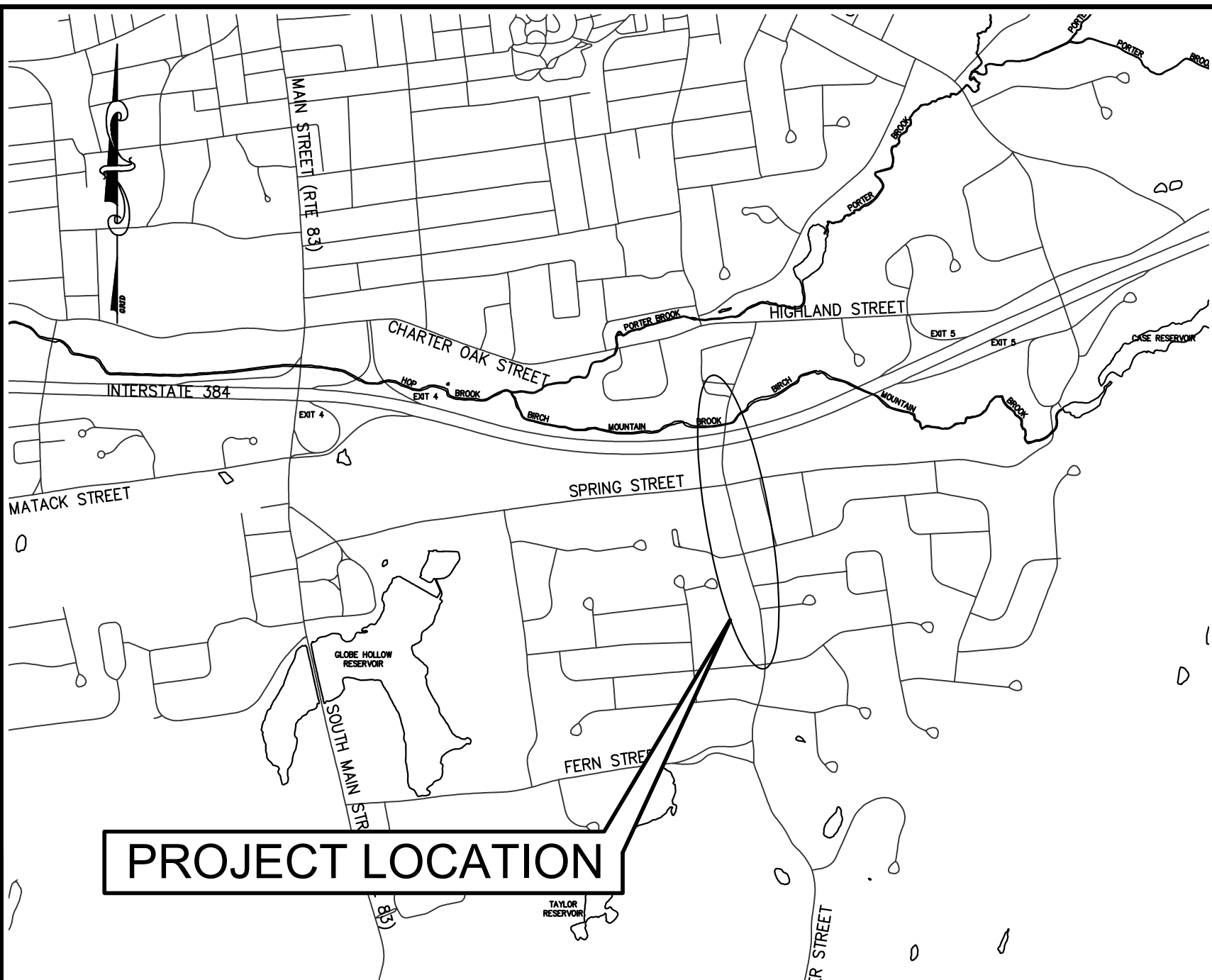


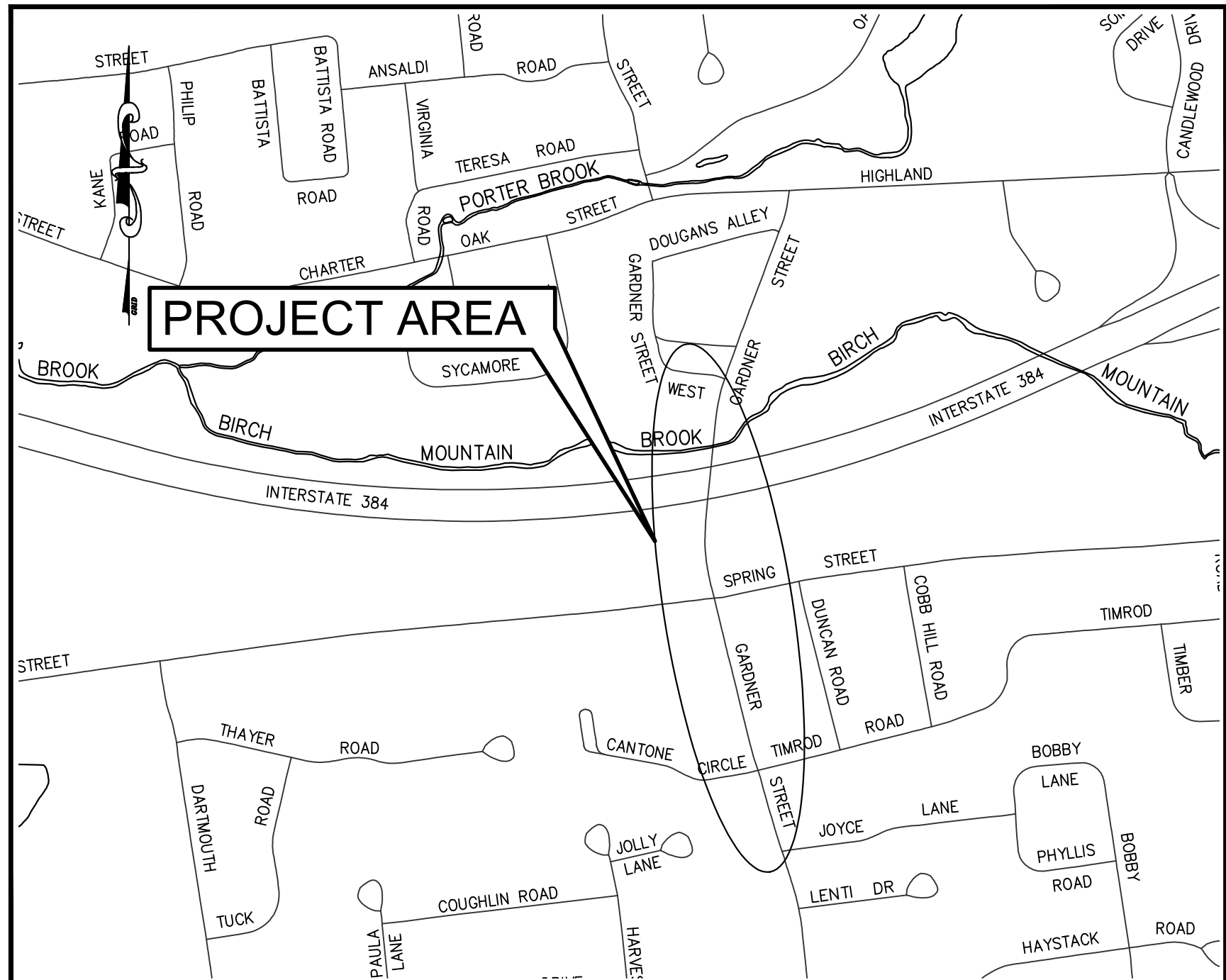
TOWN OF MANCHESTER

PUBLIC WORKS DEPARTMENT

ENGINEERING DIVISION



LOCATION MAP
1" = 1500'



SITE MAP
1" = 600'

SIDEWALK INSTALLATIONS

GARDNER ST. AND GARDNER ST. WEST

APRIL 2026

DESIGN STANDARD : TOWN OF MANCHESTER PUBLIC IMPROVEMENT STANDARDS, EFFECTIVE DATE OCTOBER 31, 2020, AS AMENDED

DATUMS : HORIZONTAL DATUM: TOWN OF MANCHESTER CONTROL NETWORK (NAD83 AS ESTABLISHED IN 1998)
VERTICAL DATUM: TOWN OF MANCHESTER CONTROL NETWORK (NAVD88 USING GEOID 96)

STANDARD SPECIFICATIONS : SEE CONTRACT DOCUMENTS

DESIGN SCALES : PLAN: 1" = 20'
OTHER SCALES AS NOTED

LIST OF DRAWINGS	
SHEET NO.	DESCRIPTION
1	COVER SHEET
2	TYPICAL SECTION AND NOTES
3-4	LAYOUT PLANS
5-6	DETAILS
	CONCRETE SIDEWALK RAMPS SHEET 1 OF 11
	CONCRETE SIDEWALK RAMPS SHEET 4 OF 11
	CONCRETE SIDEWALK RAMPS SHEET 7 OF 11

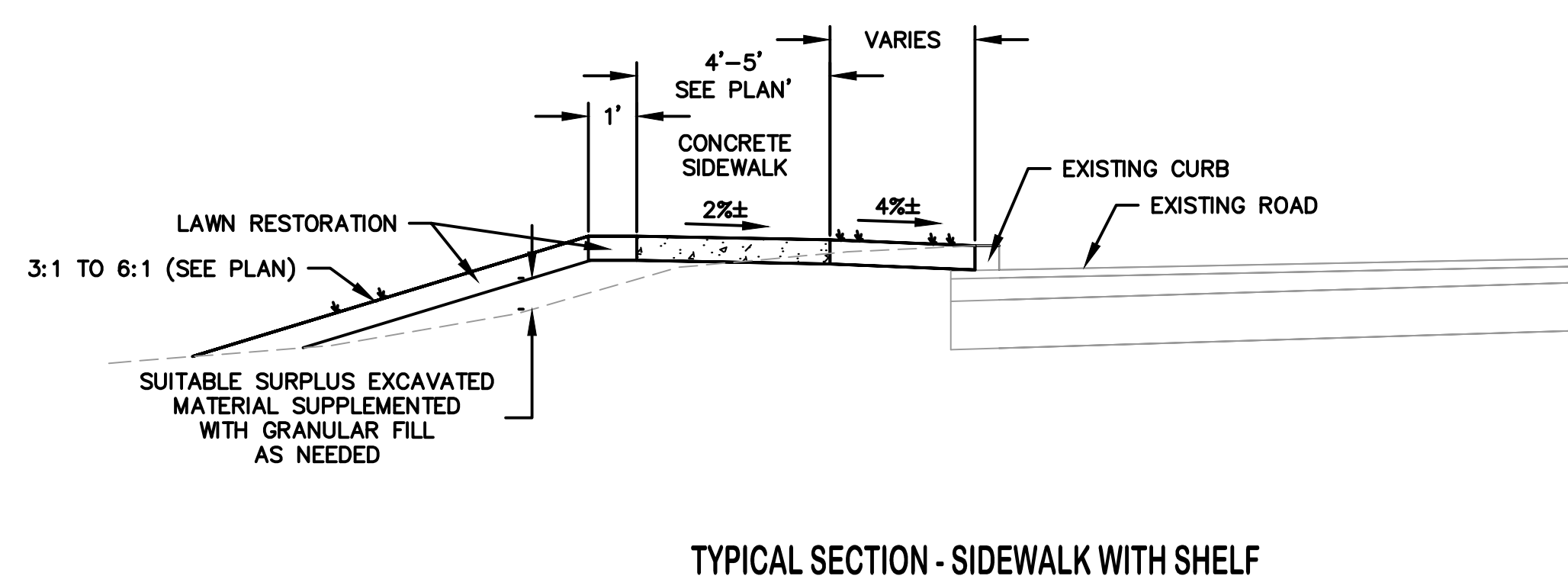
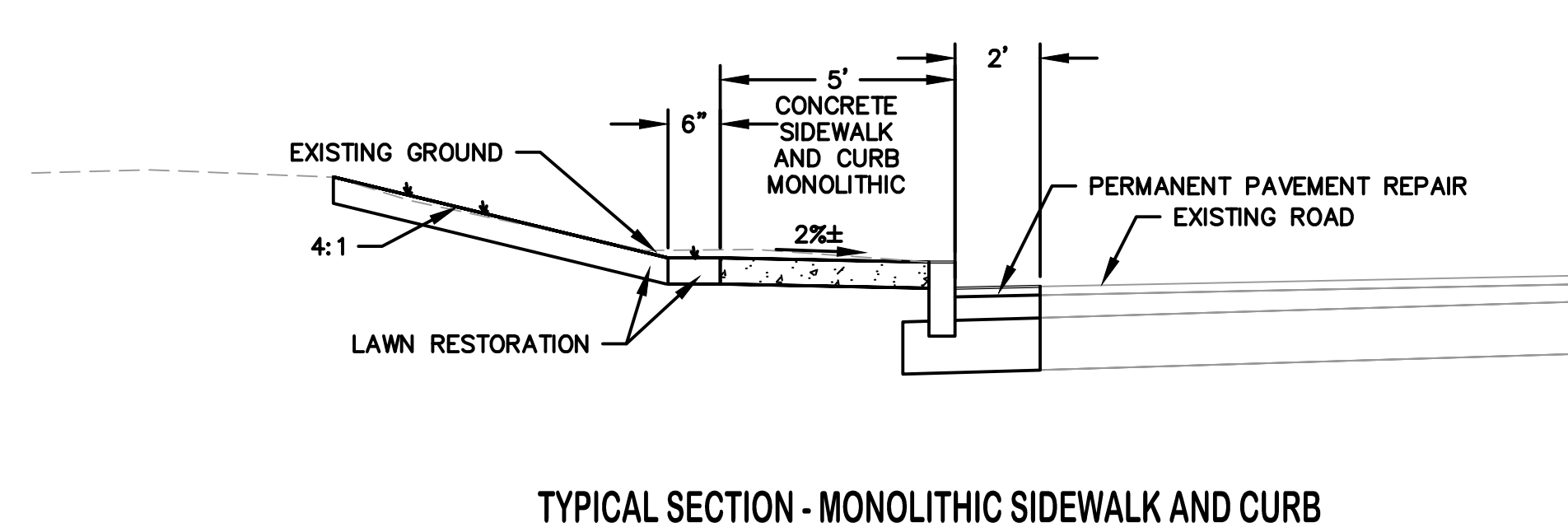
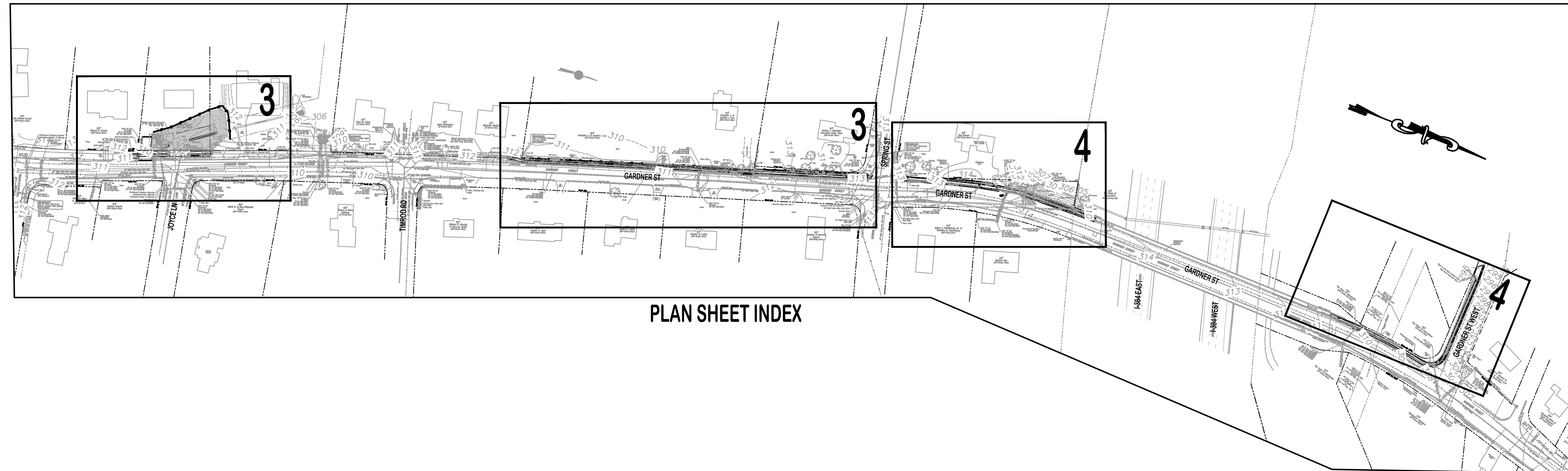
DESIGNED BY:
TOWN OF MANCHESTER
ENGINEERING DIVISION

JEFF LAMALVA
TOWN ENGINEER
P.E. NO. 20967

GENERAL NOTES:

1. ALL MATERIALS AND METHODS OF CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE "MANCHESTER PUBLIC IMPROVEMENT STANDARDS" EFFECTIVE OCTOBER 31, 2020, AS AMENDED AND THE STATE OF CONN. DEPT. OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROADS, BRIDGES, FACILITIES AND INCIDENTAL CONSTRUCTION, FORM 818, DATED 2020, INCLUDING ANY SUPPLEMENTS.
2. ALL ELEVATIONS ARE BASED ON THE TOWN OF MANCHESTER CONTROL NETWORK.
3. IMPLEMENTING WORKER SAFETY AND HEALTH PROTOCOLS THAT ADDRESS COMPLIANCE WITH ALL RULES, LAWS AND REGULATIONS REGARDING SAFETY AND RISK OF EXPOSURE TO PHYSICAL AND CHEMICAL HAZARDS IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR. ALL EMPLOYEES OF THE CONTRACTOR AND SUBCONTRACTORS ARE TO WEAR REFLECTIVE VESTS AND HARD HATS AT ALL TIMES WHEN ON THE PROJECT SITE.
4. A PRECONSTRUCTION MEETING WITH TOWN STAFF IS REQUIRED PRIOR TO THE START OF ANY CONSTRUCTION ACTIVITY.
5. THE CONTRACTOR SHALL PHASE CONSTRUCTION OPERATIONS TO MINIMIZE THE SIZE OF DISTURBED AREAS AND PERIOD OF TIME THESE AREAS ARE LEFT UNSTABILIZED AND SUBJECT TO EROSION. THIS INCLUDES, BUT IS NOT LIMITED TO, INSTALLATION OF DRAINAGE SYSTEMS DURING THE EARLY STAGES OF CONSTRUCTION AND LIMITING LENGTHS OF RECLAMATION AND FULL-DEPTH ROAD RECONSTRUCTION AREAS TO ALSO LESSEN IMPACTS TO VEHICLE AND PEDESTRIAN TRAVEL THROUGH THE PROJECT AREA.
6. THE CONTRACTOR SHALL TAKE CARE NOT TO DISTURB EXISTING MONUMENTATION THAT MAY BE PRESENT NEAR THE PROJECT AREA.
7. THE CONTRACTOR IS RESPONSIBLE TO OBTAIN ALL REQUIRED PERMITS AND PAY ASSOCIATED FEES PRIOR TO ANY CONSTRUCTION ACTIVITY.
8. THE CONTRACTOR SHALL CONFINE ALL OPERATIONS AND ACTIVITIES FOR CONSTRUCTION PURPOSES WITHIN THE STREET LINE AND LIMITS OF UTILITY EASEMENTS UNLESS SHOWN OTHERWISE ON THE PLANS.
9. THE CONTRACTOR SHALL RESTORE TWO LANES OF TRAFFIC ON XXX STREET AT THE END OF EACH WORK DAY. IT IS ANTICIPATED THAT THE ROAD WILL REMAIN OPEN AT ALL TIMES WITH ALTERNATING ONE LANE TRAFFIC DURING CONSTRUCTION.
10. THE CONTRACTOR SHALL COMMIT SUFFICIENT RESOURCES TO THE PROJECT TO ENSURE THE PROJECT IS COMPLETED WITHIN THE ALLOTTED CONTRACT TIME. ONCE MOBILIZED, THE CONTRACTOR SHALL WORK CONTINUOUSLY ON THE PROJECT UNTIL COMPLETION. ANY UNAUTHORIZED VACATING OF THE JOBSITE IS SUBJECT TO PENALTIES DESCRIBED UNDER THE "LIQUIDATED DAMAGES" SECTION OF THE CONTRACT SPECIFICATIONS.
11. THE CONTRACTOR SHALL NOT STORE CONSTRUCTION EQUIPMENT OR MATERIALS WITHIN THE PUBLIC RIGHT-OF-WAY.
12. CONSTRUCTION ENTRANCES ARE NOT SHOWN ON THE PLAN; HOWEVER, THEY SHALL BE INSTALLED WHERE DIRECTED BY THE ENGINEER DURING CONSTRUCTION FOR EGRESS FROM TEMPORARY STOCKPILE AREAS. THE PROPOSED LOCATION OF STOCKPILE AREAS SHALL BE IDENTIFIED BY THE CONTRACTOR.
13. NO WORK SHALL COMMENCE UNTIL ALL CONSTRUCTION AREA SIGNS ARE IN PLACE.
14. THE CONTRACTOR SHALL PROVIDE TEMPORARY ACCESS TO ALL DRIVEWAYS AT ALL TIMES.
15. ALL GRASSED AREAS DISTURBED BY THE CONTRACTOR SHALL BE REPLACED WITH TOPSOIL, FERTILIZED AND SEEDDED AS PER THE SPECIFICATIONS. CONTRACTOR SHALL MAKE ALL EFFORTS TO MINIMIZE THE LIMITS OF DISTURBANCE AND ASSOCIATED RESTORATION THAT IS REQUIRED.
16. ANY DRIVEWAYS, SIDEWALKS, CURB AND LAWN AREAS LOCATED ON PRIVATE PROPERTY OR WITHIN THE RIGHT-OF-WAY THAT ARE IMPACTED DURING CONSTRUCTION SHALL BE RESTORED TO PRE-CONSTRUCTION CONDITIONS AS IDENTIFIED ON THE PLANS OR AS DIRECTED BY THE ENGINEER. THE REQUIRED LIMITS OF SUCH RESTORATION SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD. RESTORATION ON PRIVATE PROPERTY SHALL BE COMPLETED AS PROMPTLY AS PRACTICAL WITHIN THIRTY (30) CALENDAR DAYS OF COMPLETING WORK ON THE PROPERTY.
17. PROTECTION, REMOVAL AND REPLACEMENT OF EXISTING FEATURES SUCH AS, BUT NOT LIMITED TO, WALLS, FENCES, TREES, SHRUBS AND PLANTS FOR INSTALLATION OF SEWER LATERALS, WATER SERVICES, SEGMENTAL BLOCK WALLS AND GENERAL SITE WORK WILL NOT BE MEASURED SEPARATELY FOR PAYMENT BUT SHALL BE INCLUDED IN THE GENERAL COST OF THE CONTRACT. CONTRACTOR SHALL TAKE CARE TO PROTECT EXISTING FEATURES THAT ARE TO BE REINSTALLED. ALL OTHER FEATURES IDENTIFIED TO BE REPLACED ON THE PLANS SHALL BE PAID FOR UNDER THE ASSOCIATED CONTRACT BID ITEM. THIS WORK REQUIRED ON PRIVATE PROPERTIES SHALL BE COMPLETED AS PROMPTLY AS PRACTICAL WITHIN THIRTY (30) CALENDAR DAYS OF COMPLETING WORK ON THE PROPERTY.
18. ACTUAL LIMITS OF CURB INSTALLATION AND DRIVEWAY RECONSTRUCTION SHALL BE DETERMINED IN THE FIELD BY THE ENGINEER. THE CONTRACTOR SHALL AVOID IMPACTS TO EXISTING DRIVEWAYS WHEREVER POSSIBLE TO MINIMIZE REQUIRED RECONSTRUCTION LIMITS.
19. ALL SEDIMENT CONTROL SYSTEMS SHALL MEET THE "GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL" AS PREPARED BY THE CONNECTICUT COUNCIL ON SOIL AND WATER CONSERVATION, LATEST REVISION. THE CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION, MAINTENANCE AND REPAIR OF EROSION CONTROLS REQUIRED FOR THE PROJECT. ADDITIONAL EROSION CONTROLS SHALL BE INSTALLED BY THE CONTRACTOR FOR TEMPORARY STOCKPILING OF EXCAVATED MATERIAL AND WHERE DEEMED NECESSARY BY THE ENGINEER. EROSION CONTROLS SHALL REMAIN IN PLACE AND BE MAINTAINED BY THE CONTRACTOR UNTIL THE SITE IS STABILIZED AND THE ENGINEER APPROVES THEIR REMOVAL.
20. SILT SACKS SHALL BE INSTALLED IN ALL EXISTING AND PROPOSED CATCH BASINS WITHIN THE PROJECT AREA AND WHERE DIRECTED BY THE ENGINEER. SILT SACKS SHALL BE THE APPROPRIATE TYPE FOR CATCH BASINS WITH AND WITHOUT CURB INLETS.
21. HORIZONTAL AND VERTICAL LOCATIONS OF PROPOSED WORK MAY BE ADJUSTED TO FIT EXISTING FIELD CONDITIONS WITH THE APPROVAL OF THE ENGINEER.
22. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER IF CONDITIONS ENCOUNTERED IN THE FIELD ARE DIFFERENT THAN INFORMATION SHOWN ON THE PLANS.
23. THE EXISTENCE OF UTILITIES AND APPURTENANCES AS SHOWN ON THESE

- DRAWINGS ARE FOR REFERENCE ONLY. THE EXACT SIZE, LOCATION, TYPE, AND ELEVATION OF ALL UTILITIES WITHIN ALL WORK AREAS SHALL BE THOROUGHLY INVESTIGATED BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING "CALL-BEFORE-YOU-DIG" AT 1-800-922-4455 AND MUST HAVE ALL UTILITIES MARKED ON THE GROUND PRIOR TO THE START OF CONSTRUCTION.
24. THE QUANTITIES AS INDICATED IN THE CONTRACT DOCUMENTS ARE APPROXIMATE AND MAY NOT INDICATE THE ACTUAL QUANTITIES OF WORK REQUIRED. THE CONTRACTOR MUST VERIFY ALL QUANTITIES.
 25. SURPLUS EXCAVATED MATERIAL SHALL BECOME THE PROPERTY OF THE CONTRACTOR. THE CONTRACTOR SHALL DISPOSE OF SURPLUS EXCAVATED MATERIAL IN ACCORDANCE WITH STATE AND FEDERAL REGULATIONS.
 26. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TEMPORARY HANDLING OF ALL STORMWATER RUNOFF DURING CONSTRUCTION. METHODS OF HANDLING RUNOFF SHALL BE APPROVED BY THE ENGINEER.



TOWN OF MANCHESTER
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION
494 MAIN STREET - P.O. BOX 191
MANCHESTER, CT 06045-0191

LEGEND

- WETLANDS BOUNDARY	☆ LIGHT POLE
- RETAINING WALL	⊗ CONIFEROUS TREE
- CURB WALL	⊗ DECEIDUOUS TREE
⊘ STONE WALL	⊗ SANITARY MANHOLE
⊘ STOCKPILE FENCE	⊗ DRAINAGE MANHOLE
⊘ WIRE FENCE	⊗ CATCH BASIN
⊘ CHAIN LINK FENCE	⊗ CULVERT END
- PROPERTY LINE	⊗ HYDRANT
- RAILROAD TRACKS	⊗ CURB STOP
- EROSION CONTROL	⊗ WATER VALVE
⊗ CONCRETE MONUMENT	⊗ BUTTERFLY VALVE
⊗ GRANITE MONUMENT	⊗ BLOW OFF
⊗ IRON PIPE	⊗ SIGN
⊗ IRON ROD	⊗ DOUBLE POST SIGN
⊗ CONTROL POINT	⊗ MAIL BOX
⊗ DRILL HOLE	⊗ BOLLARD
⊗ UTILITY POLE	⊗ CONTROLLER CABINET
⊗ UTILITY POLE WITH LIGHT	⊗ GAS GATE
⊗ ELECTRIC BOX	⊗ TELEPHONE BOX
⊗ WETLAND FLAG	⊗ CATV TUBE

PROJECT NUMBER
2022102

FILENAME
2022102-PLAN.DWG

NO.	DATE	FILE
	03-23-26	FOR BIDDING

DRAWN BY: JL
CHECKED BY: JED
RELEASED BY: TB

DATUM
HORIZONTAL: NAD83 VERTICAL: NAVD88

PROJECT LOCATION
**GARDNER STREET
GARDNER STREET WEST
MANCHESTER, CT**

PROJECT TITLE
**SIDEWALK INSTALLATIONS
GARDNER STREET AND
GARDNER STREET WEST**

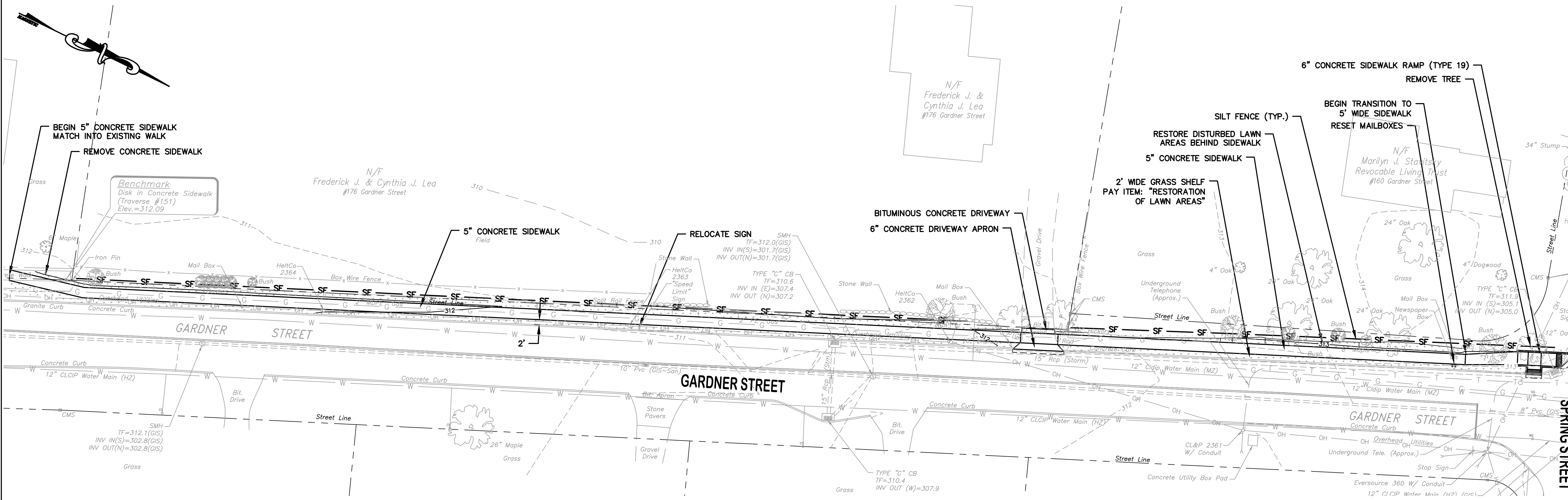
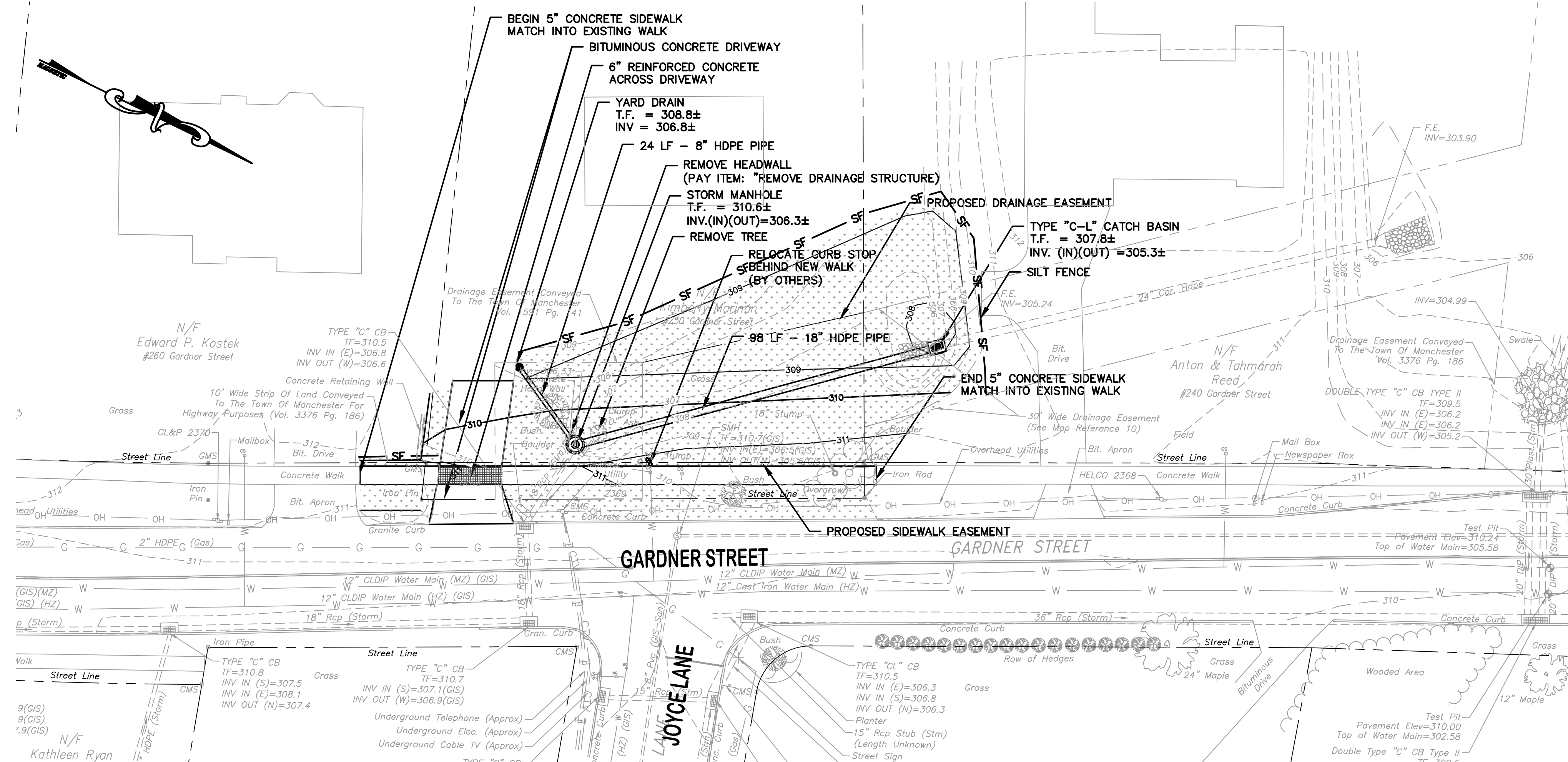
SHEET TITLE
**TYPICAL SECTION
AND NOTES**

SHEET NUMBER
2 of 6



TOWN OF MANCHESTER
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

494 MAIN STREET - P.O. BOX 191
MANCHESTER, CT 06045-0191



LEGEND

— WETLANDS BOUNDARY	☆ LIGHT POLE
— RETAINING WALL	⊗ CONIFEROUS TREE
— CURB WALL	⊗ DECEIDUOUS TREE
— STONE WALL	⊗ SANITARY MANHOLE
— STOCKADE FENCE	⊗ DRAINAGE MANHOLE
— WIRE FENCE	⊗ CATCH BASIN
— CHAIN LINK FENCE	⊗ CULVERT END
— PROPERTY LINE	⊗ HYDRANT
— RAILROAD TRACKS	⊗ CURB STOP
— EROSION CONTROL	⊗ WATER VALVE
— CONCRETE MONUMENT	⊗ BUTTERFLY VALVE
— GRANITE MONUMENT	⊗ BLOW OFF
— IRON PIPE	⊗ SIGN
— IRON ROD	⊗ DOUBLE POST SIGN
— CONTROL POINT	⊗ MAIL BOX
— DRILL HOLE	⊗ BOLLARD
⊗ UTILITY POLE	⊗ CONTROLLER CABINET
⊗ UTILITY POLE WITH LIGHT	⊗ GAS GATE
⊗ TRAFFIC SPAN POLE	⊗ TELEPHONE BOX
⊗ ELECTRIC BOX	⊗ TELEPHONE FLAG
⊗ WETLAND FLAG	⊗ GUY TUBE

PROJECT NUMBER
2022102

FILENAME
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DRAWN BY: JL
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DRAWING SCALE
 HORIZONTAL: 1" = 20'
 VERTICAL: NONE OR AS NOTED
 GRAPHIC SCALE
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DATUM
 HORIZONTAL: NAD83 VERTICAL: NAVD88

PROJECT LOCATION
**GARDNER STREET
 GARDNER STREET WEST
 MANCHESTER, CT**

PROJECT TITLE
**SIDEWALK INSTALLATIONS
 GARDNER STREET AND
 GARDNER STREET WEST**

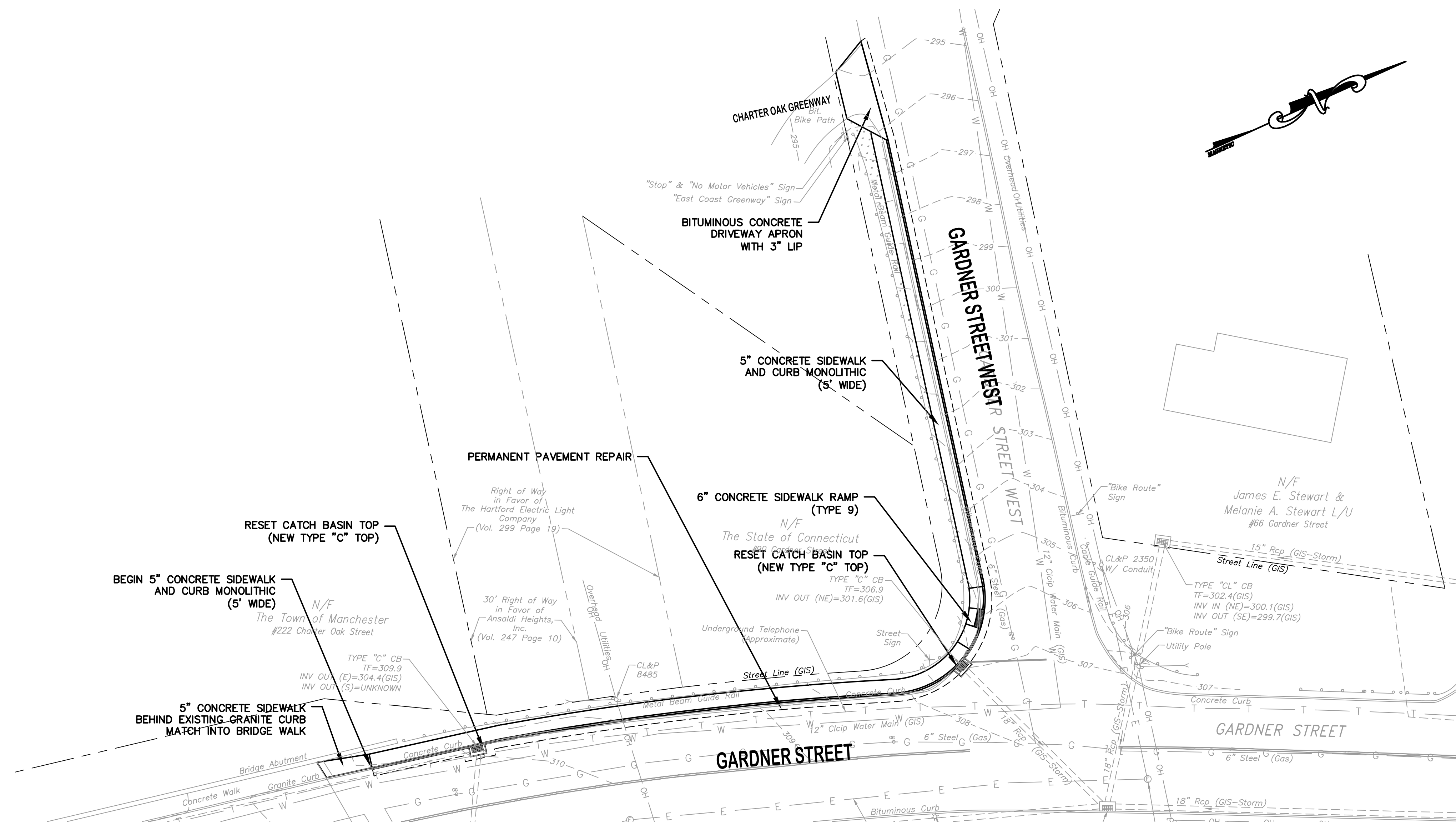
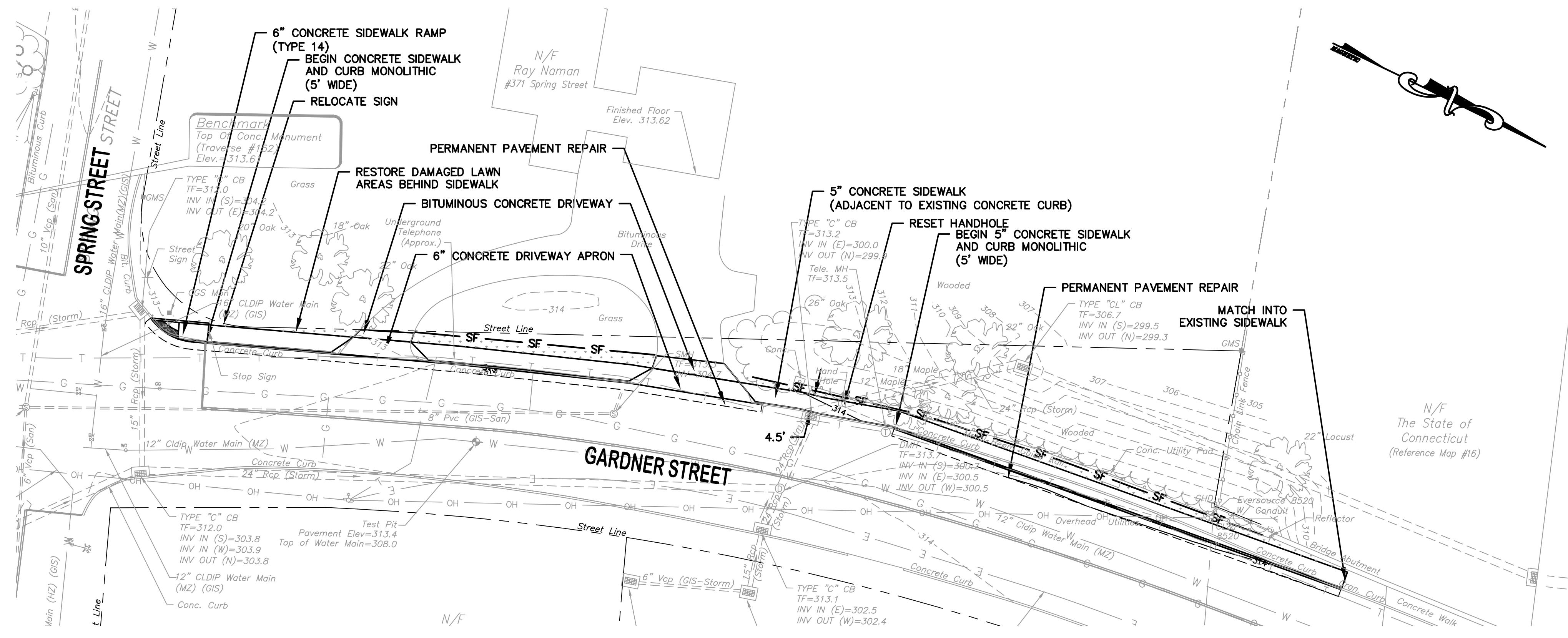
SHEET TITLE
LAYOUT PLAN

SHEET NUMBER
3 of 6



TOWN OF MANCHESTER CONNECTICUT SEAL

TOWN OF MANCHESTER
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION
494 MAIN STREET - P.O. BOX 191
MANCHESTER, CT 06045-0191



LEGEND

—	WETLANDS BOUNDARY	☆	LIGHT POLE
—	RETAINING WALL	⊗	CONIFEROUS TREE
—	CURB WALL	⊗	DECIDUOUS TREE
—	STONE WALL	⊗	SANITARY MANHOLE
—	STOCKADE FENCE	⊗	DRAINAGE MANHOLE
—	WIRE FENCE	⊗	CATCH BASIN
—	CHAIN LINK FENCE	⊗	OLEVERT END
—	PROPERTY LINE	⊗	HYDRANT
—	RAILROAD TRACKS	⊗	CURB STOP
—	EROSION CONTROL	⊗	WATER VALVE
—	CONCRETE MONUMENT	⊗	BUTTERFLY VALVE
—	GRANITE MONUMENT	⊗	BLOW OFF
—	IRON PIPE	⊗	BIOM
—	IRON ROD	⊗	DOUBLE POST SIGN
—	CONTROL POINT	⊗	MAIL BOX
—	DRILL HOLE	⊗	BOLLARD
—	UTILITY POLE	⊗	CONTROLLER CABINET
—	UTILITY POLE WITH LIGHT	⊗	GAS GATE
—	ELECTRIC BOX	⊗	TELEPHONE BOX
—	WETLAND FLAG	⊗	CATY TUBE

PROJECT NUMBER
2022102

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RELEASED BY: TB

DRAWING SCALE
HORIZONTAL: 1" = 20' VERTICAL: NONE
OR AS NOTED

GRAPHIC SCALE

DATUM
HORIZONTAL: NAD83 VERTICAL: NAVD88

PROJECT LOCATION
**GARDNER STREET
GARDNER STREET WEST
MANCHESTER, CT**

PROJECT TITLE
**SIDEWALK INSTALLATIONS
GARDNER STREET AND
GARDNER STREET WEST**

SHEET TITLE
LAYOUT PLAN

SHEET NUMBER
4 of 6



TOWN OF MANCHESTER
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

494 MAIN STREET - P.O. BOX 191
MANCHESTER, CT 06045-0191

LEGEND

—	WETLAND BOUNDARY	☆	LIGHT POLE
—	RETAINING WALL	⊗	CONIFEROUS TREE
—	CURB WALL	⊗	DECIDUOUS TREE
—	STONE WALL	⊗	SANITARY MANHOLE
—	STOCKADE FENCE	⊗	DRAINAGE MANHOLE
—	WIRE FENCE	⊗	CATCH BASIN
—	CHAIN LINK FENCE	⊗	DEWATER END
—	PROPERTY LINE	⊗	HYDRANT
—	RAILROAD TRACKS	⊗	CURB STOP
—	EROSION CONTROL	⊗	WATER VALVE
—	CONCRETE MONUMENT	⊗	BUTTERFLY VALVE
—	GRANITE MONUMENT	⊗	BLOW OFF
—	IRON PIPE	⊗	SIEN
—	IRON ROD	⊗	DOUBLE POST SIGN
—	CONTROL POINT	⊗	MAIL BOX
—	DRILL HOLE	⊗	BOLLARD
—	UTILITY POLE	⊗	CONROLLER CABINET
—	UTILITY POLE WITH LIGHT	⊗	GAS GATE
—	ELECTRIC BOX	⊗	TELEPHONE BOX
—	WETLAND FLAG	⊗	CATY TUBE

PROJECT NUMBER
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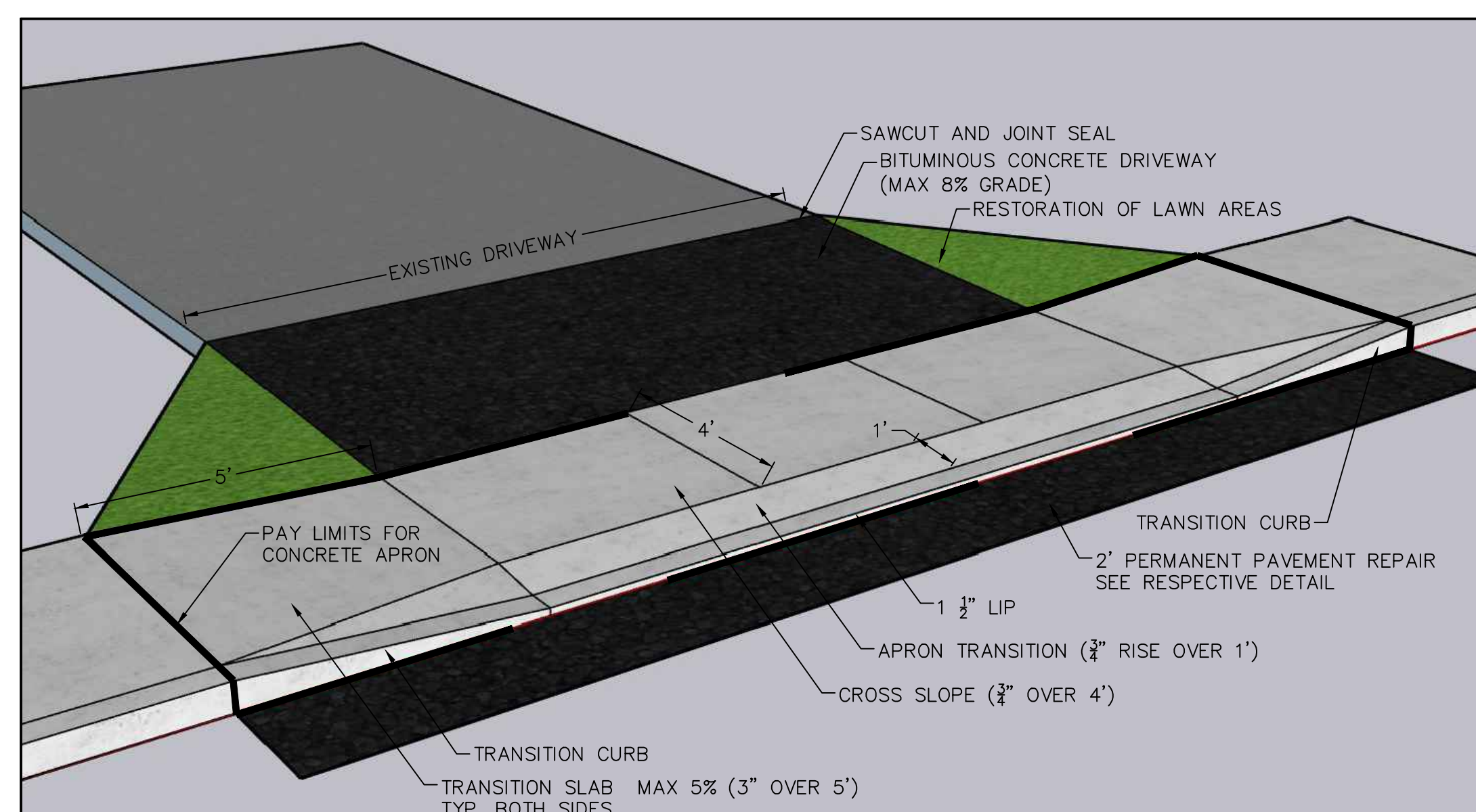
DATUM
HORIZONTAL: NAD83 VERTICAL: NAVD88

PROJECT LOCATION
**GARDNER STREET
GARDNER STREET WEST
MANCHESTER, CT**

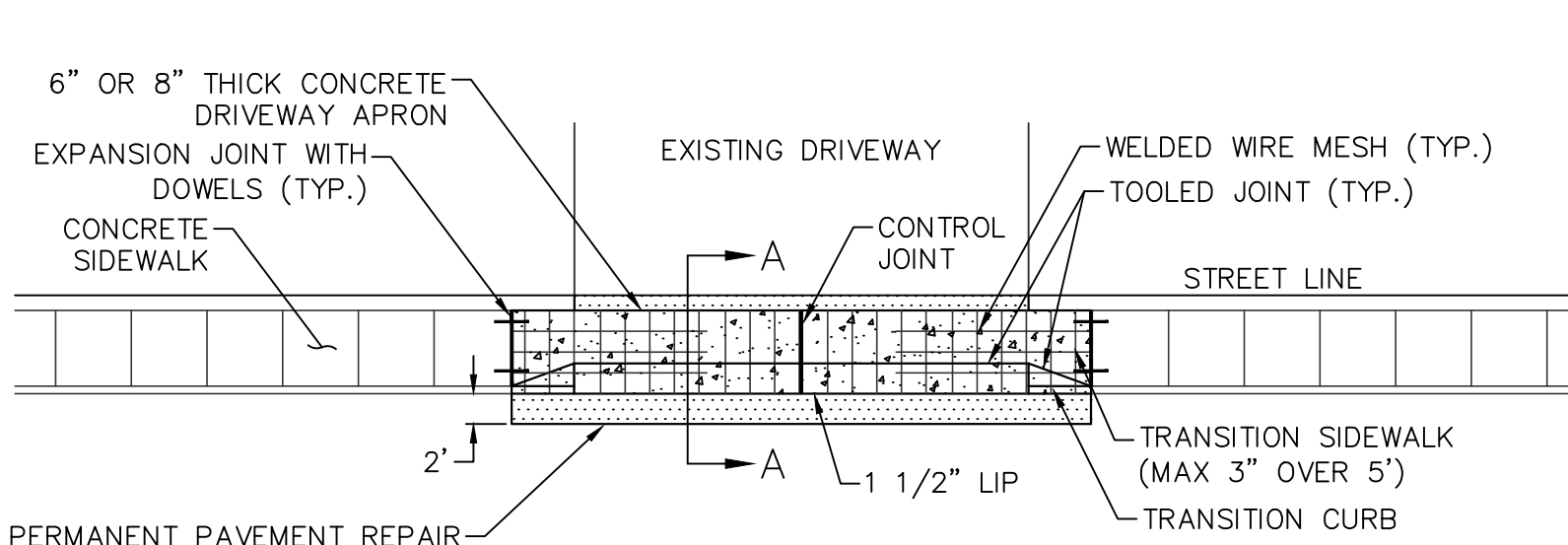
PROJECT TITLE
**SIDEWALK INSTALLATIONS
GARDNER STREET AND
GARDNER STREET WEST**

SHEET TITLE
DETAILS

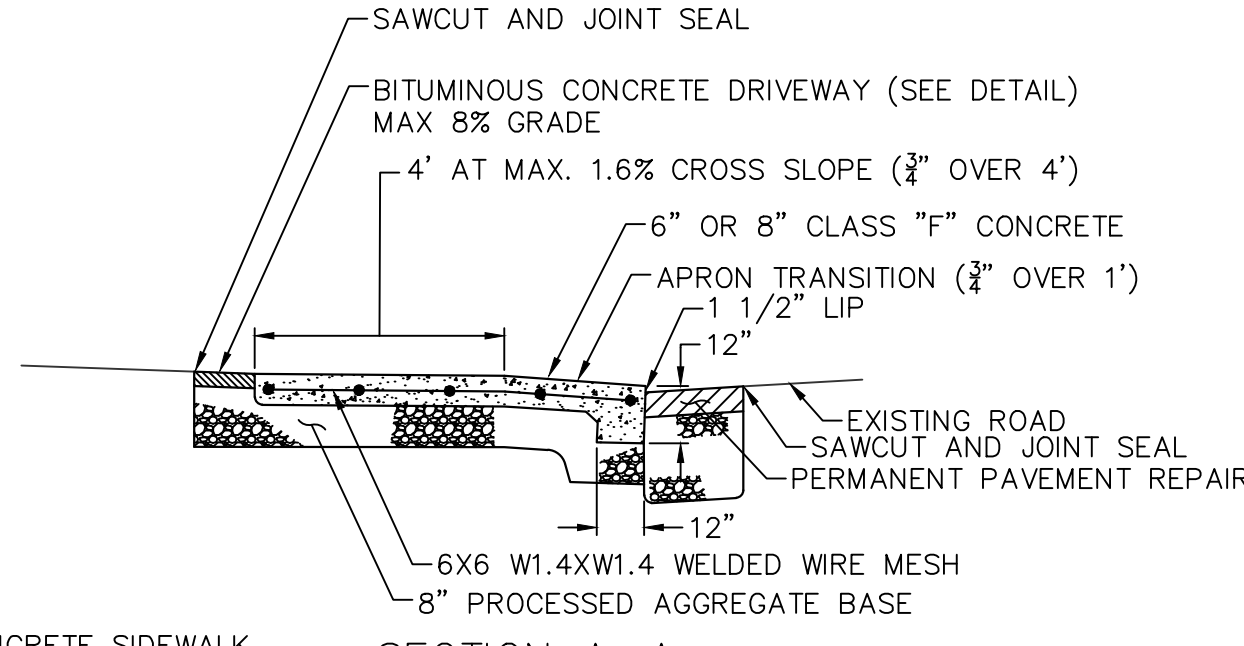
SHEET NUMBER
5 of 6



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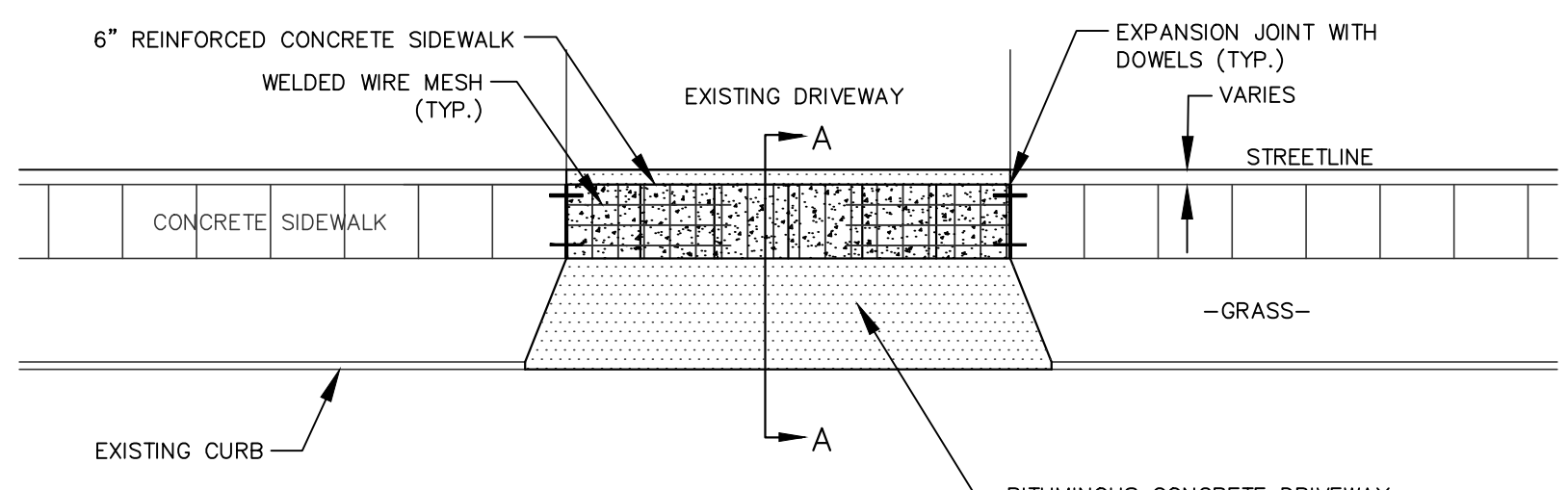
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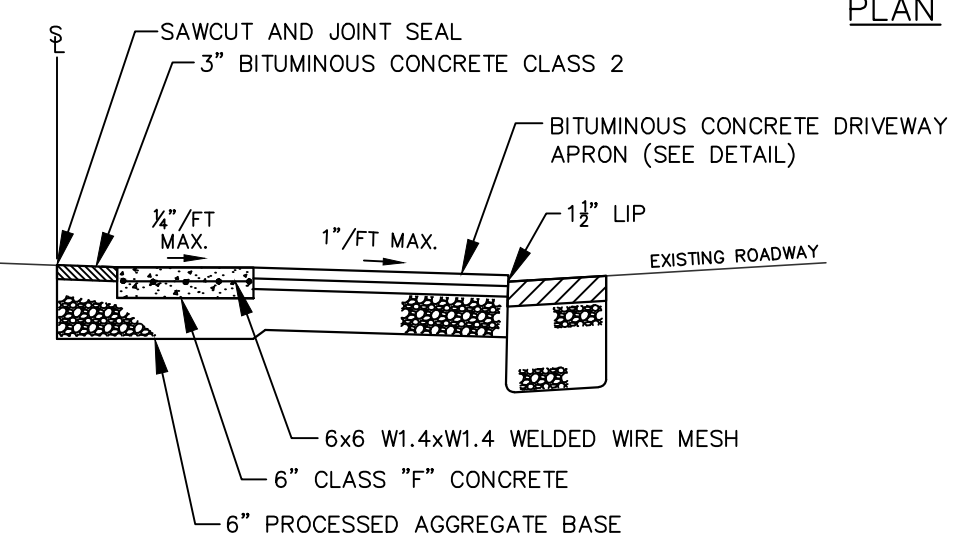
SECTION A-A

CONCRETE DRIVEWAY APRON

NOT TO SCALE



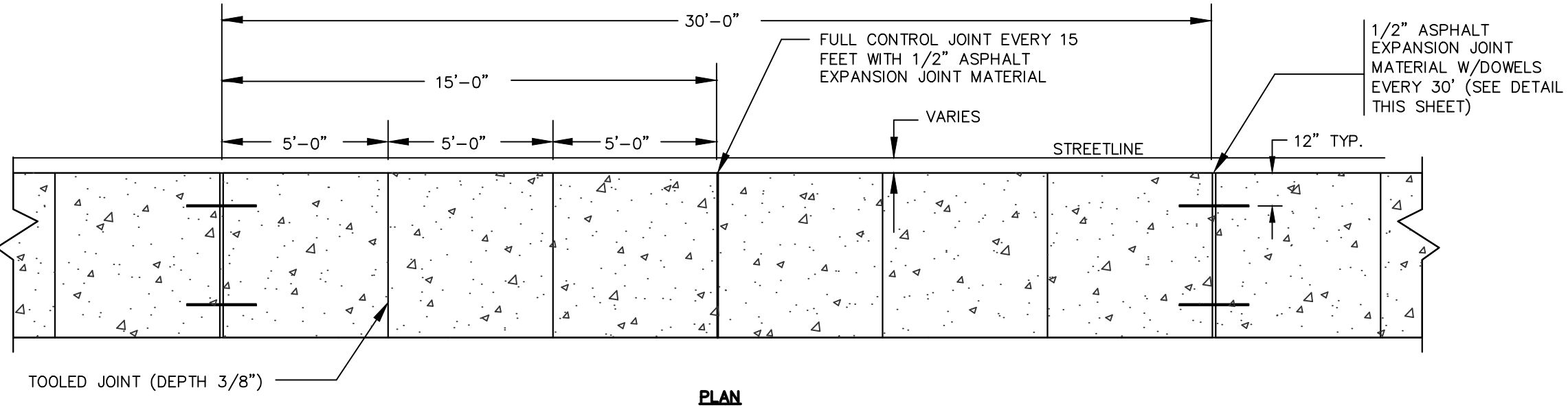
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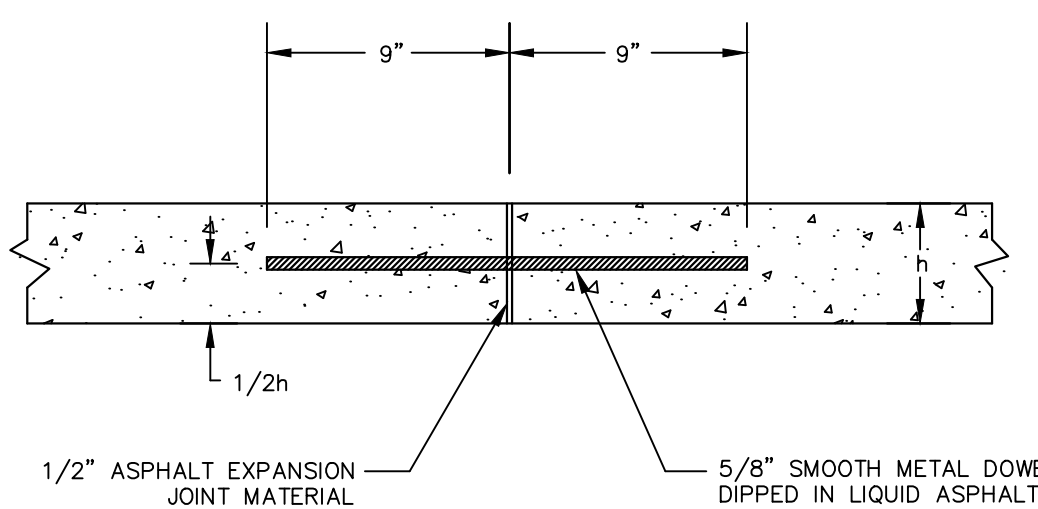
SECTION A-A

**6" REINFORCED CONCRETE SIDEWALK
(ACROSS DRIVEWAYS)**

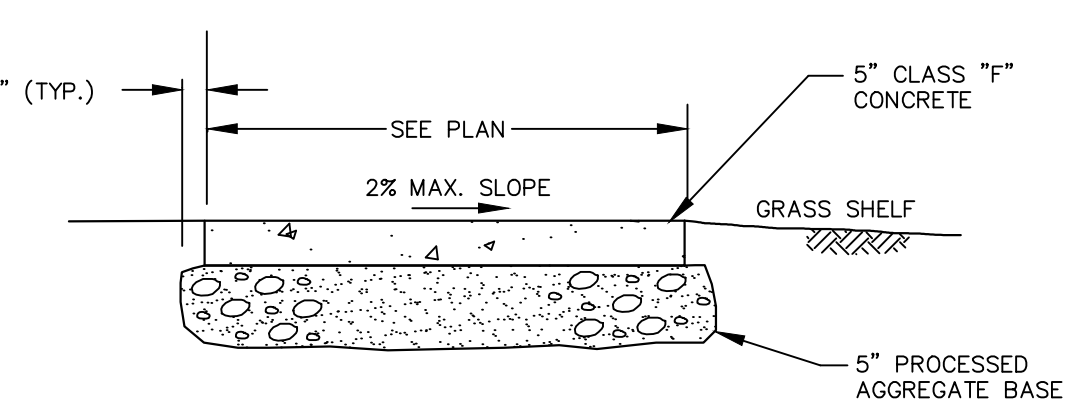
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PLAN



EXPANSION JOINT - DETAIL



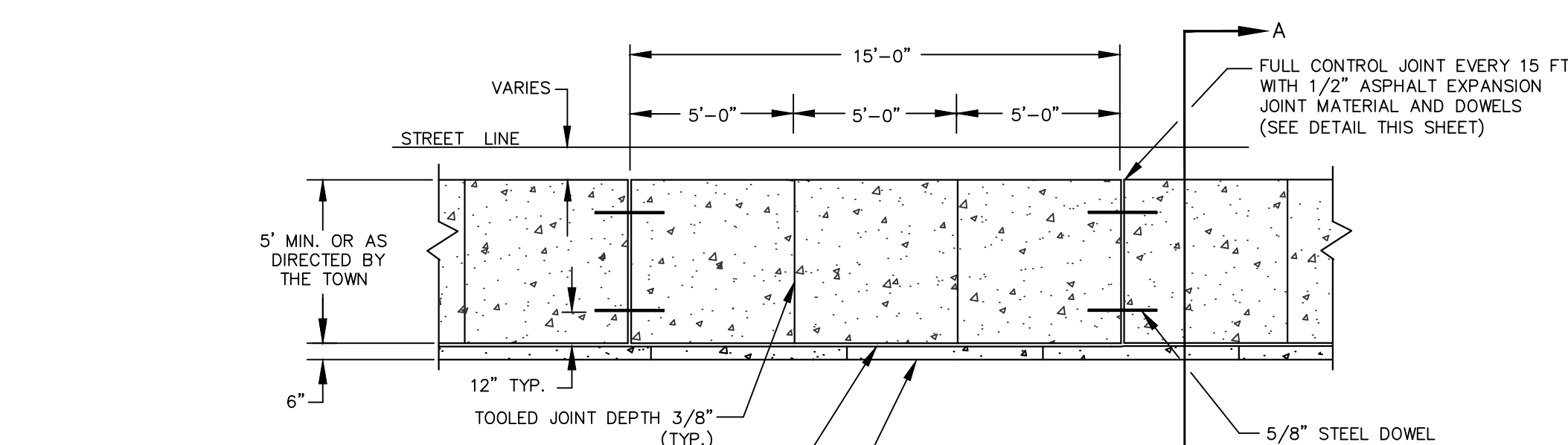
SECTION

NOTES:

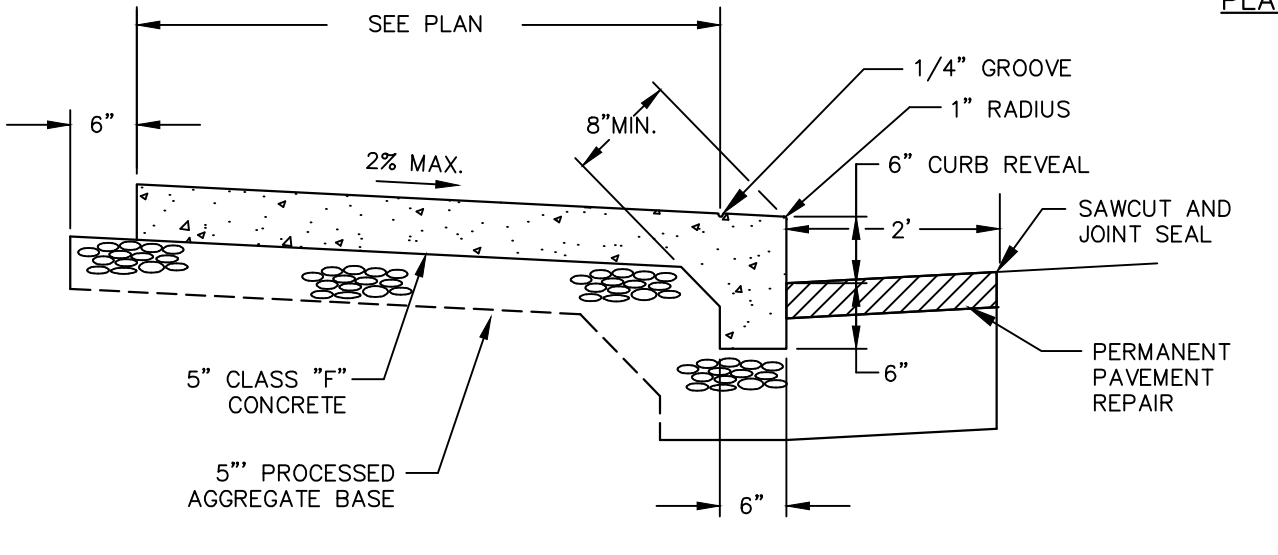
1. A MINIMUM 42" CLEAR WIDTH SHALL BE MAINTAINED BETWEEN THE EDGES OF THE SIDEWALK AND ANY OBSTRUCTIONS WITHIN THE SIDEWALK LIMITS.
2. AT THE END OF THE DAILY POUR OF CONCRETE, METAL DOWELS ARE TO BE INSERTED IN THE LAST SLAB FOR THE EXTENSION OF THE SIDEWALK.
3. INSTALL APPROVED BOND BREAKER BETWEEN GRANITE CURB AND SIDEWALK.

5" CONCRETE SIDEWALK

NOT TO SCALE



PLAN



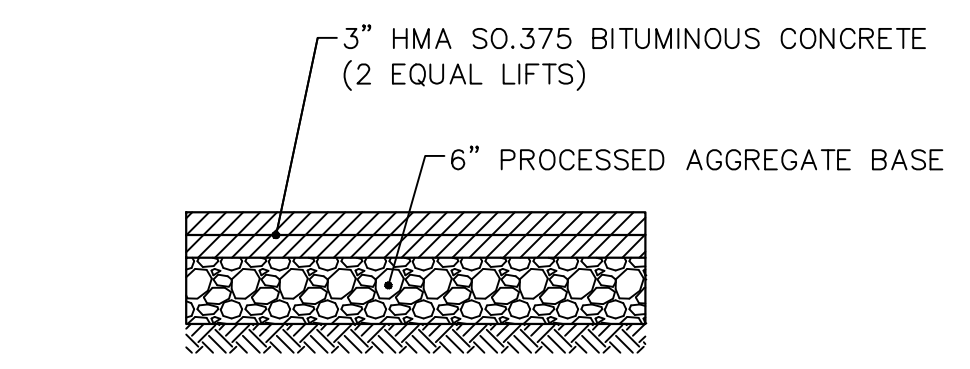
SECTION A-A

NOTES:

1. PAVEMENT COURSES AND PROCESSED AGGREGATE BASE THICKNESS SHALL MATCH DETAIL OR BE INSTALLED AS DIRECTED BY THE ENGINEER.
2. A MINIMUM 42" CLEAR WIDTH SHALL BE MAINTAINED BETWEEN THE EDGES OF THE SIDEWALK AND ANY OBSTRUCTIONS WITHIN THE SIDEWALK LIMITS.
3. AT THE END OF THE DAILY POUR OF CONCRETE, METAL DOWELS ARE TO BE INSERTED IN THE LAST SLAB FOR THE EXTENSION OF THE SIDEWALK.

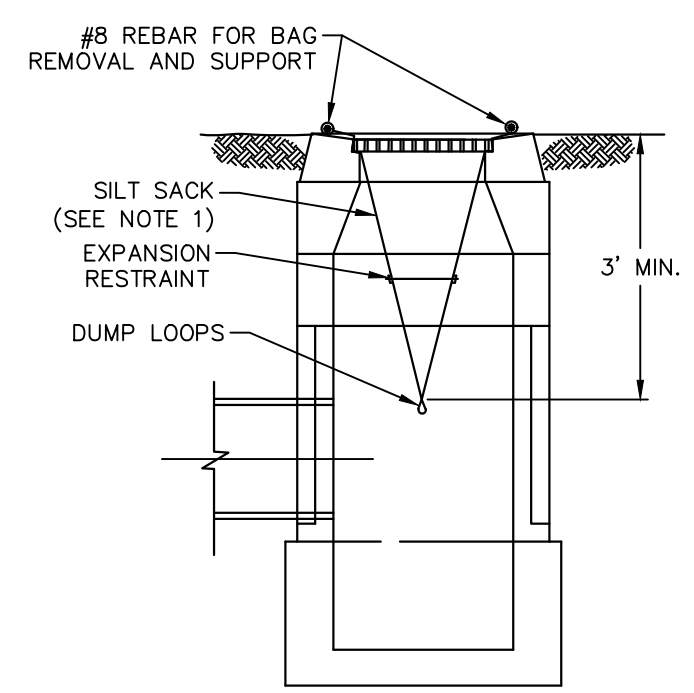
5" CONCRETE SIDEWALK AND CURB MONOLITHIC

NOT TO SCALE



BITUMINOUS CONCRETE DRIVEWAY

NOT TO SCALE



NOTES:

1. SILT SACKS SHALL BE HI-FLOW SILTSACK® "TYPE A" FOR TYPE "C-L" CB TOPS AND "TYPE B" WITH CURB DEFLECTORS FOR TYPE "C" CB TOPS OR OTHER STRUCTURES WITH CURB INLETS AS MANUFACTURED BY ACF ENVIRONMENTAL, INC OR APPROVED EQUAL.
2. SILT SACKS SHALL BE PROVIDED WITH INTERNAL OVERFLOWS.
3. SILT SACKS SHALL BE EMPTIED WHEN THEY HAVE COLLECTED 6" TO 12" OF SEDIMENT. INSPECT EVERY 1 TO 2 WEEKS AND AFTER EVERY MAJOR RAINFALL EVENT.

SILT SACK

NOT TO SCALE



TOWN OF MANCHESTER
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION
494 MAIN STREET - P.O. BOX 191
MANCHESTER, CT 06045-0191

LEGEND

— WETLANDS BOUNDARY	○ LIGHT POLE
— RETAINING WALL	● CONIFEROUS TREE
— CURB WALL	○ DEODOROUS TREE
— STONE WALL	○ SANITARY MANHOLE
— STOCKADE FENCE	○ DRAINAGE MANHOLE
— WIRE FENCE	○ CATCH BASIN
— CHAIN LINK FENCE	○ CULVERT END
— PROPERTY LINE	○ CULVERT
— RAILROAD TRACKS	○ CURB STOP
— EROSION CONTROL	○ WATER VALVE
□ CONCRETE MONUMENT	○ BUTTERFLY VALVE
■ GRANITE MONUMENT	○ BLOW OFF
○ IRON PIPE	○ SIGN
○ IRON ROD	○ DOUBLE POST SIGN
△ CONTROL POINT	□ MAIL BOX
○ DRILL HOLE	○ BOLLARD
○ UTILITY POLE	□ CONTROLLER CABINET
○ UTILITY POLE WITH LIGHT	○ GAS GATE
□ ELECTRIC BOX	□ TELEPHONE BOX
△ WETLAND FLAG	□ CATV TUBE

PROJECT NUMBER
2022102

FILENAME
2022102-PLAN.DWG

NO.	DATE	FILE
	03-23-26	FOR BIDDING

DRAWN BY: JL
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DATUM
HORIZONTAL: NAD83 VERTICAL: NAVD88

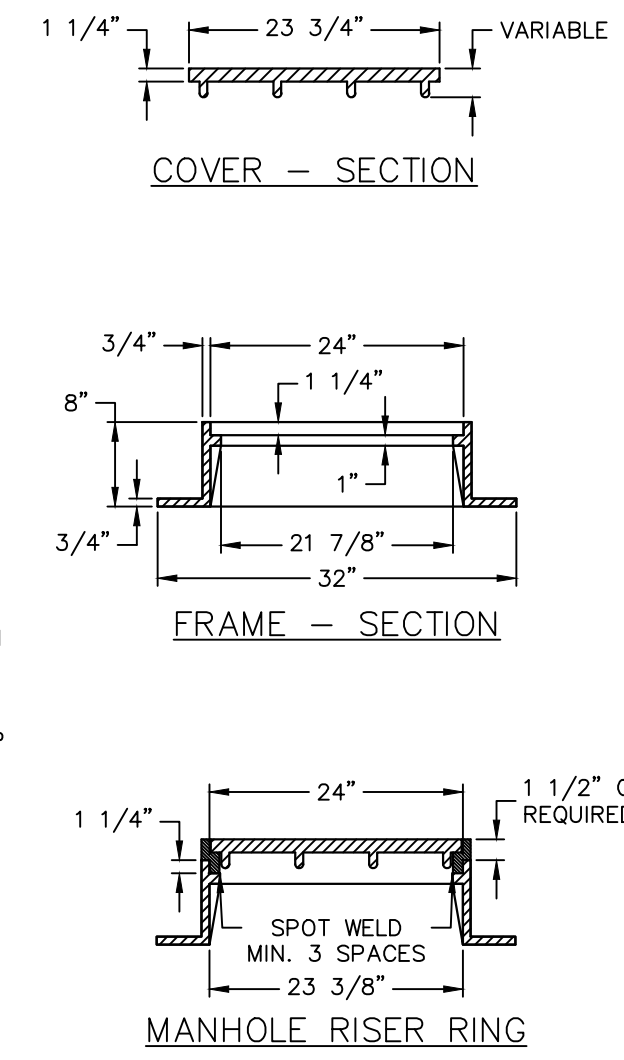
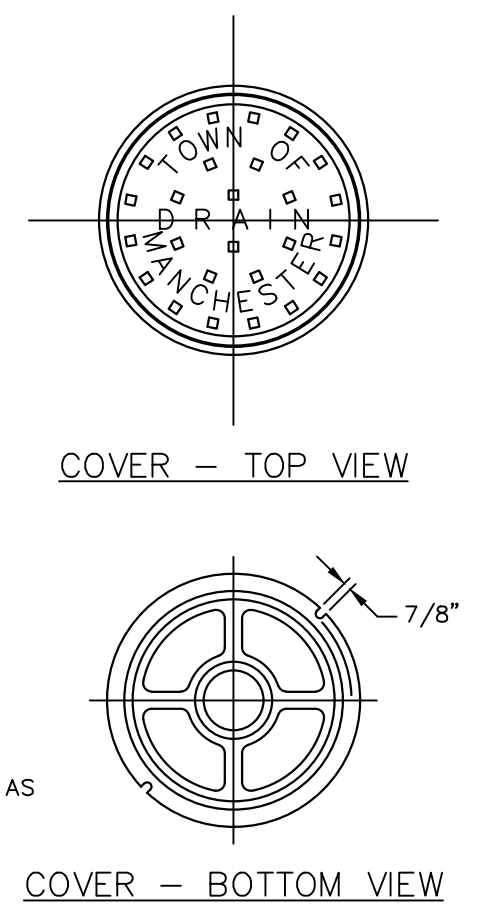
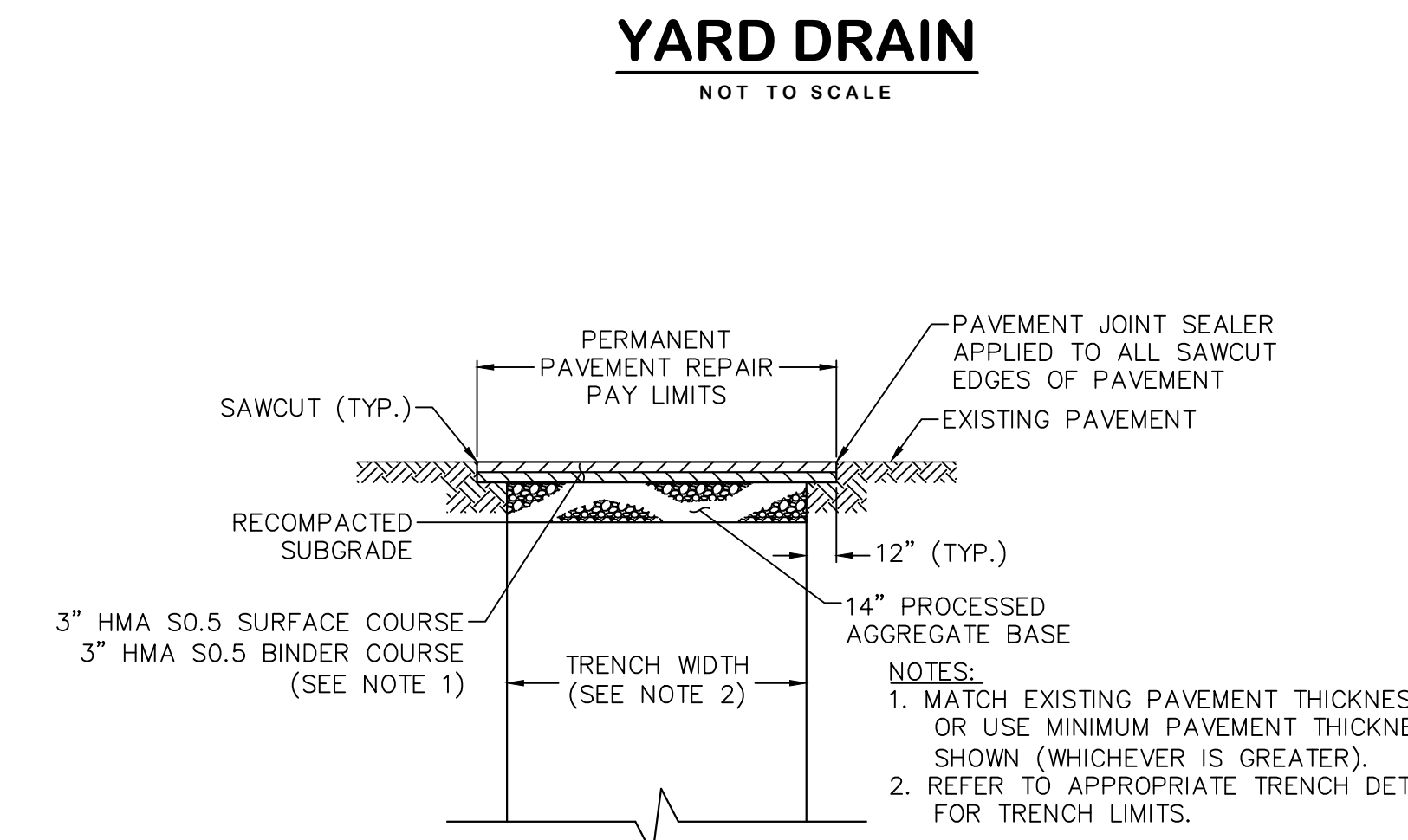
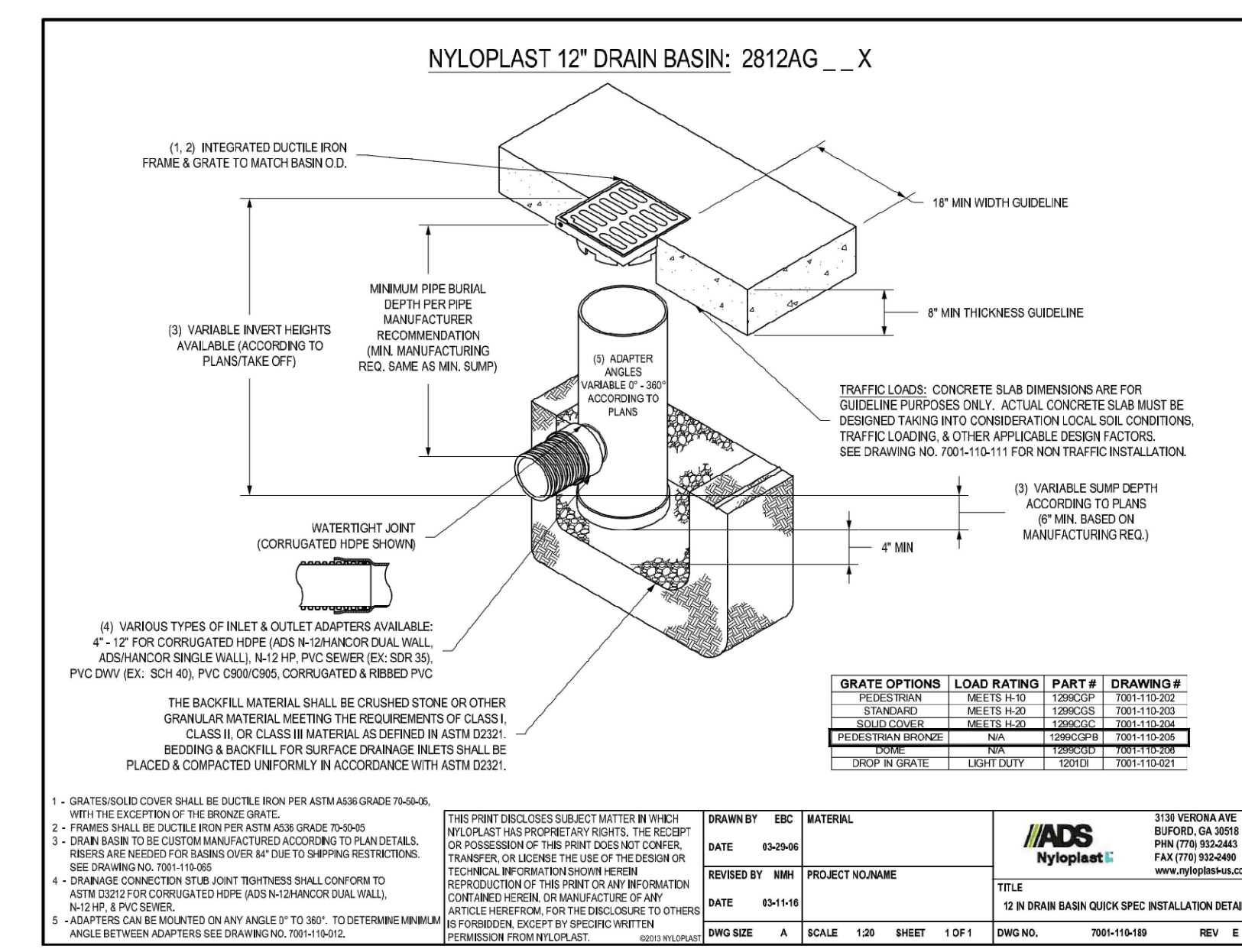
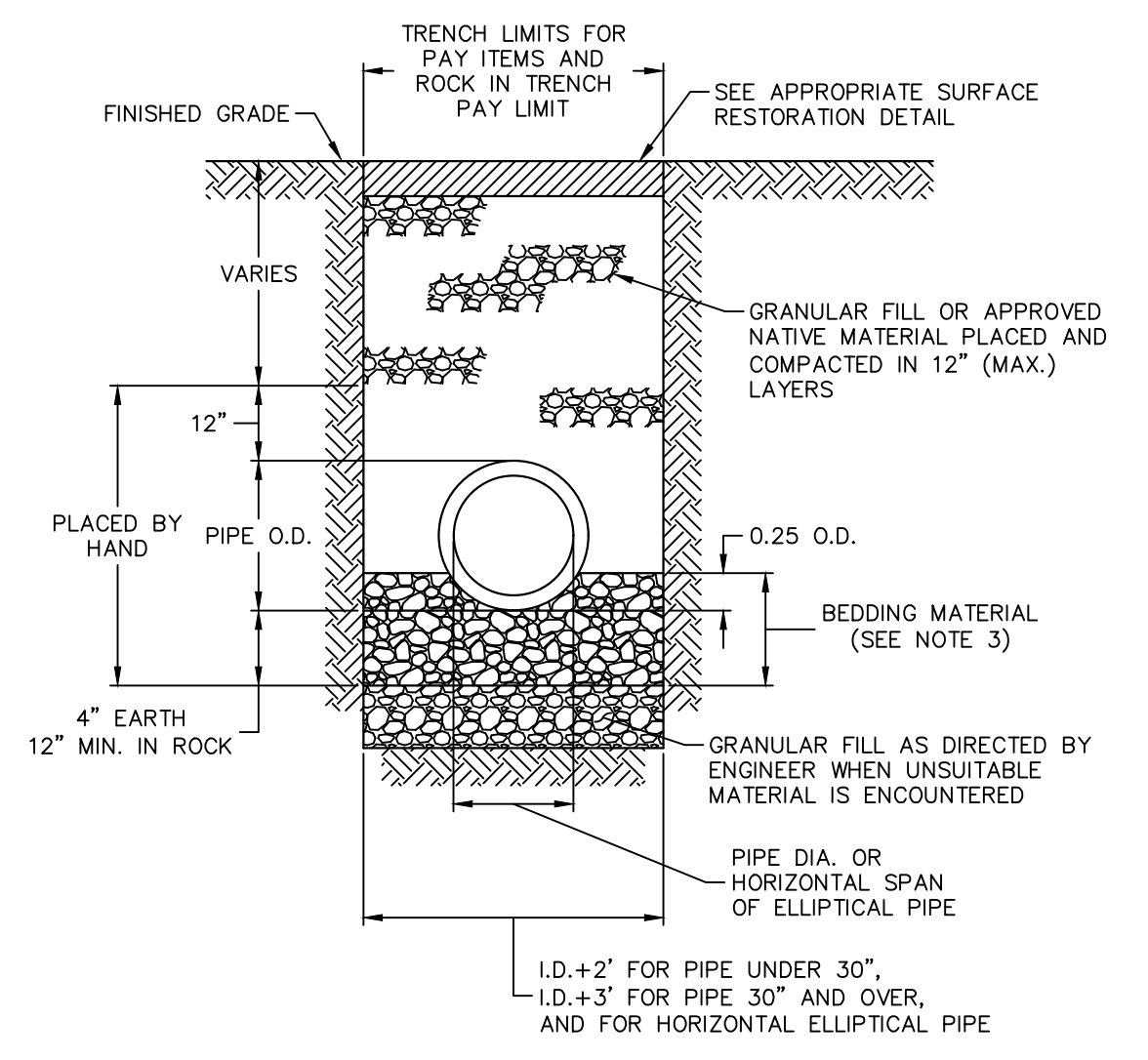
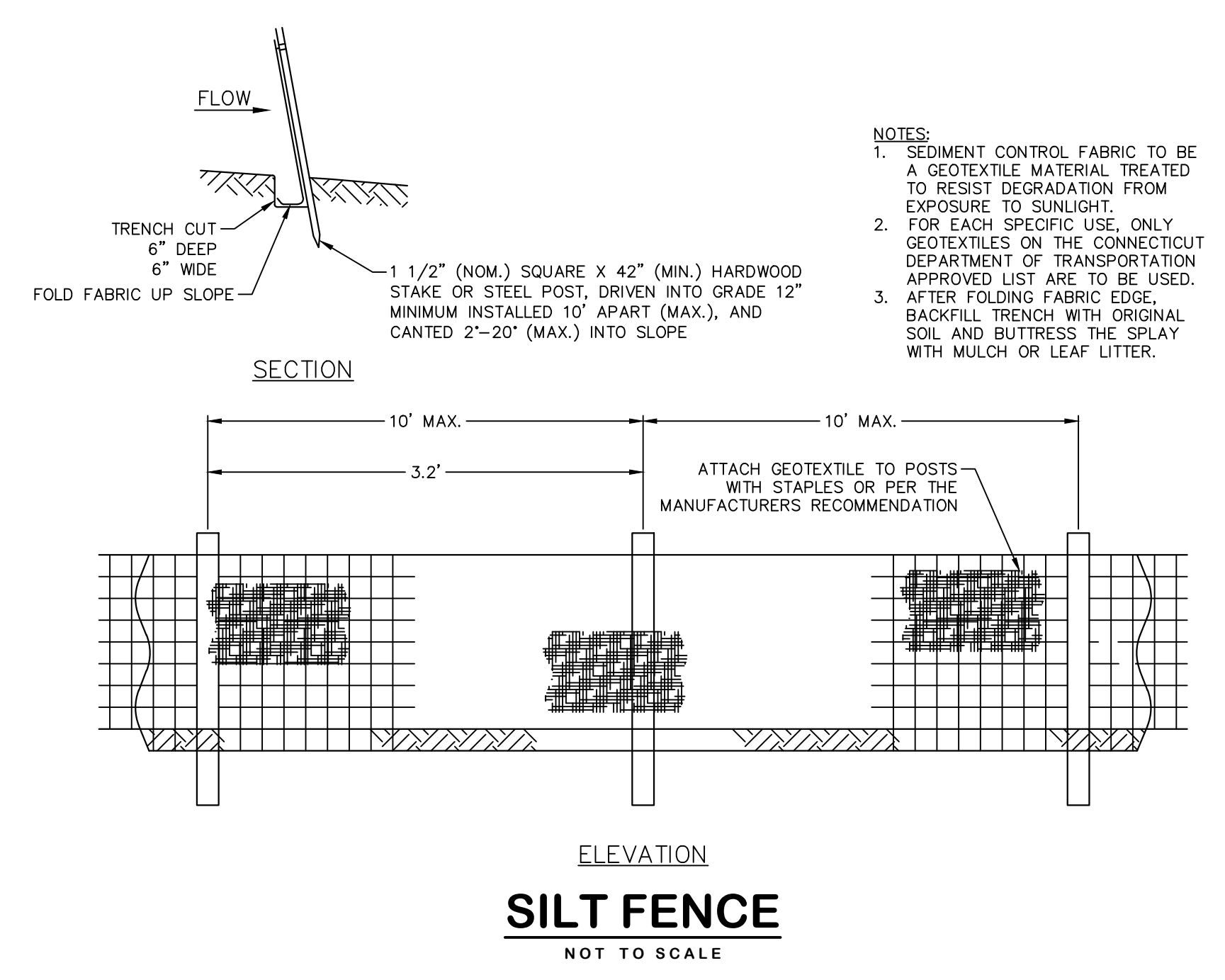
PROJECT LOCATION
**GARDNER STREET
GARDNER STREET WEST
MANCHESTER, CT**

PROJECT TITLE
**SIDEWALK INSTALLATIONS
GARDNER STREET AND
GARDNER STREET WEST**

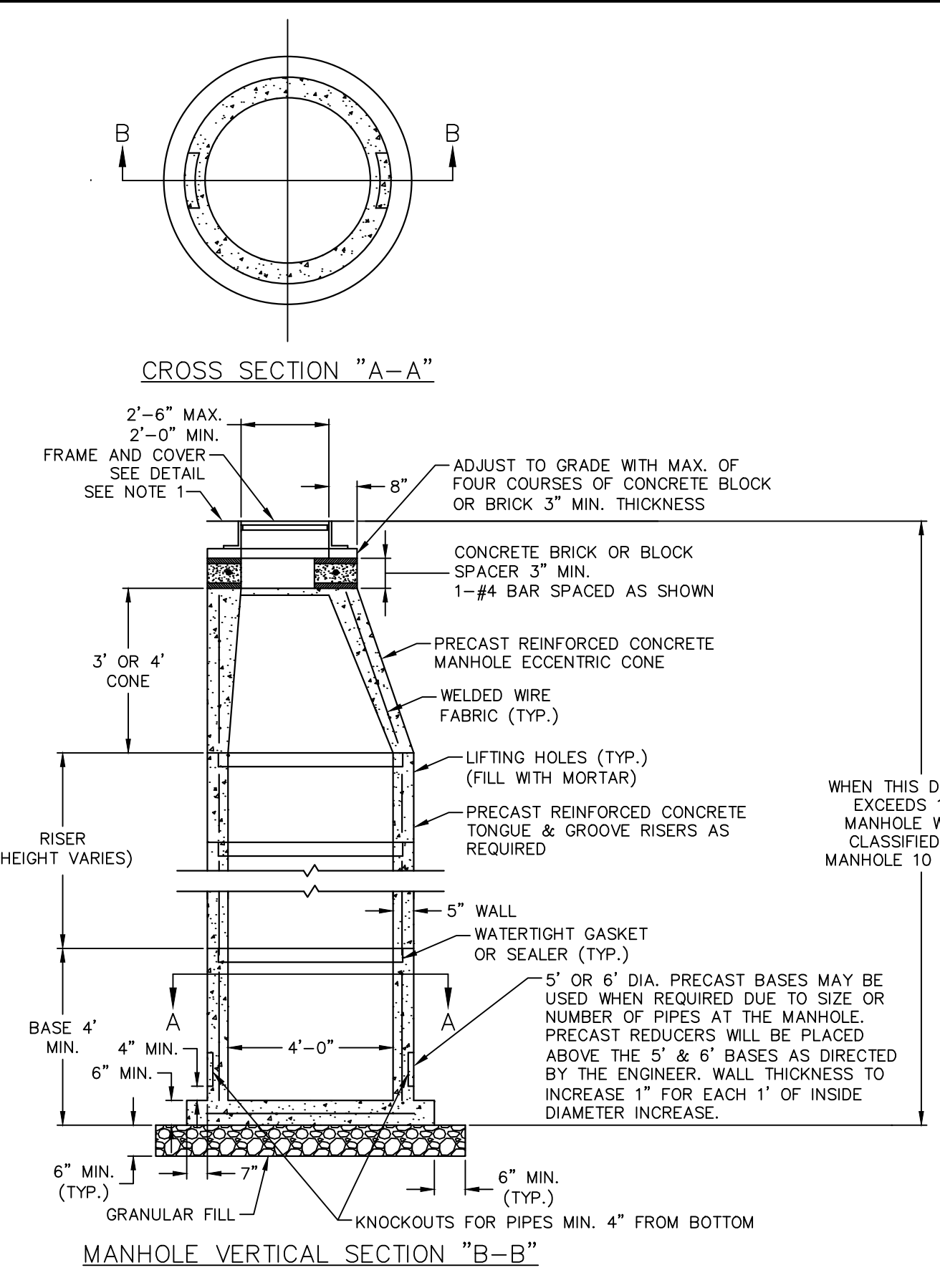
SHEET TITLE

DETAILS

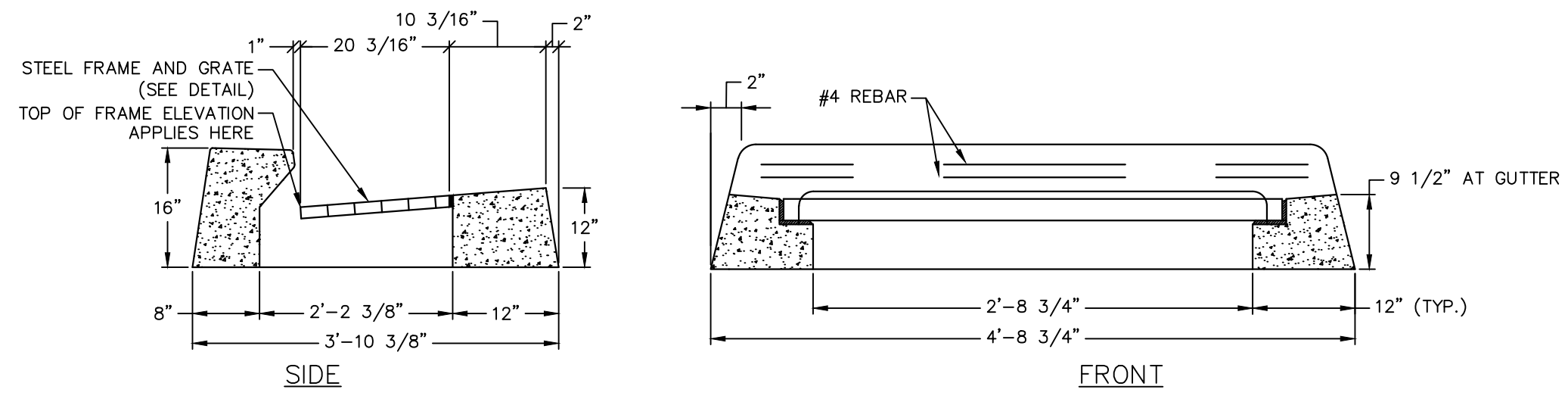
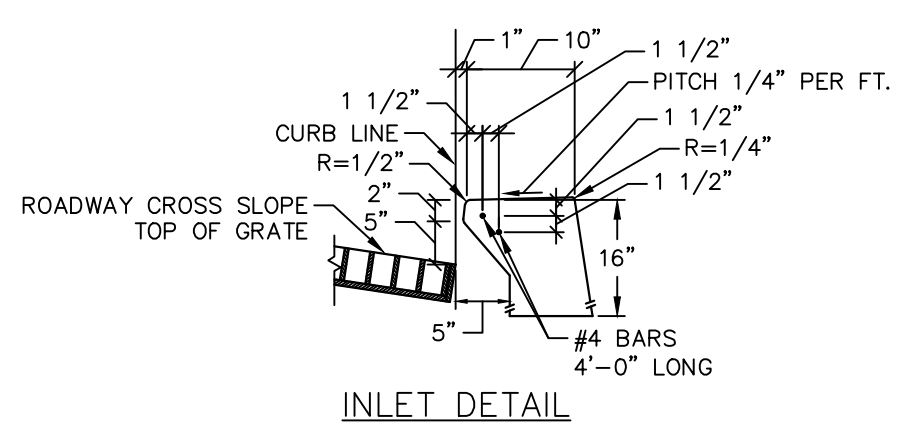
SHEET NUMBER
6 of 6



NOTES:
1. FRAME AND COVER DIMENSIONS SHOWN HEREON ARE APPROXIMATE. ACTUAL DIMENSIONS MUST BE SHOWN ON SHOP DRAWING SUBMITTALS AND APPROVED BY THE ENGINEER.
2. ALL MANHOLE FRAMES COVERS SHALL BE TEMPORARILY SET FLUSH WITH THE BINDER COURSE OF PAVEMENT. A MANHOLE RISER RING SHALL BE INSTALLED TO RAISE MANHOLE COVER TO FINISHED GRADE PRIOR TO INSTALLATION OF THE FINAL SURFACE COURSE OF PAVEMENT.

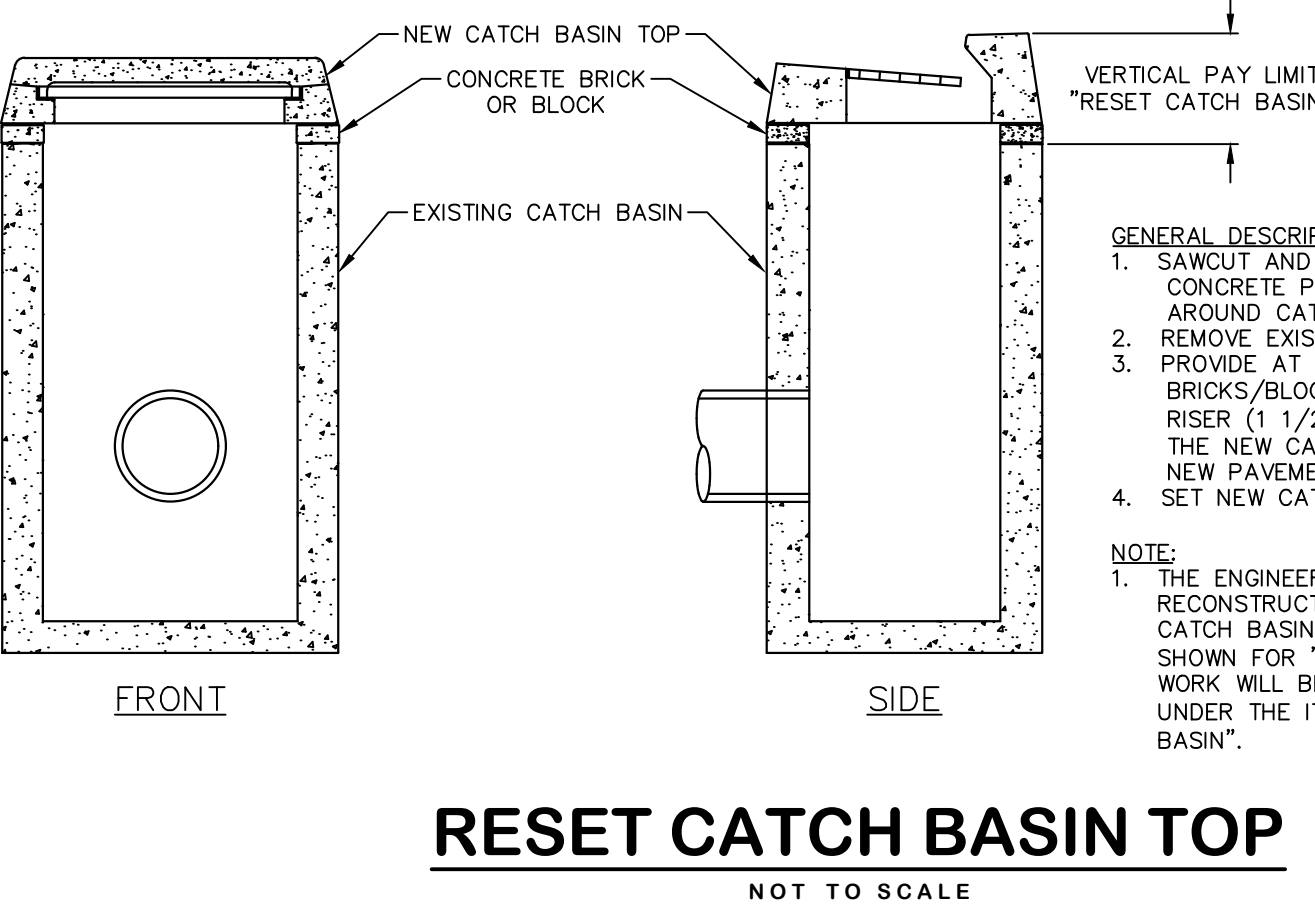


STORM MANHOLE
NOT TO SCALE

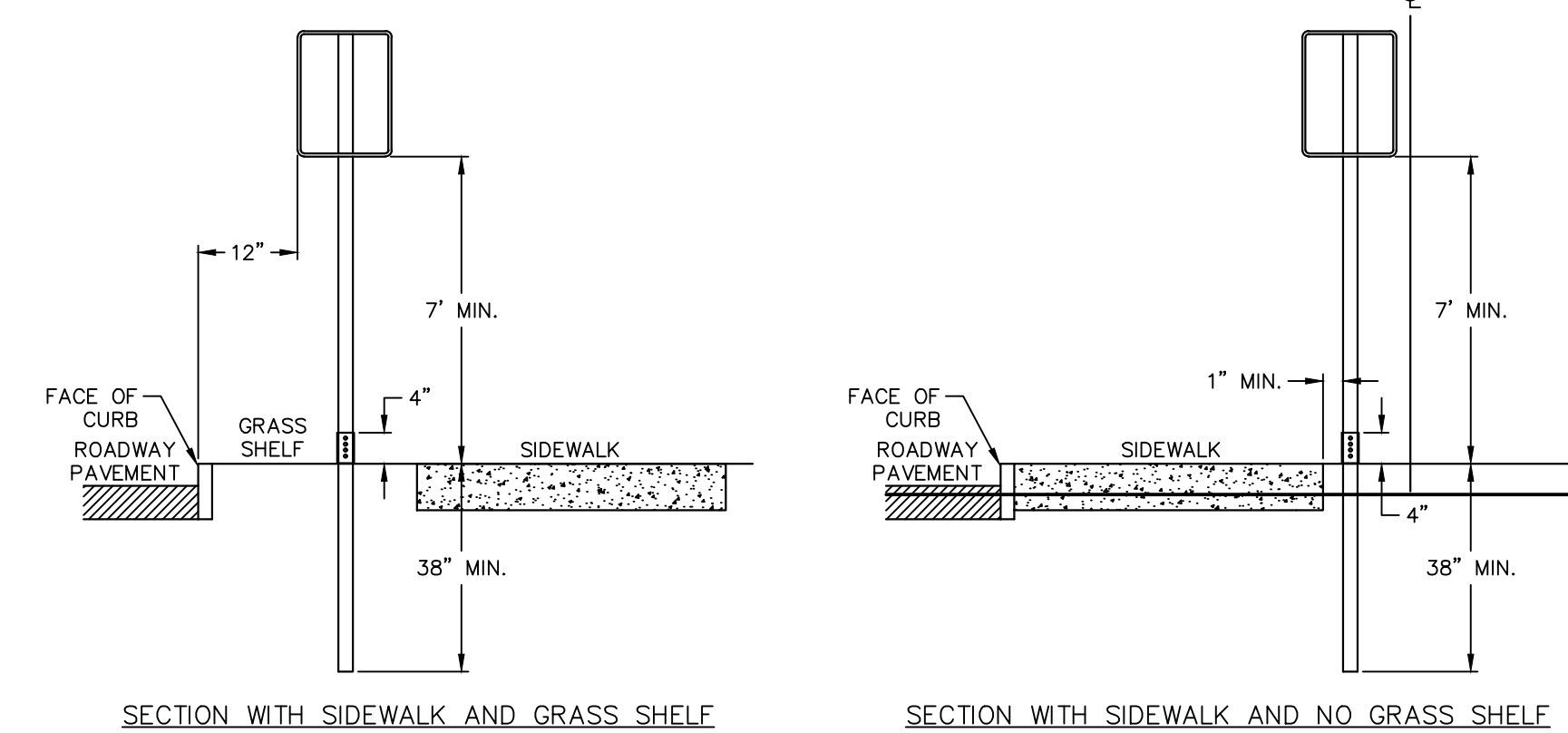


NOTES:
1. CONCRETE TOP SHALL BE CAST TO MATCH ADJACENT CONCRETE CURB.
2. CATCH BASIN TOP DIMENSIONS PROVIDED ARE APPROXIMATE. ACTUAL DIMENSIONS ARE SUBJECT TO APPROVAL BY THE TOWN.

TYPE "C" CATCH BASIN TOP (FOR CONCRETE CURB)
NOT TO SCALE

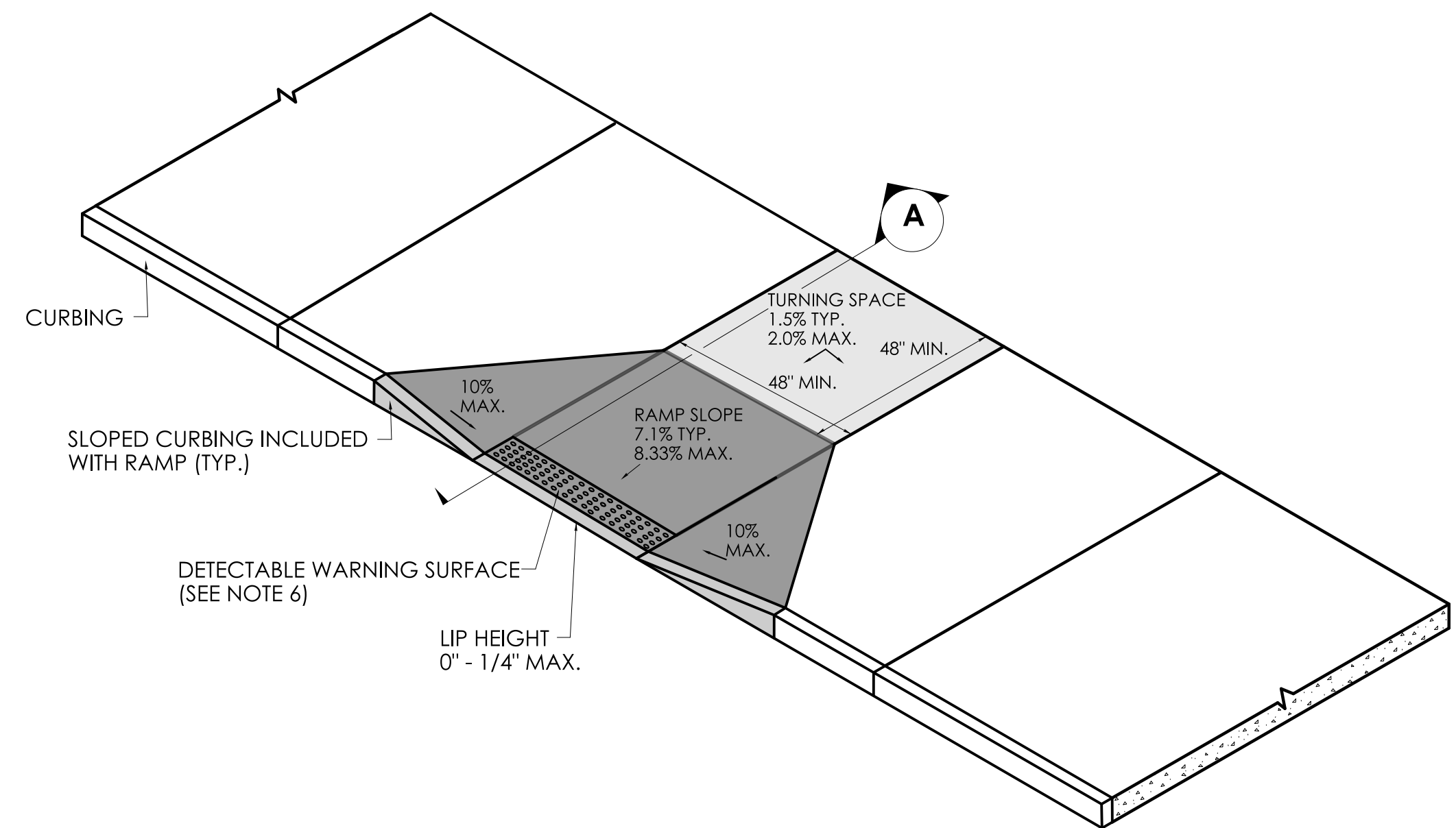


RESET CATCH BASIN TOP
NOT TO SCALE

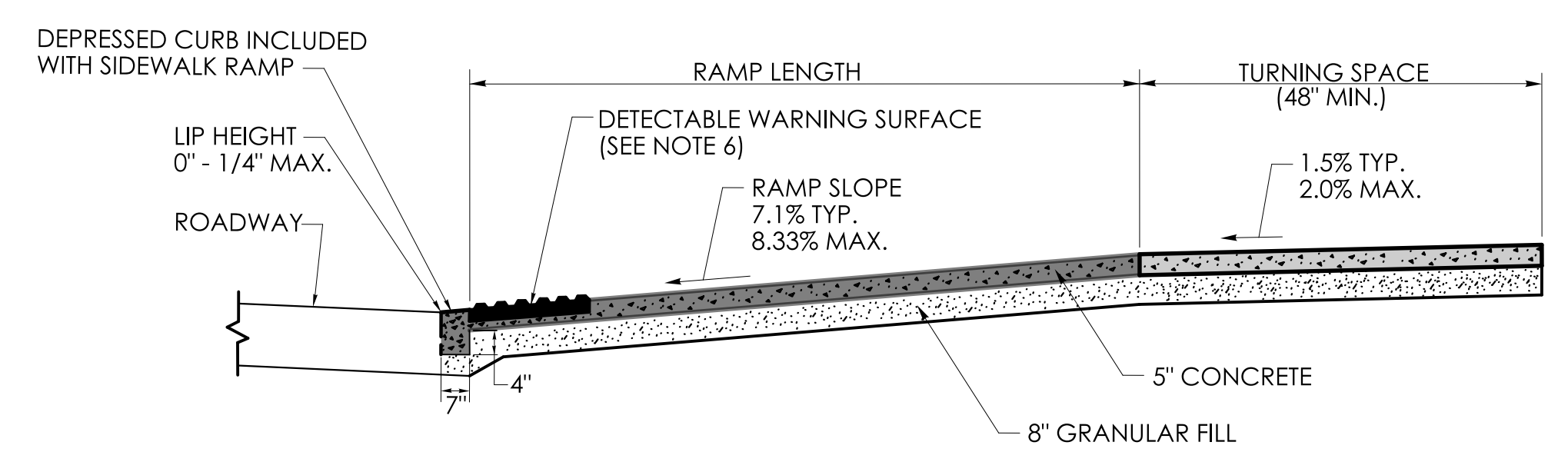


NOTES:
1. SUPPORTS SHALL BE METAL GALVANIZED STEEL POSTS WITH BREAKAWAY COUPLING SYSTEM.
2. WHERE POSTS CANNOT BE INSTALLED BEHIND SIDEWALK, THEY SHALL BE INSTALLED WITH THE EDGE OF THE SIGN 12" FROM FACE OF CURB.

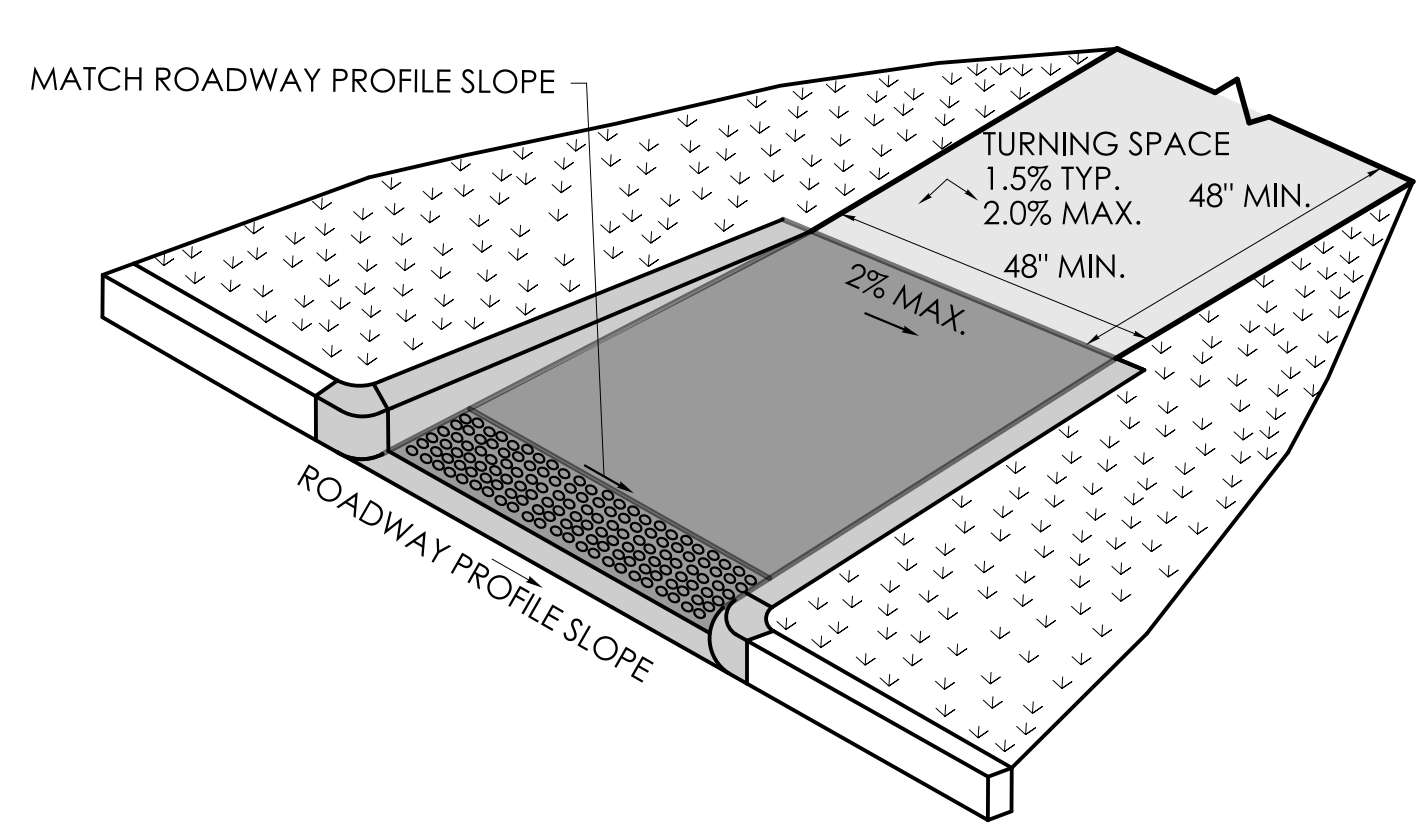
SIGN INSTALLATION - TYPICAL
NOT TO SCALE



PERPENDICULAR SIDEWALK RAMP AND SECTION

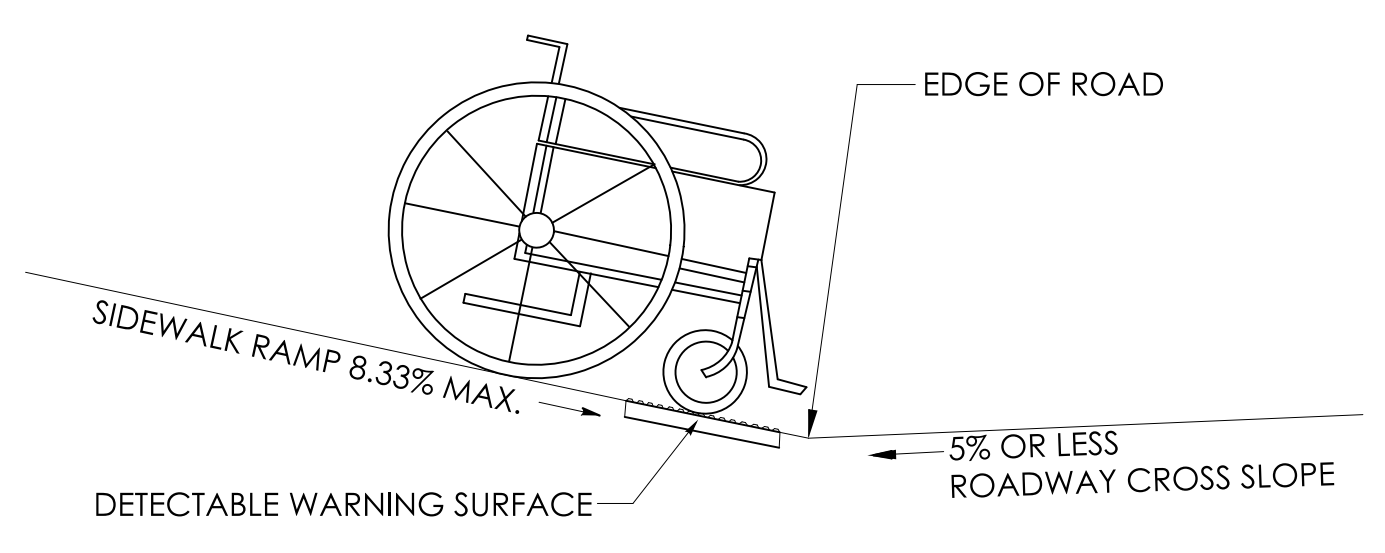


SECTION A

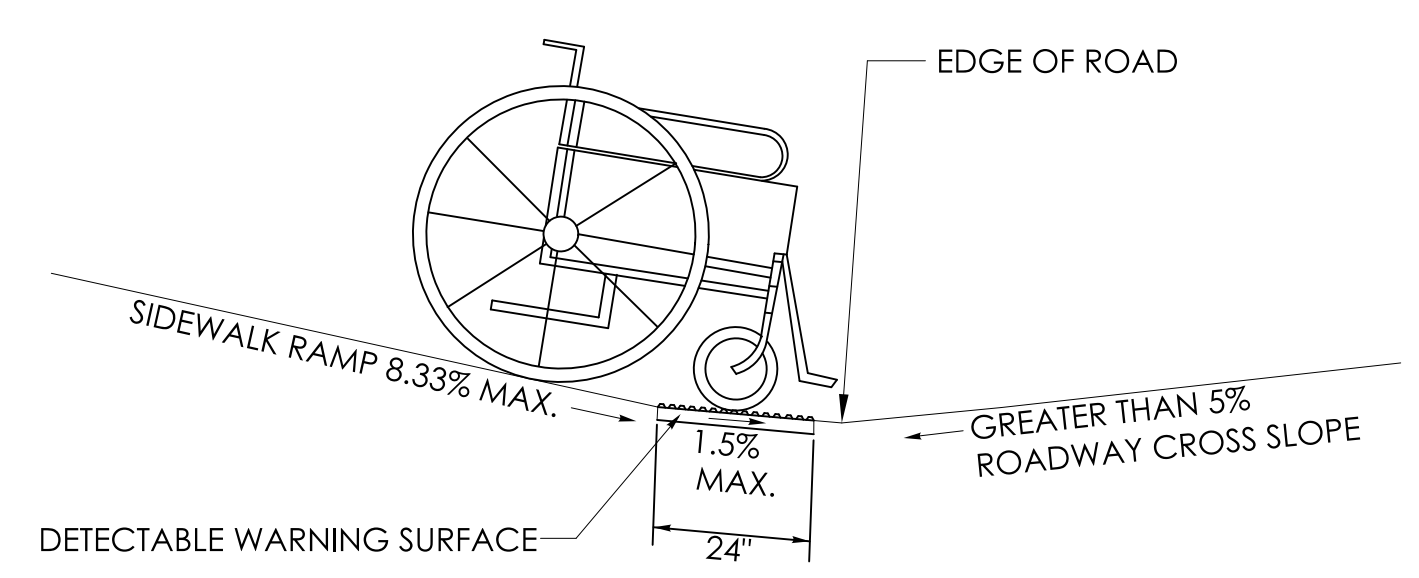


RAMP WARPING DETAIL

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 THE ROADWAY PROFILE BEHIND THE DETECTABLE WARNING SURFACE.



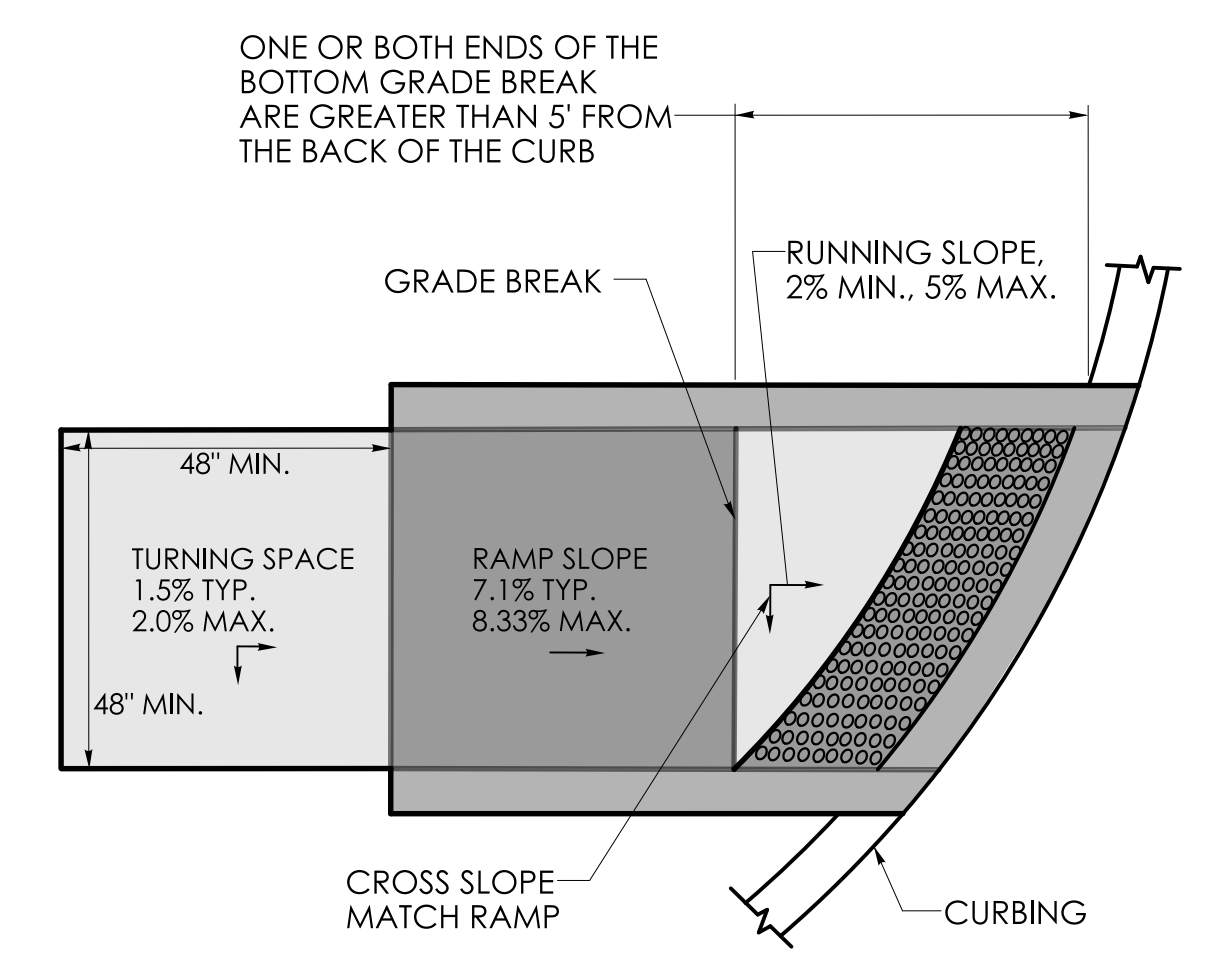
SIDEWALK RAMP GRADE AT ROADWAY CROSS SLOPE OF 5% OR LESS GUTTER COUNTER SLOPE



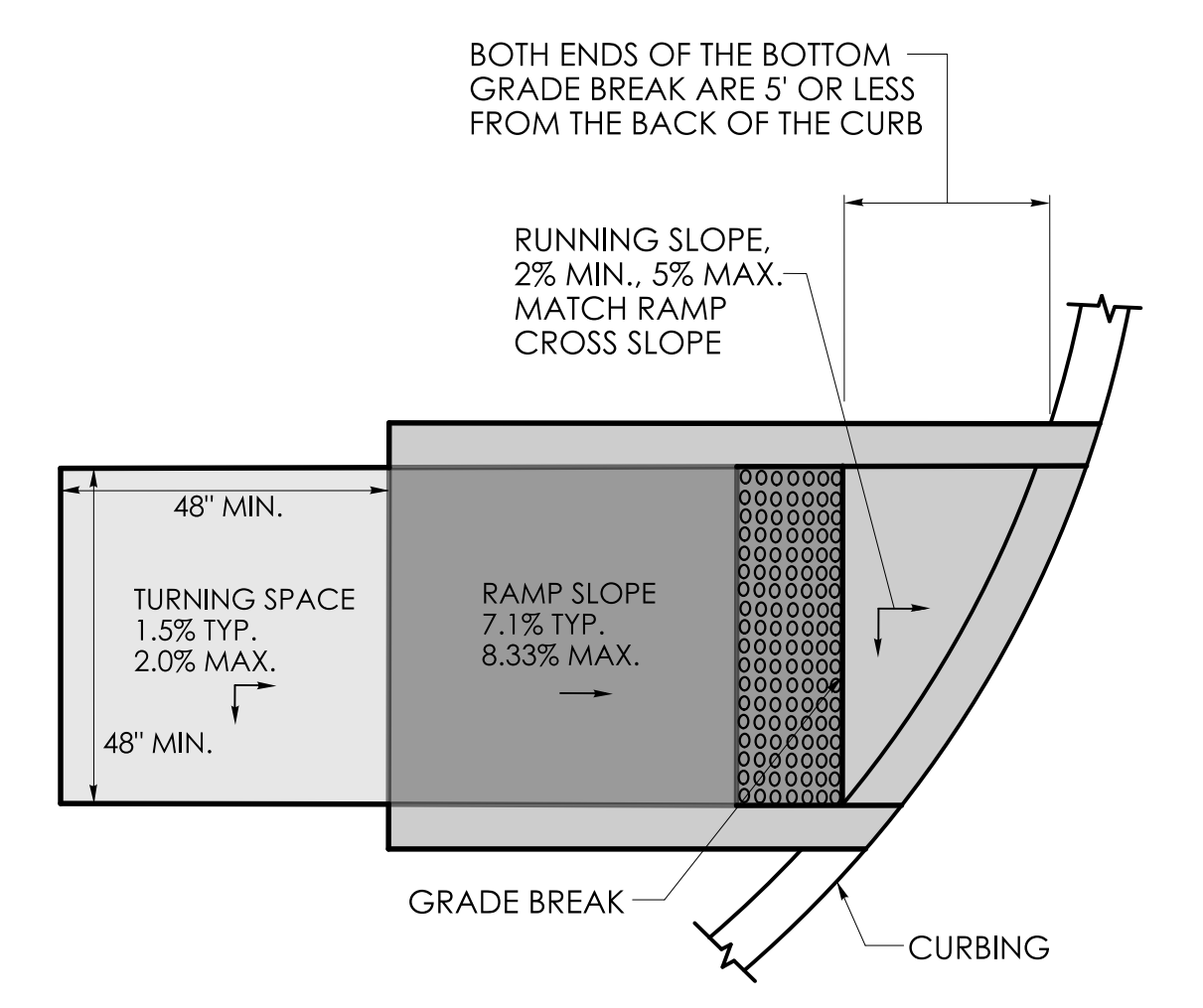
SIDEWALK RAMP GRADE AT ROADWAY CROSS SLOPE OF GREATER THAN 5% GUTTER COUNTER SLOPE

GENERAL NOTES:

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 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.
5. DETECTABLE WARNING SURFACES SHALL BE INSTALLED ON SIDEWALK RAMPS AT PEDESTRIAN STREET CROSSINGS, PEDESTRIAN REFUGE ISLANDS AND RAILROAD CROSSINGS ALONG STREETS OR HIGHWAYS.
6. DETECTABLE WARNING SURFACES SHALL EXTEND 2 FEET MIN. IN THE DIRECTION OF PEDESTRIAN TRAVEL AND SPAN THE ENTIRE RAMP OPENING.
7. ALL GUIDESHEET VALUES COMPLY WITH PROWAG DRAFT 2013 GUIDELINES. UPDATED VALUES WILL BE MADE TO COMPLY WITH PROWAG FINAL RULE ONCE OFFICIALLY THE LAW.
8. CTDOT DESIGN STANDARD USE THE PUBLIC RIGHT-OF-WAY ACCESSIBILITY GUIDELINES (PROWAG) SEE ENGINEERING DIRECTIVE ED-2019-7.
9. CURB RAMPS SHALL BE CONSTRUCTED SO THAT WATER WILL NOT ACCUMULATE WITHIN THE PEDESTRIAN ACCESS ROUTE.



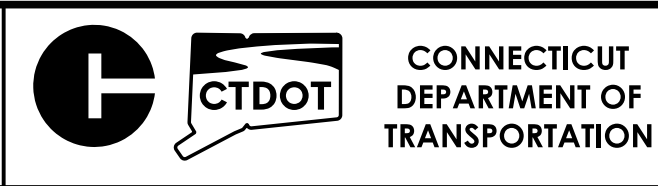
GRADE BREAK GREATER THAN 5' DETECTABLE WARNING SURFACE LOCATION



GRADE BREAK OF 5' OR LESS DETECTABLE WARNING SURFACE LOCATION

REV.	DATE	DESCRIPTION

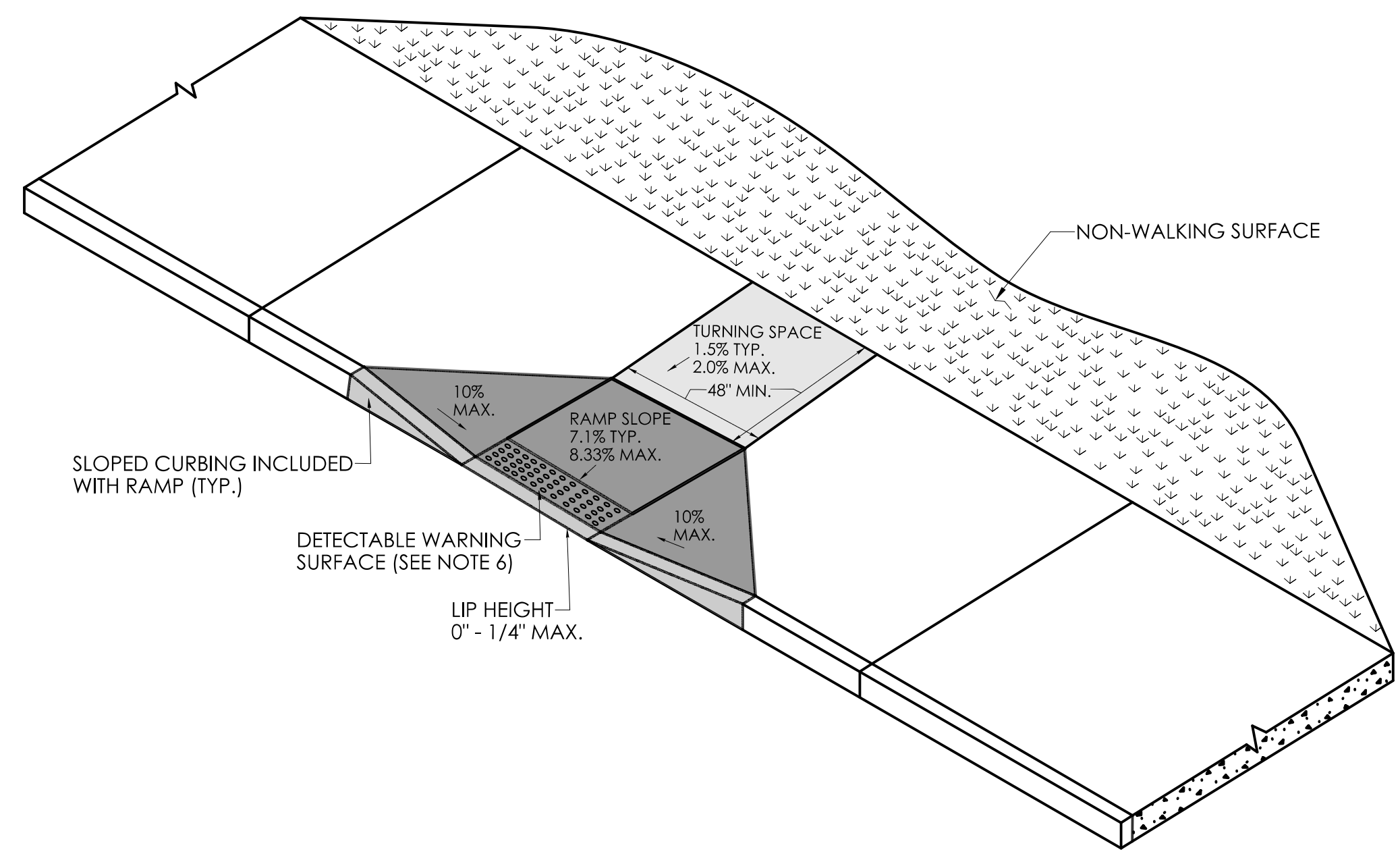
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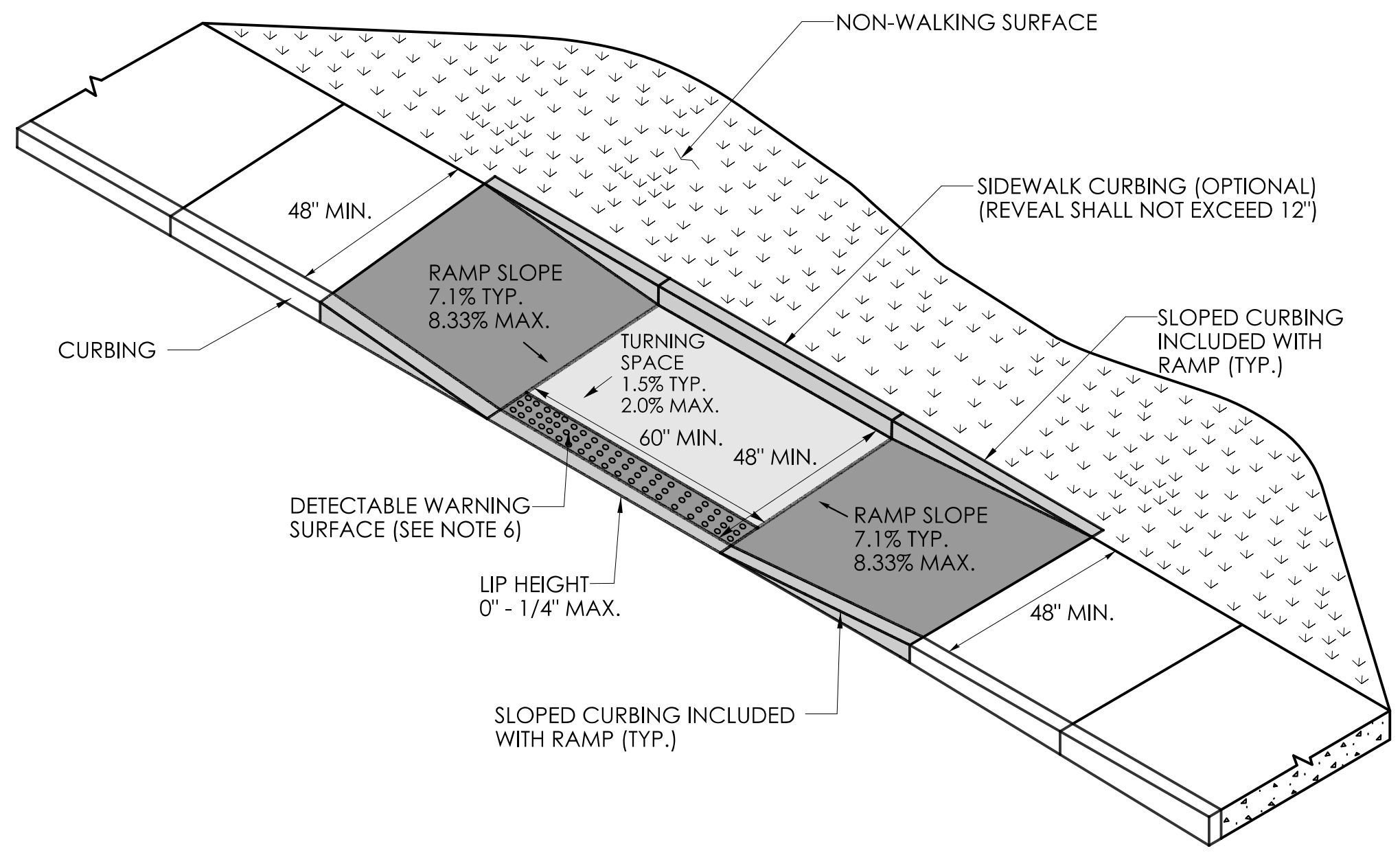
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TOWN(S):	VARIOUS

DRAWING TITLE:	CONCRETE SIDEWALK RAMPS SHEET 1 OF 11
PROJECT NO.:	
DRAWING NO.:	
SHEET NO.:	

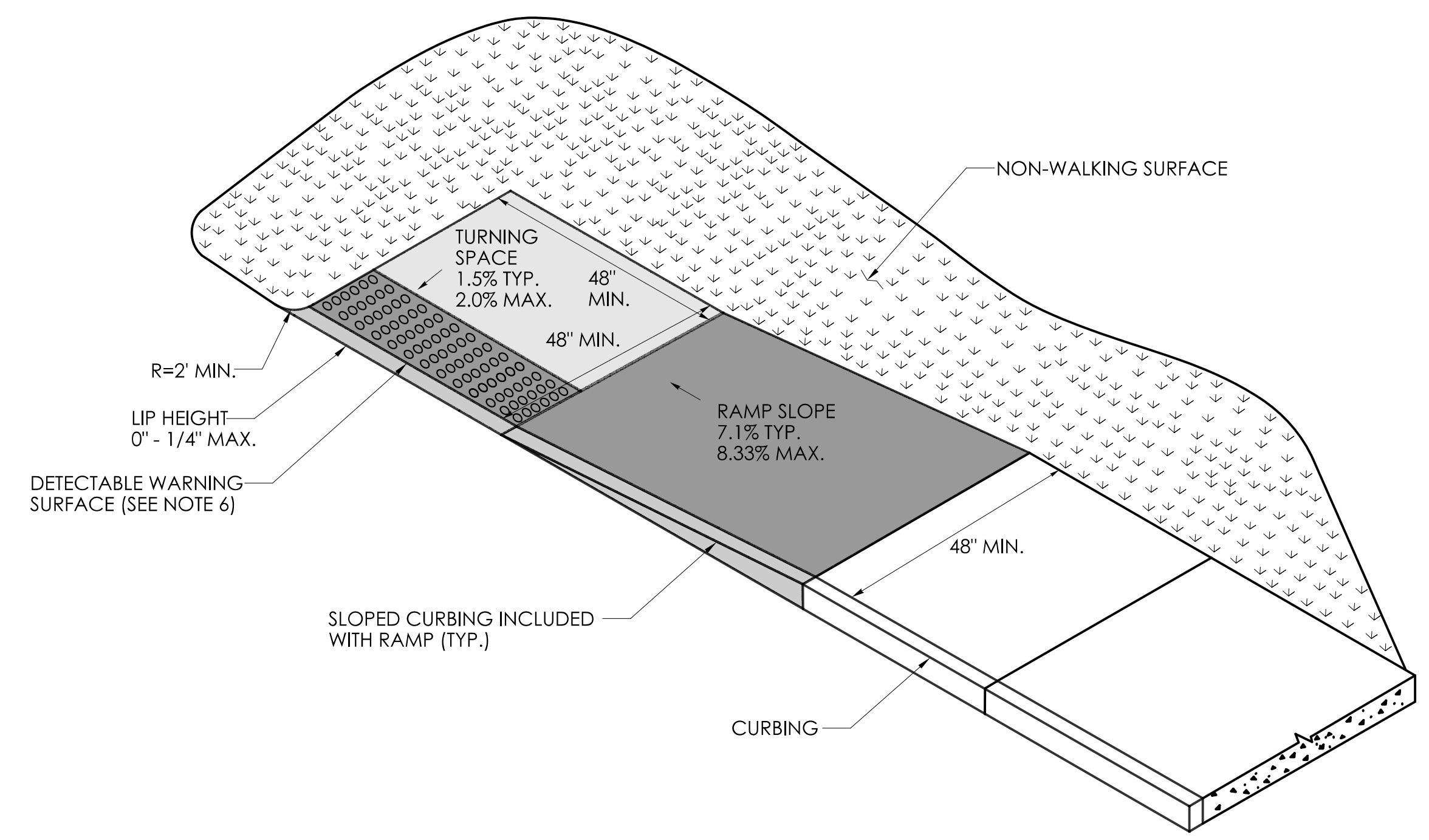
- GENERAL NOTES:**
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 2. VERTICAL SURFACE DISCONTINUITIES AT JOINTS SHALL NOT EXCEED 1/4 INCH.
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 7. ALL GUIDESHEET VALUES COMPLY WITH PROWAG DRAFT 2013 GUIDELINES. UPDATED VALUES WILL BE MADE TO COMPLY WITH PROWAG FINAL RULE ONCE OFFICIALLY THE LAW.
 8. CTDOT DESIGN STANDARD USE THE PUBLIC RIGHT-OF-WAY ACCESSIBILITY GUIDELINES (PROWAG) SEE ENGINEERING DIRECTIVE ED-2019-7.
 9. CURB RAMPS SHALL BE CONSTRUCTED SO THAT WATER WILL NOT ACCUMULATE WITHIN THE PEDESTRIAN ACCESS ROUTE.



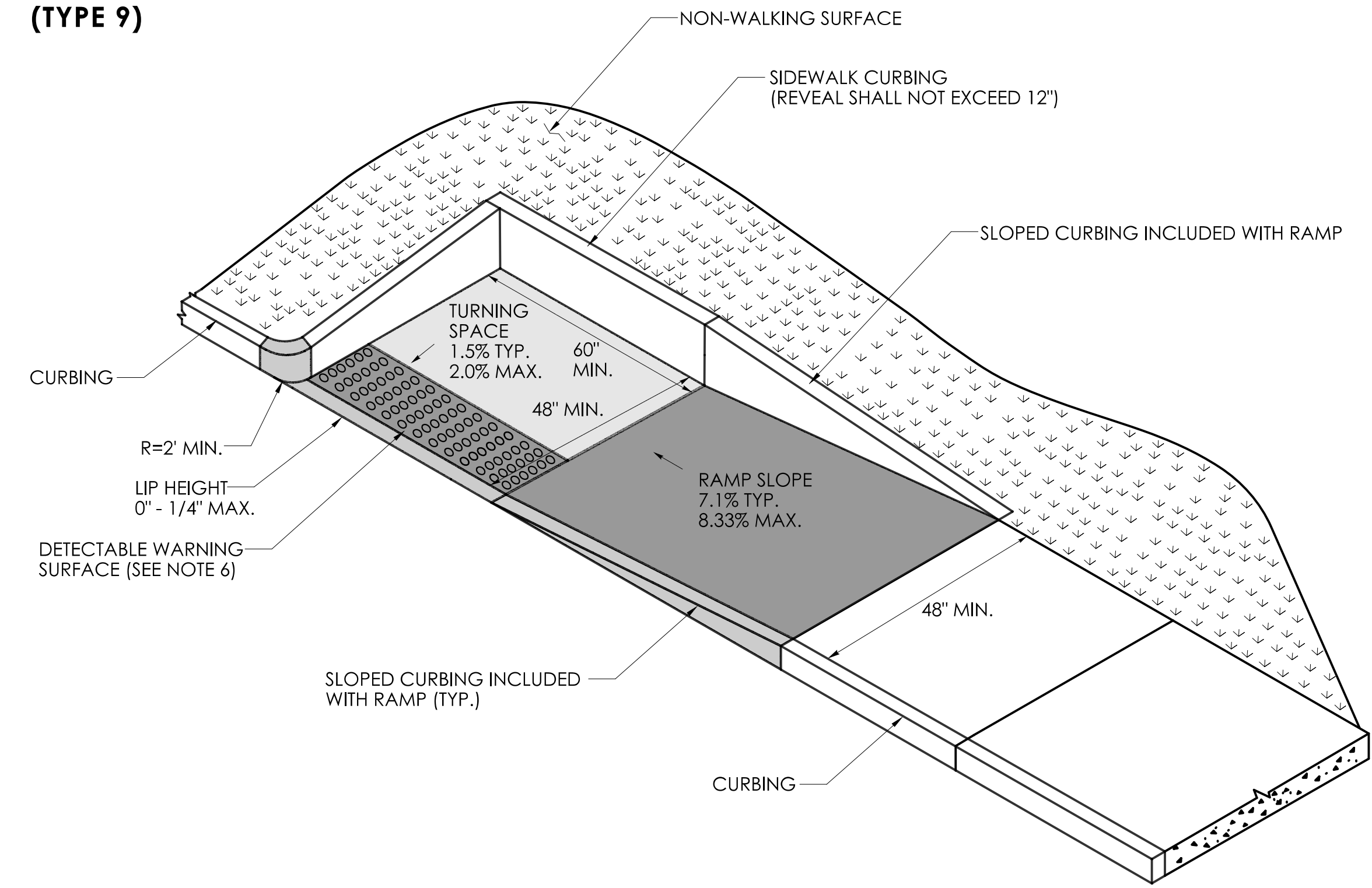
PERPENDICULAR RAMP WITH 48" BY-PASS (TYPE 8)



PARALLEL RAMP WITH TURNING SPACE CONSTRAINED ON TWO (2) OR MORE SIDES (TYPE 9)



PARALLEL RAMP WITH TURNING SPACE CONSTRAINED ON ONE SIDE (TYPE 10a)



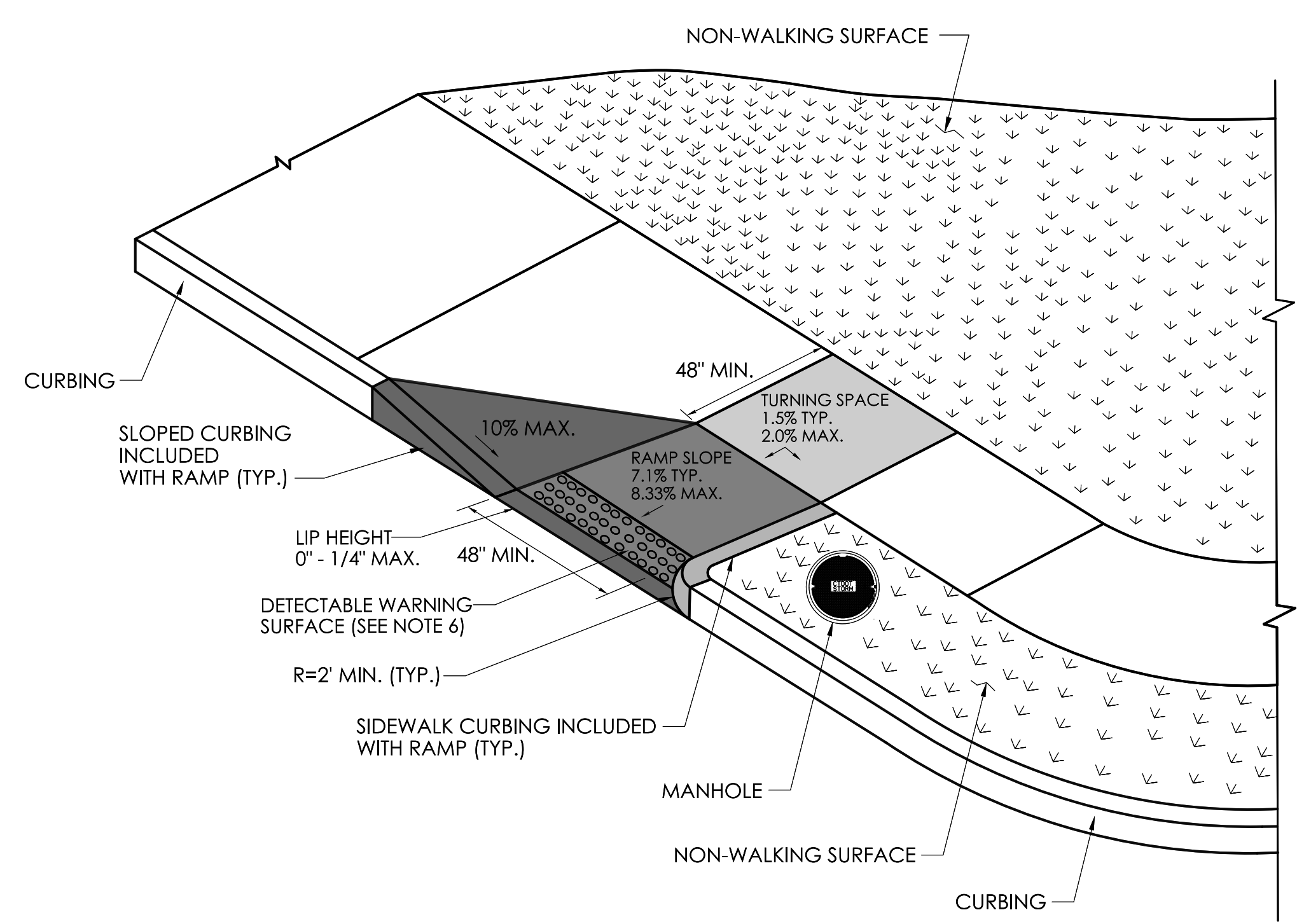
PARALLEL RAMP WITH TURNING SPACE CONSTRAINED ON TWO (2) OR MORE SIDES (TYPE 10b)

REV.	DATE	DESCRIPTION

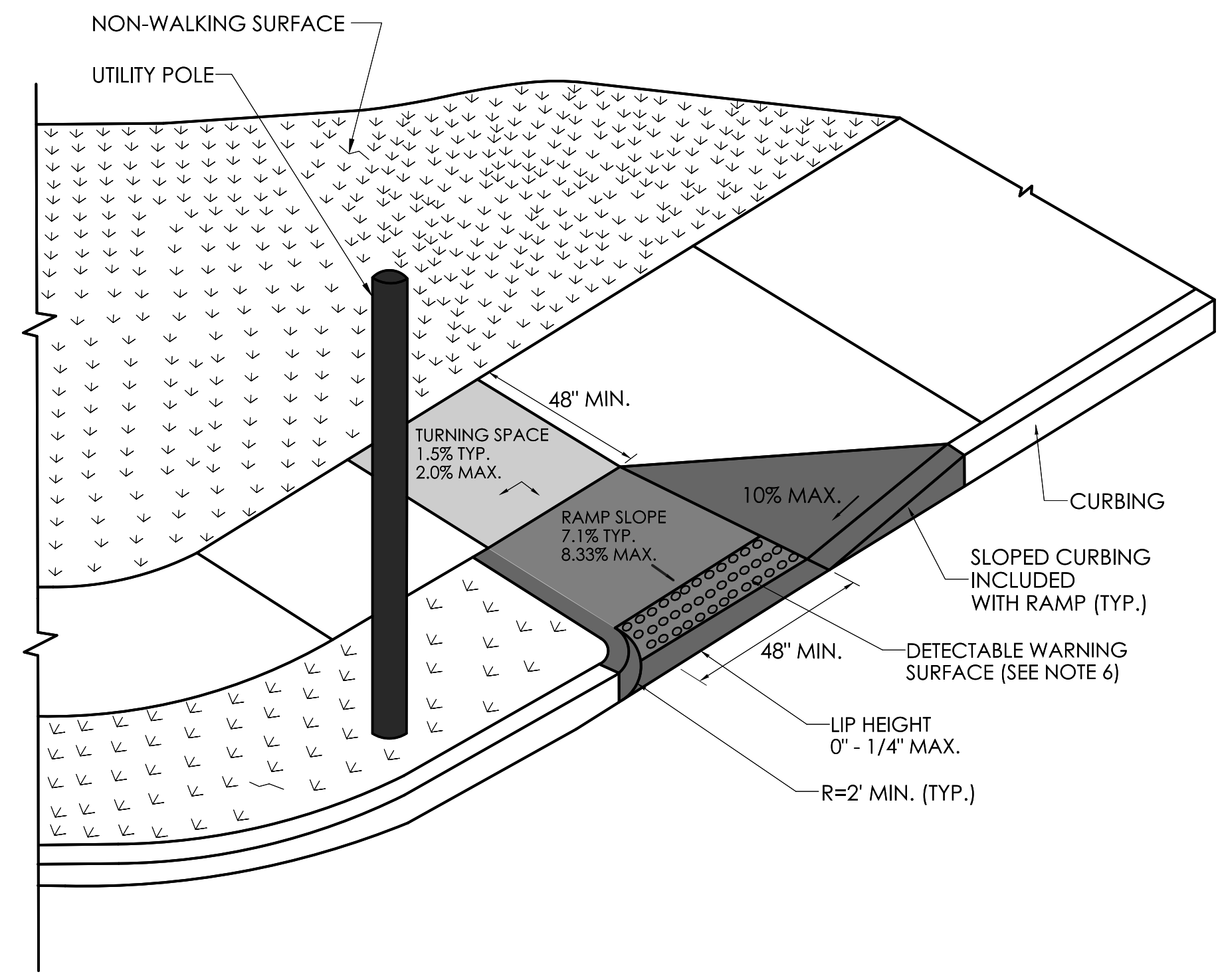
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DESIGNER/DRAFTER:		CHECKED BY:						SHEET NO.:	

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 PLOTTED DATE: 10/30/2024

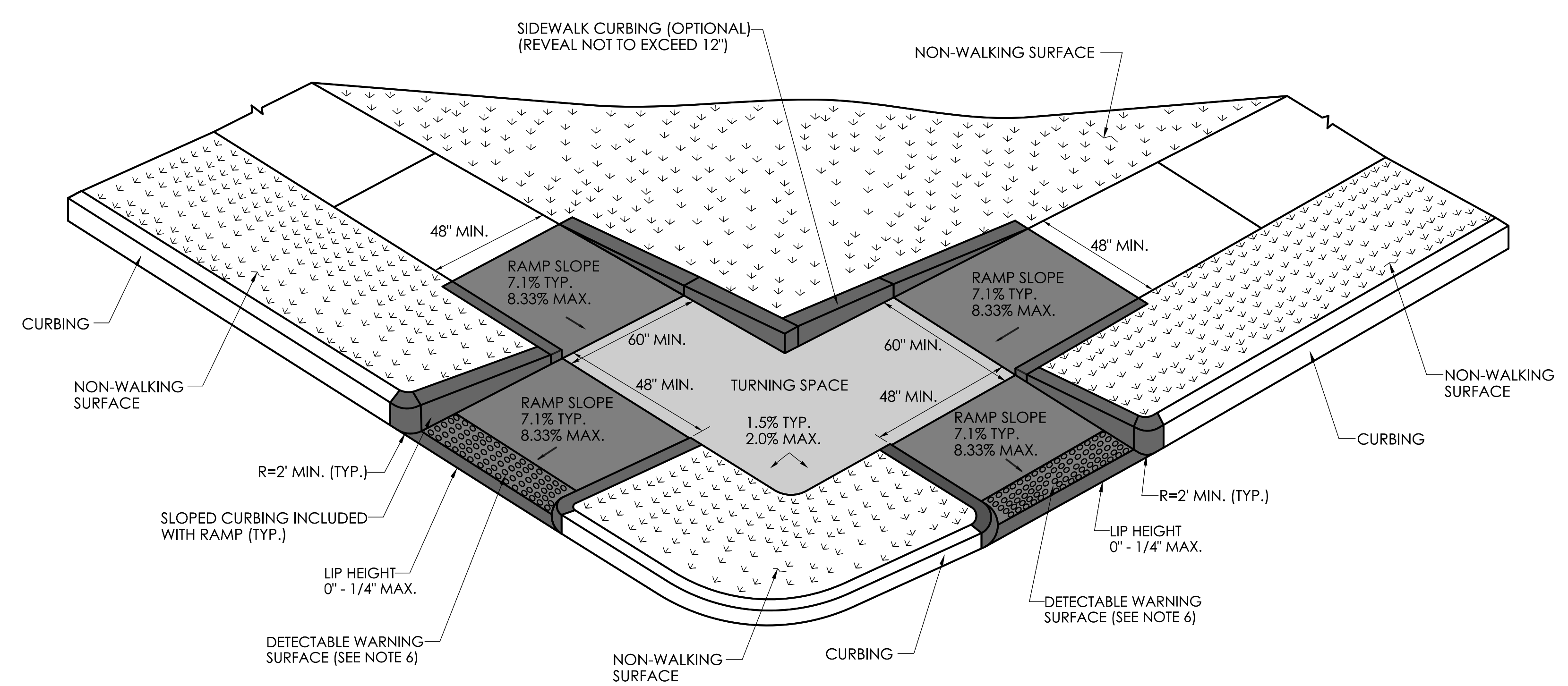
- GENERAL NOTES:**
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PERPENDICULAR RAMP WITH NON-WALKING SURFACE (TYPE 18 LEFT)



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



PERPENDICULAR RAMP WITH NON-WALKING SURFACE (TYPE 19)

REV.	DATE	REVISION DESCRIPTION

SIGNATURE BLOCK:	CONNECTICUT DEPARTMENT OF TRANSPORTATION	PROJECT TITLE:	TOWN(S):	DRAWING TITLE:	PROJECT NO.:	DRAWING NO.:
DESIGNER/DRAFTER:		CHECKED BY:	TEST PROJECT	VARIOUS	CONCRETE SIDEWALK RAMPS SHEET 7 OF 11	