



C1 EXISTING CONDITIONS

C2 DEMOLITION PLAN

C3 ~~**GRADING PLAN**~~ SEE SHEET C5 FOR GRADES

C4 SITE PLAN

C5 SEDIMENT CONTROL PLAN

C6 LOWER LEVEL PLAN

C7 LANDSCAPE PLAN

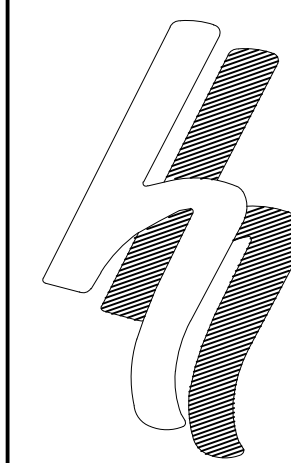
C8 DETAILS

C9 DETAILS

C10 DETAILS

C11 DETAILS

C12 PROFILES

Consulting Engineers
and Land Surveyors

18 Locust Street
Albany, New York 12203

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REMARKS	DATE

REVISIONS

REVISIONS

TITLE
QUACKENBUSH SQUARE
705 BROADWAY
ALBANY, NY

60052-6

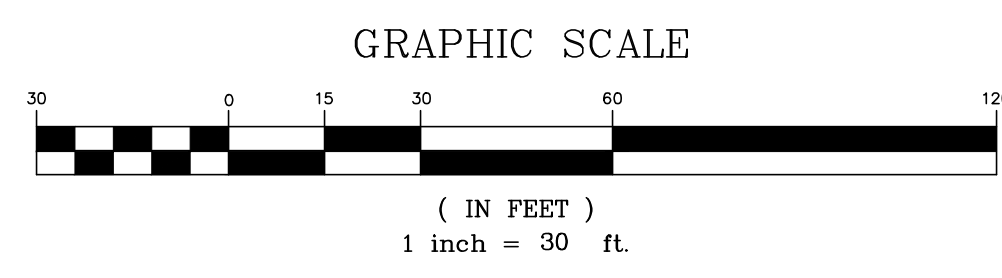
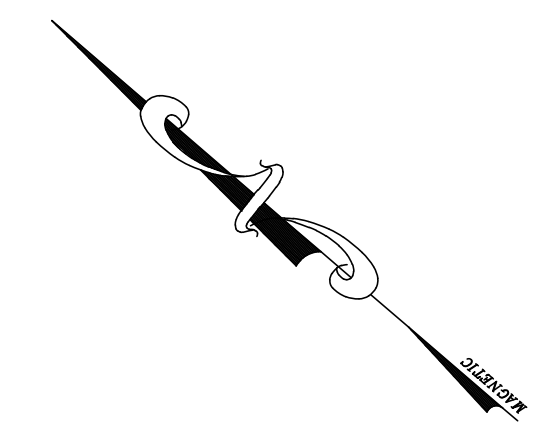
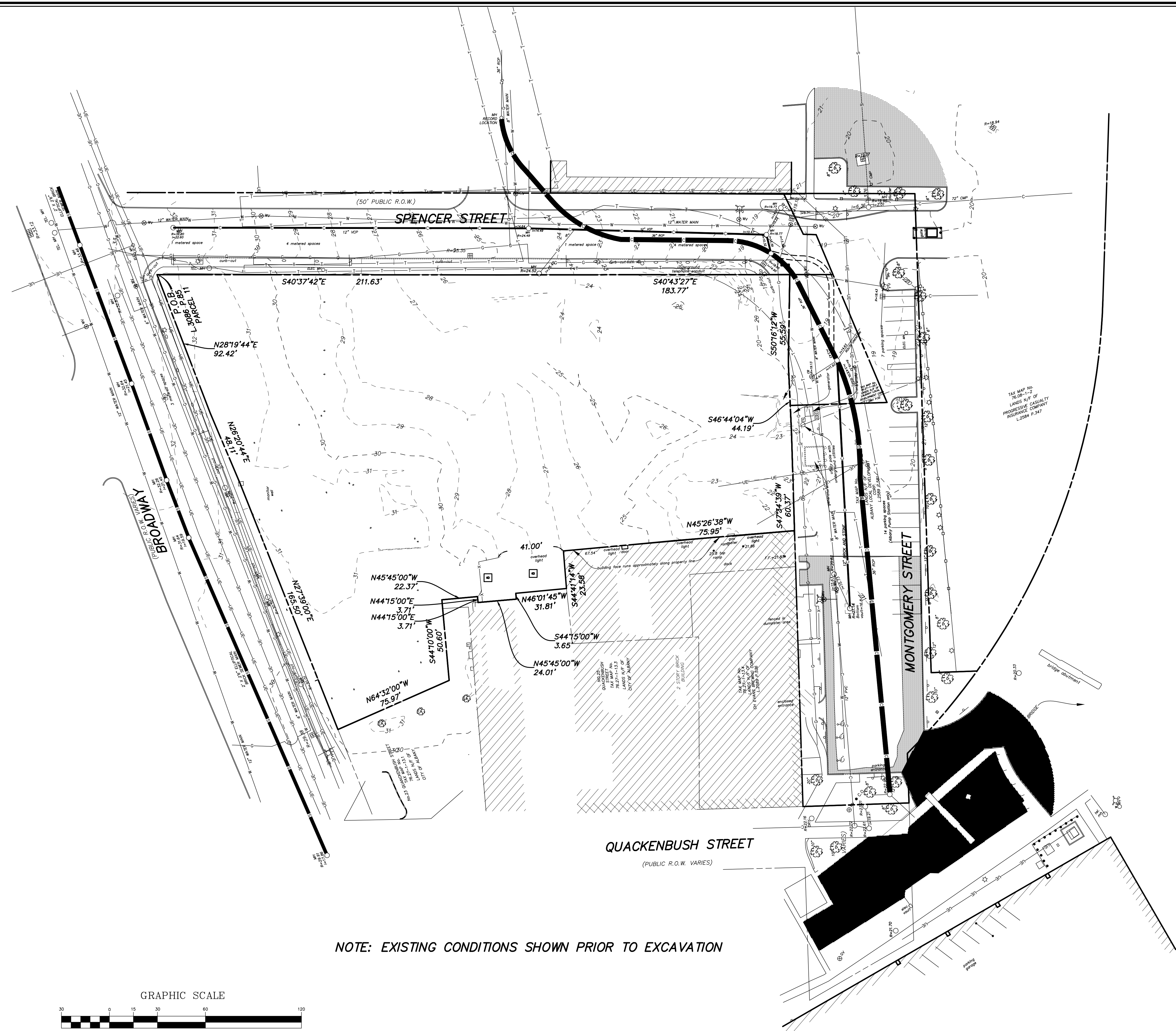
DATE: 8/30/18

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BY: AC

SCALE: 10-30

FILE- 160052



NOTE: EXISTING CONDITIONS SHOWN PRIOR TO EXCAVATION

LEGEND	
	MANHOLE
	CATCHBASIN
	SINK
	OVERHEAD WTR, UTILITY POLE
	WATER VALVE
	HYDRANT
	GAS VALVE
	LIGHT POLE
	EXISTING CONCRETE WALL
	EXISTING PAVEMENT
	EXISTING COMBINED SEWER
	EXISTING GAS MAIN
	EXISTING TEL. LINE
	EXISTING SANITARY LINE
	EXISTING UNDERGROUND ELECTRIC
	EXISTING WATER MAIN
	EXISTING CONTOURS

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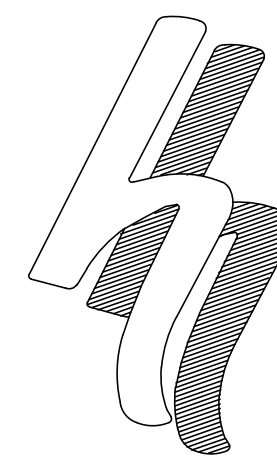
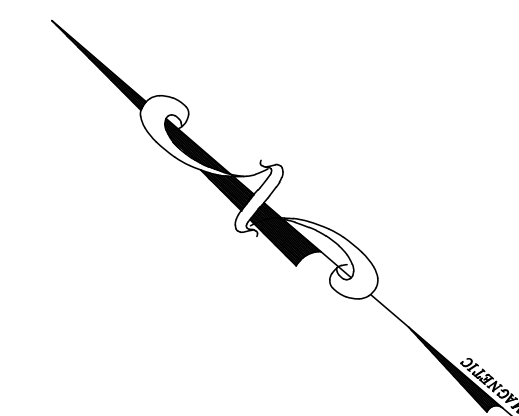
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DATE	
REMARKS	
REVISIONS	

**EXISTING CONDITIONS
QUACKENBUSH SQUARE
705 BROADWAY
ALBANY, NY**

FILE: 160052 SCALE: 1"=30' BY: AS CHK: DRH DATE: 8/20/18 160052-6

C1



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REVISIONS	
REMARKS	DATE

**DEMOLITION PLAN FOR
QUACKENBUSH SQUARE
705 BROADWAY
ALBANY, NY**

60052-6

DATE: 9/30/19

CHUK. 0000

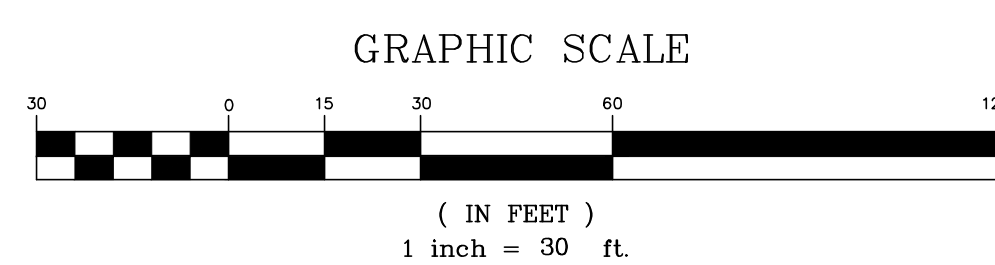
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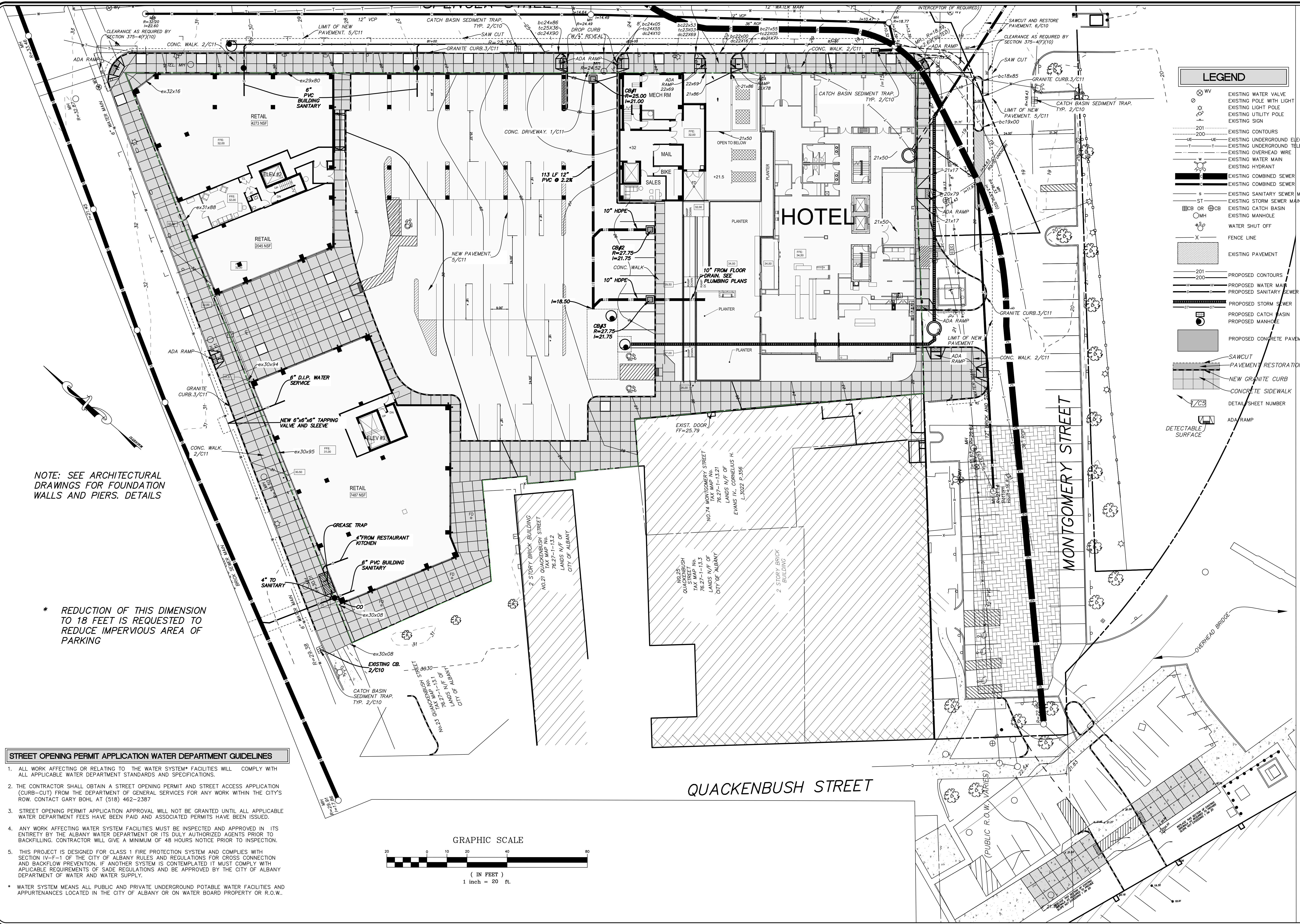
SCAF. 4th - 7th

FILE-160052

C2

NOTE: EXISTING CONDITIONS SHOWN PRIOR TO EXCAVATION





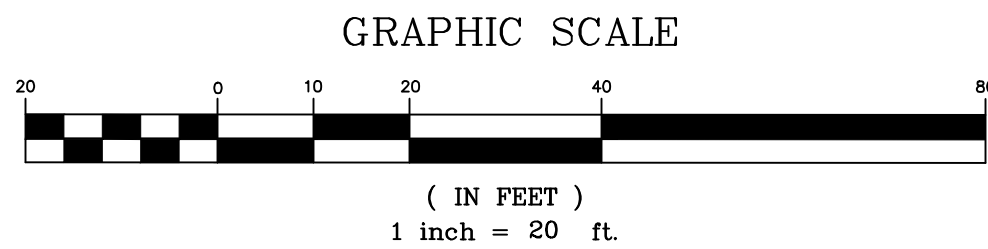
NOTE: SEE ARCHITECTURAL DRAWINGS FOR FOUNDATION WALLS AND PIERS. DETAILS

* REDUCTION OF THIS DIMENSION TO 18 FEET IS REQUESTED TO REDUCE IMPERVIOUS AREA OF PARKING

STREET OPENING PERMIT APPLICATION WATER DEPARTMENT GUIDELINES

1. ALL WORK AFFECTING OR RELATING TO THE WATER SYSTEM* FACILITIES WILL COMPLY WITH ALL APPLICABLE WATER DEPARTMENT STANDARDS AND SPECIFICATIONS.
2. THE CONTRACTOR SHALL OBTAIN A STREET OPENING PERMIT AND STREET ACCESS APPLICATION (CURB-CUT) FROM THE DEPARTMENT OF GENERAL SERVICES FOR ANY WORK WITHIN THE CITY'S ROW. CONTACT GARY BOHL AT (518) 462-2387
3. STREET OPENING PERMIT APPLICATION APPROVAL WILL NOT BE GRANTED UNTIL ALL APPLICABLE WATER DEPARTMENT FEES HAVE BEEN PAID AND ASSOCIATED PERMITS HAVE BEEN ISSUED.
4. ANY WORK AFFECTING WATER SYSTEM FACILITIES MUST BE INSPECTED AND APPROVED IN ITS ENTIRETY BY THE ALBANY WATER DEPARTMENT OR ITS DULY AUTHORIZED AGENTS PRIOR TO BACKFILLING. CONTRACTOR WILL GIVE A MINIMUM OF 48 HOURS NOTICE PRIOR TO INSPECTION.
5. THIS PROJECT IS DESIGNED FOR CLASS 1 FIRE PROTECTION SYSTEM AND COMPLIES WITH SECTION IV-F-1 OF THE CITY OF ALBANY RULES AND REGULATIONS FOR CROSS CONNECTION AND BACKFLOW PREVENTION. IF ANOTHER SYSTEM IS CONTEMPLATED IT MUST COMPLY WITH APPLICABLE REQUIREMENTS OF SAE REGULATIONS AND BE APPROVED BY THE CITY OF ALBANY DEPARTMENT OF WATER AND WATER SUPPLY.

* WATER SYSTEM MEANS ALL PUBLIC AND PRIVATE UNDERGROUND POTABLE WATER FACILITIES AND APPURTENANCES LOCATED IN THE CITY OF ALBANY OR ON WATER BOARD PROPERTY OR R.O.W.



LEGEND

	EXISTING WATER VALVE
	EXISTING POLE WITH LIGHT
	EXISTING LIGHT POLE
	EXISTING UTILITY POLE
	EXISTING SIGN
	EXISTING CONTOURS
	EXISTING UNDERGROUND ELECTRIC
	EXISTING UNDERGROUND TELEPHONE
	EXISTING OVERHEAD WIRE
	EXISTING WATER MAIN
	EXISTING HYDRANT
	EXISTING COMBINED SEWER
	EXISTING COMBINED SEWER
	EXISTING SANITARY SEWER MAIN
	EXISTING STORM SEWER MAIN
	EXISTING CATCH BASIN
	EXISTING MANHOLE
	WATER SHUT OFF
	FENCE LINE
	EXISTING PAVEMENT
	PROPOSED CONTOURS
	PROPOSED WATER MAIN
	PROPOSED SANITARY SEWER MAIN
	PROPOSED STORM SEWER
	PROPOSED CATCH BASIN
	PROPOSED MANHOLE
	PROPOSED CONCRETE PAVEMENT
	SAWCUT PAVEMENT RESTORATION
	NEW GRANITE CURB
	CONCRETE SIDEWALK
	DETECTABLE SURFACE
	ADA RAMP

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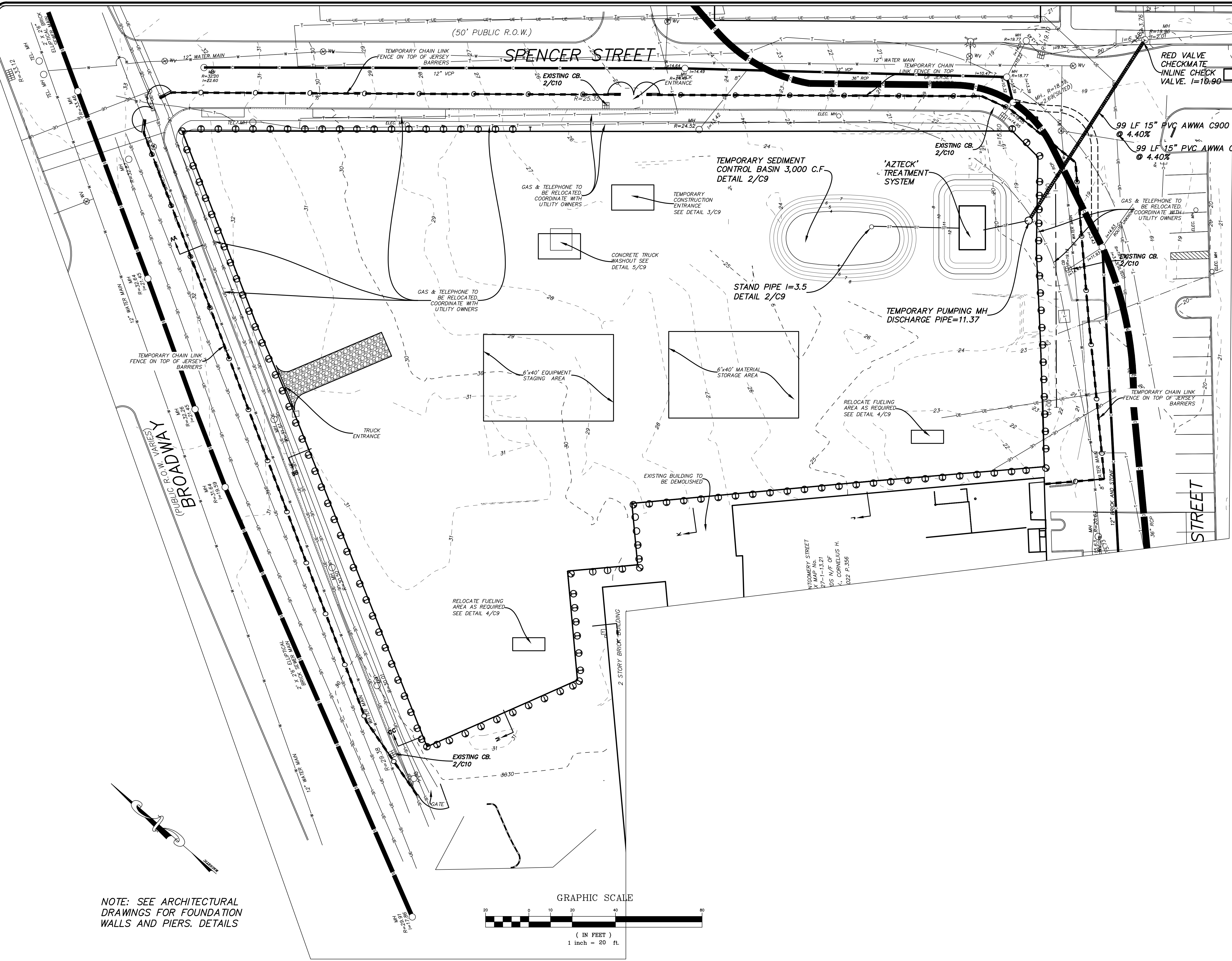
DATE	REVISIONS
1/3/19	BUILDING REVISED
2/8/19	DETENTION TANK REVISED

REVISIONS
BUILDING REVISED
DETENTION TANK REVISED

SITE PLAN
QUACKENBUSH SQUARE
705 BROADWAY
ALBANY, NY

FILE: 160052
SCALE: 1"=20'
BY: AS
CHK: DRH
DATE: 8/20/18
160052-5

C4



LEGEND

EXISTING WATER VALVE

EXISTING POLE WITH LIGHT

EXISTING LIGHT POLE

EXISTING UTILITY POLE

EXISTING SIGN

EXISTING CONTOURS

EXISTING UNDERGROUND ELECTRIC

EXISTING UNDERGROUND TELEPHONE

EXISTING OVERHEAD WIRE

EXISTING WATER MAIN

EXISTING HYDRANT

EXISTING COMBINED SEWER

EXISTING COMBINED SEWER

EXISTING SANITARY SEWER MAIN

EXISTING STORM SEWER MAIN

EXISTING CATCH BASIN

EXISTING MANHOLE

WATER SHUT OFF

FENCE LINE

EXISTING PAVEMENT

PROPOSED CONTOURS

PROPOSED WATER MAIN

PROPOSED SANITARY SEWER MAIN

PROPOSED STORM SEWER

PROPOSED CATCH BASIN

PROPOSED MANHOLE

PROPOSED CONCRETE PAVEMENT

SAWCUT

PAVEMENT RESTORATION

NEW GRANITE CURB

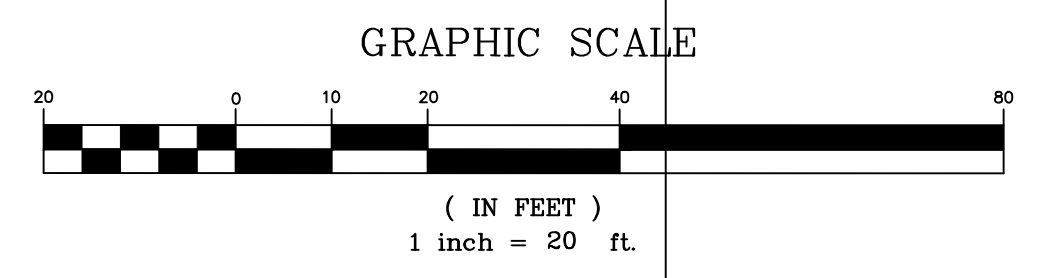
CONCRETE SIDEWALK

DETAIL/SHEET NUMBER

ADA RAMP

DETECTABLE SURFACE

NOTE: SEE ARCHITECTURAL DRAWINGS FOR FOUNDATION WALLS AND PIERS. DETAILS



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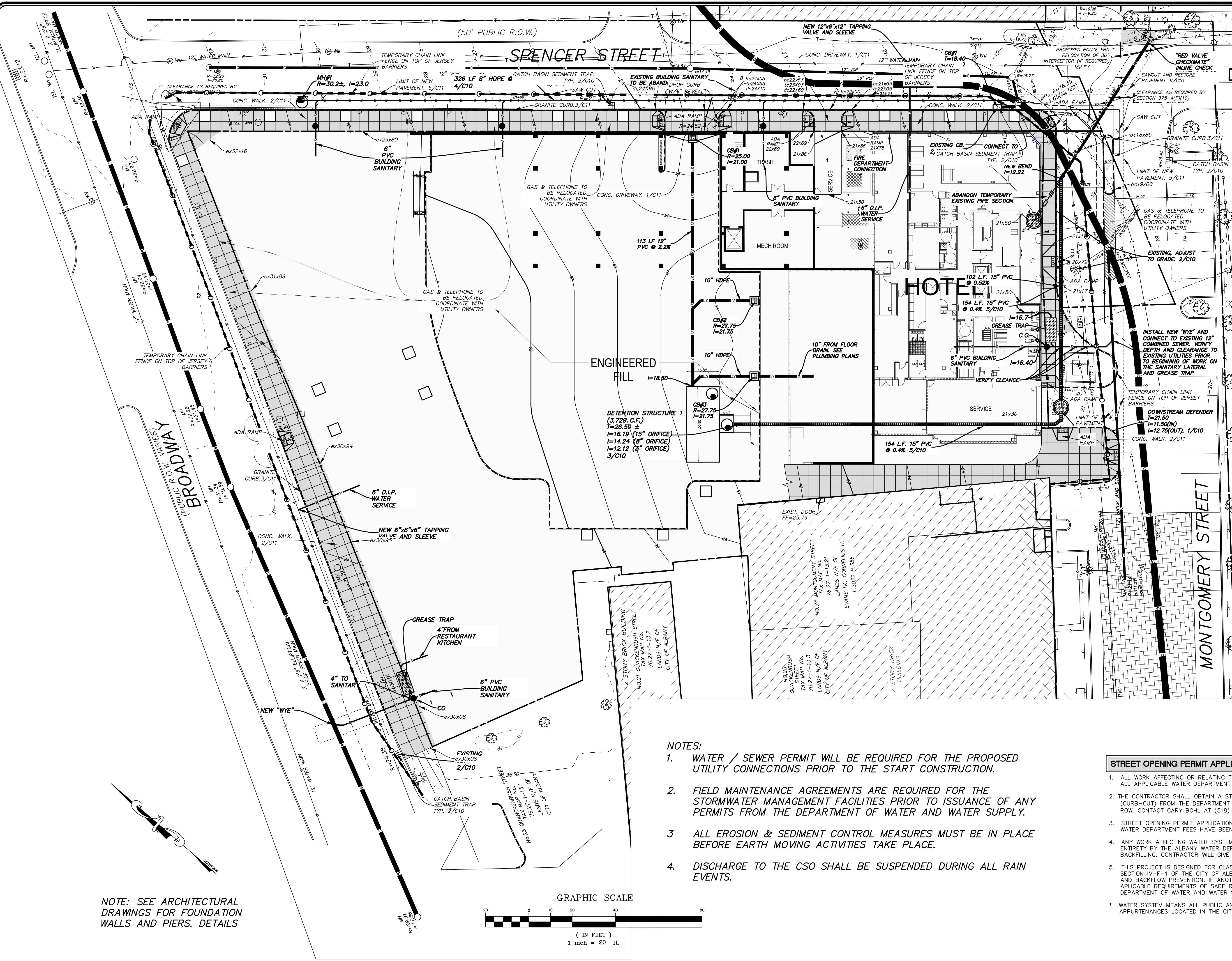
DATE	REMARKS

REVISIONS

SEDIMENTATION AND EROSION CONTROL PLAN
QUACKENBUSH SQUARE
705 BROADWAY
ALBANY, NY

FILE: 160052
SCALE: 1"=20'
BY: AS
CHK: DRH
DATE: 8/20/18
160052-6

C5



LEGEND

EXISTING WATER VALVE

EXISTING POLE WITH LIGHT

EXISTING LIGHT POLE

EXISTING UTILITY POLE

EXISTING SIGN

EXISTING CONTOURS

EXISTING UNDERGROUND ELECTRIC

EXISTING UNDERGROUND TELEPHONE

EXISTING OVERHEAD WIRE

EXISTING WATER MAIN

EXISTING HYDRANT

EXISTING COMBINED SEWER

EXISTING COMBINED SEWER

EXISTING SANITARY SEWER MAIN

EXISTING STORM SEWER MAIN

EXISTING CATCH BASIN

EXISTING MANHOLE

WATER SHUT OFF

FENCE LINE

EXISTING PAVEMENT

PROPOSED CONTOURS

PROPOSED WATER MAIN

PROPOSED SANITARY SEWER MAIN

PROPOSED STORM SEWER

PROPOSED CATCH BASIN

PROPOSED MANHOLE

PROPOSED CONCRETE PAVEMENT

SAWCUT

PAVEMENT RESTORATION

NEW GRANITE CURB

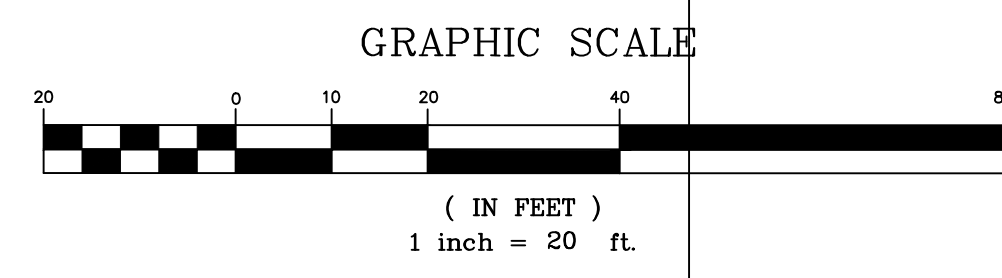
CONCRETE SIDEWALK

DETAIL/SHEET NUMBER

DETECTABLE SURFACE

ADA RAMP

NOTE: SEE ARCHITECTURAL
DRAWINGS FOR FOUNDATION
WALLS AND PIERS. DETAILS



- NOTES:
1. WATER / SEWER PERMIT WILL BE REQUIRED FOR THE PROPOSED UTILITY CONNECTIONS PRIOR TO THE START CONSTRUCTION.
 2. FIELD MAINTENANCE AGREEMENTS ARE REQUIRED FOR THE STORMWATER MANAGEMENT FACILITIES PRIOR TO ISSUANCE OF ANY PERMITS FROM THE DEPARTMENT OF WATER AND WATER SUPPLY.
 3. ALL EROSION & SEDIMENT CONTROL MEASURES MUST BE IN PLACE BEFORE EARTH MOVING ACTIVITIES TAKE PLACE.
 4. DISCHARGE TO THE CSO SHALL BE SUSPENDED DURING ALL RAIN EVENTS.

- STREET OPENING PERMIT APPLICATION WATER DEPARTMENT GUIDELINES**
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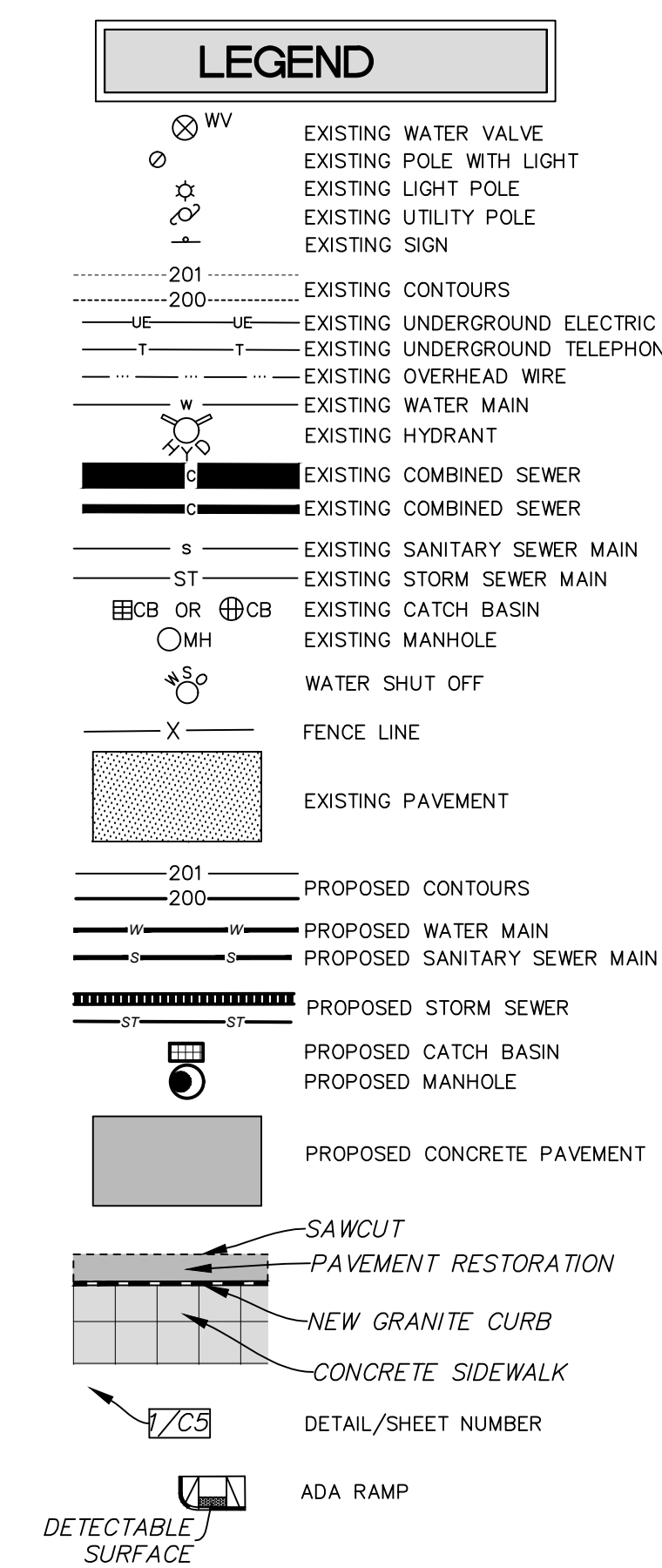
DATE	REVISIONS
9/13/18	DETENTION TANK REVISED
1/1/19	BUILDING REVISED
2/8/19	DETENTION TANK REVISED

REVISIONS

LOWER LEVEL PLAN
STORM SEWER, SANITARY SEWER AND WATER SERVICE CONNECTIONS
QUACKENBUSH SQUARE
705 BROADWAY ALBANY, NY

FILE: 160052
SCALE: 1"=20'
DATE: 8/20/18
CHK: DRH
BY: AS
160052-6

C6



The diagram illustrates a tree with a root ball and burlap wrapping. Key components and specifications are labeled as follows:

- Set top of root ball at or slightly above fin. grade**: Points to the top of the root ball.
- 4" Mulch (Sample to be approved)**: Points to the mulch layer on the soil surface.
- Cut burlap from top 1/3 of root ball**: Points to the burlap wrapping on the root ball.
- 3" soil saucer (typ)**: Points to the saucer-shaped top of the root ball.
- Topsoil**: Points to the layer of soil above the subsoil.
- Subsoil**: Points to the layer of soil below the topsoil.
- CU Structural soil**: Points to the structural soil layer surrounding the root ball.
- 6" Min.**: Points to the minimum height of the structural soil layer.
- 6" Min.**: Points to the minimum diameter of the root ball.
- Equals twice ball diameter**: Points to the width of the structural soil layer.
- Compact planting mix below ball (typ)**: Points to the compacted soil below the root ball.
- Scarify glazed sides or hardened surface if pits or dips with quarring devices**: Points to the sides of the root ball.

BALLED AND BURLAPPED

2 strands of 12 gauge galv. wire, twisted

2"x2"x8'-0" Pointed Cedar Stakes: 3 stakes per tree - drive at angle and draw vertical

Cut burlap from top 1/3 of root ball

4" Mulch - finely shredded bark mulch (Sample to be approved)

3" Soil saucer typ. Finished grade

Topsoil

Subsoil

CU Structural mix below ball. Pitch to perimeter of pit

Tree pit construction details:

- Guy wires - Double strand #12 galvanized wire, 3 per plant
- Treewrap - 6" wide heavy duty burlap
- Turnbuckle - 1/4" x 4"
- Flag - White plastic, 3" x 10"
- Set top of root ball at or slightly above fin. grade
- 3" below grade
- 60° Min.
- 30° Min.
- 12" Min.
- 6" Min.
- 2"x2" Stakes
- Scarify glazed sides or hardened surface if pits are dug with digging device
- Equals twice

Notes:

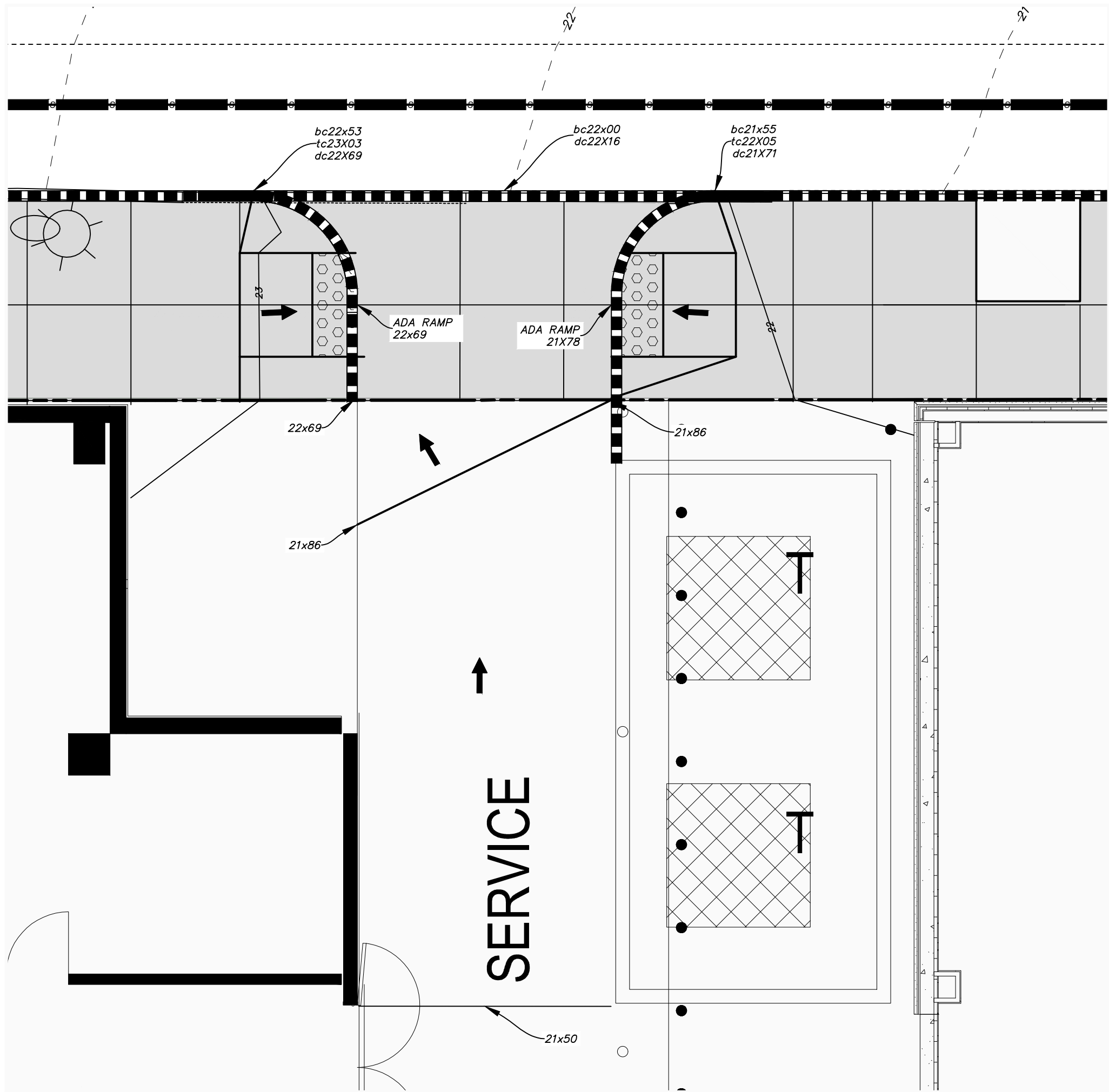
1. In areas of mass planting, continuously excavate and mulch entire bed.
2. Do not add fertilizer to planting mix for fall planting.

SHRUB PLANTING DETAIL

NOT TO SCALE

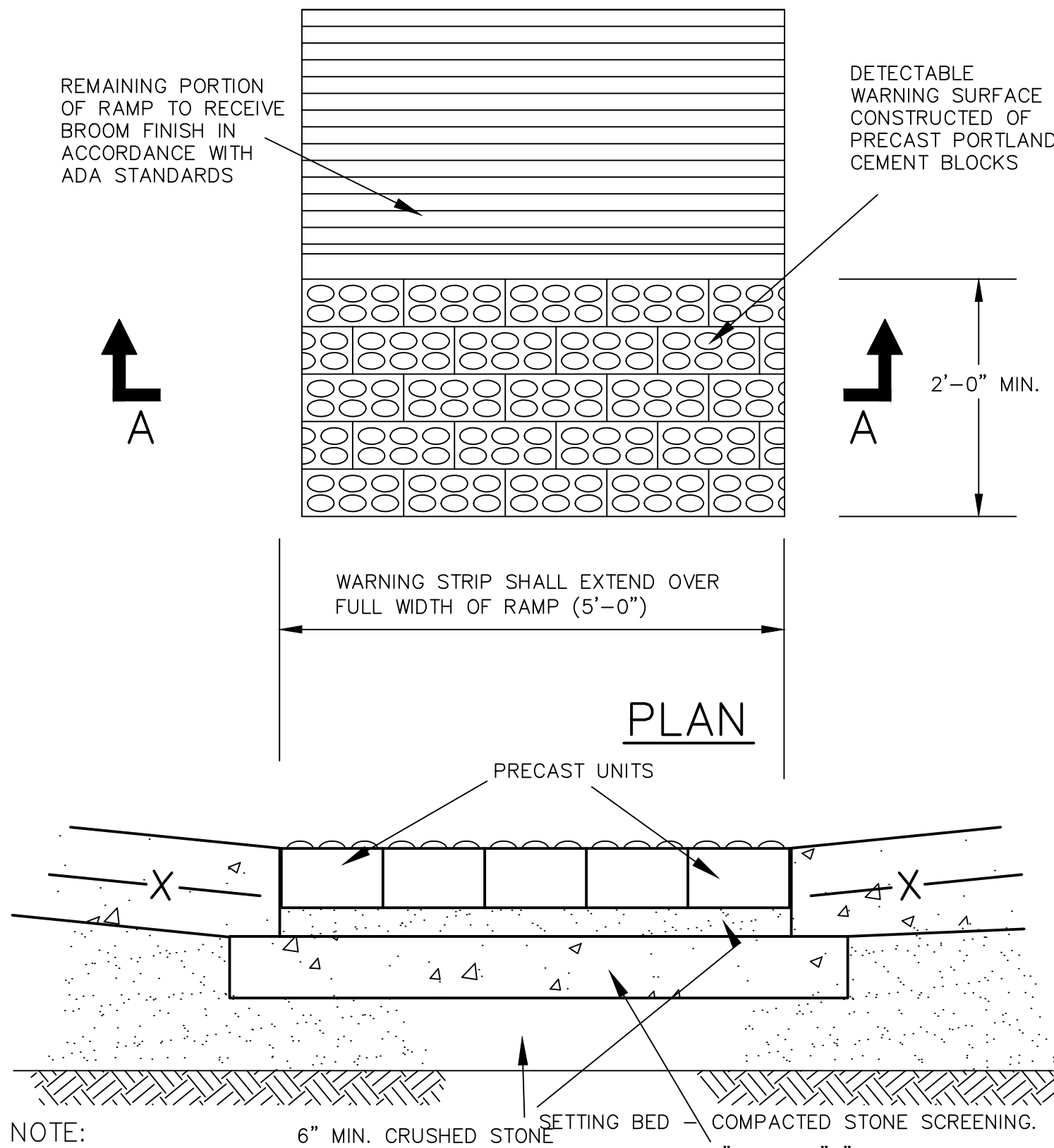
TREE PLANTING DETAIL

NOT TO SCALE



TRUCK SERVICE AREA DETAIL

NOT TO SCALE

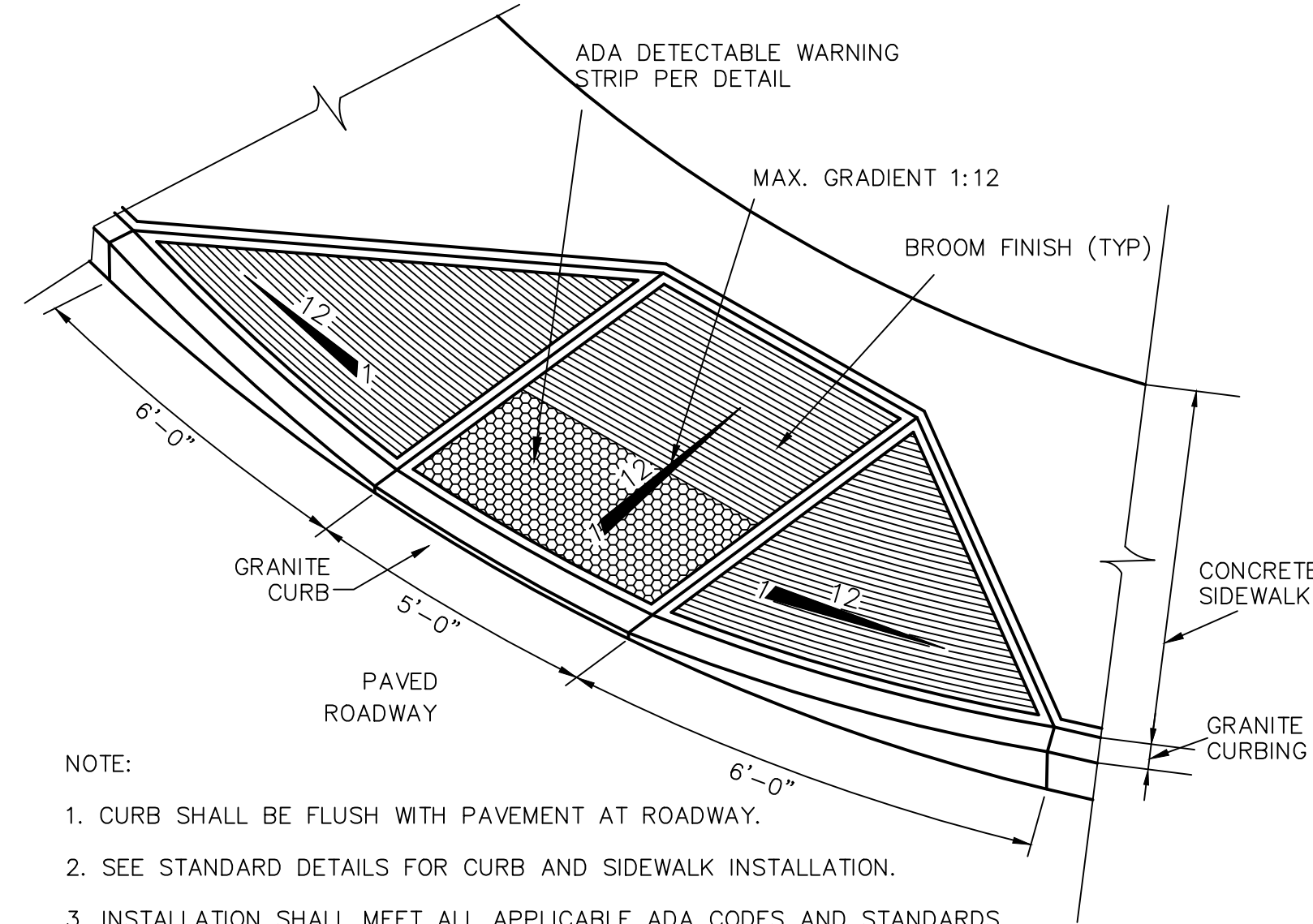


SECTION A

- NOTE:
1. THE COLOR OF THE DETECTABLE WARNING SURFACE SHALL BE DARK GRAY, MUNSELL BOOK NOTATION BG-PB. THIS COLOR IS THE CITY OF ALBANY STANDARD COLOR FOR DETECTABLE SURFACES.
 2. SEE STANDARD DETAILS FOR CURBS, SIDEWALK, AND SIDEWALK RAMP INSTALLATION.
 3. INSTALLATION SHALL MEET ALL APPLICABLE ADA CODES AND STANDARDS.

ADA DETECTABLE WARNING STRIP DETAIL

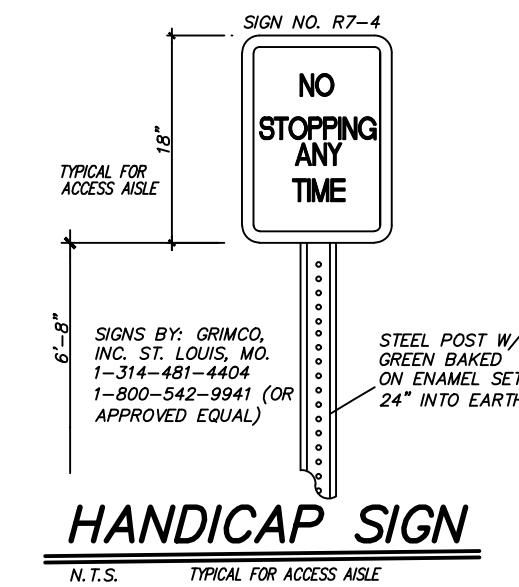
NOT TO SCALE



- NOTE:
1. CURB SHALL BE FLUSH WITH PAVEMENT AT ROADWAY.
 2. SEE STANDARD DETAILS FOR CURB AND SIDEWALK INSTALLATION.
 3. INSTALLATION SHALL MEET ALL APPLICABLE ADA CODES AND STANDARDS.

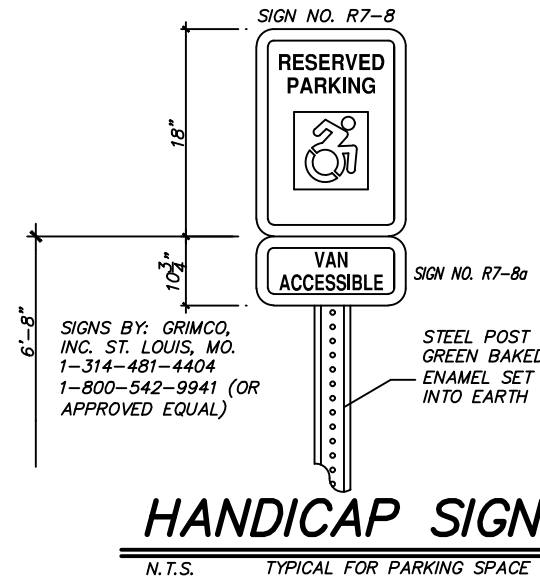
SIDEWALK RAMP AT STREET CORNER DETAIL

NOT TO SCALE



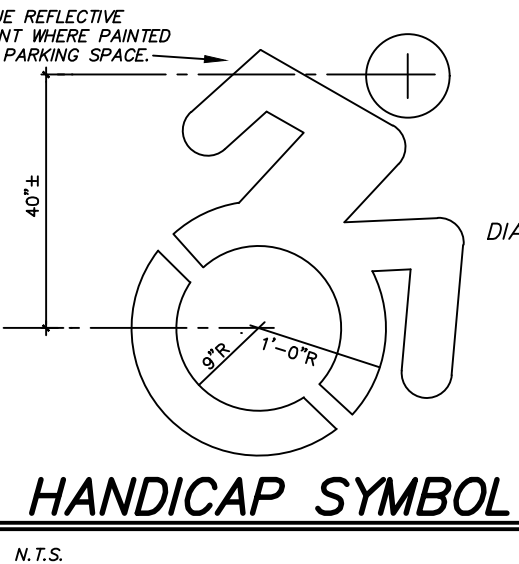
HANDICAP SIGN

N.T.S.



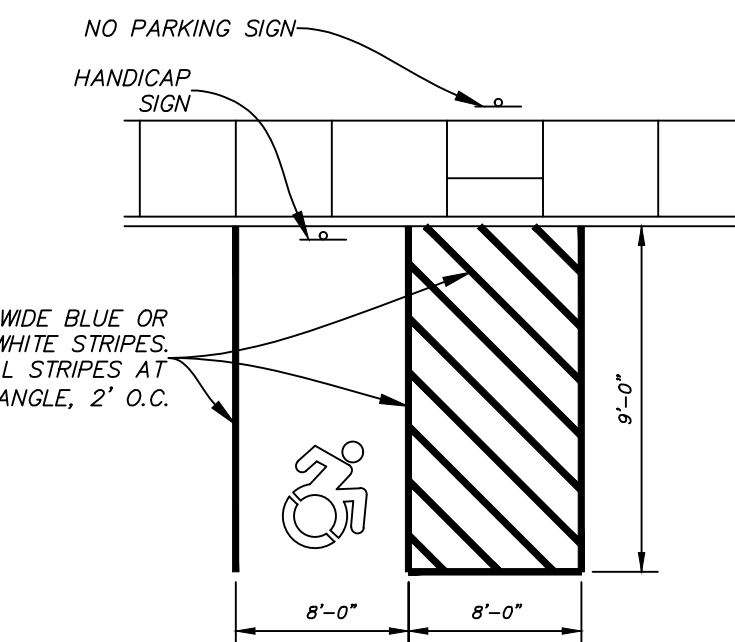
HANDICAP SIGN

N.T.S.



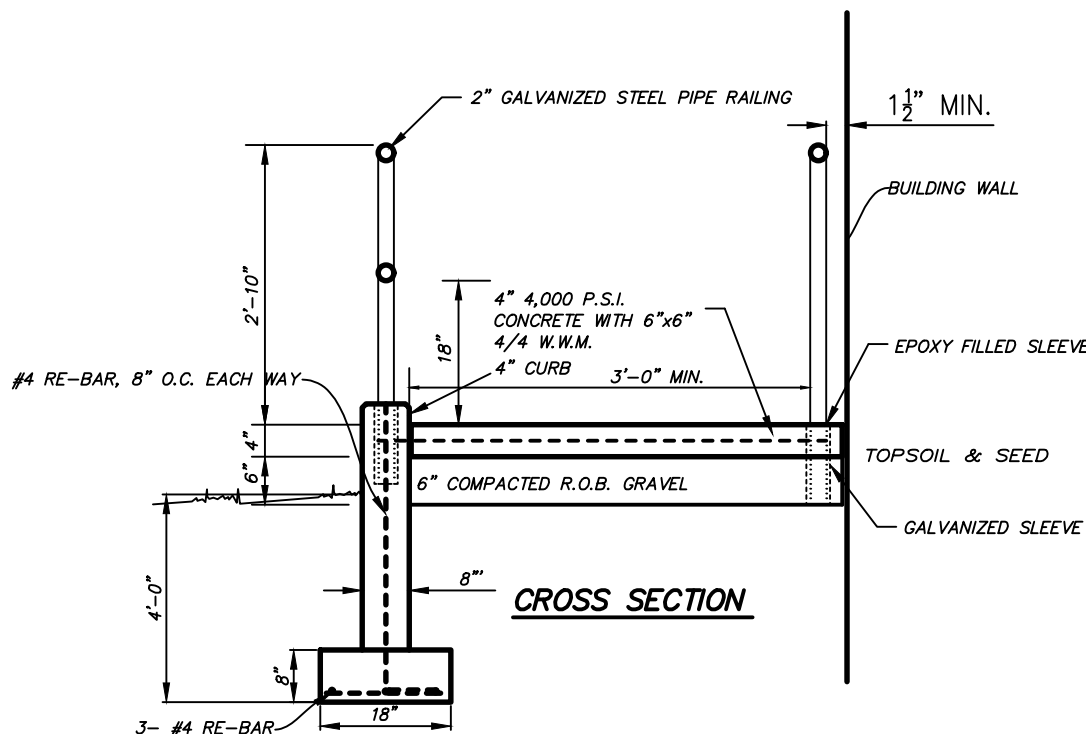
HANDICAP SYMBOL

N.T.S.



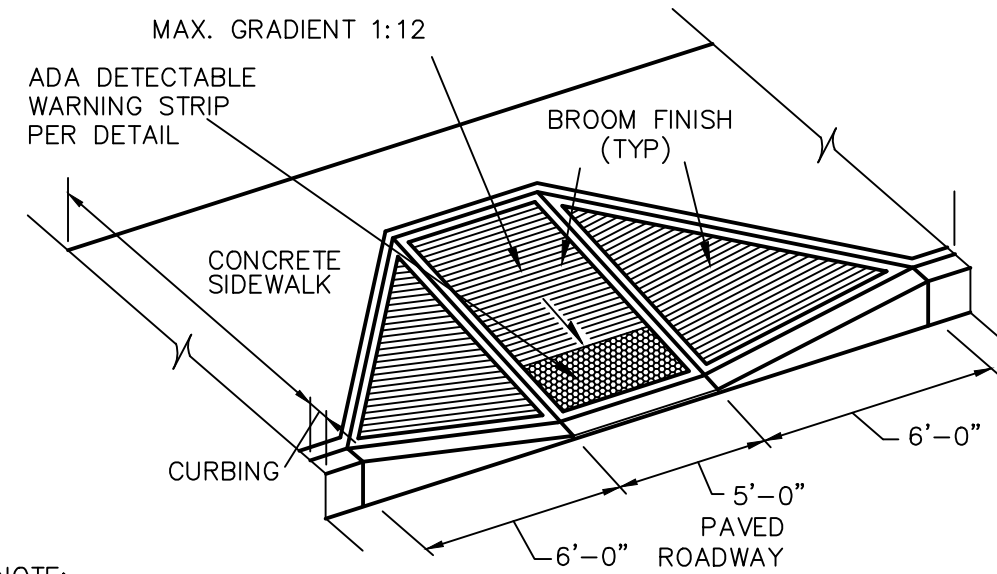
VAN ACCESSIBLE PARKING HANDICAPPED PAVEMENT STRIPING DETAIL

NOT TO SCALE



HANDICAPPED RAMP

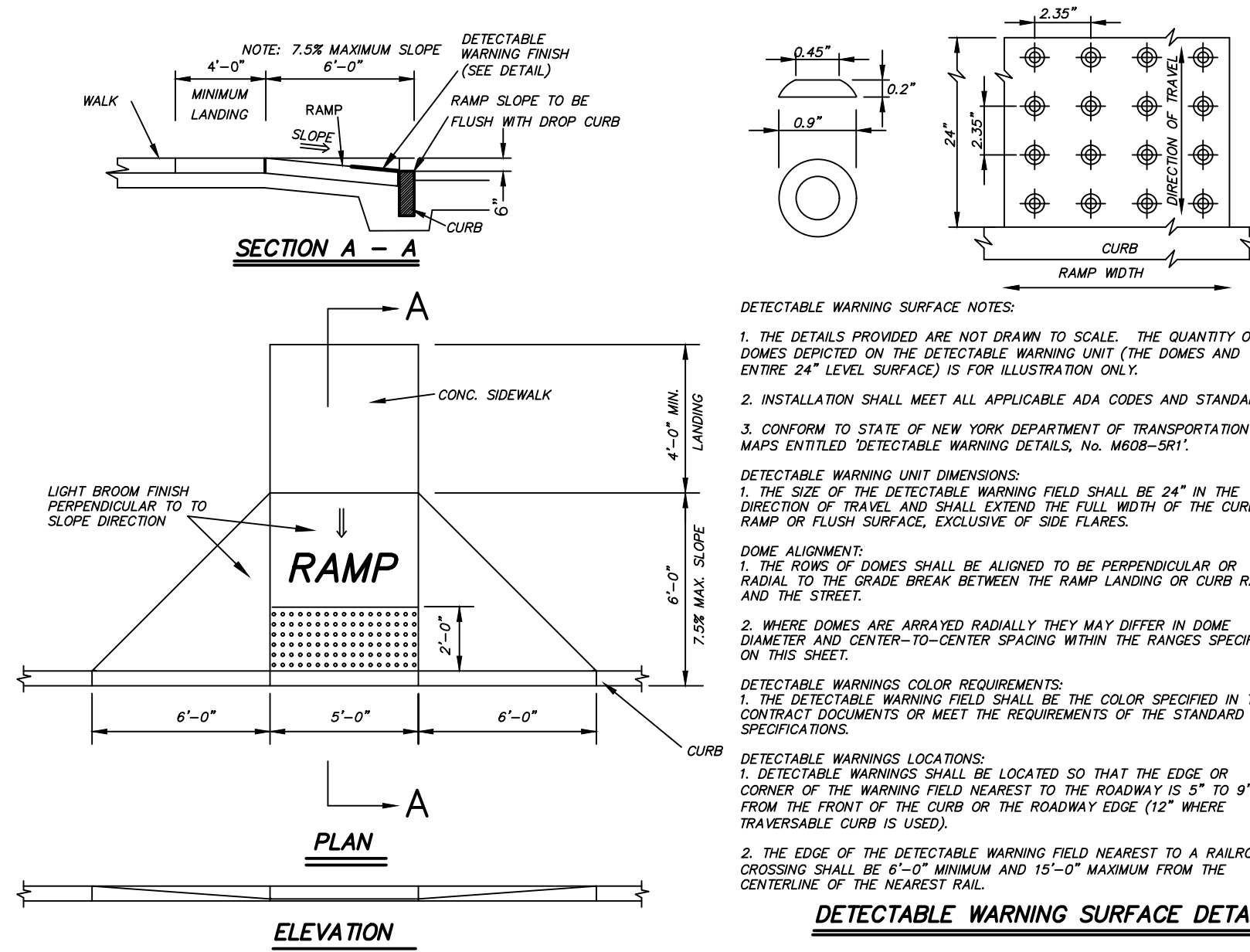
NOT TO SCALE



- NOTE:
1. CURB SHALL BE FLUSH WITH PAVEMENT AT ROADWAY.
 2. SEE STANDARD DETAILS FOR CURB AND SIDEWALK INSTALLATION.
 3. INSTALLATION SHALL MEET ALL APPLICABLE ADA CODES AND STANDARDS.

SIDEWALK RAMP AT STREET DETAIL

NOT TO SCALE

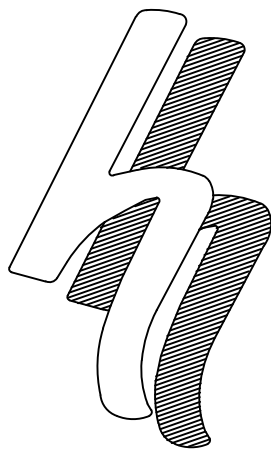


- RAMP NOTES:
1. SEE STANDARD DETAILS FOR CURBS, SIDEWALK, AND SIDEWALK RAMP INSTALLATION.
 2. INSTALLATION SHALL MEET ALL APPLICABLE ADA CODES AND STANDARDS.
 3. CONFORM TO STATE OF NEW YORK DEPARTMENT OF TRANSPORTATION MAPS ENTITLED "SIDEWALK CURB RAMP DETAILS, No. M608-3R2"

NOTE: CONFORM TO ALL ADA REGULATIONS

HANDICAPPED RAMP PLAN

NOT TO SCALE

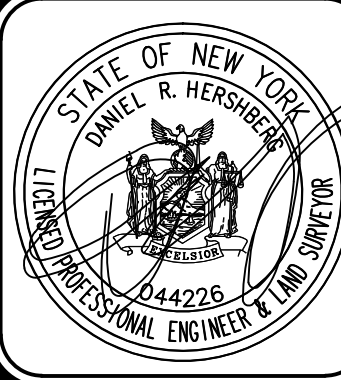


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DATE	REVISIONS

DETAILS
QUACKENBUSH SQUARE
705 BROADWAY
ALBANY, NY

160052-6

DATE: 8/20/18

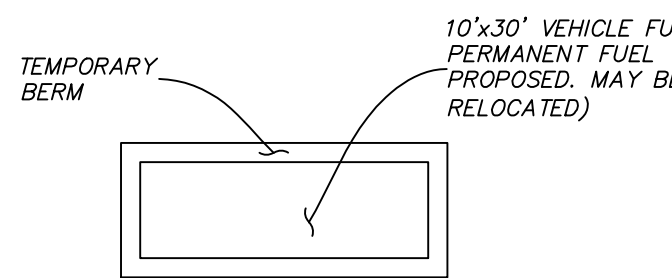
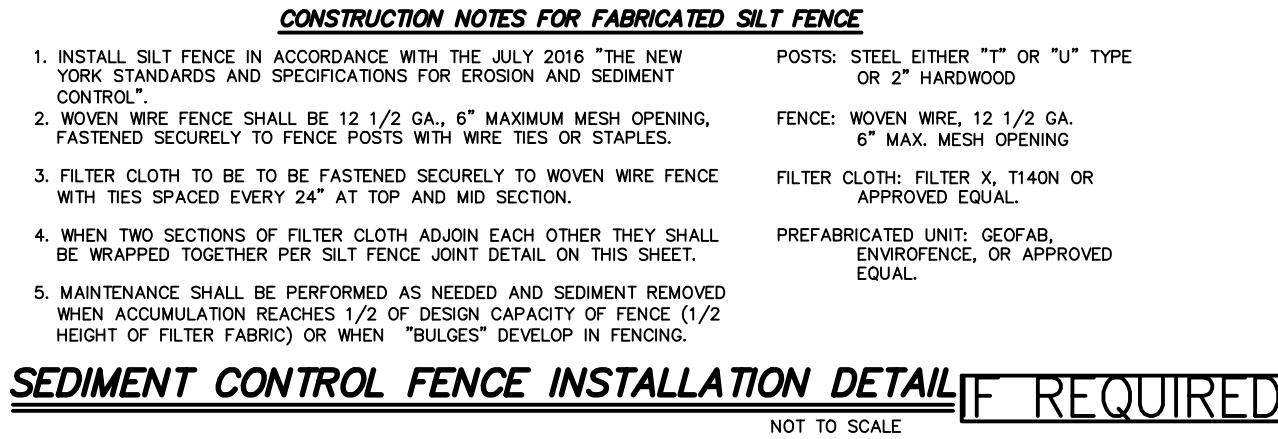
CHK: DRH

BY: AS

SCALE: AS SHOWN

FILE: 160052

C8



Technical drawing of a circular manhole structure, showing a plan view (left) and a cross-section view (right).

Plan View (Left):

- Callouts: 1, 3, 4, 5, 6, 7
- Flow direction: Indicated by an arrow pointing right.

Cross-Section View (Right):

- Callouts: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10
- Flow direction: Indicated by an arrow pointing right.

Dimensions and Elevations:

- RIM (ELEV=21.5±: 109 1/4 in (2775 mm))
- T.O.S. (ELEV=21±: 105 1/4 in (2673 mm))
- LEDGER: 82 7/8 in (2105 mm)
- OUTLET (ELEV=12.75: 67 3/8 in (1786 mm))
- INLET (ELEV=11.50: 52 3/8 in (1330 mm))
- SKIRT: 38 in (965 mm)
- SUMP (ELEV=8.33: 0 in (0 mm))

Parts List			CAPACITIES:
ITEM	DESCRIPTION	SIZE	
1	PRECAST MAINHOLE (BY HYDRO VIA PRECASTER)	72 in	1. Peak treatment flow: 8.0 cfs (227 l/s) 2. Sediment storage capacity: 2.10 cu. yd. (1.61 cu. m.) 3. Oil storage capacity: 216 Gal. (818 liters)
2	FRAME AND COVER	18 in	ADDITIONAL DESIGN INFORMATION: 1. The outlet pipe stub (not shown) is a roto-molded product with an I.D. of 18 in. that cannot be modified. 2. To avoid the use of a reducer or expander on the outlet an 18 in. outlet pipe should be used if possible. The orientation of the outlet pipe can be adjusted to suit site conditions. 3. Maximum pipe size is 18 in. The inlet pipe invert should be placed one inlet pipe diameter below the outlet pipe invert. The I.D. of the inlet pipe should be placed tangent to the I.D. of the manhole. The orientation of the inlet pipe can be adjusted to suit site conditions. Headloss at 8.0 cfs with an 18 in. inlet, 12 in. (305 mm). Headloss will increase with smaller inlet pipes. 4. Sediment shall be stored in a zone that is isolated from the main flow path and protected from re-entrainment by the benching skirt. 4. Dimensions are general and intended for guidance only.
2A	FRAME AND COVER	24 in	
3	INLET PIPE (BY OTHERS) *	15 in	
4	OUTLET PIPE (BY OTHERS) †	15 in	
5	PIPE COUPLING (BY OTHERS)	15 in	
6	LEDGER ANGLE		
7	SUPPORT FRAME		
8	DIP PLATE		
9	CENTER SHAFT AND CONE		
10	BENCHING SKIRT		

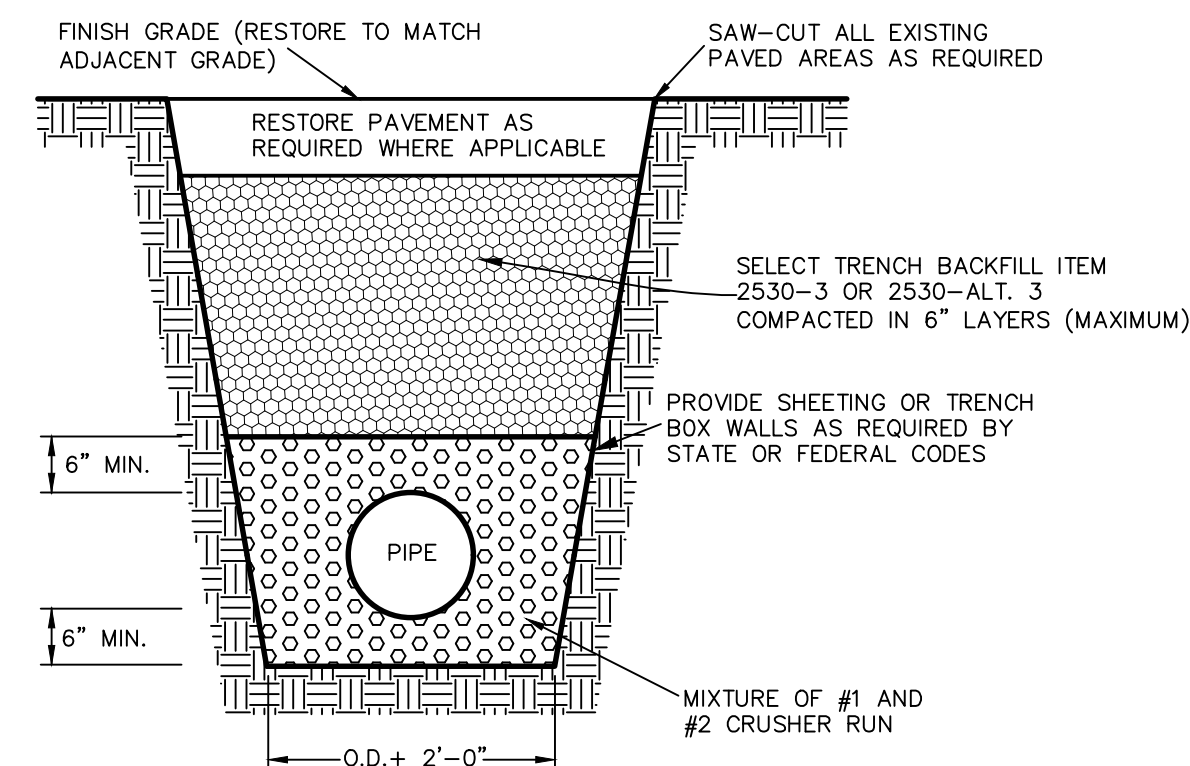
1/C10 NOT TO SCALE

REVISION HISTORY		
REV	BY	DATE
B	JLL	1/7/13
		Metric Dim.
Date 9/14/2011		Scale NOT TO SCALE
Drawn EMH	Checked KJM	Approved
Title		
6'-FT (1.82m) DIAMETER DOWNSTREAM DEFENDER		

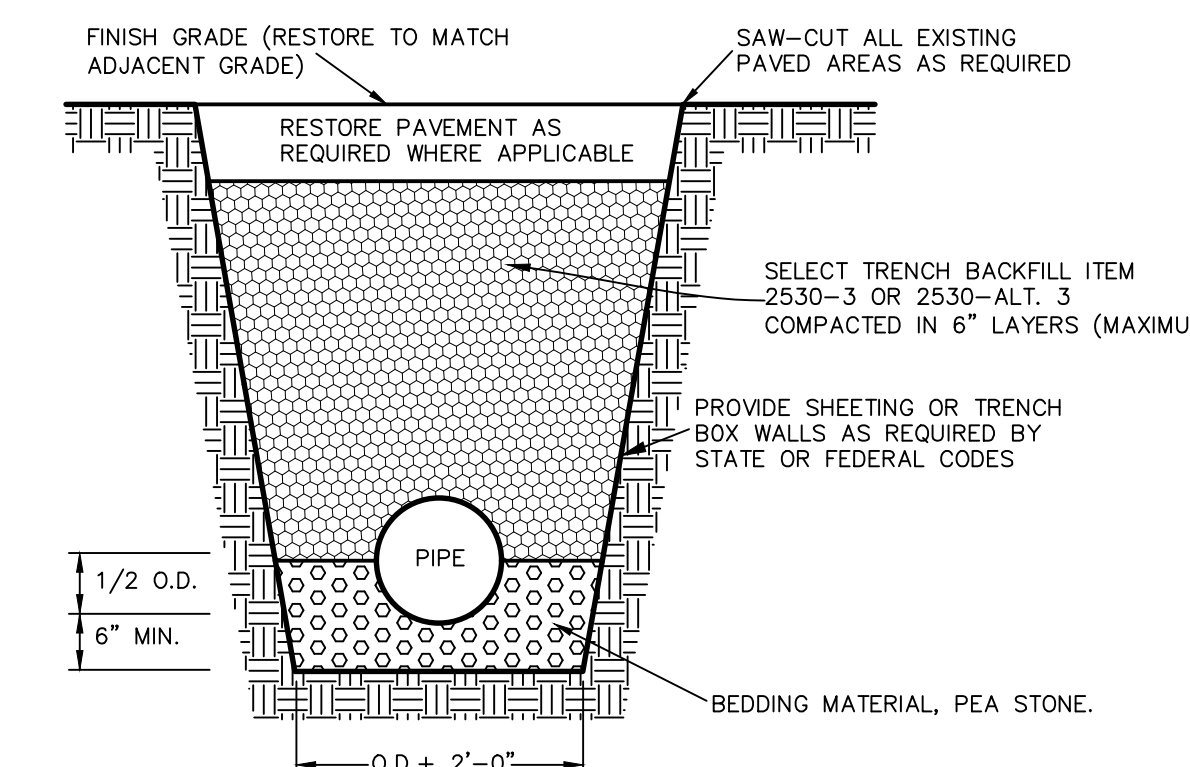


Hydro
International

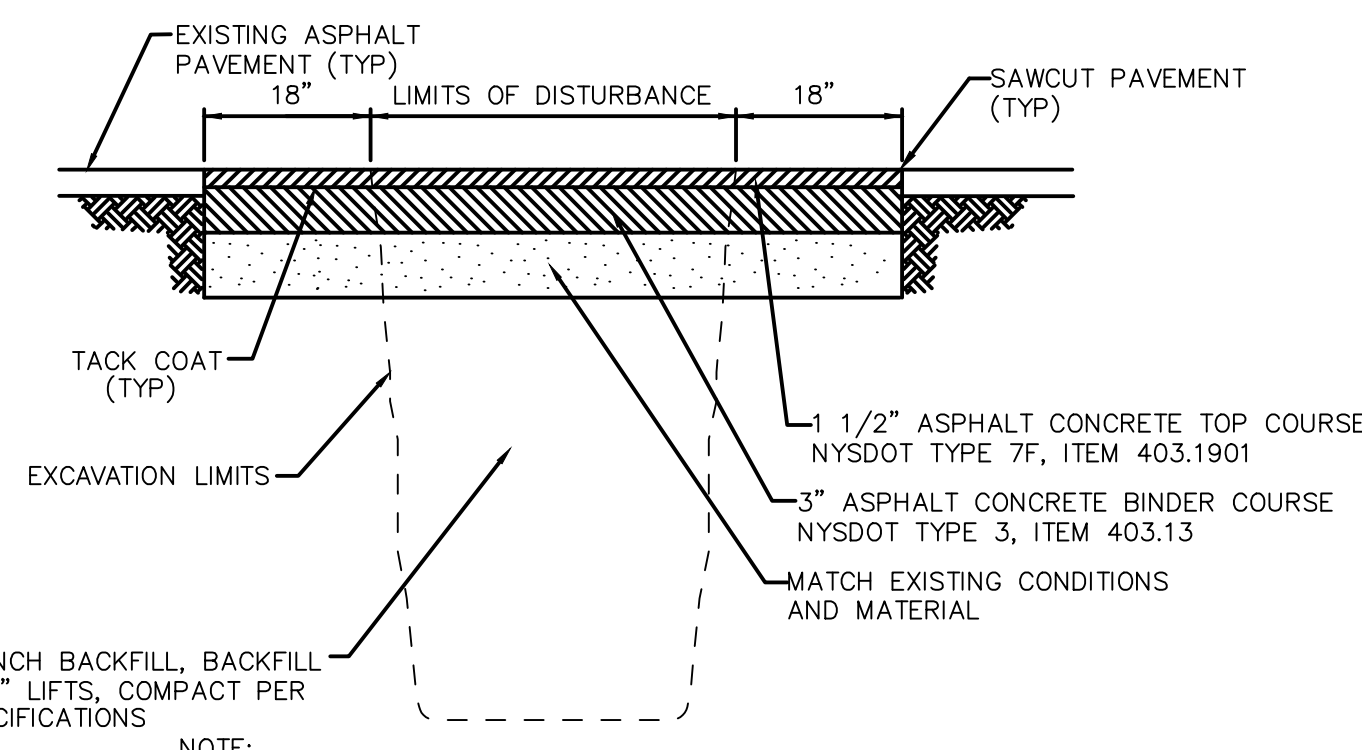
CAD Ref: D6GA
Project No.
Drawing No. D6GA Rev. B



4/C10 TRENCH DETAIL
NOT TO SCALE



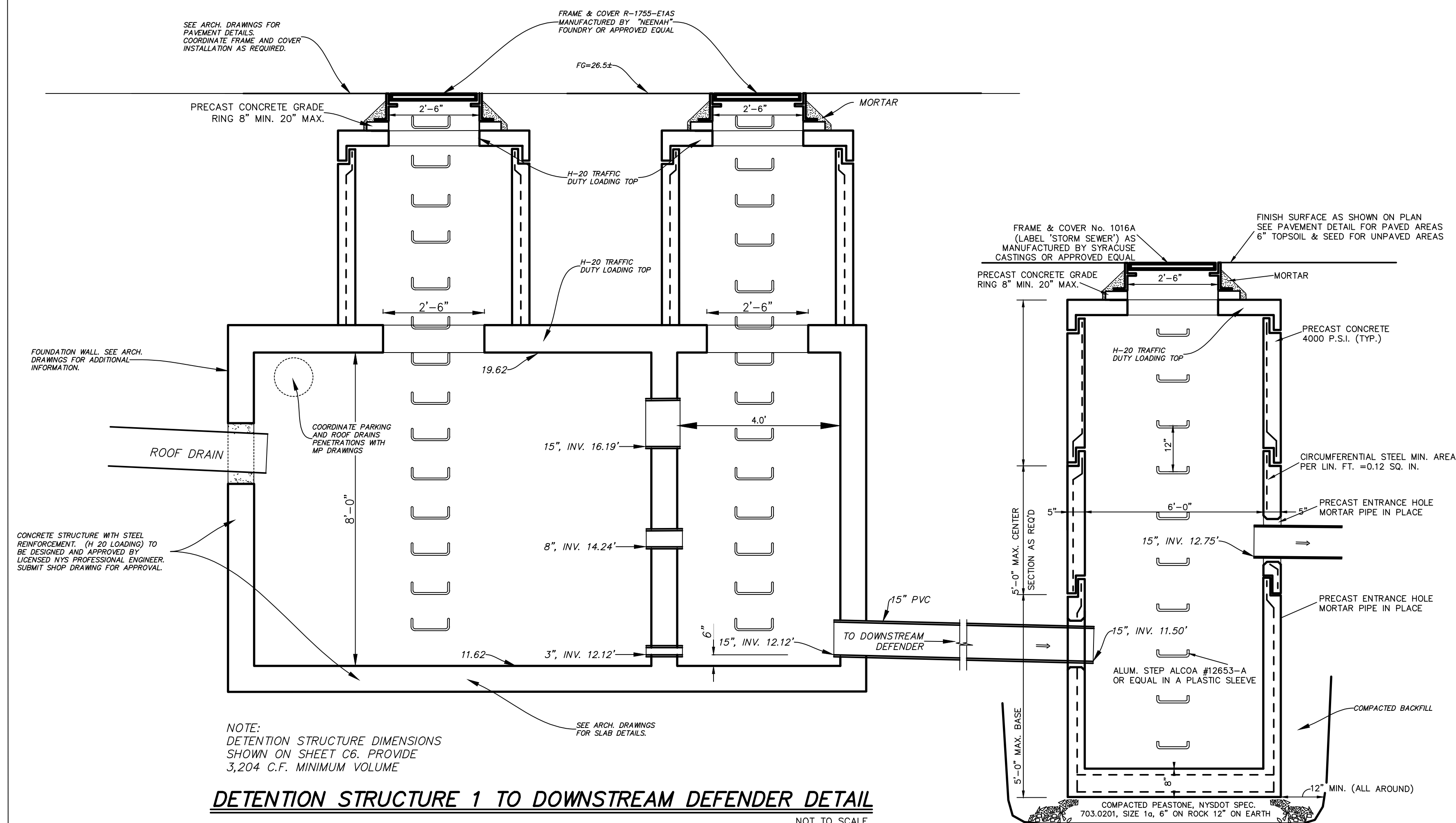
5/C10 **TRENCH DETAIL**
NOT TO SCALE



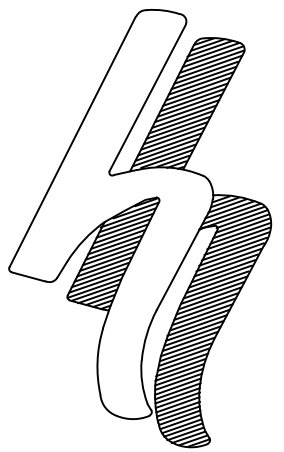
1. IF LIMITS OF TRENCHING EXCEEDS 50 FEET, CONTRACTOR SHALL COMPLETE CURB TO CURB MILLING PER CITY OF ALBANY DETAILS
2. ALL PAVEMENT MARKINGS DISTURBED SHALL BE RESTORED TO THE SATISFACTION OF THE CITY OF ALBANY
3. ALL JOINTS TO BE SEALED WITH ASPHALT EMULSION (AC-20)
NYS DOT ITEM 702-0500



2/C10 NOT TO SCALE



NOT TO SCALE

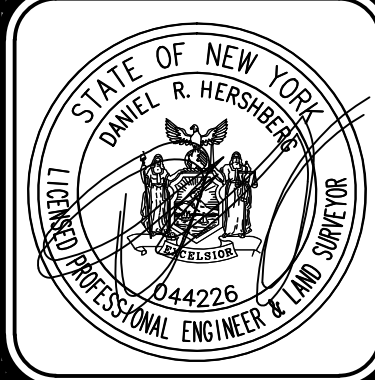


HERSHBERG
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*Consulting Engineers
and Land Surveyors*

18 Locust Street
Albany, New York 12203

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DOCUMENT EXCEPT BY A
LICENSED PROFESSIONAL
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SURVEYOR, IS ILLEGAL



REVISIONS		REMARKS	DATE
		DETENTION TANK REVISED	9/13/18
		DETENTION TANK REVISED	2/8/19

DETAILS
QUACKENBUSH SQUARE
705 BROADWAY
ALBANY, NY

60052-6

DATE: 8/30/18

HK: DRH

BY: AS

SCALE: 1"=20"

FILE: 160052

C10



