

Board of Public Works
October 19, 2023
6:00 p.m. Council Chambers
Join Zoom Meeting

<https://bristolct.gov.zoom.us/j/82472017886?pwd=abimQv499sLP3HeKsLBUb05zv4eG0f.1>

Meeting ID: 824 7201 7886

Passcode: 581282

1. Board Of Public Works Minutes Of The Previous Meeting

A. September 2023 Draft Meeting Minutes

Documents:

[Minutes of Board of Public Works.pdf](#)

2. Employee Recognition

A. Employee Anniversaries

Documents:

[October Anniversaires.pdf](#)

3. Concerns And Petitions From The Public

4. Correspondence

5. Public Works Divisions Reports

A. September 2023 Division Reports

Documents:

[September 2023 Division Reports.pdf](#)

6. Building Committee

A. BldgComm Project List September 2023

Documents:

[BldgCommproject List September 2023.pdf](#)

7. Public Works Project Schedule

A. September 2023 Project Schedule

Documents:

[September 2023 Project schedule.pdf](#)

8. Director's Report

A. Directors Report

Documents:

[Directors Report.pdf](#)

9. City Hall Renovation Project

A. City Hall Update

Documents:

[City Hall Report.pdf](#)

10. Unfinished Business

A. Fema Mapping And Draft Notification Letters

Documents:

[Fema Mapping and Notification letter drafts.pdf](#)

B. Bristol Police Department Memo

Documents:

[DOC092823-003.pdf](#)

11. New Business

A. Asset Management System

Documents:

[Asset Management System - Copy.pdf](#)

B. SustainableCT Certification

Documents:

[10.5.23.PWB.SCT.Memo DPO.pdf](#)

C. DPW City Flooding

Documents:

[DPW Flooding Report.pdf](#)

D. DPW CIP Update/Police Complex Bldg Options

Documents:

E. Streetscape

Documents:

[Streetscape.pdf](#)

12. Addendum

13. Adjournment

14. Signature

Raymond A. Rogozinski, P.E.
Director of Public Works

Minutes of Board of Public Works
Regular Meeting
Thursday September 21, 2023
6:00 p.m. Council Chambers, City Hall
With Zoom Access

Members Present: Mayor, Jeffrey Caggiano
Council Member Jacqueline Olsen
Commissioner Michael Dumas
Commissioner David Hartley
Commissioner Frank Stawski

Staff Present: Raymond A. Rogozinski, Director of Public Works

Absent: Council Member Cheryl Thibeault
Council Member Erick Rosengren

Call to Order

Raymond A. Rogozinski called the meeting to order at 6:01 p.m. There was a recitation of the Pledge of Allegiance.

1. Board of Public Works Minutes of The Previous Meeting

A. August 2023 Minutes

Motion: made by Commissioner Dumas and seconded by Council Member Olsen to accept as presented and place on file. Motion passed.

2. Employee Recognition

A. Employee Anniversaries

September anniversaries were recognized.

3. Concerns and Petitions from The Public

None

4. Correspondence

None

5. Division Report

A. Division Reports

Motion: made by Commissioner Dumas and seconded by Council Member Olsen to accept as presented and place on file. Motion passed.

6. Building Committee

A. Bldg. Comm Project list August 2003

Motion: made by Commissioner Dumas and seconded by Commissioner Stawski to accept as presented as place on file. Motion passed.

7. Public Works Project Schedule

A. August Project Schedule

Motion: made by Commissioner Hartley and seconded by Commissioner Stawski to accept as presented and place on file. Motion passed.

11. New Business

A. DPW Streets Ordinance

The DPW street ordinance was reviewed with the board. There have been no changes since 1960. The sidewalk, snow maintenance ordinances will be updated and the addition of Streetscapes projects will be done. This process would take about 4-6 months to complete.

Motion: made by Council Member Olsen and Commissioner Dumas to authorize Public Works to proceed with the rewrite of the DPW Streets Ordinance. Motion passed.

B. DPW Leaf Collection

The leaf collection procedures and policy were reviewed with the board. Collection goes from October 1 until December 1.

C. Solid Waste BPW Memo and Cost Review

The Director reviewed the Public Works Solid Waste Collection for the year and the attached documentation regarding collection ordinances and costs to the city of purchasing barrels and Covanta fees.

Mayor Caggiano entered the meeting at 6:25 p.m.

D. BPW Bldg. Control System

The director referenced the attached memo from David Oakes regarding the HVAC control system. The Director introduced Peter Fusco from The Board of Education. Peter Fusco spoke regarding the several buildings that need to be updated to be universal with the other BOE buildings in town. They want to stay with Schneider Controls for maintenance as they are overseeing the buildings already with the new systems. This will standardize them all and be easier to maintain and control.

Motion: to approve the designation of Schneider EcoStruxure BMS as the sole system for the city and BOE controls and further designate SNE the sole provider for building management system and forward to Board of Finance made by Commissioner Dumas and seconded by Commissioner Stawski. Motion passed.

Commissioner Hartley shared that Eversource has stated that Bristol will be in the next single visit transfer pilot program due to all the work that everyone has done.

Commissioner Hartley left the meeting at 6:45 p.m.

E. BPW FEMA Mapping and Flood Zones

A discussion was held regarding the new FEMA mapping and flood zone changes that occurred with the new FEMA mapping. 202 properties were removed from a flood zone and 198 were added to the flood zone. There is an appeal process, but it requires the resident/owners to hire an engineer and would be appealing with FEMA. The city is not responsible for any changes that were done with the new mapping from FEMA. These new maps will be effective winter of 2024 by FEMA. Public Works will send residents letters to notify them of any changes. A draft of a letter is included for the board to review.

F. Litter Money

A memo attached from Linsey Rivers, to inform the board of how some of the litter funds have been spent.

G. United Way Summer Interns

The summer interns from the united way sent letters of thanks for the opportunity they were given learning about how a city works and assisting in various departments during their time here.

Motion: made by Commissioner Dumas and Commissioner Stawski to accept as presented and place on file. Motion passed.

Chief Gould spoke at the meeting regarding speed bumps, humps and tables that residents are asking for on their street. Most recently the residents of Ridge Road who came to the Police Commission with a signed petition asking for speed bumps. He explained what the pros and cons of having speed bumps or speed tables in the road. The impact on the fire department, as well as the involvement from public works to install and maintain them. The Board stated that they had previously determined this was not something that they wanted to move forward with in 2021.

Motion: to Forward a request to the Ordinance Committee to formalize an ordinance that we (the City) are NOT moving forward with any speed bumps, humps, tables or any other types of those traffic calming measures (on City Streets) and focus on the (installation of alternate) traffic calming measures made by Commissioner Stawski and seconded by Council Member Olsen. Motion passed.

Directors Report

A. Directors Report

Staff openings were reviewed for each department.

The paving of Park St and Divinity Street were discussed.

The Memorial Blvd. monument and the lighting plan was reviewed with the board. The lighting will backlight the enclave of the monument.

Motion: made by Commissioner Stawski and seconded by Commissioner Dumas to approve \$36,809.00 for the lighting of the plaques on the monument. Motion passed.

Kelly St. garage should be completed by end of October.

The plan to renovate the space currently occupied by public works, for the police department was discussed which includes the police garage. The estimated cost and ideas were briefly discussed.

An update was given regarding the storm and flooding that occurred last week. The streets hit were Middle St., Park St., Divinity St. and Sharon St. and what corrections will be done. A petition that was included in the correspondence section of the agenda, was from residents in the Rich Ln, Spark Ave and Arlene Dr area regarding flooding to their area homes and properties.

Collins Rd. was discussed regarding a pipe replacement that needs to be done, but an issue with obtaining an easement is being worked on with Corp. Council to be able to access the property to get the issue resolved.

Motion: made by Commissioner Stawski and seconded by Commissioner Dumas to authorize Public Works for hiring a land surveyor and necessary engineering to proceed with a design of Collins Rd storm drain. Motion passed.

Perkins St- The director confirmed with the Corp. Council that Public Works has the right to discharge water to the stream but not increase the flow to it. There is a severe erosion issue that requires correction.

Motion: made by Commissioner Dumas and seconded by Council Member Olsen to authorize Public Works to move forward with installing a pipe that would be subject to getting an easement from property owner, the easement includes a release of the right to discharge there and acknowledge that a wetlands permit is needed. Motion passed.

Deep is asking for a Kiosk Redemption bottle program. There is some interest to do this. ECD stated there is interest shown for this, ECD is interested so a discussion with them will be done later.

Motion: made by Commissioner Dumas and Council Member Olsen to accept as presented and place on file. Motion passed.

8. City Hall Renovation

A. City Hall update

The Director gave an update regarding the City Hall Renovation and invited Eugene Karcha and Ken Romeo to update the commission. Eugen Karcha shared that the elevator inspection was completed and passed. The Smoke, fire and sprinkler systems were checked by the fire inspector and passed as well. Sonitrol will be in tomorrow to install a sensor and then it will be inspected and ready to go. He stated that the Council Meeting will be able to be held in the new building for October in the new council chambers. The Final C/O should be by received by the end of October. There is still a lot of work but lots of good news today.

Ken Romeo discussed that the A/V system is 99% complete. Strategic Spaces has made lots of progress putting the furniture in place but there is still a lot to do.

9. Unfinished Business

None

10. Adjournment:

Motion: made by Council Member Olsen and seconded by Commissioner Stawski to adjourn at 7:45 p.m.
Motion passed.

Meeting Adjourned

11. Signature

Raymond A. Rogozinski, P.E.

Director of Public Works

October Anniversaries

Paul Anderson	8 Years
Andrew Armstrong	3 Years
Ryan Bosse	10 Years
Jesse Bourgoin	4 Years
Anthony Contrastano	2 Years
Daniel Covalleski	10 Years
Steven Cowperthwaite	5 Years
Robert Flanagan	10 Years
Mark Gibson	7 Years
Freddy Guzman-Barros	4 Years
Joseph Howson	3 Years
Felipe Machado	10 Years
Gerri Montambault	13 Years
Jacob Violette	4 Years
Jason Whitehead	17 Years
Joseph Palmisano	1 Years



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Board of Public Works
Public Works Department Activity Report: Administration – September 2023

Public Works Monthly Metrics:

Number of Residential Transfer Station Visitors	3677
Number of Bulk Collections	224

Current month activities:

- PAYT reporting and debt collection continues.
- Communications, press releases, social media, website maintenance and enhancements are ongoing.
- Management of Street Light repair requests and Shopping Cart ordinance compliance.
- Educational outreach for Reduce & Reuse and training for the Recycle Coach application, which currently has 5,815 users.
- Pursued 67 abandoned shopping carts, \$720.00 in fines were written.
- Welcome packets to new residents, which included recycling magnets and events we have scheduled, have been going out Monthly.
- Assisting Solid Waste with Illegal Bulk letters and fines. 28 complaints were received in August, resulting 6 tickets \$648.00.
- The 2023 Yard Waste season has begun. We have about 4703 residents have signed up for the season so far.

Next month activities:

- Enforcement of Illegal Bulk, Street light repair requests, welcome letters with new materials, PAYT debt collections, Shopping cart enforcement and monitor illegal dumping areas.
- Continue outreach to increase awareness of the Reduce & Reuse program and the Recycle Coach app. DPW started posting new features and it is helping gain new app users.
- Continue work on the Department's webpage, Facebook, Instagram and Twitter accounts to enhance media presence. Everything is on our website and social media for residents to fill out or have their questions answered.

- We have completed the application for Sustainable CT. We have maintained Silver for 2023
- CITY HALL! I can't wait to move we have been working with vendors, construction team and also all the staff so we can make the move as seamless as possible.

Administration staff or concerns:

Administration Monthly OT Costs: \$227.43

Engineering Division Monthly Report October 2023 BPW Meeting

(Summary of September Activity):

- Prepare work orders/ oversee misc. storm drainage work in support of DPW 2024 spring/fall Paving program (Contract awarded Tabacco/Laviero)
- N. Main Street Streetscape – FD expected to go out to bid shortly
- Park St/Riverside Ave Streetscape – Design awarded to GM2 – survey/study progressing
- Divinity culvert waiting on LOTCIP funding approval – construction can start spring 24
- Lake Ave culvert final design by consultant. Water main relocation design
- Wolcott St reconstruction design coordination & review. Third party review just completed and utility coordination. Coordinate ROW easements – easement marked out/ scope added.
- Eversource gas main installation coordination meeting for new mains and replacements, roadway repairs by ES or fee in lieu. Inspect roadways for FIL.
- Mem Blvd Bridge Replacement Project –electric
- Inspect pavement for roadway patching program/bid
- Coordination ongoing with CTDOT for West End 69/72 project (awarded to Richards Corp .) Utility work to begin in March/April overheads completed by end of July.
- Coordination ongoing with consultant Shrub Road Sidewalks design and road diet
- Review PE design Field St culvert award of contract for design (field survey and recommendation complete) Applied for State/Local Bridge Program Recommendation for full replacement – ROW coordination
- Work orders/encroachment permits for ADA ramps/paving/drainage for 2023 paving list.
- PD Memorial coordination with North Main Streetscape
- Coordinate/permits for Eversource gas
- Reward contract for Wetlands Map revision (BL Companies) Work ongoing. Field work being scheduled September.
- City awarded participation in Complete Streets Academy – workshops through spring
- Encroachment permit granted and review comments addressed – installed for 9/29-10/30
- Survey Edgewood School for 319 Grant – design plans
- Mellen St bridge awarded to Arborio – Scheduled for completion June 2024
- Parking garage construction coordination ongoing
- Award bid for new survey equipment – waiting on equipment
- Issue NTP for Arborio August 1 for Mellen St bridge
- Address flooding concerns
- Jerome Ave bridge funding adjusted for 2024 full bridge reconstruction

Engineering

- Inspect DPW facilities – Storm water control program
- Line striping updates for paving and faded markings
- Consultant preparation of Storm water Pollution Prevention Plan – DPW JPC Road site
- Eversource Gas coordination for 2023 projects
- Memorial Blvd coord with contractor for granite/traffic signal
- Maple Ct reconstruction design.
- Update street light inventory for Eversource and Fiber for City
- Arrange install of additional lights on Barlow St, Harvard Pl and Diane Ln –to be connected
- Sediment removal plans Frederick St bridge/Pequabuck culvert/floodway.
- Community Connectivity out to bid 2022/grant application for 2023 funds
- Inventory bituminous sidewalks
- Utility coordination for Downs St bridge (Eversource Gas/electric & Frontier)
- Utility coordination for Mellen St bridge (Eversource & Water)
- Purchase survey equipment/software
- FIL invoices to Eversource
- Encroachment permit for signage on Rte 72 re Memorial Boulevard (no trucks)

Engineering Division staff or concerns:

Vacancy - Assistant City Engineer – (filled by Part time Engineer)

Land Use activities for September 2023:

Inland Wetlands & Watercourses Commission

The Commission did not meet in September.

Zoning Commission

Proposed amendments to the Zoning Regulations to: 1) amend Section VI.C.2.z. to remove references to live-work units; 2) add live-work units as a permitted use in the BD (Downtown Business) zones – APPROVED.

Public Hearings scheduled for October:

Change of Zone from R-10 (Single-Family Residential) zone to I (General Industrial) zone at Andrews Street, Assessor's Map 38, Lot 84.

Special Permit and Site Plan for the construction of a Unified Residential Development consisting of 11 units at 15 Haviland Street and the corner of Haviland Street and West Street; Assessor's Map 28, Lots 137 & 137-B; R-15/BT (Single-Family Residential & Downtown/Neighborhood Transition) zone.

Proposed amendments to the Zoning Regulations to 1) add a definition for a climate controlled self-storage facility and 2) add climate controlled self-storage as a Special Permit use in the BD (Downtown Business) zone and 3) add an off-street parking requirement for climate controlled self-storage facility use.

Proposed amendments to the Zoning Regulations to allow for Unified Residential Developments by Special Permit and Site Plan in the R-15/RM (Single-Family Residential/Mixed Residential Overlay) zone.

Planning Commission

The Commission did not meet in September.

Zoning Board of Appeals

The Board did not have a meeting in September.

Historic District Commission

The Commission did not meet in September.

Land Use staff or concerns:

- Monthly overtime costs (Board/Commission Secretaries and Assistant City Planner at meetings):
\$603.85

Facilities – September 2023

Building Maintenance current month (September 2023) activities:

- Facilities Manager began Fall 2023 site visits with all Departments in relation to facilities conditions and winter operations planning activities
- CROMPCO completed UST tank tightness testing at 131 North Main Street for Police Complex generator on 9/8 and CT DEEP staff conducted UST compliance check on 9/25
- Staff provided support at the Shred-It event on 9/9 hosted by Public Works Department
- Staff worked with Water Pollution Control and Oakland LLC to address drainage issues at Police Complex that resulted in flooding within the basement parking garage (required drain line jetting, catch basin clean-out and other tasks)
- New Groundskeeper/Technician Barrett Cretella started employment on 9/11
- Senior Maintenance Technician and Groundskeeper/Technician attended UCONN College of Agriculture Turf Management seminar on 9/13
- Staff provided labor to support Bristol Police Traffic Division at MumFest Parade on 9/24
- Staff assisted set-up/break-down operations at weekly Farmers Market events, which includes coordination with Bristol Rotary Club members
- Completed and submitted the final close-out document for the State of CT Historic Preservation Office to obtain \$71,941.39 in Historic Preservation Funding associated with exterior upgrade project at 51 High Street
- Streets Division paved a gravel section of the Police Complex down-ramp on 9/28 that was washing out in heavy rains that was impacting ramp catch basins which caused flooding issues in the basement
- Coordination with City Hall Departments and Downes-D'Amato staff in preparation for the October move-in at the newly renovated City Hall
- Eagle Environmental conducted testing of exterior painted surfaces at Fire House #2 on 9/28 to determine the presence or absence of lead-based paint in advance of exterior painting project awarded to New Cambridge Painting of Bristol (no lead-based paint detected)

Building Maintenance next month (October 2023) activities:

- Initiate City Hall Department office moves back to 111 North Main Street, beginning the process of building occupancy and operations at renovated City Hall (daily coordination with City, D'Amato-Downes, Colliers, Meyers and other contractor staff on any final items needed)
- Conduct interviews with Human Resources for vacant 2nd shift Custodian position on 10/6
- AirTemp Mechanical to complete boiler preventative maintenance and start-ups on facility boilers in advance of the heating season to insure no issues are existing that would impact department operations
- Building Maintenance and BPRYCS staff to provide support and equipment for 10/12 Bristol Police Fallen Officers ceremony to honor Lt. Demonte and Sgt. Hamzy
- Facilities Manager to obtain bids for the replacement of 3 waste oil heaters at the City Yard and Transfer Station and replacement of multi-pane window units at the Beals Community Center
- Accurate Commercial Door to complete upgrades to exterior doors and lock replacements at 51 High Street to increase staff and facility security (Facilities Manager working Purchasing and IT Departments currently on bid for installation of CCTV security camera system)
- Staff to provide support to the Registrar's Office as required in the lead up to November elections, 10/18 Emergency Preparedness Exercise with EM Director Harley Graime, support for weekly Farmers Market events through the end of the season in October
- Staff Police Complex Saturday Custodial shifts due to position vacancy to maintain service levels
- Staff to receive Owner's Operation & Maintenance training on new building systems at renovated City Hall (HVAC, fire systems/sprinklers, site access, security cameras, audio-visual, meeting rooms, elevator, etc.)

Building Maintenance Staff or concerns:

- Anticipate minimal to moderate levels of Vacation/Miscellaneous time off during October
- Conduct interviews with Human Resources on 10/6 for 2nd Shift Tuesday – Saturday Custodial position

Building Maintenance OT Costs: \$6,090.81

Staffing coverage for after-hour maintenance issues, Police Complex 1st shift custodial coverage on Saturdays due to Custodial vacancy

Streets September 2023 Report

Streets current month activities:

- Continued to provide all employees with cleaning supplies as well as masks due to COVID-19
- Continued with roadside maintenance of City properties, including litter and yard sign removal. This work will be on going throughout the seasons
- Finished painting jersey barriers and installing new signage at the transfer station
- Installed driveway aprons for engineering on new paved roads
- Preparing for winter with salt deliveries
- Serviced trees, including pruning, removals, and testing
 - **Take downs** (Divinity, Stafford Ave, Curtiss St, Washington, Cherry and Greene St.)
- **Major Roads Engineering**- OFF SEASON
- **Permanent Patch for Engineering**- OFF SEASON
- **Milling**- Witches Rock Rd, Mountain View School, Hiltbrand Ave
- Dealt with several heavy rain storms which included culvert cleaning, sweeping, tree removals and extensive vactor/jetting work
- Installed new traffic markings on West Street for a program through the state
- Assisted Parks Department with wash outs to their walk ways
- Stump Removals/ Loam
- Closed down the Boulevard for the Mum Festival
- Continuing small road repair
- Addressing street signs
- Curb repair
- Vactor Work
- Cleaned out culverts throughout the city
- Milling and Paving
- Driveway Aprons
- Loam Feeder
- Patched Potholes
- Street Sweeping
- Storm Drainage
 - **Completed Basin Repairs/Sinkholes**- (Burlington Ave, Peacedale, Marsh Rd and Dino Rd.)
- Installing new poles and signage
- Winter Operations- **OFF SEASON**

Streets next month activities:

- Continue with roadside maintenance
 - Street Sweeping
 - Potholes
 - Curb repair
 - Loam
 - Driveway aprons
 - Milling and Paving
 - Catch basin repair
- Start 3rd Round of detention pond maintenance
- Permanent Patch List
- Milling and paving
- Winter Operations- **OFF SEASON**
 - Plowed and treated roads
 - Service Requests
 - Curbing

- Mailboxes
- Continue addressing street road name signage replacement
 - Installing new poles and or signage
 - Look into printing other road signage of other Departments
 - Fixing and installing signs for Police Department
- Maintenance of city properties
 - Litter clean up
 - Lawn Maintenance
 - Bridge clean up
- Continue tree take downs, trimming and stump grinding
- Continue to address seasonal maintenance activities, including preparation of seasonal operation equipment
- Assist other public work programs and departments as required

Streets staff or concerns:

Street Division is currently addressing service requests from the general public with our maintenance programs. We have been managing these requests throughout designated areas.

July OT Totals: \$ 5,542.75 Streets

Solid Waste September 2023 Report

Solid Waste current month activities:

- Continued illegal bulk inspection and enforcement activities. We sent out 28 letters, picked up 3 illegal bulk stops, with 15 still pending.
- Continued curbside bulk collection, we collected 224 scheduled pick up.
- We currently have 4,703 residents enrolled in our yard waste program.
- Continued the on-site management of barrels at the Transfer Station, disassembling, cleaning and reusing barrels.
- Cleaned debris from downtown area and along the parade route.
- Delivered event barrels for the Mum Festival.
- Brought automated truck R-14 to the mum festival for Touch a Truck event.
- Interviewed applicants for laborer positions.

Solid Waste next month activities

- Continue illegal bulk inspection and enforcement activities.
- Monitor manufacture and transportation process for additional rubbish, recycling and yard waste containers.
- Continue on-site yard waste management activities at Transfer Station and delivery of yard waste barrels to new customers.
- Patrol known dumping areas for illegally dumped items.
- Deliver event barrels for Mum-a-thon and Rockin for Rescue.
- Continue cleaning up areas with high amounts of litter.
- Continue to interview applicants for job openings.

Solid Waste staff or concerns:

- Manage Solid Waste Division staffing levels.
- Manage Division vehicle equipment needs.
- Continue to cross train Division employees.

<u>OT Costs/Revenue Generated:</u>

Solid Waste OT =	\$6,828.59
Transfer Station OT =	\$3,204.15
TS Revenue (PAYT) =	\$22,675.64
Residential Permits =	\$3,010.00
Commercial Permits =	\$0.00
Yard Waste Revenue =	\$1,590.00
Murphy Road Rebate =	\$0.00
Iron Liberty Recycling =	\$5,707.66
Aluminum Liberty Rec =	\$0.00
Batteries Liberty Rec =	\$0.00
Electronics NewTech =	\$0.00
Compost Sale =	\$0.00
Bulk Pick-Up Revenue =	\$0.00
Book Box =	\$0.00
Misc. Revenue =	\$20.00
Border Street =	\$0.00
Illegal Bulk Fines =	\$216.00
Clothing Recycling =	\$0.00
Barrel Sale =	\$465.00
Damaged barrel =	\$0.00
Special Pick up – 2 nd	\$1,651.00

Fleet Maintenance Current Activities:

- Solid Waste Div. (R14) 2019 automated rubbish truck was brought in for a service, brakes all around and 4 new rear tires.
- Solid Waste Div. (R7) 2014 automated rubbish truck was brought in for modifications to the lift arm. An evaluation of the truck determined that it needed both rear axle brakes and a second rear axle air can. Repairs were made and truck is back in service.
- Solid Waste Div. (R15) 2020 automated rubbish truck was brought in for brakes all the way around. Truck was also diagnosed with a back slack adjuster that was addressed as well.
- Solid Waste Div. (R19) 2022 crane bulk truck was brought in for a leaking PTO seal. New seals were installed and truck is back in service.
- Solid Waste Div. (R9) 2015 automated rubbish truck was brought in for a few structure cracks on the body. Welding was completed in house and truck is back in service.
- Solid Waste Div. (R27) 2015 rubbish truck was brought in for both rear axle brakes. Unit was diagnosed with 2 back AC lines and 2 non working cab lights. Repairs were made and truck is back in service.
- Solid Waste Div. (R18) 2018 automated rubbish truck was diagnosed with a bad blower motor and a faulty LED headlight relay box. Both repairs were made and truck is back in service.
- Solid Waste Div. (R29) AEBl slope mower parts finally arrived from Germany. Unit is currently being put back together.
- Streets Div. (S11) 2009 10 wheeled dump truck was brought in for a leaking rear axle pinion seal leak. New seal was installed, truck is back in service.
- Streets Div. (S22) 2008 10 wheeled dump truck was brought in for 2 bad air brake cans on 2nd rear axle. 2 new cans were installed.
- Streets Div. (GS3) 2005 2500 pickup truck was brought in for a leaking fuel line. Line was made in house and truck is back in service. (Unit will need to be replaced soon due to age, wear and tear.)
- Streets Div. (S26) 2018 10 wheeled dump truck was brought in for an ignition issue causing the truck to not start. Truck was diagnosed with a bad ignition harness and the repair was made.
- Streets Div. (S23) 2019 10 wheeled dump truck was brought in for service. Truck was diagnosed with a bad auger chain during inspection. A new chain was installed.
- Streets Div. (S33) 2021 5500 mason dump was brought in for brakes and rotors all the way around.
- Streets Div. (S3) 2018 3500 pickup truck bodywork was completed by Skytop Motors. Truck came out beautiful.
- Streets received new brush chipper C11. Old unit was given to the Parks Dept.

Fleet Maintenance Next Month's Activities:

- Continue scheduled service to our Fleet vehicles.
- Continue scheduled services to our other divisions as well as our P.D.
- Continue to keep Streets & Solid Waste Ops. Running strong.
- Working on Capital Equipment bids. Ventrac & Skidsteer.
- Working on rear loaders for fall collection.
- Working on putting multiple units out for auction that are no longer in service.

Fleet Maintenance Staff or Concerns:

- Solid Waste Div. transfer station truck GS5 needs to be replaced. (Waiting for a State truck to become available).
- Streets Div. S4 Crew leader pickup needs to be replaced. (Ordered)
- **Fleet garage heaters need to be replaced/Repaired**
- Street Div. (S30) 1985 Tractor trailer truck needs to be replaced.
- City yard generator still needs repairs.
- Overtime expenditures and totals \$2,334.53 (Holiday, Dispatch and Mechanic).



Department of Public Works | 860.584.6125

MEMORANDUM

DATE: October 12, 2023

TO: Raymond Rogozinski P.E., Public Works Director

FROM: David Oakes, Public Works Facilities & Energy Manager

RE: City Building Project List Updates

City Yard – Garage Heating Unit Replacements - \$55,000

Manager Oakes is meeting with vendors and obtaining bids currently for installation of a new heating system to replace the antiquated gas-fire burners and provide an improved environment for Fleet Division staff during winter months when snow plow operations keep the employees very active and HVAC system demands are high.

City Yard & Transfer Station – Waste Oil Heater Replacements \$42,000

Manager Oakes met with Yankee Services of Windham and the Griffith Company of Bridgeport to obtain quotes to replace three waste oil heaters located at City Yard (main garage area and automated rubbish truck garage) and the Transfer Station (roll-off and pay loader garage). The existing REZNOR units are past their life cycle and the manufacturer no longer makes the waste oil heaters or the parts needed to keep the units operating. Purchasing Agent Rousseau and Manager Oakes are reviewing bids at this time.

51 High Street – Flooring Replacement \$25,000

The conference room flooring at 51 High Street is uneven and the vinyl floor tiles heave, crack and cause tripping hazards. Replacement of the vinyl tile floor is required. The subfloor is not level due to the age of the building and settling, therefore the subfloor will need attention as well. Building Maintenance staff would be able to complete this work scope after hours, but estimates for the replacement will also be solicited from outside contractors for competitive bidding purposes.

51 High Street – Security Upgrades \$30,000

A purchase order in the sum of \$4,623.00 has been issued to Accurate Commercial Door to make modifications to existing exterior doors and lock systems. Accurate completed their work scope on 10/4/23. The remainder of the security upgrade funding will be used to install exterior security cameras that is compatible with existing Information Technology Department operation systems. Manager Oakes is working with the IT Department staff currently to meet their requirements and Bristol Parks, Recreation, Youth & Community Services Department needs.

Beals Center – Window Unit Replacements \$15,000

Manager Oakes has obtained bids from the Window Shop of Plainville and Genest Construction of Bristol for the replacement of (3) three window assemblies at the Beals Community Center. A third bid is being obtained from Millennium Builders via the ezIQC procurement system currently.



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Beals Center – Café & Card Room Upgrades \$38,000

Department of Aging Director Patricia Tomascak informed Manager Oakes that upgrades to the Café and Card Room are pending department shifts and adjustments within the Beals Community Center. The proposed upgrades will not be possible until a final decision is made to future locations of the State of CT Probate Court and Bristol-Burlington Health Department. Of note, the Bristol Board of Education Early Childhood Center vacated a portion of the north wing which it formerly occupied over the past several months.

Fire House #2 – Exterior Trim Painting \$15,000

Manager Oakes has obtained three competitive bids from Roberge Painting, New Cambridge Painting and Millennium Builders. Eagle Environmental completed testing to determine if the existing exterior paint has the presence of lead. No detection of lead-based paint was found during Eagle's site sampling on 9/29/23. The schedule and timing of the painting is be coordinated currently with New Cambridge and Bristol Fire Department Staff.

Main Library – Fire Panel Replacement \$30,000

A purchase order in the sum of \$29,849.00 was issued to Synergy Fire of Bristol, the City's contracted fire alarm systems vendor. Synergy Fire completed the replacement of the Notifier fire panel on 10/5/23.

PUBLIC WORKS BOARD CITY BUILDING PROJECT LIST - OCTOBER 2023

Funding Year	Location	Project Name	Contractor Name	Current Budget	Construction Estimated % Complete	Schedule/ Completion Date	Comments/Recommendations	Original Budget
FY23-24	City Yard - Fleet	Garage Heating Unit Replacements	TBD	\$55,000.00	0%	6/30/2024	Obtaining bids currently	\$55,000.00
FY23-24	City Yard & Transfer Station	Waste Oil Heater Replacements	TBD	\$42,000.00	0%	6/30/2024	Obtaining bids currently	\$42,000.00
FY23-24	51 High Street - BPRYCS	Flooring Replacement	TBD	\$25,000.00	0%	6/30/2024	Floor deteriorating, posing a safety hazard	\$25,000.00
FY23-24	51 High Street - BPRYCS	Security Upgrades	Security Cameras -TBD	\$25,000.00	0%	6/30/2024	Exterior security camera installations	\$30,000.00
			Accurate Commercial Door	\$4,623.00	100%	10/4/2023	Completed on 10/4/23	
FY23-24	Beals Center	Window Unit Replacements	TBD	\$15,000.00	0%	6/30/2024	Obtaining bids currently	\$15,000.00
FY23-24	Beals Center	Café & Card Room Upgrades	TBD	\$38,000.00	0%	6/30/2024	Demo wall/install doorway, remove carpet/install VCT tile	\$38,000.00
FY23-24	Fire House #2	Exterior Trim Painting	New Cambridge Painting	\$9,975.00	0%	11/30/2023	Exterior painting of metal trim and overhead doors	\$15,000.00
		Environmental Sampling	Eagle Environmental	\$1,000.00	100%	9/29/2023	No lead-based paint detected	
FY23-24	Main Library	Fire Panel Replacement	Synergy Fire Systems LLC	\$29,849.00	100%	10/5/2023	Completed on 10/5/23	\$30,000.00
FY22-23	Police Complex	Parking Garage Assessment Study	Desman Design	\$8,815.00	100%	5/1/2023	Study to determine needs and budget for repair/upgrades	\$3,500.00

\$254,262.00

Available as of July 2023	6,395.77
2024 Funding	250,000.00
Spent 2023-2024	0.00
Less Committed Contracts	54,719.25
Less Committed Projects	200,000.00
Net Available	1,676.52

NOTE: Final close-out documents being submitted to CT SHPO for \$71,941.39 in grant funds for 51 High Street exterior wood repairs & painting project completed 5/26/23

September 2023 Project Schedule															
Projects	Budget														
Projects in scoping/Design Phase		9/1/2023		10/1/2023		11/1/2023		12/1/2023	1/1/2023			2/1/2023		Future	
Divinity Street Culvert design	\$350,000.00	Design/Permit (4/21 to 8/22) - Bid 3/24 (coordinate timing with DOT West End project)												Construction Spring 24	
Downs St Bridge	\$320,000.00	Redesign/Permit (3/20 to 10/22) - Utility coordination required Bid 3/24 (Eversource has installed temp poles.) Coord with DOT regarding signal - 3rd part review (8/23)												Construction Summer 24	
Lake Street Culvert design	\$400,000.00	Design/Permit (3/20 to 4/22) - Bid 10/23 Construction (4/23 to 9/23)													
Wolcott St (Route 69 to Allentown)		Design/Permit (10/20-8/22) ROW easements (offers extended) Third party review by NVCOG starting comments addressed by 4/23												Construction Fall 23/Spring 24	
Jerome Ave Bridge	\$200,000.00	Design/Permit (3/21 to 6/22)					Bid 10/23 (ROW in process)							Construction Spring 2024	
2022 Community connectivity / sidewalk replacement	\$440,000.00	Design/Permit (4/21 to 3/23) - Bid 9/23 (Authorization to advertise received-PAL next)					Construction						Construction Fall 23/Spring 24		
2023 Community connectivity / sidewalk replacement	tbd	Grant application/Design (waiting on grant award)							(Apply for 2023 grant)						
East Street Bridge design	\$350,000.00	Design/Permit (3/20 to 4/24) - Bid 3/24 90% Redesign and encroachment/utility modifications												Construction Summer 2024	
319 Grant at Edgewood School		Survey (12/22) Design (6/23)								Construction					
Active Construction & Other Projects															
Mellen Street Bridge	\$1,758,576.00	Design/Permit (3/20 to 2/23) - NTP August 1 to Arborio											Construction 8/23-6/24		
Route 6 Railroad Crossing		Drainage design/encroachment permit ongoing													
Memorial Blvd Bridge	\$3,000,000.00	Construction (6/21 to 9/22) Granite install currently thru November - Electrical and signal being finalized													



Department of Public Works | 860.584.6125

MEMORANDUM

DATE: October 11, 2023

TO: Mayor Jeffrey Caggiano
Board of Public Works

FROM: Raymond A. Rogozinski, P.E., Director of Public Works

RE: BPW October – Director’s Report

Attached, please find a summary report of the Department’s activities, issues, and concerns for the October 19, 2023 Board of Public Works meeting.

1. **Staffing: Administration Division** – Fully staffed. **Land Use Division** - Fully staffed. **Eng. Division** –Assistant City Engineer position remains vacant; recruiter continues to work on recruitment (no viable candidates to date). Employment of temp engineer (P.E.) continues. **Building Maintenance Division** – 1 night (Tues – Sat) custodian. Interviews conducted/ currently being processed by PD. **Streets Division:** 2 vacant laborer positions (interviews conducted). **Solid Waste** – 1 laborer position vacant (interviews conducted). **Fleet Division** – Fully Staffed.
2. **DOT West End Intersection Reconstruction:** DOT contractor, Richard Corp, is scheduled to pave Oct 30. The only roadway portion that will not be paved is the road section from Café Real east to Church St/N. Main St. Paving will include the “smaller” City parking lot adjacent to Café Real. Richard Corp will continue to work until winter shut down (med November) on utility work within West St, south of the intersection. Eversource gas, Eversource Electric and Frontier’s utility work is complete. **No more night work is anticipated.** Traffic signal work, included completion of mast arm foundation is ongoing, mast arms installation is scheduled for the next month. Final completion of the project is anticipated July 2024, however the majority of 2024 work will be off/outside the roadway pavement and will have limited impact on traffic. DPW has installed barriers/ local traffic only signs as a temporary traffic calming measure at Pratt St, south of Divinity, to limit right turns bypassing the West End intersection.
3. **Mem Blvd. Bridge:** Last shipment of stone for the top of the four parapets has been received by the contractor Trademark Construction. Installation of stone and lights at the



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four plaques, enclaves, and obelisks is scheduled for the next two weeks. Complete of punch list items remain including the replacement of cracked sidewalks sections.

4. **Meadow St Parking Garage:** Temporary CO issued for City use during Police Oct 12 vigil. City use of garage anticipated on Oct 27, pending installation of Fire Pull stations and telephone connection. It should be noted, that Fire Pull station are not required by Fire Code, however they are part of the original design. As previously indicated, the EV stations will not be operational, due to a delay in Eversource installation of 3 phase power. City currently finalizing easement with Immanuel Lutheran Church for overhead trespass to be assigned to Eversource.
5. **Hope Street Parking Garage:** Scheduled to go out to bid in late Oct with construction in 2024.
6. **Jerome Ave Bridge – Freeman Brook:** City obtained final required easement from New Britain, scheduled to bid in October 23, 2024
7. **Plowing Contractor Advertisement/Solicitation:** Advertisement for plowing contractor's issues. Base rates remain as 2022-23 with provision to adjust for fuel cost increases. Lack of plowing contractors is a major concern of DPW. DPW typically has 38 contractors available for use. Current list is 25.
8. **Complete Streets:** Complete Street (road diet) on West Street if front of Bristol Boys/Girls Club is complete and will remain in place until October 31, 2023. CT DOT Commission visiting project on October 26, 2023. The 9/29/23 event with Bristol Boys & Girls Club was a successful, the Mayor and DPW/ NVCOG staff did a great job interacting with the kids.
9. **Transfer Station Fee Increase & Wells Fargo:** Transfer station changes implemented associated with permit holder's re-classification/fee increase. Approx. 8 permit holders contacted DPW with concerns. DPW adjusted 3 permit holders to address their concerns based on specific tonnage/ use.
10. **Vehicles/Equipment:** DPW/Purchasing currently out to bid for a new Skid Steer and sidewalk snow clearing machine (ventrax/loader).
11. **North Main St Streetscape:** Engineering consultant (Benesh Eng.) advised DPW that completion of contract documents have been delayed. Scheduled to issue bid Oct 26, with construction starting in 2024.
12. **DPW Paving:** Fall paving program completed 10/11/23. DPW Street Division clearing asphalt debris from sides of roads and replacing driveway aprons. List of paved streets below:



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Crown Street
Norris Drive
Driscoll Drive
Woodward Drive
Woodward Place
Mossa Drive
Wooding Street
Perkins Street (Matthews to Pinehurst)
Fox Hollow Lane
Fisher Ridge
Dogwood Lane
Marcia Drive (Ivy to Cul-De-Sac)
Alice Terrace
Mountain View Avenue
Vera Road
Beths Avenue
Hiltbrand Road
Kathern Street
Wooster Court

13. Landfill Erosion: City received bids to repair landfill erosion. Low bid received from Yield Industries in the amount of \$944,285. Current budget (21C07) is \$678,000. DPW investigating transfer of available funds to cover shortfall. Bid tab attached.
14. Minor Road Rail Crossing: DPW Street and private contractor reconstructed the Minor St rail road crossing.
15. Curbside Clothes Collection: DPW transfer station clothes collection vender has contacted DPW regarding establishing a curbside collection program. The proposed program will be provided on an “as requested” basis. DPW supports the program, however the previous private provider suspended the program un-expectantly which resulted in residents’ complaints.
16. Transfer Station Tags: DPW received a box (1200) transfer station permit tags with faulty RFID chips. There was no cost to the City, however DPW had to send them back to be reprogramed. The issue is currently resolved, however approximately 15 tags issued to residents had to be reissued.

Feel free to contact me with any questions or concerns at 860-584-6113.

City of Bristol, CT
Bid Tabulation Results

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Bid Number: 2C24-027
Title: Landfill Repair
Bid Opened: 10/12/2023
2:00 PM

<i>Yield Industries LLC</i>	<i>RR Hiltbrand Construction LLC</i>	<i>Tabacco & Son Builders Inc</i>

Item	Description	UOM	Qty	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension
1	Erosion Matting	SY	12111	4.00	48,444.00	1.50	18,166.50	3.00	36,333.00
2	Constr Entrance	ea	2	3,500.00	7,000.00	400.00	800.00	5,600.00	11,200.00
3	Silt fence	LF	1760	11.00	19,360.00	4.00	7,040.00	8.00	14,080.00
4	Haybale ck dam	ea	10	800.00	8,000.00	100.00	1,000.00	640.00	6,400.00
5	Dust control	Mgal	50	10.00	500.00	1.00	50.00	150.00	7,500.00
6	Clearing Grubbing	LS	1	40,000.00	40,000.00	36,000.00	36,000.00	6,000.00	6,000.00
7	Gas vent	ea	1	3,400.00	3,400.00	1,200.00	1,200.00	5,500.00	5,500.00
8	Earth excavation	CY	8850	19.00	168,150.00	26.00	230,100.00	29.00	256,650.00
9	Cover material	CY	6010	21.00	126,210.00	24.00	144,240.00	27.00	162,270.00
10	Rip rap	CY	355	110.00	39,050.00	340.00	120,700.00	110.00	39,050.00
11	Stone	CY	160	85.00	13,600.00	45.00	7,200.00	80.00	12,800.00
12	Process base	CY	225	80.00	18,000.00	80.00	18,000.00	65.00	14,625.00
13	Filter fabric	SY	750	4.00	3,000.00	1.50	1,125.00	5.00	3,750.00
14	Geotextile	SY	1000	11.00	11,000.00	2.00	2,000.00	41.00	41,000.00
15	Geocomposite	SY	1350	35.00	47,250.00	3.00	4,050.00	27.00	36,450.00
16	Porous concrete	CY	100	900.00	90,000.00	220.00	22,000.00	330.00	33,000.00
17	Vegetative support	SY	12111	8.00	96,888.00	20.00	242,220.00	4.00	48,444.00
18	Turf establishment	SY	12111	3.00	36,333.00	2.50	30,277.50	2.00	24,222.00
19	Solid pipe	LF	100	45.00	4,500.00	20.00	2,000.00	150.00	15,000.00
20	Cleanouts	ea	35	400.00	14,000.00	30.00	1,050.00	620.00	21,700.00
21	Underdrains	LF	2860	45.00	128,700.00	37.00	105,820.00	53.00	151,580.00
22	Energy dissipator	ea	19	1,100.00	20,900.00	200.00	3,800.00	2,700.00	51,300.00
Remarks		Total Amount:		944,285.00		998,839.00		998,854.00	

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Raymond Rogozinski

From: Josh Corey
Sent: Tuesday, October 3, 2023 11:37 AM
To: Raymond Rogozinski; Lindsey Rivers
Subject: FW: Curbside information
Attachments: IMG-4023.jpg; IMG-4024.jpg

The clothing donation company that we use at the transfer station is looking to set up curbside donation collection. Attached is the information that they sent me.

From: Veronica O'leary [mailto:veronica@cmrkne.com]
Sent: Tuesday, October 3, 2023 11:26 AM
To: Josh Corey <JoshCorey@bristolct.gov>
Subject: Curbside information

Hi Josh

Attached is a description of our curbside business. I appreciate you sharing it with the appropriate department. I would like to either speak or meet with the decision maker. Can you forward me their information please.

Thanks

Veronica

House to House Pickup Overview

- Brief explanation
 - As the name implies, house to house (H2H) provides donors a means by which to give right from their home. Donors can give clothing, shoes, books, housewares and other items by packing them in bags and boxes and simply leaving them at their curb, driveway, front door or even on their porch.
 - A link to the list of acceptable / non-acceptable items appears below. In short, we do not pick up furniture, electronics or mattresses.
 - At present, we conduct H2H pickups in 230+ towns from Eastern MA to Worcester, as well as a dozen NH towns along the MA/NH border. We will soon be picking up in CT and RI and are testing H2H in Boston proper, as well as Western MA.
 - H2H pickups are conducted monthly, although we may go to a town on a more frequent basis if the demand is there.
 - We pickup at homes, condos, businesses and apartment buildings.
 - Towns are scheduled in groups based on proximity. On any given day, we are in between 4 and 12 towns.
- Importance
 - Donor
 - House to house is the most convenient way to donate. Hey, this is America; convenience rules.
 - Donations are tax deductible; donors can download a tax receipt for each pickup.
 - They help their town comply with textile legislation.
 - States
 - MA recently enacted a law directing towns to divert textiles and other items away from the general trash stream.
 - H2H pickups provide residents with a convenient way to help their town comply with legislation.
 - Town
 - H2H helps the town comply with legislation.
 - The volume of textiles "diverted" away from a town may affect funding.
 - Towns that hit their "diversion numbers" may become eligible for additional grant monies from the state.
 - H2H is a great complimentary service to bins / donation stations.
 - Businesses
 - Businesses can also donate unsold inventory, for which they can realize a tax deduction.
 - Pre-COVID, we picked up inventory from 50+ businesses, including Delaware North (TD Garden), Designer Consignor (high end clothing) and Converse. We are slowly adding more businesses.
 - Charity
 - A way to generate funding for their programs.

- A means to attract more attention to their cause
- For us
 - H2H brings in higher quality product.
 - H2H cuts down on trash. Drivers simply do not take items we deem unacceptable.
 - We are the only company in New England that can provide bin, donation station and H2H services. Competitors try, but simply can't cut it. Adding H2H to our service roster is a huge advantage in this market; New England used goods are in great demand across the country.
- How it works
 - Donor schedules their pickup via an online portal tailored for each partner.
 - Upon submission of their request, they receive a confirmation email that includes basic info like how to pack their items. They also state the location in which they will leave their donations (very important).
 - Donors receive reminder messages right up to the date of their pickup.
 - Drivers pick up the items. Information flows between donor relations staff, dispatch (Freiber), Patrick and myself throughout the day.
- How it generates funding
 - Charity/School partners receive funding for every pickup.
 - Towns do not receive funding for pickups. We are helping them not only comply with legislation, but if they are proactive and garner more pickups, we help them become eligible for additional funding.
- Links
 - Acceptable Items



Department of Public Works | 860.584.6125

MEMORANDUM

DATE: October 12, 2023

TO: Mayor Jeffrey Caggiano
Board of Public Works

FROM: Raymond A. Rogozinski, P.E., Director of Public Works

RE: City Hall – Renovations Project Update (October)

The renovation of City Hall **is near completion**. The City conducted the October 10, 2023 City Council meeting in the renovated facility. Access to the building was limited to the Council Chambers and adjacent meeting rooms. The final CO is anticipated on Wednesday October 18, 2023. A public open house and ceremony has been scheduled for Saturday October 21, 2023 (2:00 PM – 4:00 PM).

Current work is limited to addressing punch list items, painting, completion of audio visual equipment installation and furniture fabrication. **DPW is scheduled to move back on October 23, 2023** in accordance with the previous provided move back schedule (see attached). Critical items remain to be completed, such as balancing the HVAC equipment to ensure proper control of building heating and cooling systems. In addition, staff training of equipment and building systems is required.

The commissioning operations and training of general office staff on AV equipment and DPW maintenance staff on HVAC equipment will continue into November. The setup and turnover of building security camera and card access systems remains and is critical to Department move in operations. Keys are scheduled to be issued.

Contractor's activity in the building has been reduced to approximately 8 workers. A portion of the contractor's office staff (2) will remain on-site to oversee equipment commissioning, training and project closeout. DPW is scheduling a coordination meeting with the Brightly Software Inc., DPW asset management provider to initiate integration of City Hall documents into the Department's asset management system.

Critical items/ concerns include the following:

1. Fire Marshal authorization to configure the 3rd floor training room for use as a meeting room, capable of an occupancy for approximately 30. Architect currently preparing documentation.
2. Council Chamber AV System. The designed AV system worked well at the Oct 10 City Council meeting, however the additional of two cameras facing the dais will enable the City to direct feed future meetings.
3. Concrete Sidewalk Coloring: The originally proposed staining of concrete has been eliminated due to the poor color of the stain. Consideration has been given to the use of epoxy paint (red), however due to high maintenance requirements, DPW recommends elimination of color concrete.

As previously reported, DPW also anticipates that there may be items identified that will need to be addressed once the building is fully occupied and more people use the building. These items (if any) will be addressed after the CO is issued along with any remaining punch list items. DPW would also anticipate the potential for additional furniture items such as book cases and tables.

The City Hall project remains on budget. No additional funding will be required. The current contract amount is \$29,157,792. Total change orders to date are \$1,093,812, representing 3.44% of contract change orders to date (not included: change order adjustments to CM contingencies or contract allowances). The work that remains to be completed is less than \$350,000. **DPW projection of a project surplus remains \$900,000 to \$1,100,000.** The City utilized \$3,700,000 of ARPA (RLOSS) funding to supplement the issuance of bonds (19C15) and prior funding associated with HVAC units (19C14) to fund City Hall construction.

A copy of the monthly reports prepared by the construction manager, D'Amato/Downs Joint Venture (DDJV) and Collier Inc., are attached.

Feel free to contact me at 860-584-6113 to discuss.

Aug 2023						
S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

SEP 2023

Oct 2023						
S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Please note the following highlighter colors denote: GREEN = LOWEST LEVEL, RED = 1 st FLOOR, PINK = 2 nd FLOOR, TURQUOISE = 3 rd FLOOR, and GRAY = FLEXIBLE. MATERIALS ONLY PEOPLE					1	2
3	4 Labor Day	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

Sep 2023						
S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

OCT 2023

Nov 2023						
S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1	MATERIALS ONLY 2 DRAWINGS: Public Works	MATERIALS ONLY 3 DRAWINGS: Public Works	MATERIALS ONLY 4 DRAWINGS: Public Works & Bldg. Dept.	MATERIALS ONLY 5 DRAWINGS: Bldg. Dept.	MATERIALS ONLY 6 DRAWINGS: Bldg. Dept.	7
8	9 Columbus Day	10	11	12	13	14
15	16	17	18	19	20	21
22	PEOPLE 23 Public Works & HR	PEOPLE 24 Mayor, Corp. Counsel & Purchasing	PEOPLE 25 Comp. Dept.: Comptroller	PEOPLE 26 Comp. Dept.: Treas., & Payroll	PEOPLE 27 Bldg. Dept. & ECD. & West Mail Rm	28 Possible Overflow day
29	PEOPLE 30 Tax	PEOPLE 31 Assessors & Vets	1	2	3	4

Oct 2023						
S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

NOV 2023

Dec 2023						
S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
29	30	31	PEOPLE 1 Facilities	PEOPLE 2 Facilities	PEOPLE 3 Overflow day or Cold storage box move to LL	4
5	MATERIALS ONLY 6 Cold storage box move to Lowest Level	MATERIALS ONLY 7 Cold storage box move to Lowest Level	MATERIALS ONLY 8 Cold storage box move to Lowest Level	MATERIALS ONLY 9 Cold storage box move to Lowest Level	10	11 Veterans Day
12	13	14	15	16	17	18
19	20	21	22	23 Thanksgiving Day	24	25
26	MATERIALS ONLY 27 Clerk Vault move from Storage	MATERIALS ONLY 28 Clerk Vault move from Storage	MATERIALS ONLY 29 Clerk Vault move from Storage	MATERIALS ONLY 30 Clerk Vault move from Storage	1	2

Nov 2023						
S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

DEC 2023

Jan 2024						
S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
26	27	28	29	30	1 Clerk Vault move from Webster on carts	2
3	PEOPLE 4 City Clerk	PEOPLE 5 Reg. of Voters	PEOPLE 6 Reg. of Voters & East Mail Rm	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25 Christmas	26	27	28	29	30
31	1	2	3	4	5	6

MONTHLY PROJECT STATUS REPORT

REPORTING PERIOD	From: 9/1/2023	To: 9/30/2023	Date Issued: 10/12/2023
PROJECT MANAGER	Ken Romeo	Owner Contact: Raymond Rogozinski	

1.0 PROJECT DASHBOARD

PROJECT PHASE	CONCEPT / FEASIBILITY	DESIGN	BID / AWARD	CONSTRUCTION (Court & Addition and Renovation)	CLOSEOUT
STATUS	N/A	Complete	Complete	Active	Active
PERCENT COMPLETE	100%	100%	100%	~91%	~20%

1.1 EXECUTIVE SUMMARY

The City of Bristol CT and Colliers Project Leaders (CPL) continue to actively support the project by attending to construction activities, checking the construction schedule, monitoring procurement status, along with observing the onsite construction progress and coordination of the construction team. On an ongoing basis CPL is checking in on the submittal and RFI process while coordinating with the City on items that require input from the Owner. CPL continues to assist the Owner with additional requests, evaluation of additional scope items, and support with integration of Owner Direct contractors such as the materials testing firm, commissioning agent, audio visual, mover, and the furniture fixture & equipment. We facilitate responses to items requiring coordination and or review by the Owner with the design team by hosting weekly meetings to convey information in a timely and clear manner. CPL assists with coordination of City Hall Departments inquiries and site visits as requested by the Department of Public Works. We maintain a site presence at least three times a week to assist with these activities along with attending meetings and coordination with the City Departments. Construction progress reviews with the Building Department continue as requested along with assisting them with information as requested. When not onsite we are monitoring items via email, Procore along with facilitation by phone and virtual meetings. The current construction contract sum/GMP is \$29,108,240.65. The GMP has been adjusted by \$44,366.88 due to a change order since the last report. CPL continues to identify and track potential financial exposure items along with reviewing them on a weekly basis with the team in the project and proposed change cost meetings. The project budget is tracking to be within the financial parameters set by the City of Bristol. The most critical cost exposure items at this moment are the changes due to site conditions, code modification required due to existing building issues, and department requested enhancements.

The project schedule is currently tracking on time. There are a select few items still being procured, manufactured, and then shipping which provides the potential to impact the project schedule. The team continues to investigate pieces with delivery dates that are projected to have a negative impact on the schedule to determine mitigating options to keep the project on track. The submittal process continues at a slowed pace with the majority of the items being associated with close out of the project. DDJV monthly report has further details related to the current submittal status. The coordination of the existing conditions affecting construction has slowed considerably but items continue to come up which are abated. All the items are being managed so that the exposure for potential impacts to the schedule is restricted. The team continues to work through evolving and changing field issues which have the possibility of impacting the project schedule. Weather conditions so far have not caused a significant impact on work progress with the exterior envelope being substantial complete, electrical service work is ongoing in select locations, site work is nearing the end along with landscaping, painting along with millwork are progressing nicely, interior flooring is nearly complete, and the punch list process continues with focus on the second and first floors. The commissioning scope will be in full swing next month with SES leading the process, finish carpentry is nearing completion, and doors with hardware are swinging. The team continues to pay heed to ensure the project is prepared for weather events to ensure they do not impact the progress of the project. The

MONTHLY PROJECT STATUS REPORT

team is addressing field questions also known as Request For Information (RFI) as they come up from the contractors still engaged on the project. The flow of RFIs has slowed with potential of an item to influence the flow of construction narrowing but the team still reviews all these items as a group at the weekly project meeting. Timely responses and team coordination efforts to close these RFIs are still a focus to assist with a successful project completion. The team has been engaged in the closeout process by compiling a log of items required at the end of the project, updating of the record drawings, trade manuals being submitted for review, training schedule being developed, and the conformance set of documents by the design team has been complied not to mention the several inspections of the work. Starting this early coupled with the ongoing commissioning process is assisting in facilitating an efficient closing of the project. Owner direct contractors that continue to work on the site are Dupont the City Clerk vault shelving contractor, Total Communications the telecommunications contractor, RnB the audio-visual contractor, and the furniture vendor. The move back process is underway with meetings and touching base sessions being held with WB Meyer and with the City.

BRISTOL CITY HALL ADDITION & RENOVATIONS MONTHLY REPORT – OCTOBER 2023



Issue Date: 10/12/2023

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Section I - Executive Summary

Mobilization / Site Logistics

All subcontractors are finishing up punch list and are starting to demobilize. Temporary fencing is down. DDJV scheduled a Certificate of Occupancy walk through with Local Authorities for next week.

Demo & Abatement

All abatement and selective demolition work are substantially complete.

Sitework & Landscaping

Sitework landscaping are substantially complete.

Concrete

All structural concrete work is substantially complete.

Structural Steel

All structural steel work is substantially complete.

Miscellaneous Steel

All interior railings are substantially complete. All exterior railings are installed. Added railings have been field measured, made and are currently at galvanizing facility; installation is scheduled for next week.

Exterior Framing & Sheathing

All exterior framing and sheathing are substantially complete.

Curtain Wall, Storefronts, & Glazing

Curtain wall, storefronts, and glazing are substantially complete. Window films, added in change orders, is installed.

Masonry & Air Vapor Barrier

All base contract and change order masonry work is substantially complete.

Roofing

All roofing work is substantially complete. Firestone has performed walkthrough and issued final warranty report. Recently added work to install roof pavers on portion of the roof is scheduled to begin tomorrow.

General Trades

General trades work is substantially complete. Punchlist is nearly finished as well.

MEP & Fire Protection Trades

The building has been energized and is on permanent power. Balancing and chlorination of the domestic water system is complete. The Testing and Air Balancing is complete. The air temperature controls contractor is substantially complete with control wiring and continues to work on programming and debugging the sequence of operations for the HVAC equipment. Owner training sessions will be scheduled after this work is complete. Electrical work is complete for the most part, with minor details being finished this and next week. Commissioning of all systems is starting next week.

Interior Finishes

Interior finishes are substantially complete. Punchlist work is substantially complete 3rd and 2nd Floors, and is ongoing in the Atrium, 1st, and Ground Floors.

Section II - Cost Reports

PCO Log

As of 10/12/2023, there is a total of (305) Potential Change Orders (PCO) that have been or are being compiled. The breakdown is as follows:

- (293) PCO's have been reviewed and approved by the Owner
- (1) PCO have been submitted to the Owner for review
- (15) PCO's are in the process of being prepared for submission
- (28) PCO's have been rejected

Refer to the attached PCO Log for a detailed breakdown of each one.

Every PCO is assigned a letter to indicate its status. The status breakdown is as follows:

- "A" = Approved, and signed off by the Design team and Owner
- "B" = Budget, DDJV assigned an estimate, but a proposal is needed by the subcontractor
- "Q" = Quote, a proposal has been received from the subcontractor, and is being reviewed
- "R" = Review, PCO has been vetted by DDJV and sent to the Design team and Owner for review
- "V" = Void, PCO has been rejected for any particular reason

This coding is important so the project team can sort the log to revive a change or re-cap what has been approved, what is in the budget stage, etc. As responses are returned for RFI's, DDJV will re-evaluate and further develop the PCO log accordingly.

Budget Summary

A full updated budget has been developed and was exported out of Procore (see attached Budget Summary Report). Trade allowances, including allowances held directly by DDJV, are tracked in a separate summary report (see attached Bristol City Hall - Allowance Log).

Allowance Log

As outlined on the attached Bristol City Hall - Allowance Log, there are (7) pending charges. Some charges have been applied to certain allocated allowances, as shown on the Log. With the upcoming Proposal Requests, DDJV anticipates charges to other line items within the provided log. DDJV would present this information on monthly basis.

Section III - Document Summary Logs

- RFI Log, dated 10/11/2023
- Submittal Log, dated 10/11/2023
- Drawing Log, dated 10/11/2023

- Specifications Log, 10/11/2023

Section IV - Schedule Update

See attached updated BCH - Construction Schedule – September 2023, dated 9/12/2023.

Section V - Progress Photos

Progress photos are attached showing the construction progress through 10/11/2023.

Bristol City Hall Renovation and Addition
Proposed Change Order Log

						LEGEND	STATUS		
						A	APPROVED		
						B	BUDGET		
						Q	QUOTE		
						R	SUBMITTED FOR REVIEW		
						V	VOID		
PCO NO.	DESCRIPTION	SUBCONTRACTORS	CM CONTINGENCY		OWNER CONTINGENCY		PCO STATUS	COMMENTS	GMP CO NO.
100	PR #03 - New Fire Water Line GMP Allowance - Owner Requested Changes	D'Amato Sitework Ferguson Mechanical DDJV			\$ 64,705.41		A		6
					\$ 4,354.00		A		6
					\$ (69,059.41)		A		6
					\$ -		A		6
101	VOID - PR #04 - Revised Elevator Shaft						V	Confirmed no cost.	
							V		
102	PR #05R1 - Additional Site Electrical Outlets GMP Allowance - Owner Requested Changes	D'Amato Sitework Ferguson Electric DDJV			\$ 1,071.40		A		7
					\$ 8,528.00		A		7
					\$ (9,599.40)		A		7
					\$ -		A		7
103	PR #06 - Added Plumbing Fixtures GMP Allowance - Owner Requested Changes	Acoustics Downes Construction Ferguson Electric Ferguson Mechanical DDJV			\$ 2,646.59		A		7
					\$ 5,152.00		A		7
					\$ 8,697.00		A		7
					\$ 63,361.00		A		7
					\$ (79,856.59)		A		7
					\$ -		A		7
104	VOID - PR #07 - Staff Lounge Enclosures						V	See PCO #248.	
							V		
105	VOID - PR #08 - Roller Window Shades and Door Film						V	See PCO #271.	
							V		
106	RFI #33 - Underground Tank Removal and Disposal	D'Amato Sitework Insurance Bond CM Fee			\$ 16,904.80		A		6
					\$ 118.33		A		6
					\$ 136.19		A		6
					\$ 317.45		A		6
					\$ 17,476.77		A		6
					\$ (2,250.00)		A		5
107	Credit for Temporary Fire Extinguishers	Synergy Fire Systems			\$ (2,250.00)		A		5
					\$ (2,250.00)		A		5
108	VOID - PR #09 - Update Building Electrical Service						V	PR rejected by Owner.	
							V		
109	RFI #36 - New Council Chambers Dais	Downes Construction Insurance Bond CM Fee			\$ 47,256.18		A		8
					\$ 330.79		A		8
					\$ 380.70		A		8
					\$ 887.40		A		8
					\$ 48,855.07		A		8
110	Demo & Hazmat Unit Price Adds and Credits GMP Allowance - Unforeseen Hazardous Material Removal	Accurate Insulation DDJV			\$ 12,942.50		A		6
					\$ (12,942.50)		A		6
					\$ -		A		6
111	Credit for AISC Certified Steel Erector	Steeltech			\$ (33,000.00)		A		5
					\$ (33,000.00)		A		5
112	VOID - RFI #43 - Type R2A Light Fixtures in IT Closets						V	Lights were added in Addendum #2.	
							V		
113	RFI #70 - Matching Atrium Handrail on Gypsum Wall	Cherry Hill Glass Steeltech	\$ 17,909.41				A		7
			\$ (9,213.66)				A		7
			\$ 8,695.75				A		7
114	PR #12 - Added Housekeeping Pads	D'Amato Concrete Insurance Bond CM Fee			\$ 9,366.50		A		7
					\$ 65.57		A		7
					\$ 75.46		A		7
					\$ 175.89		A		7
					\$ 9,683.41		A		7
115	VOID - Added Fire Dampers on Ground and 2nd Floors						V	Base Contract Work.	
							V		



Bristol City Hall Renovation and Addition
Proposed Change Order Log

						LEGEND	STATUS		
						A	APPROVED		
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						Q	QUOTE		
						R	SUBMITTED FOR REVIEW		
						V	VOID		
PCO NO.	DESCRIPTION	SUBCONTRACTORS	CM CONTINGENCY		OWNER CONTINGENCY		PCO STATUS	COMMENTS	GMP CO NO.
116	VOID - PR #15 - Seating Wall and Planter at Atrium						V	Owner rejected PCO. DDJV is proceeding with base contract concrete design.	
							V		
117	Tackboards Eliminated from Various Rooms	Downes Construction			\$ (5,842.43)		A		7
						\$ (5,842.43)	A		7
118	VOID - Changes to Carpet CPT1, CPT3, CPT4						V	MF Higgins confirmed no cost impact.	
							V		
119	RFI #108 - Perimeter CMU Anchoring & Slab Infills	Acoustics			\$ 29,836.24		A		5
		D'Amato Concrete			\$ 9,259.80		A		5
		Steeltech			\$ 31,695.05		A		5
		Insurance			\$ 495.54		A		5
		Bond			\$ 570.29		A		5
		CM Fee			\$ 1,329.35		A		5
						\$ 73,186.27	A		5
120	RFI #38 - Bypass Feeder Piping for Boiler Pumps	Ferguson Mechanical	\$ 3,709.00		\$ 3,709.00		A		8
		Insurance			\$ 25.96		A		8
		Bond			\$ 29.88		A		8
		CM Fee			\$ 69.65		A		8
			\$ 3,709.00			\$ 3,834.49	A		8
121	Upsized MDP Breaker for Panel EHP	Ferguson Electric			\$ 9,047.00		A		7
		Insurance			\$ 63.33		A		7
		Bond			\$ 72.88		A		7
		CM Fee			\$ 169.89		A		7
						\$ 9,353.10	A		7
122	PR #21 - Emergency Power for IT Equipment	Ferguson Electric			\$ 12,764.00		A		8
		Insurance			\$ 89.35		A		8
		Bond			\$ 102.83		A		8
		CM Fee			\$ 239.69		A		8
						\$ 13,195.86	A		8
123	RFI #111 - Elevator Machine Room Wall Demo	CT Mason	\$ 2,584.12				A		6
			\$ 2,584.12				A		6
124	VOID - RFI #132 - Lighting Updates for Elevator Code Requirements						V	State Elevator Code requires lighting changes that are not depicted in the contract documents.	
							V		
							V		
125	PR #10 - Eversource Requirements	D'Amato Sitework			\$ 974.60		A		7
		Ferguson Electric			\$ 20,805.00		A		7
		Insurance			\$ 152.46		A		7
		Bond			\$ 175.46		A		7
		CM Fee			\$ 408.99		A		7
						\$ 22,516.50	A		7
126	PR #16 - Public Address System	Ferguson Electric			\$ (46,401.00)		A		8
		Net Services			\$ 22,747.79		A		8
						\$ (23,653.21)	A		8
127	PR #18 - Reduction of Panic Buttons	Ferguson Electric			\$ (5,835.00)		A		8
						\$ (5,835.00)	A		8
128	PR #20 - Technology Updates	Ferguson Electric			\$ 1,518.00		A		8
		Net Services			\$ 15,368.74		A		8
		Insurance			\$ 118.21		A		8
		Bond			\$ 136.04		A		8
		CM Fee			\$ 317.11		A		8
						\$ 17,458.10	A		8
129	RFI #113 - Granite Curbing Alternate	D'Amato Sitework			\$ 5,483.50		A		6



Bristol City Hall Renovation and Addition
Proposed Change Order Log

LEGEND	STATUS
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V	VOID

PCO NO.	DESCRIPTION	SUBCONTRACTORS	CM CONTINGENCY		OWNER CONTINGENCY		PCO STATUS	COMMENTS	GMP CO NO.
		Insurance			\$	38.38	A		6
		Bond			\$	44.18	A		6
		CM Fee			\$	102.97	A		6
						\$ 5,669.03	A		6
130	PR #13 - Parks and Rec Department Removal	Acoustics			\$	(12,435.78)	A		7
		Central Conn Acoustics			\$	(8,744.00)	A		7
		Downes Construction			\$	(30,468.80)	A		7
		Ferguson Electric			\$	9,371.00	A		7
		Ferguson Mechanical			\$	(19,637.00)	A		7
		M&P Painting			\$	(3,206.30)	A		7
		M. Frank Higgins			\$	(13,526.00)	A		7
		Net Services			\$	(19,419.58)	A		7
		Synergy Fire Systems			\$	(800.00)	A		7
						\$ (98,866.46)	A		7
131	PR #17 - Storm Drainage Updates	D'Amato Sitework			\$	2,321.00	A		7
		Ferguson Mechanical			\$	7,016.00	A		7
		Insurance			\$	65.36	A		7
		Bond			\$	75.22	A		7
		CM Fee			\$	175.34	A		7
						\$ 9,652.91	A		7
132	RFI #139 - Added Wall in Staff Lounge 301	Acoustics			\$	2,580.26	A		6
		Insurance			\$	18.06	A		6
		Bond			\$	20.79	A		6
		CM Fee			\$	48.45	A		6
						\$ 2,667.56	A		6
133	RFI #30 - Additional Railing at the Basement Loading Area	Steeltech			\$	12,154.82	A		6
		Insurance			\$	85.08	A		6
		Bond			\$	97.92	A		6
		CM Fee			\$	228.25	A		6
						\$ 12,566.07	A		6
134	RFI #136, 152 - Condensate Drain for AHU-1 and FC-1	Ferguson Mechanical			\$	6,349.00	A		7
		Insurance			\$	44.44	A		7
		Bond			\$	51.15	A		7
		CM Fee			\$	119.22	A		7
						\$ 6,563.82	A		7
135	VOID - Condensate Drain for FC-1						V	Included with PCO #134	
							V		
136	Credit for Coring Existing Concrete Slabs	M. Frank Higgins			\$	(3,500.00)	A		6
						\$ (3,500.00)	A		6
137	RFI #62 - RTU-4 Roof Safety Railings	Steeltech			\$	13,151.87	A		6
	GMP Allowance - Permanent Railings at RTU Equipment	Silktown Roofing			\$	4,208.00	A		6
		DDJV			\$	(17,359.87)	A		6
						\$ -	A		6
138	VOID - Parapet Extension & Roof Screens						V	Confirmed no cost.	
							V		
139	PR #19 - Door Schedule Updates	Downes Construction			\$	11,163.90	A		6
		Insurance			\$	78.15	A		6
		Bond			\$	89.94	A		6
		CM Fee			\$	209.64	A		6
						\$ 11,541.63	A		6
140	PR #11 - Fuel Tank Monitoring System	D'Amato Sitework			\$	1,071.40	A		8



Bristol City Hall Renovation and Addition
Proposed Change Order Log

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PCO NO.	DESCRIPTION	SUBCONTRACTORS	CM CONTINGENCY		OWNER CONTINGENCY		PCO STATUS	COMMENTS	GMP CO NO.
		Ferguson Electric			\$	5,526.00	A		8
		Insurance			\$	46.18	A		8
		Bond			\$	53.15	A		8
		CM Fee			\$	123.89	A		8
					\$ 6,820.62		A		8
141	RFI #73 - EV Charging Station	D'Amato Sitework			\$	3,120.70	A		8
		Ferguson Electric			\$	18,230.00	A		8
		Net Services			\$	1,677.38	A		8
	GMP Allowance - Owner Requested Changes	DDJV			\$	(23,028.08)	A		8
					\$ -		A		8
142	RFI #71 - Covers for Concrete Expansion Joints	Acoustics	\$	4,515.00			A		11
			\$ 4,515.00				A		11
143	RFI #98 - Finish for Existing Stairwell Walls	Acoustics			\$	70,109.53	A		9
		M. Frank Higgins			\$	12,281.00	A		9
		Insurance			\$	576.73	A		9
		Bond			\$	663.74	A		9
		CM Fee			\$	1,547.17	A		9
					\$ 85,178.18		A		9
144	RFI #99 - Finish on Existing Concrete Columns	Acoustics			\$	10,370.81	A		7
		Insurance			\$	72.60	A		7
		Bond			\$	83.55	A		7
		CM Fee			\$	194.75	A		7
					\$ 10,721.70		A		7
145	RFI #100 - Southwest Window Well Louvers and Windows	Cherry Hill Glass			\$	7,529.28	A		7
		Insurance			\$	52.70	A		7
		Bond			\$	60.66	A		7
		CM Fee			\$	141.39	A		7
					\$ 7,784.03		A		7
146	RFI #122 - Refinishing Skybridge Handrails	Downes Construction	\$	14,601.18			A		10
		Steeltech	\$	2,254.45			A		10
		Ferguson Electric	\$	1,436.00			A		10
			\$ 18,291.63				A		10
147	PR #22R1 - Misc. Owner Changes	Acoustics			\$	2,884.66	A		8
		Downes Construction			\$	(3,322.43)	A		8
		M. Frank Higgins			\$	(436.00)	A		8
		Ferguson Electric			\$	7,363.00	A		8
		Synergy Fire Systems			\$	1,170.00	A		8
		Insurance			\$	53.61	A		8
		Bond			\$	61.70	A		8
		CM Fee			\$	143.83	A		8
					\$ 7,918.38		A		8
148	RFI #156 - Replacement for Discontinued NVR	Ferguson Electric			\$	9,213.00	A		7
		Insurance			\$	64.49	A		7
		Bond			\$	74.22	A		7
		CM Fee			\$	173.01	A		7
					\$ 9,524.72		A		7
149	VOID - PR #03 - Balance of Site Work						V	GMP Allowance funded full amount of PCO #100.	
							V		
150	RFI #55 - Segmented Linear Floor Diffusers	Ferguson Mechanical	\$	(754.00)			A		8
		Steeltech	\$	2,586.61			A		8
			\$ 1,832.61				A		8



Bristol City Hall Renovation and Addition
Proposed Change Order Log

						LEGEND	STATUS		
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						V	VOID		
PCO NO.	DESCRIPTION	SUBCONTRACTORS	CM CONTINGENCY		OWNER CONTINGENCY		PCO STATUS	COMMENTS	GMP CO NO.
151	Credit for Access Control Server	Ferguson Electric			\$ (7,325.00)		A		6
					\$ (7,325.00)		A		6
152	Added and Eliminated Steel at Slab Infills and Openings	Steeltech			\$ 1,160.56		A		7
		Insurance			\$ 8.12		A		7
		Bond			\$ 9.35		A		7
		CM Fee			\$ 21.79		A		7
					\$ 1,199.83		A		7
153	Credit for Boiler Abatement and Elevator Brake Removal	Accurate Insulation			\$ (7,700.00)		A		7
					\$ (7,700.00)		A		7
154	Prepping Existing Concrete Slabs for Flooring	Accurate Insulation			\$ 36,647.60		A		7
		M. Frank Higgins			\$ (46,209.00)		A		7
					\$ (9,561.40)		A		7
155	PR #19 - Access Control Updates for Updated Door Schedule	Ferguson Electric			\$ 9,211.00		A		8
		Insurance			\$ 64.48		A		8
		Bond			\$ 74.20		A		8
		CM Fee			\$ 172.97		A		8
					\$ 9,522.65		A		8
156	Increased Steel Size for Atrium Stairs	Steeltech	\$ 6,886.55				A		7
			\$ 6,886.55				A		7
157	PR #23 - Updated Electrical Room	Ferguson Mechanical			\$ 3,787.00		A		8
		Synergy Fire Systems			\$ 1,092.00		A		8
		Insurance			\$ 34.15		A		8
		Bond			\$ 39.31		A		8
		CM Fee			\$ 91.62		A		8
					\$ 5,044.08		A		8
158	Updates to Toilet and Bath Accessories	Downes Construction			\$ (3,680.95)		A		10
					\$ (3,680.95)		A		10
159	VOID - RFI #166 - Additional Transfer Duct for Room 209						V	Confirmed no cost.	
							V		
160	RFIs #195, 199 - Hot Water Supply & Return for VAVs	Ferguson Mechanical			\$ 14,346.00		A		8
		Insurance			\$ 100.42		A		8
		Bond			\$ 115.57		A		8
		CM Fee			\$ 269.40		A		8
					\$ 14,831.39		A		8
161	RFI #197 - Patch Existing Pipe Penetrations in Concrete Slabs	Acoustics			\$ 5,575.91		A		8
		D'Amato Concrete			\$ 1,436.05		A		8
	GMP Allowance - Slab Patching & Repair	DDJV			\$ (7,011.96)		A		8
					\$ -		A		8
162	VOID - RFI #168 - Patch Existing Masonry Walls						V	Applied to CT Mason's allowance.	
							V		
163	RFI #206 - Insulated Panel at Existing Window Well Opening	Cherry Hill Glass			\$ 1,099.82		A		8
		Insurance			\$ 7.70		A		8
		Bond			\$ 8.86		A		8
		CM Fee			\$ 20.65		A		8
					\$ 1,137.03		A		8
164	Credit for Elevator Wall Panel Adhesive Abatement	Accurate Insulation			\$ (1,875.00)		A		7
					\$ (1,875.00)		A		7
165	RFI #177 - Access Control at Communications 020	Ferguson Electric			\$ 3,919.00		A		8
		Insurance			\$ 27.43		A		8
		Bond			\$ 31.57		A		8
		CM Fee			\$ 73.59		A		8



Bristol City Hall Renovation and Addition
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						LEGEND	STATUS		
						A	APPROVED		
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						Q	QUOTE		
						R	SUBMITTED FOR REVIEW		
						V	VOID		
PCO NO.	DESCRIPTION	SUBCONTRACTORS	CM CONTINGENCY		OWNER CONTINGENCY		PCO STATUS	COMMENTS	GMP CO NO.
					\$	4,051.60	A		8
166	RFI #202 - Eliminate Standpipe and Hose Valve Cabinets	Synergy Fire Systems			\$	(4,287.00)	A		7
					\$	(4,287.00)	A		7
167	RFI #201 - Eliminate Window Sprinklers	Synergy Fire Systems			\$	(4,855.00)	A		8
					\$	(4,855.00)	A		8
168	VOID - RFI #191 - Replace Existing Penthouse Floor Drain						V	Proceeding with base contract.	
							V		
169	RFI #176 - Additional Roof Opening Support Steel	Steeltech Insurance Bond CM Fee			\$	25,587.91	A		7
					\$	179.12	A		7
					\$	206.14	A		7
					\$	480.50	A		7
					\$	26,453.67	A		7
170	RFI #115 - Doghouse Enclosures for RTU Duct Drops	Acoustics Silktown Roofing Insurance Bond CM Fee			\$	4,629.11	A		8
					\$	10,131.03	A		8
					\$	103.32	A		8
					\$	118.91	A		8
					\$	277.17	A		8
171	RFI #215 - Removal of ACM at Existing South Vestibule	Accurate Insulation Insurance Bond CM Fee			\$	8,330.00	A		7
					\$	58.31	A		7
					\$	67.11	A		7
					\$	156.43	A		7
					\$	8,611.84	A		7
172	Additional Slab Opening Infills GMP Allowance - Slab Patching & Repair	D'Amato Concrete Steeltech DDJV			\$	4,123.90	A		8
					\$	2,755.75	A		8
					\$	(6,879.65)	A		8
173	Unsuitable Soil Replacement GMP Allowance - Slab Patching & Repair	D'Amato Sitework DDJV			\$	4,746.50	A		8
					\$	(4,746.50)	A		8
					\$	-	A		8
174	RFI #203 - AVB at Existing Curtain Wall Openings	CT Mason Insurance Bond CM Fee			\$	48,755.15	A		8
					\$	341.29	A		8
					\$	392.77	A		8
					\$	915.55	A		8
					\$	50,404.76	A		8
175	RFI #218 - Vertical Steel Supports for Atrium Stairs	Steeltech	\$	4,295.61			A		8
				\$	4,295.61		A		8
176	RFI #180 - Standby Power for Cooling in IT Closets	Ferguson Electric Ferguson Mechanical Insurance Bond CM Fee			\$	4,850.00	A		8
					\$	7,390.00	A		8
					\$	85.68	A		8
					\$	98.61	A		8
					\$	229.85	A		8
177	PR #19R1 - Balance of Updates to Doors, Frames, Hardware	Downes Construction Insurance Bond CM Fee			\$	30,710.90	A		9
					\$	214.98	A		9
					\$	247.41	A		9
					\$	576.71	A		9
					\$	31,749.99	A		9
178	RFI #35 - Updated Decorative Wood Canopies	Downes Construction Insurance Bond			\$	1,328.36	A		11
					\$	9.30	A		11
					\$	10.70	A		11



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PCO NO.	DESCRIPTION	SUBCONTRACTORS	CM CONTINGENCY		OWNER CONTINGENCY		PCO STATUS	COMMENTS	GMP CO NO.
		CM Fee			\$ 24.94		A		11
						\$ 1,373.30	A		11
179	RFI #214 - Spray Foam Insulation Exterior Walls	Accurate Insulation	\$ 42,366.00		\$ 42,366.00		A		8
		Acoustics	\$ 2,577.01		\$ 2,577.01		A		8
		Insurance			\$ 314.60		A		8
		Bond			\$ 362.06		A		8
		CM Fee			\$ 843.96		A		8
			\$ 44,943.01		\$ 46,463.64		A		8
180	RFI #183, 189 - Landings at Stair 1 and Penthouse Doors	D'Amato Concrete			\$ 5,991.15		A		9
		Steeltech			\$ 7,955.31		A		9
	GMP Allowance - Permanent Railings at RTU Equipment	DDJV			\$ (2,640.13)		A		9
		Insurance			\$ 79.14		A		9
		Bond			\$ 91.08		A		9
		CM Fee			\$ 212.32		A		9
					\$ 11,688.87		A		9
181	PR #28 - Intercom System at Department Entries	Ferguson Electric			\$ 30,347.00		A		11
		Net Services			\$ 6,229.26		A		11
		Insurance			\$ 256.03		A		11
		Bond			\$ 294.66		A		11
		CM Fee			\$ 686.85		A		11
					\$ 37,813.80		A		11
182	PR #14 - RTU Feeder Upsize	Ferguson Electric			\$ 10,234.00		A		8
		Insurance			\$ 71.64		A		8
		Bond			\$ 82.45		A		8
		CM Fee			\$ 192.18		A		8
					\$ 10,580.26		A		8
183	PR #25R1 - Maintenance Garage Renovation	D'Amato Sitework			\$ 8,632.80		A		12
		Ferguson Electric			\$ 14,602.00		A		12
		Ferguson Mechanical			\$ 41,281.00		A		12
		M&P Painting			\$ 9,820.36		A		12
		Insurance			\$ 520.35		A		12
		Bond			\$ 598.85		A		12
		CM Fee			\$ 1,395.92		A		12
			\$ -		\$ 76,851.29		A		12
184	VOID - RFI #226 - Acoustical Ceilings in Rooms 110, 208, 211C, 313D						V	Changes picked up in PR #31.	
							V		
185	RFI #164 - Insulation for Condensate Piping	Ferguson Mechanical			\$ 2,697.00		A		8
		Insurance			\$ 18.88		A		8
		Bond			\$ 21.73		A		8
		CM Fee			\$ 50.65		A		8
					\$ 2,788.25		A		8
186	RFI #231 - Added Hose Bib on Low Roof	Ferguson Mechanical			\$ 5,672.00		A		10
		Insurance			\$ 39.70		A		10
		Bond			\$ 45.69		A		10
		CM Fee			\$ 106.51		A		10
					\$ 5,863.91		A		10
187	VOID - Site Flagpole Finish						V	Owner rejected PCO. DDJV is proceeding with base contract.	
							V		
188	RFI #190 - Building Ground Water Control System	D'Amato Concrete			\$ 7,223.29		A		11
		Ferguson Mechanical			\$ 22,404.00		A		11



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PCO NO.	DESCRIPTION	SUBCONTRACTORS	CM CONTINGENCY		OWNER CONTINGENCY		PCO STATUS	COMMENTS	GMP CO NO.
		Ferguson Electric			\$	7,351.00	A		11
		Insurance			\$	258.85	A		11
		Bond			\$	297.90	A		11
		CM Fee			\$	694.40	A		11
					\$ 38,229.43		A		11
189	VOID - RFI #245 - Credit for Eliminating Insulation						V	Confirmed the insulation is being installed.	
							V		
190	PR #30R1 - Modifications to Building Roof and Exterior	Acoustics			\$	2,862.40	A		12
		Cherry Hill Glass			\$	3,607.04	A		12
		CT Mason			\$	4,123.44	A		12
		Silktown Roofing			\$	6,239.70	A		12
		Insurance			\$	117.83	A		12
		Bond			\$	135.60	A		12
		CM Fee			\$	316.09	A		12
					\$ 17,402.10		A		12
191	PR #29 - City Requested Changes	Acoustics			\$	5,738.68	A		11
		Downes Construction			\$	8,683.84	A		11
		Ferguson Electric			\$	6,173.00	A		11
	GMP Allowance - Owner Requested Changes	DDJV			\$	(5,738.68)	A		11
		Insurance			\$	104.00	A		11
		Bond			\$	119.69	A		11
		CM Fee			\$	278.99	A		11
					\$ 15,359.51		A		11
192	RFI#238 - Reinstall Existing Limestone on East Façade	CT Mason			\$	4,251.46	A		9
		Insurance			\$	29.76	A		9
		Bond			\$	34.25	A		9
		CM Fee			\$	79.84	A		9
					\$ 4,395.31		A		9
193	RFI #251 - Sanitary Backflow Preventer	D'Amato Sitework			\$	1,106.68	A		10
		Insurance			\$	7.75	A		10
		Bond			\$	8.92	A		10
		CM Fee			\$	20.78	A		10
					\$ 1,144.12		A		10
194	PR #31 - Added Pipe Chases and ACT Ceilings	Acoustics			\$	816.04	A		10
		Central Conn Acoustics			\$	1,436.00	A		10
		Insurance			\$	15.76	A		10
		Bond			\$	18.14	A		10
		CM Fee			\$	42.29	A		10
					\$ 2,328.24		A		10
195	PR #32 - Updated Roller Window Shade Enclosures	Acoustics			\$	-	A		10
		Downes Construction			\$	14,560.70	A		10
	GMP Allowance - Owner Requested Changes	DDJV			\$	(14,560.70)	A		10
					\$ -		A		10
196	RFI #248 - Council Chambers Roof Ladder	Steeltech			\$	3,903.37	A		9
		Insurance			\$	27.32	A		9
		Bond			\$	31.45	A		9
		CM Fee			\$	73.30	A		9
					\$ 4,035.44		A		9
197	RFI #260 - Tax Office Facade Revisions	Cherry Hill Glass			\$	1,476.64	A		10



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PCO NO.	DESCRIPTION	SUBCONTRACTORS	CM CONTINGENCY		OWNER CONTINGENCY		PCO STATUS	COMMENTS	GMP CO NO.
		Insurance			\$	10.34	A		10
		Bond			\$	11.90	A		10
		CM Fee			\$	27.73	A		10
						\$ 1,526.60	A		10
198	RFI #228 - Downspout Nozzles	Ferguson Mechanical			\$	1,493.00	A		9
		Insurance			\$	10.45	A		9
		Bond			\$	12.03	A		9
		CM Fee			\$	28.04	A		9
						\$ 1,543.51	A		9
199	RFI #246 - Additional Intrusion Keypad	Ferguson Electric			\$	1,378.00	A		9
		Insurance			\$	9.65	A		9
		Bond			\$	11.10	A		9
		CM Fee			\$	25.88	A		9
						\$ 1,424.62	A		9
200	RFI #241 - Skybridge Exterior Painting	M&P Painting			\$	2,667.90	A		10
		Insurance			\$	18.68	A		10
		Bond			\$	21.49	A		10
		CM Fee			\$	50.10	A		10
						\$ 2,758.17	A		10
201	Modify Temporary Window Enclosures	Downes Construction	\$	7,412.68			A		10
				\$ 7,412.68			A		10
202	RFI #223 - Sanitary and Beam Conflict at 1st Floor Bathrooms	Ferguson Mechanical			\$	5,077.00	A		10
		Insurance			\$	35.54	A		10
		Bond			\$	40.90	A		10
		CM Fee			\$	95.34	A		10
						\$ 5,248.78	A		10
203	RFI #92 - Updated Storm Line Routing	Ferguson Mechanical			\$	13,054.00	A		11
		D'Amato Sitework			\$	446.60	A		11
		Insurance			\$	94.50	A		11
		Bond			\$	108.76	A		11
		CM Fee			\$	253.52	A		11
						\$ 13,957.39	A		11
204	Sleeves for Communications Cabling	Ferguson Electric	\$	8,623.00			A		10
				\$ 8,623.00			A		10
205	Additional Color for ACM Panels GMP Allowance - Material Procurement Mitigation	Cherry Hill Glass DDJV			\$	2,640.00	A		10
					\$	(2,640.00)	A		10
						\$ -	A		10
206	Mineral Wool Insulation for Doghouses	Acoustics			\$	1,281.76	A		10
		Insurance			\$	8.97	A		10
		Bond			\$	10.33	A		10
		CM Fee			\$	24.07	A		10
						\$ 1,325.13	A		10
207	RFI #236 - Domestic Water Meter Bypass	Ferguson Mechanical	\$	5,006.00			A		10
				\$ 5,006.00			A		10
208	RFI #189 - New Door Frame for Opening S401	Downes Construction			\$	631.47	A		10
		Insurance			\$	4.42	A		10
		Bond			\$	5.09	A		10
		CM Fee			\$	11.86	A		10
						\$ 652.84	A		10



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PCO NO.	DESCRIPTION	SUBCONTRACTORS	CM CONTINGENCY		OWNER CONTINGENCY		PCO STATUS	COMMENTS	GMP CO NO.
209	RFI #277 - Additional Roof Walkway Pads	Silktown Roofing Insurance Bond CM Fee			\$	5,489.32	A		10
					\$	38.43	A		10
					\$	44.22	A		10
					\$	103.08	A		10
						\$ 5,675.05	A		10
210	RFI #257 - Power for Vault Door Closer	Ferguson Electric Insurance Bond CM Fee			\$	1,928.00	A		10
					\$	13.50	A		10
					\$	15.53	A		10
					\$	36.21	A		10
						\$ 1,993.23	A		10
211	RFI #221 - Credit for Type SK Sinks in Staff Lounges	Ferguson Mechanical			\$	(1,417.00)	A		10
						\$ (1,417.00)	A		10
212	PR #27 - ADA Shower Update	Ferguson Mechanical			\$	-	A		10
						\$ -	A		10
213	VOID - PR #34 - Added Electrical Handhole						V	Owner rejected PCO. DDJV is proceeding with base contract.	
							V		
214	Credit for Fiberglass Roof Ladders	Silktown Roofing			\$	(1,600.00)	A		10
						\$ (1,600.00)	A		10
215	RFI #254 - Updates to 1st Floor of North Stair	Cherry Hill Glass Downes Construction			\$	(2,271.20)	A		12
					\$	1,588.66	A		12
						\$ (682.54)	A		12
216	PR #36 - Updated Site Electrical and Lighting	D'Amato Sitework Ferguson Electric Insurance Bond CM Fee			\$	5,335.00	A		13
					\$	37,572.00	A		13
					\$	300.35	A		13
					\$	345.66	A		13
					\$	805.73	A		13
						\$ 44,358.74	A		13
217	RFI #285 - Atrium Stair Railing Upgrade	Cherry Hill Glass Insurance Bond CM Fee			\$	13,422.20	A		11
					\$	93.96	A		11
					\$	108.13	A		11
					\$	252.05	A		11
						\$ 13,876.33	A		11
218	PR #33 - Eliminated Millwork and Added Opening 107A	Downes Construction Insurance Bond CM Fee			\$	3,234.84	A		12
					\$	22.64	A		12
					\$	26.06	A		12
					\$	60.75	A		12
						\$ 3,344.29	A		12
219	RFI #268 - Reduced Quantity of Power Supplies	Downes Construction			\$	(10,018.00)	A		11
						\$ (10,018.00)	A		11
220	RFI #269 - Enclosures for Corridor S1 Light Fixtures	Downes Construction	\$	14,829.51			A		11
				\$ 14,829.51			A		11
221	Type S1 Light Fixture Update	Ferguson Electric	\$	1,759.00			A		11
				\$ 1,759.00			A		11
222	RFI #222 - South Vestibule Modifications GMP Allowance - Additional Supplementary Steel	Acoustics Cherry Hill Glass Steeltech DDJV Insurance Bond			\$	1,489.90	A		13
					\$	2,867.25	A		13
					\$	4,371.77	A		13
					\$	(4,371.77)	A		13
					\$	30.50	A		13
					\$	35.10	A		13
							A		13



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PCO NO.	DESCRIPTION	SUBCONTRACTORS	CM CONTINGENCY		OWNER CONTINGENCY		PCO STATUS	COMMENTS	GMP CO NO.
		CM Fee			\$ 81.82		A		13
						\$ 4,504.57	A		13
223	Reconcile Portion of Utility Consumption Allowance GMP Allowance - Utility Consumption	DDJV			\$ (24,127.62)		A		11
						\$ (24,127.62)	A		11
224	RFI #275 - Revisions to Duct Shafts	Acoustics			\$ 9,981.68		A		12
		Ferguson Mechanical			\$ 7,124.00		A		12
		Insurance			\$ 119.74		A		12
		Bond			\$ 137.80		A		12
		CM Fee			\$ 321.22		A		12
						\$ 17,684.44	A		12
225	Custom Color Sprinkler Cover Plates GMP Allowance - Material Procurement Mitigation	Synergy Fire Systems			\$ 935.00		A		11
		DDJV			\$ (935.00)		A		11
						\$ -	A		11
226	PR #40 - Skybridge Improvements	Cherry Hill Glass			\$ 33,090.93		A		16
		M&P Painting			\$ 20,859.96		A		16
		Silktown Roofing			\$ 6,610.86		A		16
		Insurance			\$ 423.93		A		16
		Bond			\$ 487.89		A		16
		CM Fee			\$ 1,137.26		A		16
						\$ 62,610.83	A		16
227	RFI #288 - Added Panels to Council Chamber Soffits	Downes Construction			\$ 988.00		A		12
		M&P Painting			\$ 502.06		A		12
		Insurance			\$ 10.43		A		12
		Bond			\$ 12.00		A		12
		CM Fee			\$ 27.98		A		12
						\$ 1,540.48	A		12
228	RFI #295 - Added Millwork in Library 306A GMP Allowance - Material Procurement Mitigation	Downes Construction			\$ 15,947.01		A		11
		DDJV			\$ (15,947.01)		A		11
						\$ -	A		11
229	RFI #256 - Fire Rating Improvements at North & South Stairwells	Acoustics			\$ 5,958.44		A		11
		D'Amato Concrete			\$ 1,621.55		A		11
		Insurance			\$ 53.06		A		11
		Bond			\$ 61.06		A		11
		CM Fee			\$ 142.34		A		11
						\$ 7,836.46	A		11
230	RFI #297 - Updated Duct Drop Flashing	Silktown Roofing			\$ 11,388.83		A		12
		Insurance			\$ 79.72		A		12
		Bond			\$ 91.75		A		12
		CM Fee			\$ 213.87		A		12
						\$ 11,774.17	A		12
231	Updated Maintenance Garage Coiling Doors	Downes Construction			\$ (39,100.00)		A		11
						\$ (39,100.00)	A		11
232	RFI #281 - North Entrance Storefront Sill	D'Amato Concrete			\$ 3,666.30		A		12
		Insurance			\$ 25.66		A		12
		Bond			\$ 29.54		A		12
		CM Fee			\$ 68.85		A		12
						\$ 3,790.35	A		12
233	RFI #286 - West Side Entrance Updates	CT Mason			\$ 4,546.10		A		13



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		Cherry Hill Glass			\$	2,289.10	A		13
		Ferguson Electric			\$	1,268.00	A		13
		Insurance			\$	56.72	A		13
		Bond			\$	65.28	A		13
		CM Fee			\$	152.17	A		13
					\$ 8,377.37		A		13
234	RFI #294 - Atrium Exterior Expansion Joints	Acoustics			\$	3,990.00	A		13
		Insurance			\$	27.93	A		13
		Bond			\$	32.14	A		13
		CM Fee			\$	74.93	A		13
					\$ 4,125.00		A		13
235	PR #37 - City Requested Revisions	Acoustics			\$	2,202.39	A		12
	GMP Allowance - Owner Requested Changes	Downes Construction			\$	11,279.18	A		12
		DDJV			\$	(13,481.57)	A		12
					\$ -		A		12
236	PR #35 - Additional Electrical Updates	Ferguson Electric			\$	36,243.00	A		13
		Net Services			\$	23,544.48	A		13
		Insurance			\$	418.51	A		13
		Bond			\$	481.65	A		13
		CM Fee			\$	1,122.72	A		13
					\$ 61,810.36		A		13
237	RFI #272 - Steel Support Angle for South Curtain Wall	Cherry Hill Glass			\$	1,104.33	A		11
		Insurance			\$	7.73	A		11
		Bond			\$	8.90	A		11
		CM Fee			\$	20.74	A		11
					\$ 1,141.69		A		11
238	RFI #291 - North Vestibule Ramp Railing Support	Steeltech			\$	7,468.77	A		12
		Insurance			\$	52.28	A		12
		Bond			\$	60.17	A		12
		CM Fee			\$	140.25	A		12
					\$ 7,721.47		A		12
239	RFI #298 - Steel Support Angle for Atrium Guardrail	Steeltech			\$	5,526.49	A		11
	GMP Allowance - Additional Supplementary Steel	DDJV			\$	(5,526.49)	A		11
					\$ -		A		11
240	Lightning Protection System Replacement	Ferguson Electric			\$	7,493.00	A		12
	GMP Allowance - Material Procurement Mitigation	DDJV			\$	(7,493.00)	A		12
					\$ -		A		12
241	RFI #214 - Spray Foam Insulation Ground Floor Exterior Walls	Acoustics	\$	4,962.28	\$	4,962.27	A		12
		Accurate Insulation	\$	11,348.25	\$	11,348.25	A		12
		Insurance			\$	114.17	A		12
		Bond			\$	131.40	A		12
		CM Fee			\$	306.29	A		12
			\$ 16,310.53		\$ 16,862.38		A		12
242	RFI #289 - Existing Foundation Crack Sealing	D'Amato Sitework			\$	3,101.15	A		12
		Insurance			\$	21.71	A		12
		Bond			\$	24.98	A		12
		CM Fee			\$	58.24	A		12
					\$ 3,206.08		A		12
243	RFI #292 - Solid Surface Sills in Atrium	Downes Construction			\$	4,765.00	A		12



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PCO NO.	DESCRIPTION	SUBCONTRACTORS	CM CONTINGENCY		OWNER CONTINGENCY		PCO STATUS	COMMENTS	GMP CO NO.
		Insurance			\$	33.36	A		12
		Bond			\$	38.39	A		12
		CM Fee			\$	89.48	A		12
						\$ 4,926.22	A		12
244	Temporary Standpipe Credit	Synergy Fire Systems			\$	(6,500.00)	A		11
						\$ (6,500.00)	A		11
245	RFI #308 - Steel Brick Shelf Extension at Atrium	Steeltech			\$	1,675.87	A		12
		Insurance			\$	11.73	A		12
		Bond			\$	13.50	A		12
		CM Fee			\$	31.47	A		12
						\$ 1,732.57	A		12
246	RFI #290 - Surface Mounted Raceway in Room 205	Ferguson Electric			\$	4,156.00	A		12
		Insurance			\$	29.09	A		12
		Bond			\$	33.48	A		12
		CM Fee			\$	78.04	A		12
						\$ 4,296.62	A		12
247	VOID - RFI #307 - Trench Drain and Piping Update						V	No upcharge cost.	
							V		
248	PR #07 - 3rd Floor Staff Lounge	Acoustics			\$	2,521.46	A		13
		Downes Construction			\$	18,614.51	A		13
		Ferguson Electric			\$	2,806.00	A		13
		Ferguson Mechanical			\$	2,801.00	A		13
		JE Shea			\$	890.48	A		13
		M&P Painting			\$	300.99	A		13
	GMP Allowance - Owner Requested Changes	DDJV			\$	(27,934.44)	A		13
						\$ -	A		13
249	RFI #217 - Penthouse Interior Wall & Ceiling Finish	M&P Painting			\$	6,614.74	A		12
		Insurance			\$	46.30	A		12
		Bond			\$	53.29	A		12
		CM Fee			\$	124.22	A		12
						\$ 6,838.55	A		12
250	PR #06 - Added Tile to Water Cooler Walls	Spectrum Floors			\$	3,026.76	A		12
	GMP Allowance - Owner Requested Changes	DDJV			\$	(3,026.76)	A		12
						\$ -	A		12
251	RFI #312 - Eliminate Elevator Pit Sump Pump	Ferguson Mechanical			\$	(6,327.00)	A		13
						\$ (6,327.00)	A		13
252	RFI #254 - Eliminate Sections of Glass Panels	Cherry Hill Glass			\$	(1,010.52)	A		12
						\$ (1,010.52)	A		12
253	RFI #315 - Furred Out Walls in Storage 021	Acoustics			\$	7,247.63	A		13
	GMP Allowance - Material Procurement Mitigation	DDJV			\$	(7,247.63)	A		13
						\$ -	A		13
254	Install Teg Tabs In lieu of Cutting Ceiling Tiles	Central Conn Acoustics			\$	(7,800.00)	A		13
						\$ (7,800.00)	A		13
255A	PR #41 - Reconfigure the Tax Collectors Office	Acoustics			\$	10,424.45	A		14
		Ferguson Electric			\$	6,108.00	A		14
		Ferguson Mechanical			\$	5,342.00	A		14
		Net Services			\$	8,230.56	A		14
		Synergy Fire Systems			\$	3,439.00	A		14
		Insurance			\$	234.81	A		14



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PCO NO.	DESCRIPTION	SUBCONTRACTORS	CM CONTINGENCY		OWNER CONTINGENCY		PCO STATUS	COMMENTS	GMP CO NO.
		Bond			\$	270.23	A		14
		CM Fee			\$	629.91	A		14
						\$ 34,678.96	A		14
255B	PR #41 - Reconfigure Tax Collector & City Clerk	Downes Construction			\$	21,750.00	A		15
		M. Frank Higgins			\$	1,029.00	A		15
		Net Services			\$	5,451.71	A		15
		JE Shea			\$	878.16	A		15
		Insurance			\$	203.76	A		15
		Bond			\$	234.50	A		15
		CM Fee			\$	546.62	A		15
						\$ 30,093.76	A		15
256	RFI #326 - Reconfigure City Clerk Office	Acoustics			\$	4,472.01	A		13
		Ferguson Electric			\$	3,925.00	A		13
		Insurance			\$	58.78	A		13
		Bond			\$	67.65	A		13
		CM Fee			\$	157.68	A		13
						\$ 8,681.12	A		13
257	RFI #327 - Reconfigure Assessors Office	Acoustics			\$	4,777.67	A		14
		Cherry Hill Glass			\$	2,065.27	A		14
		Downes Construction			\$	1,995.66	A		14
		Insurance			\$	61.87	A		14
		Bond			\$	71.20	A		14
		CM Fee			\$	165.98	A		14
						\$ 9,137.65	A		14
258	PR #42 - Added Wall Tile in Bathrooms	Spectrum Floors			\$	45,082.00	A		13
		Insurance			\$	315.57	A		13
		Bond			\$	363.18	A		13
		CM Fee			\$	846.57	A		13
						\$ 46,607.33	A		13
259	PR #43 - Additional Interior Signage	Downes Construction			\$	-	A	Downes confirmed PR #43 is a no cost change to their contract.	15
						\$ -	A		15
260	VOID - RFI #304 - Insulate Exposed Ductwork						V	The owner rejected this PCO during the 3/16/2023 Committee Meeting.	
							V		
261	PR #44 - Ceiling Updates in Stairwells and at Windows	Acoustics			\$	7,953.03	A		13
		Central Conn Acoustics			\$	1,145.00	A		13
		Downes Construction			\$	7,613.00	A		13
		DDJV			\$	(16,711.03)	A		13
	GMP Allowance - Owner Requested Changes					\$ -	A		13
262	Reconcile Portion of GMP Allowances	DDJV			\$	(10,000.00)	A		13
	GMP Allowance - Unforeseen Hazardous Material Removal	DDJV			\$	(5,000.00)	A		13
	GMP Allowance - GPR Scanning					\$ (15,000.00)	A		13
							A		13
263	RFI #333 - Terminate Curtain Wall Mullion in Office 208H	Acoustics			\$	611.48	A		13
		Insurance			\$	4.28	A		13
		Bond			\$	4.93	A		13
		CM Fee			\$	11.48	A		13
						\$ 632.17	A		13
264	RFI #318 - Relocate Receptacles in Library 306A	Ferguson Electric			\$	1,626.00	A		13
		Insurance			\$	11.38	A		13



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PCO NO.	DESCRIPTION	SUBCONTRACTORS	CM CONTINGENCY		OWNER CONTINGENCY		PCO STATUS	COMMENTS	GMP CO NO.
		Bond CM Fee			\$ 13.10		A		13
					\$ 30.53		A		13
						\$ 1,681.01	A		13
265	RFI #338 - Fire Alarm Devices in Maintenance Garage	JE Shea Insurance Bond CM Fee			\$ 7,741.49		A		13
					\$ 54.19		A		13
					\$ 62.37		A		13
					\$ 145.37		A		13
						\$ 8,003.42	A		13
266	Labor Only For Duct Drop Flashing on Atrium	Silktown Roofing Insurance Bond CM Fee			\$ 6,580.46		A		13
					\$ 46.06		A		13
					\$ 53.01		A		13
					\$ 123.57		A		13
						\$ 6,803.11	A		13
267	PR #38R2 - Glass at Transaction Counters	Cherry Hill Glass Insurance Bond CM Fee			\$ 29,475.49		A		15
					\$ 206.33		A		15
					\$ 237.45		A		15
					\$ 553.51		A		15
						\$ 30,472.78	A		15
268	RFI #344 - Atrium Duct Shaft Credit	Acoustics			\$ (5,032.98)		A		13
						\$ (5,032.98)	A		13
269	Added Drafting Time for Curtain Wall Changes GMP Allowance - Material Procurement Mitigation	Cherry Hill Glass DDJV			\$ 3,410.00		A		13
					\$ (3,410.00)		A		13
						\$ -	A		13
270	PR #39 - Updated Atrium Ceiling and Added Soffits	Central Conn Acoustics Ferguson Electric Insurance Bond CM Fee			\$ (4,725.00)		A		13
					\$ 9,199.00		A		13
					\$ 31.32		A		13
					\$ 36.04		A		13
					\$ 84.02		A		13
						\$ 4,625.38	A		13
271	PR #08R1 - Privacy Film and Roller Shades GMP Allowance - Owner Requested Changes	Cherry Hill Glass Downes Construction DDJV			\$ 3,578.30		A		14
					\$ 3,081.00		A		14
					\$ (6,659.30)		A		14
						\$ -	A		14
272	RFI #301 - Panel Radiator Relocation in Room 211C	Ferguson Mechanical Insurance Bond CM Fee			\$ 1,933.00		A		14
					\$ 13.53		A		14
					\$ 15.57		A		14
					\$ 36.30		A		14
						\$ 1,998.40	A		14
273	RFI #321 - Restore Existing Limestone Facade	CT Mason Insurance Bond CM Fee			\$ 39,773.07		A		15
					\$ 278.41		A		15
					\$ 320.41		A		15
					\$ 746.88		A		15
						\$ 41,118.77	A		15
274	RFI #323 - Light Fixture Outside Electrical Room 018	Ferguson Electric Insurance Bond CM Fee			\$ 1,122.00		A		14
					\$ 7.85		A		14
					\$ 9.04		A		14
					\$ 21.07		A		14
						\$ 1,159.96	A		14
275	Traffic Signalization Scope Swap	Ferguson Electric	\$ 5,200.00				A		14



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PCO NO.	DESCRIPTION	SUBCONTRACTORS	CM CONTINGENCY		OWNER CONTINGENCY		PCO STATUS	COMMENTS	GMP CO NO.
		D'Amato Sitework	\$ (5,200.00)				A		14
			\$ -				A		14
276	Azek Trim at Bathroom Wall Tile	Central Conn Acoustics			\$ 805.74		A		16
		Insurance			\$ 5.64		A		16
		Bond			\$ 6.49		A		16
		CM Fee			\$ 15.13		A		16
					\$ 833.00		A		16
277	RFI #332 - Credit for Knee Wall Framing	Acoustics			\$ (1,441.46)		A		14
					\$ (1,441.46)		A		14
278	PR #35 - Added Fire Alarm Devices	JE Shea			\$ 4,615.39		A		14
		Insurance			\$ 32.31		A		14
		Bond			\$ 37.18		A		14
		CM Fee			\$ 86.67		A		14
					\$ 4,771.55		A		14
279	PR #47 - Flooring Update at Vault Doors	M. Frank Higgins			\$ 1,755.00		A		16
		Insurance			\$ 12.29		A		16
		Bond			\$ 14.14		A		16
		CM Fee			\$ 32.96		A		16
					\$ 1,814.38		A		16
280	RFI #348 - Brick Support Angle at Atrium Facade	Acoustics	\$ 472.47				A		14
		Steeltech	\$ 3,829.54				A		14
			\$ 4,302.01				A		14
281	RFI #346 - Heat Trace in Atrium Canopy Drain Pipe	Ferguson Electric			\$ 3,432.00		A		15
		Insurance			\$ 24.02		A		15
		Bond			\$ 27.65		A		15
		CM Fee			\$ 64.45		A		15
					\$ 3,548.12		A		15
282	PR #48 - Acoustical Ceiling Baffles in Atrium	Central Conn Acoustics			\$ 21,549.55		A		15
		Insurance			\$ 150.85		A		15
		Bond			\$ 173.60		A		15
		CM Fee			\$ 404.67		A		15
					\$ 22,278.67		A		15
283	RFI #309 - Floor Expansion Joint Covers	Acoustics			\$ 5,340.83		A		15
		Insurance			\$ 37.39		A		15
		Bond			\$ 43.03		A		15
		CM Fee			\$ 100.29		A		15
					\$ 5,521.53		A		15
284	RFI #353 - Intumescent Coating on Decorative Canopies	M&P Painting			\$ 2,025.50		A		14
		Insurance			\$ 14.18		A		14
		Bond			\$ 16.32		A		14
		CM Fee			\$ 38.04		A		14
					\$ 2,094.03		A		14
285	VOID - Temporary Power Setup						V	Costs will be charged adjust trade allowances.	
							V		
286	RFI #330 - Offset Flanges for Toilets in WHT 101, 202, 301	Ferguson Mechanical	\$ 5,954.00				A		14
			\$ 5,954.00				A		14
287	PR #49 - Replace Existing Ramp at North Entrance GMP Allowance - Owner Requested Changes	D'Amato Concrete DDJV			\$ 23,791.90		A		16
					\$ (23,791.90)		A		16
					\$ -		A		16



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PCO NO.	DESCRIPTION	SUBCONTRACTORS	CM CONTINGENCY		OWNER CONTINGENCY		PCO STATUS	COMMENTS	GMP CO NO.
288	Flooring Changes During Shop Drawing Review	M. Frank Higgins Insurance Bond CM Fee			\$	14,394.00	A		15
					\$	100.76	A		15
					\$	115.96	A		15
					\$	270.30	A		15
					\$	14,881.01	A		15
289	RFI #355 - Added Door Operator, New Opening & Hardware Updates GMP Allowance - Material Procurement Mitigation	Downes Construction Ferguson Electric DDJV			\$	10,537.00	A		16
					\$	3,704.00	A		16
					\$	(14,241.00)	A		16
					\$	-	A		16
290	Credit for Spray Foam Insulation	Acoustics			\$	(4,000.00)	A		14
					\$	(4,000.00)	A		14
291	VOID - RFI #361 - Rubber Base in Records Vault						V	Proceeding with base contract RB-1.	
							V		
292	RFI #359 - Connect Existing Areaway Drain to Sump Pit GMP Allowance - Video Underground Plumbing Utilities Inspection	Ferguson Mechanical D'Amato Sitework DDJV Insurance Bond CM Fee			\$	4,126.00	A		16
					\$	1,370.60	A		16
					\$	(1,370.60)	A		16
					\$	28.88	A		16
					\$	33.24	A		16
					\$	77.48	A		16
					\$	4,265.60	A		16
293	Reconcile Portion of Trade and GMP Allowances GMP Allowance - Polluted Soils Management GMP Allowance - GPR Scanning GMP Allowance - Material Procurement Mitigation	Ferguson Mechanical DDJV DDJV DDJV			\$	(15,000.00)	A		15
					\$	(5,000.00)	A		15
					\$	(5,000.00)	A		15
					\$	(5,000.00)	A		15
					\$	(30,000.00)	A		15
294	RFI #351 - Stainless Steel Flashing at Atrium Foundation	Cherry Hill Glass Insurance Bond CM Fee			\$	2,174.24	A		16
					\$	15.22	A		16
					\$	17.52	A		16
					\$	40.83	A		16
					\$	2,247.80	A		16
295	RFI #362 - Fire Hose for Draining Domestic Water System	Synergy Fire Systems	\$	824.00			A		16
			\$		824.00		A		16
296	PR #50 - Exterior City Hall Sign	Downes Construction Insurance Bond CM Fee			\$	4,321.00	A		16
					\$	30.25	A		16
					\$	34.81	A		16
					\$	81.14	A		16
					\$	4,467.20	A		16
297	PR #52R3 - Updated Dedication Plaque	Downes Construction					A		17
							A		17
					\$	-	A		17
298	PR #53 - Lighting for Exterior Bristol Logo Sign GMP Allowance - Owner Requested Changes	Ferguson Electric DDJV			\$	6,555.00	A		16
					\$	(6,555.00)	A		16
					\$	-	A		16
299	Updated Floor Expansion Joint Covers	Acoustics			\$	(1,496.83)	A		16
					\$	(1,496.83)	A		16
300	Backcharge to CT Mason for Damaged Elevator Tracks	CT Mason OTIS Elevator			\$	(4,960.00)	A		16
					\$	4,960.00	A		16
					\$	-	A		16
301	Credit the Intumescent Coating on Decorative Canopies	M&P Painting			\$	(2,025.50)	A		16



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PCO NO.	DESCRIPTION	SUBCONTRACTORS	CM CONTINGENCY		OWNER CONTINGENCY		PCO STATUS	COMMENTS	GMP CO NO.
		Insurance Bond CM Fee			\$ (14.18)		A		16
					\$ (16.32)		A		16
					\$ (38.04)		A		16
					\$ (2,094.03)		A		16
302	RFI #364 - Updated Glass Type on Atrium Curtain Wall GMP Allowance - Material Procurement Mitigation	Cherry Hill Glass DDJV			\$ 1,018.91		A		16
					\$ (1,018.91)		A		16
					\$ -		A		16
303	RFI #266 - Eliminating Knotwood Accent Trim	Cherry Hill Glass			\$ (6,371.74)		A		16
					\$ (6,371.74)		A		16
304	Reinforce Existing Concrete Beams for HDS GMP Allowance - Slab Patching & Repair	Steeltech DDJV			\$ 6,931.67		A		16
					\$ (6,931.67)		A		16
					\$ -		A		16
305	RFI #370 - Axiom Trim at Ceilings on the 1st Floor	Central Conn Acoustics Insurance Bond CM Fee			\$ 705.21		A		16
					\$ 4.94		A		16
					\$ 5.68		A		16
					\$ 13.24		A		16
					\$ 729.07		A		16
306	RFI #369 - Backdraft Dampers on Smoke Evac Duct Drops	Ferguson Mechanical Insurance Bond CM Fee			\$ 14,039.00		A		17
					\$ 98.27		A		17
					\$ 113.10		A		17
					\$ 263.63		A		17
					\$ 14,514.00		A		17
307	RFI #372 - Fire Rate Non-Rated Openings	Downes Construction Insurance Bond CM Fee			\$ 1,900.00		A		16
					\$ 13.30		A		16
					\$ 15.31		A		16
					\$ 35.68		A		16
					\$ 1,964.29		A		16
308	Modification to Wire Mesh Partitions	Downes Construction	\$ 683.00				A		16
			\$ 683.00			A	16		
309	RFI #371 - Painting Wall Panel Reveals in Council Chambers GMP Allowance - Material Procurement Mitigation	M&P Painting DDJV			\$ 2,188.93		A		16
					\$ (2,188.93)		A		16
					\$ -		A		16
310	Removal of Existing Flooring Tar Membrane	M. Frank Higgins	\$ 6,508.00				A		16
			\$ 6,508.00		\$ -		A	16	
311	RTU Rigging During Off Hours GMP Allowance - Weekend/Off-Hours Supervision	Ferguson Mechanical DDJV			\$ 1,615.00		A		17
					\$ (1,615.00)		A		17
					\$ -		A		17
312	Backcharge to CT Mason for Damaged Curtain Wall Covers	Cherry Hill Glass CT Mason	\$ 2,711.10				A		16
			\$ (2,711.10)				A		16
			\$ -				A		16
313	Credit for Soffit Panels in Council Chambers	Downes Construction M&P Painting Insurance Bond CM Fee			\$ (988.00)		A		16
					\$ (502.06)		A		16
					\$ (10.43)		A		16
					\$ (12.00)		A		16
					\$ (27.98)		A		16
					\$ (1,540.48)		A		16
314	Credit for Painting New Standpipes	M&P Painting			\$ (2,000.00)		A		16
					\$ (2,000.00)		A		16
315	PR #54 - Door Release Button in City Clerk Office	Ferguson Electric			\$ 1,685.00		A		17



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		Insurance Bond CM Fee			\$ 11.80		A		17
					\$ 13.57		A		17
					\$ 31.64		A		17
						\$ 1,742.01	A		17
316	RFI #375 - Revised Sprinkler Layout in Atrium	Synergy Fire Systems	\$ 5,517.00				A		16
				\$ 5,517.00			A		16
317	Backcharge to Acoustics for Damaging Curtain Wall Frame	Cherry Hill Glass Acoustics	\$ 2,630.78				A		16
			\$ (2,630.78)				A		16
				\$ -			A		16
318	RFI #131 - Panel to Conceal Water Heater in HCT 312B	Downes Construction Insurance Bond CM Fee			\$ 1,080.00		A		17
					\$ 7.56		A		17
					\$ 8.70		A		17
					\$ 20.28		A		17
						\$ 1,116.54	A		17
319	PVC Edge Banding on Handrail Caps	Downes Construction Insurance Bond CM Fee			\$ 616.00		A		17
					\$ 4.31		A		17
					\$ 4.96		A		17
					\$ 11.57		A		17
						\$ 636.84	A		17
320	VOID - RFI #378 - Repair Existing Foundation Crack in Storage Room 003						V		
							V		
321	Reconcile Portion of Utility Consumption Allowance GMP Allowance - Utility Consumption	DDJV			\$ (40,000.00)		A		16
						\$ (40,000.00)	A		16
							A		16
322	RFI #379 - Break Metal Covers at Atrium Roof Level	Cherry Hill Glass Insurance Bond CM Fee			\$ 3,416.13		A		17
					\$ 23.91		A		17
					\$ 27.52		A		17
					\$ 64.15		A		17
						\$ 3,531.71	A		17
323	Backcharge to Acoustics for Patching Section of AVB	CT Mason Acoustics			\$ 2,969.56		A		17
					\$ (2,969.56)		A		17
						\$ -	A		17
324	RFI #381 - Smoke Evacuation System Control Panel	JE Shea Insurance Bond CM Fee			\$ 15,321.83		A		17
					\$ 107.25		A		17
					\$ 123.43		A		17
					\$ 287.72		A		17
						\$ 15,840.24	A		17
325	Additional Parging on Existing Masonry Façade GMP Allowance - Additional Masonry / Concrete Repair	CT Mason DDJV			\$ 21,112.11		A		17
					\$ (21,112.11)		A		17
						\$ -	A		17
326	PR #57 - Updated Council Chamber Wall Panels	Downes Construction M&P Painting Insurance Bond CM Fee			\$ 52,976.00		A		17
					\$ (20,000.00)		A		17
					\$ 230.83		A		17
					\$ 265.65		A		17
					\$ 619.24		A		17
						\$ 34,091.73	A		17
327	Update Color of Atrium Ceiling Smoke Detectors	JE Shea	\$ 1,163.49				A		17
				\$ 1,163.49			A		17
328	PR #58 - Upper Cabinets in Corp Counsel Library 306A	Downes Construction			\$ 8,522.00		A		17



Bristol City Hall Renovation and Addition
Proposed Change Order Log

Bristol City Hall Renovation and Addition Proposed Change Order Log						LEGEND		STATUS		
						A		APPROVED		
						B		BUDGET		
						Q		QUOTE		
						R		SUBMITTED FOR REVIEW		
						V		VOID		
PCO NO.	DESCRIPTION	SUBCONTRACTORS	CM CONTINGENCY		OWNER CONTINGENCY		PCO STATUS	COMMENTS	GMP CO NO.	
	GMP Allowance - Owner Requested Changes	DDJV			\$	(8,522.00)	A		17	
					\$		-	A	17	
329	VOID - PR #59 - Revised Receptionist Desk in Mayor's Suite						V	Owner decided to not move forward.		
							V			
330	Backcharge to Ferguson Mechanical for Damaged Cabinets	Downes Construction Ferguson Mechanical	\$	2,448.00			A		17	
			\$	(2,448.00)			A		17	
			\$		-	\$		-	A	17
331	RFI #380 - Added Smoke Detector at Street Level in Atrium	JE Shea Insurance Bond CM Fee			\$	961.46	A		17	
					\$	6.73	A		17	
					\$	7.75	A		17	
					\$	18.05	A		17	
					\$		993.99	A	17	
332	PR #51 - Updated Site and Landscaping Plans	D'Amato Sitework	\$	33,124.51			A		18	
			\$		33,124.51			A	18	
333	PR #60 - Undermount Cabinet Lights in Building Department	Ferguson Electric Insurance Bond CM Fee			\$	1,566.00	A		18	
					\$	10.96	A		18	
					\$	12.62	A		18	
					\$	29.41	A		18	
					\$		1,618.98	A	18	
334	RFI #382 - Recondition Limestone Facade Support Angles	M&P Painting Insurance Bond CM Fee			\$	909.70	A		18	
					\$	6.37	A		18	
					\$	7.33	A		18	
					\$	17.08	A		18	
					\$		940.48	A	18	
335	PR #61 - Upper Cabinets in Corp Counsel Library 306A	Downes Construction			\$	4,327.00	A		17	
	GMP Allowance - Owner Requested Changes	DDJV			\$	(4,327.00)	A		17	
					\$		-	A	17	
336	RFI #373 - Duct Smoke Monitoring Modules for RTUs	JE Shea Insurance Bond CM Fee			\$	5,161.97	A		17	
					\$	36.13	A		17	
					\$	41.58	A		17	
					\$	96.93	A		17	
					\$		5,336.62	A	17	
337	Safety Equipment for Added Skybridge Work	M&P Painting			\$	2,038.63	A		18	
	GMP Allowance - Temporary Protections	DDJV			\$	(2,038.63)	A		18	
					\$		-	A	18	
338	PR #62 - Revised Millwork in Fire Marshal Storage 205A	Downes Construction			\$	3,095.00	A		18	
	GMP Allowance - Owner Requested Changes	DDJV			\$	(3,095.00)	A		18	
					\$		-	A	18	
339	PR #63 - Infrastructure for Comcast Equipment	Ferguson Electric Net Services D'Amato Sitework Insurance Bond CM Fee			\$	7,367.00	A		18	
					\$	2,831.89	A		18	
					\$	3,748.80	A		18	
					\$	97.63	A		18	
					\$	112.36	A		18	
					\$	261.92	A		18	
					\$		14,419.60	A	18	
340	Reconcile Portion of Utility Consumption Allowance	DDJV			\$	(54,000.00)	A		17	
	GMP Allowance - Utility Consumption						A		17	
					\$		(54,000.00)	A	17	
341	VOID - Replace Floor Drain Covers in Maintenance Garage						V	Charged against bid package allowance.		



Bristol City Hall Renovation and Addition
Proposed Change Order Log

						LEGEND	STATUS		
						A	APPROVED		
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						Q	QUOTE		
						R	SUBMITTED FOR REVIEW		
						V	VOID		
PCO NO.	DESCRIPTION	SUBCONTRACTORS	CM CONTINGENCY		OWNER CONTINGENCY		PCO STATUS	COMMENTS	GMP CO NO.
							V		
342	Light Shelf in Council Chambers	Downes Construction	\$	2,907.00			A		18
				\$	2,907.00	\$	-		18
343	RFI #368 - Painting the Parged Exterior Concrete	M&P Painting Insurance Bond CM Fee			\$	11,984.50	A		18
					\$	83.89	A		18
					\$	96.55	A		18
					\$	225.05	A		18
						\$	12,389.99	A	18
344	Replacement Door Frame for Opening 400	Downes Construction	\$	308.00			A		18
				\$	308.00		A		18
345	Eliminate Operators from Maintenance Garage OH Doors	Downes Construction			\$	(9,238.00)	A		18
				\$	-	\$	(9,238.00)	A	18
346	VOID - RFI #389 - Updated Shade Pocket Detail						V	Charged against bid package allowance.	
							V		
347	Premium Time Through July 2023 GMP Allowance - Weekend/Off-Hours Supervision	Cherry Hill Glass Downes Construction M. Frank Higgins Net Services DDJV			\$	2,228.51	A		19
					\$	405.00	A		19
					\$	2,250.00	A		19
					\$	2,119.04	A		19
					\$	(7,002.55)	A		19
						\$	-	A	19
348	PR #65 - Dedicated Circuits and Data for Plotters	Ferguson Electric Net Services Insurance Bond CM Fee			\$	2,236.00	A		19
					\$	1,458.05	A		19
					\$	25.86	A		19
					\$	29.76	A		19
					\$	69.37	A		19
						\$	3,819.04	A	19
349	RFI #385, 386, 387 - Added Lawn Areas and River Rock	D'Amato Sitework	\$	33,059.69			A		19
				\$	33,059.69	\$	-	A	19
350	RFI #146 - Relocate Door C106A for AHU Clearance	Acoustics	\$	3,130.78			A		18
				\$	3,130.78		A		18
351	RFI #398 - Water Piping for AHU-1 Humidifier	Ferguson Mechanical Insurance Bond CM Fee			\$	3,833.00	A		19
					\$	26.83	A		19
					\$	30.88	A		19
					\$	71.98	A		19
						\$	3,962.69	A	19
352	PR #08R2 - Privacy Film at Additional Locations GMP Allowance - Owner Requested Changes	Cherry Hill Glass DDJV			\$	2,200.00	A		19
					\$	(2,200.00)	A		19
						\$	-	A	19
353	RFI #396 - Updated Wall Mirrors Layout in Fitness Center	Cherry Hill Glass Insurance Bond CM Fee			\$	1,315.89	A		19
					\$	9.21	A		19
					\$	10.60	A		19
					\$	24.71	A		19
						\$	1,360.41	A	19
354	Full Depth Pavement Restoration	D'Amato Sitework	\$	141,133.33			A		19
				\$	141,133.33		A		19
355	RFI #391 - Modifications to Atrium Wood Panels	Downes Construction			\$	(1,100.00)	A		19
						\$	(1,100.00)	A	19
356	Modifications to Assessor Transaction Counter Panels	Downes Construction	\$	747.00			A		19
				\$	747.00		A		19



Bristol City Hall Renovation and Addition

Proposed Change Order Log

LEGEND	STATUS
A	APPROVED
B	BUDGET
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R	SUBMITTED FOR REVIEW
V	VOID

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Bristol City Hall Renovation and Addition
Proposed Change Order Log

LEGEND	STATUS
A	APPROVED
B	BUDGET
Q	QUOTE
R	SUBMITTED FOR REVIEW
V	VOID

PCO NO.	DESCRIPTION	SUBCONTRACTORS	CM CONTINGENCY		OWNER CONTINGENCY		PCO STATUS	COMMENTS	GMP CO NO.
369	RFI #408 - ADA Clearance Issue in Bathrooms	Downes Construction Insurance Bond CM Fee			\$	3,974.00	A		19
					\$	27.82	A		19
					\$	32.01	A		19
					\$	74.63	A		19
							\$	4,108.46	A
370	Credit for Payment & Performance Bonds	D'Amato Concrete D'Amato Sitework Downes Construction			\$	(3,378.00)	A		19
					\$	(15,407.00)	A		19
					\$	(16,771.00)	A		19
							\$	(35,556.00)	A
371	RFI #406 - Plastic Laminate Layout at Elevator Landings	Downes Construction	\$	6,891.00			A		19
				\$	6,891.00			A	
372	RFI #412 - Drywall and Added Outlets in Storage Room 019	Acoustics Ferguson Electric Insurance Bond CM Fee			\$	7,093.48	A		21
					\$	2,809.00	A		21
					\$	69.32	A		21
					\$	79.77	A		21
					\$	185.95	A		21
					\$	-	\$	10,237.53	A
373	RFI #304 - Insulate Exposed Ductwork	Ferguson Mechanical	\$	67,500.00			A		19
				\$	67,500.00			A	
374	PR #67 - Added Shelving in Voting Machine Storage Room 002	Downes Construction Insurance Bond CM Fee			\$	6,117.00	A		20
					\$	42.82	A		20
					\$	49.28	A		20
					\$	114.87	A		20
					\$	-	\$	6,323.97	A
375	Concrete Material Escalation	D'Amato Sitework	\$	10,752.81			A		20
				\$	10,752.81		\$	-	A
376	Break Metal Covers at Exposed Insulation	Cherry Hill Glass Insurance Bond CM Fee			\$	6,373.63	A		20
					\$	44.62	A		20
					\$	51.35	A		20
					\$	119.69	A		20
					\$	-	\$	6,589.28	A
377	Revised Wall Covering Roll Size GMP Allowance - Material Procurement Mitigation	M&P Painting DDJV			\$	607.00	A		20
					\$	(607.00)	A		20
					\$	-	\$	-	A
378	Premium Time Through August 2023 GMP Allowance - Weekend/Off-Hours Supervision	Central Conn Acoustics D'Amato Sitework M. Frank Higgins DDJV			\$	166.00	A		20
					\$	5,852.00	A		20
					\$	566.00	A		20
					\$	(6,584.00)	A		20
					\$	-	\$	-	A
379	RFI #408 - Replace Tile at Relocated Toilet Partitions	Spectrum Floors Insurance Bond CM Fee			\$	950.00	A		20
					\$	6.65	A		20
					\$	7.65	A		20
					\$	17.84	A		20
					\$	-	\$	982.14	A
380	Updated Door Operator for Opening 301A	Downes Construction	\$	5,035.00			A		20
				\$	5,035.00		\$	-	A
382	RFI #418 - Custom Threshold at Opening S401	Downes Construction	\$	413.00			A		20
				\$	413.00		\$	-	A
383	PR #69 - Roof Pavers on Lower East Roof	Silktown Roofing			\$	31,169.44	A		20



Bristol City Hall Renovation and Addition
Proposed Change Order Log

LEGEND	STATUS
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PCO NO.	DESCRIPTION	SUBCONTRACTORS	CM CONTINGENCY		OWNER CONTINGENCY		PCO STATUS	COMMENTS	GMP CO NO.
		Insurance			\$	218.19	A		20
		Bond			\$	251.10	A		20
		CM Fee			\$	585.32	A		20
			\$ -		\$ 32,224.04		A		20
384	RFI #419 - Fire Damper for Ductwork at Vestibule V000	Ferguson Mechanical			\$	6,413.00	A	Submitted 09/19/2023.	21
		Insurance			\$	44.89	A		21
		Bond			\$	51.66	A		21
		CM Fee			\$	120.43	A		21
			\$ -		\$ 6,629.98		A		21
385	Site Light Pole Base Covers	Ferguson Electric			\$	7,500.00	A		20
		Insurance			\$	52.50	A		20
		Bond			\$	60.42	A		20
		CM Fee			\$	140.84	A		20
			\$ -		\$ 7,753.76		A		20
386	Council Chambers SS Sills Matching Dais	Downes Construction	\$	1,128.00			A		20
			\$ 1,128.00		\$ -		A		20
387	RFI #420 - Tint New Skybridge Windows	Cherry Hill Glass			\$	552.50	A		20
		Insurance			\$	3.87	A		20
		Bond			\$	4.45	A		20
		CM Fee			\$	10.38	A		20
			\$ -		\$ 571.19		A		20
388	RFI #405 - Sawcut Pavement By Neighbor's Property	D'Amato Sitework	\$	3,248.30			A		20
			\$ 3,248.30		\$ -		A		20
389	Coring for Data Sleeves and Clean up	D'Amato Sitework	\$	3,627.46			A		20
			\$ 3,627.46		\$ -		A		20
390	RFI #421 - Amphitheater Guardrails	Steeltech			\$	17,238.47	A		20
		Insurance			\$	120.67	A		20
		Bond			\$	138.87	A		20
		CM Fee			\$	323.71	A		20
			\$ -		\$ 17,821.73		A		20
391	PR #70 - Additional and Corrected Signage	Downes Construction			\$	2,032.00	A	Submitted 9/6/2023.	20
		Insurance			\$	14.22	A		20
		Bond			\$	16.37	A		20
		CM Fee			\$	38.16	A		20
			\$ -		\$ 2,100.75		A		20
393	PR #74 - Updates for Elevator Code Compliance	Acoustics	\$	2,890.44			A		20
		JE Shea	\$	1,047.28			A		20
			\$ 3,937.72		\$ -		A		20
394	Additional Prep for Concrete Seal Coat	M. Frank Higgins	\$	4,723.00			A	Submitted 9/6/2023.	20
			\$ 4,723.00		\$ -		A		20
395	Base Prep in North and South Stairwells	M. Frank Higgins	\$	1,930.00			A	Submitted 9/6/2023.	20
			\$ 1,930.00		\$ -		A		20
396	Flooring Change in Office 204E	M. Frank Higgins	\$	772.00			A		20
			\$ 772.00		\$ -		A		20
397	Additional Fire Alarm Testing for Monitoring Company	JE Shea	\$	2,784.11			A		20
			\$ 2,784.11		\$ -		A		20
398	Replacement Glass At Transaction Counters	Cherry Hill Glass	\$	4,985.29			A		20
			\$ 4,985.29		\$ -		A		20
399	Storage for Council Chambers Seating	Downes Construction	\$	3,675.00			A		20



Bristol City Hall Renovation and Addition
Proposed Change Order Log

LEGEND	STATUS
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PCO NO.	DESCRIPTION	SUBCONTRACTORS	CM CONTINGENCY		OWNER CONTINGENCY		PCO STATUS	COMMENTS	GMP CO NO.
			\$ 3,675.00		\$ -		A		20
400	Various Areas of Touch Up Painting	M&P Painting Insurance Bond CM Fee			\$ 6,638.68		A	Submitted 09/21/2023.	21
					\$ 46.47		A		21
					\$ 53.48		A		21
					\$ 124.66		A		21
					\$ 6,863.30		A		21
402	Reconcile Portion of CM Contingency	DDJV	\$ 30,000.00		\$ (30,000.00)		A		20
			\$ 30,000.00		\$ (30,000.00)		A		20
403	RFI #424 - Skybridge Floor Finish	M. Frank Higgins Insurance Bond CM Fee			\$ 1,319.00		A	Submitted 9/13/2023.	21
					\$ 9.23		A		21
					\$ 10.63		A		21
					\$ 24.77		A		21
			\$ -		\$ 1,363.63		A		21
405	Added Roller Shade in Room 208G GMP Allowance - Material Procurement Mitigation	Downes Construction DDJV			\$ 2,767.00		A	Submitted 9/13/2023.	21
					\$ (2,767.00)		A		21
			\$ -		\$ -		A		21
406	PR #74R - EIFS Caulk Joint & Paint General Conditions	M&P Painting DDJV Insurance Bond CM Fee			\$ 891.97		A		21
					\$ 3,317.55		A		21
					\$ 29.47		A		21
					\$ 33.91		A		21
					\$ 79.05		A		21
			\$ -		\$ 4,351.95		A		21
407	RFI #426 - Council Chambers AWP at East Corners	Downes Construction Insurance Bond CM Fee			\$ 13,369.00		A		21
					\$ 93.58		A		21
					\$ 107.70		A		21
					\$ 251.05		A		21
			\$ -		\$ 13,821.33		A		21
408	Additional Miscellaneous Caulking	Cherry Hill Glass Insurance Bond CM Fee			\$ 1,504.91		A	Submitted 09/19/2023.	21
					\$ 10.53		A		21
					\$ 12.12		A		21
					\$ 28.26		A		21
			\$ -		\$ 1,555.83		A		21
409	Premium Time Through September 2023 GMP Allowance - Weekend/Off-Hours Supervision	M. Frank Higgins Ferguson Electric DDJV			\$ 4,473.00		A		21
					\$ 1,405.00		A		21
					\$ (5,878.00)		A		21
			\$ -		\$ -		A		21
410	RFI #423 - North & South Stairwell Resilient Wall Base	M. Frank Higgins	\$ 4,887.00				A	Submitted 09/21/2023.	21
			\$ 4,887.00		\$ -		A		21
411	RFI #425 - Safety Tape for Stair Nosings	M. Frank Higgins Insurance Bond CM Fee			\$ 7,490.00		A	Submitted 09/21/2023.	21
					\$ 52.43		A		21
					\$ 60.34		A		21
					\$ 140.65		A		21
			\$ -		\$ 7,743.42		A		21
412	Atrium Second Floor Landing Floor Prep	M. Frank Higgins	\$ 3,046.00				A	Submitted 09/21/2023.	21
			\$ 3,046.00		\$ -		A		21
413	Elevator Operator Beyond 40 Hours	OTIS Elevator	\$ 9,065.00				A		21



Bristol City Hall Renovation and Addition
Proposed Change Order Log

Bristol City Hall Renovation and Addition Proposed Change Order Log							LEGEND		STATUS	
							A		APPROVED	
							B		BUDGET	
							Q		QUOTE	
							R		SUBMITTED FOR REVIEW	
							V		VOID	
PCO NO.	DESCRIPTION	SUBCONTRACTORS	CM CONTINGENCY		OWNER CONTINGENCY		PCO STATUS	COMMENTS		GMP CO NO.
			\$ 9,065.00		\$ -		A			21
414	C002 & S101 Light Pocket for Additional 8FT Lights	Central Conn Acoustics	\$ 1,382.01				A			21
			\$ 1,382.01		\$ -		A			21
416	Sallyport OHD Finish Upgrade	Downes Construction	\$ 3,277.00		\$ -		A			21
			\$ 3,277.00		\$ -		A			21
419	Miscellaneous Paint Touch Ups	M&P Painting Insurance Bond CM Fee			\$ 1,920.33		A			21
					\$ 13.44		A			21
					\$ 15.47		A			21
					\$ 36.06		A			21
			\$ -		\$ 1,985.30		A			21
420	Council Chambers Horn Strobes Color	J.E. Shea	\$ 1,717.39				A			21
			\$ 1,717.39		\$ -		A			21
430	Reconcile Portion of CM Contingency	DDJV	\$ 5,000.00		\$ (5,000.00)		A			21
			\$ 5,000.00		\$ (5,000.00)		A			21
Total			\$ 603,308.48		\$ 1,169,490.28					

SUMMARY					
Original CM Contingency	\$	811,272.00	Original GMP	\$	28,014,428.00
Changes for Swing Space	\$	46,709.00	Changes for Swing Space	\$	(26,125.47)
Changes for Reno and Addition	\$	603,308.48	Changes for Reno and Addition	\$	1,169,490.34
Total Approved Changes	\$	650,017.48	Total Approved GMP Change Orders	\$	1,143,364.87
Revised CM Contingency	\$	161,254.52	Revised GMP	\$	29,157,792.87
Pending COPs	\$	1,262.00	Pending COPs	\$	1,445.39
CM Contingency Balance	\$	159,992.52	Anticipated Final GMP	\$	29,159,238.26



Bristol City Hall Renovations and Addition
Budget Summary Log

Cost Code	Original Budget Amount	Approved COs	Revised Budget	Pending Budget Changes	Projected Budget Changes	Estimated Cost at Completion
01-001 - Preconstruction Services	\$ 134,358.00	\$ -	\$ 134,358.00	\$ -	\$ -	\$ 134,358.00
01-002 - General Conditions	\$ 1,998,511.00	\$ 3,317.55	\$ 2,001,828.55	\$ -	\$ -	\$ 2,001,828.55
01-003 - Temp Facilities & Controls	\$ 1,048,135.00	\$ (602.06)	\$ 1,047,532.94	\$ -	\$ -	\$ 1,047,532.94
01-051 - Allowance - Forensic Demo / Investigation	\$ 75,000.00	\$ -	\$ 75,000.00	\$ -	\$ -	\$ 75,000.00
02-043 - Select Demo & Abatement	\$ 1,755,572.00	\$ 155,171.54	\$ 1,910,743.54	\$ -	\$ -	\$ 1,910,743.54
02-075 - Selective Demolition	\$ 117,196.00	\$ 5,643.64	\$ 122,839.64	\$ -	\$ -	\$ 122,839.64
03-010 - Concrete Foundations	\$ 317,703.00	\$ 39,310.54	\$ 357,013.54	\$ -	\$ -	\$ 357,013.54
04-001 - Masonry	\$ -	\$ 1,849.47	\$ 1,849.47	\$ -	\$ -	\$ 1,849.47
04-002 - Masonry	\$ 532,230.00	\$ 119,841.85	\$ 652,071.85	\$ -	\$ -	\$ 652,071.85
05-110 - Misc. Metal & Structural Steel	\$ 877,600.00	\$ 118,614.72	\$ 996,214.72	\$ -	\$ -	\$ 996,214.72
06-001 - General Trades, Millwork & D/F/H	\$ 2,060,709.00	\$ 292,703.93	\$ 2,353,412.93	\$ -	\$ -	\$ 2,353,412.93
06-100 - General Trades & Carpentry	\$ 160,097.00	\$ 4,270.00	\$ 164,367.00	\$ -	\$ -	\$ 164,367.00
06-220 - Millwork (Furnish Only)	\$ 33,000.00	\$ 8,981.20	\$ 41,981.20	\$ -	\$ -	\$ 41,981.20
07-500 - Roofing	\$ 900,200.00	\$ 79,615.58	\$ 979,815.58	\$ 801.86	\$ -	\$ 980,617.44
08-100 - Doors, Frames, Hardware - Furnish Only	\$ 31,500.00	\$ 8,740.00	\$ 40,240.00	\$ -	\$ -	\$ 40,240.00
08-500 - Glass/ Glazing	\$ 2,300,846.00	\$ 146,421.43	\$ 2,447,267.43	\$ -	\$ -	\$ 2,447,267.43
09-250 - Gypsum Board Assemblies / Ceilings	\$ 171,673.00	\$ 8,349.39	\$ 180,022.39	\$ -	\$ -	\$ 180,022.39
09-254 - Drywall	\$ 1,986,040.00	\$ 210,224.19	\$ 2,196,264.19	\$ -	\$ -	\$ 2,196,264.19
09-300 - Tile	\$ 78,132.00	\$ 61,156.70	\$ 139,288.70	\$ -	\$ -	\$ 139,288.70
09-510 - Acoustical Ceilings	\$ 363,900.00	\$ 5,920.51	\$ 369,820.51	\$ -	\$ -	\$ 369,820.51
09-644 - Flooring	\$ 66,000.00	\$ (2,784.69)	\$ 63,215.31	\$ -	\$ -	\$ 63,215.31
09-645 - Flooring	\$ 881,198.00	\$ 3,149.94	\$ 884,347.94	\$ 4,755.00	\$ -	\$ 889,102.94
09-900 - Painting	\$ 23,400.00	\$ 3,979.00	\$ 27,379.00	\$ -	\$ -	\$ 27,379.00
09-905 - Painting	\$ 288,000.00	\$ 43,427.59	\$ 331,427.59	\$ -	\$ -	\$ 331,427.59
10-400 - Specialties	\$ 22,987.00	\$ -	\$ 22,987.00	\$ -	\$ -	\$ 22,987.00

Bristol City Hall Renovations and Addition
Budget Summary Log

Cost Code	Original Budget Amount	Approved COs	Revised Budget	Pending Budget Changes	Projected Budget Changes	Estimated Cost at Completion
14-200 - Elevator	\$ 197,000.00	\$ 14,025.00	\$ 211,025.00	\$ -	\$ -	\$ 211,025.00
21-100 - Fire Protection	\$ 34,228.00	\$ 4,241.47	\$ 38,469.47	\$ -	\$ -	\$ 38,469.47
21-101 - Fire Protection	\$ 427,569.00	\$ (1,963.06)	\$ 425,605.94	\$ -	\$ -	\$ 425,605.94
22-100 - Plumbing	\$ 54,500.00	\$ 311.82	\$ 54,811.82	\$ -	\$ -	\$ 54,811.82
22-101 - Plumbing & HVAC	\$ 3,598,700.00	\$ 283,702.94	\$ 3,882,402.94	\$ 2,898.00	\$ -	\$ 3,885,300.94
23-100 - HVAC	\$ 113,300.00	\$ 2,779.75	\$ 116,079.75	\$ -	\$ -	\$ 116,079.75
26-100 - Electrical	\$ 317,557.00	\$ 26,543.07	\$ 344,100.07	\$ -	\$ -	\$ 344,100.07
0	\$ 2,267,000.00	\$ 307,686.94	\$ 2,574,686.94	\$ -	\$ -	\$ 2,574,686.94
27-100 - Communications	\$ 238,000.00	\$ 71,333.72	\$ 309,333.72	\$ -	\$ -	\$ 309,333.72
28-100 - Fire Alarm	\$ 131,000.00	\$ 41,680.99	\$ 172,680.99	\$ -	\$ -	\$ 172,680.99
31-200 - Sitework	\$ 1,511,177.00	\$ 369,898.08	\$ 1,881,075.08	\$ (5,161.86)	\$ -	\$ 1,875,913.22
60-001 - Misc. Patch Existing Bathroom / Plumbing	\$ 2,500.00	\$ (2,500.00)	\$ -	\$ -	\$ -	\$ -
60-002 - Carpet Replacement	\$ 2,500.00	\$ (2,500.00)	\$ -	\$ -	\$ -	\$ -
60-003 - Spline Ceiling Replacement	\$ 5,000.00	\$ (5,000.00)	\$ -	\$ -	\$ -	\$ -
60-004 - Chase - Linear Grilles @ Countertop	\$ 5,000.00	\$ (5,000.00)	\$ -	\$ -	\$ -	\$ -
60-005 - Premium Time Allowance	\$ 12,000.00	\$ (12,000.00)	\$ -	\$ -	\$ -	\$ -
60-006 - Weekend / Off Hours Supervision	\$ 8,000.00	\$ (8,000.00)	\$ -	\$ -	\$ -	\$ -
60-007 - Hazardous Abatement	\$ 20,000.00	\$ (20,000.00)	\$ -	\$ -	\$ -	\$ -
60-008 - Polluted Soils	\$ 30,000.00	\$ (9,746.50)	\$ 20,253.50	\$ -	\$ -	\$ 20,253.50
60-009 - Unforeseen Hazmat Removal	\$ 25,000.00	\$ (22,942.50)	\$ 2,057.50	\$ -	\$ -	\$ 2,057.50
60-010 - Additional Masonry / Concrete Repair	\$ 28,000.00	\$ (21,112.11)	\$ 6,887.89	\$ -	\$ -	\$ 6,887.89
60-011 - GPR Scanning	\$ 10,000.00	\$ (10,000.00)	\$ -	\$ -	\$ -	\$ -
60-012 - Video UG Plumbing / Utility Inspect	\$ 3,500.00	\$ (1,370.60)	\$ 2,129.40	\$ -	\$ -	\$ 2,129.40
60-013 - Slab Patch & Repair	\$ 25,000.00	\$ (20,823.28)	\$ 4,176.72	\$ -	\$ -	\$ 4,176.72
60-014 - Weekend / Off-Hour Supervision	\$ 50,000.00	\$ (21,079.55)	\$ 28,920.45	\$ (801.86)	\$ -	\$ 28,118.59



Bristol City Hall Renovations and Addition
Budget Summary Log

Cost Code	Original Budget Amount	Approved COs	Revised Budget	Pending Budget Changes	Projected Budget Changes	Estimated Cost at Completion
60-015 - Lead Paint Removal	\$ 5,000.00	\$ -	\$ 5,000.00	\$ -	\$ -	\$ 5,000.00
60-016 - Temp. Protections	\$ 10,000.00	\$ (2,038.63)	\$ 7,961.37	\$ -	\$ -	\$ 7,961.37
60-017 - Additional Paint Touchup	\$ 10,000.00	\$ -	\$ 10,000.00	\$ -	\$ -	\$ 10,000.00
60-018 - Utility Consumption	\$ 200,000.00	\$ (118,127.62)	\$ 81,872.38	\$ -	\$ -	\$ 81,872.38
60-019 - Additional Supplementary Steel	\$ 10,000.00	\$ (9,898.26)	\$ 101.74	\$ -	\$ -	\$ 101.74
60-020 - Perm. Railings at Mech Equip.	\$ 20,000.00	\$ (20,000.00)	\$ -	\$ -	\$ -	\$ -
60-021 - Material Procurement Mitigate	\$ 75,000.00	\$ (72,862.48)	\$ 2,137.52	\$ -	\$ -	\$ 2,137.52
60-022 - Owner Requested Changes	\$ 321,267.00	\$ (318,146.86)	\$ 3,120.14	\$ -	\$ -	\$ 3,120.14
60-501 - Building Permit (State Education Fee Included)	\$ 34,937.00	\$ -	\$ 34,937.00	\$ -	\$ -	\$ 34,937.00
60-502 - P&P Bond	\$ 220,703.00	\$ 14,045.09	\$ 234,748.09	\$ 51.49	\$ -	\$ 234,799.58
60-503 - General Liability Insurance	\$ 207,465.00	\$ 12,203.95	\$ 219,668.95	\$ 44.74	\$ -	\$ 219,713.69
60-504 - State Education Fee	\$ 5,854.00	\$ -	\$ 5,854.00	\$ -	\$ -	\$ 5,854.00
60-506 - MEP Coordination	\$ 236,000.00	\$ -	\$ 236,000.00	\$ -	\$ -	\$ 236,000.00
70-001 - CM Contingency	\$ 811,272.00	\$ (650,017.48)	\$ 161,254.52	\$ (1,262.00)	\$ -	\$ 159,992.52
90-001 - CM Fee	\$ 506,412.00	\$ 32,738.98	\$ 539,150.98	\$ 120.02	\$ -	\$ 539,271.00
Totals	\$ 28,014,428.00	\$ 1,143,364.89	\$ 29,157,792.89	\$ 1,445.39	\$ -	\$ 29,159,238.28

Bristol City Hall Restoration and Addition

Allowance Log

ALLOWANCE HOLDER	DESCRIPTION	BUDGET	APPLIED COST	REVISED BUDGET	PENDING AMOUNT	ANTICIPATED BALANCE
Accurate	Unforeseen HAZMAT Removal and Selective Demolition	\$ 70,000.00	\$ 63,028.77	\$ 6,971.23	\$ 5,983.00	\$ 988.23
Accurate	Unforeseen Lead Paint Removal at Existing Metal Decking	\$ 5,000.00	\$ 1,884.30	\$ 3,115.70	\$ -	\$ 3,115.70
D'Amato Concrete	Misc. Concrete Slab Patching & Repair	\$ 23,400.00	\$ 23,400.00	\$ -	\$ -	\$ -
CT Mason	Additional Masonry Cutting & Patching	\$ 53,500.00	\$ 41,240.00	\$ 12,260.00	\$ 2,633.28	\$ 9,626.72
Downes	Safety Allowance	\$ 12,500.00	\$ 4,558.00	\$ 7,942.00	\$ 648.00	\$ 7,294.00
Acoustics	Additional Drywall Work	\$ 37,000.00	\$ 35,278.91	\$ 1,721.09	\$ -	\$ 1,721.09
Ferguson Mechanical	Utility Fees	\$ 10,000.00	\$ -	\$ 10,000.00	\$ -	\$ 10,000.00
Ferguson Mechanical	Temp Environmental Controls Gas Connection	\$ 15,000.00	\$ 11,689.00	\$ 3,311.00	\$ 694.00	\$ 2,617.00
Ferguson Mechanical	Temporary Environmental Controls Ductwork	\$ 25,000.00	\$ 2,216.00	\$ 22,784.00	\$ 15,000.00	\$ 7,784.00
Ferguson Electric	Additional Temp Lighting & Power	\$ 25,000.00	\$ 14,967.95	\$ 10,032.05	\$ 1,124.00	\$ 8,908.05
Ferguson Electric	Utility Fees	\$ 25,000.00	\$ 17,097.00	\$ 7,903.00	\$ -	\$ 7,903.00
D'Amato Sitework	Additional Site Maintenance	\$ 10,000.00	\$ 9,436.40	\$ 563.60	\$ 563.60	\$ -
D'Amato Sitework	Snow Removal/Winter Conditions	\$ 10,000.00	\$ 1,219.98	\$ 8,780.02	\$ 8,780.02	\$ -
D'Amato Sitework	Fence Maintenance	\$ 10,000.00	\$ 7,425.84	\$ 2,574.16	\$ -	\$ 2,574.16
Total Bid Package Allowances		\$ 331,400.00	\$ 233,442.15	\$ 97,957.85	\$ 35,425.90	\$ 62,531.95
DDJV	Polluted Soils Management	\$ 30,000.00	\$ 9,746.50	\$ 20,253.50	\$ -	\$ 20,253.50
DDJV	Unforeseen Hazardous Material Removal	\$ 25,000.00	\$ 22,942.50	\$ 2,057.50	\$ -	\$ 2,057.50

Bristol City Hall Restoration and Addition

Allowance Log

ALLOWANCE HOLDER	DESCRIPTION	BUDGET	APPLIED COST	REVISED BUDGET	PENDING AMOUNT	ANTICIPATED BALANCE
DDJV	Additional Masonry / Concrete Repair	\$ 28,000.00	\$ 21,112.11	\$ 6,887.89	\$ -	\$ 6,887.89
DDJV	GPR Scanning	\$ 10,000.00	\$ 10,000.00	\$ -	\$ -	\$ -
DDJV	Video Underground Plumbing Utilities Inspection	\$ 3,500.00	\$ 1,370.60	\$ 2,129.40	\$ -	\$ 2,129.40
DDJV	Slab Patching & Repair	\$ 25,000.00	\$ 20,823.28	\$ 4,176.72	\$ -	\$ 4,176.72
DDJV	Weekend/Off-Hours Supervision	\$ 50,000.00	\$ 38,631.55	\$ 11,368.45	\$ 5,878.00	\$ 5,490.45
DDJV	Additional Lead Paint Removal	\$ 5,000.00	\$ -	\$ 5,000.00	\$ -	\$ 5,000.00
DDJV	Temporary Protection	\$ 10,000.00	\$ 2,038.63	\$ 7,961.37	\$ -	\$ 7,961.37
DDJV	Additional Painting Touch-Up	\$ 10,000.00	\$ -	\$ 10,000.00	\$ -	\$ 10,000.00
DDJV	Utility Consumption	\$ 200,000.00	\$ 118,127.62	\$ 81,872.38	\$ -	\$ 81,872.38
DDJV	Additional Supplementary Steel	\$ 10,000.00	\$ 9,898.26	\$ 101.74	\$ -	\$ 101.74
DDJV	Permanent Railings at RTU Equipment	\$ 20,000.00	\$ 20,000.00	\$ -	\$ -	\$ -
DDJV	Material Procurement Mitigation	\$ 75,000.00	\$ 70,095.48	\$ 4,904.52	\$ 2,767.00	\$ 2,137.52
DDJV	Owner Requested Changes	\$ 321,267.00	\$ 320,913.86	\$ 353.14	\$ -	\$ 353.14
Total GMP Allowances		\$ 822,767.00	\$ 665,700.39	\$ 157,066.61	\$ 8,645.00	\$ 148,421.61

Acoustics Allowances

Additional Drywall Work						\$	37,000.00
Date	Subcontractor PCO #	Description	Applied Cost	Pending Cost	Month Billed		
10/7/2022	13A	Added Framing for OH Coiling Doors	\$ 704.00		October 2022		
11/30/2022	13A	Added Framing for OH Coiling Doors	\$ 6,333.04		November 2022		
2/13/2023	38	Building up sills at Curtain Walls	\$ 595.46		February 2023		
12/27/2022	25A	RFI#214 - Additional Furred Out Walls on Ground Floor	\$ 6,315.64		February 2023		
12/27/2022	25A	RFI#214 - Additional Furred Out Walls on Ground Floor	\$ 2,706.70		March 2023		
1/10/2022	29	Added Knee Walls at CW in Atrium	\$ 3,537.77		May 2023		
4/12/2023	45A	PR #52 - New Wall for Dedication Plaque (50%)	\$ 1,615.33		June 2023		
6/13/2023	46	Added MDF Shade Pocket	\$ 7,286.44		June 2023		
6/13/2023	48A	RFI #393 - Added Wall (50%)	\$ 2,284.60		June 2023		
4/12/2023	45B	PR #52 - New Wall for Dedication Plaque (50%)	\$ 1,615.33		July 2023		
6/13/2023	48B	RFI #393 - Added Wall (50%)	\$ 2,284.60		July 2023		
Subtotal			\$ 35,278.91	\$ -			
Anticipated Balance						\$	1,721.09

Accurate Insulation Allowances

Unforeseen HAZMAT Removal and Selective Demolition						\$	70,000.00
Date	Subcontractor PCO #	Description	Applied Cost	Pending Cost	Month Billed		
8/17/2022	6	Grinding Painted Seams	\$ 3,598.63		August 2022		
7/13/2022	3	Demo Cast in Place Concrete Wall	\$ 7,387.20		September 2022		
7/19/2022	4	Lab pack and disposal of existing chemicals	\$ 5,013.39		September 2022		
10/4/2022	10	Small Containment and PCB Block and Brick	\$ 1,808.00		October 2022		
10/12/2022	12	Removal of CMU Soffit	\$ 599.00		October 2022		
11/9/2022	13	Demo of Misc. Roof Curbs	\$ 1,710.00		November 2022		
12/2/2022	14	Unforeseen Demo of Added Slab and Steel	\$ 3,175.55		December 2022		
12/9/2022	15	Cut Concrete from South Vestibule	\$ 3,304.00		December 2022		
12/20/2022	16	Unforeseen Asbestos in North Vestibule	\$ 2,240.00		December 2022		
12/27/2022	19	Concrete Wall Cutting for Duct Opening	\$ 4,590.00		December 2022		
1/23/2023	20	Demo of Concrete Wall	\$ 3,872.00		January 2023		
1/30/2023	21	Removal of Pie Shaped Piece of Atrium Slab	\$ 1,230.00		January 2023		
1/3/2023	18	Garage Abatement and Demo for Updates in PR #25	\$ 7,320.00		February 2023		
2/28/2023	22	North Vestibule Ramp Grinding for Glass Rails	\$ 761.00		February 2023		
2/28/2023	23	Out of Scope Additional Demo	\$ 1,181.00		February 2023		
1/3/2023	18	Garage Abatement and Demo for Updates in PR #25	\$ 4,165.00		March 2023		
3/21/2023	24	Removal of plasters and sheetrock wall in North Vestibule	\$ 540.00		March 2023		
3/25/2023	25	Removal of Basement Slab for New Pipe Run	\$ 5,324.00		March 2023		
1/3/2023	18	Garage Abatement and Demo for Updates in PR #25	\$ 2,880.00		June 2023		
6/9/2023	26	Skybridge & Other Misc. Demolition	\$ 2,330.00		June 2023		
8/11/2023	27	Removal of Doorway at Parking Garage Side of Skybridge		\$ 1,663.00	August 2023		
9/11/2023	28	Misc. Demo		\$ 4,320.00	August 2023		
Subtotal			\$ 63,028.77	\$ 5,983.00			
Anticipated Balance						\$	988.23

Unforeseen Lead Paint Removal at Existing Metal Decking						\$	5,000.00
Date	Subcontractor PCO #	Description	Applied Cost	Pending Cost	Month Billed		
6/15/2022	2	Removal of Drums Containing Solid Lead Waste	\$ 1,884.30		August 2022		
Subtotal			\$ 1,884.30	\$ -			
Anticipated Balance						\$	3,115.70

D'Amato Construction (Concrete) Allowances

Misc. Concrete Slab Patching & Repair						\$	23,400.00
Date	Subcontractor PCO #	Description	Applied Cost	Pending Cost	Month Billed		
11/9/2022	10	Overtime on 11/5 to prep for concrete	\$ 2,224.00		November 2022		
12/19/2022	11	Infill Existing Slab Penetrations	\$ 3,062.80		November 2022		
12/19/2022	12	Infills at Ground Floor Bathrooms	\$ 267.00		November 2022		
12/19/2022	13	Raise Shelf Elevation to Accept Brick Veneer	\$ 940.00		December 2022		
1/16/2023	15	Patch Existing Penetrations	\$ 1,827.00		December 2022		
1/13/2023	17	Ceiling Patching in North Stairwell	\$ 257.38		December 2022		
1/13/2023	18	Patching in Records Vault Ceiling	\$ 1,712.64		December 2022		
1/13/2023	16	North Stairwell Patching	\$ 2,376.00		January 2023		
3/2/2023	20	Record Vault Column Parging	\$ 792.00		February 2023		
4/7/2023	21	RFI #359 - Connect Existing Areaway Drains to Storm Lines	\$ 2,034.60		June 2023		
4/10/2023	22	Concrete Pad for Prefabricated Stand for GFI Outlets	\$ 843.60		June 2023		
6/14/2023	23	Brick Façade Color Match	\$ 2,479.00		June 2023		
6/15/2023	24	PR #17 - EM 3 Grill Trench Drain at Atrium Entrance	\$ 2,874.84		June 2023		
6/21/2023	25	West Entrace Existing Stair Infill	\$ 1,709.14		June 2023		
Subtotal			\$ 23,400.00	\$ -			
Anticipated Balance						\$	-

Conn Mason Allowances

Additional Masonry Cutting & Patching						\$	53,500.00
Date	Subcontractor PCO #	Description	Applied Cost	Pending Cost	Month Billed		
10/26/2022	13	Exterior Wall Patching	\$ 8,768.07		November 2022		
12/13/2022	15	RFI #256 - Patching North Stairwell	\$ 12,279.89		December 2022		
2/13/2023	17	RFI #256 - Patching North Stairwell	\$ 2,977.40		January 2023		
10/17/2022	4	RFI #233 Column Repair & Parging	\$ 2,625.20		May 2023		
11/15/2022	14	RFI #260 Old Tax Office Parging	\$ 1,537.12		May 2023		
4/17/2023	21	Parge Additional Foundation Walls	\$ 7,213.24		May 2023		
4/17/2023	22	Power Wash Concrete Site Walls	\$ 2,588.30		May 2023		
6/16/2023	27	Misc. Ticket Work	\$ 3,250.78		May 2023		
9/25/2023	28	Masonry Patching & Site Touchups		\$ 2,633.28	September 2023		
		PR #74R			September 2023		
						\$	9,626.72
Subtotal			\$ 41,240.00	\$ 2,633.28			
Anticipated Balance							

Downes Construction Allowances

Safety Allowance						\$	12,500.00
Date	Subcontractor PCO #	Description	Applied Cost	Pending Cost	Month Billed		
6/21/2023		Removal of Countertops from Mayor's Office and Corp Counsel.	\$ 1,429.00		June 2023		
7/14/2023	52	Premium Time for 7/15/2023	\$ 960.00		July 2023		
7/25/2023	55	Premium Time for 7/22/2023	\$ 486.00		July 2023		
8/23/2023	65	Premium Time for 8/19/2023	\$ 723.00		August 2023		
8/24/2023	67	Premium Time for 8/26/2023	\$ 960.00		August 2023		
9/21/2023	75	Window Sill Blocking Modifications in C. Chambers		\$ 166.00	September 2023		
9/25/2023	74	Additional Door Contacts		\$ 482.00	September 2023		
Subtotal			\$ 4,558.00	\$ 648.00			
Anticipated Balance						\$	7,294.00

Ferguson Mechanical Allowances

Utility Fees						\$	10,000.00
Date	Subcontractor PCO #	Description	Applied Cost	Pending Cost	Month Billed		
Subtotal			\$ -	\$ -			
Anticipated Balance						\$	10,000.00

Temp Environmental Controls Gas Connection						\$	15,000.00
Date	Subcontractor PCO #	Description	Applied Cost	Pending Cost	Month Billed		
2/11/2023	624	Temp Heater Gas Piping	\$ 8,559.19		January 2023		
2/11/2023	624	Temp Heater Gas Piping	\$ 300.81		February 2023		
2/11/2023	634A	Gas Riser Modifications	\$ 2,829.00		June 2023		
10/10/2023	653	Demo Temp Heat Gas Piping		\$ 694.00	September 2023		
Subtotal			\$ 11,689.00	\$ 694.00			
Anticipated Balance						\$	2,617.00

Temporary Environmental Controls Ductwork						\$ 25,000.00
Date	Subcontractor PCO #	Description	Applied Cost	Pending Cost	Month Billed	
3/23/2023	NA	Reconcile Portion of Trade and GMP Allowances		\$ 15,000.00		
4/28/2023	642	South Vestibule Supply Duct Relocation per QAM	\$ 2,216.00		April 2023	
Subtotal			\$ 2,216.00	\$ 15,000.00		
Anticipated Balance						\$ 7,784.00

Ferguson Electric Allowances

Additional Temp Lighting & Power						\$	25,000.00
Date	Subcontractor PCO #	Description	Applied Cost	Pending Cost	Month Billed		
11/30/2022	633	Wire Temp Heaters	\$ 2,323.95		January 2023		
5/5/2023	650	Temp. Power Set Up to Remove Existing Transformer	\$ 6,859.00		April 2023		
7/18/2023	651	Removed Power to Temp AC Units	\$ 2,007.00		July 2023		
9/21/2023	661	Temp. AC Power Feed	\$ 3,778.00		September 2023		
10/11/2023	669	Relocate Council Chambers Camera		\$ 277.00	September 2023		
10/11/2023	670	Added Wallpack Outside of Penthouse		\$ 847.00	September 2023		
		TICKET 5297 - PCO REQUESTED 10/5					
Subtotal			\$ 14,967.95	\$ 1,124.00			
Anticipated Balance						\$	8,908.05

Utility Fees						\$	25,000.00
Date	Subcontractor PCO #	Description	Applied Cost	Pending Cost	Month Billed		
6/27/2022	601	Eversource Utility Fee	\$ 17,097.00		October 2022		
		TICKET 5294 - PCO REQUESTED 9/22					
Subtotal			\$ 17,097.00	\$ -			
Anticipated Balance						\$	7,903.00

D'Amato Construction (Sitework) Allowances

Additional Site Maintenance						\$	10,000.00
Date	Subcontractor PCO #	Description	Applied Cost	Pending Cost	Month Billed		
12/19/2022	17	Additional Structural Fill Material at Sidewalks	\$ 1,660.00		November 2022		
2/24/2023	23	Additional Exacavation and Bedding Sand for FA Conduits	\$ 480.00		March 2023		
4/10/2023	28	PVC Pipe to Discharge Area Way Drains at Amphitheater	\$ 2,051.17		March 2023		
4/26/2023	31	Temp. Power Set Up to Remove Existing Transformer	\$ 2,308.23		April 2023		
6/15/2023	32	RFI #387 - Foundation Crack Sealing	\$ 2,937.00		June 2023		
7/25/2023	40	RFI #411 Granite Curb Inlets & Catch Basin Tops		\$ 563.60	August 2023		
Subtotal			\$ 9,436.40	\$ 563.60			
Anticipated Balance						\$	-

Snow Removal/Winter Conditions						\$	10,000.00
Date	Subcontractor PCO #	Description	Applied Cost	Pending Cost	Month Billed		
6/14/2023	37	RFI #377 - Replace Garage Floor Drain Covers	\$ 1,219.98		June 2023		
7/25/2023	40	RFI #411 Granite Curb Inlets & Catch Basin Tops		\$ 8,780.02	August 2023		
Subtotal			\$ 1,219.98	\$ 8,780.02			
Anticipated Balance						\$	-

Fence Maintenance						\$	10,000.00
Date	Subcontractor PCO #	Description	Applied Cost	Pending Cost	Month Billed		
12/2/2022	16	Temporary Fence Scrim Repairs	\$ 494.53		November 2022		
3/2/2023	24	Fence Maintenance at Laydown Yard	\$ 2,017.46		February 2023		
4/10/2023	30	Temporary Fence & Scrim Maintenance	\$ 3,494.82		March 2023		
7/25/2023	45	N. Main St. Bust Stop Fencing	\$ 1,419.03		July 2023		
Subtotal			\$ 7,425.84	\$ -			
Anticipated Balance						\$	2,574.16

D'Amato Downes Joint Venture
GMP Allowances

Polluted Soils Management				
Date	Description	Applied Cost	Pending Cost	\$ 30,000.00
9/21/2022	PCO #173 - Unsuitable Soil Replacement	\$ 4,746.50		
	PCO #293 - Reconcile Portion of Trade and GMP Allowances	\$ 5,000.00		
	Subtotal	\$ 9,746.50	\$ -	
Anticipated Balance				\$ 20,253.50

Unforeseen Hazardous Material Removal				
Date	Description	Applied Cost	Pending Cost	\$ 25,000.00
6/1/2022	PCO #110 - Demo & Hazmat Unit Price Adds and Credits	\$ 12,942.50		
2/23/2023	PCO #262 - Reconcile Portion of Trade and GMP Allowances	\$ 10,000.00		
	Subtotal	\$ 22,942.50	\$ -	
Anticipated Balance				\$ 2,057.50

Additional Masonry / Concrete Repair				
Date	Description	Applied Cost	Pending Cost	\$ 28,000.00
	PCO #325 - Additional Parging on Existing Masonry Façade	\$ 21,112.11		
	Subtotal	\$ 21,112.11	\$ -	
Anticipated Balance				\$ 6,887.89

GPR Scanning				
Date	Description	Applied Cost	Pending Cost	\$ 10,000.00
2/23/2023	PCO #262 - Reconcile Portion of Trade and GMP Allowances	\$ 5,000.00		
3/23/2023	PCO #293 - Reconcile Portion of Trade and GMP Allowances	\$ 5,000.00		
	Subtotal	\$ 10,000.00	\$ -	
Anticipated Balance				\$ -

Video Underground Plumbing Utilities Inspection				
Date	Description	Applied Cost	Pending Cost	\$ 3,500.00
4/17/2023	PCO #292 - RFI #359 - Connect Existing Areaway Drain to Sump Pit	\$ 1,370.60		
	Subtotal	\$ 1,370.60	\$ -	
Anticipated Balance				\$ 2,129.40

D'Amato Downes Joint Venture
GMP Allowances

Slab Patching & Repair				\$	25,000.00
Date	Description	Applied Cost	Pending Cost		
9/1/2022	PCO #161 - RFI #197 - Patch Existing Pipe Penetrations in Concrete Slabs	\$ 7,011.96			
9/21/2022	PCO #172 - Existing Building Additional Slab Infills	\$ 6,879.65			
4/13/2023	PCO #304 - PR #56 - Reinforce Existing Concrete Beams for HDS	\$ 6,931.67			
Subtotal		\$ 20,823.28	\$ -		
Anticipated Balance				\$	4,176.72

Weekend/Off-Hours Supervision				\$	50,000.00
Date	Description	Applied Cost	Pending Cost		
10/31/2022	DDJV Weekend Supervision for October 2022	\$ 3,350.00			
11/30/2022	DDJV Weekend Supervision for November 2022	\$ 2,730.00			
12/31/2022	DDJV Weekend Supervision for December 2022	\$ 2,730.00			
1/31/2023	DDJV Weekend Supervision for January 2023	\$ 2,600.00			
2/28/2023	DDJV Weekend Supervision for February 2023	\$ 2,600.00			
3/31/2023	DDJV Weekend Supervision for March 2023	\$ 2,440.00			
4/30/2023	DDJV Weekend Supervision for April 2023	\$ 4,180.00			
5/19/2023	PCO #311 - RTU Rigging During Off Hours	\$ 1,615.00			
7/1/2023	DDJV Weekend Supervision for July 2023	\$ 2,800.00			
8/7/2023	PCO #347 - Premium Time Through July 2023	\$ 7,002.55			
9/7/2023	PCO #378 - Premium Time Through August 2023	\$ 6,584.00			
10/4/2023	PCO #409 - Premium Time Through September 2023		\$ 5,878.00		
	Subtotal	\$ 38,631.55	\$ 5,878.00		
Anticipated Balance				\$	5,490.45

Additional Lead Paint Removal				\$	5,000.00
Date	Description	Applied Cost	Pending Cost		
	Subtotal	\$ -	\$ -		
Anticipated Balance				\$	5,000.00

Temporary Protection				\$	10,000.00
Date	Description	Applied Cost	Pending Cost		

D'Amato Downes Joint Venture
GMP Allowances

5/31/2023	PCO #337 - Safety Equipment for Added Skybridge Work	\$	2,038.63		
Subtotal		\$	2,038.63	\$	-
				Anticipated Balance	\$ 7,961.37

Additional Painting Touch-Up					\$ 10,000.00
Date	Description		Applied Cost	Pending Cost	
Subtotal		\$	-	\$	-
				Anticipated Balance	\$ 10,000.00

Utility Consumption					\$ 200,000.00
Date	Description		Applied Cost	Pending Cost	
12/8/2022	PCO #223 - Reconcile Portion of Utility Consumption Allowance	\$	24,127.62		
5/4/2023	PCO #321 - Reconcile Portion of Utility Consumption Allowance	\$	40,000.00		
5/1/2023	PCO #340 - Reconcile Portion of Utility Consumption Allowance	\$	54,000.00		
Subtotal		\$	118,127.62	\$	-
				Anticipated Balance	\$ 81,872.38

Additional Supplementary Steel					\$ 10,000.00
Date	Description		Applied Cost	Pending Cost	
2/14/2023	PCO #222 - RFI #222 - South Vestibule Modifications	\$	4,371.77		
1/12/2023	PCO #238 - RFI #298 - Steel Support Angle for Atrium Guardrail	\$	5,526.49		
Subtotal		\$	9,898.26	\$	-
				Anticipated Balance	\$ 101.74

Permanent Railings at RTU Equipment					\$ 20,000.00
Date	Description		Applied Cost	Pending Cost	
8/11/2022	PCO #137 - RFI #62 - RTU 4 Roof Safety Railings	\$	17,359.87		
10/28/2022	PCO #180 - RFI #189 - Landings at Stair 1 and Penthouse Doors	\$	2,640.13		
Subtotal		\$	20,000.00	\$	-
				Anticipated Balance	\$ -

D'Amato Downes Joint Venture
GMP Allowances

Material Procurement Mitigation				\$	75,000.00
Date	Description	Applied Cost	Pending Cost		
11/10/2022	PCO #205 - Additional Color for ACM Panels	\$ 2,640.00			
12/8/2022	PCO #225 - Custom Color Sprinkler Cover Plates	\$ 935.00			
12/15/2022	PCO #228 - RFI #295 - Added Millwork in Library 306A	\$ 15,947.01			
1/12/2023	PCO #240 - Lightning Protection System Replacement	\$ 7,493.00			
1/30/2023	PCO #253 - RFI #315 - Furred Out Walls in Storage 021	\$ 7,247.63			
2/23/2023	PCO #269 - Added Drafting Time for Curtain Wall Changes	\$ 3,410.00			
4/10/2023	PCO #289 - RFI #355 - Added Door Operator and New Opening at Skybridge	\$ 14,241.00			
3/23/2023	PCO #293 - Reconcile Portion of Trade and GMP Allowances	\$ 5,000.00			
4/10/2023	PCO #302 - RFI #364 - Updated Glass Type on Atrium Curtain Wall	\$ 1,018.91			
4/19/2023	PCO #309 - RFI #371 - Paint Wall Panel Reveals in Council Chambers	\$ 2,188.93			
7/24/2023	PCO #359 - RFI #400 - Install Owner Supplied Toilet Accessories	\$ 3,254.00			
7/24/2023	PCO #361 - PR #66 - Safe Enclosure and Shelving in Tax Collector Office	\$ 4,030.00			
7/25/2023	PCO #368 - RFI #410 - Added Countertop in Room 208K	\$ 2,083.00			
8/9/2023	PCO #377 - Revised Wall Covering Roll Size	\$ 607.00			
9/13/2023	PCO #405 - Added Roller Shade in Room 208G		\$ 2,767.00		
	Subtotal	\$ 70,095.48	\$ 2,767.00		
			Anticipated Balance	\$	2,137.52

Owner Requested Changes				\$	321,267.00
Date	Description	Applied Cost	Pending Cost		
8/15/2022	PCO #100 - PR #03 - New Fire Water Line	\$ 69,059.41			
9/15/2022	PCO #102 - PR #05 - Additional Site Electrical	\$ 9,599.40			
9/19/2022	PCO #103 - PR #06 - Added Sinks, Mop Sinks and Water Coolers	\$ 79,856.59			
10/6/2022	PCO #141 - RFI #73 - EV Charging Station	\$ 23,028.08			
12/1/2022	PCO #191 - PR #29 - City Requested Changes	\$ 5,738.68			
11/17/2022	PCO #195 - PR #32 - Updated Roller Window Shade Enclosures	\$ 14,560.70			
1/5/2023	PCO #235 - PR #37 - City Requested Revisions	\$ 13,481.57			
2/23/2023	PCO #248 - PR #07 - 3rd Floor Staff Lounge	\$ 27,934.44			
1/25/2023	PCO #250 - PR #06 - Added Tile to Water Cooler Walls	\$ 3,026.76			
2/16/2023	PCO #261 - PR #44 - Ceiling Updates in Stairwell and at Windows	\$ 16,711.03			
3/16/2023	PCO #271 - PR #08 - Privacy Film and Roller Shades	\$ 6,659.30			
4/26/2023	PCO #287 - PR #49 - Replace Existing Ramp at North Entrance	\$ 23,791.90			
4/11/2023	PCO #298 - PR #53 - Lighting for Exterior Bristol Logo Sign	\$ 6,555.00			
5/15/2023	PCO #328 - PR #58 - Upper Cabinets in Corp Counsel Library 306A	\$ 8,522.00			
6/1/2023	PCO #335 - PR #61 - Additional Upper Cabinets in Corp Counsel Library 306A	\$ 4,327.00			
6/8/2023	PCO #338 - PR #62 - Revised Millwork in Fire Marshal Storage 205A	\$ 3,095.00			
7/17/2023	PCO #352 - PR #08R2 - Privacy Film and Roller Shades	\$ 2,200.00			
9/21/2023	PCO #405 - Added Roller Shade in Room 208G	\$ 2,767.00			

D'Amato Downes Joint Venture
GMP Allowances

		Subtotal	\$ 320,913.86	\$ -
			Anticipated Balance	\$ 353.14



DAmato + Downes JV

Printed on Wed Oct 11, 2023 at 03:47 pm EDT

Job #: 60-19-0003 Bristol City Hall Reno/Addition
131 North Main Street
Bristol, Connecticut 06010

RFI LOG

#	Subject	Status	Responsible Contractor	Received From	Assignee	Date Initiated	RFI Manager	Due Date	Closed Date	Ball In Court	Location	Schedule Impact	Cost Code	Cost Impact
430	Skybridge Expansion Joint Covers	Open	D'Amato + Downes JV	D'Amato, Darian (D'Amato + Downes JV)	O'Neill, Chris (Q...	10/03/2023	Darian D'Amato	10/08/2023		O'Neill, Chris (Q...		Yes (Unknown)		Yes (Unknown)
Darian D'Amato Sent Tue Oct 3, 2023 at 03:48 pm EDT See attached photos. On both ends of the skybridge there are existing expansion joints between the bridge and both buildings. Joint appears to be in good shape. Proper expansion covers are required at each end to allow for movement. Dimensions: City Hall side 5'L X 3.5"W from HM frame edge to HM frame edge (refer to photos) PD side 4.5'L X 3.5"W from PD concrete wall to bridge curtain wall framing (refer to photos) Q: Please provide product data for each expansion cover. Note that profiles would be different on both ends due to variation in existing conditions. 20231003_124125.jpg 20231003_124121.jpg 20231003_124128.jpg 20231003_124307.jpg 20231003_124250.jpg A: Darian D'Amato (D'Amato + Downes JV) Responded Wed Oct 11, 2023 at 02:53 pm EDT Chris - we need both covers, they will be ordered together. Please provide. Chris O'Neill (QA+M Architecture) Responded Tue Oct 10, 2023 at 03:29 pm EDT Provide pemko 158d, attached, at the city hall to skybridge door. Provide unpunched threshold so holes can be located in field for offset installation. Provide temporary threshold at skybridge to parking garage until permanent solution can be provided. ASSA ABLOY Pemko Commercial Thresholds_ Half Saddle_Offset Saddle Thresholds Cut Sheet.pdf														
408	ADA Clearance Issue in Bathrooms	Open	D'Amato + Downes JV	Karcha, Eugene (D'Amato + Downes JV)	O'Neill, Chris (Q...	07/20/2023	Darian D'Amato	07/25/2023		O'Neill, Chris (Q...		TBD		Yes (Unknown)
Eugene Karcha Sent Thu Jul 20, 2023 at 01:54 pm EDT As discovered today with Building Official, there is a clearance issue in all stacked woman's bathrooms on all three floors, see attached snip. Q: Please provide a solution ASAP, as this would prevent us from getting a CO. Bathroom Issue.PNG Eugene Karcha (D'Amato + Downes JV) Responded Thu Jul 27, 2023 at 11:48 am EDT See attached Final Revised Toilet Partition Layout - RFI#408 (07.27.2023). Removal of existing partitions is performed, materials are released and would be installed upon arrival. A: RFI would stay open until Code Modification is received and uploaded for record by QAM. Final Revised Toilet Partition Layout - RFI#408 (07.27.2023).pdf Chris O'Neill (QA+M Architecture) Responded Mon Jul 24, 2023 at 09:43 am EDT A: A code modification request has been submitted to the state to reduce depth the end toilet stall to below the required 5'-0" to provide the minimum clearance of 32" between the partition and column. A on site meeting has been scheduled to review the modifications that will be required to the partitions.														

All Submittals

Spec Section	#	Rev.	Title	Type	Status	Responsible Contractor	Final Due Date	Submit By	Location	Received From	Received Date	Ball In Court	Approvers	Response	Sent Date	Returned Date	Due Date	Distributed Date
237413 - PACKAGED, OUTDOOR, ROOFTOP AIR-CONDITIONING UNITS	237413-3	0	RTU - Startup Report	Document	Open	Ferguson Electric Company, Inc	09/30/2023			Thomas Ferguson		Dinea Frasca (QA+M Architecture) Jason Levy (QA+M Architecture) Chris O'Neill (QA+M Architecture)	Victoria Dogolo (Ferguson Mechanical Co., Inc) Thomas Ferguson (Ferguson Electric Company, Inc) Darian D'Amato (D'Amato + Downes JV) Tyler Long (Long Consulting) Dinea Frasca (QA+M Architecture) Jason Levy (QA+M Architecture) Chris O'Neill (QA+M Architecture)	Pending Submitted Reviewed Approved Pending Pending	09/19/2023 09/19/2023 09/15/2023 09/15/2023 09/15/2023 09/15/2023	09/19/2023 09/19/2023 09/21/2023	09/15/2023 09/15/2023 09/20/2023 09/30/2023 09/30/2023	
235216 - CONDENSING BOILERS	235216-2	0	Condensing Boiler - Startup Report	Document	Open	Ferguson Mechanical Co., Inc	10/31/2023			Victoria Dogolo		Chris O'Neill (QA+M Architecture)	Victoria Dogolo (Ferguson Mechanical Co., Inc) Darian D'Amato (D'Amato + Downes JV) Tyler Long (Long Consulting) Chris O'Neill (QA+M Architecture)	Submitted Reviewed Approved Pending	10/09/2023 10/10/2023 10/10/2023	10/09/2023 10/10/2023 10/10/2023	10/09/2023 10/10/2023 10/17/2023 10/31/2023	
233600 - AIR TERMINAL UNITS	233600-1	2	Air Terminal Units - Product Data	Product Information	Open	Ferguson Electric Company, Inc	08/09/2022			Thomas Ferguson		Victoria Dogolo (Ferguson Mechanical Co., Inc)	Victoria Dogolo (Ferguson Mechanical Co., Inc) Darian D'Amato (D'Amato + Downes JV) Tyler Long (Long Consulting) Jason Levy (QA+M Architecture) Chris O'Neill (QA+M)	Pending Pending Pending Pending Pending			07/25/2022 07/25/2022 07/30/2022 08/09/2022 08/09/2022	

Spec Section	#	Rev.	Title	Type	Status	Responsible Contractor	Final Due Date	Submit By	Location	Received From	Received Date	Ball In Court	Approvers	Response	Sent Date	Returned Date	Due Date	Distributed Date
													Architecture)					
230593 - TESTING, ADJUSTING, AND BALANCING FOR HVAC	230593-2	0	Preliminary Air & Water - Report	Document	Open	Ferguson Mechanical Co., Inc	10/12/2023			Victoria Dogolo		Chris O'Neill (QA+M Architecture)	Victoria Dogolo (Ferguson Mechanical Co., Inc) Darian D'Amato (D'Amato + Downes JV) Tyler Long (Long Consulting) Chris O'Neill (QA+M Architecture)	Submitted Reviewed Approved Pending	09/20/2023 09/21/2023 09/28/2023	09/20/2023 09/21/2023 09/28/2023	09/20/2023 09/21/2023 10/12/2023	
210500 - COMMON WORK RESULTS FOR FIRE SUPPRESSION	210500-4	0	Fire Sprinkler - Test Reports	Document	Open	Synergy Fire Systems, LLC	09/29/2023			Bill Sparano		Dinea Frasca (QA+M Architecture) Jason Levy (QA+M Architecture) Chris O'Neill (QA+M Architecture)	Bill Sparano (Synergy Fire Systems, LLC) Darian D'Amato (D'Amato + Downes JV) Tyler Long (Long Consulting) Dinea Frasca (QA+M Architecture) Jason Levy (QA+M Architecture) Chris O'Neill (QA+M Architecture)	Submitted For Record Only Approved Pending Pending	09/14/2023 09/14/2023 09/14/2023 09/14/2023	09/14/2023 09/14/2023 09/14/2023	09/14/2023 09/14/2023 09/19/2023 09/29/2023 09/29/2023	
101400 - SIGNAGE	101400-10	0	City Seal - Sample	Sample	Open	Downes Construction Company	10/16/2023			Anthony Mossa		Dinea Frasca (QA+M Architecture) Jason Levy (QA+M Architecture) Chris O'Neill (QA+M Architecture)	Anthony Mossa (Downes Construction Company) Darian D'Amato (D'Amato + Downes JV) Dinea Frasca (QA+M Architecture) Jason Levy (QA+M Architecture) Chris O'Neill (QA+M Architecture)	Submitted Reviewed Pending Pending Pending	10/06/2023 10/06/2023 10/06/2023 10/06/2023	10/06/2023 10/06/2023 10/06/2023	10/06/2023 10/06/2023 10/16/2023 10/16/2023	
099100 - PAINTING	099100-6	0	Sidewalk Stain - Color Chart	Sample	Open	M & P Painting LLC	07/24/2023			Mike Nappi		Mike Nappi (M & P Painting LLC)	Mike Nappi (M & P Painting LLC) Darian D'Amato (D'Amato + Downes JV) Dinea Frasca	Pending Pending Pending Pending	07/14/2023		07/14/2023 07/14/2023 07/24/2023 07/24/2023	

Spec Section	#	Rev.	Title	Type	Status	Responsible Contractor	Final Due Date	Submit By	Location	Received From	Received Date	Ball In Court	Approvers	Response	Sent Date	Returned Date	Due Date	Distributed Date
													(QA+M Architecture) Jason Levy (QA+M Architecture) Chris O'Neill (QA+M Architecture)					
074213.19 - INSULATED METAL WALL PANELS	074213.19-1	1	Insulated Metal Wall Panels - Product Data	Product Information	Open	Cherry Hill Glass Co., Inc.	08/29/2022			Barbra Pearce		Barbra Pearce (Cherry Hill Glass Co., Inc.)	Barbra Pearce (Cherry Hill Glass Co., Inc.) Darian D'Amato (D'Amato + Downes JV) Dinea Frasca (QA+M Architecture) Jason Levy (QA+M Architecture) Chris O'Neill (QA+M Architecture)	Pending Pending Pending Pending	08/19/2022		08/19/2022 08/19/2022 08/29/2022 08/29/2022	
055213 - PIPE AND TUBE RAILINGS	055213-1	1	Site Slab Guardrail - Shop Drawings	Shop Drawing	Open	Steeltech Building Products	09/15/2023			Alex Newton		Alex Newton (Steeltech Building Products)	Alex Newton (Steeltech Building Products) Darian D'Amato (D'Amato + Downes JV) Dinea Frasca (QA+M Architecture) Jason Levy (QA+M Architecture) Chris O'Neill (QA+M Architecture)	Pending Pending Pending Pending	09/05/2023		09/05/2023 09/05/2023 09/15/2023 09/15/2023	
055100 - METAL STAIRS	055100-1	2	Atrium Stairs - Shop Drawings	Shop Drawing	Open	Steeltech Building Products	09/21/2023			Alex Newton		David Aucoin (PES Structural Engineers)	Alex Newton (Steeltech Building Products) Barbara Tyszka (Steeltech Building Products) Darian D'Amato (D'Amato + Downes JV) David Aucoin (PES Structural Engineers) Dinea Frasca (QA+M Architecture) Jason Levy (QA+M Architecture)	Submitted Pending Reviewed Pending Pending Pending	09/02/2022 09/02/2022 08/30/2023 08/31/2023	08/30/2023 08/31/2023	09/02/2022 09/02/2022 09/07/2023 09/21/2023 09/21/2023	

Spec Section	#	Rev.	Title	Type	Status	Responsible Contractor	Final Due Date	Submit By	Location	Received From	Received Date	Ball In Court	Approvers	Response	Sent Date	Returned Date	Due Date	Distributed Date
													Architecture) Chris O'Neill (QA+M Architecture)					
055000 - METAL FABRICATIONS	055000-1	1	Exterior Railings - Shop Drawings	Shop Drawing	Open	Steeltech Building Products	03/25/2023			Alex Newton		Alex Newton (Steeltech Building Products) Barbara Tyszka (Steeltech Building Products)	Darian D'Amato (D'Amato + Downes JV) Dinea Frasca (QA+M Architecture) Jason Levy (QA+M Architecture) Chris O'Neill (QA+M Architecture)	Pending Pending Pending Pending Pending	03/15/2023 03/15/2023		03/15/2023 03/15/2023 03/15/2023 03/25/2023 03/25/2023	
051200 - STRUCTURAL STEEL	051200-4	1	Existing Building Steel - Erection Plans	Shop Drawing	Open	Steeltech Building Products	07/23/2022			Alex Newton		Alex Newton (Steeltech Building Products) Barbara Tyszka (Steeltech Building Products)	Darian D'Amato (D'Amato + Downes JV) Nathan Foust (PES Structural Engineers) Jason Levy (QA+M Architecture) Chris O'Neill (QA+M Architecture)	Pending Pending Pending Pending Pending	07/08/2022		07/08/2022 07/08/2022 07/08/2022 07/13/2022 07/23/2022 07/23/2022	
017823 - OPERATION AND MAINTENANCE DATA	017823-12	0	Communications - O&M Manual	Product Manual	Open	Net Services, LLC	10/14/2023			Nic Okun		Nick D'Agostino (D'Agostino Associates - AV/IT/ Security Consultant)	Nicolas Bane (Net Services, LLC) Nic Okun (Net Services, LLC) Darian D'Amato (D'Amato + Downes JV) Nick D'Agostino (D'Agostino Associates - AV/IT/ Security Consultant) Dinea Frasca	Pending Submitted Reviewed Pending Pending Pending	09/29/2023 09/29/2023	09/29/2023 09/29/2023	09/29/2023 09/29/2023 10/04/2023 10/14/2023 10/14/2023	

Spec Section	#	Rev.	Title	Type	Status	Responsible Contractor	Final Due Date	Submit By	Location	Received From	Received Date	Ball In Court	Approvers	Response	Sent Date	Returned Date	Due Date	Distributed Date
													(QA+M Architecture) Jason Levy (QA+M Architecture) Chris O'Neill (QA+M Architecture)					
017823 - OPERATION AND MAINTENANCE DATA	017823-11	0	Elevator - O&M Manual	Product Manual	Open	Otis Elevator Company	10/05/2023			Thomas Longhi			Dinea Frasca (QA+M Architecture) Jason Levy (QA+M Architecture) Chris O'Neill (QA+M Architecture)	Submitted Reviewed Pending Pending	09/25/2023 09/25/2023 09/25/2023 09/25/2023	09/25/2023 09/25/2023 10/05/2023 10/05/2023	09/25/2023 09/25/2023 10/05/2023 10/05/2023	
017823 - OPERATION AND MAINTENANCE DATA	017823-10	1	Acoustical Ceiling - O&M Manual	Product Manual	Open	Central Connecticut Acoustics	08/31/2023			Sophie St. Hilaire			Dinea Frasca (QA+M Architecture) Jason Levy (QA+M Architecture) Chris O'Neill (QA+M Architecture)	Submitted Reviewed Pending Pending	08/21/2023 09/22/2023 09/25/2023 09/25/2023	09/22/2023 09/25/2023 09/25/2023 09/25/2023	08/21/2023 08/21/2023 08/31/2023 08/31/2023	
017823 - OPERATION AND MAINTENANCE DATA	017823-9	1	Aluminum Windows & Metal Storefronts - O&M Manual	Product Manual	Open	Cherry Hill Glass Co., Inc.	08/25/2023			Barbra Pearce			Joe Castellano (Cherry Hill Glass Co., Inc.) Barbra Pearce (Cherry Hill Glass Co., Inc.) Darian D'Amato (D'Amato + Downes JV) Dinea Frasca (QA+M Architecture) Jason Levy (QA+M Architecture) Chris O'Neill	Pending Pending Pending Pending Pending	08/15/2023 08/15/2023		10/02/2023 10/02/2023 08/15/2023 08/25/2023 08/25/2023	

Spec Section	#	Rev.	Title	Type	Status	Responsible Contractor	Final Due Date	Submit By	Location	Received From	Received Date	Ball In Court	Approvers	Response	Sent Date	Returned Date	Due Date	Distributed Date
													(QA+M Architecture)					
017823 - OPERATION AND MAINTENANCE DATA	017823-6	1	Fire Protection - O&M Manual	Product Manual	Open	Synergy Fire Systems, LLC	06/01/2023			Bill Sparano		Bill Sparano (Synergy Fire Systems, LLC)	Bill Sparano (Synergy Fire Systems, LLC) Darian D'Amato (D'Amato + Downes JV) Tyler Long (Long Consulting) Dinea Frasca (QA+M Architecture) Jason Levy (QA+M Architecture) Chris O'Neill (QA+M Architecture)	Pending Pending Pending Pending Pending	05/17/2023		09/29/2023 05/17/2023 05/22/2023 06/01/2023 06/01/2023 06/01/2023	
017823 - OPERATION AND MAINTENANCE DATA	017823-5	1	Plumbing - O&M Manual	Product Manual	Open	Ferguson Mechanical Co., Inc	06/01/2023			Victoria Dogolo		Victoria Dogolo (Ferguson Mechanical Co., Inc) Thomas Ferguson (Ferguson Electric Company, Inc) Darian D'Amato (D'Amato + Downes JV) Tyler Long (Long Consulting) Dinea Frasca (QA+M Architecture) Jason Levy (QA+M Architecture) Chris O'Neill (QA+M Architecture)	Pending Pending Pending Pending Pending Pending	05/17/2023 05/17/2023 05/24/2023	06/08/2023	09/29/2023 09/29/2023 05/17/2023 05/22/2023 06/01/2023 06/01/2023 06/01/2023		
017823 - OPERATION AND MAINTENANCE DATA	017823-4	1	Wireless Clock - O&M Manual	Product Manual	Open	Ferguson Electric Company, Inc	06/01/2023			Debra Brown		Victoria Dogolo (Ferguson Mechanical Co., Inc) Joseph Jurado (Ferguson Electric Company, Inc) Joseph Jurado (Ferguson Electric Company, Inc) Darian D'Amato (D'Amato + Downes JV) Nick D'Agastino (D'Agostino Associates - AV/IT/	Pending Pending Pending Pending Pending Pending	05/17/2023		09/29/2023 09/29/2023 05/17/2023 05/22/2023 06/01/2023 06/01/2023 06/01/2023		

Spec Section	#	Rev.	Title	Type	Status	Responsible Contractor	Final Due Date	Submit By	Location	Received From	Received Date	Ball In Court	Approvers	Response	Sent Date	Returned Date	Due Date	Distributed Date
													Security Consultant) Dinea Frasca (QA+M Architecture) Jason Levy (QA+M Architecture) Chris O'Neill (QA+M Architecture)					
017823 - OPERATION AND MAINTENANCE DATA	017823-3	1	Safety & Security - O&M Manual	Product Manual	Open	Ferguson Electric Company, Inc	06/02/2023			Debra Brown		Victoria Dogolo (Ferguson Mechanical Co., Inc) Joseph Jurado (Ferguson Electric Company, Inc) Darian D'Amato (D'Amato + Downes JV) Tim Long (Long Consulting) Nick D'Agastino (D'Agostino Associates - AV/IT/Security Consultant) Joseph Jurado (Ferguson Electric Company, Inc) Jasmine Scinto (D'Agostino Associates - AV/IT/Security Consultant) Dinea Frasca (QA+M Architecture) Jason Levy (QA+M Architecture) Chris O'Neill (QA+M Architecture)	Pending Pending Pending Pending Pending Pending Pending Pending	05/17/2023		09/29/2023 09/29/2023 05/17/2023 05/22/2023 05/23/2023 05/23/2023 06/02/2023 06/02/2023 06/02/2023		
017823 - OPERATION AND MAINTENANCE DATA	017823-2	1	Mechanical - O&M Manual	Product Manual	Open	Ferguson Mechanical Co., Inc	06/01/2023			Victoria Dogolo		Victoria Dogolo (Ferguson Mechanical Co., Inc) Thomas Ferguson (Ferguson Electric Company, Inc) Darian D'Amato (Ferguson Electric Company, Inc) D'Amato + Downes JV) Tyler Long (Long	Pending Pending Pending Pending Pending Pending	05/17/2023 05/17/2023		09/29/2023 09/29/2023 05/17/2023 05/22/2023 06/01/2023 06/01/2023 06/01/2023		



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													Consulting) Dinea Frasca (QA+M Architecture) Jason Levy (QA+M Architecture) Chris O'Neill (QA+M Architecture)					
017823 - OPERATION AND MAINTENANCE DATA	017823-1	1	Electrical - O&M Manual		Open	Ferguson Electric Company, Inc	07/10/2023			Debra Brown		Darian D'Amato (D'Amato + Downes JV)	Victoria Dogolo (Ferguson Mechanical Co., Inc) Joseph Jurado (Ferguson Electric Company, Inc) Darian D'Amato (D'Amato + Downes JV) Tim Long (Long Consulting) Dinea Frasca (QA+M Architecture) Jason Levy (QA+M Architecture) Chris O'Neill (QA+M Architecture)	Submitted Pending Pending Pending Pending	10/06/2023 05/04/2023 10/06/2023	10/11/2023	09/29/2023 09/29/2023 06/19/2023 06/26/2023 07/10/2023 07/10/2023 07/10/2023	
017700 - CLOSEOUT PROCEDURES	017700-1	0	General Trades O&M, Warranties, As Builts	Product Manual	Open							Darian D'Amato (D'Amato + Downes JV)						

Current Specifications

Number	Description	Revision	Issued Date	Received Date	Set
00 - Information Available to Bidders					
000000	COVER	0	01/21/22	01/21/22	Issued for Bid
000001	SWING SPACE	0			None
000110	TABLE OF CONTENTS	4			Conformance Set
000115	LIST OF DRAWINGS	0	01/21/22	01/21/22	Issued for Bid
003119	EXISTING CONDITION NFORMATION	1			Conformance Set
003126	EXISTING HAZARDOUS MATERIALS INFORMATION	1			Conformance Set
003132	GEOTECHNICAL DATA	1			Conformance Set
033000.1	CAST-IN-PLACE SITE CONCRETE	0			None
100000	SPECIALTIES	0			None
110000	EQUIPMENT	0			None
01 - General Requirements					
010100	HAZARDOUS MATERIALS GENERAL CONDITIONS	1			Conformance Set
010160	HAZARDOUS MATERIALS SCHEDULING AND PHASING	1			Conformance Set
011000	SUMMARY	2			Conformance Set
012100	ALLOWANCES	0			Bid Spec
012200	UNIT PRICES	1			Conformance Set
012300	ALTERNATES	1			Conformance Set
012600	CONTRACT MODIFICATION PROCEDURES	2			Conformance Set
012900	PAYMENT PROCEDURES	2			Conformance Set
013100	PROJECT MANAGEMENT AND COORDINATION	2			Conformance Set
013200	CONSTRUCTION PROGRESS DOCUMENTATION	2			Conformance Set
013233	PHOTOGRAPHIC DOCUMENTATION	0			Bid Spec
013300	SUBMITTAL PROCEDURES	2			Conformance Set
014000	QUALITY REQUIREMENTS	2			Conformance Set
014150	SPECIAL INSPECTIONS	1			Conformance Set
014200	REFERENCES	2			Conformance Set
015000	TEMPORARY FACILITIES AND CONTROLS	2			Conformance Set
015639	TEMPORARY TREE AND PLANT PROTECTION	1			Conformance Set
015700	ENVIRONMENTAL PROTECTION	1			Conformance Set
016000	PRODUCT REQUIREMENTS	2			Conformance Set
017001	HAZARDOUS MATERIALS CONTRACT CLOSEOUT	1			Conformance Set
017124	AS-BUILT SURVEY	1			Conformance Set



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Number	Description	Revision	Issued Date	Received Date	Set
017300	EXECUTION	2			Conformance Set
017329	CUTTING AND PATCHING	2			Conformance Set
017419	CONSTRUCTION WASTE MANAGEMENT AND DISPOSAL	2			Conformance Set
017700	CLOSEOUT PROCEDURES	2			Conformance Set
017823	OPERATION AND MAINTENANCE DATA	2			Conformance Set
017839	PROJECT RECORD DOCUMENTS	2			Conformance Set
017900	DEMONSTRATION AND TRAINING	2			Conformance Set
018119	INDOOR AIR QUALITY REQUIREMENTS	2			Conformance Set
019113	GENERAL COMMISSIONING REQUIREMENTS	0			ASI-007 Cx Specification
02 - Existing Conditions					
020000	GENERAL SITEWORK	1			Conformance Set
020750	SELECTIVE DEMOLITION FOR HAZARDOUS MATERIALS ABATEMENT	1			Conformance Set
020800	ASBESTOS ABATEMENT	1			Conformance Set
020820	UNIVERSAL WASTE RECLAMATION	1			Conformance Set
020900	LEAD PAINT AWARENESS	1			Conformance Set
021100	REMEDIATION OF PCB-CONTAINING MATERIALS	1			Conformance Set
024113	UTILITY DEMOLITION AND ABANDONMENT	1			Conformance Set
024119	SELECTIVE DEMOLITION	2			Conformance Set
026113	EXCAVATION, HANDLING, TRANSPORTATION AND DISPOSAL OF	1			Conformance Set
026500	REMOVAL AND DISPOSAL OF UNDERGROUND STORAGE TANK	1			Conformance Set
03 - Concrete					
030130	CONCRETE REHABILITATION	1			Conformance Set
030510	CONCRETE MOISTURE VAPOR REDUCTION ADMIXTURE	1			Conformance Set
032519	CARBON FIBER REINFORCED POLYMER REINFORCING	0			Conformance Set
033000	CAST-IN-PLACE CONCRETE	2			Conformance Set
034500	PRECAST ARCHITECTURAL CONCRETE	1			Conformance Set
04 - Masonry					
040120	MAINTENANCE OF UNIT MASONRY	1			Conformance Set
042000	UNIT MASONRY	1			Conformance Set
042200	CONCRETE UNIT MASONRY	1			Conformance Set
047200	CAST STONE MASONRY	1			Conformance Set
05 - Metals					
051200	STRUCTURAL STEEL	1			Conformance Set
051213	ARCHITECTURALLY EXPOSED STRUCTURAL STEEL (AESS)	1			Conformance Set
053100	STEEL DECK	1			Conformance Set
054000	COLD FORMED STEEL FRAMING	1			Conformance Set
055000	METAL FABRICATIONS	1			Conformance Set



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Number	Description	Revision	Issued Date	Received Date	Set
055100	METAL STAIRS	1			Conformance Set
055213	PIPE AND TUBE RAILINGS	0			Conformance Set
057300	GUARDRAIL	1			Conformance Set
057313	GLAZED DECORATIVE METAL RAILINGS	1			Conformance Set
06 - Wood, Plastics, and Composites					
061053	MISCELLANEOUS ROUGH CARPENTRY	2			Conformance Set
061600	SHEATHING	1			Conformance Set
064023	INTERIOR ARCHITECTURAL WOODWORK	2			Conformance Set
07 - Thermal and Moisture Protection					
070150	MAINTENANCE OF MEMBRANE ROOFING	0			Conformance Set
070150.19	PREPARATION FOR RE-ROOFING	0	01/21/22	01/21/22	Issued for Bid
071113	BITUMINOUS DAMPPROOFING	1			Conformance Set
071326	SELF-ADHERING SHEET WATERPROOFING	1			Conformance Set
072100	THERMAL INSULATION	1			Conformance Set
072726	FLUID-APPLIED MEMBRANE AIR BARRIERS	1			Conformance Set
074213.16	METAL PLATE WALL PANELS	0	01/21/22	01/21/22	Issued for Bid
074213.19	INSULATED METAL WALL PANELS	0	01/21/22	01/21/22	Issued for Bid
075323	ETHYLENE-PROPYLENE-DIENE-MONOMER (EPDM) ROOFING	1			Conformance Set
076200	SHEET METAL FLASHING AND TRIM	1			Conformance Set
077100	ROOF SPECIALTIES	1			Conformance Set
078413	PENETRATION FIRESTOPPING	2			Conformance Set
078446	FIRE-RESISTIVE JOINT SYSTEMS	1			Conformance Set
079200	JOINT SEALANTS	2			Conformance Set
079500	EXPANSION CONTROL	1			Conformance Set
08 - Openings					
080671	DOOR HARDWARE SCHEDULE	1			Conformance Set
081113	HOLLOW METAL DOORS AND FRAMES	2			Conformance Set
081416	FLUSH WOOD DOORS	2			Conformance Set
083113	ACCESS DOORS AND FRAMES	1			Conformance Set
083313	COILING COUNTER DOORS	1			Conformance Set
083323	OVERHEAD COILING DOORS	1			Conformance Set
083459	VAULT DOORS	1			Conformance Set
084113	ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS	1			Conformance Set
084229	AUTOMATIC ENTRANCES	1			Conformance Set
084423	STRUCTURAL-SEALANT-GLAZED CURTAIN WALLS	1			Conformance Set
084433	FIRE RATED GLAZED CURTAIN WALLS	0			Conformance Set
087100	DOOR HARDWARE	2			Conformance Set



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Number	Description	Revision	Issued Date	Received Date	Set
087113	AUTOMATIC DOOR OPENERS	0			Conformance Set
088000	GLAZING	2			Conformance Set
088300	MIRRORS	1			Conformance Set
088400	PLASTIC GLAZING	1			Conformance Set
09 - Finishes					
090000	FINISH SCHEDULE	1			Conformance Set
092116	GYPSUM BOARD ASSEMBLIES	2			Conformance Set
093100	TILING	1			Conformance Set
095113	ACOUSTICAL PANEL CEILINGS	2			Conformance Set
095423	LINEAR METAL CEILINGS	1			Conformance Set
096513	RESILIENT BASE AND ACCESSORIES	2			Conformance Set
096519	RESILIENT TILE FLOORING	1			Conformance Set
096536	STATIC-CONTROL RESILIENT FLOORING	1			Conformance Set
096543	LINOLEUM FLOORING	1			Conformance Set
096566	RESILIENT ATHLETIC FLOORING	1			Conformance Set
096723	RESINOUS FLOORING	1			Conformance Set
096813	TILE CARPETING	1			Conformance Set
097200	WALL COVERINGS	1			Conformance Set
097756	INTERIOR SURFACING	1			Conformance Set
098436	SOUND-ABSORBING UNITS	1			Conformance Set
099100	PAINTING	2			Conformance Set
099666	WATER VAPOR EMISSION CONTROL SYSTEM	1			Conformance Set
10 - Specialties					
101100	VISUAL DISPLAY SURFACES	1			Conformance Set
101400	SIGNAGE	2			Conformance Set
101426	POST AND PANEL SIGNAGE	1			Conformance Set
102113.19	PLASTIC TOILET COMPARTMENTS	0	01/21/22	01/21/22	Issued for Bid
102213	WIRE MESH PARTITIONS	1			Conformance Set
102226	OPERABLE PARTITIONS	1			Conformance Set
102600	WALL PROTECTION	1			Conformance Set
102800	TOILET AND BATH ACCESSORIES	1			Conformance Set
104116	EMERGENCY KEY CABINETS	1			Conformance Set
104400	FIRE PROTECTION SPECIALTIES	1			Conformance Set
105126	PLASTIC LOCKERS	1			Conformance Set
105626	MOBILE STORAGE UNITS	1			Conformance Set
107516	GROUND SET FLAGPOLES	1			Conformance Set
11 - Equipment					



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Number	Description	Revision	Issued Date	Received Date	Set
113100	RESIDENTIAL APPLIANCES	1			Conformance Set
12 - Furnishings					
122413	ROLLER WINDOW SHADES	1			Conformance Set
123631	SIMULATED STONE COUNTERTOPS	1			Conformance Set
124813	ENTRANCE FLOOR MATS	1			Conformance Set
124816	ENTRANCE FLOOR GRILLES	1			Conformance Set
14 - Conveying Equipment					
142100	ELECTRIC TRACTION ELEVATORS	1			Conformance Set
21 - Fire Suppression					
210500	COMMON WORK RESULTS FOR FIRE SUPPRESSION	1			Conformance Set
210548	VIBRATION AND SEISMIC CONTROLS FOR FIRE-SUPPRESSION PIPING	1			Conformance Set
210553	IDENTIFICATION FOR FIRE-SUPPRESSION PIPING AND EQUIPMENT	1			Conformance Set
211100	FACILITY FIRE-SUPPRESSION WATER-SERVICE PIPING	1			Conformance Set
211200	FIRE SUPPRESSION STANDPIPES	1			Conformance Set
211313	WET-PIPE SPRINKLER SYSTEM	1			Conformance Set
212200	CLEAN-AGENT FIRE-EXTINGUISHING SYSTEMS	1			Conformance Set
22 - Plumbing					
220500	COMMON WORK RESULTS FOR PLUMBING	1			Conformance Set
220516	EXPANSION FITTINGS AND LOOPS FOR PLUMBING PIPING	1			Conformance Set
220517	SLEEVES AND SLEEVE SEALS FOR PLUMBING PIPING	1			Conformance Set
220519	METERS AND GAGES FOR PLUMBING PIPING	1			Conformance Set
220523	GENERAL-DUTY VALVES FOR PLUMBING PIPING	1			Conformance Set
220529	HANGERS AND SUPPORTS FOR PLUMBING PIPING AND EQUIPMENT	1			Conformance Set
220548	VIBRATION AND SEISMIC CONTROLS FOR PLUMBING PIPING AND EQUIPMENT	1			Conformance Set
220553	IDENTIFICATION FOR PLUMBING PIPING AND EQUIPMENT	1			Conformance Set
220719	PIPE INSULATION	1			Conformance Set
221113	FACILITY WATER DISTRIBUTION PIPING	1			Conformance Set
221116	DOMESTIC WATER PIPING	1			Conformance Set
221119	PLUMBING SPECIALTIES	1			Conformance Set
221123	DOMESTIC WATER PUMPS	1			Conformance Set
221316	SANITARY AND VENT PIPING	1			Conformance Set
221413	STORM DRAIN PIPING	1			Conformance Set
223300	ELECTRIC DOMESTIC WATER HEATERS	1			Conformance Set
224100	PLUMBING FIXTURES AND EQUIPMENT	0	01/21/22	01/21/22	Issued for Bid
23 - Heating, Ventilating, and Air Conditioning (HVAC)					
230500	BASIC MECHANICAL REQUIREMENTS	1			Conformance Set
230516	EXPANSION FITTINGS AND LOOPS FOR HVAC EQUIPMENT	1			Conformance Set



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Number	Description	Revision	Issued Date	Received Date	Set
230517	SLEEVES AND SLEEVE SEALS FOR HVAC PIPING	1			Conformance Set
230519	METERS AND GAGES FOR HVAC PIPING	1			Conformance Set
230523	GENERAL-DUTY VALVES FOR HVAC PIPING	1			Conformance Set
230529	HANGERS AND SUPPORTS FOR HVAC PIPING AND EQUIPMENT	1			Conformance Set
230548	VIBRATION AND SEISMIC CONTROLS FOR HVAC	1			Conformance Set
230553	IDENTIFICATION FOR HVAC PIPING AND EQUIPMENT	1			Conformance Set
230593	TESTING, ADJUSTING, AND BALANCING FOR HVAC	1			Conformance Set
230713	DUCT INSULATION	1			Conformance Set
230719	HVAC PIPING INSULATION	1			Conformance Set
230900	INSTRUMENTATION AND CONTROL FOR HVAC	1			Conformance Set
231123	FUEL GAS PIPING	1			Conformance Set
232113	HYDRONIC PIPING	1			Conformance Set
232116	HYDRONIC PIPING SPECIALTIES	1			Conformance Set
232123	HYDRONIC PUMPS	1			Conformance Set
232300	REFRIGERANT PIPING	1			Conformance Set
232500	HVAC WATER TREATMENT	1			Conformance Set
233113	METAL DUCTS	1			Conformance Set
233300	AIR DUCT ACCESSORIES	1			Conformance Set
233423	HVAC POWER VENTILATORS	1			Conformance Set
233600	AIR TERMINAL UNITS	1			Conformance Set
233713	DIFFUSERS, REGISTERS AND GRILLES	1			Conformance Set
235216	CONDENSING BOILERS	1			Conformance Set
237413	PACKAGED, OUTDOOR, ROOFTOP AIR-CONDITIONING UNITS	1			Conformance Set
238126	SPLIT SYSTEM HEAT PUMP UNITS	1			Conformance Set
238239	UNIT HEATERS	1			Conformance Set
26 - Electrical					
260500	COMMON WORK RESULTS FOR ELECTRICAL	1			Conformance Set
260519	LOW-VOLTAGE ELECTRICAL POWER CONDUCTORS AND CABLES	1			Conformance Set
260526	GROUNDING AND BONDING FOR ELECTRICAL SYSTEMS	1			Conformance Set
260529	HANGERS AND SUPPORTS FOR ELECTRICAL SYSTEMS	1			Conformance Set
260533	RACEWAY AND BOXES FOR ELECTRICAL SYSTEMS	1			Conformance Set
260536	CABLE TRAYS FOR COMMUNICATION SYSTEMS	0			Bid Spec
260544	SLEEVES AND SLEEVE SEALS FOR ELECTRICAL RACEWAYS AND CABLING	1			Conformance Set
260548	Vibration and Seismic Controls for Electrical Systems	0			Conformance Set
260553	IDENTIFICATION FOR ELECTRICAL SYSTEMS	1			Conformance Set
260923	LIGHTING CONTROL DEVICES	1			Conformance Set
262300	LOW VOLTAGE SWITCHGEAR	1			Conformance Set



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Number	Description	Revision	Issued Date	Received Date	Set
262413	SWITCHBOARDS	1			Conformance Set
262416	PANELBOARDS	1			Conformance Set
262713	ELECTRICITY METERING	1			Conformance Set
262726	WIRING DEVICES	1			Conformance Set
262813	FUSES	1			Conformance Set
262816	ENCLOSED SWITCHES AND CIRCUIT BREAKERS	1			Conformance Set
262923	VARIABLE FREQUENCY MOTOR CONTROLLERS	1			Conformance Set
263213	ENGINE GENERATORS	1			Conformance Set
263600	TRANSFER SWITCHES	1			Conformance Set
264113	LIGHTNING PROTECTION FOR STRUCTURES	1			Conformance Set
265000	EXTERIOR LIGHTING - SITE	0			Conformance Set
265100	INTERIOR LIGHTING	1			Conformance Set
265600	EXTERIOR LIGHTING	1			Conformance Set
27 - Communications					
270528	PATHWAYS FOR COMMUNICATION SYSTEMS	2			Conformance Set
270536	CABLE TRAYS FOR COMMUNICATION SYSTEMS	2			Conformance Set
270544	SLEEVES AND SLEEVE SEALS FOR COMMUNICATION PATHWAYS AND CABLING	2			Conformance Set
271100	COMMUNICATION EQUIPMENT ROOM FITTINGS	2			Conformance Set
271300	COMMUNICATION BACKBONE CABLING	1			Conformance Set
271500	COMMUNICATION HORIZONTAL CABLING	2			Conformance Set
275116	PUBLIC ADDRESS SYSTEM	1			Conformance Set
275313	WIRELESS CLOCK SYSTEM	1			Conformance Set
28 - Electronic Safety and Security					
280500	SECURITY CONDUCTOR CABLES	2			Conformance Set
280528	PATHWAYS FOR SECURITY SYSTEMS	1			Conformance Set
281300	ACCESS CONTROL SYSTEM	2			Conformance Set
281600	INTRUSION DETECTION	1			Conformance Set
282300	VIDEO SURVEILLANCE SYSTEM	1			Conformance Set
283111	DIGITAL, ADDRESSABLE FIRE-ALARM SYSTEM	1			Conformance Set
31 - Earthwork					
311000	SITE CLEARING	1			Conformance Set
312000	EARTH MOVING	2			Conformance Set
312333	TRENCHING AND BACKFILLING	1			Conformance Set
312500	EROSION AND SEDIMENTATION CONTROLS	1			Conformance Set
32 - Exterior Improvements					
321216	ASPHALT PAVING	1			Conformance Set
321313	CONCRETE PAVING	1			Conformance Set



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Number	Description	Revision	Issued Date	Received Date	Set
321316	CONCRETE COLORING	1			Conformance Set
321401	BRICK PAVING	1			Conformance Set
321402	GRANITE CURBING	1			Conformance Set
323115	VINYL FENCES AND GATES	1			Conformance Set
323300	SITE FURNISHINGS	1			Conformance Set
329200	TURF AND GRASSES	1			Conformance Set
329300	PLANTS	1			Conformance Set
33 - Utilities					
331900	WATER SUPPLY SYSTEM	1			Conformance Set
333100	SANITARY SEWERS	1			Conformance Set
334000	STORM DRAINAGE SYSTEM	1			Conformance Set
334423	TRENCH DRAIN	1			Conformance Set
335100	NATURAL GAS DISTRIBUTION	1			Conformance Set
338126	COMMUNICATIONS UNDERGROUND DUCTS, MANHOLES AND HANDHOLES	1			Conformance Set
34 - Transportation					
347123	MAINTENANCE AND PROTECTION OF TRAFFIC	1			Conformance Set



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Current Drawings

Drawing No.	Drawing Title	Revision	Drawing Date	Received Date	Set
General					
COVER	COVER SHEET	1	04/18/2022		Conformance Set (04/18/22)
G1.0	GENERAL INFORMATION	2	04/18/2022		Conformance Set (04/18/22)
G1.1	GENERAL INFORMATION	1	04/18/2022		Conformance Set (04/18/22)
G1.2	WALL TYPES	5	01/25/2023	01/25/2023	RFI #320 - Record Vault Fire Separation (01/25/23)
R1.0	CODE INFORMATION & GROUND LEVEL CODE PLAN	3	01/25/2023	01/25/2023	RFI #214 & #315 - Insulation In Existing Furred-Out Walls (01/25/23)
R1.1	FIRST FLOOR CODE PLAN	3	06/06/2022		ASI #001 - Smoke Walls (RFI #64) (06/06/22)
R1.2	SECOND FLOOR CODE PLAN	2	06/06/2022		ASI #001 - Smoke Walls (RFI #64) (06/06/22)
R1.3	THIRD FLOOR CODE PLAN	2	06/06/2022		ASI #001 - Smoke Walls (RFI #64) (06/06/22)
SLP-1	OVERALL SITE LOGISTICS PLAN	1	04/18/2022		Conformance Set (04/18/22)
SLP-2	ENLARGED SITE LOGISTICS PLAN	1	04/18/2022		Conformance Set (04/18/22)
Civil					
C1.00	UTILITY DEMOLITION PLAN	3	05/27/2022	05/27/2022	PR #003 - New Fire and Domestic Water Lines (05/27/22)
C2.00	SEDIMENTATION AND EROSION CONTROL PLAN	2	04/18/2022		Conformance Set (04/18/22)
C2.10	SEDIMENTATION AND EROSION CONTROL NOTES	2	04/18/2022		Conformance Set (04/18/22)
C2.20	SEDIMENTATION AND EROSION CONTROL DETAILS	2	04/18/2022		Conformance Set (04/18/22)
C3.00	SITE DRAINAGE PLAN	3	07/06/2022	07/19/2022	PR #017 - Storm Drainage Updates (07/06/22)
C4.00	SITE UTILITY PLAN	10	12/12/2022	12/13/2022	PR #025R - Garage Renovation (12/12/22)
C5.00	SITE DETAILS	2	04/18/2022		Conformance Set (04/18/22)
C5.10	SITE DETAILS	2	04/18/2022		Conformance Set (04/18/22)
C5.20	SITE DETAILS	2	04/18/2022		Conformance Set (04/18/22)
C5.30	SITE DETAILS	2	04/18/2022		Conformance Set (04/18/22)
SV.01	BOUNDARY - TOPOGRAPHIC SURVEY	1	04/18/2022		Conformance Set (04/18/22)
SV.02	BOUNDARY - RIGHT OF WAY SURVEY	1	04/18/2022		Conformance Set (04/18/22)
TR-1000_00	TRAFFIC CONTROL SIGNAL PLAN	0	04/18/2022		Conformance Set (04/18/22)
TR-1000-00	TRAFFIC CONTROL SIGNAL PLAN	0	02/14/2022	02/14/2022	Issued for Bid (02/14/22)
TR-1000_01	GENERAL CLAUSES (TEST PROCEDURES)	1	04/18/2022		Conformance Set (04/18/22)
TR-1102_01	PEDESTALS, PEDESTRIAN SIGNALS	1	04/18/2022		Conformance Set (04/18/22)



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TR-1105_01	TRAFFIC SIGNALS & CABLE ASSIGNMENTS	1	04/18/2022		Conformance Set (04/18/22)
TR-1107_01	PEDESTRIAN PUSH BUTTONS	1	04/18/2022		Conformance Set (04/18/22)
TR-1210_04	PAVEMENT MARKING LINES AND SYMBOLS	1	04/18/2022		Conformance Set (04/18/22)
TR-1220_01	SIGNS FOR CONSTRUCTION AND PERMIT OPERATIONS	1	04/18/2022		Conformance Set (04/18/22)
TR-1220_02	CONSTRUCTION SIGN SUPPORTS AND CHANNELIZING DEVICES	1	04/18/2022		Conformance Set (04/18/22)
TR-GS_01	SIGN FACE SHEET ALUMINUM R-SERIES TYPICAL SIGN DETAILS	1	04/18/2022		Conformance Set (04/18/22)
TR-GS_02	TRENCHING & BACKFILLING, ELECTRICAL CONDUIT	1	04/18/2022		Conformance Set (04/18/22)
TR-GS_03	TRAFFIC CONTROL FOUNDATIONS	1	04/18/2022		Conformance Set (04/18/22)
Landscape					
L1.00	DEMOLITION PLAN	2	04/18/2022		Conformance Set (04/18/22)
L2.00	LAYOUT PLAN	6	08/14/2023	08/14/2023	ASI #013 - Parking Layout (08/14/23)
L3.00	GRADING PLAN	6	05/22/2023	05/22/2023	PR #51R1 - Site Coordination (05/22/23)
L4.00	LANDSCAPE PLAN	2	05/22/2023	05/22/2023	PR #51R1 - Site Coordination (05/22/23)
L5.00	DETAILS	2	04/18/2022		Conformance Set (04/18/22)
L5.01	DETAILS	1	04/18/2022		Conformance Set (04/18/22)
L5.02	DETAILS	2	04/18/2022		Conformance Set (04/18/22)
L5.03	DETAILS	2	04/18/2022		Conformance Set (04/18/22)
L5.04	DETAILS	2			PR #036 - Site Electrical and Lighting (12/07/22)
L5.05	DETAILS	2			PR #036 - Site Electrical and Lighting (12/07/22)
L5.06	DETAILS	2	04/18/2022		Conformance Set (04/18/22)
L5.07	DETAILS	2	04/18/2022		Conformance Set (04/18/22)
L6.00	LIGHTING PLAN	1	04/18/2022		Conformance Set (04/18/22)
Structural					
S0.1	GENERAL NOTES & SCHEDULES	1	04/18/2022		Conformance Set (04/18/22)
S0.2	CONCRETE GENERAL NOTES & SCHEDULES	2	06/13/2022	06/13/2022	PR #012 - Added Structural Requirements (06/13/22)
S0.3	CONCRETE MASONRY GENERAL NOTES & SCHEDULES	1	04/18/2022		Conformance Set (04/18/22)
S0.4	STEEL GENERAL NOTES & SCHEDULES	1	04/18/2022		Conformance Set (04/18/22)
S0.5	LOAD DIAGRAMS	1	04/18/2022		Conformance Set (04/18/22)
S1.0	FOUNDATION PLAN	3	06/13/2022	06/13/2022	PR #012 - Added Structural Requirements (06/13/22)
S1.0D	FOUNDATION DIMENSION PLAN	1	07/20/2022		ASI #002R1 - Foundation Dimensions (07/20/22)
S1.01	ATRIUM FLOOR FRAMING PLAN	2	06/13/2022	06/13/2022	PR #004 - Elevator Shaft Size Change (06/13/22)
S1.1	FIRST FLOOR FRAMING PLAN	3	06/13/2022	06/13/2022	PR #012 - Added Structural Requirements (06/13/22)



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S1.2	SECOND FLOOR FRAMING PLAN	3	06/13/2022	06/13/2022	PR #012 - Added Structural Requirements (06/13/22)
S1.3	THIRD FLOOR FRAMING PLAN	3	06/13/2022	06/13/2022	PR #012 - Added Structural Requirements (06/13/22)
S1.4	PENTHOUSE FRAMING PLAN	3	06/13/2022	06/13/2022	PR #012 - Added Structural Requirements (06/13/22)
S1.5	PENTHOUSE ROOF FRAMING PLAN	2	06/13/2022	06/13/2022	PR #012 - Added Structural Requirements (06/13/22)
S2.1	FOUNDATION DETAILS	1	04/18/2022		Conformance Set (04/18/22)
S2.2	FOUNDATION DETAILS	1	04/18/2022		Conformance Set (04/18/22)
S2.3	FOUNDATION DETAILS	1	04/18/2022		Conformance Set (04/18/22)
S2.4	SLAB – ON – GROUND & FOUNDATION DETAILS	1	04/18/2022		Conformance Set (04/18/22)
S3.1	CONCRETE FRAMING DETAILS	1	04/18/2022		Conformance Set (04/18/22)
S3.2	CONCRETE FRAMING DETAILS	1	04/18/2022		Conformance Set (04/18/22)
S4.1	STEEL FRAMING DETAILS	1	04/18/2022		Conformance Set (04/18/22)
S4.2	STEEL FRAMING DETAILS	1	04/18/2022		Conformance Set (04/18/22)
S4.3	COMPOSITE STEEL FRAMING DETAILS	1	04/18/2022		Conformance Set (04/18/22)
S4.4	COMPOSITE STEEL FRAMING DETAILS	1	04/18/2022		Conformance Set (04/18/22)
S5.1	STEEL ROOF FRAMING DETAILS	1	04/18/2022		Conformance Set (04/18/22)
S5.2	STEEL ROOF FRAMING DETAILS	1	04/18/2022		Conformance Set (04/18/22)
S6.1	MOMENT FRAME & FRAMING ELEVATIONS	1	04/18/2022		Conformance Set (04/18/22)
S7.1	STEEL FINISH PLANS	1	04/18/2022		Conformance Set (04/18/22)
S7.2	EXISTING STRUCTURE REINFORCEMENT	1	04/18/2022		Conformance Set (04/18/22)
Abatement					
HM-1	BASEMENT ABATEMENT PLAN	1	04/18/2022		Conformance Set (04/18/22)
HM-2	FIRST FLOOR ABATEMENT PLAN	1	04/18/2022		Conformance Set (04/18/22)
HM-3	SECOND FLOOR ABATEMENT PLAN	1	04/18/2022		Conformance Set (04/18/22)
HM-4	THIRD FLOOR ABATEMENT PLAN	1	04/18/2022		Conformance Set (04/18/22)
HM-5	PENTHOUSE AND ROOF ABATEMENT PLAN	1	04/18/2022		Conformance Set (04/18/22)
HM-6	EAST AND WEST ABATEMENT ELEVATIONS	1	04/18/2022		Conformance Set (04/18/22)
HM-7	NORTH AND SOUTH ABATEMENT ELEVATIONS	1	04/18/2022		Conformance Set (04/18/22)
Demo					
D1.00	DEMOLITION BASEMENT PLAN	2	04/18/2022		Conformance Set (04/18/22)
D1.10	DEMOLITION FIRST FLOOR PLAN	2	04/18/2022		Conformance Set (04/18/22)
D1.20	DEMOLITION SECOND FLOOR PLAN	1	04/18/2022		Conformance Set (04/18/22)
D1.30	DEMOLITION THIRD FLOOR PLAN	1	04/18/2022		Conformance Set (04/18/22)
D1.40	DEMOLITION PENTHOUSE & ROOF PLAN	1	04/18/2022		Conformance Set (04/18/22)
Architectural					
A1.00	GROUND FLOOR PLAN	10	01/25/2023	01/25/2023	RFI #214 & #315 - Insulation In



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					Existing Furred-Out Walls (01/25/23)
A1.01	GROUND FLOOR – AREA A ENLARGED	7	01/25/2023	01/25/2023	RFI #214 & #315 - Insulation In Existing Furred-Out Walls (01/25/23)
A1.02	GROUND FLOOR – AREA B ENLARGED	5	01/25/2023	01/25/2023	RFI #214 & #315 - Insulation In Existing Furred-Out Walls (01/25/23)
A1.03	GROUND FLOOR – AREA C ENLARGED PLAN	7	01/25/2023	01/25/2023	RFI #214 & #315 - Insulation In Existing Furred-Out Walls (01/25/23)
A1.04	GROUND FLOOR – AREA D ENLARGED PLAN	3	01/25/2023	01/25/2023	RFI #214 & #315 - Insulation In Existing Furred-Out Walls (01/25/23)
A1.10	FIRST FLOOR PLAN	6	05/11/2023	05/15/2023	PR #41R - Tax Assessor & Clerk Changes (05/11/23)
A1.11	L1 – AREA A ENLARGED PLAN	5	09/19/2022	09/19/2022	PR #019R1 - Door Schedule Updates (09/19/22)
A1.12	L1 – AREA B ENLARGED PLAN	6	05/11/2023	05/15/2023	PR #41R - Tax Assessor & Clerk Changes (05/11/23)
A1.13	L1 – AREA C ENLARGED PLAN	4	05/11/2023	05/15/2023	PR #41R - Tax Assessor & Clerk Changes (05/11/23)
A1.14	L1 – AREA D ENLARGED PLAN	3	12/13/2022	12/13/2022	PR #037 - City Changes (12/13/22)
A1.20	SECOND FLOOR PLAN	6	12/13/2022	12/13/2022	PR #037 - City Changes (12/13/22)
A1.21	L2 – AREA A ENLARGED PLAN	8	12/13/2022	12/13/2022	PR #037 - City Changes (12/13/22)
A1.22	L2 – AREA B ENLARGED PLAN	3	10/20/2022	10/19/2022	PR #031 - Coordination Revisions #2 (10/20/22)
A1.23	L2 – AREA C ENLARGED PLAN	4	10/20/2022	10/19/2022	PR #031 - Coordination Revisions #2 (10/20/22)
A1.24	L2 – AREA D ENLARGED PLAN	4	10/19/2022	10/19/2022	PR #029 - City Requested Changes (10/19/22)
A1.30	THIRD FLOOR PLAN	9	05/11/2023	05/15/2023	PR #59R - Mayors Reception Millwork (05/11/23)
A1.31	L3 – AREA A ENLARGED PLAN	7	05/11/2023	05/15/2023	PR #59R - Mayors Reception Millwork (05/11/23)
A1.32	L3 – AREA B ENLARGED PLAN	2	08/18/2022		PR #024 - Coordination (08/18/22)
A1.33	L3 – AREA C ENLARGED PLAN	4	08/18/2022		PR #024 - Coordination (08/18/22)
A1.34	L3 – AREA D ENLARGED PLAN	7	01/19/2023	01/19/2023	PR #007R - 3rd Floor Staff Lounge (01/19/23)
A1.40	PENTHOUSE PLAN	1	04/18/2022		Conformance Set (04/18/22)
A1.50	ROOF PLAN	6	01/16/2023	01/17/2023	PR #030R1 - Envelope Coordination (01/16/23)
A1.51	ROOF DETAILS	7	03/08/2023	03/08/2023	PR #045 - Brick Detailing (03/08/23)
A1.52	MISC. ROOF DETAILS	4	01/16/2023	01/17/2023	PR #030R1 - Envelope Coordination (01/16/23)
A2.00	GROUND LEVEL – RCP	8	02/07/2023	02/07/2023	PR #044 - Updated Ceilings (02/07/23)
A2.10	LEVEL 1 RCP	6	02/07/2023	02/07/2023	PR #044 - Updated Ceilings (02/07/23)



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					23)
A2.20	LEVEL 2 RCP	7	02/07/2023	02/07/2023	PR #044 - Updated Ceilings (02/07/23)
A2.30	LEVEL 3 RCP	8	02/07/2023	02/07/2023	PR #044 - Updated Ceilings (02/07/23)
A2.40	CEILING DETAILS	4	06/20/2023	06/20/2023	ASI #012 - Roller Shade Pocket (06/20/23)
A2.41	CEILING DETAILS	6	06/19/2023	06/19/2023	RFI #391 - Atrium Soffit Millwork (06/19/23)
A3.01	EXTERIOR ELEVATIONS	3	10/26/2022		RFI #260 - Tax Office Brick Façade (10/26/22)
A3.02	EXTERIOR ELEVATIONS	4	03/30/2023	03/30/2023	PR #053 - Exterior Sign Lighting (03/30/23)
A3.03	EXTERIOR DETAILS	2	04/18/2022		Conformance Set (04/18/22)
A4.00	BUILDING SECTIONS	1	04/18/2022		Conformance Set (04/18/22)
A5.01	WALL SECTIONS	4	10/26/2022		RFI #260 - Tax Office Brick Façade (10/26/22)
A5.02	WALL SECTIONS	4	01/16/2023	01/17/2023	PR #030R1 - Envelope Coordination (01/16/23)
A5.03	WALL SECTION DETAILS	2	03/08/2023	03/08/2023	PR #045 - Brick Detailing (03/08/23)
A5.20	ENLARGED COLUMN DETAILS	2	10/26/2022		RFI #260 - Tax Office Brick Façade (10/26/22)
A5.21	ENLARGED COLUMN DETAILS	2	04/18/2022		Conformance Set (04/18/22)
A6.31	MISC. DETAILS (CANOPY)	4	01/16/2023	01/17/2023	PR #030R1 - Envelope Coordination (01/16/23)
A6.32	ENLARGED SKY BRIDGE PLANS & DETAILS	2	10/18/2022		RFI #122 - Skybridge Hand Railings (10/18/22)
A6.33	MAINTENENCE GARAGE ADD ALTERNATE #2	3	12/12/2022	12/13/2022	PR #025R - Garage Renovation (12/12/22)
A6.40	ENLARGED BATHROOM PLANS & ELEVATIONS	2	07/07/2023	07/07/2023	RFI #400 - Toilet Accessories Installation (07/07/23)
A6.41	ENLARGED BATHROOM PLANS & ELEVATIONS	3	07/07/2023	07/07/2023	RFI #400 - Toilet Accessories Installation (07/07/23)
A6.42	ENLARGED BATHROOM PLANS & ELEVATIONS	2	07/07/2023	07/07/2023	RFI #400 - Toilet Accessories Installation (07/07/23)
A6.43	ENLARGED BATHROOM PLANS & ELEVATIONS	3	07/07/2023	07/07/2023	RFI #400 - Toilet Accessories Installation (07/07/23)
A6.44	ENLARGED BATHROOM PLANS & ELEVATIONS	3	07/07/2023	07/07/2023	RFI #400 - Toilet Accessories Installation (07/07/23)
A7.00	G– INTERIOR ELEVATIONS	1	04/18/2022		Conformance Set (04/18/22)
A7.01	G– INTERIOR ELEVATIONS	3	07/15/2022		PR #013R2 - Parks & Rec Department Removal (07/15/22)
A7.02	G– INTERIOR ELEVATIONS	1	04/18/2022		Conformance Set (04/18/22)



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A7.10	L1 – INTERIOR ELEVATIONS	7	07/26/2023	07/26/2023	RFI #406R - Elevator P-Lam Panel Layout (07/26/23)
A7.11	L1 – INTERIOR ELEVATIONS	2	04/18/2022		Conformance Set (04/18/22)
A7.12	L1 – INTERIOR ELEVATIONS	3	11/17/2022	11/17/2022	RFI #244 - In-Wall Blocking Plan (11/17/22)
A7.13	L1 – INTERIOR ELEVATIONS	4	10/20/2022	10/19/2022	PR #031 - Coordination Revisions #2 (10/20/22)
A7.14	L1 – INTERIOR ELEVATIONS	2	04/18/2022		Conformance Set (04/18/22)
A7.15	L1 – INTERIOR ELEVATIONS	2	09/07/2022	09/07/2022	RFI #036 - Council Chambers Millwork (09/07/22)
A7.20	L2 – INTERIOR ELEVATIONS	1	04/18/2022		Conformance Set (04/18/22)
A7.21	L2 – INTERIOR ELEVATIONS	4	10/19/2022	10/19/2022	PR #029 - City Requested Changes (10/19/22)
A7.22	L2 – INTERIOR ELEVATIONS	2	04/18/2022		Conformance Set (04/18/22)
A7.30	L3 – INTERIOR ELEVATIONS	1	04/18/2022		Conformance Set (04/18/22)
A7.31	L3 – INTERIOR ELEVATIONS	3	08/18/2022	08/23/2022	PR #022R1 - Misc. Owner Changes (08/18/22)
A8.10	STAIR SECTIONS	3	07/26/2023	07/26/2023	RFI #406R - Elevator P-Lam Panel Layout (07/26/23)
A8.11	STAIR SECTIONS	1	04/18/2022		Conformance Set (04/18/22)
A8.12	LARGE SCALE DETAILS	2	02/17/2023	02/17/2023	PR #039 - Atrium Soffits (02/17/23)
A8.13	LARGE SCALE DETAILS	2	04/18/2022		Conformance Set (04/18/22)
A8.14	LARGE SCALE DETAILS	2	04/18/2022		Conformance Set (04/18/22)
A8.15	LARGE SCALE DETAILS	1	04/18/2022		Conformance Set (04/18/22)
A8.20	ELEVATOR AND STAIR SECTIONS	2	06/13/2022	06/13/2022	PR #004 - Elevator Shaft Size Change (06/13/22)
A9.00	DOOR SCHEDULE	4	09/19/2022	09/19/2022	PR #019R1 - Door Schedule Updates (09/19/22)
A9.01	DOOR SCHEDULE	5	10/19/2022	10/19/2022	PR #029 - City Requested Changes (10/19/22)
A9.02	DOOR SCHEDULE	4	09/19/2022	09/19/2022	PR #019R1 - Door Schedule Updates (09/19/22)
A9.03	DOOR TYPES & DETAILS	2	04/18/2022		Conformance Set (04/18/22)
A9.10	CURTAIN WALL ELEVATIONS	6	01/16/2023	01/17/2023	PR #030R1 - Envelope Coordination (01/16/23)
A9.11	CURTAIN WALL ELEVATIONS	5	01/16/2023	01/17/2023	PR #030R1 - Envelope Coordination (01/16/23)
A9.12	CURTAIN WALL DETAILS	2	04/18/2022		Conformance Set (04/18/22)
A9.13	STOREFRONT ELEVATIONS	3	07/15/2022		RFI #142 - Fired Rated Frame Dimensions & Angles (07/15/22)
A9.14	STOREFRONT DETAILS	2	04/18/2022		Conformance Set (04/18/22)
A9.40	CURTAIN WALL & DOOR DETAILS	7	01/16/2023	01/17/2023	PR #030R1 - Envelope Coordination

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					(01/16/23)
A9.80	DOOR DETAILS	2	04/18/2022		Conformance Set (04/18/22)
A10.00	GROUND FLOOR FINISH PLAN	5	08/23/2022	08/23/2022	PR #023 - Updated Electrical Room (08/23/22)
A10.10	FIRST FLOOR FINISH PLAN	3	02/28/2023	02/28/2023	PR #47 - Flooring at Vault Doors & HD Storage (02/28/23)
A10.20	SECOND FLOOR FINISH PLAN	3	02/28/2023	02/28/2023	PR #47 - Flooring at Vault Doors & HD Storage (02/28/23)
A10.30	THIRD FLOOR FINISH PLAN	2	02/28/2023	02/28/2023	PR #47 - Flooring at Vault Doors & HD Storage (02/28/23)
A11.00	G – MILLWORK ELEVATIONS	3	07/15/2022		PR #013R2 - Parks & Rec Department Removal (07/15/22)
A11.01	G – MILLWORK ELEVATIONS	1	04/18/2022		Conformance Set (04/18/22)
A11.10	L – MILLWORK ELEVATIONS	1	04/18/2022		Conformance Set (04/18/22)
A11.11	L – MILLWORK ELEVATIONS	1	04/18/2022		Conformance Set (04/18/22)
A11.12	L – MILLWORK ELEVATIONS	2	04/18/2022		Conformance Set (04/18/22)
A11.20	L2 – MILLWORK ELEVATIONS	4	10/19/2022	10/19/2022	PR #029 - City Requested Changes (10/19/22)
A11.21	L2 – MILLWORK ELEVATIONS	1	04/18/2022		Conformance Set (04/18/22)
A11.22	L2 – MILLWORK ELEVATIONS	6	05/30/2023	05/30/2023	PR #62 - Revised Fire Marshall Millwork (05/30/23)
A11.30	L3 – MILLWORK ELEVATIONS	6	05/11/2023	05/15/2023	PR #59R - Mayors Reception Millwork (05/11/23)
A11.31	L3 – MILLWORK ELEVATIONS	1	05/24/2023	05/24/2023	PR #61 - Additional Corp Council Shelving (05/24/23)
A11.40	MILLWORK DETAILS	3	11/16/2022	11/16/2022	RFI #280 - Department Transaction Windows/Canopies (11/16/22)
A11.41	MILLWORK DETAILS	2	04/18/2022		Conformance Set (04/18/22)
A11.42	MILLWORK DETAILS	5	04/27/2023	04/28/2023	RFI #131 - H.C.T. 312B - Wall mounted Sink Clarification (04/27/23)
A11.43	COUNCIL CHAMBERS DETAILS	2	09/07/2022	09/07/2022	RFI #036 - Council Chambers Millwork (09/07/22)
A12.00	SIGNAGE SKETCHES	2	04/18/2022		Conformance Set (04/18/22)
A12.01	SIGNAGE SKETCHES	2	07/24/2023	07/24/2023	RFI #409 - Building AED's (07/24/23)
A12.02	SIGNAGE SCHEDULE	1	04/18/2022		Conformance Set (04/18/22)
A12.03	GROUND FLOOR SIGNAGE PLAN	4	01/31/2023	01/31/2023	PR #043 - Signage (01/31/23)
A12.04	FIRST FLOOR SIGNAGE PLAN	2	01/31/2023	01/31/2023	PR #043 - Signage (01/31/23)
A12.05	SECOND FLOOR SIGNAGE PLAN	2	01/31/2023	01/31/2023	PR #043 - Signage (01/31/23)
A12.06	THIRD FLOOR SIGNAGE PLAN	2	01/31/2023	01/31/2023	PR #043 - Signage (01/31/23)
Furniture					
FFE1.00	GROUND FLOOR FURNITURE PLAN	6	11/17/2022	11/17/2022	RFI #244 - In-Wall Blocking Plan (11/



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					17/22)
FFE1.01	G – FURNITURE PLANS	0	01/31/2023	02/01/2023	ASI #010 - FF&E Plans (01/31/23)
FFE1.02	G – FURNITURE PLANS	0	01/31/2023	02/01/2023	ASI #010 - FF&E Plans (01/31/23)
FFE1.03	G – FURNITURE PLANS	0	01/31/2023	02/01/2023	ASI #010 - FF&E Plans (01/31/23)
FFE1.10	FIRST FLOOR FURNITURE PLAN	7	05/11/2023	05/15/2023	PR #41R - Tax Assessor & Clerk Changes (05/11/23)
FFE1.11	L1 – FURNITURE PLANS	2	05/11/2023	05/15/2023	PR #41R - Tax Assessor & Clerk Changes (05/11/23)
FFE1.12	L1 – FURNITURE PLANS	2	05/11/2023	05/15/2023	PR #41R - Tax Assessor & Clerk Changes (05/11/23)
FFE1.20	SECOND FLOOR FURNITURE PLAN	5	11/17/2022	11/17/2022	RFI #244 - In-Wall Blocking Plan (11/17/22)
FFE1.21	L2 – FURNITURE PLANS	0	01/31/2023	02/01/2023	ASI #010 - FF&E Plans (01/31/23)
FFE1.22	L2 – FURNITURE PLANS	0	01/31/2023	02/01/2023	ASI #010 - FF&E Plans (01/31/23)
FFE1.23	L2 – FURNITURE PLANS	0	01/31/2023	02/01/2023	ASI #010 - FF&E Plans (01/31/23)
FFE1.30	THIRD FLOOR FURNITURE PLAN	5	05/11/2023	05/15/2023	PR #59R - Mayors Reception Millwork (05/11/23)
FFE1.31	L3 – FURNITURE PLANS	1	05/11/2023	05/15/2023	PR #59R - Mayors Reception Millwork (05/11/23)
FFE1.32	L3 – FURNITURE PLANS	0	01/31/2023	02/01/2023	ASI #010 - FF&E Plans (01/31/23)
Fire Protection					
FP0.1	FIRE PROTECTION NOTES & LEGEND	1	04/18/2022		Conformance Set (04/18/22)
FP1.1	FIRE PROTECTION GROUND FLOOR DEMOLITION PLAN	1	04/18/2022		Conformance Set (04/18/22)
FP1.2	FIRE PROTECTION FIRST FLOOR DEMOLITION PLAN	1	04/18/2022		Conformance Set (04/18/22)
FP1.3	FIRE PROTECTION SECOND FLOOR DEMOLITION PLAN	1	04/18/2022		Conformance Set (04/18/22)
FP1.4	FIRE PROTECTION THIRD FLOOR DEMOLITION PLAN	1	04/18/2022		Conformance Set (04/18/22)
FP1.5	FIRE PROTECTION ROOF DEMOLITION PLAN	1	04/18/2022		Conformance Set (04/18/22)
FP2.1	FIRE PROTECTION GROUND FLOOR PLAN	6	08/23/2022	08/23/2022	PR #023 - Updated Electrical Room (08/23/22)
FP2.2	FIRE PROTECTION FIRST FLOOR PLAN	4	05/11/2023	05/15/2023	PR #41R - Tax Assessor & Clerk Changes (05/11/23)
FP2.3	FIRE PROTECTION SECOND FLOOR PLAN	2	07/28/2022	07/28/2022	ASI #003 - Room Numbering (07/28/22)
FP2.4	FIRE PROTECTION THIRD FLOOR PLAN	2	07/28/2022	07/28/2022	ASI #003 - Room Numbering (07/28/22)
FP2.5	FIRE PROTECTION ROOF PLAN	1	04/18/2022		Conformance Set (04/18/22)
FP3.1	FIRE PROTECTION RISER DIAGRAM	1	04/18/2022		Conformance Set (04/18/22)
FP4.1	FIRE PROTECTION DETAILS	1	04/18/2022		Conformance Set (04/18/22)
Plumbing					
P0.1	PLUMBING NOTES & LEGEND	1	04/18/2022		Conformance Set (04/18/22)
P1.1	PLUMBING GROUND FLOOR DEMOLITION PLAN	1	04/18/2022		Conformance Set (04/18/22)



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P1.2	PLUMBING FIRST FLOOR DEMOLITION PLAN	1	04/18/2022		Conformance Set (04/18/22)
P1.3	PLUMBING SECOND FLOOR DEMOLITION PLAN	1	04/18/2022		Conformance Set (04/18/22)
P1.4	PLUMBING THIRD FLOOR DEMOLITION PLAN	1	04/18/2022		Conformance Set (04/18/22)
P1.5	PLUMBING ROOF DEMOLITION PLAN	1	04/18/2022		Conformance Set (04/18/22)
P2.0	OVERALL UNDERSLAB PLUMBING PLAN	7	11/15/2022	11/15/2022	RFI #190R - Sump Pumps for Ground Water (11/15/22)
P2.1	OVERALL GROUND FLOOR PLUMBING PLAN	9	08/23/2022	08/23/2022	PR #023 - Updated Electrical Room (08/23/22)
P2.2	GROUND FLOOR PLUMBING PLAN (1 OF 2)	5	08/17/2022	08/19/2022	RFI #092 - Updated Storm Line Routing (08/17/22)
P2.3	GROUND FLOOR PLUMBING PLAN (2 OF 2)	8	11/15/2022	11/15/2022	RFI #190R - Sump Pumps for Ground Water (11/15/22)
P2.4	OVERALL FIRST FLOOR PLUMBING PLAN	4	07/28/2022	07/28/2022	ASI #003 - Room Numbering (07/28/22)
P2.5	FIRST FLOOR PLUMBING PLAN (1 OF 2)	4	06/22/2023	06/22/2023	RFI #398 - Water Piping for AHU-1 Humidifier (06/22/23)
P2.6	FIRST FLOOR PLUMBING PLAN (2 OF 2)	5	07/28/2022	07/28/2022	ASI #003 - Room Numbering (07/28/22)
P2.7	OVERALL PLUMBING SECOND FLOOR PLAN	4	07/28/2022	07/28/2022	ASI #003 - Room Numbering (07/28/22)
P2.8	SECOND FLOOR PLUMBING PLAN (1 OF 2)	5	10/10/2022	10/11/2022	RFI #231 - Council Chambers Roof Hose Bib (10/10/22)
P2.9	SECOND FLOOR PLUMBING PLAN (2 OF 2)	5	07/28/2022	07/28/2022	ASI #003 - Room Numbering (07/28/22)
P2.10	OVERALL THIRD FLOOR PLUMBING PLAN	4	07/28/2022	07/28/2022	ASI #003 - Room Numbering (07/28/22)
P2.11	THIRD FLOOR PLUMBING PLAN (1 OF 2)	5	10/10/2022	10/11/2022	RFI #231 - Council Chambers Roof Hose Bib (10/10/22)
P2.12	THIRD FLOOR PLUMBING PLAN (2 OF 2)	6	10/11/2022		RFI #191 - Penthouse Existing Center Floor Drain (10/11/22)
P2.13	ROOF PLUMBING PLAN	4	08/17/2022	08/19/2022	RFI #092 - Updated Storm Line Routing (08/17/22)
P2.14	ROOF PLUMBING PART PLAN	3	07/28/2022	07/28/2022	ASI #003 - Room Numbering (07/28/22)
P3.1	PLUMBING SCHEDULES	3	07/06/2022		PR #006 - Plumbing Additions (07/06/22)
P3.2	HOT WATER HEATER	1	04/18/2022		Conformance Set (04/18/22)
P3.3	SANITARY RISER DIAGRAM	2	04/18/2022		Conformance Set (04/18/22)
P3.4	DOMESTIC WATER RISER DIAGRAM	2	04/18/2022		Conformance Set (04/18/22)
P3.5	NATURAL GAS RISER DIAGRAM	1	04/18/2022		Conformance Set (04/18/22)
SKP1.0	BULLETIN #1 - UNDERSLAB PLUMBING PART PLAN	0			PR #003 - New Fire and Domestic Water Lines (05/27/22)
SKP1.1	BULLETIN #1 - GROUND FLOOR PLUMBING PART PLAN	0			PR #003 - New Fire and Domestic



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					Water Lines (05/27/22)
Mechanical					
M0.1	MECHANICAL NOTES, LEGEND, AND INDEX	1	04/18/2022		Conformance Set (04/18/22)
M1.1	MECHANICAL GROUND FLOOR DEMOLITION PLAN	2	04/18/2022		Conformance Set (04/18/22)
M1.2	MECHANICAL FIRST FLOOR DEMOLITION PLAN	1	04/18/2022		Conformance Set (04/18/22)
M1.3	MECHANICAL SECOND FLOOR DEMOLITION PLAN	1	04/18/2022		Conformance Set (04/18/22)
M1.4	MECHANICAL THIRD FLOOR DEMOLITION PLAN	1	04/18/2022		Conformance Set (04/18/22)
M1.5	MECHANICAL ROOF DEMOLITION PLAN	2	04/18/2022		Conformance Set (04/18/22)
M2.0	MECHANICAL GARAGE PLAN	1	12/12/2022	12/13/2022	PR #025R - Garage Renovation (12/12/22)
M2.1	OVERALL MECHANICAL GROUND FLOOR PLAN	7	08/23/2022	08/23/2022	PR #023 - Updated Electrical Room (08/23/22)
M2.2	MECHANICAL GROUND FLOOR PLAN (1 OF 2)	6	07/28/2022	07/28/2022	ASI #003 - Room Numbering (07/28/22)
M2.3	MECHANICAL GROUND FLOOR PLAN (2 OF 2)	8	09/21/2022	09/21/2022	RFI #180 - Standby Power for IT Room Cooling (09/21/22)
M2.4	OVERALL MECHANICAL FIRST FLOOR PLAN	3	07/28/2022	07/28/2022	ASI #003 - Room Numbering (07/28/22)
M2.5	MECHANICAL FIRST FLOOR PLAN (1 OF 2)	3	07/28/2022	07/28/2022	ASI #003 - Room Numbering (07/28/22)
M2.6	MECHANICAL FIRST FLOOR PLAN (2 OF 2)	5	05/11/2023	05/15/2023	PR #41R - Tax Assessor & Clerk Changes (05/11/23)
M2.7	OVERALL MECHANICAL SECOND FLOOR PLAN	4	07/28/2022	07/28/2022	ASI #003 - Room Numbering (07/28/22)
M2.8	MECHANICAL SECOND FLOOR PLAN (1 OF 2)	5	08/08/2022	08/08/2022	RFI #166 - Transfer Duct for Room 209 (08/08/22)
M2.9	MECHANICAL SECOND FLOOR PLAN (2 OF 2)	4	07/28/2022	07/28/2022	ASI #003 - Room Numbering (07/28/22)
M2.10	OVERALL MECHANICAL THIRD FLOOR PLAN	4	01/19/2023	01/19/2023	PR #007R - 3rd Floor Staff Lounge (01/19/23)
M2.11	MECHANICAL THIRD FLOOR PLAN (1 OF 2)	3	07/28/2022	07/28/2022	ASI #003 - Room Numbering (07/28/22)
M2.12	MECHANICAL THIRD FLOOR PLAN (2 OF 2)	4	01/19/2023	01/19/2023	PR #007R - 3rd Floor Staff Lounge (01/19/23)
M2.13	MECHANICAL ROOF PLAN	4	07/28/2022	07/28/2022	ASI #003 - Room Numbering (07/28/22)
M3.1	MECHANICAL GROUND FLOOR HYDRONIC PLAN	4	07/28/2022	07/28/2022	ASI #003 - Room Numbering (07/28/22)
M3.2	MECHANICAL FIRST FLOOR HYDRONIC PLAN	2	07/28/2022	07/28/2022	ASI #003 - Room Numbering (07/28/22)
M3.3	MECHANICAL SECOND FLOOR HYDRONIC PLAN	2	07/28/2022	07/28/2022	ASI #003 - Room Numbering (07/28/22)
M3.4	MECHANICAL THIRD FLOOR HYDRONIC PLAN	2	07/28/2022	07/28/2022	ASI #003 - Room Numbering (07/28/22)



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					22)
M3.5	MECHANICAL ROOF HYDRONIC PLAN	2	07/28/2022	07/28/2022	ASI #003 - Room Numbering (07/28/22)
M4.1	MECHANICAL SCHEDULES	2	04/18/2022		Conformance Set (04/18/22)
M4.2	MECHANICAL SCHEDULES	3	07/15/2022		PR #013R2 - Parks & Rec Department Removal (07/15/22)
M4.3	MECHANICAL DETAILS	1	04/18/2022		Conformance Set (04/18/22)
M4.4	MECHANICAL RISERS	1	04/18/2022		Conformance Set (04/18/22)
M4.5	MECHANICAL VENTILATION	1	04/18/2022		Conformance Set (04/18/22)
Electrical					
E0.1	ELECTRICAL NOTES	2	04/18/2022		Conformance Set (04/18/22)
E0.2	ELECTRICAL LEGEND	5	05/11/2023	05/15/2023	PR #41R - Tax Assessor & Clerk Changes (05/11/23)
E1 .1	GROUND FLOOR ELECTRICAL DEMOLITION PLAN	1	04/18/2022		Conformance Set (04/18/22)
E1.1	GROUND FLOOR ELECTRICAL DEMOLITION PLAN	0	03/08/2022	03/08/2022	Addendum #2 (03/08/22)
E1 .2	FIRST FLOOR ELECTRICAL DEMOLITION PLAN	1	04/18/2022		Conformance Set (04/18/22)
E1 .3	SECOND FLOOR ELECTRICAL DEMOLITION PLAN	1	04/18/2022		Conformance Set (04/18/22)
E1 .4	THIRD FLOOR ELECTRICAL DEMOLITION PLAN	1	04/18/2022		Conformance Set (04/18/22)
E1 .5	ELECTRICAL ROOF DEMOLITION PLAN	1	04/18/2022		Conformance Set (04/18/22)
E1.5	ELECTRICAL ROOF DEMOLITION PLAN	0	03/08/2022	03/08/2022	Addendum #2 (03/08/22)
E2.0	SITE ELECTRICAL LIGHTING PLAN	6	12/06/2022	12/16/2022	PR #036 - Site Electrical and Lighting (12/07/22)
E2.1	GROUND FLOOR ELECTRICAL LIGHTING PLAN (1 OF 2)	4	12/15/2022	12/15/2022	PR #035 - Additional Electrical (12/15/22)
E2.2	GROUND FLOOR ELECTRICAL LIGHTING PLAN (2 OF 2)	5	12/15/2022	12/15/2022	PR #035 - Additional Electrical (12/15/22)
E2.3	FIRST FLOOR ELECTRICAL LIGHTING PLAN (1 OF 2)	3	12/15/2022	12/15/2022	PR #035 - Additional Electrical (12/15/22)
E2.4	FIRST FLOOR ELECTRICAL LIGHTING PLAN (2 OF 2)	5	05/11/2023	05/15/2023	PR #41R - Tax Assessor & Clerk Changes (05/11/23)
E2.5	SECOND FLOOR ELECTRICAL LIGHTING PLAN (1 OF 2)	3	12/15/2022	12/15/2022	PR #035 - Additional Electrical (12/15/22)
E2.6	SECOND FLOOR ELECTRICAL LIGHTING PLAN (2 OF 2)	3	12/15/2022	12/15/2022	PR #035 - Additional Electrical (12/15/22)
E2.7	THIRD FLOOR ELECTRICAL LIGHTING PLAN (1 OF 2)	3	12/15/2022	12/15/2022	PR #035 - Additional Electrical (12/15/22)
E2.8	THIRD FLOOR ELECTRICAL LIGHTING PLAN (2 OF 2)	3	07/28/2022	07/28/2022	ASI #003 - Room Numbering (07/28/22)
E2.9	PENTHOUSE ELECTRICAL LIGHTING PLAN	3	07/28/2022	07/28/2022	ASI #003 - Room Numbering (07/28/22)
E3.1	GROUND FLOOR ELECTRICAL POWER PLAN (1 OF 2)	5	12/15/2022	12/15/2022	PR #035 - Additional Electrical (12/15/22)



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E3.2	GROUND FLOOR ELECTRICAL POWER PLAN (2 OF 2)	8	12/15/2022	12/15/2022	PR #035 - Additional Electrical (12/15/22)
E3.3	FIRST FLOOR ELECTRICAL POWER PLAN (1 OF 2)	4	12/15/2022	12/15/2022	PR #035 - Additional Electrical (12/15/22)
E3.4	FIRST FLOOR ELECTRICAL POWER PLAN (2 OF 2)	6	05/11/2023	05/15/2023	PR #41R - Tax Assessor & Clerk Changes (05/11/23)
E3.5	SECOND FLOOR ELECTRICAL POWER PLAN (1 OF 2)	3	12/15/2022	12/15/2022	PR #035 - Additional Electrical (12/15/22)
E3.6	SECOND FLOOR ELECTRICAL POWER PLAN (2 OF 2)	5	12/15/2022	12/15/2022	PR #035 - Additional Electrical (12/15/22)
E3.7	THIRD FLOOR ELECTRICAL POWER PLAN (1 OF 2)	4	12/15/2022	12/15/2022	PR #035 - Additional Electrical (12/15/22)
E3.8	THIRD FLOOR ELECTRICAL POWER PLAN (2 OF 2)	8	01/19/2023	01/19/2023	PR #007R - 3rd Floor Staff Lounge (01/19/23)
E3.9	ROOF ELECTRICAL POWER PLAN	3	07/28/2022	07/28/2022	ASI #003 - Room Numbering (07/28/22)
E4.1	ELECTRICAL RISER DIAGRAM	4	07/15/2022		PR #013R2 - Parks & Rec Department Removal (07/15/22)
E4.2	FIRE ALARM RISER DIAGRAM	3	12/15/2022	12/15/2022	PR #035 - Additional Electrical (12/15/22)
E4.3	ELECTRICAL PANEL SCHEDULES (1 OF 3)	7	01/19/2023	01/19/2023	PR #007R - 3rd Floor Staff Lounge (01/19/23)
E4.4	ELECTRICAL PANEL SCHEDULES (2 OF 3)	12	05/11/2023	05/15/2023	PR #41R - Tax Assessor & Clerk Changes (05/11/23)
E4.5	ELECTRICAL PANEL SCHEDULES (3 OF 3)	7	12/15/2022	12/15/2022	PR #035 - Additional Electrical (12/15/22)
E5.1	ELECTRICAL DETAILS (1 OF 3)	1	04/18/2022		Conformance Set (04/18/22)
E5.2	ELECTRICAL DETAILS (2 OF 3)	1	04/18/2022		Conformance Set (04/18/22)
Technology					
T0.01	TECHNOLOGY & SECURITY LEGEND & NOTES	5	09/29/2022	09/29/2022	PR #028 - Intercom System (09/29/22)
T1.00	GROUND FLOOR TECHNOLOGY PLAN	9	12/15/2022	12/15/2022	PR #035 - Additional Electrical (12/15/22)
T1.01	GROUND FLOOR - AREA A ENLARGED TECHNOLOGY PLAN	7	12/15/2022	12/15/2022	PR #035 - Additional Electrical (12/15/22)
T1.02	GROUND FLOOR – AREA B ENLARGED TECHNOLOGY PLAN	6	12/15/2022	12/15/2022	PR #035 - Additional Electrical (12/15/22)
T1.03	GROUND FLOOR – AREA C ENLARGED TECHNOLOGY PLAN	7	12/15/2022	12/15/2022	PR #035 - Additional Electrical (12/15/22)
T1.04	GROUND FLOOR - AREA D ENLARGED TECHNOLOGY PLAN	5	12/15/2022	12/15/2022	PR #035 - Additional Electrical (12/15/22)
T1.10	FIRST FLOOR TECHNOLOGY PLAN	6	12/15/2022	12/15/2022	PR #035 - Additional Electrical (12/15/22)
T1.11	L1 – AREA A ENLARGED TECHNOLOGY PLAN	8	05/11/2023	05/15/2023	PR #54R - Door Button (05/11/23)



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T1.12	L1 – AREA B ENLARGED TECHNOLOGY PLAN	6	12/15/2022	12/15/2022	PR #035 - Additional Electrical (12/15/22)
T1.13	L1 – AREA C ENLARGED TECHNOLOGY PLAN	8	05/11/2023	05/15/2023	PR #41R - Tax Assessor & Clerk Changes (05/11/23)
T1.14	L1 – AREA D ENLARGED TECHNOLOGY PLAN	4	12/15/2022	12/15/2022	PR #035 - Additional Electrical (12/15/22)
T1.20	SECOND FLOOR TECHNOLOGY PLAN	6	12/15/2022	12/15/2022	PR #035 - Additional Electrical (12/15/22)
T1.21	L2 – AREA A ENLARGED TECHNOLOGY PLAN	6	12/15/2022	12/15/2022	PR #035 - Additional Electrical (12/15/22)
T1.22	L2 – AREA B ENLARGED TECHNOLOGY PLAN	6	12/15/2022	12/15/2022	PR #035 - Additional Electrical (12/15/22)
T1.23	L2 – AREA C ENLARGED TECHNOLOGY PLAN	6	12/15/2022	12/15/2022	PR #035 - Additional Electrical (12/15/22)
T1.24	L2 - AREA D ENLARGED TECHNOLOGY PLAN	7	12/15/2022	12/15/2022	PR #035 - Additional Electrical (12/15/22)
T1.30	THIRD FLOOR TECHNOLOGY PLAN	6	12/15/2022	12/15/2022	PR #035 - Additional Electrical (12/15/22)
T1.31	L3 – AREA A ENLARGED TECHNOLOGY PLAN	6	12/15/2022	12/15/2022	PR #035 - Additional Electrical (12/15/22)
T1.32	L3 – AREA B ENLARGED TECHNOLOGY PLAN	7	12/15/2022	12/15/2022	PR #035 - Additional Electrical (12/15/22)
T1.33	L3 – AREA C ENLARGED TECHNOLOGY PLAN	7	12/15/2022	12/15/2022	PR #035 - Additional Electrical (12/15/22)
T1.34	L3 – AREA D ENLARGED TECHNOLOGY PLAN	8	12/15/2022	12/15/2022	PR #035 - Additional Electrical (12/15/22)
T1.40	PENTHOUSE TECHNOLOGY PLAN	1	04/18/2022		Conformance Set (04/18/22)
T1.41	L4 - PENTHOUSE AND ROOF ENLARGED TECHNOLOGY PLAN	1	04/18/2022		Conformance Set (04/18/22)
T2.01	TECHNOLOGY DETAILS	2	04/18/2022		Conformance Set (04/18/22)
T2.02	TECHNOLOGY DETAILS	1	04/18/2022		Conformance Set (04/18/22)
T2.03	TECHNOLOGY GROUNDING AND BONDING DETAIL	1	04/18/2022		Conformance Set (04/18/22)
T2.04	SECURITY DETAILS	2	04/18/2022		Conformance Set (04/18/22)
T2.05	SECURITY DETAILS	3	05/11/2023	05/15/2023	PR #54R - Door Button (05/11/23)
T2.06	SECURITY DETAILS	1	04/18/2022		Conformance Set (04/18/22)
T2.07	CAMERA SCHEDULE NEW CONSTRUCTION KEYPLAN PUBLIC ADDRESS WIRING DIAGRAM	3	07/13/2022		PR #016 - Public Address System (07/13/22)
T3.01	TECHNOLOGY COMM. ROOM #020 DETAIL	2	07/14/2022		PR #020 - Technology Updates (07/14/22)
T3.02	TECHNOLOGY IT ROOM 308B DETAIL & BACKBONE CABLING	3	07/14/2022		PR #020 - Technology Updates (07/14/22)
Swing Space					
E-000	ELECTRICAL LEGENDS & GENERAL NOTES	1	10/25/2021	12/13/2021	Swing Space - Bid Set Issue For Construction, Addendum #1



DAmato + Downes JV

Printed on Wed Oct 11, 2023 at 03:48 pm EDT

Job #: 60-19-0003 Bristol City Hall Reno/Addition
131 North Main Street
Bristol, Connecticut 06010

Drawing No.	Drawing Title	Revision	Drawing Date	Received Date	Set
GT1.0	GENERAL INFORMATION	1	10/25/2021	12/06/2021	Swing Space - Bid Set Issue For Construction, Addendum #1
M000	MECHANICAL LEGENDS & GENERAL NOTES	1	10/25/2021	12/13/2021	Swing Space - Bid Set Issue For Construction, Addendum #1
PFP-000	PLUMBING & FIRE PROTECTION - LEGENDS & GENERAL NOTES	1	10/25/2021	12/13/2021	Swing Space - Bid Set Issue For Construction, Addendum #1
ELD-102	ELECTRICAL LIGHTING SECOND FL DEMO PLAN	2	02/09/2022		Swing Space - PR 02 (02/09/22)
MD-102	MECHANICAL SECOND FL DEMO PLAN	2	02/09/2022		Swing Space - PR 02 (02/09/22)
PFPD-102	PLUMBING & FIRE PROTECTION SECOND FL DEMO PLAN	2	02/09/2022		Swing Space - PR 02 (02/09/22)
RT1.0	LEVEL 2 CODE PLAN - TEMP SPACE	0	10/25/2021		Swing Space - Bid Set Issue For Construction, Addendum #1
DT1.0	LEVEL 2 DEMO PLAN - TEMP SPACE	3	02/09/2022		Swing Space - PR 02 (02/09/22)
EPD-102	ELECTRICAL POWER SECOND FL DEMO PLAN	2	02/09/2022		Swing Space - PR 02 (02/09/22)
M-102	MECHANICAL SECOND FL NEW WORK PLAN	2	02/09/2022		Swing Space - PR 02 (02/09/22)
PFP-102	PLUMBING & FIRE PROTECTION SECOND FL PLAN	2	02/09/2022		Swing Space - PR 02 (02/09/22)
DT2.0	LEVEL 2 DEMO PLAN RCP - TEMP SPACE	2	02/09/2022		Swing Space - PR 02 (02/09/22)
EL-102	ELECTRICAL LIGHTING SECOND FL NEW WORK PLAN	2	02/09/2022		Swing Space - PR 02 (02/09/22)
M-200	MECHANICAL SCHEDULES & DETAILS	2	02/09/2022		Swing Space - PR 02 (02/09/22)
PFP-300	PLUMBING & FIRE PROTECTION SPECIFICATIONS & DETAILS	1	10/25/2021	12/13/2021	Swing Space - Bid Set Issue For Construction, Addendum #1
AT1.0	LEVEL 2 FLOOR PLAN -TEMP SPACE	2	02/09/2022		Swing Space - PR 02 (02/09/22)
EP-102	ELECTRICAL POWER SECOND FL NEW WORK PLAN & ROOF PART PLAN	2	02/09/2022		Swing Space - PR 02 (02/09/22)
M-300	MECHANICAL SPECIFICATIONS	1	10/25/2021	12/13/2021	Swing Space - Bid Set Issue For Construction, Addendum #1
AT1.1	LEVEL 2 FLOOR PLAN - ENLARGED TEMP SPACE	2	01/21/2022		Swing Space - PR 01 (01/21/22)
E-200	ELECTRICAL RISERS & SCHEDULES	1	10/25/2021	12/13/2021	Swing Space - Bid Set Issue For Construction, Addendum #1
AT1.2	LEVEL 2 FLOOR PLAN - ENLARGED TEMP SPACE	3	02/09/2022		Swing Space - PR 02 (02/09/22)
E-201	ELECTRICAL DETAILS AND SCHEDULES	1	10/25/2021	12/13/2021	Swing Space - Bid Set Issue For Construction, Addendum #1
AT1.3	LEVEL 2 FLOOR PLAN - ENLARGED TEMP SPACE	3	02/09/2022		Swing Space - PR 02 (02/09/22)
E-300	ELECTRICAL SPECIFICATIONS	1	10/25/2021	12/13/2021	Swing Space - Bid Set Issue For Construction, Addendum #1
AT2.0	LEVEL 2 RCP - TEMP SPACE	2	02/09/2022		Swing Space - PR 02 (02/09/22)
E-301	ELECTRICAL SPECIFICATIONS	1	10/25/2021	12/13/2021	Swing Space - Bid Set Issue For Construction, Addendum #1
AT3.0	DOOR SCHEDULE - TEMP SPACE	3	02/09/2022		Swing Space - PR 02 (02/09/22)
AT10.0	LEVEL 2 FINISH PLAN - TEMP SPACE	2	01/21/2022		Swing Space - PR 01 (01/21/22)
AT10.1	LEVEL 2 FINISH PLAN - TEMP SPACE	3	02/09/2022		Swing Space - PR 02 (02/09/22)
AT10.2	LEVEL 2 FINISH PLAN - TEMP SPACE	3	02/09/2022		Swing Space - PR 02 (02/09/22)
AT11.0	LEVEL 2 MILLWORK ELEVATIONS - TEMP SPACE	2	02/09/2022		Swing Space - PR 02 (02/09/22)



DAmato + Downes JV

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Job #: 60-19-0003 Bristol City Hall Reno/Addition
131 North Main Street
Bristol, Connecticut 06010

Drawing No.	Drawing Title	Revision	Drawing Date	Received Date	Set
AT11.1	LEVEL 2 MILLWORK DETAILS - TEMP SPACE	1	10/25/2021	12/06/2021	Swing Space - Bid Set Issue For Construction, Addendum #1
C0.1	NEW IT & EMERGENCY MANAGEMENT FIT OUT	0	10/25/2021		Swing Space - Bid Set Issue For Construction, Addendum #1
G1A.0	GENERAL INFORMATION	1	10/25/2021	12/06/2021	Swing Space - Bid Set Issue For Construction, Addendum #1
R1A.0	LEVEL 2 CODE PLAN - IT & EMERGENCY MGMNT	0	10/25/2021		Swing Space - Bid Set Issue For Construction, Addendum #1
D1A.0	LEVEL 2 DEMO PLAN - IT & EMERGENCY MGMNT	3	02/09/2022		Swing Space - PR 02 (02/09/22)
D1A.1	LEVEL 2 DEMO PLAN RCP - IT & EMERGENCY MGMNT	3	02/09/2022		Swing Space - PR 02 (02/09/22)
A1A.0	LEVEL 2 FLOOR PLAN - IT & EMERGENCY MGMNT	2	02/09/2022		Swing Space - PR 02 (02/09/22)
A2A.0	LEVEL 2 RCP - IT & EMERGENCY MGMNT	2	02/09/2022		Swing Space - PR 02 (02/09/22)
A3A.0	DOOR SCHEDULE - IT & EMERGENCY MGMNT	2	02/09/2022		Swing Space - PR 02 (02/09/22)
A7A.0	LEVEL 2 INTERIOR ELEVATIONS - IT & EMERGENCY MGMNT	1	01/21/2022		Swing Space - PR 01 (01/21/22)
A10A.0	LEVEL 2 FINISH PLAN - IT & EMERGENCY MGMNT	2	01/21/2022		Swing Space - PR 01 (01/21/22)
A11A.0	LEVEL 2 MILLWORK ELEVATIONS - IT & EMERGENCY MGMNT	2	01/21/2022		Swing Space - PR 01 (01/21/22)
A11A.1	LEVEL 2 MILLWORK DETAILS - IT & EMERGENCY MGMNT	1	01/21/2022		Swing Space - PR 01 (01/21/22)
A12A.0	SIGNAGE SKETCHES - IT & EMERGENCY MGMNT	0	10/25/2021		Swing Space - Bid Set Issue For Construction, Addendum #1
C0.0	TEMPORARY FIT OUT	0	10/25/2021		Swing Space - Bid Set Issue For Construction, Addendum #1
T0.1	SYMBOL LEGEND & GENERAL NOTES	1	02/09/2022		Swing Space - PR 02 (02/09/22)
T1.1	LEVEL 2 FLOOR PLAN - TEMP SPACE	1	02/09/2022		Swing Space - PR 02 (02/09/22)
T2.0	SERVER ROOM DETAILS	1	02/09/2022		Swing Space - PR 02 (02/09/22)
T2.1	EXISTING DATA ROOM DETAILS	1	02/09/2022		Swing Space - PR 02 (02/09/22)
T3.0	DETAILS	0	10/25/2021		Swing Space - Bid Set Issue For Construction, Addendum #1
T3.1	GROUNDING AND BONDING	0	10/25/2021		Swing Space - Bid Set Issue For Construction, Addendum #1
T3.2	SECURITY DETAILS	0	10/25/2021		Swing Space - Bid Set Issue For Construction, Addendum #1
T4.0	SECURITY WIRING DIAGRAMS	0	10/25/2021		Swing Space - Bid Set Issue For Construction, Addendum #1

Bristol City Hall			5						12-Sep-23 11:06												
Activity ID	Activity Name	OD	RD	% Comp	Start	Finish	TF	Predecessor Details	Successor Details	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
 101260	Fabrication & Deliver -Atrium Aluminum	65	0	100%	21-Nov-22A	17-Apr-23A		10890: FS	129: FS, 133: FS												
 101540	Fabrication & Deliver -Atrium Sun Shades	30	0	100%	21-Nov-22A	19-May-23A		10890: FS	133: FS												
 A2410	Fabrication & Deliver -Atrium Glass	65	0	100%	21-Nov-22A	19-May-23A		10890: FS	132: FS												
 (BP 2.8.1) Metal Panel		197	0		04-May-22A	22-May-23A															
 10140	Bid & Award - Metal Panel	15	0	100%	04-May-22A	24-May-22A		5: FS	10520: FS												
 10520	Prepare & Forward Submittal - Metal Panel	70	0	100%	25-May-22A	28-Oct-22A		10140: FS	10900: FS												
 10900	Review & Approve Submittal - Metal Panel	15	0	100%	31-Oct-22A	16-Dec-22A		10520: FS	101270: FS												
 101270	Fabrication & Deliver - Metal Panel	40	0	100%	19-Dec-22A	22-May-23A		10900: FS	108: FS, 131: FS												
 (BP 2.8.2) Doors, Frames & Hardware		145	0		04-May-22A	09-Jan-23A															
 10150	Bid & Award - Doors/Frames/Hardware	15	0	100%	04-May-22A	24-May-22A		5: FS	10530: FS												
 10530	Prepare & Forward Submittal - Doors/Frames/Hardware	15	0	100%	25-May-22A	16-Jun-22A		10150: FS	10910: FS												
 10910	Review & Approve Submittal - Doors/Frames/Hardware	15	0	100%	17-Jun-22A	15-Aug-22A		10530: FS	101280: FS, 101550: FS, 101560: FS												
 101280	Fabrication & Deliver - Doors	80	0	100%	16-Aug-22A	08-Dec-22A		10910: FS	165: FS												
 101550	Fabrication & Deliver - Frames	35	0	100%	16-Aug-22A	28-Oct-22A		10910: FS	146: FF, 182: FF, 218: FF, 254: FS, A1990: FF												
 101560	Fabrication & Deliver - Hardware	100	0	100%	16-Aug-22A	09-Jan-23A		10910: FS	165: FS												
 (BP 2.9.1) Gypsum Drywall		50	0		04-May-22A	16-Sep-22A															
 10160	Bid & Award - Drywall	15	0	100%	04-May-22A	24-May-22A		5: FS	10540: FS												
 10540	Prepare & Forward Submittal - Drywall	15	0	100%	25-May-22A	16-Jun-22A		10160: FS	10920: FS												
 10920	Review & Approve Submittal - Drywall	15	0	100%	17-Jun-22A	26-Jul-22A		10540: FS	101290: FS												
 101290	Fabrication & Deliver - Drywall	5	0	100%	27-Jul-22A	16-Sep-22A		10920: FS	127: FS, 146: FS, A1990: FS												
 (BP 2.9.2) Acoustical Ceilings		140	0		04-May-22A	13-Jan-23A															
 10170	Bid & Award - Acoustical Ceilings	15	0	100%	04-May-22A	24-May-22A		5: FS	10550: FS												
 10550	Prepare & Forward Submittal - Acoustical Ceilings	70	0	100%	25-May-22A	03-Jun-22A		10170: FS	10930: FS												
 10930	Review & Approve Submittal - Acoustical Ceilings	15	0	100%	06-Jun-22A	17-Jun-22A		10550: FS	101300: FS												
 101300	Fabrication & Deliver - Acoustical Ceilings	40	0	100%	20-Jun-22A	13-Jan-23A		10930: FS	154: FS												
 (BP 2.9.3) Flooring		155	0		04-May-22A	06-Jan-23A															
 10180	Bid & Award - Flooring	15	0	100%	04-May-22A	24-May-22A		5: FS	10560: FS												

Bristol City Hall			10						12-Sep-23 11:06																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
Activity ID	Activity Name	OD	RD	% Comp	Start	Finish	TF	Predecessor Details	Successor Details																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															

Bristol City Hall			17						12-Sep-23 11:06															
Activity ID	Activity Name	OD	RD	% Comp	Start	Finish	TF	Predecessor Details	Successor Details	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
 A2520	Abatement	3	0	100%	24-Jul-23A	26-Jul-23A		A2510: FS	317: FS,A2670: FS															
 Stairs @ Existing (North & South)		235	20		03-Nov-22A	06-Oct-23	13																	
 A2180	Fire Protection Riser	15	0	100%	03-Nov-22A	13-Jan-23A		122: SS	A1380: FS															
 126	Rebuild Stairs	10	0	100%	23-Nov-22A	29-Nov-22A		122: FS,A2220: FS	A1380: FS,A1420: FS															
 A1380	MEP Rough	5	0	100%	20-Mar-23A	26-May-23A		126: FS, 256: SS,A2180: FS,D170: SS	A1390: FF															
 A1390	Framing / Drywall	5	0	100%	20-Mar-23A	26-May-23A		A1380: FF	A1400: SS															
 A1400	Painting	5	7	70%	22-May-23A	19-Sep-23	13	A1390: SS, 270: SS	A1410: SS,A2870: FS															
 A1420	Misc Specialties	5	0	100%	19-Jun-23A	23-Jun-23A		126: FS	A1370: FS,A1890: FS, 11: FS,A1370: FF															
 A2800	Railing	2	9	95%	03-Jul-23A	21-Sep-23	14	1: FS	A2820: FS															
 A2770	Glass Railing	7	7	95%	10-Aug-23A	19-Sep-23	1	1: FS	A1370: FF															
 A1410	Flooring	13	10	30%	14-Aug-23A	22-Sep-23	13	A1400: SS	A2820: FS															
 A2810	Wood Cap	11	0	100%	16-Aug-23A	30-Aug-23A		1: FS	A2820: FS															
 A2870	Signage	3	3	0%	20-Sep-23*	22-Sep-23	14	A1400: FS	A2820: FS -1															
 A2820	AE, Owner & CM Develop Punch List	1	1	0%	25-Sep-23	25-Sep-23	13	1: FS,A2810: FS,A2800: FS,A2870: FS -1,A1410: FS	A2830: FS															
 A2830	Correct Punch List	9	9	0%	26-Sep-23	06-Oct-23	13	A2820: FS	12: FS															
 Stairs @ Atrium		233	20		26-Sep-22A	06-Oct-23	13																	
 A2230	Erect Stairs / Concrete Work	15	0	100%	26-Sep-22A	25-Nov-22A		122: SS	A2240: FF															
 A2240	MEP Rough	5	0	100%	28-Nov-22A	23-Jun-23A		A2230: FF, 256: FF	A2250: FF															
 A2250	Framing / Drywall	5	0	100%	17-Apr-23A	23-Jun-23A		A2240: FF	A2260: FS															
 A2260	Painting	5	5	85%	02-Aug-23A	15-Sep-23	3	A2250: FS, 270: SS	A2270: FS,A2860: SS,A2280: SS															
 A2540	Glass Railings & Solid Surface Caps	16	7	80%	14-Aug-23A	19-Sep-23	4	101210: FS	11: FS,A2840: FS 3															
 A2280	Millwork (Elev PL Panels & Decorative Trim)	7	5	70%	21-Aug-23A	15-Sep-23	3	A2260: SS	A1890: FS, 11: FS,A1370: FF,A2840: FS															
 A2270	Flooring	10	6	30%	22-Aug-23A	25-Sep-23	13	A2260: FS	A2840: FS															
 A2860	Signage	6	6	0%	15-Sep-23*	22-Sep-23	14	A2260: SS	A2840: FS															
 A2840	AE, Owner & CM Develop Punch List	3	3	0%	26-Sep-23	28-Sep-23	13	A2280: FS,A2540: FS 3,A2860: FS,A2270: FS	A2850: FS -1															
 A2850	Correct Punch List	7	7	0%	28-Sep-23	06-Oct-23	13	A2840: FS -1	A2900: FF															
 A2900	Final cleaning	3	3	0%	04-Oct-23	06-Oct-23	13	A2850: FF	12: FS															
 Garage		400	28		19-Sep-22A	18-Oct-23	5																	
 A1460	Roof Drains / Roofing	15	0	100%	19-Sep-22A	21-Oct-22A		A1470: SS	A1450: FS															
 A1470	Selective Demolition	15	0	100%	19-Sep-22A	27-Jan-23A		95: FS	A1460: SS															
 A1440	Painting	10	21	90%	20-Mar-23A	09-Oct-23	5	A1430: FF	A1480: FF,A1490: FS															
 A1430	Overhead Doors	6	0	100%	17-Jul-23A	24-Jul-23A		A1450: SS, 101580: FS	A1440: FF															
 A1450	Storefront / Window / Doors	15	0	100%	17-Jul-23A	28-Jul-23A		A1460: FS, 101250: FS	A1430: SS															
 A1490	AE, Owner & CM Develop Punch List	1	1	0%	10-Oct-23	10-Oct-23	5	A1440: FS	A1900: FS,A1480: FS															
 A1900	Correct Punch List	4	4	0%	11-Oct-23	16-Oct-23	5	A1490: FS	12: FS,A1480: FS															
 A1480	Final Cleaning	2	2	0%	17-Oct-23	18-Oct-23	5	A1440: FF,A1490: FS,A1900: FS	12: FS															
 Skybridge		162	30		21-Nov-22A	20-Oct-23	13																	
 A2110	Selective Demo	4	0	100%	21-Nov-22A	26-May-23A		94: FS	A2120: SS,A2170: SS,A2100: FS															
 A2170	Rail Work	5	20	50%	21-Nov-22A	06-Oct-23	23	A2110: SS	A2160: SS,A2150: SS															
 A2120	Remove Existing Exterior Framing	5	0	100%	13-Feb-23A	17-Feb-23A		A2110: SS	A2130: FS															
 A2130	Install New Framing / Sheathing & Insulation	10	0	100%	17-Apr-23A	24-Apr-23A		A2120: FS	A2100: FS															
 A2100	Remove & Replace Polycarbonate Panels	20	0	100%	29-May-23A	28-Jul-23A		A2130: FS, 101250: FS,A2110: FS	A2150: FS															

Bristol City Hall			18							12-Sep-23 11:06															
Activity ID	Activity Name	OD	RD	% Comp	Start	Finish	TF	Predecessor Details	Successor Details																
 A2160	Lighting	6	6	0%	04-Oct-23*	11-Oct-23	10	A2170: SS	12: FS																
 A2150	Flooring	4	4	0%	09-Oct-23*	12-Oct-23	3	A2100: FS,A2170: SS	A2880: FS																
 A2880	AE, Owner & CM Develop Punch List	1	1	0%	13-Oct-23	13-Oct-23	3	A2150: FS	A2890: FS																
 A2890	Correct Punch List	5	5	0%	16-Oct-23	20-Oct-23	3	A2880: FS	12: FS																
 Startup / Commissioning / Building Flush-Out / Turnover		57	33		07-Aug-23A	26-Oct-23	0																		
 311	HVAC Startup	5	5	70%	07-Aug-23A	15-Sep-23	1	1273: FS,A1680: FS,A1970: FS	312: FF,281: FS,A2750: SS																
 A2750	Special Inspections Final sign Off (IMTL)	3	7	93%	18-Aug-23A	19-Sep-23	1	311: SS	317: FF,A2690: FF 3																
 312	HVAC Test & Balance	10	5	35%	01-Sep-23A	18-Sep-23	2	311: FF,A1330: FF,A1340: FS,238: FS,1241: FS,133: FF	281: FF,317: FF,A2740: FF 3																
 317	City MEP Inspections	8	8	0%	13-Sep-23	22-Sep-23	1	207: FS,171: FS,172: FF,208: FF,A2570: FS,A2580: FF,2	11: FS,A2700: FF																
 A2700	Fire Dept. Inspection	8	8	0%	13-Sep-23	22-Sep-23	1	317: FF,A2670: FF	A2710: SS																
 A2710	City Building Dept. Inspection	8	8	0%	13-Sep-23	22-Sep-23	1	A2700: SS,1263: FF,1268: FF	A2720: FS,11: FS																
 A2690	Planning & Zoning	5	5	0%	18-Sep-23*	22-Sep-23	1	A2750: FF 3	A2720: FS,11: FS																
 A2740	Atrium Smoke Evacuation Test	3	3	0%	19-Sep-23	21-Sep-23	2	312: FF 3	317: FF																
 A2670	City Water Dept. Inspection	1	1	0%	20-Sep-23	20-Sep-23	3	243: FS,244: FF,292: FS,101850: FS,164: FS,A1090: FS	A2700: FF																
 A2460	Final Closeout Period	30	30	0%	26-Sep-23	26-Oct-23	0	11: FS,A2720: FF 5	12: FS																
 281	Commissioning & Building Flush-Out	13	13	0%	09-Oct-23*	25-Oct-23	0	A1670: FS,1241: FS,311: FS,297: FF,275: FF,312: FF,10	12: FS																

Unclassified

Description

Taken Date

10/08/2023 at 06:04 am

Upload Date

10/08/2023 at 06:04 am

Uploaded By

Tom D'Amato

File Name

4B9B1318-97A4-4AC4-B...

Atrium lights at
night



Unclassified

Description

Taken Date
10/05/2023 at 10:09 am

Upload Date
10/05/2023 at 10:09 am

Uploaded By
Tom D'Amato

File Name
CDF20337-44A4-4658-A...

Landscaping,
sidewalks and
curbs, and site
lights



Unclassified

Description

Taken Date

10/04/2023 at 11:38 am

Upload Date

10/04/2023 at 11:38 am

Uploaded By

Tom D'Amato

File Name

7FEE1C23-B92A-48ED-8...

Brick pavers in
the sidewalk on
North Main
Street



Photos From Daily Log

Description

Taken Date

10/02/2023 at 10:58 am

Upload Date

10/02/2023 at 11:00 am

Uploaded By

Bart Costello

File Name

F0CE7F08-EB0D-4C94-B...

Exterior tile at
the North
Entrance



Unclassified

Description

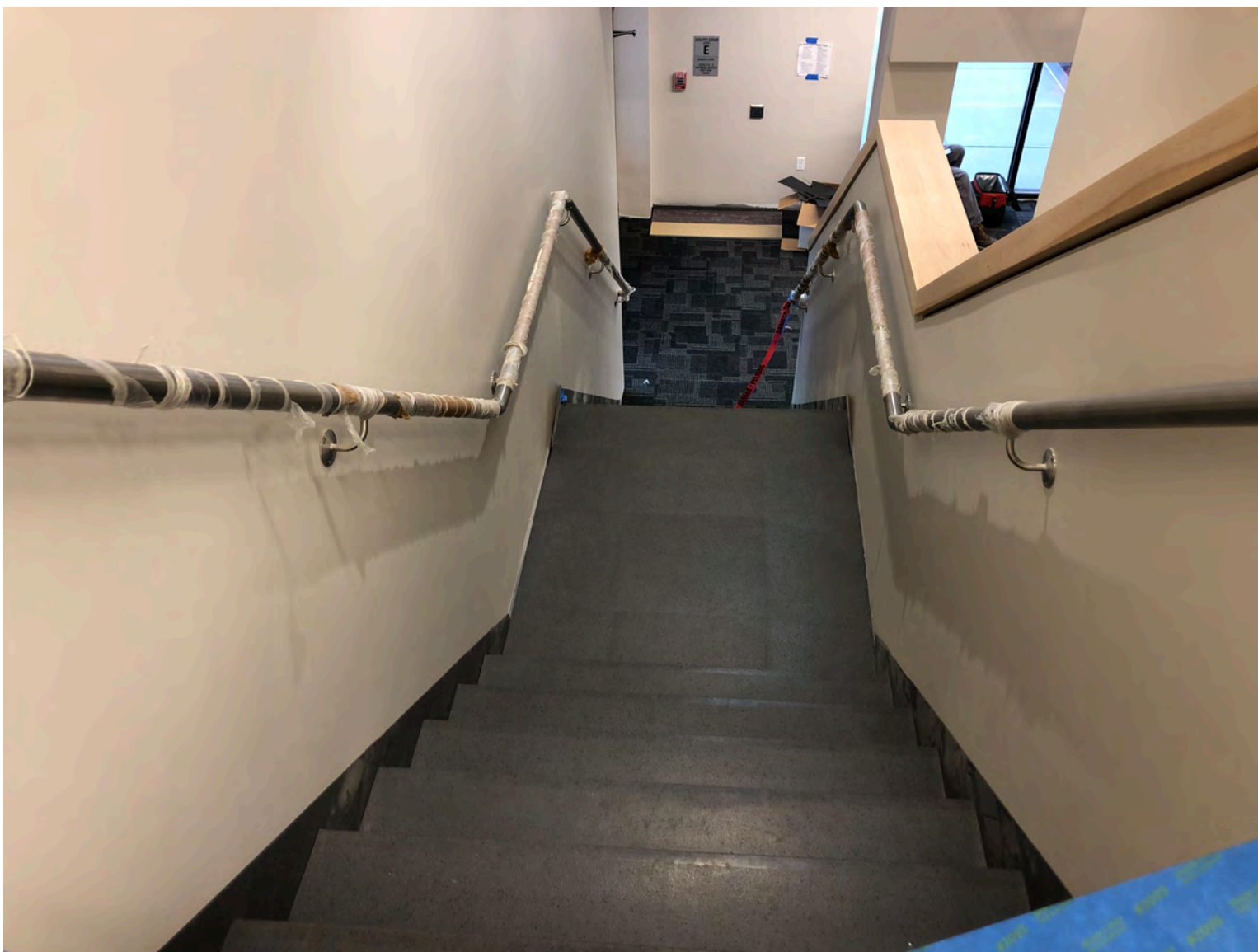
Taken Date
09/30/2023 at 09:17 am

Upload Date
09/30/2023 at 09:18 am

Uploaded By
Tom D'Amato

File Name
F5D6D3FF-A560-4D96-9...

South Vestibule
stairway flooring
installation



Photos From Daily Log

Description

Taken Date

09/30/2023 at 06:36 am

Upload Date

09/30/2023 at 06:36 am

Uploaded By

Bart Costello

File Name

28E190F8-230E-416D-A...

Gang bathroom
toilet partitions



Photos From Daily Log

Description

Taken Date

09/29/2023 at 01:10 pm

Upload Date

09/29/2023 at 01:11 pm

Uploaded By

Bart Costello

File Name

45A905BA-96C9-46A8-B...

Skybridge railing
and light
installation



Unclassified

Description

Taken Date
09/28/2023 at 11:48 am

Upload Date
09/28/2023 at 11:48 am

Uploaded By
Tom D'Amato

File Name
CD6FC4F5-C171-4FFA-B...

Landscaping on
North Main
Street



Photos From Daily Log

Description

Taken Date

09/25/2023 at 02:31 pm

Upload Date

09/25/2023 at 02:35 pm

Uploaded By

Bart Costello

File Name

CC66FE58-F57A-4DA9-9...

Owner's plaque
in the Atrium



Photos From Daily Log

Description

Taken Date

09/21/2023 at 02:07 pm

Upload Date

09/21/2023 at 02:07 pm

Uploaded By

Bart Costello

File Name

69DC4E98-0A3A-4802-8...

Line striping in
the parking lot



Photos From Daily Log

Description

Taken Date

09/21/2023 at 01:58 pm

Upload Date

09/21/2023 at 01:58 pm

Uploaded By

Bart Costello

File Name

74D7B207-9BFA-4913-A...

Decorative wood
canopy on the
Atrium



Photos From Daily Log

Description

Taken Date

09/15/2023 at 02:31 pm

Upload Date

09/15/2023 at 02:31 pm

Uploaded By

Bart Costello

File Name

B8A85778-A9EC-410D-9...

Council
Chambers
seating





Department of Public Works | 860.584.6125

MEMORANDUM

DATE: September 14, 2023 **rev Oct 12, 2023**

TO: Mayor Jeffrey Caggiano
Board of Public Works

FROM: Raymond A. Rogozinski, P.E., Director of Public Works

RE: Revised FEMA Mapping – Pequabuck River, North Creek, and Coppermine Brook (Farmington River Watershed)

As indicated to the Board of Public Works, and presented to the City's Flood Erosion Control Board, FEMA has prepared updated flood plain/floodway maps for the Pequabuck River, North Creek, and Coppermine Brook. The maps are prepared by FEMA, not the City of Bristol. However, DPW Engineering has reviewed the maps, and it appears approximately 202 primary structures will be removed from the flood plain, and approximately 198, not previously in the flood plain, will now be included within the flood plain zone.

As previously reported, the FEMA map revisions are for the entire Farmington River Watershed and its tributaries, and therefore include the Pequabuck River, North Creek, and Coppermine Brook. The work includes a new detailed study with new hydrology (flow) and hydraulics (water elevation) analysis.

Based on a review of the draft maps, the flood plain along the Pequabuck River, and Coppermine Brook (Zone AE flood plains) appear to be smaller, and Zone AO had a reduction. However, the new maps indicated isolated pockets of flood plains identified as Zone A flood plains that have increased.

The DRAFT maps of the Special Flood Hazard Areas are available for review [online](#)

The above link was provided to the City by the engineering consultant firm performing the remapping work, CDM Smith Inc.

The FEMA map amendment process includes an appeal period. However, the appeal requires engineering data to substantiate a map revision. Property owners indicating that their property has not experienced flooding in the past, is insufficient to justify an appeal. Since the new maps are based on new topographic LIDAR, hydrology, and river hydraulics, including a complete computer HEC RAS model of water surface elevations, providing engineering support for a map appeal is an extreme challenge.

A copy of a drafted letter to residents notifying them of the pending flood plain map revisions is attached, along with a list of properties with effected primary structures. Please note that the list is for effected primary structures only, and does not include sheds, outbuildings, and unimproved areas of existing parcels. It should also be noted that FEMA does not require municipalities to contact or notify residents directly of proposed map revisions.

A draft letter to residents notifying them of the FEMA map revisions is attached. Letters are provided for both property owners that appear to have structure included (revised into the floodplain), and property owners that appear to have structure removed (revised out of the floodplain). The Board should be aware of the following:

1. Letters are for property owners with effected structures only. The list of effected properties impacted by the FEMA map revisions is much larger. THIS is for structures only.
2. DPW analysis is based on preliminary maps, additional or fewer structures may be impacted once the maps are finalized additional review is performed.
3. The letters are a notice to property owners. Property owners shall confirm information independently.
4. Revisions to FEMA flood plain maps do not impact actual flooding. Not all properties that experience flooding are within a FEMA defined flood plain, and map revisions removing properties that have a history of flooding from the FEMA flood map does not eliminate flooding.

Please feel free to contact me with any questions or concerns at 860-584-6113.

October 12, 2023

FEMA Flood Mapping Revisions:

Dear Property Owner,

The City has been notified that the Flood Mapping administered by the Federal Emergency Management Agency (FEMA) is in the process of being updated. The flood plain maps are prepared by FEMA. The City has reviewed the preliminary maps and based on the review it appears the FEMA maps MAY indicate that the structure (house) on your property may be no located within the newly delineated flood zone depicted on the preliminary FEMA map. You are advised to verify the information on the FEMA website so you may properly plan for the potential change.

The link to the mapping is: <https://www.fema.gov/flood-maps/national-flood-hazard-layer> Once on that link: Follow these steps.

- 1) Click under **Pending Flood Hazard Data:** [View your community's preliminary flood hazard data.](#)
- 2) Allow the map to fully load
- 3) Navigate on the map to the Farmington River Watershed block area in Connecticut (this area includes Bristol), shown in violet
- 4) Allow the map to fully load.
- 4) Zoom to Bristol and pick the area where your property is located.

Once again, the maps are not prepared by the City of Bristol, they are FEMA maps. However, the City wanted to advise you of the proposed flood plan maps so you are aware of the potential changes and impact to your property.

In information on the mapping please feel free to contact the Bristol Department of Public Works at 860-584-6125 or the contacts below:

Katelyn T. Henry, GISP, CFM
GIS Specialist V
CDM Smith, a member of Compass PTS JV
11500 Northlake Dr. Suite 305, Cincinnati, OH 45249
513-716-6465
cdmsmith.com henrykt@cdmsmith.com

For general FEMA mapping and LOMC questions contact FEMA's Mapping and Insurance exchange(FMIX): 1-877-FEMA MAP (1-877-336-2627) or email a Map Specialist at:
FEMAMapSpecialist@riskmapcds.com

October 12, 2023

FEMA Flood Mapping Revisions:

Dear Property Owner,

The City has been notified that the Flood Mapping administered by the Federal Emergency Management Agency (FEMA) is in the process of being updated. The flood plain maps are prepared by FEMA. The City has reviewed the preliminary maps, and based on the review, it appears the FEMA maps MAY indicate that the structure (house) on your property may no longer be within a delineated flood zone depicted on the preliminary FEMA map. You are advised to verify the information on the FEMA website so you may properly plan for the potential change.

The link to the mapping is: <https://www.fema.gov/flood-maps/national-flood-hazard-layer> Once on that link: Follow these steps.

- 1) Click under **Pending Flood Hazard Data:** [View your community's preliminary flood hazard data.](#)
- 2) Allow the map to fully load
- 3) Navigate on the map to the Farmington River Watershed block area in Connecticut (this area includes Bristol), shown in violet
- 4) Allow the map to fully load.
- 4) Zoom to Bristol and pick the area where your property is located.

Once again, the maps are not prepared by the City of Bristol, they are FEMA maps. However, the City wanted to advise you of the proposed flood plan maps so you are aware of the potential changes and impact to your property.

The City also advises you that although FEMA has revised their mapping, there has been **NO** change in field conditions that substantially decrease the potential for flooding.

In information on the mapping please feel free to contact the Bristol Department of Public Works at 860-584-6125 or the contacts below:

Katelyn T. Henry, GISP, CFM
GIS Specialist V
CDM Smith, a member of Compass PTS JV
11500 Northlake Dr. Suite 305, Cincinnati, OH 45249
513-716-6465
cdmsmith.com henrykt@cdmsmith.com

For general FEMA mapping and LOMC questions contact FEMA's Mapping and Insurance exchange (FMIX): 1-877-FEMA MAP (1-877-336-2627) or email a Map Specialist at: FEMAMapSpecialist@riskmapcds.com

				A MAP CHANGE
Building Type	LOCATION	MAILING ADDRESS	OWNER NAME	1=ADDED -1=REMOVED
Principal Structure	10 DUNCAN ST		GHIGLIA ANDREA + LYNN	IN TO A
Principal Structure	104 VINE RD		ZETTERVALL KYLE P	IN TO A
Principal Structure	111 UNION ST		ONE REALTY LLC	IN TO A
Principal Structure	111 UNION ST		ONE REALTY LLC	IN TO A
Principal Structure	1145 BURLINGTON AVE		DELFINO WILLIAM + DELFINO KAREN +DELFINO	IN TO A
Principal Structure	115 MOUNTAIN VIEW AVE		GENUARIO ROBERT LOUIS JR	IN TO A
Principal Structure	115 REDWOOD DR		LEWICKI JASON R + DOUCETTE KATELIN M	IN TO A
Principal Structure	115 VINE RD		HORAN GERALDINE D	IN TO A
Principal Structure	120 SHEFFIELD LA		STAFFORD SCOTT D + JENNIFER M	IN TO A
Principal Structure	121 MOUNTAIN VIEW AVE		TEDD NANCY A	IN TO A
Principal Structure	123 VINE RD		BOZZUTO PHILIP + VOISINE CASEY	IN TO A
Principal Structure	130 SHEFFIELD LA		LEE EDWARD D JR + BARBARA R TRUSTEES	IN TO A
Principal Structure	138 SHEFFIELD LA		GUERARD DENNIS + DALE	IN TO A
Principal Structure	141 BETHS AVE		VERNON PROPERTY LLC	IN TO A
Principal Structure	149 BETHS AVE		MITCHELL SCOTT A	IN TO A
Principal Structure	15 CIRCLE ST		CENTRAL STREET APARTMENTS LLC	IN TO A
Principal Structure	15 UNION ST		DEPAROLIS FRANK	IN TO A
Principal Structure	151 SHEFFIELD LA		FORTIN JACQUELINE	IN TO A
Principal Structure	152 SHEFFIELD LA		HARRINGTON FREDERICK J + LINDA M	IN TO A
Principal Structure	159 SHEFFIELD LA		MCCARTHY MICHAEL J + DAWN M	IN TO A
Principal Structure	162 SHEFFIELD LA		FORK FOUR PROPERTIES LLC	IN TO A
Principal Structure	176 ASHLEY RD		KALUZNY TADEUSZ J + DONNA	IN TO A
Principal Structure	183 SHEFFIELD LA		LAVOIE HERMAS J JR	IN TO A
Principal Structure	184 PERKINS ST		DEANGELO SCOTT M + SHERYL A SURV	IN TO A
Principal Structure	188 ASHLEY RD		RYAN JOHN P	IN TO A
Principal Structure	195 CENTRAL ST		195-201 CENTRAL STREET LLC	IN TO A
Principal Structure	199 ASHLEY RD		FITZGERALD FREDERICK M + KATHLEEN A	IN TO A
Principal Structure	200 ASHLEY RD		HAUER ARMIN + KARIN	IN TO A
Principal Structure	210 ASHLEY RD		BEAUDET LORI A	IN TO A
Principal Structure	216 CENTRAL ST		CENTRAL STREET APARTMENTS LLC	IN TO A
Principal Structure	219 CENTRAL ST		CENTRAL BRISTOL PROPERTIES LLC	IN TO A
Principal Structure	23 TROUT BROOK DR		LEVINE LAURA J BARONE + LEVINE RICHARD H	IN TO A
Principal Structure	269 BIRCH ST		JENNINGS LECIUS R + JENNINGS SANDRA A	IN TO A
Principal Structure	27 UNION ST		DEPAROLIS FRANK	IN TO A
Principal Structure	277 BIRCH ST		DELL'AERA DAVID + JERRICA	IN TO A
Principal Structure	28 KATHERN ST		DOYON STEPHEN L + DIANE B	IN TO A
Principal Structure	28 TROUT BROOK DR		TOEWS DONALD + PELLETIER JAY	IN TO A
Principal Structure	286 SHRUB RD		PHILLIPS SEAN	IN TO A
Principal Structure	29 ARLENE DR		SCHMELDER JAMES R	IN TO A
Principal Structure	29 BURTON ST		CIQUERA MATTHEW J	IN TO A
Principal Structure	321 STONECREST DR		SHERIDEN WOODS LANDLORD LLC	IN TO A
Principal Structure	334 WEST WASHINGTON ST		BOUCHER BARBARA A	IN TO A
Principal Structure	36 CARPENTER AVE		RAJPUT BURHAM + IRUM SAIMA	IN TO A
Principal Structure	36 LOUISIANA AVE		GRACE BAPTIST CHURCH	IN TO A
Principal Structure	37 RICH LA		GONZALEZ VICTOR	IN TO A
Principal Structure	38 GEORGE ST		KENNEDY WILLIAM F JR	IN TO A
Principal Structure	380 KING ST		DB HOMES LLC	IN TO A
Principal Structure	39 TROUT BROOK DR		MULDOON JOHN J	IN TO A
Principal Structure	40 SENECA RD		STOCKMAN SHARON B	IN TO A
Principal Structure	43 ARLENE DR		MACDONALD DATHAN + SARAH + BOWDEN KE	IN TO A
Principal Structure	44 GEORGE ST		44 GEORGE STREET LLC	IN TO A
Principal Structure	454 MAPLE AVE		ALIBOZAK EVELYN	IN TO A
Principal Structure	462 MAPLE AVE		FLAHERTY JOSEPH T JR + JENNIFER L	IN TO A
Principal Structure	470 KING ST		GAFFNEY CASEY	IN TO A
Principal Structure	5 ARLENE DR		FISCHER GALE JUDITH	IN TO A
Principal Structure	50 GEORGE ST		DELL'AERA JONATHAN	IN TO A
Principal Structure	50 LOUISIANA AVE		SEQUENZIA CONCETTA G	IN TO A
Condominium	506 KING ST			IN TO A
Principal Structure	56 GEORGE ST		HALLE RITA A	IN TO A
Principal Structure	56 LOUISIANA AVE		ACEVEDO ANGELO L + MELBA M	IN TO A
Principal Structure	611 NORTH MAIN ST		G LAVIERO REALTY LLC	IN TO A
Principal Structure	62 LOUISIANA AVE		MALDONADO RAMON	IN TO A
Principal Structure	63 HOLT PL		FREDERICKS TIMOTHY M	IN TO A
Principal Structure	63 RICH LA		WARNAT BRIAN THOMAS + MARLA BETH	IN TO A
Principal Structure	69 HOLT PL		SOUCY PETER L	IN TO A
Principal Structure	7 SPARK AVE		SAUCIER ROLAND A + SHERRI L SURV	IN TO A
Principal Structure	71 MOUNTAIN VIEW AVE		SWIECINSKI ADAM + BEATA E +	IN TO A
Principal Structure	71 RICH LA		ABUCEWICZ DANIELLE COLOSIMO + ABUCEWIC	IN TO A
Principal Structure	74 GEORGE ST		CAMMARIERE ANTHONY	IN TO A
Principal Structure	77 MOUNTAIN VIEW AVE		LAGASSIE MICHAEL B + LINDA	IN TO A
Principal Structure	84 ELIZABETH RD		BARTOLABA KRISTINE	IN TO A
Principal Structure	880 BURLINGTON AVE		LOWE JAMES	IN TO A
Principal Structure	90 SOUTH ST		YARDE REALTY CO	IN TO A
Principal Structure	91 REDWOOD DR		SABATINO DAVID JOHN THOMAS	IN TO A
Principal Structure	99 REDWOOD DR			IN TO A
Principal Structure	BETHS AVE			IN TO A

Principal Structure	BETHS AVE		IN TO A
Structure - not in Bristol	MINES RD		IN TO A
Principal Structure	1 DIVINITY ST	HEARTHSTONE HOLDINGS LLC	IN TO AE
Principal Structure	100 ANDREWS ST	MASTROPIERO JOHN	IN TO AE
Principal Structure	106 ANDREWS ST	SANTOS LUIS ARTURO LOPEZ	IN TO AE
Principal Structure	106 CANDY LA	ROSHON RICHARD	IN TO AE
Principal Structure	107 CANDY LA	STUART WILLIAM G + RITA M	IN TO AE
Principal Structure	11 REVERE DR	SUTULA CONSTANCE R	IN TO AE
Principal Structure	110 CENTRAL ST	STEVE F LAVOIE AND DIANE J LAVOIE-PELLETIER	IN TO AE
Principal Structure	116 CENTRAL ST	STEVE F LAVOIE AND DIANE J LAVOIE-PELLETIER	IN TO AE
Principal Structure	118 ANDREWS ST	GARGAS RYSZARD +MARGERITA O	IN TO AE
Principal Structure	125 CENTRAL ST	VITRANO FAMILY LLC	IN TO AE
Principal Structure	126 FALLS BROOK RD	LEMERE MARY A	IN TO AE
Principal Structure	13 DIVINITY ST	O'DONNELL DEBORAH	IN TO AE
Principal Structure	135 MAPLE AVE	RYERSON DANIELLE	IN TO AE
Principal Structure	141 WEST ST	SOUTH SIDE REALTY LLC	IN TO AE
Principal Structure	149 WEST ST	SOUTH SIDE REALTY LLC	IN TO AE
Principal Structure	15 REVERE DR	SUTULA DANIEL P	IN TO AE
Principal Structure	15 TROUT BROOK DR	TROUT BROOK PROPERTY LLC	IN TO AE
Principal Structure	15 WILLOW BROOK RD	GALIPO DOREEN + CASTONGUAY SUSAN	IN TO AE
Principal Structure	155 STEVENS ST	BENGTSON JANICE	IN TO AE
Principal Structure	17 EDROW RD	MCINTYRE GAIL HULTEN	IN TO AE
Principal Structure	173 BROAD ST	BROAD STREET CHAPULIS LLC	IN TO AE
Principal Structure	187 WEST WASHINGTON ST	GERBER ANNETTE + MAZEROLLE JEFFREY JR	IN TO AE
Principal Structure	188 TERRYVILLE AVE	DIPIETRO DANA	IN TO AE
Principal Structure	189 WEST ST	191 WEST STREET LLC	IN TO AE
Principal Structure	192 TERRYVILLE AVE	MUTE RICHARD E	IN TO AE
Principal Structure	198 TERRYVILLE AVE	MUTE RICHARD E	IN TO AE
Principal Structure	199 TERRYVILLE AVE	TURNER JAMES + LORI	IN TO AE
Principal Structure	2 PARK ST	STATE OF CONNECTICUT, DEPT OF TRANSPORT	IN TO AE
Principal Structure	205 WEST WASHINGTON ST	PAULINO TINA A + JEFFREY J	IN TO AE
Principal Structure	23 TROUT BROOK DR	LEVINE LAURA J BARONE + LEVINE RICHARD H	IN TO AE
Principal Structure	23 WILLOW BROOK RD	MUNAFO LAURA	IN TO AE
Principal Structure	24 REVERE DR	SALIH SAMER E	IN TO AE
Principal Structure	25 MIDDLE ST	25, 27 & 45 MIDDLE STREET LLC	IN TO AE
Principal Structure	25 REVERE DR	NYERICK JOAN S	IN TO AE
Principal Structure	259 LOUISIANA AVE	PKON PROPERTIES LLC	IN TO AE
Principal Structure	26 MUZZY ST	USALA JOAN	IN TO AE
Principal Structure	26 RICHARD CT	BARTLEY DAVID + AMANDA	IN TO AE
Principal Structure	267 LOUISIANA AVE	BHAGALOO RAMCHAND	IN TO AE
Principal Structure	269 WEST WASHINGTON ST	COROLLA PROPERTIES LLC	IN TO AE
Principal Structure	281 WEST WASHINGTON ST	SHIELDS PATRICIA + STEVEN	IN TO AE
Principal Structure	29 RICHARD CT	KALLBERG CAROL Y	IN TO AE
Principal Structure	290 LOUISIANA AVE	ROYS WILBUR J + CATHERINE M	IN TO AE
Principal Structure	291 WEST WASHINGTON ST	PLONSKI FLORENCE J	IN TO AE
Principal Structure	30 NEW ST	SALLSTROM PATRICIA B	IN TO AE
Principal Structure	301 WEST WASHINGTON ST	NAGRABSKI DAVID J	IN TO AE
Principal Structure	31 REVERE DR	NYERICK JOAN S	IN TO AE
Principal Structure	31 WILLOW BROOK RD	GRAB PHYLLIS C	IN TO AE
Principal Structure	320 SHRUB RD	ROY ROGER K	IN TO AE
Principal Structure	332 SHRUB RD	MORYTKO ERIN L	IN TO AE
Principal Structure	34 JAMES ST	RODRIGUEZ DAVID M	IN TO AE
Principal Structure	342 SHRUB RD	SAWE KARIN	IN TO AE
Principal Structure	345 MIX ST	CITY OF BRISTOL	IN TO AE
Principal Structure	35 REVERE DR	SUTULA DANIEL P	IN TO AE
Principal Structure	352 SHRUB RD	LAMARRE KYLE	IN TO AE
Principal Structure	36 JAMES ST	SKINDARAS JULIUS	IN TO AE
Principal Structure	36 RICHARD CT	REBISZ JERZY + WIOLETA	IN TO AE
Principal Structure	36 WILLOW BROOK RD	DESCHAINED PHILIP A + LINDA M	IN TO AE
Principal Structure	362 SHRUB RD	SIROIS MARY ANN	IN TO AE
Principal Structure	37 BROAD ST	CEBALLOS JOHN + SANCHEZ MARGARITA	IN TO AE
Principal Structure	397 MIX ST	GRANT JOSIE M	IN TO AE
Mobile Home	40 MATTHEWS ST		IN TO AE
Mobile Home	40 PRESTON ST	TJR REALTY LLC	IN TO AE
Principal Structure	405 MIX ST	MELANSON DANIEL J +	IN TO AE
Principal Structure	41 REVERE DR	NYERICK JOAN S	IN TO AE
Principal Structure	41 RICHARD CT	TOURVILLE LAUREL M	IN TO AE
Principal Structure	41 WILLOW BROOK RD	COAN THERESA C	IN TO AE
Principal Structure	417 MIX ST	MACRI NUNZIO + GISELDA	IN TO AE
Principal Structure	418 JEROME AVE	ANGERS GERARD R	IN TO AE
Principal Structure	43 WINDING BROOK RD	OUELLETTE SHERYL L + JOEL D	IN TO AE
Principal Structure	430 JEROME AVE	MAZREK RICHARD ADAM	IN TO AE
Principal Structure	434 JEROME AVE	BUCKLEY FARMS LLC	IN TO AE
Principal Structure	435 MIX ST	LAVIGNE WILLIAM E	IN TO AE
Principal Structure	436 BROAD ST	A&R LLC	IN TO AE
Principal Structure	444 JEROME AVE	DOWNS DIANA	IN TO AE
Principal Structure	445 MIX ST	MUEHLFELD CHRISTOPHER M	IN TO AE
Principal Structure	45 MIDDLE ST	25, 27 & 45 MIDDLE STREET LLC	IN TO AE
Principal Structure	452 BROAD ST	GAMBLE NICHOLAS E	IN TO AE
Principal Structure	455 MIX ST	KOZUCH HENRY	IN TO AE

Principal Structure	46 PRESTON ST	DGG DEVELOPMENT LLC	IN TO AE
Principal Structure	46 RICHARD CT	HARVEY BEATA + MATTHEW J	IN TO AE
Principal Structure	46 WILLOW BROOK RD	BURKE MYLIN + STEVEN	IN TO AE
Principal Structure	475 BROOK ST	MAGISANO GEOFFREY J + FOURNIER ALISSA	IN TO AE
Mobile Home	482 BROAD ST		IN TO AE
Mobile Home	482 BROAD ST		IN TO AE
Mobile Home	482 BROAD ST		IN TO AE
Mobile Home	482 BROAD ST		IN TO AE
Principal Structure	49 PRESTON ST	SWANSON BRYAN W + RITA D	IN TO AE
Principal Structure	49 WILLOW BROOK RD	PIPER LINDA L	IN TO AE
Principal Structure	51 RICHARD CT	MERRIFIELD THOMAS H + JOYCE A	IN TO AE
Principal Structure	52 PRESTON ST	DONOVAN MARC + SULLIVAN MEGAN	IN TO AE
Principal Structure	55 WINDING BROOK RD	HANG HAN H + HIEN H	IN TO AE
Principal Structure	550 BROAD ST	550 BROAD LLC	IN TO AE
Principal Structure	550 BROAD ST	550 BROAD LLC	IN TO AE
Principal Structure	56 NEW ST	GAITY JANET	IN TO AE
Principal Structure	57 PRESTON ST	MARCANO JOANNE	IN TO AE
Principal Structure	57 WILLOW BROOK RD	EWINGS ROBERT B + MELISSA	IN TO AE
Principal Structure	58 PRESTON ST	DGG ENTERPRISES LLC	IN TO AE
Principal Structure	60 RICHARD CT	LAPLANTE ZACHARY C + WIELAND KATIE L	IN TO AE
Principal Structure	64 MATTHEWS ST	IVY DRIVE LLC	IN TO AE
Principal Structure	64 PRESTON ST	INGHAM CARLENA	IN TO AE
Principal Structure	67 WINDING BROOK RD	NOGUEIRA THAYLON SILVA	IN TO AE
Principal Structure	71 RICHARD CT	MAKULA JOSHUA + JENNIFER C	IN TO AE
Principal Structure	72 PRESTON ST	JARAMILLO JOHN + ROSA M	IN TO AE
Principal Structure	72 RICHARD CT	POMERLEAU PATRICIA O'BRIEN	IN TO AE
Principal Structure	74 BARBARA RD	GATES ROBERT	IN TO AE
Principal Structure	75 MISSAL AVE	GRUBY WILLIAM RICHARD + SOPHIE	IN TO AE
Principal Structure	76 JOHN AVE	KEO CHOR + CHHLEAT	IN TO AE
Principal Structure	8 LOCHAVEN RD	MARTINELLI LINDA S	IN TO AE
Principal Structure	823 FARMINGTON AVE	AYARI LLC	IN TO AE
Principal Structure	839 FARMINGTON AVE	LAMONICOS RESTAURANT INC ET AL	IN TO AE
Principal Structure	84 ANDREWS ST	CARRIER CONSTRUCTION INC	IN TO AE
Principal Structure	889 FARMINGTON AVE	889 FARMINGTON APARTMENTS CORP	IN TO AE
Principal Structure	893 FARMINGTON AVE	RIVERS PLAZA LLC	IN TO AE
Principal Structure	9 DIVINITY ST	BLUE CASCADES LLC	IN TO AE
Principal Structure	900 JEROME AVE	CURYLO DANIEL D + ROBIN	IN TO AE
Principal Structure	91 BARNES ST	FERRO DENISE	IN TO AE
Principal Structure	92 MISSAL AVE	PATTERSON LEONARD FRANK + PATTERSON NC	IN TO AE
Principal Structure	94 CANDY LA	CABAN ELBANELLIE	IN TO AE
Principal Structure	97 CANDY LA	PELLETIER ANNA M	IN TO AE
Principal Structure	99 ANDREWS ST	ARNSON DANIEL	IN TO AE

Building Type	LOCATION	MAILING ADDRESS	OWNER NAME	AO MAP CHANGE
Principal Structure	100 NORTH ST		WINDSOR BEST CLEANERS LLC	OUT OF AO
Principal Structure	106 NORTH ST		REDDY GROUP LLC	OUT OF AO
Principal Structure	430 NORTH MAIN ST		NORTHSIDE SQUARE LLC	OUT OF AO
Principal Structure	430 NORTH MAIN ST		NORTHSIDE SQUARE LLC	OUT OF AO
Principal Structure	81 NORTH ST		LINCOLN & DAMATO LLC	OUT OF AO
Principal Structure	109 NORTH POND ST		AKERLEY JILL G	OUT OF A
Principal Structure	111 NORTH POND ST		BEST CORNELIUS	OUT OF A
Principal Structure	115 NORTH POND ST		CASTROGIOVANNI SALVADOR + SUSAN	OUT OF A
Principal Structure	154 CHURCH ST		154 CHURCH ST LLC	OUT OF A
Principal Structure	40 WEST ST		BRISTOL REAL ESTATE LLC	OUT OF A
Condominium	45-57 SOUTH ST			OUT OF A
Principal Structure	463 WOLCOTT RD		HARRY C BARNES MEMORIAL NATURAL	OUT OF A
Principal Structure	47 UPSON ST		FAMILY CENTER INCORPORATED THE	OUT OF A
Principal Structure	7 UPSON ST		UPSON BRISTOL LLC	OUT OF A
Principal Structure	79 NORTH POND ST		ATLANTIC REALTY LLC	OUT OF A
Principal Structure	83 NORTH POND ST		DOUCETTE LAURETTE J + ARMAND W	OUT OF A
Principal Structure	87 NORTH POND ST		GRANT JOSHUA ELIJAH	OUT OF A
Principal Structure	9 BEECH ST		RIOUX ROGER P	OUT OF A
Principal Structure	91 NORTH POND ST		THAXTER JAMES L +	OUT OF A
Principal Structure	95 NORTH POND ST		BACHAND CHRISTOPHER E	OUT OF A
Principal Structure	CRESCENT DR EXT			OUT OF A
Principal Structure	10 GRACE AVE		NAUSS TED G	OUT OF AE
Principal Structure	10 MARINE CT		KOZIKOWSKI JOSEPH J + ROSE W	OUT OF AE
Principal Structure	100 ARTISAN ST		MORIN DEBORAH S	OUT OF AE
Principal Structure	103 ARTISAN ST		PRESTON CASSANDRA +	OUT OF AE
Principal Structure	103 MAPLE AVE		DELTA REALTY CORP	OUT OF AE
Principal Structure	103 VANTANA DR		RATHKE JAMES K + SANDRA J	OUT OF AE
Principal Structure	105 LYNN RD		CARENZO LAWRENCE J + SHEILA A	OUT OF AE
Principal Structure	110 ARTISAN ST		MOODY PATRICIA S	OUT OF AE
Principal Structure	113 LYNN RD		MAGYAR GERALDINE R	OUT OF AE
Principal Structure	115 PINE ST		65 BURRITT STREET LLC	OUT OF AE
Principal Structure	115 SCHOOL ST		SBK LLC	OUT OF AE
Principal Structure	115 VANTANA DR		LAVOIE NORMAN F	OUT OF AE
Principal Structure	116 RIVERSIDE AVE		SFS PROPERTIES LLC	OUT OF AE
Principal Structure	120 TERRYVILLE RD		RABR LLC	OUT OF AE
Principal Structure	121 TERRYVILLE RD		LETOURNEAU CARMEN	OUT OF AE
Principal Structure	122 SCHOOL ST		LOPIANO MAURO	OUT OF AE
Principal Structure	124 WEST ST		THERIAULT FERNANDO	OUT OF AE
Principal Structure	124 WEST ST		THERIAULT FERNANDO	OUT OF AE
Principal Structure	127 LYNN RD		LACOUTURE ROBERT + JACKIE	OUT OF AE
Principal Structure	130 SCHOOL ST		LOPIANO MAURO + MARIE	OUT OF AE
Principal Structure	132 RIVERSIDE AVE		LISACO LLC	OUT OF AE
Principal Structure	137 SCHOOL ST		BOTTONE ANDREW + SEBASTIAN ADAM	OUT OF AE
Principal Structure	137 SCHOOL ST		BOTTONE ANDREW + SEBASTIAN ADAM	OUT OF AE
Principal Structure	137 TERRYVILLE RD		D B S ASSOCIATES LLC	OUT OF AE
Principal Structure	138 WEST ST		GRAND SARGENT LLC	OUT OF AE
Principal Structure	138 WEST ST		GRAND SARGENT LLC	OUT OF AE
Principal Structure	141 LYNN RD		TOMASI MARY C	OUT OF AE
Principal Structure	146 LAUREL ST		GRAND MANOR HOLDINGS LLC	OUT OF AE
Principal Structure	146 LAUREL ST		GRAND MANOR HOLDINGS LLC	OUT OF AE
Principal Structure	147 SCHOOL ST		RAMOS JOSE A	OUT OF AE
Principal Structure	147 TERRYVILLE RD		147 TERRYVILLE ROAD LLC	OUT OF AE
Principal Structure	148 WEST ST		148 WEST STREET LLC	OUT OF AE
Principal Structure	15 MUZZY ST		CITY OF BRISTOL	OUT OF AE
Principal Structure	15 MUZZY ST		CITY OF BRISTOL	OUT OF AE
Principal Structure	15 MUZZY ST		CITY OF BRISTOL	OUT OF AE
Principal Structure	15 VANTANA DR		DESANTIS ROBERT K + CHERYL	OUT OF AE
Principal Structure	150 TERRYVILLE RD		COLLISION DEPOT LLC	OUT OF AE
Principal Structure	156 FREDERICK ST		COUTURE CHRISTOPHER B + MELISSA	OUT OF AE
Principal Structure	158 TERRYVILLE RD		COLLISION DEPOT LLC	OUT OF AE
Principal Structure	162 BROOK ST		RANCOURT RAMONA L	OUT OF AE
Principal Structure	163 and 165 SCHOOL ST			OUT OF AE
Principal Structure	163 BROOK ST		WOJTECZKO BEATO	OUT OF AE
Principal Structure	164 CENTRAL ST REAR			OUT OF AE
Principal Structure	165 TERRYVILLE RD		CASSIDY HOLDINGS LLC	OUT OF AE
Principal Structure	170 RIVERSIDE AVE		BRISTOL THAI LLC	OUT OF AE
Principal Structure	171 LAUREL ST		PHILIP C FERRARO FAMILY LLC	OUT OF AE
Principal Structure	171 SCHOOL ST		HEARTHSTONE HOLDINGS LLC	OUT OF AE
Principal Structure	173 BROOK ST		GAYLE ADOLPHUS A	OUT OF AE
Principal Structure	180 RIVERSIDE AVE		ESHAA LLC	OUT OF AE
Principal Structure	185 FREDERICK ST		CRESTWOOD MEADOWS LLC	OUT OF AE
Principal Structure	19 MARINE CT		MELANSON SABRINA	OUT OF AE
Principal Structure	195 JACOBS ST		SANCHEZ MARLENE	OUT OF AE
Principal Structure	200 RIVERSIDE AVE		COLGATE DESIGN CORP	OUT OF AE
Principal Structure	201 TERRYVILLE RD		BLUE MOON REALTY LLC	OUT OF AE

Principal Structure	201 TERRYVILLE RD	BLUE MOON REALTY LLC	OUT OF AE
Principal Structure	203 JACOBS ST	SMOLENSKI JOHN	OUT OF AE
Principal Structure	215 FREDERICK ST	AD AUTO LLC	OUT OF AE
Principal Structure	223 BROAD ST	223 BROAD STREET LLC	OUT OF AE
Principal Structure	225 TERRYVILLE RD	LUDBAR INC	OUT OF AE
Principal Structure	23 MARINE CT	ALBERT STEVE H + ELLISH ELISA ESTE	OUT OF AE
Principal Structure	230 TERRYVILLE RD	LUDBAR INC	OUT OF AE
Principal Structure	234 RIVERSIDE AVE	RENEW RIVERSIDE LLC	OUT OF AE
Principal Structure	235 JACOBS ST	GRAHAM GARRETT + GRAHAM HEAT	OUT OF AE
Principal Structure	24 MARINE CT	PAZIK ARKADIUSZ	OUT OF AE
Principal Structure	24 MATTHEWS ST	MADDEN BRIAN	OUT OF AE
Principal Structure	24 ORCHARD ST	ALZATE CARLOS	OUT OF AE
Principal Structure	249 TERRYVILLE RD	JWD PROPERTY DEVELOPMENT LLC	OUT OF AE
Condominium	25 WASHINGTON ST		OUT OF AE
Principal Structure	258 MORNINGSIDE DR WEST	MALONE HALEY + BRITT LAMAR	OUT OF AE
Principal Structure	26 BARNES ST	HOLIDAY DAN C + LISE SURV	OUT OF AE
Principal Structure	26 BUCKBOARD LA	REDMAN JANET B + EDWARD A CO-T	OUT OF AE
Principal Structure	264 BROOK ST	GESNER ANDREW P	OUT OF AE
Principal Structure	266 MORNINGSIDE DR WEST	YATES BRITTANY	OUT OF AE
Principal Structure	27 WATERBURY RD	PEPIN ALLAN K ESTATE OF	OUT OF AE
Principal Structure	270 BROOK ST	BRODERICK TIMOTHY + BOROWY AN	OUT OF AE
Principal Structure	274 MORNINGSIDE DR WEST	BROWN JOHN H + NANCY B	OUT OF AE
Principal Structure	276 BROOK ST	BAISCH GREGORY + MICHELLE R	OUT OF AE
Principal Structure	282 BROOK ST	DELLAMARGGIO MARIO	OUT OF AE
Principal Structure	288 BROOK ST	GARCIA HECTOR FLORES	OUT OF AE
Principal Structure	291 TERRYVILLE RD	SAGE MARGARET R + CHAPPELL FRAN	OUT OF AE
Principal Structure	298 SHRUB RD	PELLETIER JASON	OUT OF AE
Principal Structure	30 ORCHARD ST	GRICE GEORGINA A	OUT OF AE
Principal Structure	30 ROOT AVE	LAVAN THOMAS N + MELISSA E	OUT OF AE
Principal Structure	31 CHURCH AVE	FVC LLC	OUT OF AE
Principal Structure	31 LYNN RD	PAULETTE MATTHEW C	OUT OF AE
Principal Structure	32 ORCHARD ST	DUBOWSKY PROPERTY MANAGEMEN	OUT OF AE
Principal Structure	323 BROOK ST	QUINTO JOHN	OUT OF AE
Principal Structure	325 BROOK ST	FISH JAMES	OUT OF AE
Principal Structure	333 BROOK ST	SWICKLAS JAMES D + CAROL D	OUT OF AE
Principal Structure	350 RIVERSIDE AVE	CES PROPERTIES LLC	OUT OF AE
Principal Structure	351 STAFFORD AVE	WOOD ANDREW	OUT OF AE
Principal Structure	36 BUCKBOARD LA	RUSSO MICHAEL	OUT OF AE
Principal Structure	36 ORCHARD ST	JONES NICOLAS JR	OUT OF AE
Principal Structure	360 RIVERSIDE AVE	BAILLARGEON DAVID	OUT OF AE
Principal Structure	365 TERRYVILLE RD	SIRKO PAUL J	OUT OF AE
Principal Structure	37 COLLINS RD	CYR AMANDA	OUT OF AE
Principal Structure	37 EDROW RD	DESIMONE JULIE A	OUT OF AE
Principal Structure	370 RIVERSIDE AVE	PLONSKI GARY J	OUT OF AE
Principal Structure	382 STAFFORD AVE	HIRX DAVID M +	OUT OF AE
Principal Structure	390 STAFFORD AVE	MCMURRY TINA L R	OUT OF AE
Mobile Home	40 MATTHEWS ST		OUT OF AE
Mobile Home	40 MATTHEWS ST		OUT OF AE
Mobile Home	40 MATTHEWS ST		OUT OF AE
Mobile Home	40 MATTHEWS ST		OUT OF AE
Mobile Home	40 MATTHEWS ST		OUT OF AE
Mobile Home	40 MATTHEWS ST		OUT OF AE
Mobile Home	40 MATTHEWS ST		OUT OF AE
Mobile Home	40 MATTHEWS ST		OUT OF AE
Principal Structure	40 ORCHARD ST	EBG HOLDINGS 1 LLC	OUT OF AE
Principal Structure	40 ROOT AVE	BUDNICK JOHN +	OUT OF AE
Principal Structure	40 VANTANA DR	MOORE MICHAEL W +	OUT OF AE
Principal Structure	400 RIVERSIDE AVE	FOUR STAR REALTY III LLC	OUT OF AE
Principal Structure	414 BROAD ST	TD BANKNORTH, NATIONAL ASSOCIA	OUT OF AE
Principal Structure	417 BROAD ST	NUGRA JOSE	OUT OF AE
Principal Structure	42 HARDWICK RD	BRIGLIA DANIEL V	OUT OF AE
Principal Structure	43 COLLINS RD	COE RONALD V + LOWWANZA O	OUT OF AE
Principal Structure	43 TWINING ST	JJR REALTY LLC	OUT OF AE
Principal Structure	450 RIVERSIDE AVE	MC ENTERPRISES LLC	OUT OF AE
Principal Structure	46 ORCHARD ST	CARRIER CONSTRUCTION INC	OUT OF AE
Principal Structure	46 WATERBURY RD	PEPIN ALLAN K ESTATE OF	OUT OF AE
Mobile Home	482 BROAD ST		OUT OF AE
Mobile Home	482 BROAD ST		OUT OF AE
Mobile Home	482 BROAD ST		OUT OF AE
Mobile Home	482 BROAD ST		OUT OF AE
Principal Structure	49 COLLINS RD	SPAULDING RANDY P + CAROL A	OUT OF AE
Principal Structure	50 VANTANA DR	COLANGELO STEPHANIE F	OUT OF AE
Principal Structure	51 HARDWICK RD	YOPP STEPHEN M + TARYN A	OUT OF AE
Principal Structure	512 BROAD ST	THAMMAVONGSA LAMPHONG + BOI	OUT OF AE
Principal Structure	520 BROAD ST	CARRERO FELICIANO ANA I +	OUT OF AE
Principal Structure	524 BROAD ST	HAIG DORIS J	OUT OF AE

Principal Structure	534 BROAD ST	534 BROAD STREET LLC	OUT OF AE
Principal Structure	56 MUZZY ST	SCHUR DEBRA A	OUT OF AE
Principal Structure	561 NORTH MAIN ST	WMR REALTY LLC	OUT OF AE
Principal Structure	562 NORTH MAIN ST	ZBIKOWSKI,CAPT EDWARD P POST #2	OUT OF AE
Principal Structure	57 COLLINS RD	CUMMINGS CHARLES A JR	OUT OF AE
Principal Structure	572 BROOK ST	BCT-832 LLC	OUT OF AE
Principal Structure	58 BUCKBOARD LA	FINN JAMES H + DIANE	OUT OF AE
Principal Structure	58 VANTANA DR	MARTIN KEVIN D	OUT OF AE
Condominium	59 WEST WASHINGTON ST		OUT OF AE
Principal Structure	6 ORCHARD ST	6-14 ORCHARD STREET LLC	OUT OF AE
Principal Structure	6 ORCHARD ST	6-14 ORCHARD STREET LLC	OUT OF AE
Principal Structure	6 RICHARD CT	HARRIS REBECCA C	OUT OF AE
Principal Structure	62 MUZZY ST	FINN MARTIN O + CHRISTA	OUT OF AE
Principal Structure	64 CURTISS AVE	CASASANTA LINDA H +	OUT OF AE
Mobile Home	66 EMMETT ST		OUT OF AE
Principal Structure	67 BROOK ST	FLAT 6 REALTY LLC	OUT OF AE
Principal Structure	67 EDROW RD	HOULE GARY M	OUT OF AE
Principal Structure	67 WATERBURY RD	PEPIN ALLAN K ESTATE OF	OUT OF AE
Principal Structure	68 VANTANA DR	ROULEAU MARK P + CHRISTINE	OUT OF AE
Principal Structure	71 WATERBURY RD	PHILIP C FERRARO FAMILY LLC	OUT OF AE
Principal Structure	75 STAFFORD AVE	WOJACK CHERYL L	OUT OF AE
Principal Structure	75 VANTANA DR	COLLIN JEFFREY	OUT OF AE
Principal Structure	76 VANTANA DR	ACAMPORA SALVATORE JR	OUT OF AE
Principal Structure	77 MEADOWBROOK DR	JORDAN NANCY A	OUT OF AE
Principal Structure	79 EDROW RD	MARIN DAVID M + ERIN T	OUT OF AE
Principal Structure	81 NORTH ST	LINCOLN & DAMATO LLC	OUT OF AE
Principal Structure	83 VANTANA DR	BEAULIEU BRIAN O	OUT OF AE
Principal Structure	85 TWINING ST	PALAIA DAVID	OUT OF AE
Principal Structure	87 BEL AIR DR	LEVANDOSKI PATRICIA L	OUT OF AE
Principal Structure	88 VANTANA DR	ISRAEL STEVEN WILLIAM	OUT OF AE
Principal Structure	888 FARMINGTON AVE	TORRINGTON SAVINGS BANK	OUT OF AE
Principal Structure	89 STAFFORD AVE	BRISTOL GROCERY LLC	OUT OF AE
Principal Structure	89 STAFFORD AVE	BRISTOL GROCERY LLC	OUT OF AE
Principal Structure	91 VANTANA DR	THIBODEAU ARIANNA	OUT OF AE
Principal Structure	92 EDROW RD	CALLAHAN CHRISTOPHER D + DARLEI	OUT OF AE
Principal Structure	93 ARTISAN ST	CADRAIN SHARON A	OUT OF AE
Principal Structure	939 JEROME AVE	GONZALES LOUISA LYNN	OUT OF AE
Principal Structure	95 GRACE AVE	ZISK WILLIAM G AND MARY E	OUT OF AE
Principal Structure	96 BARNES ST	ROMANIELLO ALAN C + CHERYL C	OUT OF AE
Principal Structure	97 LYNN RD	DOUGLAS ANN L	OUT OF AE
Principal Structure	99 GRACE AVE	CORRIVEAU ADAM	OUT OF AE
Mobile Home	ANDREWS ST		OUT OF AE
Mobile Home	ANDREWS ST		OUT OF AE
Mobile Home	ANDREWS ST		OUT OF AE
Mobile Home	ANDREWS ST		OUT OF AE
Mobile Home	ANDREWS ST		OUT OF AE
Mobile Home	ANDREWS ST		OUT OF AE
Mobile Home	ANDREWS ST		OUT OF AE
Principal Structure	JACOBS ST		OUT OF AE
Principal Structure	JACOBS ST		OUT OF AE
Principal Structure	RIVERSIDE AVE	PO BOX 270 HARTFOR	YANKEE GAS SERVICES COMPANY OUT OF AE



BRISTOL POLICE DEPARTMENT

131 North Main Street
Bristol, CT. 06010

September 22, 2023

Dear Mayor Caggiano and Board of Public Works Members,

At the Regular Board of Police Commissioners Meeting held on September 20, 2023, the following motion was unanimously passed:

"REFER TO THE BOARD OF PUBLIC WORKS THE PETITION FOR SPEED BUMPS ON RIDGE ROAD AND MAKE A RECOMMENDATION AND REFER BACK TO THE POLICE DEPARTMENT".

Sincerely,

A handwritten signature in black ink, appearing to read "B. Gould", is written over the word "Sincerely,".

Brian Gould
Interim Chief of Police



Department of Public Works | 860.584.6125

MEMORANDUM

DATE: October 5, 2023

TO: Mayor Jeffrey Caggiano
Board of Public Works

FROM: Raymond A. Rogozinski, P.E., Director of Public Works

RE: **DPW ASSET MANAGEMENT**

A BPW review committee consisting of: Council Member Cheryl Thibeault; BPW Commissioner Frank Stawski; City Engineer Nancy Levesque; Fleet Superintendent James DiVirgilio; and myself, interviewed and reviewed potential asset management software providers for DPW. David Oakes, Facility Manager, was not available to participate in the interviews, however, he did review the proposals and provide a recommendation.

Based on the Committee's review, Brightly Software, Inc. was selected as the Department's Asset Management software provider. DPW's asset management implementation plan was scheduled to start with DPW Facilities, followed by Streets and Vehicle assets. The fee for most asset management providers is based on the number of assets. For example, the proposed fee of the other asset management providers, such as Beehive (\$58,500), Innovee (\$103,420), and OpenGov/Cartograph (\$148,380.00) were for facilities only. Brightly's fee of \$54,385 is based on population of the City/community, and includes asset management software for all of DPW's assets (Facilities, Streets, Storm Water, Fleet, Bridges, Sidewalks, and Trees). As a result, DPW will be proceeding with implementing asset management for all of DPW's assets immediately, starting with facilities, roadway pavement, bridges, culverts, and fleet/vehicles. In addition to the initial fee, Brightly's asset management yearly charge is \$49,756/year (year 2 cost after initial implementation).

The implementation of asset management is dependent of the availability of data. Therefore, due to the lack of a rating/evaluation system for sidewalks, curbs, trees, and storm drainage, asset management for these assets will be phased in over the next 3-4 years.

The implementation of a DPW asset management system is critical to improving the Department and will increase DPW's ability to track and monitor City assets. The asset management software will serve as a customer work order notification system, auto-generate work orders to schedule preventive maintenance, function as central file system (containing maintenance history, manuals

and training videos), manage parts inventory, monitor repair expenses, and calculate asset life cycle cost.

A Brightly Software Inc., representative is scheduled to virtually attend the Board's October 19, 2023 meeting to provide a brief overview of Brightly's asset management software. Please feel free to contact me with any questions or concerns at 860-584-6113.



Department of Public Works | 860.584.6125

MEMORANDUM

DATE: October 5, 2023

TO: Raymond Rogozinski P.E., Public Works Director

FROM: David Oakes, Public Works Facilities & Energy Manager

RE: 2023 SustainableCT Certification – Silver Level

On September 29th, the City of Bristol was notified by SustainableCT staff that the City has achieved Silver Level Certification, maintain our standing at that level originally obtained in 2020. Our goal for 2023 was to maintain Silver, but also to also pursue the newly established Gold Level Certification.

Silver Level Certified Municipalities must complete at least 500 total points for various sustainable actions in the program and successfully apply 3 Equity Toolkits to those approved actions.

Gold Level requires 750 total points, 4 Equity Toolkits, adopting a municipal Equity Statement, collaborate with other municipalities on a sustainable action and achieve 150 points in actions classified under the Climate Leadership Designation.

The City of Bristol achieved the following 2023 requirements in pursuit of Gold Level Certification:

- 720 Total Points (in 35 of 74 total possible categories)
- 4 Equity Toolkits (Community Resilience Building, Beautify Bristol Campaign, Kern Park Redevelopment and Youth Led Sustainability Projects)
- Pigeon Hill Preserve Open Space with the Town of Burlington
- 130 Points in Climate Leadership Designation actions

Based on SustainableCT staff review of submitted action, the City has direction to focus on areas that did not meet the program requirements, which we will be focusing on and improving. We intend to close this gap for the early spring 2024 application submission in our drive toward Gold Level. A large component of achieving this goal is adoption of a city-wide Equity Statement and I will be working with the Mayor's Office and the Diversity Council to start this discussion. Although we did submit the Bristol Board of Education Equity Policy, it did not meet the strict standards of the SustainableCT requirements. Also, I will be discussing several actions with SustainableCT that we did not meet receive credit as the actions were completed several years ago and exceed the look-back period of 3 years (for example: LED street light conversions totaling 25 points). We also could not receive 10 points for completion of a Complete Streets project as the West Street Bristol Boys & Girls Club roadway modifications were not completed prior to the submission date of August 15th. Finally, our work to manage non-mandated recyclables did not earn points under the Climate Leadership Designation, while state mandated municipal solid waste annual reporting was honored. I will be lobbying our case to SustainableCT in the coming months, as they soliciting feedback on the first round of Gold Level Certification and how improvements and modifications can be made to their program requirements.

City of Bristol
Public Work Department
111 North Main Street
Bristol, CT 06010
www.bristolct.gov



Department of Public Works | 860.584.6125

Overall, I am pleased that the City maintained the Silver Level Certification in the SustainableCT program. The City of Bristol was a charter member of the program, achieving Bronze Level Certification in the first year of the program in 2018. However, the City is on the right track to secure Gold in the near future. The efforts and actions reflected in our portfolio reflect work completed by all City Departments, not only Public Works. Assistant Superintendent Sarah Larson was crucial in completing 2 Equity Toolkits and other initiatives during this application cycle and I look forward to working with Bristol Parks, Recreation, Youth & Community Services on many other actions which are beneficial to the Bristol community.

I have reached out and thanked all City Departments, local non-profits, neighborhood associations, community groups and others that have added to our impressive work on sustainability in Bristol. Through that past year I have made many new connections and networked with various Committees, Boards and Community Organizations to document their work, but also participate in their meetings to better serve these members of the community and provide our City services to assist meet their needs. I do feel as though I have not meet our goal, but I am bolstered by the relationships and outreach Public Works has established to provide higher levels of service to the Residents and Community Organizations that rely on our Department. My disappointment in coming up just short of Gold Certification is bittersweet, but I am elated that we have made inroads to listen and provide feedback to the greater Bristol Community.

Finally, only one municipality in Connecticut achieved Gold Level in 2023 that being the City of New Haven, which has a dedicated Office of Climate & Sustainability. The City of Bristol just missed the mark, however we were able to nearly accomplish the task with existing City staff members going above and beyond to pull the load while still performing and completing their normal day-to-day duties. I am at saddened to put in so much effort and come up short and at the same time motivated and determined to get the City to the next level in 2024.

I again thank all members of City Staff and Community Members of Bristol that have contributed in this process. Ultimately, we are doing positive work in the City and improving conditions for the Residents and future generations of Bristol, which is more important than any level of certification.

It appears there is a “silver lining” to Silver Level Certification overall!

Thank you for your time and support.



Department of Public Works | 860.584.6125

MEMORANDUM

DATE: October 11, 2023

TO: Mayor Jeffrey Caggiano
Board of Public Works

FROM: Raymond A. Rogozinski, P.E., Director of Public Works

RE: DPW CITY FLOODING – STORM ON JULY 16, 2023

The Department of Public Works continues to repair damage and upgrade City drainage systems identified during this summer's (2023) storm events. An updated report outlining DPW's action and current status of the areas of repair/flood mitigation measures is attached.

As the Board is aware, the City experienced flooding in several areas in the City this summer due to short duration high intensity storms, such as 5.2 inches on July 16, 2023, and 3.2 inches on August 4, 2023. Both storms lasted less than 4 hours in duration, and constitute a storm event defined as over a 100-year storm. As the Board of Public Works is aware, a 100-year storm does not mean that it will only occur once every 100 years, rather it means that there is a 1 percent chance that Connecticut will experience 7.98 inches of rain during a 24-hour period EACH year. Likewise, a 50-year storm equates to a 2 percent chance each year, and a 25-year & 10-year storm equates to a 4% & 10% chance, respectively, EACH year.

Flooding associated with these types of intense storm events experienced in the City this summer overwhelms the drainage inlet capacity of City catch basins and the capacity of undersized pipes, resulting in runoff from City roads entering private property. The DPW is actively working to address potential flooding or repair damage at the following locations:

LOCATION	Flooding/ Repair
74 Peck Lane	Runoff from City Road/Erosion of private property
Park St Culvert	Blocked private culvert
36 Dino Road	Runoff from City Road
87 Collins Road	Roadway runoff onto private property at driveway
114 Blakeslee St	Deteriorated Private Culvert
Divinity St. Culvert	Undersized Culvert – erosion
James St Culvert	Damaged private culvert

317 Fern Hill Road	Roadway runoff onto private property at driveway
90 Field St	Runoff/Erosion – Private Property
72 South St Ext	Runoff from City Street – Erosion
Field St Culvert	Undersized culvert
Rich Lane	Flooding from private stream/river
King St – Bristol Eastern High School Entrance	Runoff from State highway
87 O’Sullivan Drive	Roadway runoff onto private property at driveway

DPW has addressed repairs/flooding in the following areas and these areas will not be included in future report updates:

Area of Repair/ Flooding - Location
Memorial Blvd. Retaining Wall
68 Litchfield Lane
302 Candlewood Drive
48 Lawson Street
35 Bentley Road
215 Rockwell Ave.
22 Tuttle Street
220 Sonstrom Road
465 Redstone Road
109 Marlene Street

Flooding associated with long duration, high rainfall storm events continue to be a concern to the City. However, they are not the subject of the attached report. Long duration, high rain fall events within the Pequabuck River and Coppermine Brook watershed have a high potential to cause flooding along Frederick St, East Main St, Mix St, Farmington Ave, and Louisiana Ave. Although not included in the attached report, they will be included in river analysis as part of the recently awarded resiliency grant from the State of Connecticut. In addition, DPW will inspect the river for blockages and remove sediment from beneath bridges.

The summary of major areas of concern is provided below and detailed within the report:

1. Sharon Street: Flooding in the area of Sharon Street due to storm water backing up from undersized storm drainage in CT Route 69 (Burlington Ave). DPW has diverted approximately 20% of the drainage area away from Sharon St to reduce the runoff, and installed a catch basin adjacent to Burlington Ave. to provide a potential outlet of storm water. In addition, the City will be contacting the State requesting improvements to their drainage system. However, the existing drainage system may meet CTDOT design standards and will require improvement to Maple End (Route 6/Maple End/rail road tracks).
2. 24 Jeffrey Road: A City storm drain which is an inlet to drain the rear yards of 24 Jeffrey and adjacent properties is blocked with large stones. The stones cannot be removed, therefore, DPW is scheduled to replace approximately 90 LF of storm drainage piping.
3. 120 Perkins Street: There is severe erosion of a stream located on the property of 120 Perkins St. City storm drainage discharges to the stream. Although the City has not increased runoff into the stream, the sediment from the stream erosion poses downstream concerns. As a result, DPW is scheduled to install approx. 170 LF of 36 IN diameter pipe within the stream channel. Environmental permits and easement required.
4. 96 Marlene Street: The stream channel upgrade of a City culvert is severely eroding the channel. The area is within a City easement requiring City repairs. DPW is currently evaluating options which may include the installation of large (3 ft. x 3 ft. x 6 ft. concrete blocks). Environmental permits required.



Department of Public Works | 860.584.6125

Please feel free to contact me with any questions or concerns at 860-584-6113.

Summary

Flooding of July 16th 2023



Prepared By:
Bristol Department of Public Works – Engineering Division
William R. Stango, EIT

July 27, 2023
Updated August 9, 2023

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Overview

On July 16, 2023 The City of Bristol experienced a high intensity rain storm within a relatively short period of time (approximately 5.2 inches of rain in less than 2 hrs). **The City experience a similar storm, although less intense (approximately 4 inches in less than 2 hours) on August 4, 2023.** The storms caused localized flooding and property damage throughout the City. This report is a summary of the current flooding and drainage issues that have been brought to the attention of the Public Works Department.

Flooding is a function of the quantity (number of inches of rain) and the intensity / rate of rainfall. For example, a storm with short-duration and high-intensity results in flooding of localized areas where the City drainage did not have sufficient capacity to receive or convey storm flows. In contrast, a storm with a long-duration results in flooding around major rivers such as the Pequabuck River and Coppermine Brook exceeding their capacity which result in direct flooding and water backing up into The City's storm drainage system.

As engineers, often speak and describe storms in terms of year's frequency of an event. We refer to storms as 100, 50, 25 and 10 year storms, which in the State of Connecticut equates to 7.98, 7.05, 6.20, and 5.05 inches of rainfall. However, it is important to understand that storm event years equates to inches of rainfall over a 24-hour period. Since intensity of rainfall matters, we understand that high-intensity storms that occur in relatively short periods of time create more flooding than a 100-year storm defined as 7.98 inches of rainfall over a 24-hour period.

It is also important to understand what a 100, 50, 25 and 10 year storm actually means. A 100-year storm does not mean that it will only occur once every 100 years, rather it means that there is a 1 percent chance that Connecticut will experience 7.98 inches of rain during a 24-hour period EACH year. Likewise, a 50-year storm equates to a 2 percent chance each year, and a 25- & 10-year storm equates to a 4 & 10 percent chance respectively EACH year.

In accordance with City Ordinance 21-119, roadway storm drainage is sized for a 25-year storm event. A number of The City's existing drainage systems predate the ordinance and are much smaller. The DOT design drainage manual requires State storm drainage systems to be designed for 10-year storms with culverts sized for a 50- & 100-year storms depending on the size of the drainage area.

The Board of Public Works has initiated a comprehensive review of City's Street Ordinance including a review of current City design standards and storm drainage requirements. In addition, the City is currently updating City Zoning regulations which will also include a review of current storm drainage standards for private developments. FEMA has advised the City that current flood plain maps are being amended which may provide the City an opportunity to update City flood plain ordinances. Although, updating drainage and flood plain standards may improve long term conditions, new standards will not improve conditions in the short term.

Many residents incorrectly believe that the City owns all the rivers, streams and wetlands located in the city. Through the City's network of roads, drainage easements and property, we do own a portion of them. However, they are generally owned by private property owners as defined by the property description delineated in their deed. If there is a stream in the back yard of a property in Bristol, it is generally on private property and the responsibility of the property owner to maintain. In addition, work in areas of

streams and wetlands require a permit from the City's Inland Wetland Commission as designated by the CT DEEP.

When the DPW receives a drainage or flooding complaint, the standard procedure is to contact the property owner to obtain additional information, perform a field inspection, and review available mapping of the area. If the problem is associated with City storm drainage, our first step is to jet and clean the storm lines to ensure that the drainage system is operating as designed. If the problem persists, we video the storm drainage system to confirm there is no blockage and if there is a problem due to lack of catch basins on a road with existing storm drainage, we typically add catch basins or storm drainage piping. Resolving storm drainage issues becomes more problematic when there is either no existing storm drainage in the area, a drain pipe is undersized for a long length of roadway, or the receiving stream or waterbody has insufficient capacity to accept the City discharge during storm events. In these cases, formulating a capital project and obtaining BOF appropriation is required. Between procuring funding, developing a design, obtaining environmental permits and bidding, a capital project typically takes 2-3 years prior to the start of construction.

One of the most common storm drainage complaints in the City is roadway storm water entering private property from driveway aprons. The City standard is to have a 1.5-inch lip where the driveway meets the edge of the road. In order to prevent road runoff from entering the driveways, DPW often replaces driveway aprons to establish a lip.

A summary of the identified flooding areas which have occurred in the July storm is provided below. The summaries are a preliminary assessment and not listed in order of priority or severity. DPW is still receiving reports, therefore the list may not be complete and may be updated as additional information is obtained and additional engineering analysis is performed.

The City does experience periodic flooding. The last significant flooding occurred in July of 2021. This report contains components of information contained within the report associated with the July 2021 storm. When comparing these two storms we can see similarity and difference as to the streets that experienced flooding. Areas such as Frederick St, George Street, Divinity Street, and King Street flooded in both the July 2021 storm and the recent July 2023 storm. Areas such as Park Street, Blakeslee Street, and Jeffrey Road flooded in July 2023 but did not flood in July 2021. Likewise, areas such as Vine Road, Trout Brook Road, Brace Ave., Duncan Street, Carolina Road, Clark Ave., Balsam Road, Hardwick Road, Sheffield Road, Litchfield Road, Hopmeadow Road, Gregory Place, Broad Street, Middle Street, Royal Drive, Chippannee Lane, Stone Crest Drive, Glenn Street, Battle Street, Mix Street, and Jerome Ave. experienced flooding in July 2021 but not in July 2023.

Pequabuck River Stream Gage

One metric Engineers consider when analyzing the severity of a flood is the water level of streams and rivers within a given watershed. The graph below has been provided to show comparison of the Pequabuck River during the Flooding of July 2023 to average and historic levels. The levels presented in this graph were observed in Forestville, CT and are measured against an arbitrary datum. The water level relative to this arbitrary datum is referred to as the “Stage”. The current stage of the Pequabuck River measured on August 8, 2023 is 2.53’. This number can be used to approximate water levels during average conditions. The highest stage of the Pequabuck River was recorded during the flood of 1955 which measured 13.22’. On July 16, 2023 the stage of the Pequabuck River measured to be 8.99’. The water levels during this storm event are approximately 3.5 times higher than the current conditions and 0.68 times (almost 70%) as high as the Flood of 1955.

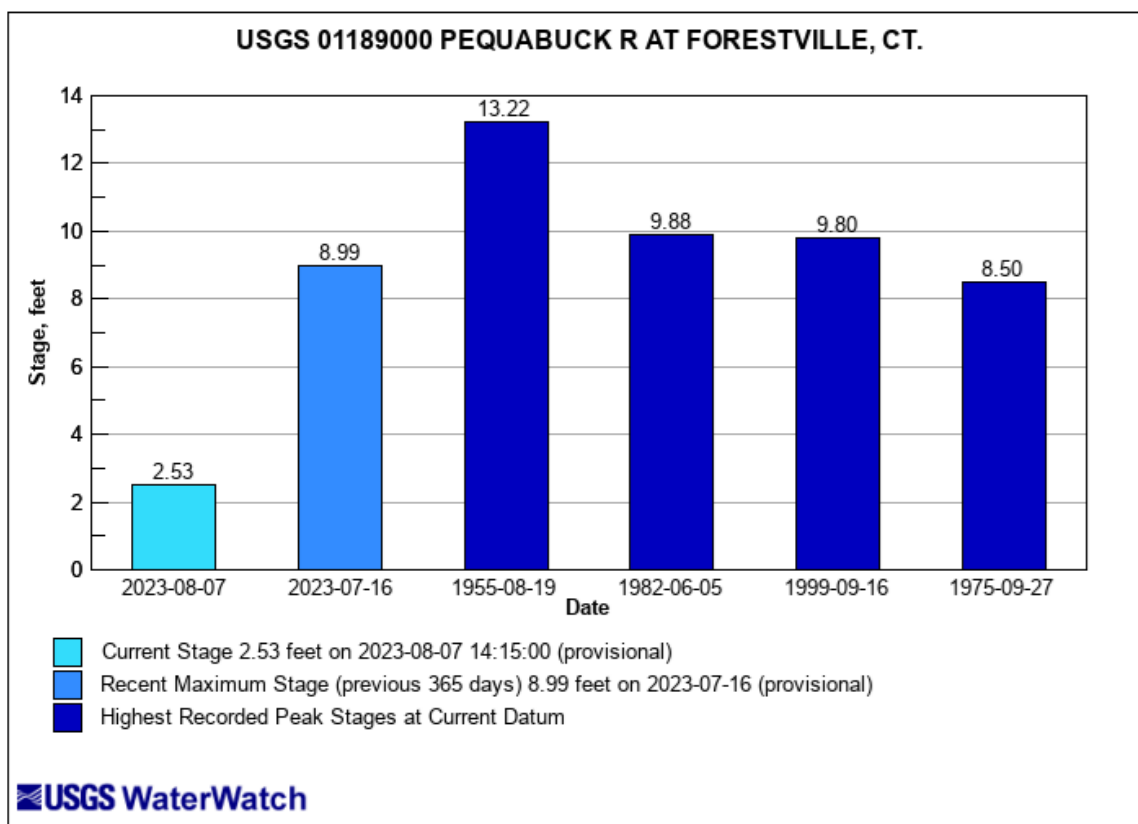


Figure 1: Stage of the Pequabuck River During Significant Storm Events

109 Marlene Street

Summary of Workorder:

High water levels and erosion of banks along Birge Pond Brook. Resident indicated that riprap along channel has washed away. While onsite the resident claimed that the slopes along the channel are hazardous and that something should be done.

Field Investigation:

The DPW investigated the claim and noted the following: An unnamed stream runs north to south along west side of 109 Marlene Street. Flows are facilitated under Marlene Street through an existing 72-inch CMP culvert. Each end of the culvert is embedded within a concrete headwall complete with flared wingwalls. The channel and culvert were both found to be located within a City owned easement. Due to thick overgrowth the Department was unable to determine the overall stability of the channel banks. The resident claims the channel armoring around the outlet had eroded away in years past.

Current Action:

The DPW crews have cleared overgrowth from the channel and performed a visual inspection of the existing channel slopes. Based on field inspections the drainage channel is stable, no additional work is proposed, and DPW will monitor conditions.

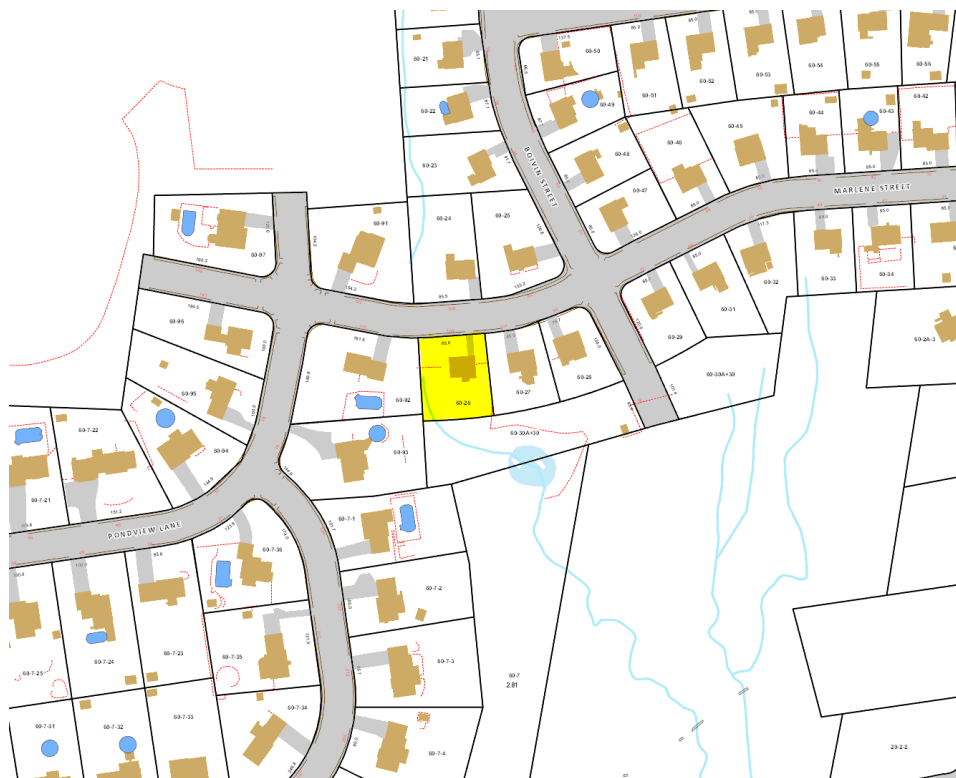


Figure 2: Location Map – 109 Marlene Street



Figure 3: Birge Pond Brook - Looking Downstream

96 Marlene Street

Summary of Workorder:

Water levels rose over the top of the channel bank causing flooding to several properties.

Field Investigation:

The DPW investigated the claim and noted the following: An unnamed stream runs north to south along west side of 96 Marlene Street. Flows are facilitated under Marlene Street though an existing 72-inch CMP culvert. Each end of the culvert is embedded within a concrete headwall complete with flared wingwalls. The channel and culvert were both found to be located within a City owned easement. During field investigation a large buildup of debris was found within the channel obstructing flows at the upstream end of the culvert. The inside of the culvert was also inspected and it appeared to be clear. While onsite the homeowner explained that due to the buildup of material headwater from the stream overtopped the channel banks and caused flooding around the property.

Current Action:

DPW crews cleared debris from the channel. The Department will continue to monitor the situation for any additional flooding.

Status Update:

During rain events following the storm of July 16, the channel adjacent to 96 Marlene Street has severely scoured along the east bank. High flood waters within the channel have washed out a large portion of the root system which stabilized the banks. The DPW is currently reviewing project alternatives; bank stabilization and installation of large modular block walls is being considered.

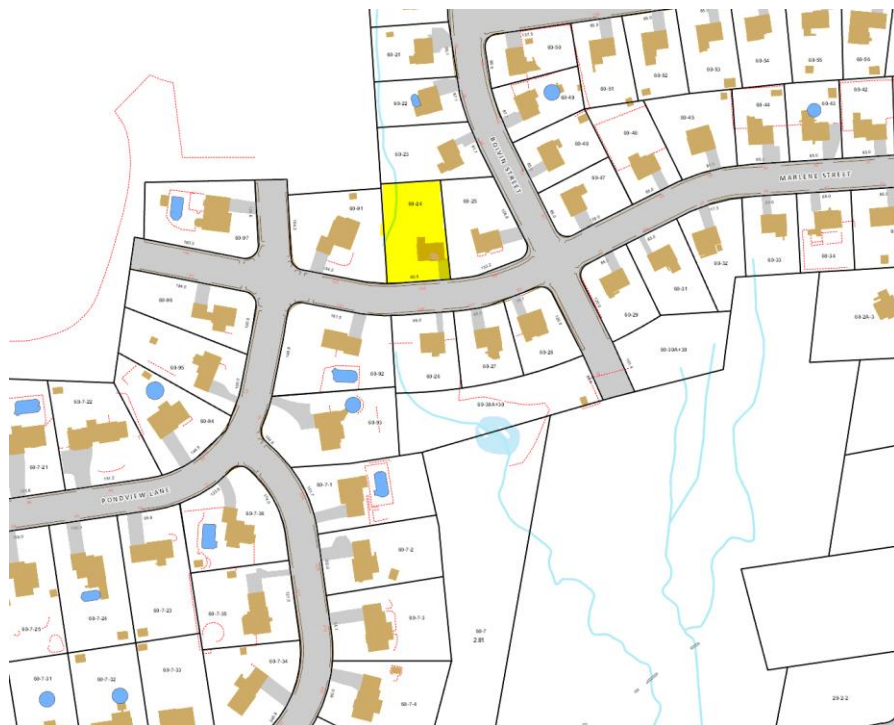


Figure 4: Location Map - 96 Marlene Street



Figure 5: Birge Pond Brook - Looking Downstream



Figure 6: East Bank Prior to Erosion



Figure 7: Current Condition of East Bank

136 Dino Road

Summary of Workorder:

The home owner of 136 Dino Road indicated that water from the roadway is coming over top of the driveway apron and causing flooding in the backyard. They believe that the basin at the top of the driveway is undersized and that it can't handle flows from the street.

Field Investigation:

The DPW investigated the claim and noted the following: The existing storm drain adjacent to the driveway of 136 Dino Road currently outlets to an unnamed stream located along the southern property line. The outfall was determined to be located entirely within a City owned easement. A manhole located within the easement was inspected and determined to be a sanitary style manhole with significant scouring along the troughs. In addition, a section of pipe at the outlet has become disconnected and is impeding flows. The property owner informed the Department that stormwater on the street backs up into the roadway and flows down the driveway into the yard. Upon inspection, the lip of the existing driveway apron appears to be less than standard height.

Current Action:

The DPW is scheduled to reconstruct the driveway apron in front of 136 Dino Road. The new apron will be constructed with a standard sized lip to help prevent stormwater from the street from overtopping the driveway. In addition, the Department will replace the existing sanitary style manhole and outfall pipe as shown in the figure below. The existing manhole will be replaced with a standard curbside catch basin to help collect flows within the yard and the outfall will be replaced with a standard flared end section.

Status Update:

Following the July 16th storm, DPW has constructed a new driveway apron with a standard sized lip to help channelize stormwater and prevent it from spilling onto private property. DPW also performed a study of the existing storm sewer system. This study included a visual inspection of all existing inverts, basins, manholes; and a videoed inspection of the existing piping from Cronin Street to the intersection of Lucien Road and Dino Road. During our inspection several basins were determined to be substandard and are in the process of being replaced. The new basins will have the capacity to catch significantly more runoff and should alleviate the amount of storm water that ponds around the basin at the bottom of the hill. From our video inspection, we found a separated joint in an existing storm lateral connecting to a single catch basin. Where the joint has separated and the section of pipe has settled several inches below the flow line. This length of pipe will also need to be replaced to prevent any sink holes from forming in the roadway. In addition to these improvements the existing sanitary style manhole and existing outfall are still scheduled to be replaced as initially proposed.

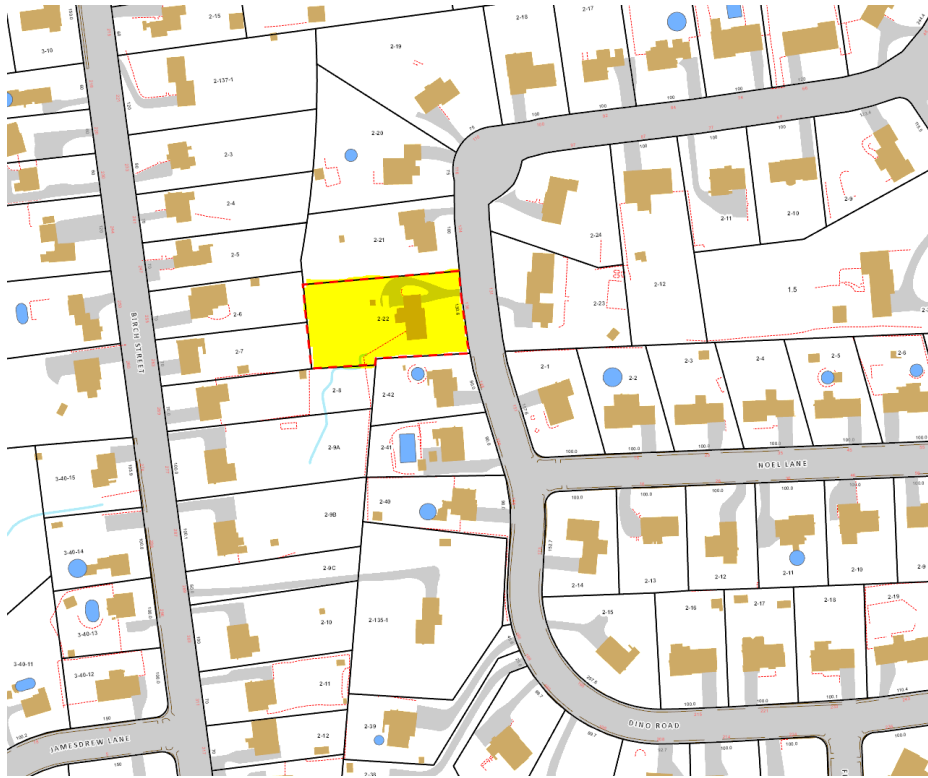


Figure 8: Location Map - 136 Dino Road



Figure 9: Proposed Drainage Improvements



Figure 10: Substandard Catch Basin To be Replaced



Figure 11: Substandard Catch Basin To Be Replaced

114 Blakeslee Street

Summary of Workorder:

High floodwaters have caused significant property damage to the homeowner of 114 Blakeslee Street and to several adjacent property owners. The homeowner stated that recent flooding has been substantially worse than anything he has seen in the past 25 years of living at this address.

Email From Property Owner:

"I have lived at 114 Blakeslee Street for over 25 years. Over the last few years, the flooding in my backyard has increased due to the overflow from surrounding areas being diverted into the brook adjacent to my home. The flooding from the recent storm on July 16, 2023 caused roughly \$2,500 in damage to equipment stored in my backyard shed.

I understand Huntington Woods is in the process of repairing the sink hole located in their parking lot. I don't believe they truly understand the severity of the tunnel's poor condition. I took a video from the entrance of the brook all the way to the discharge into the Pequabuck River and three quarters of the galvanized tunnel is in disrepair and needs to be replaced. I noticed in some sections, due to the weight above, the tunnel has now changed to an oval shape and you can see gravel on the bottom due to missing rubber coating and completely rusted out bottoms. Also, in a couple of sections, the tunnel connections are beginning to separate.

My biggest concern is if this tunnel should collapse during a heavy rainstorm and water is unable to pass through, the flooding from it would severely impact roughly 6-12 homes in the Blakeslee Street area leaving us with no emergency plan in place.

I have attached photos to validate my concerns and am available should you need to reach out for more information."

Field Investigation:

An unnamed stream flows adjacent to 114 Blakeslee Street and into a CMP culvert located on the north side of the Huntington Woods facility. A recent sinkhole on the Huntington Woods property brought to light that the existing culvert is failing. It's likely that the failing culvert is contributing to the high headwaters shown in Figure 13. The DPW has been in contact with the property manager at Huntington Wood and they are currently in the process of receiving quotes from private contractors to have sections of the existing culvert replaced. The DPW informed the residents in adjacent properties that flooding is likely caused by the failed culvert and that Huntington Woods is in the process of making repairs.

Current Action:

The existing culvert shown in *Figure 14* is located entirely on private property and will be the responsibility of the owner to replace. The owner is currently in the process of receiving quotes from private contractors to make repairs to the culvert. The DPW is in contact with the owner (Huntington Woods) regularly to get updates on the project.

Status Update

Following the July 16th storm, DPW has been in contact with the property manager and owner's representatives of the Huntington Woods Facility. After researching land records and as-built drawings it has been concluded that the existing culvert is located entirely on private property and will be the responsibility of the owner to replace. DPW met with the owner's representative on site to help explain

the type of failure we are seeing and to impress upon them the severity of the culverts condition. During this conversation, the owner's representative assured us that they are taking this matter very seriously and have approached several contractors and an engineer for a design of a new structure. Following this meeting the property owners upstream of the culvert were informed of the status of the replacement and were encouraged to continue documenting any future flooding and or damages.

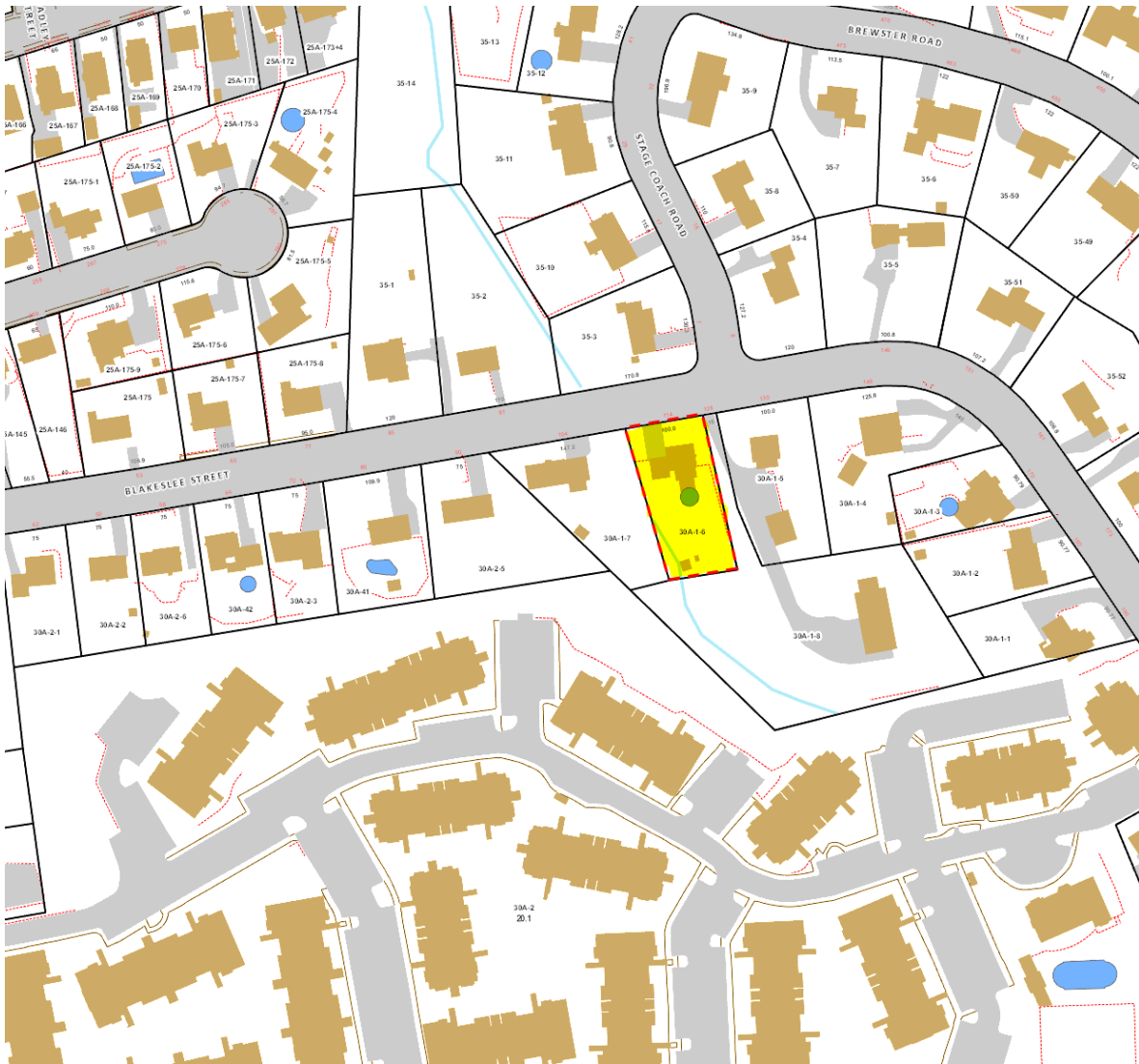


Figure: Location Map - 114 Blakeslee Street



Figure 12: Floodwaters at Blakeslee Street Culvert Located Upstream of Huntington Woods



Figure 13: Floodwaters at 114 Blakeslee Street



Figure 14: Downstream Culvert on Private Property



Figure 15: Sinkhole Located Overtop of Existing Culvert

72 South Street Extension

Summary of Workorder:

The homeowner of 72 South Street Ext. stated that insufficient drainage along the street has caused damage to the existing sidewalk, driveway, and retaining wall.

Email From Property Owner:

"I am writing in regards to improper water drainage on South St. Ext Bristol Connecticut. There is no water drainage coming down the hill of this road leading water right to the sidewalk, into my driveway, all the way down to my backyard creating several ditches as well as the cement wall and foundation of my garage to collapse. I have requested already the City to fix this problem and nothing has been done and this is now out of control. There are children and elderly living here. The City needs to fix this water system as well as the damages it caused my property. There are huge ditches in the sidewalk, there is a ditch in the side of the foundation of my house creating a stream every time it rains. This stream is coming down my driveway breaking the asphalt and causing the wall to collapse not only this but the foundation to the garage is also collapsing. This is an extreme hazard and a lawsuit on the City waiting to happen. I'm not sure if this needs to go to the news or not but something needs to be done ASAP"

Field Investigation:

The DPW has investigated the existing site conditions and claimed property damage. From visual inspection the Department believes stormwater from Melville Street and South Street Ext. is overtopping the sidewalk and flowing down the driveway at 72 South Street Extension.

Current Action:

The DPW is preparing a workorder with a private contractor to reconstruct the existing driveway apron, sidewalk, and curbing as shown in *Figure 17*. The homeowner has filed a claim for the property damage.

Status Update:

Following the July 16th storm, DPW hired a private contractor to reconstruct the sidewalk and curbing in front of 72 South Street Extension. The new curbing will have a standard 6-inch reveal and the elevation at the back of walk will be set 6-inches higher than the gutter line. Increasing the reveal of the curb and raising the elevation of the back of walk will help keep storm water channelized in the gutter and prevent it from spilling onto private property.

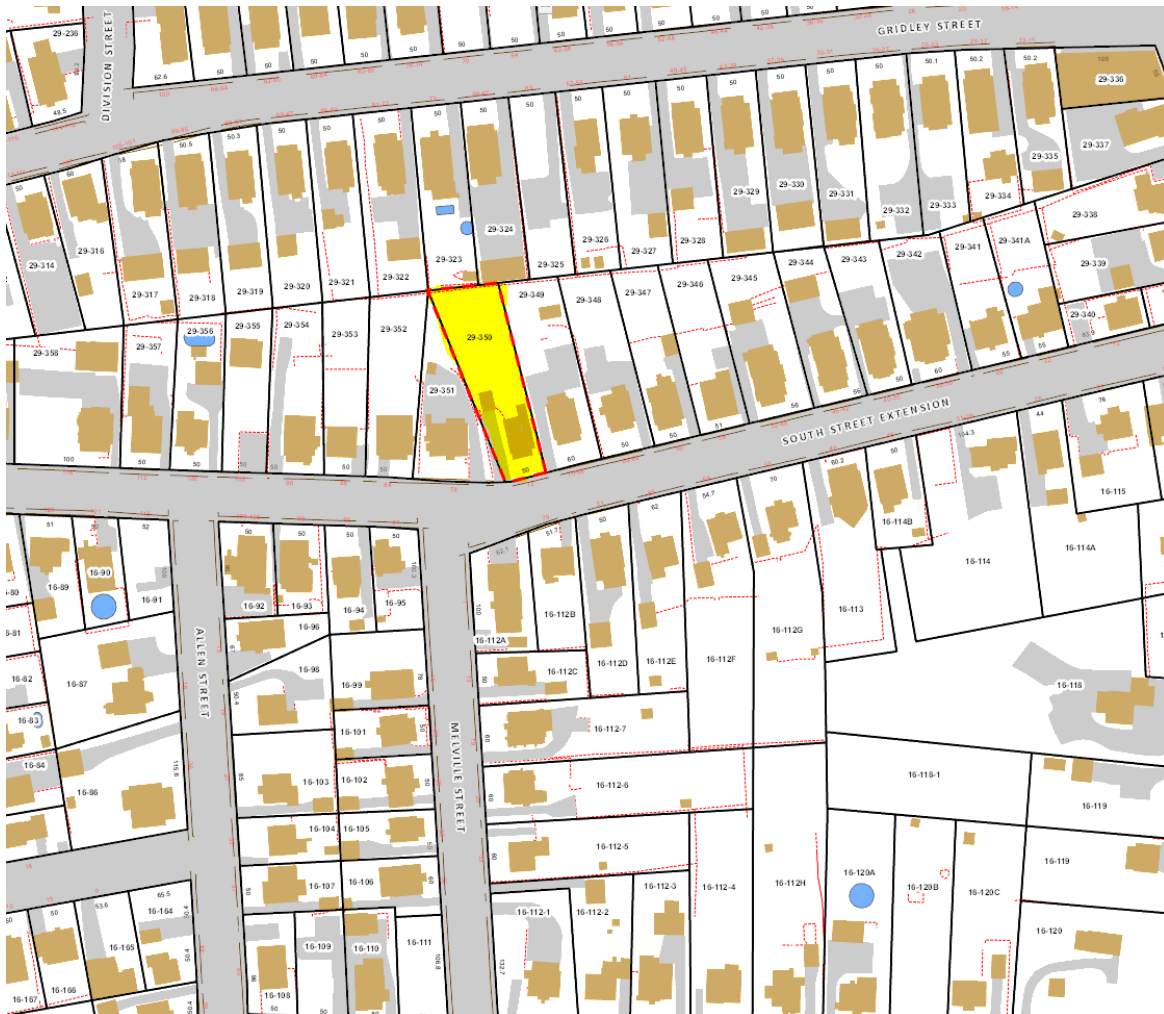


Figure 16: Location Map - South Street Extension



Figure 17: Driveway Apron Looking Toward Melville Street



Figure 18: Erosion Behind Existing Retaining Wall



Figure 19: Existing Conditions Before Reconstruction



Figure 20: Reconstruction of Sidewalk and Curbing

465 Redstone Hill

Summary of Workorder:

The homeowner of 465 Redstone Hill believes that an adjacent construction site has caused increased amounts of stormwater runoff to flow through her property.

Email From Property Owner:

"I fully understand that the amount of rain that we have experienced Sunday and today is exceptional. However, we have owned our home for 26 years and we have NEVER experienced this. These photos were just taken. I also sent a video to Cheryl. The first photo is proof once again that water is flowing through this area and is exposing the roots of my trees and pushing my rocks! The water is rushing across my property and into my neighbors newly renovated enclosed back porch. He had 8 inches of water on his patio on Sunday. Look at the color of the water, ITS FROM THE CONSTRUCTION SITE! Isn't the pond supposed to fix this problem? The last photo is where the trench begins closest to my house. The stake shows where it begins. The water is flowing over the straw bags that border the trench. Thank God these trenches were put in because MY HOUSE WOULD BE FLOODED, but they clearly are not enough. There is even ponding in my front yard. I am beyond frustrated. My insurance agent informed me yesterday that any property damage caused by this flooding most likely will not be covered. I have been documenting this journey with you since the first disaster last May. Where's the solution."

Field Investigation:

The DPW was on site and inspected the existing sediment and erosion control measures installed around the construction site which consisted of a 2-foot-wide drainage ditch lined with haybales.

Current Action:

The contractor working at the adjacent construction site has installed additional sedimentation and erosion control measures including a new drainage swale along the back side of 465 Redstone Hill. The existing swale was upgraded from a 2-foot-wide channel to a 6-foot-wide grass lined channel. The property owner has been notified and has informed the Department the swale seems to be operating as intended.

Status Update:

Following the reconstruction and improvements to the erosion control measures, there have been no new complaints regarding storm water runoff.

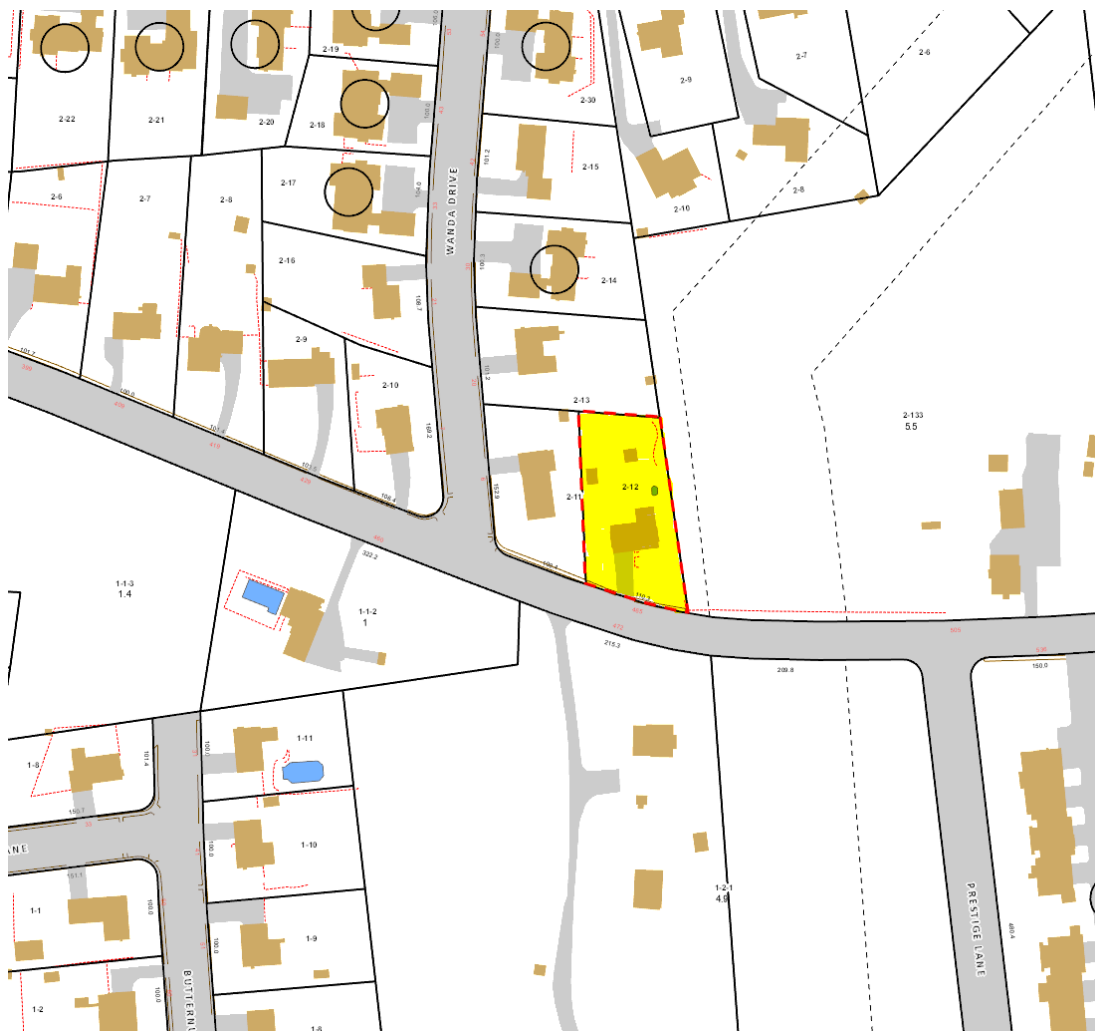


Figure 21: Location Map - 465 Redstone Hill Road

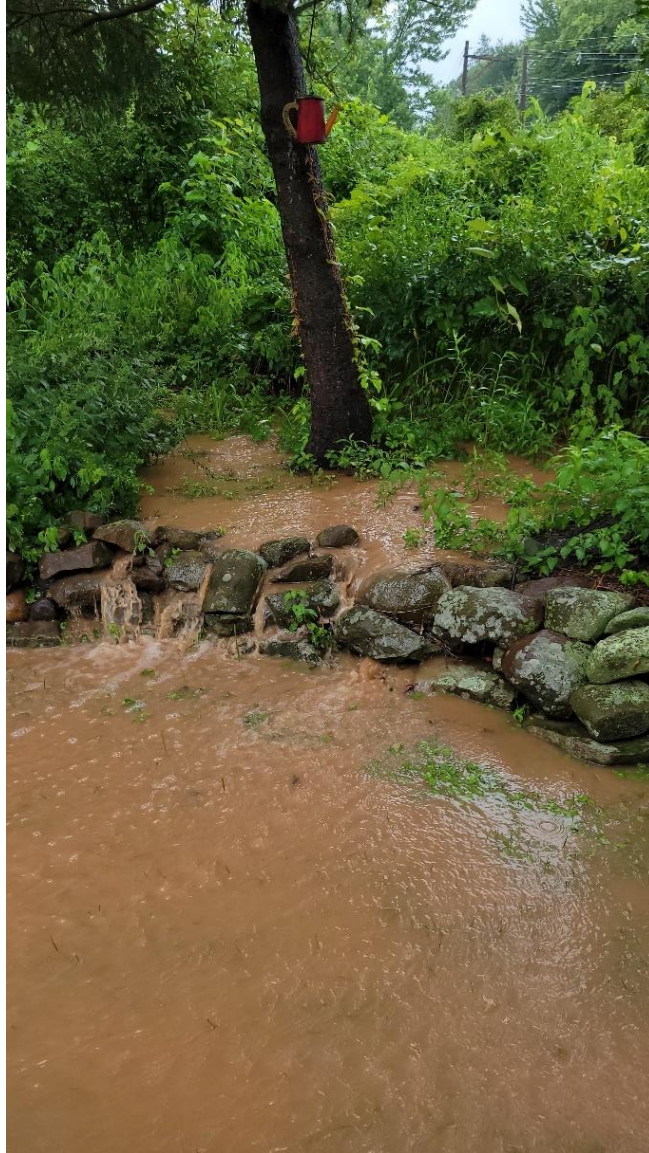


Figure 22: Stormwater Runoff

90 Field Street

Summary of Workorder:

Recent storms have caused erosion of an existing crushed stone driveway. The homeowner of 90 Field Street believes that the culvert adjacent to his property is undersized and has caused floodwaters to overtop the roadway.

Field Investigation:

An unnamed stream flows south to north along the east side of 90 Field Street. On the north side of the property the stream crosses under Field Street facilitated by an existing 6 ft x 4 ft concrete culvert. The DPW spoke with the homeowner during field investigations and the home owner claims that during a typical rain event water does not overtop the driveway apron. The homeowner also expressed to DWP his concern with the stability of the existing channel wall. Several sections of the dry stacked stone masonry wall have collapsed and it does not appear to be stable.

Current Action:

The homeowner was made aware that The City is in the process of securing funds to have the culvert adjacent to his property replaced and that construction is anticipated to begin in 2025. The proposed structure is an 11 ft x 4.5 ft precast concrete box culvert with flared concrete wingwalls. In addition, to replacing the existing culvert this project will involve realignment of the existing channel. The new channel alignment will improve the hydraulic conductivity and reduce the likelihood of water overtopping the roadway. For construction of the new culvert, temporary and permanent easements will be required for excavation but have not yet been granted by the property owners. Temporary reconstruction of the driveway and shoring of the existing wall is being considered as part of the negotiation for these easements.

Status Update:

A culvert replacement is currently under design, an application for funding under the State/ Local bridge program was not approved. Acquisition of easements, environmental permit and final design is pending. DPW will be re-submitting a State/ Local bridge funding application.

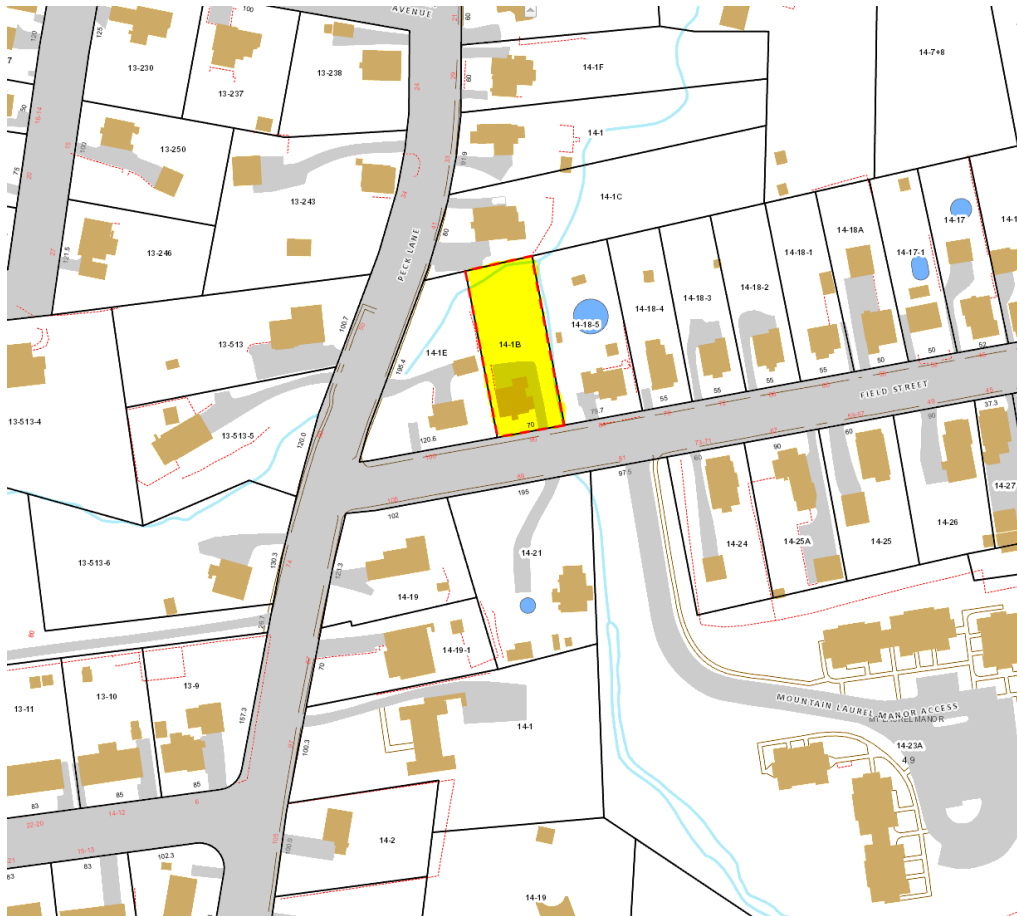


Figure 23: Location Map - 90 Field Street



Figure 24: Erosion of Unpaved Driveway



Figure 25: Channel Wall Adjacent to 90 Field Street

89 Field Street

Summary of Workorder:

The recent rain storm has caused erosion of an existing crushed stone driveway.

Field Investigation:

During field investigations it was observed that 89 Field Street is set well above the gutter line of the roadway and the existing driveway is pitched downward toward the road. It does not appear that the erosion was caused by improper roadway drainage.

Current Action:

Since the damages were not caused by improper roadway drainage the City would not typically take action in repairing the driveway. However, the City is in the process of securing funds to have an existing culvert adjacent to 89 Field Street replaced. The homeowner has thus far been unresponsive to The City's request for easements and temporary reconstruction of the driveway is being considered as part of the negotiations for the easements.

Status Update:

A culvert replacement is currently under design, an application for funding under the State/ Local bridge program was not approved. Acquisition of easements, environmental permit and final design is pending. DPW will be re-submitting a State/ Local bridge funding application.

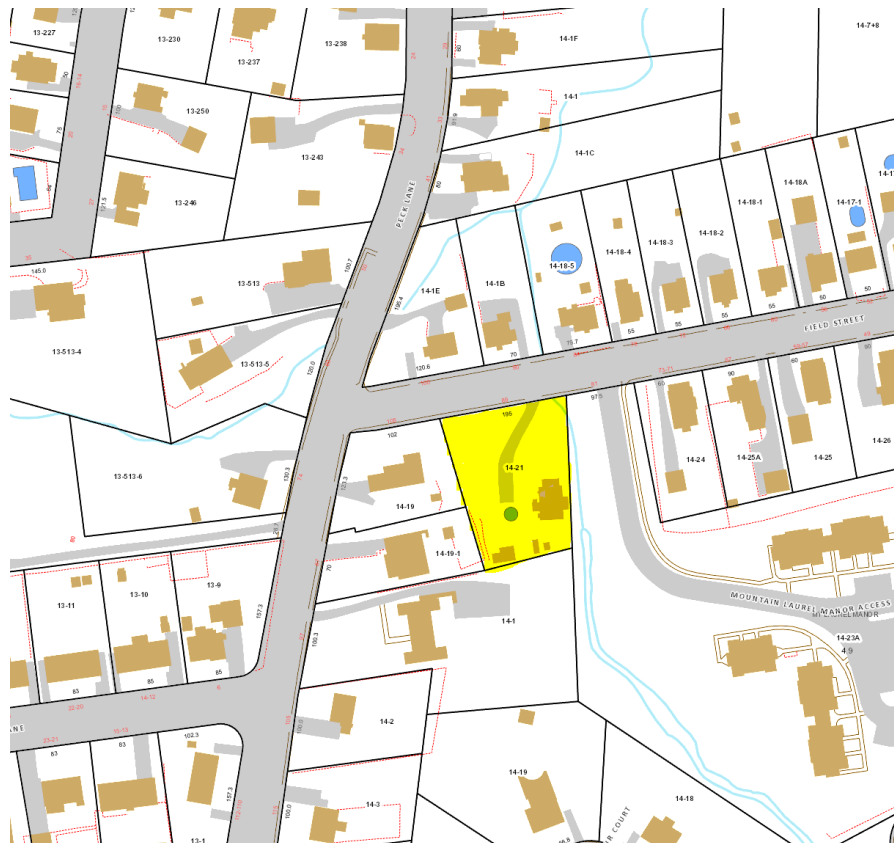


Figure 26: Location Map - 89 Field Street

22 Tuttle Street

Summary of Workorder:

The homeowner of 22 Tuttle Street indicated that stormwater from the road has been jumping the lip of the driveway and is causing flooding around the house.

Field Investigation:

During field investigations it was determined that the lip of the driveway apron is lower than standard size and that several sections of curb are missing along the front of the property.

Current Action:

The DPW is scheduled to repair missing sections of curbing and to construct a new driveway apron with a more substantial lip in order to keep storm water on the roadway.

Status Update:

Following the July 16th storm DPW reconstructed the existing driveway apron with a standard sized lip and replaced several sections of missing curbing. There have been no new complaints regarding storm water runoff.

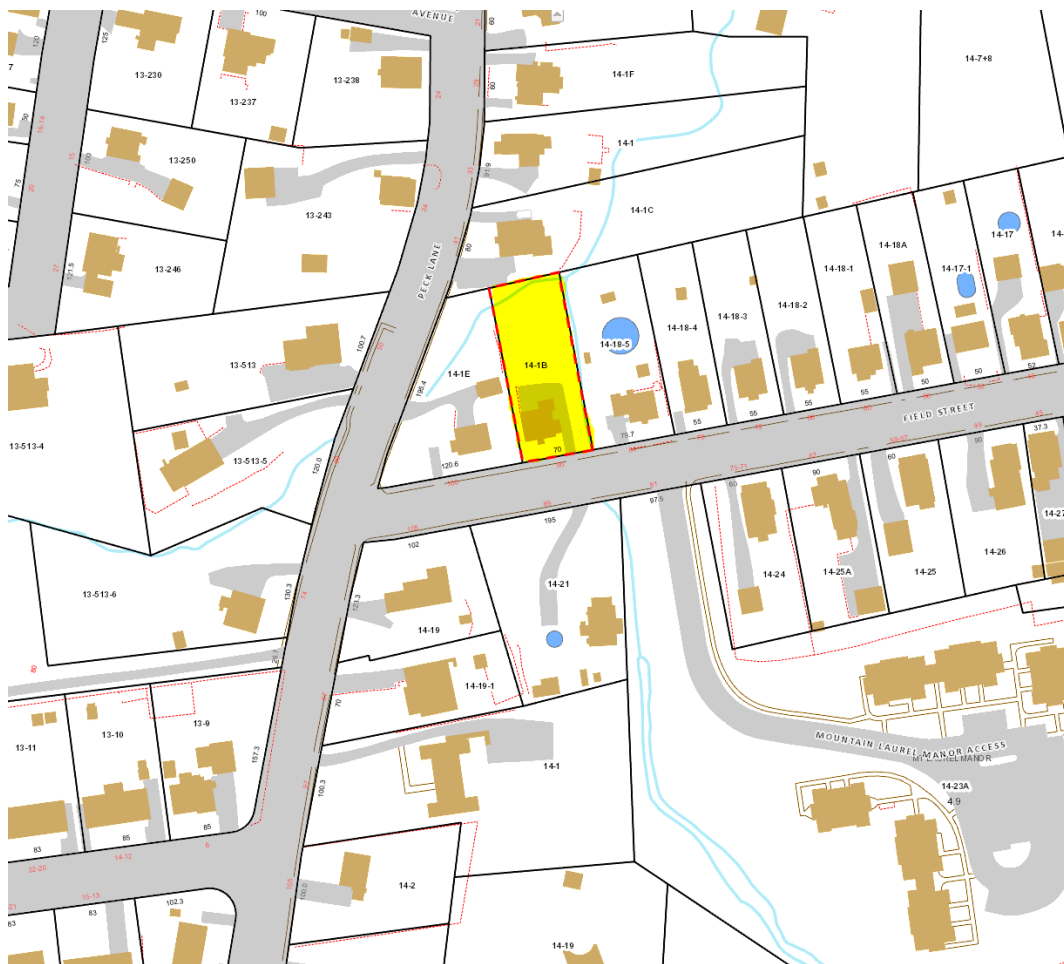


Figure 27: Location Map - 22 Street

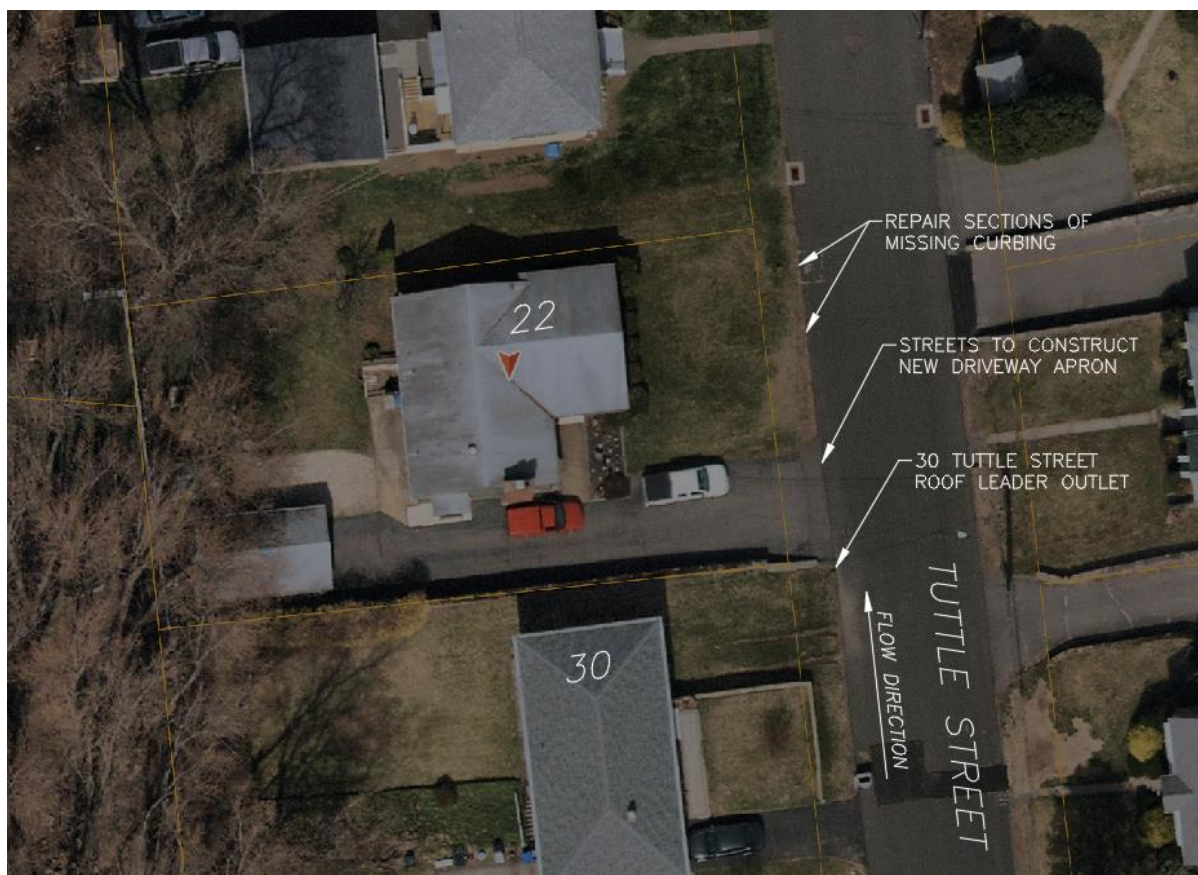


Figure 28: Proposed Improvements

220 Sonstrom Road

Summary of Workorder:

Homeowner of 220 Sonstrom Road indicated that storm water from the roadway is jumping the driveway apron and causing flooding in the garage.

Field Investigations:

The City has recently installed a new catch basin at the top of the existing driveway to catch stormwater runoff before it reaches the apron. The DPW inspected the basins and there does not appear to be any buildup of sediment or debris. Field measurements confirmed that the gutter flow in front of 220 Sonstrom is one directional and that during a typical storm event gutter flow should not be jumping the catch basin. It is likely that flooding is due to runoff from the roof leader and from the back pitched driveway.

Current Action:

A City catch basin is currently located on the high side of the driveway. No additional City action is proposed.

Status Update:

See previous action.

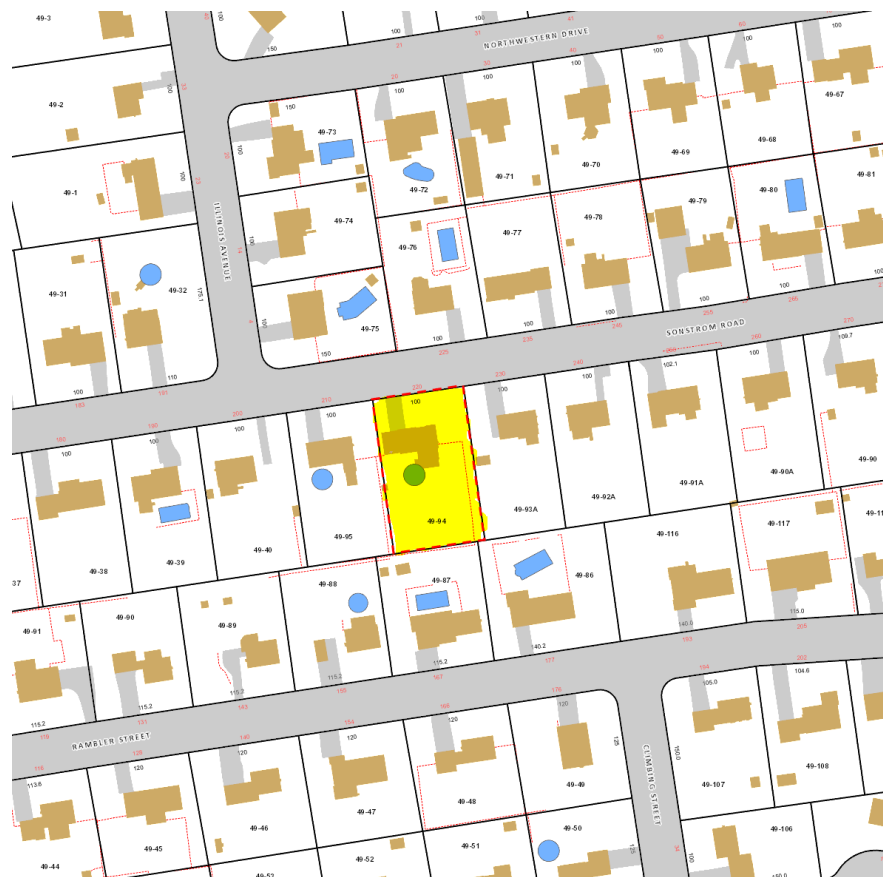


Figure 29: Location Map - 220 Sonstrom Road



Figure 30: Site Conditions at 220 Sonstrom Road

24 Jeffrey Road

Summary of Workorder:

Flooding on Jeffrey Road. Homeowner believes that the storm drains are undersized.

Email From Home Owner:

"Yesterday, I had a major flood on the side and the front of my house.

There is creek with a tunnel/easement behind the house that needs to be cleaned as well as city drains (one on the side of the property & one in front) which I have reached out to Public Works about.

My email is just to ask for assistance in getting additional drains added to the side of the house. There is one there now but I think there needs to be more.

I recently purchased this home and I love this neighborhood and did a 100k rehab on the house and water got into my basement yesterday because there aren't enough drains."

Field Investigations:

An unnamed stream runs east to west along the south side of 24 Jeffrey Road. Flows from this stream are facilitated through a 24" RCP within a City owned easement. The inlet structure was determined to be a dry stacked stone masonry catch basin. Flows from this basin are then piped to the storm sewer system along Jeffrey Road. It is likely that due to high volume flows and poor hydraulic conductivity within the basin the storm sewer was overwhelmed and overtopped. From videos it appeared that the stone basin behind the house began to overtop sending flows through the yard and into the street; at this point it appeared that stormwater began ponding along the street.

Current Action:

The DPW cleaned/cleared the basins and jetted the storm drainage lines along Jeffrey Road. In addition, the Department is currently drafting conceptual plans to improve flows from the unnamed stream. The current plan would be to remove the existing basin, several sections of pipe and realigning the channel so it flows more naturally into the storm drain.

Status Update:

Following the July 16th storm, DPW conducted a video analysis of the existing storm sewer system and found that a 90-foot length of pipe running parallel to the existing property line is filled with river rock. It is likely that during heavy rain events stones from the unnamed stream are picked up and deposited in the pipe. Several methods were attempted to clear the blockage but with little success and it was determined that the pipe would need to be replaced. DPW is scheduled to replace approximately 90-ft of the existing 24-in RCP with 24-in ADS piping. In addition, DPW will be upgrading the substandard catch basin as initially proposed.



Figure 31: Location map - 24 Jeffery Road



Figure 32: Flooding at 24 Jeffrey Road



Figure 33: Proposed Drainage Improvements

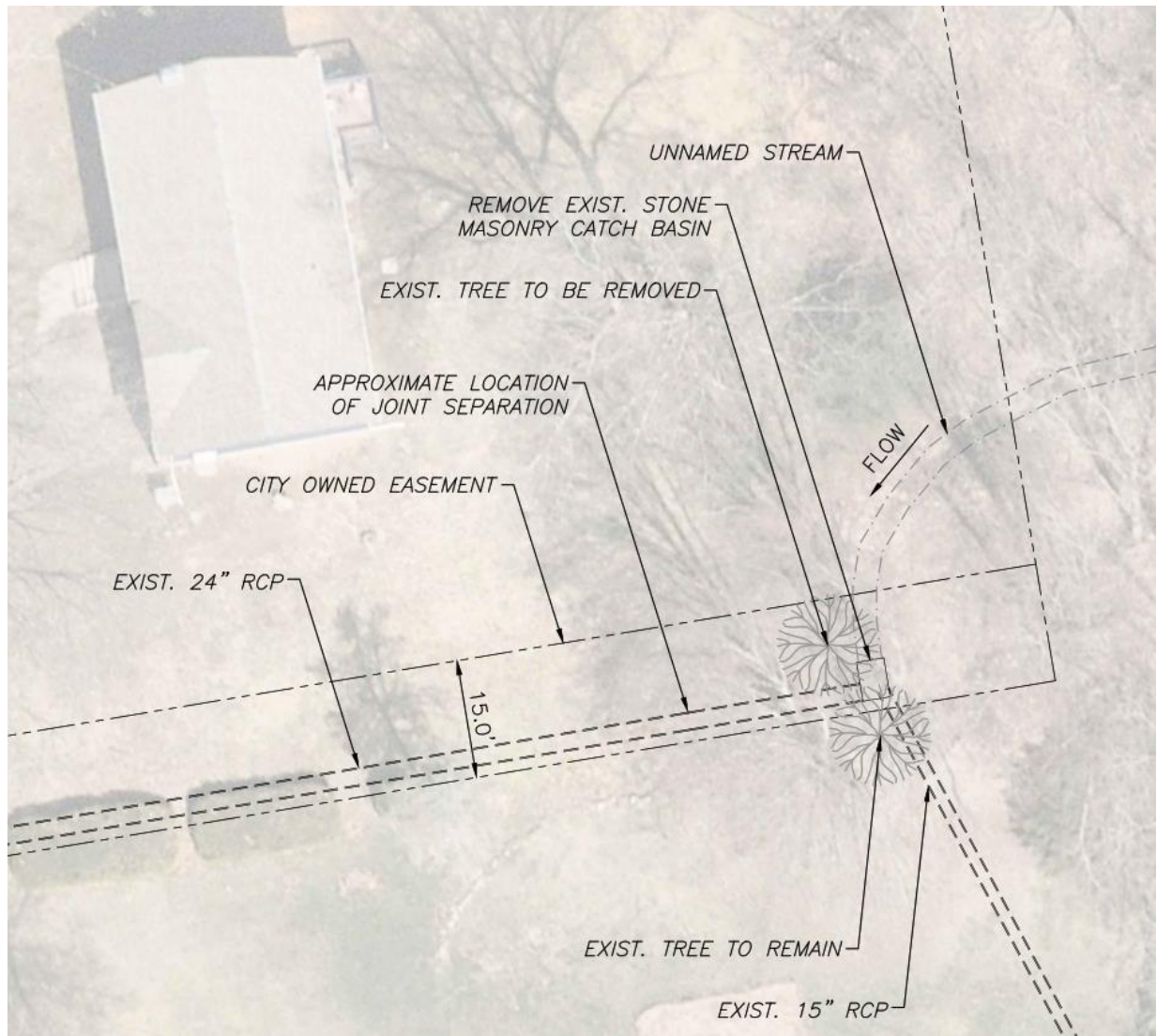


Figure 34: Existing Conditions

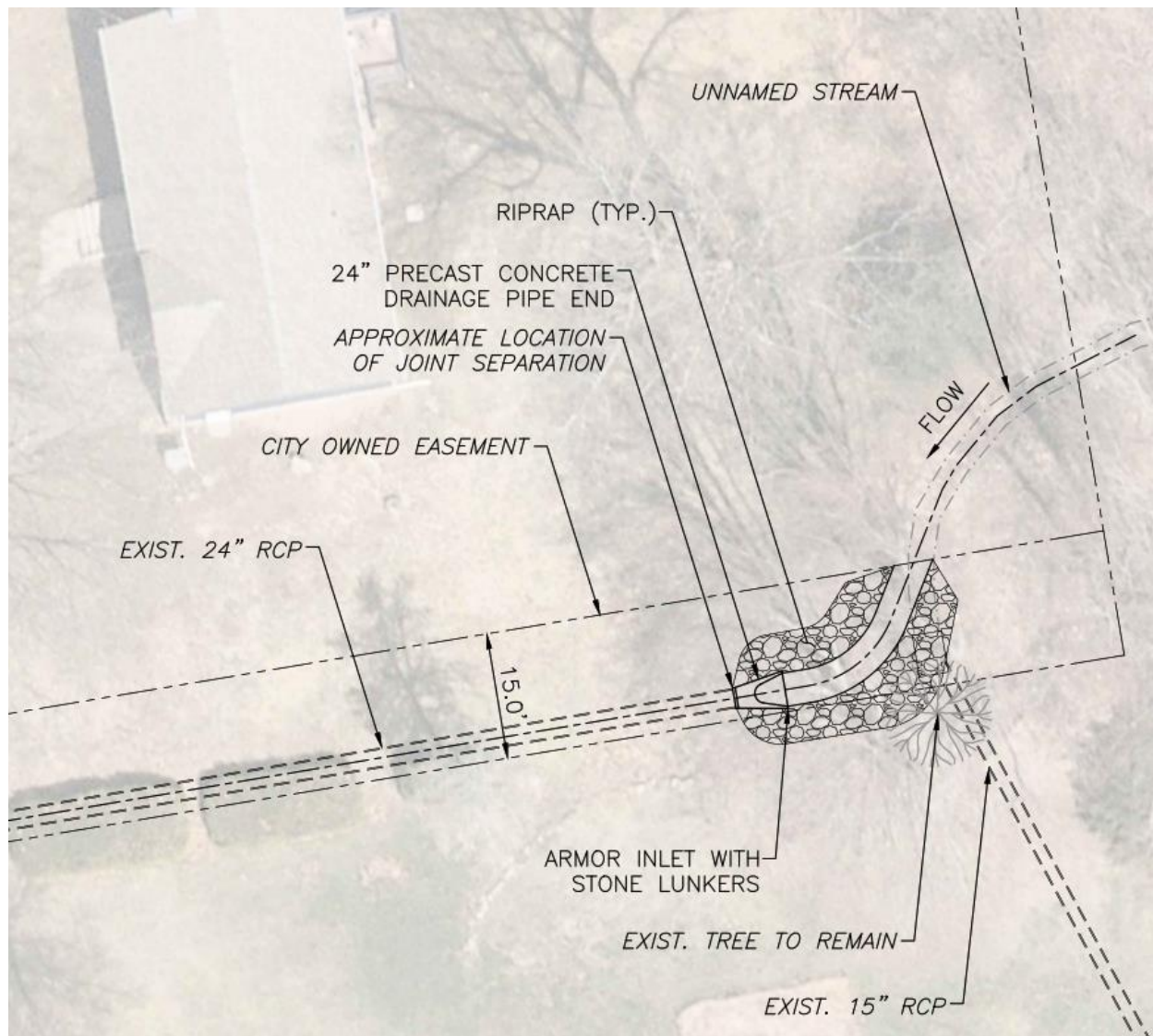


Figure 35: Proposed Improvements



Figure 36: Obstruction Within Existing Pipe



Figure 38: Maintenance of Bently Road Drainage System

48 Lawson Street

Summary of Workorder:

Homeowner believes a clogged catch basin has caused her driveway to flood.

Field Investigations:

During on site investigations the catch basin in question was determined to be a private driveway drain located at the bottom of the driveway at 48 Lawson Street (see the figure below).

Current Action:

The homeowner has been notified that the City will take no action as this is a private issue.

Status Update:

See previous update.



Figure 39: Existing Conditions

120 Perkins Street

Summary of Workorder:

The resident believes that due to increased runoff from past roadway improvements projects, the stream on his property has significantly eroded and has become a hazard.

Field Investigations:

An unnamed stream originating at a detention pond south of the Summerberry Circle flows west to east and crosses Perkins Street. Flows are facilitated under the street through a 36" RCP and are discharged along the north side of 120 Perkins Street. During field investigations the DPW inspected the channel along the property and did see sever signs of erosion along the channel invert. An approximate property line was identified with the home owner and the stream does appear to be located entirely on private property.

Current Action:

The DPW is currently in the process of producing concept plans to stabilize and armor the outfall within The City's right-of-way. Stabilization will involve cutting back slopes and installing riprap along the channel banks. In addition, a detention pond located upstream will be investigated to ensure it is functioning as designed.

Status Update:

Following the July 16th storm, DPW continued to investigate the storm sewer system along Perkins Street. Our investigations included research of the existing system prior to the most recent roadway improvements project which occurred in 2005 and a delineation of the watershed which contributes to the outfall adjacent to 120 Perkins Street. Our findings show that the roadway improvements project in 2005 did not increase the drainage area which contributes to the outfall and we speculate that erosion of the channel is most likely a function of high velocity flows resulting from the steepness of grades along the channel. While the damages were not caused by the action of the City the DPW recognizes the erosion to be a serious concern and has voted to take corrective action. The DPW is currently pursuing a design to have the stream piped approximately 170-ft from the roadway to where the stream currently outlets into a major tributary. This project will be subject to approval by the wetlands commission. Construction is anticipated to begin in late spring 2024.

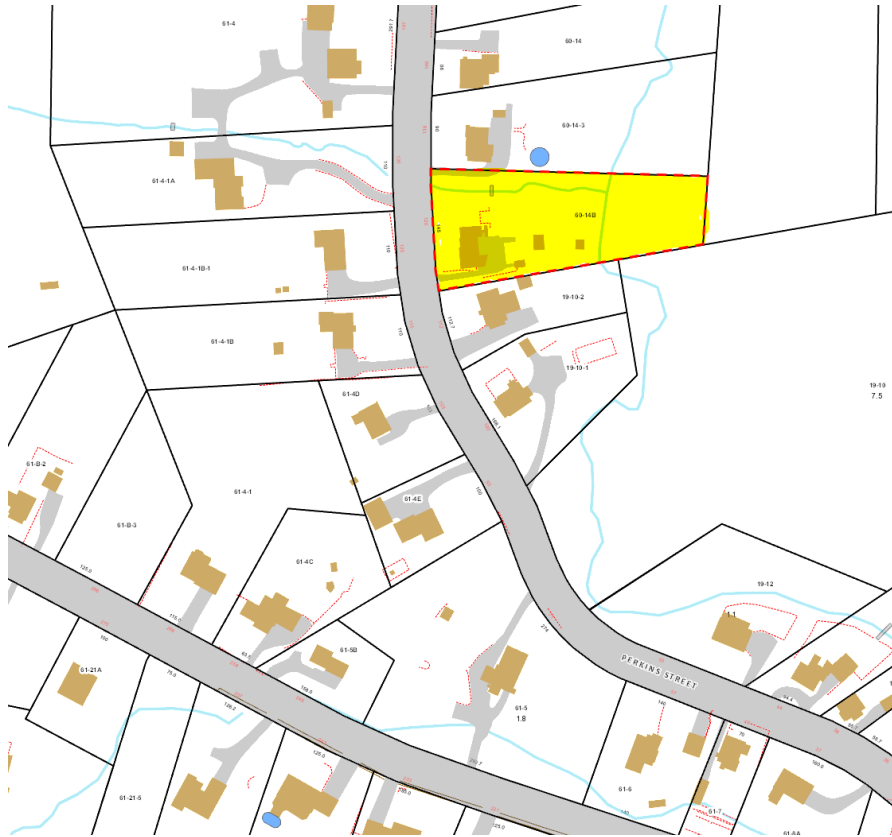




Figure 42: Delineation of Existing Drainage Area

302 Candlewood Drive

Summary of Workorder:

Resident indicated that the stream on his property has been eroded by the recent storm and has caused flooding in his yard. The resident also believes that the City has an easement for maintenance of the stream.

Field Investigations:

A 24" storm water outfall pipe located along the north side of 302 Candlewood Drive discharges to an unnamed stream along the east side of the property. The outfall pipe is located within a City owned easement and the stream itself appears to be entirely on private property. During field investigation the DPW noted that erosion within the channel appears to be minor. Small deposits of sediment were observed along the channel banks.

Current Action:

The DPW is in the process of producing concept plans to stabilize the outfall within the City's easement. The proposed work will likely involve removing sediment and installing riprap at the drainage outfall. The City will take no action in maintaining areas of the channel located on private property.

Status Update:

See previous update.

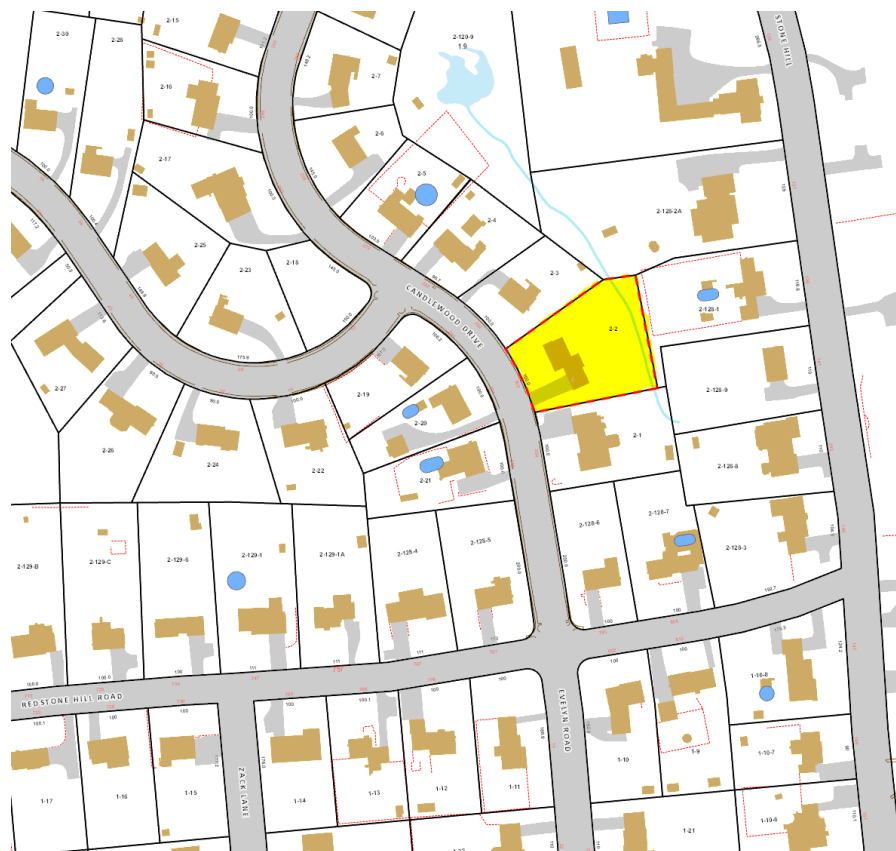


Figure 43: Location Map - 302 Candlewood Drive



Figure 44: Stormwater Overtopping Channel Banks

68 Litchfield Lane

Summary of Workorder:

Storm water from the street has been jumping the driveway apron and has caused flooding around the house.

Field Investigations:

During field investigations there did not appear to be sediment build up in any of the basins. The outfall was located and did not appear to be obstructed by sediment or debris.

Current Action:

The DPW sent a crew on site to clean the basins and jet the lines. The Department has contacted the homeowner and will continue to monitor the situation.

Status Update:

See previous update.



Figure 45: Location Map - Litchfield Lane

87 Collins Road

Summary or Workorder:

The resident claims that during the recent storm, water from the street has overtopped the basin in front of her house and has caused flooding in the yard.

Field Investigations:

A 12" drainage outfall located on the north side of the property discharges stormwater from the street to a wetlands area behind the house. The City is currently in the process of acquiring an easement from an adjacent property owner for a drainage improvements project that would involve upsizing the existing drainage pipe. Upsizing the existing pipe would require extending the outfall so it could drain to daylight.

Current Action:

The DPW has contacted the owner of 87 Collins Road and the adjacent property owner informing them that the City is requesting an easement for drainage improvements.

Status Update:

Following the July 16th storm, the Board of Public Works voted to hire a surveyor to perform an A-2 survey of the existing properties surrounding and including 87 Collins Road. The purpose of the survey would be to develop a plan to extend the existing drainage outfall onto what is now private property and for acquisition of the required easements. A surveyor has been approached and is scheduled to perform the work in the next two weeks. On October 10th, 2023, DPW met with the owner's representative for parcel 53-50 and is currently in the process of negotiating acquisition of an easement.



Figure 46: Location of Proposed Easement

215 Rockwell Avenue

Summary of Workorder:

During the recent storm a clogged drain pipe has caused flooding to several property owners.

Field Investigations:

An unnamed stream flows down a steep drop off located in the southern corner of the property. A private storm drain receives these flows and pipes them to the storm sewer along the street. During the storm on July 16th DPW forces unclogged the inlet of the private storm drain and cut a trench along the southwest side of the property. The trench helped to divert flows away from the house and direct them to a drain along the street. Within a few hours of doing so sediment had built up around the pipe and was again blocking flows.

Current Action:

The homeowner was informed that the inlet of the pipe is a part of their private drainage system and they should monitor and maintain sediment around the inlet.

Current Update:

See previous action.



Figure 47: Location Map - 215 Rockwell Avenue

74 Peck Lane

Summary of Workorder:

Stormwater from the street has been jumping the curb and driveway apron and has caused erosion around the foundation of the house.

Email From Property Owner:

“Attached are photos showing the flash flood damage to our property, as well as the sidewalk above us and across the street affected by the same water flow. The photos progress in the direction the water flows. There are currently no storm drains on Peck Ln between our house and Maywood Ln. When flash flooding occurs, there are multiple inches of fast-moving water coming down Peck Ln and across our yard to hit our foundation. I think an additional storm drain above our house would help mitigate damage to our house as well as the sidewalk and street. I really appreciate your consideration.”

Field Investigations:

The DPW inspected the existing storm system and when doing so observed evidence of stormwater flowing from the street onto private property toward 74 Peck Lane. The department believes this problem is largely contributed by not having any catch basins along the west gutter line for a 1,300' stretch uphill of the property. It is likely that storm water is channelizing along the gutter and overtopping the curb in front of 74 Peck Lane.

Current Action:

The DPW is currently in the process of developing a conceptual plan aimed to reduce the amount of stormwater that contributes to the flooding at 74 Peck Lane. Improvements will include installing a new catch basin(s) on the uphill side of the driveway, constructing a more substantial curb, and reconstructing the driveway apron with a standard sized lip.

Current Update:

No current update. The DPW plans to proceed as initially proposed.



Figure 48: Location Map - 74 Peck Lane



Figure 49: Erosion of Material Caused by Stormwater



Figure 50: Deposits of Eroded Material

George Street Culvert

Summary of Workorder:

During the storm on July 16th high water levels largely contributed to by a buildup of debris and intense rainfall caused severe flooding along South Street when water overtopped the George Street Culvert. The existing culvert is 6 ft x 8 ft in dimension and spans for approximately 900 ft.

Current Action:

A private contractor performed a visual inspection of the culvert and removed debris including a large obstruction at the outfall shown in the figure below.

Status Update:

Following the flooding of July 16th, the DPW has monitored the George Street Culvert and we are currently unaware of any additional blockages.

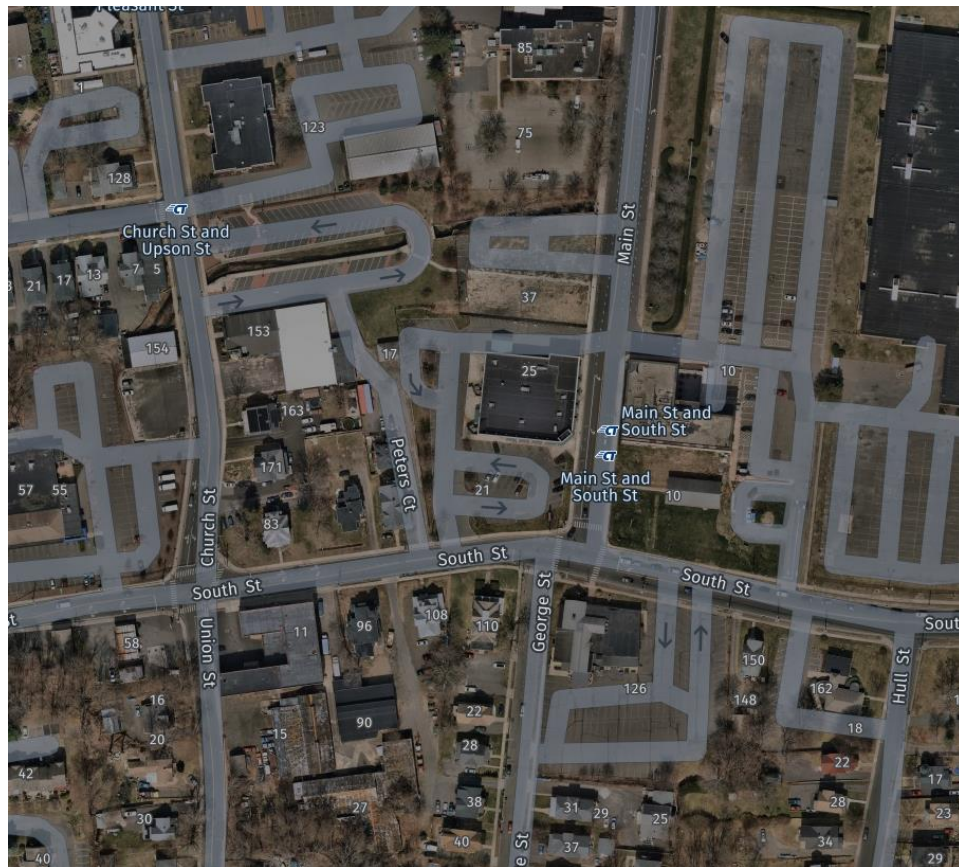


Figure 51: Location Map

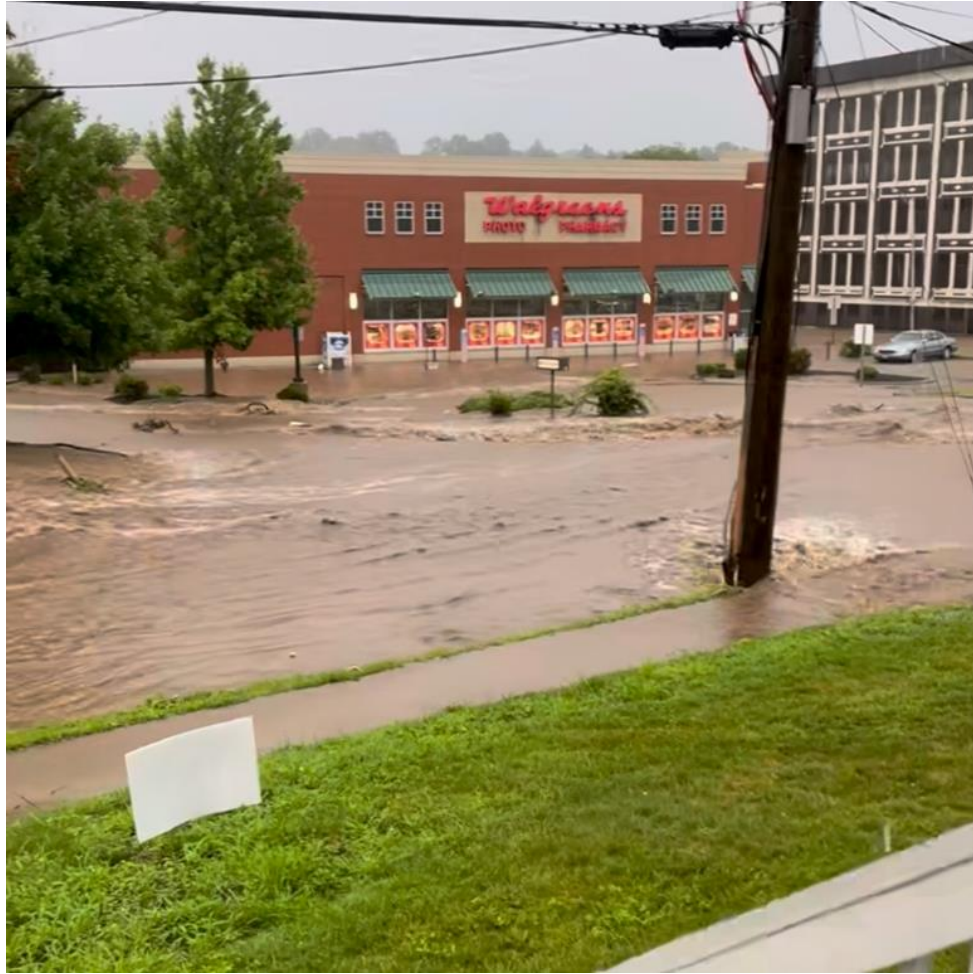


Figure 52: Flooding Along South Street



Figure 53: Debris Blocking Flows at Culvert



Figure 54: Obstruction at Culvert Outfall

Memorial Blvd. Retaining Wall

Summary of Workorder:

During the storm on July 16th a portion of retaining wall supporting the sidewalk parallel to Memorial Blvd. had collapsed.

Field Investigations:

The Pequabuck River runs west to east parallel to Memorial Blvd. During the storm on July 16th the water level of the Pequabuck reached a stage of 8.99-feet which is approximately 70% of the recorded high which occurred during the flood of 1955. These water levels at high velocity were able to dislodge large chunks of concrete and stone which were being used as the end treatment of an existing cast-in-place concrete wall. The section of wall that collapsed was approximately 15' in length.

Current Action:

A private contractor was contacted and will be submitting a quote to make repairs.

Status Update:

The Memorial Blvd. retaining wall was repaired by a private contractor as directed by DPW.

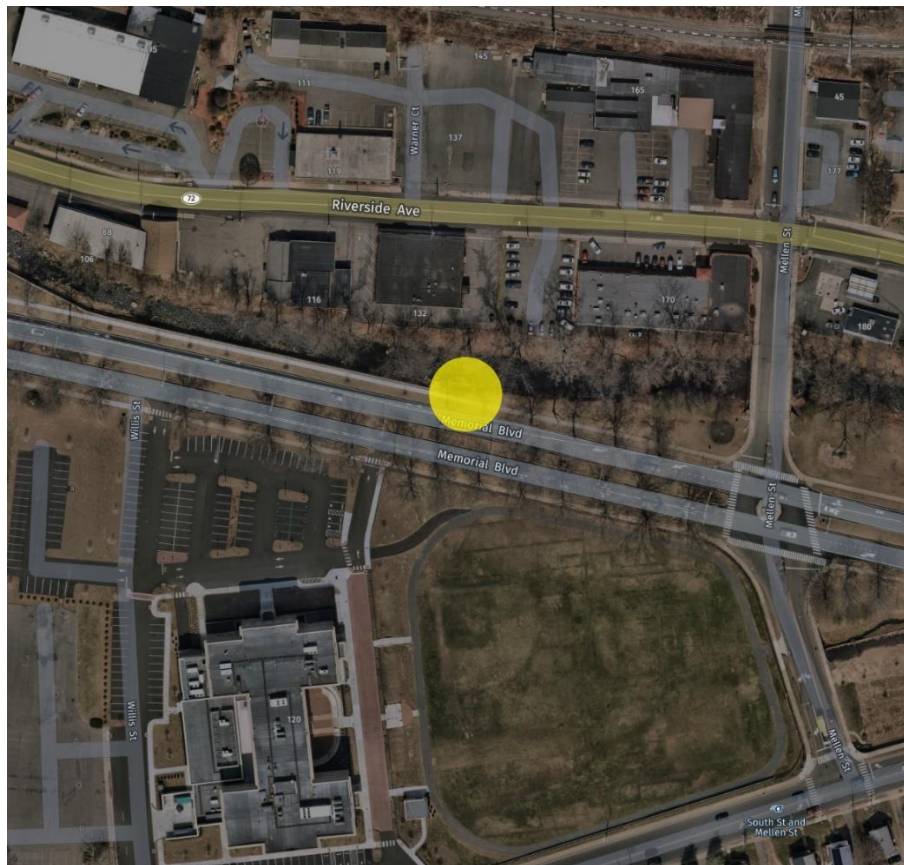


Figure 55: Location Map - Memorial Blvd. Retaining Wall



Figure 56: Collapse of Existing Dry Stack Stone Wall

James Street Culvert

Summary of Workorder:

Flooding overtopping the roadway and into several houses.

Current Action:

The existing culvert is currently owned and maintained by Laviero Contractors. Following the recent storms, Laviero was onsite to clear the culvert from brush and debris. The DPW also sent a crew to clean the existing basins and to sweep the street.

Status Update:

Laviero Contractors has removed blockage and made temporary repairs to the culvert. The condition of the culvert is still being monitored by DPW.

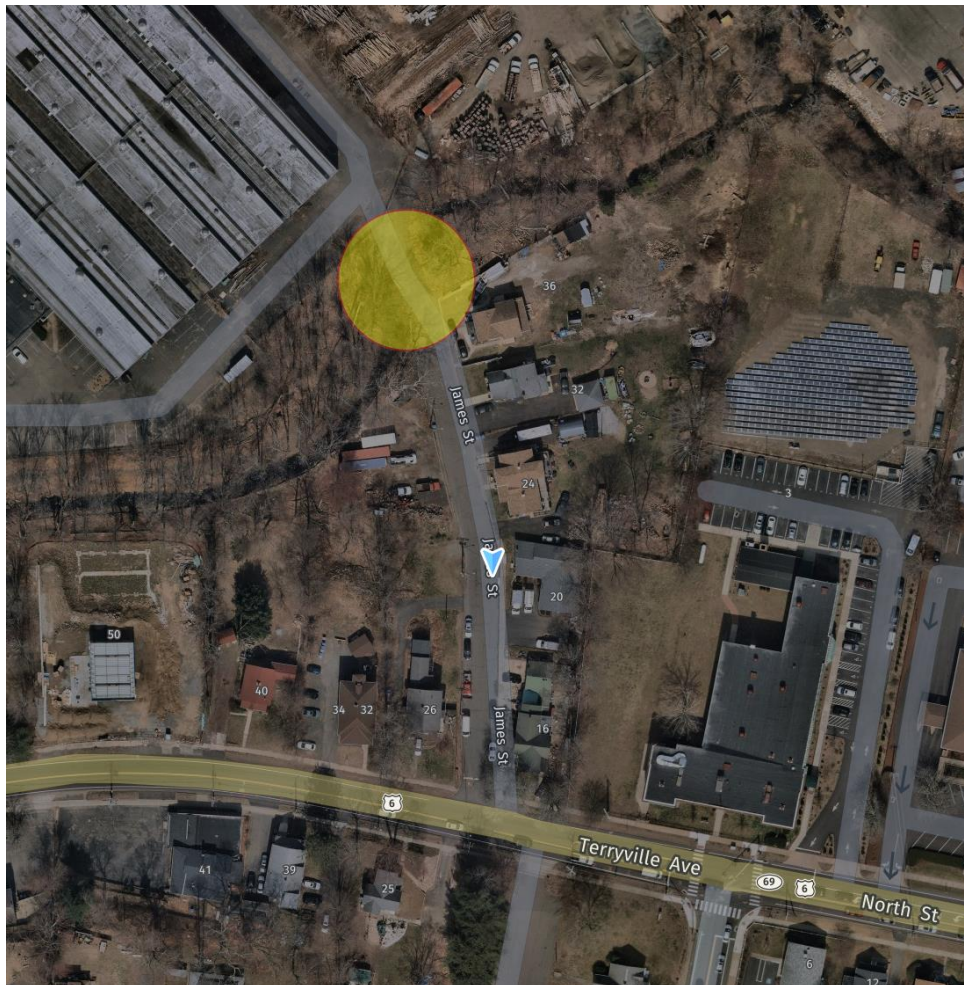


Figure 57: Location Map - James Street Culvert



Figure 58: James Street Culvert



Figure 59: Channel Looking Downstream



Figure 60: Debris Removed from Channel



Figure 61: Fish Washed On Shore From High Flood Water

Divinity Street Culvert

Summary of Workorder:

An unnamed stream flowing south to north crosses Divinity Street 250 ft east of the intersection of Peck Lane. Flows are facilitated by a 5 ft x 5 ft concrete box culvert which is hydraulically undersized. During the storm on July 16th floodwaters overtopped the culvert and caused significant damage do the adjacent properties as shown in the photos below.

Current Action:

The DPW sent a crew onsite to temporarily repair the damages to the adjacent properties. The Department is currently in the process of finalizing the design of a new culvert. The culvert size will increase from 5 ft high X 5 ft wide to 5 ft high by 8 ft wide. Work is scheduled to be completed after the completion of the CT DOT Route72/69 project. Culvert is currently on the West End intersection detour plan (2024).

Status Update

Approval of LOTCIP funding through NVCOG regional planning is moving forward. The design is approximately 90% complete. An easement north of Divinity Street and environmental permits are required for construction of this project. Areas of erosion due to recent high intensity storms have been repaired by DPW (concrete blocks installed at outlet).

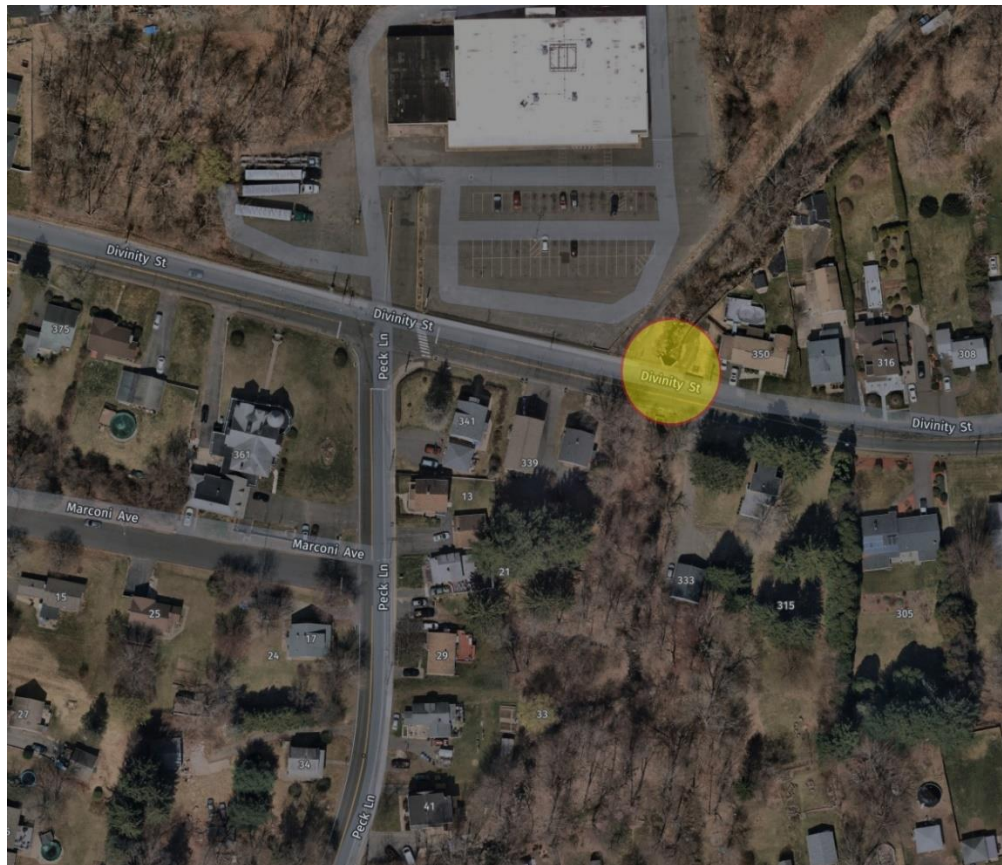


Figure 62: Location Map - Divinity Street Culvert



Figure 63: Damaged Driveway on Private Property



Figure 64: 316 Divinity Street Property Damage



Figure 65: 316 Divinity Street Property Damage



Figure 66: 316 Divinity Street Property Damage

West End / Park Street Flooding

Summary of Workorder:

An unnamed stream flowing west to east parallel to Park Street caused severe flooding when water overtopped the roadway during the storm on July 16th. A large contributor to the flooding was a private culvert clogged with 30'-40' of debris. The buildup of debris was partially caused by an exposed gas lateral penetrating through the culvert. Due to the blockage flows were forced out of the channel and over the roadway. Another large contributor to the flooding was a dumpster upstream that was washed into the watercourse and became lodge against a pedestrian bridge impeding flow. The flooding extended from the culvert along Park Street to the intersection of RT 69.

Current Action.

The culvert has been cleared by a private contractor as directed by the DPW. DPW has approached Eversource regarding relocation of the lateral as to help prevent the buildup of debris in the future.

Status Update:

Due to continued buildup of debris the DPW hired a private contractor to clear the culvert for a second time. While the existing culvert is privately owned, the DPW has been monitoring its condition to prevent further flooding of the West End.

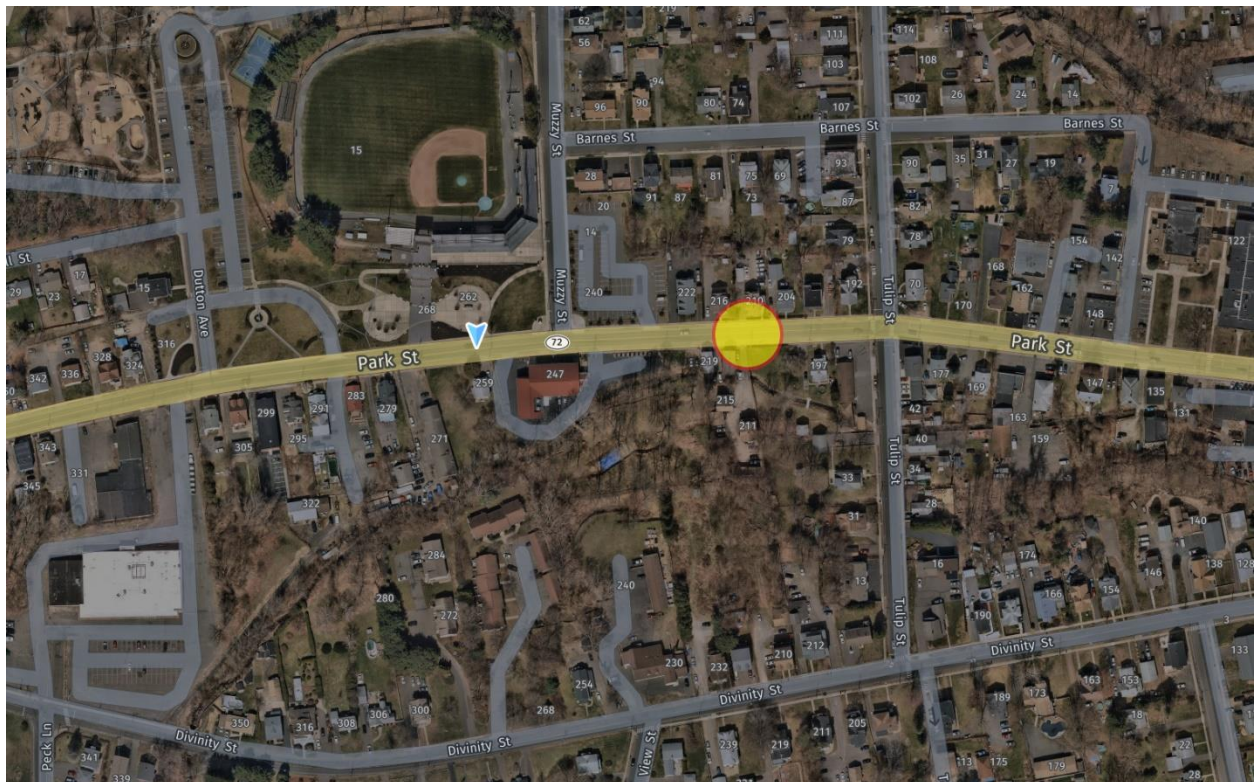


Figure 67: Location Map of Private Culvert



Figure 68: Flooding Along Park Street



Figure 69: Private Culvert Cleared of Debris



Figure 70: Buildup of Debris Within Private Culvert



Figure 71: Dumpster Obstructing Flows

King Street

Summary:

During the storm on July 16th Page Park Pond overflowed spilling water onto King Street. DPW cut a trench to divert floodwaters off of King Street as shown in the photos below. Page Park Pond is being pumped down. Page Park Revitalization project will be reviewed upon submission. The purpose of the project is to improve the control of floodwater and to mitigate future flooding.



Figure 72: Location Map



Figure 73: Ponding at Page Park

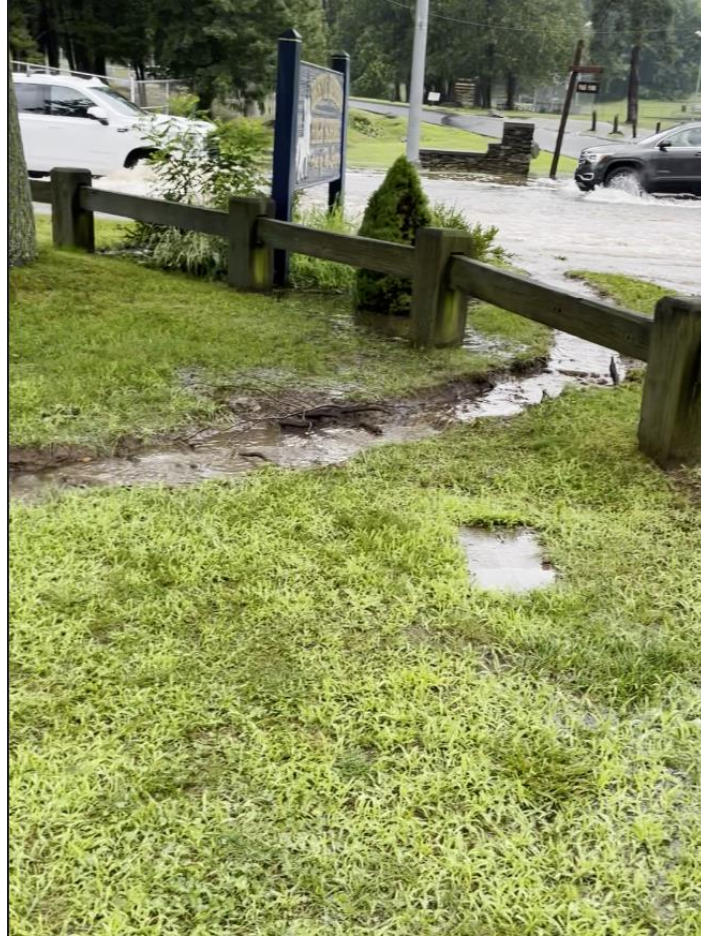


Figure 74: Swale Cut Along King Street

Frederick Street

Fredrick Street is carried over the Coppermine Brook south of the intersection of Curtiss Ave. During the flood of July 16th waters of the Coppermine reached near record highs. The area west of the Fredrick Street bridge is a low point of the roadway and experienced flooding. The bridge did not overtop. However, the road was closed due to flooding for approximately 3 hours after the storm.

DPW has provided regular maintenance of the area on the bridge to ensure flow during storm events. The existing debris will be removed along with the sediment under the bridge. Due to flooding the property owner pumped water out from behind the berm into the Coppermine Brook.

Email From Home Owner:

“Well as you know, we got hit with flooding on July 16, 2023. We should be getting help from the city to pump out our backyard. We have to pump out your open space in order for us to get dry and start our clean up.

Still waiting for our drain to be installed in our backyard.

I would appreciate the storm drains being cleaned thoroughly due to all the silt. I think this should be an automatic in the future after street flooding. Also road should have a sign to warn about potential water on the street. The street should also closed with a barricade not caution tape.

I cleared out the storm drains on the street and also the drain in Theis's parking lot. The parking lot was totalled blocked.

The owner of Black Bear finally removed the tree, blocking the Coppermine.

Please communicate at your earliest convenience on the progress moving forward.”



Figure 75: Location Map - Frederick Street Bridge

Sharon Street

Summary of Workorder:

Severe Flooding Along Sharon Street between Lexington St. and Burlington Ave. (CT Route 69). DPW completed installation of new storm drainage in 2018. The project consisted of increasing the old pipe size from Lexington to the property on Burlington Ave. The new pipe more than doubled the pipe area/capacity. The Department believes the reason Sharon Road is still experiencing flooding, even after the recent drainage improvements project, is due to the State-Owned system receiving flows from Sharon Road. This system is undersized and does not have enough capacity to handle the stormwater.

Email From Property Owner:

"I'm writing to you in hopes that we can once and for all resolve the drainage issue on Sharon St. Every time there is significant rain, the drains can not handle the volume of water causing the road to flood. This issue was apparently corrected when they put in new pipes however there is still an ongoing issue. We are supposed to be in a non flood zone area. We shouldn't have to worry about our street flooding and rising so high that it's 5 inches above the basement windows and entering our homes. When there is significant rain, the situation escalates rapidly and more severe. Not only does Sharon St. flood, but the water from behind us on Lexington St flood up an over into our yards completely surrounding and flooding out at least 4 homes (2 on Sharon St and 2 or 3 on Lexington St.) We are not by the Pequabuck River, nor have any local streams. This is purely a City of Bristol drainage issue, that needs to get addressed. The work that was recently done to repair the drainage issue failed and actually made it worse because neighbor's yards that didn't flood, are flooding now due to the grade put in the driveways and yards when the."

Current Action:

DPW jetted/cleaned the drainage piping to ensure that it clear and is scheduled to perform a video inspection of the pipe connecting into the Burlington Ave (CT Route 69) drainage system to ensure that there are no blockages. We are also modifying the down gradient manhole grate to increase flow. DPW will be contacting the State regarding increasing the capacity of the Burlington Ave (CT Route 69) drainage system.

Status Update:

Following the July 16th storm the DPW has conducted an investigation of the existing system including collecting invert and top of frame elevations from the entire storm drainage system draining from Sharon Street. In addition, DPW is installing storm drainage on Concord Street to divert a portion of the area that drains to Sharon Street. In effect the new drainage system will divert approximately 20% of the water draining to Sharon Street. The DPW has also installed a catch basin along Burlington Avenue to allow water to pass during intense rain events. Lastly, as previously indicated, the City will be contacting CTDOT regarding the apparent limited capacity of the CT Route 69 (Burlington Ave.) storm drainage system.



Figure 76: Location Map - Sharon Street Flooding



Figure 77: Sharon Street Flooding



Figure 78: Sharon Street Flooding



Figure 79: Sharon Street Flooding

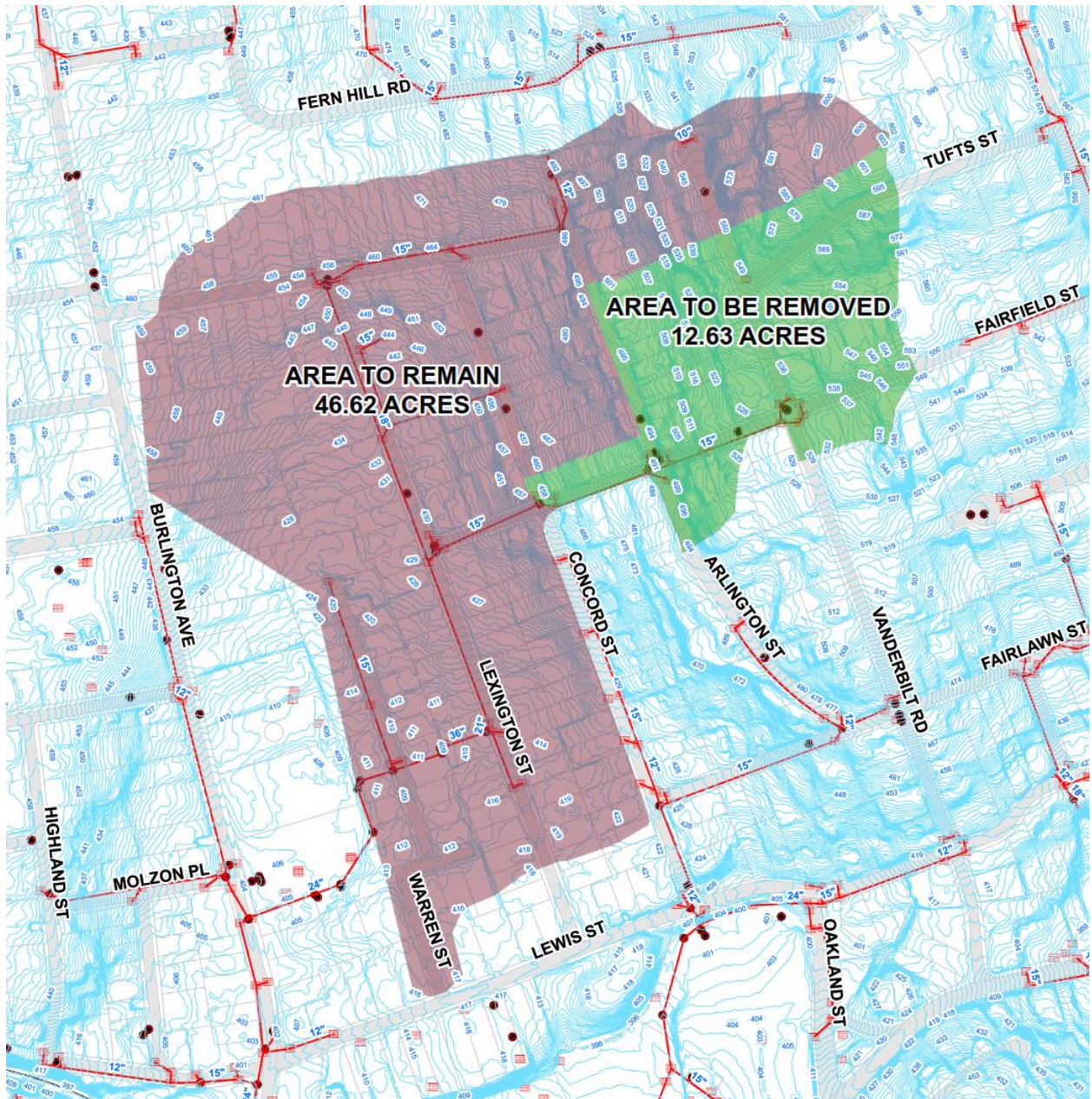


Figure 80: Drainage Area To Be Diverted From Sharron Street

63 Holt Street

Summary of Workorder:

The existing storm drainage system currently drains to an unnamed stream located behind 63 Holt Street. The existing outfall is an 18-in RCP approximately 170-ft in length. During storm events water backs up out of the catch basins on the street and causes flooding on private property.

Field Visit:

During a field visit the City spoke with the home owner of 63 Holt Street regarding recent flooding. The Resident explained how flood waters from the roadway build up and flow from the roadway and across the driveway causing flooding in the backyard and in the basement of the house. It was also noted that even after the rain subsides it takes hours before ponding in the street drains. They also explained how during heavy rain events the brook will overtop contributing to the flooding.

Current Action:

The DPW performed a visual inspection of the outlet located behind 63 Holt Street. The line was jetted and cleaned however no substantial blockages were found. DPW also hired a private contractor to walk inspect the downstream channel for any blockages however none were found. The DPW suspects that the reason water is ponding on the street is because the outfall is controlled by the water level in the brook. During storm events when water levels are high, the storm drainage can't sufficiently flow and backs up the system.

FIELD SKETCH

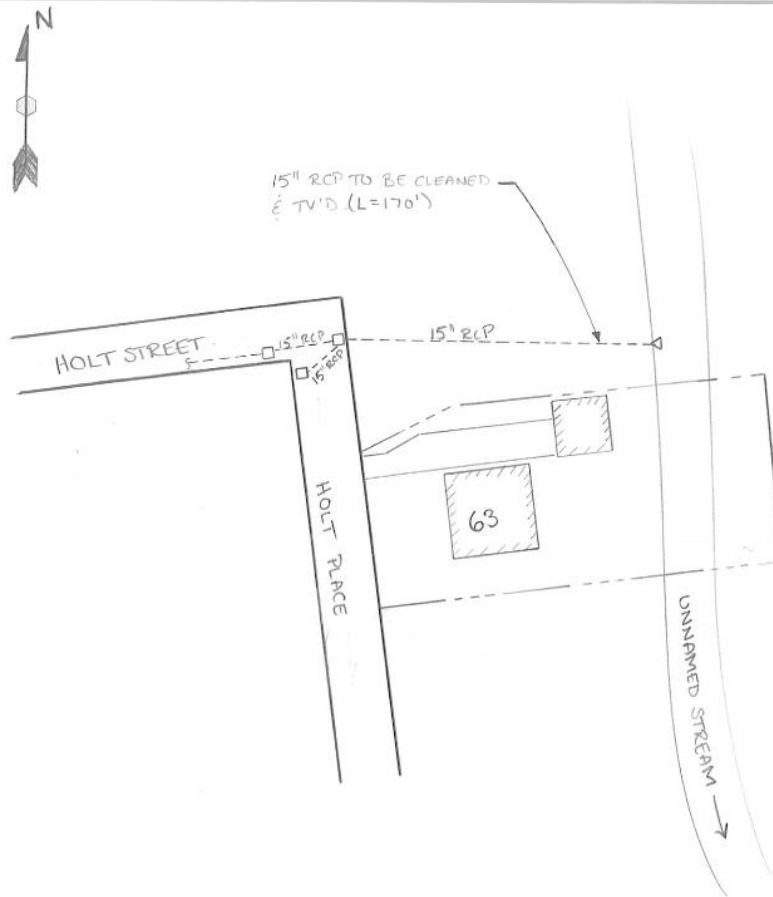


Figure 81: Existing Conditions Field Sketch

317 Fern Hill Road

Summary of Workorder:

During heavy rain events the existing storm drainage system is backing up causing flood waters from the street to spill onto private property. Flood waters have been overtopping the driveway in addition to the existing curbing.

Field Visit:

DPW conducted a field visit to assess the conditions of the site. Several sections of curbing were found to be missing and in general the existing curbing was observed to have a low reveal. DPW spoke with the homeowner and he explained that during intense rain events flood waters from the street will overtop the driveway apron along with the curbing along the street.

Current Action:

The DPW reconstructed approximately 200' of curbing along Fern Hill Road with new 6-inch-high bituminous curbing.

Status Update:

Following installation of the new curbing the resident of 317 Fern Hill Road contacted the DPW to report additional flooding due to water coming overtop the driveway apron. He also reported that the newly installed curbing did help keep water on the roadway. The DPW is currently scheduling to have the existing system videoed to look for any potential blockages or damaged sections of piping.

Rich Lane

Summary of Workorder:

During high intensity storm events several residents along Rich Lane are experiencing flooding of the stream which runs parallel to Rich Lane. Several of these homeowners have signed a petition for the issue to be resolved.

Current Action:

The DPW has ordered an inspection of the existing channel which runs parallel to Rich Lane. During the inspection a substantial blockage located on private property was identified. The DPW has informed the homeowner of the obstruction and that it is their responsibility to maintain the channel on their property and to remove the blockage. In addition, DPW has scheduled the storm sewer system along Rich Lane to be jetted and cleaned and is expected to be completed within the next few days.

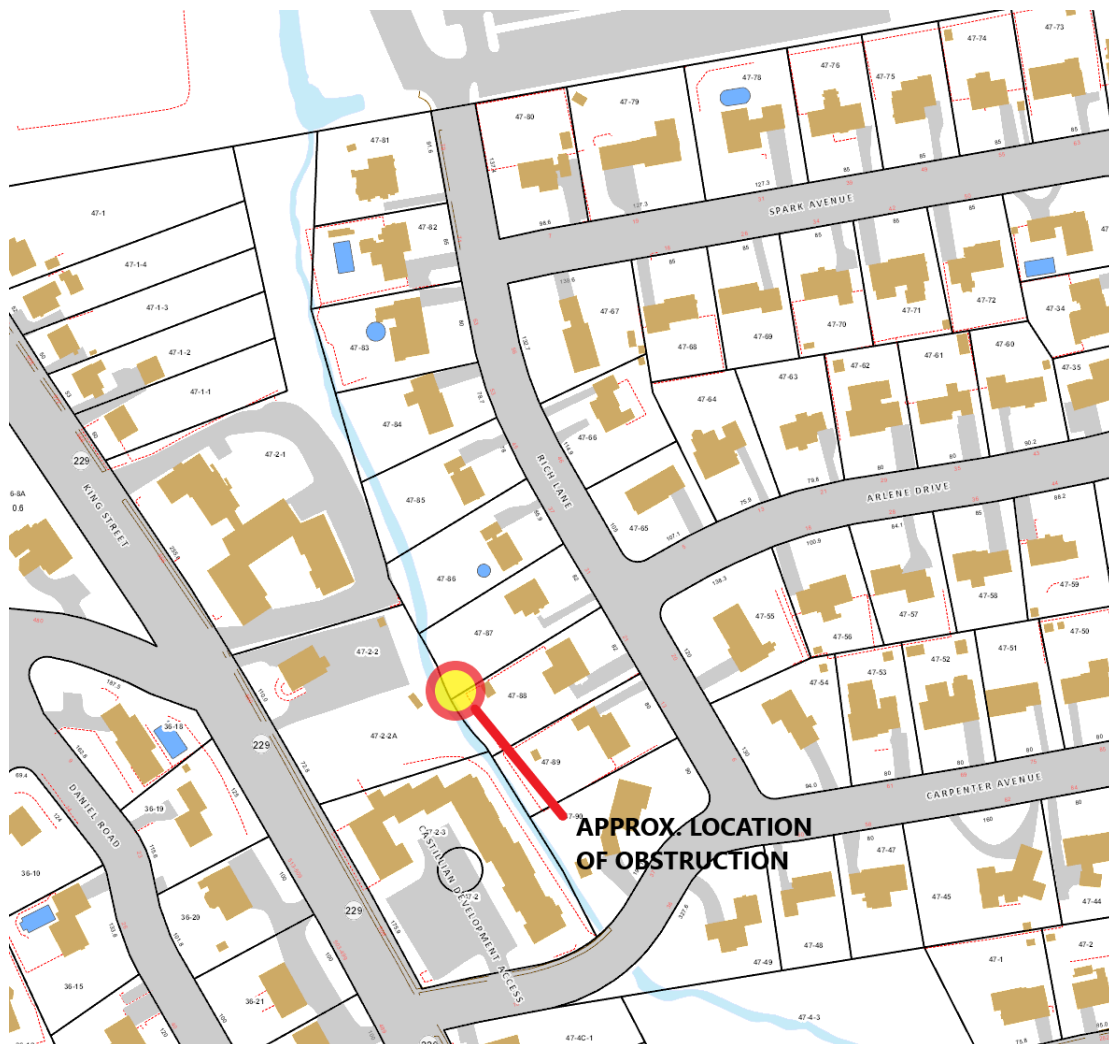


Figure 82: Location Map

To: City of Bristol Engineering Department
From: Citizens of the neighborhood of Rich Ln, Spark Ave, Carpenter Ave, and Arlene Dr
Re: Flooding issues in the neighborhood

To whom it may concern,

We, the undersigned, respectfully request an engineering team to look into the flooding issues we have had in the areas of Rich Ln, Spark Ave, and Arlene Dr.

August of 2021, most of us in the neighborhood have had some kind of flooding. For those of us on Rich Ln, there is a brook that runs behind our houses that has flooded 3 times since August of 2021. This flooding has caused water damage to basements, sheds, and yards.

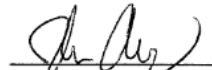
For those on Spark Ave, the water running down the parking lot of Bristol Eastern has caused damage to yards and basements.

The brook behind the lots on Rich Ln seems to be VERY narrow and overflows when there are heavy rains for any extended period of time.

If you could, please send some people to look at why this has been happening. Your attention to this matter is much appreciated. Thank you.

Respectfully,

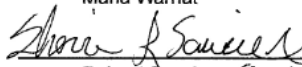
John Abucewicz - 71 Rich Lane


John Abucewicz

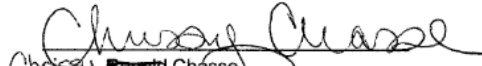
Maria Warnat - 63 Rich Lane


Maria Warnat

Roland Saucier - 7 Spark Ave


Roland Saucier & Sherri Saucier

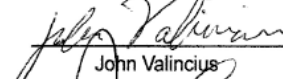
Renald Chasse - 53 Rich Lane


Chris Renald Chasse

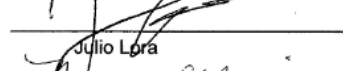
Nicole Belanger - 45 Rich Lane


Nicole Belanger

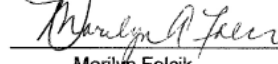
John Valincius - 58 Carpenter Ave


John Valincius

Julio Lora - 5 Arlene Dr


Julio Lora

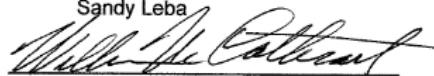
Marilyn Folcik - 50 Carpenter Ave


Marilyn Folcik

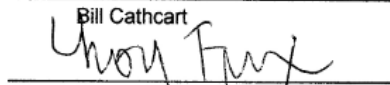
Sandy Leba - 31 Spark Ave


Sandy Leba

Bill Cathcart - 19 Spark Ave


Bill Cathcart

Lou Frutuoso - 46 Rich Lane


Lou Frutuoso

David Bush 18 SPARK AVE 
Deshawn Smith 56 Rich Ln 

Figure 83: Rich Lane Petition For Engineering Services



Department of Public Works | 860.584.6125

MEMORANDUM

DATE: October 5, 2023

TO: Mayor Jeffrey Caggiano
Capital Improvement & Strategic Planning Committee
Board of Public Works
FROM: Raymond A. Rogozinski, P.E., Director of Public Works

RE: **DPW CIP FY2023-24 PROJECT STATUS REPORT**

Please find attached a summary of the Department of Public Works FY 2023-24 Capital Improvement Projects. In addition, please find attached additional correspondence and reports associated with the Police Complex.

I am scheduled to attend the Committee's October 25, 2023 meeting. Please feel free to contact me with any questions or concerns at 860-584-6113.

DEPARTMENT OF PUBLIC WORKS - CIP PROJECT UPDATE						
October 6, 2023						
ITEM	Project	Description	Total Project Cost	City Funds	Grant Funding	Status
1	DPW Fleet Vehicle Lift - Public Works Garage	Replace DPW Fleet existing new high capacity truck lift (air actuated). Equipment will replace the Department's 66 ton (32 ft. long) existing lift that is 30 years old. Replacement parts difficult to obtain and the center roller jack mechanism is inoperable due to the in ability to obtain replacement parts. Safety inspection performed on a yearly basis and there is a high risk that a safety inspection with identify repairs that will be difficult to make due to difficulty obtaining replacement parts. The lift is primarily used to service DPW trucks, however it is the only high capacity lift in the City and at times is use to repair Park Dept. and Water/Sewer Dept. trucks. If the lift is taken out of service it will severely impact DPW ability to maintain fleet trucks and will increase the need for vender repairs. The Department's existing lift is equipped with a parallelogram lifting mechanism, the new lift with will be vertical.	\$140,000	\$140,000	LOCIP	Contract awarded, scheduled to be installed January 2024.
2	Police Court Complex MEP - Phase II, III and additional Phase I funding	Upgrades to Police Court Complex Heating and electrical systems. Phase 1 improvements consist of replacing the 2 existing stream boilers with 2 hot water boilers. The existing steam boilers feeds 2 heat exchanges that converts steams to hot water & directly feeds 4 of the building 5 air handlers with steam, therefore Phase 1 MEP improvements includes the replacement of AHU. Due to supply chain issues (long lead times), MEP Phase 1 work has been modified to install new coils in AHU in order to allow units to operate on hot water until new AHU units can be installed. There is an existing appropriation of \$1,900,000 FY22-23. DPW current request is for \$900,000, \$500,000 to complete Phase 1 (cost increase (\$300,000) and funding of swing space upgrades (\$200,000) & Phase II electrical switch gear replacement (original to building 44 yrs. old) \$400,000. Phase III improvements replace 10 unit heaters located throughout the building & garage & air handling units, bathroom exhaust fan system, emergency lighting, and primary and secondary server cooling unit for PD dispatch computer server (\$300,000).	\$3,100,000	\$3,100,000		See attached memorandum "POLICE COMPLEX – CAPITAL IMPROVEMENT & STRATEGIC PLANNING COMMITTEE" dated Oct 5, 2023
3	City Hall West - Swing Space Reuse	Renovate the Police Court Complex to support Probate Court, Emergency Management, and a portion of the Police Department on the 2nd floor of the Police Complex (space currently being used as City Hall West Temporary Space). The majority of the 2 nd floor space will be used by the Police Department's CID (Criminal Investigate Detective), a combined academic Police Department training room/ community room, Emergency Operations Center, along with an area to provide police physical training, commonly referred to as a mat room. The Police Department's Narcotics unit and the City's I.T. Department will remain on the 2nd floor space "as is." However, the 2 nd floor space will also be renovated to support the Probate Court and a new office for the Emergency Manager and CERT team. Renovations are also proposed within the existing Police Department space. The existing cell area, administrative offices, 911 dispatch call center, and Records Division will remain "as is," but the Patrol Division space will be renovated and expanded.	\$11,800,000	\$11,800,000		See attached memorandum "POLICE COMPLEX – CAPITAL IMPROVEMENT & STRATEGIC PLANNING COMMITTEE" dated Oct 5, 2023
4	East St Bridge Replacement	The project scope involves the superstructure and substructure replacement of the bridge carrying East Street over the Pequabuck River (Bridge No. 04487) in the City of Bristol, Connecticut. The existing bridge was originally constructed in 1900 and then reconstructed in 1929. It is considered to be structurally deficient due to its deck and superstructure condition rating of 4 (poor). The bridge's substructure has a condition rating of 6 (satisfactory). Overall, the structure evaluation rating is 4 (poor) with a Sufficiency Rating of 39.5%. ADT 2800. Bridge available for federal/local bridge program (80% Federal funded & 20% local funded).	\$4,800,000	\$0	\$4,800,000	Currently under design, construction scheudled for 2025
5	Animal Control Facility Replacement - New Building	Construct new / expanded animal control facility. Replacing the existing 2,355 SF building with a 4,015 SF building. The proposed animal control facility will be equipped with a quarantine area, wash room, deacon room, shower, office storage indoor & outdoor dog kennels, cat kennels, emergency power and a code complainant HVAC system.	\$2,970,000	\$2,970,000	Potential ARPA Funding (\$120,000 existing) - Additional \$50,000 for design funding	Concept Design/ Preliminary Report Complete, Building Committee scheduled to be formed at the October 10, 2023 City Council meeting
6	Andrew Ave Culvert	Replace existing 6 ft. wide stone walled culvert with concrete precast structure. Existing headwall has failed. Culvert rated by DOT as deficient (headwall). ADT 3100	\$1,100,000	\$550,000	State Local Bridge Program (50% funding available). ADT 3000	Application for funding under the State/local bridge program was NOT approved. DPW scheduled to re-submit. Issuance of RFP for Engineering design services schedulded for January, 2024.
8	Lake Ave Culvert at Mix Brook	Replace existing 7 ft. wide stone culvert with a new precast concrete structure. The existing structure has a deficiency rating of 57% due to the poor condition of the substructure, superstructure, deck and culvert geometry.	\$1,900,000	\$950,000	State Local Bridge Program (50% funding available). See comment for City portion of Engineering cost only.	Bridge approved for state/local bridge funding. Design complete, environmental permits and easements required. Scheduled for construction 2024.
9	Mellen Street Culvert (South St & Mem Blvd)	Replace existing 8 ft. wide stone culvert with a new precast concrete culvert. The existing culvert rating is 67% due to poor substructure and superstructure conditions. ADT 2800	\$1,800,000	\$900,000	State Local Bridge Program (50% funding available).	Application for funding under the State/local bridge program was NOT approved. DPW scheduled to re-submit. Issuance of RFP for Engineering design services schedulded for January, 2024.
10	Bike Path (Rockwel Park/ West End/ Bracket Park/Mem Blvd / Middle St)	A bike path along the Pequabuck River interconnecting Rockwell Park, West End, Bracket Park, Mem Blvd and Middle Street. NVCOG is currently performing a planning study of the project. It is anticipated that the project will include multiple pedestrian bridges across the Pequabuck River in the West End. The requested funding is for engineering and potential City matching funds for grants. It is anticipated that grants are available to fund a large portion of the project.	\$400,000	\$80,000	\$320,000	NVCOG completed concept /preliminary design plans. State/City agreement approved for execution by the State of Connecticut on October 6, 2023. DPW scheduled to issue RFP for Engineering Services in December 2023.



Department of Public Works | 860.584.6125

MEMORANDUM

DATE: October 5, 2023

TO: Mayor Jeffrey Caggiano
Capital Improvement & Strategic Planning Committee
Police Department
Board of Public Works

FROM: Raymond A. Rogozinski, P.E., Director of Public Works

RE: **POLICE COMPLEX – CAPITAL IMPROVEMENT & STRATEGIC PLANNING COMMITTEE**

The Department of Public Works received approval of an additional appropriation to upgrade mechanical systems and renovate the Police Complex office space in FY 2023-24. Funding was provided per DPW's request as two separate projects identified below:

1. Police Court Complex MEP - Phase II, III, and additional Phase I funding: Upgrades to Police Court Complex Heating and Electrical Systems. Phase 1 improvements consist of replacing the 2 existing steam boilers with 2 hot water boilers. The existing steam boilers feed 2 heat exchanges which convert steam to hot water, and directly feed 4 of the building's 5 air handlers with steam. Therefore, Phase 1 MEP improvements include the replacement of AHU. Due to supply chain issues (long lead times), MEP Phase 1 work was modified to install new coils in AHU in order to allow units to operate on hot water until new AHU units could be installed. DPW obtained an appropriation of \$1,900,000 FY22-23 and an appropriation of \$900,000 FY2023-24, which included: \$500,000 to complete Phase 1 (cost increase (\$300,000)), funding of swing space upgrades (\$200,000), and Phase II electrical switch gear replacement (original to building 44 yrs. old) \$400,000. Phase III improvements replace 10 unit heaters located throughout the building, garage, and air handling units; bathroom exhaust fan system; emergency lighting; primary and secondary server cooling unit for PD dispatch computer server (\$300,000).
2. Police Complex – Office Renovations: Renovate the Police Court Complex to support Probate Court, Emergency Management, and a portion of the Police Department on the 2nd floor of the Police Complex (space currently being used as City Hall West Temporary Space). The majority of the 2nd floor space will be used by the Police Department's CID (Criminal Investigate Detective), a combined academic Police Department training room/

community room, Emergency Operations Center, along with an area to provide police physical training, commonly referred to as a mat room. The Police Department's Narcotics unit and the City's I.T. Department will remain on the 2nd floor space "as is." However, the 2nd floor space will also be renovated to support the Probate Court and a new office for the Emergency Manager and CERT team. Renovations are also proposed within the existing Police Department space. The existing cell area, administrative offices, 911 dispatch call center, and Records Division will remain "as is," but the Patrol Division space will be renovated and expanded.

Funding for the renovation of approximately 17,500 SF of 2nd floor space to support Police Department, Probate Court, and Emergency management functions, along with the renovation of a portion of the Police Department's existing space was approved as part of the DPW CIP FY2023-24 budget. Architect design is \$450,000, with a total future appropriation of \$12,500,000.

Please find attached preliminary floor layout plans of the proposed Police Complex renovations.

The proposed HVAC project consisted of replacing the building's major equipment (boiler & electrical switch gear) located in the mechanical rooms in the basement. The Department planned the issuance of an RFP to procure the services of architecture design service to renovate the building in August 2023, however, **the following items have put issuance of a RFP for architectural renovation services on hold:**

- A. DPW HVAC engineering consultant, Vans Elm Engineering, completed design of HVAC improvements including preparation of a third-party cost estimate confirming the CIP budget (\$3,100,000). The City bid the project and received two bids with a low bid of \$5,298,000 (approximately \$2,198,000 over budget). The Board of Public Works voted to reject all bids at its August 2023 meeting. DPW met with the low bidder contractor, AirTemp Mechanical Inc., and the engineer Vans Elm Engineering Inc. to identify potential value engineering items. Approximately \$400,000 of potential savings/project cost reductions were identified and it is generally believed that the high bid was in part due to the high HVAC projects within the state funded through ARPA appropriation in response to COVID. With that said, it is not anticipated that the work will be completed within the FY 2023-24 budget of \$3,100,000.
- B. Police Complex – Parking Garage: DPW funded an evaluation of a Police Complex parking garage to identify deficiency (report attached). The report prepared by Desman Associates (designer of the City's Hope St parking garage and the Meadow/Kelly parking garage). The report identifies a number of deficient items the most costly/severe being the recommended replacement of the parking garage's top concrete slab. Desman indicates that the garage is NOT currently structurally compromised, however, due to the high moisture content in the concrete slab, the steel reinforcement is rusting which will degrade slab strength. Total recommended repair costs over a 3-5 year period is \$6,000,000. Desman has stated that the slab replacement work can be performed with the building occupied, however, use of parking garage will not be available. Please find attached, the referenced Desman Associated report.

DPW's combined CIP project cost, including previously presented future renovation cost is \$15,600,000 (HVAC \$3,100,000 & Renovation \$12,500,000). Required funding to complete proposed HVAC improvements (\$2,200,000), Renovation, and Desman Associates recommended repairs (\$6,000,000) would be approximately \$24,000,000, an additional \$8,200,000.



Department of Public Works | 860.584.6125

I have reviewed the Desman report with contractors, engineers, and architects on an informal basis, and the scope of recommended work and cost appears high. Therefore, additional analysis and engineers may be recommended to confirm the findings.

In response to the increased HVAC project cost (\$2,200,000), and the defined repair work by Desman Associates, the BPW established a committee consisting of the Police Department, Peter Fusco BOE, Roger Rousseau Purchasing, Frank Stawski BPW Commissioner, David Hartley BPW Commissioner and myself Public Works Director. The purpose of the committee was to review the building condition and consider if DPW should request additional funding (\$8,200,000) to complete HVAC renovations and parking garage repairs, or consider pursuing replacing the current/existing Police Complex with a new building.

It should be noted that the committee meeting was an initial meeting to discuss the options.

Additional work and information is required to pursue building options. Construction of a new Police Complex (2 story 170 ft. x 150 ft.) with a supporting 154 space parking garage was estimated between \$43,000,000 - \$46,000,000 million, including demolition of the existing complex (\$1,600,000), temporary space (\$1,300,000), building (\$25,500,000), site work (\$1,800,000), parking garage (\$7,200,000) and design/contingency cost (\$9,000,000).

Based on the preliminary estimates (\$24,000,000 building renovation, HVAC & parking garage repairs) and (\$43,000,000 - \$46,000,000 new building & separate parking garage) the Committee supported the construction of a new police complex on a new lot. The estimated \$43,000,000 - \$46,000,000 cost for a new police complex does not include acquisition of a new parcel, however, it does, as stated above, include the construction of a dedicated parking garage that may not be required if there is sufficient acreage for surface parking (PD has indicated a need for covered parking for PD cruisers during shift changes). Potential lots suitable for a new police complex may be the Barnes Mfg. parcel at East & South, the former Chic Miller lot at West St & South St, and the City's existing Centre Square lot south of Wheeler. With that said, neither the Barnes Mfg. parcel nor the Chic Miller lot are currently available for sale and the City's Centre Square lot is slated for future development.

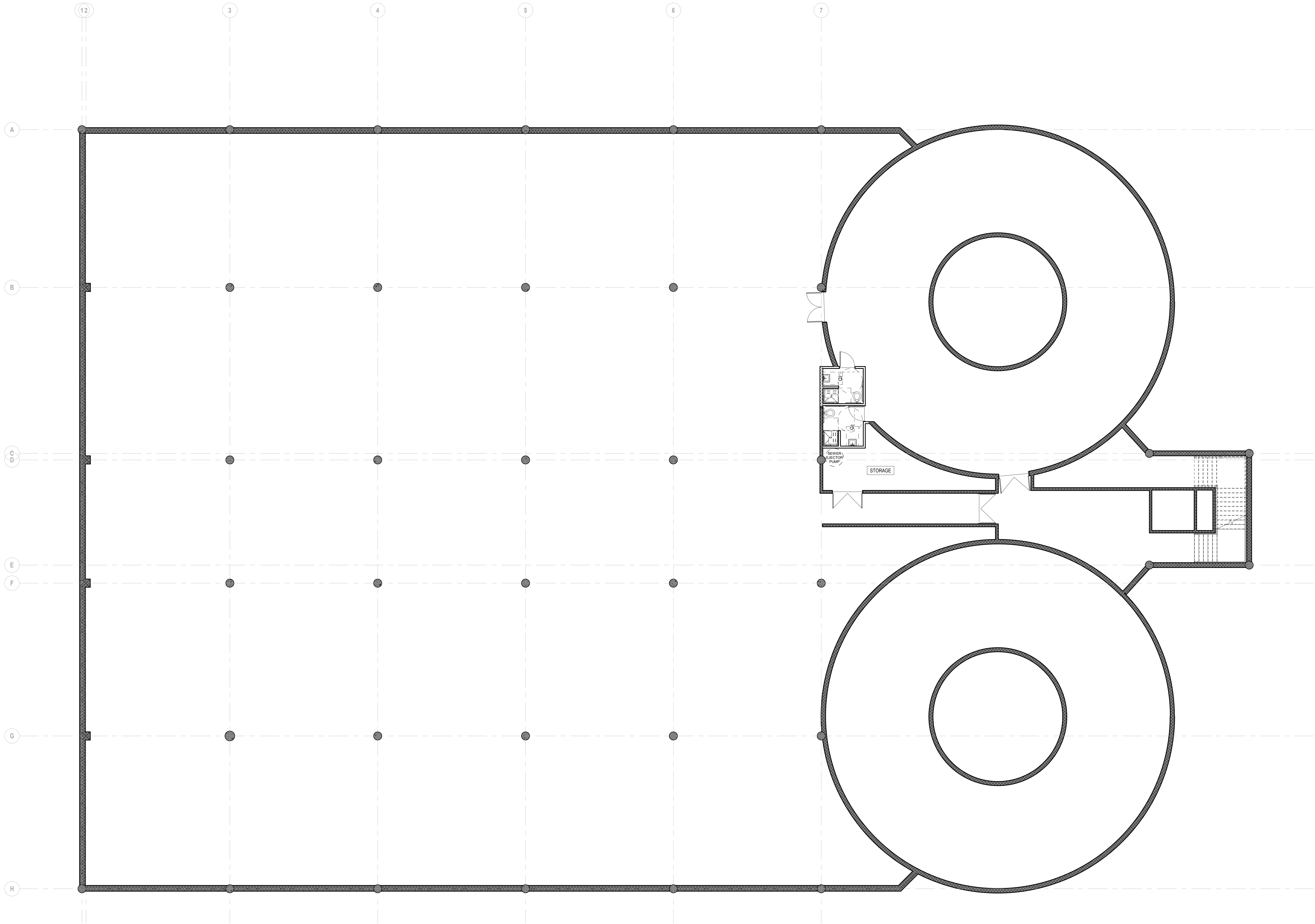
It should also be noted, that the projects to upgrade HVAC, renovate/ expand Police Department office space and repair the parking garage for an estimated cost of \$23,000,000 are not equivalent to the construction of a new building (estimated cost of \$43,000,000). The HVAC upgrade, office renovations and garage repairs will not "renovate as new" the entire building, however they will address the major building issues.

Committee members appeared to support the construction of a new police complex due to the current layout deficiencies of the building (combined office and parking garage), condition of the building and future needs of Police Department. As Director of Public Works, I personally recommend performing additional engineering to confirm Desman's assessment (need to replace

concrete slabs) and proceeding with HVAC and renovation. DPW requests that Capital Improvement & Strategic Planning Committee add this item to the Committee's meeting agenda and/or provide Capital Improvement & Strategic Planning Committee members to the existing BPW subcommittee to review this matter further.

I would state that it is important to obtain information directly from the Police Department. I will be attending the Committee's October 25, 2023 meeting. Please feel free to contact me with any questions or concerns at 860-584-6113.

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1 LEVEL G FLOOR PLAN
A1.0 1/8" = 1'-0"

NOT FOR CONSTRUCTION
ISSUED FOR REVIEW ONLY

A SPACE STUDY FOR
**PROBATE, EMER.
MGMT &
POLICE DEPT.**
BRISTOL, CT
Project #: 22-104

Revisions
Issue Dates:



ISSUED FOR REVIEW:
MAY 8, 2023

LEVEL G FLOOR PLAN

A1.0

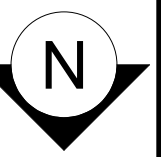
NOT FOR CONSTRUCTION
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A SPACE STUDY FOR
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Project #: 22-104

Revisions: _____

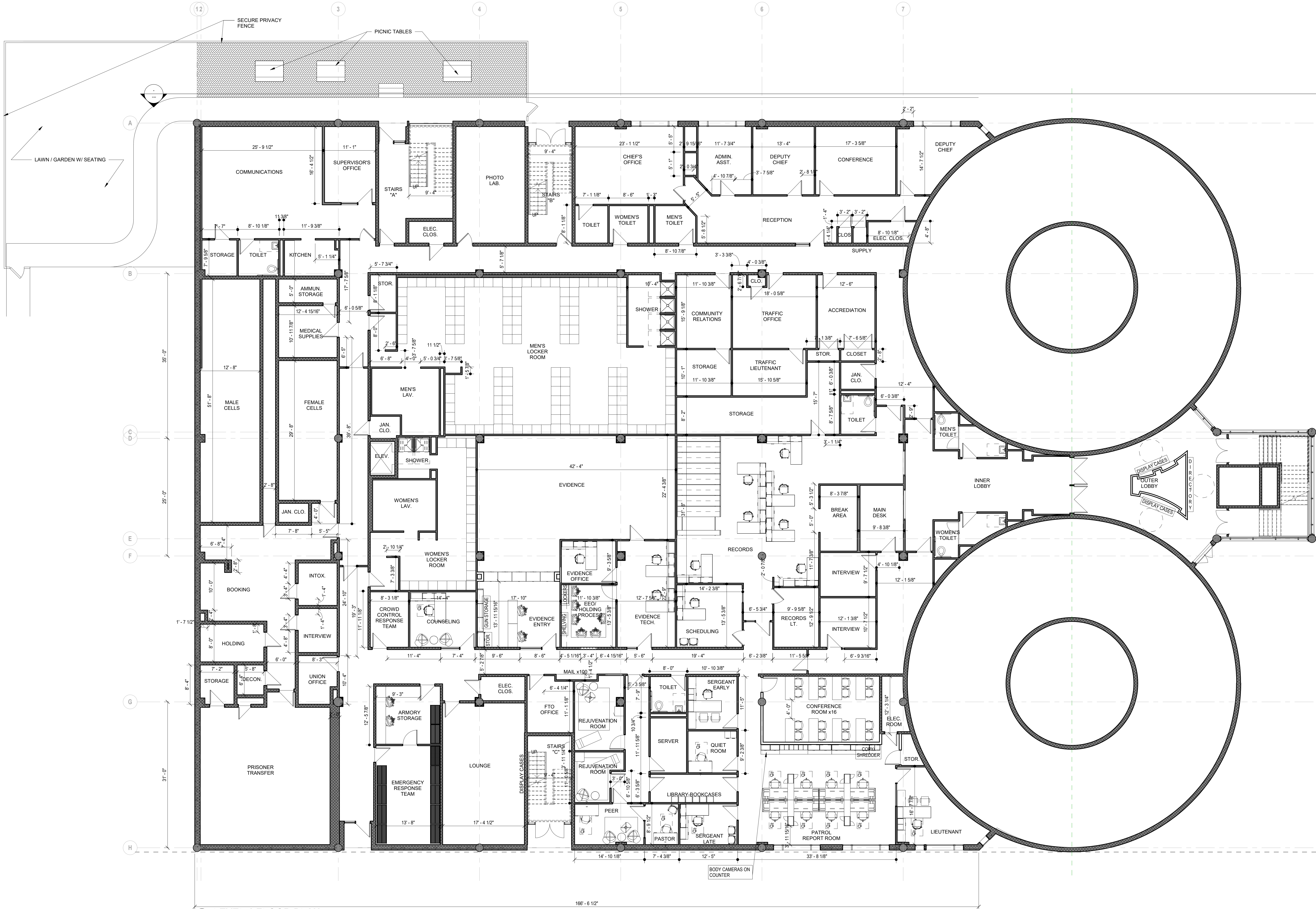
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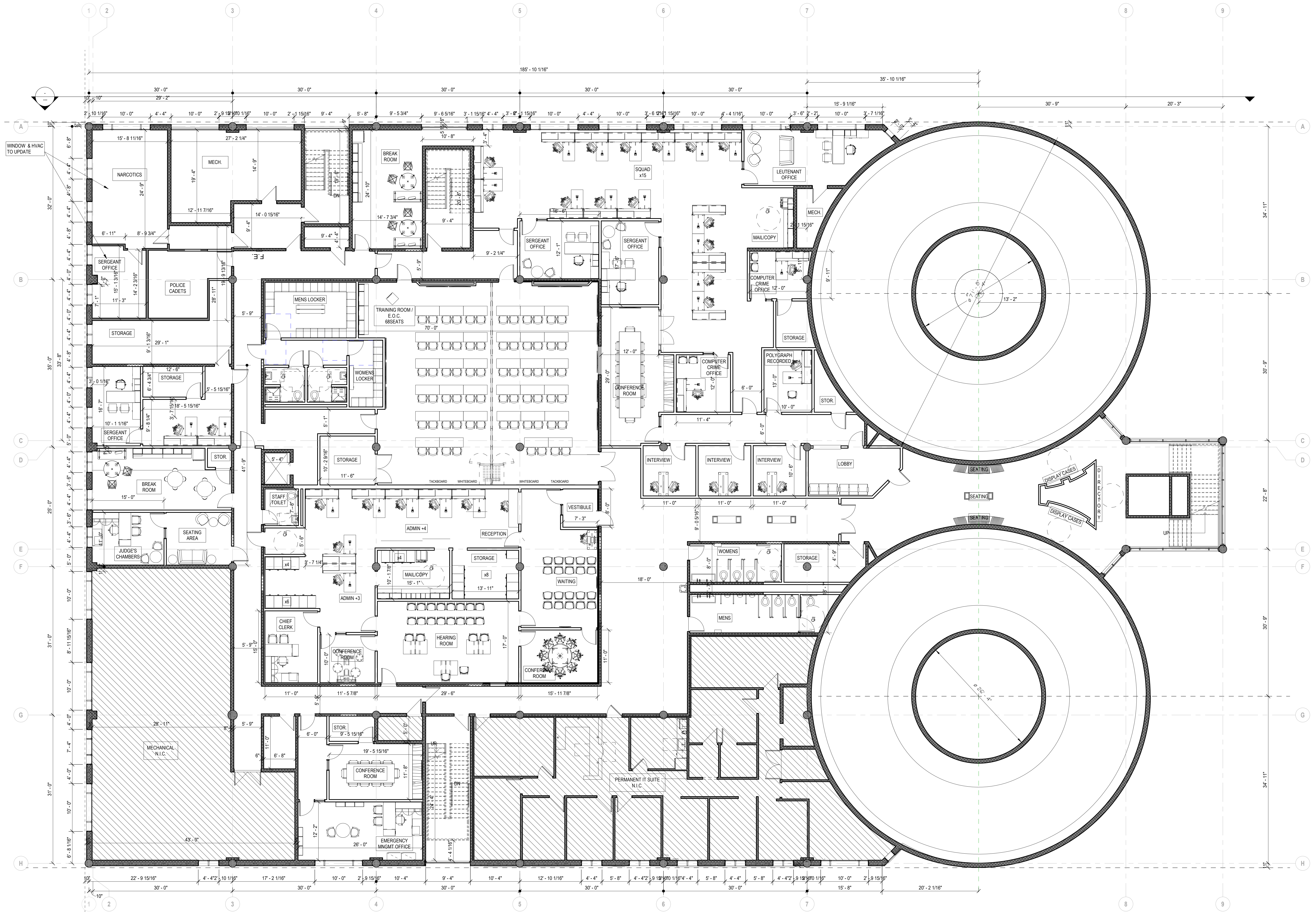
ISSUED FOR REVIEW:
MAY 8, 2023

LEVEL 1 FLOOR PLAN

A1.1



1 LEVEL 1 FLOOR PLAN
A1.1 1/8" = 1'-0"



1 LEVEL 2 FLOOR PLAN
A1.2 1/8" = 1'-0"

NOT FOR CONSTRUCTION
ISSUED FOR REVIEW ONLY

A SPACE STUDY FOR
**PROBATE, EMER.
MGMT &
POLICE DEPT.**
BRISTOL, CT

Project #: 22-104

Revisions
Issue Dates:



ISSUED FOR REVIEW:
MAY 8, 2023

LEVEL 2 FLOOR PLAN

A1.2

April 21, 2023

Mr. Raymond Rogozinski, PE
Director
DEPARTMENT OF PUBLIC WORKS
CITY OF BRISTOL
111 North Main Street
Bristol, CT 06010

Re: *Evaluation and Condition Assessment Letter Report*
Bristol Police/Courthouse Parking Garage
 131 North Main Street
 Bristol, Connecticut
 DESMAN Project No. 20-22160.00-2

Dear Mr. Rogozinski:

As requested by the City of Bristol (**City**), and pursuant to **DESMAN**'s proposal dated September 29, 2022, subsequently executed by **City** via purchase order on October 11, 2022 and amended on January 17, 2023, **DESMAN** performed a condition assessment of the facility, focusing on the structural systems and waterproofing components, along with the general condition of the related systems.

The Bristol Police/Courthouse Parking Garage located in Bristol, Connecticut, services primarily the Police Station and City offices, located at 131 North main Street, Bristol, Connecticut (***reference Locator Map***).



Locator Map, courtesy of www.google.com

There are two stairs located within the garage, that also provide access into the offices below, as well as sharing a main stair/elevator core, serving as the main entrance to the offices. A pedestrian bridge connects the parking to the adjacent City Hall.

The Parking Garage consists of two levels of parking which are located above the municipal facility, resulting in the parking actually being the third and fourth level of the facility. The decks are both roughly $\pm 186' \times 155'$, the third level consisting of a concrete topping slab above an intermediate waterproofing membrane on concrete slab (being the ceiling of the municipal facility below) and the fourth level consisting of concrete slab on steel framing (being the roof of the facility). The garage is accessed by two silo ramps, one for entry and one for exiting.

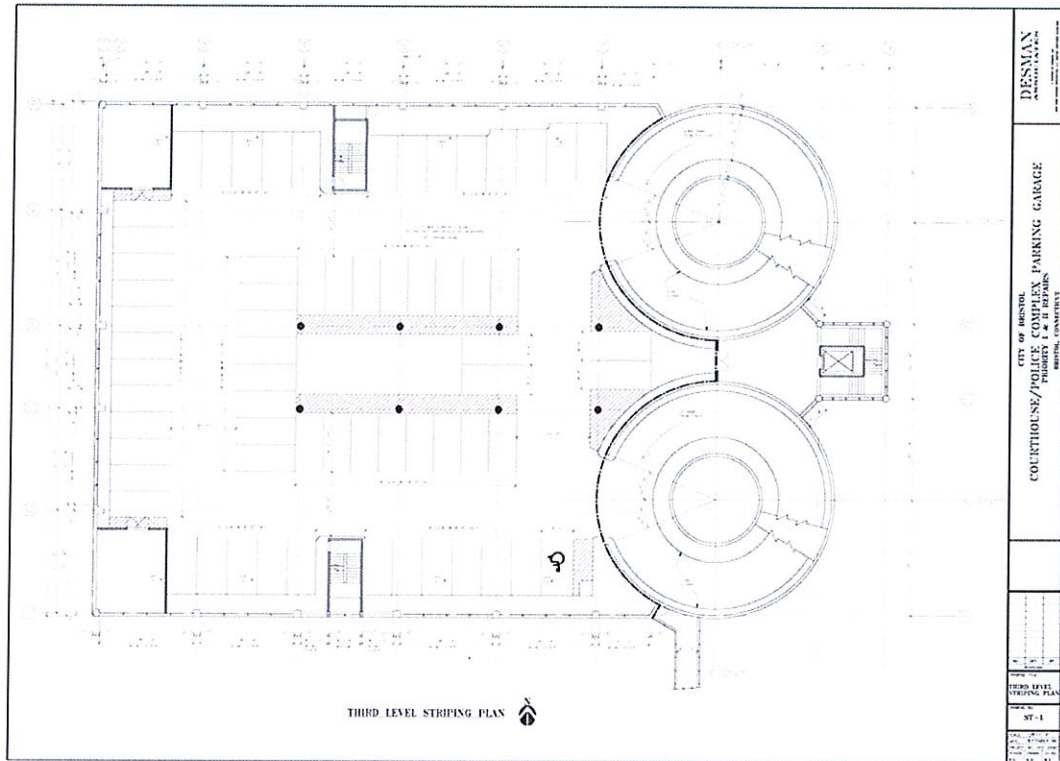


Figure 1: Third Level Striping Plan

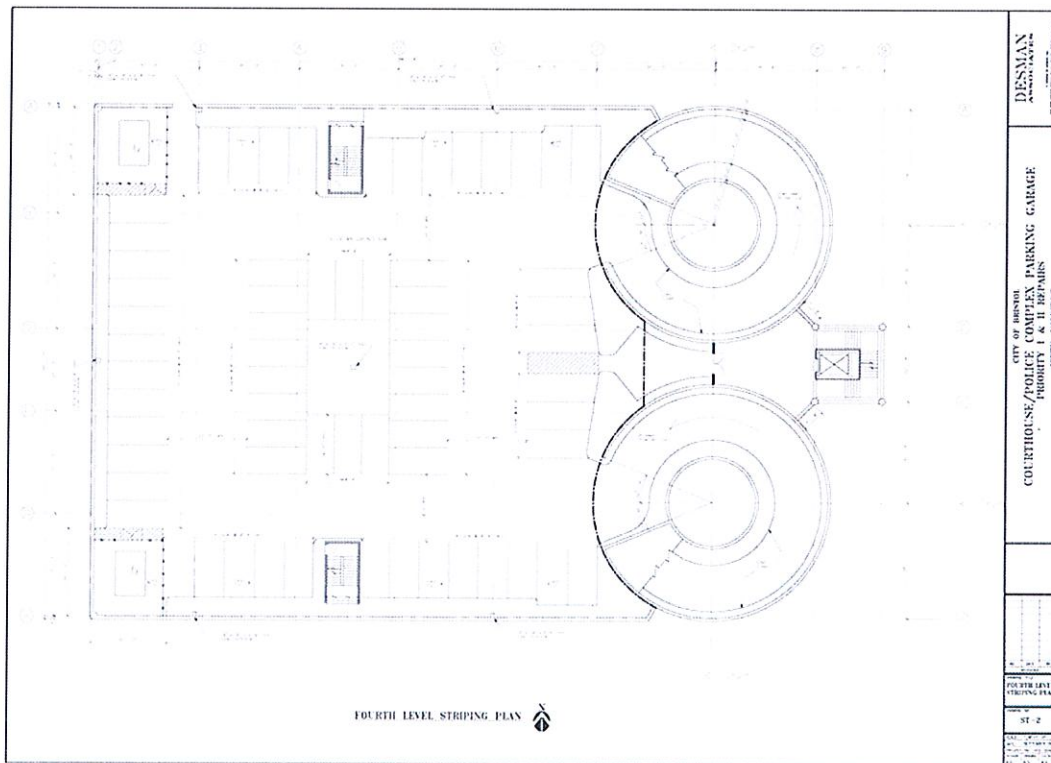


Figure 2: Fourth Level Striping Plan

While **DESMAN** does offer comment on the general condition of miscellaneous electrical components and their relationship and potential impact to the garage's structural system and waterproofing components, **DESMAN** did not review the apparent lighting levels. **DESMAN** also did not review the mechanical systems (i.e. fire protection, etc.) beyond general or visual conditions which may benefit from comment by **DESMAN**; **DESMAN** recommends that these systems be reviewed by a qualified consultant and/or maintenance company as appropriate.

Concrete Work:

The parking garage consists of two levels of differing structural configuration; the third level consists of a concrete topping slab above an intermediate waterproofing membrane on concrete slab and the fourth level (the roof) consists of concrete slab on steel framing. Both levels are in fair condition.

Upon visual review of the fourth level slab, significant moisture contamination was observed throughout the entire slab. Although a traffic bearing membrane is installed throughout the topside of the slab, therefore preventing the topside to be fully reviewed, cracking is observed throughout the soffit, allowing the moisture penetration to be visible.

In addition to the cracking, embedded materials, such as electrical conduit, can provide a means for moisture to enter the deck and travel throughout, thus supporting various deterioration mechanisms from within. The observed cracking may be a result of the embedded conduit as it may follow the arrangement of the conduit embedded within the concrete.

In addition to the visual review, concrete core samples were taken at multiple locations throughout the fourth level and measured for chloride-ion penetration, as well as petrographic analysis. Since concrete is a porous material, susceptible to water penetration which can carry water-soluble chlorides (de-icing salts) to the reinforcing steel, resulting in increased potential for deterioration, the measuring of water-soluble chlorides [commonly found in de-icing salts ("rock salt") used during the winter season and carried into the garage by cars] is a common and recommended practice. The combination of chlorides and water further accelerates the corrosion process.



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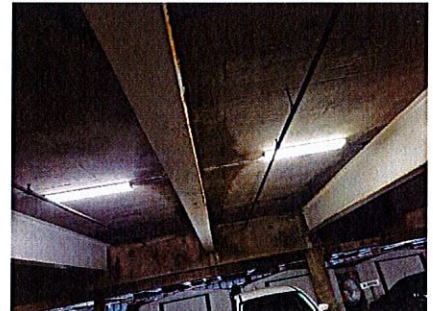


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Upon extracting the core samples and testing for chloride contamination and related petrographic analysis, the concrete, although showing signs of the noted deterioration, is of good quality (i.e. strength, minimal chloride contamination, etc.). In **DESMAN**'s experience, chloride-ion levels greater than 300 PPM to 400 PPM can increase the magnitude of freeze-thaw cycles and contribute to corrosion of the reinforcing steel. As a result of the testing (included with this report), chloride concentrations were measured in three of the cores ranging from <10 PPM to 440 PPM, with the fourth core reaching 730 PPM which may be an outlier.

Upon chain-dragging of the deck, significant delamination was found. Due to the existing membrane, though, it is unclear if the delamination is related to the debonded membrane or indicative of the deterioration below, or both. Regardless, **DESMAN** recommends that all deteriorated concrete be repaired and/or replaced.

That said, however, we also caution that while the deterioration may indeed be limited in a certain area, the extent of repair may expand when steel and embedded electrical conduit, corroded due to the moisture, are encountered.

Since the extent of deterioration cannot be determined with a reasonable level of certainty until after the existing membrane is removed and the concrete slab is exposed, we recommend that the **City** program for the full removal and replacement of the slab. For budgetary purposes, we have included what we view as the reasonable extent of repair in the "base" of the opinion of cost that we anticipate, followed then by the expanded scopes as part of "Long-Term" repairs.

Since the existing embedded electrical conduit infrastructure will be demolished with a full slab replacement, we recommend that the electrical and lighting system be upgraded accordingly, including new conduit be installed, surface-mounted to the underside of the slab.

The third level floor slab, while not visibly exhibiting the extent of moisture contamination as the fourth level, it is showing signs of age and wear-and-tear typically in the form of extensive surface scaling. Upon chain-dragging of the deck, significant delamination was also found as well.

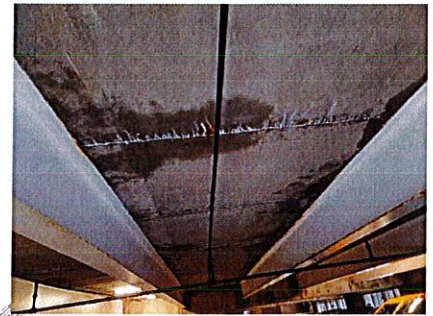


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Photo No. *



Photo No. *

The third level is a split-slab configuration consisting of a concrete topping above an intermediate membrane system, all above a concrete slab. Therefore, we anticipate that the majority of concrete repair will be related to the concrete topping. The intermediate membrane system, as it becomes exposed, may require some or all replacement in addition. We recommend that contingency be planned to accommodate any full-depth repair that may be encountered.

Following the repair work, the remaining scaled concrete surface can be addressed by the installation of a new heavy-duty membrane system; since the third level consists of an intermediate waterproofing membrane, the system will need to incorporate a vapor barrier/epoxy primer system, which can also address the surface scaling and other minor defects.

Miscellaneous concrete curb deterioration was observed throughout the garage, apparently related to vehicle impact or plowing, as well as original quality control issues such as insufficient coverage of reinforcing steel. **DESMAN** recommends that all damaged and/or deteriorated curbing be repaired with an appropriate polymer-modified concrete repair mortar. When the fourth level slab is repaired/replaced, the curbing throughout the fourth level will also need to be repaired/replaced.

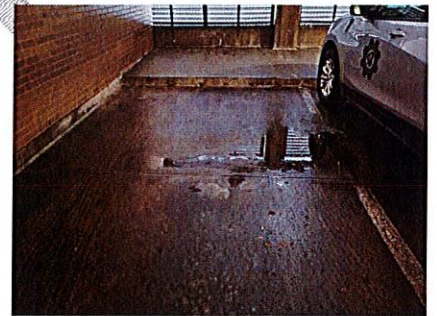


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The entrance into and exit from the garage are provided by two helix ramps, each one consisting of one-way traffic. The floor slab throughout the ramps are exhibiting cracking and spalling with corroded reinforcing visible in some areas. Our chain-drag revealed significant delamination in these areas. Due to the extent of overhead deterioration and embedded electrical conduit, we anticipate that the repair work would consist of full-depth repair. Upon completion of the repair work, we recommend that the floor surfaces be further protected by the installation of a heavy-duty traffic bearing membrane system.



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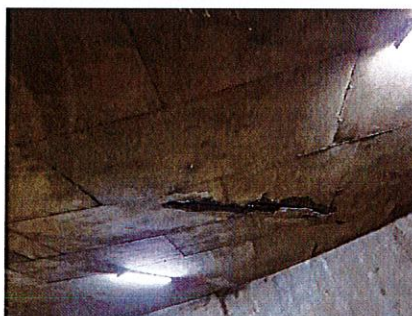


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A small area of slab-on-grade concrete is located at the bottoms of the helix ramps; although the repair of these areas tends to be a lesser priority, we did observe cracking throughout. We recommend that these areas be monitored to avoid potential trip-and-fall hazards.

Waterproofing:

- As a general rule, the life expectancy of joint sealant is between 8 to 12 years depending on exposure and level of usage. Roof level joints, though, are exposed to more aggressive circumstances due to environmental conditions and snow plow damage.

Repairs to leaking joints typically requires that old sealant material be entirely removed down to bare concrete, the edges detailed and the substrate properly primed prior to new polyurethane sealant material being installed. Limited "spot" repair of joints can be problematic as new polyurethane sealant materials do not adhere well to preexisting or previously cured polyurethane sealant. "Spot" repairs can be accomplished, but the pre-existing sealants must be thoroughly cleaned and wiped down with solvents to soften the surface and enhance the bond between old and new materials. Unless there is truly only limited joint failures, **DESMAN** typically recommends that the entire length of joint be removed and repaired in its entirety.

While "spot" repair may be considered acceptable along certain joints, full replacement would provide a uniform life expectancy for all the sealant, as well as also avoiding varying and multiple warranties on the new sealant.

The joint sealant throughout the fourth level is not visible due to the membrane system; while the joint sealant throughout the third level is visible on the surface, the underside is not visible due to the offices below. Therefore, when the membrane system is replaced on the fourth level and a new membrane system is installed on the third level (or leaking is specifically observed, if sooner), we recommend that all joint sealant be replaced.



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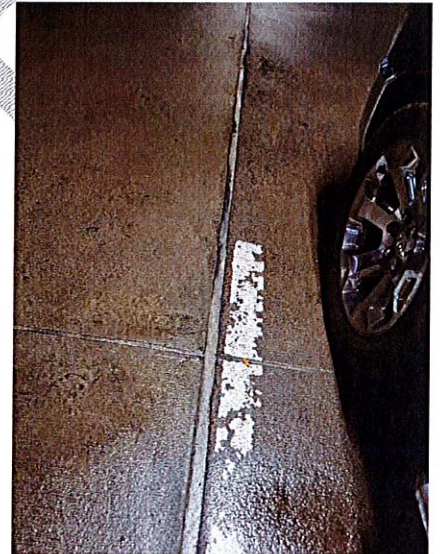


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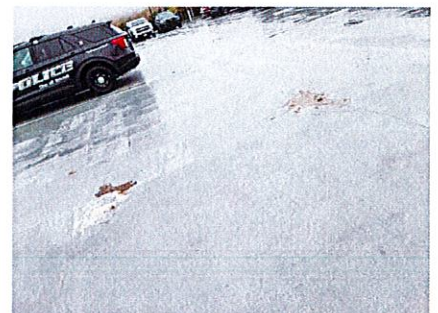


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- As noted, a traffic bearing membrane system was previously installed throughout the fourth level of the garage, as well as the roof of the helix silos. Traffic bearing membranes are approximately 85%-90% effective as moisture and chloride screens inhibiting future chloride-ion migration into the deck. An elastomeric membrane will also traverse cracks that may form and joints that may be tooled. Upon completion of a membrane installation, though, **DESMAN** recommends developing a yearly service contract with a qualified waterproofing contractor to assure that damaged portions of the membrane are successfully repaired each spring and autumn. It is important that all damage to waterproofing membranes be repaired, as continued and progressive debonding of the membrane will result if left unattended.

Over the years, the membrane system, throughout the fourth level, has been repaired and, we understand, recently recoated. **DESMAN** observed that age and wear-and-tear have made the continued recoating less cost-effective versus removal and re-installation and therefore, we recommend that the membrane be removed in its entirety and a new system be installed. We also recommend that a traffic bearing membrane be installed throughout the third level and the helix ramps as well.

- Expansion joints are currently installed along the interface of the helix ramps to the parking deck floors. Expansion joints are typically created within a structure to allow for thermal movements within the structure in response to ambient temperature variation and are also sometimes necessary to separate structural elements which are anticipated to move contrary to one another due to differential settlement or potential seismic activity. These expansion joints need to be closed off to prevent water infiltration through the joint opening or to allow for a smooth transition between adjoining structural elements; typically, a flexible material or gland is designed to handle the extent of movements experienced. These glands can be comprised of any number of materials and need to be tough enough to handle vehicular and/or pedestrian traffic as may be required and still allow for unimpeded pedestrian access.



Photo No. *



Photo No. *



Photo No. *



Photo No. *

As we understand, the current joint glands date back to 25 years ago and therefore have reached the end of their useful life. We therefore recommend that the glands be removed and new glands be installed.

DESMAN observed miscellaneous shallow cracking and scaling throughout the surfaces of the spandrels, most specifically the spandrels of the roof level, especially when wet, as well as some form of previous coating. Although the cracking is not uncommon and **DESMAN** does not consider the integrity of the surfaces to have been compromised, **DESMAN** recommends that the condition be monitored. In the long-term, continued moisture contamination will be detrimental to the surfaces' condition. **DESMAN** recommends that the condition be monitored and the application of a waterproofing coating be programmed accordingly to protect the various surfaces and enhance their longevity.

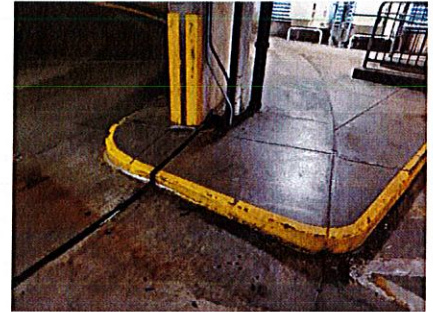


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Exterior of Stair Enclosures:

Upon our field review, we observed that the roofs of the stairs and related masonry enclosures have had issues keeping waterproofed and dry. Due to the porous nature of the brick work, we recommend that the brick be repointed, the sealants be replaced, and a waterproofing coating be applied, all in conjunction with replacement of the coating system on the roofs.



Photo No. *

Coating to Silo Exteriors and Upper Level Exteriors:

The exterior surfaces of the entry and exit silos are also exhibiting miscellaneous deterioration, and have previously been coated with some form of cementitious coating. Similarly, the exterior of the upper levels of the parking garage (fourth level) are also showing indications of miscellaneous deterioration. We recommend that all deterioration be repaired and, following removal of failed and/or debonded areas of the existing coatings, a new coating be applied.



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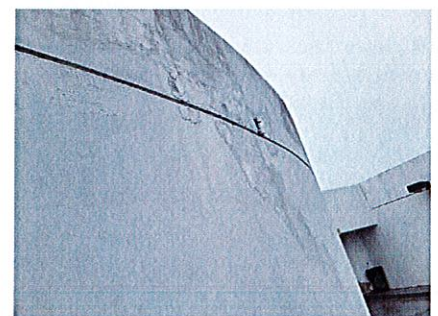


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Plumbing Repairs and Improvements:

- Existing floor drainage is in fair condition; leakage and corroded piping was identified, and all components should be replaced with appropriate cast iron or PVC components as required to maintain the integrity of the system. **DESMAN** notes that, as part of this report, we only reviewed the piping that is currently exposed and did not review the piping that extends to the offices below.

The floor drains throughout the garage are all exhibiting significant corrosion. Since the majority of the drains require replacement of their grates as a minimum, **DESMAN** considers it beneficial to consider full drain replacement so that the bowls and drain bodies are all of the same model and vintage.

Minor areas of standing water, however, do exist as well and should be addressed with supplemental floor drains piped to the drainage system.

Any drainage system within a parking facility should be flushed and tested annually to prevent debris collection and checked for system leaks.

Miscellaneous Repairs and Improvements:

- Following completion of the applicable repair work, we recommend that all metals, specifically the steel framing, be re-painted.
- The doors and their frames, although in working condition, are exhibiting miscellaneous deterioration and corrosion at the base of the frames. We recommend that all the frames be repaired as required to maintain their functionality, followed then by re-painting.
- Following completion of repairs, **DESMAN** recommends that all traffic markings (i.e. parking stalls, directional arrows, etc.) be re-painted, including updates to ADA requirements as may be required. **DESMAN** recommends that all conflicting markings, if any, first be removed prior to re-painting.



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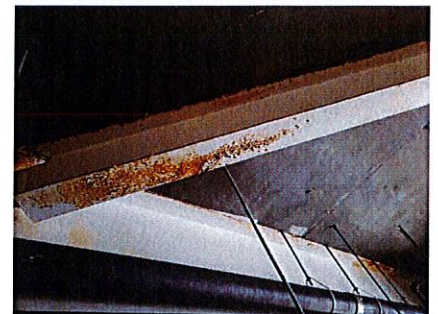


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For budgeting purposes, **DESMAN** has developed an opinion of probable cost for the repairs and improvements at the garage. Associated with these recommended repairs and improvements, **DESMAN** anticipates and recommends the following budgets (excluding design & engineering costs) be programmed by the City accordingly.

Opinion of Probable Construction Costs

Work Description	Single Phase
A. Concrete Repair:	
1 Replacement of 4th Level Floor Slab (TOTAL: 25,000 SF, ASSUME 25%)	\$ 468,750.00
2 Repairs to 3rd Level Floor Slab (including misc repair to intermediate membrane) (TOTAL: 25,000 SF, ASSUME 20%)	\$ 125,000.00
3 Repairs to Silo Floor Surfaces (TOTAL 21,500 SF, ASSUME 10%)	\$ 107,500.00
4 Miscellaneous Vertical/Wall Concrete Repair (allowance)	\$ 10,000.00
5 Concrete Curb Repair/Replacement (full 4th + misc 3rd)	\$ 150,000.00
B. Waterproofing:	
1 Installation/Replacement of Expansion Joint	\$ 52,500.00
2 Installation of Traffic Bearing Membrane (4th Level, including stair roofs)	\$ 137,500.00
3 Installation of Traffic Bearing Membrane (3rd Level, including vapor barrier)	\$ 187,500.00
4 Installation of Traffic Bearing Membrane (roof of Silos) (including misc repair)	\$ 65,000.00
5 Installation of Traffic Bearing Membrane (Floor Surfaces of Entry/Exit Silos)	\$ 118,250.00
6 Coating to Stair Enclosures, 4th Level (including exterior re-pointing & sealants)	\$ 100,000.00
7 Coating to Spandrels (including misc repair)	\$ 37,500.00
8 Coating to Exterior Surfaces of Silo and Parking Levels (including misc repair)	\$ 375,000.00
C. Mechanical, Electrical and Plumbing Repairs and Improvements:	
1 Installation/Replacement of New Floor Drains	\$ 67,500.00
2 Installation/Replacement of New Drain Piping	\$ 187,500.00
3 Replacement of Sand/Oil Separator (allowance)	\$ 50,000.00
4 Miscellaneous Electrical Repairs (assume existing will remain but allowance for replacement)	\$ 50,000.00
5 Temp Removal of Mech Equipment (allowance)	\$ 25,000.00
D. Architectural Repairs and Enhancements:	
1 Painting of Steel Framing	\$ 50,000.00
2 Painting of Striping and Traffic Markings	\$ 15,000.00
3 Replacement of Doors	\$ 50,000.00
4 Replacement of Lightening Arrestor System (allowance)	\$ 15,000.00
E. Miscellaneous Coordination Work:	
	\$ 122,200.00
F. Mobilization/Demobilization	
	\$ 122,200.00
Sub-TOTAL:	\$ 2,688,900.00
Construction Contingencies @ +/- 10%:	\$ 268,900.00
sub-Total Construction Costs with Contingencies:	\$ 2,957,800.00
LONG-TERM REPAIR SCOPE:	
1 Replacement of 4th Level Floor Slab (TOTAL: 25,000 SF, BALANCE OF 75%)	\$ 1,406,250.00
2 Repairs to 3rd Level Floor Slab (including misc repair to intermediate membrane) (TOTAL: 25,000 SF, ASSUME 50%)	\$ 625,000.00
3 Repairs to Silo Floor Surfaces (TOTAL 21,500 SF, ASSUME 30%)	\$ 325,000.00
4 Additional Miscellaneous Coordination Work	\$ 117,800.00
5 Additional Mobilization/Demobilization	\$ 117,800.00
Sub-TOTAL:	\$ 2,591,850.00
Construction Contingencies @ +/- 10%:	\$ 259,200.00
Total Construction Costs with Additional Scope & Contingencies:	\$ 5,808,850.00

DESMAN notes that certain costs in the projections presented may require adjustment if any re-prioritization, elimination or expansion of work is made. These costs would include mobilization/demobilization as well as those costs associated with miscellaneous coordination work. Impact to costs associated with an economy of scale may also need to be reconsidered.

The construction costs shown are based upon current prices in the New England area for labor, equipment and materials. The projected construction costs also include a 10% contingency factor to account for unforeseen conditions and uncertainties in the restoration market at the time of bidding. Should the **City** wish to budget for design and construction management fees, **DESMAN** recommends that the **City** assume an additional 5% of total construction cost, included as well, be considered as a reasonable estimate for the provision of these services.

Given the condensed site conditions and fully utilized nature of the garage, the offices below, and budget restraints, phasing may be needed to accommodate the traffic and parking needs of the parking garage. However, due to certain economies of scale, the total cost of capital repairs are expected to be lower if the recommended repairs are implemented as part of a single phase repair program in lieu of a phased repair program.

The following schedule has been prepared to allow a phased priority repair approach compared to a single phase option:

Opinion of Probable Construction Costs – Phased Approach

Work Description	Single Phase	Phase 1 Repairs	Phase 2 Repairs	Phase 3 Repairs
A. Concrete Repair:				
1 Replacement of 4th Level Floor Slab (TOTAL: 25,000 SF, ASSUME 25%)	\$ 468,750.00	\$ 246,093.75	\$ 258,398.44	\$ -
2 Repairs to 3rd Level Floor Slab (including misc repair to intermediate membrane) (TOTAL: 25,000 SF, ASSUME 20%)	\$ 125,000.00	\$ -	\$ 137,812.50	\$ -
3 Repairs to Silo Floor Surfaces (TOTAL 21,500 SF, ASSUME 10%)	\$ 107,500.00	\$ -	\$ 118,518.75	\$ -
4 Miscellaneous Vertical/Wall Concrete Repair (allowance)	\$ 10,000.00	\$ -	\$ 11,025.00	\$ -
5 Concrete Curb Repair/Replacement (full 4th + misc 3rd)	\$ 150,000.00	\$ 118,125.00	\$ 41,343.75	\$ -
B. Waterproofing:				
1 Installation/Replacement of Expansion Joint	\$ 52,500.00	\$ -	\$ 57,881.25	\$ -
2 Installation of Traffic Bearing Membrane (4th Level, including stair roofs)	\$ 137,500.00	\$ -	\$ 151,593.75	\$ -
3 Installation of Traffic Bearing Membrane (3rd Level, including vapor barrier)	\$ 187,500.00	\$ -	\$ -	\$ 217,054.69
4 Installation of Traffic Bearing Membrane (roof of Silos) (including misc repair)	\$ 65,000.00	\$ -	\$ 71,662.50	\$ -
5 Installation of Traffic Bearing Membrane (Floor Surfaces of Entry/Exit Silos)	\$ 118,250.00	\$ -	\$ -	\$ 136,889.16
6 Coating to Stair Enclosures, 4th Level (including exterior re-pointing & sealants)	\$ 100,000.00	\$ -	\$ 110,250.00	\$ -
7 Coating to Spandrels (including misc repair)	\$ 37,500.00	\$ -	\$ -	\$ 43,410.94
8 Coating to Exterior Surfaces of Silo and Parking Levels (including misc repair)	\$ 375,000.00	\$ -	\$ -	\$ 434,109.38
C. Mechanical, Electrical and Plumbing Repairs and Improvements:				
1 Installation/Replacement of New Floor Drains	\$ 67,500.00	\$ 53,156.25	\$ 18,604.69	\$ -
2 Installation/Replacement of New Drain Piping	\$ 187,500.00	\$ 147,656.25	\$ 51,679.69	\$ -
3 Replacement of Sand/Oil Separator (allowance)	\$ 50,000.00	\$ 52,500.00	\$ -	\$ -
4 Miscellaneous Electrical Repairs (assume existing will remain but allowance for replacement)	\$ 50,000.00	\$ 26,250.00	\$ 27,562.50	\$ -
5 Temp Removal of Mech Equipment (allowance)	\$ 25,000.00	\$ 13,125.00	\$ 13,781.25	\$ -
D. Architectural Repairs and Enhancements:				
1 Painting of Steel Framing	\$ 50,000.00	\$ -	\$ -	\$ 57,881.25
2 Painting of Striping and Traffic Markings	\$ 15,000.00	\$ 3,937.50	\$ 8,268.75	\$ 17,364.38
3 Replacement of Doors	\$ 50,000.00	\$ -	\$ 55,125.00	\$ -
4 Replacement of Lightning Arrestor System (allowance)	\$ 15,000.00	\$ -	\$ 8,268.75	\$ 17,364.38
E. Miscellaneous Coordination Work:				
	\$ 122,200.00	\$ 33,000.00	\$ 57,100.00	\$ 46,200.00
F. Mobilization/Demobilization				
	\$ 122,200.00	\$ 33,000.00	\$ 57,100.00	\$ 46,200.00
Sub-TOTAL:	\$ 2,698,900.00	\$ 726,843.75	\$ 1,255,976.56	\$ 1,016,474.16
Construction Contingencies @ +/-10%:	\$ 269,890.00	\$ 72,700.00	\$ 125,600.00	\$ 101,600.00
sub-Total Construction Costs with Contingencies:	\$ 2,957,800.00	\$ 799,543.75	\$ 1,381,576.56	\$ 1,118,074.16
LONG-TERM REPAIR SCOPE:				
1 Replacement of 4th Level Floor Slab (TOTAL: 25,000 SF, BALANCE OF 75%)	\$ 1,406,250.00	\$ 738,281.25	\$ 775,195.31	\$ -
2 Repairs to 3rd Level Floor Slab (including misc repair to intermediate membrane) (TOTAL: 25,000 SF, ASSUME 50%)	\$ 625,000.00	\$ -	\$ 689,062.50	\$ -
3 Repairs to Silo Floor Surfaces (TOTAL 21,500 SF, ASSUME 30%)	\$ 325,000.00	\$ -	\$ 358,312.50	\$ -
4 Additional Miscellaneous Coordination Work	\$ 117,800.00	\$ 36,900.00	\$ 91,100.00	\$ -
5 Additional Mobilization/Demobilization	\$ 117,800.00	\$ 36,900.00	\$ 91,100.00	\$ -
Sub-TOTAL:	\$ 2,591,850.00	\$ 812,081.25	\$ 2,004,770.31	\$ -
Construction Contingencies @ +/-10%:	\$ 259,185.00	\$ 81,200.00	\$ 200,500.00	\$ -
Total Construction Costs with Additional Scope & Contingencies:	\$ 5,808,850.00	\$ 1,692,825.00	\$ 3,586,846.88	\$ 1,118,074.16
* Design/Engineering/Construction Support (Allowance; approximate 5% of TOTAL to be finalized upon determination of intended Scope)	\$ 290,442.50	\$ 84,641.25	\$ 179,342.34	\$ 55,903.71
Total Phased Opinion of Construction Costs (including a cumulative 5% annual inflation for all costs, to be adjusted annually):	\$ 6,099,292.50	\$ 1,777,466.25	\$ 3,766,189.22	\$ 1,173,977.86
TOTAL Phased Construction Cost with Contingencies:				\$ 6,717,633.33

We suggest a meeting to be scheduled to review our findings, observe the conditions noted above and finalize a repair program for this facility.

Thank you,

DESMAN

Kenneth Sugarman
Senior Associate

cc: file
Tim Tracy, DESMAN

Enclosure: Field Coring Report, dated 2/14/2023, and Core Compression Test Report, dated 3/14/2023, prepared by Test-Con Inc.
Report of Chloride Analysis, dated 3/13/2023, Report of Petrographic Analysis, dated 3/16/2023, prepared by American Engineering Testing

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TEST-CON INCORPORATED

16 East Franklin Street

P. O. Box 3116

Danbury, CT 06813-3116

Phone: (203) 748-3012 Fax: (203) 778-0633

E-Mail: Service@test-con.com Web-Site: www.test-con.com

Construction Material Testing & Inspection - Geotechnical Services

FIELD CORING REPORT

Client:	Desman ATTN: Ken Sugarman 175 Capital Boulevard, Suite 402 Rocky Hill, CT 06067	Date:	2/14/2023
		Technician(s):	R. DeCesare/C. Parenty
		Weather:	Sunny, 48±°F
Project:	Courthouse/Police Complex Parking Garage 131 North Main Street Bristol, CT	Report #:	1 COR - FIELD

PROGRESS OF WORK: As requested, a Test-Con technician was at the job site to perform coring.

ID	Type of Test	Approximate Length of Core	Approximate Diameter of Core
CORE #1	Full Petrographic Analysis	3.50"	3.70"
CORE #2	Chloride Testing (3 tests on each core for top, middle & bottom layers)	3.70"	3.70"
CORE #3	Chloride Testing (3 tests on each core for top, middle & bottom layers)	3.70"	3.70"
CORE #4	Chloride Testing (3 tests on each core for top, middle & bottom layers)	3.50"	3.70"
CORE #5	Chloride Testing (3 tests on each core for top, middle & bottom layers)	3.70"	3.70"
CORE #6	Compression Testing	3.80"	3.70"

NOTES: Roof Slab Area.

Chin Okwuka

John Primus, PE

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03/29/2022



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16 East Franklin Street

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Danbury, CT 06813-3116

Telephone: (203) 748-3012 Fax: (203) 778-0633

E-Mail: Service@test-con.com Web-Site: www.test-con.com

Construction Material Testing & Inspection - Geotechnical Services

CORE COMPRESSION TEST REPORT

Client: Desman, Inc.
ATTN: Ken Sugarman
175 Capital Boulevard, Suite 402
Rocky Hill, CT 06067

Date: 3/14/2023
Technician: R. DeCesare
Report #: 1 CORE
Test Method: ASTM C42

Project: Courthouse/Police Complex Parking Garage
131 North Main Street
Bristol, CT

Progress of Work: Core samples were cut/trimmed, capped and tested. Results are as follows:

Identification #:	22651
LOCATION	CORE #6
Total Length of Core Recovered, inches; and No. of pieces of Core, in parenthesis	3.85
Sample Height, inches, after cutting and capping	4.10
Capping Material	Sulfur
Diameter, inches	3.70
Area, square inches	10.75
Height/Diameter Ratio	1.10:1
Total Load, lbs.	49190
Load, P.S.I.	4576
Correction Factor	0.887
Corrected P.S.I.	4060
Date Sampled	2/14/2023
Date Tested	2/15/2023
No. of End Cuts	N/A
Description of Reinforcing	N/A
Approximate Age of concrete	UNKNOWN
Approximate Casting Date	UNKNOWN

John Primus, PE

Chin Okwuka

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03/29/2022*



REPORT OF CHLORIDE ANALYSIS

Project:

Courthouse/Police Complex Parking Garage
131 North Main Street
Bristol, CT
Test-Con Project No.: Desman Inc.

Reported To:

Test-Con Incorporated
16 E Franklin St.
Danbury, CT 06810

AET Project No.: P-0020596

Attn: Chin Okwuka

Date: March 13, 2023

INTRODUCTION

This report presents the results of laboratory work performed by our firm on four (4) concrete core samples submitted to us by Chin Okwuka of Test-Con Incorporated on February 21, 2023. The scope of our work was limited to documenting the water-soluble chloride content at the top, middle, and bottom of the cores in accordance with ASTM C1218.

TEST PROCEDURES

Laboratory testing was performed on March 3, 2023, and subsequent dates in accordance with ASTM C1218-20, "Standard Test Method for Water-Soluble Chloride in Mortar and Concrete." The core samples were cut at the designated depths, crushed, dried in an oven, and processed to pass a U.S.A. Standard Test Sieve No. 20. Results presented in Table 1 are reported on a dry weight 105 °C basis.

REMARKS

The test sample(s) will be retained for a period of at least sixty days from the date of this report. Unless further instructions are received by that time, the sample(s) may be discarded. The test results relate only to the sample(s) tested. No warranty, expressed or implied, is made.

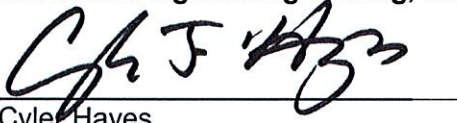
Report Prepared by:

American Engineering Testing, Inc.


Kattie Reamer
Chemist I

Report Reviewed by:

American Engineering Testing, Inc.


Cyler Hayes
Senior Chemist / Chemistry Lab Manager
chayes@teamAET.com
Work: 651-603-6605

550 Cleveland Avenue North | Saint Paul, MN 55114

Phone (651) 659-9001 | (800) 972-6364 | Fax (651) 659-1379 | teamAET.com | AA/EEO

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TEST RESULTS

Table 1 – Water-Soluble Chloride Content

<u>Sample Identification</u>	<u>Sample Depth, in.</u>	<u>By Mass of Sample</u>	
		<u>%</u>	<u>ppm (mg/kg)</u>
Core #2	0 - ½	0.051	510
	1½ - 2	0.058	580
	2½ - 3	0.073	730
Core #3	0 - ½	0.044	440
	1½ - 2	0.002	20
	2½ - 3	< 0.001	< 10
Core #4	0 - ½	0.008	80
	1½ - 2	0.001	10
	3 - 3½	0.001	10
Core #5	0 - ½	0.010	100
	1½ - 2	0.030	300
	3 - 3½	0.030	300



REPORT OF PETROGRAPHIC ANALYSIS

Project:

Courthouse/Police Complex Parking Garage
131 North Main Street
Bristol, CT
Test-Con Project No.: Desman Inc.

Reported To:

Test-Con Incorporated
16 E Franklin St.
Danbury, CT 06810

AET Project No.: P-0020596

Attn: Chin Okwuka

Date: March 16, 2023

INTRODUCTION

This report presents the results of laboratory work performed by our firm on the topping concrete of one of the five concrete core samples submitted by Chin Okwuka of Test-Con Incorporated on February 21, 2023. We understand the concrete cores were obtained from a concrete slab at the above-referenced project location. The age of the concrete was unknown to us. The scope of our work was limited to performing petrographic analysis on core #1 to document the general overall condition of the concrete. Cores labeled 2, 3, 4 and 5 were received for chloride ion content analysis, the results will be reported separately.

CONCLUSIONS

Based on our observations and analysis:

1. The overall condition of the topping concrete in core #1 was judged to be good. The topping concrete did not exhibit any evidence of gross deterioration mechanisms such as expansive alkali-aggregate reactivity, or freeze/thaw damage. The topping concrete exhibited a screeded finish and was overlain by a multi-layer coating system. The topping concrete was well adhered to the base concrete and to the coating system. The presence of several thin, predominantly sub-horizontal bleedwater voids within the top 4 mm (5/32") of the topping concrete was an indication of premature finishing, creating a low permeability top surface and trapping the bleedwater below.
2. The topping concrete was produced as a portland cement only mix which contained quarried, and crushed basalt coarse aggregate and a manufactured (crushed) fine aggregate and was of good to fair quality. The topping concrete was placed with a moderate to moderately low water-to-cement ratio (w/c) estimated to be between 0.40 and 0.50. The mottled paste color observed was an indication of incomplete mixing at the time of placement.

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SAMPLE IDENTIFICATION

Sample Type: Hardened Concrete Cores

<u>Sample ID</u>	<u>Diameter</u>	<u>Length</u>
#1	95 mm (3-3/4")	89 mm (3-1/2")
2	95 mm (3-3/4")	89 mm (3-1/2")
3	95 mm (3-3/4")	102 mm (4")
4	95 mm (3-3/4")	95 mm (3-3/4")
5	95 mm (3-3/4")	95 mm (3-3/4")

TEST RESULTS

Our complete petrographic analysis documentation appears on the attached sheets entitled 24-LAB-001 "Petrographic Examination of Hardened Concrete, ASTM C856." A brief summary of the general physical characteristics of the concrete is as follows:

1. The coarse aggregate was comprised of 7 mm (1/4") nominal sized quarried and crushed basalt appeared well graded and exhibited fair overall distribution. The fine aggregate was a manufactured (crushed) quartz, feldspar, and lithic sand.
2. The overall paste color was mottled medium gray and medium light gray. The paste hardness was judged to be moderate within the medium gray paste and moderately soft within the medium light gray paste. The paste/aggregate bond was considered good.
3. The top surface condition was fairly rough screeded and overlain by a multi-layer coating system. The depth of carbonation ranged from a minimum of 2 mm (1/16") to 7 mm (1/4") from the top surface.
4. The w/c was estimated to be between 0.40 and 0.50 with approximately 4 to 8% residual portland cement clinker particles. No supplementary cementitious materials were observed in the concrete sample.

AIR CONTENT TESTING

<u>Sample ID</u>	<u>Total Air Content (%)</u>	<u>"Entrained" Air (%) void <1 mm (0.040")</u>	<u>"Entrapped" Air (%) voids >1 mm (0.040")</u>	<u>Spacing Factor, in.</u>
#1 - Topping	3.5	2.0	1.5	0.036

TEST PROCEDURES

Laboratory testing was performed on February 22, 2023 and subsequent dates. Our procedures were as follows:

1.0 Petrographic Analysis

A petrographic analysis was performed in accordance with AET Standard Operating Procedure 24-LAB-001, "Petrographic Examination of Hardened Concrete," ASTM C856-latest revision. The petrographic analysis consisted of reviewing the cement paste and aggregate qualities on a whole basis on saw cut, lapped, and fractured sections. Reflected light microscopy was performed under an Olympus SZX-12 binocular stereozoom microscope at magnifications up to 160x. The depth of carbonation was documented using a phenolphthalein pH indicator solution applied on freshly saw cut and lapped surfaces of the concrete sample. The paste-coarse aggregate bond quality was determined by fracturing a sound section of the concrete in the laboratory with a rock hammer.

The water/cementitious of the concrete was estimated by viewing a thin section of the concrete under a Nikon E600 polarizing light microscope at magnifications of up to 600x. Thin section analysis was performed in accordance with Standard Operating Procedure 24-LAB-009, "Determining the Water/Cement of Portland Cement Concrete, AET Method." An additional, smaller, saw cut subdivision of the concrete sample is epoxy impregnated, highly polished, and then attached to a glass slide using an optically clear epoxy. Excess sample is saw cut from the glass and the thin slice remaining on the slide is lapped and polished until the concrete reaches 25 microns or less in thickness. Thin section analysis allows for the observation of portland cement morphology, including: phase identification, an estimate of the amount of residual material, and spatial relationships. Also, the presence and relative amounts of supplementary cementitious materials and pozzolans may be identified and estimated.

2.0 Air Content Testing

Air content testing was performed using Standard Operating Procedure 24-LAB-003, "Microscopical Determination of Air Void Content and Parameters of the Air Void System in Hardened Concrete, ASTM C457-latest revision." The linear traverse method was used. The concrete core was saw cut perpendicular with respect to the horizontal plane of the concrete as placed and then lapped prior to testing.

REMARKS

The test samples will be retained for a period of at least sixty days from the date of this report. Unless further instructions are received by that time, the samples may be discarded. Test results relate only to the items tested. No warranty, expressed or implied, is made.



We appreciate the opportunity to have been of service to you on this project. If you have any questions regarding the information presented in this report or if we can be of additional assistance, please contact us.

Report Prepared By
American Engineering Testing, Inc.

Sherry Malecha

Sherry Malecha
Senior Petrographer
smalecha@teamAET.com
Work: 651-659-1374

Christine A. Tillema

Christine A. Tillema
Senior Petrographer
ctillema@teamAET.com
Work: 651-659-1353

24-LAB-001 PETROGRAPHIC EXAMINATION OF HARDENED CONCRETE, ASTM C856

Project No.	P-0020596	Date:	3/2/2023	Date reviewed:	3/14/2023
Sample ID:	#1	Performed by:	C. Tillema	Reviewed by:	S. Malecha

I. GENERAL OBSERVATIONS

1. Sample Dimensions: Our analysis was performed on the up to 40 mm (1-9/16") thick topping concrete on two sides of a 95 mm (3-3/4") x 89 mm (3-1/2") x 28 mm (1-1/8") thick lapped profile section and a 76 mm (3") x 52 mm (2") thin section that were saw-cut and prepared from the original 95 mm (3-3/4") diameter x 89 mm (3-1/2") long composite core.
2. Surface Conditions:
Top: Fairly rough, screeded surface overlain by a multi-layer coating system.
Bottom: Rough, irregular fractured surface
3. Reinforcement: None observed.
4. General Physical Conditions: The sample was a composite core containing and up to 49 mm (1-15/16") thick base concrete, an up to 40 mm (1-9/16") thick topping concrete, and an up to 2.5 mm thick multi-layer coating system. The topping concrete was well adhered to the base concrete and the coating system was well adhered to the topping concrete. The top surface of the base concrete appeared mechanically abraded and exhibited an approximate concrete surface profile (CSP) of 7 to 8. Our analysis focused on the topping concrete.

A semi-circular, 10 mm (3/8") deep groove was cut into the top surface of the sample during sample procurement. The screeded top surface of the topping concrete exhibited an approximate concrete surface profile (CSP) of 3 to 4. Several, thin, elongate, predominantly sub-horizontal bleed water voids, up to 5 mm (3/16") in their longest dimension, were observed within the top 4 mm (5/32") of the topping concrete. Carbonation ranged from 2 mm (1/16") to 7 mm (1/4") depth from the top surface of the topping concrete. The topping concrete contained a small amount of spherical entrained-sized air voids. The air-void system was not consistent with current American Concrete Institute (ACI) recommendations for freeze-thaw resistance. White acicular ettringite thinly lined most air voids throughout the non-carbonated paste.

The information in sections II and III refers to the topping concrete unless otherwise specified.

II. AGGREGATE

1. Coarse: 7 mm (1/4") nominal sized quarried and crushed basalt. The particles were mostly angular in shape. The coarse aggregate appeared well graded and exhibited fair overall distribution.
2. Fine: A manufactured quartz, feldspar, and lithic sand (basalt, and granite with several mica, amphibole, garnet, and iron oxide particles). The grains were mostly sub-angular with many smaller angular particles. The fine aggregate appeared fairly graded and exhibited good overall uniform distribution.

III. CEMENTITIOUS PROPERTIES

1. Air Content: 3.5% total
2. Depth of carbonation: Ranged from 2 mm (1/16") to 7 mm (1/4") depth from the top surface.
3. Paste/aggregate bond: Good
4. Paste color: Mottled medium gray and medium light gray (Munsell® N5 and N6).
5. Paste hardness: Moderate (Mohs $\approx$ 3) within the medium gray paste and moderately soft (Mohs $\approx$ 2.5-3) within the medium light gray paste.
6. Microcracking: None observed
7. Secondary deposits: White acicular ettringite thinly lined most air voids throughout the non-carbonated paste.
8. w/cm: Estimated at between 0.40 and 0.50 with approximately 4 to 8% residual portland cement clinker particles.
9. Cement hydration: Alites: moderate to fully
Belites: negligible to low

AIR VOID ANALYSIS

**Project:**

Courthouse/Police Complex Parking Garage
131 North Main Street
Bristol, CT
Test-Con Project No.: Desman Inc.

Reported To:

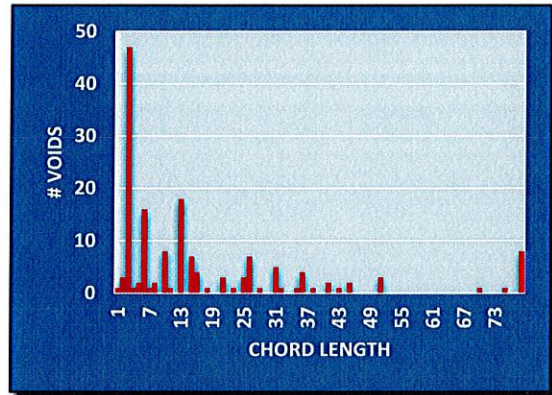
Test-Con Incorporated
16 E Franklin St.
Danbury, CT 06810

AET Project No.: P-0020596**Attn:** Chin Okwuka**Date:** March 16, 2023**Sample:** #1 - Topping**Conformance:** The sample contains an air void system which is not consistent with current American Concrete Institute (ACI) recommendations for freeze-thaw resistance.**Sample Data:**

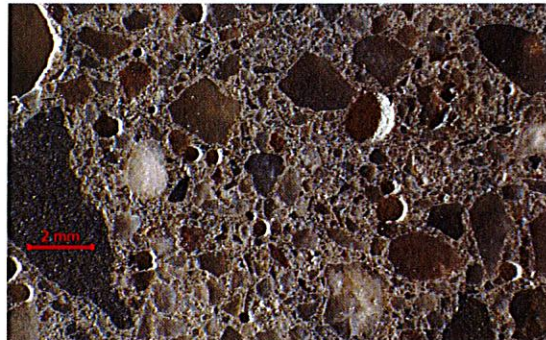
Description: Concrete Core
Dimensions: 95 mm (3-3/4") diameter x
89 mm (3-1/2") length

Test Data: By ASTM C457, Procedure A

Air Void Content, %	3.5
Entrained, % <0.40" (1mm)	2.0
Entrapped, % >0.40" (1mm)	1.5
Air Voids/inch	2.3
Specific Surface, in ² /in ³	260
Spacing Factor, inches	0.036
Paste Content, % estimated	33
Magnification	50x
Traverse Length, inches	70
Area Traversed, in ²	6
Test Performed By	W. Reely



Chord Length, in: 0.00079



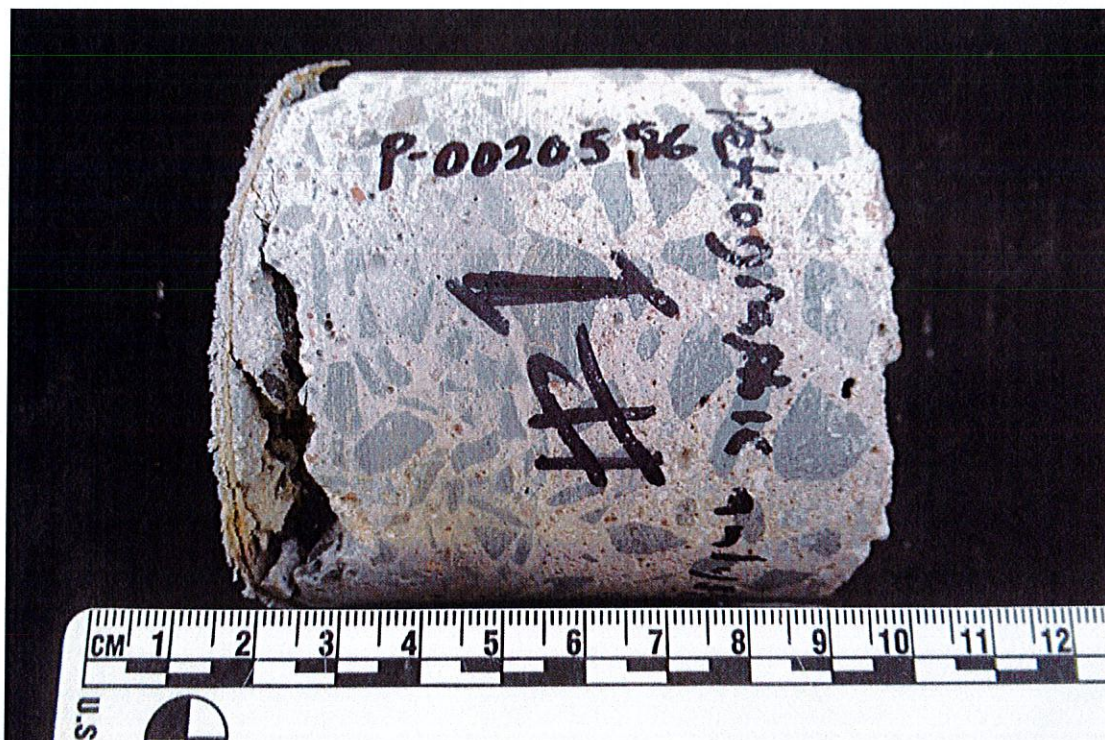
Magnification: 20x

Test Date 3/3/2023

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Photo: 1



Sample ID:

#1

Description: Profile of the core sample as received with the top surface to the left. This sample was submitted for petrographic analysis.

Photo: 2

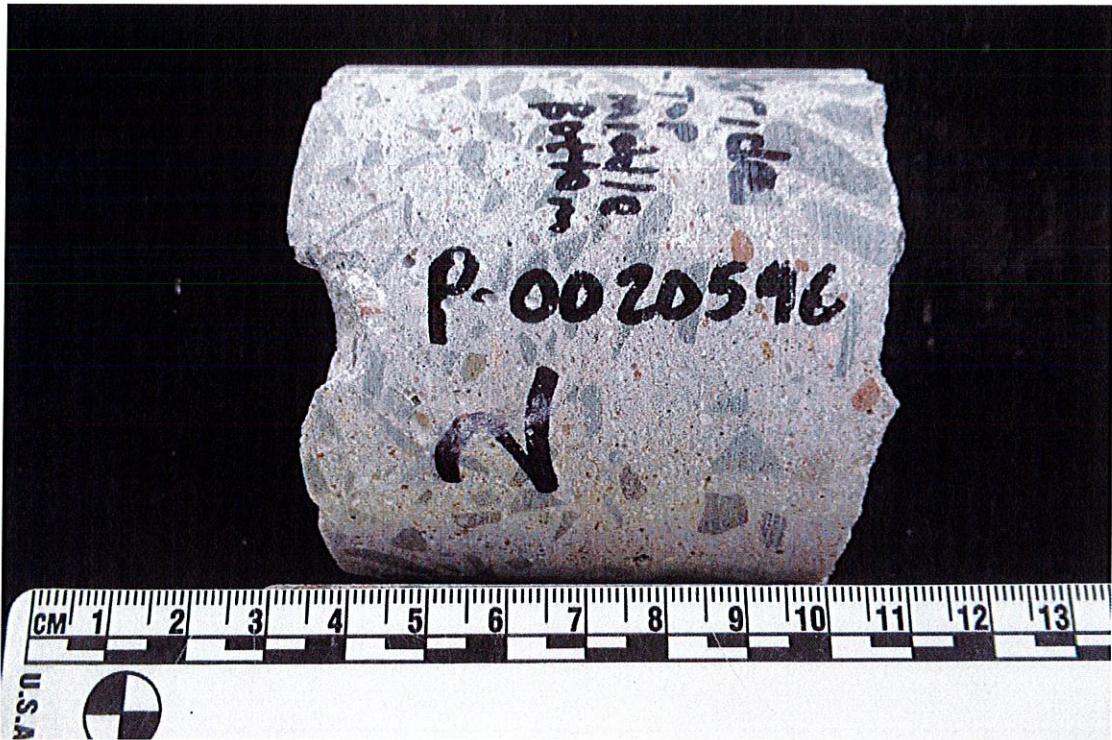


Sample ID:

#1

Description: The top surface of the sample as received.

Photo: 3



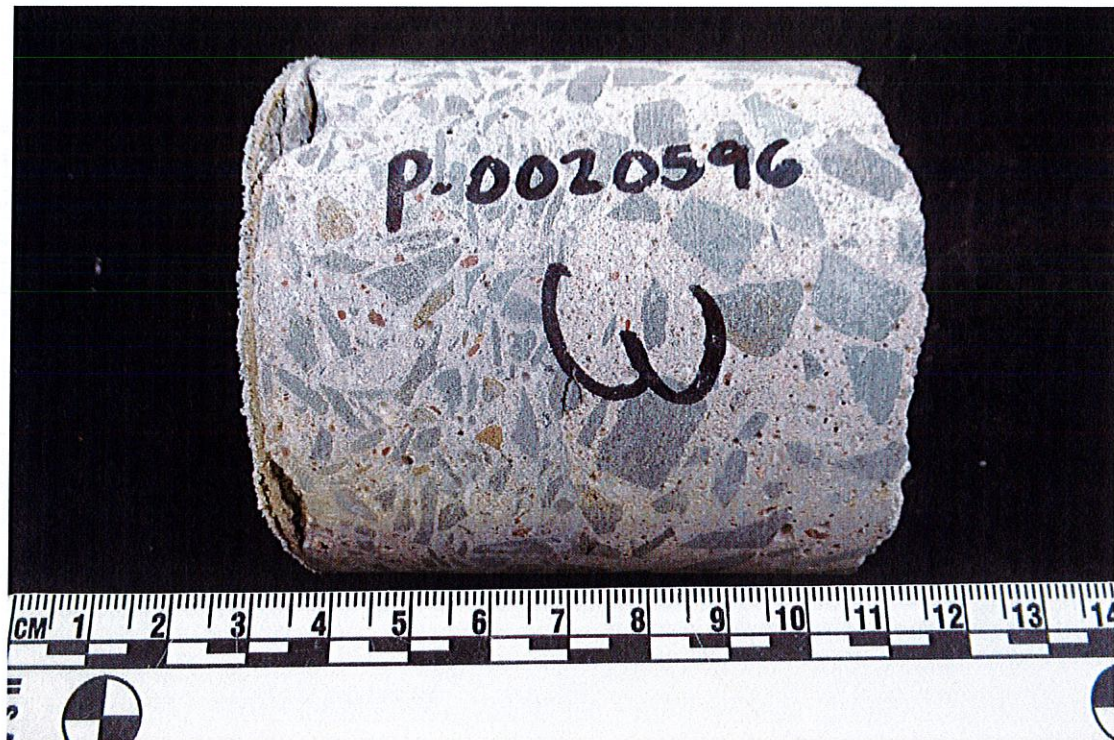
Sample ID: 2 **Description:** Profile of the core sample as received with the top surface to the left. This sample was submitted for chloride ion content analysis.

Photo: 4



Sample ID: 2 **Description:** The top surface of the sample as received.

Photo: 5

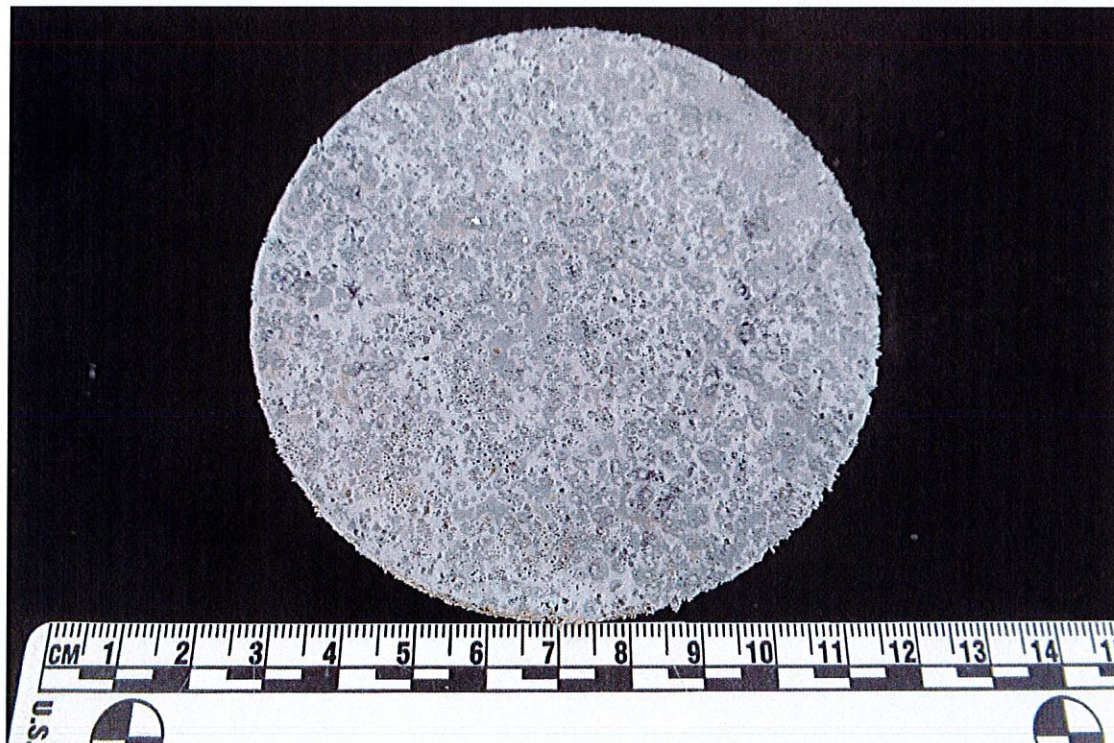


Sample ID:

3

Description: Profile of the core sample as received with the top surface to the left. This sample was submitted for chloride ion content analysis.

Photo: 6

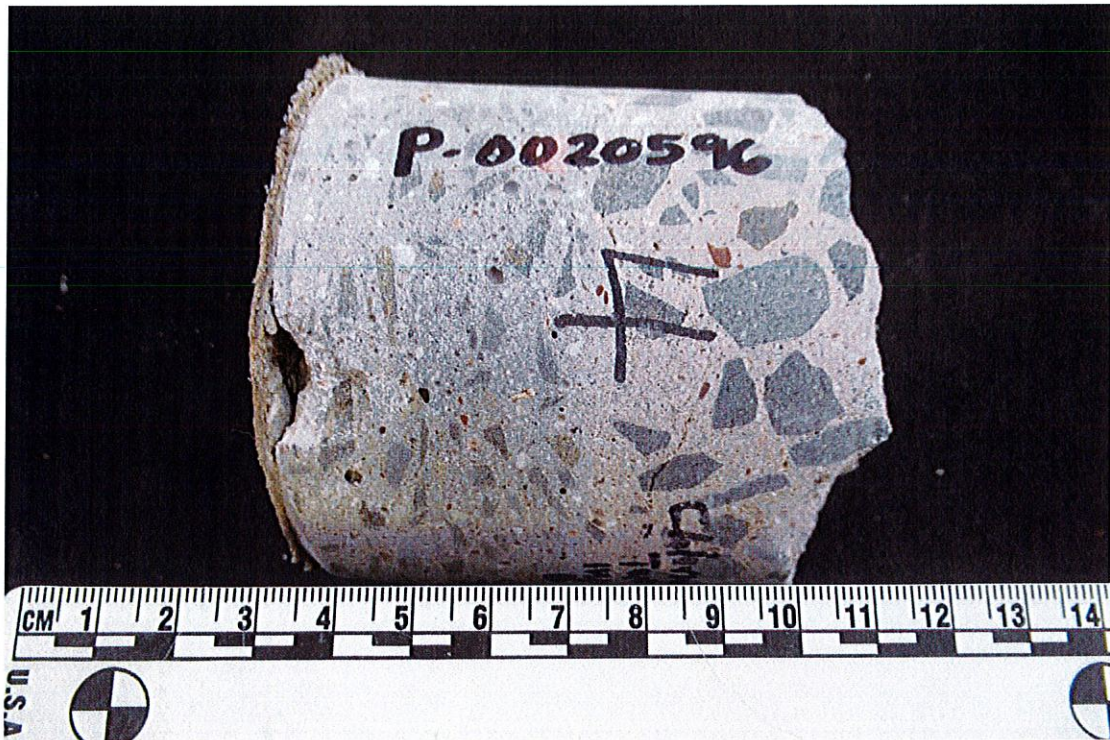


Sample ID:

3

Description: The top surface of the sample as received.

Photo: 7



Sample ID:

4

Description: Profile of the core sample as received with the top surface to the left. This sample was submitted for chloride ion content analysis.

Photo: 8

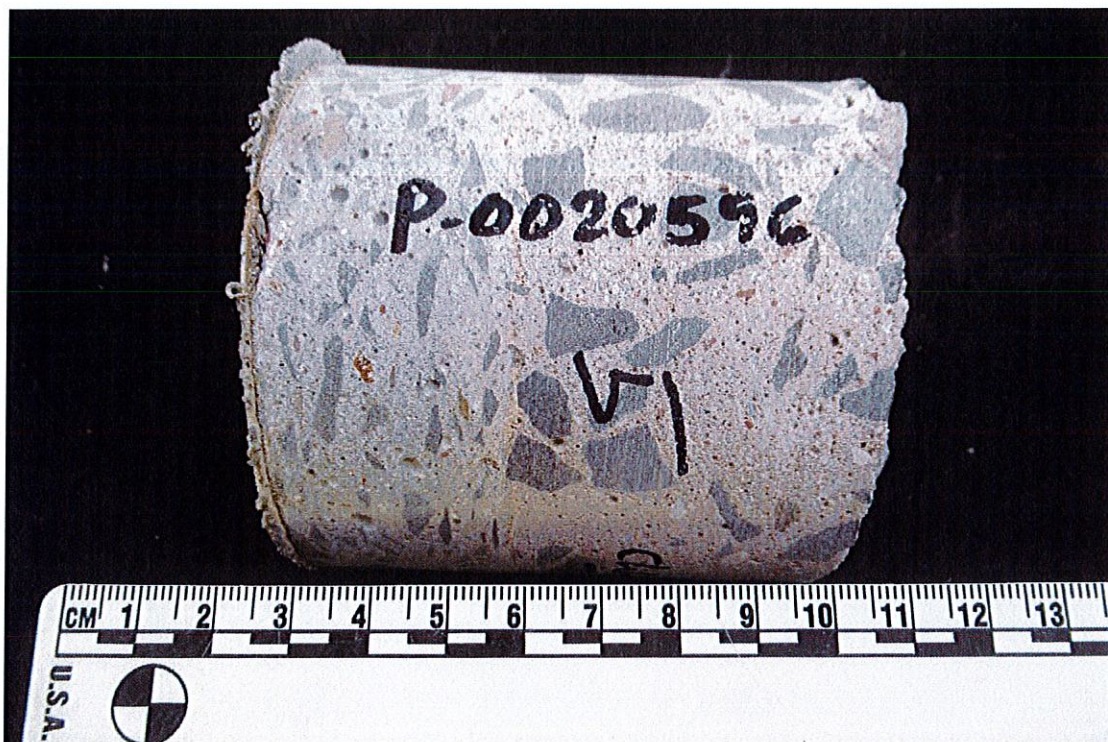


Sample ID:

4

Description: The top surface of the sample as received.

Photo: 9



Sample ID:

5

Description: Profile of the core sample as received with the top surface to the left. This sample was submitted for chloride ion content analysis.

Photo: 10

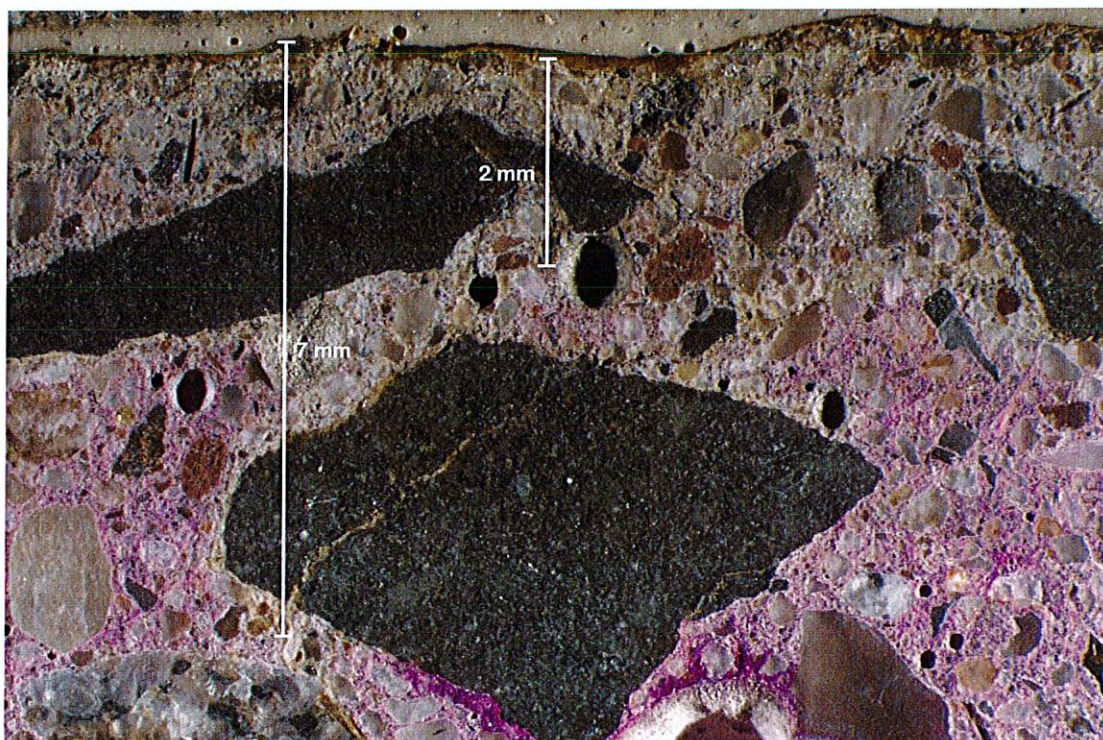


Sample ID:

5

Description: The top surface of the sample as received.

Photo: 11

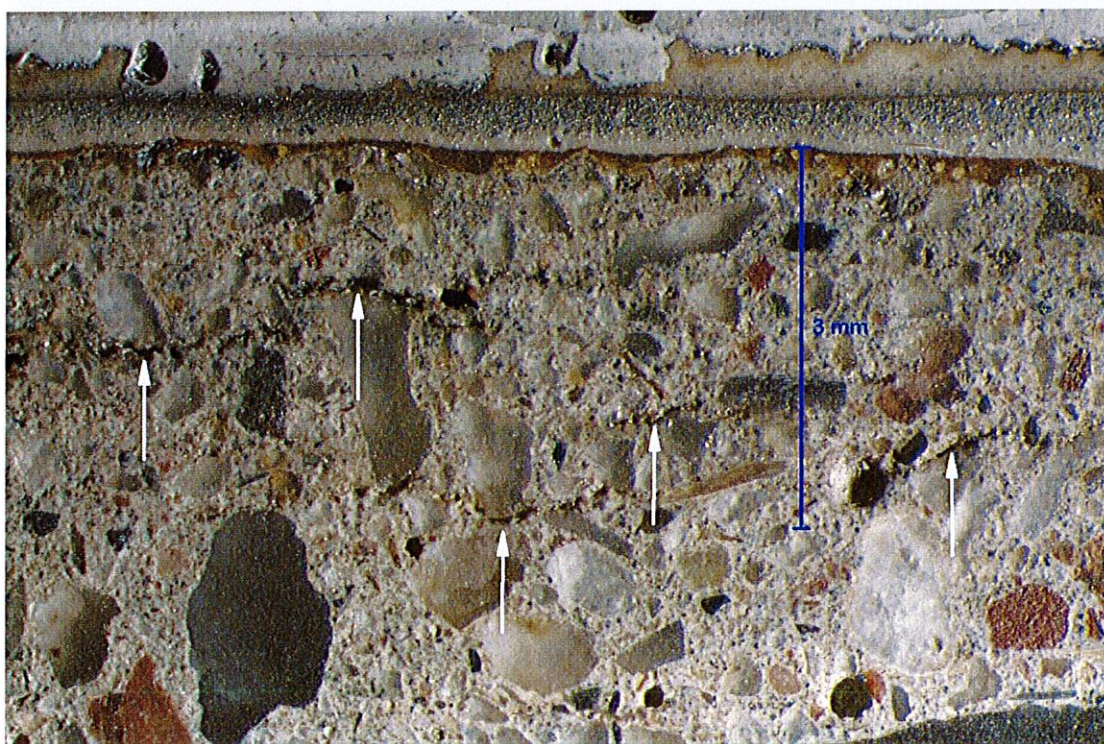


Sample ID:
Mag:

#1
10x

Description: Carbonation (unstained paste) ranged from 2 mm (1/16") to 7 mm (1/4") depth on a saw-cut and lapped cross section of the sample treated with the pH indicator phenolphthalein.

Photo: 12

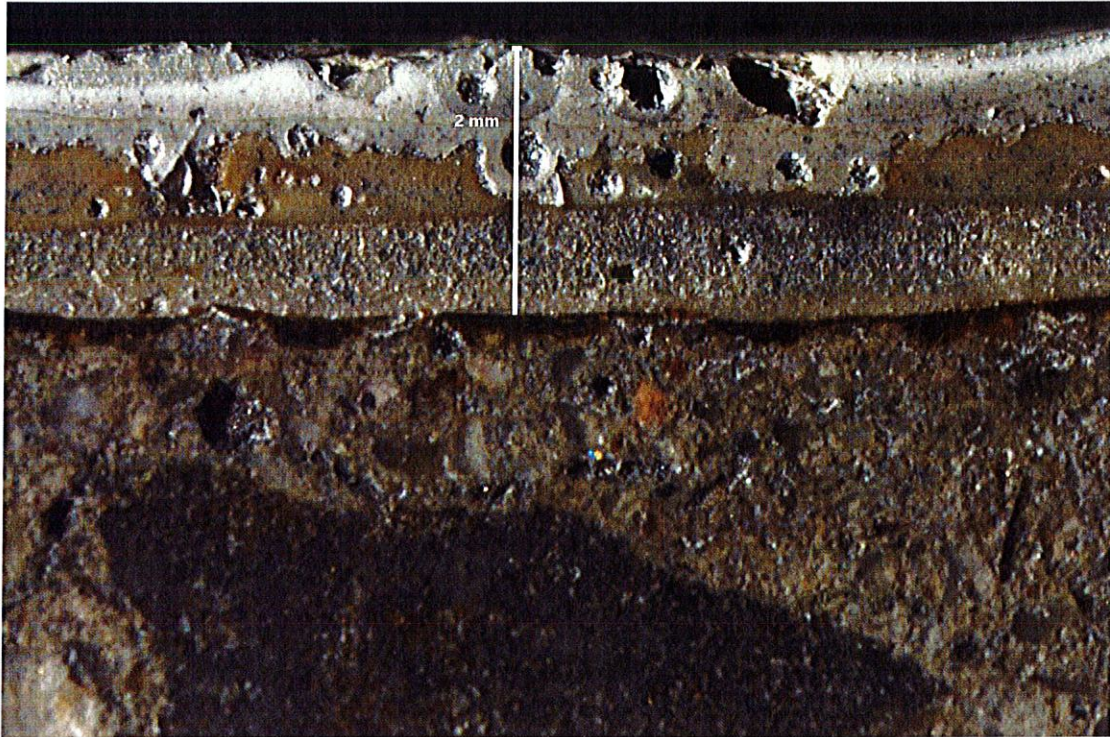


Sample ID:
Mag:

#1
15x

Description: Several sub-horizontal bleedwater voids (white arrows) observed within the top 3 mm (1/8") of the topping concrete in this field of view.

Photo: 13

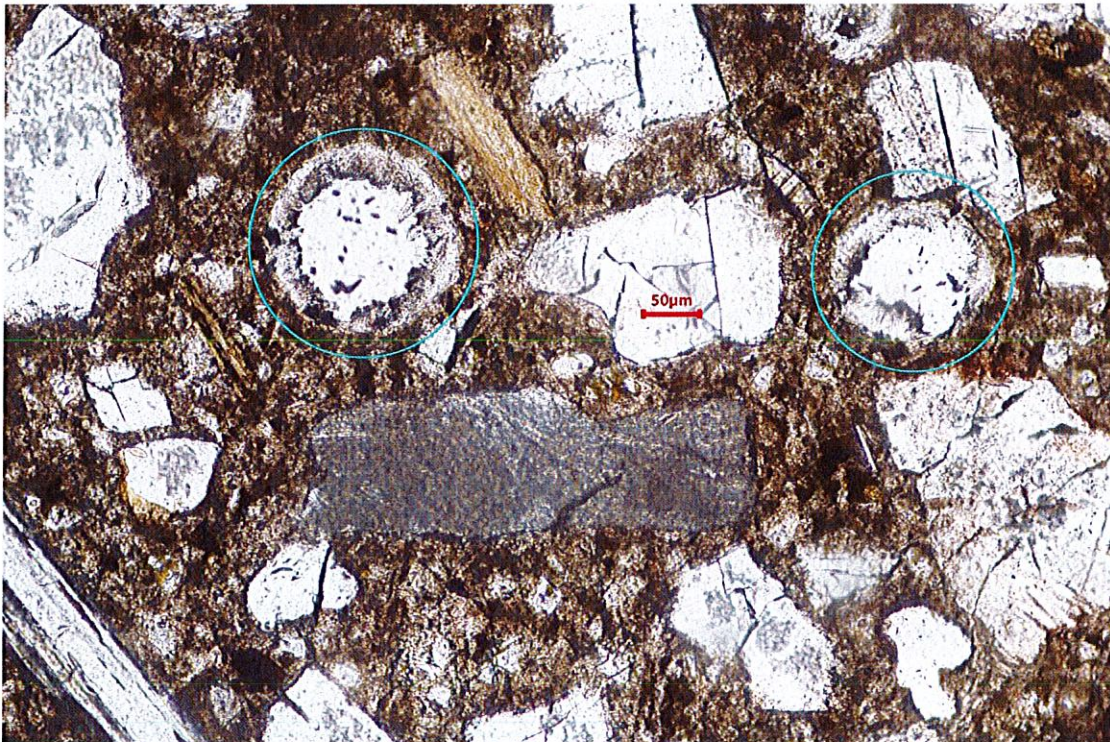


Sample ID:
Mag:

#1
20x

Description: A magnified view of the coating system.

Photo: 14

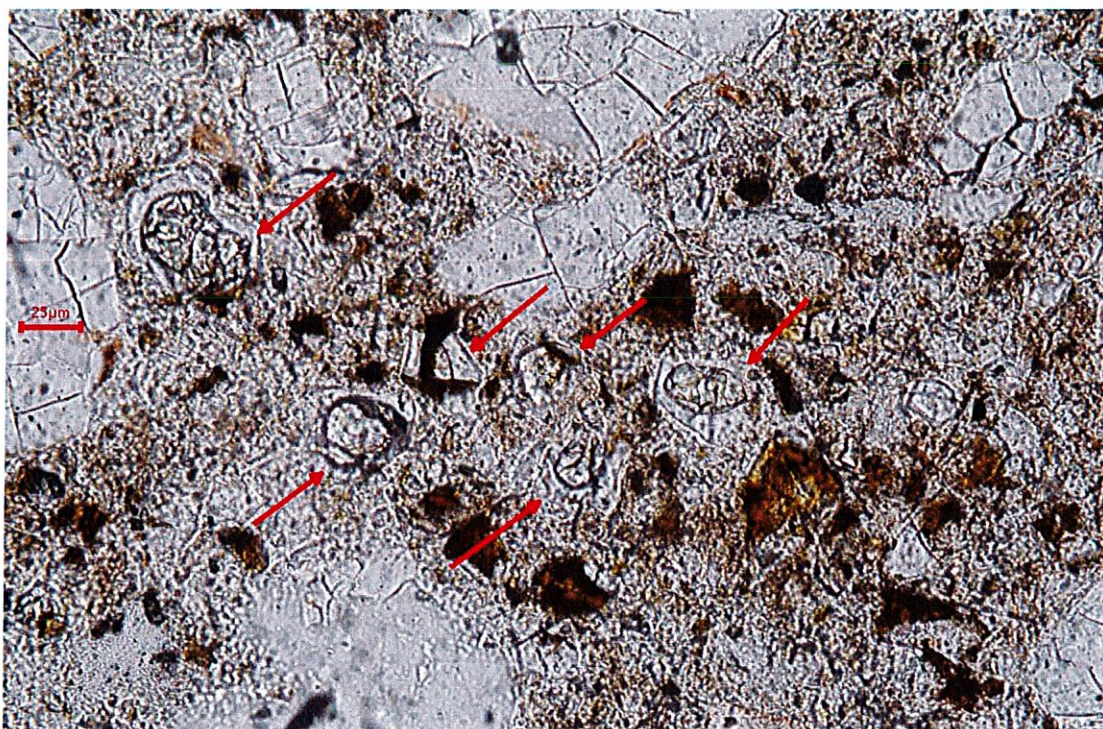


Sample ID:
Mag:

#1
200x

Description: Air void lined by secondary ettringite are circled in blue. In thin section of concrete viewed with transmitted plane polarized light.

Photo: 15

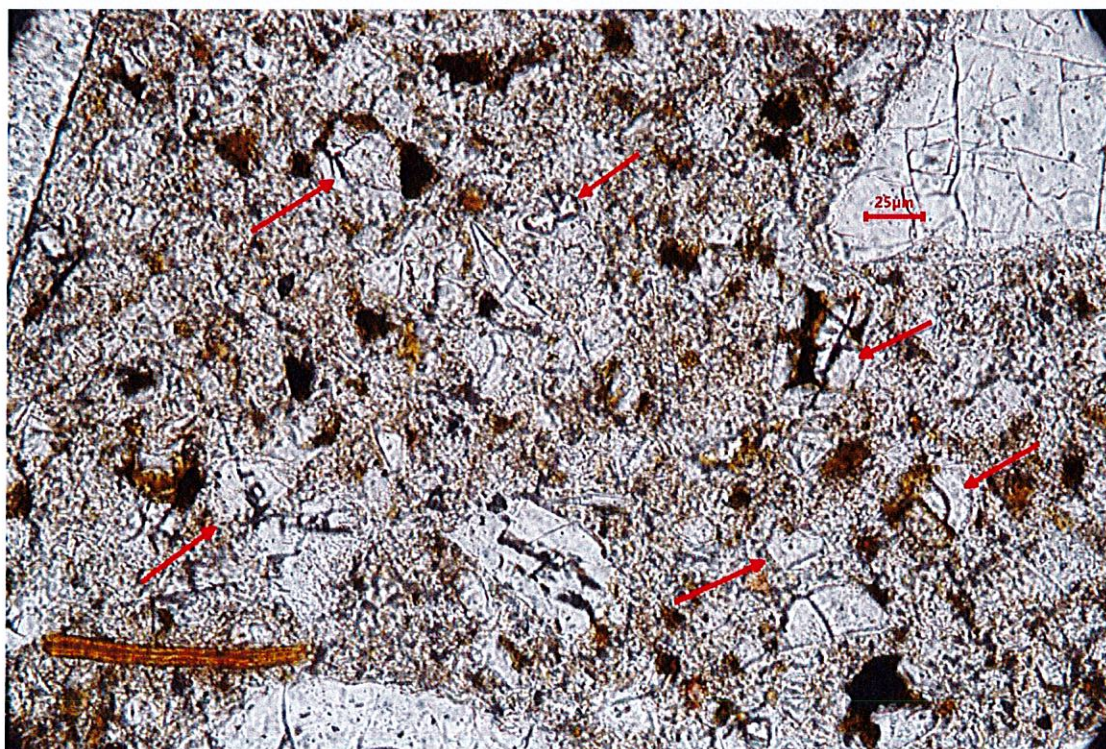


Sample ID:
Mag:

#1
400x

Description: Moderately to well hydrated residual alite portland cement particles (red arrows) in thin section of concrete viewed with transmitted plane polarized light.

Photo: 16



Sample ID:
Mag:

#1
400x

Description: Another area in the same thin section as pictured above in photo 13. This area has a somewhat higher water content and residual alite portland cement particles (red arrows).



Department of Public Works | 860.584.6125

MEMORANDUM

DATE: October 12, 2023

TO: Mayor Jeffrey Caggiano
Board of Public Works

FROM: Raymond A. Rogozinski, P.E., Director of Public Works

RE: **DPW STREETSCAPE STANDARDS**

The Department of Public Works recommends approval of the following streetscape sidewalk depicted on the attached City of Bristol Department of Public Works Streetscape Standards Sheet 1-3, dated October 11, 2023, and as summarized below:

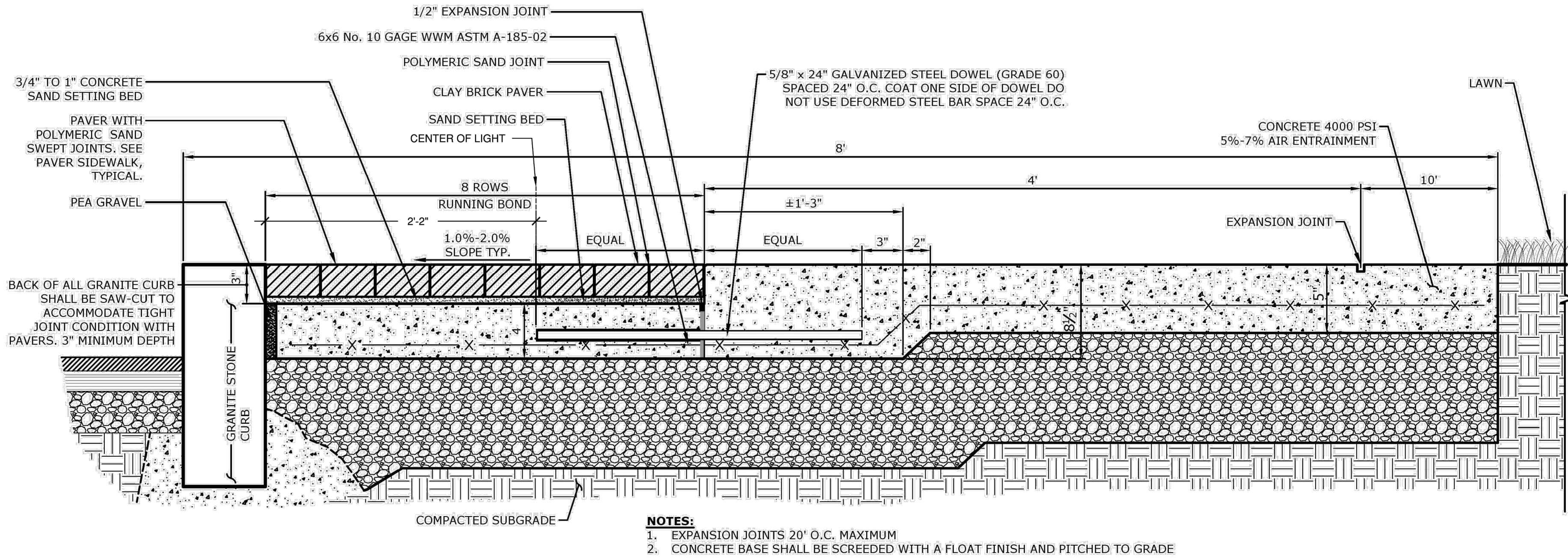
1. Concrete sidewalks minimum of 5 ft. wide. Concrete scoring pattern shall be picture framed 4 ft. x 5 ft. sections with 1 ft. x 2 ft. sections along the roadway right of way. Concrete between the right of way and building/landscaping (if applicable) shall be 5 ft. wide (scored sections). All concrete sidewalks shall be a minimum of 5 inches thick (8 inches for driveway aprons), reinforced 6 x 6 galvanized steel wire mesh (ASTM A-185-02), 4000 lb. PSI (5-7% Air Entrainment). Concrete walk shall be installed over 8 inches of compacted processed aggregate. (See Drawing No. 1).
2. Pole Border (area between front of walk and back of curb) Treatment. Red brick shall be placed within the pole border over a $\frac{3}{4}$ - 1 inch layer of sand. Sand shall be laid on 4 inches of concrete (8 inches for driveway aprons) set on 8 inches of compacted processed stone. The pole border concrete supporting the red brick shall be doveled into the adjacent concrete walk. Pea gravel or a vertical drain shall be installed between the concrete pole border layer and the granite curb. Concrete or bituminous asphalt curbing shall not be allowed for use on City streetscapes. (See Drawing No. 1).
3. Roadway Curb: All curb shall be granite 6 inches wide and set in concrete. Use of existing curb will be permitted, however, will require saw cutting (prior to removal of existing concrete walk) in order to obtain and straight vertical face to receive brick. (See Drawing No. 1).
4. Street Lights: Ornamental Street lights shall be installed on City Streetscape project (Mfg. by Holophane Type A). City preferred electrical power supply for shall be provided via a metered service.
5. Streetscape Furniture: Installation of streetscape furniture benches, trash & recycling barrels shall be incorporated into City streetscape projects. (See Drawing No. 2).

6. Trees and landscaping: Streetscapes shall include trees (approved by the City) and landscaping. All installed trees shall have a minimum diameter of 3 inches, and will grow to a maximum width of 12 inches. (See Drawing No. 3).
7. Bus Shelters: Bus shelters installed as part of City streetscape projects shall be a minimum of 12 ft. by 4 ft., with interior benches (bronze tempered glass, with black metal framing mfg., by Brasco Inc.). (See Drawing No. 2).
8. The Board of Public Works reserves the right to waive or modify requirements/design based a review of locations and recommendation by the Director of Public Works. In particular, the Board may use the streetscape design standards used by CT DOT in the West End (CT Route 69/72) intersections reconstruction project.

As part of the Board of Public Works approval of the proposed streetscape sidewalk standards, the Board also endorses the installation of streetscapes in the Downtown, Federal Hill, West End, and Forestville areas of the City. Said roads (or portion of roads) designated as roadway for streetscape installations shall include but is not limited to the following:

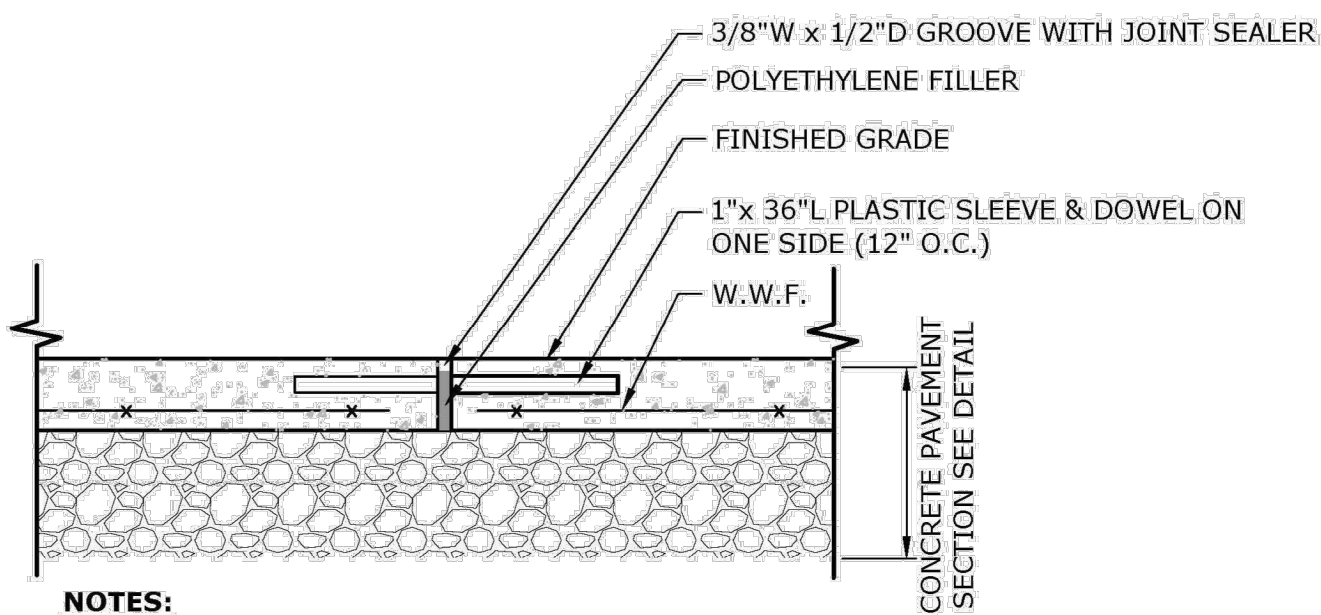
- i. North Main Street
- ii. Laurel Street
- iii. Hope Street
- iv. West Street
- v. Park Street
- vi. School Street
- vii. Church Street
- viii. Divinity Street
- ix. Riverside Avenue
- x. Memorial Boulevard
- xi. Main Street
- xii. Summer Street
- xiii. High Street
- xiv. South Street
- xv. Center Street
- xvi. Maple Street
- xvii. Queen Street
- xviii. Church Avenue
- xix. Broad Street
- xx. East Main Street
- xxi. Central Street
- xxii. Academy Street

Please feel free to contact me with any questions or concerns at 860-584-6113.



BRICK PAVERS AGAINST GRANITE CURB

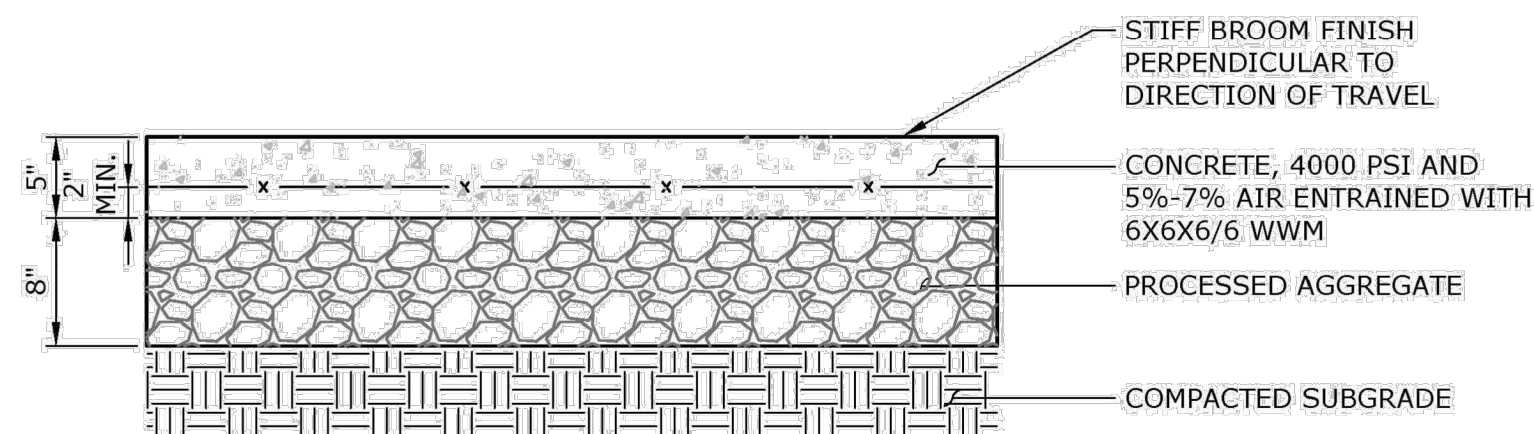
NOT TO SCALE



- NOTES:**
1. PROVIDE PREFORMED EXPANSION JOINT AT ALL CONSTRUCTION JOINT, SAWCUT, AND OTHER LOCATIONS WHERE CONCRETE ABUTTS EXISTING CONCRETE.

EXPANSION JOINT

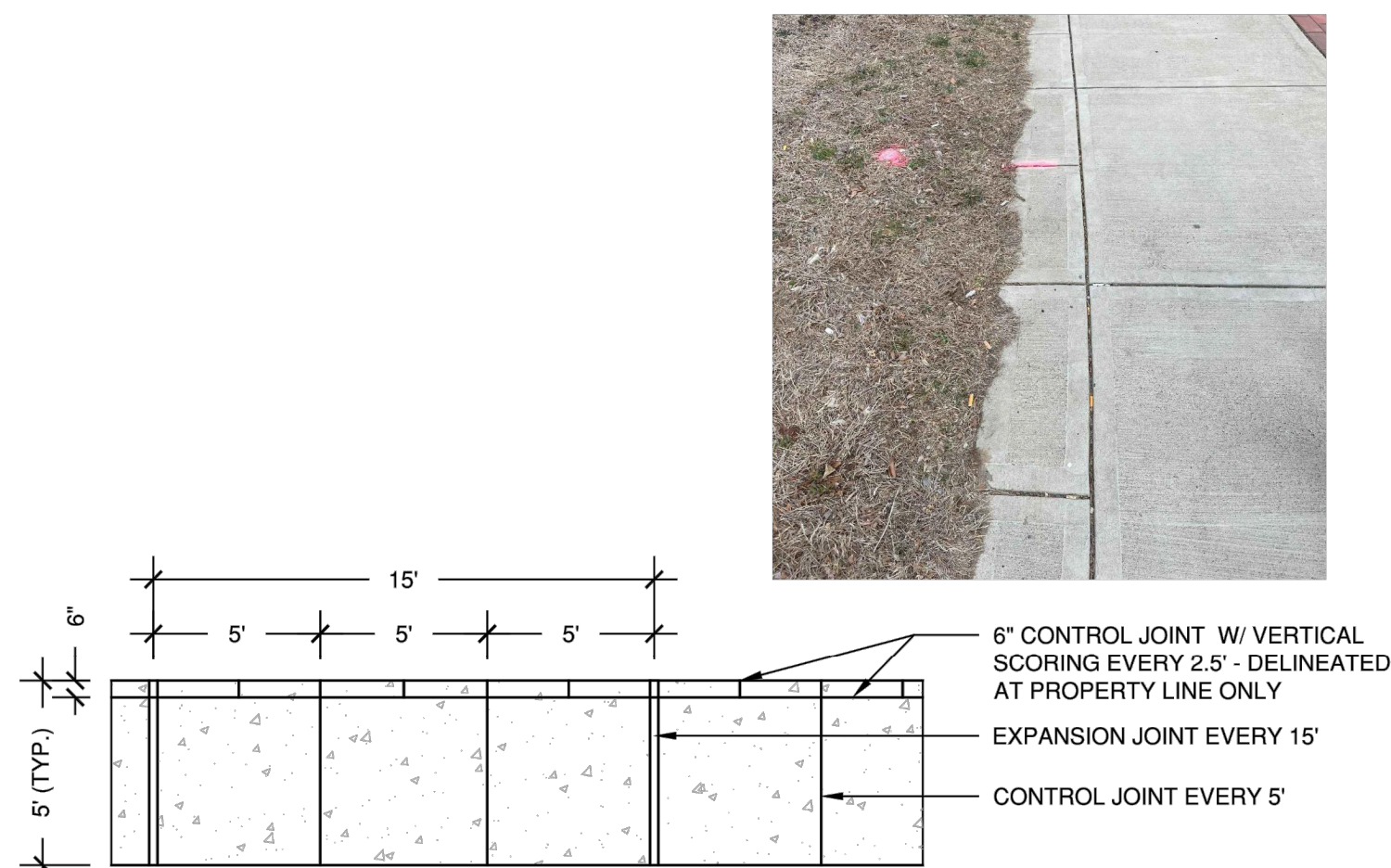
NOT TO SCALE



- NOTES:**
1. USE 5" CONCRETE OVER 8" PROCESSED AGGREGATE FOR SIDEWALKS ALONG CITY STREETS.
 2. EXP. JOINTS 20' O.C. MAX CONSTRUCTION JOINTS 5' O.C. TYPICAL (SEE JOINT DETAILS)

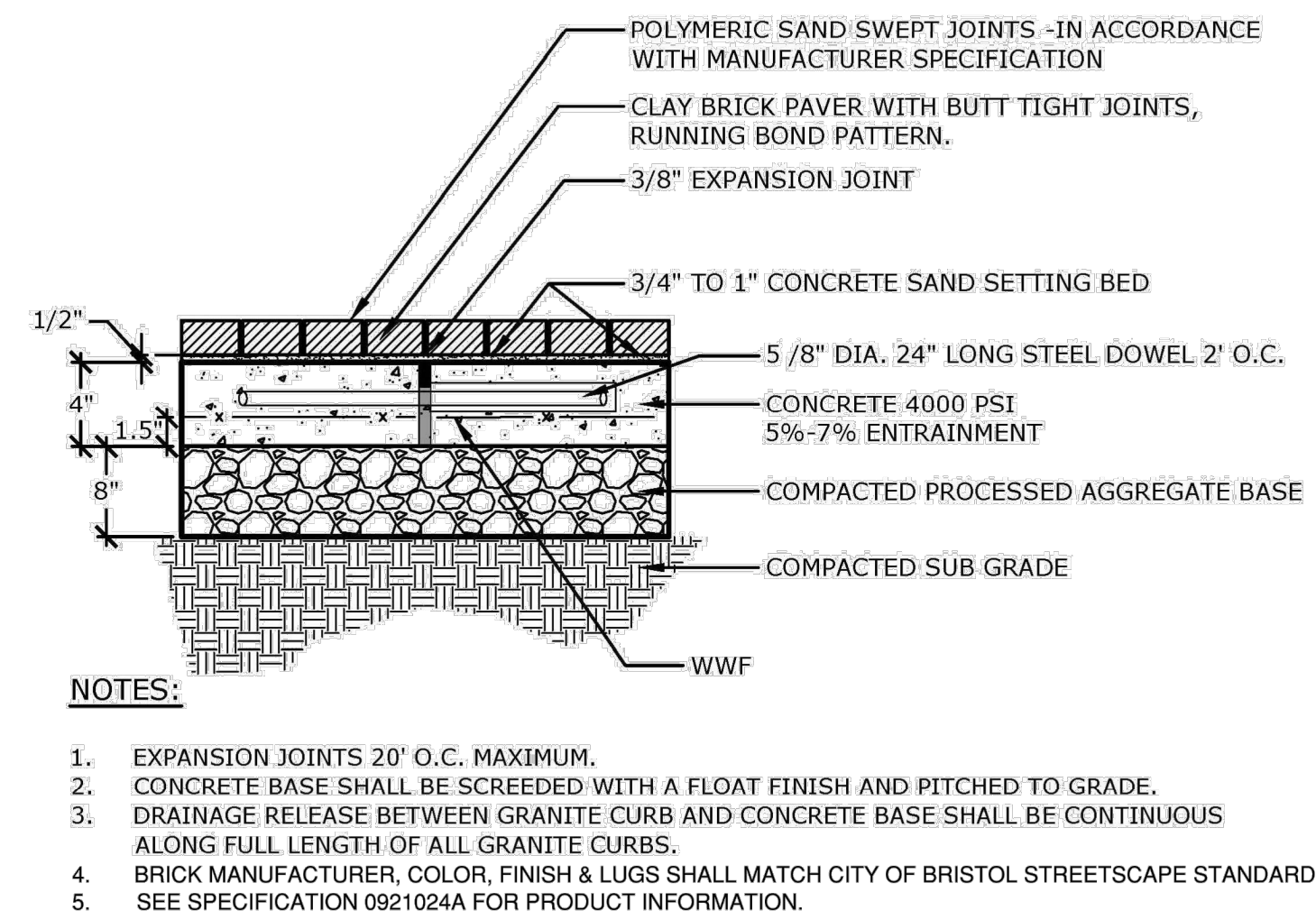
CONCRETE PAVEMENT

NOT TO SCALE



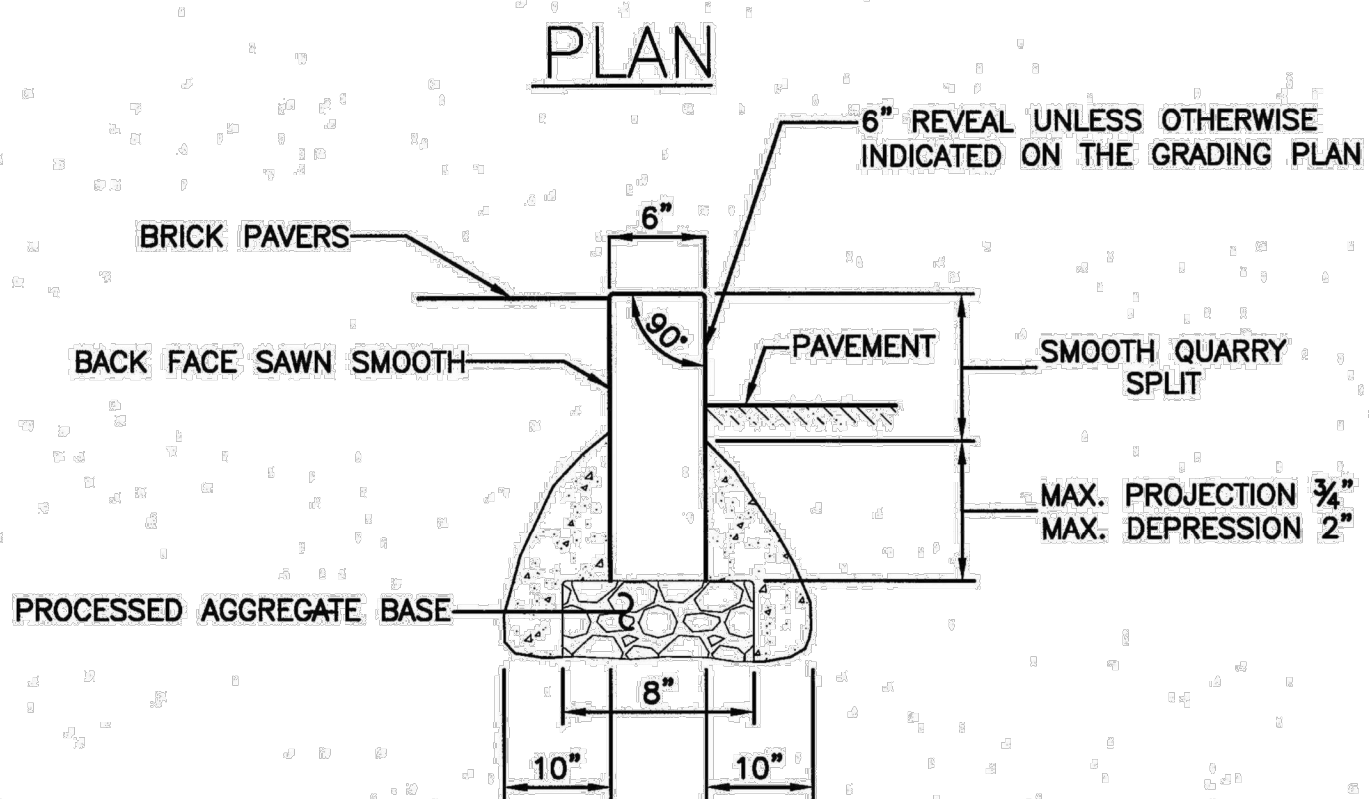
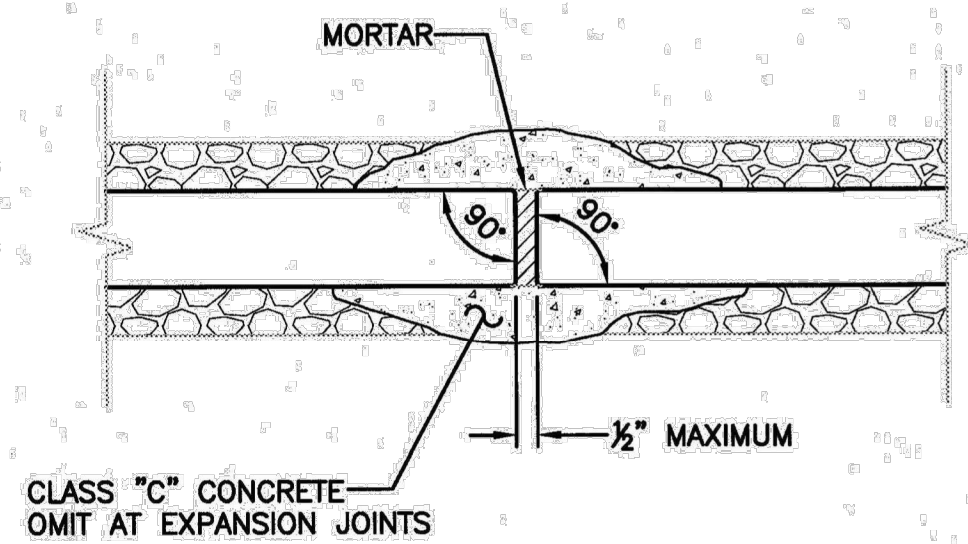
CONCRETE PAVEMENT SCORING

SCALE 3/16" = 1'-0"

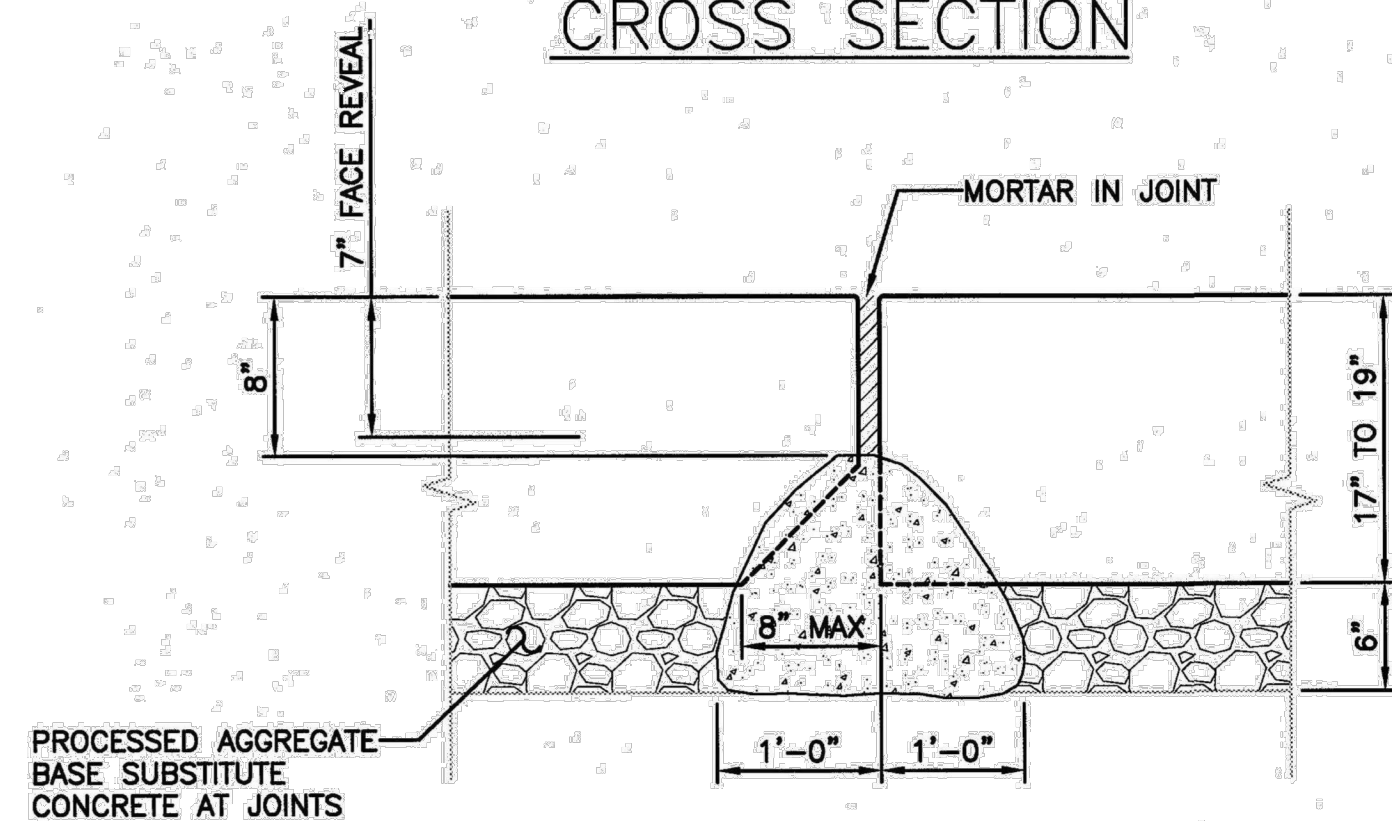


BRICK PAVERS

NOT TO SCALE



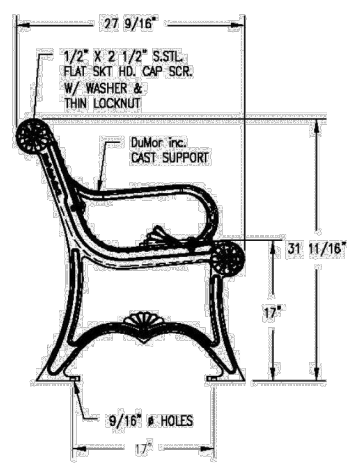
CROSS SECTION



PART ELEVATION

GRANITE CURB

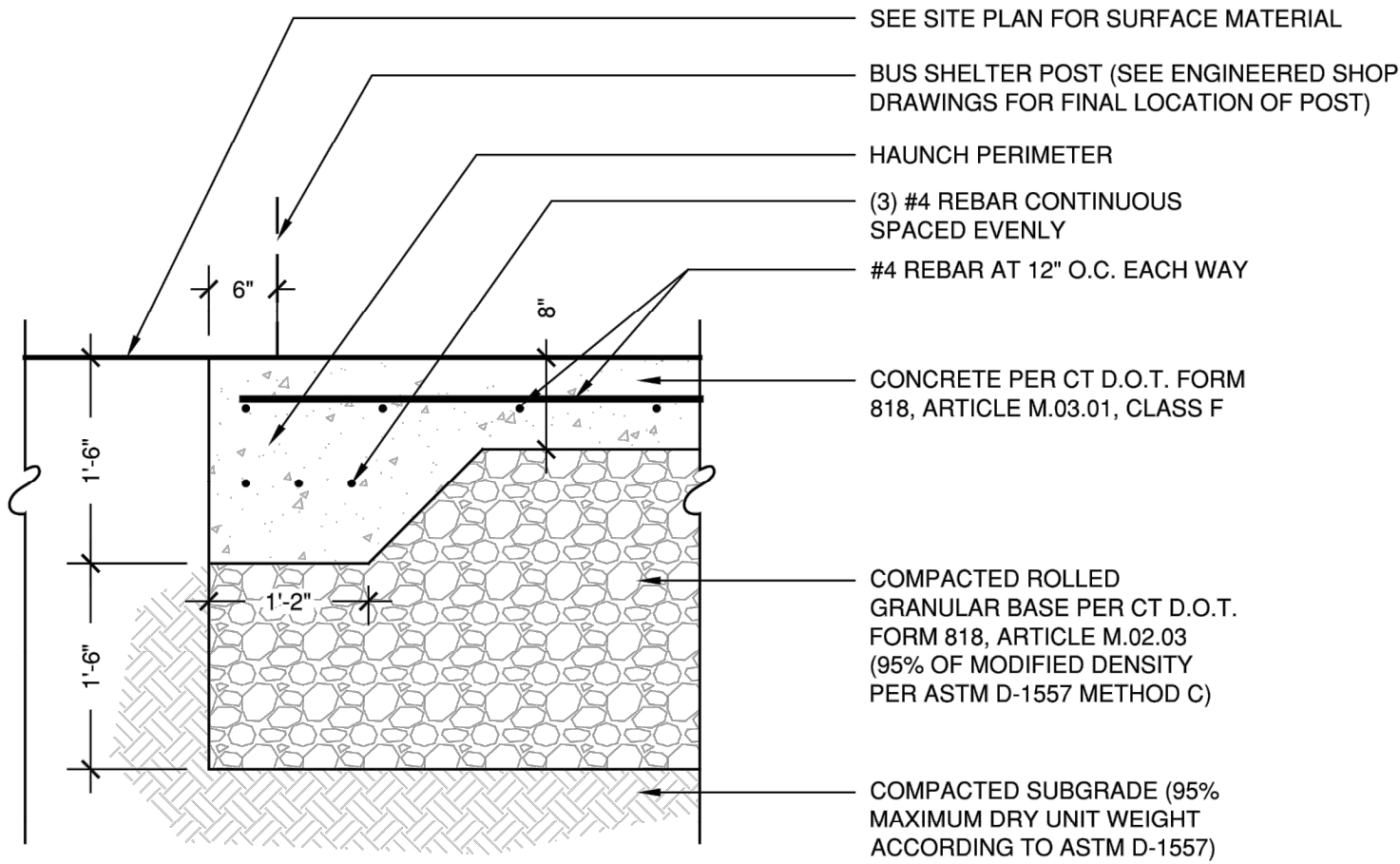
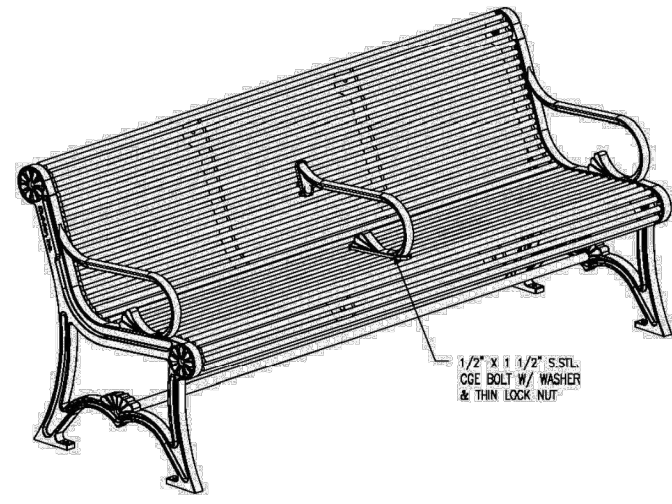
NOT TO SCALE



- NOTES:
1. BENCH SHALL BE STEEL, MODEL 19 - 3AR AS MANUFACTURED BY DUMOR SITE FURNISHINGS. BENCH COLOR: BLACK.
 2. 6FT AND 8FT BENCH LENGTHS SPECIFIED PER LAYOUT DRAWINGS.
 3. CONTRACTOR SHALL SUBMIT SHOP DRAWING FOR APPROVAL.

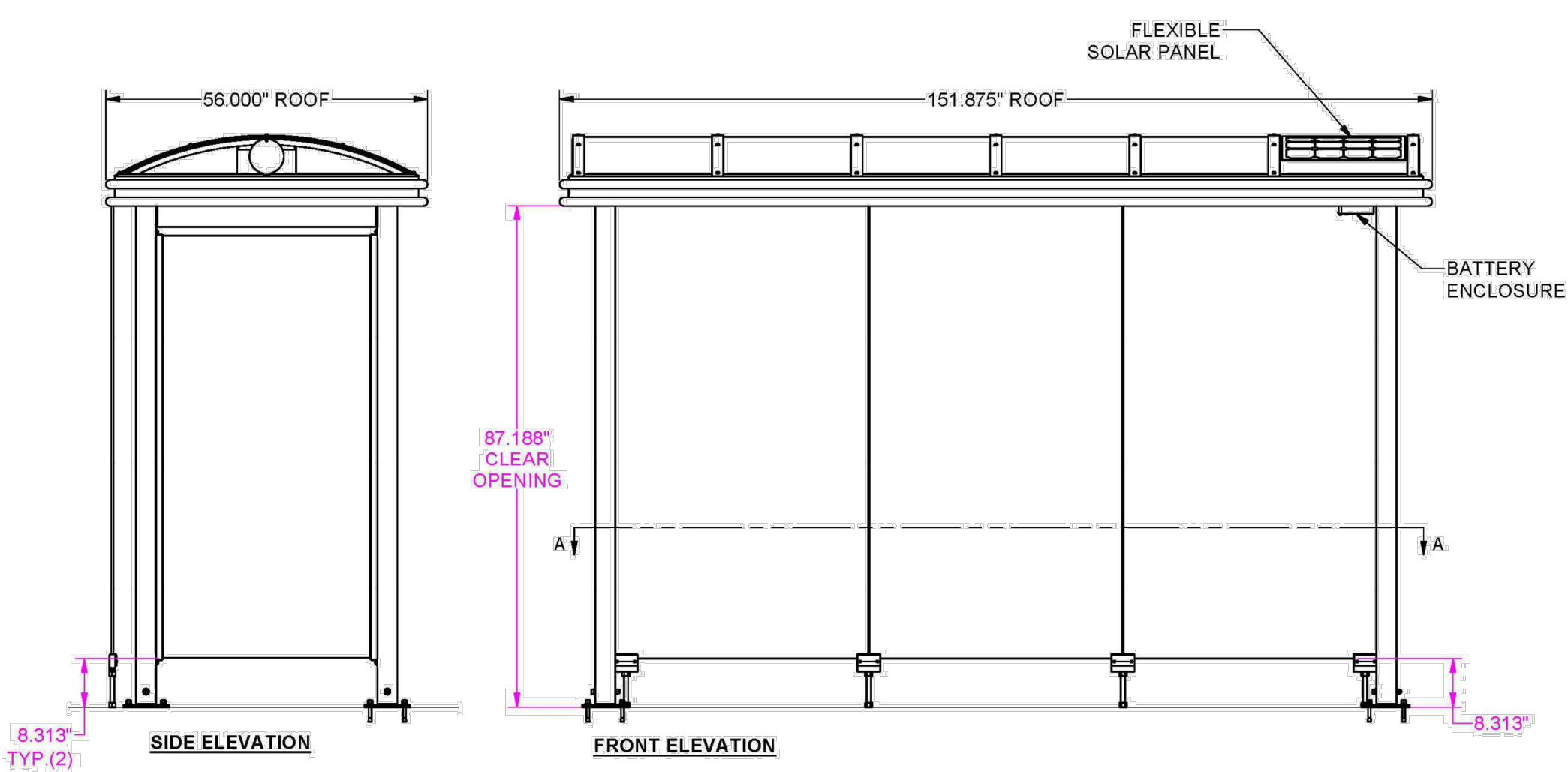
STEEL BENCH W/ ARMRESTS

NOT TO SCALE



CONCRETE BUS SHELTER PAD

SCALE 3/4" = 1'-0"

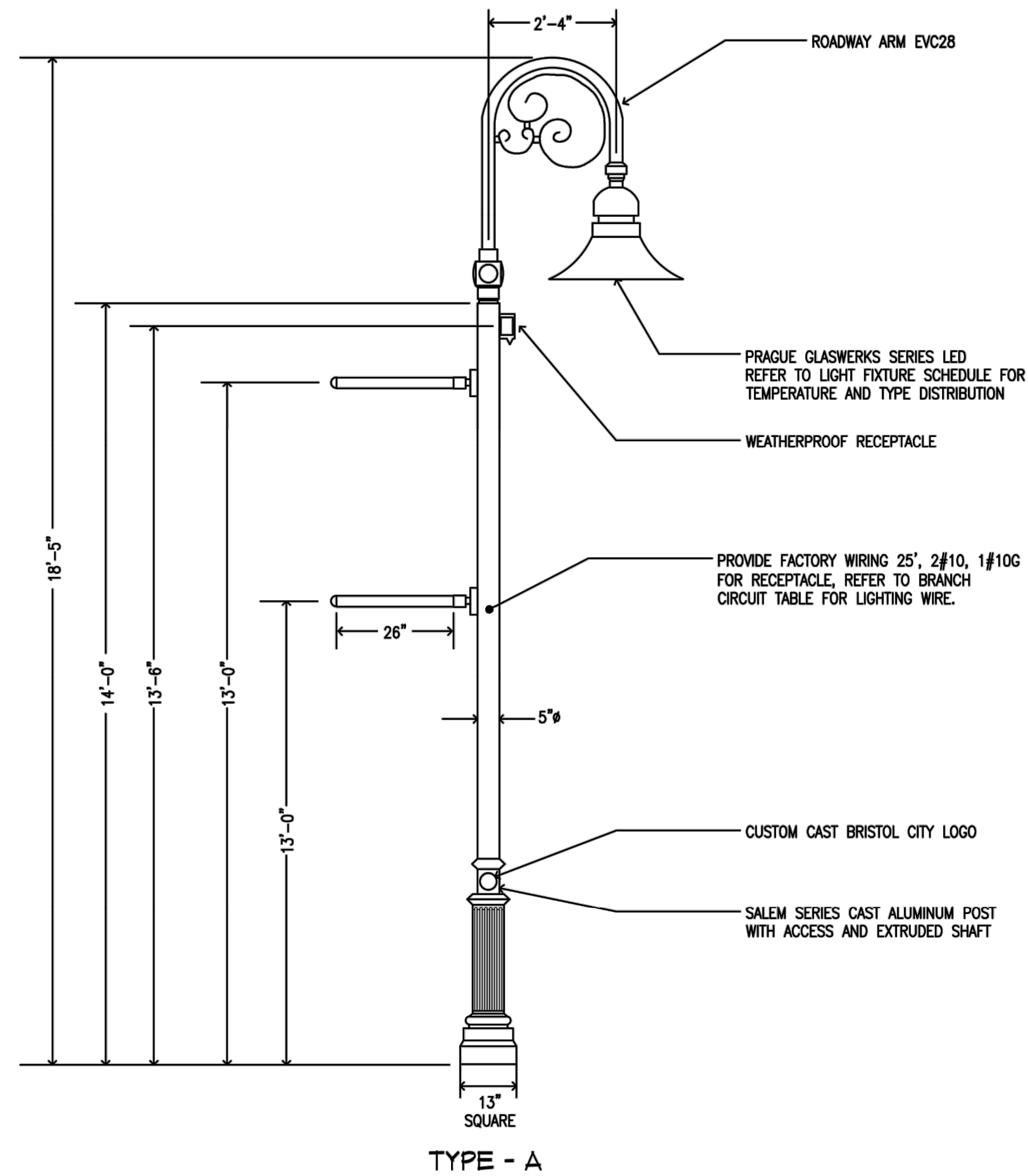
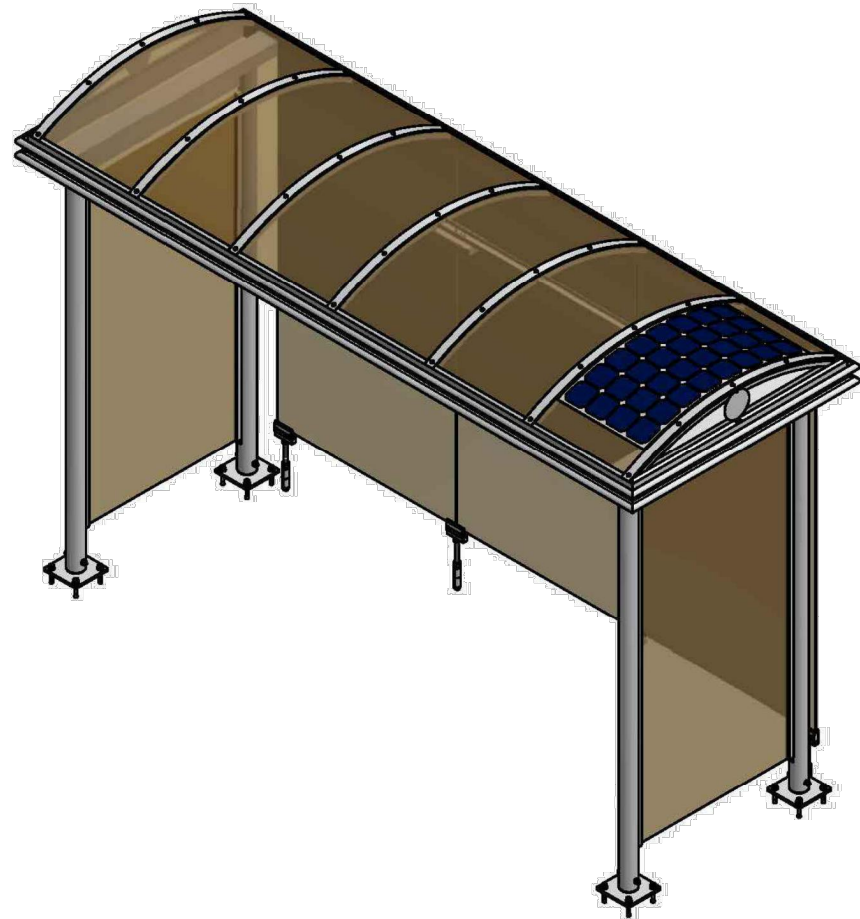


BUS SHELTER

NOT TO SCALE

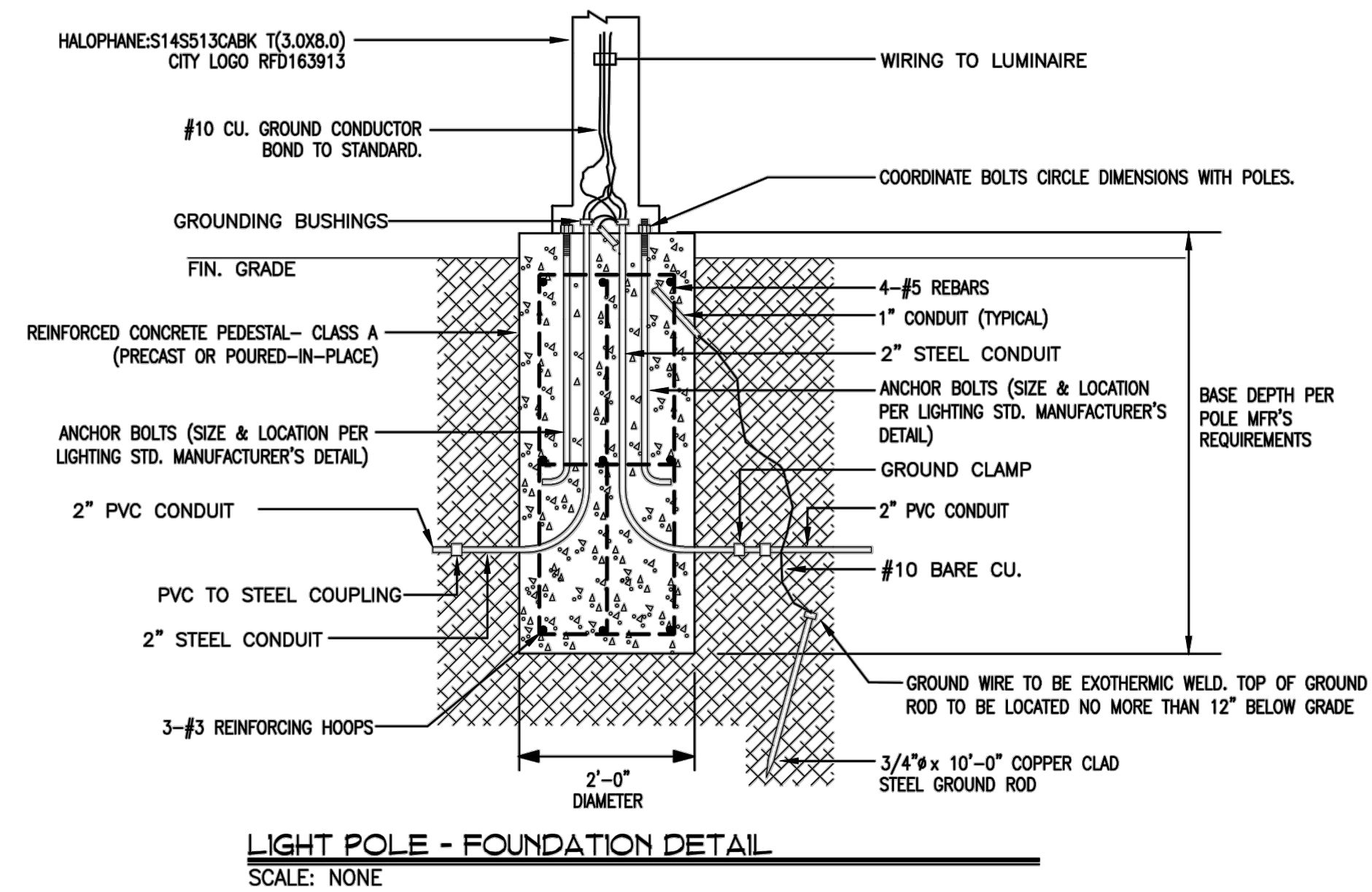
QUANTITY (1) SHELTER THUS

- SPECIFICATIONS:
- RAL9017 TRAFFIC BLACK POWDER COATED ALUMINUM STRUCTURE
 - 3/8" BRONZE TEMPERED GLASS
 - 1/4" BRONZR ACRYLIC LOW DOME ROOF WITH FASCIA/GUTTER SYSTEM
 - ROOF MOUNTED SOLAR LIGHTING PACKAGE WITH L.E.D. LIGHT



POLE LIGHT DETAILS

NOT TO SCALE



STANDARD DETAILS

Bristol, Connecticut

STREETSCAPE DETAILS

DESIGN BY:
DRAFTED BY:
CHECKED BY:
SCALE: AS SHOWN
DATE: 10/11/23
PROJECT No.:

PREPARED BY:

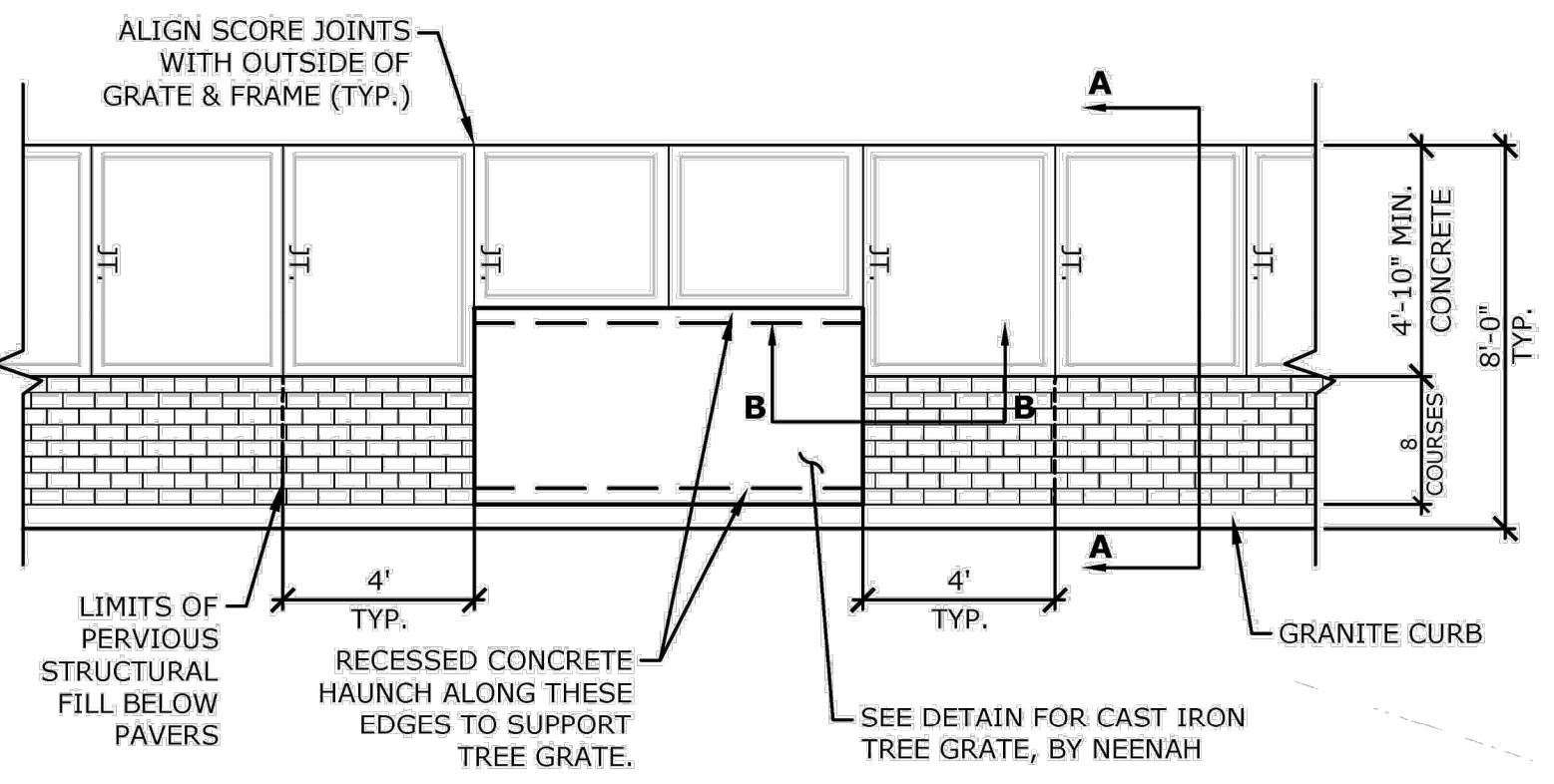
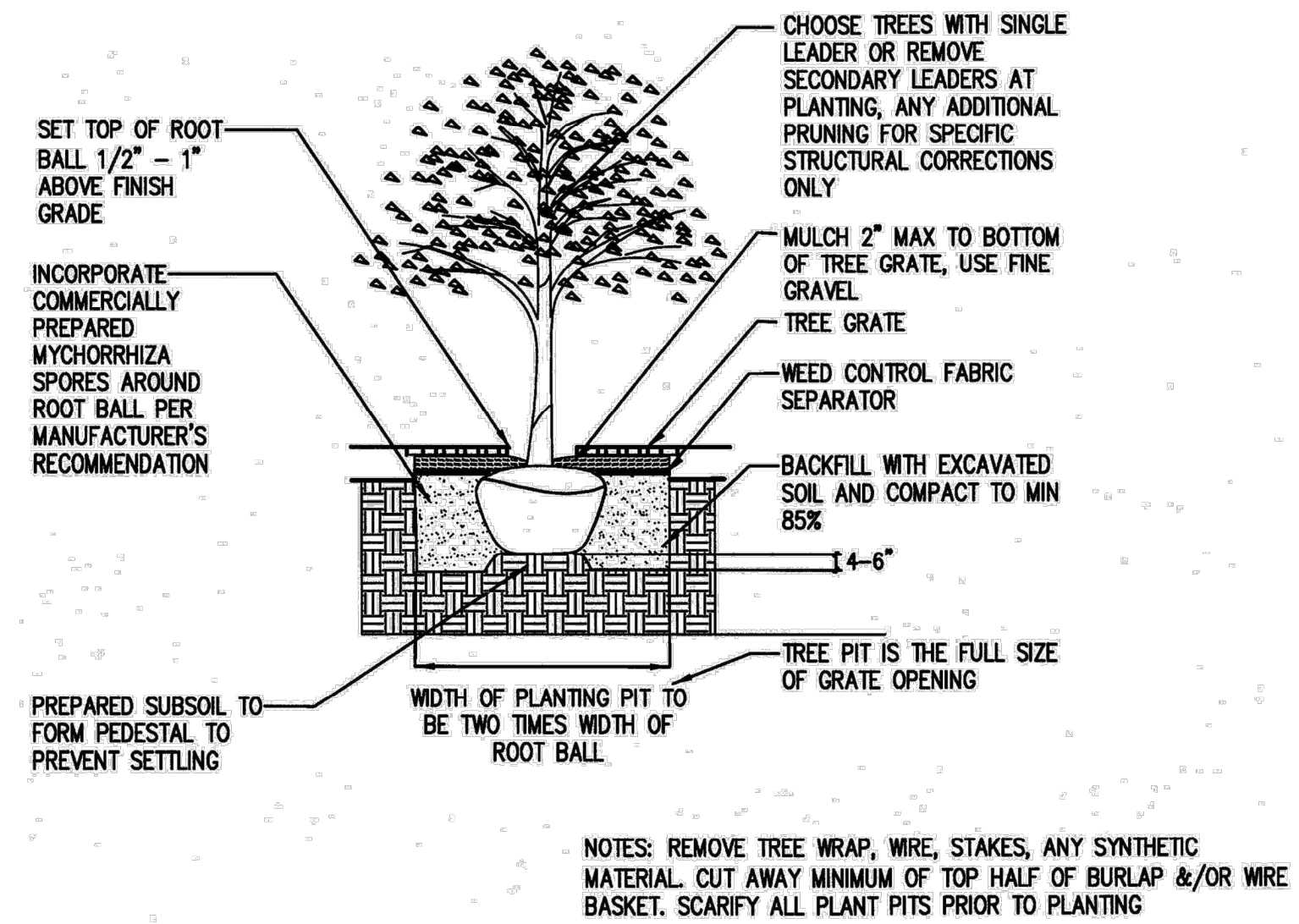
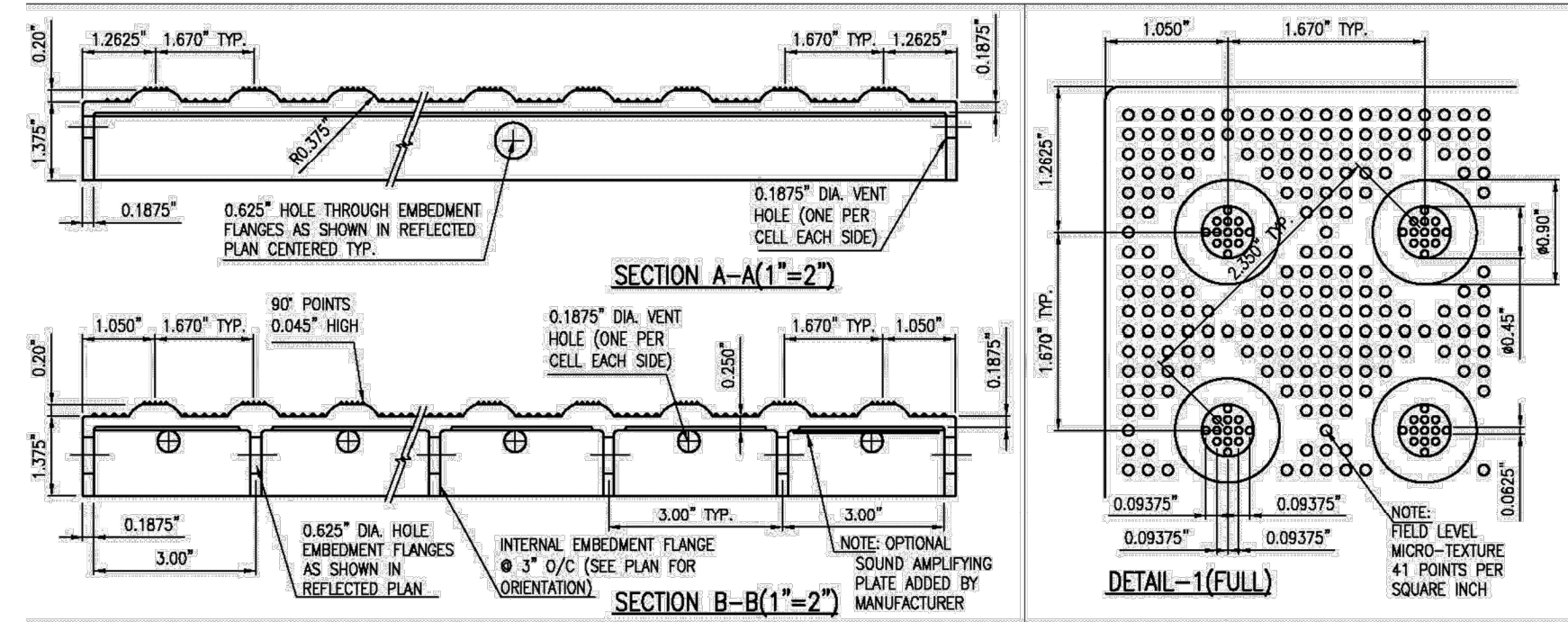
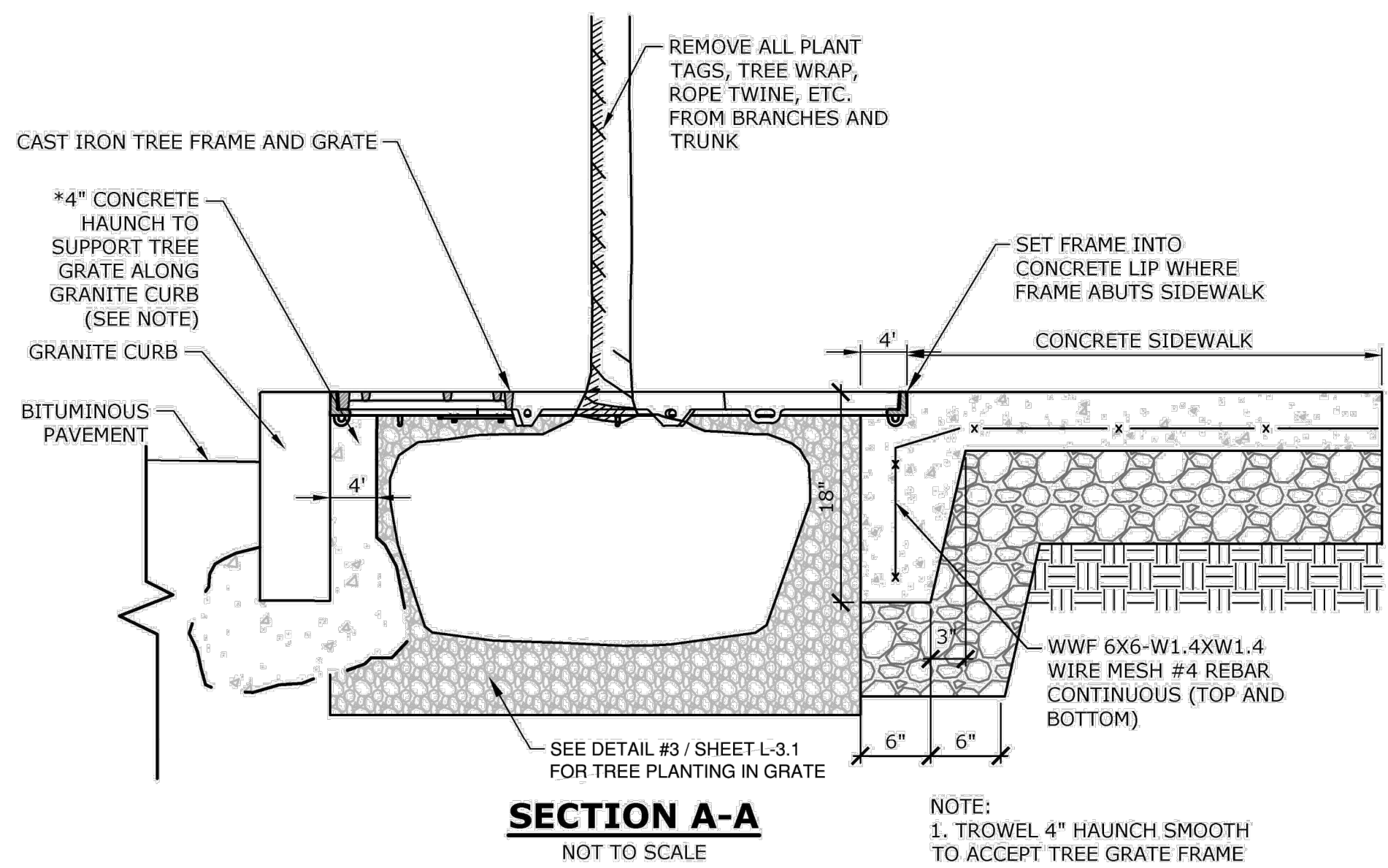
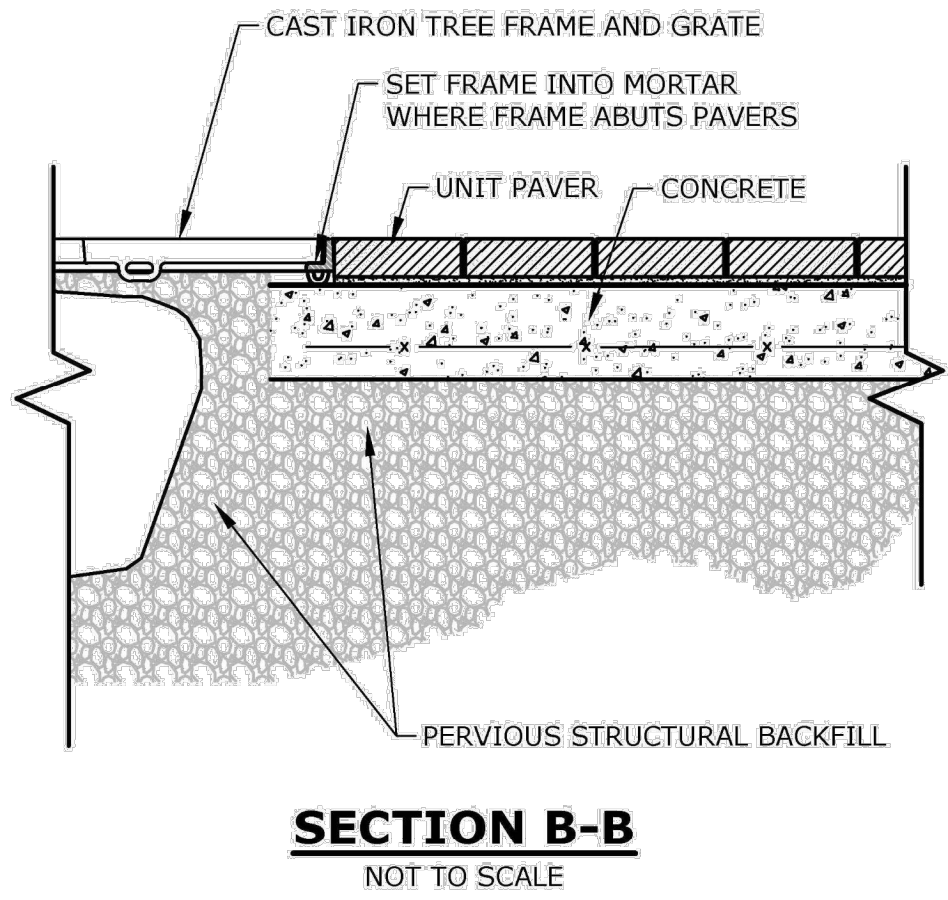
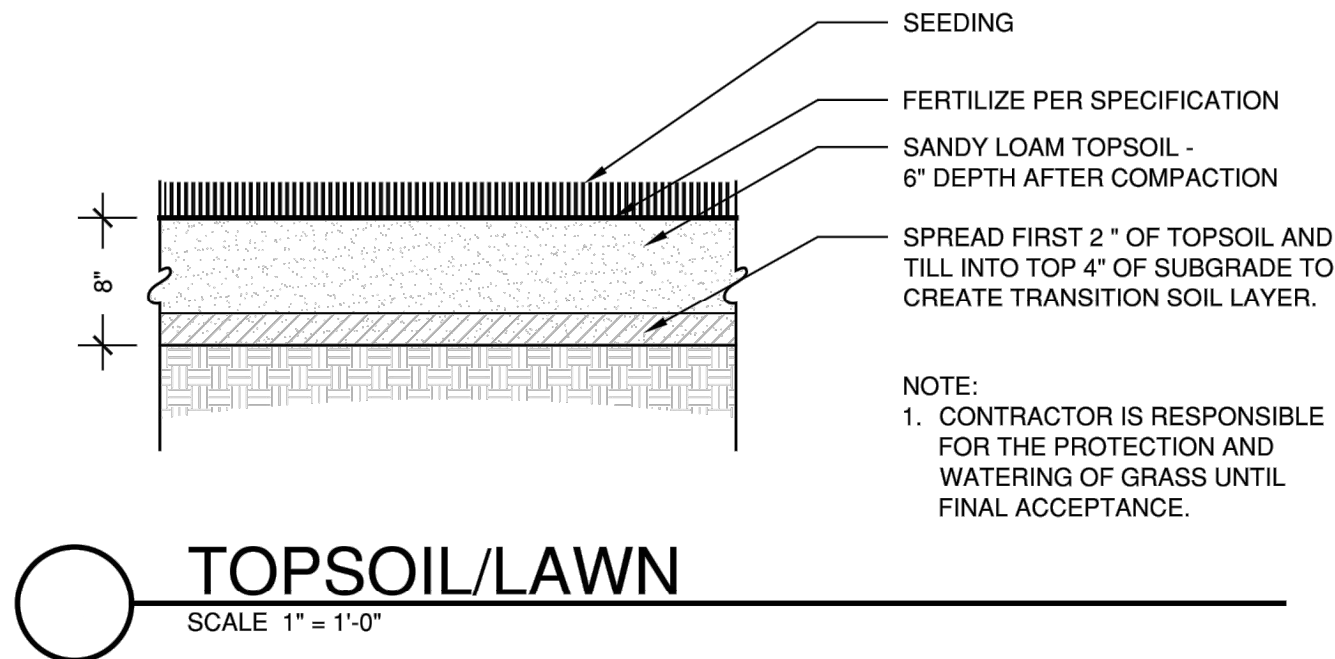
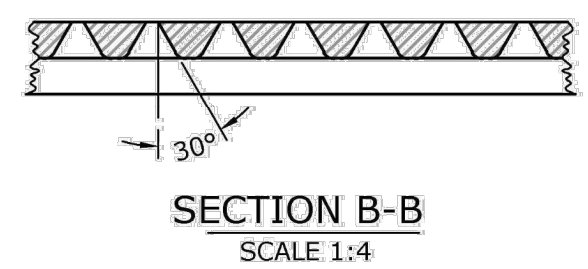
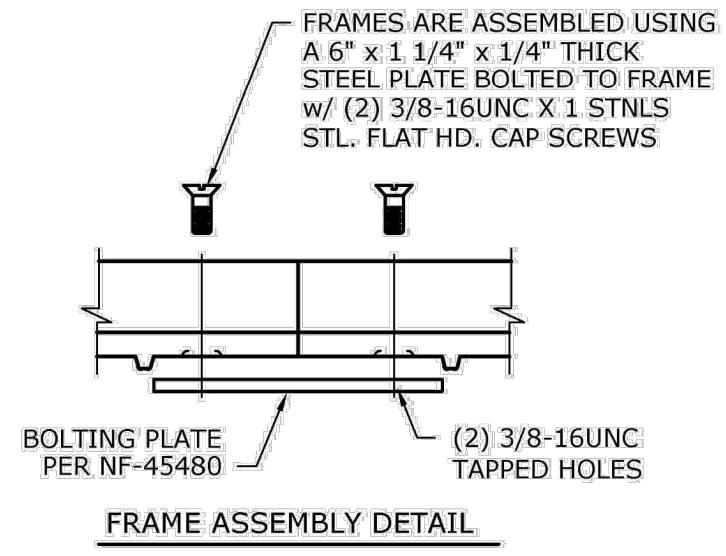
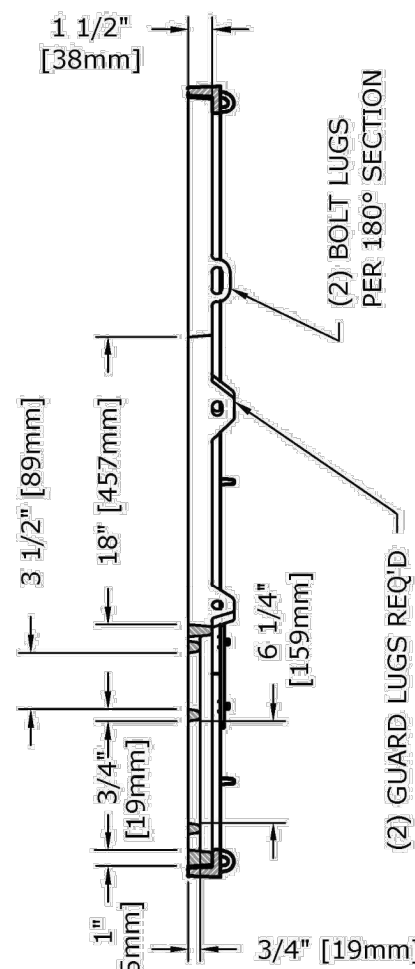
City of Bristol
Department of Public Works

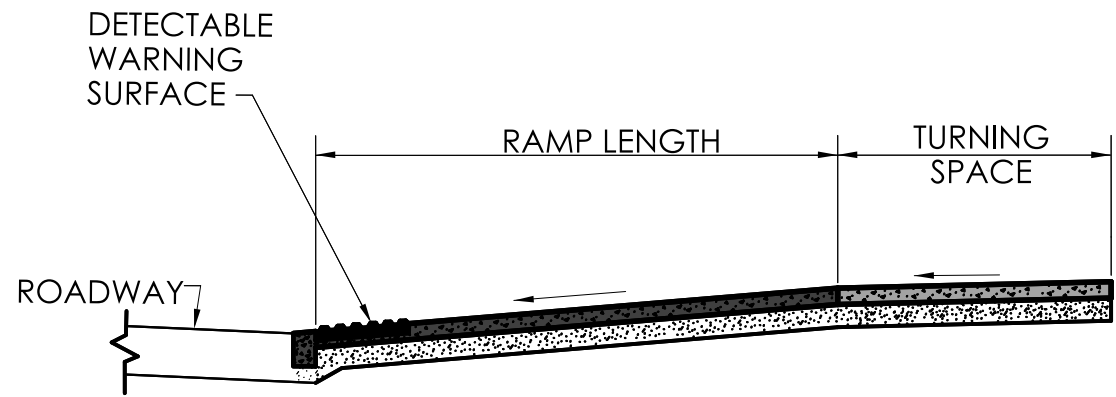
111 North Main Street
Bristol, Connecticut 06010
Tel. 860-584-0125
Fax 860-584-3838

No. DATE COMMENTS:

DRAWING NUMBER:

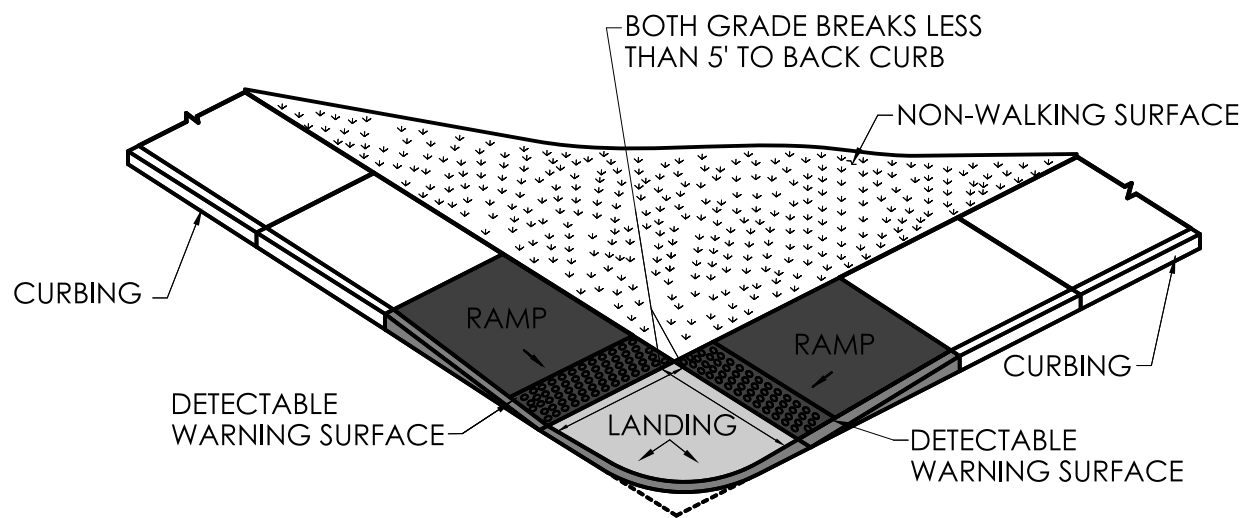
2





BASIC RAMP ATTRIBUTES

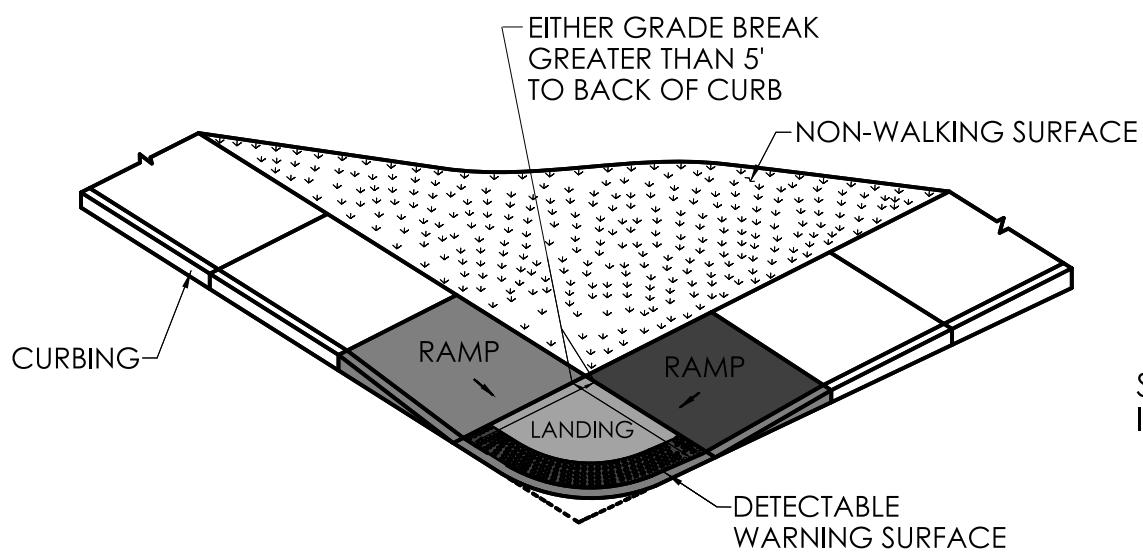
- Plan view of Ramp Components
- Section View of Typical Ramp
- Wheelchair Cross-slope Criteria
- Ramp Warping Detail
- Gutter Counter Slope Details
- Grade Break Details



PERPENDICULAR RAMP(S)
GRADE BREAK OF 5' OR LESS

TYPE 1 SIDEWALK ABUTS ROADWAY

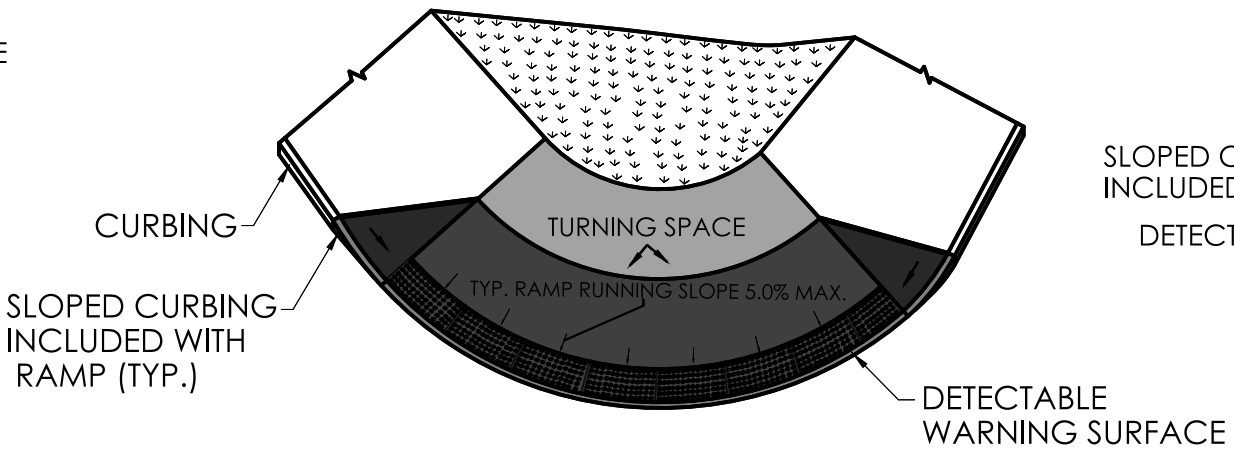
TYPE 3 SIDEWALK SEPARATED FROM ROADWAY
WITH NONWALK AREA



PERPENDICULAR RAMP(S)
GRADE BREAK GREATER THAN 5'

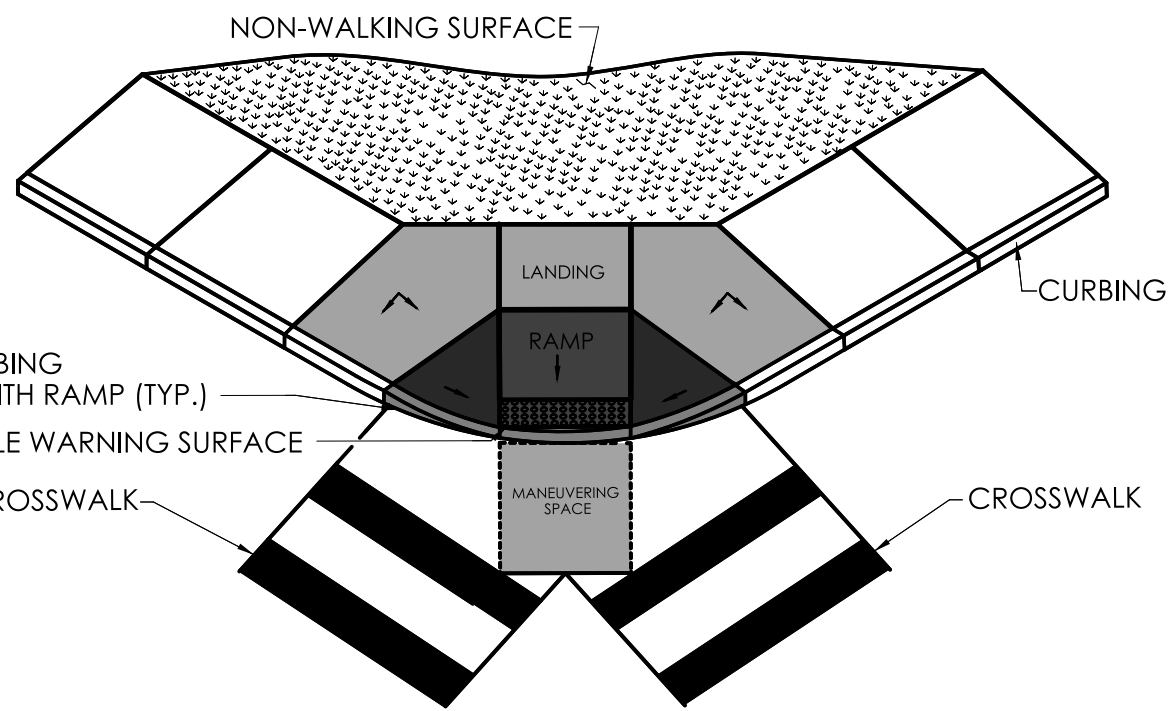
TYPE 2 SIDEWALK ABUTS ROADWAY

TYPE 4 SIDEWALK SEPARATED FROM ROADWAY
WITH NONWALK AREA



BLENDED RAMP WITH
TURNING SPACE AT THE TOP

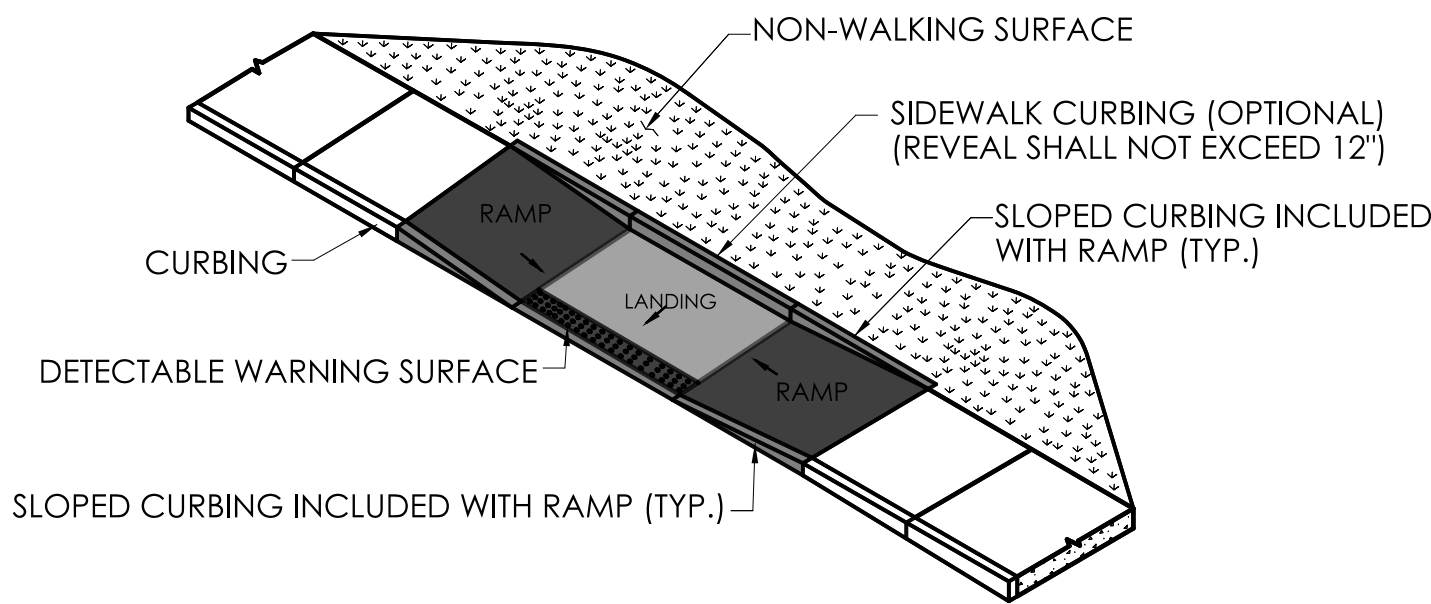
TYPE 5 SIDEWALK ABUTS ROADWAY



PERPENDICULAR RAMP(S) WITH
STREET MANEUVERING SPACE

TYPE 6 LANDING OBSTRUCTION PRESENT

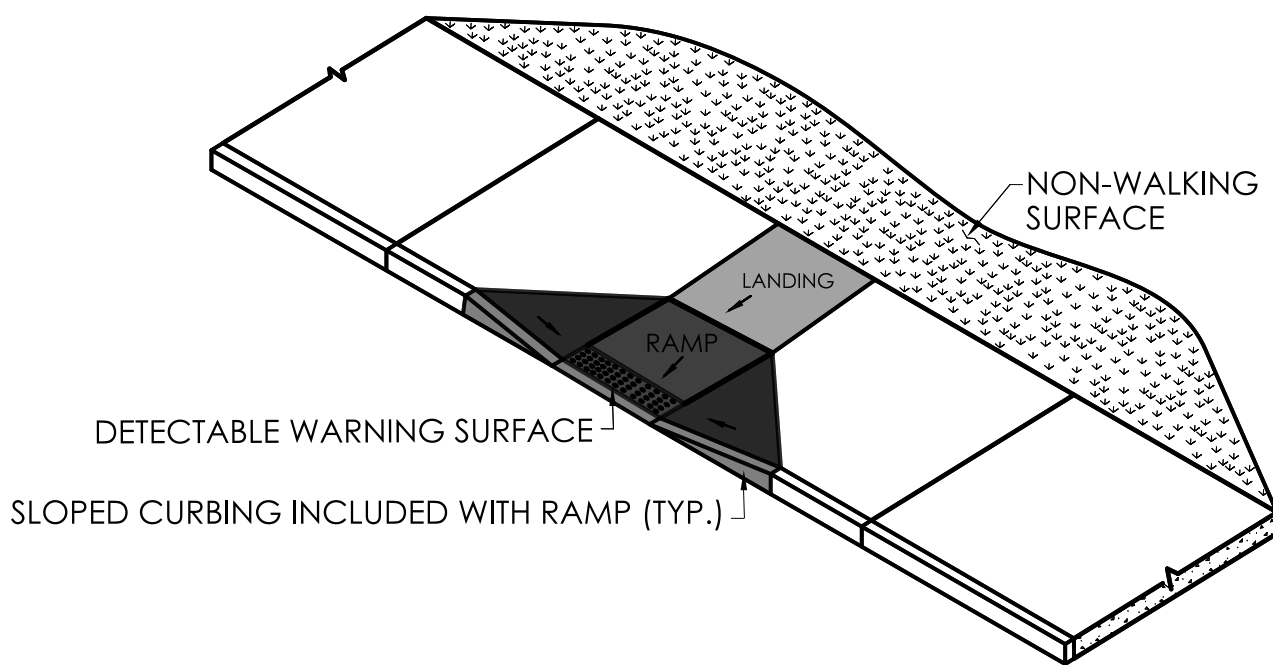
TYPE 7 NO LANDING OBSTRUCTION



PARALLEL RAMP(S)

TYPE 9 TWO RAMP(S) APPROACH TO LANDING

TYPE 10 SINGLE RAMP TO LANDING



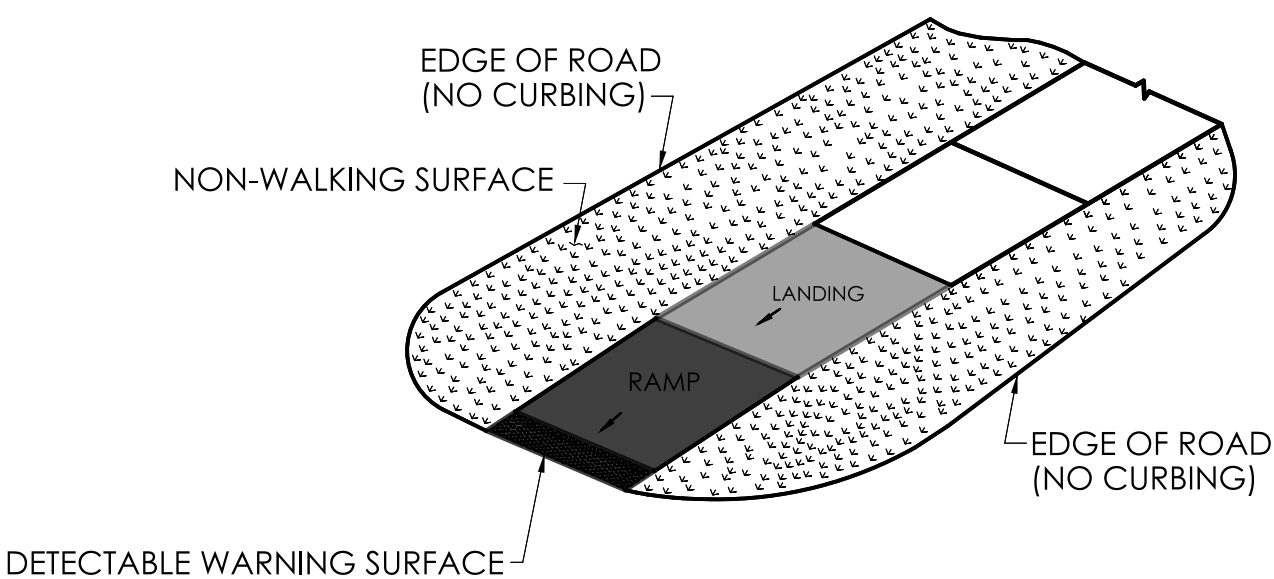
PERPENDICULAR RAMP(S)

TYPE 8 LANDING BYPASS WITH WALKABLE SURFACE

TYPE 13 LANDING WITH NON-WALKABLE SURFACE

TYPE 12 60" X 48" LANDING WITH NON-WALKABLE SURFACE

TYPE 11 60" X 60" LANDING WITH NON-WALKABLE SURFACE



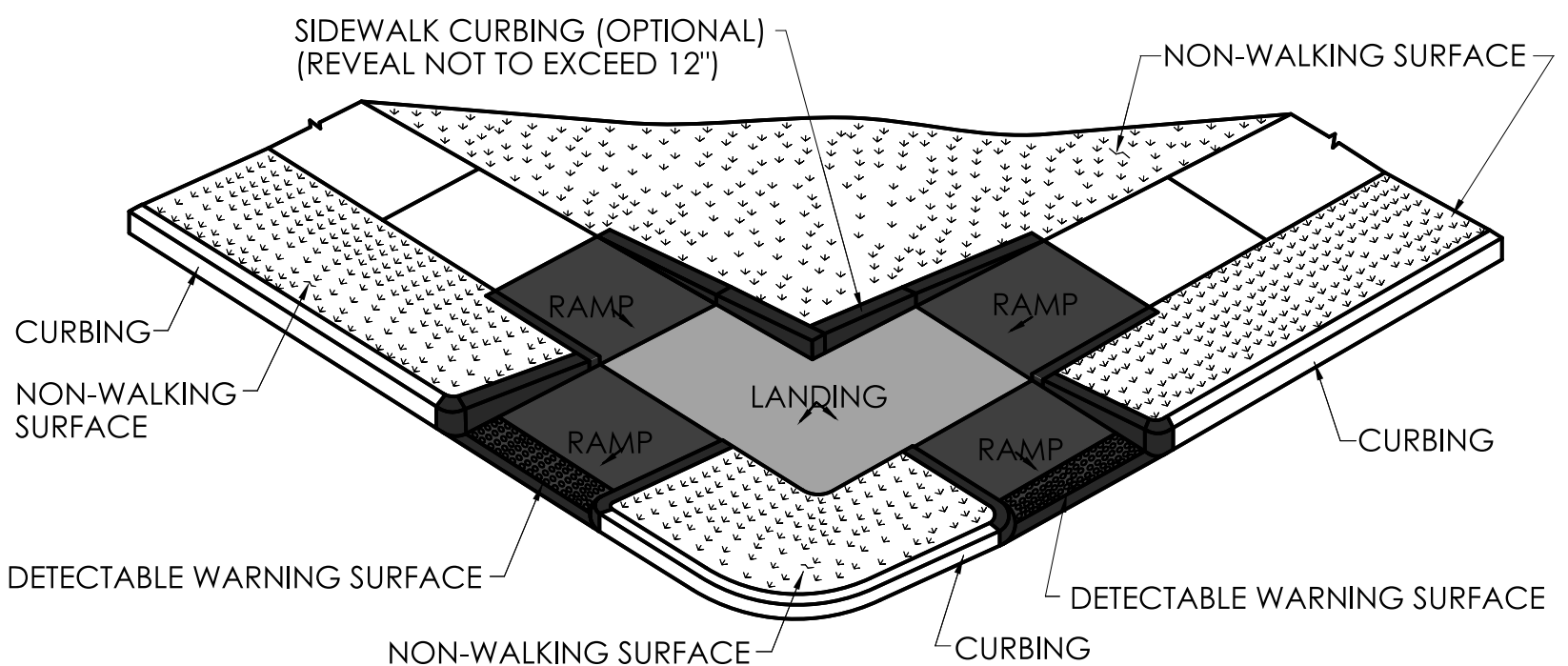
SINGLE DIRECTION RAMP(S)

TYPE 15 LANDING'S GRADE BREAK OF 5 FT OR LESS

TYPE 14 LANDING'S GRADE BREAK GREATER 5 FT

TYPE 16 RAMP WITH RETURN CURBING

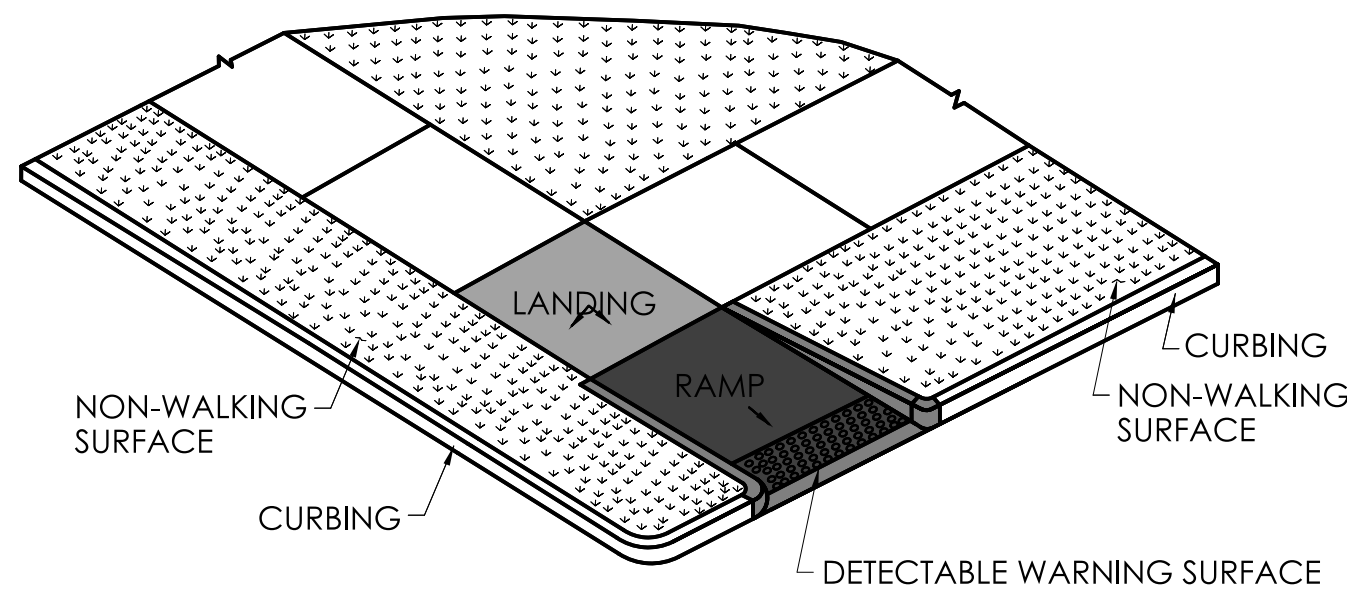
TYPE 17 RAMP WITH NO RETURN CURBING



PERPENDICULAR RAMP(S)

TYPE 18 EXAMPLE OF RAMP FLARE/CURB APPLICATIONS

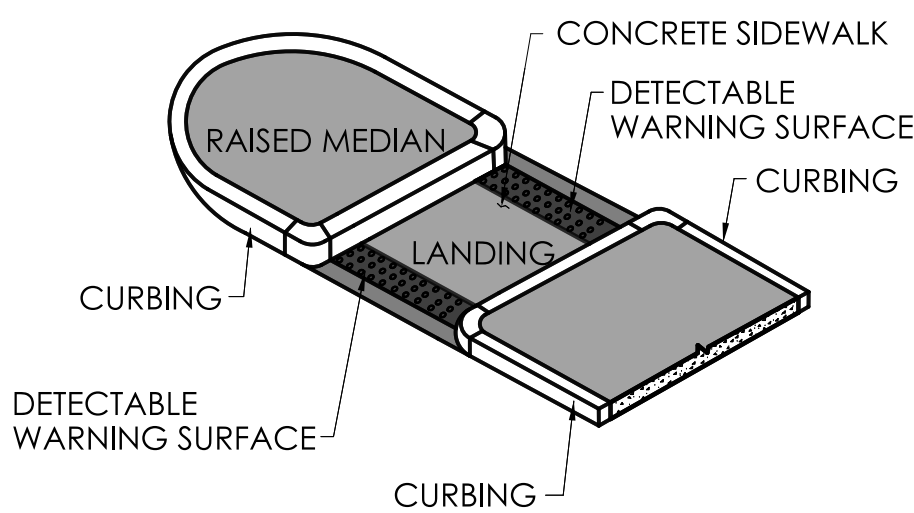
TYPE 19 COMBINATION SIDEWALK RAMPS



RESTRICTED PEDESTRIAN CROSSING
SIDEWALK RAMP(S)

TYPE 20 SINGLE RAMP FROM LANDING

TYPE 21 TWO RAMP(S) TO LANDING



PEDESTRIAN REFUGE ISLAND(S)

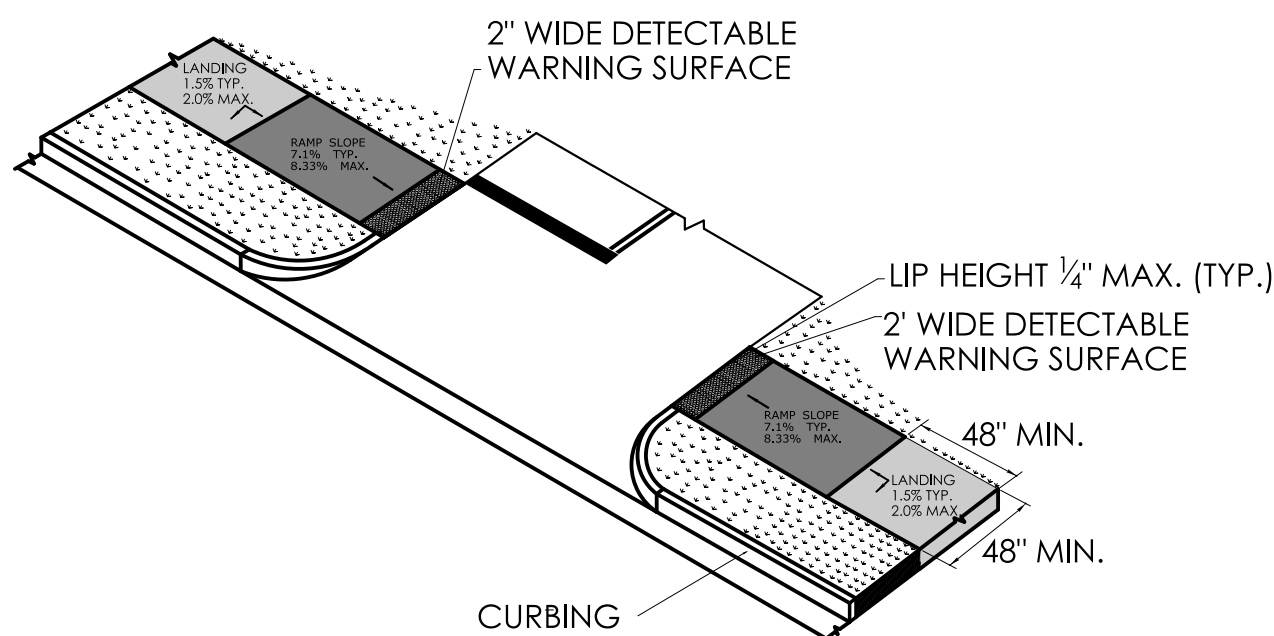
TYPE 22 ISLAND WIDTH 6 FT OR MORE

TYPE 23 ISLAND LESS THAN 6 FT WIDE

TYPE 24 REFUGE ISLAND WITH ELEVATED LANDING

TYPE 25 RIGHT TURN SLIP-LANE REFUGE ISLAND

TYPE 26 REFUGE ISLAND WITH OFFSET ACCESS



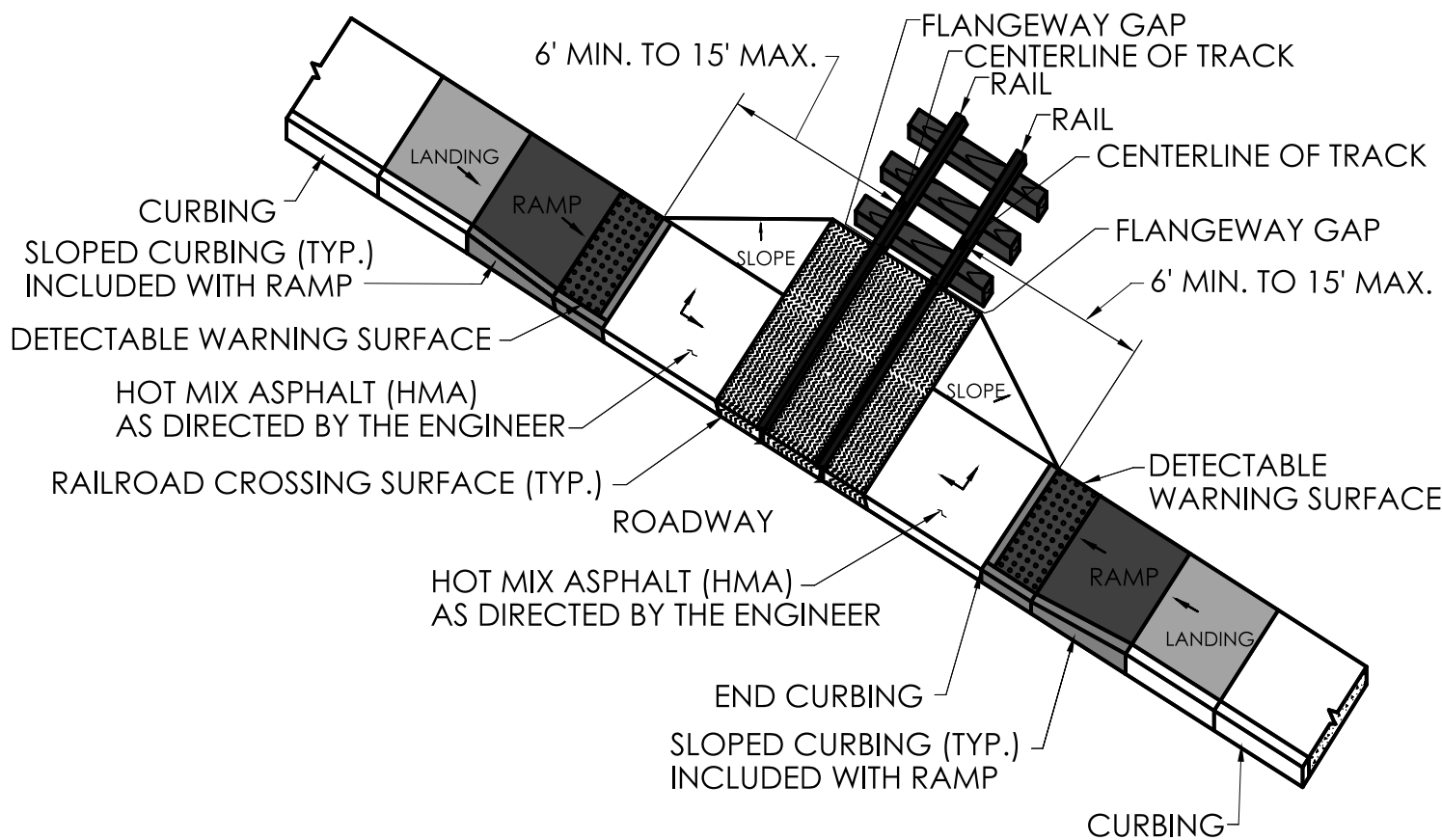
RESIDENTIAL AND COMMERICAL DRIVEWAY(S)

TYPE 29 SIGNALIZED OR STOP CONTROLLED COMMERCIAL DRIVEWAY WITH DETECTABLE WARNING SURFACE

TYPE 30 RESIDENTIAL OR COMMERCIAL DRIVEWAY WITHOUT DETECTABLE WARNNG SURFACE

TYPE 31 SIGNALIZED OR STOP CONTROLLED MAJOR COMMERCIAL DRIVWAY WITH DETECTABLE WARNING SURFACE

TYPE 32 RESIDENTIAL OR MINOR COMMERCIAL DRIVEWAY WITHOUT DETECTABLE WARNING SURFACE



RAILROAD CROSSING RAMPS

TYPE 27 RAILROAD CROSSING WITHOUT GATE

TYPE 28 RAILROAD CROSSING WITH GATE

REV.	DATE	REVISION DESCRIPTION



1. TRANSITION SIDEWALK RAMP TO MATCH ROADWAY PROFILE AS GRADUALLY AS POSSIBLE. DO NOT EXCEED 3 % PER FOOT CROSS SLOPE RATE OF CHANGE WHEN TRANSITIONING TO ROADWAY PROFILE.
2. COMPLETE TRANSITION TO ROADWAY PROFILE BEHIND DETECTABLE WARNING SURFACE.



1. SIDEWALK RAMPS SHALL HAVE A COARSE BROOM FINISH TRANSVERSE TO THE SLOPE OF THE RAMP.
2. VERTICAL SURFACE DISCONTINUITIES AT JOINTS SHALL NOT EXCEED $\frac{1}{4}$ INCH.
3. REMOVAL OF EXISTING SIDEWALK FOR NEW RAMP INSTALLATIONS SHALL BE TO THE NEAREST EXPANSION OR CONTRACTION JOINT.
4. THE RUNNING SLOPE OF THE CURB RAMP SHALL BE 8.33 PERCENT MAXIMUM BUT SHALL NOT REQUIRE THE RAMP LENGTH TO EXCEED 15 FEET.

[illegible]

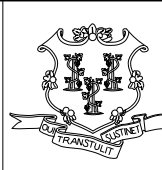
DESIGNER/DRAFTER: CHECKED BY:

LASTED SAVED BY: RichardEH FILE NAME: W:\CT_CONNECT_DDE\CT_Configuration\Organization\Cell\CTDOT_Borders_Contract.ctb
PLOTTED DATE: 11/23/2022

SIGNATURE
BLOCK:

OFFICE OF ENGINEERING
2800 BERLIN TURNPIKE
NEWINGTON, CT 06111

APPROVED BY:



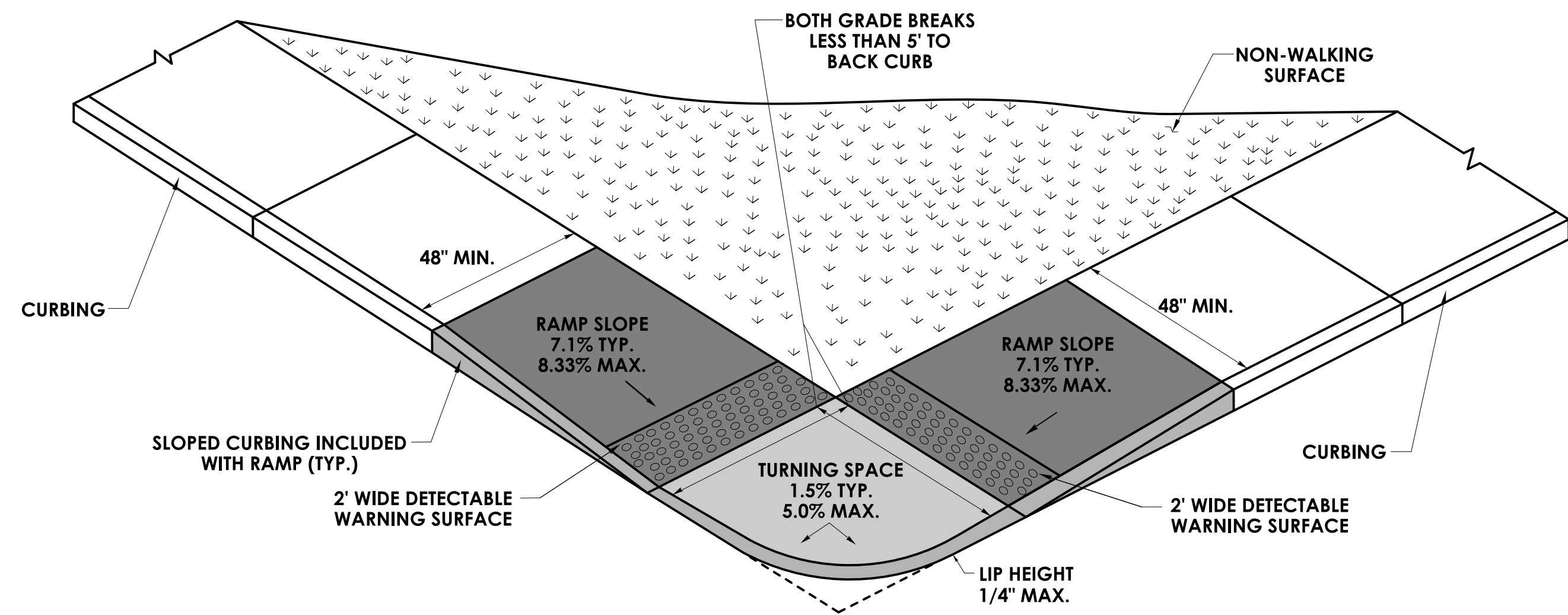
STATE OF CONNECTICUT
DEPARTMENT
OF
TRANSPORTATION



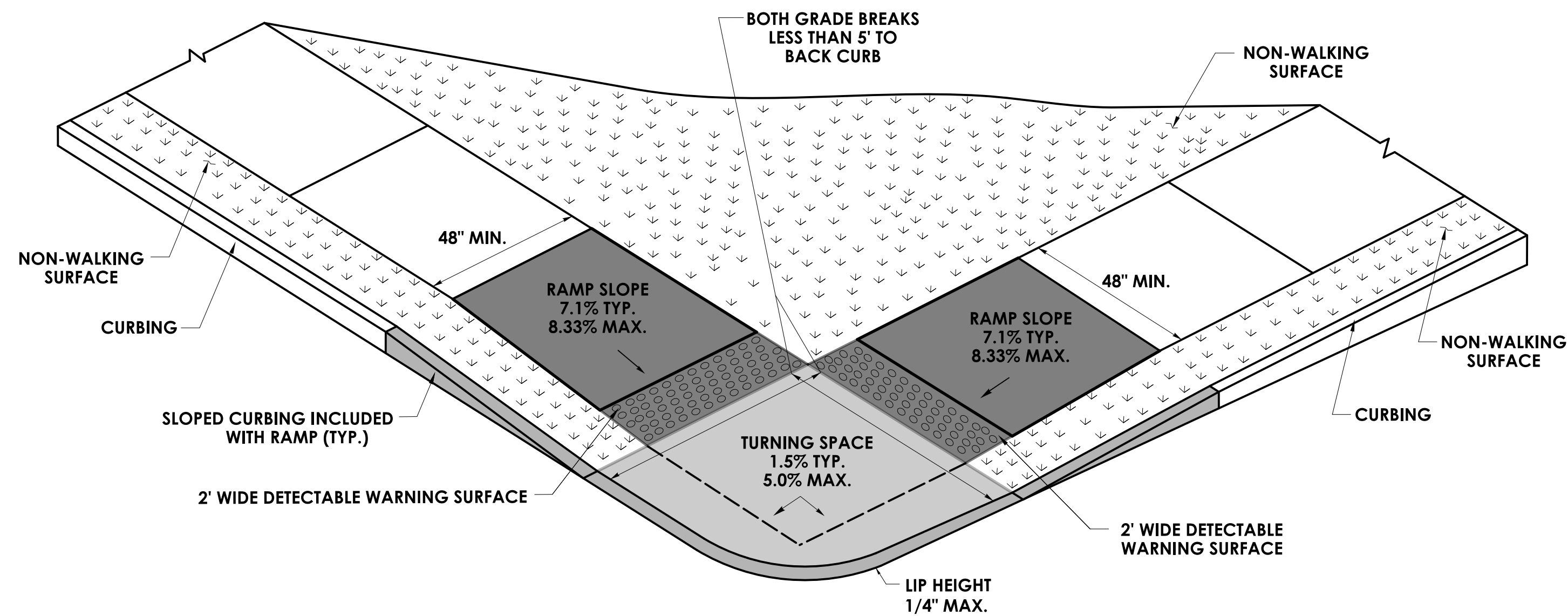
PROJECT NUMBER: 0000-0000
PROJECT DESCRIPTION: SAMPLE PROJECT DESCRIPTION
TOWN(S): SAMPLE TOWN(S)
DRAWING TITLE: CONCRETE SIDEWALK RAMPS SHEET 1 OF 11

DRAWING NO.

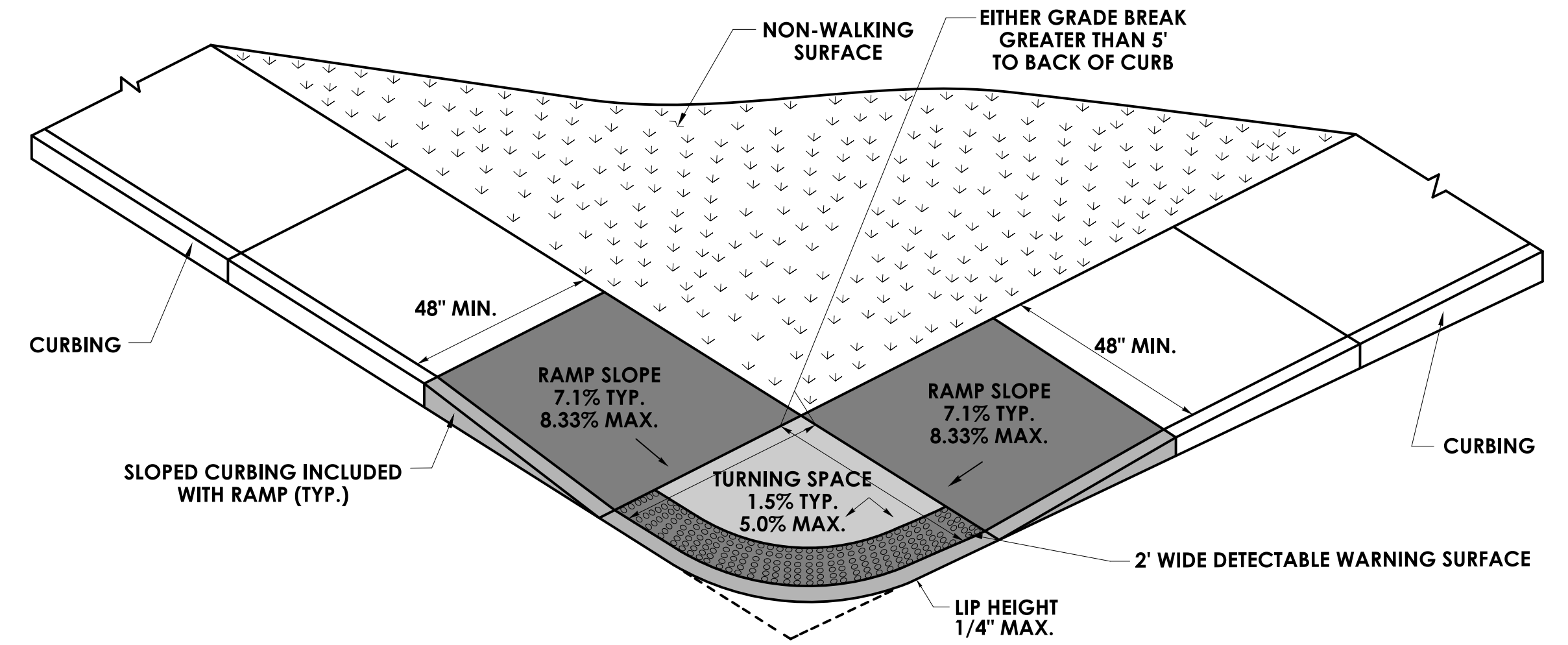
SHEET NO.



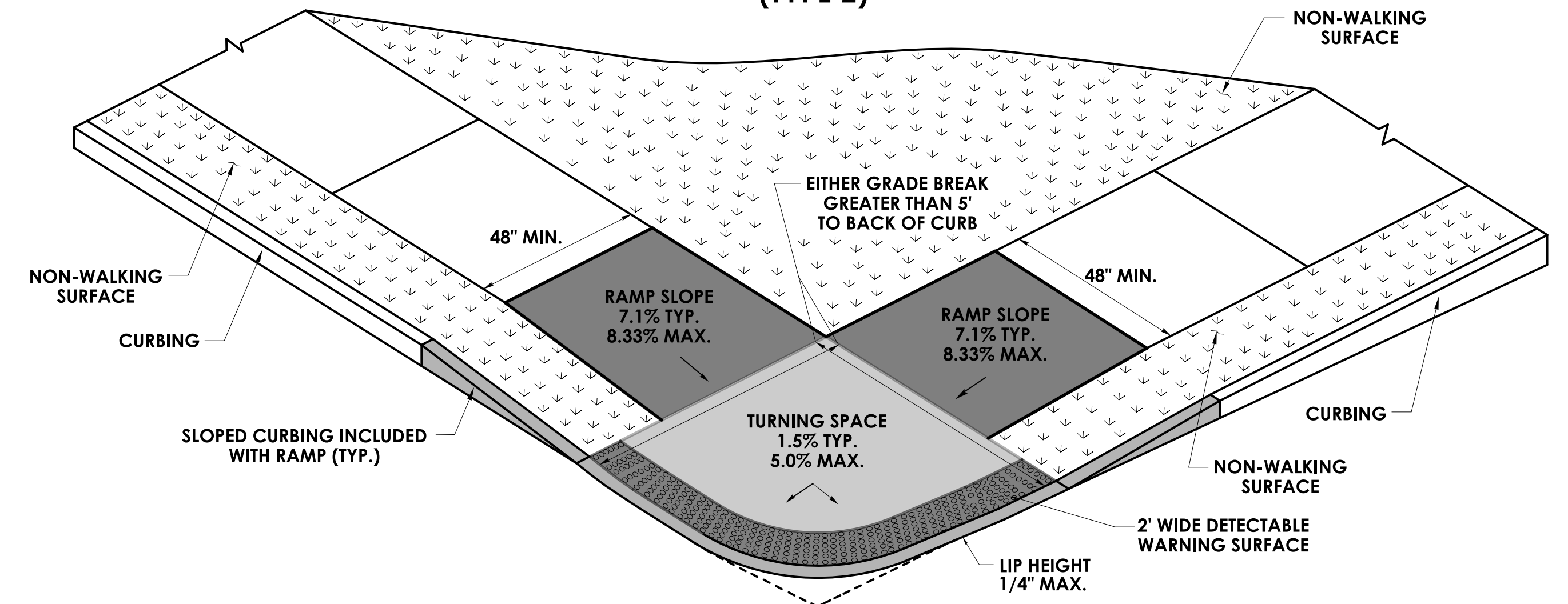
PERPENDICULAR RAMP
WITH A GRADE BREAK TO BACK OF CURB OF 5' OR LESS
(TYPE 1)



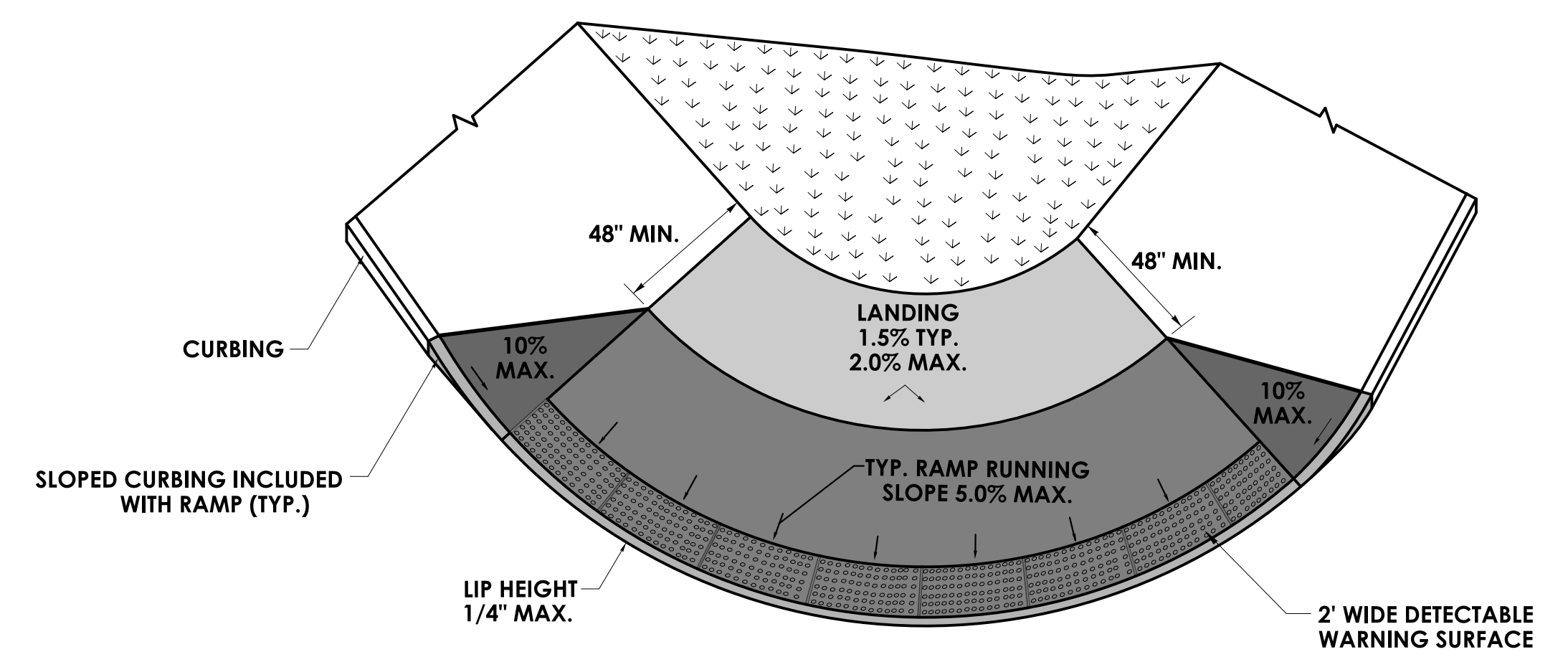
PERPENDICULAR RAMP
WITH A GRADE BREAK
TO BACK OF CURB OF 5' OR LESS
WITH NON-WALKING SURFACE
(TYPE 3)



BLENDED TRANSITION
WITH GRADE BREAK TO BACK OF CURB GREATER THAN 5'
(TYPE 2)

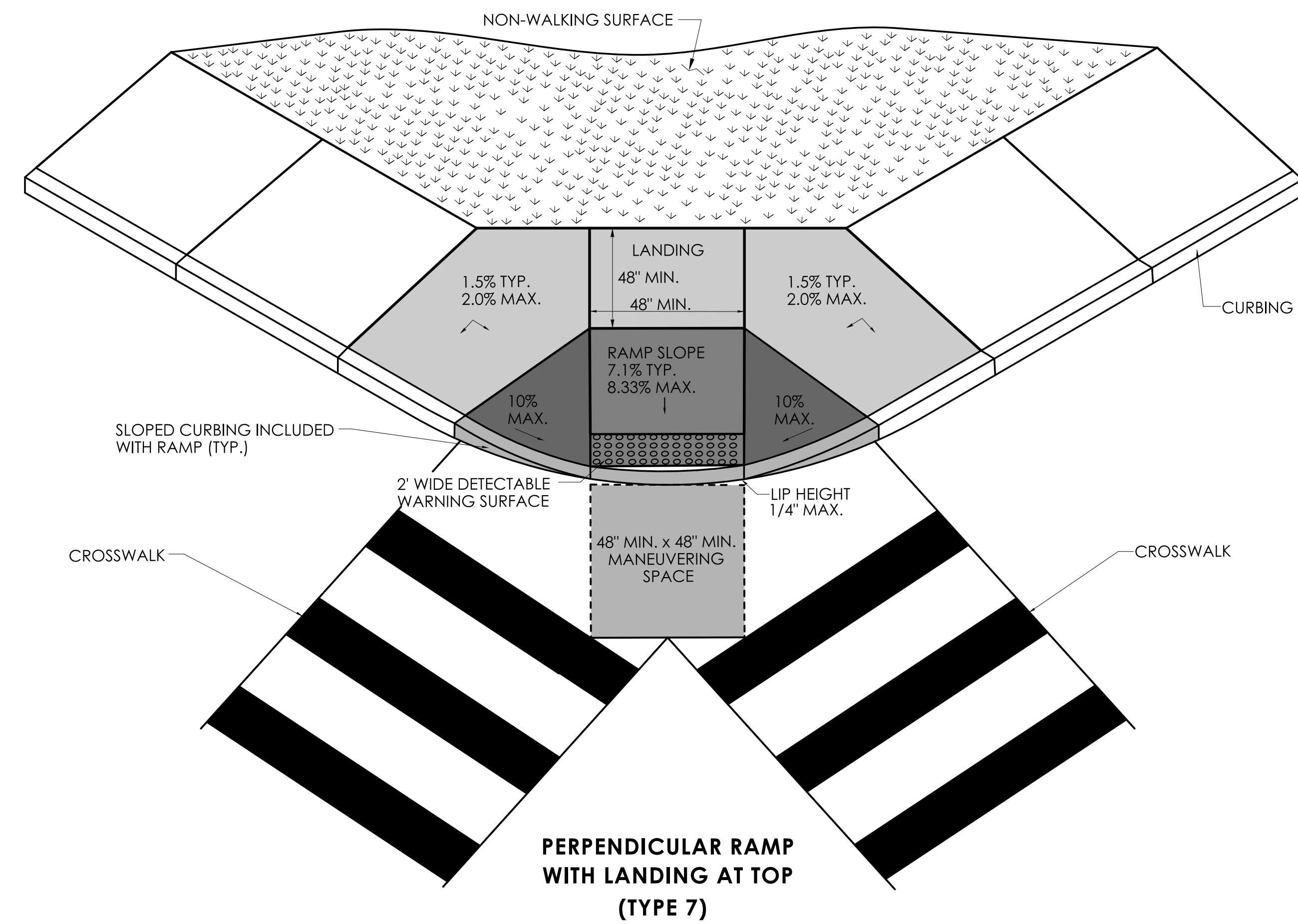
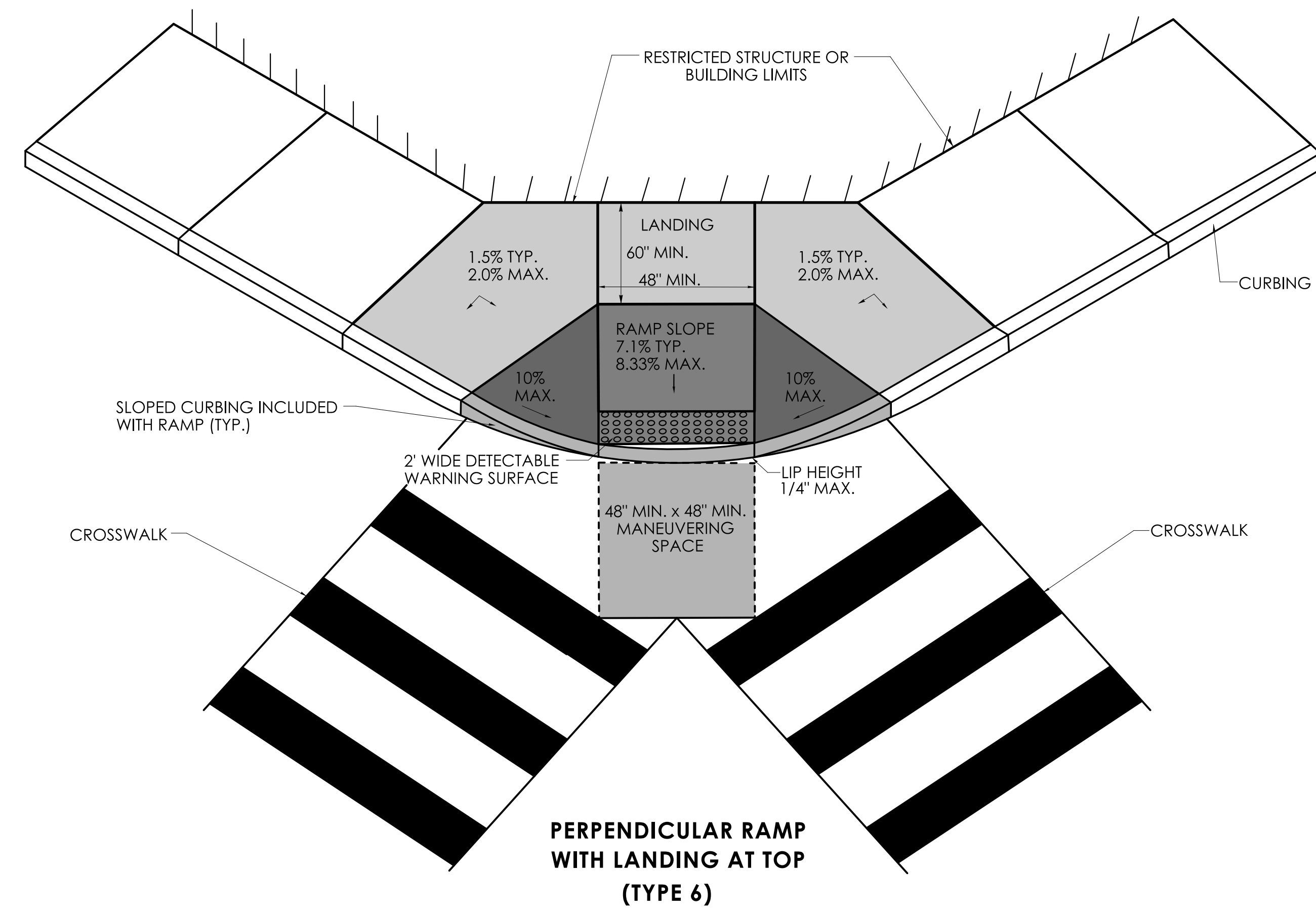


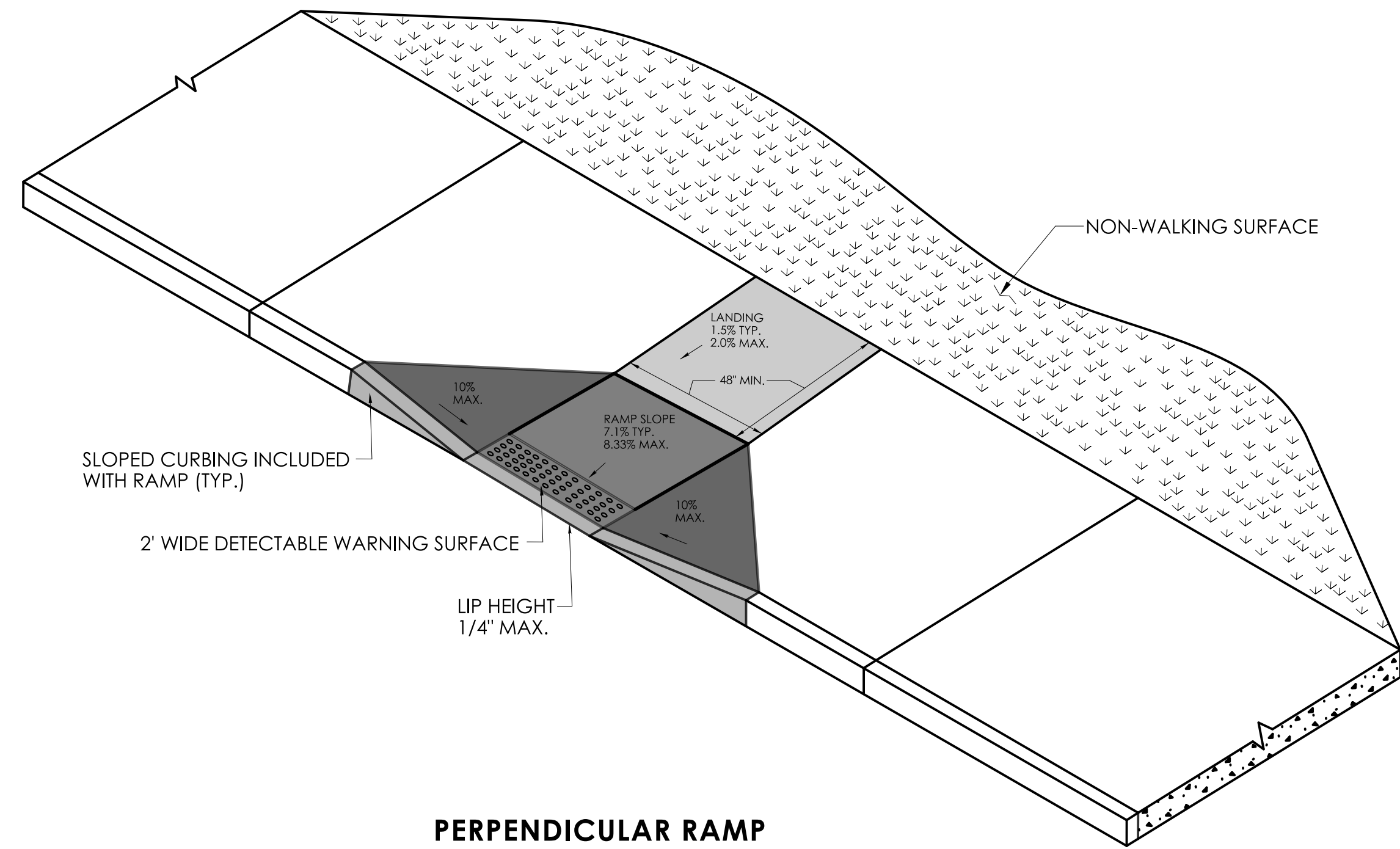
BLENDED TRANSITION
WITH A GRADE BREAK
TO BACK OF CURB GREATER THAN 5'
WITH NON-WALKING SURFACE
(TYPE 4)



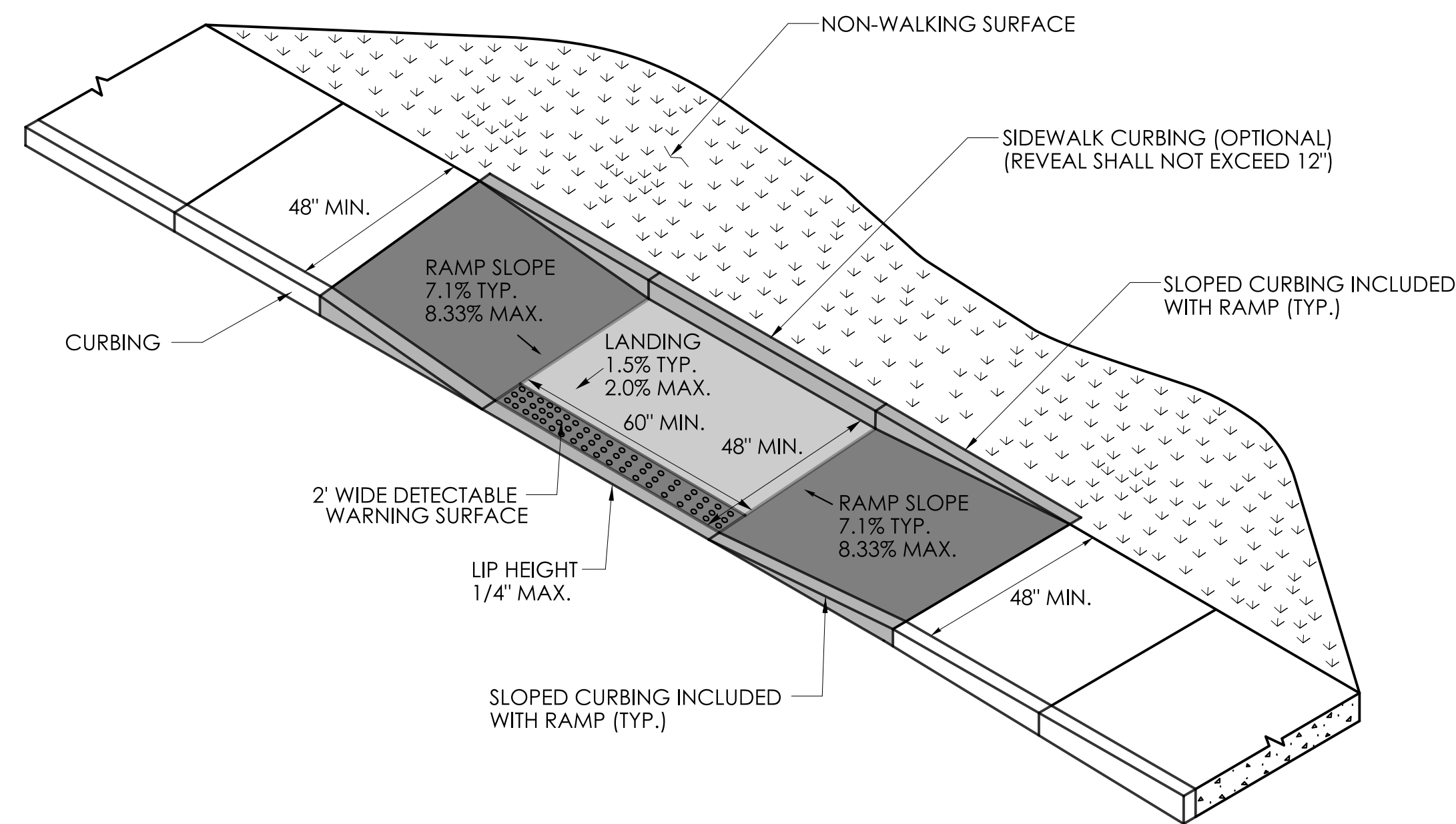
BLENDED TRANSITION
WITH LANDING AT TOP
(TYPE 5)

REV.	DATE	REVISION DESCRIPTION

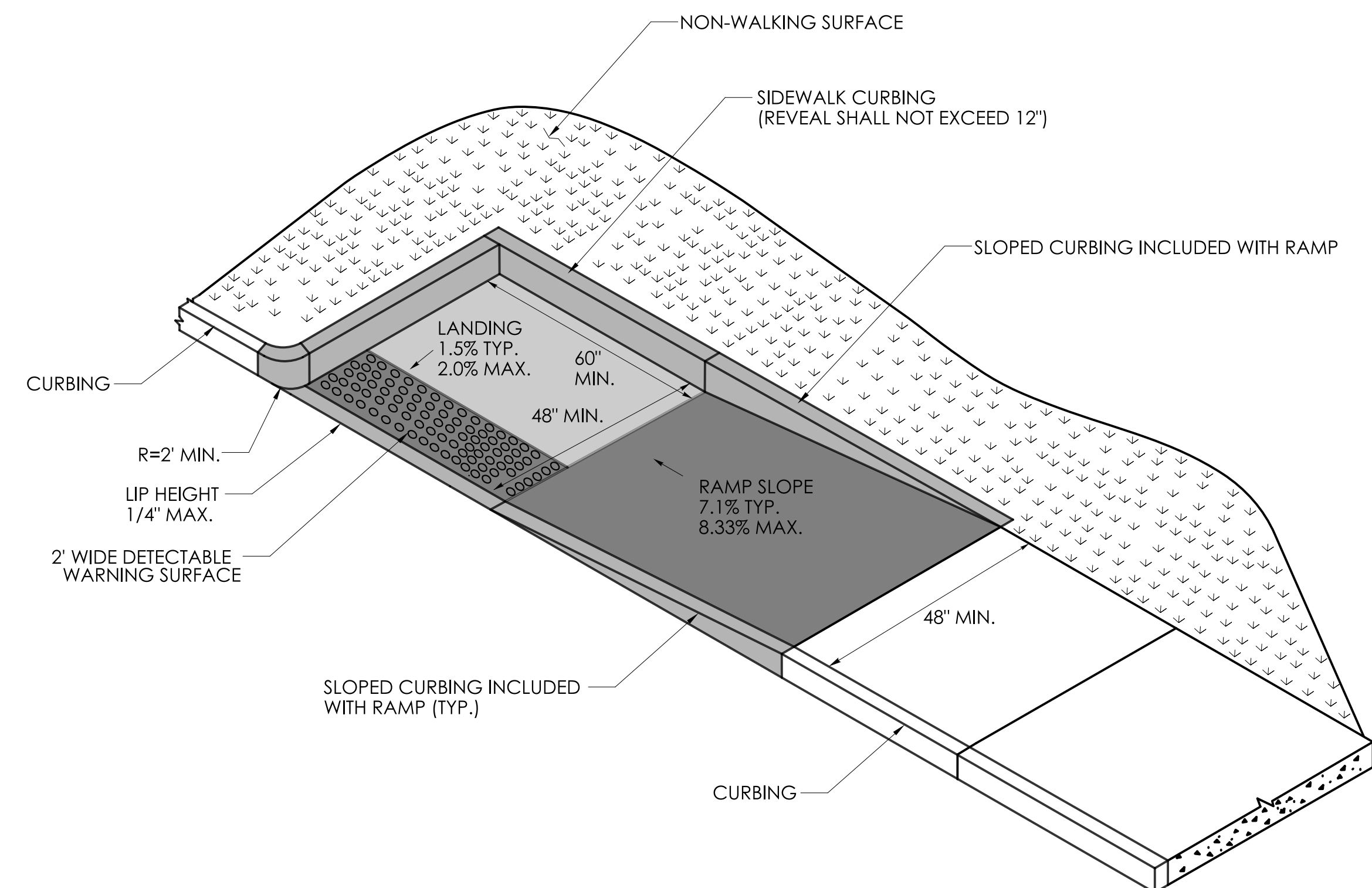
[illegible]



**PERPENDICULAR RAMP
WITH 48" BY-PASS
(TYPE 8)**

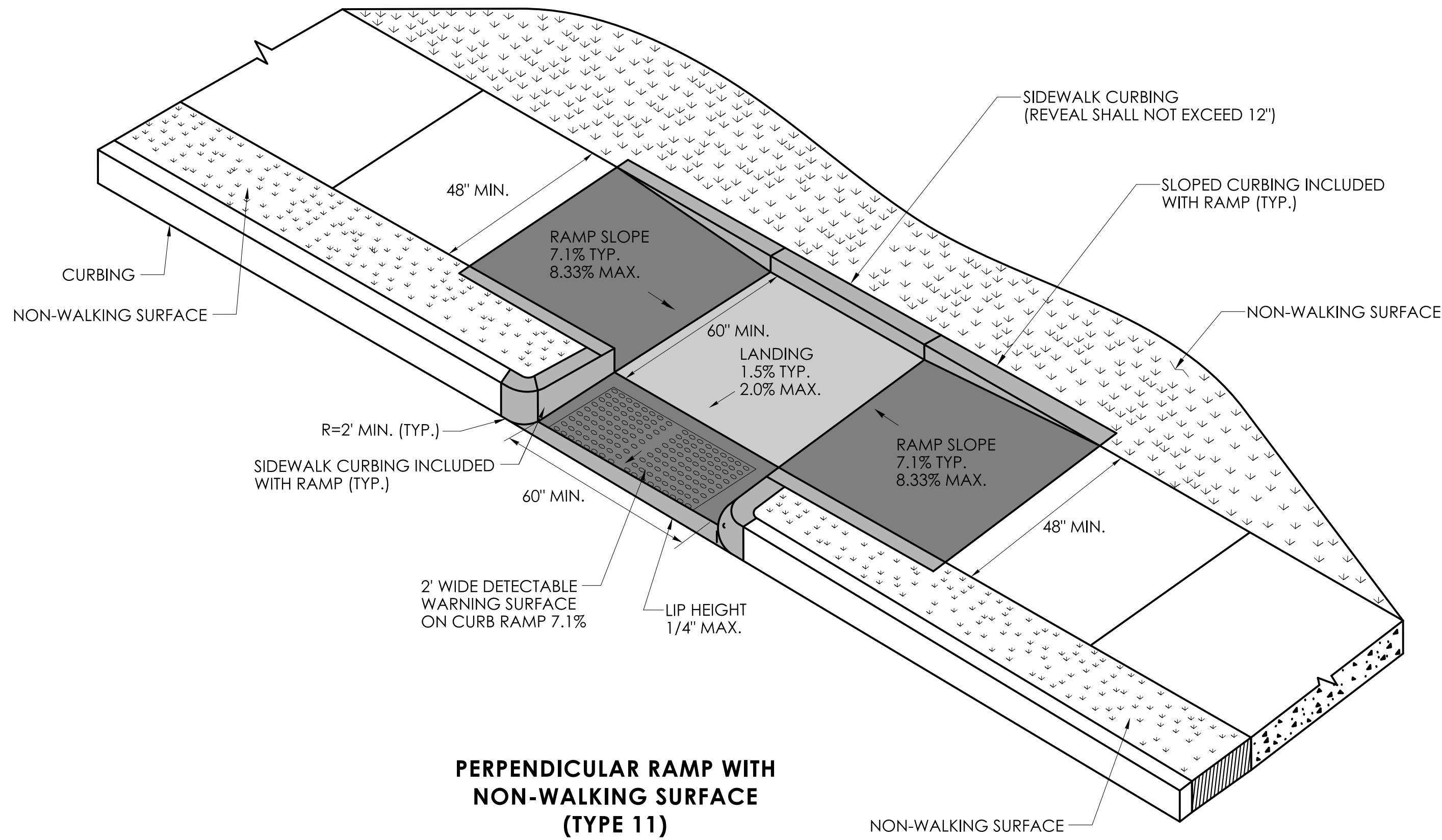


**PARALLEL RAMP WITHOUT
NON-WALKING SURFACE
(TYPE 9)**

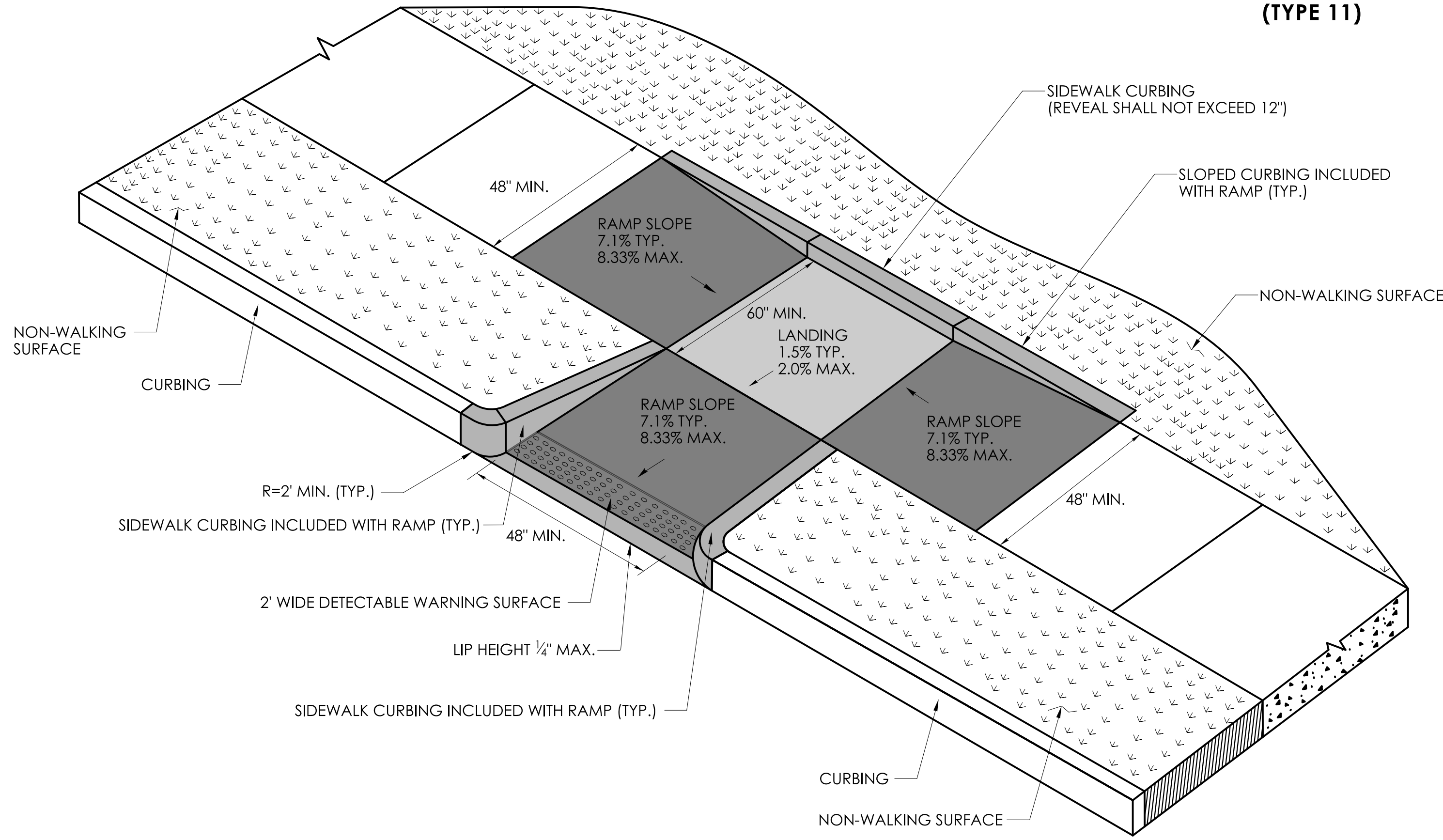


**PARALLEL RAMP
WITH LANDING AT BOTTOM ON CORNER
(TYPE 10)**

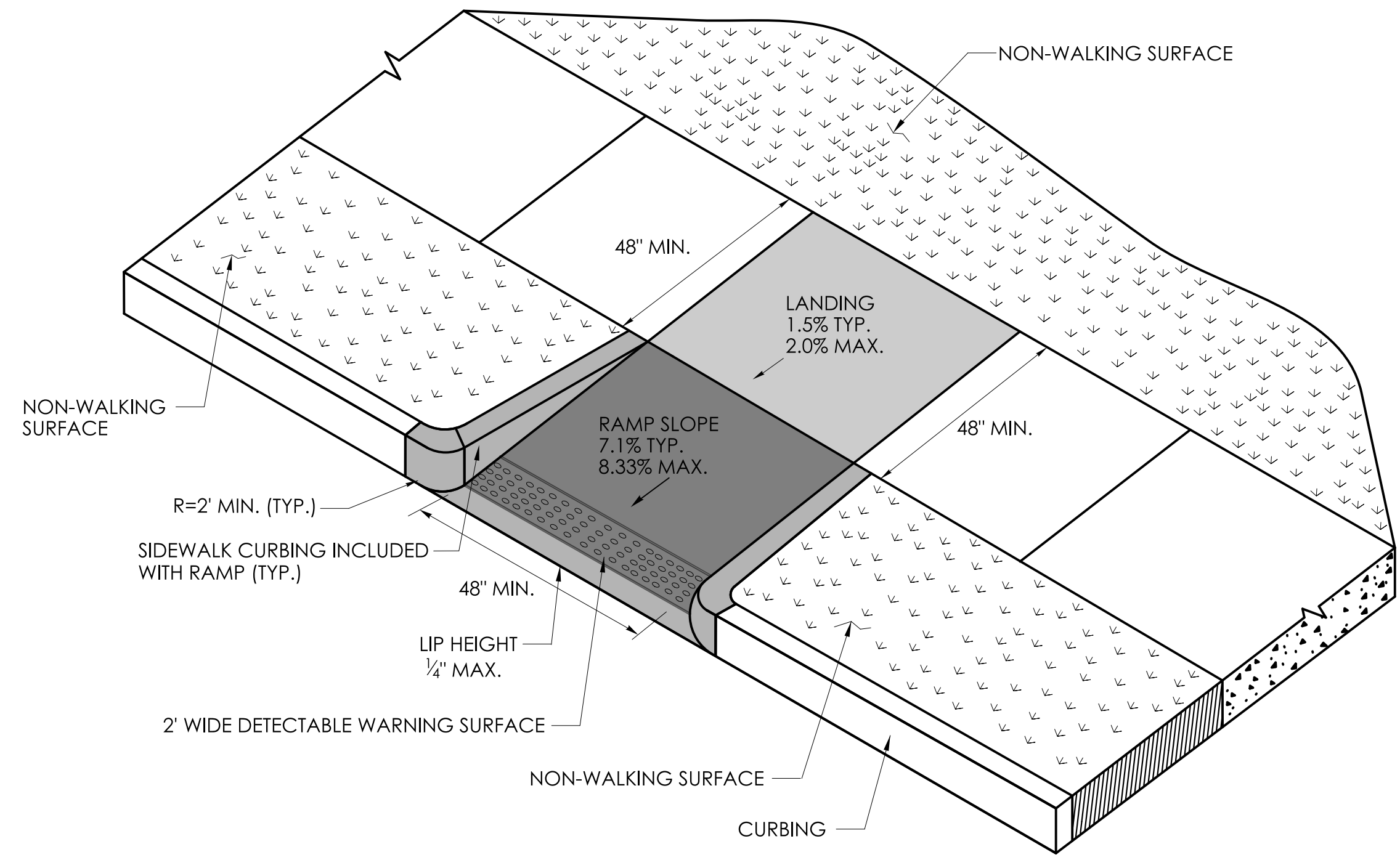
REVISION DESCRIPTION			
REV.	DATE	DESIGNER/DRAFTER	CHECKED BY:



**PERPENDICULAR RAMP WITH
NON-WALKING SURFACE
(TYPE 11)**

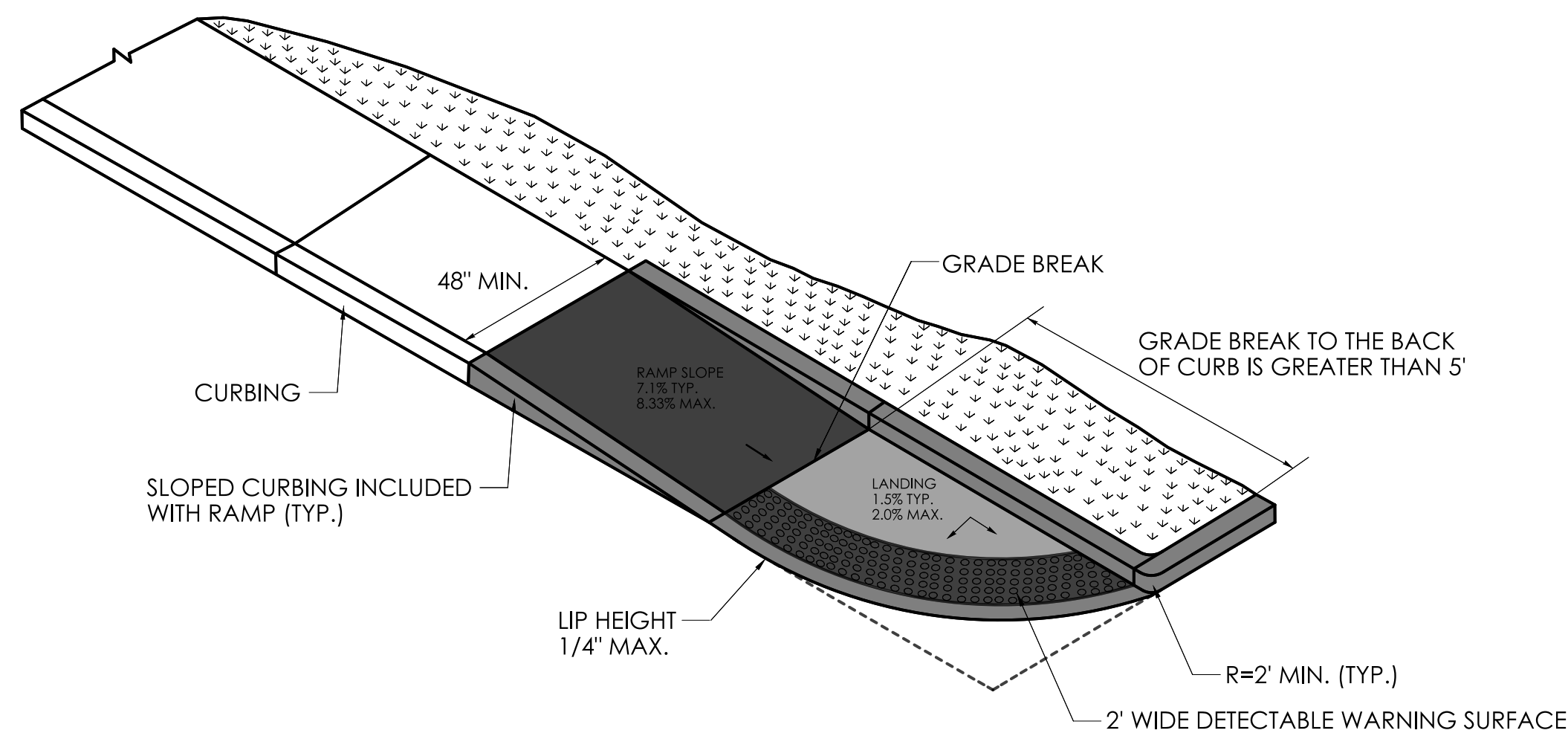


**PERPENDICULAR RAMP WITH SIDEWALK CURB
AND NON-WALKING SURFACE
(TYPE 12)**

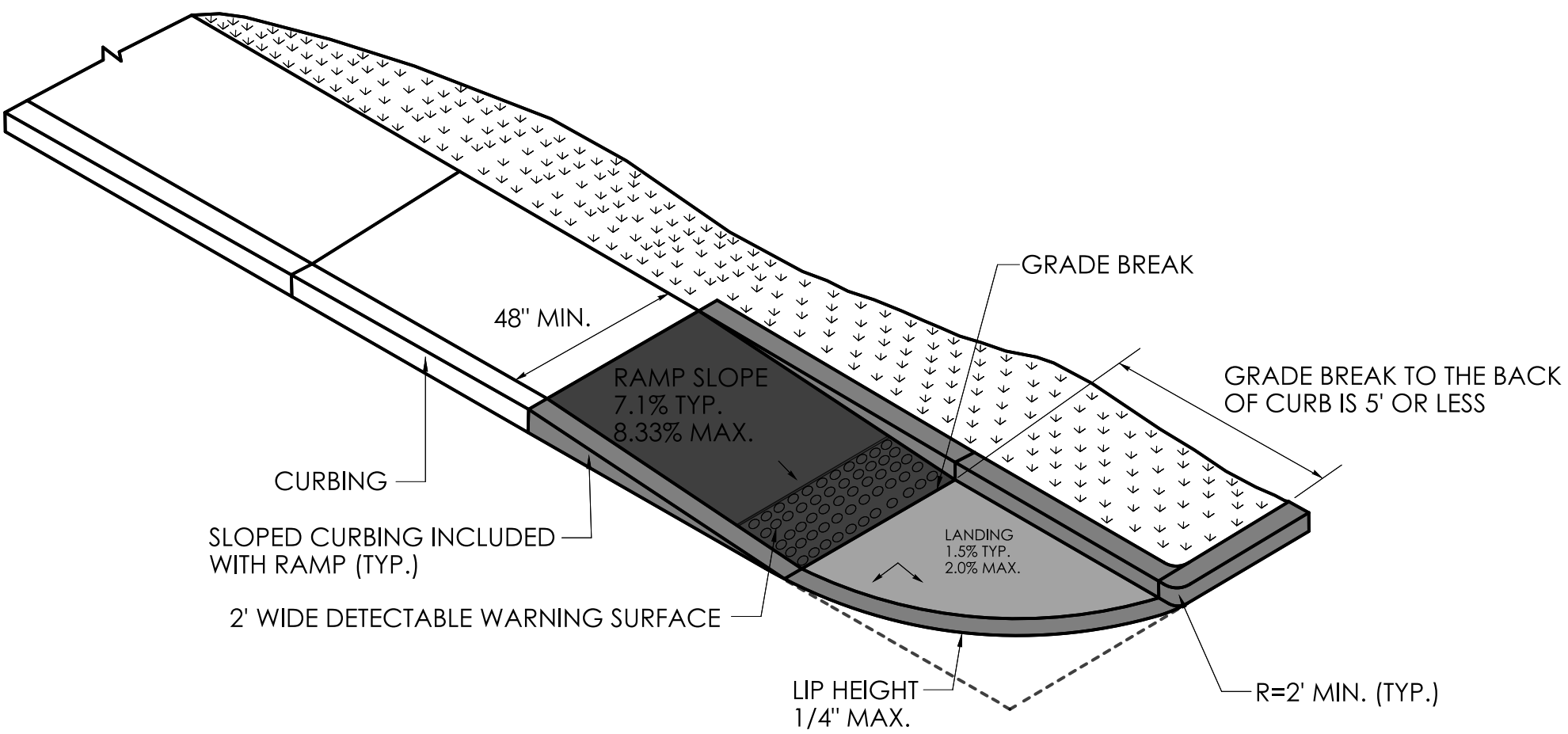


**PERPENDICULAR RAMP
WITH NON-WALKING SURFACE
(TYPE 13)**

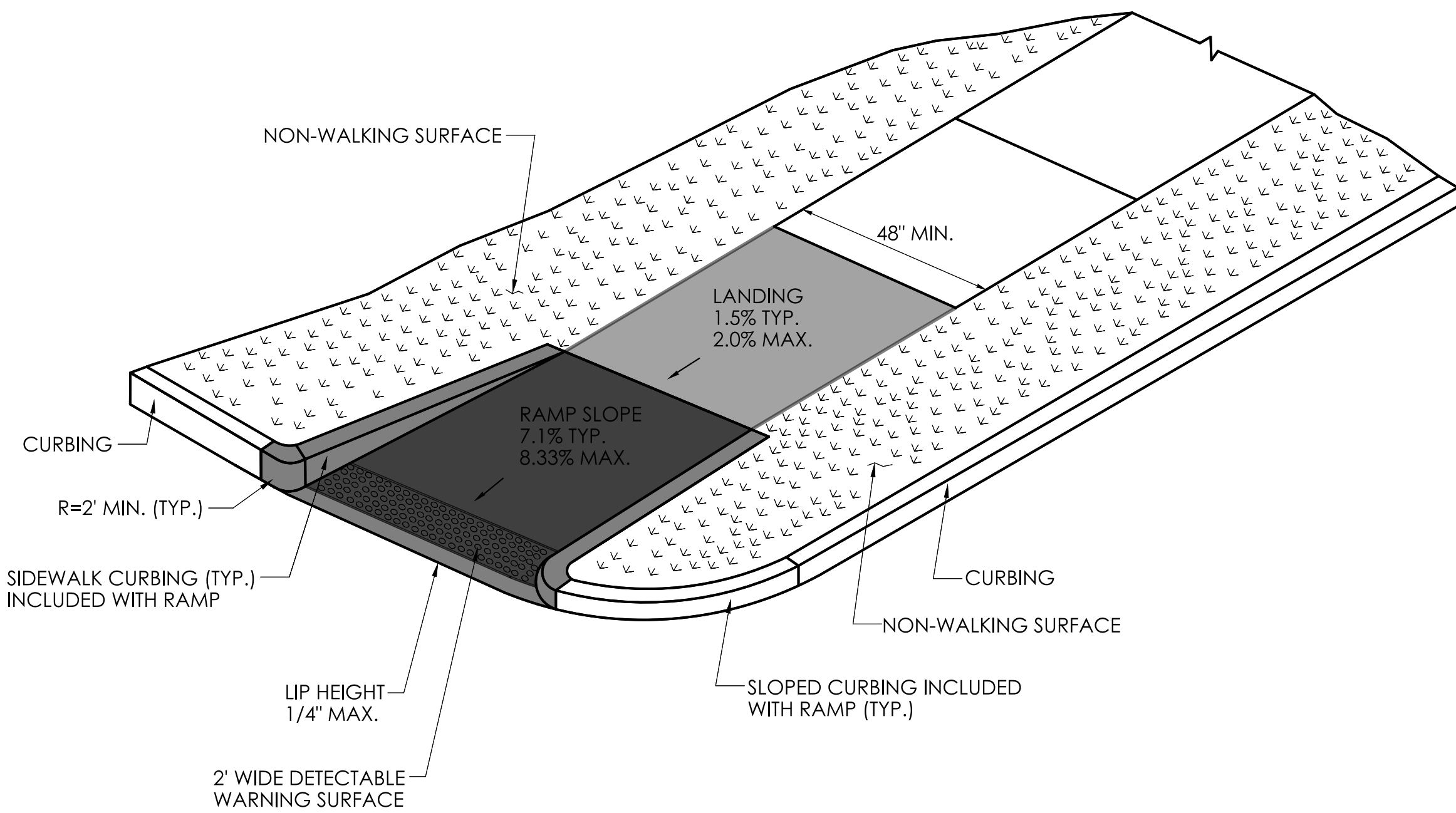
REV.	DATE	REVISION DESCRIPTION



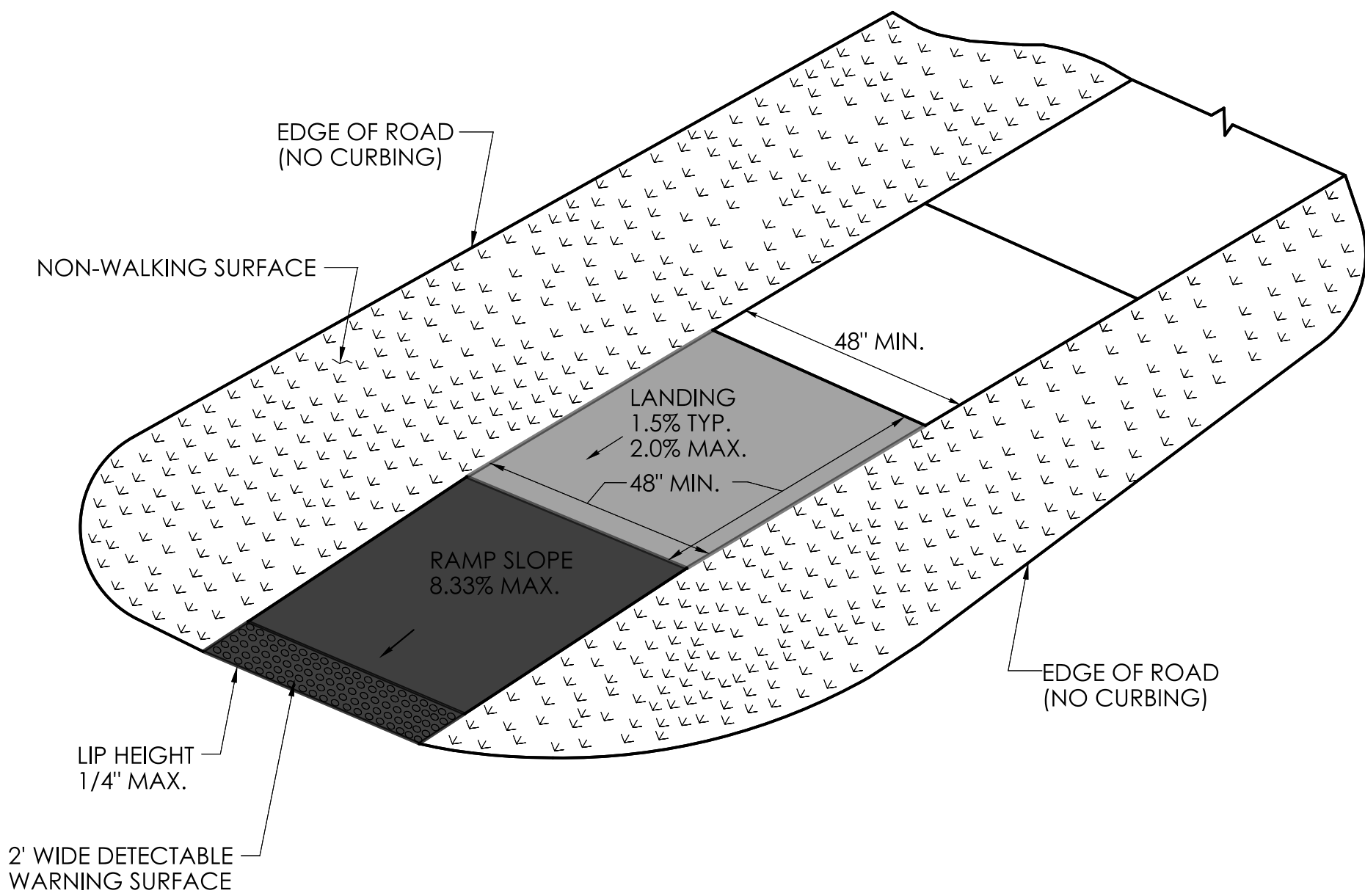
**SINGLE DIRECTION RAMP
WITHOUT NON-WALKING SURFACE
GRADE BREAK GREATER THAN 5'
(TYPE 14)**



**SINGLE DIRECTION RAMP
GRADE BREAK TO THE BACK
OF CURB IS 5' OR LESS
(TYPE 15)**

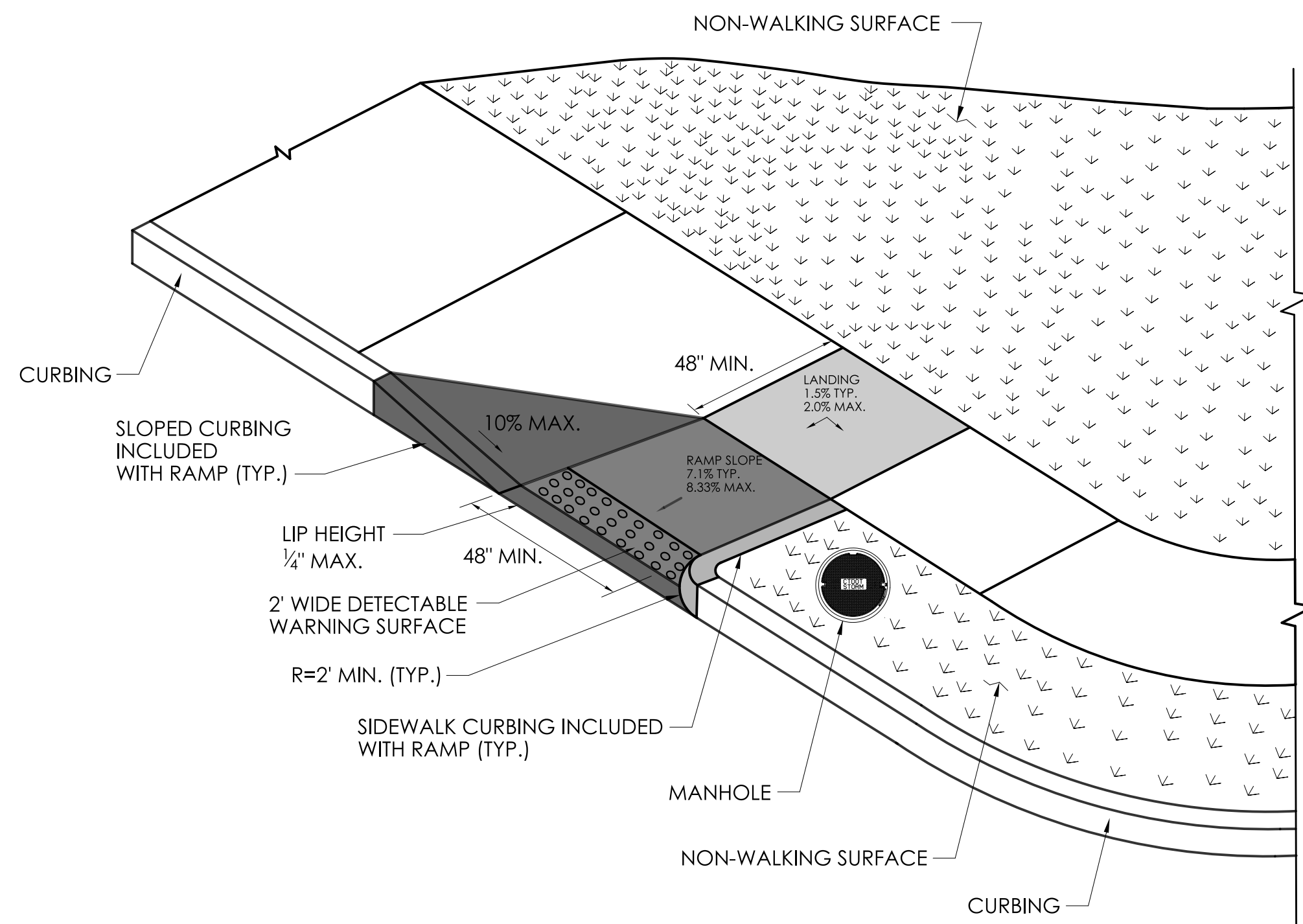


**SINGLE DIRECTION - RETURN CURB
WITH NON-WALKING SURFACE
(TYPE 16)**

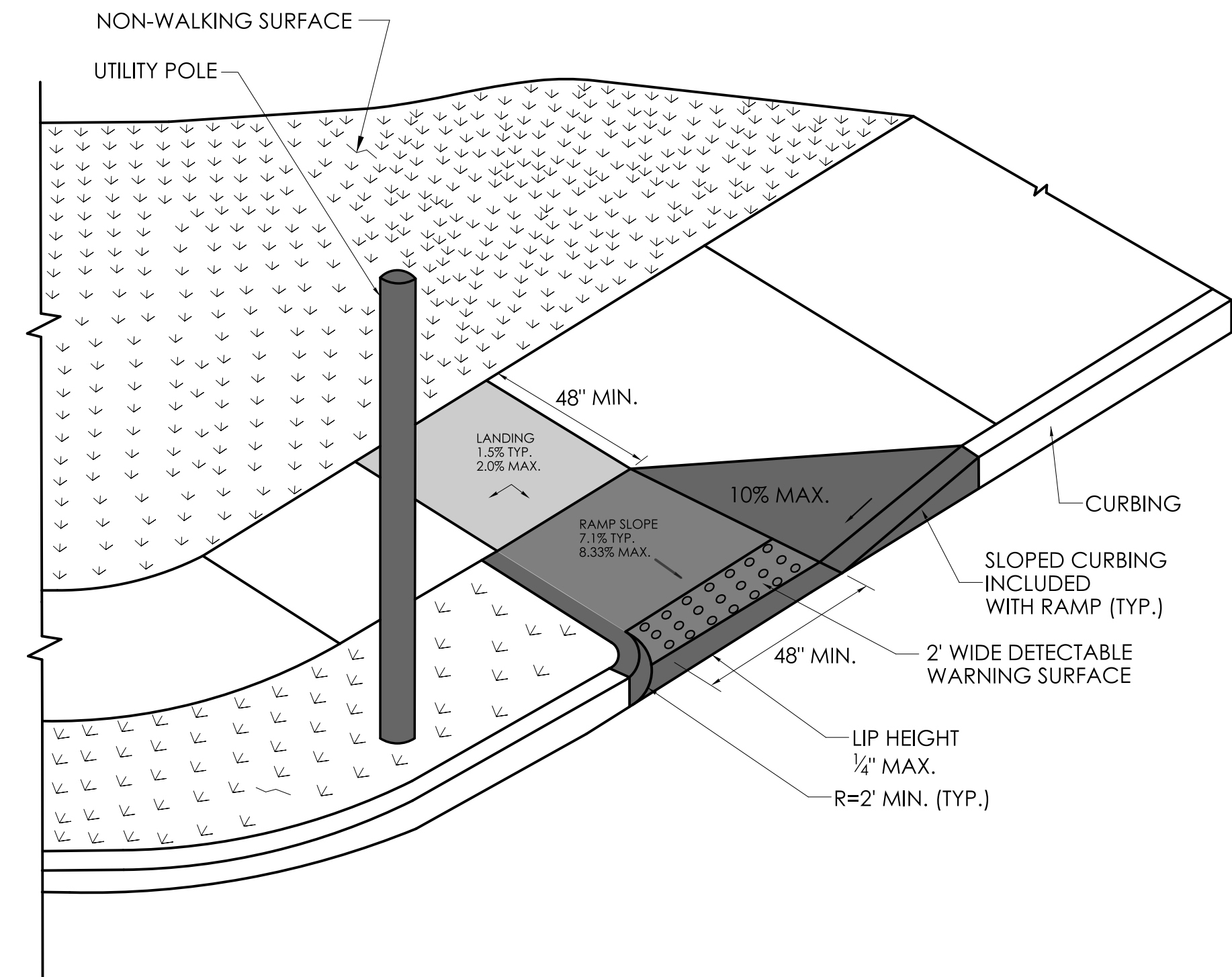


**SINGLE DIRECTION - NO CURB
WITH NON-WALKING SURFACE
(TYPE 17)**

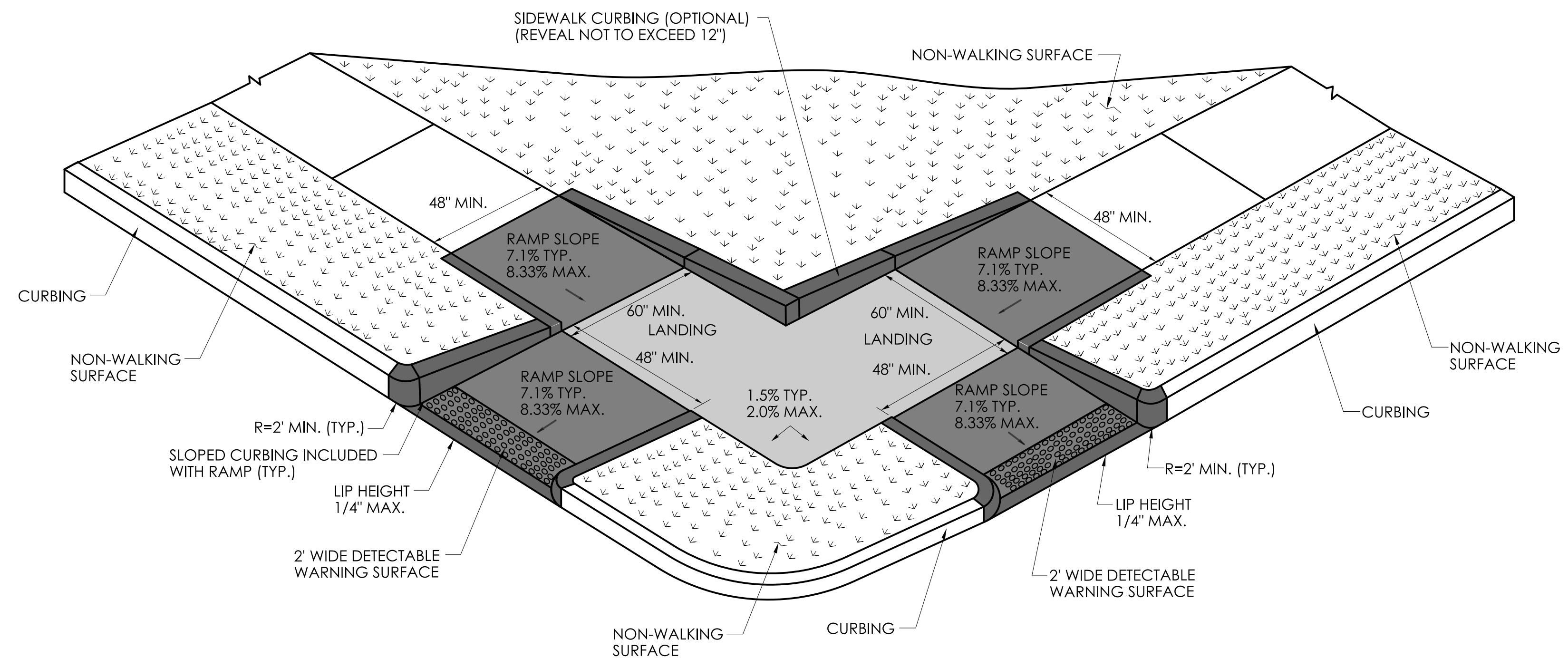
REV.	DATE	REVISION DESCRIPTION



**PERPENDICULAR RAMP
WITH NON-WALKING SURFACE
(TYPE 18 LEFT)**



**PERPENDICULAR RAMP
WITH NON-WALKING SURFACE
(TYPE 18 RIGHT)**



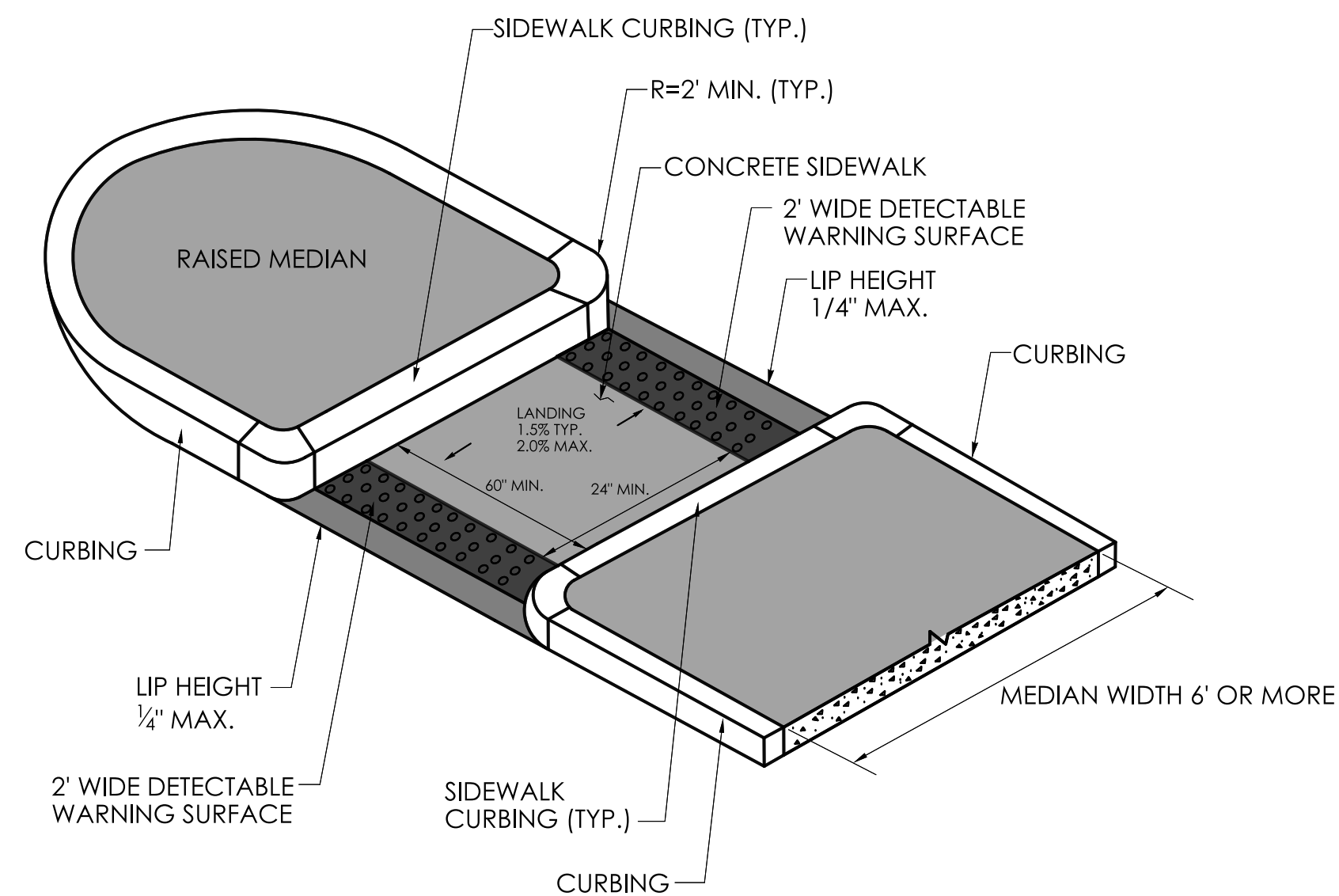
**PERPENDICULAR RAMP
WITH NON-WALKING SURFACE
(TYPE 19)**

REV.	DATE	REVISION DESCRIPTION

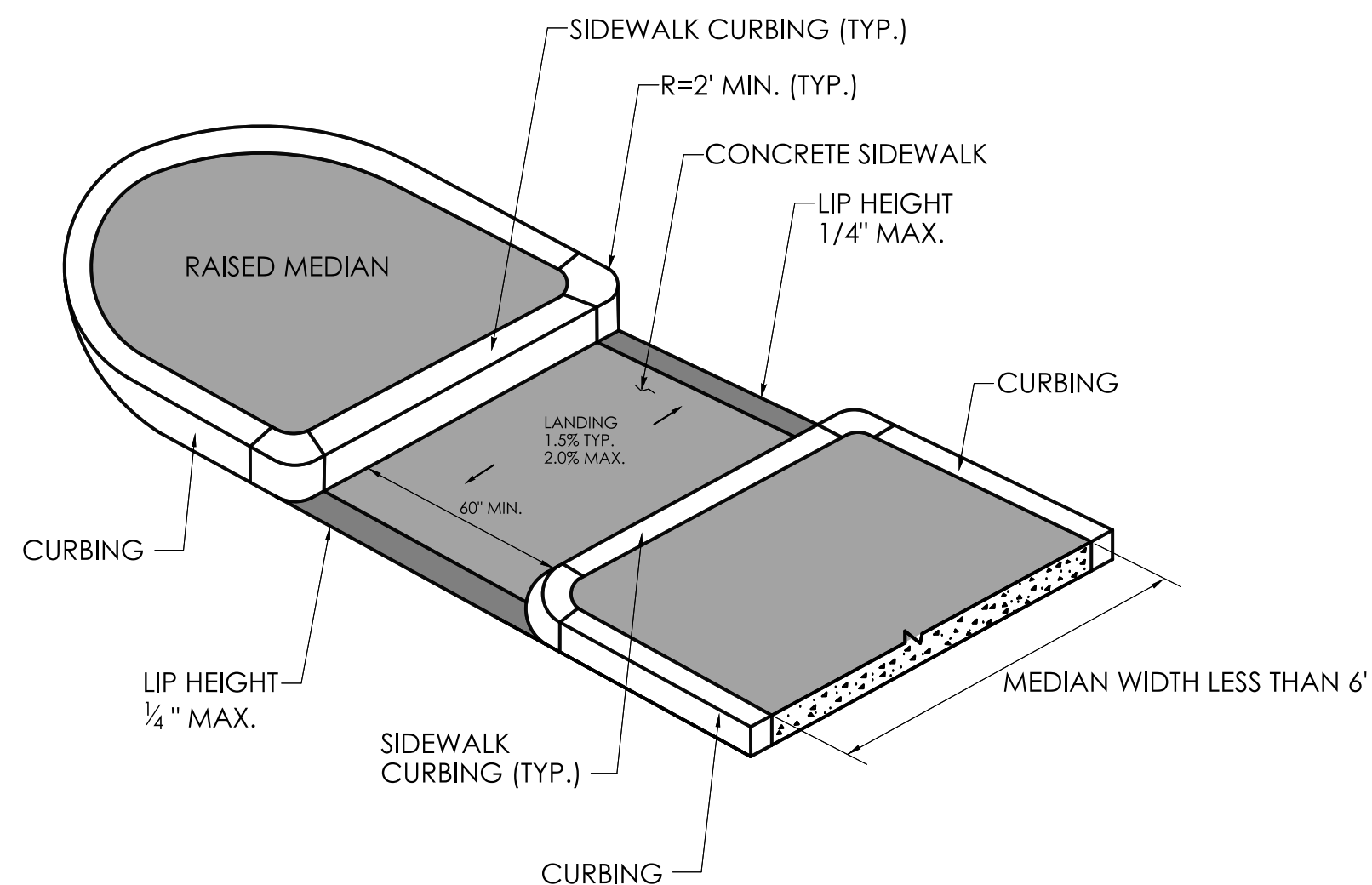
DESIGNER/DRAFTER:	CHECKED BY:	SIGNATURE/ BLOCK:	APPROVED BY:	STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION	PROJECT NUMBER: 0000-0000 PROJECT DESCRIPTION: SAMPLE PROJECT DESCRIPTION TOWN(S): SAMPLE TOWN(S) DRAWING TITLE: CONCRETE SIDEWALK RAMPS SHEET 7 OF 11	DRAWING NO.
OFFICE OF ENGINEERING 2800 BERLIN TURNPIKE NEWINGTON, CT 06111						SHEET NO.



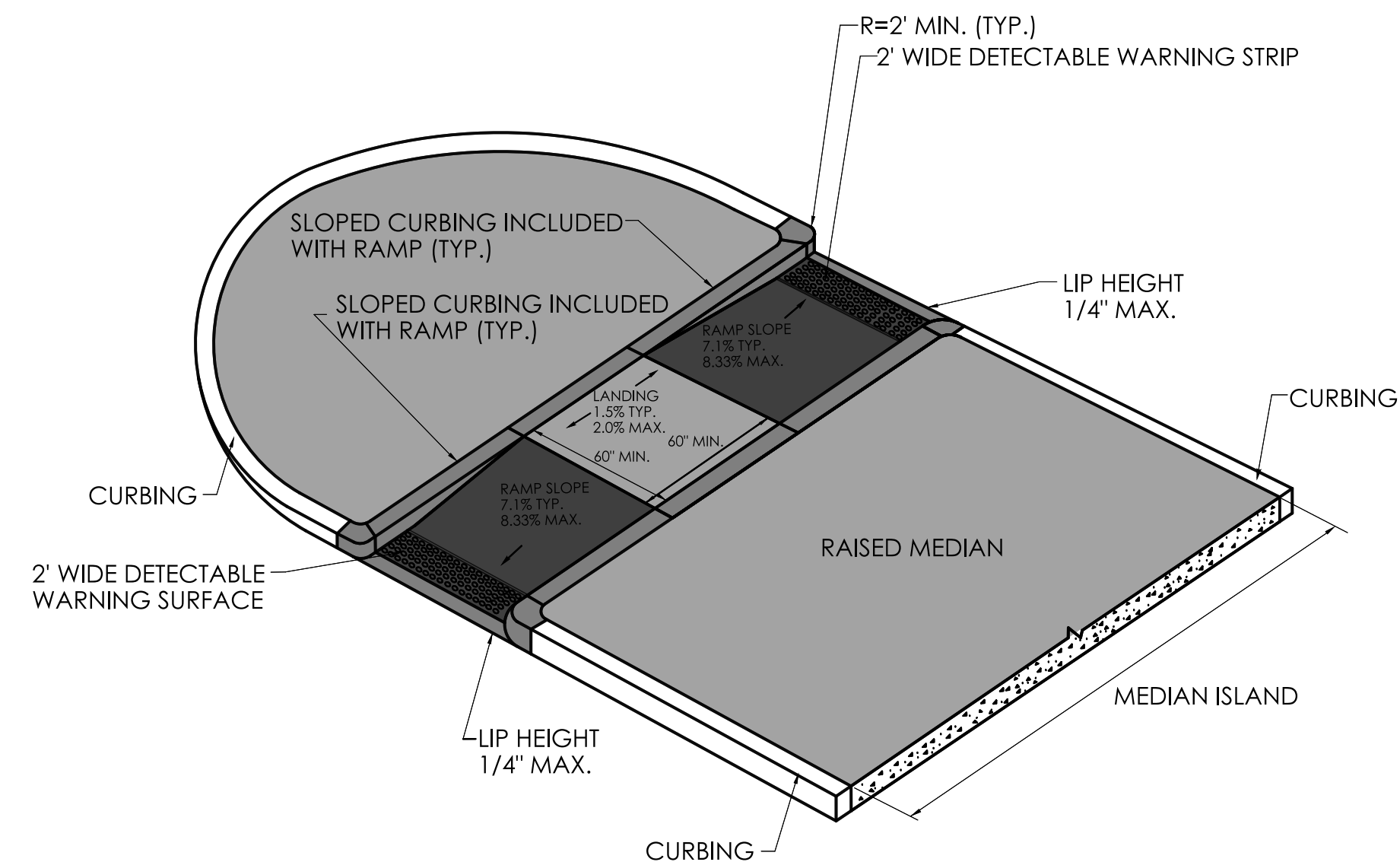
DESIGNER/DRAFTER: _____	CHECKED BY: _____	SIGNATURE/ BLOCK: _____ OFFICE OF ENGINEERING 2800 BERLIN TURNPIKE NEWINGTON, CT 06111	APPROVED BY: _____  STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION 	PROJECT NUMBER: 0000-0000	DRAWING NO. _____
				PROJECT DESCRIPTION: SAMPLE PROJECT DESCRIPTION	
				TOWN(S): SAMPLE TOWN(S)	SHEET NO. _____
				DRAWING TITLE: CONCRETE SIDEWALK RAMPS SHEET 8 OF 11	



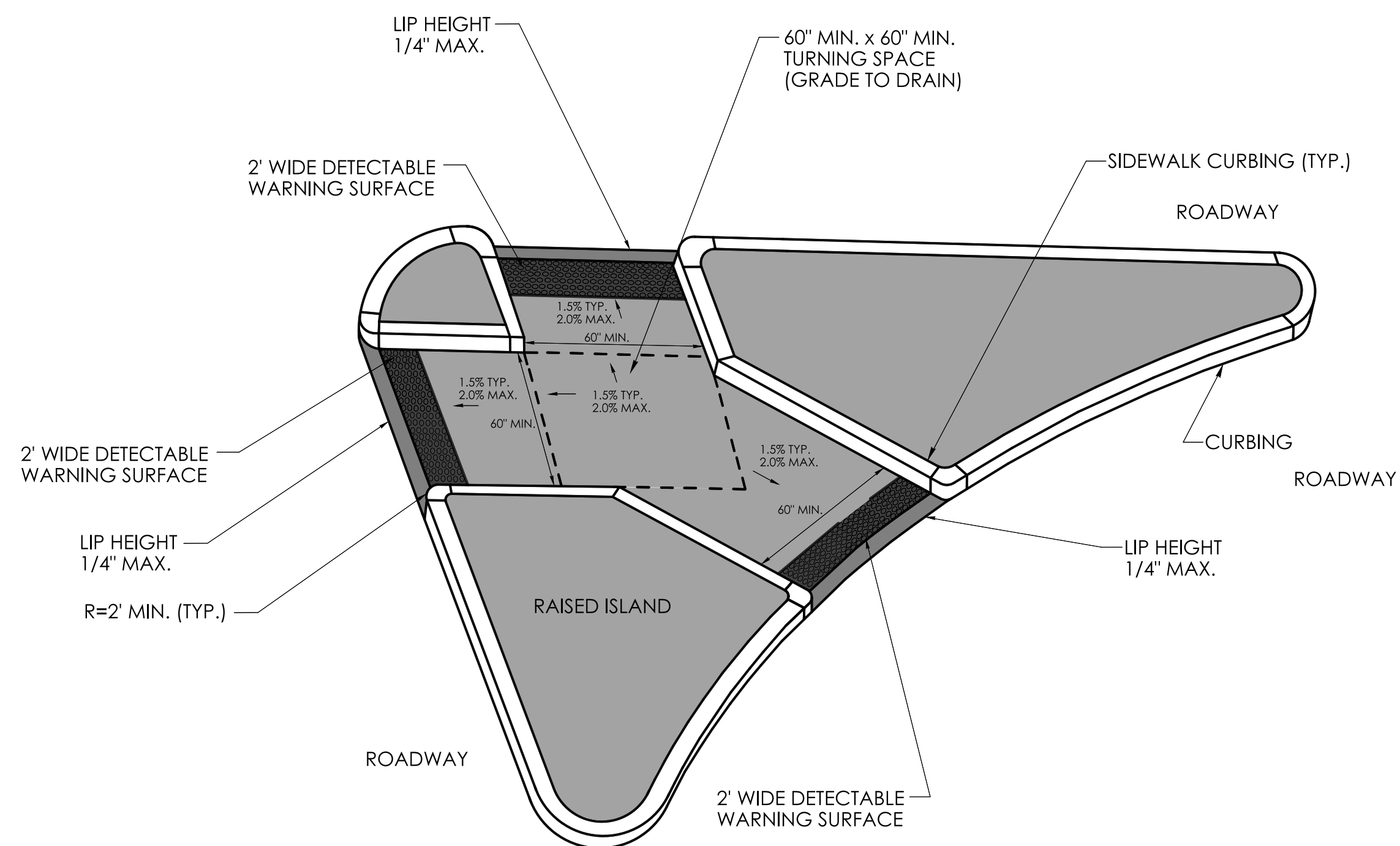
**CUT-THROUGH PEDESTRIAN REFUGE ISLAND
MEDIAN WIDTH 6' OR MORE
(TYPE 22)**



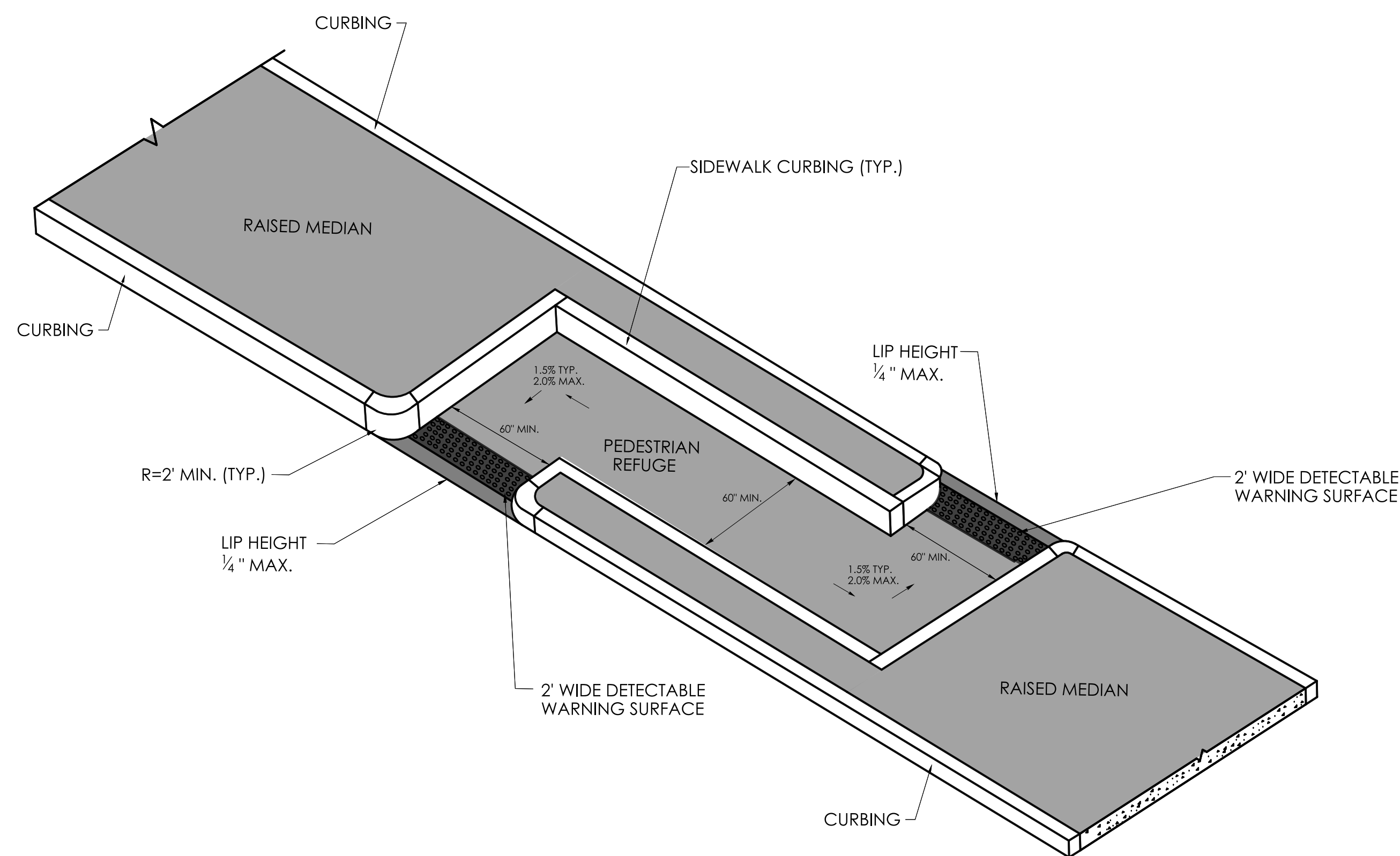
**CUT-THROUGH PEDESTRIAN REFUGE ISLAND
MEDIAN WIDTH LESS THAN 6'
(TYPE 23)**



**PEDESTRIAN REFUGE ISLAND WITH LANDING AND RAMPS
(TYPE 24)**



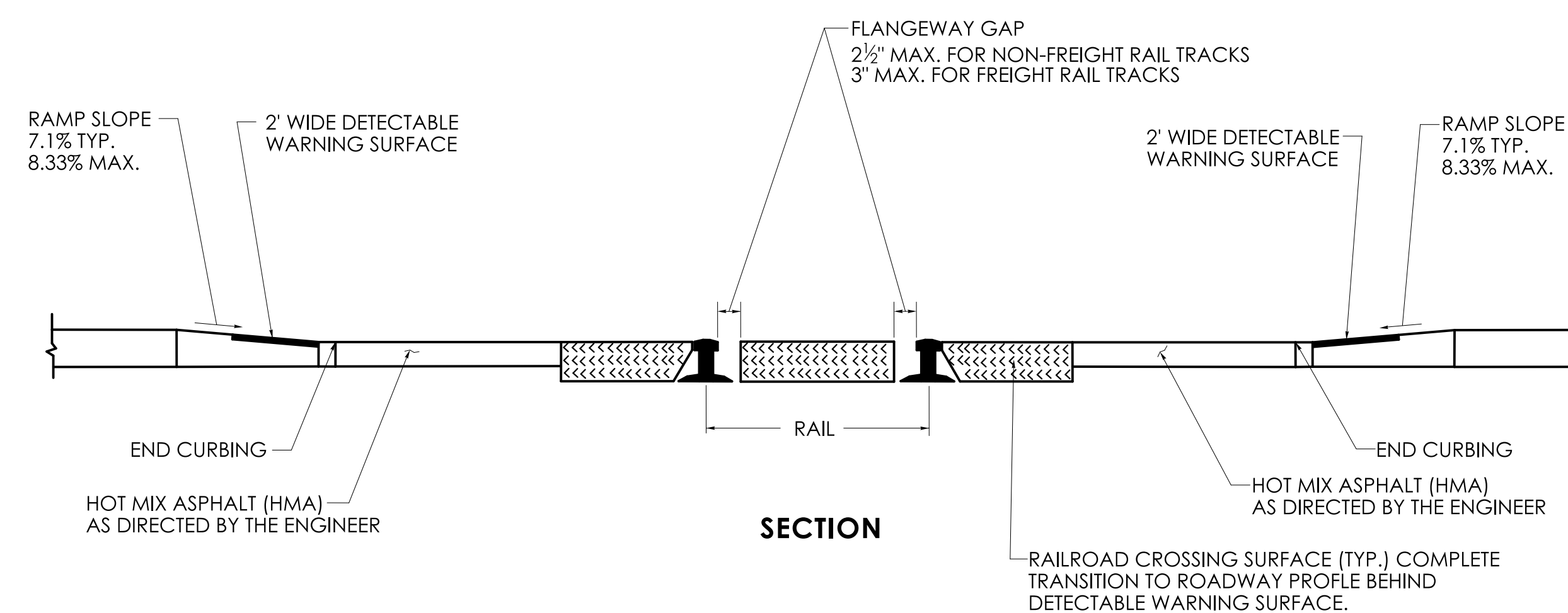
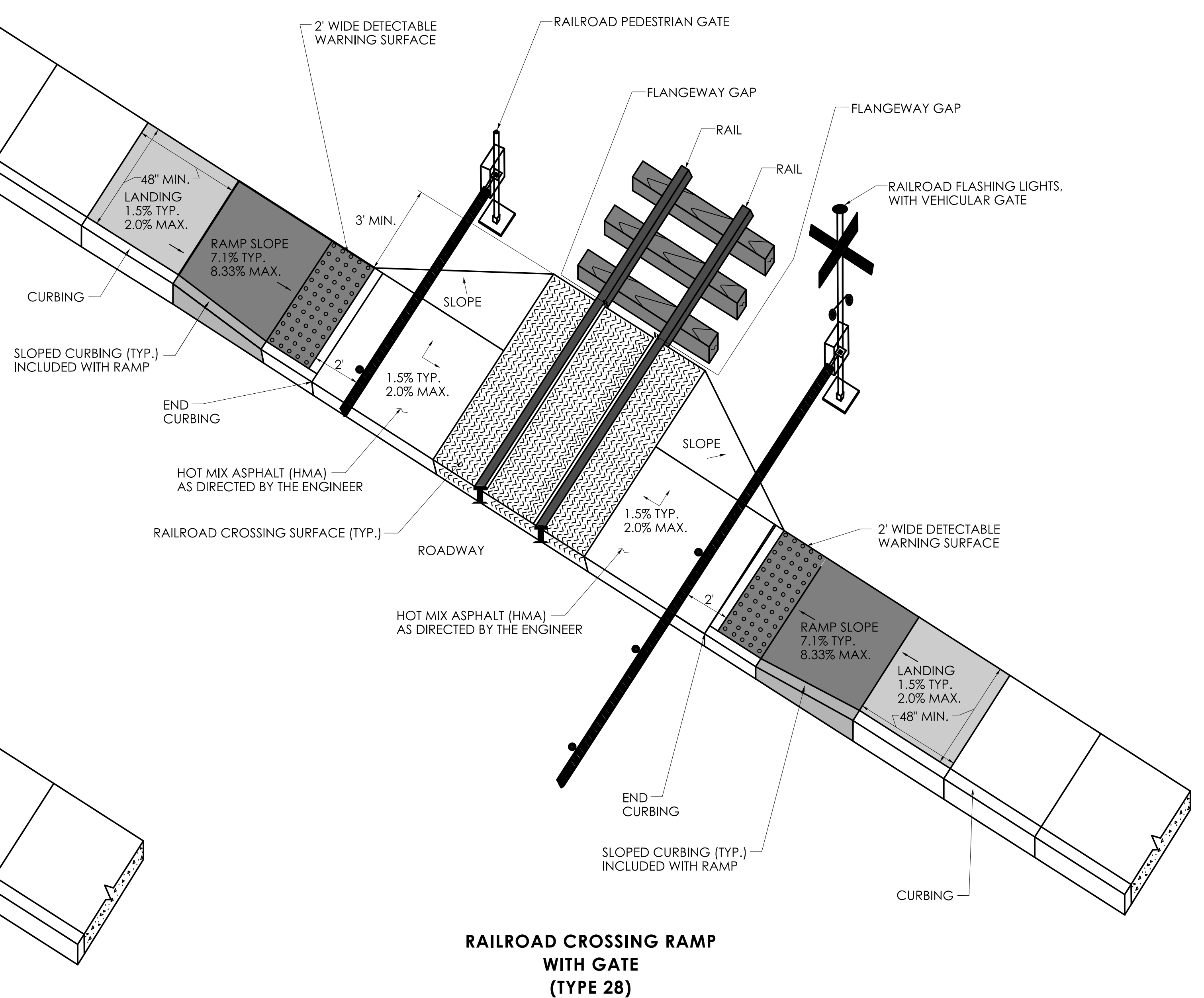
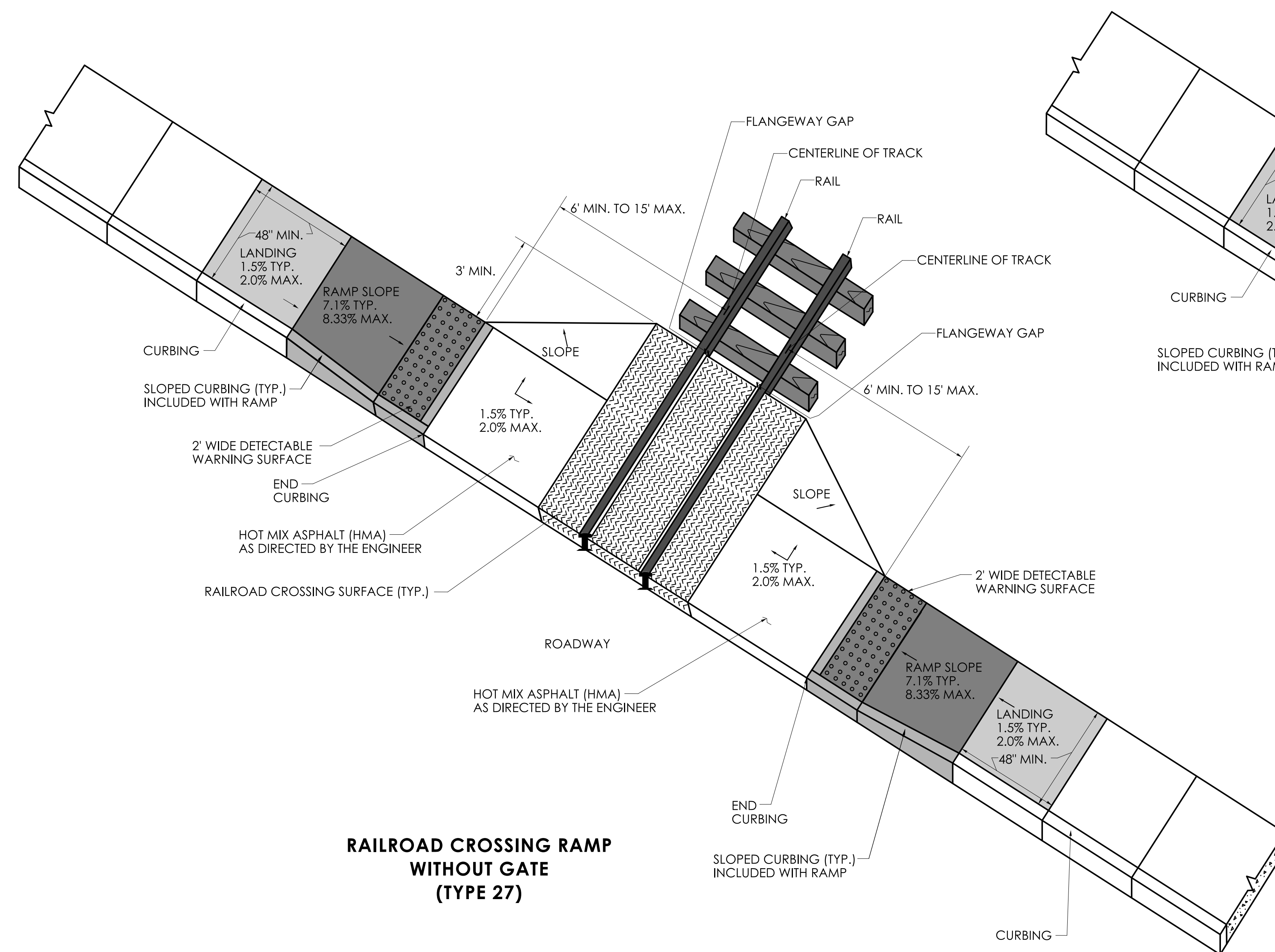
**CUT-THROUGH PEDESTRIAN REFUGE ISLAND
(TYPE 25)**



**CUT-THROUGH PEDESTRIAN REFUGE ISLAND
OFFSET CONFIGURATION
(TYPE 26)**

REV.	DATE	REVISION DESCRIPTION

DESIGNER/DRAFTER:	CHECKED BY:	SIGNATURE/ BLOCK:	APPROVED BY:	PROJECT NUMBER: 0000-0000	DRAWING NO.
LASTED SAVED BY: RichardEH	FILE NAME: W:\CT_CONNECT_DDE\CT_Configuration\Organization\Cell\CTDOT_Borders_Contract.cel	OFFICE OF ENGINEERING 2800 BERLIN TURNPIKE NEWINGTON, CT 06111	STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION	PROJECT DESCRIPTION: SAMPLE PROJECT DESCRIPTION	SHEET NO.
PLOTTED DATE: 11/23/2022				TOWN(S): SAMPLE TOWN(S)	
				DRAWING TITLE: CONCRETE SIDEWALK RAMPS SHEET 9 OF 11	

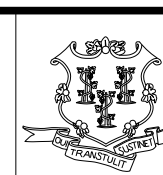


REV	DATE	REVISION DESCRIPTION

DESIGNER/DRAFTER:	CHECKED BY:	
LASTED SAVED BY: RichardEH FILE NAME: W:\CT_CONNECT_DDE\CT_Configuration\Organization\Cell\CTDOT_Borders_Contract.cel PLOTTED DATE: 11/23/2022		

SIGNATURE/
BLOCK:

APPROVED BY:



STATE OF CONNECTICUT
DEPARTMENT
OF
TRANSPORTATION



PROJECT NUMBER: 0000-0000

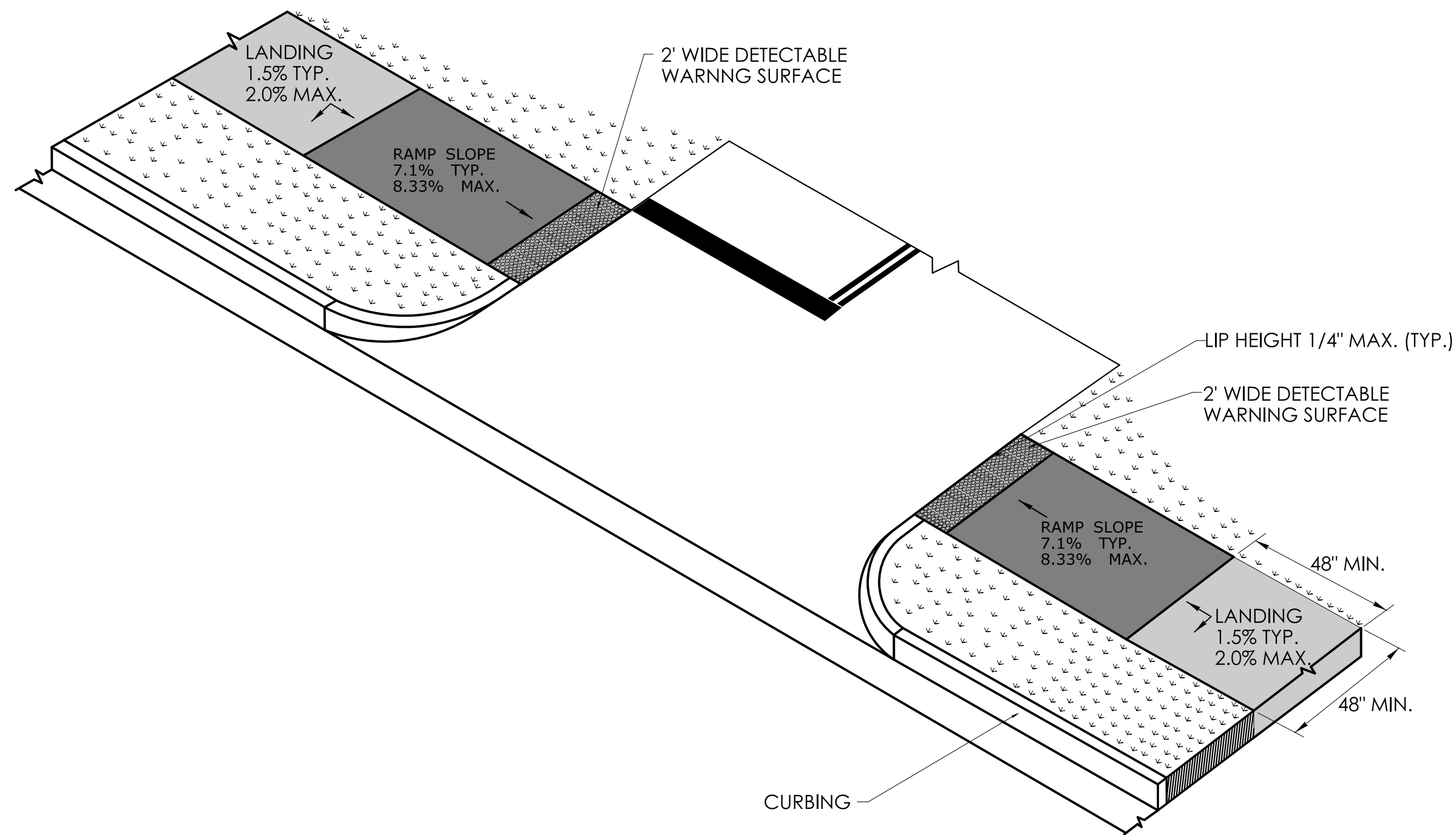
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TOWN(S): SAMPLE TOWN(S)

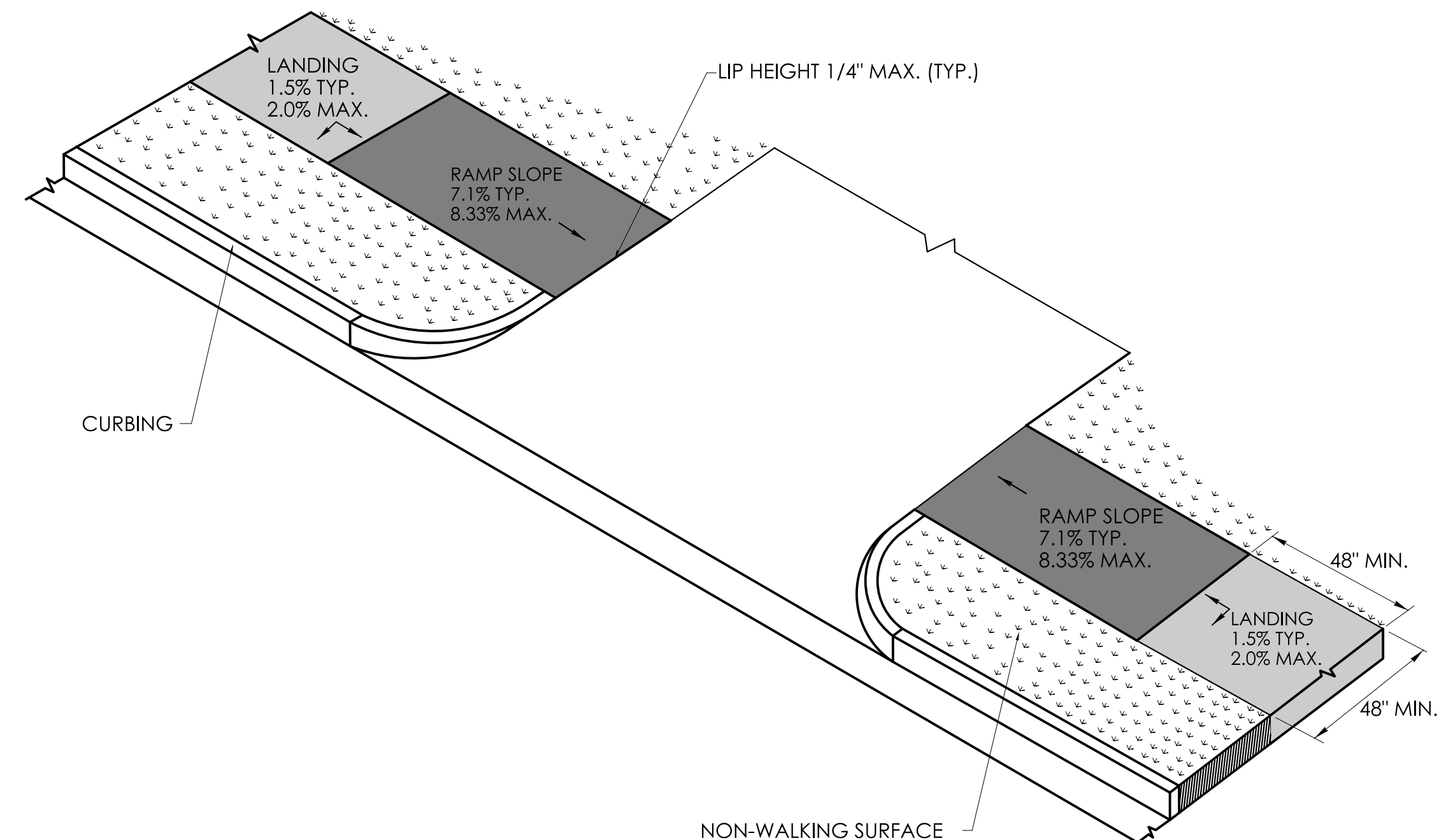
DRAWING TITLE: CONCRETE SIDEWALK RAMPS SHEET 10 OF 11

DRAWING NO.

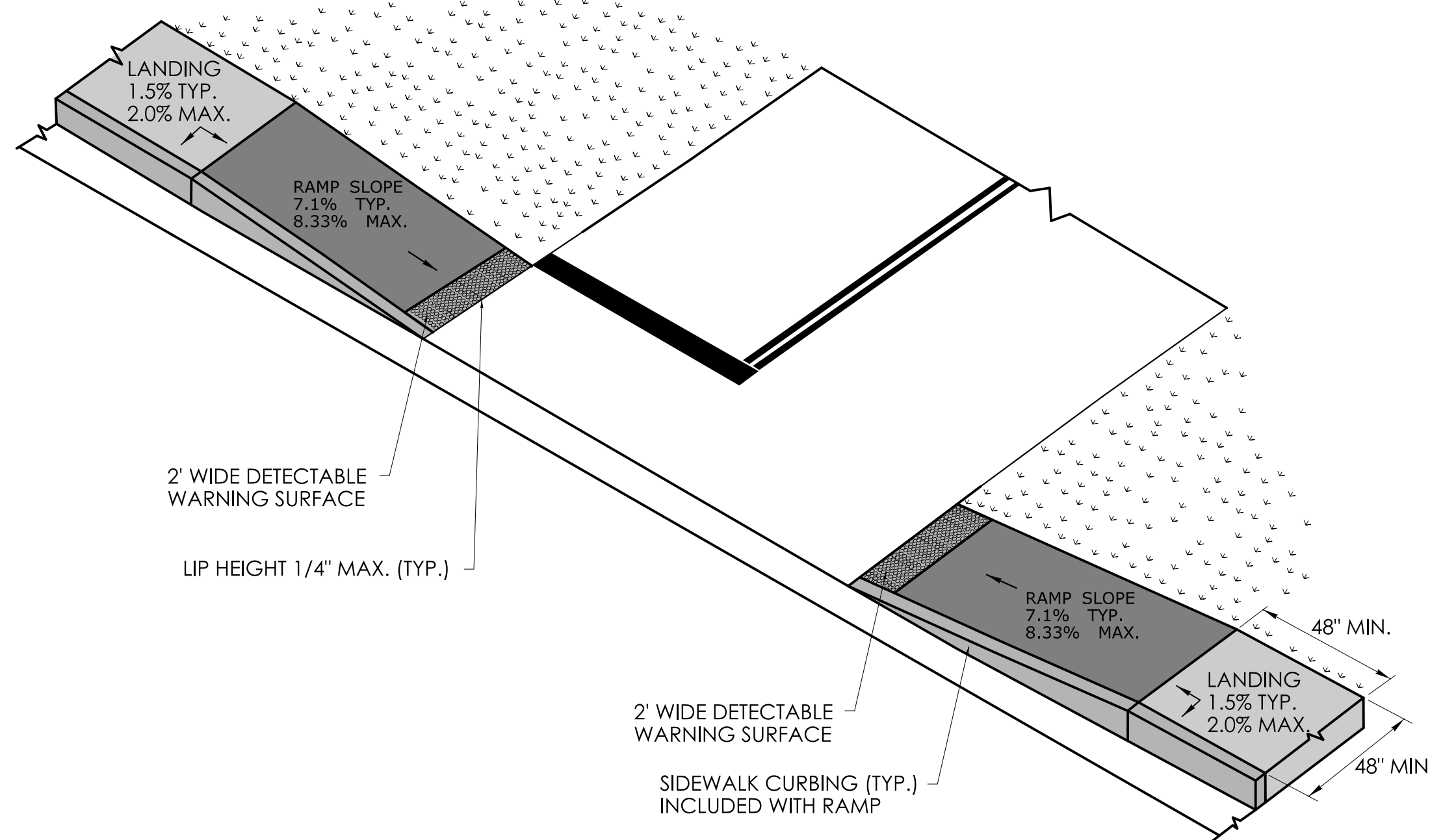
SHEET NO. _____



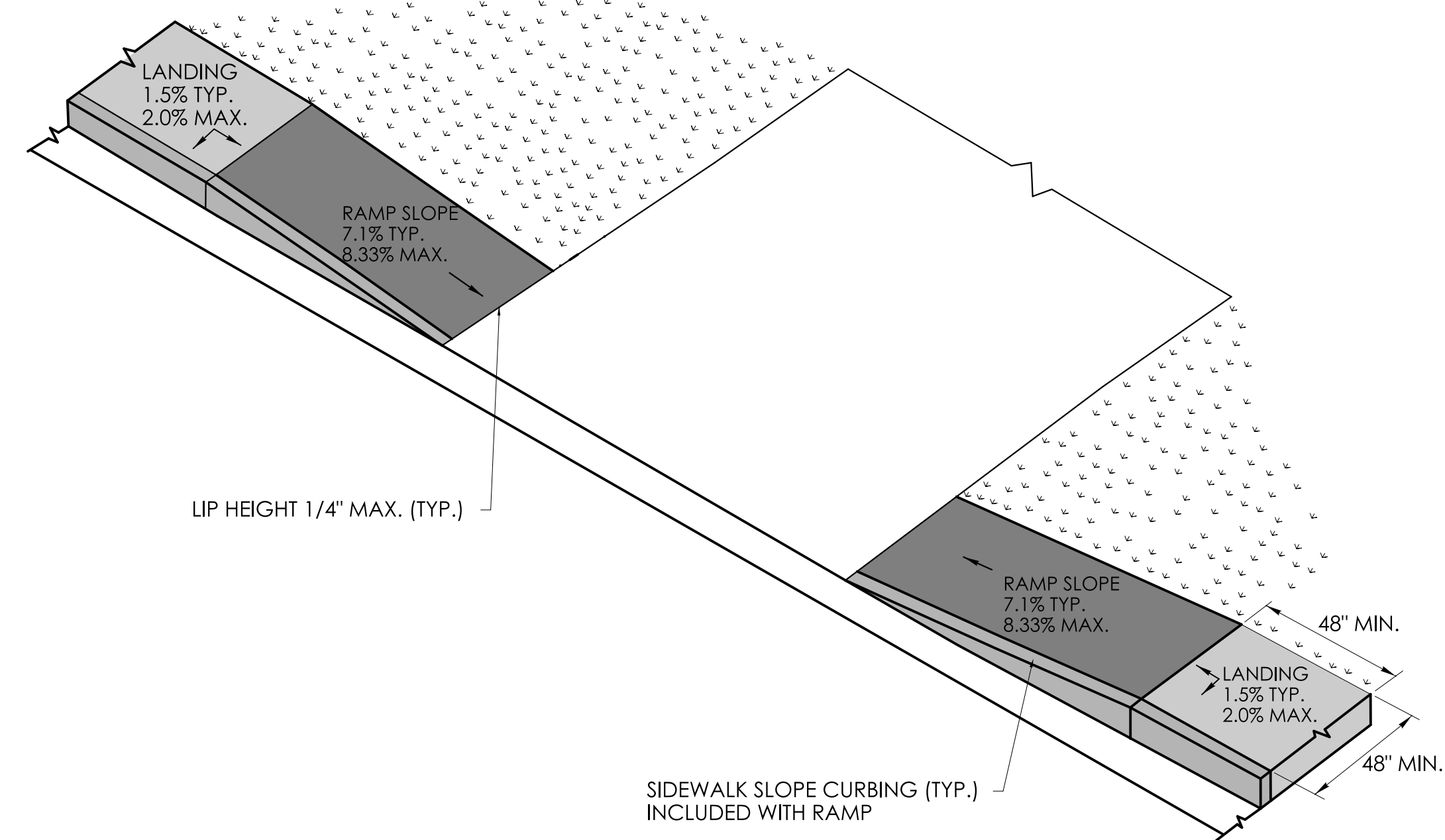
**SINGLE DIRECTION
FOR SIGNALIZED OR STOP CONTROLLED MAJOR COMMERCIAL DRIVEWAY
WITH DETECTABLE WARNING SURFACE
(TYPE 29)**



**SINGLE DIRECTION
FOR RESIDENTIAL OR MINOR COMMERCIAL DRIVEWAY
WITHOUT A DETECTABLE WARNING SURFACE
(TYPE 30)**



**SINGLE DIRECTION
FOR SIGNALIZED OR STOP CONTROLLED MAJOR COMMERCIAL DRIVEWAY
WITH DETECTABLE WARNING SURFACE
(TYPE 31)**



**SINGLE DIRECTION
FOR RESIDENTIAL OR MINOR COMMERCIAL DRIVEWAY
WITHOUT DETECTABLE WARNING SURFACE
(TYPE 32)**

REV.	DATE	REVISION DESCRIPTION