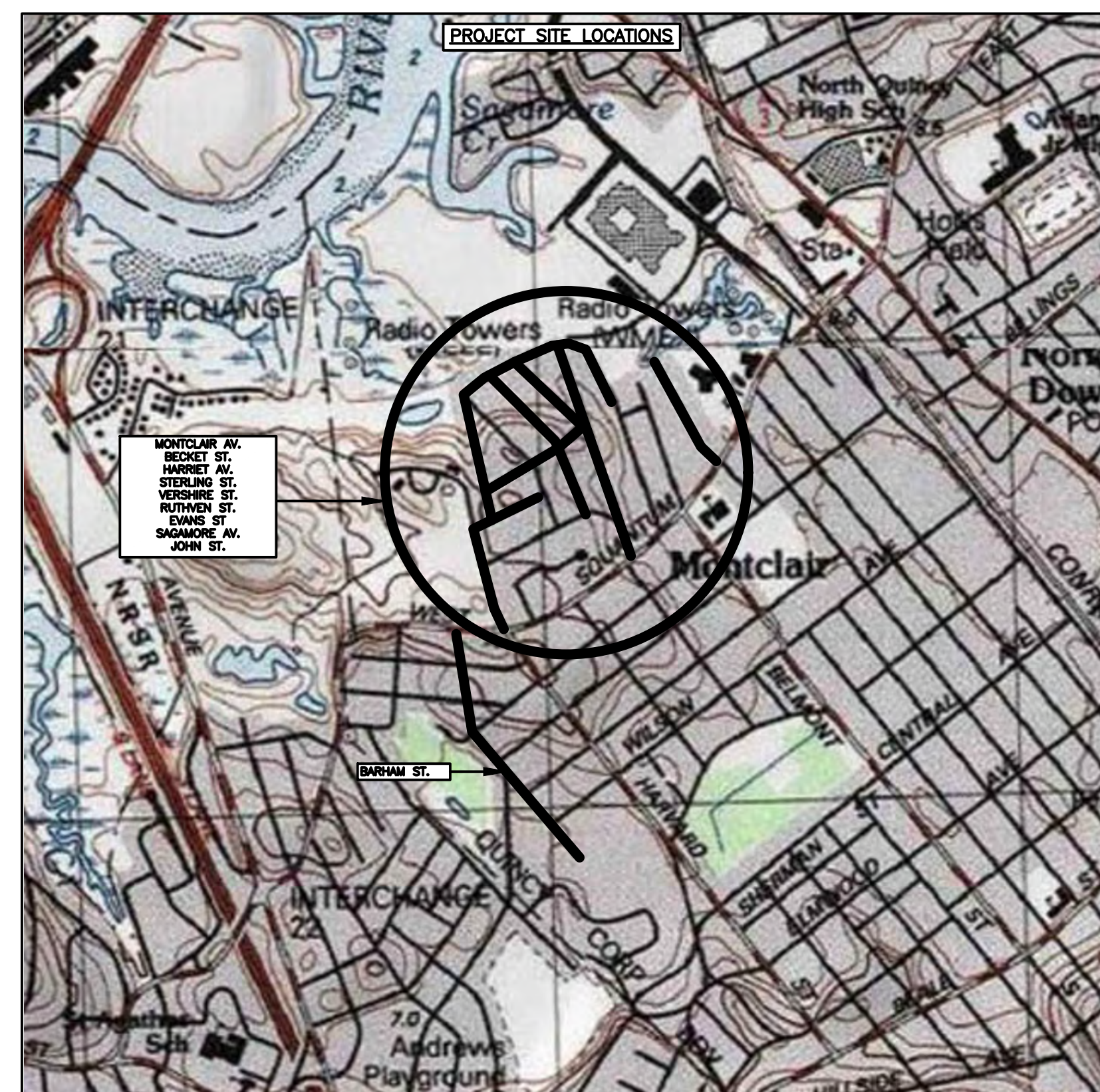


CITY OF QUINCY
DEPARTMENT OF PUBLIC WORKS
ROAD IMPROVEMENTS 2022
CONTRACT 1

DRAWING INDEX

DWG. NO.	DESCRIPTION
1	COVER SHEET
2	LEGEND & GENERAL NOTES
3	DETAILS
4	DETAILS
5	CONSTRUCTION PLAN - MONTCLAIR AVENUE & BECKET STREET
6	CONSTRUCTION PLAN - HARRIET AVENUE
7	CONSTRUCTION PLAN - STERLING STREET
8	CONSTRUCTION PLAN - VERSHIRE STREET
9	CONSTRUCTION PLAN - RUTHVEN STREET EVANS STREET
10	CONSTRUCTION PLAN - SAGAMORE AVENUE
11	CONSTRUCTION PLAN - JOHN STREET
12	CONSTRUCTION PLAN - BARHAM STREET



LOCUS MAP

THE HONORABLE THOMAS P. KOCH, MAYOR

DEPT OF PUBLIC WORKS

ALFRED J. GRAZIOSO, COMMISSIONER

ENGINEERING DEPARTMENT

PAUL G. COSTELLO P.E., CITY ENGINEER

GENERAL SYMBOLS

EXISTING	PROPOSED	
		CATCH BASIN
		CATCH BASIN WITH CURB INLET
		CURB-TYPE NOTED
		EDGE OF ROAD
		ELECTRIC HAND HOLE
		ELECTRIC MANHOLE
		TELEPHONE MANHOLE
		SEWER MANHOLE
		WATER MANHOLE
		DRAINAGE MANHOLE
		GAS GATE VALVE
		WATER GATE VALVE
		WATER SHUTOFF
		GAS SHUTOFF
		HYDRANT
		FIRE ALARM BOX
		STREET LIGHT
		UTILITY POLE
		GUY POLE
		DRAIN PIPE (SIZE AND TYPE NOTED)
		SEWER MAIN
		ELECTRIC DUCT
		ELECTRIC DUCT W/ TRAFFIC INTERCONNECT CONDUIT ABOVE
		GAS MAIN
		WATER MAIN (SIZE AND TYPE NOTED)
		TELEPHONE DUCT
		FIRE ALARM
		CABLE TV
		HIGHWAY GUARD (TYPE NOTED)
		HIGHWAY / PROPERTY BOUND (TYPE NOTED)
		CONSTRUCTION BASELINE
		WHEELCHAIR RAMP
		TREE /CUT & REMOVE TREE ROOT
		STUMP
		MAIL BOX
		METER BOX
		GAS BOX
		DRAIN CLEANOUT
		SEWER CLEANOUT

PAVEMENT MARKINGS SYMBOLS

EXISTING	PROPOSED	
		PAVEMENT ARROW AND LEGEND
		CROSSWALK
		STOP LINE, 300mm WHITE LINE 1.2m BEHIND CW (TYP.)
		SIGN AND POST
		SIGN MTD ON LIGHT POST
		SOLID WHITE LANE LINE - 100mm
		BROKEN WHITE LANE LINE - 100mm
		BROKEN YELLOW CENTERLINE - 100mm
		DOUBLE YELLOW CENTERLINE - 2-100mm LINES
		SOLID YELLOW BARRIER LINE - 100mm
		SOLID YELLOW EDGE LINE - 100mm
		SOLID WHITE EDGE LINE - 100mm

SIGNAL SYMBOLS

EXISTING	PROPOSED	
		CONTROL CABINET GROUND MOUNTED
		CONTROL CABINET POLE MOUNTED
		FLASHING BEACON CONTROL & METER PEDESTAL
		SIGNAL POST & BASE
		MAST ARM, SHAFT & BASE (ARM LENGTH AS NOTED)
		VEHICULAR SIGNAL HEAD (ALPHANUMERIC DESIGNATION NOTED)
		VEHICULAR SIGNAL HEAD OPTICALLY PROGRAMMED (DO)
		FLASHING BEACON
		PEDESTRIAN SIGNAL HEAD
		PULL BOX 24 X 24
		CONTROLLER PHASE
		LOOP DETECTOR
		PEDESTRIAN PUSH BUTTON
		TRAFFIC SIGNAL

ABBREVIATIONS

ABD.	ABANDON
ADJ.	ADJUST
BIT. CONC.	BITUMINOUS CONCRETE
BLDG.	BUILDING
CEM. CONC.	CEMENT CONCRETE
CW	CROSS WALK
DW	DRIVEWAY
EXIST.	EXISTING
FDN.	FOUNDATION
GRAN.	GRANITE
L.O.W.	LIMIT OF WORK
MHWY.	MASS HIGHWAY
N.I.C.	NOT IN CONTRACT
N.T.S.	NOT TO SCALE
PROP.	PROPOSED
R & R	REMOVE AND RESET
R & S	REMOVE AND STACK
RECONSTR.	RECONSTRUCTION
RELOC.	RELOCATE
REM.	REMOVE
REMOD.	REMODEL
RET.	RETAIN
REPL.	REPLACE
SW	SIDEWALK
WCR	WHEELCHAIR RAMP

CONSTRUCTION NOTES:

1. THE CONTRACTOR SHALL NOT INSTALL ANY TOP COURSE OF PAVEMENT WITHOUT FIRST APPLYING BITUMEN FOR TACK/PRIME COAT AS SPECIFIED AND DIRECTED BY THE ENGINEER AND AS NOTED IN THE DIVISION TWO-TECHNICAL SPECIFICATION SECTION. HOT POURED RUBBERIZED ASPHALT SEALANT SHALL ALSO BE APPLIED TO LONGITUDINAL AND TRANSVERSE JOINTS AS PER THE MHWY STANDARD SPECIFICATIONS, SECTION 460. THE SEALANT SHALL BE CONSIDERED INCIDENTAL TO ALL CLASS I BITUMINOUS CONCRETE PAVEMENTS OF SAID SECTION.
2. LOCATIONS OF M.H., G.G., W.G., ETC. ARE APPROXIMATE & SHOWN ONLY AS AN AID TO ASSIST BIDDERS IN DETERMINING EXACT LOCATION OF EXISTING UTILITIES & SUBSURFACE STRUCTURES, THEREFORE EXACT LOCATION AND COMPLETENESS IS NOT GUARANTEED. THE CONTRACTOR IS RESPONSIBLE FOR MAKING FIELD INVESTIGATIONS & OBTAINING INFORMATION FROM UTILITY COMPANIES & INDIVIDUALS TO PINPOINT THE LOCATION & ELEVATIONS OF ALL SUBSURFACE UTILITIES & STRUCTURES PRIOR TO THE START OF CONSTRUCTION.
3. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PERFORM ALL WORK AS INDICATED ON THE DRAWINGS, IN THE SPECIFICATIONS & AS DIRECTED BY THE ENGINEER IN CONFORMANCE WITH ALL APPLICABLE CODES IN A PROPER AND WORKMANLIKE MANNER.
4. THE CONTRACTOR SHALL OBSERVE OSHA STANDARD FOR SAFETY.
5. WHERE THE EXISTING SIDEWALK IS TO BE REMOVED AS IT ABUTS A WALL, BUILDING FACE, OR ANY OTHER EXISTING FEATURE, EXTREME CARE SHALL BE EXERCISED BY THE CONTRACTOR, AND ANY DAMAGE RESULTING SHALL BE REPAIRED TO THE SATISFACTION OF THE ENGINEER AT THE CONTRACTOR'S EXPENSE.
6. ADJUSTMENT OR REMOVAL OF GAS, TEL. & ELEC. STRUCTURES SHALL BE BY OTHERS. ALL DRAIN AND SEWER MANHOLES, WATER GATES & OTHER MUNICIPAL & STATE OWNED UTILITY BOXES OR STRUCTURES WITHIN THE CONSTRUCTION AREA SHALL BE ADJUSTED TO MEET NEW GRADE BY THE CONTRACTOR UNLESS OTHERWISE NOTED.
7. DUE TO THE EXISTENCE OF SENSITIVE UTILITIES SUCH AS ELECTRICAL CONDUITS AND TELEPHONE FIBER OPTIC CABLES, EXTREME CAUTION MUST BE TAKEN WHENEVER TRENCHING.
8. THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE FACT THAT, FROM TIME TO TIME, OTHER PARTIES MAY BE WORKING IN THE CONTRACTOR'S WORK AREA. THE CONTRACTOR SHALL COORDINATE & COOPERATE WITH OTHER PARTIES WORKING CONCURRENTLY IN THE PROJECT AREA, INCLUDING WORK INSTALLING, REMOVING & REPLACING EXISTING ELECTRIC, TELEPHONE, GAS & CABLE TELEVISION LINES.
9. EXISTING ACTIVITIES MUST BE MAINTAINED BY THE CONTRACTOR AT ALL TIMES, INCLUDING: VEHICULAR TRAFFIC, PEDESTRIAN MOVEMENT, PARKING AND BUSINESS ACTIVITIES.
10. WHERE UTILITIES (CONDUIT, DRAIN PIPE, ETC.) ARE SHOWN INSTALLED OUTSIDE OF THE PAVEMENT LIMITS, THE SURFACE SHALL BE PERMANENTLY RESTORED AS SHOWN IN THE DETAILS.
11. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO POST ALL TEMPORARY "NO PARKING" SIGNS FOR THE CONVENIENCE OF CONSTRUCTION ACTIVITY. EXPENSES FOR TOWING SHALL BE THE CONTRACTOR'S RESPONSIBILITY AT LOCATIONS WHERE "NO PARKING" SIGNS HAVE NOT BEEN POSTED.
12. ALL ELEVATIONS REFERENCED ARE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).

CITY OF QUINCY
55 SEA STREET
QUINCY, MASSACHUSETTS

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REV	DESCRIPTION	DATE

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DRAWN BY: NBS

LEGEND

CITY OF QUINCY, MASSACHUSETTS
DEPARTMENT OF PUBLIC WORKS
55 SEA STREET, QUINCY, MA

ROAD IMPROVEMENTS 2022
CONTRACT 1

JOB NO.:
DATE: JANUARY 2022
SCALE: 1" = 40'
SHEET:

2 OF 12

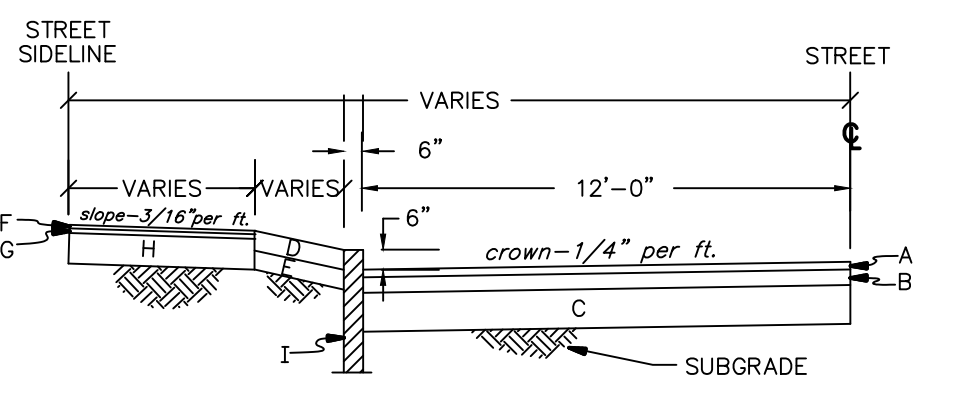
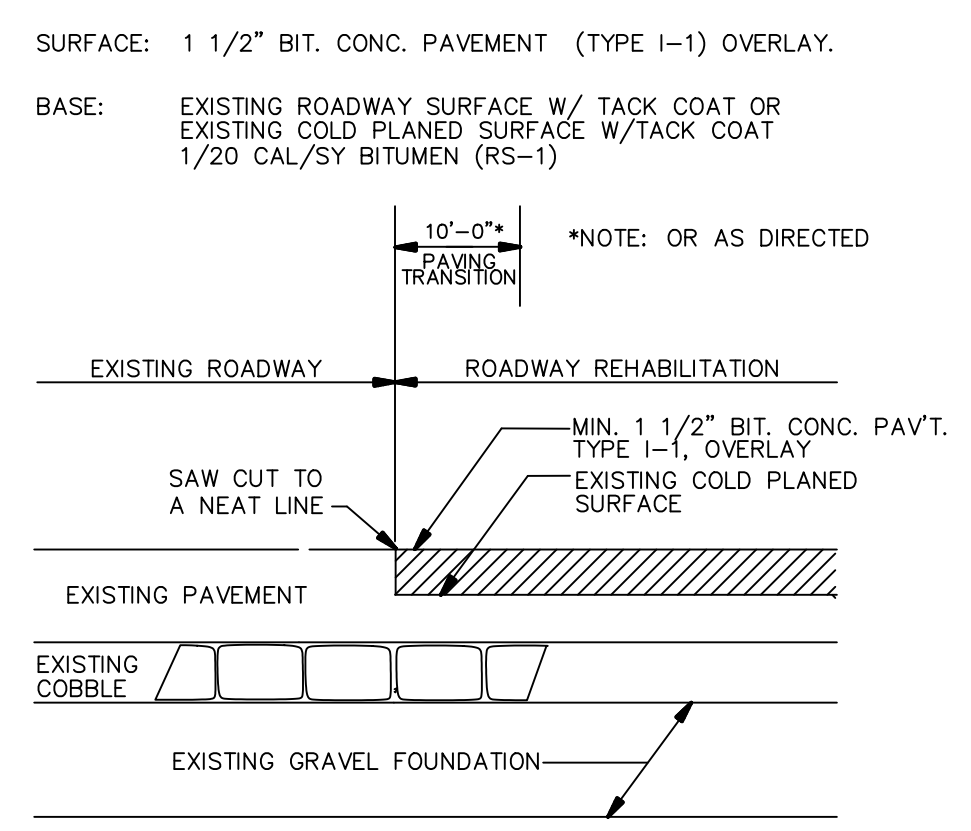
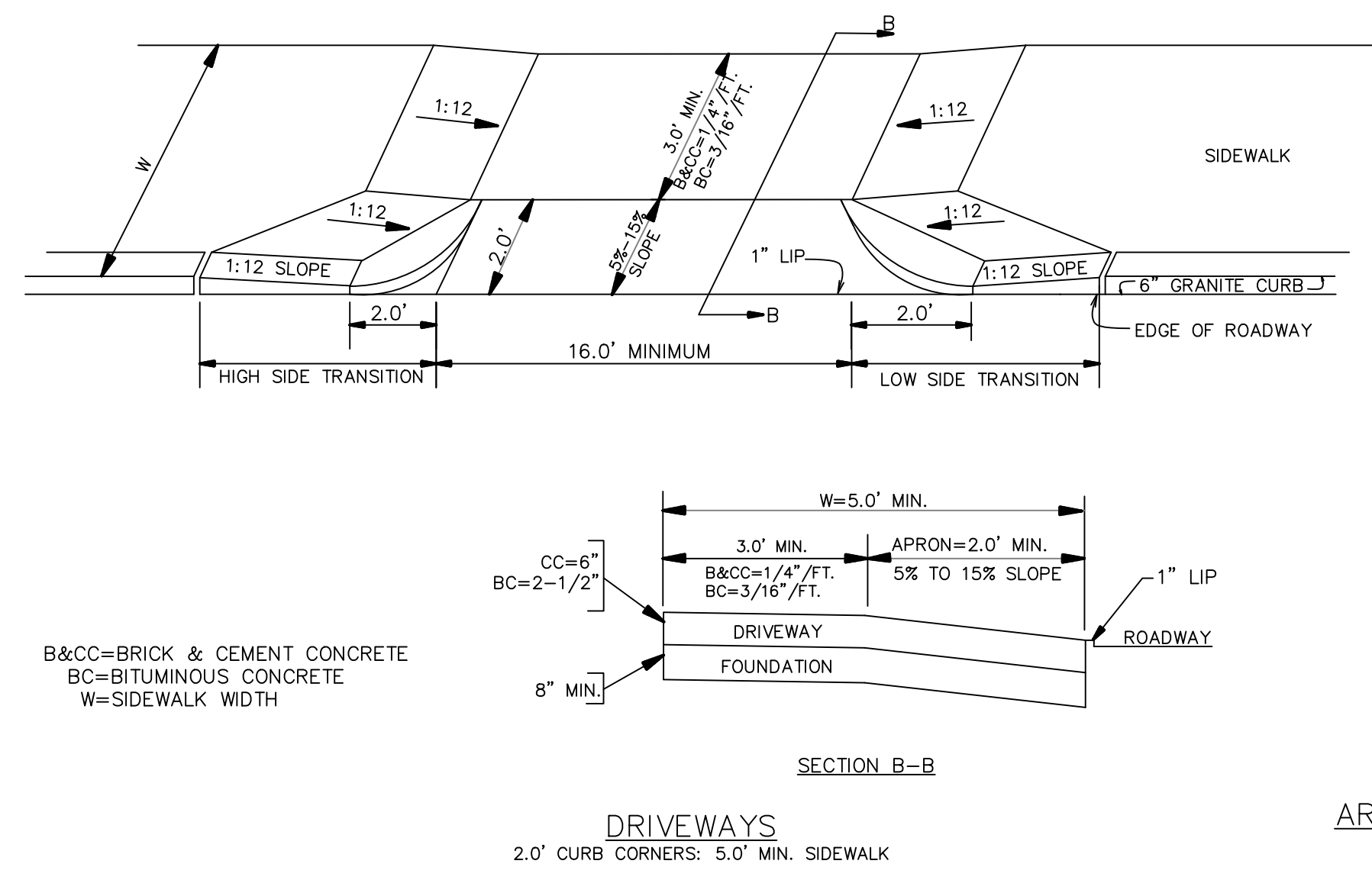
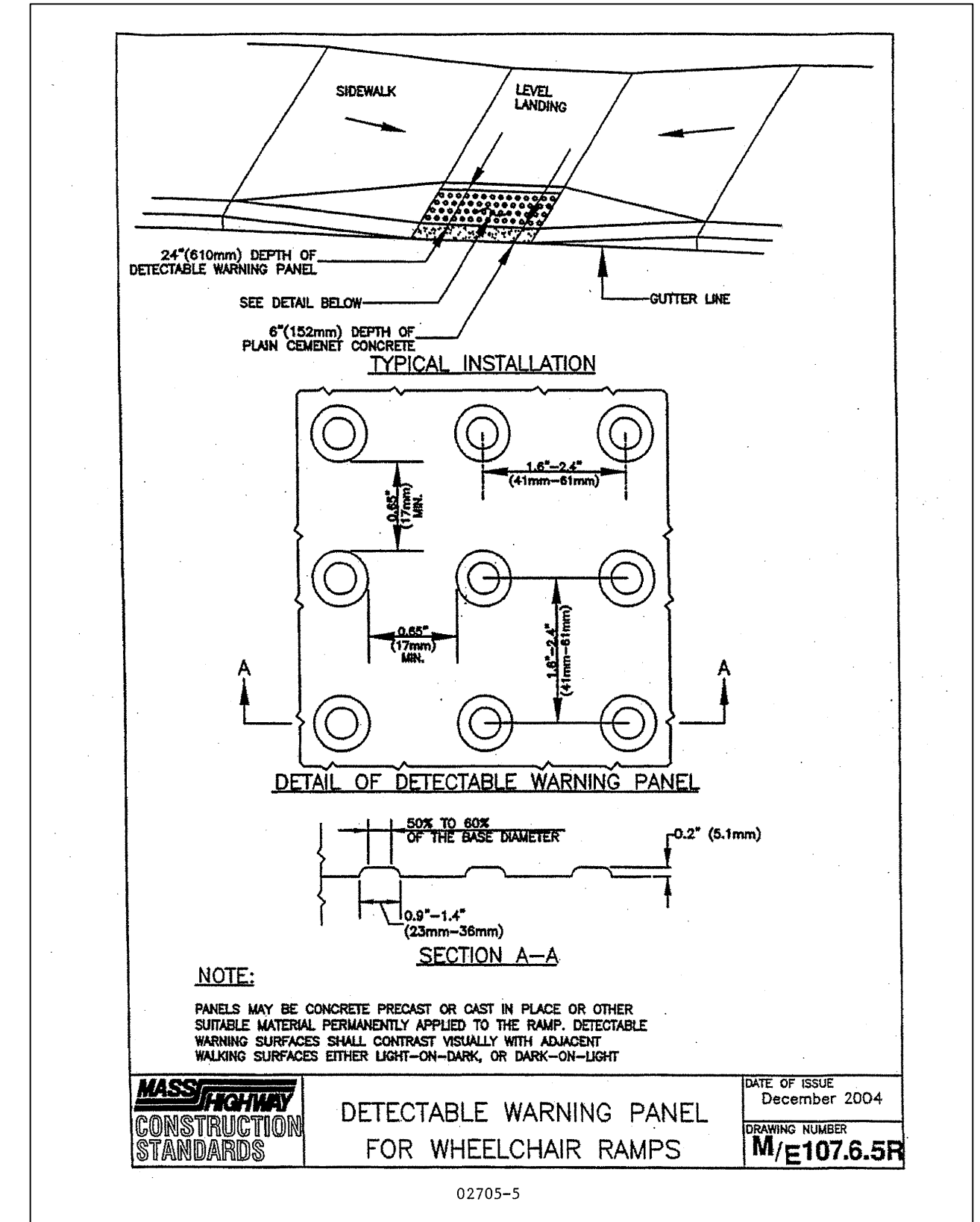
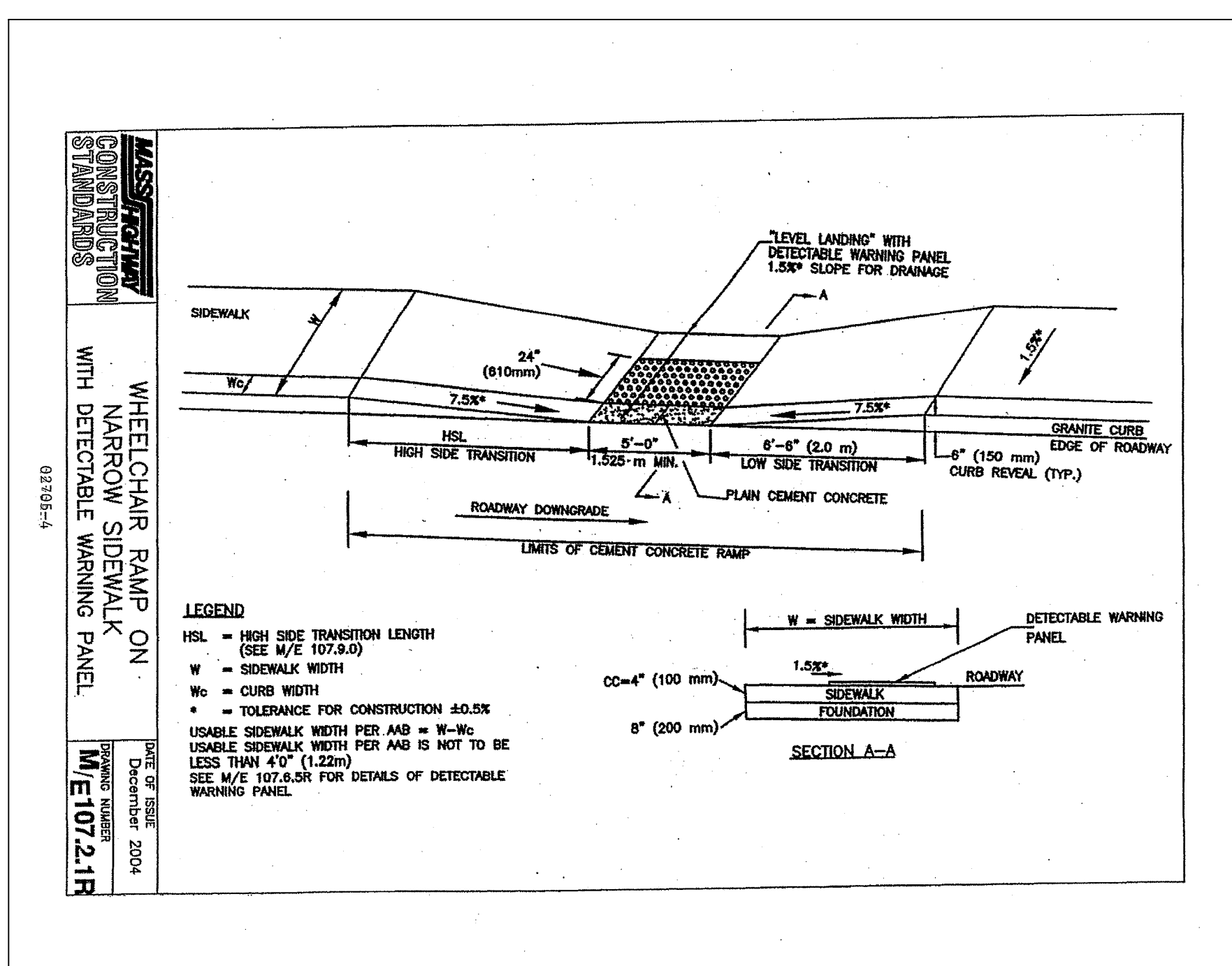
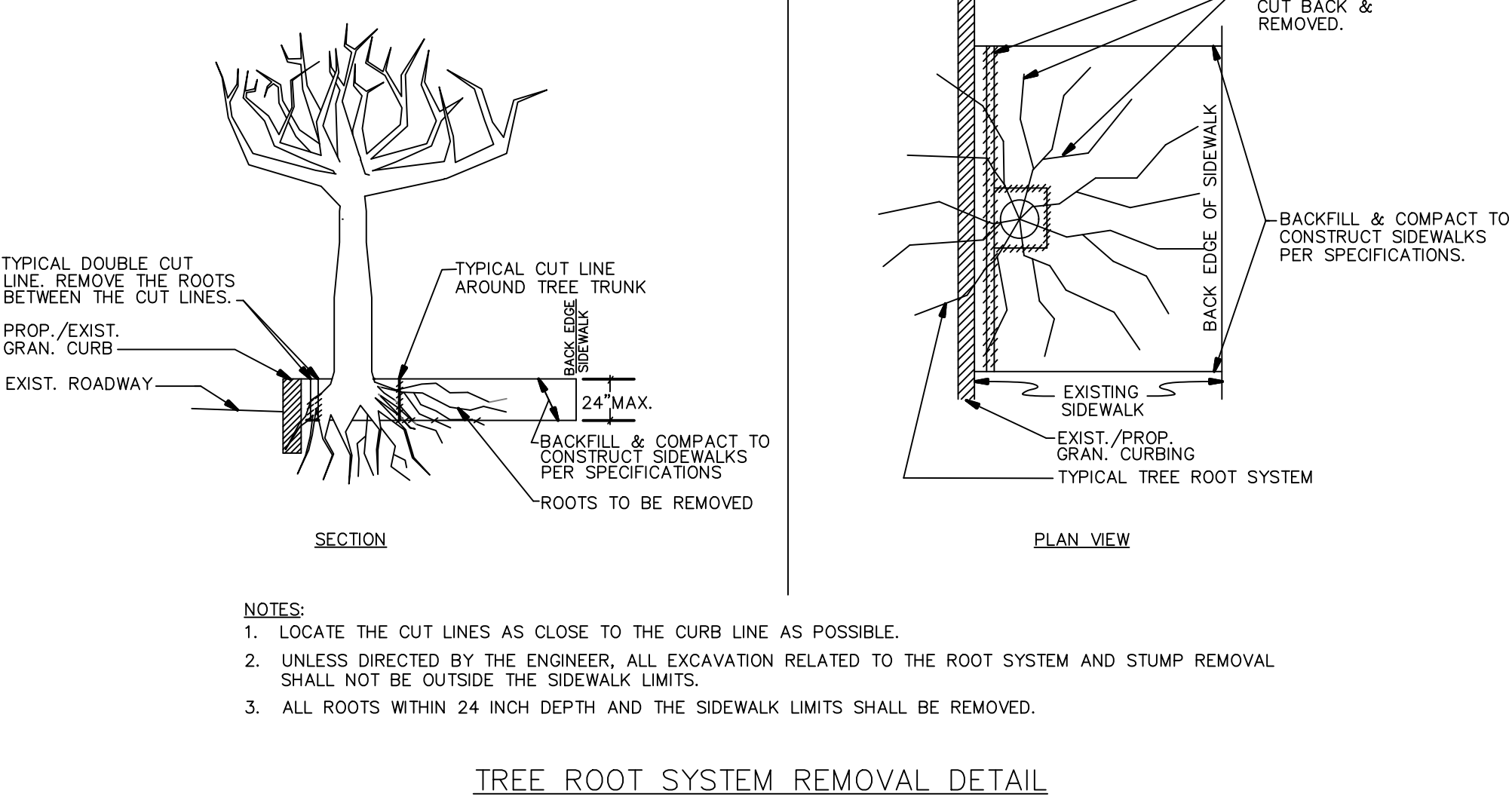
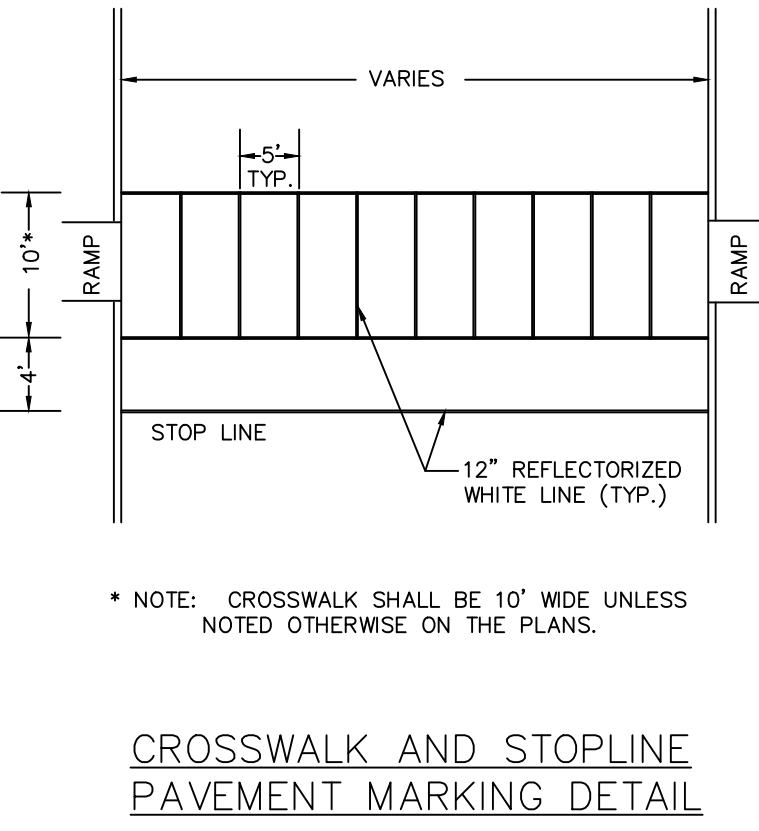
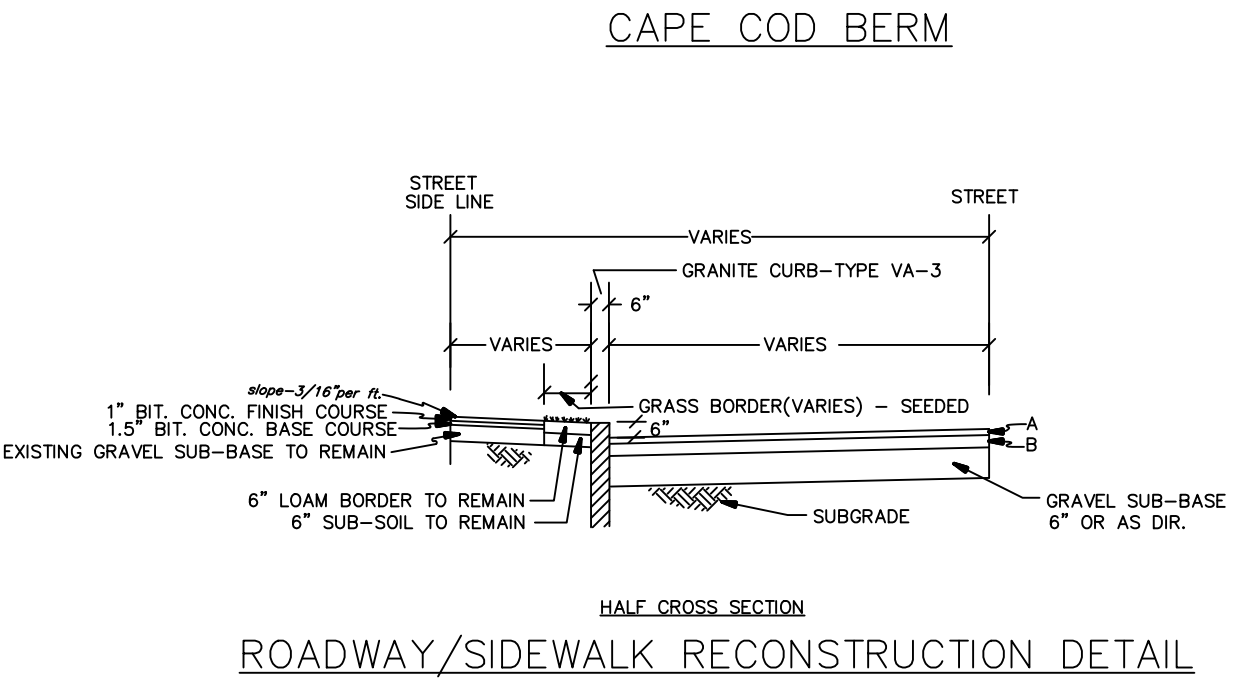
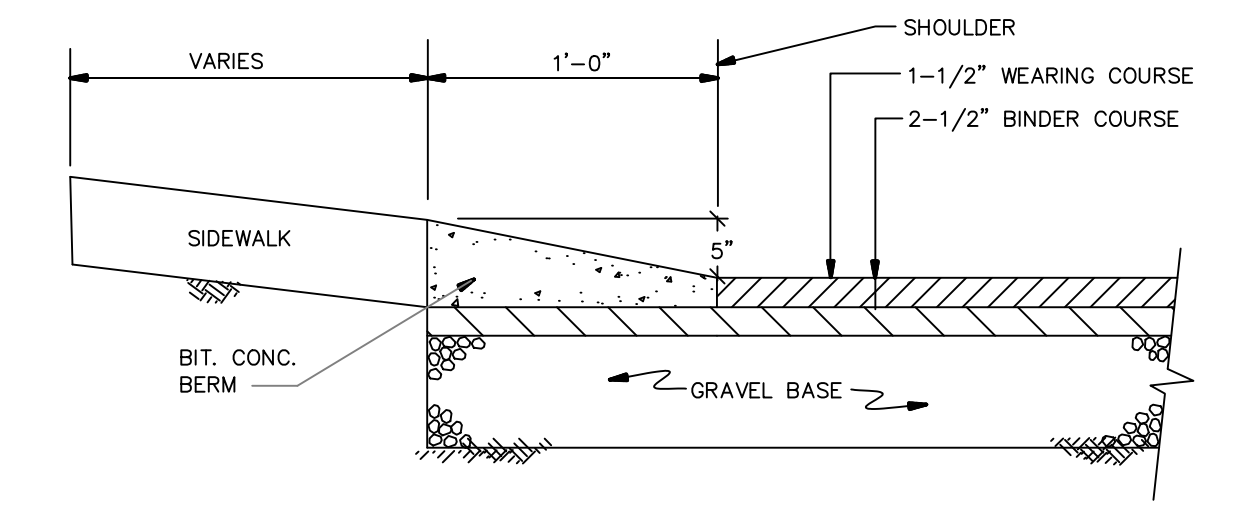
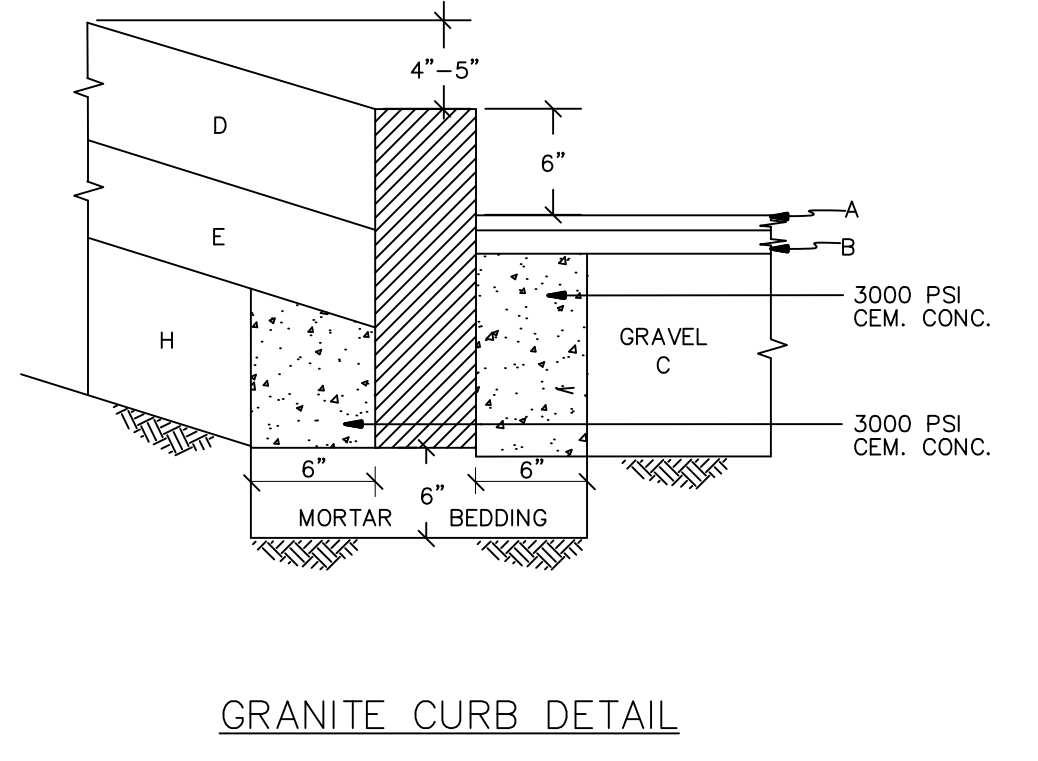
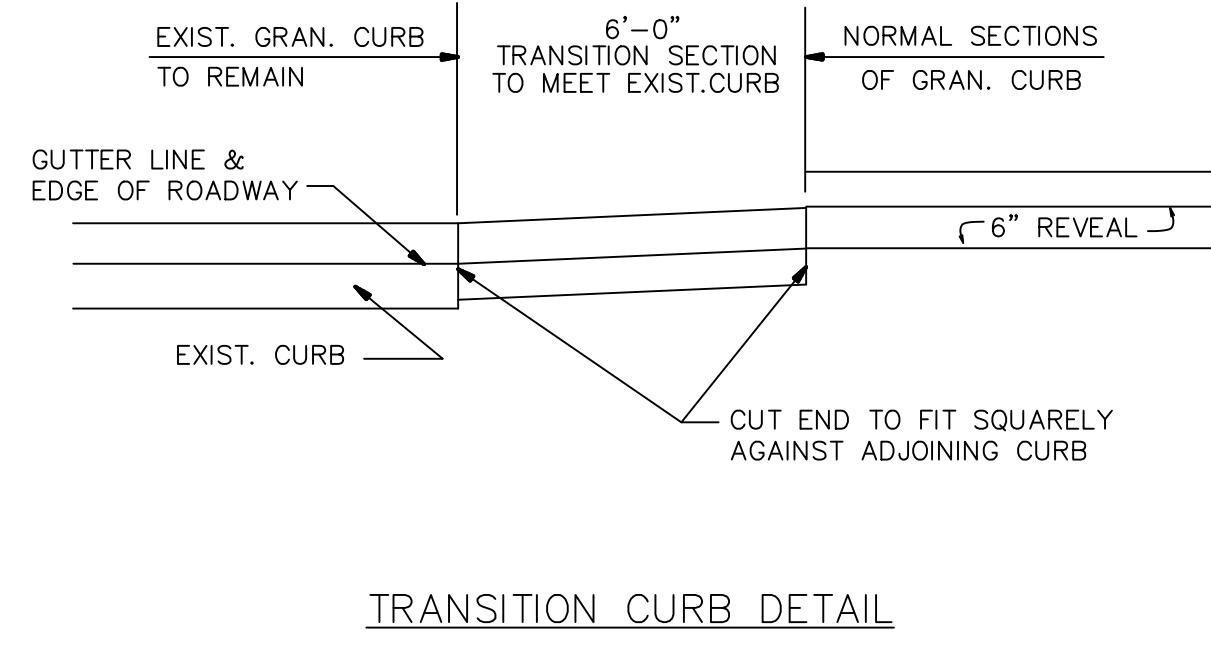
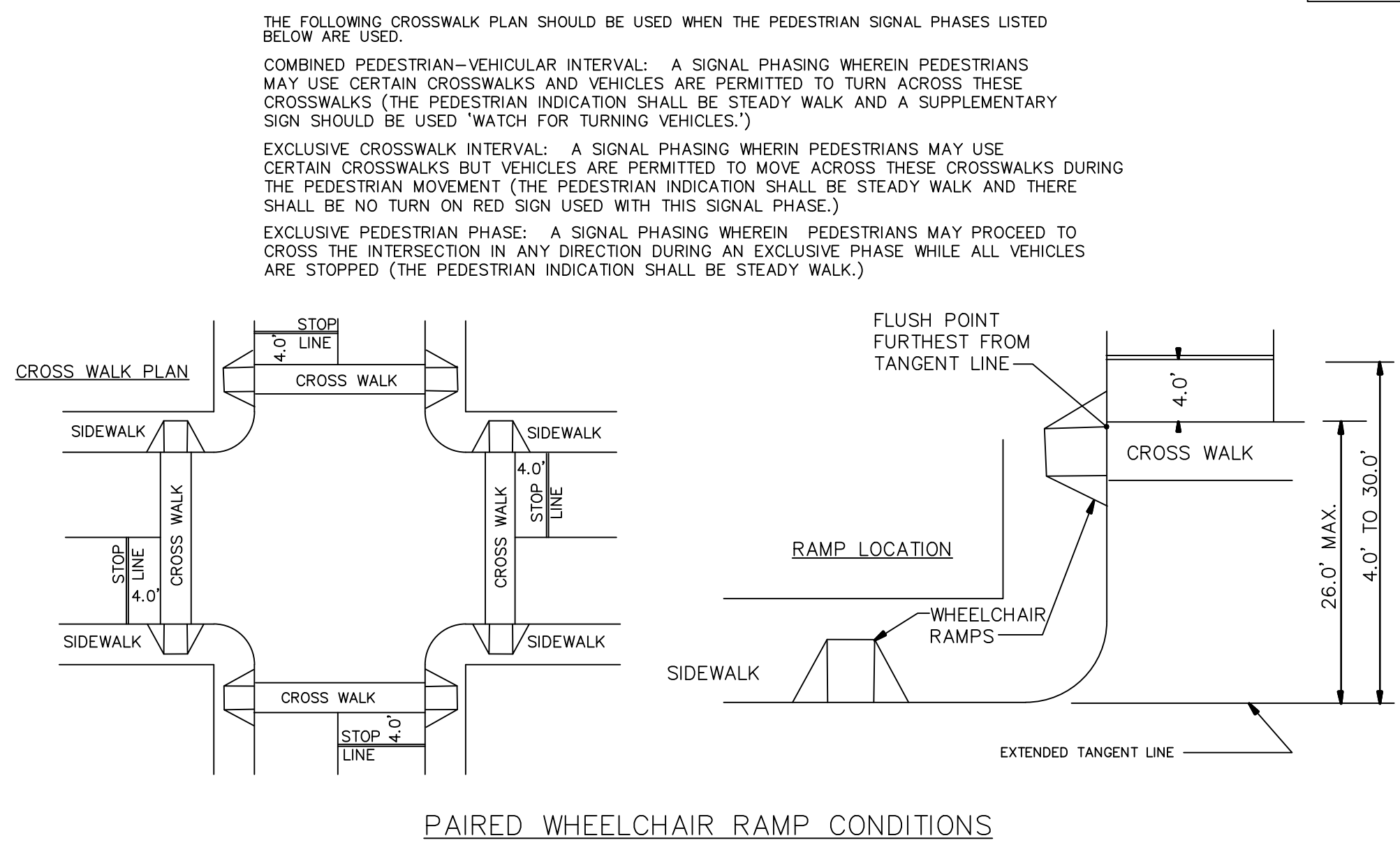


TABLE 2 - PAVEMENT STRUCTURE MINIMUM REQUIREMENTS

Layer	Material	Thickness
A	FINISH COURSE (BIT)	1 1/2"
B	BASE COURSE (BIT)	2 1/2"
C	GRAVEL SUB-BASE	12"
D	LOAM BORDER	6"
E	SUB-SOIL	6"
F	FINISH COURSE (BIT)	1"
G	BASE COURSE (BIT)	1 1/2"
H	GRAVEL SUB-BASE	8"
I	VA3 GRANITE CURB	19"-21"
J	CEMENT CONCRETE SIDEWALK	4"

- NOTES:
- ALL THICKNESSES ARE THE COMPACTED MINIMUM DEPTHS. ALL MATERIALS PLACED SHALL BE COMPACTED TO 95% OF MAXIMUM DRY DENSITY.
 - THE PAVEMENT STRUCTURE SPECIFIED IN TABLE 2 ABOVE APPLIES TO ALL STREETS WITH RIGHT OF WAY WIDTHS OF UP TO 50 FEET. ITEMS C & H ABOVE COULD BE GREATER THAN THE SPECIFIED DEPTH DEPENDING ON THE SUBGRADE CONDITIONS.



CITY OF QUINCY
55 SEA STREET
QUINCY, MASSACHUSETTS

DESIGNED BY: JVG
DRAWN BY: NGB
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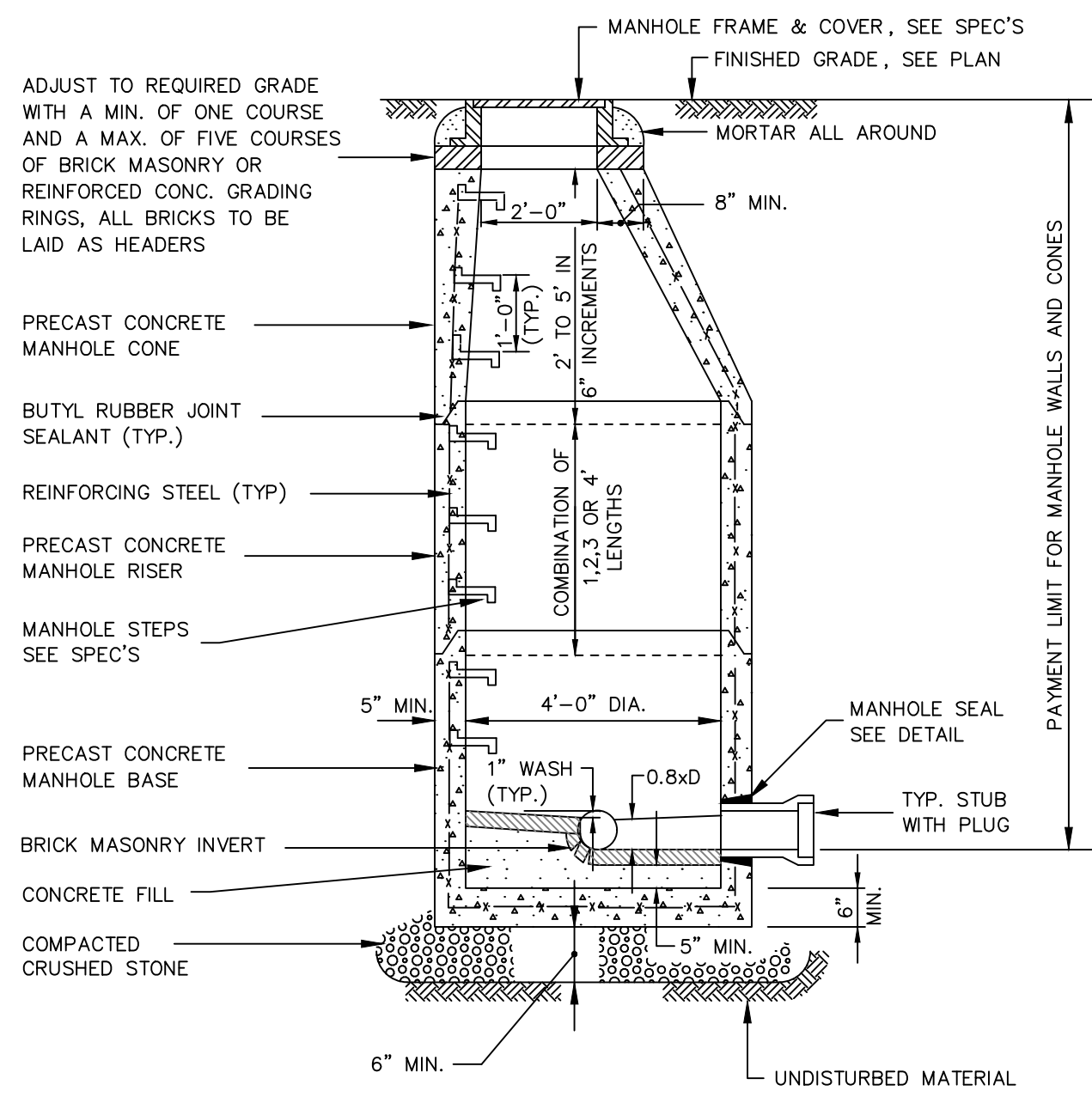
REVISIONS

REV	DESCRIPTION	DATE

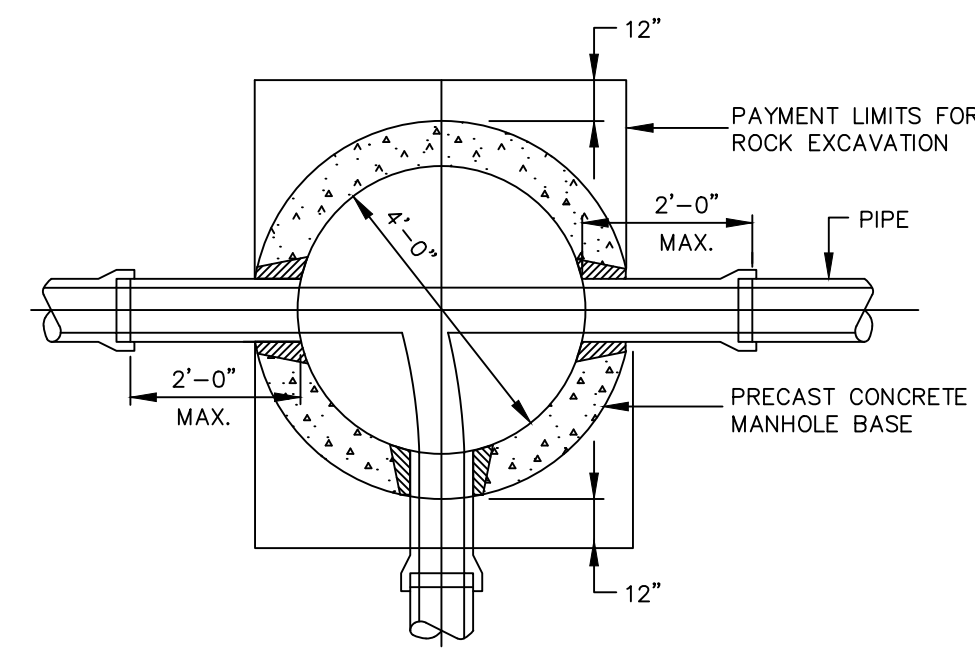
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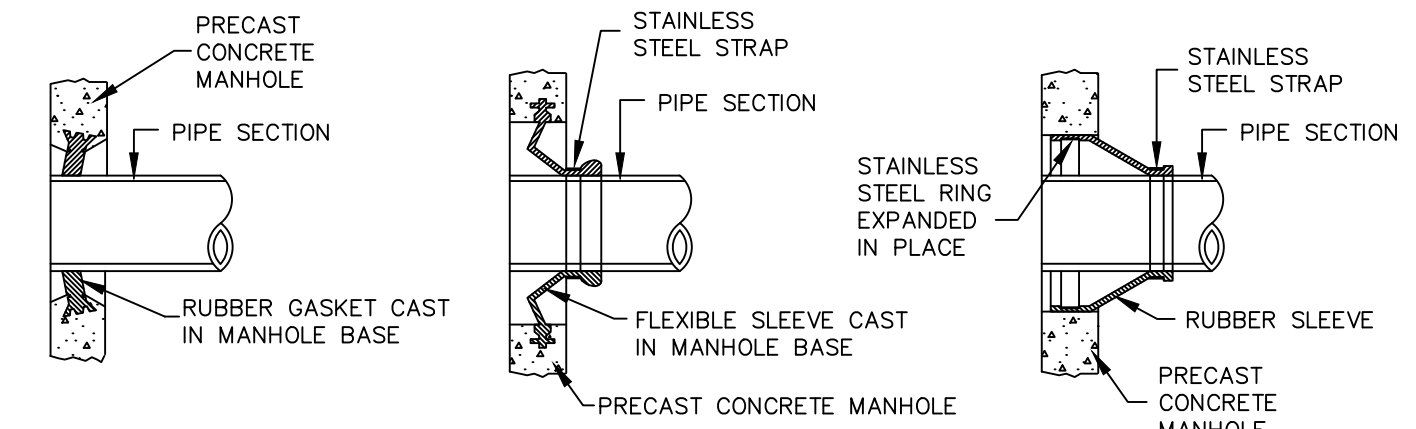
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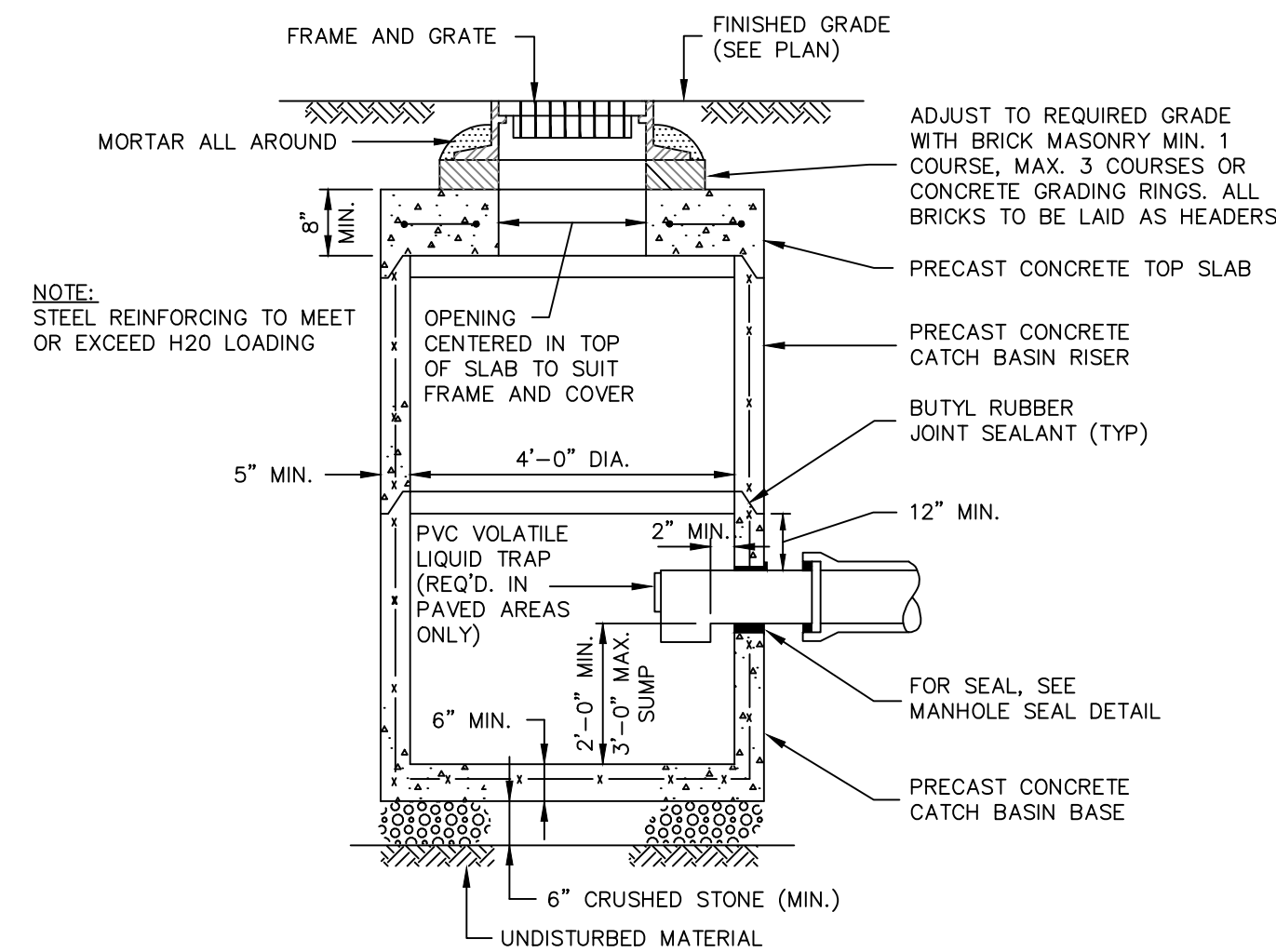
4'-0" DIA. PRECAST CONCRETE MANHOLE DETAIL



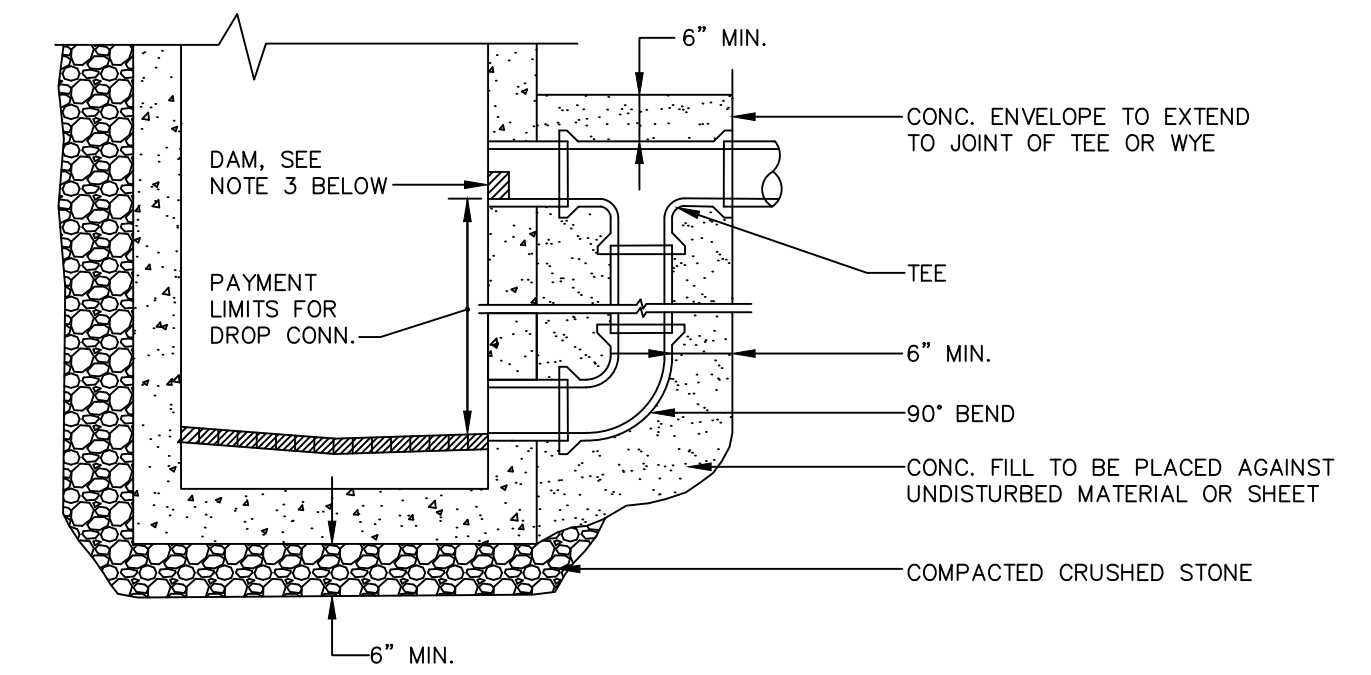
4'-0" DIA. MANHOLE PLAN



MANHOLE SEAL DETAILS

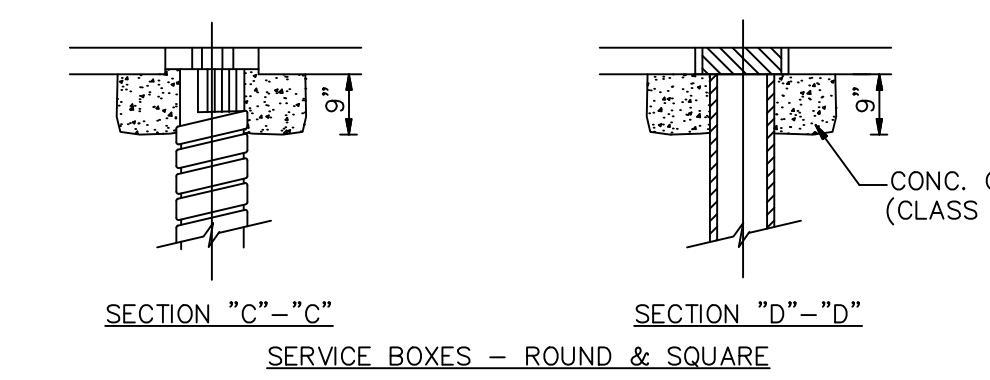
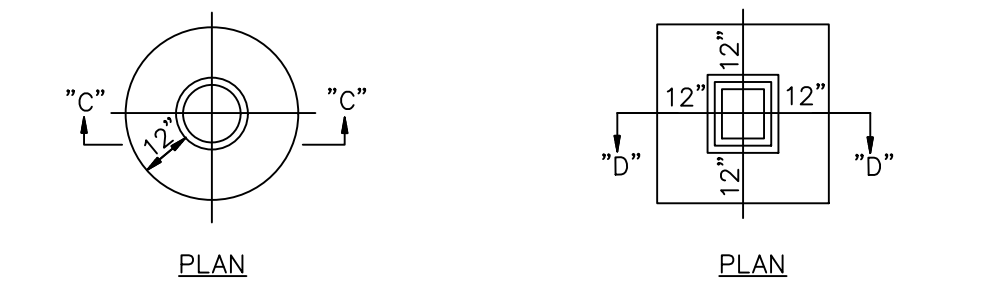
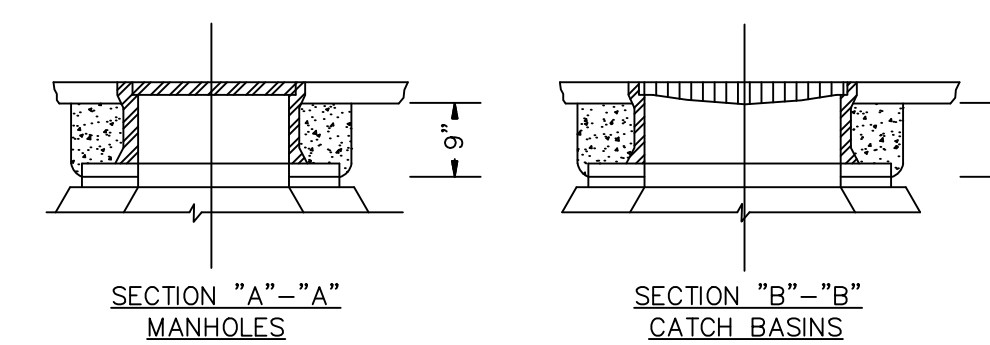
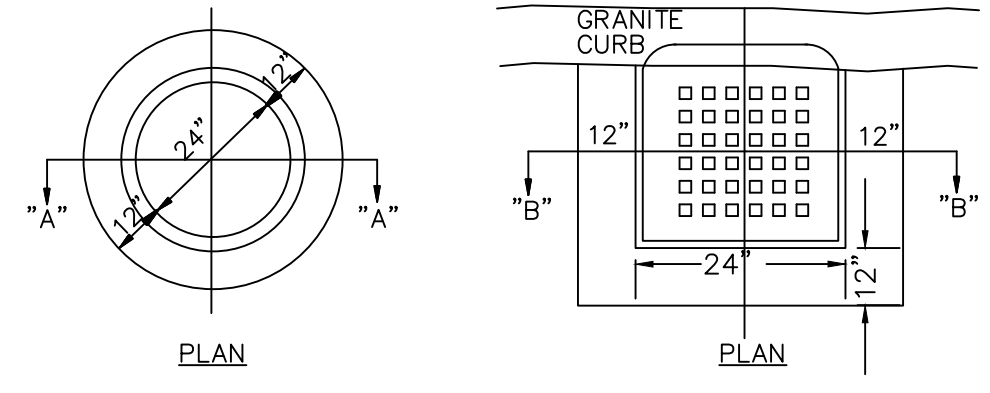


PRECAST CATCH BASIN DETAIL

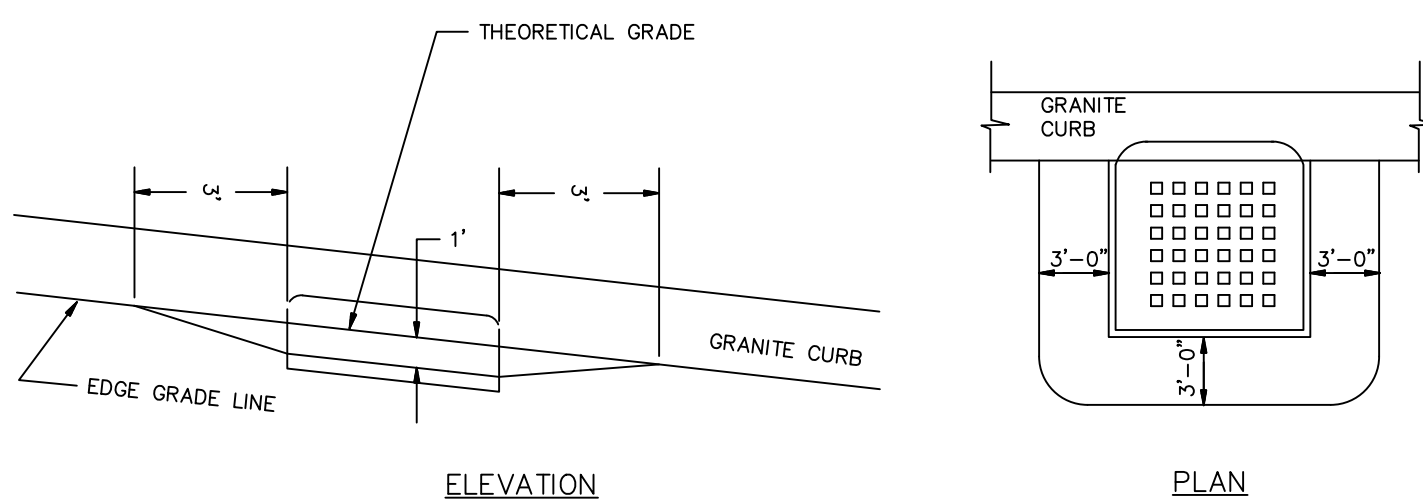


- NOTES:
- DROP PIPE TO BE SAME DIAMETER AS SEWER DISCHARGE INTO MANHOLE UNLESS OTHERWISE SHOWN ON DRAWINGS.
 - DIMENSIONS & CONSTRUCTION OF DROP MANHOLE TO BE SIMILAR TO TYPICAL MANHOLE EXCEPT AS SHOWN.
 - FOR PVC PIPE, EPOXY HALF PLUG TO PIPE. FOR DI, VC AND RC PIPE, MORTAR AND BRICK IN PIPE.

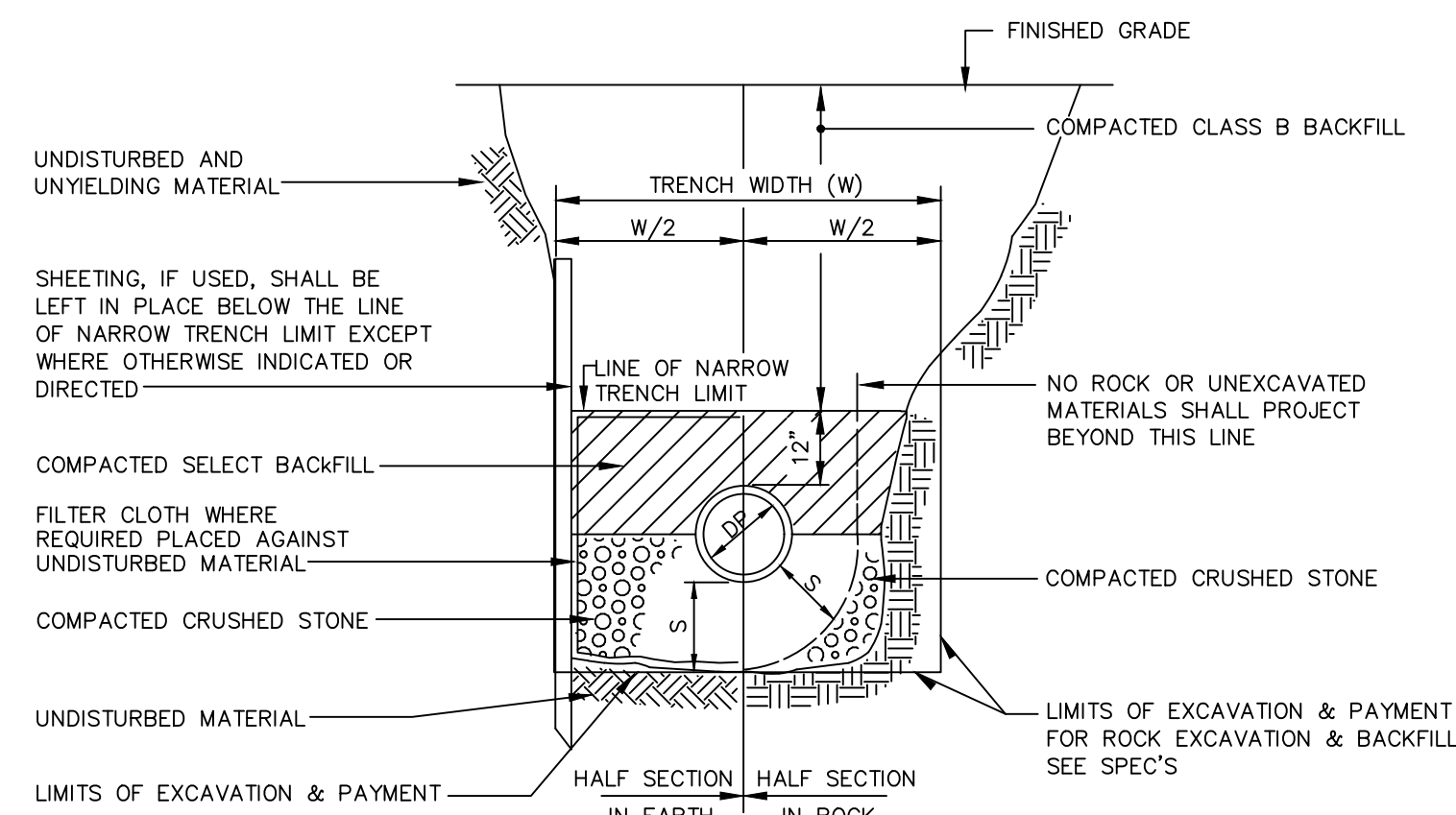
DROP CONNECTION DETAIL



CONCRETE COLLARS



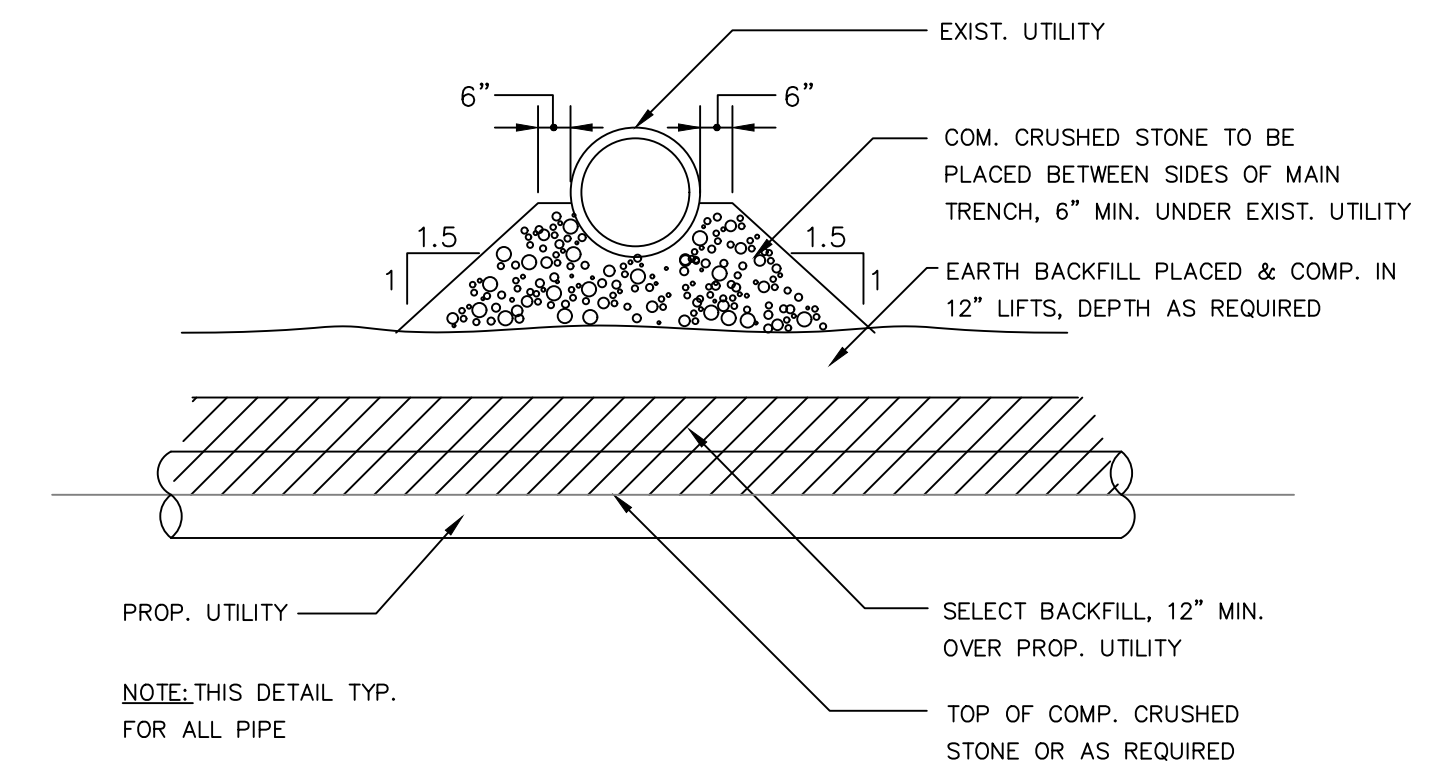
CATCH BASIN GRADING DETAIL



TRENCH DETAIL

DEPTH TO INVERT	DIAMETER OF PIPE (DP)	MAXIMUM TRENCH WIDTH BELOW LINE OF NARROW TRENCH LIMIT (SHEETED OR UNSHEETED) (W)	MINIMUM CLEARANCE (S)
0-12'	TO 18"	5'	6"
0-12'	21"-24"	5'	7-1/2"
OVER 12'	TO 18"	7'	6"
OVER 12'	21"-24"	7'	7-1/2"
OVER 12'	24"-36"	7'	7-1/2"

TABLE A



UTILITY CROSSING DETAIL

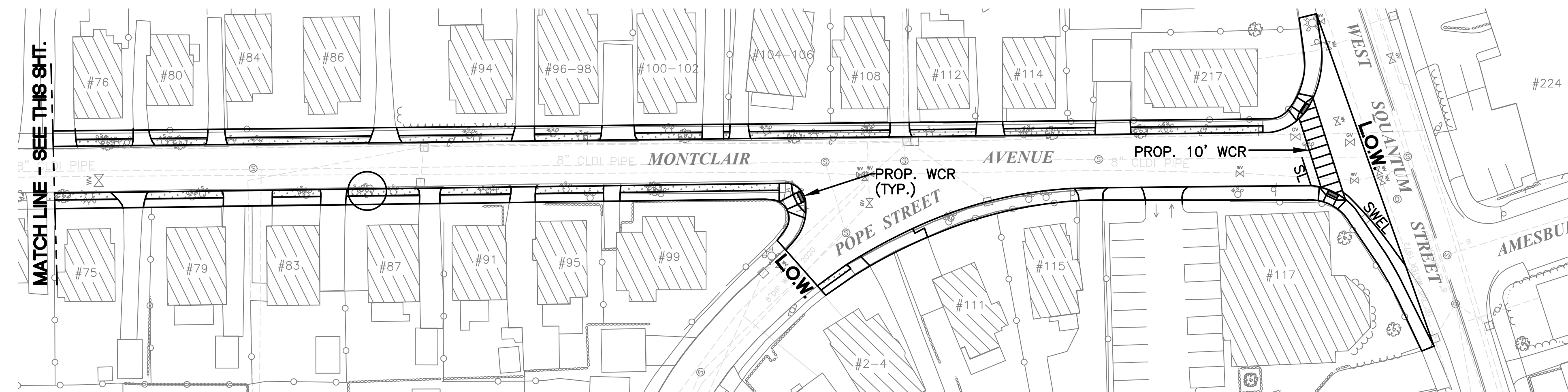
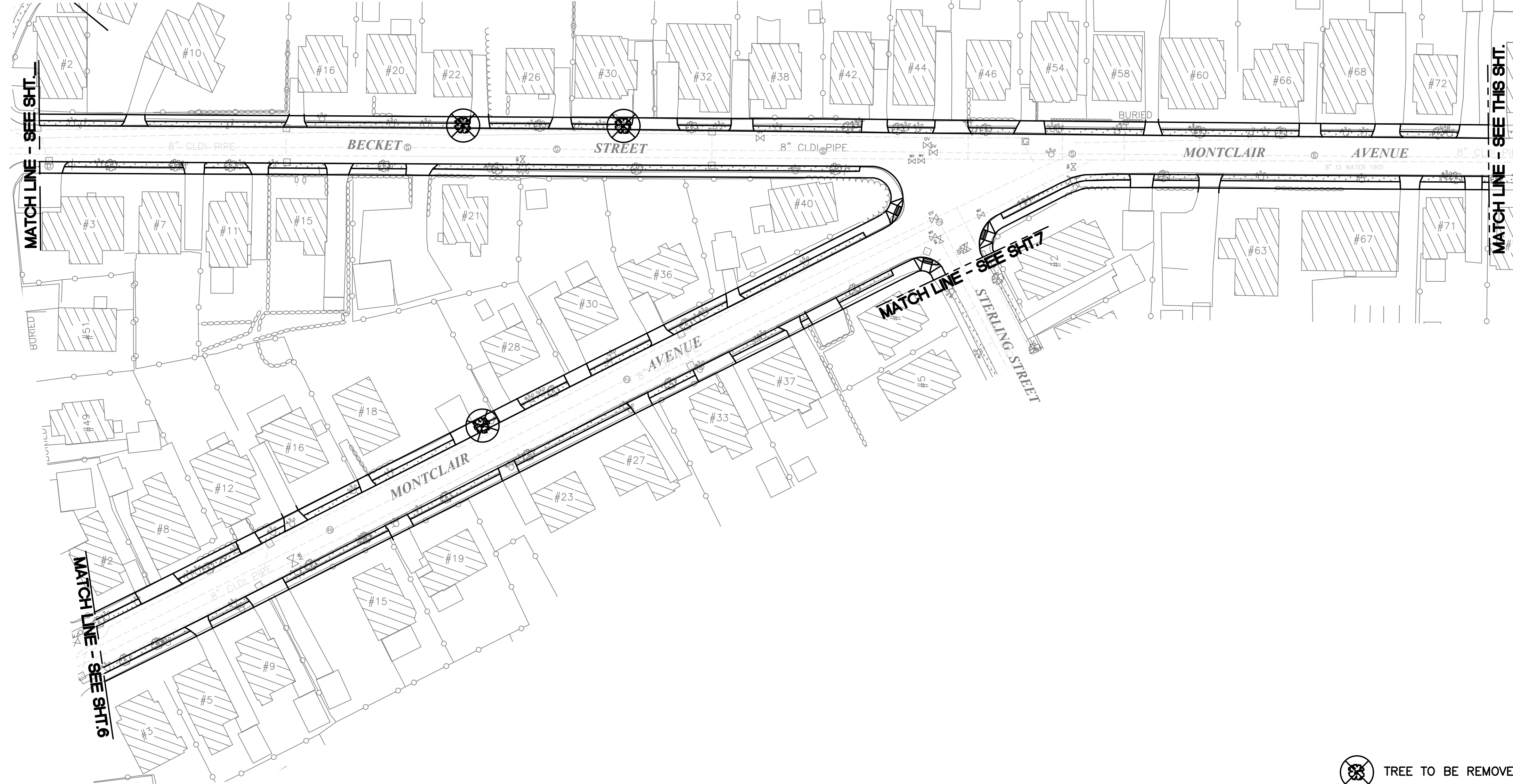
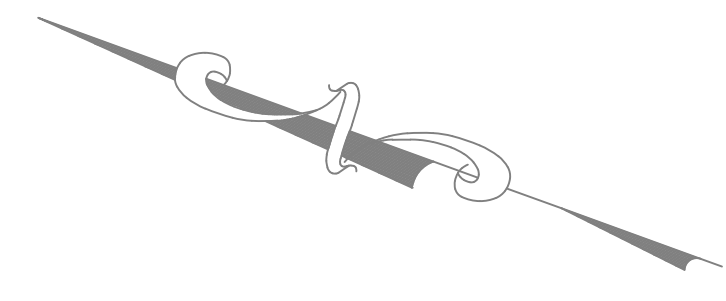
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DESIGNED BY: JVC
DRAWN BY: NBS

STANDARD DETAILS

SCOPE OF WORK:

FULL DEPTH RECLAMATION
 INSTALL BINDER 2 1/2" & 1 1/2" TOP COURSE
 INSTALL NEW CEM. CONC. SIDEWALKS & DRIVEWAY APRONS
 INSTALL NEW CONC. WCR'S W/ DETECTABLE WARNING PANELS
 R & R EXIST. GRAN. CURB
 DROP & ADJUST ALL UTILITIES AS REQ.
 LOAM & SEED AS REQ.
 INSTALL EPOXY LINEWORK AS REQ.



GENERAL CONSTRUCTION NOTES:

1. THE CONTRACTOR SHALL NOT INSTALL ANY TOP COURSE OF PAVEMENT WITHOUT FIRST APPLYING BITUMIN FOR TACK/PRIME FIRST AS SPECIFIED AND DIRECTED BY THE ENGINEER AND THE DIVISION TWO - TECHNICAL SPECIFICATION SECTION. ALSO EMULSIFIER SHALL BE APPLIED ON ALL LONGITUDINAL TRANSFER JOINTS AND AS DIRECTED BY THE ENGINEER.
2. ALL TRANSITIONS TO MEET GRADES OF EXISTING ROADS OUTSIDE OF WORK LIMITS, UNLESS OTHERWISE NOTED.
3. CONTRACTOR TO CHECK DOORWAY ELEVATIONS BEFORE SETTING CURB AND MAINTAIN PROPER SIDEWALK CROSS SLOPES.
4. THE PAVEMENT SECTION SHOWN ON SHEET 3 SHALL BE FOLLOWED UNLESS STATED OTHERWISE.
5. ALL ROADWAYS ARE TO BE GRADED TO EXISTING DRAINS. THE CONTRACTOR SHALL BE RESPONSIBLE TO CHECK THE GRADE ON SITE AND INFORM THE ENGINEER OF ANY DISCREPANCIES.
6. WATER, SEWER & DRAIN LOCATIONS TO BE VERIFIED BY CITY OF QUINCY DPW.
7. ALL TRAFFIC WARNING SIGNS TO BE ALUMINUM PANELS WITH REFLECTIVE SHEETING. TEXT AND COLOR SHALL MEET MUTCD STANDARD.
8. ANY AND ALL SIGN POSTS OR SIGNS REMOVED OR DAMAGED DURING THE COURSE OF CONSTRUCTION SHALL BE REPLACED AND RESET RESPECTIVELY AT THE CONTRACTOR'S EXPENSE.

- TREE TO BE REMOVED
- POSSIBLE TREE REMOVAL

A

B

C

D

CITY OF QUINCY
 55 SEA STREET
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 CHECKED BY: PGC

**MONTCLAIR AVENUE
 & BECKET STREET**

CITY OF QUINCY, MASSACHUSETTS
 DEPARTMENT OF PUBLIC WORKS
 55 SEA STREET, QUINCY, MA

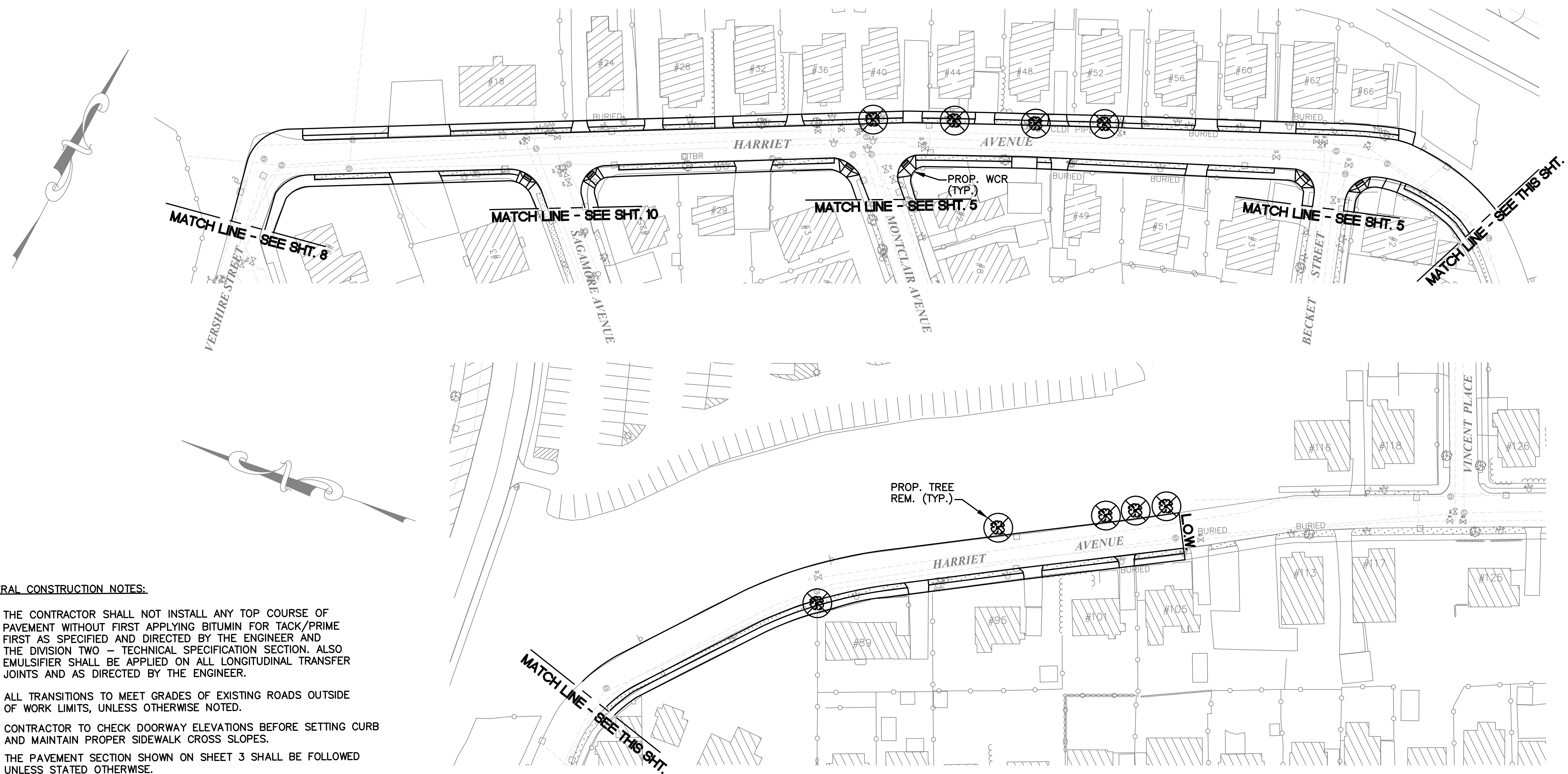
**ROAD IMPROVEMENTS 2022
 CONTRACT 1**

JOB NO.:
 DATE: JANUARY 2022
 SCALE: 1" = 40'
 SHEET:

1 2 3 4 5 6

SCOPE OF WORK:


- FULL DEPTH RECLAMATION
- INSTALL BINDER 2 1/2" & 1 1/2" TOP COURSE
- INSTALL NEW CEM. CONC. SIDEWALKS & DRIVEWAY APRONS
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CITY OF QUINCY
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QUINCY, MASSACHUSETTS



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REV	DESCRIPTION	DATE

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DRAWN BY: NBS

HARRIET AVENUE

CITY OF QUINCY, MASSACHUSETTS
DEPARTMENT OF PUBLIC WORKS
55 SEA STREET, QUINCY, MA

**ROAD IMPROVEMENTS 2022
CONTRACT 1**

JOB NO.:
DATE: JANUARY 2022
SCALE: 1" = 40'
SHEET:
6 OF 12

1 2 3 4 5 6

1

2

3

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A

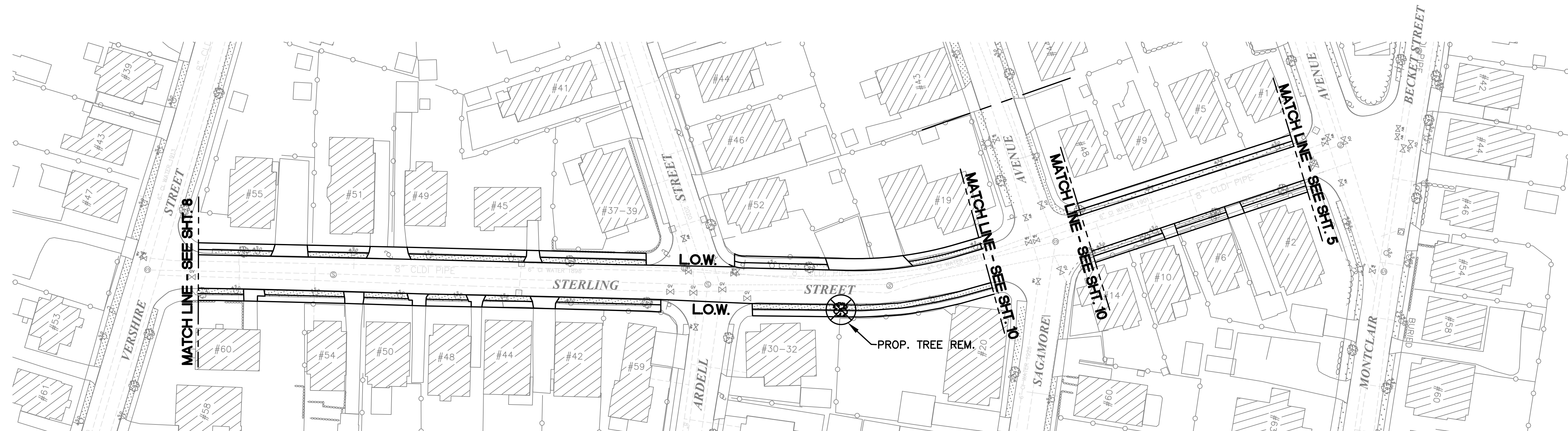
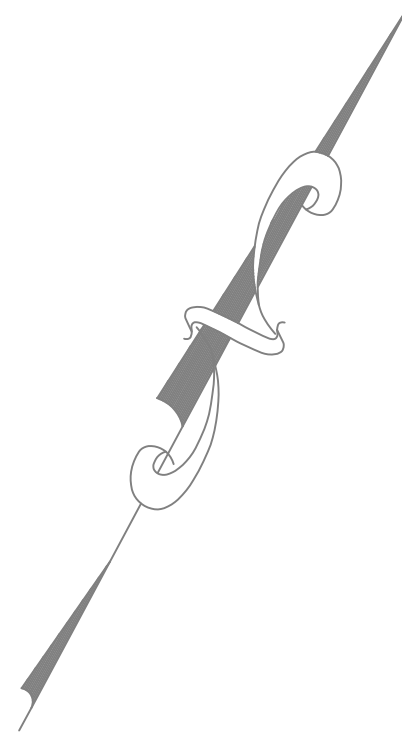
B

C

D

SCOPE OF WORK:

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7. ALL TRAFFIC WARNING SIGNS TO BE ALUMINUM PANELS WITH REFLECTIVE SHEETING. TEXT AND COLOR SHALL MEET MUTCD STANDARD.
8. ANY AND ALL SIGN POSTS OR SIGNS REMOVED OR DAMAGED DURING THE COURSE OF CONSTRUCTION SHALL BE REPLACED AND RESET RESPECTIVELY AT THE CONTRACTOR'S EXPENSE.

CITY OF QUINCY
55 SEA STREET
QUINCY, MASSACHUSETTS



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CHECKED BY: PGC

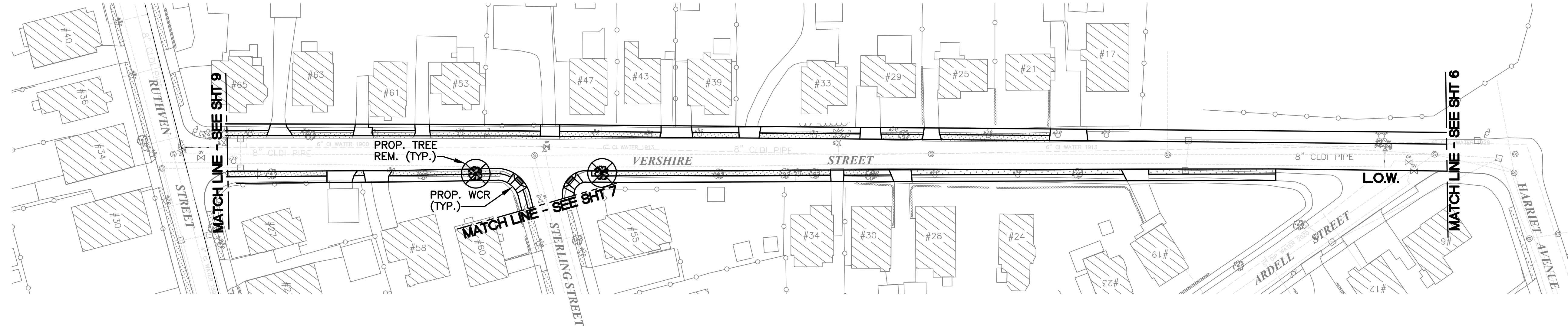
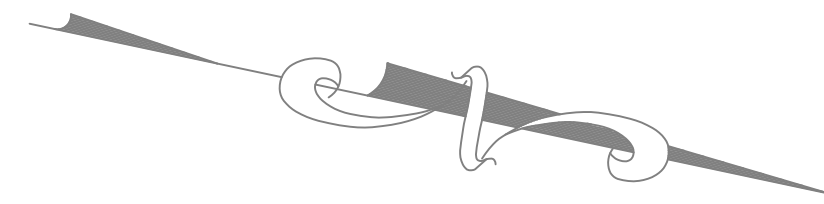
CITY OF QUINCY, MASSACHUSETTS
DEPARTMENT OF PUBLIC WORKS
55 SEA STREET, QUINCY, MA

ROAD IMPROVEMENTS 2022
CONTRACT 1

JOB NO.:
DATE: JANUARY 2022
SCALE: 1" = 40'
SHEET:

SCOPE OF WORK:

- FULL DEPTH RECLAMATION
- INSTALL BINDER 2 1/2" & 1 1/2" TOP COURSE
- INSTALL NEW CEM. CONC. SIDEWALKS & DRIVEWAY APRONS
- INSTALL NEW CONC. WCR'S W/ DETECTABLE WARNING PANELS
- R & R EXIST. GRAN. CURB
- DROP & ADJUST ALL UTILITIES AS REQ.
- LOAM & SEED AS REQ.
- INSTALL EPOXY LINEWORK AS REQ.



GENERAL CONSTRUCTION NOTES:

1. THE CONTRACTOR SHALL NOT INSTALL ANY TOP COURSE OF PAVEMENT WITHOUT FIRST APPLYING BITUMIN FOR TACK/PRIME FIRST AS SPECIFIED AND DIRECTED BY THE ENGINEER AND THE DIVISION TWO - TECHNICAL SPECIFICATION SECTION. ALSO EMULSIFIER SHALL BE APPLIED ON ALL LONGITUDINAL TRANSFER JOINTS AND AS DIRECTED BY THE ENGINEER.
2. ALL TRANSITIONS TO MEET GRADES OF EXISTING ROADS OUTSIDE OF WORK LIMITS, UNLESS OTHERWISE NOTED.
3. CONTRACTOR TO CHECK DOORWAY ELEVATIONS BEFORE SETTING CURB AND MAINTAIN PROPER SIDEWALK CROSS SLOPES.
4. THE PAVEMENT SECTION SHOWN ON SHEET 3 SHALL BE FOLLOWED UNLESS STATED OTHERWISE.
5. ALL ROADWAYS ARE TO BE GRADED TO EXISTING DRAINS. THE CONTRACTOR SHALL BE RESPONSIBLE TO CHECK THE GRADE ON SITE AND INFORM THE ENGINEER OF ANY DISCREPANCIES.
6. WATER, SEWER & DRAIN LOCATIONS TO BE VERIFIED BY CITY OF QUINCY DPW.
7. ALL TRAFFIC WARNING SIGNS TO BE ALUMINUM PANELS WITH REFLECTIVE SHEETING. TEXT AND COLOR SHALL MEET MUTCD STANDARD.
8. ANY AND ALL SIGN POSTS OR SIGNS REMOVED OR DAMAGED DURING THE COURSE OF CONSTRUCTION SHALL BE REPLACED AND RESET RESPECTIVELY AT THE CONTRACTOR'S EXPENSE.

CITY OF QUINCY
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QUINCY, MASSACHUSETTS

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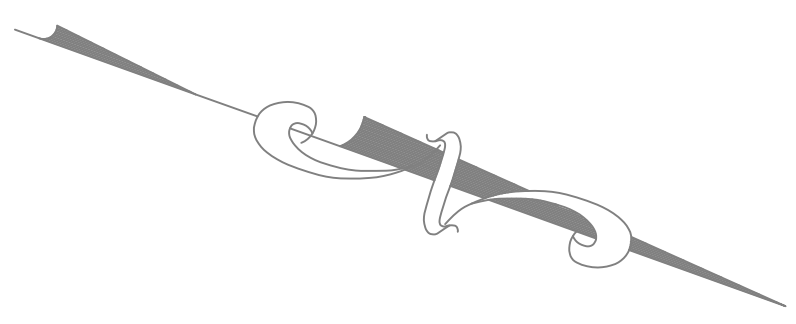
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DRAWN BY: NSG

VERSHIRE STREET

CITY OF QUINCY, MASSACHUSETTS
DEPARTMENT OF PUBLIC WORKS
55 SEA STREET, QUINCY, MA

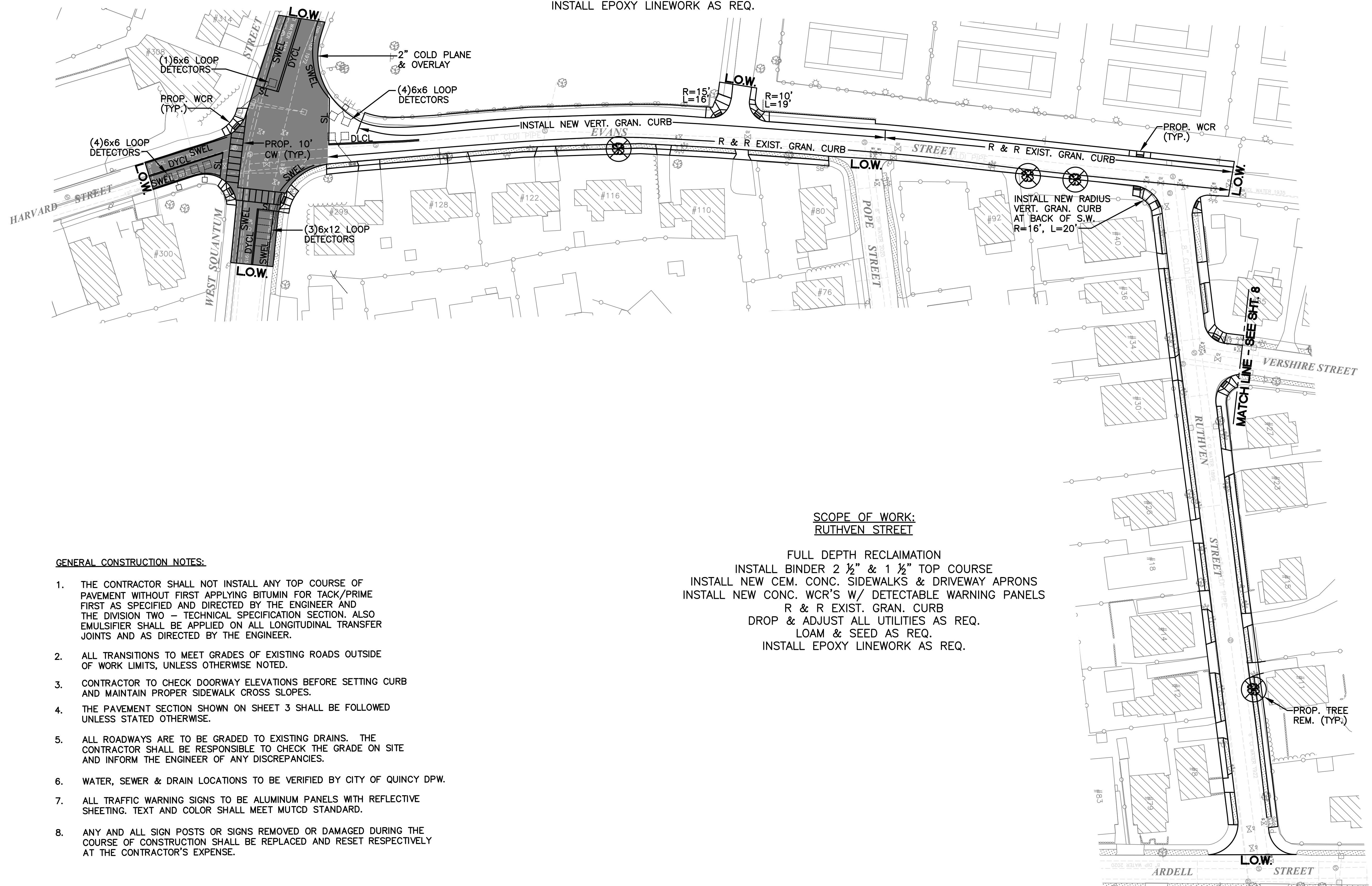
**ROAD IMPROVEMENTS 2022
CONTRACT 1**

JOB NO.:
DATE: JANUARY 2022
SCALE: 1" = 40'
SHEET:



**SCOPE OF WORK:
EVANS STREET**

FULL DEPTH RECLAIMATION
 INSTALL BINDER 2 1/2" & 1 1/2" TOP COURSE
 INSTALL NEW CEM. CONC. SIDEWALKS & DRIVEWAY APRONS
 INSTALL NEW CONC. WCR'S W/ DETECTABLE WARNING PANELS
 R & R EXIST. GRAN. CURB & INSTALL NEW GRAN. CURB AS SHOWN
 DROP & ADJUST ALL UTILITIES AS REQ.
 LOAM & SEED AS REQ.
 INSTALL EPOXY LINEWORK AS REQ.



**SCOPE OF WORK:
RUTHVEN STREET**

FULL DEPTH RECLAIMATION
 INSTALL BINDER 2 1/2" & 1 1/2" TOP COURSE
 INSTALL NEW CEM. CONC. SIDEWALKS & DRIVEWAY APRONS
 INSTALL NEW CONC. WCR'S W/ DETECTABLE WARNING PANELS
 R & R EXIST. GRAN. CURB
 DROP & ADJUST ALL UTILITIES AS REQ.
 LOAM & SEED AS REQ.
 INSTALL EPOXY LINEWORK AS REQ.

GENERAL CONSTRUCTION NOTES:

1. THE CONTRACTOR SHALL NOT INSTALL ANY TOP COURSE OF PAVEMENT WITHOUT FIRST APPLYING BITUMIN FOR TACK/PRIME FIRST AS SPECIFIED AND DIRECTED BY THE ENGINEER AND THE DIVISION TWO - TECHNICAL SPECIFICATION SECTION. ALSO EMULSIFIER SHALL BE APPLIED ON ALL LONGITUDINAL TRANSFER JOINTS AND AS DIRECTED BY THE ENGINEER.
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CITY OF QUINCY
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 DRAWN BY: NBS
 CHECKED BY: PGC

**RUTHVEN STREET &
EVANS STREET**

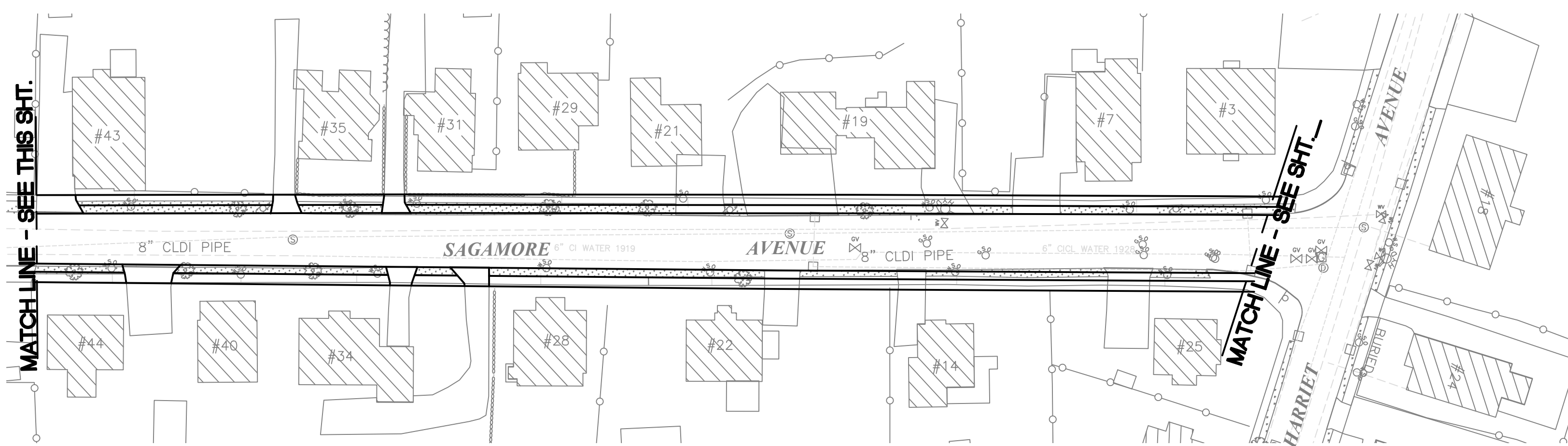
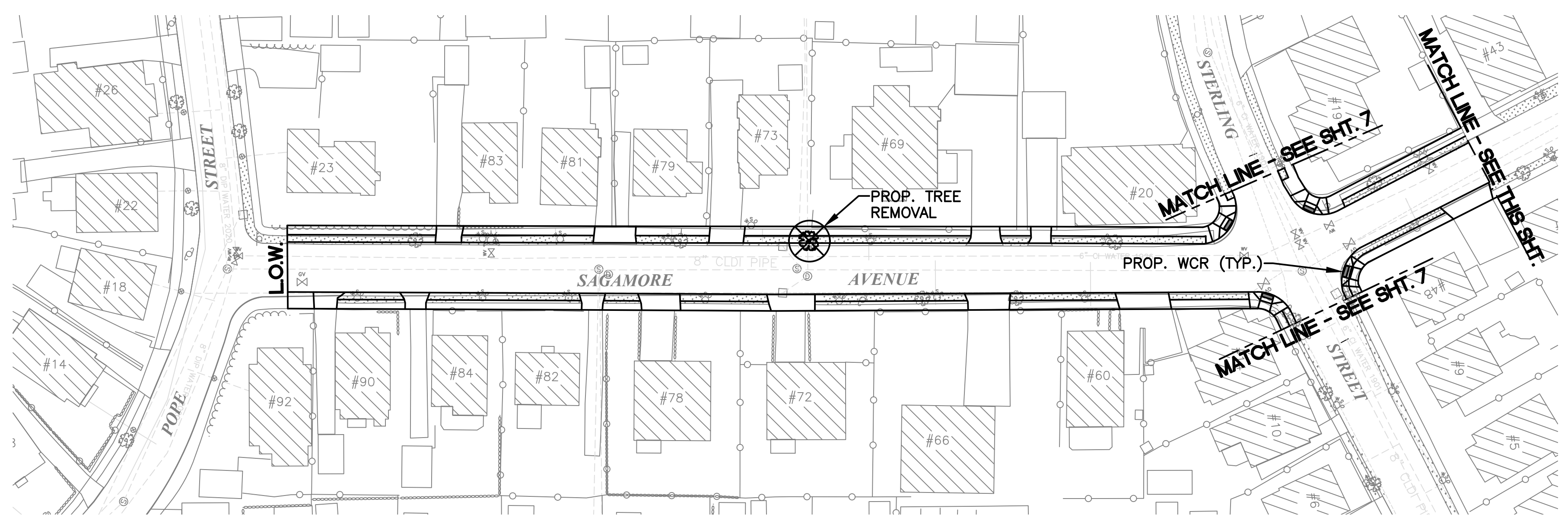
CITY OF QUINCY, MASSACHUSETTS
 DEPARTMENT OF PUBLIC WORKS
 55 SEA STREET, QUINCY, MA

**ROAD IMPROVEMENTS 2022
CONTRACT 1**

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SCOPE OF WORK:

FULL DEPTH RECLAMATION
 INSTALL BINDER 2 1/2" & 1 1/2" TOP COURSE
 INSTALL NEW CEM. CONC. SIDEWALKS & DRIVEWAY APRONS
 INSTALL NEW CONC. WCR'S W/ DETECTABLE WARNING PANELS
 R & R EXIST. GRAN. CURB
 DROP & ADJUST ALL UTILITIES AS REQ.
 LOAM & SEED AS REQ.
 INSTALL EPOXY LINEWORK AS REQ.



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CITY OF QUINCY
 55 SEA STREET
 QUINCY, MASSACHUSETTS

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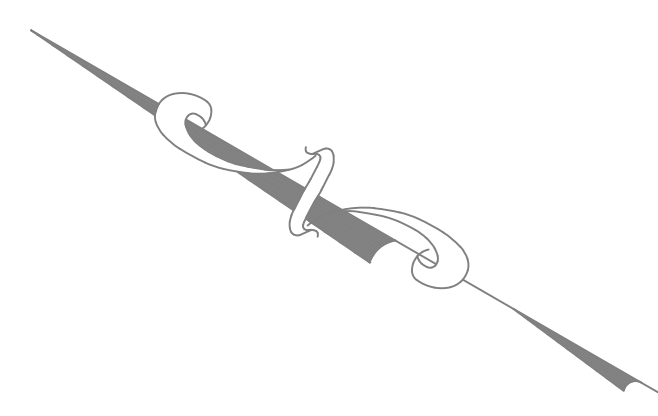
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 DRAWN BY: NBS
 CHECKED BY: PGC

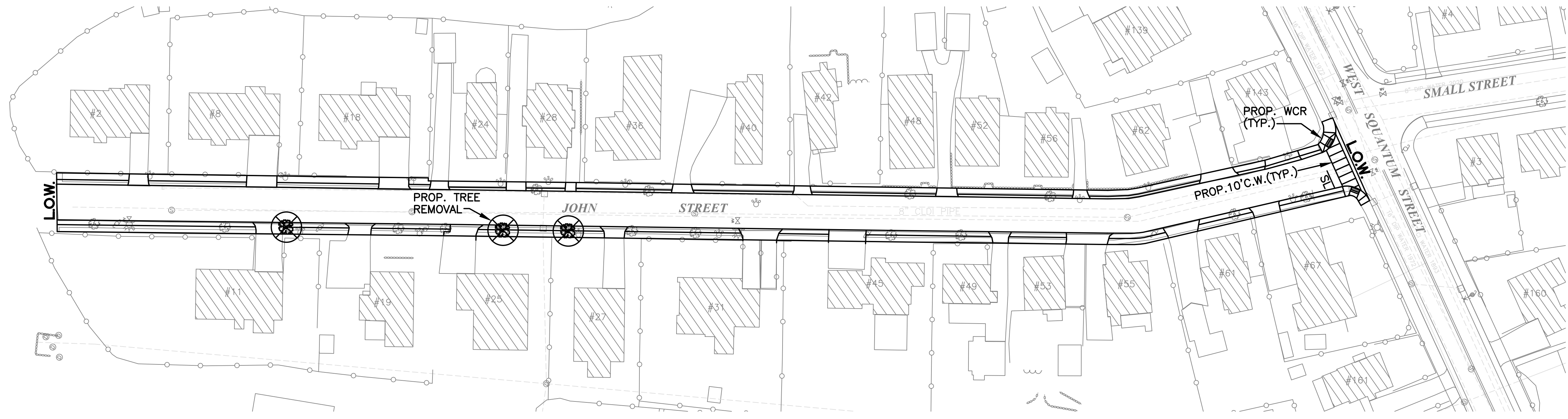
SAGAMORE AVENUE

CITY OF QUINCY, MASSACHUSETTS
 DEPARTMENT OF PUBLIC WORKS
 55 SEA STREET, QUINCY, MA

**ROAD IMPROVEMENTS 2022
 CONTRACT 1**



SCOPE OF WORK:
 FULL DEPTH RECLAMATION
 INSTALL BINDER 2 1/2" & 1 1/2" TOP COURSE
 INSTALL NEW CEM. CONC. SIDEWALKS & DRIVEWAY APRONS
 INSTALL NEW CONC. WCR'S W/ DETECTABLE WARNING PANELS
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CITY OF QUINCY
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 DRAWN BY: NSG
 CHECKED BY: PGC

JOHN STREET

CITY OF QUINCY, MASSACHUSETTS
 DEPARTMENT OF PUBLIC WORKS
 55 SEA STREET, QUINCY, MA

**ROAD IMPROVEMENTS 2022
 CONTRACT 1**

JOB NO.:
 DATE: JANUARY 2022
 SCALE: 1" = 40'
 SHEET:

SCOPE OF WORK:

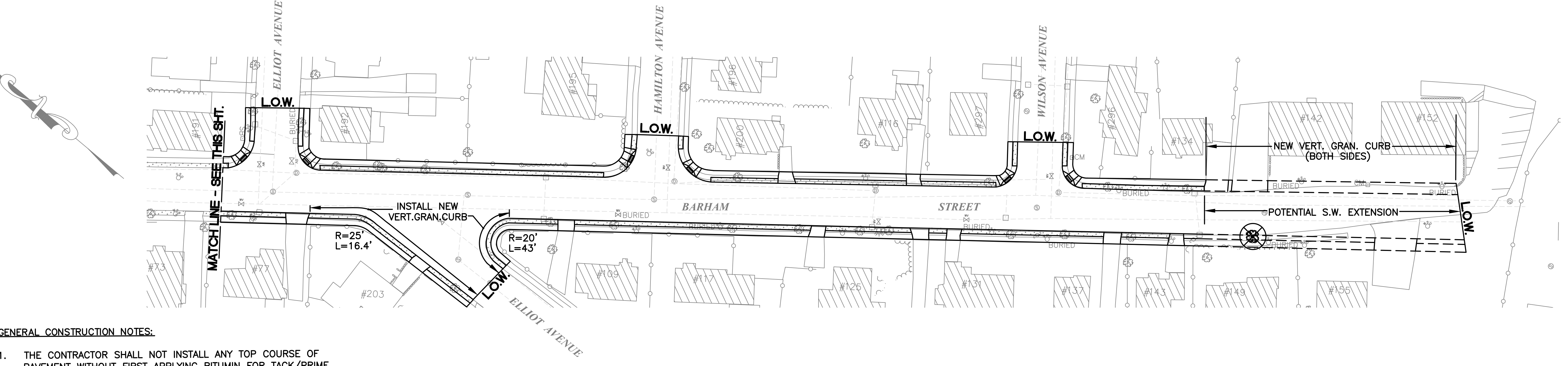
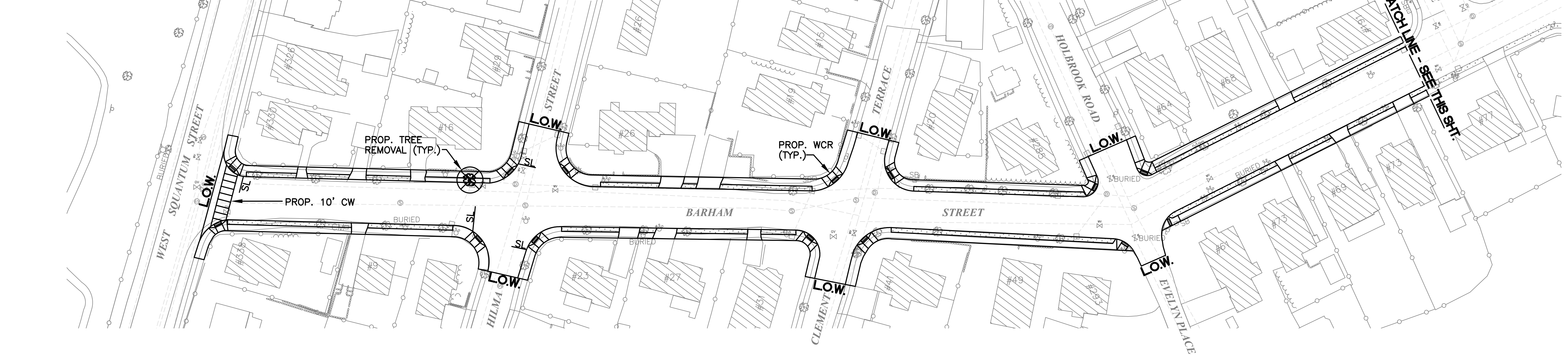
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- LOAM & SEED AS REQ.
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GENERAL CONSTRUCTION NOTES:

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CITY OF QUINCY
55 SEA STREET
QUINCY, MASSACHUSETTS



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DRAWN BY: NBS

BARHAM STREET

CITY OF QUINCY, MASSACHUSETTS
DEPARTMENT OF PUBLIC WORKS
55 SEA STREET, QUINCY, MA

ROAD IMPROVEMENTS 2022
CONTRACT 1

JOB NO.:
DATE: JANUARY 2022
SCALE: 1" = 40'
SHEET:
12 OF 12