

CONTRACT NO. 2020-02

RILEY AVENUE
WATER MAIN REPLACEMENT

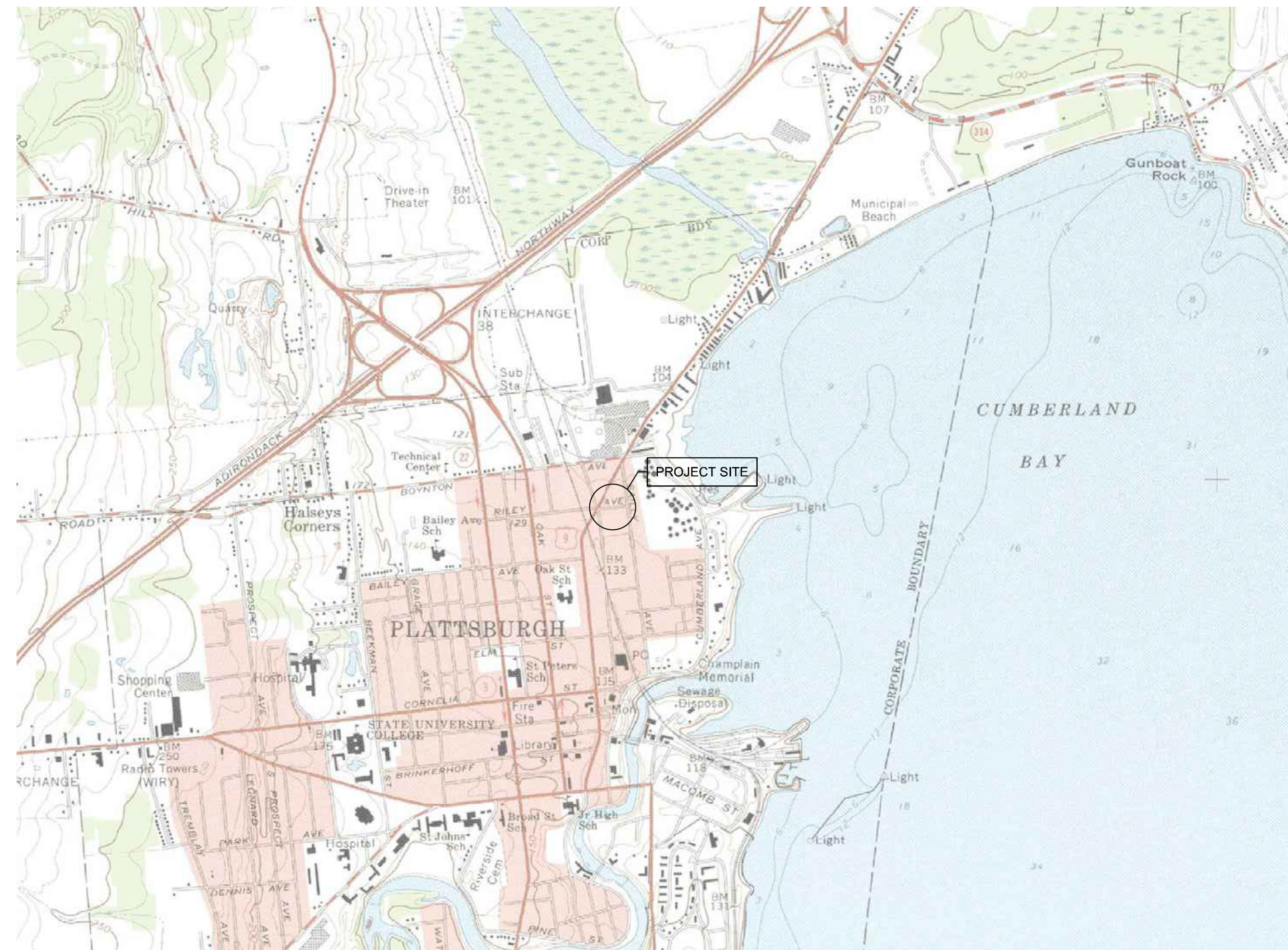
CITY OF PLATTSBURGH, CLINTON COUNTY

MARCH 22, 2021

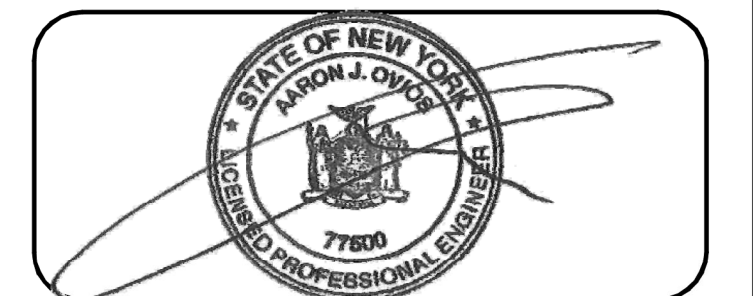
CITY OF PLATTSBURGH DEPARTMENT OF PUBLIC WORKS



CONTRACTOR'S NAME:	_____
AWARD DATE:	_____
COMPLETION DATE:	_____
FINAL ACCEPTANCE DATE:	_____
CITY OFFICIAL:	_____
ENGINEER IN CHARGE:	_____
FINAL COST TOTAL:	_____
FISCAL SHARE:	COST(S)



No.	Revision/Issue	Date



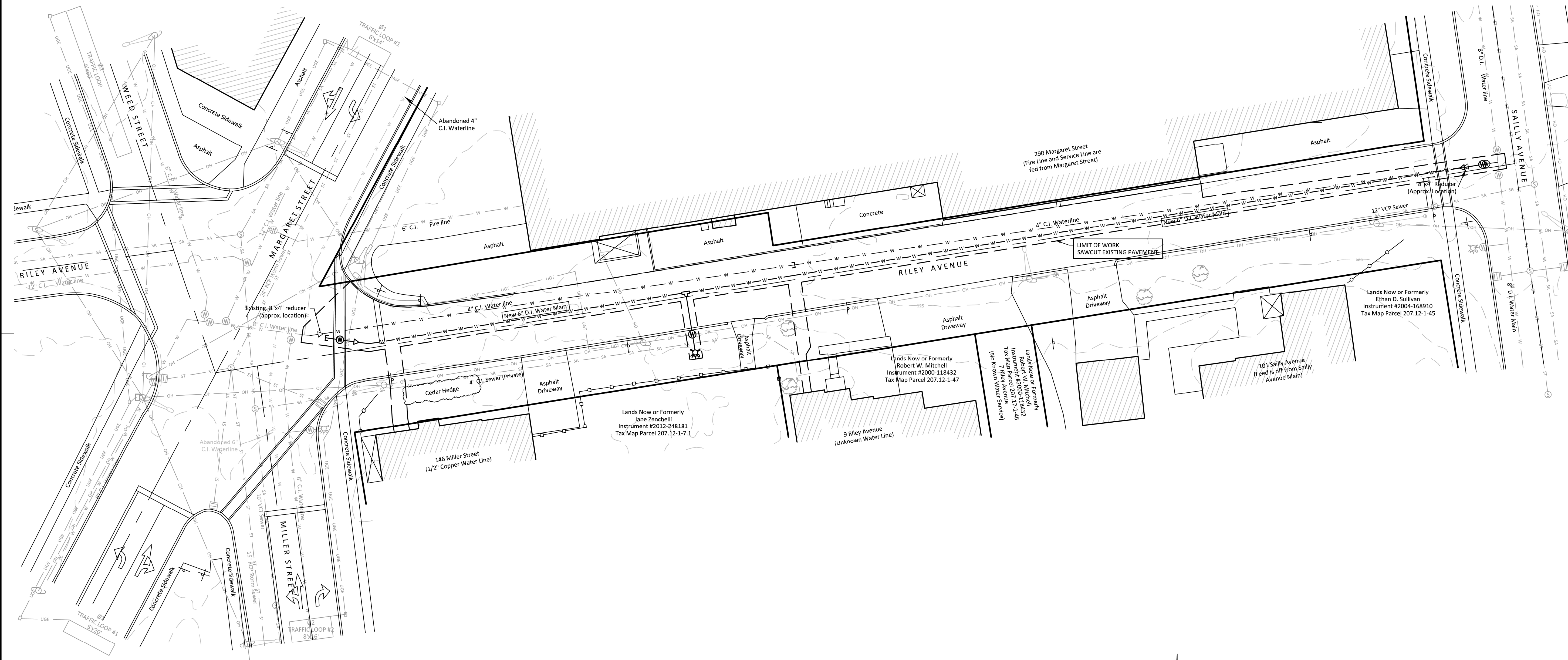
CITY OF PLATTSBURGH
DEPARTMENT OF PUBLIC WORKS
215 IDAHO AVENUE
PLATTSBURGH, NEW YORK
(P) 518.563.1120

RMS
ROBERT M. SUTHERLAND P.C.
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SOIL & MATERIAL TESTING
11 MACDONOUGH STREET, PLATTSBURGH, NY 12901
518.561.6145 (PH) 518.561.2496 (FX)
R M S P C . C O M

Project Name & Address
Map prepared for
City of Plattsburgh
Department of Public Works
showing
Riley Avenue
Water Main Replacement
City of Plattsburgh
Clinton County State of New York

INDEX		
SHEET NUMBER	DESCRIPTION	DRAWING NUMBER
1	TITLE SHEET	C000
2	EXISTING SITE CONDITIONS	C100
3	PHASE I PROPOSED SITE CONDITIONS	C200
4	PHASE II PROPOSED SITE CONDITIONS	C201
5	SITE RESTORATION	C300
6	DETAILS	D100

Project #	20010	Sheet	Cover Sheet
Date	03/22/2021	Scale	N.T.S.
Drawn	LSC	Checked	AJO



Legend:

- Found property evidence (as described)
- Computed corner
- ⊕ Fire Hydrant
- ⊙ Drainage manhole
- ⊙ Catch basin round
- ⊞ Catch basin square
- ⊙ Well
- ⊞ Telephone pedestal
- ⊞ Water Valve
- ⊞ Light pole
- ⊞ Utility pole
- ⊞ Guy anchor
- ⊞ Sign
- Fence post
- Bollard
- ⊞ Gas marker
- ⊞ Gas meter
- ⊞ Gas valve
- Waterline
- Existing fence
- Property line
- - - Adjoiner property line

No.	Revision/Issue	Date

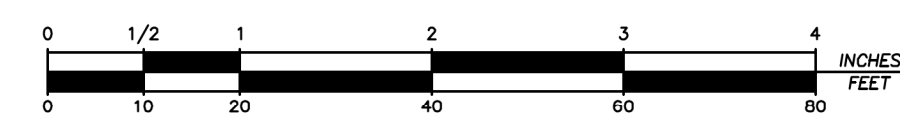


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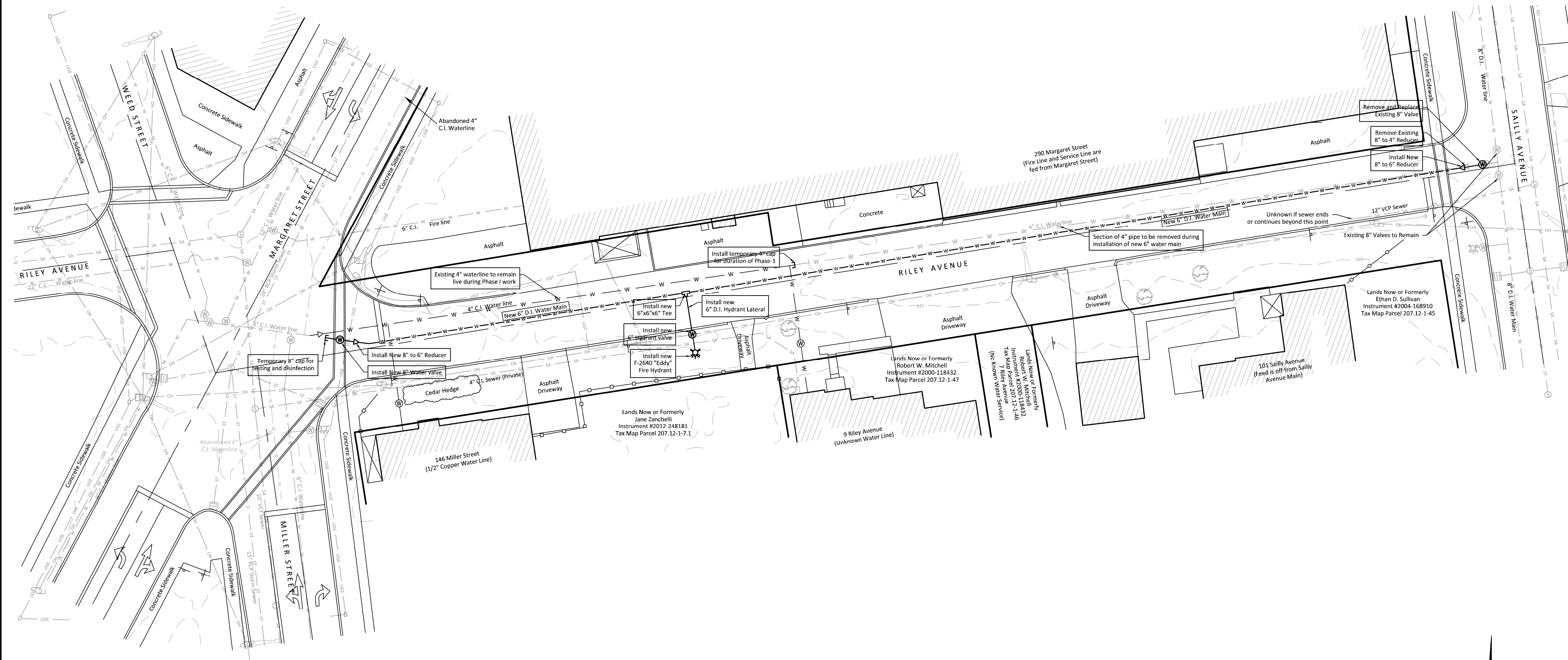
Project #	20010	Sheet	Existing Site Conditions
Date	03/22/2021		
Scale	1" = 20'		C100
Drawn	LSC	Checked	AJO



Scale: 1 Inch = 20 Feet



NOTE:
 BASE SURVEY PROVIDED BY CITY OF PLATTSBURGH
 DEPARTMENT OF PUBLIC WORKS



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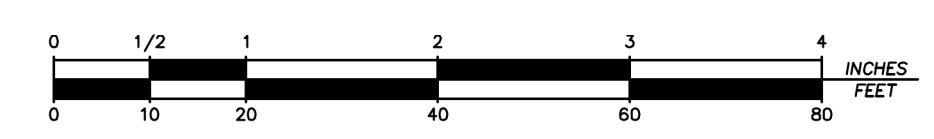


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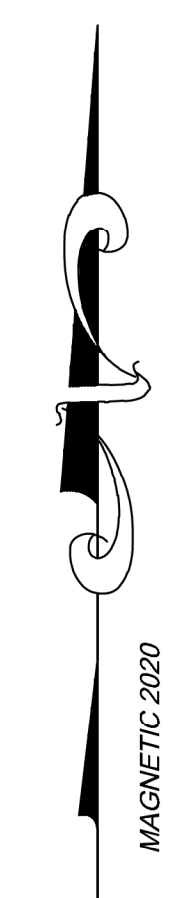


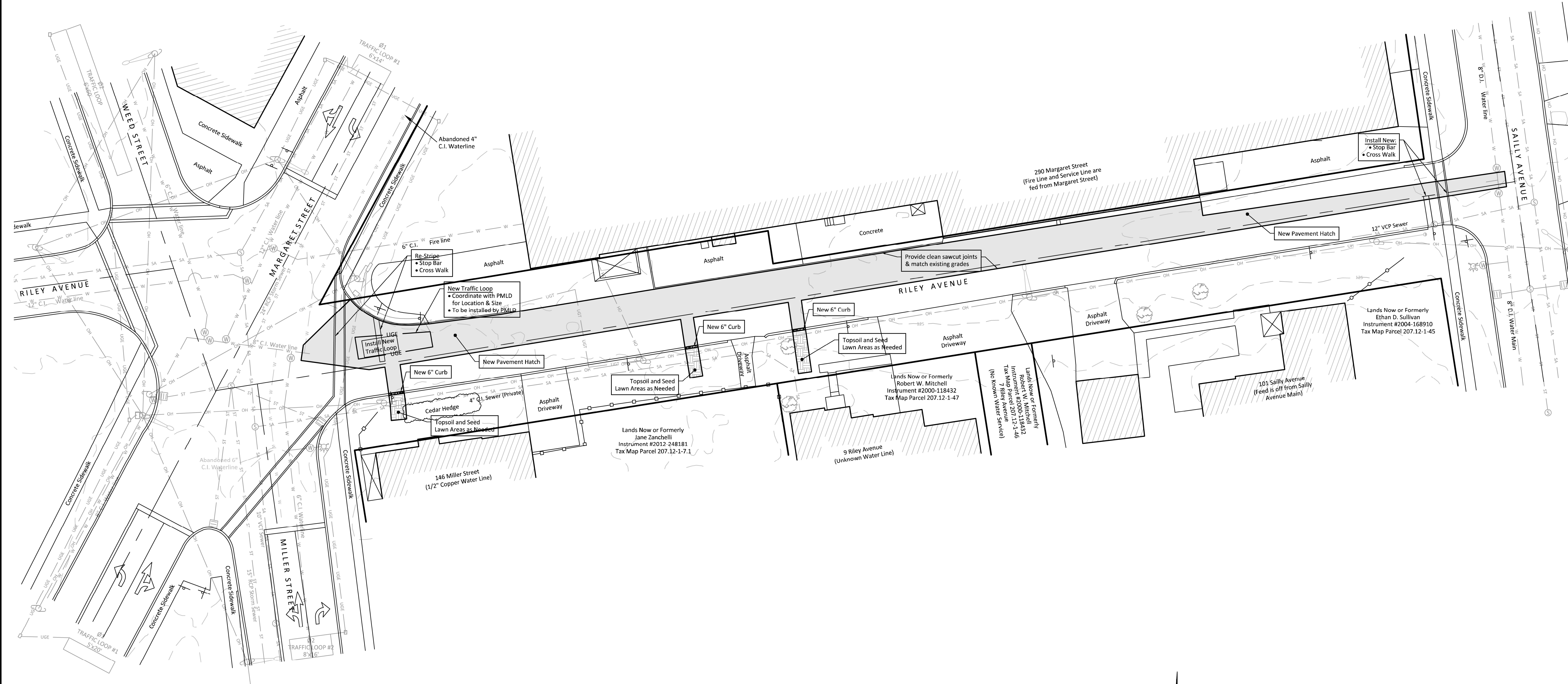
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Project #	20010	Sheet	Phase I
Date	03/22/2021		Proposed Site Plan
Scale	1" = 20'		C200
Drawn	LSC	Checked	AJO



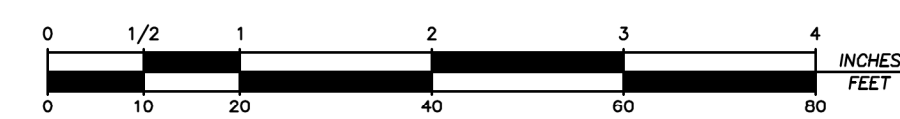
Scale: 1 Inch = 20 Feet





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Scale: 1 Inch = 20 Feet



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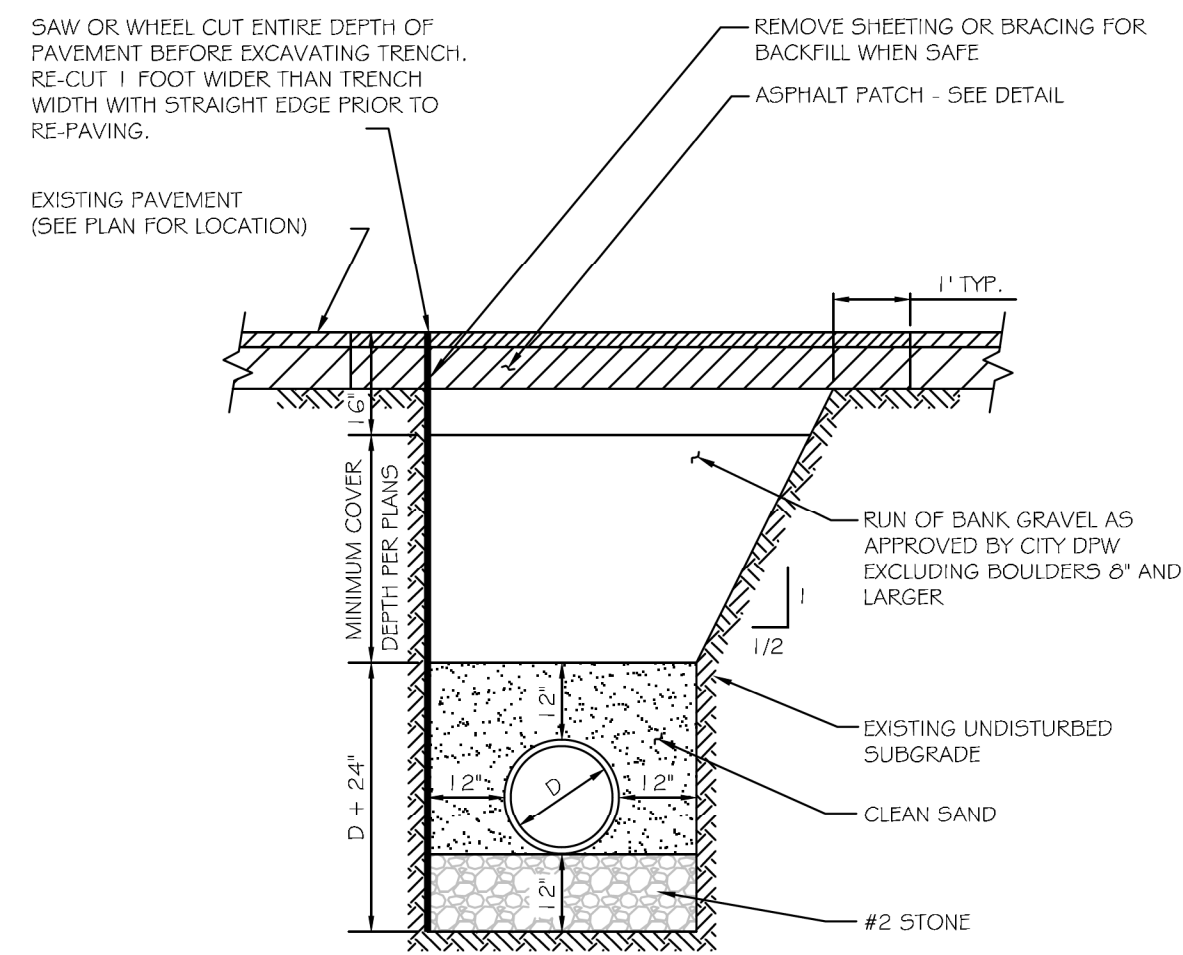


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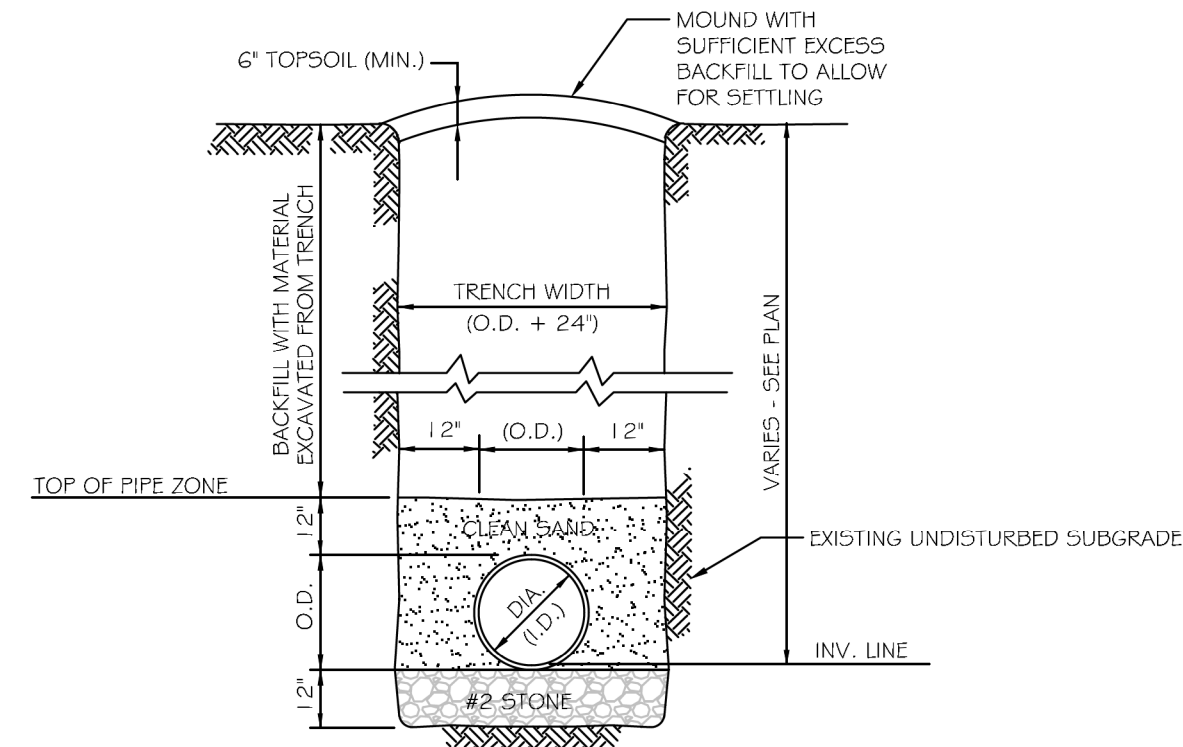
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Project #	20010	Sheet	
Date	03/22/2021	Site Restoration	
Scale	1" = 20'	C300	
Drawn	LSC	Checked	AJO



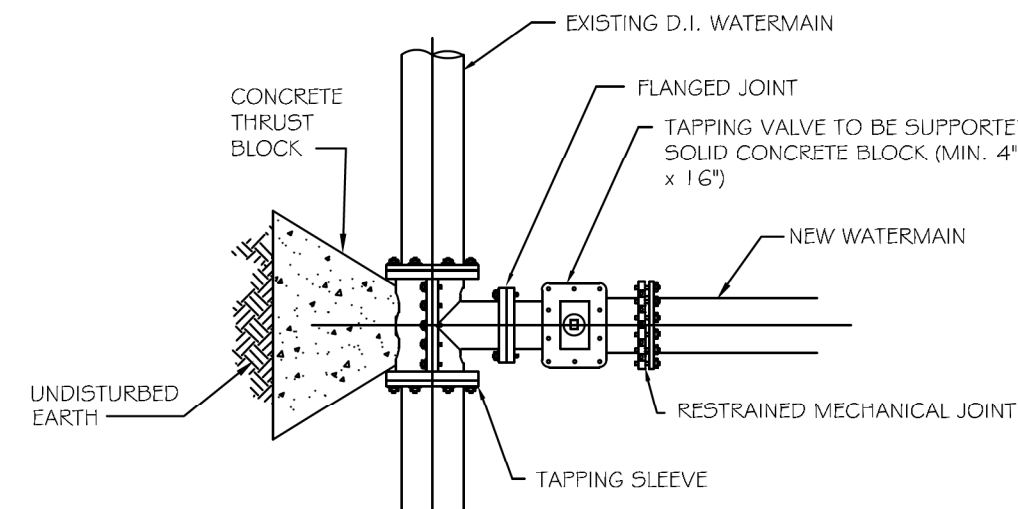
- NOTES:**
- TRENCH SHALL BE EITHER ADEQUATELY BRACED AND SHORED OR CUT SLOPES SHALL BE PROVIDED.
 - ALL BACKFILL TO BE COMPACTED IN 12" LIFTS PER STANDARD SPECIFICATION SECTION 203-3.1.2.
 - SPECIFICATION REFERENCES ARE TO NYSDOT STANDARD SPECIFICATIONS.

1 TYPICAL TRENCH SECTION IN PAVEMENT
D100 SCALE: NTS



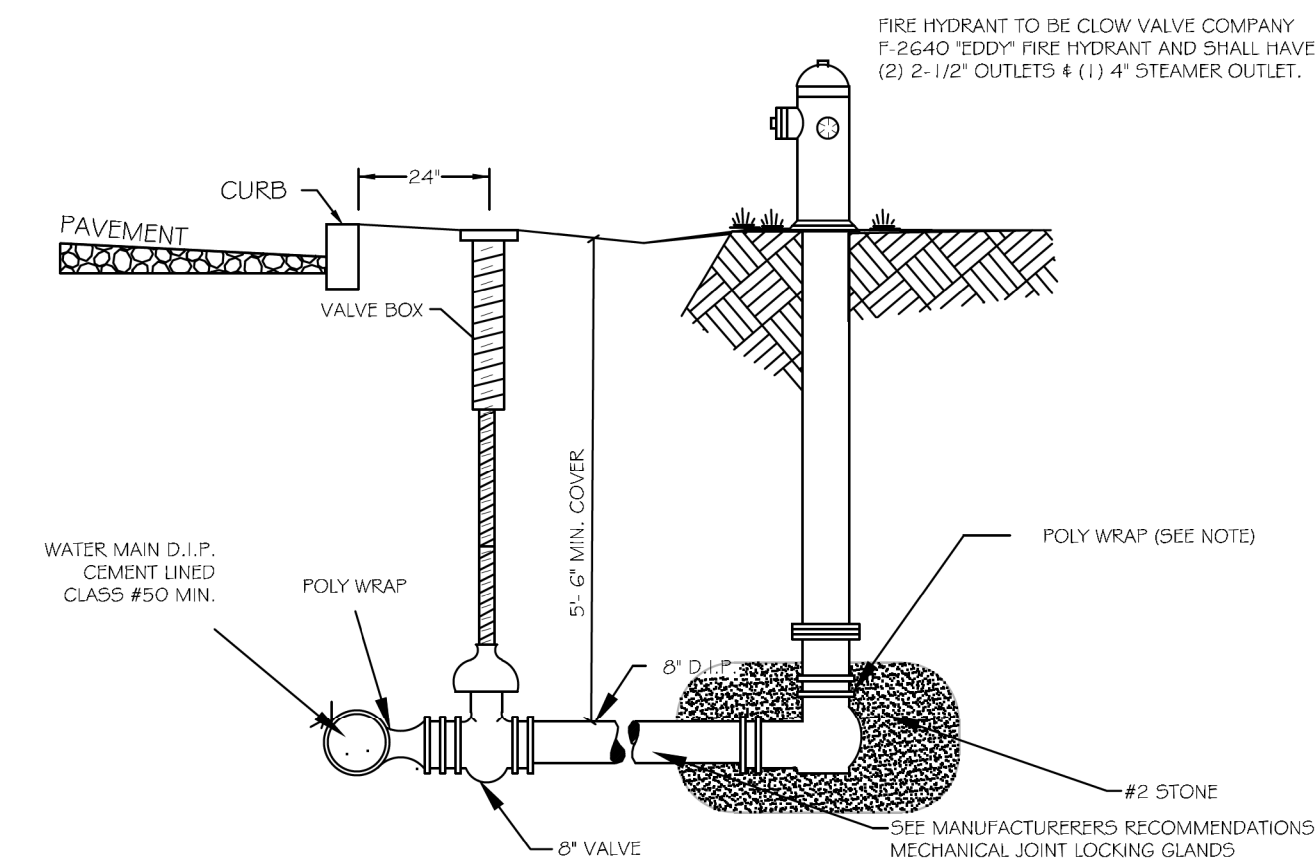
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- TRENCH SHALL BE EITHER ADEQUATELY BRACED AND SHORED OR CUT SLOPES SHALL BE PROVIDED.
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 - SPECIFICATION REFERENCES ARE TO NYSDOT STANDARD SPECIFICATIONS.

2 TYPICAL TRENCH DETAIL - NON-PAVEMENT AREAS
D100 SCALE: NTS



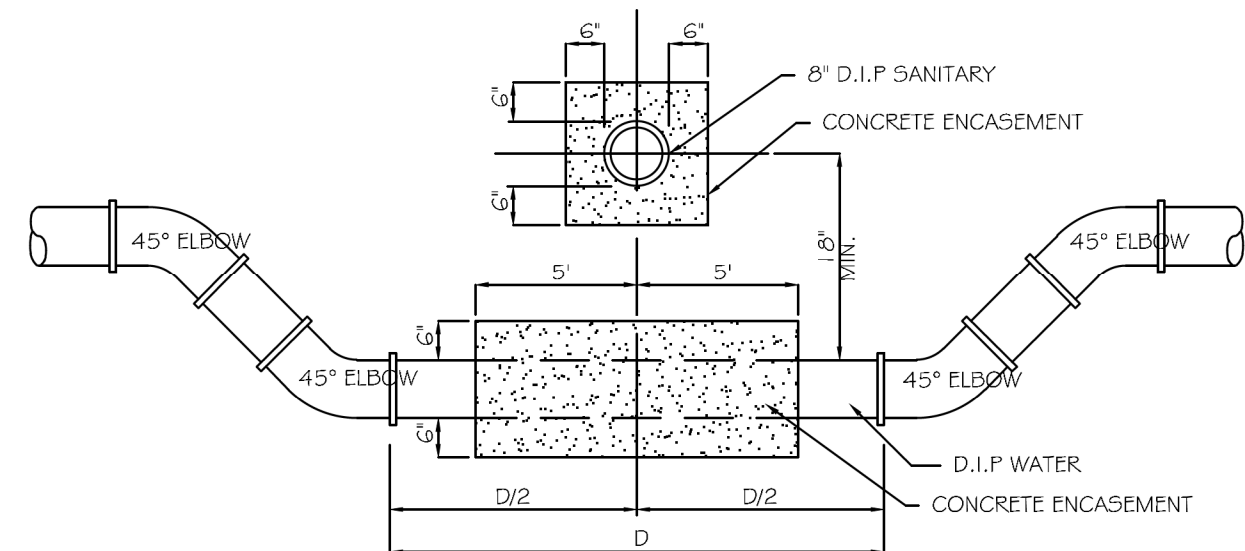
- NOTE:**
- IRON TAPPING SLEEVE SHALL BE COATED WITH BITUMINOUS COATING.

3 TAPPING SLEEVE AND VALVE DETAIL
D100 SCALE: NTS



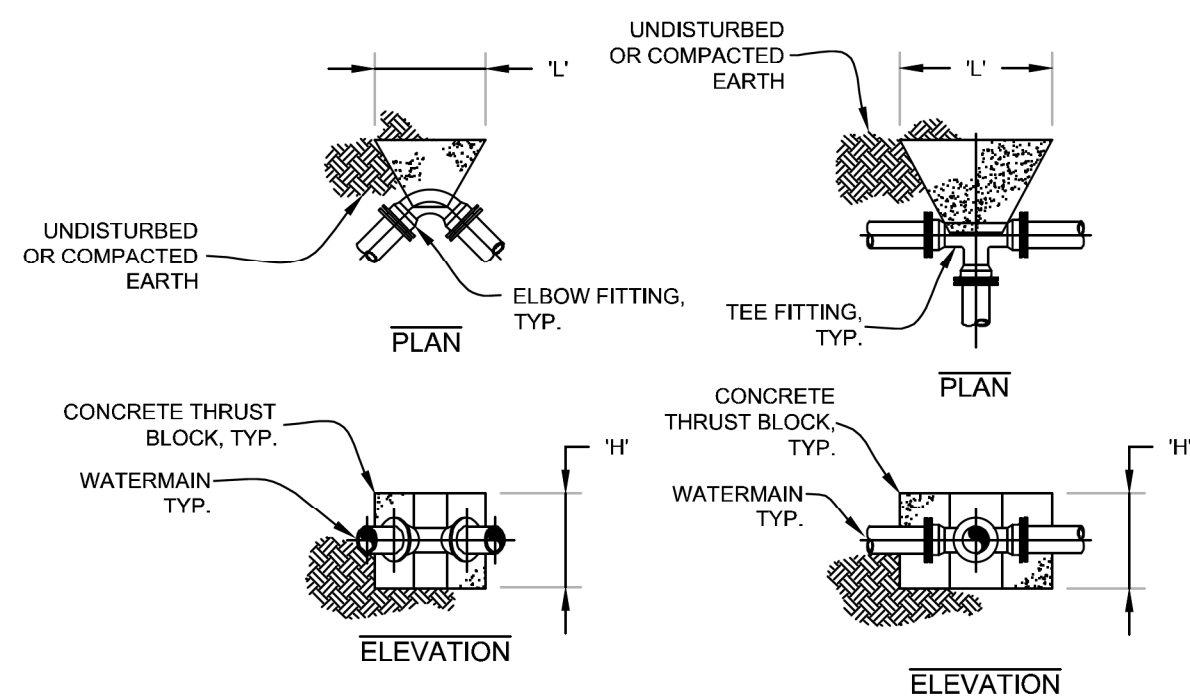
- NOTES:**
- CENTERLINE OF THE LOWEST NOZZLE TO FINISH GRADE SHALL BE A MIN. OF 15' & MAX. OF 18'.
 - HYDRANT SHALL BE INSTALLED A MINIMUM OF 10' BEHIND CURB AND 10' FROM PAVEMENT EDGE WHERE NO CURB EXISTS.
 - A CULVERT PIPE SHALL BE INSTALLED IN FRONT OF ANY HYDRANT LOCATED BEHIND A DITCH.
 - ALL CONCRETE THRUST BLOCKS TO BEAR ON UNDISTURBED GROUND.

4 TYPICAL FIRE HYDRANT INSTALLATION DETAIL
D100 SCALE: NTS



WATER MAINS CROSSING SEWERS SHALL BE LAID TO PROVIDE A MINIMUM VERTICAL DISTANCE OF 18 INCHES BETWEEN THE OUTSIDE OF WATER MAIN TO THE OUTSIDE OF THE SEWER. ONE FULL LENGTH OF WATER PIPE SHALL BE LOCATED SO BOTH JOINTS WILL BE AS FAR FROM THE SEWER AS POSSIBLE. SPECIAL SUPPORT FOR THE WATER AND SEWER PIPES MAY BE REQUIRED.

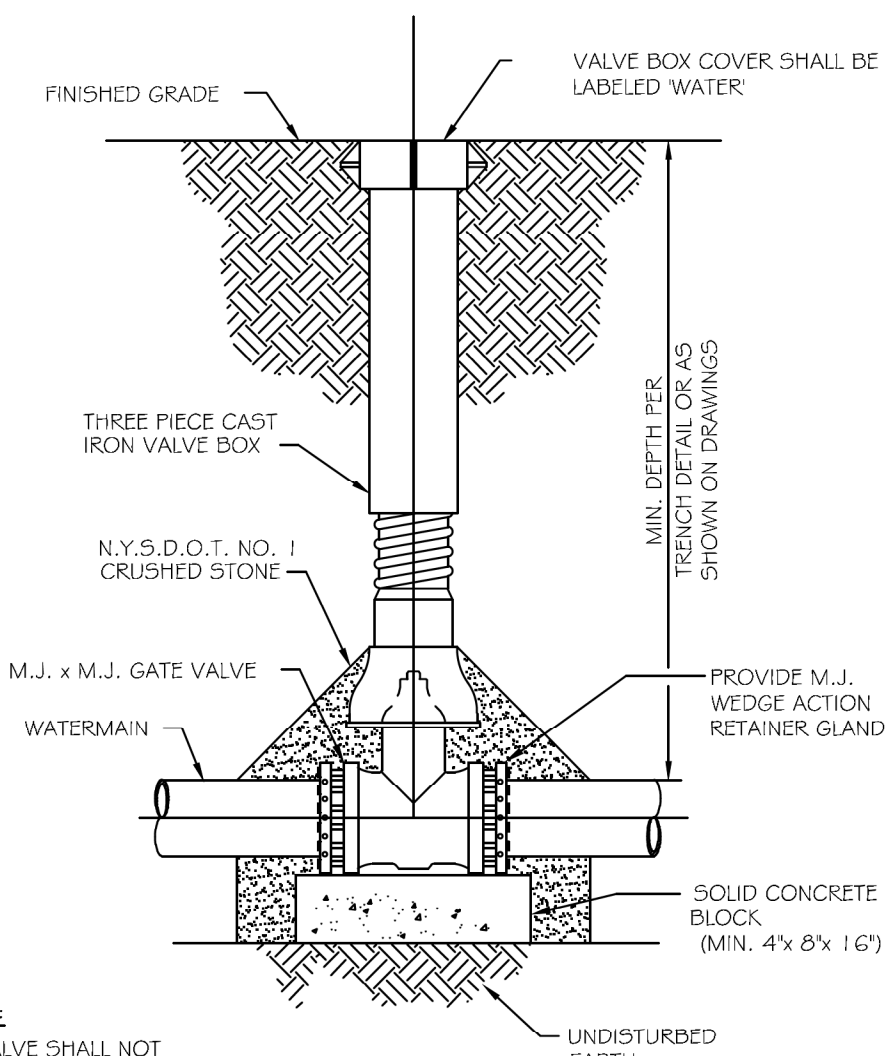
6 TYPICAL WATER & SEWER INTERSECTION
D100 SCALE: NTS



DIMENSION SCHEDULE (IN FEET)							
PIPE SIZE	90° ELBOW	45° ELBOW	22.5° ELBOW	11.25° ELBOW	TEE OR TAP SLEEVE	TEE OR TAP SLEEVE	TEE OR TAP SLEEVE
8"	2.25	5.00	1.75	3.50	1.50	2.50	1.50
12"	2.25	5.00	1.75	3.50	1.50	2.50	1.75

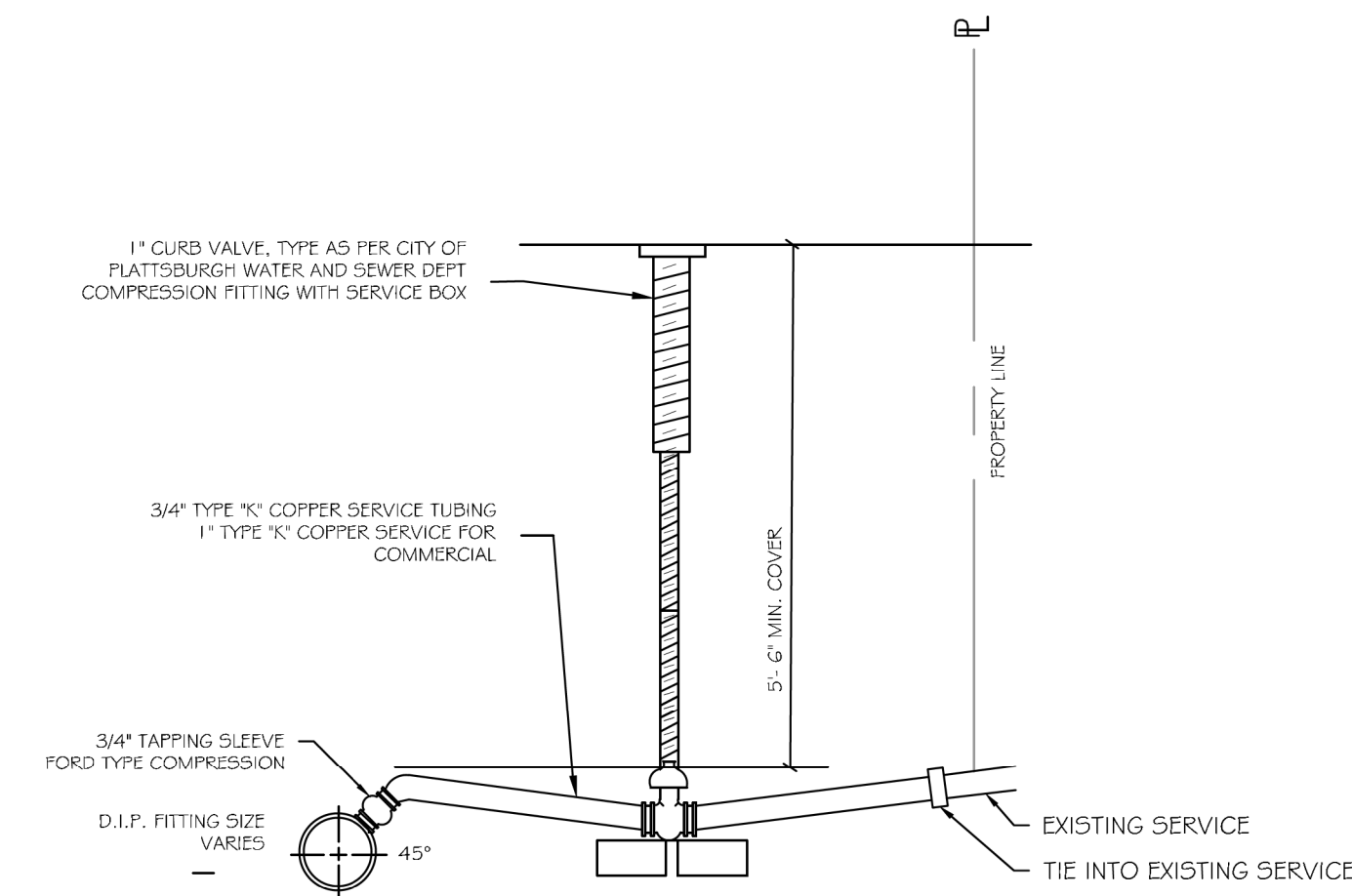
DIMENSION SCHEDULE (IN FEET)		
PIPE SIZE	TEE OR TAP SLEEVE	TEE OR TAP SLEEVE
8"	2.25	4.25

7 TYPICAL THRUST BLOCK DIMENSION SCHEDULE
D100 SCALE: NTS

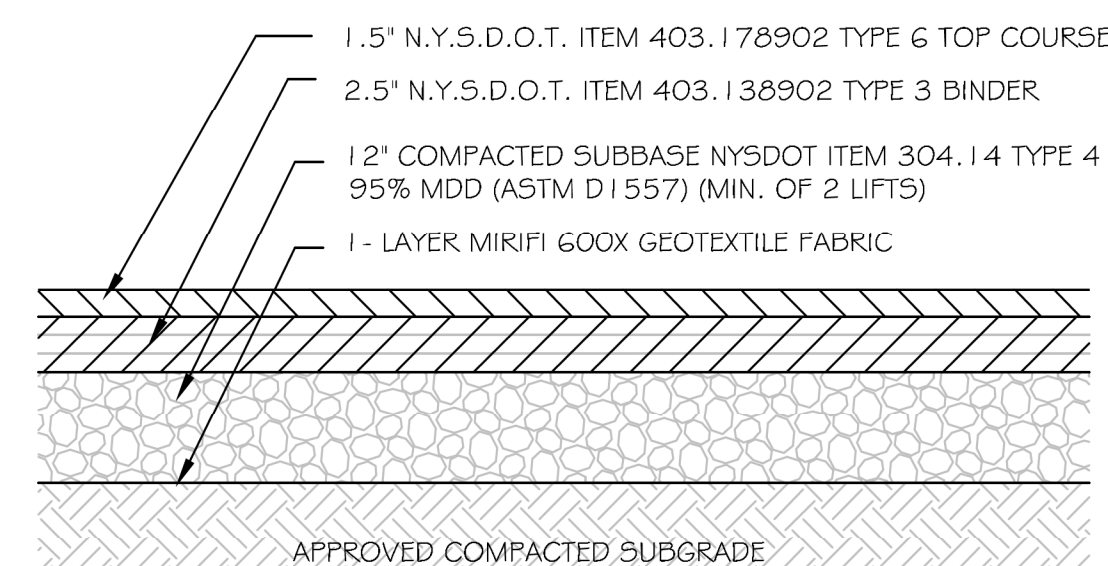


- NOTE:**
- VALVE SHALL NOT SUPPORT VALVE BOX.

8 TYPICAL LINE VALVE DETAIL
D100 SCALE: NTS



9 TYPICAL WATER SERVICE LATERAL
D100 SCALE: NTS



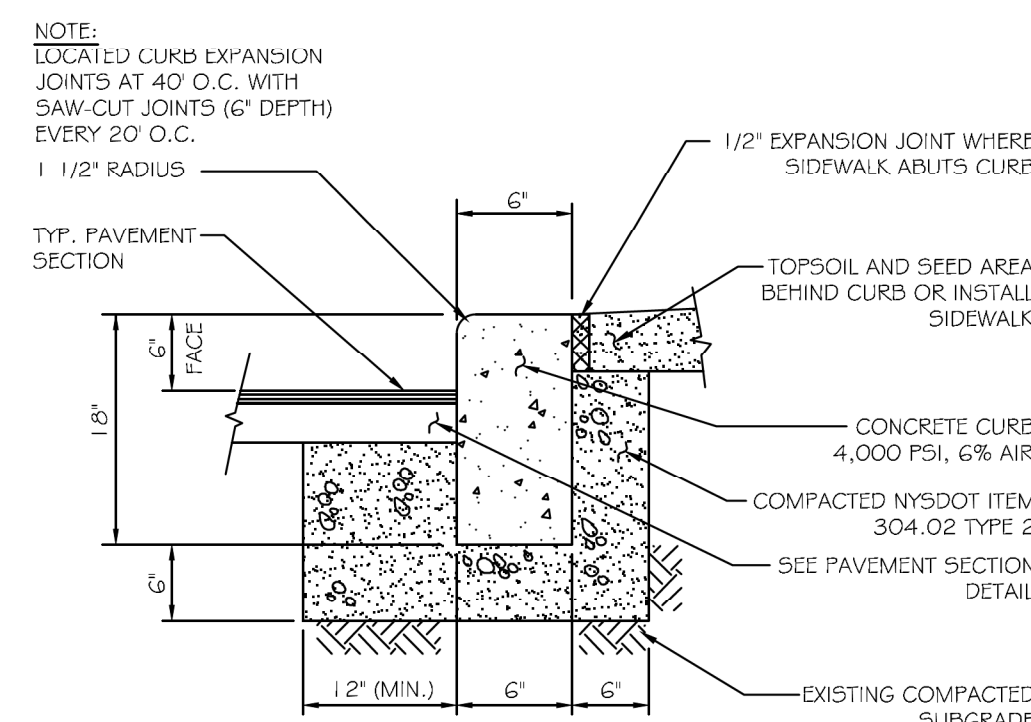
NOTE:

IF FILL IS REQUIRED TO MEET SUBGRADE ELEVATION THEN MATERIAL MUST MEET N.Y.S.D.O.T. ITEM 203.20 SELECT GRANULAR FILL COMPACTED TO MEET 100% MDD (ASTM D 1557) MAXIMUM LIFT OF 8"

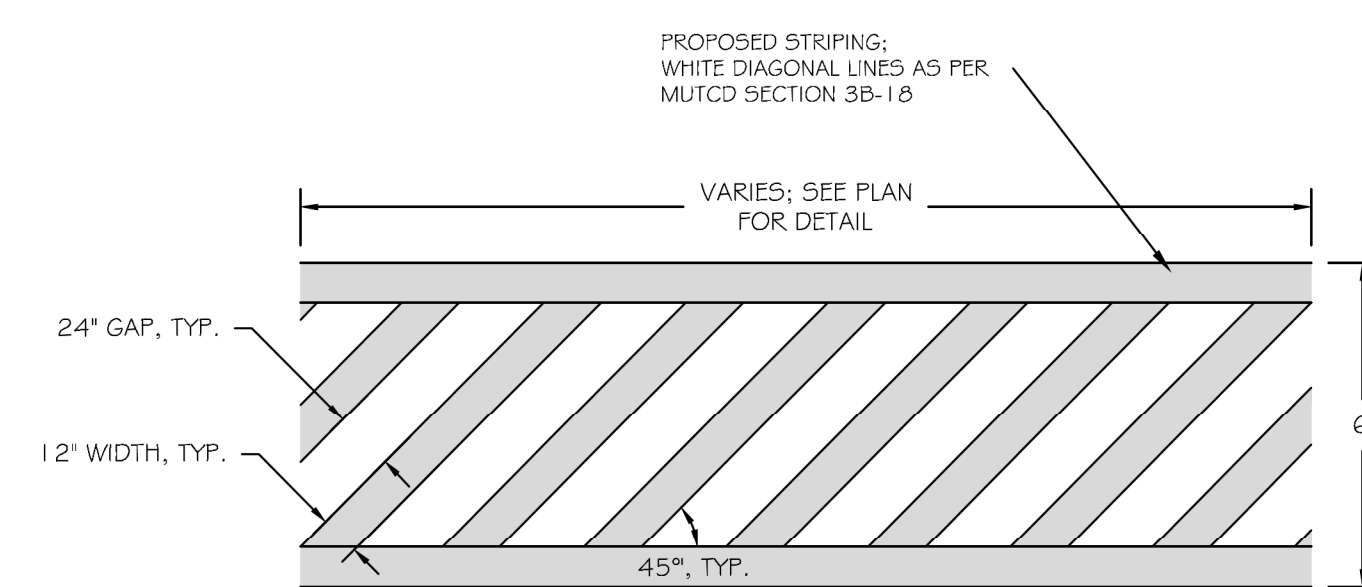
GENERAL NOTES

- PAVING BASE MATERIAL AND COMPACTION REQUIREMENTS ARE EQUAL TO STATE HIGHWAY SPECIFICATIONS.

10 TYPICAL ASPHALT PAVING SECTION
D100 SCALE: NTS

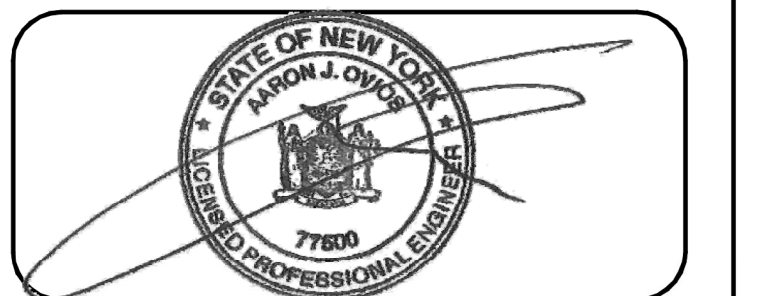


11 TYPICAL CURB DETAIL
D100 SCALE: NTS



12 TYPICAL CROSS WALK STRIPING DETAIL
D100 SCALE: NTS

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