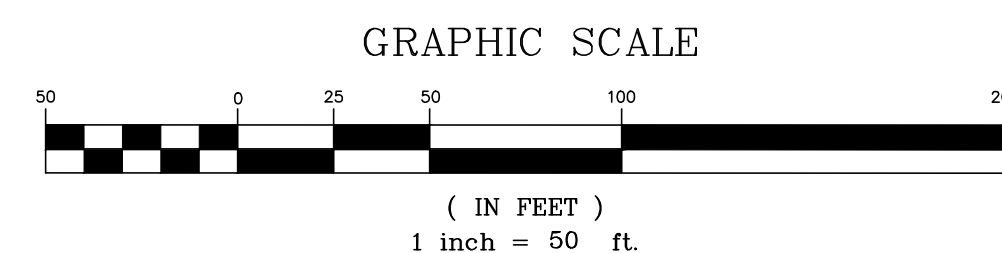
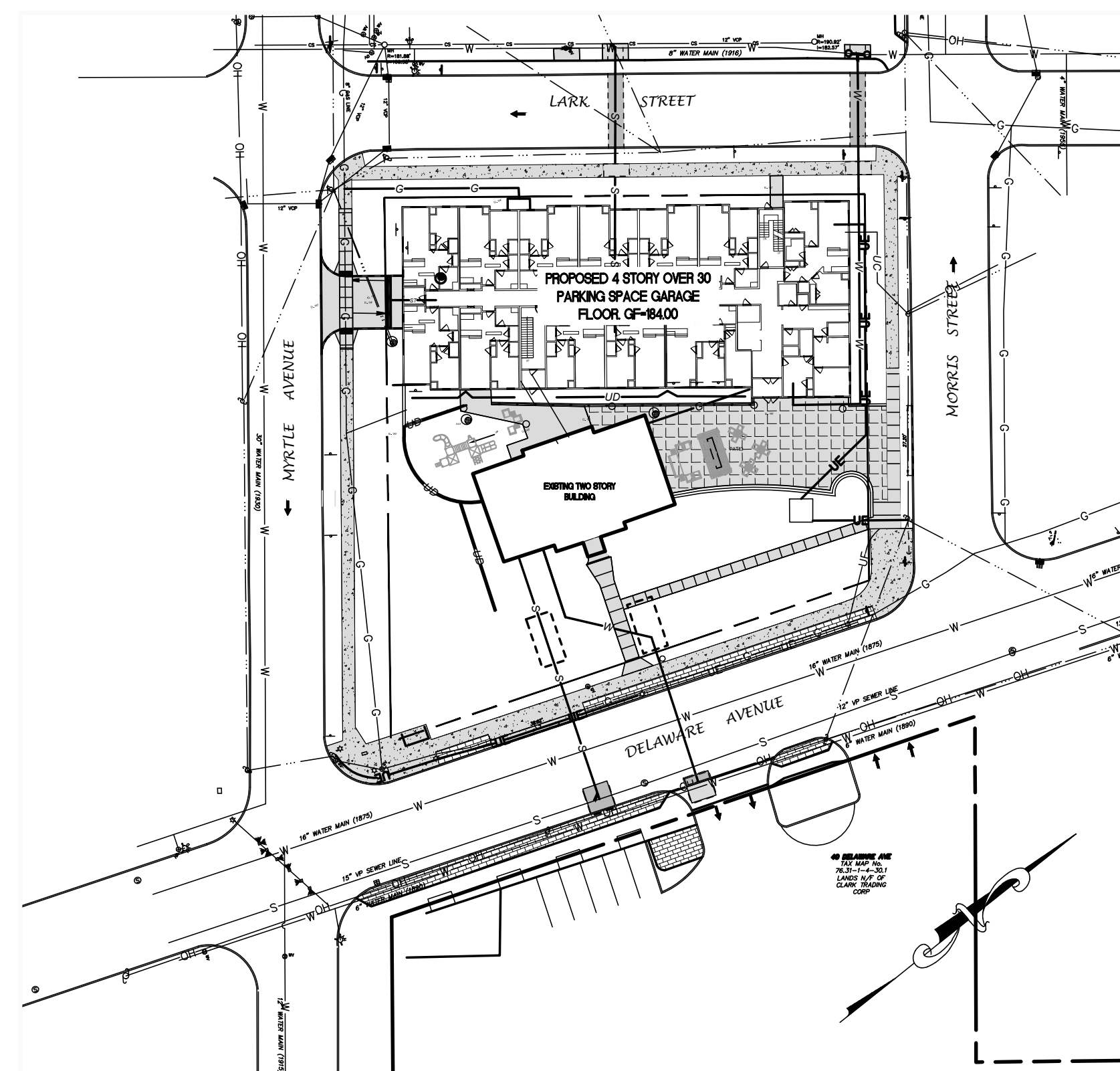
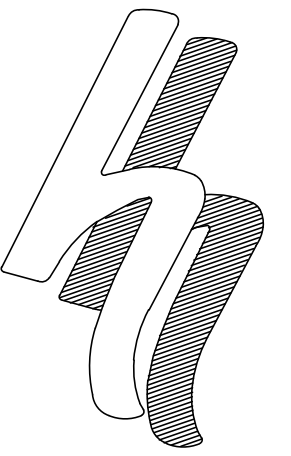


PROPOSED APARTMENTS 25 DELAWARE AVENUE ALBANY, NY



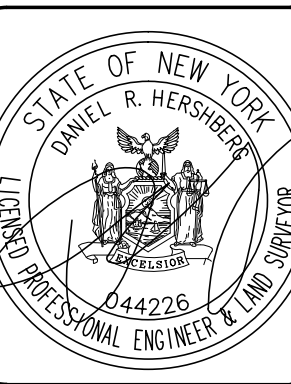
DRAWING SCHEDULE

- C1 TITLE SHEET
- C2 EXISTING CONDITIONS PLAN
- C3 DEMOLITION PLAN
- C4 SITE PLAN
- C5 SITE DETAILS
- C6 RETAINING WALL PROFILE AND DETAILS
- C7 UTILITY PLAN AND WATER SERVICE PROFILES
- C8 UTILITY DETAILS
- C9 UTILITY DETAILS AND STORMWATER PROFILE
- C10 EROSION AND SEDIMENT CONTROL PLAN
- C11 EROSION AND SEDIMENT CONTROL DETAILS
- C12 LANDSCAPE AND LIGHTING PLAN
- C13 PARKING PLAN
- C14 PHASE 1 MAINTENANCE AND PROTECTION OF TRAFFIC PLAN
- C15 PHASE 2 MAINTENANCE AND PROTECTION OF TRAFFIC PLAN
- C16 PHASE 3 MAINTENANCE AND PROTECTION OF TRAFFIC PLAN
- C17 LARK STREET DETOUR PLAN



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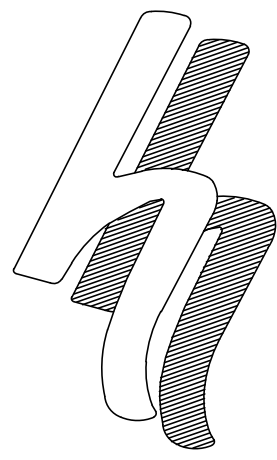
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GENERAL UPDATES	05/14/21	
GENERAL UPDATES	07/08/21	
GENERAL UPDATES	07/23/21	
GENERAL UPDATES	08/03/21	

TITLE SHEET
 25 DELAWARE AVENUE
 ALBANY, NY

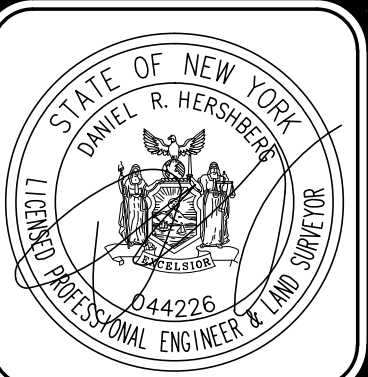
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 BY: TMD
 CHK: DRH
 DATE: 11/10/20
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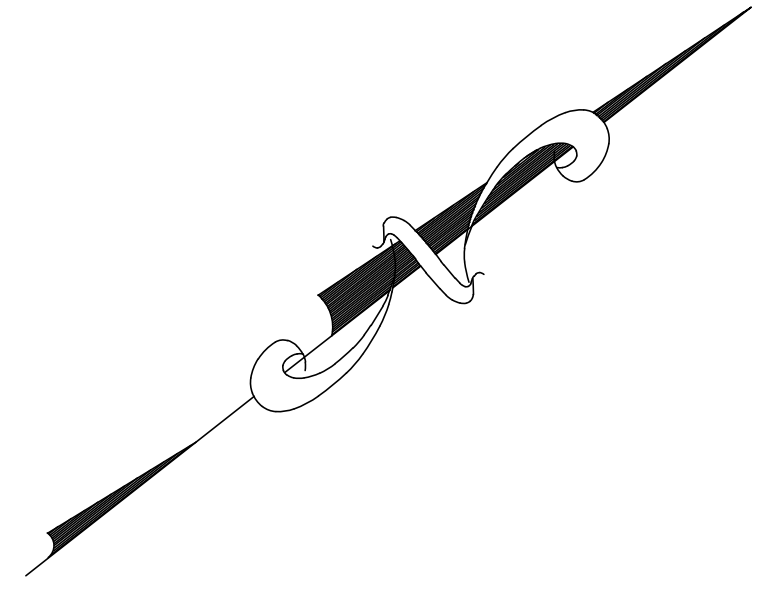
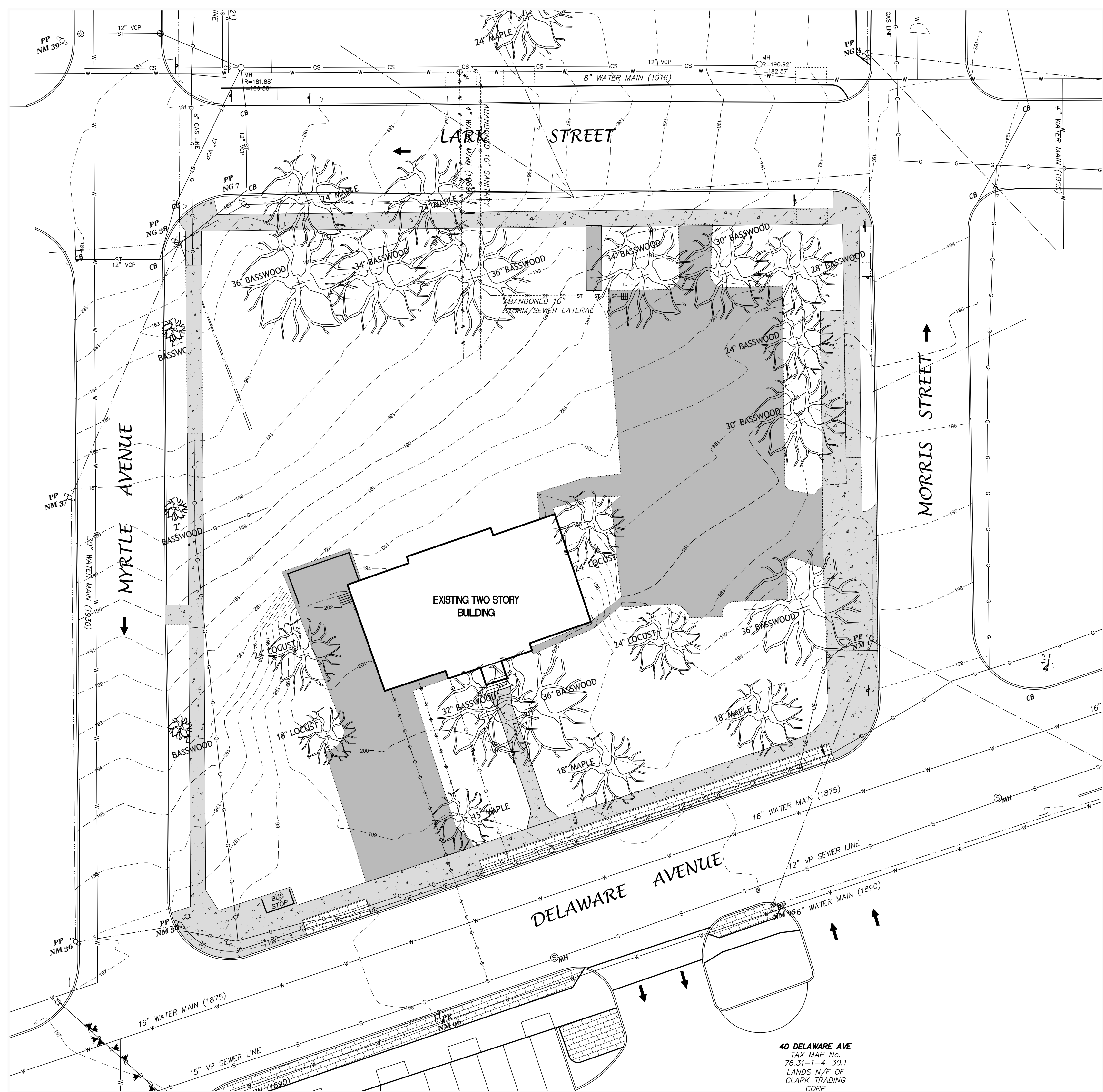
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07/09/21	GENERAL UPDATES
07/15/21	GENERAL UPDATES
07/22/21	GENERAL UPDATES
07/23/21	GENERAL UPDATES

REVISIONS

**EXISTING CONDITIONS
25 DELAWARE AVENUE
ALBANY, NY**

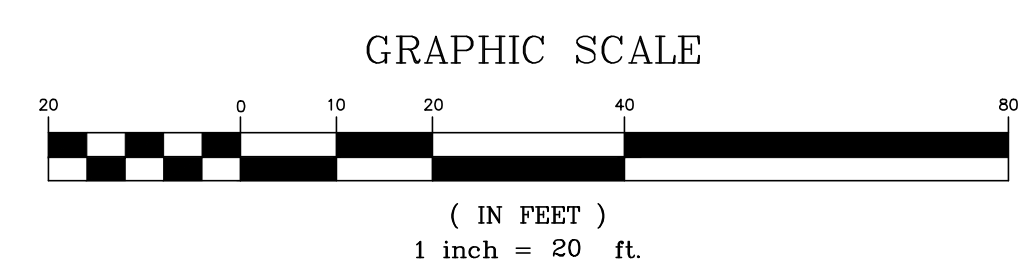


LEGEND

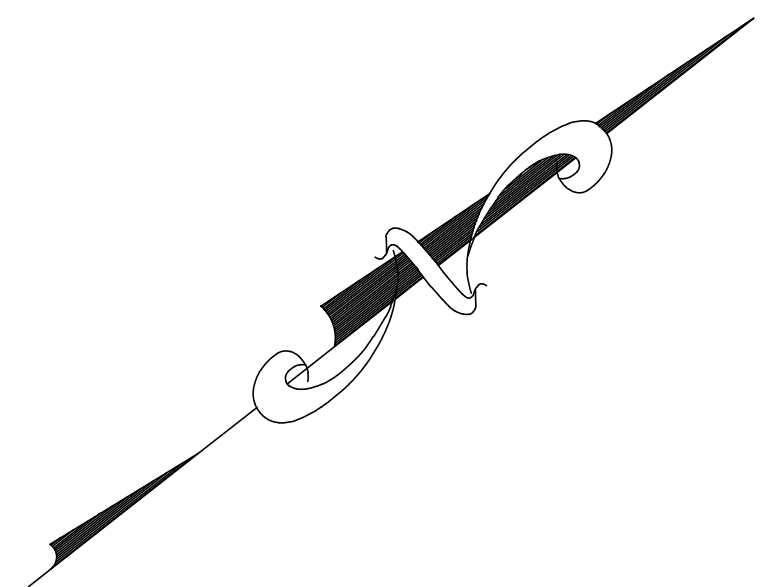
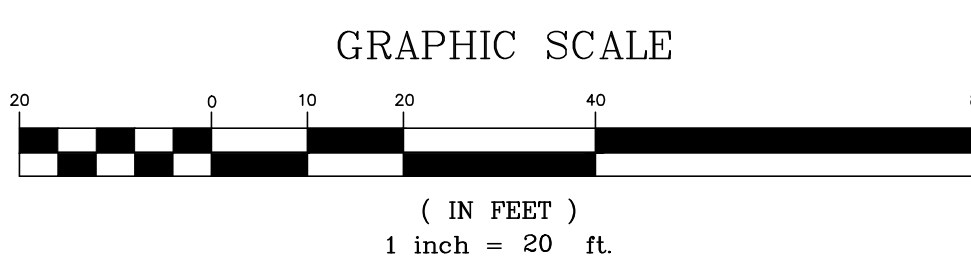
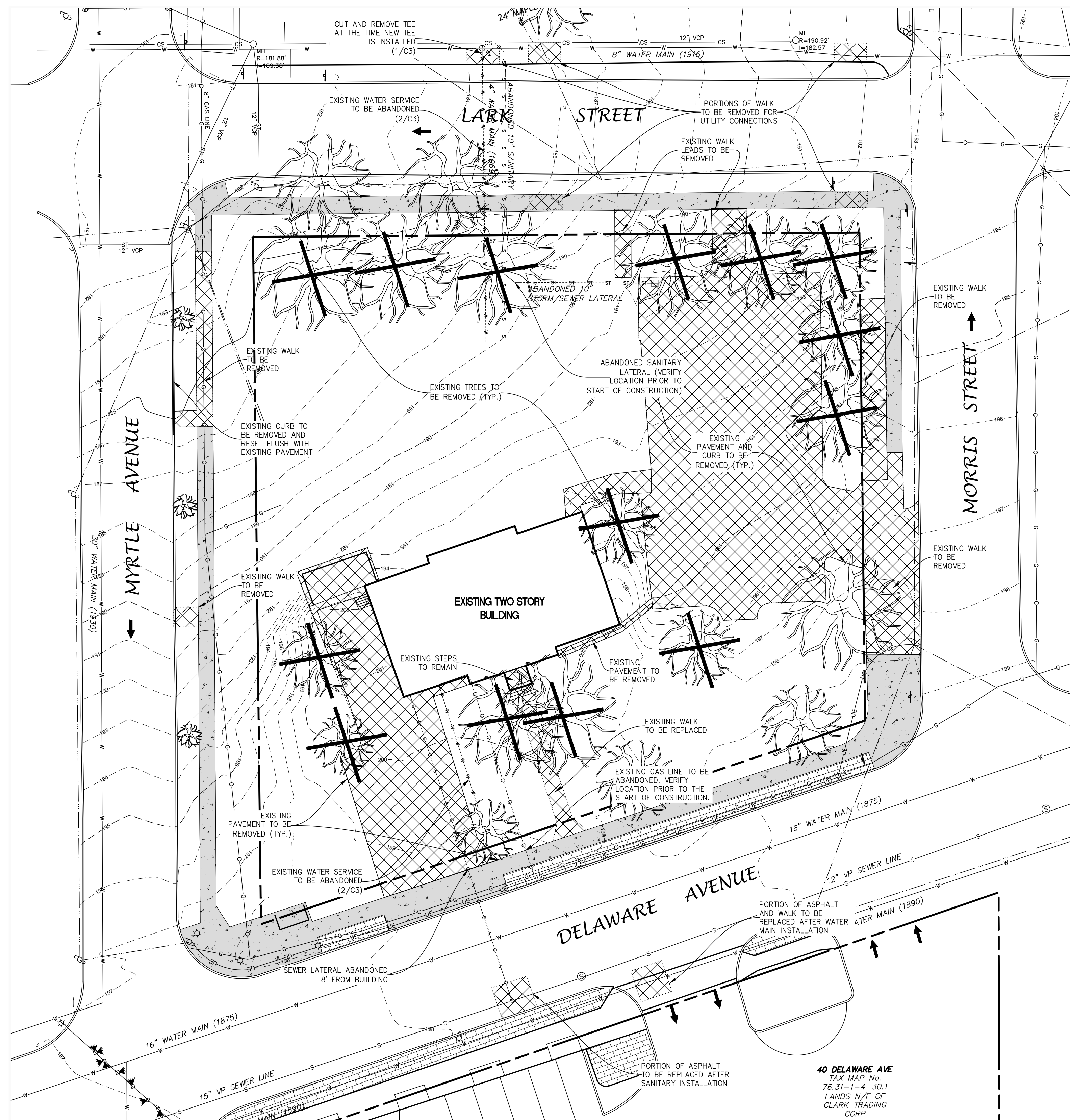
- R.O.W. RIGHT OF WAY
- No. NUMBER
- enc. ENCROACHMENT
- P.O.B. POINT OF BEGINNING
- S.F. SQUARE FEET
- N/F NOW OR FORMERLY
- FL FEET
- Deg. DEGREE
- R RECORD
- M MEASURED
- N NORTH
- S SOUTH
- E EAST
- W WEST
- tel. TELEPHONE
- elec. ELECTRIC
- L LIBER
- P. PAGE
- W WATER LINE
- S SEWER LINE
- G GAS LINE
- UE UNDERGROUND ELECTRIC
- MONUMENT
- IRON ROD
- MANHOLE
- CATCHBASIN
- SIGN
- BOLLARD
- FENCE LINE
- GUARD RAIL
- OVERHEAD WIRE, UTILITY POLE & CURY WIRE
- TRAFFIC FLOW ACCESS AREA
- WATER SHUT OFF
- WATER VALVE
- HYDRANT
- GAS VALVE
- GAS TEST
- GAS DRIP
- STREET LIGHT
- LIGHT POLE
- CONCRETE
- PAVEMENT
- TREE CONIFEROUS DIAMETER OF TREE
- TREE DECIDUOUS DIAMETER OF TREE

EXISTING SITE COVERAGE STATISTICS

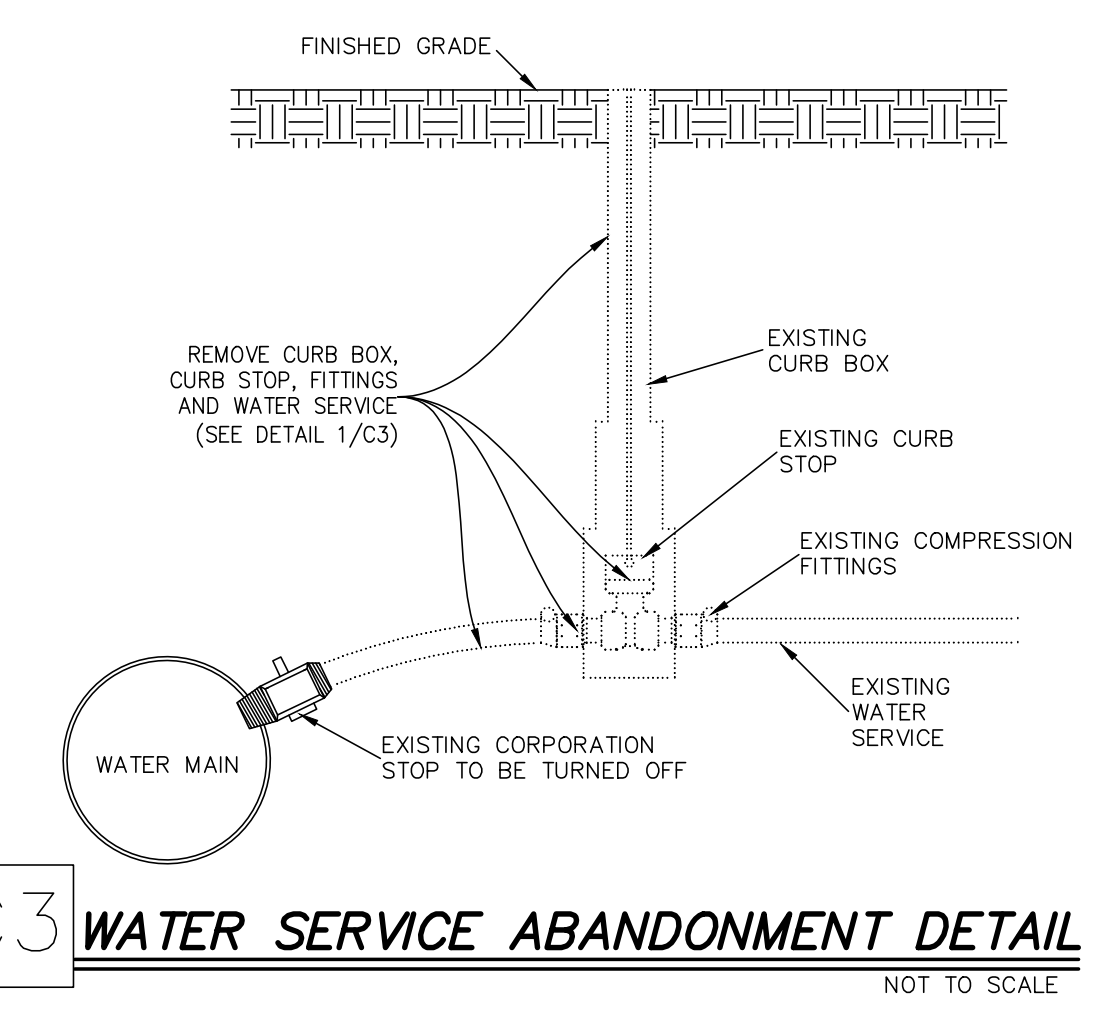
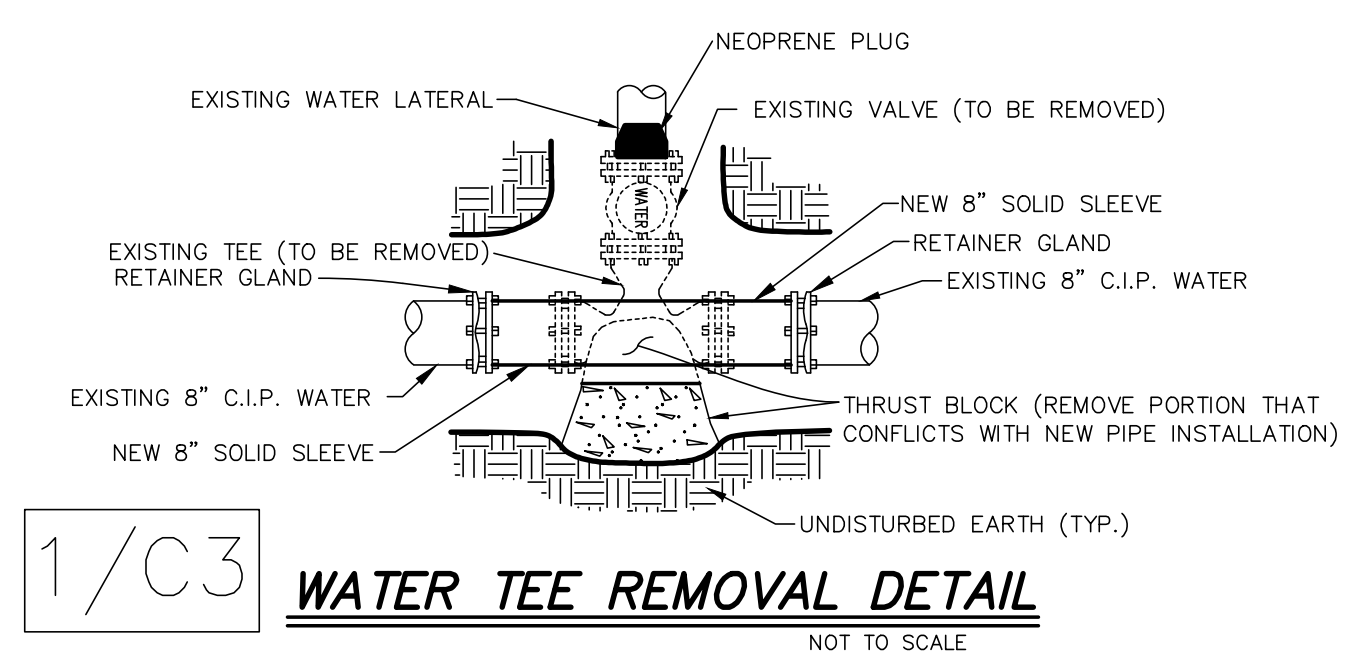
DESCRIPTION	S.F.	ACRES	%
GROSS SITE AREA	42,366	0.97	100.00%
IMPERVIOUS AREA	11,932	0.27	28.2
BUILDING COVERAGE	2,767	0.06	6.5
PAVEMENT/SIDEWALK COVERAGE	9,165	0.21	21.6
PERVIOUS AREA	30,434	0.70	71.8



FILE: 180244 SCALE: 1"=20' DATE: 11/2/20 CHK: DRH EY: TMD

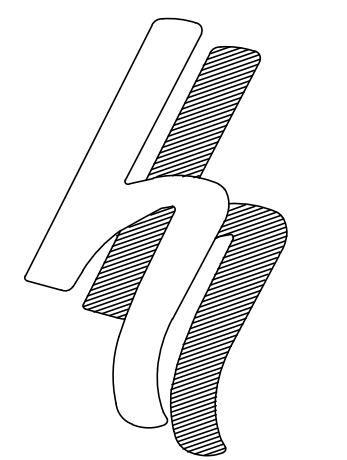


LEGEND			
R.O.W.	RIGHT OF WAY	□	MONUMENT
No.	NUMBER	○	IRON ROD
enc.	ENCROACHMENT	MH	MANHOLE
P.O.B.	POINT OF BEGINNING	▣	CATCHBASIN
S.F.	SQUARE FEET	—	SIGN
N/F	NOW OR FORMERLY	•	BOLLARD
FL	FEET	—	FENCE LINE
Dep.	DEGREE	—	GUARD RAIL
R	RECORD	—	OVERHEAD WIRE, UTILITY POLE & GUY WIRE
M	MEASURED	↔	TRAFFIC FLOW ACCESS AREA
N	NORTH	⊙	WATER SHUT OFF
S	SOUTH	⊙	WATER VALVE
E	EAST	⊙	HYDRANT
W	WEST	⊙	GAS VALVE
tel.	TELEPHONE	⊙	GAS TEST
elec.	ELECTRIC	⊙	GAS DRIP
L	LIBER	⊙	STREET LIGHT
P.	PAGE	⊙	LIGHT POLE
—W—	WATER LINE	▣	CONCRETE
—S—	SEWER LINE	▣	PAVEMENT
—G—	GAS LINE	⊙	TREE CONIFEROUS DIAMETER OF TREE
—UE—UE	UNDERGROUND ELECTRIC	⊙	TREE DECIDUOUS DIAMETER OF TREE



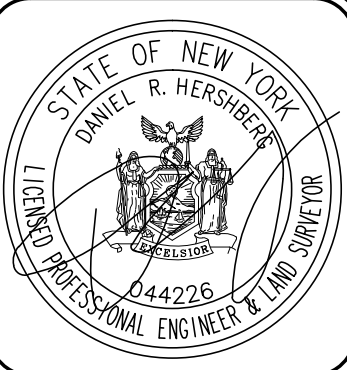
DEMOLITION NOTES

- COORDINATE ALL REMOVALS WITH CONSTRUCTION SCHEDULE AND OWNER. MAINTAIN OPERATION OF EXISTING FACILITY THROUGHOUT CONSTRUCTION
- PRIOR TO DEMOLITION IDENTIFY AND PROTECT ALL TREES TO REMAIN.
- REMOVE ALL CONCRETE AND ASPHALT PAVEMENT TO SUB-GRADE AND REMOVE EXISTING ABANDONED UTILITIES IN CONFLICT WITH DEVELOPMENT.
- UTILITY MONITORING SHALL BE IN PLACE PRIOR TO THE START OF DEMOLITION OR TREE REMOVAL.
- STAKE OUT ALL CORNERS OF PROPERTY BOUNDARY PRIOR TO THE START OF TREE REMOVAL AND SITE DEMOLITION.
- INSTALL A TEMPORARY CHAIN LINK CONSTRUCTION FENCE.
- BONDS AND INSURANCE, NAMING THE CITY OF ALBANY, ARE REQUIRED AND SHALL BE SUBMITTED WITH THE GRADING PERMIT APPLICATION.
- CONSTRUCTION EASEMENT WILL BE REQUIRED FOR THE RECEIVING PIT LOCATED ON 40 DELAWARE AVENUE AND SHALL BE SUBMITTED WITH THE STREET OPENING PERMIT APPLICATION.



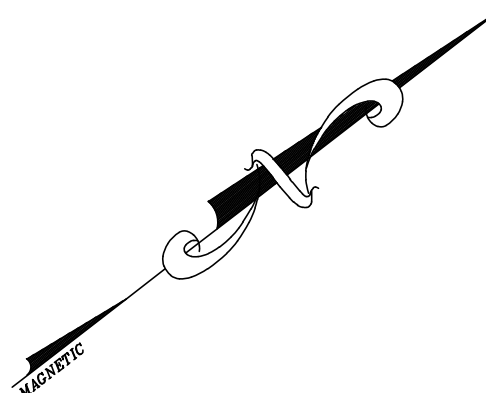
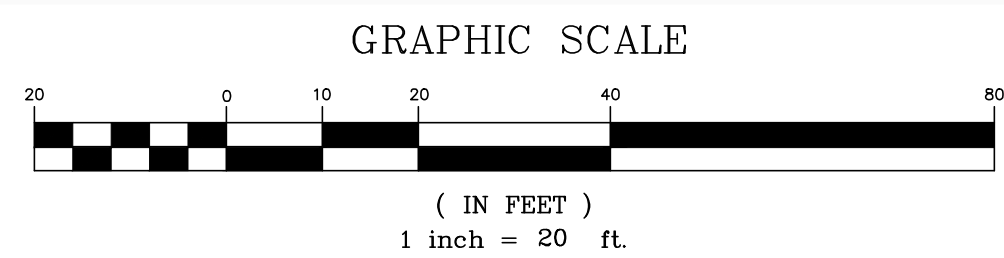
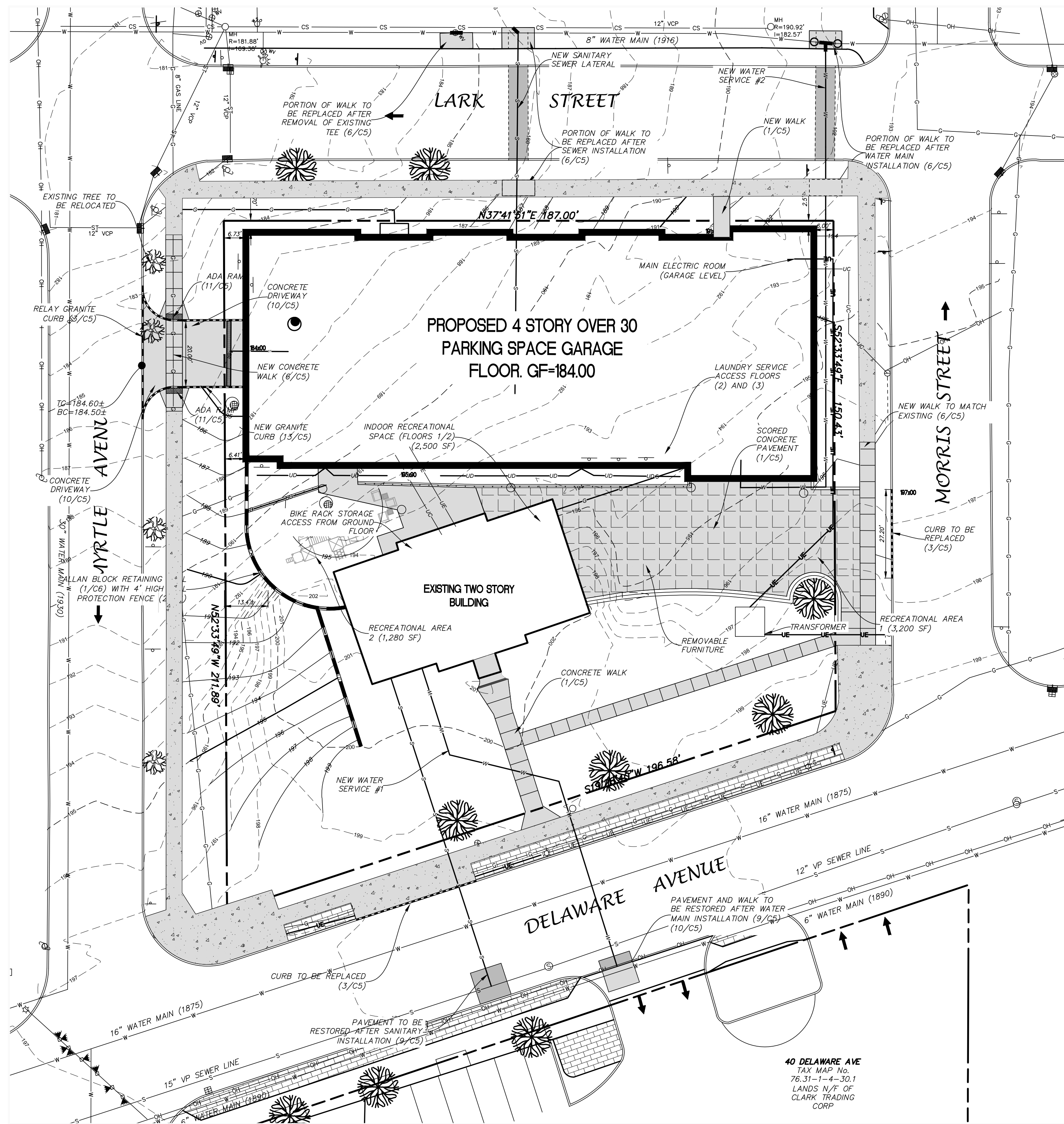
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GENERAL UPDATES	06/25/21
GENERAL UPDATES	07/08/21
GENERAL UPDATES	07/21/21
GENERAL UPDATES	07/26/21

DEMOLITION PLAN
25 DELAWARE AVENUE
ALBANY NY
 DATE: 11/10/20
 CHK: DRH
 BY: MD
 SCALE: 1"=20'
 FILE: 180244



EXISTING SITE COVERAGE STATISTICS			
DESCRIPTION	S.F.	ACRES	%
GROSS SITE AREA	33,877	0.78	100.00%
IMPERVIOUS AREA	11,932	0.27	34.6
BUILDING COVERAGE	2,767	0.06	7.6
PAVEMENT/SIDEWALK COVERAGE	9,165	0.21	26.9
PERVIOUS AREA	21,945	0.51	65.4

PROPOSED SITE COVERAGE STATISTICS			
DESCRIPTION	S.F.	ACRES	%
GROSS SITE AREA	33,877	0.78	100.00%
IMPERVIOUS AREA	19,234	0.44	56.8
BUILDING COVERAGE	15,234	0.35	45.0
PAVEMENT/SIDEWALK COVERAGE	4,000	0.09	11.8
PERVIOUS AREA	14,643	0.34	43.2

RECREATION SPACE TABLE			
description	requirement	quantity	# required
dwelling, multi family	10% of site area	33,877 sf	3,388 sf
area 1: outdoor			3,209 sf
area 2: outdoor			1,296 sf
area 4: community space (indoor)			2,413 sf
TOTAL			6,918 sf

ZONING REQUIREMENTS TABLE	
ZONE	MU-CU: MIXED-USE, COMMUNITY URBAN
MINIMUM LOT WIDTH	25'
MAXIMUM HEIGHT	5 STORIES
SETBACKS	FRONT 10' MAX SIDE 0' REAR 15' (ADJACENT TO R-DISTRICT)

PROPOSED

- EXISTING WATER VALVE
- EXISTING POLE WITH LIGHT
- EXISTING LIGHT POLE
- EXISTING UTILITY POLE
- EXISTING SIGN
- EXISTING WATER MAIN
- EXISTING HYDRANT
- EXISTING SANITARY SEWER MAIN
- EXISTING STORM SEWER MAIN
- EXISTING CATCH BASIN
- EXISTING MANHOLE
- WATER SHUT OFF
- FENCE LINE
- EXISTING PAVEMENT
- EXISTING CONTOURS
- PROPOSED CONTOURS
- PROPOSED WATER MAIN
- PROPOSED HYDRANT
- PROPOSED SEWER MAIN
- PROPOSED STORM SEWER
- PROPOSED CATCH BASIN
- PROPOSED MANHOLE
- PROPOSED SIDEWALK AND HANDICAPPED RAMP
- DETECTABLE SURFACE
- HANDICAPPED PARKING
- PROPOSED BUILDING
- PROPOSED CURB
- ADA RAMP
- DETAIL/SHEET NUMBER

CITY OF ALBANY NOTES

SITE REQUIREMENTS:
 THE CONTRACTOR WILL BE RESPONSIBLE FOR THE FOLLOWING:
 THE REMOVAL AND REPLACING OF ALL EXISTING SIDEWALKS, CURBS, STREET PAVEMENT, TREES, BRICK PAVERS, AND SHRUBBERY DAMAGED DURING THE COURSE OF THIS PROJECT AND WITHIN THE FULL LIMITATIONS OF THE PROJECT.
 IT WILL BE THE CONTRACTORS RESPONSIBILITY TO ENSURE THAT ALL METHODS AVAILABLE HAVE BEEN TAKEN TO PROTECT ALL THE AFOREMENTIONED ENTITIES BEFORE CONSTRUCTION WORK BEGINS.
 IF AT ANY TIME DURING SAID CONSTRUCTION, THE CITY ENGINEER OR HIS REPRESENTATIVE DEEM THAT ANY AND/OR ALL PORTIONS OF SIDEWALK, CURB PAVEMENT AND/OR ANY OTHER APPURTENANCES HAVE BEEN DAMAGED BY EITHER THE GENERAL CONTRACTOR OR ANY OF HIS SUB-CONTRACTORS, IT WILL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO MAKE ALL REPAIRS AND/OR CORRECTIONS TO SAID AREAS WITHOUT ANY COST TO THE CITY OF ALBANY.

PERMIT REQUIREMENTS:
 THE GENERAL CONTRACTOR, PRIOR TO BEGINNING ANY WORK ON SAID PROJECT, WILL PROCURE THE FOLLOWING PERMITS WHERE APPLICABLE:
 *ENGINEERING DEPARTMENT *DEPARTMENT OF GENERAL SERVICES
 *GRADING AND MINING *CURB CUT APPLICATION
 *SANITARY/STORM SEWER *SIDEWALK/CURB RESTORATION
 *RETAINING WALL *STREET RESTORATION
 *WATER DEPARTMENT *WATER SERVICE

THE CONTRACTOR WILL PROCURE BEFORE BEGINNING OF CONSTRUCTION ALL REQUIRED PERMITS LIABILITY INSURANCE FOR \$1,000,000.00 AND A PERFORMANCE BOND AS ASSESSED BY CITY ENGINEER. BOND AND LIABILITY INSURANCE TO BE SUBMITTED TO THE ENGINEERING DEPARTMENT BEFORE THE GENERAL CONTRACTOR INTENDS TO BEGIN ANY SITE OCCUPATION.

THE CONTRACTOR WILL NOTIFY THE ENGINEERING DEPARTMENT FORTY-EIGHT (48) HOURS PRIOR TO PERFORMING ALL UTILITY OR SITE RESTORATION WORK. FAILURE TO NOTIFY THE ENGINEERING DEPARTMENT BEFORE BEGINNING WORK COULD RESULT IN A ONE HUNDRED DOLLAR (\$100.00) FINE FOR EACH DAY THE OFFENSE OCCURS.

THE CONTRACTOR WILL NOTIFY THE DEPARTMENT OF WATER AND WATER SUPPLY FORTY-EIGHT (48) HOURS PRIOR TO SCHEDULE AN INSPECTION FOR WATER, SANITARY AND STORM UTILITY WORK.

NOTES

1. THE CONTRACTOR SHALL OBTAIN A STREET OPENING PERMIT AND A STREET ACCESS APPLICATION (CURB-CUT) FROM THE DEPARTMENT OF GENERAL SERVICES FOR ANY WORK WITHIN THE CITY'S ROW. CONTACT GARY BOHL AT 518-462-3529
2. A GRADING PERMIT IS REQUIRED. CONTRACTOR TO CONTACT PATRICK MCCUTCHEON, ENGINEERING DEPARTMENT (518-434-2387) FOR APPLICATION AND REVIEW.
3. STREET OPENING PERMITS REQUIRED. CONTACT GARY BOHL, DEPARTMENT OF GENERAL SERVICES, PH (518)462-3529.

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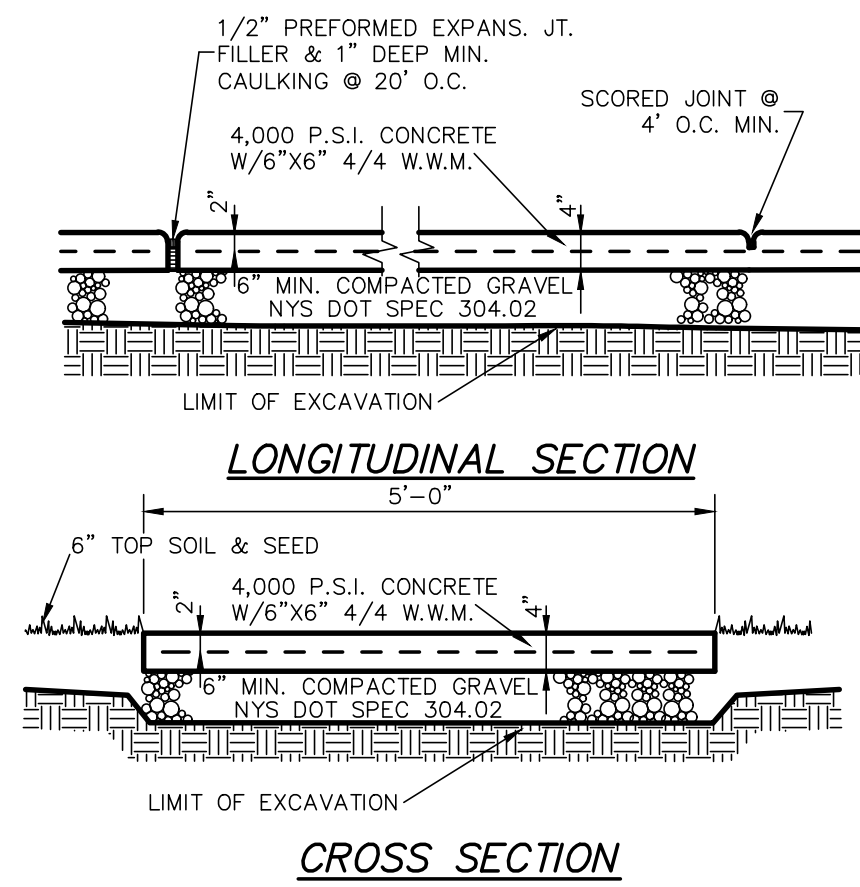


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06/18/21	GENERAL UPDATES
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07/22/21	GENERAL UPDATES
08/04/21	GENERAL UPDATES

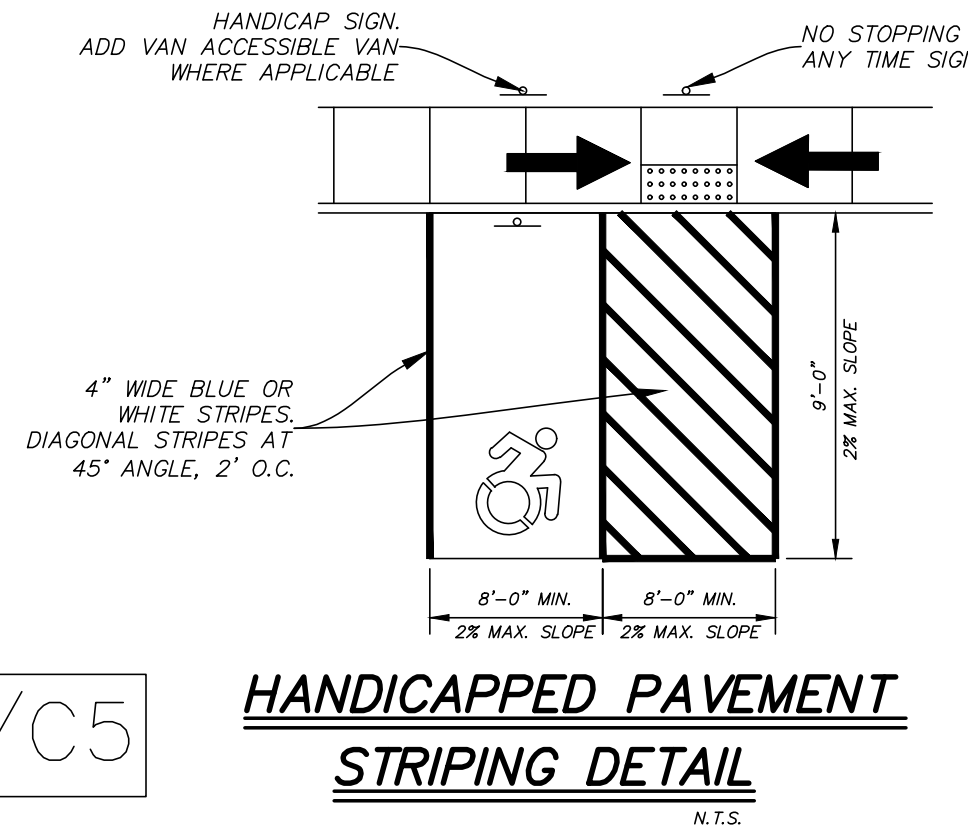
REVISIONS

SITE PLAN FOR 25 DELAWARE AVENUE ALBANY, NY

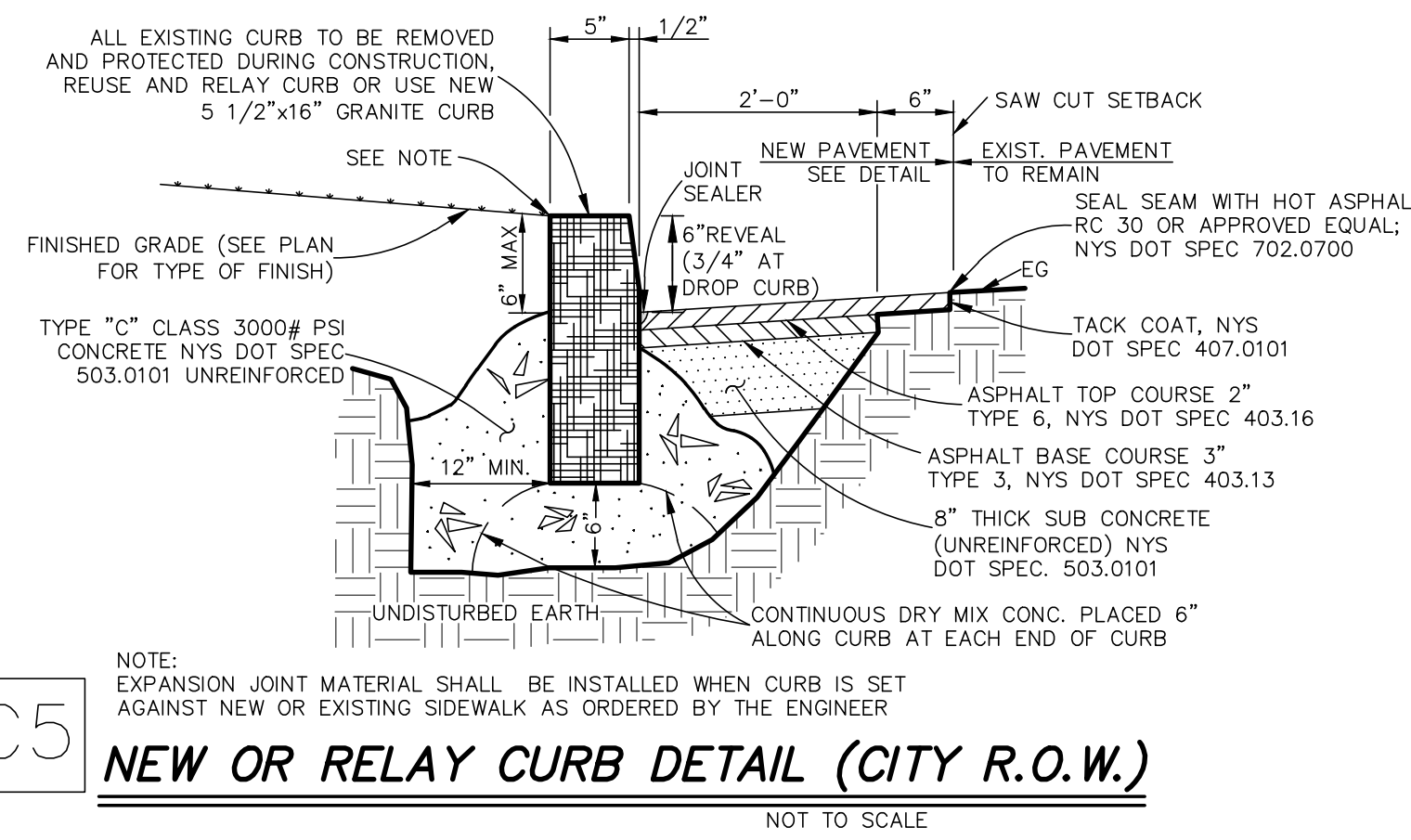
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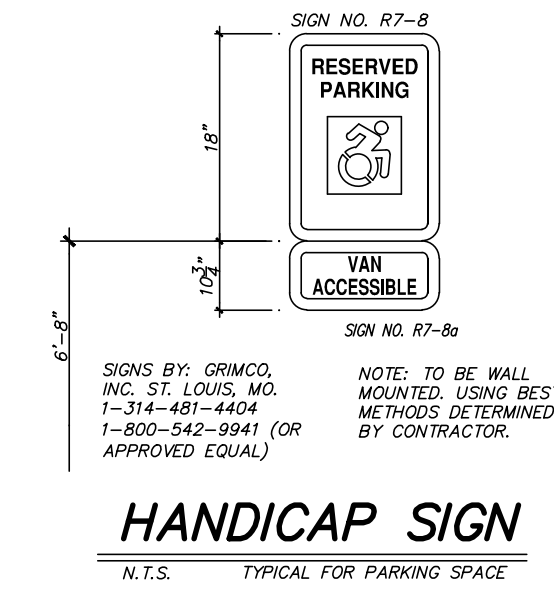
1/C5 **CONCRETE WALK AND PATIO DETAIL**
NOT TO SCALE



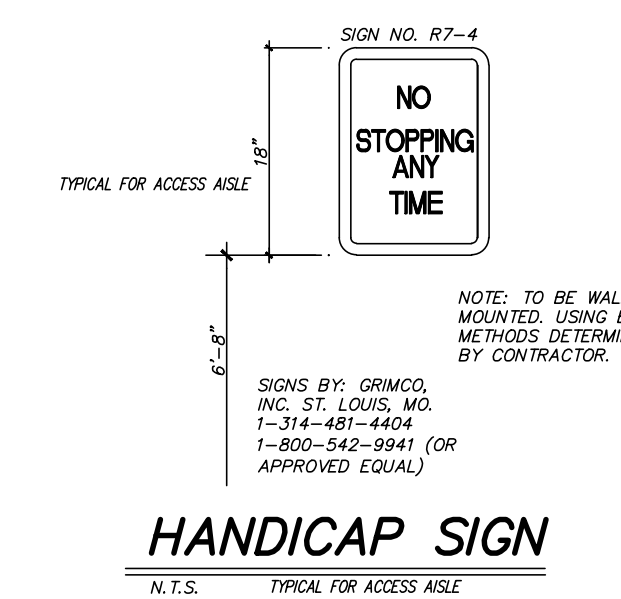
2/C5 **HANDICAPPED PAVEMENT STRIPING DETAIL**
N.T.S.



3/C5 **NEW OR RELAY CURB DETAIL (CITY R.O.W.)**
NOT TO SCALE



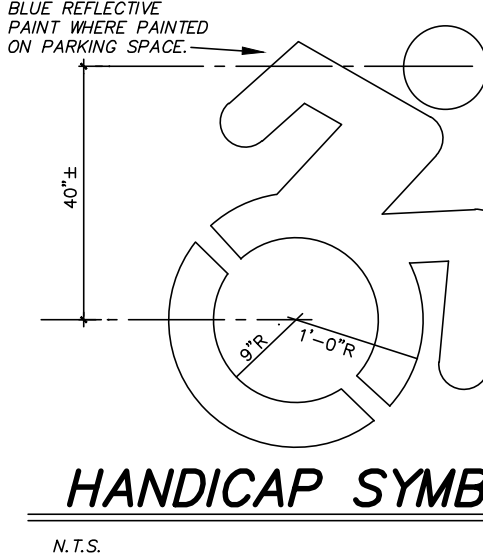
4/C5 **HANDICAP SIGN**



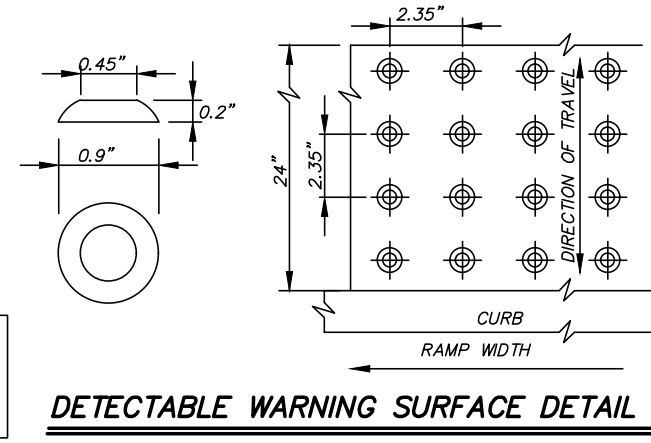
5/C5 **HANDICAP SIGN**

- NOTES:
1. SIDEWALK SLOPE FROM BUILDING WALL TO CURB TO BE 1/8" PER FOOT
 2. SIDEWALK FINISH TO BE MAGNESIUM FLOAT FINISH
 3. CONCRETE WALK TO CONFORM TO CITY OF ALBANY ENGINEERING SPECIFICATIONS
 4. CONCRETE USED SHALL HAVE AN AIR CONTENT OF 5% MIN. TO 7% MAX. AND A SLUMP OF THREE INCHES MIN. TO FIVE INCHES MAX.
 5. ALL CONCRETE PANEL REPLACEMENT SHALL BE FULL PANELS ONLY. PARTIAL PANELS WILL NOT BE ALLOWED.
 6. EXPANSION JOINTS TO BE PLACED BETWEEN ADJACENT SLABS, AT BUILDING LINE OR PENETRATING STRUCTURES
 7. ALL CURBING SHALL BE RESET OR REPLACED AS REQUIRED IN ACCORDANCE WITH CITY DETAILS.

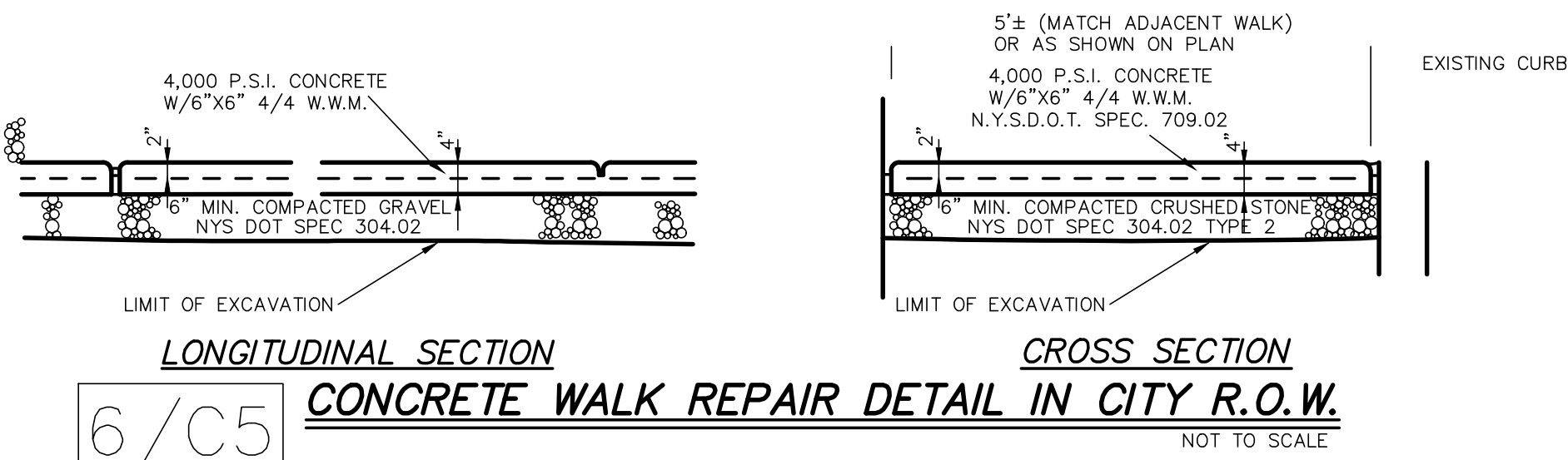
- DETECTABLE WARNING SURFACE NOTES:
1. THE DETAILS PROVIDED ARE NOT DRAWN TO SCALE. THE QUANTITY OF DOMES SPECIFIED ON THE DETECTABLE WARNING UNIT (THE DOMES AND THE ENTIRE 24" LEVEL SURFACE) IS FOR ILLUSTRATION ONLY.
 2. INSTALLATION SHALL MEET ALL APPLICABLE ADA CODES AND STANDARDS.
 3. CONFORM TO STATE OF NEW YORK DEPARTMENT OF TRANSPORTATION MAPS ENTITLED "DETECTABLE WARNING DETAILS, No. M608-SR1".
- DETECTABLE WARNING UNIT DIMENSIONS:
1. THE SIZE OF THE DETECTABLE WARNING FIELD SHALL BE 24" IN THE DIRECTION OF TRAVEL AND SHALL EXTEND THE FULL WIDTH OF THE CURB RAMP OR FLUSH SURFACE, EXCLUSIVE OF SIDE FLARES.
- DOME ALIGNMENT:
1. THE ROWS OF DOMES SHALL BE ALIGNED TO BE PERPENDICULAR OR RADIAL TO THE GRADE BREAK BETWEEN THE RAMP LANDING OR CURB RAMP AND THE STREET.
 2. WHERE DOMES ARE ARRANGED RADially THEY MAY DIFFER IN DOME DIAMETER AND CENTER-TO-CENTER SPACING WITHIN THE RANGES SPECIFIED ON THIS SHEET.
- DETECTABLE WARNING COLOR REQUIREMENTS:
1. THE DETECTABLE WARNING FIELD SHALL BE THE COLOR SPECIFIED IN THE CONTRACT DOCUMENTS OR MEET THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS.
- DETECTABLE WARNING LOCATIONS:
1. DETECTABLE WARNINGS SHALL BE LOCATED SO THAT THE EDGE OR CORNER OF THE WARNING FIELD NEAREST TO THE ROADWAY IS 5" TO 9" FROM THE FRONT OF THE CURB OR THE ROADWAY EDGE (15" WHERE TRANSFERABLE CURB IS USED).
 2. THE EDGE OF THE DETECTABLE WARNING FIELD NEAREST TO A RAILROAD CROSSING SHALL BE 6'-0" MINIMUM AND 15'-0" MAXIMUM FROM THE CENTERLINE OF THE NEAREST RAIL.



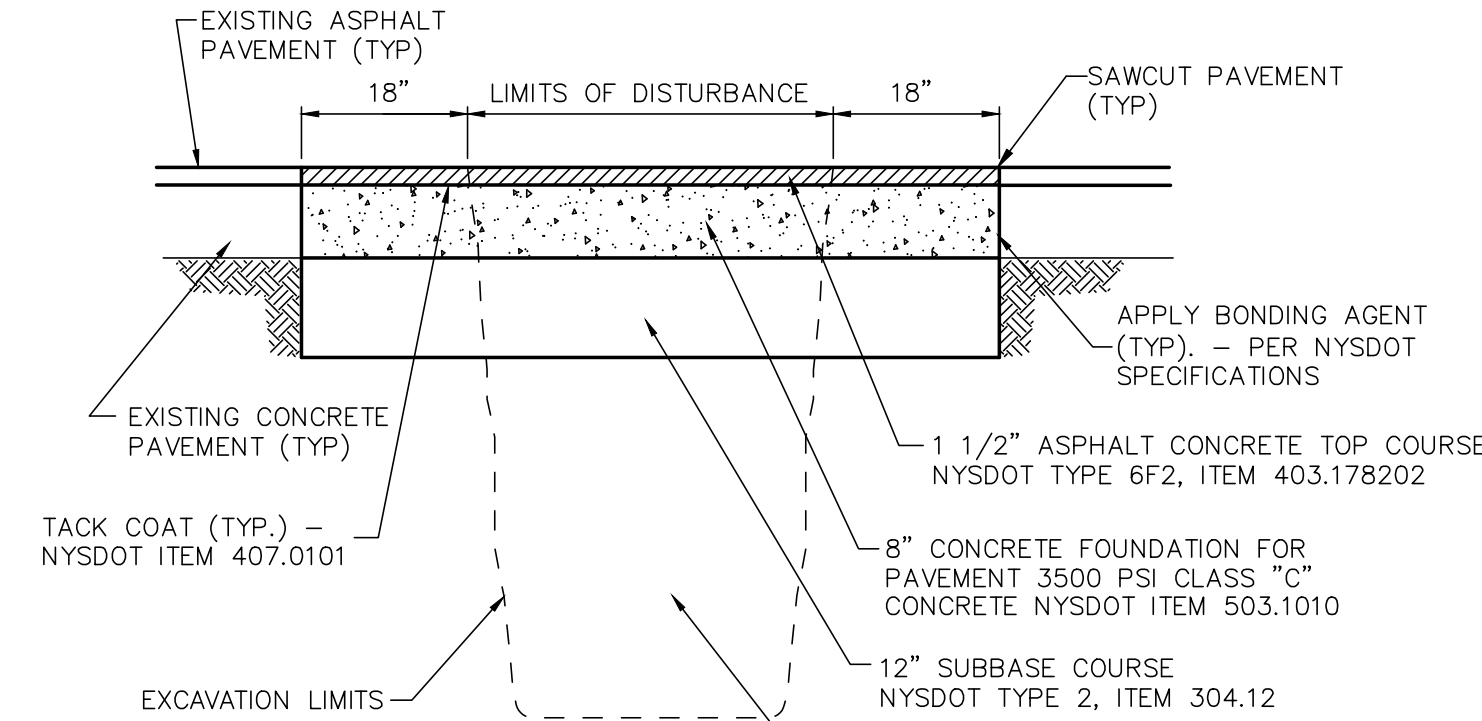
8/C5 **HANDICAP SYMBOL**
N.T.S.



7/C5 **DETECTABLE WARNING SURFACE DETAIL**

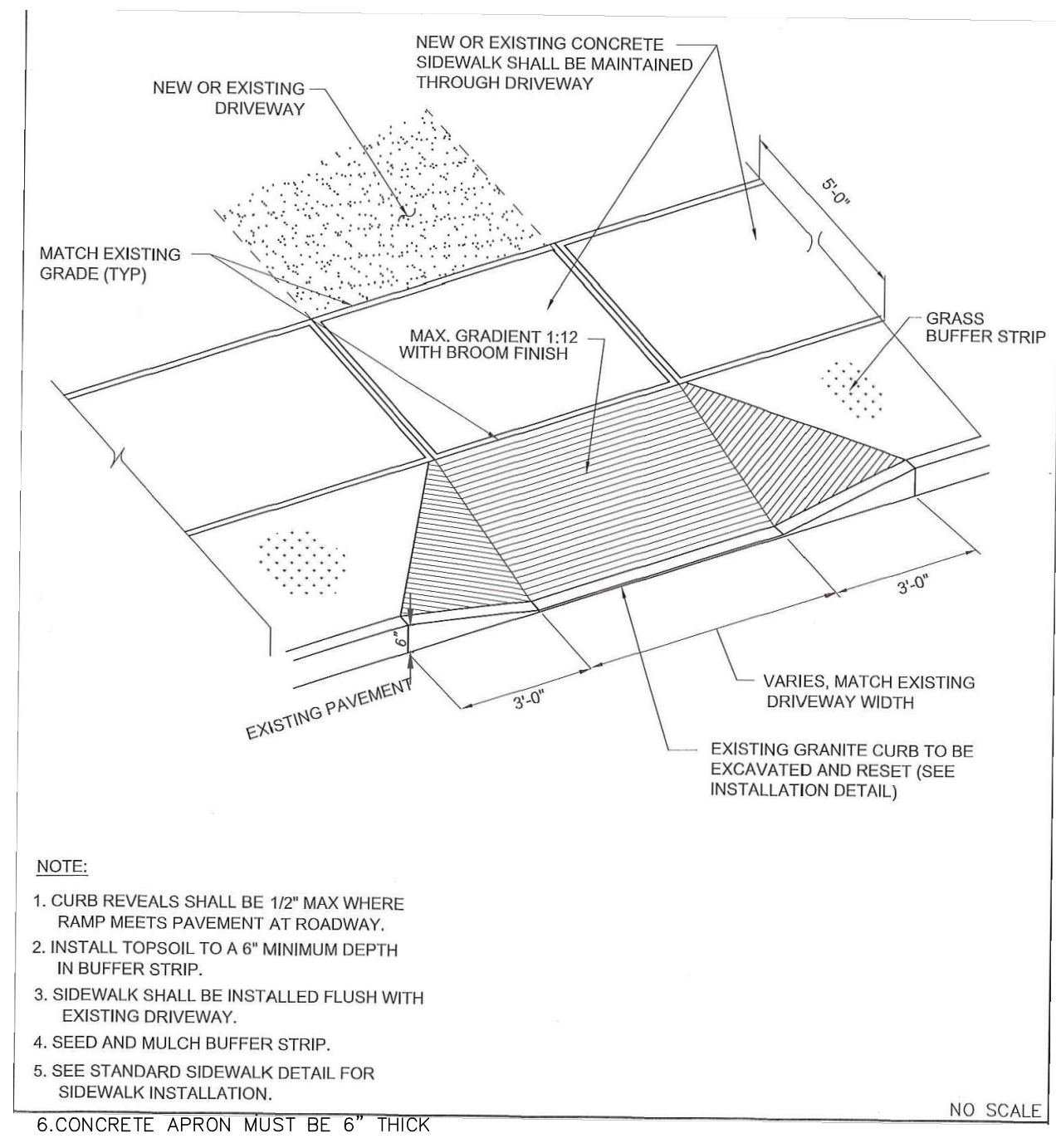


6/C5 **CONCRETE WALK REPAIR DETAIL IN CITY R.O.W.**
NOT TO SCALE

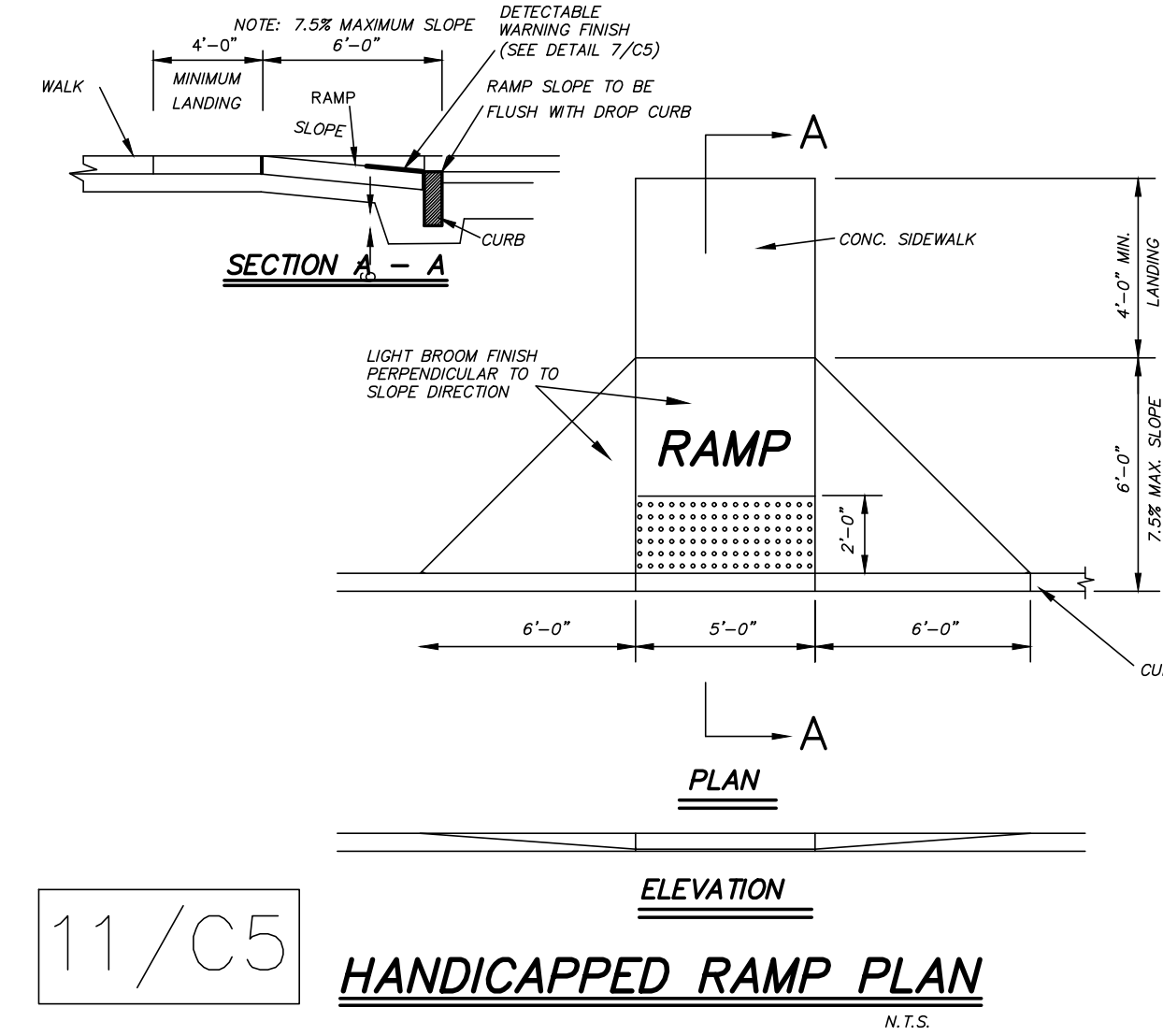


9/C5 **STREET RESTORATION CONCRETE PAVEMENT DETAIL SR-2**
NOT TO SCALE

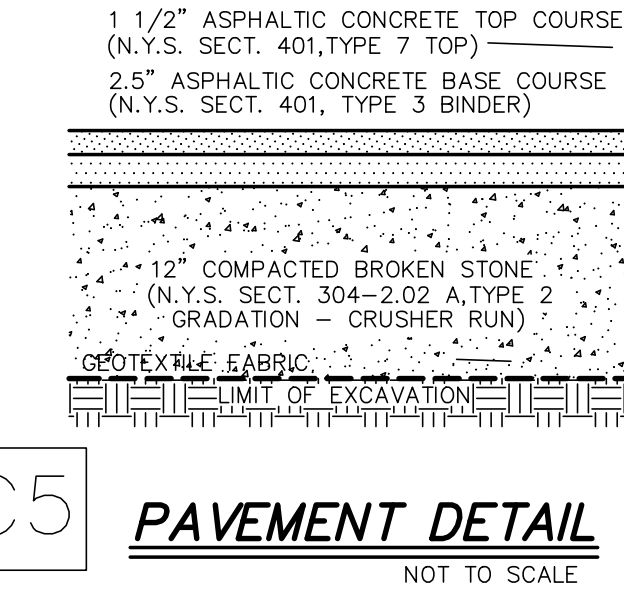
- NOTE:
1. IF LIMITS OF TRENCHING EXCEEDS 50 FEET, CONTRACTOR SHALL COMPLETE CURB TO CURB MILLING PER CITY DETAILS
 2. ALL PAVEMENT MARKINGS DISTURBED SHALL BE RESTORED TO THE SATISFACTION OF THE CITY
 3. ALL JOINTS TO BE SEALED WITH ASPHALT EMULSION (AC-20) NYS DOT ITEM 702-0500



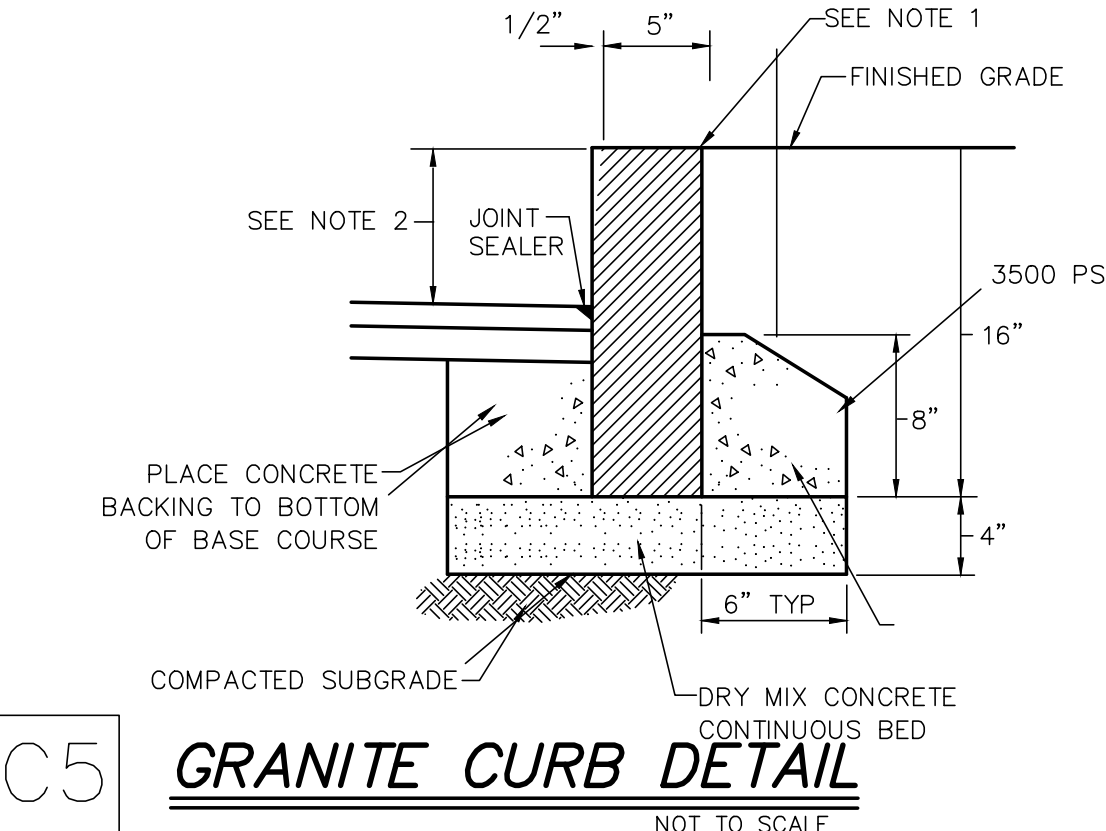
10/C5 **CONCRETE DRIVEWAY APRON DETAIL**
NOT TO SCALE



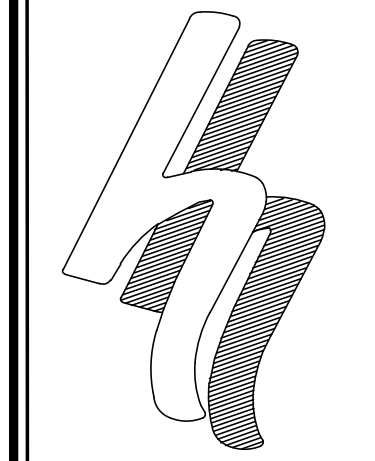
11/C5 **HANDICAPPED RAMP PLAN**
N.T.S.



12/C5 **PAVEMENT DETAIL**
NOT TO SCALE

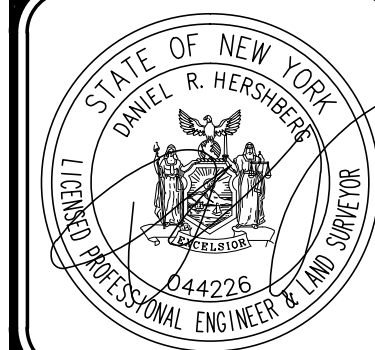


13/C5 **GRANITE CURB DETAIL**
NOT TO SCALE



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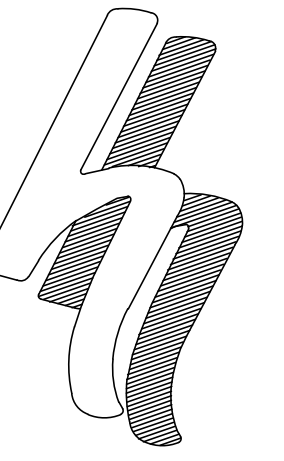
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DATE	REVISIONS
02/26/21	GENERAL UPDATES
05/25/21	GENERAL UPDATES
06/18/21	GENERAL UPDATES
07/08/21	GENERAL UPDATES
07/16/21	DIMENSION UPDATES
08/04/21	DIMENSION UPDATES

SITE DETAILS FOR 25 DELAWARE AVENUE ALBANY, NY

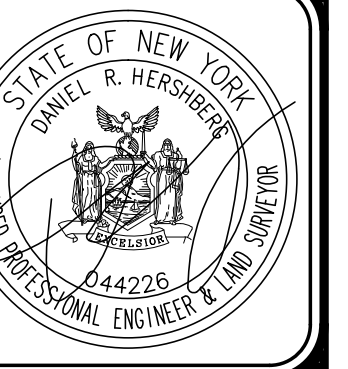
DATE: 11/09/20
 CHK: DRH
 BY: TMO
 SCALE: 1"=30'
 FILE: 180244



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Consulting Engineers and Land Surveyors
18 Locust Street
Albany, New York 12203

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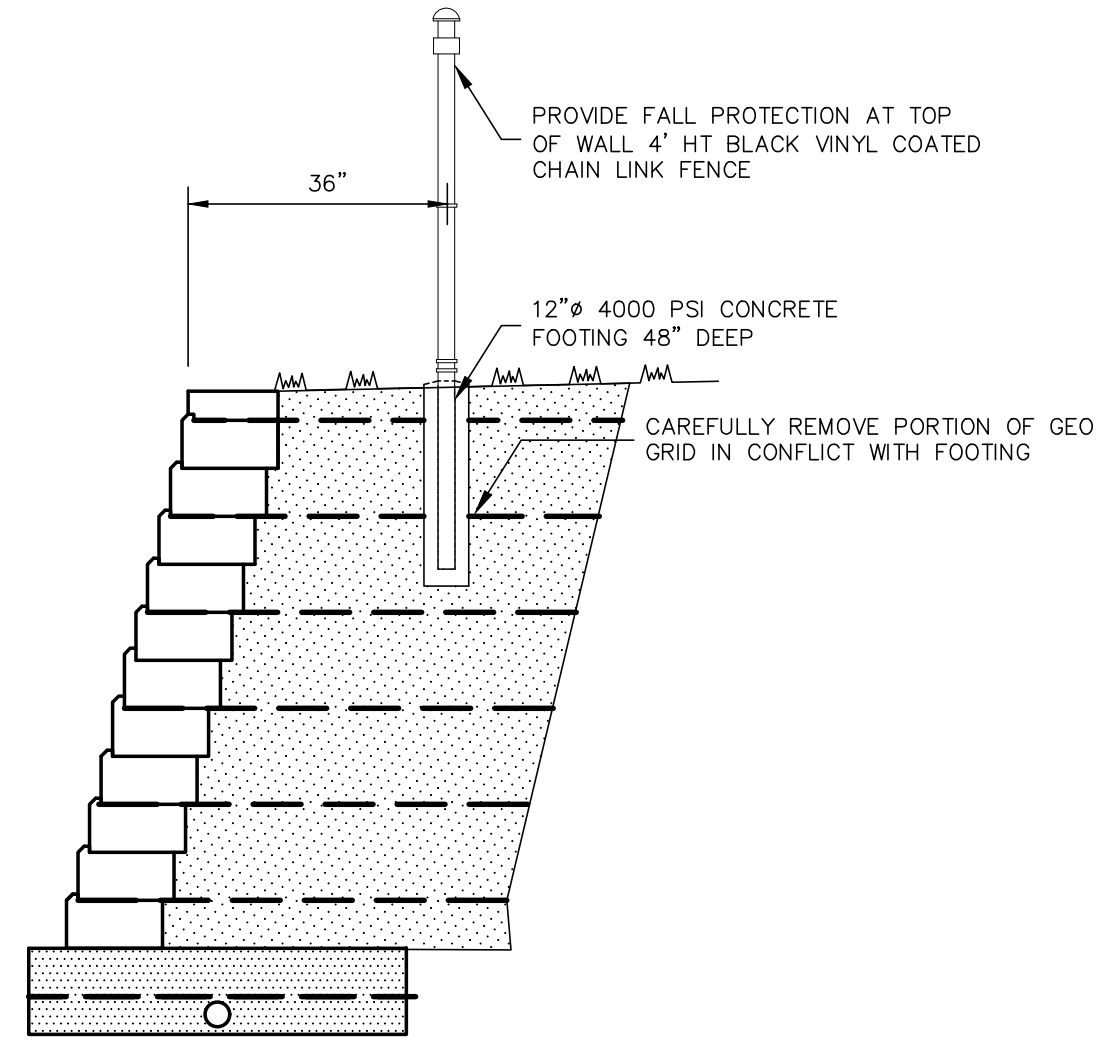
DATE	REVISIONS

RETAINING WALL PROFILE AND DETAILS
25 DELAWARE AVENUE
ALBANY, NY

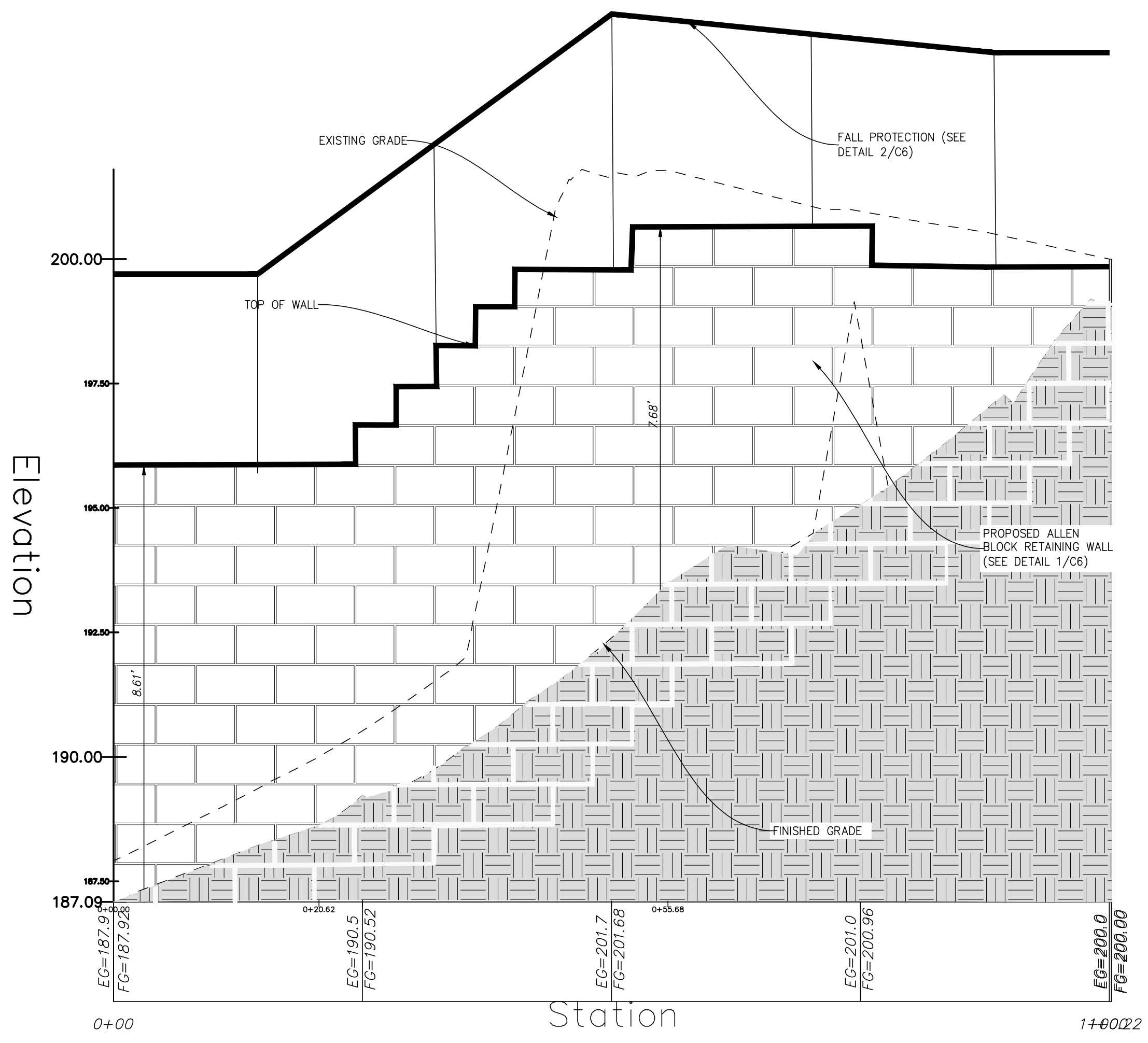
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SCALE: 1"=10'
DATE: 11/10/20
CHK: DRW
SYS: TMO
180244-SDMC

PROPOSED

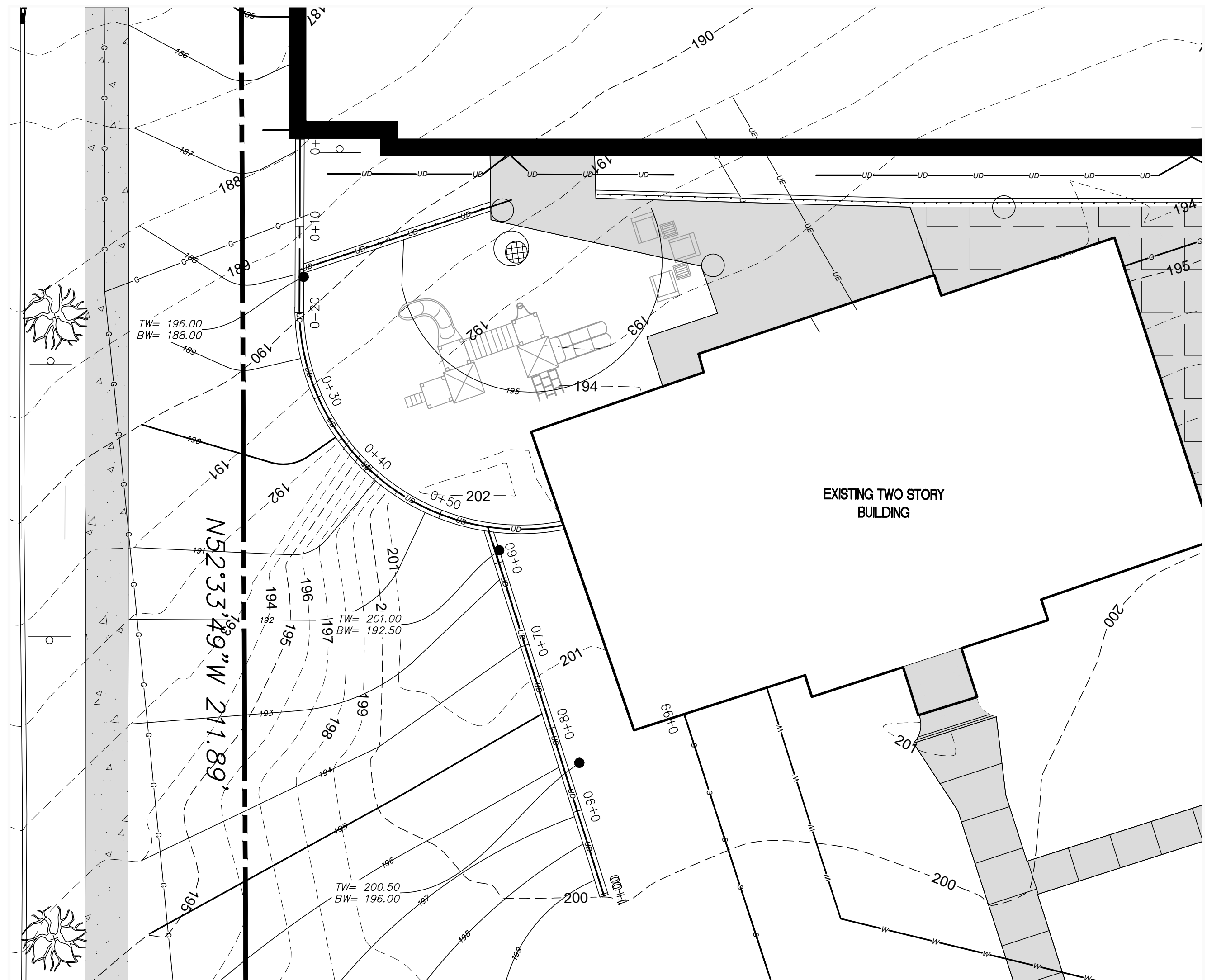
- ⊗ WV EXISTING WATER VALVE
- ⊙ EXISTING POLE WITH LIGHT
- ⊙ EXISTING UTILITY POLE
- ⊙ EXISTING SIGN
- W — EXISTING WATER MAIN
- S — EXISTING SANITARY SEWER MAIN
- ST — EXISTING STORM SEWER MAIN
- ⊕ CB OR ⊕ CB EXISTING CATCH BASIN
- ⊕ EXISTING MANHOLE
- ⊕ WATER SHUT OFF
- X — FENCE LINE
- — EXISTING PAVEMENT
- 199 --- EXISTING CONTOURS
- 200 --- EXISTING CONTOURS
- 201 --- PROPOSED CONTOURS
- 202 --- PROPOSED CONTOURS
- W — PROPOSED WATER MAIN
- S — PROPOSED HYDRANT
- S — PROPOSED SEWER MAIN
- ST — PROPOSED STORM SEWER
- ⊕ OR ⊕ PROPOSED CATCH BASIN
- ⊕ PROPOSED MANHOLE
- — PROPOSED SIDEWALK AND HANDICAPPED RAMP
- — DETECTABLE SURFACE
- CS HANDICAPPED PARKING
- — PROPOSED BUILDING
- — PROPOSED CURB
- — ADA RAMP
- 7/C5 DETAIL/SHEET NUMBER



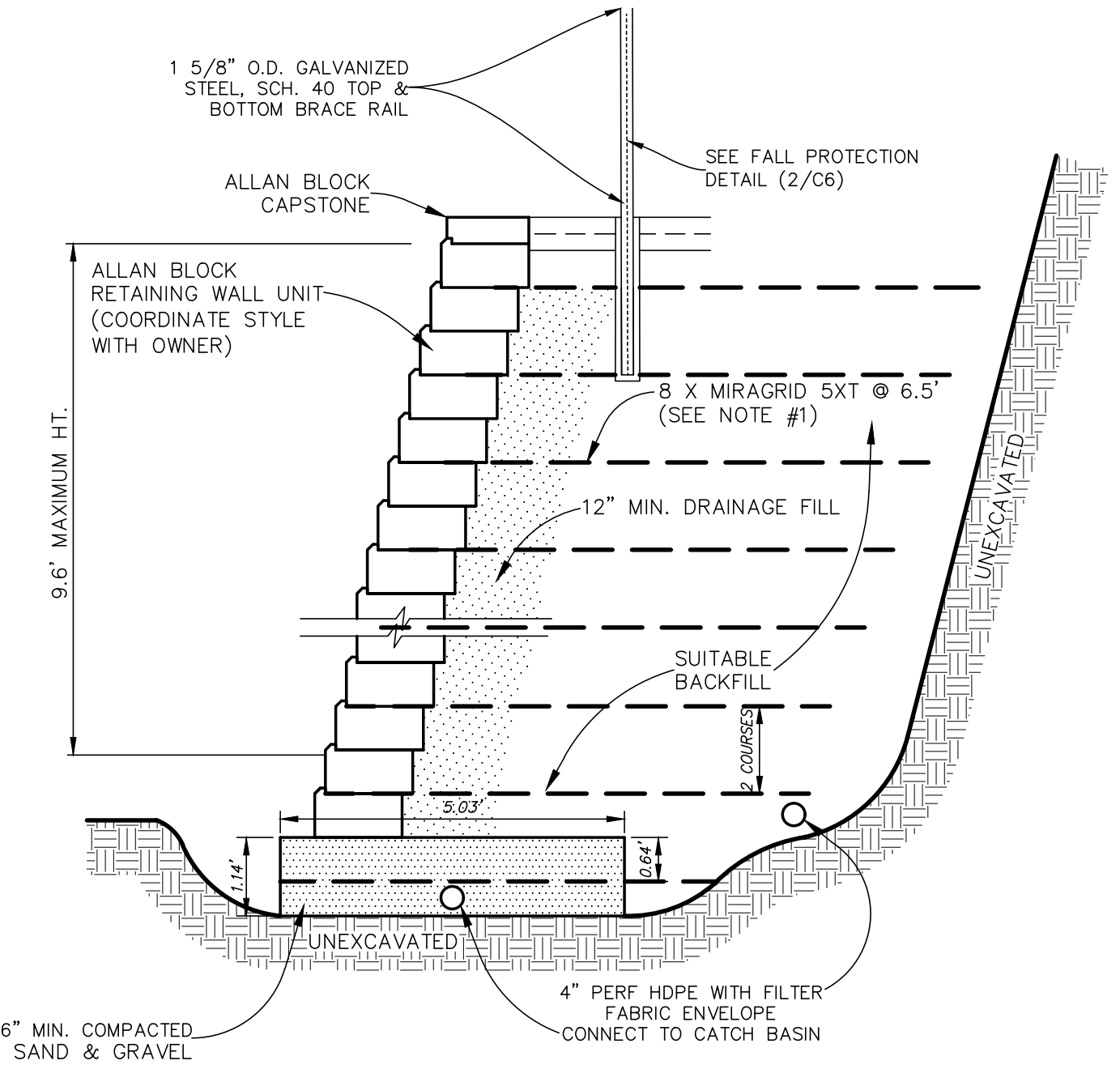
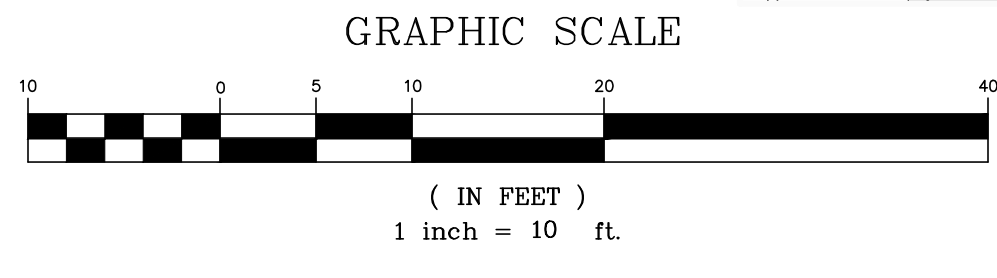
2/C6 **FALL PROTECTION DETAIL**
NOT TO SCALE



RETAINING WALL PROFILE
SCALE: 1"=2' (H) 1"=10' (V)

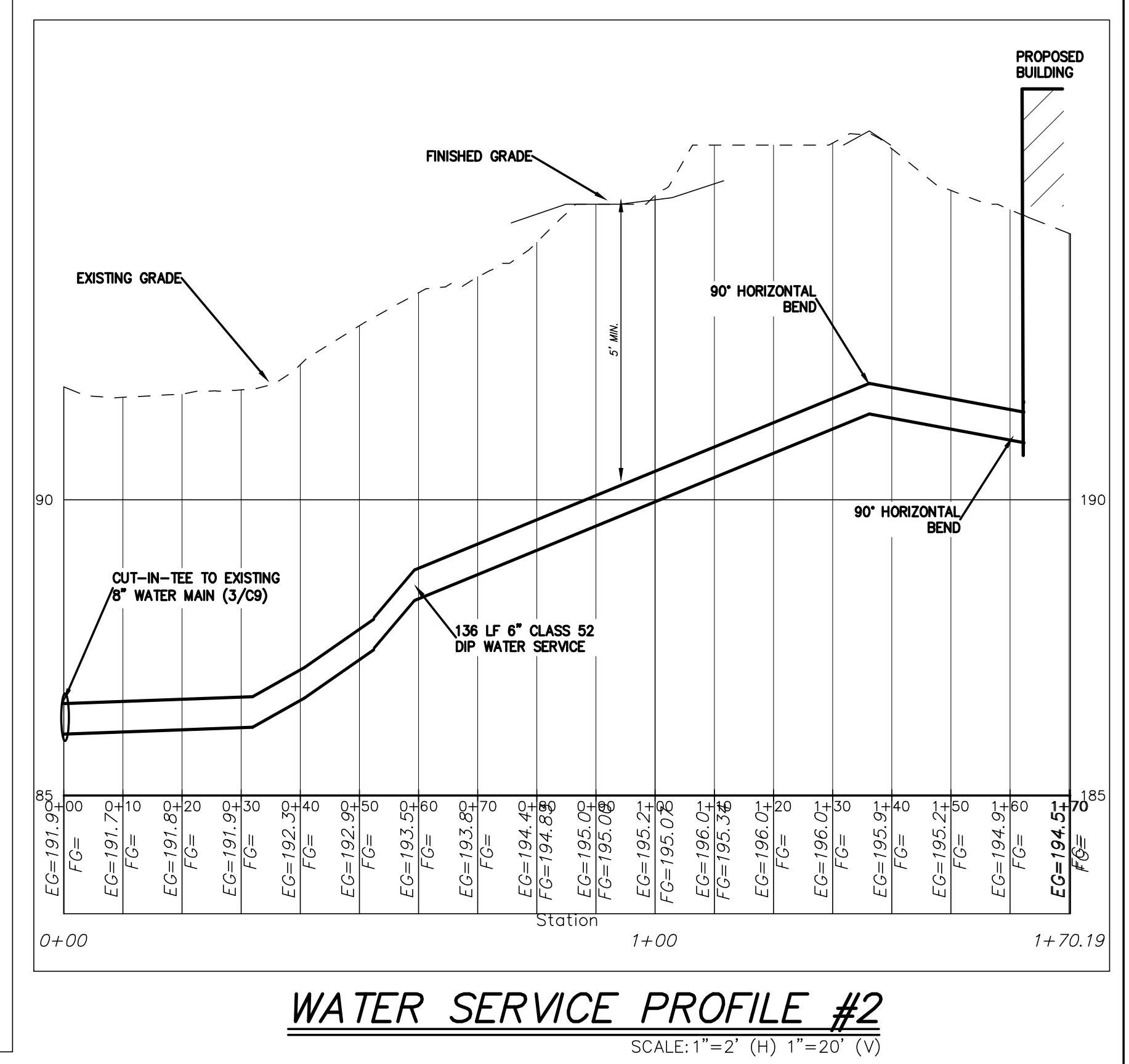
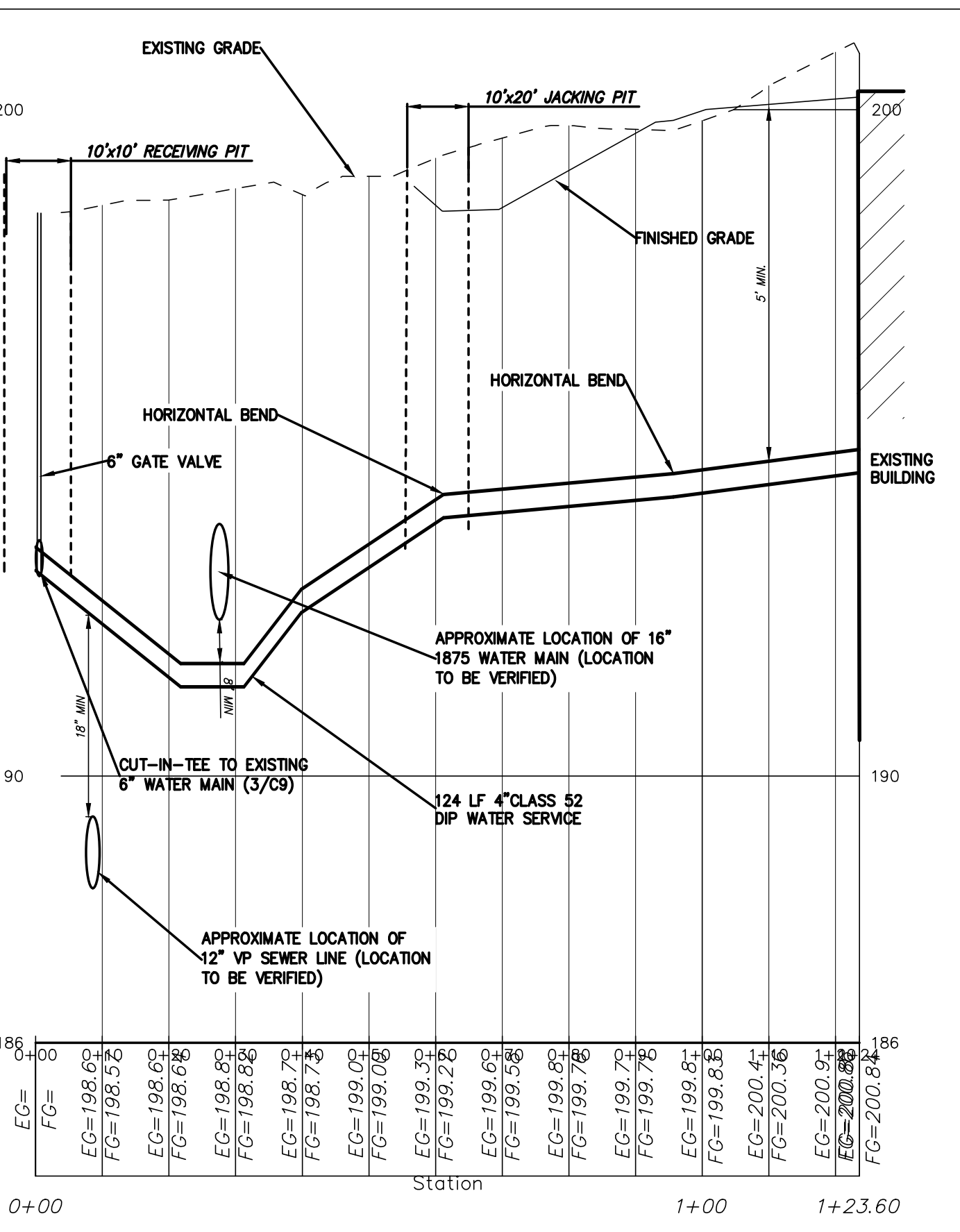
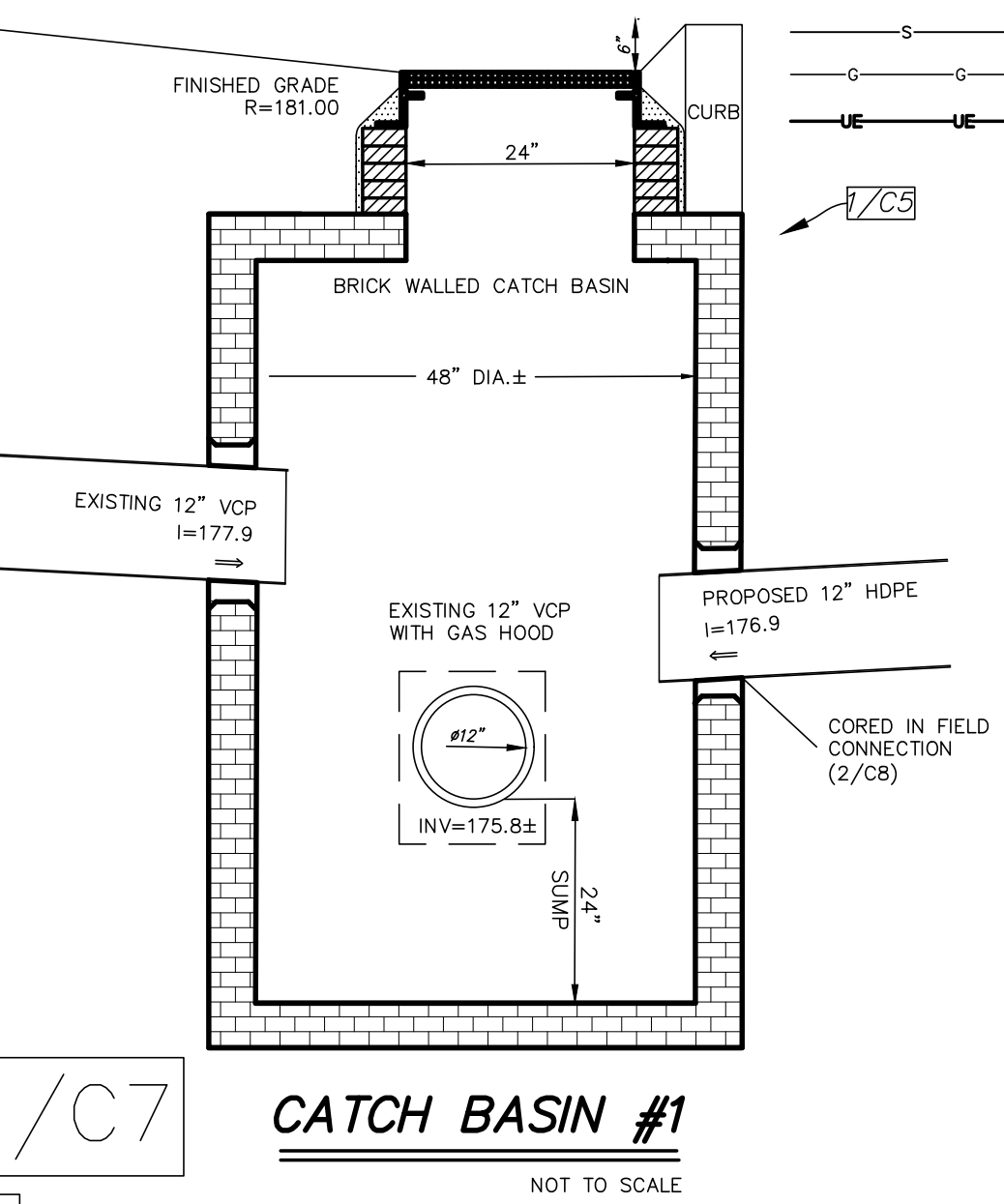
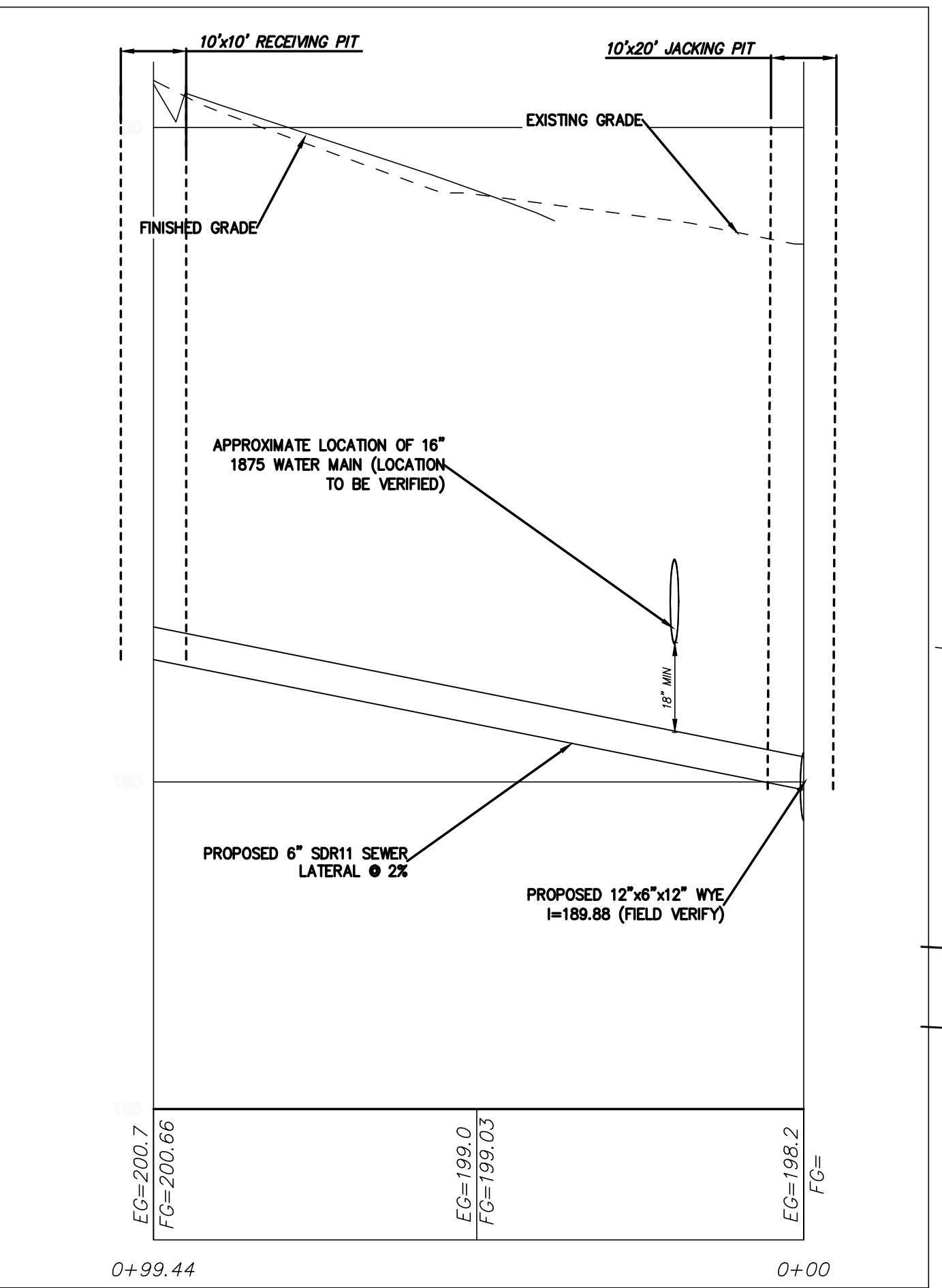
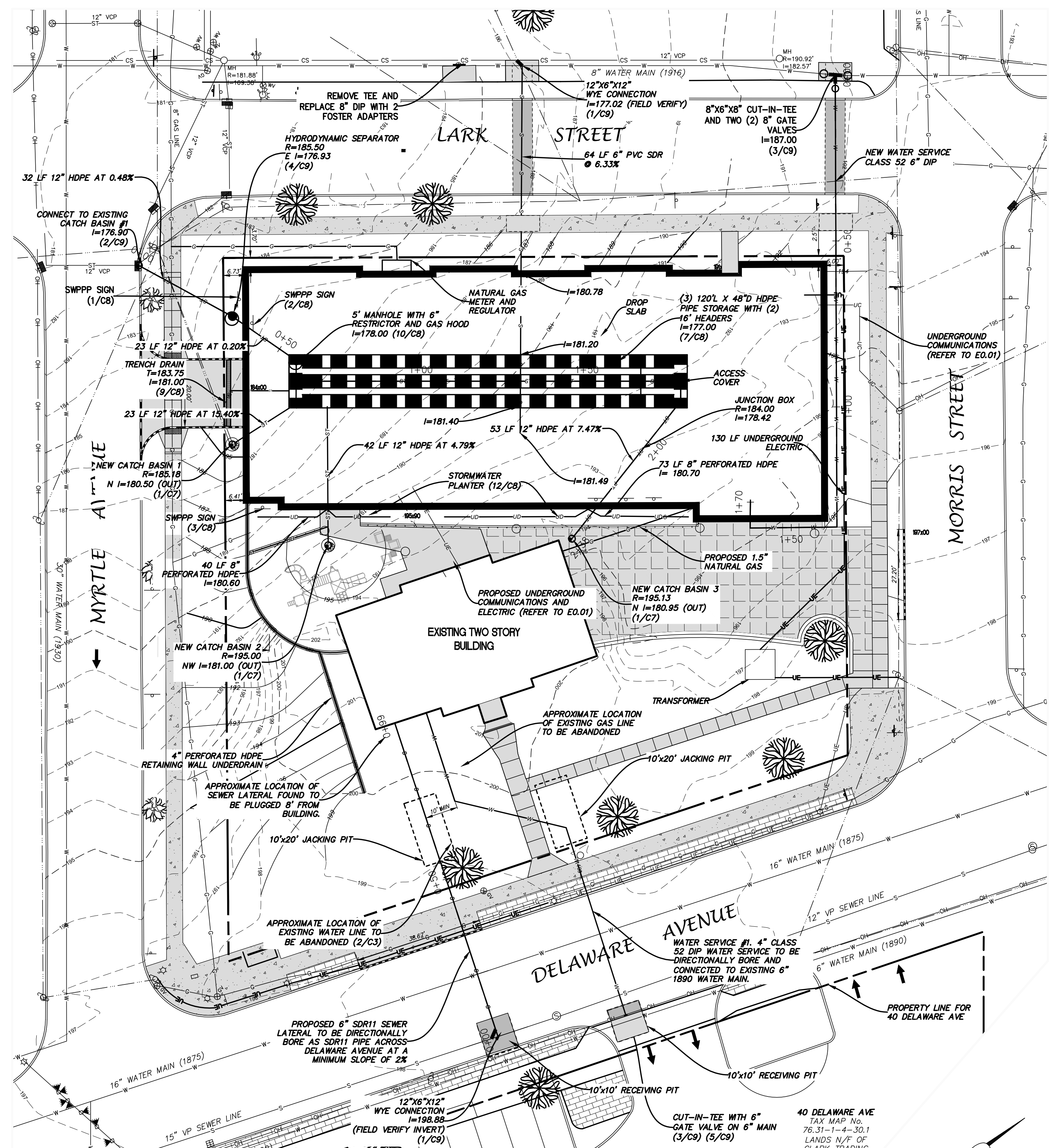


RETAINING WALL PLAN
SCALE: 1"=10'



1/C6 **BLOCK RETAINING WALL DETAIL**
NOT TO SCALE

NOTES:
1. WALL HEIGHT AND NUMBER OF GEOGRID LAYERS VARY. SEE RETAINING WALL CALCULATIONS FOR INFORMATION ON INDIVIDUAL WALL SECTIONS.



LEGEND		
R.O.W.	RIGHT OF WAY	MONUMENT
No.	NUMBER	IRON ROD
enc.	ENCROACHMENT	MANHOLE
P.O.B.	POINT OF BEGINNING	CATCHBASIN
S.F.	SQUARE FEET	SIGN
N/F	NOW OR FORMERLY	BOLLARD
FL	FEET	FENCE LINE
Dep.	DEGREE	GUARD RAIL
R	RECORD	OVERHEAD WIRE, UTILITY POLE & GUY WIRE
M	MEASURED	TRAFFIC FLOW ACCESS AREA
N	NORTH	WATER SHUT OFF
S	SOUTH	WATER VALVE
E	EAST	HYDRANT
W	WEST	GAS VALVE
tel.	TELEPHONE	GAS TEST
elec.	ELECTRIC	GAS DRIP
L	LIBER	STREET LIGHT
P	PAGE	LIGHT POLE
W	WATER LINE	CONCRETE
S	SEWER LINE	PAVEMENT
G	GAS LINE	TREE CONIFEROUS DIAMETER OF TREE
UE	UNDERGROUND ELECTRIC	TREE DECIDUOUS DIAMETER OF TREE

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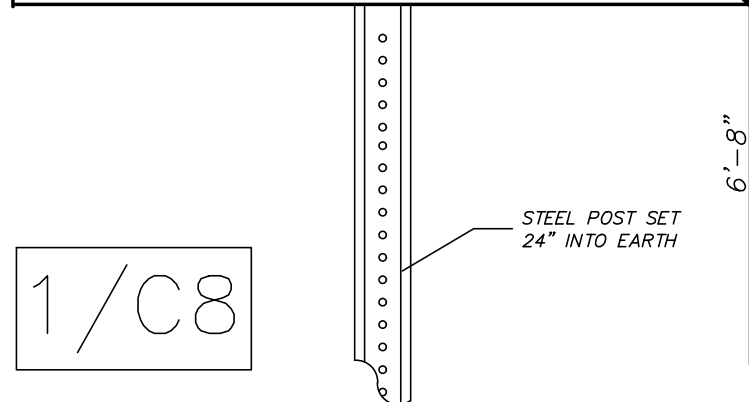
DATE	REVISIONS
05/17/21	GENERAL UPDATES
05/25/21	GENERAL UPDATES
06/07/21	GENERAL UPDATES
06/17/21	GENERAL UPDATES
07/09/21	GENERAL UPDATES
07/09/21	GENERAL UPDATES

**UTILITY PLAN FOR
25 DELAWARE AVENUE
ALBANY, NY**

FILE: 180244
DATE: 11/10/20
SCALE: 1"=20'
CHK: DRH
ENT: MAD
180244-3.DWG

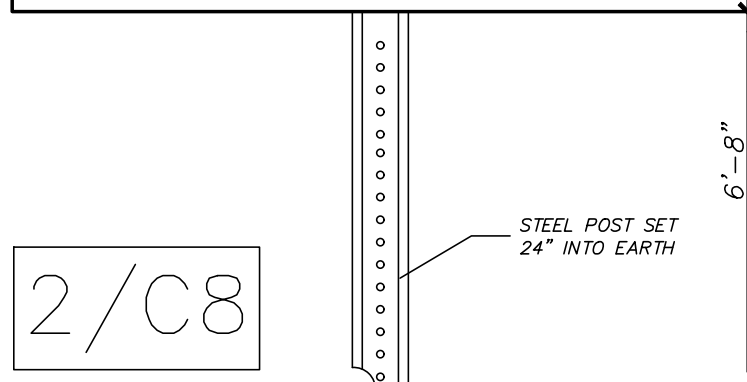
C7 OF 17

STORMWATER MANAGEMENT PRACTICE - HYDRODYNAMIC SEPARATOR
Project Identification
Must Be Maintained In Accordance With O&M Plan
DO NOT REMOVE OR ALTER



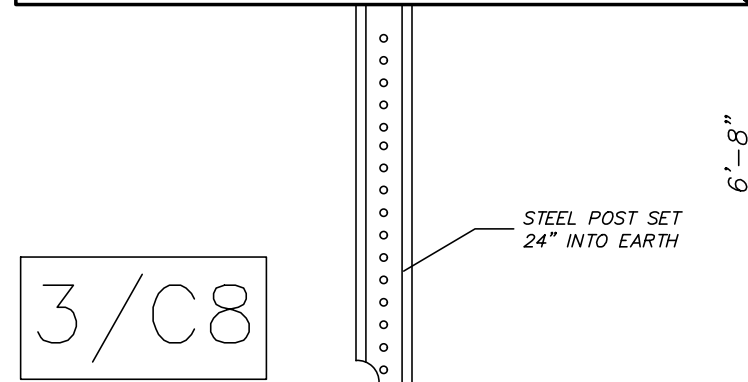
1/C8
STORMWATER MANAGEMENT PRACTICE SIGN (AT HYDRODYNAMIC SEPARATOR LOCATION)

STORMWATER MANAGEMENT PRACTICE - SUBSURFACE DETENTION
Project Identification
Must Be Maintained In Accordance With O&M Plan
DO NOT REMOVE OR ALTER

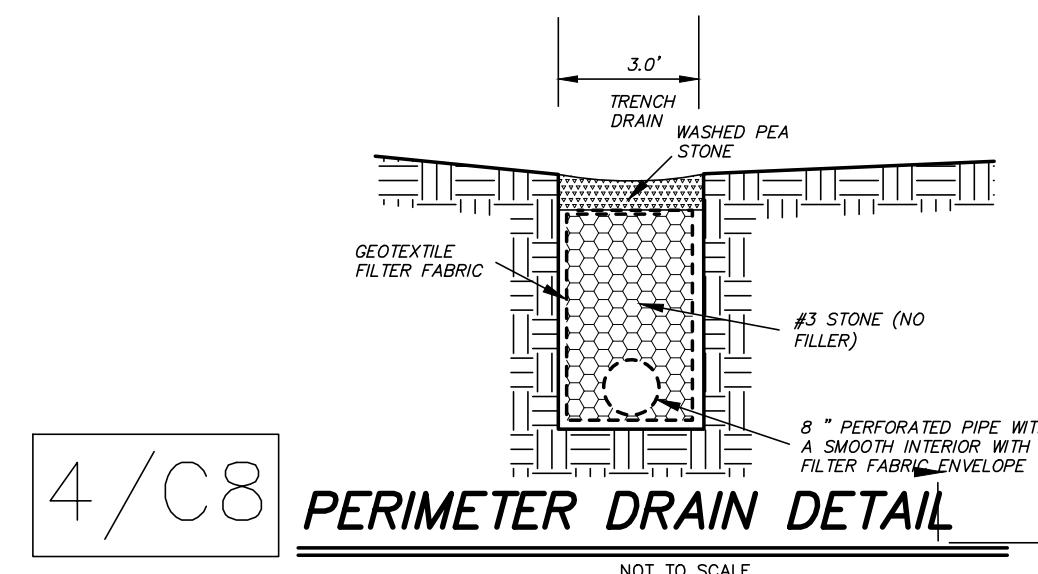


2/C8
STORMWATER MANAGEMENT PRACTICE SIGN (AT SUBSURFACE DETENTION LOCATION)

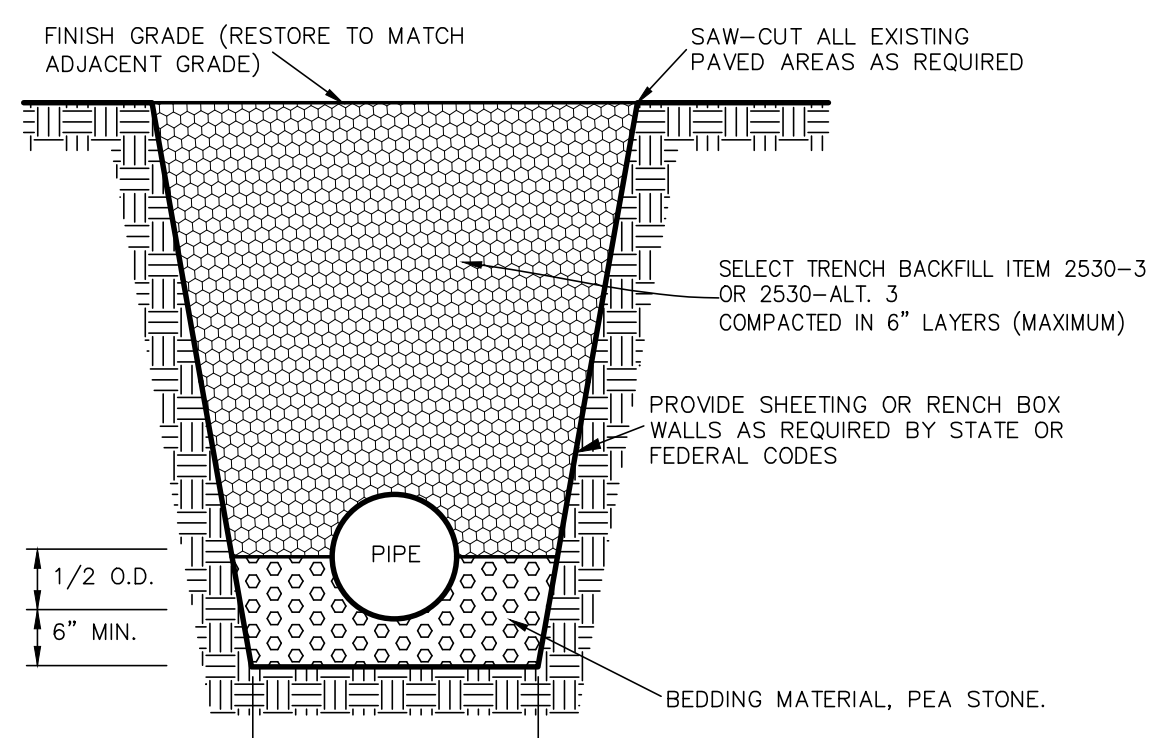
STORMWATER MANAGEMENT PRACTICE - STORMWATER PLANTER
Project Identification
Must Be Maintained In Accordance With O&M Plan
DO NOT REMOVE OR ALTER



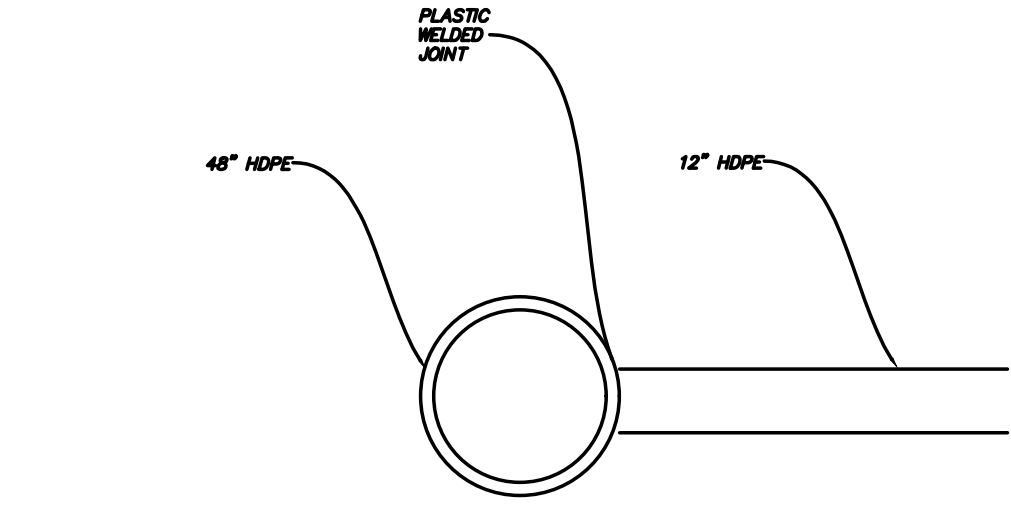
3/C8
STORMWATER MANAGEMENT PRACTICE SIGN (AT STORMWATER PLANTER LOCATION)



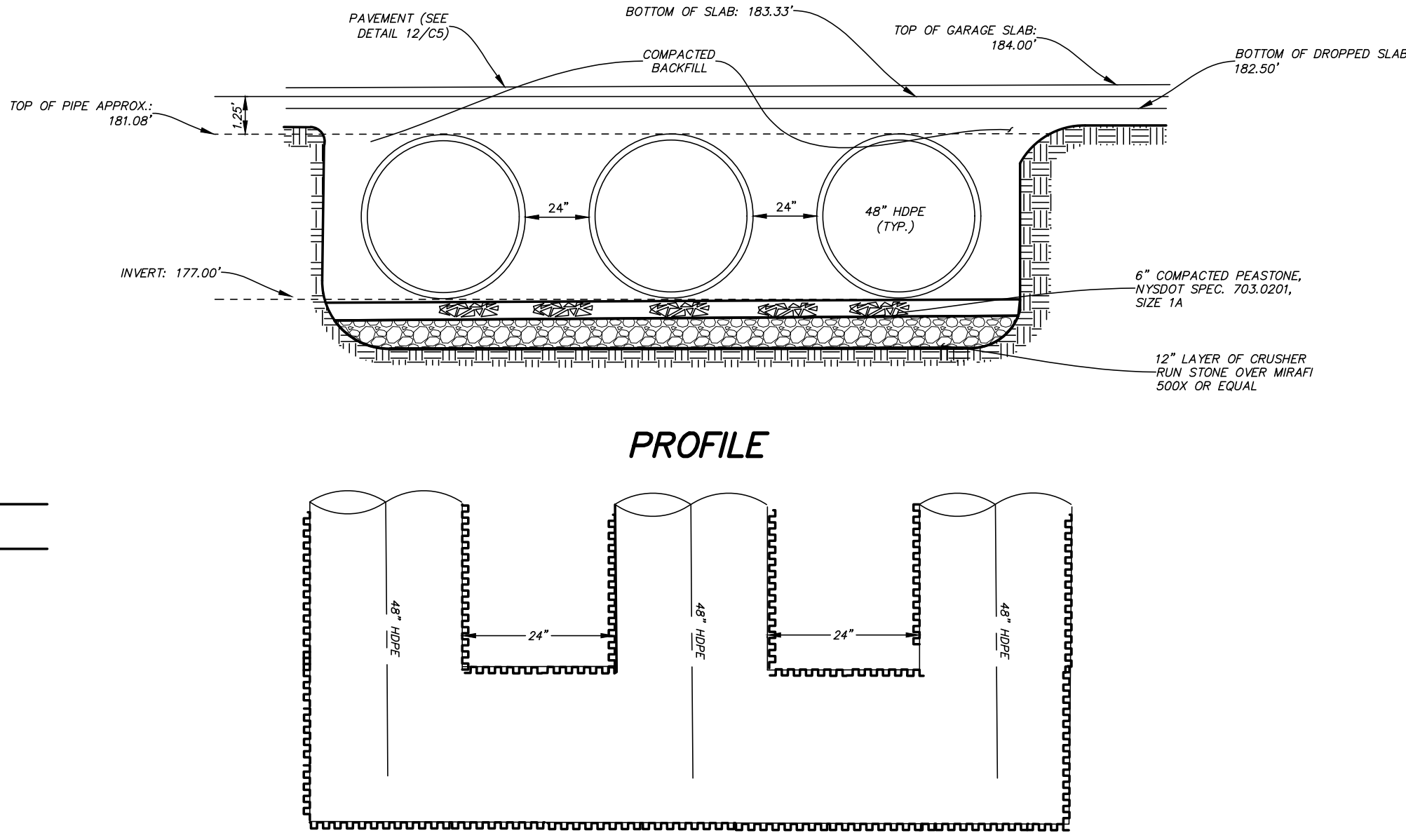
4/C8
PERIMETER DRAIN DETAIL



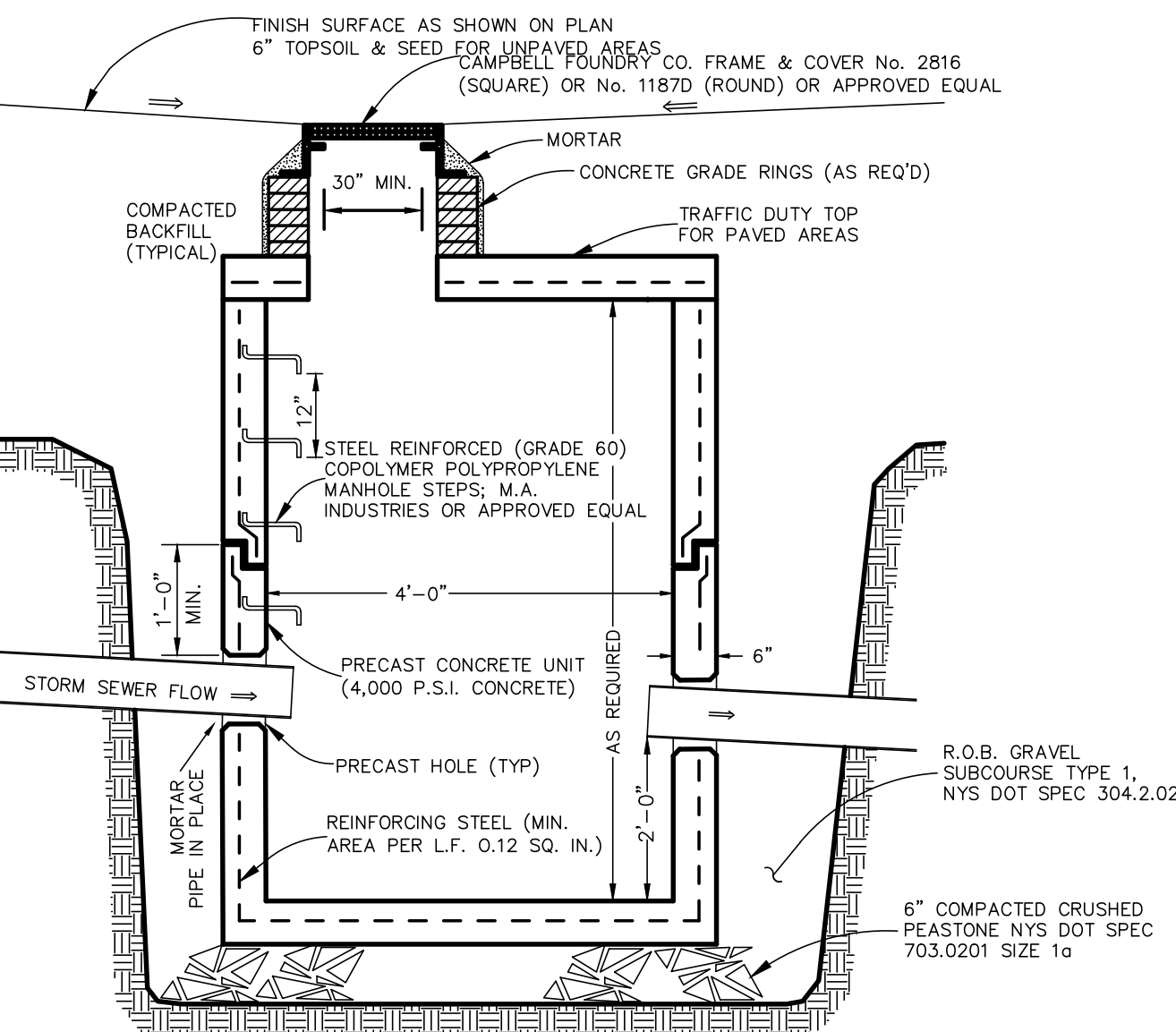
5/C8
TYPICAL STORM SEWER TRENCH DETAIL



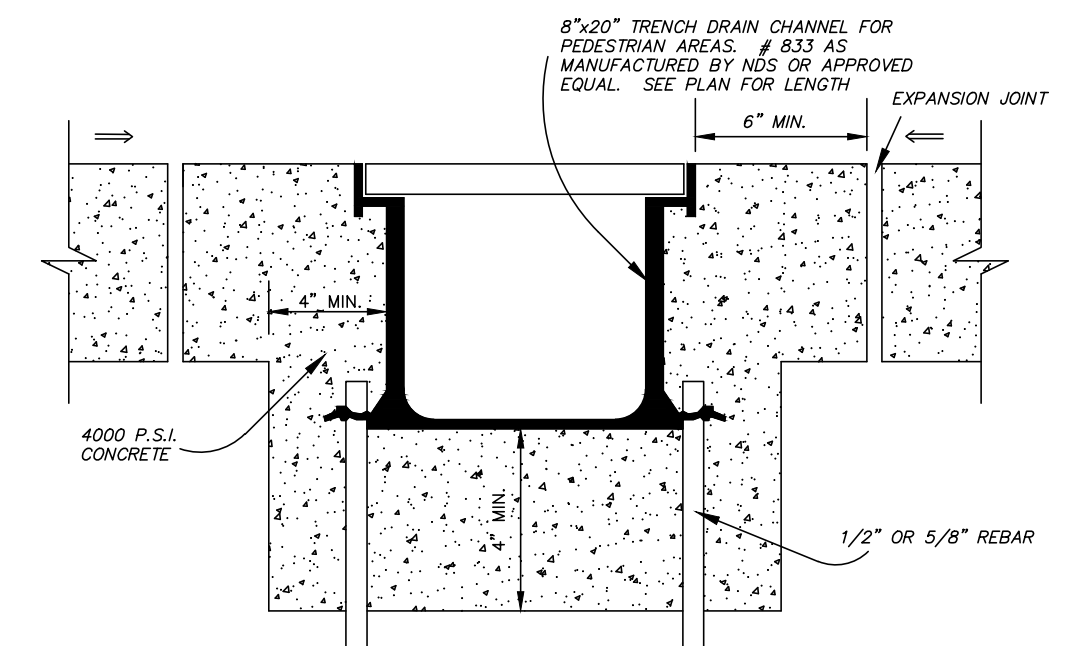
6/C8
TIE-IN DETAIL



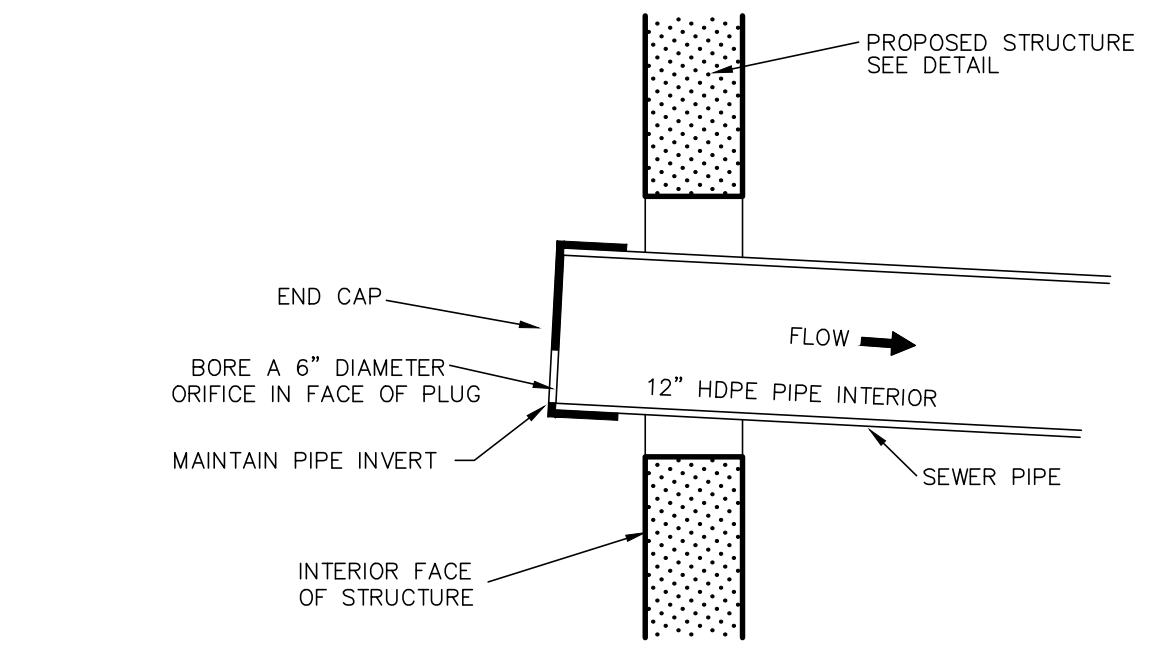
7/C8
STORM WATER PIPE STORAGE



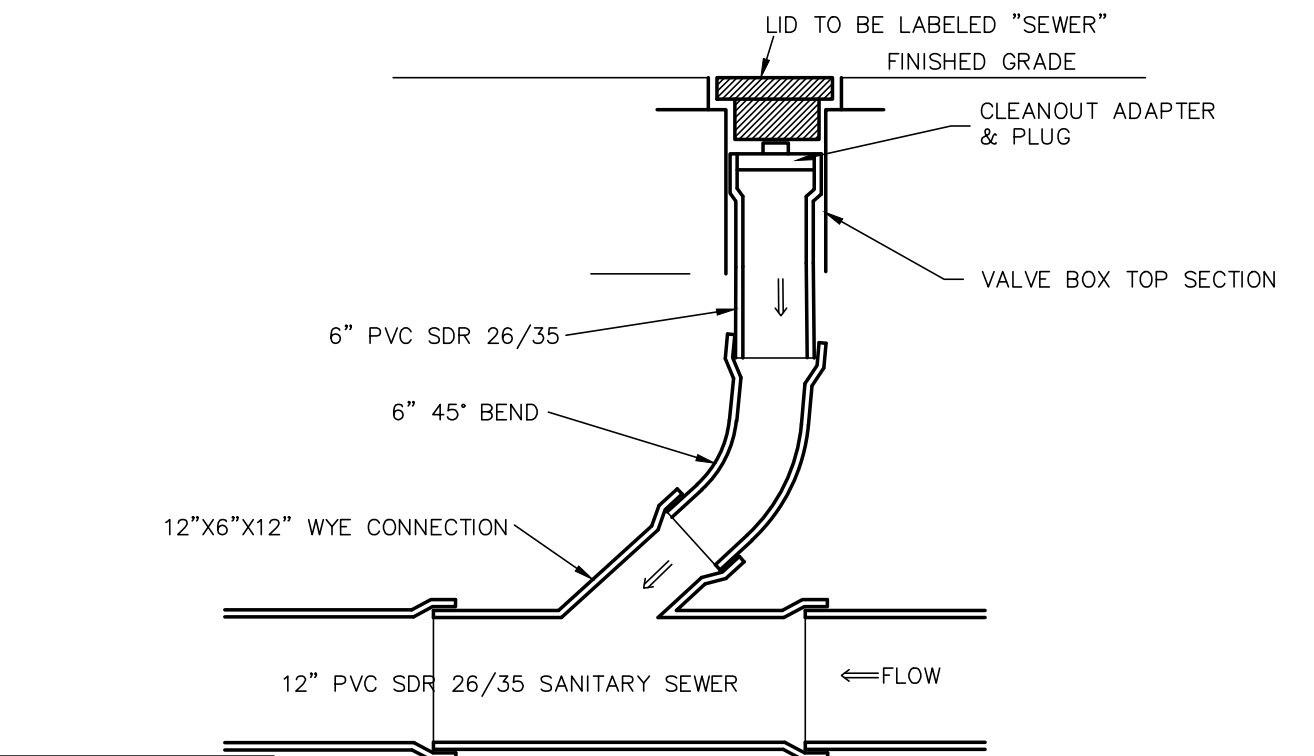
8/C8
CATCH BASIN DETAIL



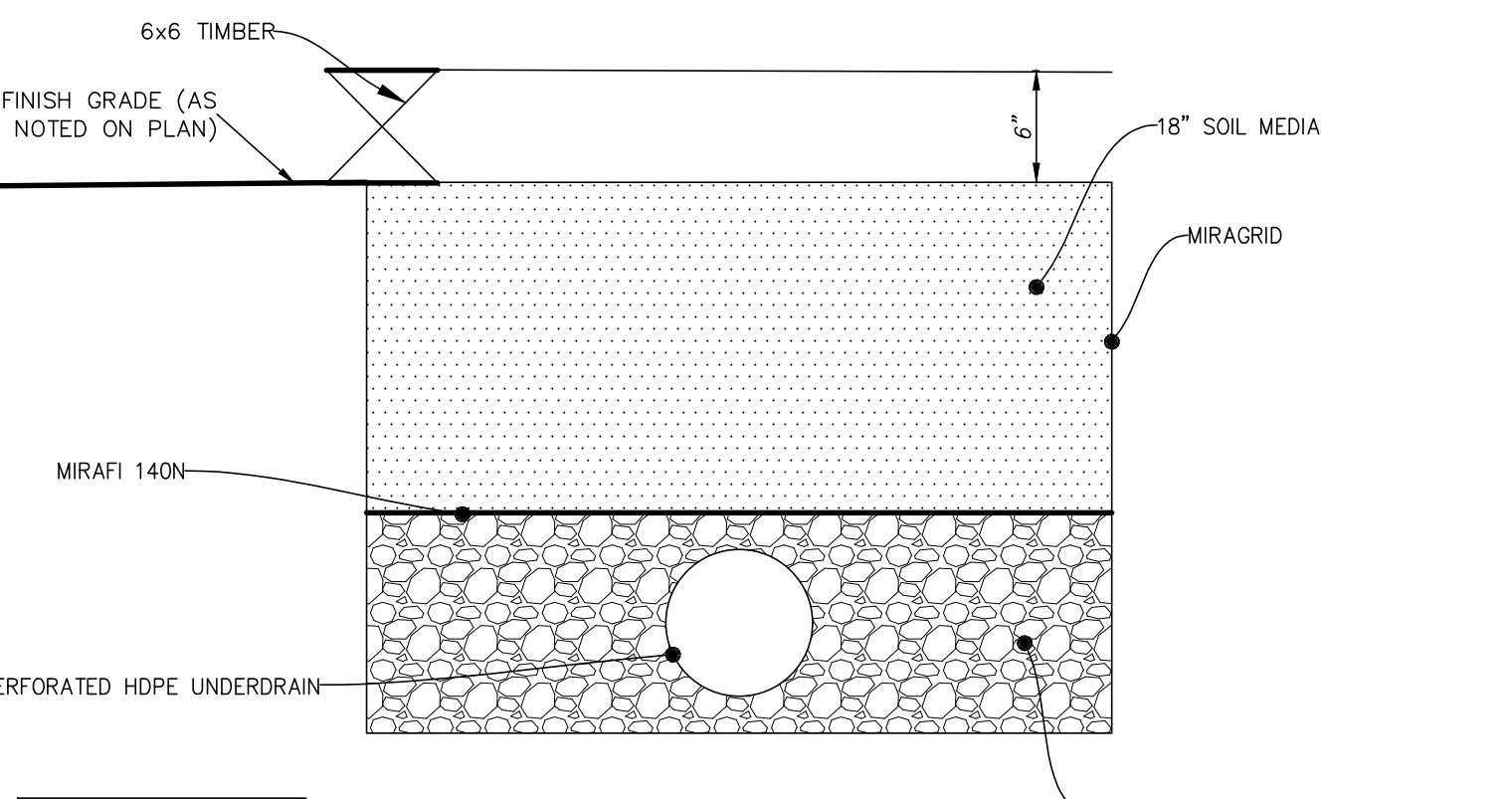
9/C8
TRENCH DRAIN DETAIL PEDESTRIAN AREAS



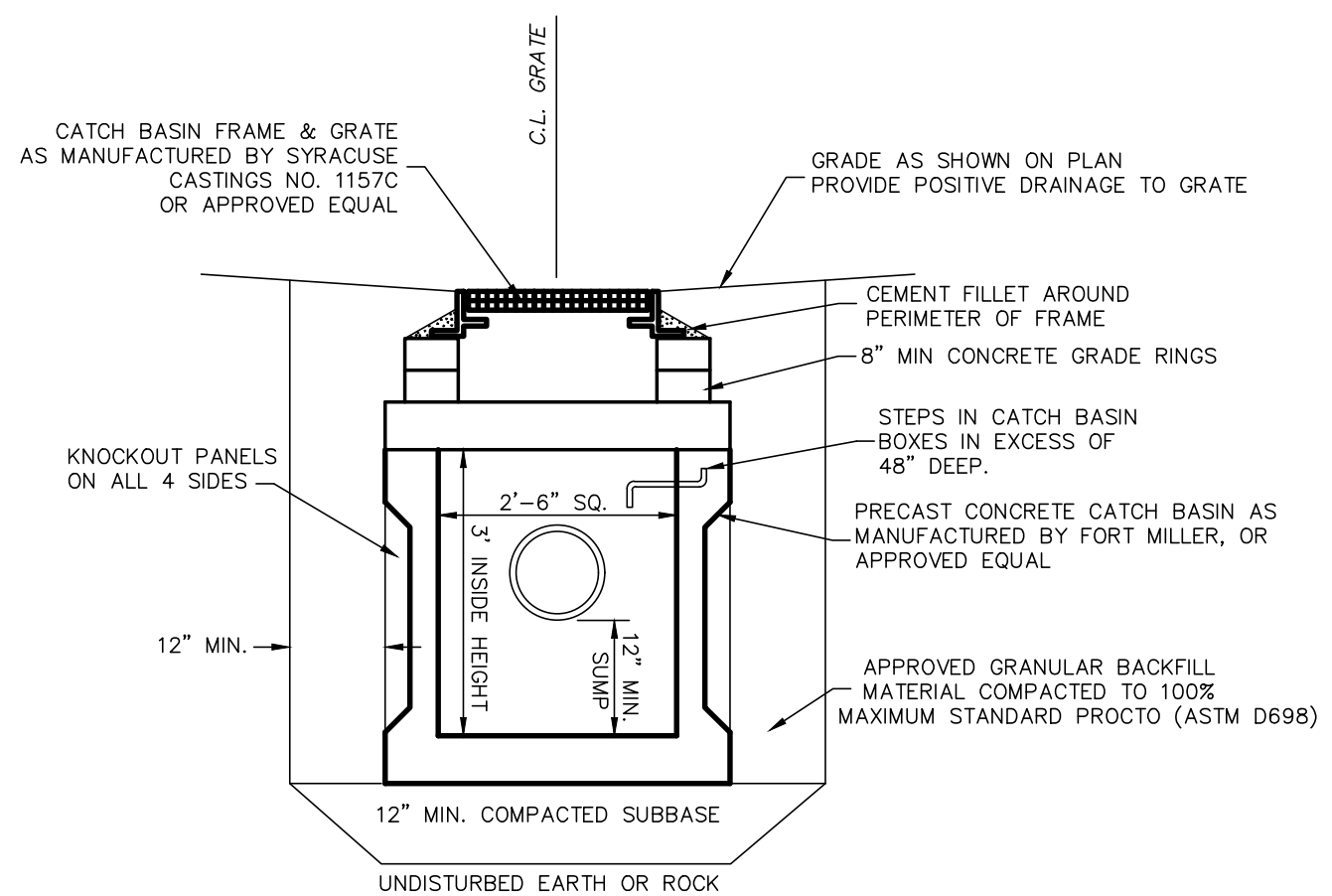
10/C8
RESTRICTOR PLATE DETAIL



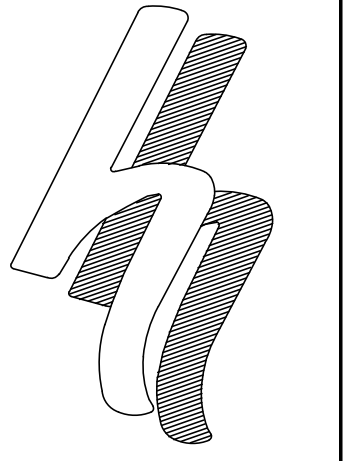
11/C8
IN LINE CLEANOUT DETAIL



12/C8
STORMWATER PLANTER DETAIL

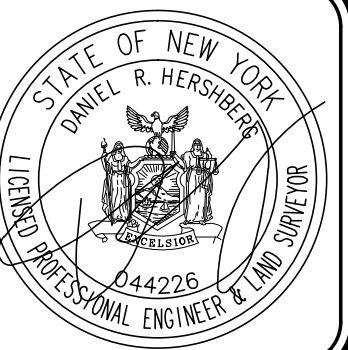


13/C8
CATCH BASIN #1 DETAIL



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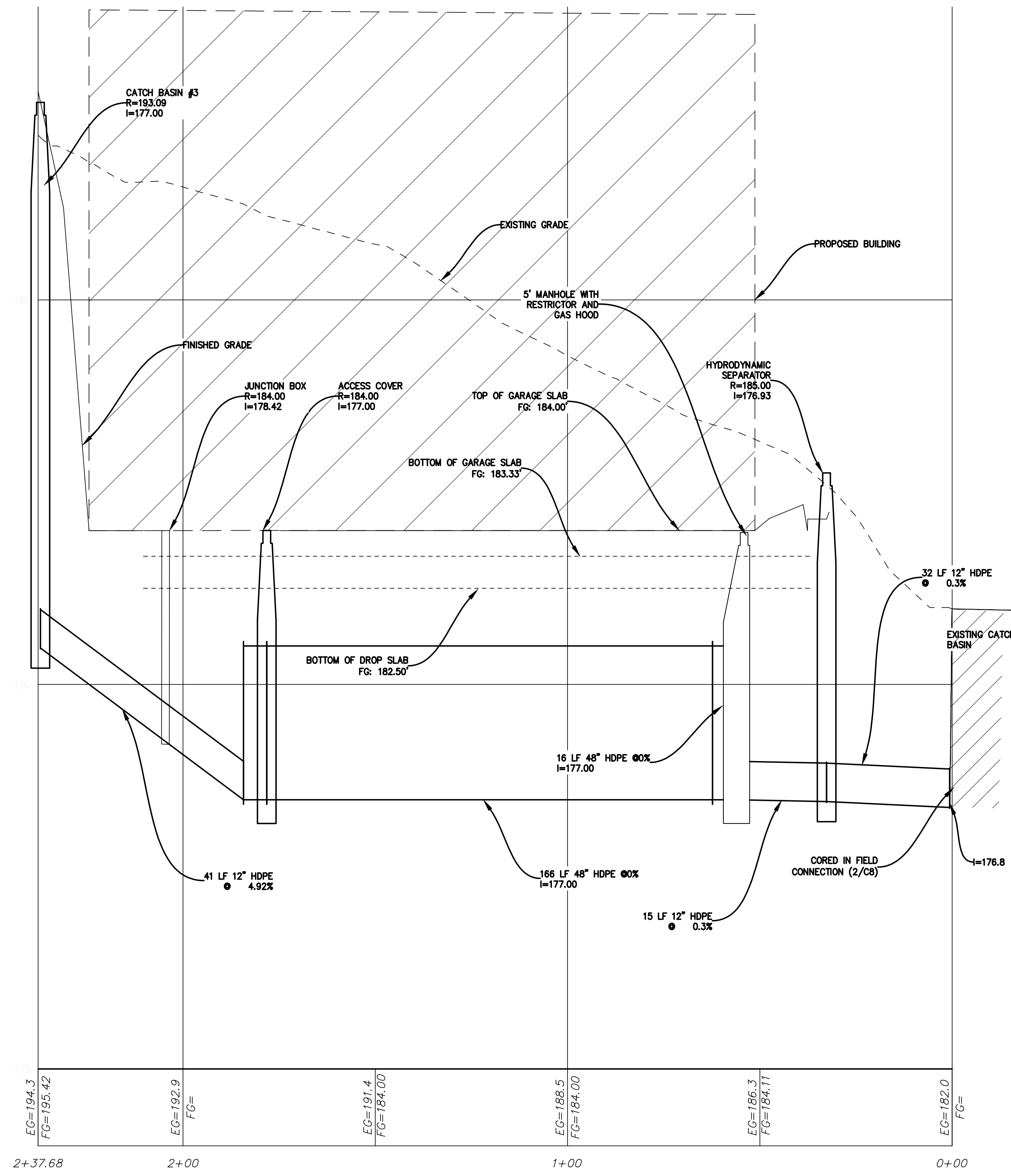
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DATE	REVISIONS
03/17/21	GENERAL UPDATES
05/17/21	GENERAL UPDATES
05/26/21	GENERAL UPDATES
07/09/21	GENERAL UPDATES
07/21/21	GENERAL UPDATES

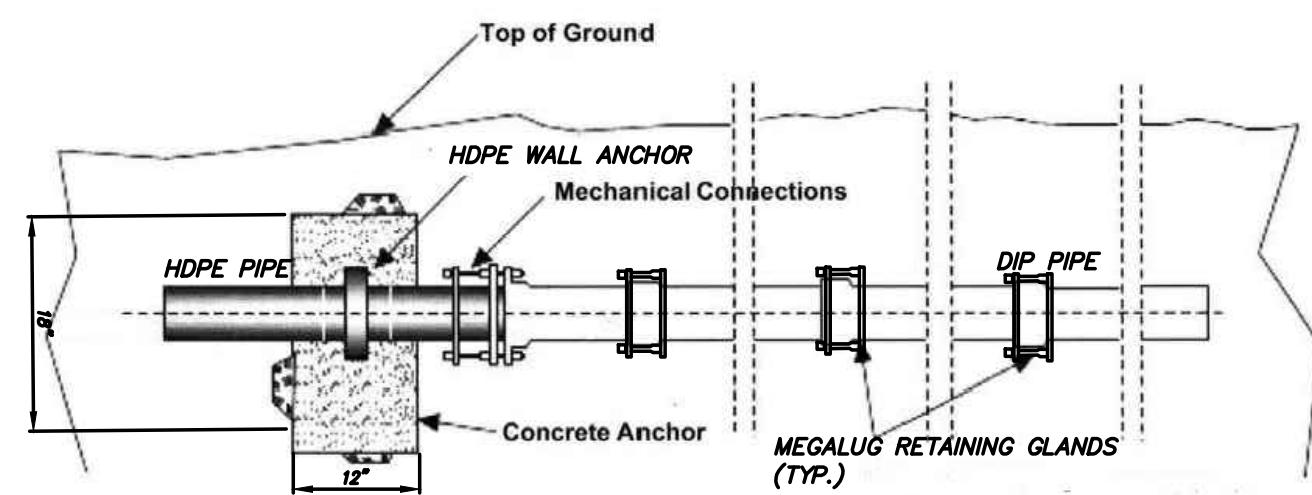
UTILITY DETAILS
25 DELAWARE AVENUE
ALBANY, NY

FILE: 180244
SCALE: NA
BY: TMO
CHK: DPH
DATE: 11/10/2020
180244-LDWG

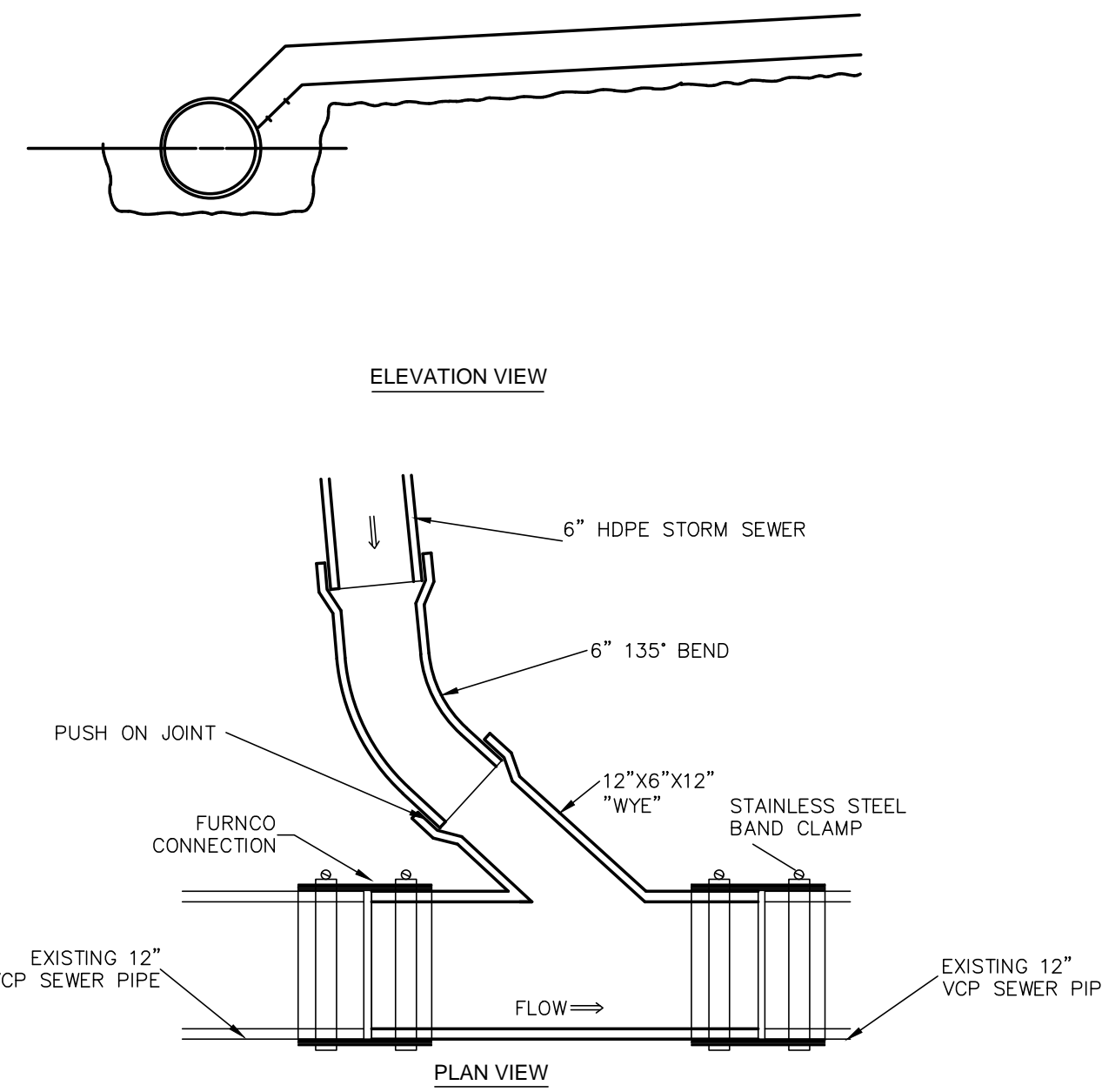


STORM WATER PROFILE

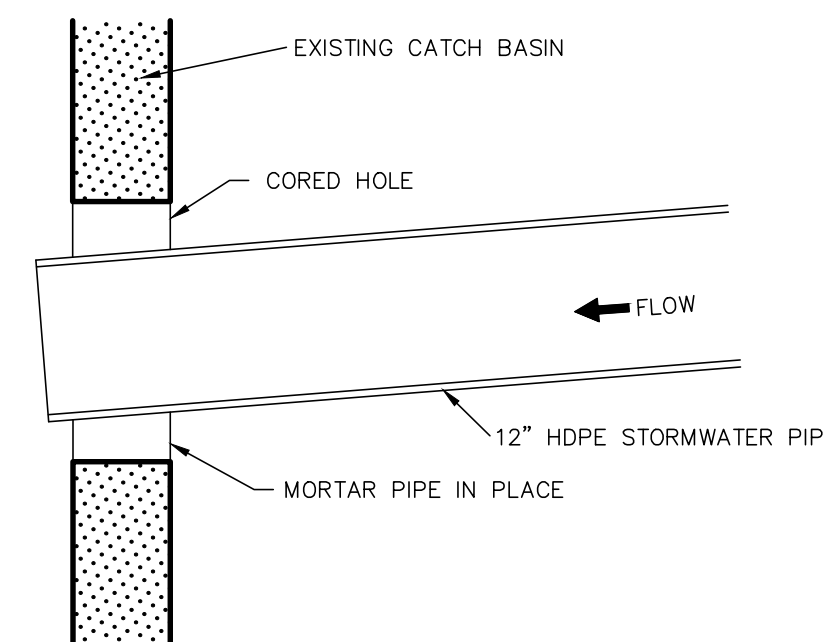
SCALE: 1"=2' (H) 1"=20' (V)



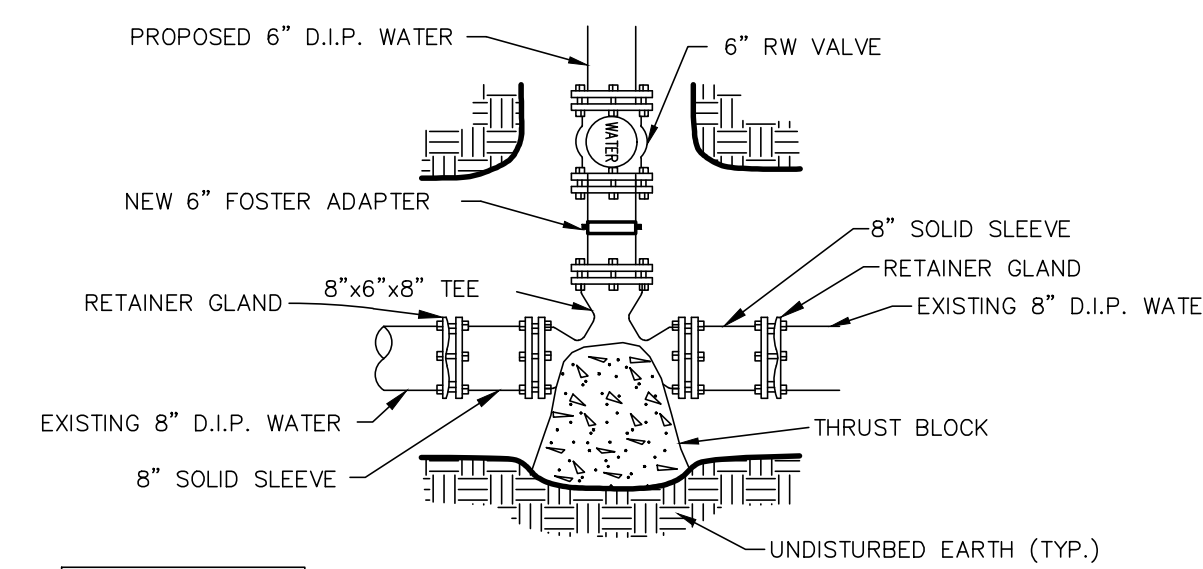
5/C9 PIPE TRANSITION DETAIL FROM HDPE TO DIP
NOT TO SCALE



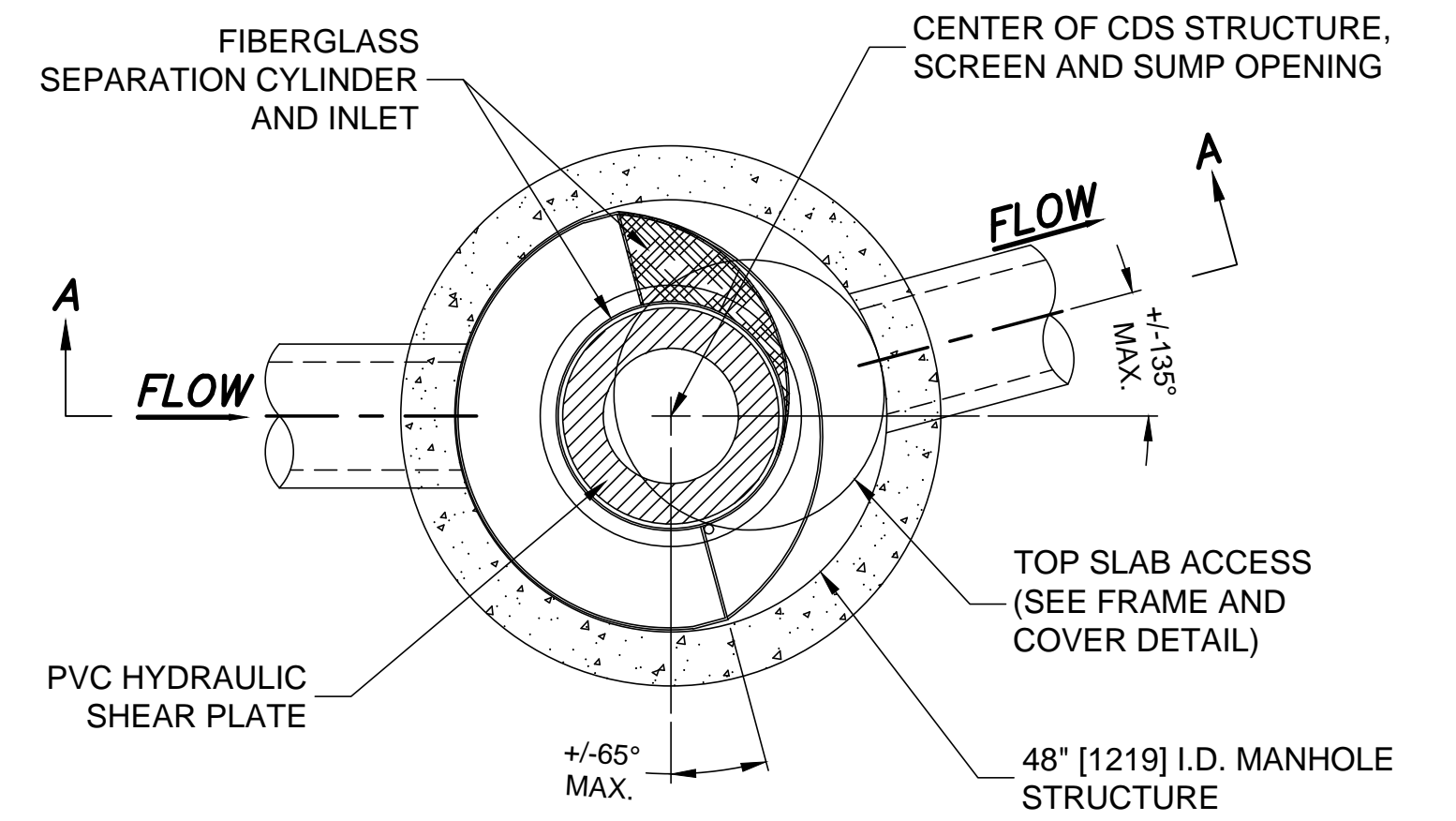
1/C9 WYE CONNECTION DETAIL
NOT TO SCALE



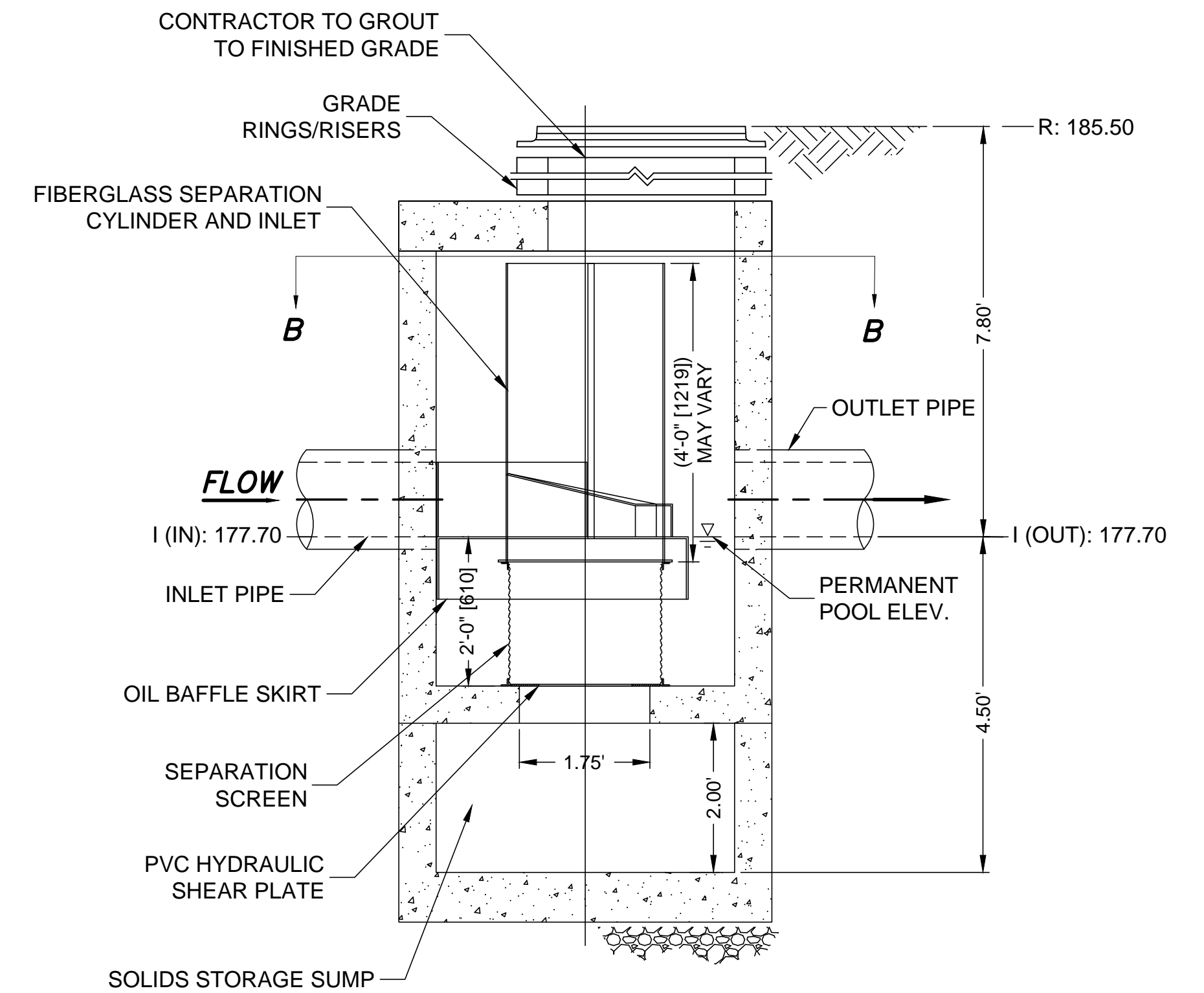
2/C9 CORED IN FIELD CONNECTION
NOT TO SCALE



3/C9 CUT IN TEE DETAIL
NOT TO SCALE



PLAN VIEW B-B
N.T.S.



ELEVATION A-A
N.T.S.

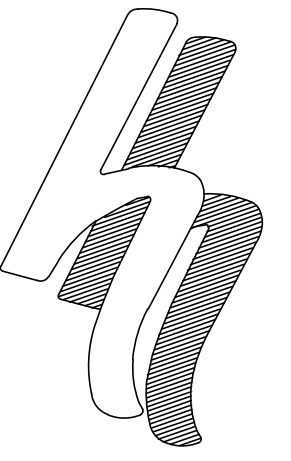
GENERAL NOTES

- CONTECH TO PROVIDE ALL MATERIALS UNLESS NOTED OTHERWISE.
- DIMENSIONS MARKED WITH () ARE REFERENCE DIMENSIONS. ACTUAL DIMENSIONS MAY VARY.
- FOR FABRICATION DRAWINGS WITH DETAILED STRUCTURE DIMENSIONS AND WEIGHTS, PLEASE CONTACT YOUR CONTECH ENGINEERED SOLUTIONS LLC REPRESENTATIVE. www.ContechES.com
- CDS WATER QUALITY STRUCTURE SHALL BE IN ACCORDANCE WITH ALL DESIGN DATA AND INFORMATION CONTAINED IN THIS DRAWING.
- STRUCTURE SHALL MEET AASHTO HS20 LOAD RATING, ASSUMING GROUNDWATER ELEVATION AT, OR BELOW, THE OUTLET PIPE INVERT ELEVATION. ENGINEER OF RECORD TO CONFIRM ACTUAL GROUNDWATER ELEVATION. CASTINGS SHALL MEET HS20 (AASHTO M 306) AND BE CAST WITH THE CONTECH LOGO.
- IF REQUIRED, PVC HYDRAULIC SHEAR PLATE IS PLACED ON SHELF AT BOTTOM OF SCREEN CYLINDER. REMOVE AND REPLACE AS NECESSARY DURING MAINTENANCE CLEANING.

INSTALLATION NOTES

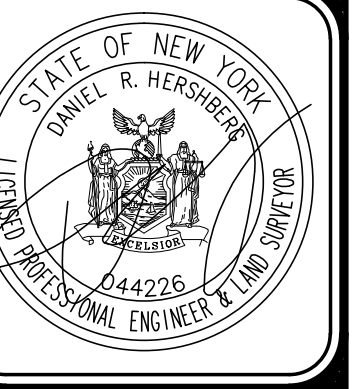
- ANY SUB-BASE, BACKFILL DEPTH, AND/OR ANTI-FLOTATION PROVISIONS ARE SITE-SPECIFIC DESIGN CONSIDERATIONS AND SHALL BE SPECIFIED BY ENGINEER OF RECORD.
- CONTRACTOR TO PROVIDE EQUIPMENT WITH SUFFICIENT LIFTING AND REACH CAPACITY TO LIFT AND SET THE CDS MANHOLE STRUCTURE (LIFTING CLUTCHES PROVIDED).
- CONTRACTOR TO ADD JOINT SEALANT BETWEEN ALL STRUCTURE SECTIONS, AND ASSEMBLE STRUCTURE.
- CONTRACTOR TO PROVIDE, INSTALL, AND GROUT PIPES. MATCH PIPE INVERTS WITH ELEVATIONS SHOWN.
- CONTRACTOR TO TAKE APPROPRIATE MEASURES TO ASSURE UNIT IS WATER TIGHT, HOLDING WATER TO FLOWLINE INVERT MINIMUM. IT IS SUGGESTED THAT ALL JOINTS BELOW PIPE INVERTS ARE GROUTED.

4/C9 HYDRODYNAMIC SEPARATOR DETAIL
NOT TO SCALE



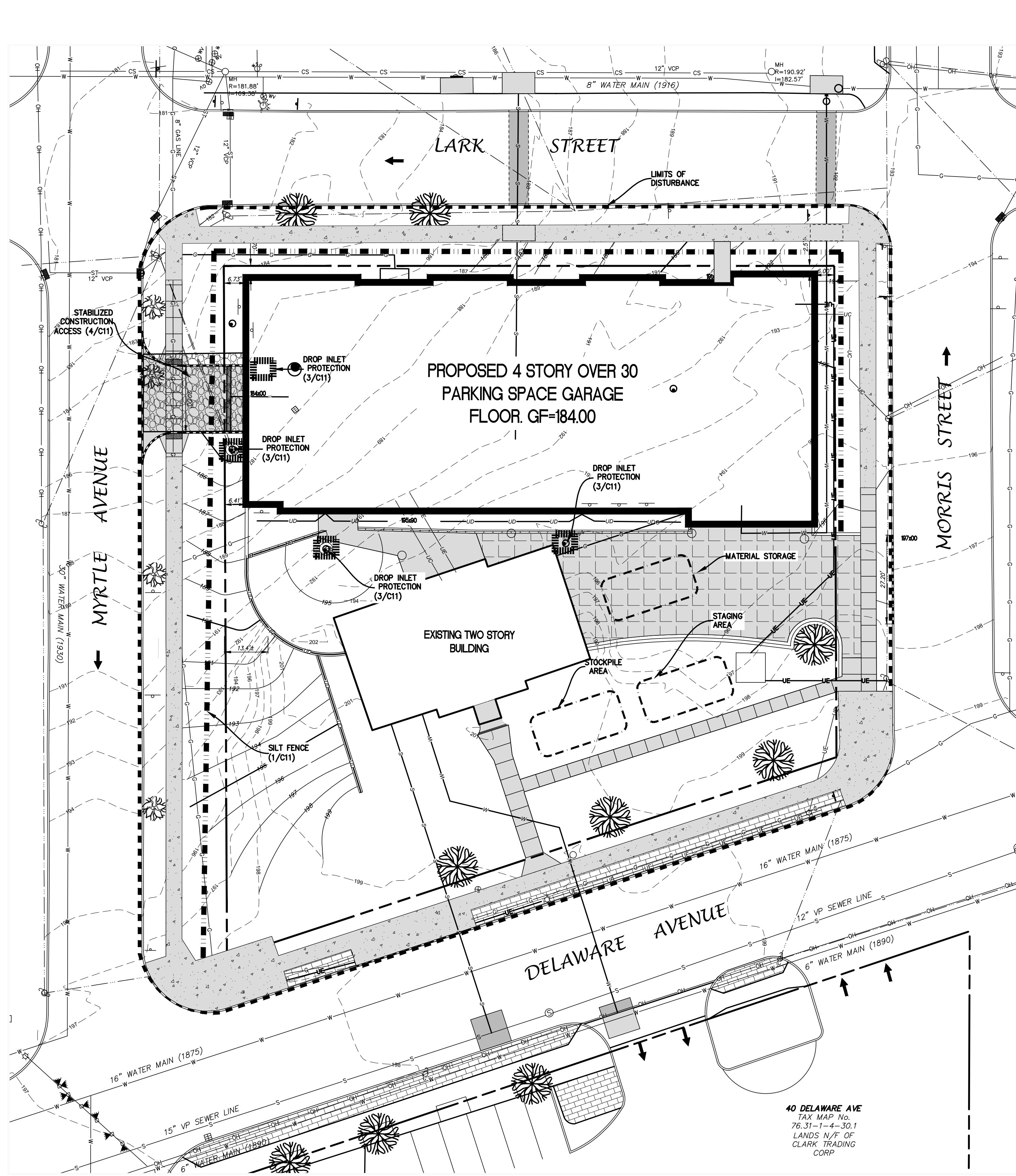
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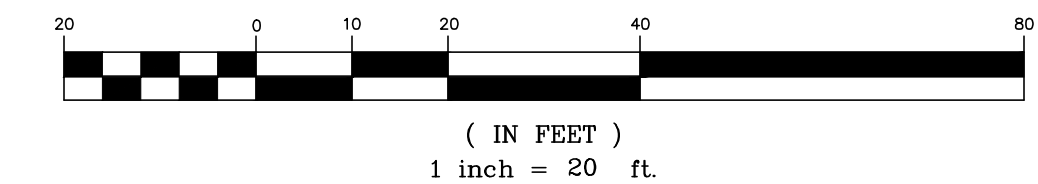
DATE	REVISIONS
02/17/21	GENERAL UPDATES
05/11/21	GENERAL UPDATES
07/09/21	GENERAL UPDATES
10/21/21	GENERAL UPDATES

UTILITY DETAILS AND PROFILE FOR
25 DELAWARE AVENUE
ALBANY, NY



40 DELAWARE AVE
TAX MAP No.
76.31-1-4-30.1
LANDS N/F OF
CLARK TRADING
CORP

GRAPHIC SCALE



ESC LEGEND

- SILT FENCE
- LIMITS OF DISTURBANCE
- 201 --- TEMPORARY SEDIMENT CONTROL TRAP CONTOURS
- TEMPORARY PERIMETER SWALE
- DROP INLET PROTECTION
- FUELING AREA
- STOCKPILE, STAGING, AND MATERIAL STORAGE AREA

PROPOSED

- WV --- EXISTING WATER VALVE
- EXISTING POLE WITH LIGHT
- EXISTING UTILITY POLE
- EXISTING SIGN
- W --- EXISTING WATER MAIN
- S --- EXISTING SANITARY SEWER MAIN
- ST --- EXISTING STORM SEWER MAIN
- CB OR CB --- EXISTING CATCH BASIN
- OH --- EXISTING MANHOLE
- WATER SHUT OFF
- X --- FENCE LINE
- EXISTING PAVEMENT
- 199 --- EXISTING CONTOURS
- 200 --- EXISTING CONTOURS
- 201 --- PROPOSED CONTOURS
- W --- PROPOSED WATER MAIN
- PROPOSED HYDRANT
- S --- PROPOSED SEWER MAIN
- ST --- PROPOSED STORM SEWER
- CB OR CB --- PROPOSED CATCH BASIN
- OH --- PROPOSED MANHOLE
- PROPOSED SIDEWALK AND HANDICAPPED RAMP
- DETECTABLE SURFACE
- HANDICAPPED PARKING
- PROPOSED BUILDING
- PROPOSED CURB
- ADA RAMP
- DETAIL/SHEET NUMBER

WINTER CONDITIONS ITEMS TO BE ADDRESSED

- Identify areas within the site to store snow which is tributary to the temporary perimeter swale. As work progresses this area may move but positive drainage tributary to the temporary perimeter swale must be maintained.
- Widen stabilized construction access points to a minimum of 28 feet. Where pavement forms a portion of that route, maintain 50 feet of stone pavement meeting the detail as shown on the SWPPP plan. Stockpile a minimum of 25 cubic yard of stone for the purposes of establishing stone access point after snow storms.
- Where any areas at the street grade or within two feet of the street grade remain disturbed overnight, stabilize those areas using 6" of broken stone.
- Where equipment or vehicles are traversing the bottom of the excavation, establish paths using 6" of broken stone.
- At any point on the perimeter where drainage from accumulated snow or ice will drain away from the site protect these areas with fiber rolls or polyethylene coated check dam materials (Filtrexx, Erosion eel or equal).
- If work is to cease for more than 3 days, stabilize all disturbed soils.

TEMPORARY EROSION AND SEDIMENT CONTROL NOTES

- EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED IN ACCORDANCE WITH THE JULY 2016 "NEW YORK STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL." (see: THE BLUE BOOK) EROSION CONTROL DEVICES SHALL BE INSTALLED PRIOR TO ANY CONSTRUCTION ACTIVITIES.
- IT IS THE INTENT OF THESE PLANS AND NOTES TO BE USED AS A GUIDE BY THE CONTRACTOR TO ENSURE THAT NO ERODED MATERIAL MIGRATES FROM THE SITE OR ENTERS ANY WATER COURSE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT THIS GOAL IS MET. BY IMPLEMENTING THESE PLANS AND ANY ADDITIONAL MEANS THAT MAY BE NECESSARY. FURTHER MEASURES MAY BE REQUIRED BY THE CITY, VILLAGE, OR TOWN ENGINEER. WHILE MANY OF THE EROSION CONTROL DETAILS CONTAINED WITHIN THESE PLANS ARE TAKEN DIRECTLY FROM THE BLUE BOOK, THE CONTRACTOR SHOULD CONSIDER ANY OF THE DETAILS CONTAINED IN THE JULY 2016 NEW YORK STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL AS ACCEPTABLE PRACTICE IN THE APPROPRIATE APPLICATION.
- THE DEVELOPER/CONTRACTOR OR HIS BUILDER SHALL INSPECT AND MAINTAIN EROSION CONTROL MEASURES WEEKLY AND AFTER EACH RAINFALL EVENT THROUGHOUT THE ENTIRE DEVELOPMENT PROCESS. TO ASSURE PROPER FUNCTION, SILTATION BARRIERS SHALL BE MAINTAINED IN GOOD CONDITION AND REINFORCED, EXTENDED, REPAIRED, RE-SEEDED AND PROTECTED FROM FURTHER EROSION. ALL SEDIMENT ACCUMULATED SHALL BE REMOVED AND CONTAINED IN APPROPRIATE SPILL AREAS. WATER SHALL BE APPLIED TO NEWLY SEEDDED AREAS AS NEEDED UNTIL GRASS COVER IS WELL ESTABLISHED. DURING THESE PERIODIC INSPECTIONS, THE FOLLOWING ITEMS SHOULD BE PAID PARTICULAR ATTENTION:
 - THE BASIN INLET LOCATIONS SHALL BE INSPECTED FOR SILT ACCUMULATION CAUSED BY THE LACK OF ESTABLISHED SURROUNDING VEGETATION.
 - CATCH BASINS SHALL BE CHECKED FOR SEDIMENT ACCUMULATION.
 - SILT FENCING SHALL BE INSPECTED REGULARLY FOR UNDERMINING AND DETERIORATION.
 - SEEDDED/MULCHED AREAS SHALL BE INSPECTED REGULARLY TO SEE THAT A GOOD STAND IS MAINTAINED. AREAS SHALL BE REPAIRED AS NECESSARY.
- EROSION CONTROL DEVICES SHALL NOT BE REMOVED UNTIL THE ENGINEER HAS APPROVED FINAL STABILIZATION.
- SILT FENCE SHALL BE INSTALLED IN ACCORDANCE WITH PLAN AND DETAIL LOCATIONS AND AS DESCRIBED IN THE NEW YORK STATE EROSION AND SEDIMENT CONTROL MANUAL DATED JULY 2016.
- PRIOR TO CONSTRUCTION OF ANY PHASE, THE STABILIZED CONSTRUCTION ACCESS SHALL BE INSTALLED.
- CONSTRUCTION TRAFFIC SHALL NOT CROSS STREAMS OR DITCHES EXCEPT AT SUITABLE CROSSING FACILITIES. EQUIPMENT SHALL NOT OPERATE, UNNECESSARILY.
- EXISTING PAVEMENT AREAS SHALL BE CLEANED AT THE DIRECTION OF THE ENGINEER.
- WATER TRUCKS SHALL BE USED TO MINIMIZE DUST POLLUTION ON SITE, AND ON ADJACENT ROADWAYS/ROADWAY AREAS AS DIRECTED BY THE ENGINEER.
- ANY WATER PUMPED AS A RESULT OF DEWATERING ACTIVITIES SHALL BE PUMPED INTO A Dewatering PIT.
- CONCRETE WASHOUT AREAS SHALL BE DESIGNATED BY THE DESIGN ENGINEER AND PROTECTED IN ACCORDANCE WITH THE NEW YORK STATE EROSION AND SEDIMENT CONTROL MANUAL DATED JULY 2016.
- ALL AREAS DISTURBED IN THE CONSTRUCTION PROCESS SHALL BE RE-SEEDDED AS SOON AS PRACTICABLE. PARTICULAR CARE SHALL BE TAKEN TO RE-SEED DISTURBED SLOPES IN A TIMELY MANNER.
- IT IS RECOMMENDED THAT ALL EROSION CONTROL DEVICES BE PLACED FOR THE ENTIRE PHASE AS SHOWN ON THE EROSION CONTROL PLAN. PLACEMENT MAY BE DONE, HOWEVER, TO SUIT CONSTRUCTION SEQUENCING AS APPROVED BY THE ENGINEER.
- STOCK PILES SHALL BE PROTECTED BY A SEDIMENT CONTROL FENCE OR TEMPORARY SEDIMENT CONTROL TRENCH PER THE NEW YORK STATE EROSION AND SEDIMENT CONTROL MANUAL DATED JULY 2016. THESE FENCES/TRENCHES SHALL BE MAINTAINED IN GOOD CONDITION UNTIL SAID STOCK PILES ARE REMOVED AND STOCK PILING AREAS ARE PERMANENTLY STABILIZED.
- STOCK PILES SHALL BE SEEDDED UPON SUSPENSION OF WORK OR IF MATERIAL IS NOT TO BE USED WITHIN 14 DAYS IN ACCORDANCE WITH THE NEW YORK STATE EROSION AND SEDIMENT CONTROL MANUAL DATED JULY 2016.
- IN NO CASE SHALL ERODIBLE MATERIALS BE STOCKPILED WITHIN 25 FEET OF ANY DITCH, STREAM OR OTHER SURFACE WATER BODY.

EROSION AND SEDIMENT CONTROL NOTES

- ANY CONTRACTOR INVOLVED IN EARTHWORK ACTIVITIES, INCLUDING BUT NOT LIMITED TO: CLEARING, GRADING AND TRENCHING, SHALL REVIEW ALL PERMIT CONDITIONS AND CERTIFY UNDERSTANDING OF THESE CONDITIONS. IN WRITING, IT IS THE CONTRACTOR'S RESPONSIBILITY TO IMPLEMENT ALL EROSION CONTROLS DESCRIBED IN 09-01-00-01, AND IT IS NOT THE INTENT OF THESE DRAWINGS TO REPLACE OR DISSEMINATE THE PERMIT REQUIREMENTS. THE CONTRACTOR SHALL REMAIN IN COMPLIANCE WITH THE PERMIT AT ALL TIMES.
 - AT ALL TIMES SOIL DISTURBING ACTIVITIES SHALL REMAIN LESS THAN 1 ACRE. THE CONTRACTOR SHALL COORDINATE EARTHWORK ACTIVITIES AND IMPLEMENTATION OF SOIL STABILIZATION MEASURES TO ENSURE COMPLIANCE TO THIS PERMIT REQUIREMENT. THE SITE WILL BE MONITORED AT ALL TIMES TO ENSURE SOIL DISTURBANCE DOES NOT EXCEED 1 ACRE. IF THE SOIL DISTURBANCE EXCEEDS ONE ACRE AT ANY TIME, A STOP WORK ORDER WILL BE ISSUED UNTIL THE SITE RECEIVES COVERAGE UNDER SPDES GENERAL PERMIT FOR CONSTRUCTION ACTIVITY.
 - THE CONTRACTOR SHALL MAINTAIN A CLEAN CONSTRUCTION AND EQUIPMENT ENTRANCE WHENEVER PRACTICABLE.
 - DISTURBED AREAS SHALL BE STABILIZED WITHIN 14 DAYS OF COMPLETION OR SUSPENSION OF GRADING OPERATIONS.
 - INSTALL TEMPORARY & PERMANENT SEEDING IN ACCORDANCE WITH THE NEW YORK GUIDELINES FOR URBAN EROSION AND SEDIMENT CONTROL STANDARD AND SPECIFICATION FOR TEMPORARY CONSTRUCTION AREA SEEDING AND FOR MULCHING.

STANDARD AND SPECIFICATIONS FOR TEMPORARY CONSTRUCTION AREA PLANTINGS, PAGE 4.56:
WATER MANAGEMENT PRACTICES MUST BE INSTALLED AS APPROPRIATE FOR SITE CONDITIONS. THE AREA MUST BE ROUGH GRADED AND SLOPES PHYSICALLY STABLE. LARGE BERMS AND ROCKS ARE USUALLY REMOVED. SEEDING MUST BE SEEDDED WITHIN 24 HOURS OF DISTURBANCE OR SCARPIFICATION OF THE SOIL SURFACE WILL BE NECESSARY PRIOR TO SEEDING.

FERTILIZER OR LIME ARE NOT TYPICALLY USED FOR TEMPORARY SEEDINGS.

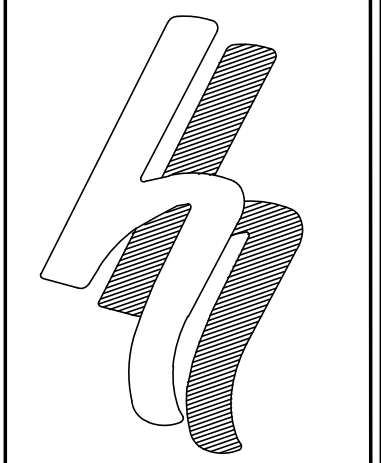
IF: SPRING OR SUMMER OR EARLY FALL, THEN SEED THE AREA WITH RYEGRASS (ANNUAL OR PERENNIAL) AT 30 LBS. PER ACRE. (APPROXIMATELY 0.7 LB./1000 SQ. FT. OR USE 1 LB./1000 SQ. FT.)

IF: LATE FALL OR EARLY WINTER, THEN SEED CERTIFIED "AROSTOOK" WINTER RYE (CEREAL RYE) AT 1000 LBS. PER ACRE (2.5 LBS./1000 SQ. FT.)

ANY SEEDING METHOD MAY BE USED THAT WILL PROVIDE UNIFORM APPLICATION OF SEED TO THE AREA AND RESULT IN RELATIVELY GOOD SOIL TO SEED CONTACT.

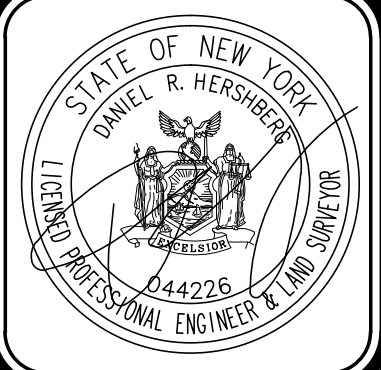
MULCH THE AREA WITH HAY OR STRAW AT 2 TONS/ACRE (APPROX. 90 LBS./1000 SQ. FT. OR 2 BALES). QUALITY OF HAY OR STRAW MULCH ALLOWABLE WILL BE DETERMINED BASED ON LONG TERM USE AND VISUAL CONCERNS. MULCH ANCHORING WILL BE REQUIRED WHERE WIND OR AREAS OF CONCENTRATED WATER ARE OF CONCERN. WOOD FIBER HYDROMULCH OR OTHER SPRAYABLE PRODUCTS APPROVED FOR EROSION CONTROL (NYLON WEB OR MESH) MAY BE USED IF APPLIED ACCORDING TO MANUFACTURER'S SPECIFICATIONS. CAUTION IS ADVISED WHEN USING NYLON OR OTHER SYNTHETIC PRODUCTS. THEY MAY BE DIFFICULT TO REMOVE PRIOR TO FINAL SEEDING AND CAN BE A HAZARD TO YOUNG WILDLIFE SPECIES.

MULCH ANCHORING GUIDE - TABLE 4.3, PAGE 4.41:
- | TABLE 4.3
MULCH ANCHORING GUIDE | | |
|------------------------------------|------------------------------|---|
| ANCHORING METHOD OR MATERIAL | KIND OF MULCH TO BE ANCHORED | HOW TO APPLY |
| PEG AND TWINE | HAY OR STRAW | AFTER MULCHING, DIVIDE AREAS INTO BLOCKS APPROXIMATELY 1 SQ. YD. IN SIZE. DRIVE 4-6 PEGS PER BLOCK TO WITHIN 2" TO 3" OF SOIL SURFACE. SECURE MULCH TO SURFACE BY STRETCHING TWINE BETWEEN PEGS IN CROSS-CROSS PATTERN ON SECURE TWINE AROUND EACH PEG WITH 2 OR MORE TIGHT TURNS. DRIVE PEGS FLUSH WITH SOIL. DRIVING STAKES INTO GROUND TIGHTENS THE TWINE. |
| MULCH NETTING | HAY OR STRAW | STAPLE THE LIGHT-WEIGHT PAPER, JUTE, WOOD FIBER, OR PLASTIC NETTINGS TO SOIL SURFACE ACCORDING TO MANUFACTURER'S RECOMMENDATIONS. SHOULD BE BIODEGRADABLE. MOST PRODUCTS ARE NOT SUITABLE FOR FOOT TRAFFIC. |
| WOOD CELLULOSE FIBER | HAY OR STRAW | APPLY WITH HYDROSEEDER IMMEDIATELY AFTER MULCHING. USE 500 LBS. WOOD FIBER PER ACRE. SOME PRODUCTS CONTAIN AN ADHESIVE MATERIAL ("TACKIFIER"), POSSIBLY ADVANTAGEOUS. |
| MULCH ANCHORING TOOL | HAY OR STRAW | APPLY MULCH AND PULL A MULCH ANCHORING TOOL (BLUNT, STRAIGHT DISCS) OVER MULCH AS NEAR TO THE CONTOUR AS POSSIBLE. MULCH MATERIAL SHOULD BE "TUCKED" INTO SOIL SURFACE ABOUT 3" |
| TACKIFIER | HAY OR STRAW | MIX AND APPLY POLYMERIC AND GUM TACKIFIERS ACCORDING TO MANUFACTURER'S INSTRUCTIONS. AVOID APPLICATION DURING RAIN. A 24-HOUR CURING PERIOD AND A SOIL TEMPERATURE HIGHER THAN 45° FAHRENHEIT ARE REQUIRED. |
- INSTALL PERMANENT RIP-RAP AT ALL PIPE END SECTIONS AT TIME OF INSTALLATION OF PIPE.
 - SEE REMAINDER OF PLANS FOR PERMANENT IMPROVEMENTS. PERMANENT IMPROVEMENTS SHOWN ON THIS PLAN ARE FOR REFERENCE ONLY.
 - PAVED AREAS ARE TO BE SWEEP DAILY TO REMOVE ANY SEDIMENT AND ALL NEWLY PAVED AREAS SHALL BE DIRECTED TO THE TEMPORARY OR FINAL SEDIMENT CONTROL BASIN.



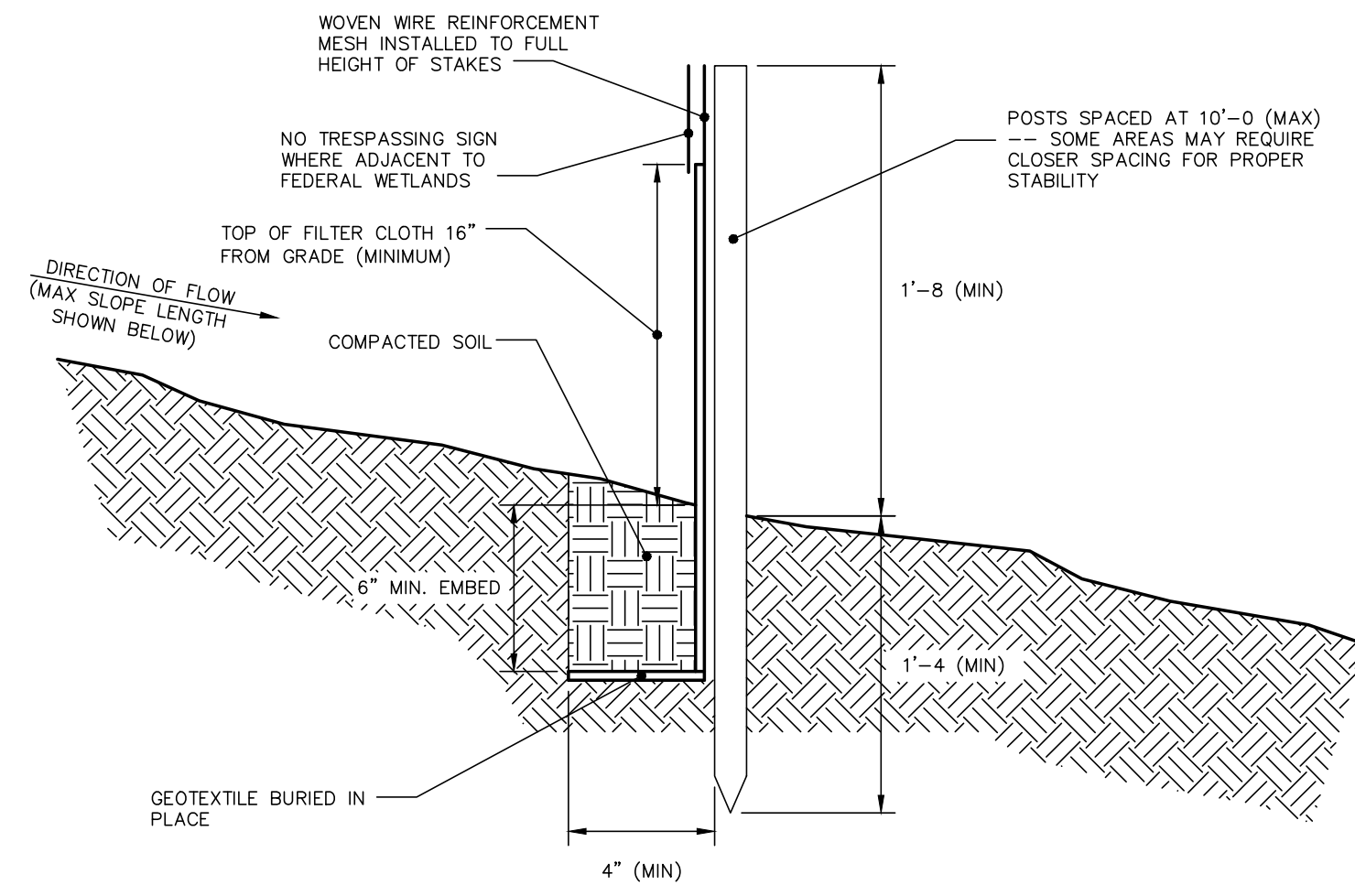
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Consulting Engineers and Land Surveyors
18 Locust Street
Albany, New York 12203

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05/17/21	GENERAL UPDATES
05/26/21	GENERAL UPDATES
07/09/21	GENERAL UPDATES
07/23/21	GENERAL UPDATES

EROSION AND SEDIMENT CONTROL PLAN
 25 DELAWARE AVENUE
 ALBANY, NY
 SCALE: 1"=20'
 CHK: DRW
 DATE: 11/10/20
 180244-SDMG
 BY: TMO
 FILE: 180244



MAXIMUM ALLOWABLE SLOPE LENGTH

MAXIMUM ALLOWABLE SLOPE LENGTHS CONTRIBUTING RUNOFF TO A SECTION OF SILT FENCE SHALL BE AS FOLLOWS:

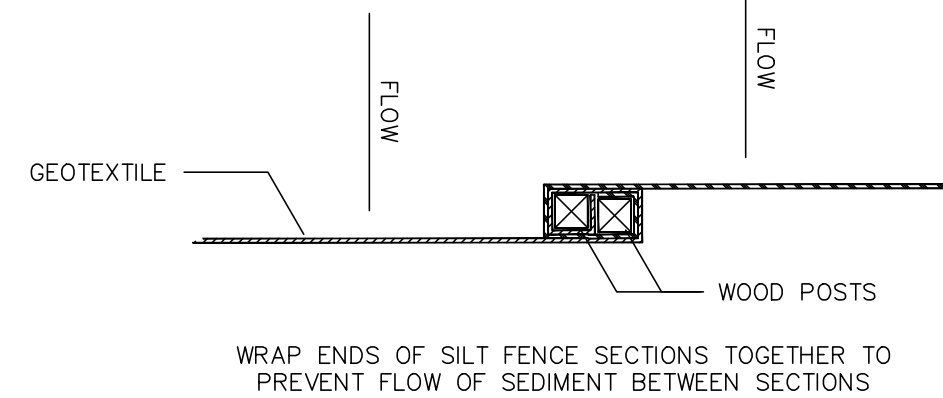
SLOPE STEEPNESS:	MAX. SLOPE LENGTH:
1:2	25 FT
1:3	50 FT
1:4	75 FT
1:5 OR FLATTER	100 FT

NOTE: MAXIMUM DRAINAGE AREA FOR OVERLAND FLOW TO SILT FENCE SECTION SHALL NOT EXCEED 1/4 ACRE PER 100 FT OF FENCE. CONCENTRATED DISCHARGE OF SEDIMENT LADEN WATER SHALL NOT BE ALLOWED TO FLOW DIRECTLY TO THE FENCING.

CONSTRUCTION NOTES FOR FABRICATED SILT FENCE

- INSTALL SILT FENCE IN ACCORDANCE WITH "THE NEW YORK STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL", SECTION 7A.
- WOVEN WIRE FENCE SHALL BE 12 1/2 GA., 6" MAXIMUM MESH OPENING, FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES.
- FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION.
- WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE WRAPPED TOGETHER PER SILT FENCE JOINT DETAIL ON THIS SHEET.
- MAINTENANCE SHALL BE PERFORMED AS NEEDED AND SEDIMENT REMOVED WHEN ACCUMULATION REACHES 1/2 OF DESIGN CAPACITY OF FENCE (1/2 HEIGHT OF FILTER FABRIC) OR WHEN "BULGES" DEVELOP IN FENCING.

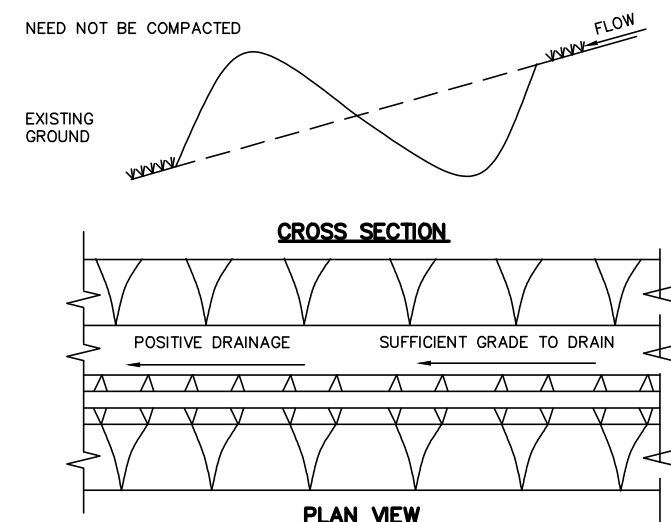
- POSTS: STEEL EITHER "T" OR "U" TYPE OR 2" HARDWOOD
- FENCE: WOVEN WIRE, 12 1/2 GA., 6" MAX. MESH OPENING
- FILTER CLOTH: FILTER X, MIRAFI 100X, STABILINKA T140N OR APPROVED EQUAL.
- PREFABRICATED UNIT: GEOFAB, ENVIROFENCE, OR APPROVED EQUAL.



SILT FENCE JOINT DETAIL



SILT FENCE DETAIL



DESIGN CRITERIA:

THE PERIMETER DIKE/SWALE SHALL NOT BE CONSTRUCTED OUTSIDE PROPERTY LINES OR SETBACKS WITHOUT OBTAINING LEGAL EASEMENTS FROM AFFECTED ADJACENT PROPERTY OWNERS. A DESIGN IS NOT REQUIRED FOR PERIMETER DIKE/SWALE. THE FOLLOWING CRITERIA SHALL BE USED:

CONSTRUCTION SPECIFICATIONS:

- ALL PERIMETER DIKE/SWALE SHALL HAVE UNINTERRUPTED POSITIVE GRADE TO AN OUTLET.
- DIVERTED RUNOFF FROM AN UNDISTURBED AREA SHALL BE CONVEYED TO A SEDIMENT TRAPPING DEVICE.
- DIVERTED RUNOFF FROM AN UNDISTURBED AREA SHALL OUTLET INTO AN UNDISTURBED STABILIZED AREA AT NON-EROSION VELOCITY.
- THE SWALE SHALL BE EXCAVATED OR SHAPED TO LINE GRADE, AND CROSS SECTION AS REQUIRED TO MEET THE CRITERIA SPECIFIED IN THE STANDARD.
- STABILIZATION OF THE AREA DISTURBED BY THE DIKE AND SWALE SHALL BE DONE IN ACCORDANCE WITH THE STANDARD AND SPECIFICATIONS FOR TEMPORARY SEEDING AND MULCHING, AND SHALL BE DONE WITHIN 10 DAYS.
- PERIODIC INSPECTION AND REQUIRED MAINTENANCE MUST BE PROVIDED AFTER EACH RAIN EVENT.

DRAINAGE AREA - LESS THAN 2 ACRES (FOR DRAINAGE AREAS LARGER THAN 2 ACRES BUT LESS THAN 10 ACRES, SEE EARTH DIKE OR CONSTRUCTION DITCH FOR DRAINAGE AREAS LARGER THAN 10 ACRES, SEE STANDARD AND SPECIFICATIONS FOR DIVERSION).

HEIGHT - 18 INCHES MINIMUM FROM BOTTOM OF SWALE TO TOP OF DIKE EVENLY DIVIDED BETWEEN DIKE HEIGHT AND SWALE DEPTH.

BOTTOM WIDTH OF DIKE - 2 FEET MINIMUM.

WIDTH OF SWALE - 2 FEET MINIMUM.

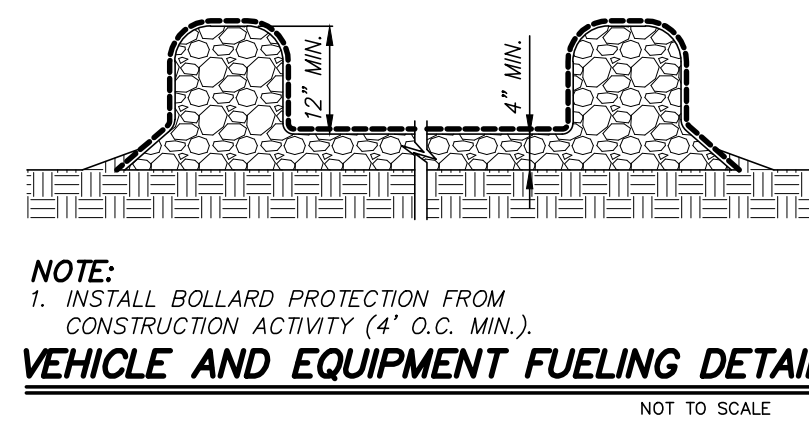
GRADE - DEPENDENT UPON TOPOGRAPHY, BUT SHALL HAVE POSITIVE DRAINAGE (SUFFICIENT GRADE TO DRAIN) TO AN ADEQUATE OUTLET. MAXIMUM ALLOWABLE GRADE NOT TO EXCEED 8 PERCENT.

STABILIZATION - THE DISTURBED AREA OF THE DIKE AND SWALE SHALL BE STABILIZED WITHIN 2 DAYS OF INSTALLATION FOR CONSTRUCTION DITCH (SEE PAGE 3-4).

5/C11

TEMPORARY PERIMETER DIKE OR SWALE DETAIL

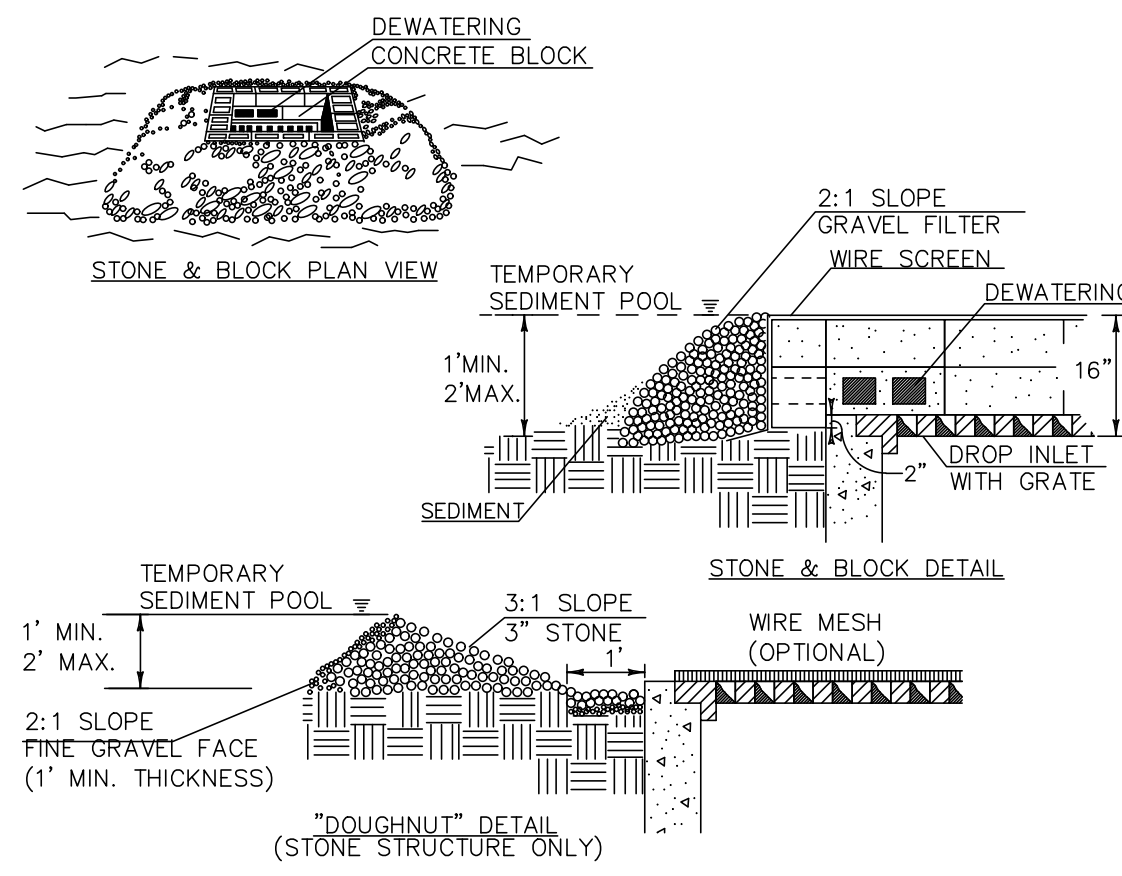
2/C11



NOTE:
1. INSTALL BOLLARD PROTECTION FROM CONSTRUCTION ACTIVITY (4' O.C. MIN.).
VEHICLE AND EQUIPMENT FUELING DETAIL

3/C11

STONE AND BLOCK DROP INLET PROTECTION DETAIL

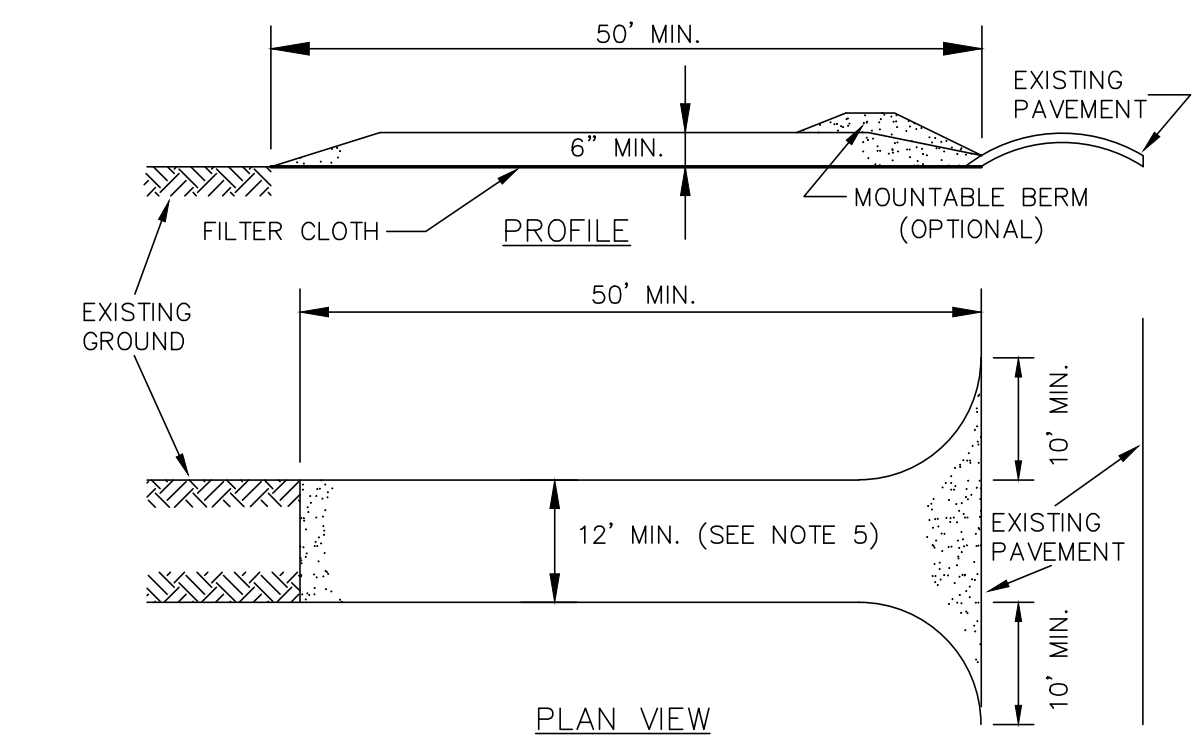


CONSTRUCTION SPECIFICATIONS

- LAY ONE BLOCK ON EACH SIDE OF THE STRUCTURE ON ITS SIDE FOR DEWATERING. FOUNDATION SHALL BE 2" MINIMUM BELOW REST OF INLET AND BLOCKS SHALL BE PLACED AGAINST INLET FOR SUPPORT.
- HARDWARE CLOTH OR 1/2" WIRE MESH SHALL BE PLACED OVER BLOCK OPENINGS TO SUPPORT STONE.
- USE CLEAN STONE OR GRAVEL 1/2" - 3/4" IN DIAMETER PLACED 2" BELOW TOP OF THE BLOCK ON A 2:1 SLOPE OR FLATTER.
- FOR STONE STRUCTURES ONLY, A 1" THICK LAYER OF THE FILTER STONE WILL BE PLACED AGAINST THE 3" STONE AS SHOWN ON THE DRAWINGS. MAXIMUM DRAINAGE AREA 1 ACRE.

4/C11

STABILIZED CONSTRUCTION ACCESS DETAIL



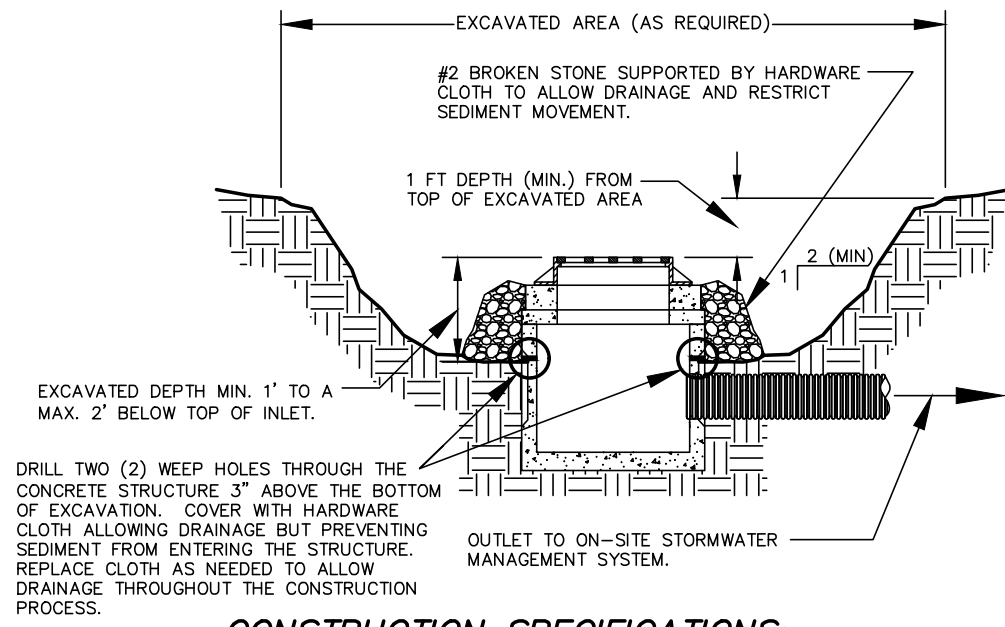
CONSTRUCTION SPECIFICATIONS:

- INSTALL CONSTRUCTION ACCESS IN ACCORDANCE WITH "NEW YORK STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL", SECTION 7A.
- STONE SIZE - USE 2" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
- LENGTH - NOT LESS THAN 50 FEET (EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30 FOOT MINIMUM LENGTH WOULD APPLY).
- THICKNESS - NOT LESS THAN (6) INCHES.
- WIDTH - TWELVE (12) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS. IF CONSTRUCTED AS THE ONLY ENTRANCE TO THE SITE, WIDTH SHALL BE TWENTY-FOUR (24) FEET.
- STABILIZATION FABRIC - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
- SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
- MAINTENANCE - THE ACCESS SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
- WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
- PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

DATE	REVISIONS
07/09/21	

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EXCAVATED DROP INLET PROTECTION



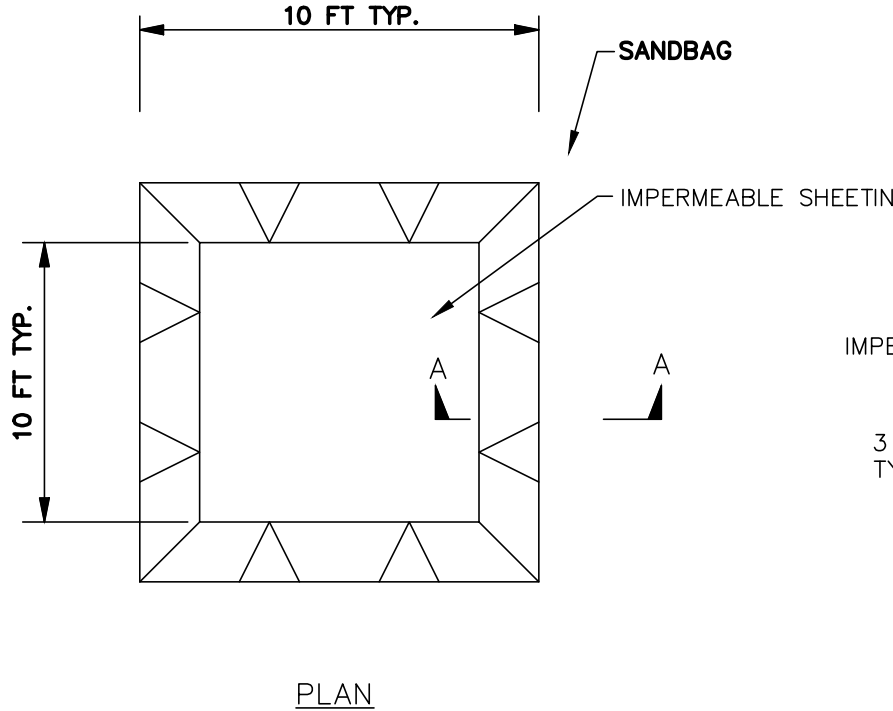
CONSTRUCTION SPECIFICATIONS:

- INSTALL PROTECTION IN ACCORDANCE WITH THE JULY 2016 "NEW YORK STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL".
- CLEAR THE AREA OF ALL DEBRIS THAT WILL HINDER EXCAVATION.
- GRADE APPROACH TO THE INLET UNIFORMLY AROUND THE BASIN.
- WEEP HOLES SHALL BE PROTECTED BY 2" STONE OR GRAVEL.
- UPON STABILIZATION OF CONTRIBUTING DRAINAGE AREA, SEAL WEEP HOLES, FILL EXCAVATION WITH STABLE SOIL TO FINAL GRADE, COMPACT IT PROPERLY AND STABILIZE WITH PERMANENT SEEDING.
- THE MAXIMUM DRAINAGE AREA SHALL BE 1 ACRE.

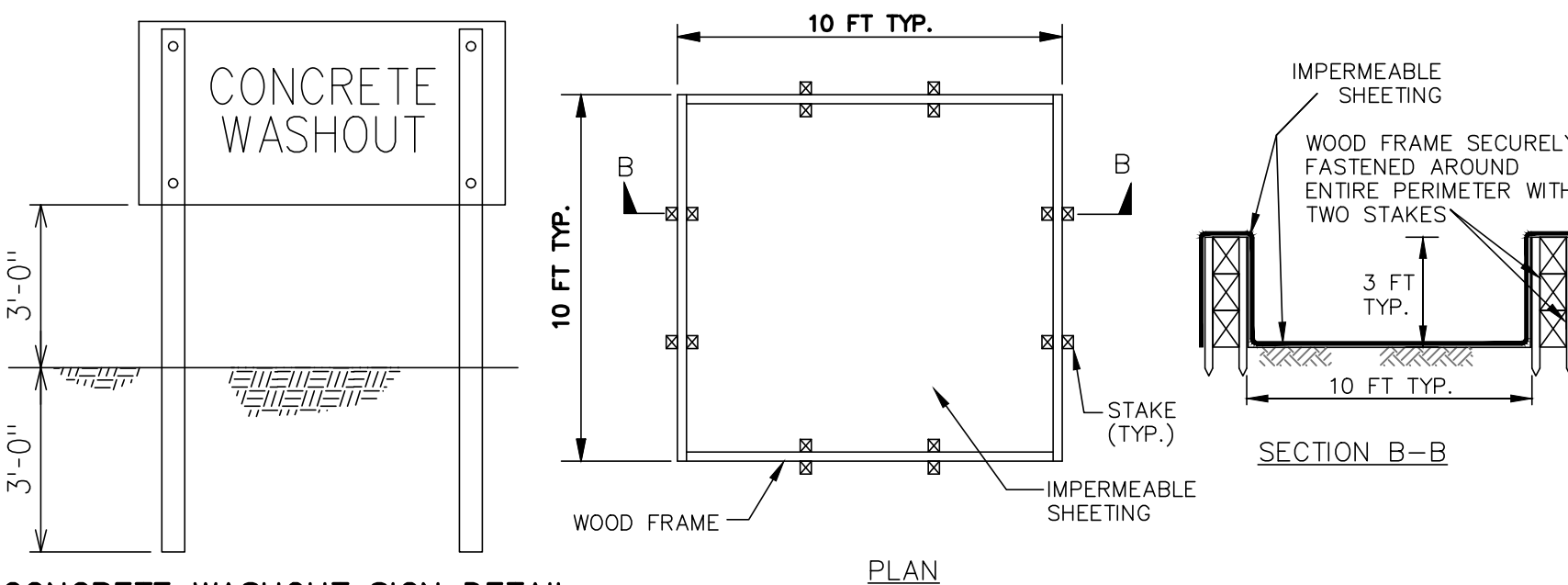
DESIGN CRITERIA:

LIMIT THE DRAINAGE AREA TO THE INLET DEVICE TO ONE (1) ACRE. EXCAVATED SIDE SLOPES SHALL BE NO STEEPER THAN 2:1. THE MINIMUM DEPTH SHALL BE 1 FOOT AND THE MAXIMUM DEPTH 2 FEET AS MEASURED FROM THE CREST OF THE INLET STRUCTURE. SHAPE THE EXCAVATED BASIN TO FIT CONDITIONS WITH THE LONGEST DIMENSION ORIENTATED TOWARD THE LONGEST INFLOW AREA TO PROVIDE MAXIMUM TRAP EFFICIENCY. THE CAPACITY OF THE EXCAVATED BASIN SHOULD BE ESTABLISHED TO CONTAIN 900 CUBIC FEET PER ACRE OF DISTURBED AREA. WEEP HOLES, PROTECTED BY FABRIC AND STONE, SHOULD BE PROVIDED FOR DRAINING THE TEMPORARY POOL.

INSPECT AND CLEAN THE EXCAVATED BASIN AFTER EVERY STORM. SEDIMENT SHOULD BE REMOVED WHEN 50 PERCENT OF THE STORAGE VOLUME IS ACHIEVED. THIS MATERIAL SHOULD BE INCORPORATED INTO THE SITE IN A STABILIZED MANNER.



EXCAVATED WASHOUT STRUCTURE

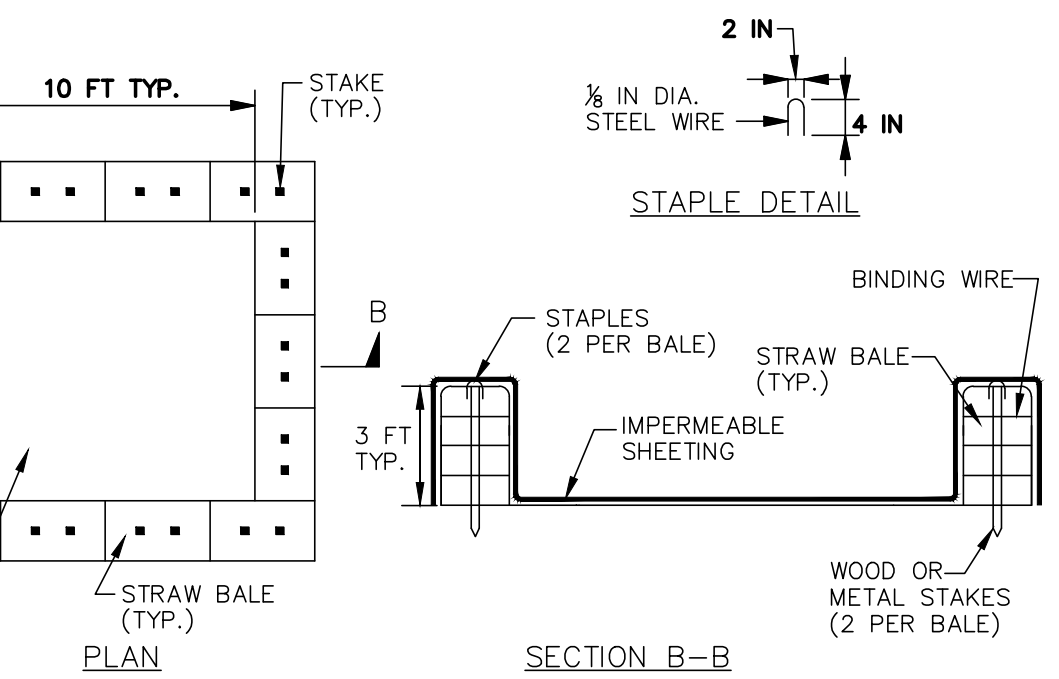


CONCRETE WASHOUT SIGN DETAIL

(OR EQUIVALENT)

7/C11

ONSITE CONCRETE TRUCK WASHOUT STRUCTURE DETAIL

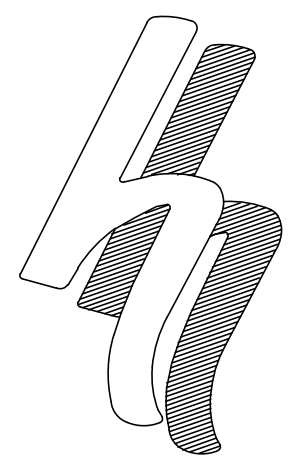


WASHOUT STRUCTURE WITH STRAW BALES

CONSTRUCTION SPECIFICATIONS:

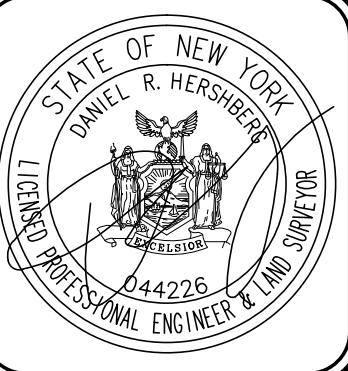
- LOCATE WASHOUT STRUCTURE A MINIMUM OF 50 FEET AWAY FROM OPEN CHANNELS, STORM DRAIN INLETS, SENSITIVE AREAS, WETLANDS, BUFFERS AND WATER COURSES AND AWAY FROM CONSTRUCTION TRAFFIC.
- SIZE WASHOUT STRUCTURE FOR VOLUME NECESSARY TO CONTAIN WASH WATER AND SOLIDS AND MAINTAIN AT LEAST 4 INCHES OF FREEBOARD. TYPICAL DIMENSIONS ARE 10 FEET X 10 FEET X 3 FEET DEEP.
- PREPARE SOIL BASE FREE OF ROCKS OR OTHER DEBRIS THAT MAY CAUSE TEARS OR HOLES IN THE LINER. FOR LINER, USE 10 MIL OR THICKER UV RESISTANT, IMPERMEABLE SHEETING, FREE OF HOLES AND TEARS OR OTHER DEFECTS THAT COMPROMISE IMPERMEABILITY OF THE MATERIAL.
- PROVIDE A SIGN FOR THE WASHOUT IN CLOSE PROXIMITY TO THE FACILITY.
- KEEP CONCRETE WASHOUT STRUCTURE WATER TIGHT. REPLACE IMPERMEABLE LINER IF DAMAGED (E.G., RIPPED OR PUNCTURED). EMPTY OR REPLACE WASHOUT STRUCTURE THAT IS 75 PERCENT FULL, AND DISPOSE OF ACCUMULATED MATERIAL PROPERLY. DO NOT REUSE PLASTIC LINER. MET-VACUUM STORED LIQUIDS THAT HAVE NOT EVAPORATED AND DISPOSE OF IN AN APPROVED MANNER. PRIOR TO FORECASTED RAINSTORMS, REMOVE LIQUIDS OR COVER STRUCTURE TO PREVENT OVERFLOWS. REMOVE HARDENED SOLIDS, WHOLE OR BROKEN UP, FOR DISPOSAL OR RECYCLING. MAINTAIN RUNOFF DIVERSION AROUND EXCAVATED WASHOUT STRUCTURE UNTIL STRUCTURE IS REMOVED.

EROSION AND SEDIMENT CONTROL DETAIL
25 DELAWARE AVENUE
ALBANY, NY



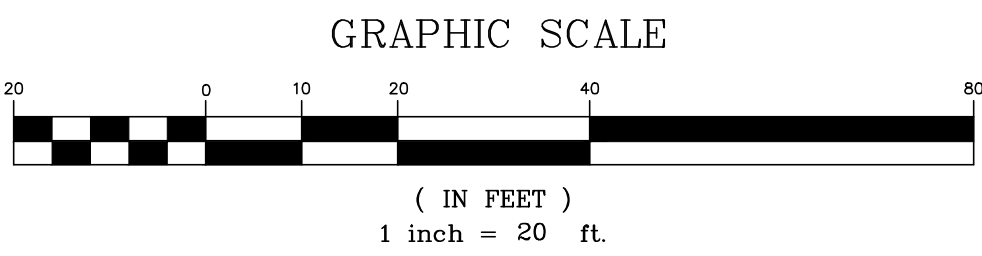
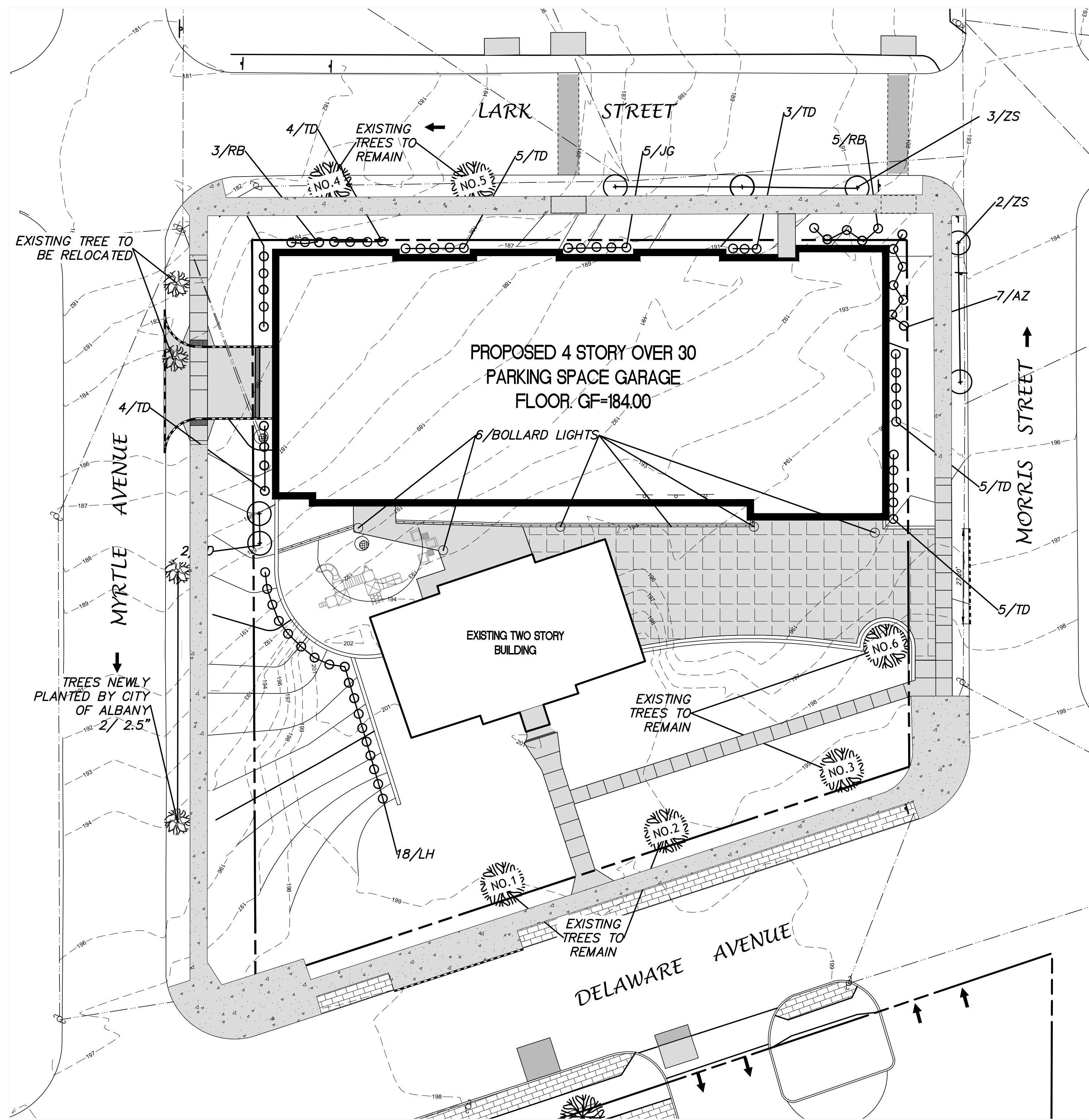
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 Consulting Engineers and Land Surveyors
 18 Locust Street
 Albany, New York 12203

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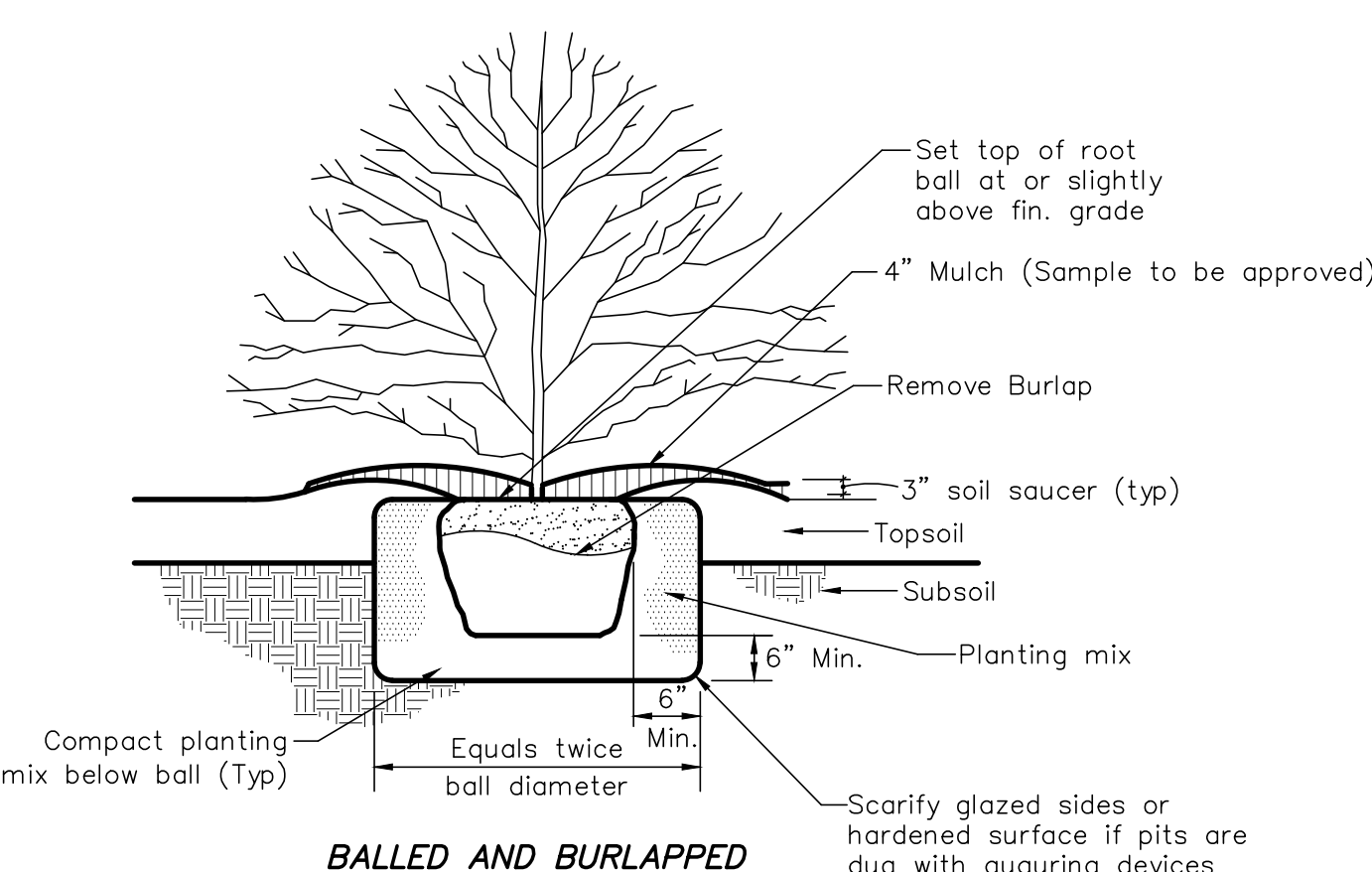


DATE	REVISIONS
02/25/21	GENERAL UPDATES
03/17/21	GENERAL UPDATES
04/27/21	LIGHTING UPDATES
05/17/21	GENERAL UPDATES
06/17/21	GENERAL UPDATES
07/09/21	GENERAL UPDATES

LANDSCAPE AND LIGHTING PLAN FOR
 25 DELAWARE AVENUE
 ALBANY, NY
 FILE: 18244
 SCALE: 1"=20'
 DATE: 10/29/20
 CHK: DRW
 BY: TMD
 18244-3.DWG



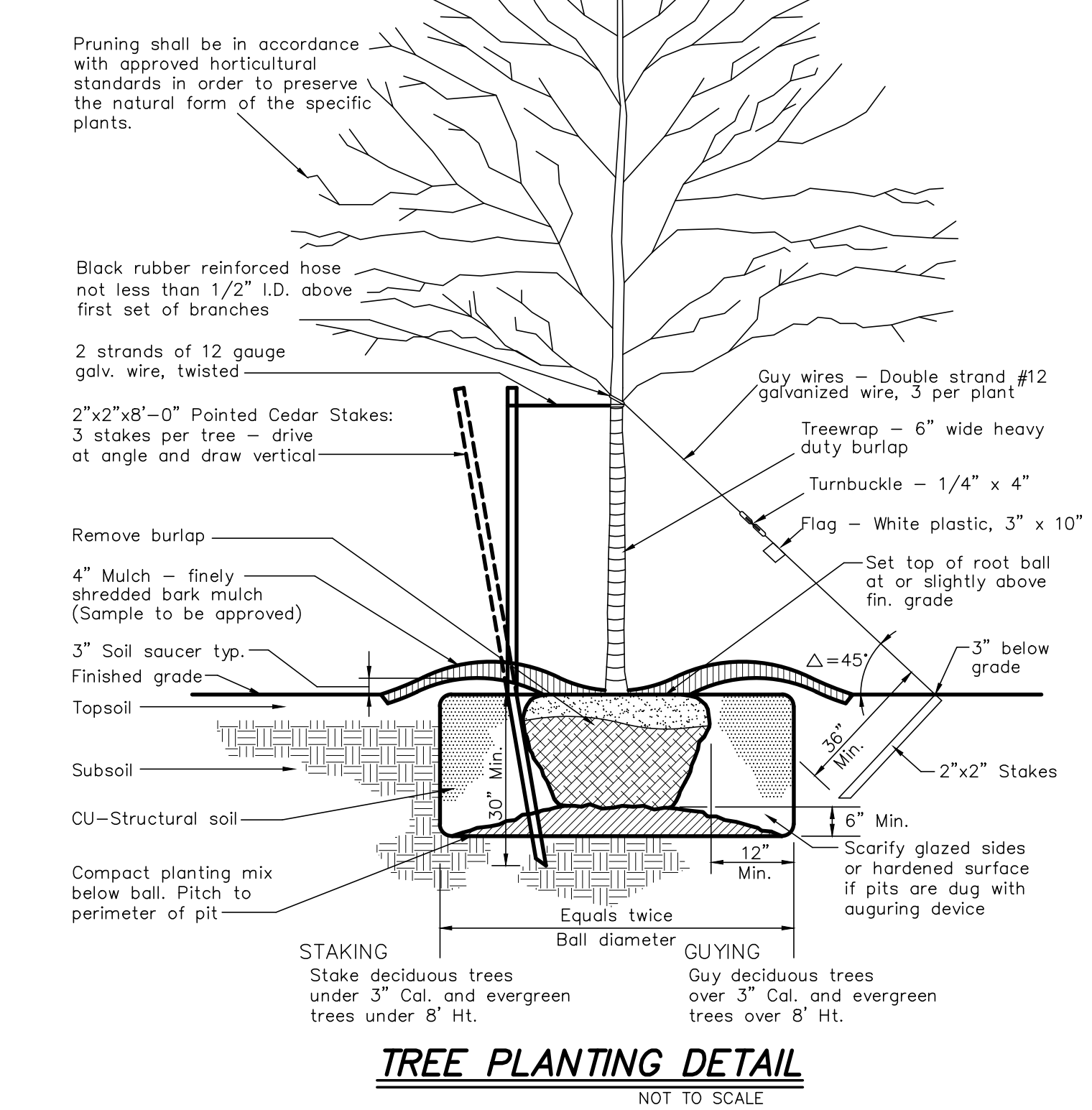
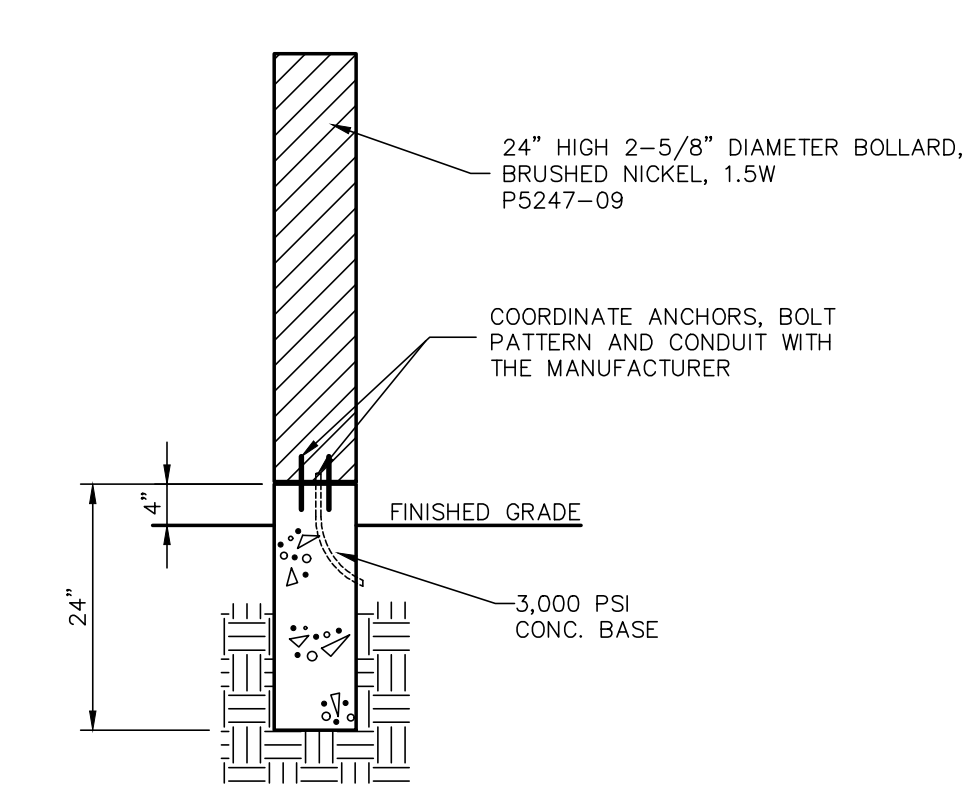
PLANT MATERIAL SCHEDULE					
SYM	BOTANICAL NAME	COMMON NAME	SIZE	AMT	COMMENTS
SHRUBS					
AZ	AZALEA POKHANENSIS	AZALEA	2' HT.	7	B & B
JG	JUNIPERUS CHINENSIS 'SEA GREEN'	SEA GREEN JUNIPER	18" HT.	5	B & B
LH	HYDRANGA PANICULATA 'LIMELIGHT'	'LIMELIGHT' PANICLE HYDRANGEA	#7 CONT.	18	CONTAINER GROWN
RB	RHODODENDRON 'BOULE DE NEIGE'	BOULE DE NEIGE RHODODENDRON	24"-30" HT.	8	B & B
TD	TAXUS X MEDIA 'DENSIFORMIS'	DENSE SPREADING YEW	24" HT.	31	B & B
TREES					
CD	CERCIS CANADENSIS	EASTERN REDBUD	2"-2 1/2" CAL.	2	B & B
ZS	ZELKOVA SERRATA	JAPANESE ZELKOVA	2 1/2"-3" CAL.	5	B & B



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

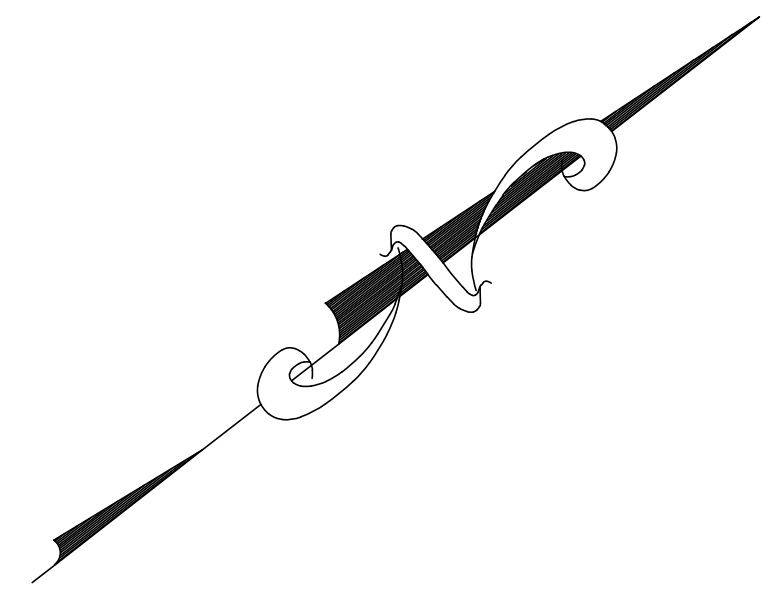
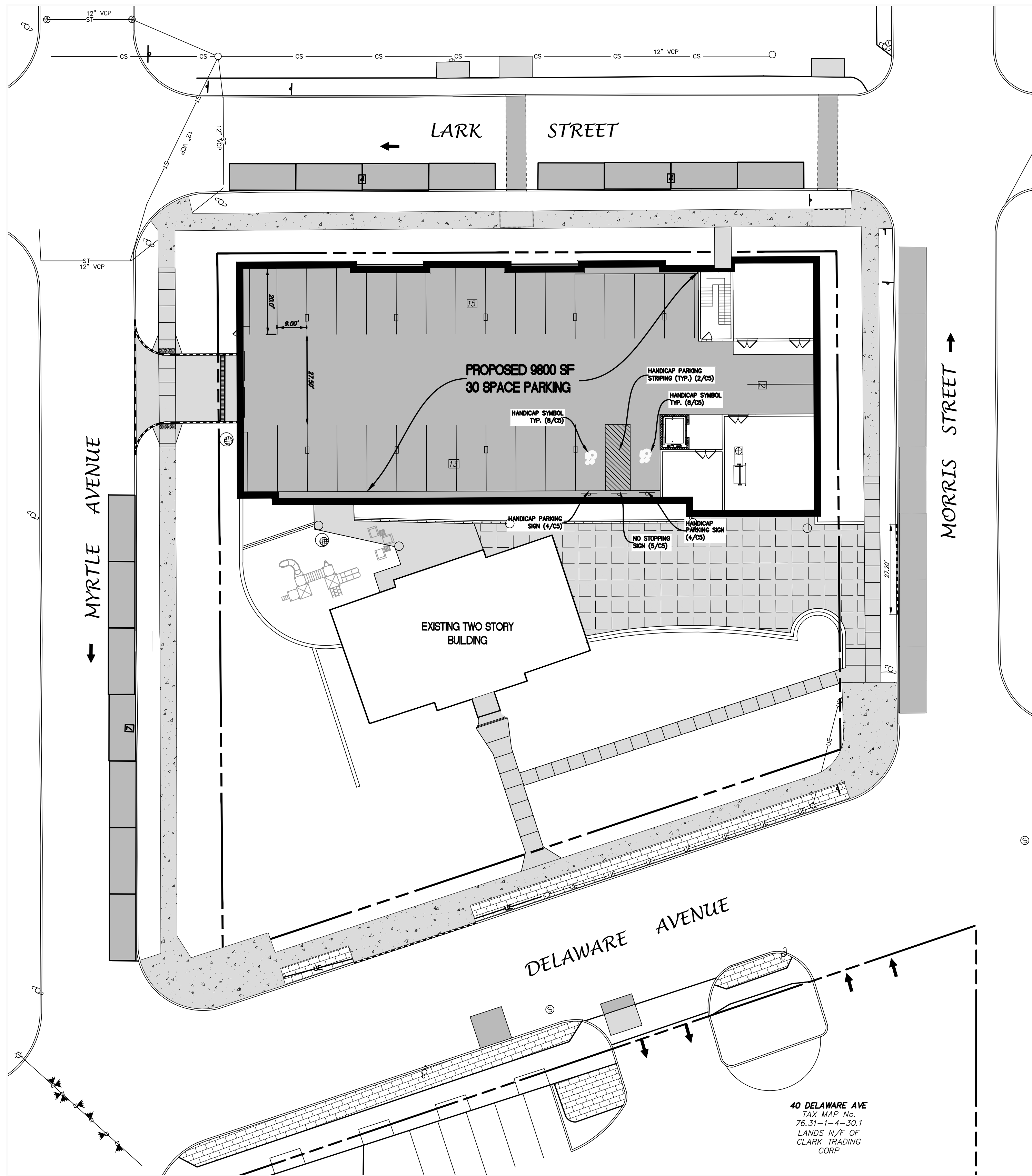


LEGEND	
	EXISTING WATER VALVE
	EXISTING LIGHT POLE
	EXISTING UTILITY POLE
	EXISTING SIGN
	EXISTING WATER MAIN
	EXISTING HYDRANT
	EXISTING SANITARY SEWER MAIN
	EXISTING STORM SEWER MAIN
	EXISTING CATCH BASIN
	EXISTING MANHOLE
	WATER SHUT OFF
	FENCE LINE
	EXISTING PAVEMENT
	EXISTING CONTOURS
	PROPOSED CONTOURS
	PROPOSED BUILDING
	PROPOSED CURB
	PROPOSED TREE



TREE ANALYSIS TABLE		
NO.	DIAMETER (IN)	REDUCTION#
1	12	2
2	19	3
3	16	3
4	23	3
5	24	3
6	36	3
TOTAL REDUCTION #		17
SITE PERIMETER (LF)		746
TREES REQUIRED 1/35 LF		22
TOTAL TREES REQUIRED		5
TOTAL TREES PROPOSED		5

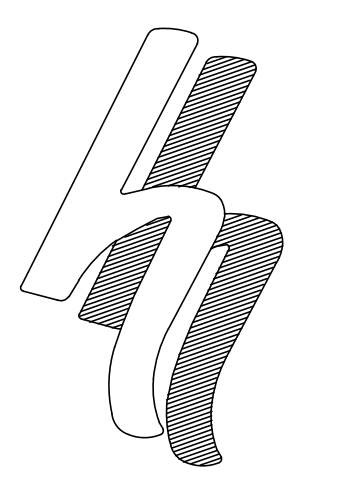
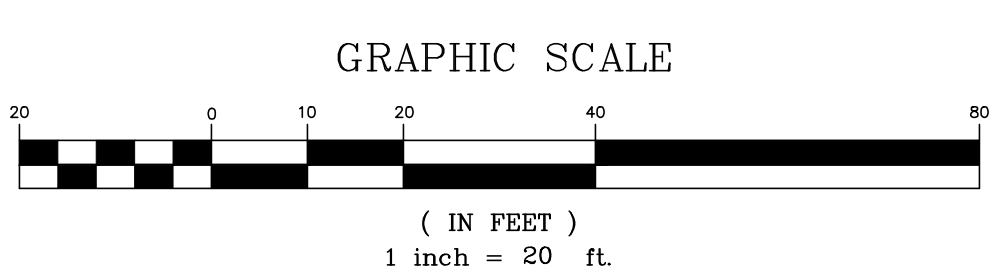
*3 TREES PROVIDED BY CITY OF ALBANY



LEGEND

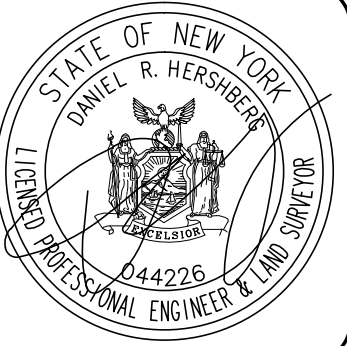
R.O.W.	RIGHT OF WAY	□	MONUMENT
No.	NUMBER	○	IRON ROD
enc.	ENCROACHMENT	⊙	MANHOLE
P.O.B.	POINT OF BEGINNING	⊞	CATCHBASIN
S.F.	SQUARE FEET	—	SIGN
N/F	NOW OR FORMERLY	•	BOLLARD
FT.	FEET	—x—	FENCE LINE
Deg.	DEGREE	— —	GUARD RAIL
R	RECORD	—○—	OVERHEAD WIRE, UTILITY POLE & GUY WIRE
M	MEASURED	↔	TRAFFIC FLOW ACCESS AREA
N	NORTH	⊙	WATER SHUT OFF
S	SOUTH	⊙	WATER VALVE
E	EAST	⊙	HYDRANT
W	WEST	⊙	GAS VALVE
tel.	TELEPHONE	⊙	GAS TEST
elec.	ELECTRIC	⊙	GAS DRIP
L	LIBER	○	STREET LIGHT
P.	PAGE	☆	LIGHT POLE
—W—	WATER LINE	▨	CONCRETE
—S—	SEWER LINE	□	PAVEMENT
—G—	GAS LINE	⊙	TREE CONIFEROUS DIAMETER OF TREE
—UE—	UNDERGROUND ELECTRIC	⊙	TREE DECIDUOUS DIAMETER OF TREE

description	requirement	quantity	# required
dwelling, mutli family	1 per unit	51	51
total parking spaces required after 20% proximity to transit reduction			41
total parking spaces required after street parking (per 20 L.F.) reduction			19
total off- street garage parking provided			30



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18 Locust Street
Albany, New York 12203

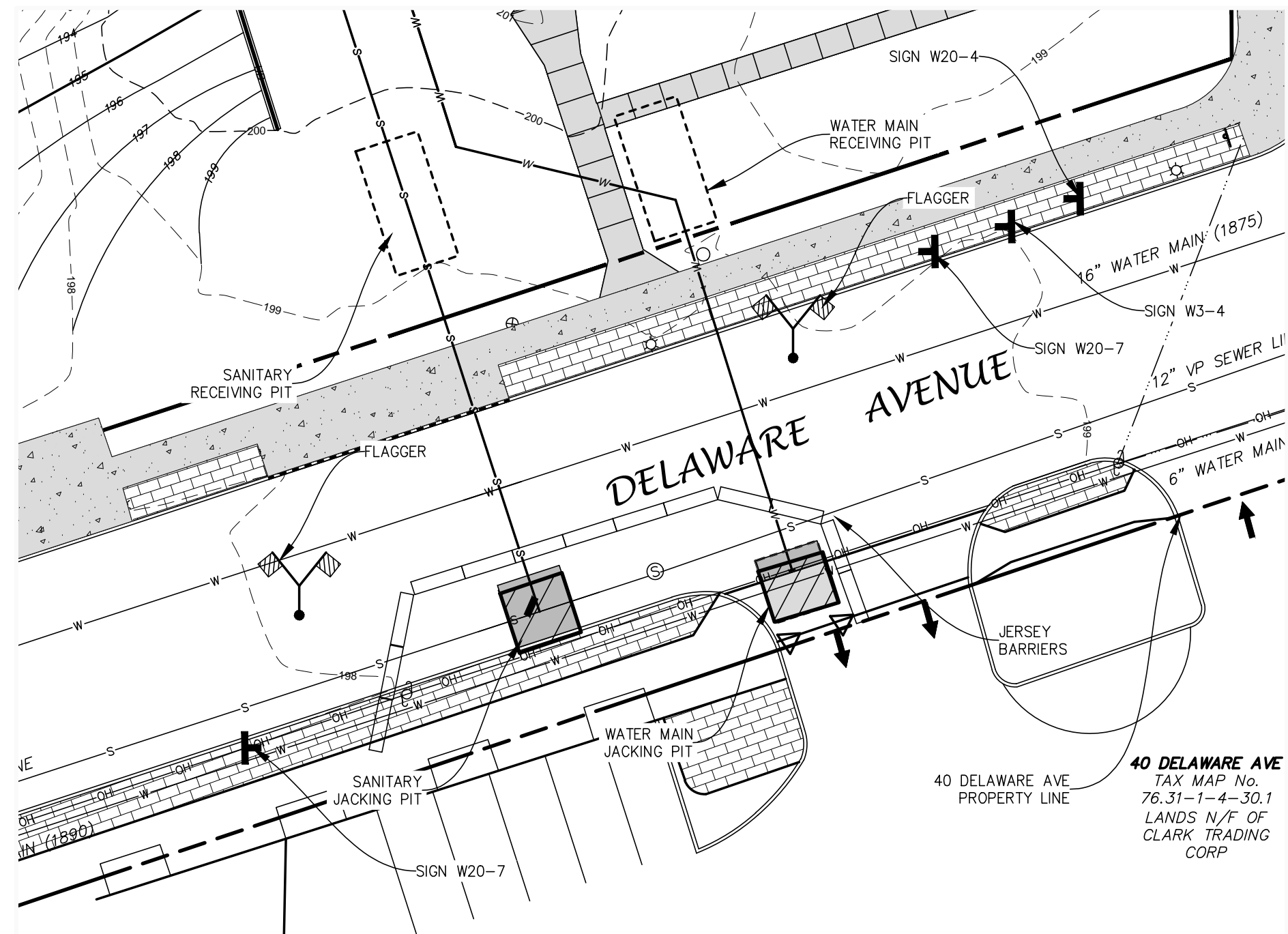
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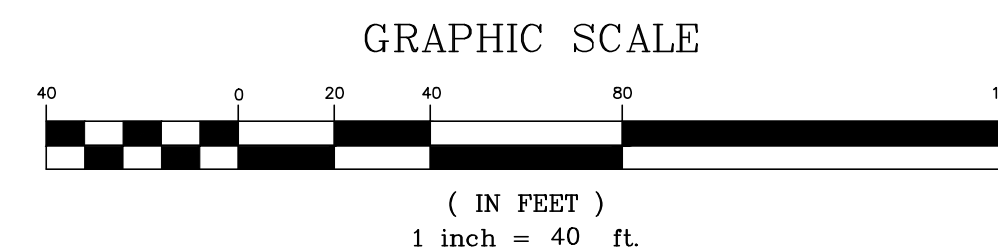
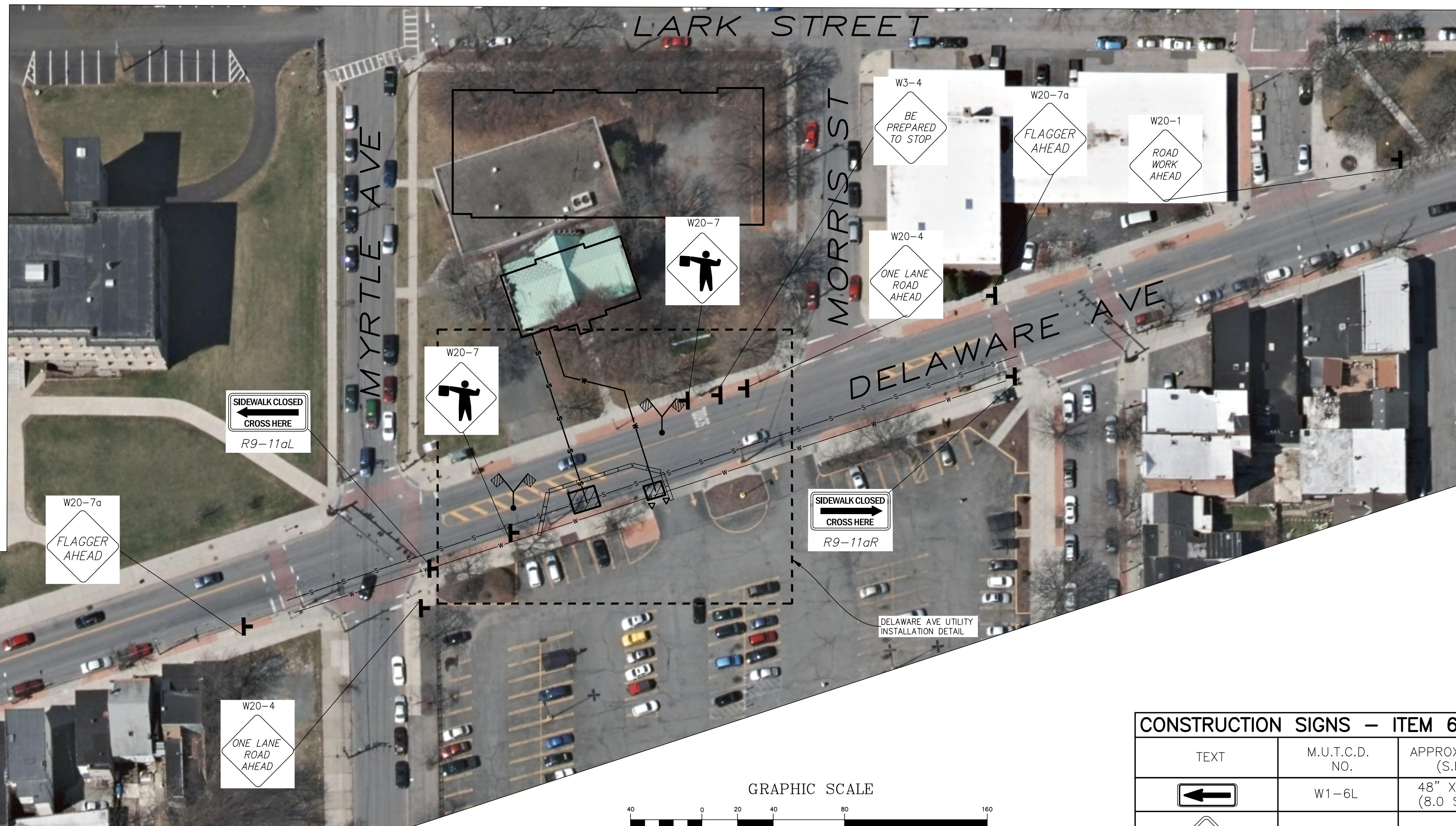
DATE	REVISIONS
02/25/21	GENERAL UPDATES
06/17/21	GENERAL UPDATES
07/09/21	GENERAL UPDATES

**PARKING PLAN FOR
25 DELAWARE AVENUE
ALBANY, NY**

FILE: 180244
BY: TMD
CHK: DRH
DATE: 11/2/20
180244-3.DWG



DELAWARE AVE UTILITY INSTALLATION DETAIL (SCALE: 1"=20')



PHASE 1 MAINTENANCE AND PROTECTION OF TRAFFIC PLAN

MAINTENANCE AND PROTECTION OF TRAFFIC NOTES

- MAINTENANCE AND PROTECTION OF TRAFFIC SHALL BE PROVIDED IN ACCORDANCE WITH 2009 MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES INCLUDING REVISION 1 & 2 DATED MAY 2012 (FHWA) AND THE NEW YORK STATE SUPPLEMENT TO FEDERAL MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. ALL SIGN NUMBERS REFER TO THE M.U.T.C.D.
- THE FINAL RESPONSIBILITY FOR THE PROTECTION OF THE TRAVELING PUBLIC AND HIS OWN PERSONNEL SHALL REST WITH THE CONTRACTOR.
- PRIOR TO THE START OF WORK, THE CONTRACTOR MAY SUBMIT ANY PROPOSED CHANGES TO THE TRAFFIC CONTROL PLAN TO THE ENGINEER FOR APPROVAL. ANY CHANGE WHICH ALTERS THE BASIC CONCEPT OF THE PLAN MUST BE APPROVED BY THE OFFICE OF THE CHIEF SUPERVISOR OF TRAFFIC ENFORCEMENT.
- VEHICLES AND CONSTRUCTION EQUIPMENT BELONGING TO THE CONTRACTOR OR THE CONTRACTOR'S EMPLOYEES SHALL BE MOVED A MINIMUM OF 30 FEET FROM THE EDGE OF PAVEMENT DURING NON-WORKING HOURS.
- DURING WORKING HOURS, NO CONSTRUCTION MATERIAL MAY BE STORED ON THE ROADWAY OR ROADBED EXCEPT IN A PROTECTED WORK ZONE.
- THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL PROPERTIES IN THE VICINITY OF THE PROJECT SITE AT ALL TIMES.
- SIGN LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE. ACTUAL LOCATION SHALL BE ADAPTED TO PREVAILING CONDITIONS.
- SIGNS THAT ARE NOT APPLICABLE SHALL BE COVERED OR OBSCURED FROM SIGHT.
- THE W20-7 FLAGGER SIGN SHALL BE USED WHENEVER FLAGGING OCCURS FOR MORE THAN A BRIEF PERIOD OF TIME. THE SIGN SHALL BE PROMPTLY REMOVED, COVERED OR FACED AWAY FROM TRAFFIC WHEN THE FLAGGING OPERATION CEASES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL TRAFFIC CONTROL DEVICES REQUIRED DURING CONSTRUCTION AND MAKING SURE ALL SIGNS, CONES AND DRUMS ARE IN PLACE AND IN GOOD CONDITION.
- THE CONTRACTOR SHALL MAINTAIN ALL EXISTING SIGNS FOR THE DURATION OF THE PROJECT OR UNTIL NEW REPLACEMENT SIGNS ARE INSTALLED.
- LENGTH OF TAPERS SHOWN ON THE MAINTENANCE AND PROTECTION OF TRAFFIC GENERAL PLAN SHALL BE DETERMINED FROM SECTION 6C.08 OF THE M.U.T.C.D.. CONE SPACING SHALL BE DETERMINED FROM SECTION 6F.64 OF THE M.U.T.C.D..
- NO ATTEMPT HAS BEEN MADE TO SHOW THE LOCATION OF ANY UNDERGROUND UTILITIES WHICH MAY EXIST WITHIN OR ADJACENT TO THE PROJECT AREA. PRIOR TO THE UTILIZATION OF THE INFORMATION SHOWN HERON, U.F.P.O. SHOULD BE NOTIFIED (811) FOR THE VERIFICATION OF THE EXISTENCE OF ANY AND ALL SUCH UTILITIES.
- IT SHALL BE THE CONTRACTOR'S SOLE RESPONSIBILITY FOR ANY DAMAGE INCURRED DURING EXCAVATION OPERATIONS. ALL COSTS RELATED TO THE REPAIR OF DAMAGED UTILITIES SHALL BE BORNE BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
- CONSTRUCTION SIGN MATERIALS SHALL COMPLY WITH SECTION 619-2 OF THE NYS DOT STANDARD SPECIFICATIONS.
- WORK ZONES LEFT OVERNIGHT SHALL BE PROTECTED WITH THE APPROPRIATE WARNING SIGNS SUPPLEMENTED WITH TYPE "A" LOW INTENSITY WARNING LIGHTS, DRUMS OR BARRICADES SHALL BE USED FOR CHANNELIZATION. TWO-WAY TRAVEL SHALL BE PROVIDED DURING NON-WORKING HOURS.

GENERAL NOTES

- ACCESS FOR CITY'S MAINTENANCE STAFF/REPRESENTATIVES MUST BE MAINTAINED AT ALL TIMES TO THE TRAFFIC SIGNAL EQUIPMENT.
- CONTRACTOR MUST PROTECT THE TRAFFIC SIGNAL EQUIPMENT BOTH ABOVE AND BELOW EXISTING GRADE FROM DAMAGE FROM WORK ACTIVITIES AT THIS SITE.
- DAMAGE TO CITY SIDEWALKS, CURBS, AND ROADWAYS WILL BE THE SOLE RESPONSIBILITY OF THE DEVELOPER AND CONTRACTORS.
- DEVELOPER AND CONTRACTORS ARE RESPONSIBLE FOR CALLING THE OFFICE OF THE CHIEF SUPERVISOR OF TRAFFIC ENGINEERING TO ARRANGE FOR PARKING RESTRICTIONS FOR THE PROJECT. ANY FEE FOR THE PARKING OR METER SPACES WILL BE THE RESPONSIBILITY OF THE DEVELOPER/CONTRACTOR.
- ONCE APPROVED THIS PLAN WILL REMAIN IN PLACE FOR THE DURATION OF THE PROJECT UNLESS A MODIFIED PLAN IS SUBMITTED AND APPROVED BY THE OFFICE OF CHIEF SUPERVISOR OF TRAFFIC ENGINEERING.

LEGEND

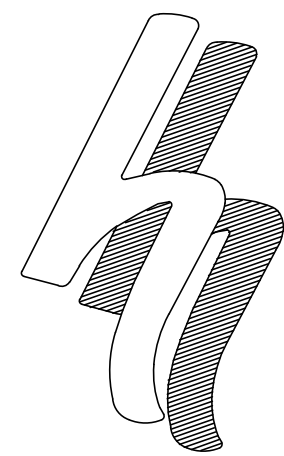
	CONE
	FLAGGER
	PLASTIC DRUM
	JERSEY BARRIER
	SIGN
	WORK AREA

NOTES:

- UTILITY INSTALLATION TO OCCUR DURING THE HOURS OF 9:00 PM TO 5:00 AM.
- ALTERNATE LANES AND USE FLAGGER BETWEEN 9:00 PM TO 5:00 AM
- STEEL PLATE EXCAVATION AND RE-OPEN LANE BETWEEN 5:00 AM TO 9:00 PM

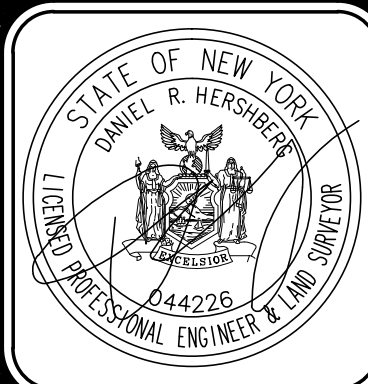
CONSTRUCTION SIGNS - ITEM 619.02

TEXT	M.U.T.C.D. NO.	APPROX. AREA (S.F.)
	W1-6L	48" X 24" (8.0 S.F.)
	W20-4	36" X 36" (9.0 S.F.)
	W20-7	36" X 36" (9.0 S.F.)
	W20-1	36" X 36" (9.0 S.F.)
	W20-1	36" X 36" (9.0 S.F.)
	R9-11aL	24" X 12" (2.0 S.F.)
	R9-11aR	24" X 12" (2.0 S.F.)
	W20-7a	36" X 36" (9.0 S.F.)



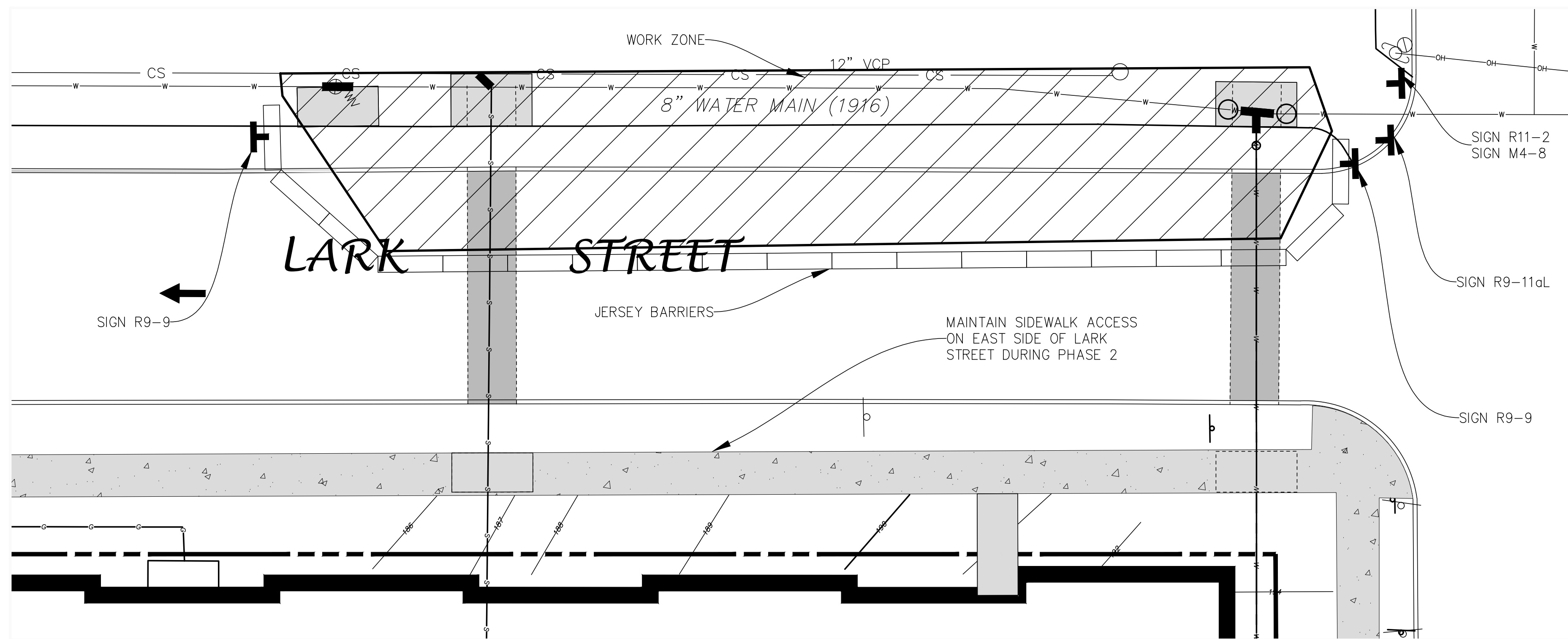
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Albany, New York 12203

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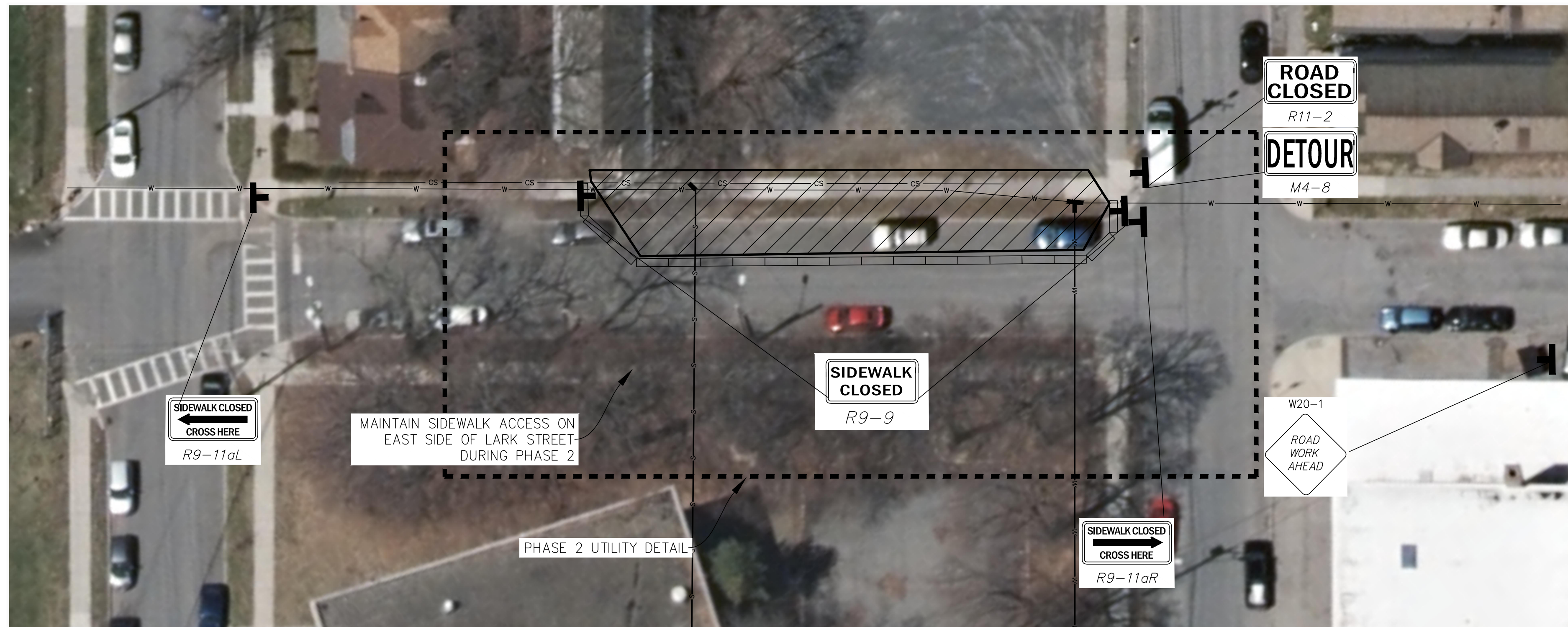


REVISIONS	DATE	REMARKS
GENERAL UPDATES	09/25/21	
GENERAL UPDATES	06/17/21	
GENERAL UPDATES	07/23/21	
GENERAL UPDATES	07/29/21	

PHASE 1 MAINTENANCE AND PROTECTION OF TRAFFIC PLAN FOR 25 DELAWARE AVENUE ALBANY, NY
 FILE: 180244
 SCALE: 1"=40'
 DATE: 11/22/20
 CHK: DRH
 180244-3.DWG



PHASE 2 UTILITY DETAIL (SCALE: 1"=10')



MAINTENANCE AND PROTECTION OF TRAFFIC PLAN PHASE 2

MAINTENANCE AND PROTECTION OF TRAFFIC NOTES

- MAINTENANCE AND PROTECTION OF TRAFFIC SHALL BE PROVIDED IN ACCORDANCE WITH 2009 MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES INCLUDING REVISION 1 & 2 DATED MAY 2012 (FHWA) AND THE NEW YORK STATE SUPPLEMENT TO FEDERAL MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. ALL SIGN NUMBERS REFER TO THE M.U.T.C.D.
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- VEHICLES AND CONSTRUCTION EQUIPMENT BELONGING TO THE CONTRACTOR OR THE CONTRACTOR'S EMPLOYEES SHALL BE MOVED A MINIMUM OF 30 FEET FROM THE EDGE OF PAVEMENT DURING NON-WORKING HOURS.
- DURING WORKING HOURS, NO CONSTRUCTION MATERIAL MAY BE STORED ON THE ROADWAY OR ROADBED EXCEPT IN A PROTECTED WORK ZONE.
- THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL PROPERTIES IN THE VICINITY OF THE PROJECT SITE AT ALL TIMES.
- SIGN LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE. ACTUAL LOCATION SHALL BE ADAPTED TO PREVAILING CONDITIONS.
- SIGNS THAT ARE NOT APPLICABLE SHALL BE COVERED OR OBSCURED FROM SIGHT.
- THE W20-7 FLAGGER SIGN SHALL BE USED WHENEVER FLAGGING OCCURS FOR MORE THAN A BRIEF PERIOD OF TIME. THE SIGN SHALL BE PROMPTLY REMOVED, COVERED OR FACED AWAY FROM TRAFFIC WHEN THE FLAGGING OPERATION CEASES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL TRAFFIC CONTROL DEVICES REQUIRED DURING CONSTRUCTION AND MAKING SURE ALL SIGNS, CONES AND DRUMS ARE IN PLACE AND IN GOOD CONDITION.
- THE CONTRACTOR SHALL MAINTAIN ALL EXISTING SIGNS FOR THE DURATION OF THE PROJECT OR UNTIL NEW REPLACEMENT SIGNS ARE INSTALLED.
- LENGTH OF TAPERS SHOWN ON THE MAINTENANCE AND PROTECTION OF TRAFFIC GENERAL PLAN SHALL BE DETERMINED FROM SECTION 6C.08 OF THE M.U.T.C.D.. CONE SPACING SHALL BE DETERMINED FROM SECTION 6F.64 OF THE M.U.T.C.D..
- NO ATTEMPT HAS BEEN MADE TO SHOW THE LOCATION OF ANY UNDERGROUND UTILITIES WHICH MAY EXIST WITHIN OR ADJACENT TO THE PROJECT AREA. PRIOR TO THE UTILIZATION OF THE INFORMATION SHOWN HEREON, U.F.P.O. SHOULD BE NOTIFIED (811) FOR THE VERIFICATION OF THE EXISTENCE OF ANY AND ALL SUCH UTILITIES.
- IT SHALL BE THE CONTRACTOR'S SOLE RESPONSIBILITY FOR ANY DAMAGE INCURRED DURING EXCAVATION OPERATIONS. ALL COSTS RELATED TO THE REPAIR OF DAMAGED UTILITIES SHALL BE BORNE BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
- CONSTRUCTION SIGN MATERIALS SHALL COMPLY WITH SECTION 619-2 OF THE NYS DOT STANDARD SPECIFICATIONS.
- WORK ZONES LEFT OVERNIGHT SHALL BE PROTECTED WITH THE APPROPRIATE WARNING SIGNS SUPPLEMENTED WITH TYPE "A" LOW INTENSITY WARNING LIGHTS. DRUMS OR BARRICADES SHALL BE USED FOR CHANNELIZATION. TWO-WAY TRAVEL SHALL BE PROVIDED DURING NON-WORKING HOURS.

CONSTRUCTION SIGNS -- ITEM 619.02

TEXT	M.U.T.C.D. NO.	APPROX. AREA (S.F.)
ROAD CLOSED	R11-2	48" X 30" (10.0 S.F.)
←	W1-6L	48" X 24" (8.0 S.F.)
DETOUR	M4-8	24" X 12" (2.0 S.F.)
ROAD WORK AHEAD	W20-1	36" X 36" (9.0 S.F.)
SIDEWALK CLOSED	R9-9	24" X 12" (2.0 S.F.)
SIDEWALK CLOSED CROSS HERE →	R9-11aR	24" X 12" (2.0 S.F.)
SIDEWALK CLOSED CROSS HERE ←	R9-11aL	24" X 12" (2.0 S.F.)

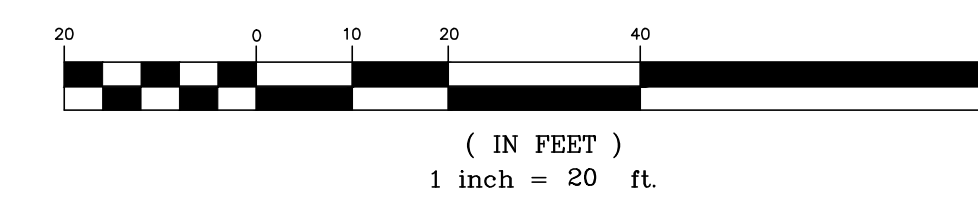
LEGEND

	JERSEY BARRIER
	SIGN
	WORK AREA

NOTES:

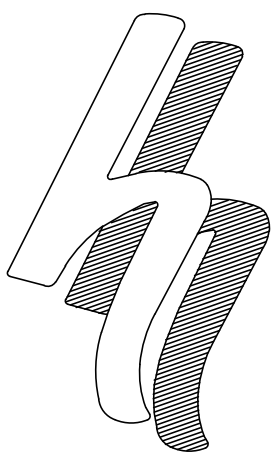
- PLACE "ROAD CLOSURE" AND "DETOUR" SIGN PRIOR TO START OF CONSTRUCTION.
- COVER SIGNS AT END OF EACH WORK DAY.
- STEEL PLATES OVER OPEN EXCAVATION AT END OF EACH WORK DAY.

GRAPHIC SCALE



GENERAL NOTES

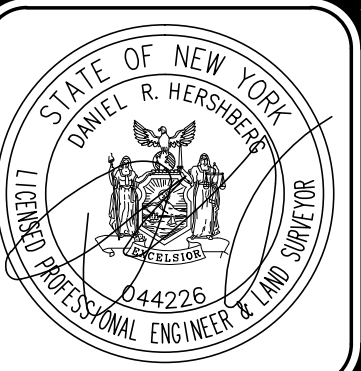
- ACCESS FOR CITY'S MAINTENANCE STAFF/REPRESENTATIVES MUST BE MAINTAINED AT ALL TIMES TO THE TRAFFIC SIGNAL EQUIPMENT AT THIS INTERSECTION.
- PEDESTRIAN ACCESS TO THE ADA COMPLIANT PEDESTRIAN PUSHBUTTONS, LOCATED ON THE TRAFFIC SIGNAL POLES, MUST ALSO BE MAINTAINED AT ALL TIMES THROUGHOUT THE DURATION OF THE PROJECT.
- CONTRACTOR MUST PROTECT THE TRAFFIC SIGNAL EQUIPMENT BOTH ABOVE AND BELOW EXISTING GRADE, AT THIS INTERSECTION, FROM DAMAGE FROM WORK ACTIVITIES AT THIS SITE.
- DAMAGE TO CITY SIDEWALKS, CURBS, AND ROADWAYS WILL BE THE SOLE RESPONSIBILITY OF THE DEVELOPER AND CONTRACTORS.
- DEVELOPER AND CONTRACTORS ARE RESPONSIBLE FOR CALLING THE OFFICE OF THE CHIEF SUPERVISOR OF TRAFFIC ENGINEERING TO ARRANGE FOR PARKING RESTRICTIONS FOR THE PROJECT.
- ONCE APPROVED THIS PLAN WILL REMAIN IN PLACE FOR THE DURATION OF THE PROJECT UNLESS A MODIFIED PLAN IS SUBMITTED AND APPROVED BY THE OFFICE OF CHIEF SUPERVISOR OF TRAFFIC ENGINEERING.
- DAMAGE TO CITY SIDEWALKS, CURBS, AND ROADWAYS WILL BE THE SOLE RESPONSIBILITY OF THE DEVELOPER AND CONTRACTORS.



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Consulting Engineers and Land Surveyors

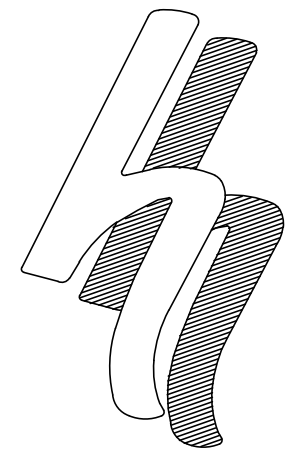
18 Locust Street
Albany, New York 12203

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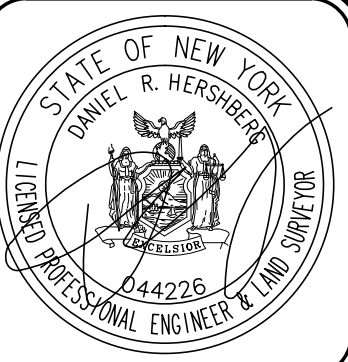
DATE	REVISIONS

PHASE 2 MAINTENANCE AND PROTECTION OF TRAFFIC PLAN FOR 25 DELAWARE AVENUE ALBANY, NY



HERSHBERG & HERSHBERG
 Consulting Engineers and Land Surveyors
 18 Locust Street
 Albany, New York 12203

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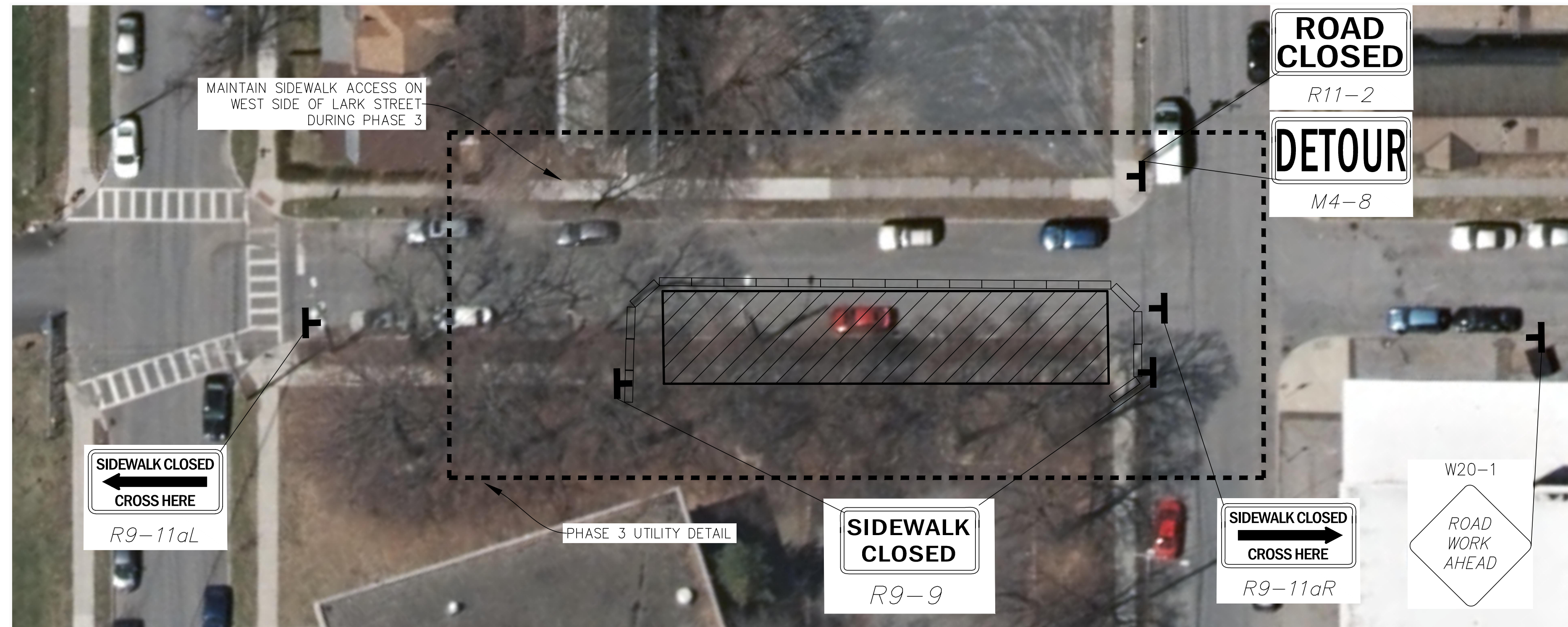
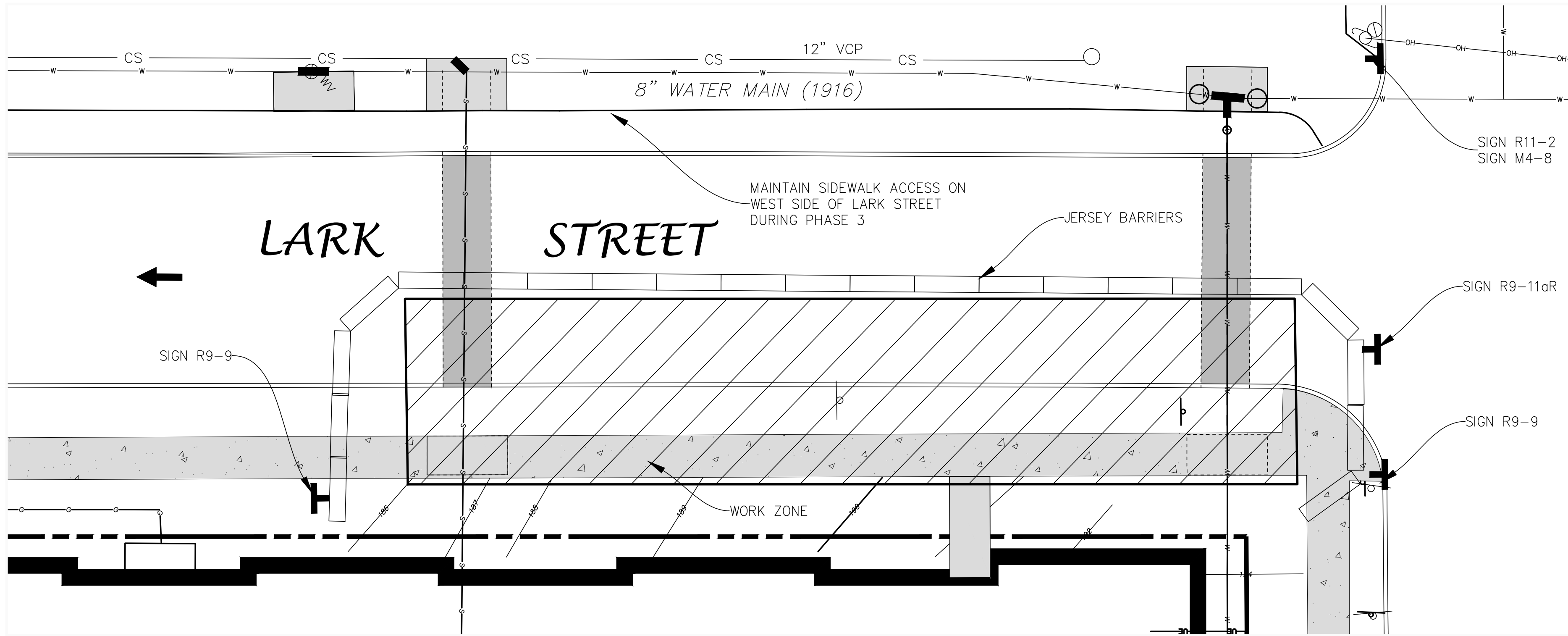
DATE	REMARKS	REVISIONS

PHASE 3 MAINTENANCE AND PROTECTION OF TRAFFIC PLAN FOR 25 DELAWARE AVENUE ALBANY, NY

SCALE: 1"=40'
 DATE: 11/22/20
 160244-JDING
 160244

CONSTRUCTION SIGNS — ITEM 619.02

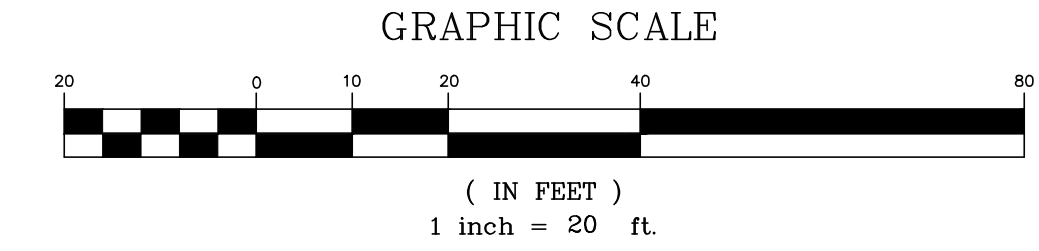
TEXT	M.U.T.C.D. NO.	APPROX. AREA (S.F.)
	R11-2	48" X 30" (10.0 S.F.)
	W1-6L	48" X 24" (8.0 S.F.)
	M4-8	24" X 12" (2.0 S.F.)
	W20-1	36" X 36" (9.0 S.F.)
	R9-9	24" X 12" (2.0 S.F.)
	R9-11aR	24" X 12" (2.0 S.F.)
	R9-11aL	24" X 12" (2.0 S.F.)



LEGEND

	JERSEY BARRIER
	SIGN
	WORK AREA

- NOTES:
- PLACE "ROAD CLOSURE" AND "DETOUR" SIGN PRIOR TO START OF CONSTRUCTION.
 - COVER SIGNS AT END OF EACH WORK DAY.
 - STEEL PLATES OVER OPEN EXCAVATION AT END OF EACH WORK DAY.

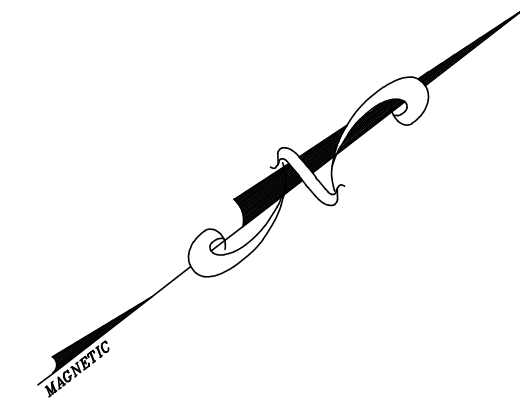


MAINTENANCE AND PROTECTION OF TRAFFIC NOTES

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- VEHICLES AND CONSTRUCTION EQUIPMENT BELONGING TO THE CONTRACTOR OR THE CONTRACTOR'S EMPLOYEES SHALL BE MOVED A MINIMUM OF 30 FEET FROM THE EDGE OF PAVEMENT DURING NON-WORKING HOURS.
- DURING WORKING HOURS, NO CONSTRUCTION MATERIAL MAY BE STORED ON THE ROADWAY OR ROADBED EXCEPT IN A PROTECTED WORK ZONE.
- THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL PROPERTIES IN THE VICINITY OF THE PROJECT SITE AT ALL TIMES.
- SIGN LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE. ACTUAL LOCATION SHALL BE ADAPTED TO PREVAILING CONDITIONS.
- SIGNS THAT ARE NOT APPLICABLE SHALL BE COVERED OR OBSCURED FROM SIGHT.
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- CONSTRUCTION SIGN MATERIALS SHALL COMPLY WITH SECTION 619-2 OF THE NYS DOT STANDARD SPECIFICATIONS.
- WORK ZONES LEFT OVERNIGHT SHALL BE PROTECTED WITH THE APPROPRIATE WARNING SIGNS SUPPLEMENTED WITH TYPE "A" LOW INTENSITY WARNING LIGHTS. DRUMS OR BARRICADES SHALL BE USED FOR CHANNELIZATION. TWO-WAY TRAVEL SHALL BE PROVIDED DURING NON-WORKING HOURS.

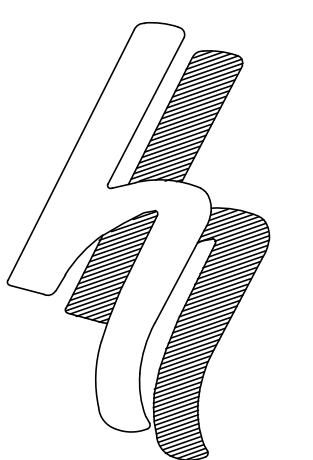
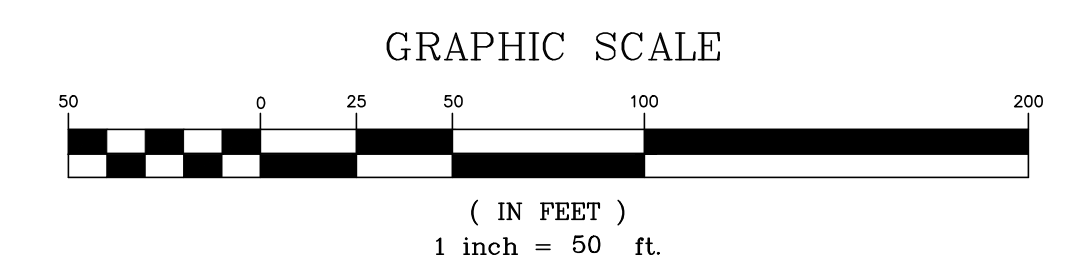
GENERAL NOTES

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- CONTRACTOR MUST PROTECT THE TRAFFIC SIGNAL EQUIPMENT BOTH ABOVE AND BELOW EXISTING GRADE, AT THIS INTERSECTION, FROM DAMAGE FROM WORK ACTIVITIES AT THIS SITE.
- DAMAGE TO CITY SIDEWALKS, CURBS, AND ROADWAYS WILL BE THE SOLE RESPONSIBILITY OF THE DEVELOPER AND CONTRACTORS.
- DEVELOPER AND CONTRACTORS ARE RESPONSIBLE FOR CALLING THE OFFICE OF THE CHIEF SUPERVISOR OF TRAFFIC ENGINEERING TO ARRANGE FOR PARKING RESTRICTIONS FOR THE PROJECT.
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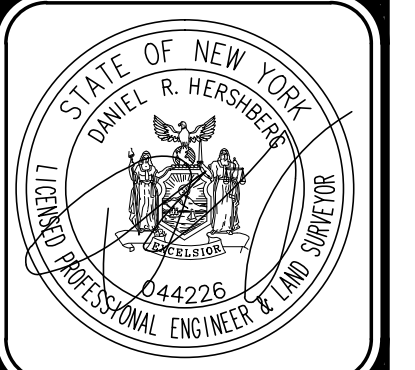
LEGEND
 - - - - - DETOUR ROUTE

CONSTRUCTION SIGNS - ITEM 619.02		
TEXT	M.U.T.C.D. NO.	APPROX. AREA (S.F.)
	R11-2	48" X 30" (10.0 S.F.)
	W1-6L	48" X 24" (8.0 S.F.)
	M4-8	24" X 12" (2.0 S.F.)
	M4-9L	30" X 24" (5.0 S.F.)
	M4-9R	30" X 24" (5.0 S.F.)



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 Consulting Engineers and Land Surveyors
 18 Locust Street
 Albany, New York 12203

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DATE	REVISIONS

LARK STREET DETOUR PLAN FOR
 25 DELAWARE AVENUE
 ALBANY, NY

FILE: 180244
 SCALE: 1"=40'
 DATE: 11/22/20
 CHK: DRH
 180244-3.DWG