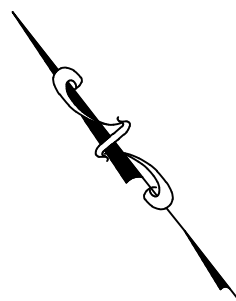
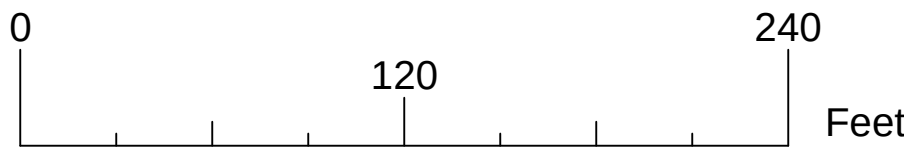


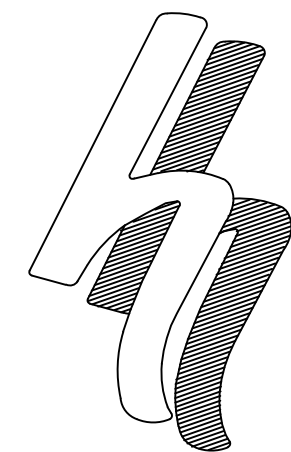
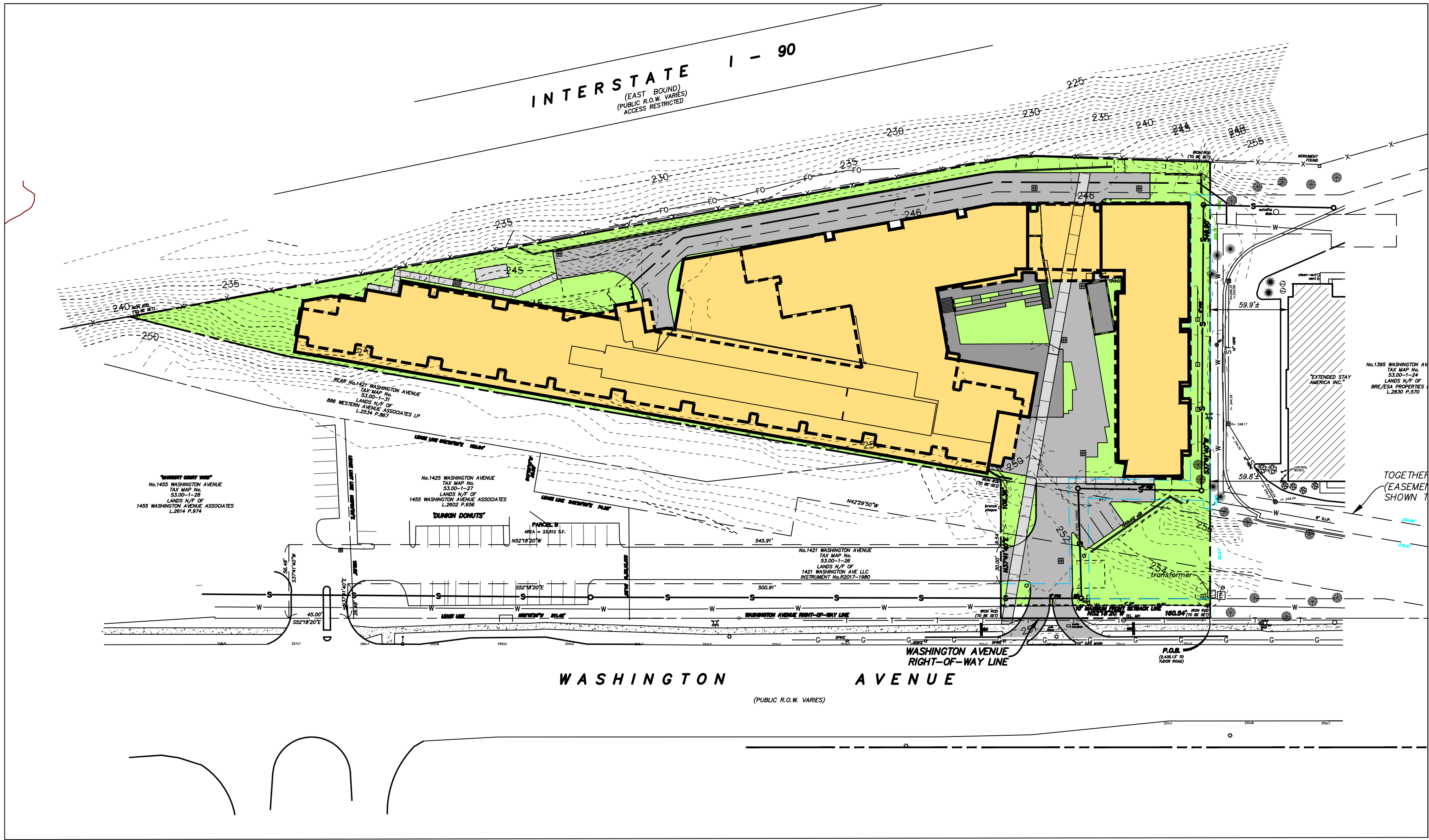
STUDENT HOUSING

1415 WASHINGTON AVENUE

CITY OF ALBANY, NEW YORK STATE



DRAWING INDEX	
DRAWING INDEX	SHEET NAME
C	TITLE SHEET
C1	EXISTING CONDITIONS AND DEMOLITION PLAN
C2	SITE PLAN
C3	WATER MAIN PLAN/PROFILE AND DETAILS
C4	SANITARY SEWER PLAN/PROFILE AND DETAILS
C5	STORM WATER POLLUTION PREVENTION PLAN
C6	SWPPP DETAILS AND PROFILES
C7	EROSION AND SEDIMENT CONTROL PLAN
C8	EROSION AND SEDIMENT CONTROL PLAN
C9	SITE DETAILS
C10	LIGHTING PLAN
C11	MAINTENANCE AND PROTECTION OF TRAFFIC PLAN
C12	TRUCK ROUTING PLAN
L1	LANDSCAPE SITE PLAN
L2	PLANTING PLAN AND DETAILS
L3	PLANTING PLAN AND DETAILS
L4	PLANTING PLAN AND DETAILS



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

ALTERATION OF THIS
DOCUMENT EXCEPT BY A
LICENSED PROFESSIONAL
ENGINEER OR LAND
SURVEYOR, IS ILLEGAL



REMARKS	DATE	
	8/11/2020	10/16/20
GENERAL		
FULL SET OF PLANS		
REVISIONS		

TITLE SHEET
1415 WASHINGTON AVENUE
CITY OF ALBANY
COUNTY OF ALBANY, STATE OF NEW YORK

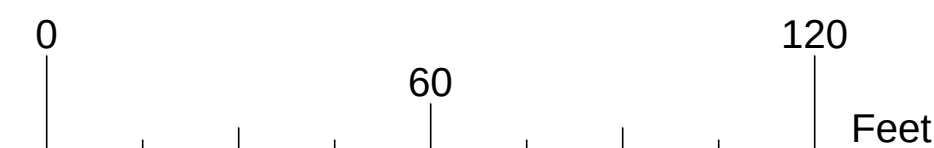
FILE: 200015
SCALE: AS NOTED
BY: MM
CHK: DRH
DATE: 1/24/2020
200015-T.DWG

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
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
—	WATER LINE	CONCRETE
—	STORM LINE	PAVEMENT
—	SEWER LINE	
—	GAS LINE	
—	UNDERGROUND ELECTRIC	
—	FIBEROPTIC LINE	

MAP REFERENCES

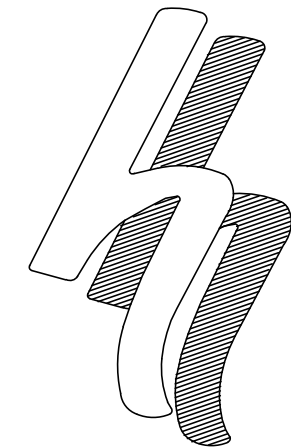
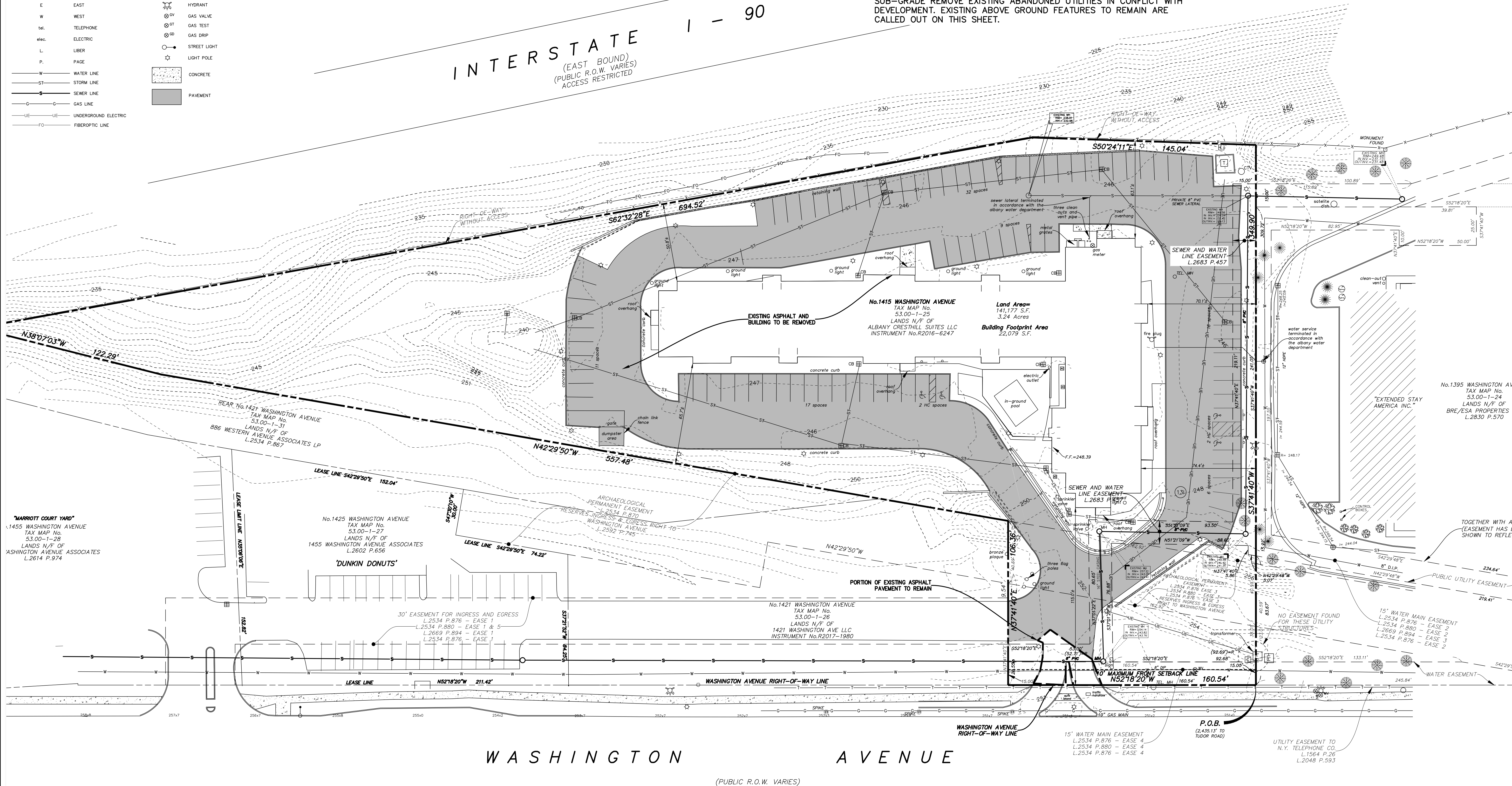
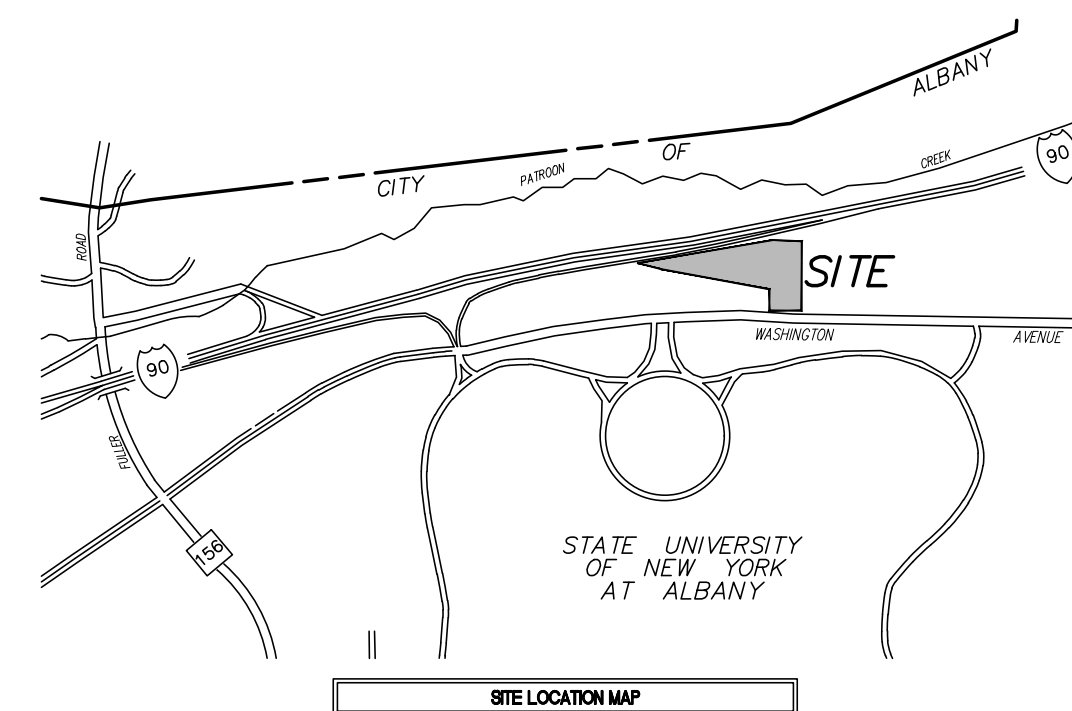
- 1.) "AS BUILT WATER & SEWER Nos. 1395-1475 WASHINGTON AVENUE, ALBANY, NY" PREPARED BY HERSHBERG & HERSHBERG CONSULTING ENGINEERS & LAND SURVEYORS, DATED 11/05/96, LAST REVISED 1/31/97.
- 2.) "MAP SHOWING PROPERTY LINE AND EASEMENTS OF No. 1395 WASHINGTON AVENUE, EXTENDED STAY AMERICA, INC.", PREPARED BY HERSHBERG & HERSHBERG ON 4/13/96, LAST REVISED 5/7/96.
- 3.) ALTA SURVEY PREPARED BY HERSHBERG & HERSHBERG AS FILE No. 190321. SEE SURVEY FOR ALL SCHEDULE B ITEMS REFERENCED ON THIS PLAN.
- 4.) TOPOGRAPHIC INFORMATION SHOWN OBTAINED BY A FIELD SURVEY PERFORMED IN MARCH 2020



INTERSTATE 1 - 90
(EAST BOUND)
(PUBLIC R.O.W. VARIES)
ACCESS RESTRICTED

DEMOLITION NOTES

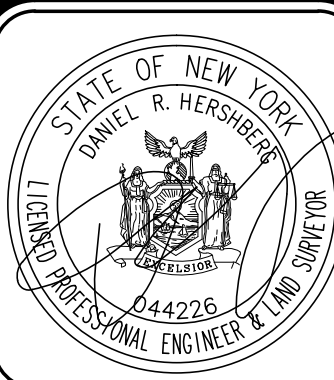
1. COORDINATE ALL REMOVALS WITH CONSTRUCTION SCHEDULE AND OWNER. MAINTAIN OPERATION OF EXISTING FACILITY THROUGHOUT CONSTRUCTION.
2. ALL EXISTING WATER SERVICES AND SEWER LATERALS SHALL BE ABANDONED IN ACCORDANCE WITH THE CITY OF ALBANY. REMOVE, PLUG AND CAP AS REQUIRED BY THE CITY OF ALBANY.
3. VERIFY ALL UTILITIES WHICH HAVE BEEN ABANDONED ARE NOT ACTIVE. RECONNECT ANY ACTIVE UTILITY LINES FOUND.
4. ALL EXISTING BUILDINGS TO BE DEMOLISHED SHALL HAVE THE FOUNDATIONS REMOVED IN THEIR ENTIRETY.
5. REMOVE ALL ABOVE GROUND FEATURES WITHIN THE PROPERTY LINE AREA AND REMOVE ALL CONCRETE AND ASPHALT PAVEMENT TO SUB-GRADE REMOVE EXISTING ABANDONED UTILITIES IN CONFLICT WITH DEVELOPMENT. EXISTING ABOVE GROUND FEATURES TO REMAIN ARE CALLED OUT ON THIS SHEET.



HERSHBERG & HERSHBERG
Consulting Engineers
and Land Surveyors

18 Locust Street
Albany, New York 12203

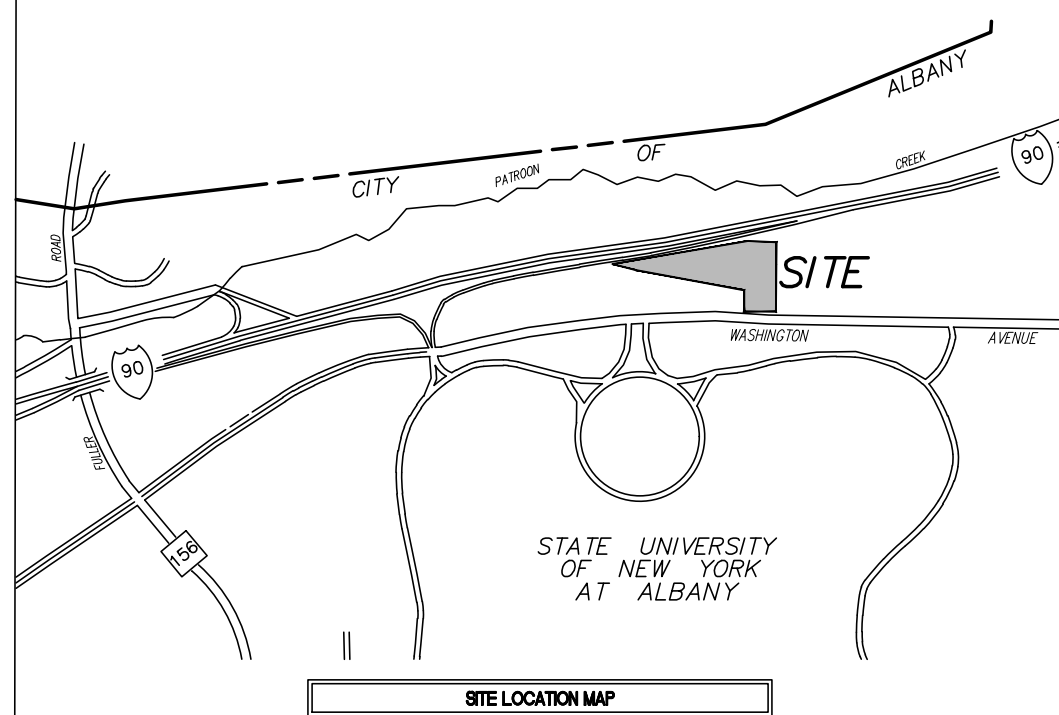
ALTERATION OF THIS
DOCUMENT EXCEPT BY A
LICENSED PROFESSIONAL
ENGINEER OR LAND
SURVEYOR, IS ILLEGAL



REVISIONS	DATE	REMARKS
1	3/26/20	TOPOGRAPHIC SURVEY ADDED
2	6/25/20	DRAFT ISSUED
3	7/17/20	DRAFT ISSUED
4	10/16/20	FULL SET OF PLANS
5	12/30/20	RESPONSE REVISIONS

EXISTING CONDITIONS AND DEMOLITION PLAN
1415 WASHINGTON AVENUE
CITY OF ALBANY
COUNTY OF ALBANY, STATE OF NEW YORK

SCALE: AS NOTED
DATE: 1/24/2020
CHK: DRH
BY: MM
FILE: 200015



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
*GRADING AND MINING
*SANITARY/STORM SEWER
*RETAINING WALL
*WATER DEPARTMENT
*DEPARTMENT OF GENERAL SERVICES
*CURB CUT APPLICATION
*SIDEWALK/CURB RESTORATION
*STREET RESTORATION
*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 LOCATION.

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. THERE SHALL NOT BE CONSTRUCTION VEHICLE PARKING ON EITHER SIDE OF WASHINGTON AVENUE. CONTRACTORS MUST PROVIDE ON-SITE OR OFF-SITE PARKING FOR EMPLOYEES DURING CONSTRUCTION.

EXISTING SITE COVERAGE STATISTICS

description	s.f.	acres	%
gross site area	141,177	3.24	100.00
impervious area	79,792	1.83	56.5
building area	22,079	0.50	15.5
pavement/sidewalk area	57,713	1.33	41.0
grass area	61,385	1.41	43.5

PROPOSED SITE COVERAGE STATISTICS

description	s.f.	acres	%
gross site area	141,177	3.24	100.00
impervious area	112,948	2.59	80.0
building coverage	72,725	1.67	51.5
pavement/sidewalk area	40,223	0.92	28.5
grass area	28,229	0.65	20.0

RECREATION SPACE TABLE

description	requirement	quantity	# required
dwelling, multi family	10% of site area	141,177 sf	14,177 sf
area 1: plaza			8,300 sf
area 2: community courtyard			8,000 sf
TOTAL			16,300 sf

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	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
ST	STORM LINE	ASPHALT
S	SEWER LINE	
G	GAS LINE	
UE	UNDERGROUND ELECTRIC	
ST	NEW STORM SEWER	
RD	NEW ROOF DRAIN	
W	NEW SANITARY SEWER LATERAL	
W	NEW WATER SERVICE	

ZONING INFORMATION

MU-CU MIXED-USE COMMUNITY URBAN
MIN. LOT WIDTH 20 FEET
MAX. FRONT YARD 10 FEET
MIN. SIDE YARD NONE
MIN. REAR YARD 0 FEET
MAX. LOT COVERAGE 90%

ZONING INFORMATION ADOPTED FROM: CITY OF ALBANY, N.Y. ADOPTED USDO ZONING REPORT

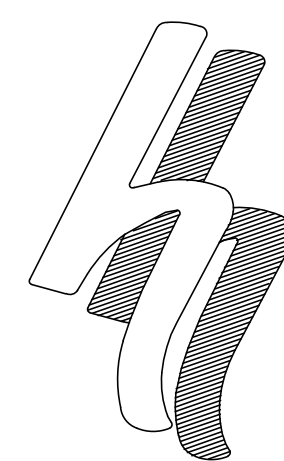
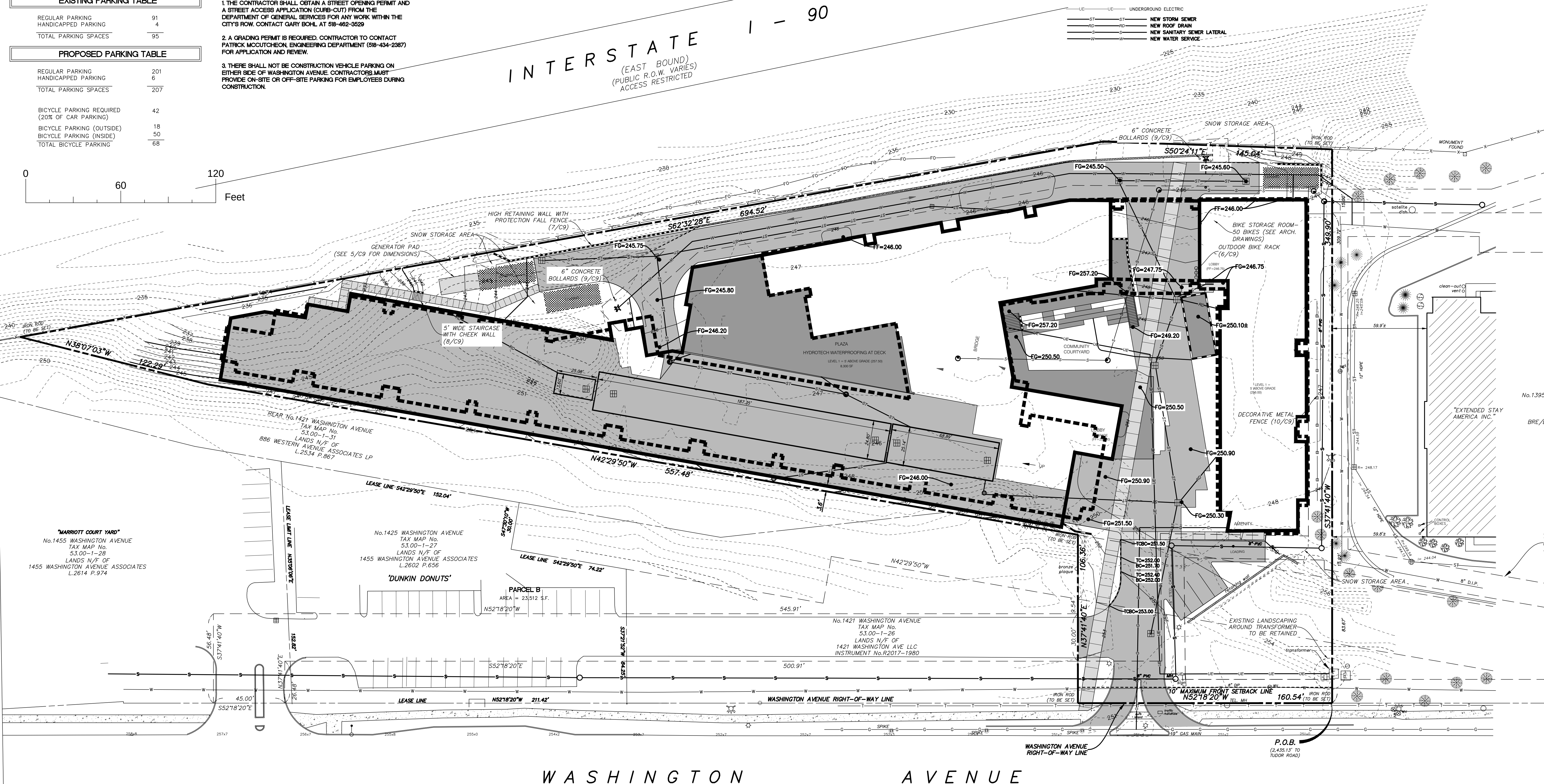
EXISTING PARKING TABLE

REGULAR PARKING	91
HANDICAPPED PARKING	4
TOTAL PARKING SPACES	95

PROPOSED PARKING TABLE

REGULAR PARKING	201
HANDICAPPED PARKING	6
TOTAL PARKING SPACES	207

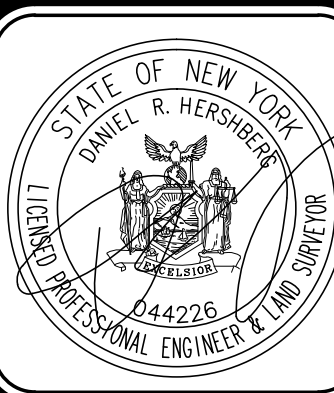
BICYCLE PARKING REQUIRED (20% OF CAR PARKING)	42
BICYCLE PARKING (OUTSIDE)	18
BICYCLE PARKING (INSIDE)	50
TOTAL BICYCLE PARKING	68



HERSHBERG & HERSHBERG
Consulting Engineers and Land Surveyors

18 Locust Street
Albany, New York 12203

ALTERATION OF THIS DOCUMENT EXCEPT BY A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR, IS ILLEGAL

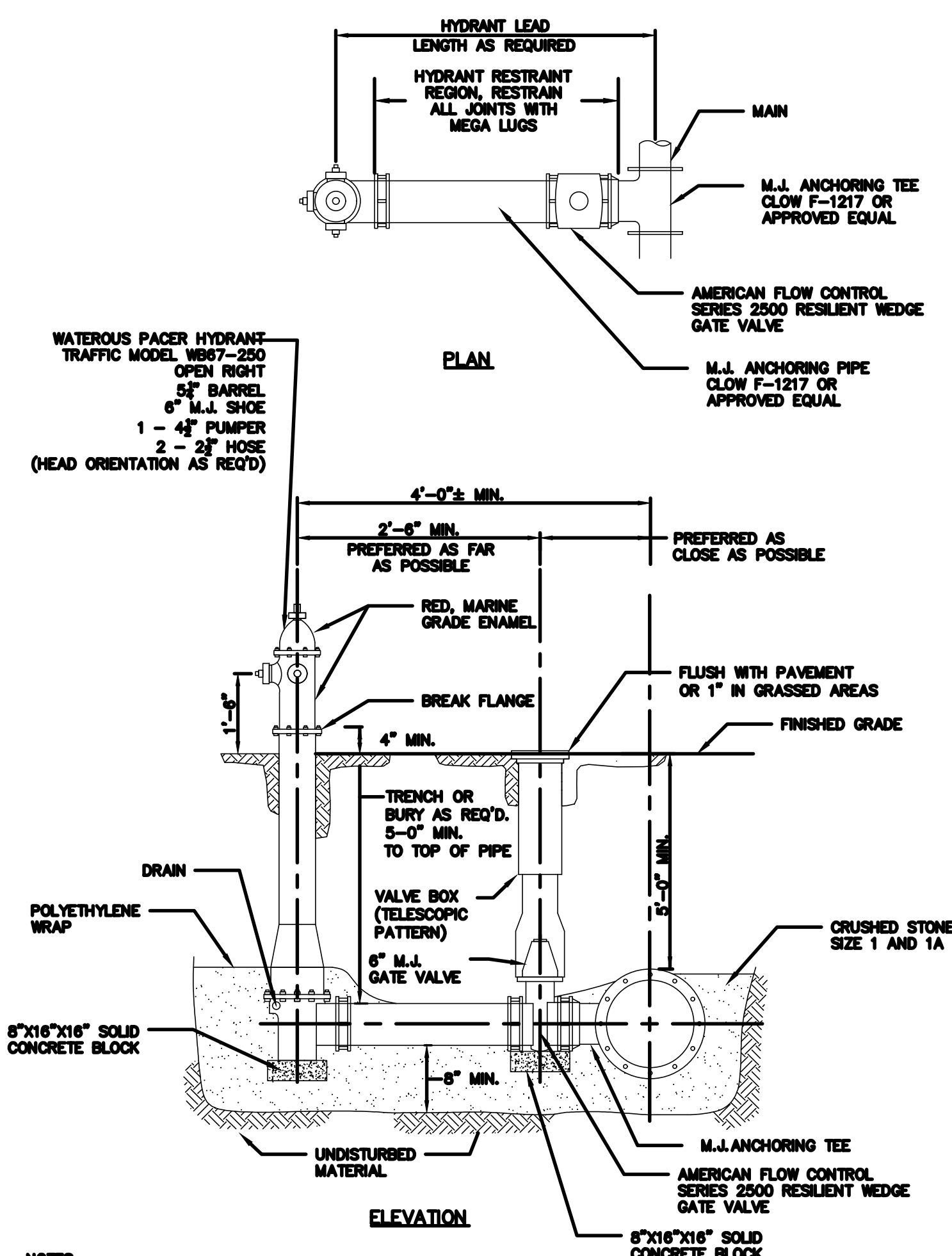
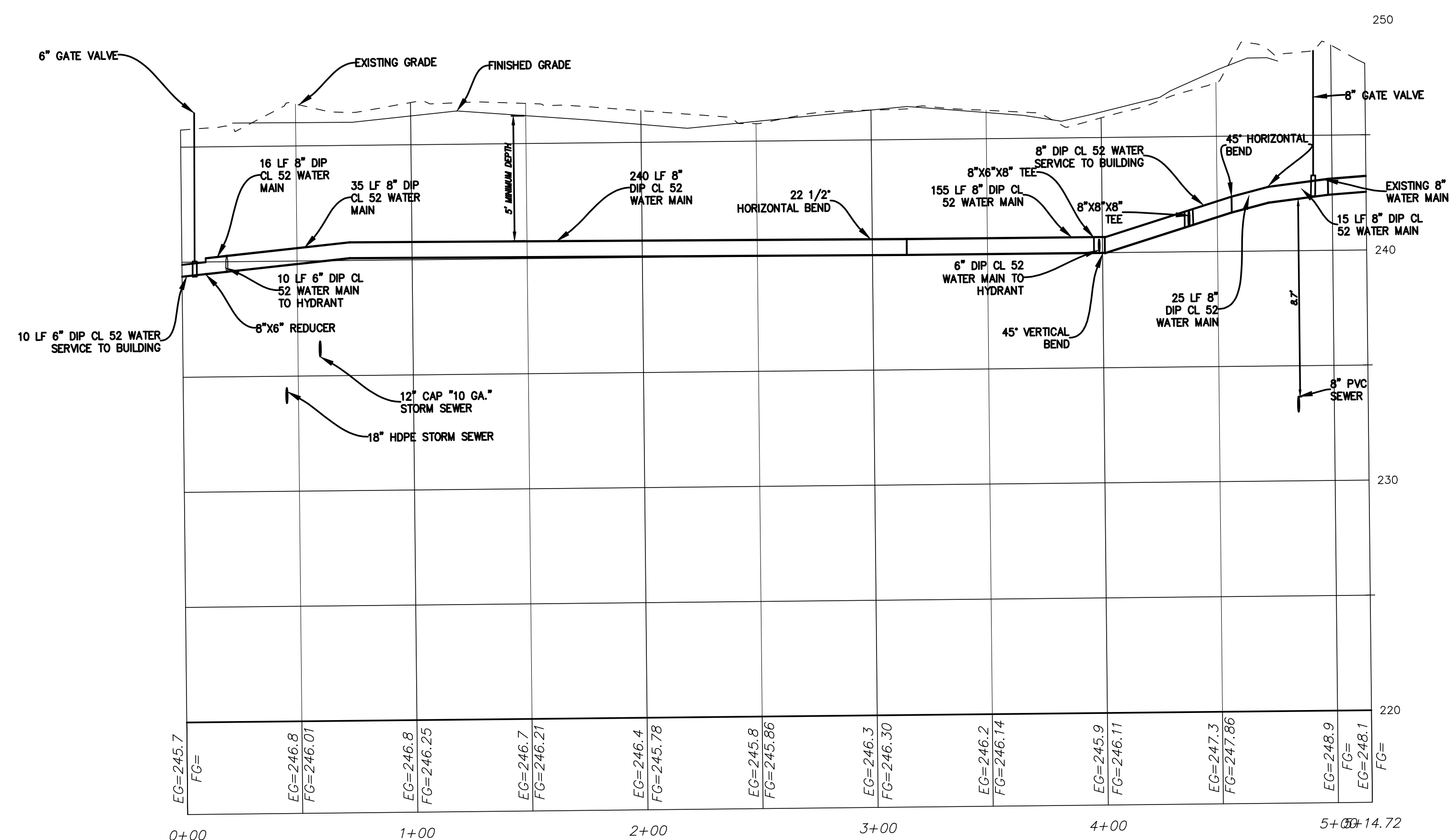
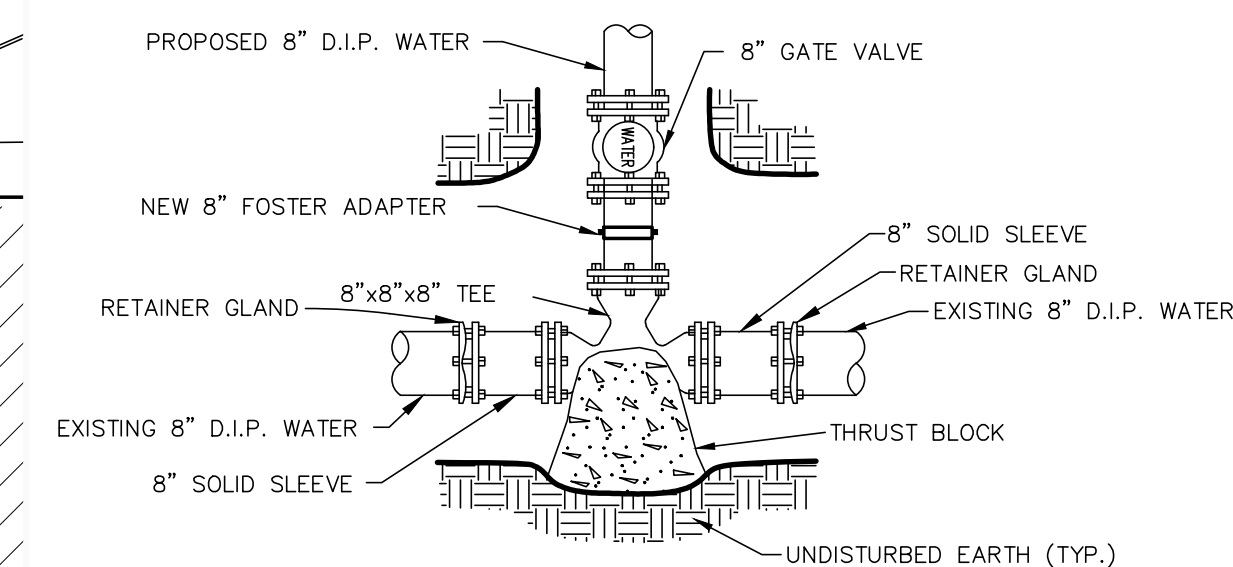
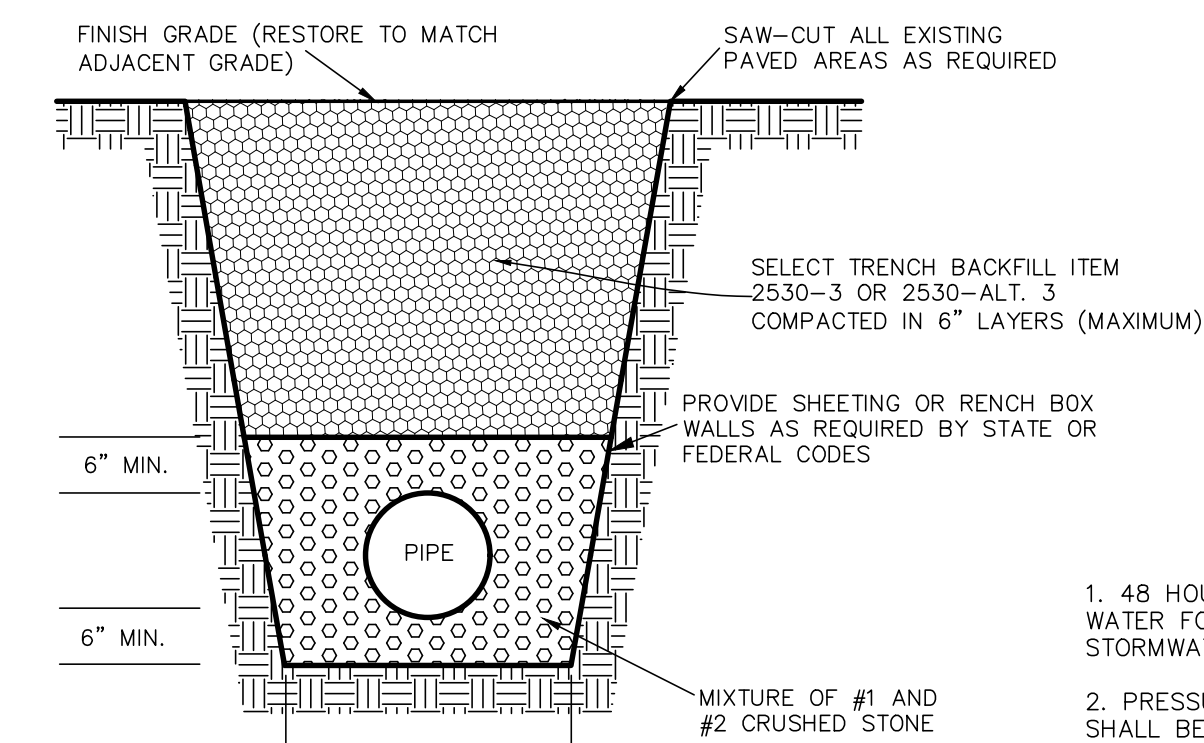
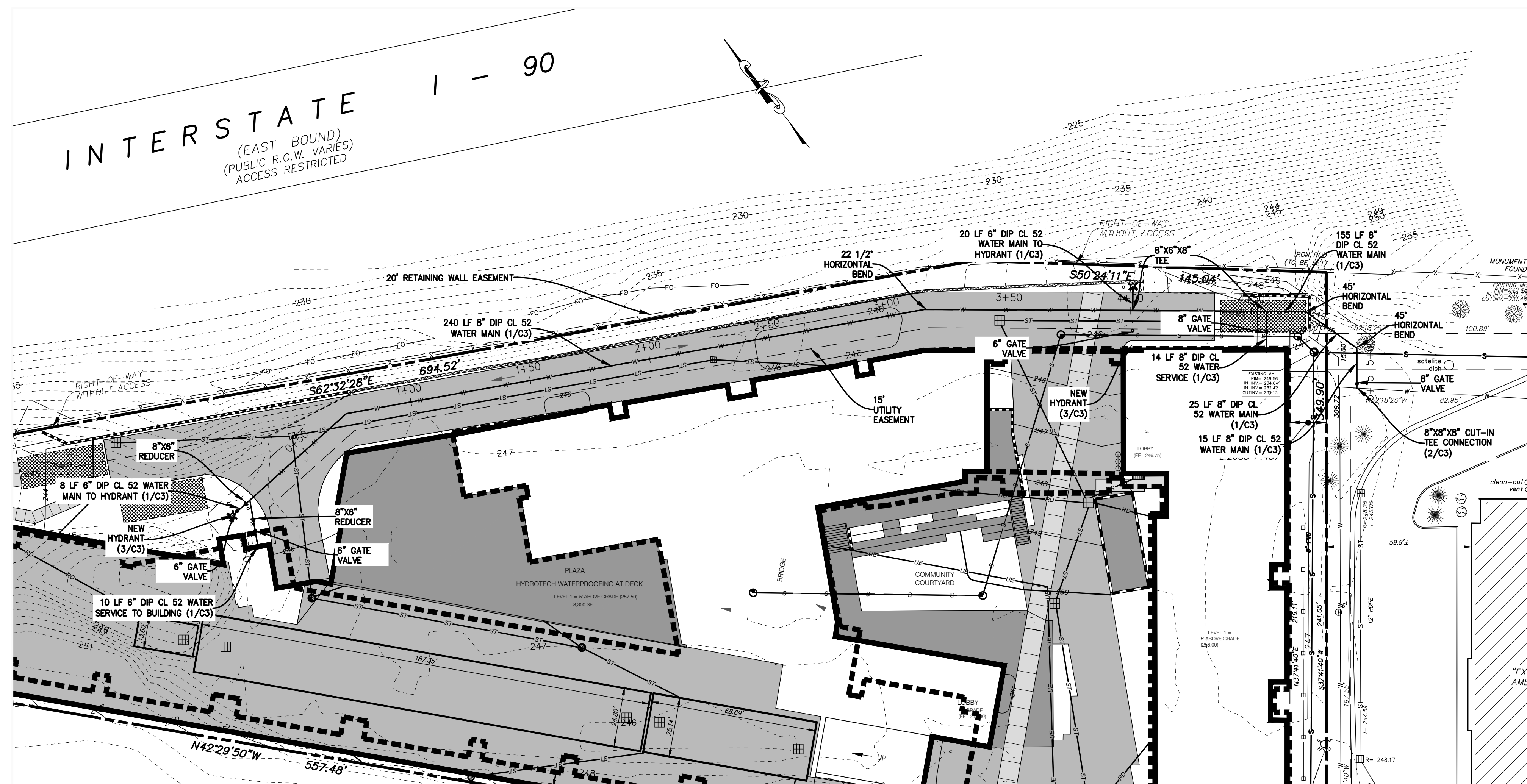


DATE	8/11/2020
REMARKS	GENERAL
FULL SET OF PLANS	10/16/20
RESPONSE REVISIONS	12/30/20
GENERAL REVISIONS	1/26/21
REVISIONS	

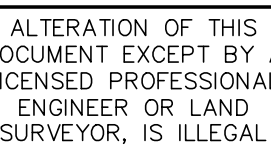
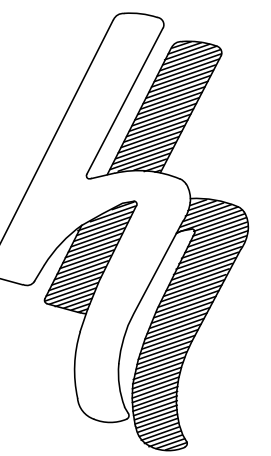
SITE PLAN
1415 WASHINGTON AVENUE
CITY OF ALBANY
COUNTY OF ALBANY, STATE OF NEW YORK

FILE: 200015
SCALE: AS NOTED
BY: MM
CHK: DRH
DATE: 1/24/2020

C2/16

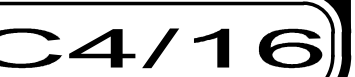
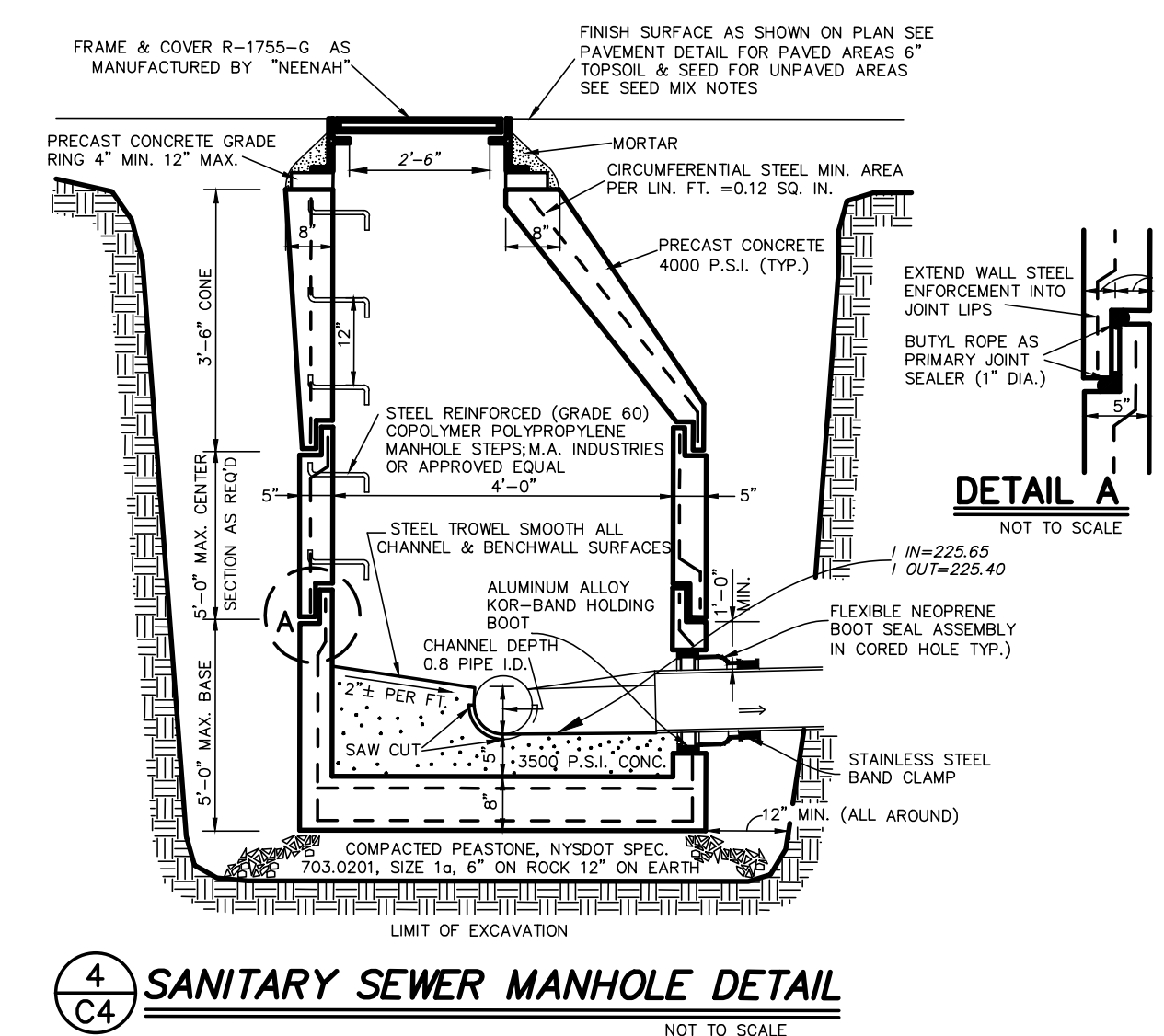


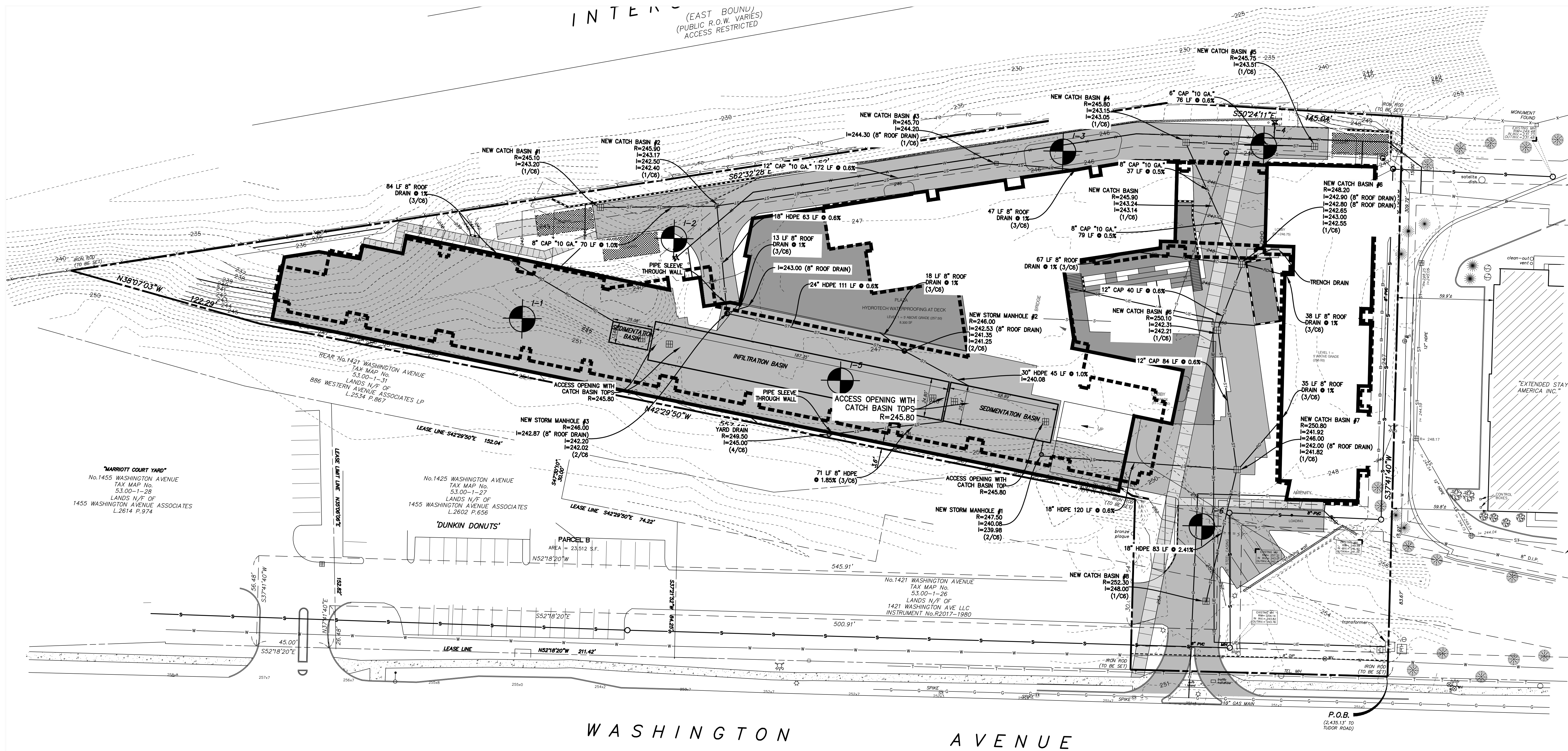
1. 48 HOURS NOTICE MUST BE GIVEN TO DEPARTMENT OF WATER FOR INSPECTIONS FOR THE SANITARY, WATER AND STORMWATER UTILITIES.
2. PRESSURE AND LEAKAGE TESTING OF THE WATER MAIN SHALL BE WITNESSED BY DEPARTMENT STAFF AND ACCEPTABLE BACTERIOLOGICAL TEST MUST BE SUBMITTED AND ACCEPTED BY THE DEPARTMENT PRIOR TO FINAL OF THE NEW WATER MAIN.
3. PRIOR TO USE, ALL WATER LINES MUST BE CHLORINATED AND HAVE A BACTERIOLOGICAL TEST PERFORMED IN ACCORDANCE WITH CITY OF ALBANY STANDARDS.
4. PRESSURE AND LEAKAGE TESTING OF THE WATER MAIN SHALL BE WITNESSED BY DEPARTMENT STAFF.
5. PRIOR TO USE ALL WATER LINES MUST BE CHLORINATED AND HAVE A BACTERIOLOGICAL TEST PERFORMED IN ACCORDANCE WITH AWWA C651-14 CONTINUOUS FEED METHOD AND CITY OF ALBANY STANDARDS.
6. 48 HOURS NOTICE MUST BE GIVEN TO THE DEPARTMENT OF WATER FOR INSPECTIONS.



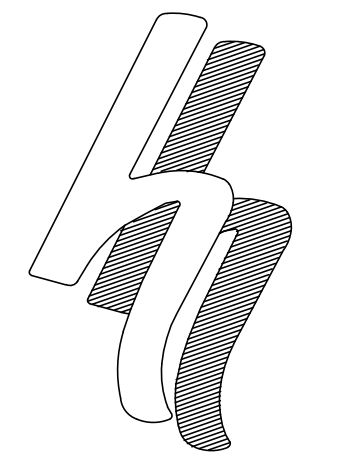
REVISIONS	
GENERAL	8/11/2020
FULL SET OF PLANS	10/16/20
RESPONSE REVISIONS	12/30/20

WATER MAIN PLAN/PROFILE AND DETAILS
1415 WASHINGTON AVENUE
CITY OF ALBANY
COUNTY OF ALBANY, STATE OF NEW YORK





INFILTRATION TEST RESULTS	
TEST PIT NUMBER	AVERAGE INFILTRATION RATE (INCHES/HOUR)
I-1	24.0
I-2	17.5
I-3	10.8
I-4	17.0
I-5	12.3
I-6	10.2



HERSHBERG & HERSHBERG

Consulting Engineers and Land Surveyors

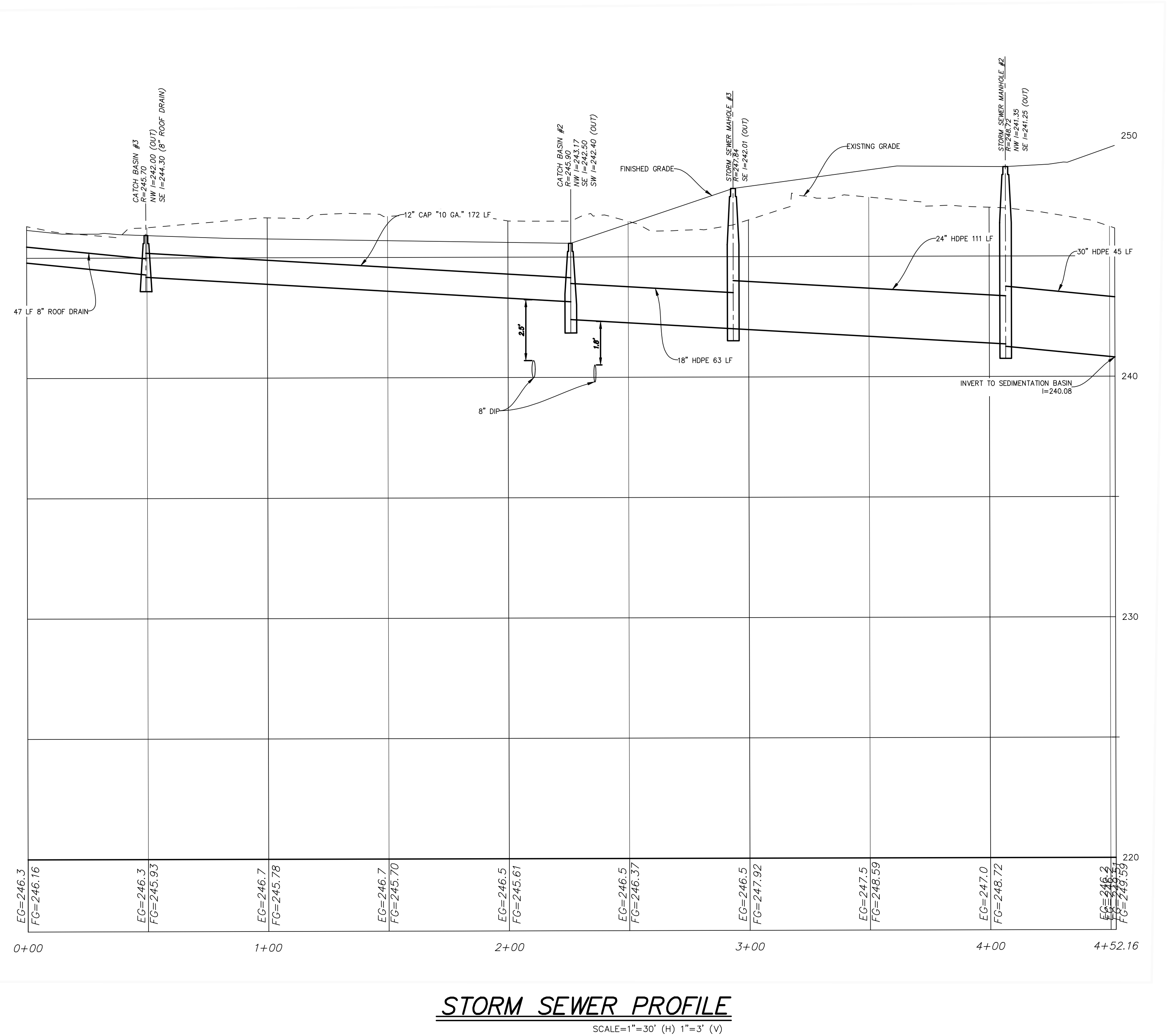
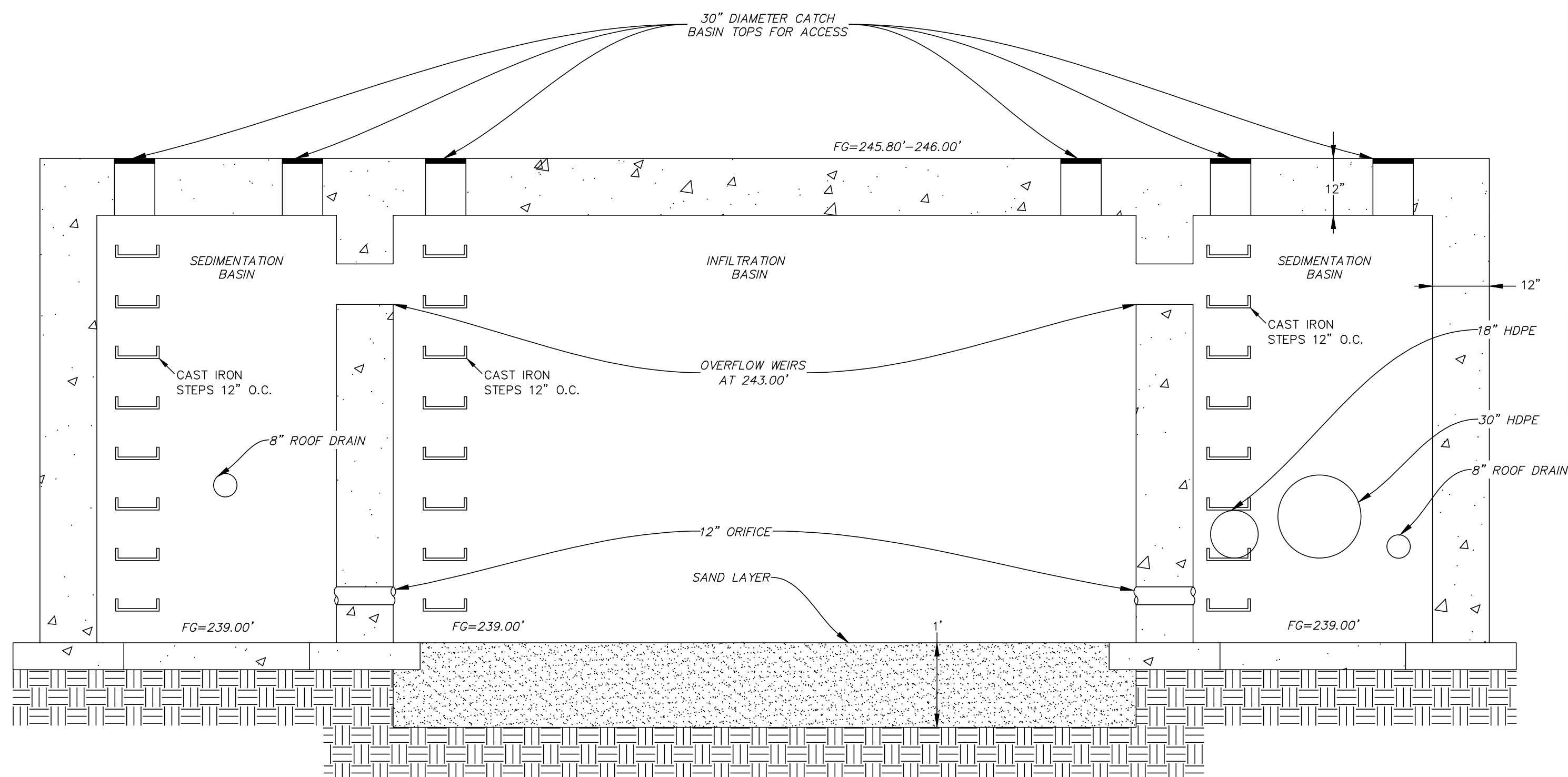
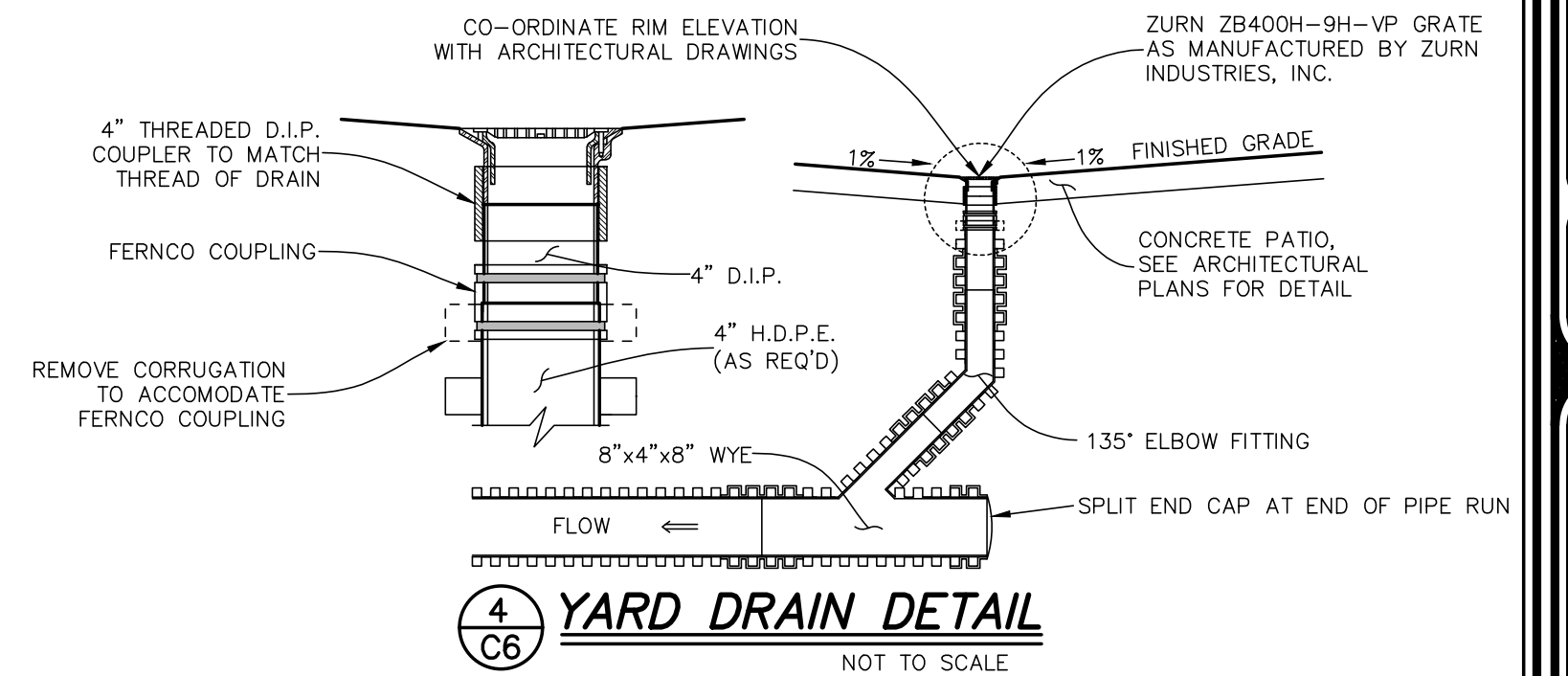
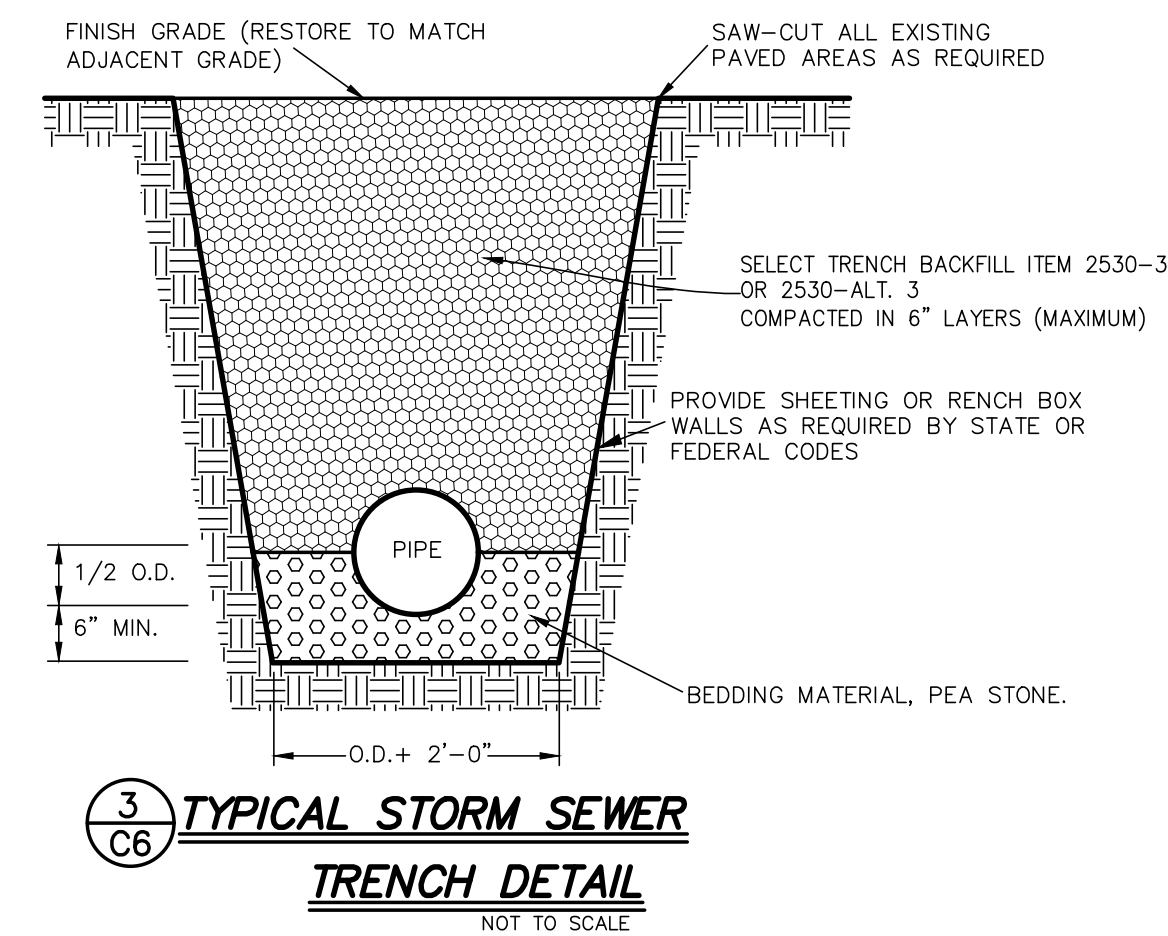
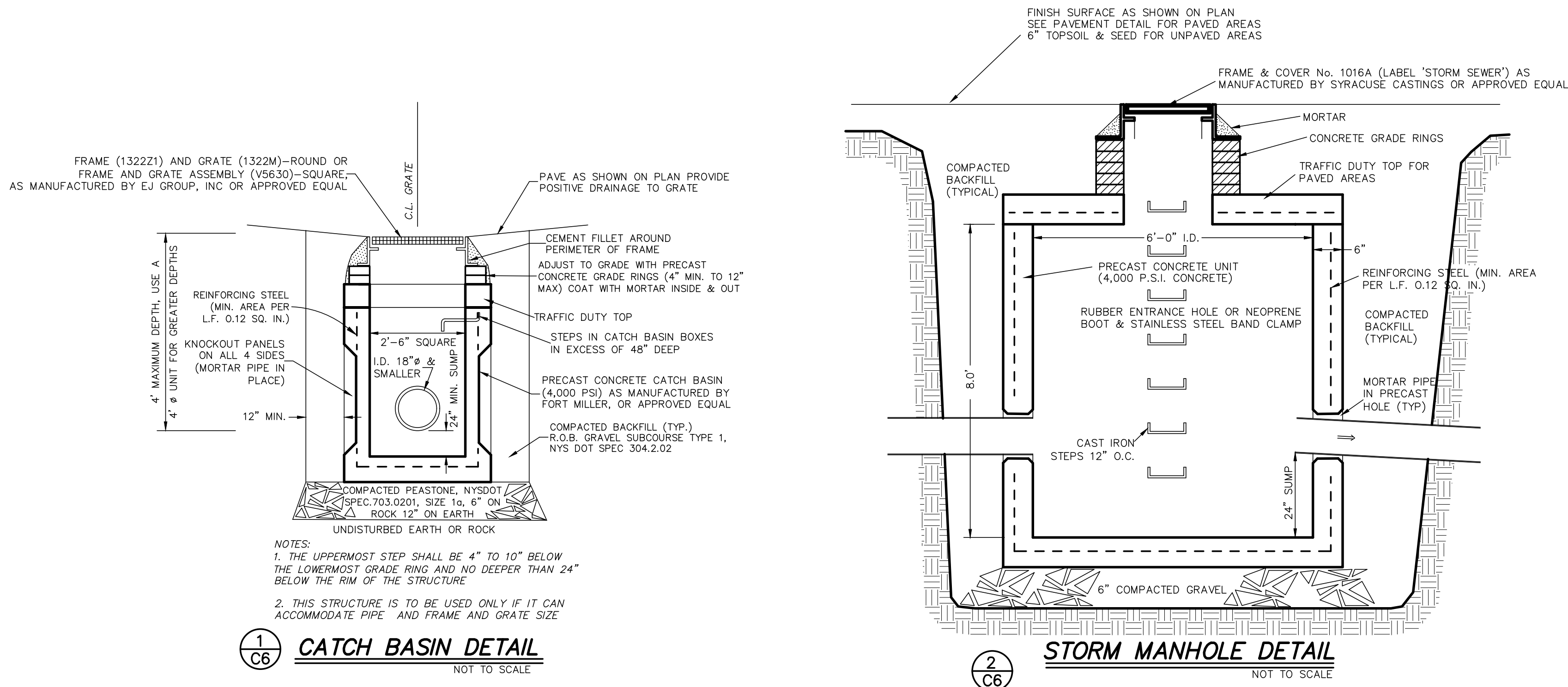
18 Locust Street
Albany, New York 12203

ALTERATION OF THIS DOCUMENT EXCEPT BY A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR, IS ILLEGAL



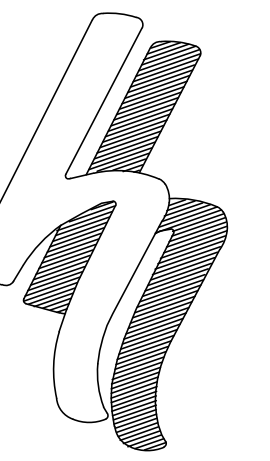
DATE	REMARKS
8/11/2020	GENERAL
10/16/20	FULL SET OF PLANS
12/30/20	RESPONSE REVISIONS
REVISIONS	

STORM WATER POLLUTION PREVENTION PLAN
1415 WASHINGTON AVENUE
CITY OF ALBANY
COUNTY OF ALBANY, STATE OF NEW YORK



NOTE:

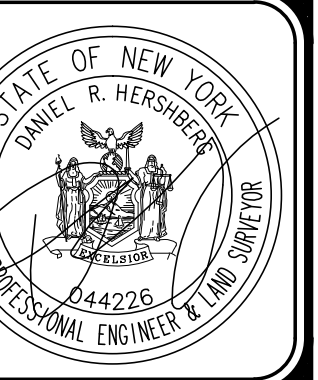
1. SUBMIT SHOP DRAWINGS STAMPED BY A NYS LICENSED ENGINEER SHOWING DETAILS OF CONCRETE SLAB, WALLS, AND FOOTINGS.



HERSHBERG & HERSHBERG
Consulting Engineers and Land Surveyors

18 Locust Street
Albany, New York 12203

ALTERATION OF THIS DOCUMENT EXCEPT BY A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR, IS ILLEGAL



DATE	8/11/2020
REMARKS	GENERAL
REVISIONS	FULL SET OF PLANS
REVISIONS	RESPONSE REVISIONS
REVISIONS	
REVISIONS	
REVISIONS	

SWPPP PLAN AND DETAILS
1415 WASHINGTON AVENUE
CITY OF ALBANY, STATE OF NEW YORK
COUNTY OF ALBANY, STATE OF NEW YORK

SCALE: AS NOTED
DATE: 1/24/2020
CHK: DRH
BY: MM
FILE: 200015

C6/16

EROSION AND SEDIMENT CONTROL NOTES

1. THIS PROJECT IS AUTHORIZED UNDER NYSDEC SPDES GENERAL PERMIT GP-0-0-20-001.
2. 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 GP-0-0-20-001, 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.
3. 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.
4. THE CONTRACTOR SHALL MAINTAIN A CLEAN CONSTRUCTION AND EQUIPMENT ENTRANCE WHENEVER PRACTICABLE.
5. DISTURBED AREAS SHALL BE STABILIZED WITHIN 14 DAYS OF COMPLETION OR SUSPENSION OF GRADING OPERATIONS.
6. 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 4-58.

WATER MANAGEMENT PRACTICES MUST BE INSTALLED AS APPROPRIATE FOR SITE CONDITIONS. THE AREA MUST BE ROUGH GRADED AND SLOPES PHYSICALLY STABLE. LARGE DEBRIS AND ROCKS ARE USUALLY REMOVED. SEEDING MUST BE SEEDING WITHIN 24 HOURS OF DISTURBANCE OR SCARRIFICATION 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 "AROGSTOCK" 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 4-61.

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 4-8 PEGS PER BLOCK TO WITHIN 2" TO 3" OF SOIL SURFACE. SECURE MULCH TO SURFACE BY STRETCHING TWINE BETWEEN PEGS IN CROSS-DROSS PATTERN ON SECURE TWINE AROUND EACH PEG WITH 2 OR MORE TIGHT TURNS. DRIVE PEGS FLUSH WITH SOIL. DRIVING STAKES INTO GROUND TURNS 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.
7. INSTALL PERMANENT RIP-RAP AT ALL PIPE END SECTIONS AT TIME OF INSTALLATION OF PIPE.		
8. DURING EXCAVATION OF TEMPORARY SEDIMENT BASIN, FIELD VERIFY A MINIMUM OF 2' SEPARATION DISTANCE FROM GROUND WATER ELEVATION TO SURFACE SAND FILTERS WITH AN IMPERMEABLE BOTTOM AND 3' WITH A PERMEABLE BOTTOM. NOTIFY ENGINEER IMMEDIATELY IF THESE MINIMUM SEPARATION REQUIREMENTS DO NOT EXIST FOR ALTERNATE MEANS OF STORMWATER POLLUTION PREVENTION.		
9. SEE REMINDER OF PLANS FOR PERMANENT IMPROVEMENTS. PERMANENT IMPROVEMENTS SHOWN ON THIS PLAN ARE FOR REFERENCE ONLY.		
10. 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 BASINS.		

WINTER CONDITIONS ITEMS TO BE ADDRESSED

1. 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.
2. 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.
3. 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.
4. Where equipment or vehicles are traversing the bottom of the excavation, establish paths using 6" of broken stone.
5. 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 (Filtrex, Erosion eel or equal).
6. If work is to cease for more than 3 days, stabilize all disturbed soils.

CONSTRUCTION SEQUENCING AND SEDIMENTATION AND EROSION CONTROL DURING CONSTRUCTION

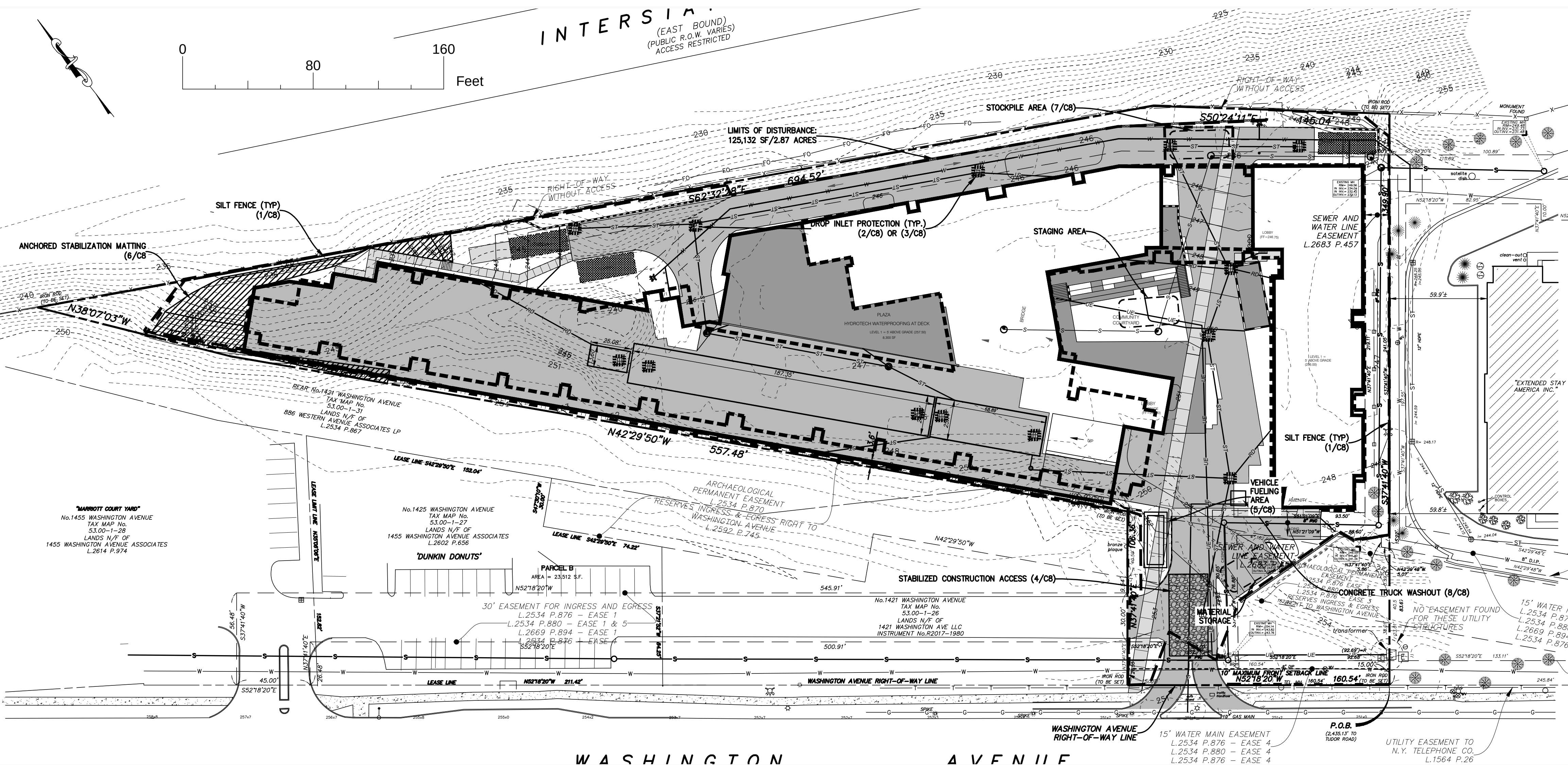
- ✓ THE EXISTING PAVEMENT MUST BE KEPT SWEEP CLEAN TO AVOID TRACKING MATERIALS ONTO ANY STREETS. CONTINUOUSLY FROM INCEPTION TO COMPLETION OF STABILIZATION OR FILING OF NOTICE OF TERMINATION.
- ✓ MAINTAIN THIS AREA CLEAN OF DEBRIS AND VERIFY CONDITION AND SAFETY OF STORAGE OF MATERIALS LISTED BELOW. REQUIRES DAILY INSPECTION. CONTINUOUSLY FROM INCEPTION TO FILING OF NOTICE OF TERMINATION.
- ✓ ANY CONSTRUCTION MATERIALS, CHEMICALS OR CONSTRUCTION DEBRIS MUST BE STORED IN SEALED RECEPTACLES, TRAILERS OR BUILDINGS. ANY STORAGE PILES OF MATERIALS MEANT FOR INSTALLATION (I.E., SAND, ETC.) MUST BE SURROUNDED BY SEDIMENTATION FENCE. THE LIST OF ANTICIPATED MATERIALS STORED ON SITE DURING CONSTRUCTION IS PROVIDED BELOW AND MUST BE UPDATED IF ANY ADDITIONAL MATERIALS ARE UTILIZED. CONTINUOUSLY FROM INCEPTION TO FILING OF NOTICE OF TERMINATION.
 - o SELECT FILL
 - o CONCRETE STRUCTURES
 - o PIPES
 - o PIPE SOLVENTS
 - o CONCRETE FOR BUILDING
 - o ROOFING MATERIALS FOR BUILDING
 - o METAL MATERIALS FOR BUILDING
 - o BUILDING MATERIALS FOR BUILDING
- ✓ MSDS SHEETS MUST BE AVAILABLE ON SITE FOR ALL MATERIALS USED OR IMPORTED TO THE SITE. CONTINUOUSLY FROM INCEPTION TO FILING OF NOTICE OF TERMINATION.
- ✓ ANY CHEMICAL SPILLS MUST BE CONTAINED IMMEDIATELY ON SITE AND REPORTED TO NYSDEC. CONTINUOUSLY FROM INCEPTION TO FILING OF NOTICE OF TERMINATION.

- ✓ OIL AND GREASE SPILLS FROM EQUIPMENT SHALL BE TREATED IMMEDIATELY. CONTINUOUSLY FROM INCEPTION TO FILING OF NOTICE OF TERMINATION.
- ✓ COMMENCE INSTALLATION OF THE TEMPORARY SEDIMENT TRAP AND INTERCEPTION SWALE PRIOR TO PLACEMENT OF SLAB.
- ✓ CLEAN INTERCEPTION SWALE AND SEDIMENT TRAP AS REQUIRED. CONTINUOUSLY FROM INSTALLATION UNTIL FILING OF NOTICE OF TERMINATION.
- ✓ PERFORM DEEP RIPPING AND DECOMPACTION AS NECESSARY. PRIOR TO INSTALLATION OF PIPE GALLERY FOR INFILTRATION. DELAY THIS STEP TILL IMMEDIATELY BEFORE THE RECHARGE GALLERY IS INSTALLED. THIS STEP MUST BE OBSERVED BY THE DESIGN ENGINEER. SEE ATTACHMENT NO. 8.
- ✓ INSTALL RECHARGE GALLERY WHEN STAGING OR ADDITIONAL ACTIVITIES ARE NO LONGER REQUIRED IN THESE AREAS. ABANDON TEMPORARY SEDIMENT TRAP AND ANY TEMPORARY SWALES. CONNECT ROOF DRAINAGE TO RECHARGE BASIN. RESTORE TRENCHES. WHEN APPROPRIATE.
- ✓ RESTORE PAVEMENT AND LAWNS. PRIOR TO FILING OF NOTICE OF TERMINATION.
- ✓ CLEAN THE RECHARGE GALLERY STRUCTURE OF ANY ACCUMULATED SILT. PRIOR TO FILING OF NOTICE OF TERMINATION.
- ✓ FINE GRADE LANDSCAPE BEDS. PRIOR TO FILING OF NOTICE OF TERMINATION.
- ✓ PLACE LANDSCAPE MATERIALS. PRIOR TO FILING OF NOTICE OF TERMINATION.
- ✓ SEED AND MULCH. PRIOR TO FILING OF NOTICE OF TERMINATION.
- ✓ OBTAIN APPROVAL ON NOTICE OF TERMINATION FROM MS4 COORDINATOR AFTER SITE HAS ACHIEVED >80% GRASS COVER. PRIOR TO FILING OF NOTICE OF TERMINATION.
- ✓ FILE NOTICE OF TERMINATION.

TEMPORARY EROSION AND SEDIMENT CONTROL NOTES

1. EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED IN ACCORDANCE WITH THE JULY 2016 NEW YORK STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL. (aka: THE BLUE BOOK) EROSION CONTROL DEVICES SHALL BE INSTALLED PRIOR TO ANY CONSTRUCTION ACTIVITIES.
2. 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.
3. THE DEVELOPER/CONTRACTOR OR HIS BUILDER SHALL INSPECT AND MAINTAIN EROSION CONTROL MEASURES WEEKLY AND AFTER EACH RAINFALL EVENT THROUGH THE ENTIRE DEVELOPMENT PROCESS. TO ASSURE PROPER FUNCTION, SITUATION 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 SEEDD AREAS AS NEEDED UNTIL GRASS COVER IS WELL ESTABLISHED. DURING THESE PERIODIC INSPECTIONS, THE FOLLOWING ITEMS SHOULD BE PAID PARTICULAR ATTENTION:
 - A. THE BASIN INLET LOCATIONS SHALL BE INSPECTED FOR SILT ACCUMULATION CAUSED BY THE LACK OF ESTABLISHED SURROUNDING VEGETATION.
 - B. CATCH BASINS SHALL BE CHECKED FOR SEDIMENT ACCUMULATION.
 - C. RIP-RAP OUTLET PROTECTION SHALL ALSO BE CHECKED FOR SEDIMENT ACCUMULATION. IF SIGNIFICANT AMOUNTS OF SEDIMENT ACCUMULATE, RIP-RAP SHALL BE REMOVED AND REPLACED.
 - D. STONE CHECK DAMS AND SILT FENCING SHALL BE INSPECTED REGULARLY FOR UNDERMINING AND DETEIORATION.
 - E. SEEDING/WHICH AREAS SHALL BE INSPECTED REGULARLY TO SEE THAT A GOOD STAND IS MAINTAINED. AREAS SHALL BE REPAIRED AS NECESSARY.

4. EROSION CONTROL DEVICES SHALL NOT BE REMOVED UNTIL THE ENGINEER HAS APPROVED FINAL STABILIZATION.
5. STONE CHECK DAMS AND SILT FENCE SHALL BE INSTALLED IN ACCORDANCE WITH PLAN AND DETAIL LOCATIONS AND AS DESCRIBED IN GP-0-20-001.
6. PRIOR TO CONSTRUCTION OF ANY PHASE, THE STABILIZED CONSTRUCTION ENTRANCES SHALL BE INSTALLED.
7. CONSTRUCTION TRAFFIC SHALL NOT CROSS STREAMS OR DITCHES EXCEPT AT SUITABLE CROSSING FACILITIES. EQUIPMENT SHALL NOT OPERATE, UNNECESSARILY, IN ADJACENT ROADWAYS ROADWAY AREAS AS DIRECTED BY THE ENGINEER.
8. EXISTING PAVEMENT AREAS SHALL BE CLEANED AT THE DIRECTION OF THE ENGINEER.
9. WATER TRUCKS SHALL BE USED TO MINIMIZE DUST POLLUTION ON SITE, AND ON ADJACENT ROADWAYS ROADWAY AREAS AS DIRECTED BY THE ENGINEER.
10. ANY WATER PUMPED AS A RESULT OF DEWATERING ACTIVITIES SHALL BE PUMPED INTO A DEWATERING PIT.
11. CONCRETE WASHOUT AREAS SHALL BE DESIGNATED BY THE DESIGN ENGINEER AND PROTECTED IN ACCORDANCE WITH GP-0-20-001.
12. ALL AREAS DISTURBED IN THE CONSTRUCTION PROCESS SHALL BE RE-SEEDD AS SOON AS PRACTICABLE. PARTICULAR CARE SHALL BE TAKEN TO RE-SEED DISTURBED SLOPES IN A TIMELY MANNER.
13. 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.
14. STOCK PILES SHALL BE PROTECTED BY A SEDIMENT CONTROL FENCE OR TEMPORARY SEDIMENT CONTROL TRENCH PER GP-0-20-001. THESE FENCES/TRENCHES SHALL BE MAINTAINED IN GOOD CONDITION UNTIL SAID STOCK PILES ARE REMOVED AND STOCK PILING AREAS ARE PERMANENTLY STABILIZED.
15. STOCK PILES SHALL BE SEEDD UPON SUSPENSION OF WORK OR IF MATERIAL IS NOT TO BE USED WITHIN 14 DAYS, IN ACCORDANCE WITH GP-0-20-001.
16. IN NO CASE SHALL ERODIBLE MATERIALS BE STOCKPILED WITHIN 25 FEET OF ANY DITCH, STREAM OR OTHER SURFACE WATER BODY.
17. SILT FENCING SHALL BE INSTALLED AT THE DOWN GRADIENT PERIMETERS OF ALL SLOPES TO BE GRADED, PRIOR TO GRADING OPERATIONS.
18. SEDIMENT STILLING BASINS SHALL BE UTILIZED TO PREVENT OFF SITE EROSION.
19. THE STORMWATER DETENTION PONDS AND CUT-OFF SWALES SHALL BE COMPLETED PRIOR TO CONSTRUCTION OF ADJACENT AREAS.
20. WHERE NECESSARY, TEMPORARY GRADING WILL BE REQUIRED TO ROUTE STORMWATER TO CUT OFF SWALES AND DETENTION PONDS.
21. UPON INSTALLATION OF ANY CATCH BASIN, INSTALL EXCAVATED DROP INLET PROTECTION. THIS SHALL REMAIN UNTIL THE DRAINAGE AREA IS STABILIZED.
22. PRIOR TO ANY CONSTRUCTION ALL FEDERAL JURISDICTIONAL WETLANDS SHALL BE FIELD LOCATED AND DELINEATED WITH SILT FENCING AND ORANGE CONSTRUCTION FENCE. THE ORANGE FENCING SHALL BE INSTALLED AT THE ESTABLISHED WETLAND BUFFER LINE, AND THE SILT FENCE SHALL BE LOCATED BETWEEN THE BUFFER AND THE JOB SITE.
23. CLEARING OPERATIONS SHALL BE LIMITED TO ACTIVE WORK AREAS.
24. CARE SHALL BE TAKEN TO PRESERVE AS MUCH EXISTING VEGETATION AS POSSIBLE AND HEALTHY TREES OF DESIRABLE SPECIES SHALL BE PROTECTED.
25. RIP-RAP OUTLET PROTECTION: RIP-RAP SHALL BE PROVIDED AT CULVERT LOCATIONS AS INDICATED ON THESE DRAWINGS. THE RIP-RAP SHALL PROTECT SIDE SLOPES FROM EROSION, AND SHALL BE ESTABLISHED AS THE CULVERT IS INSTALLED.
26. STORM INLET PROTECTION: IMMEDIATELY FOLLOWING COMPLETION OF ANY AND ALL OF THE PROPOSED STORM DRAIN INLETS, STORM DRAIN INLET PROTECTION SHALL BE CONSTRUCTED. THIS PROTECTION SHALL FUNCTION TO PREVENT SEDIMENT ENTRANCE INTO THE STORM DRAINS. PROTECTION SHALL BE MAINTAINED IN GOOD CONDITION UNTIL THE DRAINAGE AREAS HAVE BEEN PERMANENTLY STABILIZED.
27. STONE CHECK DAMS SHALL BE PROVIDED AT ALL STORMWATER OUTLETS UNTIL VEGETATION HAS BEEN STABILIZED.
28. RECP (ROLLED EROSION CONTROL PRODUCT) SHALL BE JUTE OR EXCLOSUR MATTING. PROVIDE 4" MIN TOPSOIL AND SEED WITH KENTUCKY BLUEGRASS, CREEPING RED FESCUE AND PERENNIAL RYEGRASS AT A RATE OF 25, 20 AND 10 LBS PER ACRE RESPECTIVELY.
29. EROSION AND SEDIMENT CONTROL MEASURES SHALL INCLUDE A SWPPP MONITORING PROFESSIONAL AS WELL AS COORDINATION WITH MUNICIPALITY OFFICIALS IN ADDITION TO INSPECTION ROLES OF CONTRACTOR AND/OR SITE CONTRACTOR.

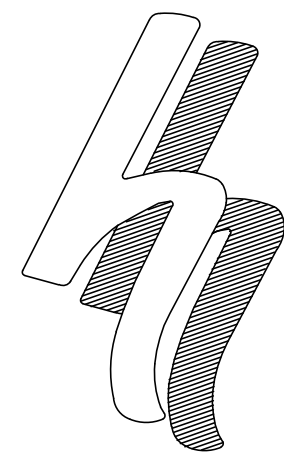


ESC LEGEND

- SILT FENCE
- LIMITS OF DISTURBANCE
- DROP INLET PROTECTION
- FUELING AREA
- STOCKPILE, STAGING, AND MATERIAL STORAGE AREA

WASHINGTON AVENUE EROSION AND SEDIMENT CONTROL PLAN

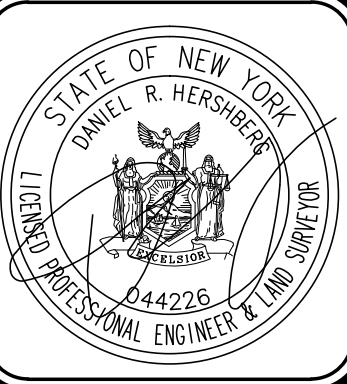
SCALE: 1"=40'



HERSHBERG & HERSHBERG
Consulting Engineers and Land Surveyors

18 Locust Street
Albany, New York 12203

ALTERATION OF THIS DOCUMENT EXCEPT BY A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR, IS ILLEGAL

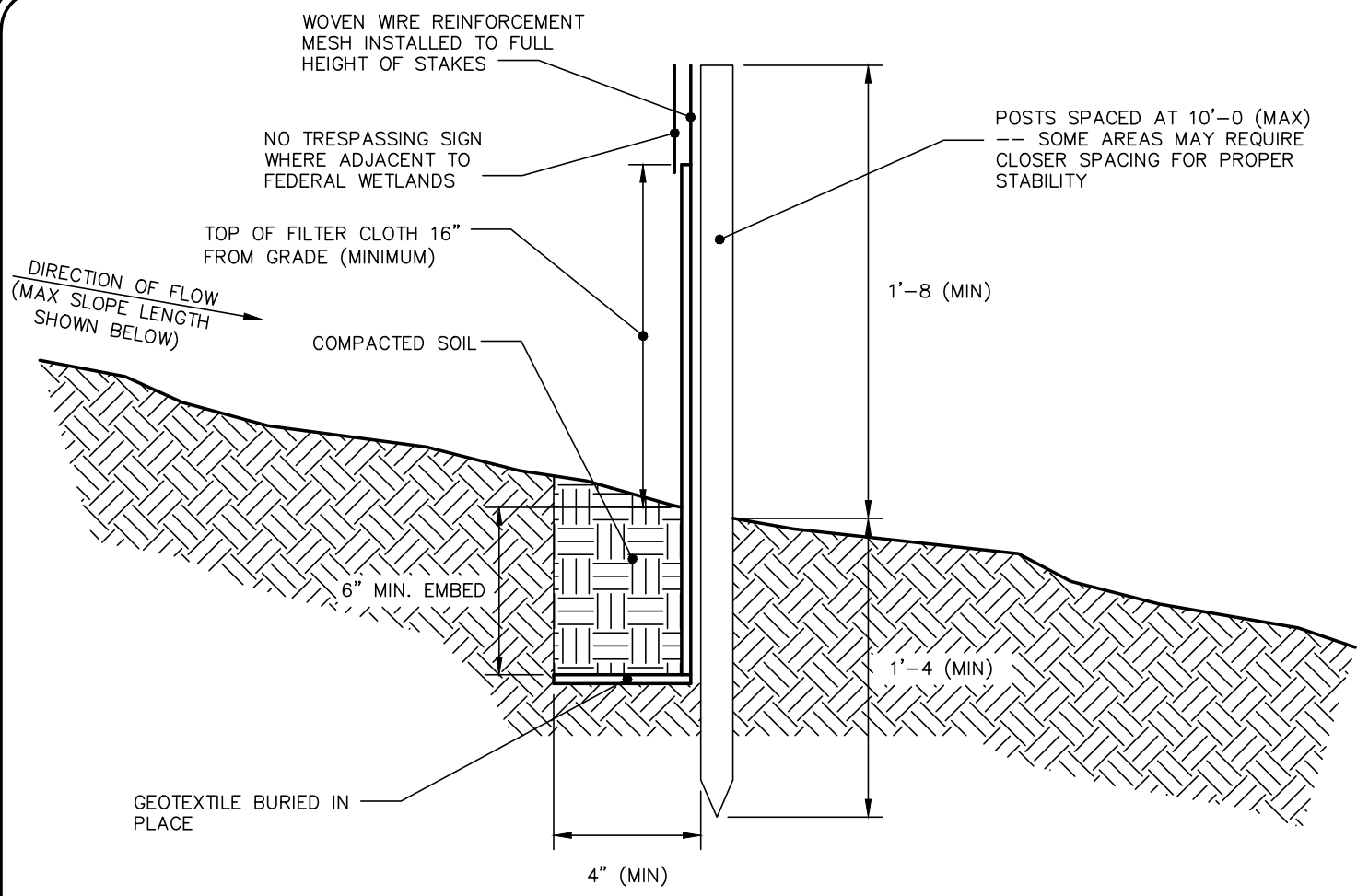


DATE	8/11/2020
REMARKS	GENERAL
REVISIONS	FULL SET OF PLANS RESPONSE REVISIONS

EROSION AND SEDIMENT CONTROL PLAN
1415 WASHINGTON AVENUE
CITY OF ALBANY, STATE OF NEW YORK
COUNTY OF ALBANY, STATE OF NEW YORK

200015-1.DWG
DATE: 1/24/2020
CHK: DRH
BY: MM
SCALE: AS NOTED
FILE: 200015

C7/16



MAXIMUM ALLOWABLE SLOPE LENGTH

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

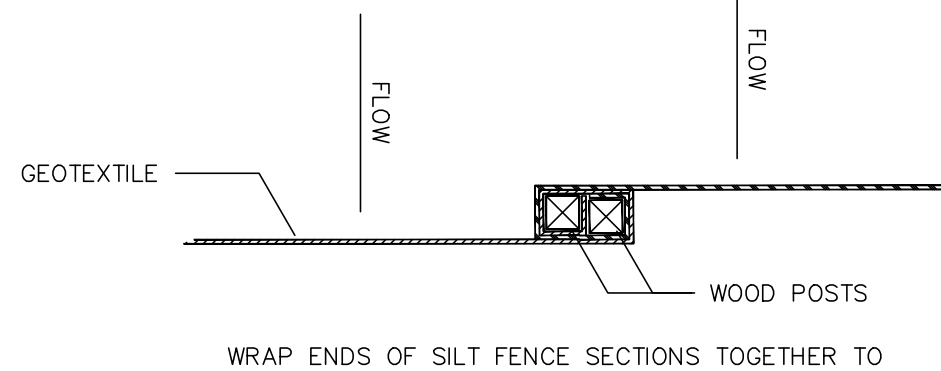
SLOPE STEEPNESS:	MAX. SLOPE LENGTH:
1:2	25 FT
1:3	50 FT
1:4	75 FT
1:5 OR FLATTER	100 FT

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 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.

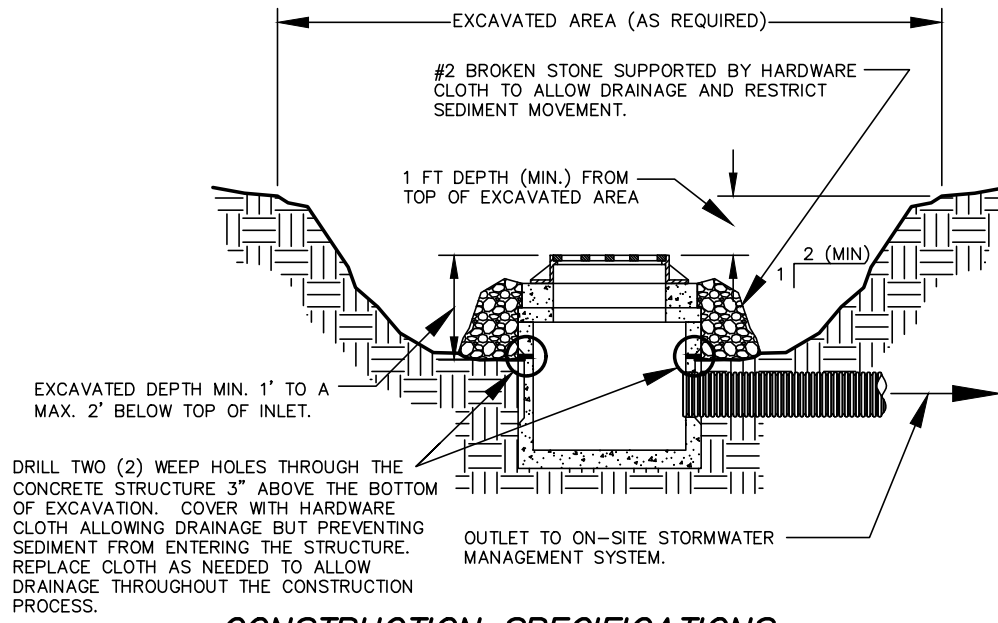
POSTS: STEEL EITHER "I" OR "U" TYPE OR 2" HARDWOOD
FENCE: WOVEN WIRE, 12 1/2 GA. 6" MAX. MESH OPENING
FILTER CLOTH: FILTER X, MIRAFI 100X, STABILINKA T140N OR APPROVED EQUAL.
PREFABRICATED UNIT: GEOFAB, ENVIROFENCE, OR APPROVED EQUAL.



SILT FENCE JOINT DETAIL

1 C8 SILT FENCE DETAIL

NOT TO SCALE



CONSTRUCTION SPECIFICATIONS:

- INSTALL INLET 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:

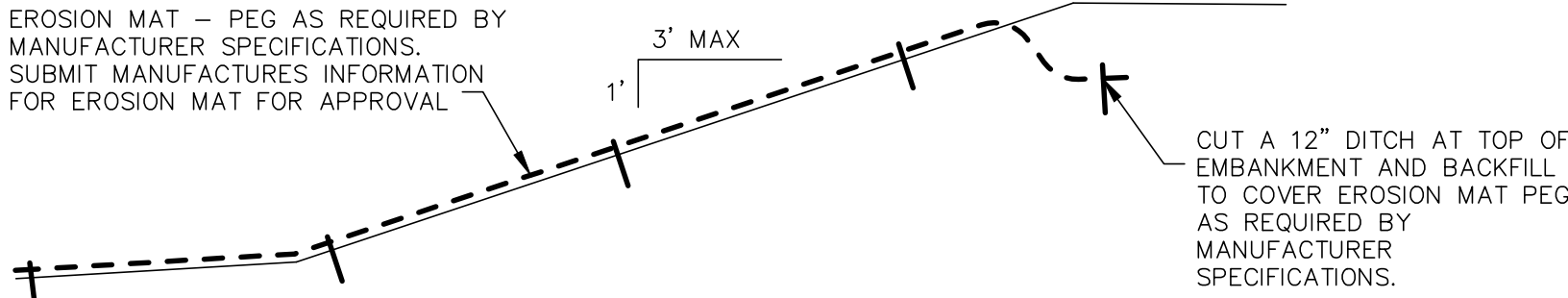
LIMIT THE DRAINAGE AREA TO THE INLET DEVICE TO ONE (1) ACRE. EXCAVATED SIDE SLOPES SHALL BE NO STEEPER THEN 2:1. THE MINIMUM DEPTH SHALL BE 1 FOOT AND THE MAXIMUM DEPTH 2 FEET AS MEASURED FROM THE CREST OF THE INLET STRUCTURE. SHAPE THE EXCAVATED BASIN TO FIT CONDITIONS WITH THE LONGEST DIMENSION ORIENTATED 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.

2 C8 EXCAVATED DROP INLET PROTECTION

NOT TO SCALE

EROSION MAT - PEG AS REQUIRED BY MANUFACTURER SPECIFICATIONS. SUBMIT MANUFACTURES INFORMATION FOR EROSION MAT FOR APPROVAL

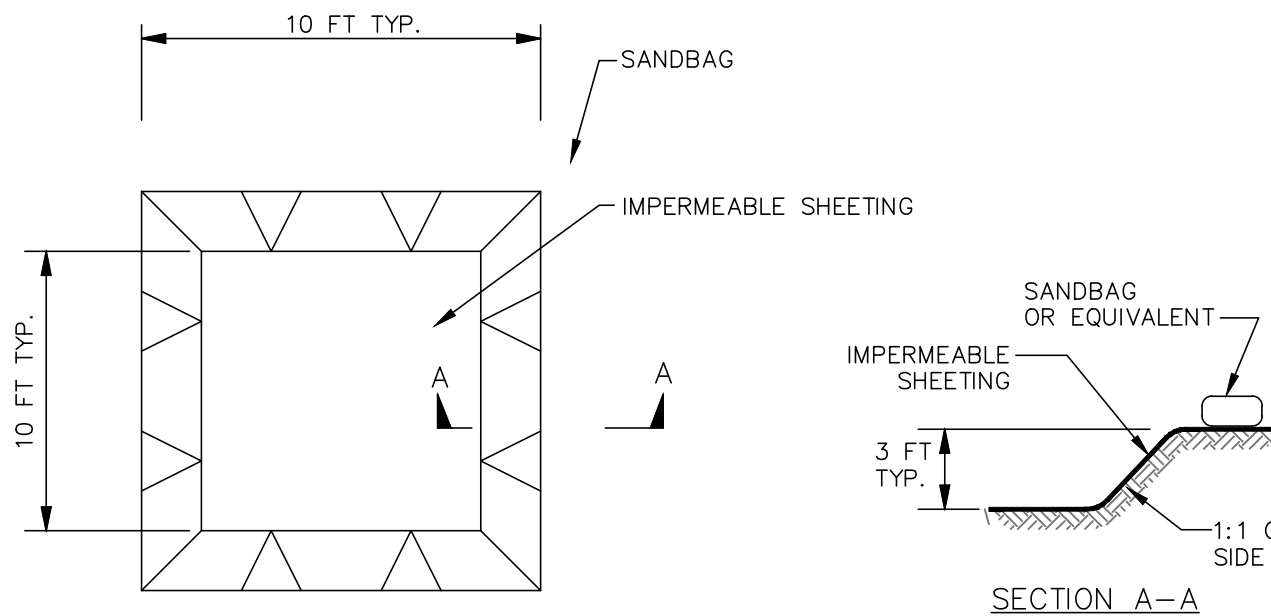


NOTE:

USE THIS DETAIL AS REQUIRED TO STABILIZE SLOPES DURING CONSTRUCTION AND UPON COMPLETION OF CLEARING AND GRADING TO PREVENT EROSION OF SLOPES.

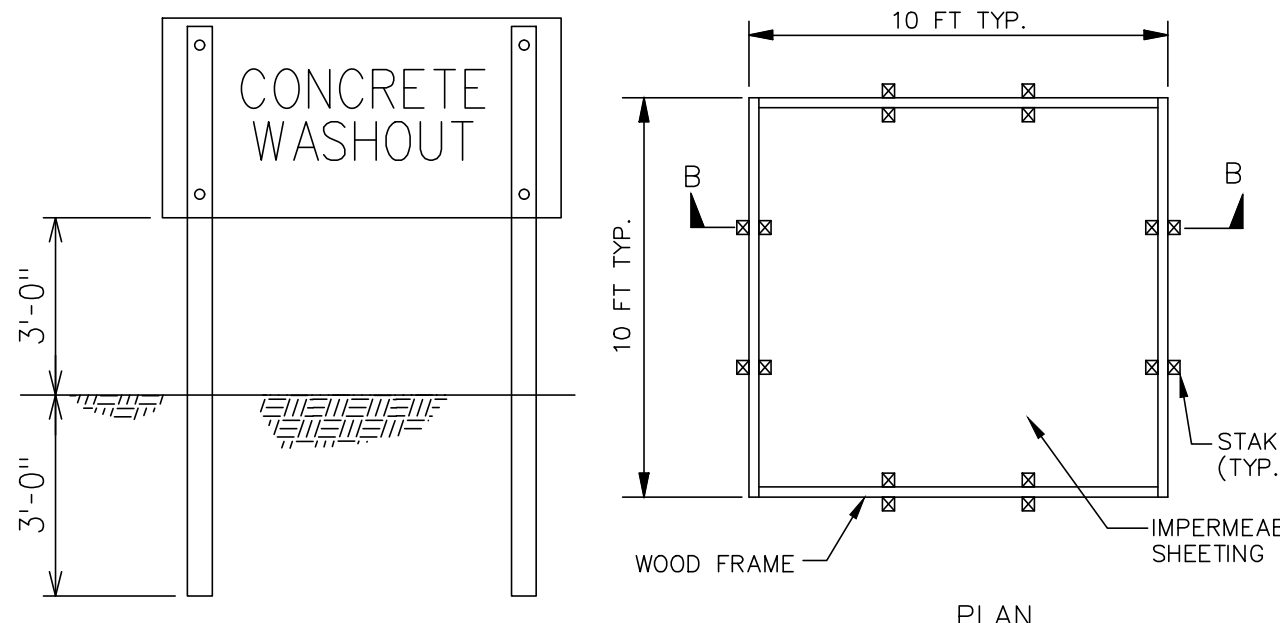
6 C8 ANCHORED STABILIZATION MATTING DETAIL

NOT TO SCALE



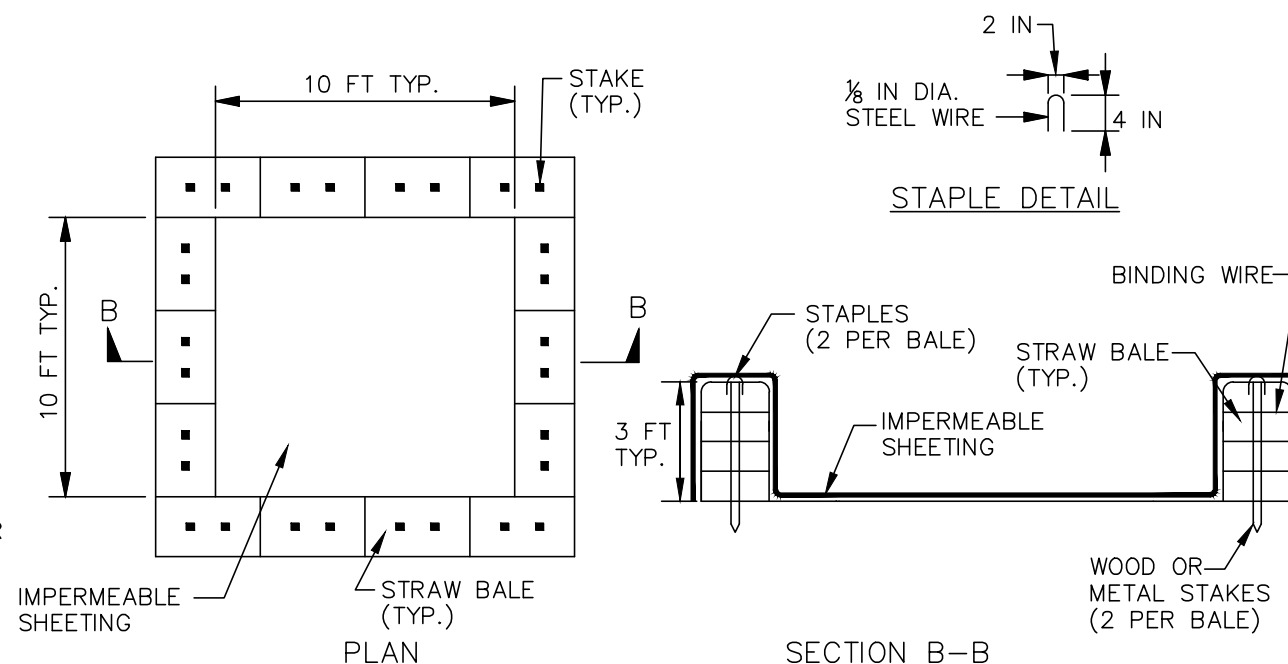
PLAN

EXCAVATED WASHOUT STRUCTURE



CONCRETE WASHOUT SIGN DETAIL
(OR EQUIVALENT)

WASHOUT STRUCTURE WITH WOOD PLANKS



NOTE: CAN BE TWO STACKED BALES OR PARTIALLY EXCAVATED TO REACH 3 FT DEPTH

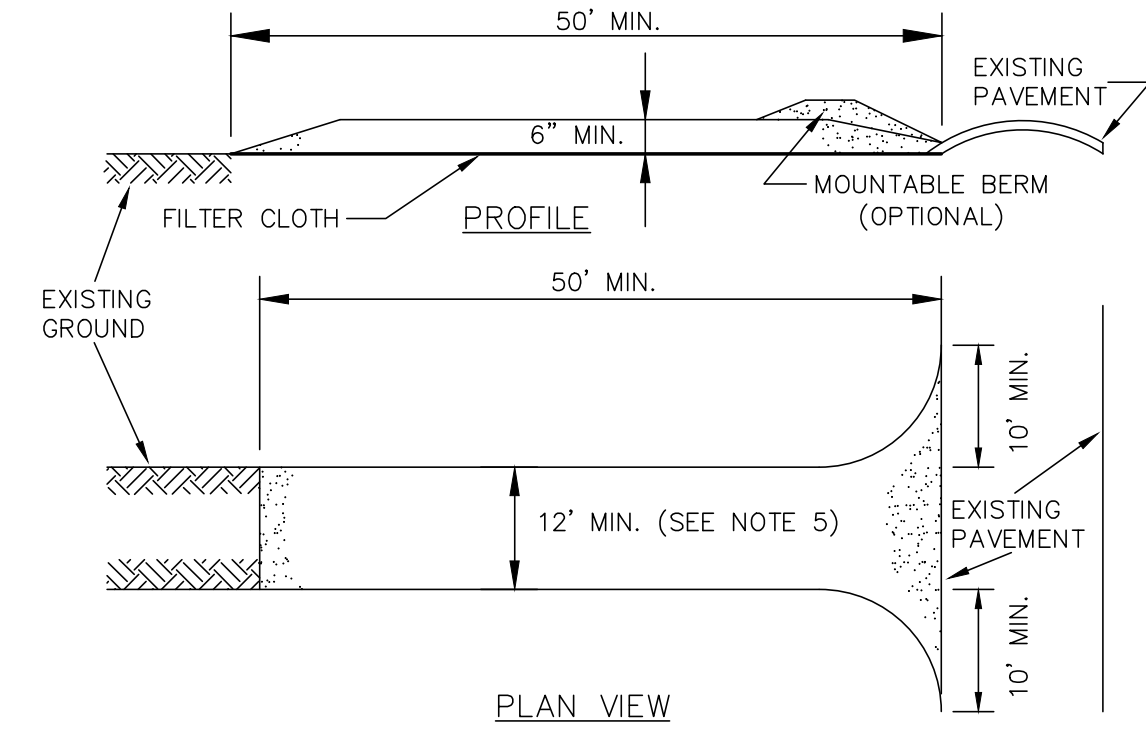
WASHOUT STRUCTURE WITH STRAW BALES

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. WET-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.

NOT TO SCALE

8 C8 ONSITE CONCRETE TRUCK WASHOUT STRUCTURE DETAIL



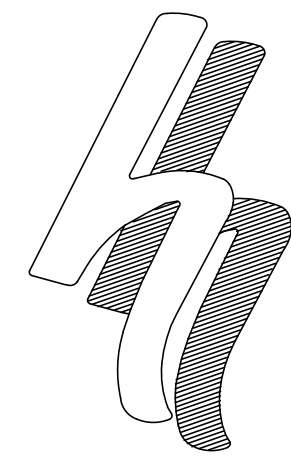
PLAN VIEW

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 DR 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 ONTO AN APPROVED SEDIMENT TRAPPING DEVICE.
- PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

4 C8 STABILIZED CONSTRUCTION ACCESS DETAIL

NOT TO SCALE



HERSHBERG & HERSHBERG
Consulting Engineers
and Land Surveyors

18 Locust Street
Albany, New York 12203

ALTERATION OF THIS DOCUMENT EXCEPT BY A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR, IS ILLEGAL



DATE	8/11/2020
REMARKS	GENERAL
REVISIONS	FULL SET OF PLANS

EROSION AND SEDIMENT CONTROL DETAILS
1415 WASHINGTON AVENUE
CITY OF ALBANY, STATE OF NEW YORK
COUNTY OF ALBANY, STATE OF NEW YORK

200015-1.DWG

DATE: 1/24/2020

CHK: DRH

BY: MW

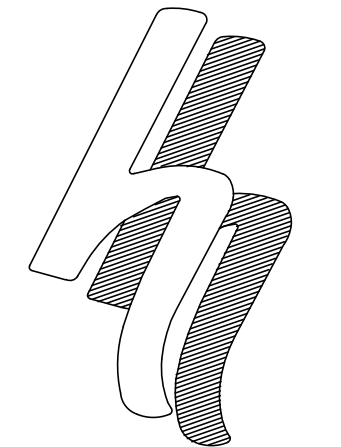
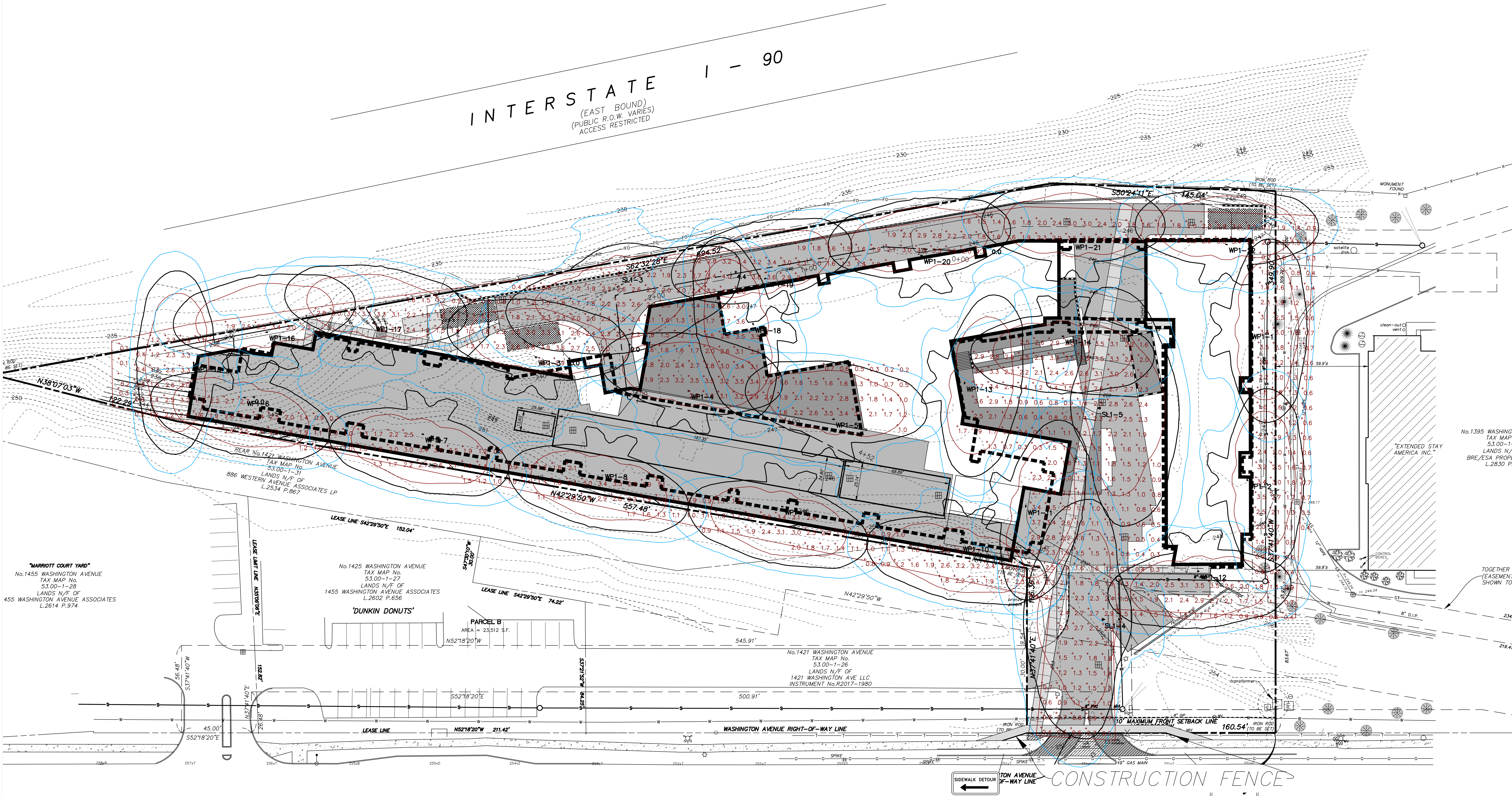
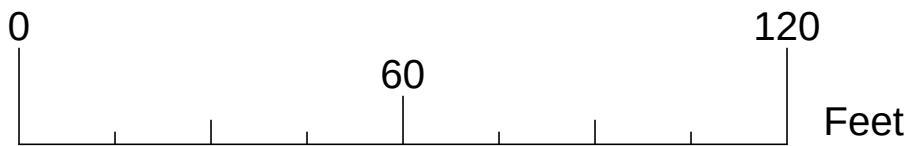
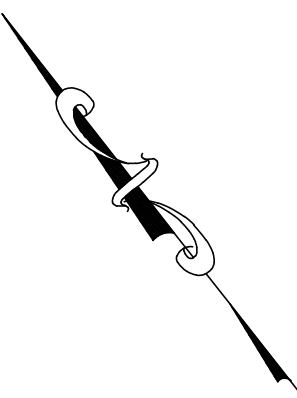
SCALE: AS NOTED

FILE: 200015

C8/16

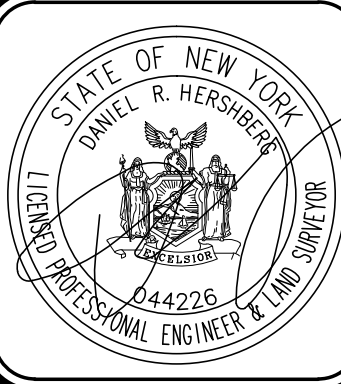
Schedule															
Symbol	Label	Image	QTY	Manufacturer	Catalog Number	Description	Lamp	Number Lamps	Filename	Lumens per Lamp	Lumen Multiple	LLF	Wattage	Efficiency	Distributon
	SL1		3	Lithonia Lighting	DSX0 LED P6 40K T2M MVOLT SPA DOBXD SSS 25 4G DM19AS DDB	DSX0 LED P6 40K T2M MVOLT	LED	1	DSX0_LED_P6_40K_T2M_MVOLT.ies	15931	1	0.9	134	100%	TYPE III, MEDIUM, BUG RATING: B3 - U0 G3
	WP1		22	Lithonia Lighting	DSXW2 LED 30C 1000 40K T2M MVOLT	DSXW2 LED WITH 3 LIGHT ENGINES, 30 LED's, 1000mA DRIVER, 4000K LED, TYPE 2 MEDIUM OPTIC	LED	1	DSXW2_LED_30C_1000_40K_T2M_MVOLT.ies	10935	1	0.9	109	100%	TYPE III, MEDIUM, BUG RATING: B2 - U0 G3

Note
1. FIXTURE TYPE SL1 IS SHOWN POLE MOUNTED AT 27' ABOVE FINISHED GRADE (25' POLE, 2' ABOVE GRADE BASE).
2. FIXTURE TYPE WP1 IS SHOWN WALL MOUNTED AT 20' ABOVE FINISHED GRADE.



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

ALTERATION OF THIS
DOCUMENT EXCEPT BY A
LICENSED PROFESSIONAL
ENGINEER OR LAND
SURVEYOR, IS ILLEGAL



DATE	10/16/20
REMARKS	FULL SET OF PLANS
REVISIONS	

LIGHTING PLAN
1415 WASHINGTON AVENUE
CITY OF ALBANY, STATE OF NEW YORK
COUNTY OF ALBANY, STATE OF NEW YORK

SCALE: AS NOTED
BY: MM
CHK: DRH
DATE: 1/24/2020
200015-L.DWG

C10/16

GENERAL NOTES

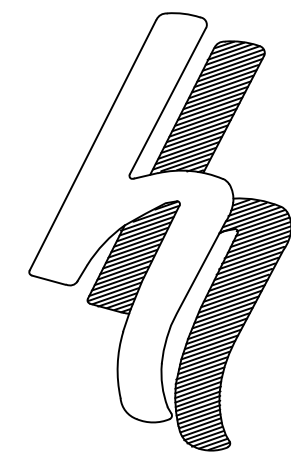
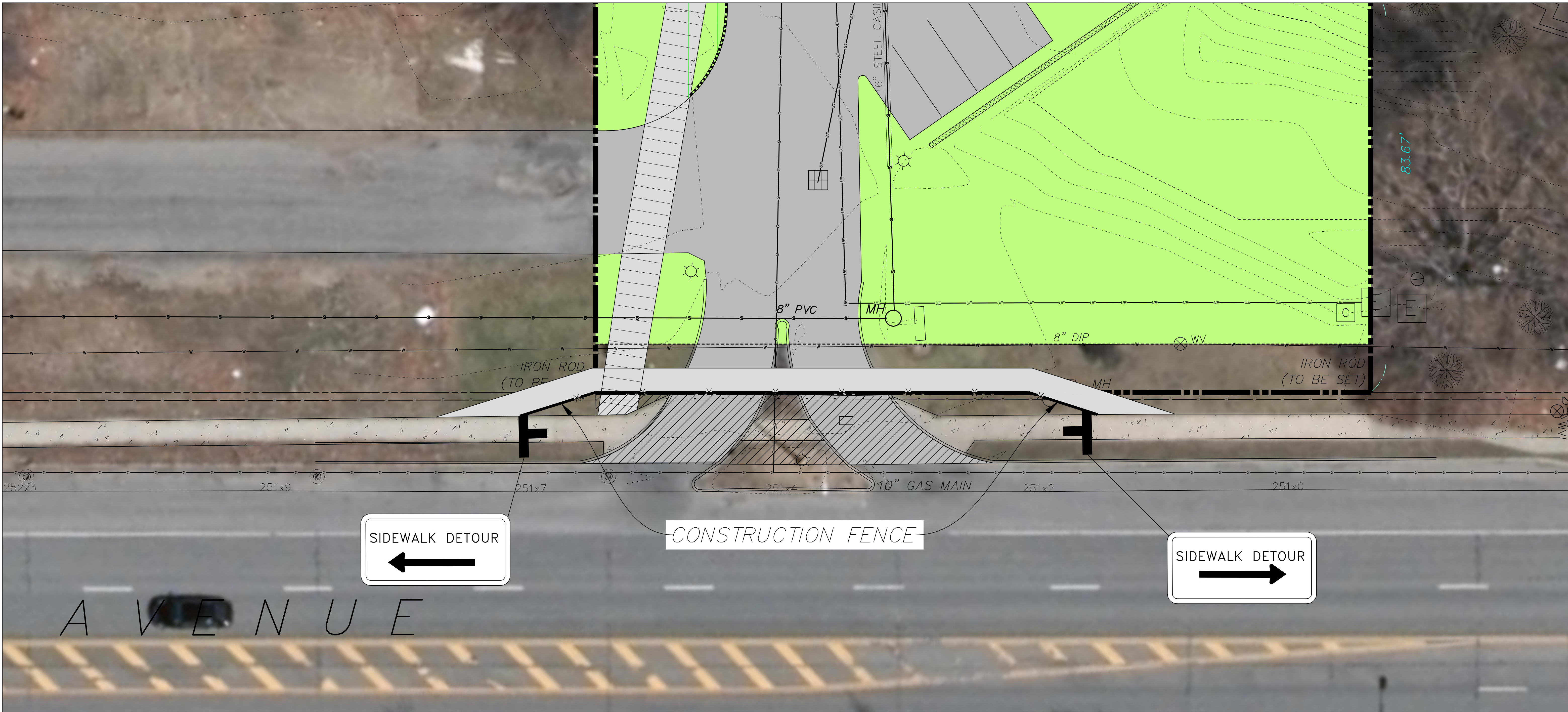
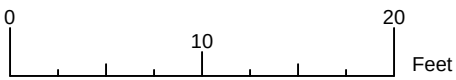
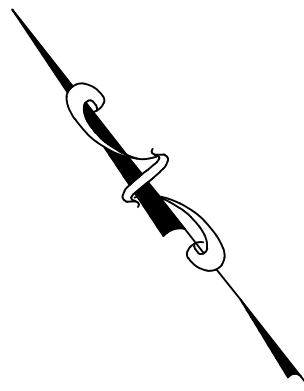
1. ACCESS FOR CITY'S MAINTENANCE STAFF/REPRESENTATIVES MUST BE MAINTAINED AT ALL TIMES TO THE TRAFFIC SIGNAL EQUIPMENT AT THIS INTERSECTION.
- 2.DAMAGE TO CITY SIDEWALKS, CURBS, AND ROADWAYS WILL BE THE SOLE RESPONSIBILITY OF THE DEVELOPER AND CONTRACTORS.
- 3.DEVELOPER AND CONTRACTORS ARE RESPONSIBLE 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. METER PARKING IS ON BROADWAY AND NON-METER PARKING IS ON LIVINGSTON AVE.
- 4.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.
5. THERE SHALL BE NO CONSTRUCTION VEHICLE PARKING ON EITHER SIDE OF WASHINGTON AVENUE AND THE CONTRACTORS SHALL PROVIDE ON-SITE OR OFF-SITE PARKING FOR EMPLOYEES DURING CONSTRUCTION.



CUSTOM SIGNAGE DETOUR DETAILS
NOT TO SCALE

MAINTENANCE AND PROTECTION OF TRAFFIC NOTES

1. MAINTENANCE AND PROTECTION OF TRAFFIC SHALL BE PROVIDED IN ACCORDANCE WITH SECTION 619 OF THE JANUARY 1, 2019 NYS STANDARD SPECIFICATIONS AND THE NEW YORK STATE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (M.U.T.C.D.) DATED MAY 2012 AND ALL OTHER APPLICABLE PROVISIONS CONTAINED IN THIS CONTRACT. ALL SIGN NUMBERS REFER TO THE M.U.T.C.D.
2. THE FINAL RESPONSIBILITY FOR THE PROTECTION OF THE TRAVELING PUBLIC AND HIS OWN PERSONNEL SHALL REST WITH THE CONTRACTOR.
3. 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 REGIONAL DIRECTOR OR HIS DESIGNEE.
4. 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.
5. DURING WORKING HOURS, NO CONSTRUCTION MATERIAL MAY BE STORED ON THE ROADWAY OR ROADBED EXCEPT IN A PROTECTED WORK ZONE.
6. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL PROPERTIES IN THE VICINITY OF THE PROJECT SITE AT ALL TIMES.
7. SIGN LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE. ACTUAL LOCATION SHALL BE ADAPTED TO PREVAILING CONDITIONS.
8. SIGNS THAT ARE NOT APPLICABLE SHALL BE COVERED OR OBSCURED FROM SIGHT.
9. 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.
10. 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.
11. THE CONTRACTOR SHALL MAINTAIN ALL EXISTING SIGNS FOR THE DURATION OF THE PROJECT OR UNTIL NEW REPLACEMENT SIGNS ARE INSTALLED. ALL COSTS TO WORK AROUND, REPLACE ON TEMPORARY POSTS OR TO TEMPORARILY RELOCATE EXISTING SIGNS SHALL BE INCLUDED IN THE PRICE BID FOR ITEM 619.01 - BASIC MAINTENANCE & PROTECTION OF TRAFFIC .
12. 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..
13. 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.
14. IT SHALL BE 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.
15. ALL CONSTRUCTION SIGNS SHALL BE PAID FOR UNDER ITEM 619.02. CONSTRUCTION SIGN MATERIALS SHALL COMPLY WITH SECTION 619-2 OF THE NYSDOT STANDARD SPECIFICATIONS.
16. 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.



HERSHBERG
&
HERSHBERG

Consulting Engineers
and Land Surveyors

18 Locust Street
Albany, New York 12203

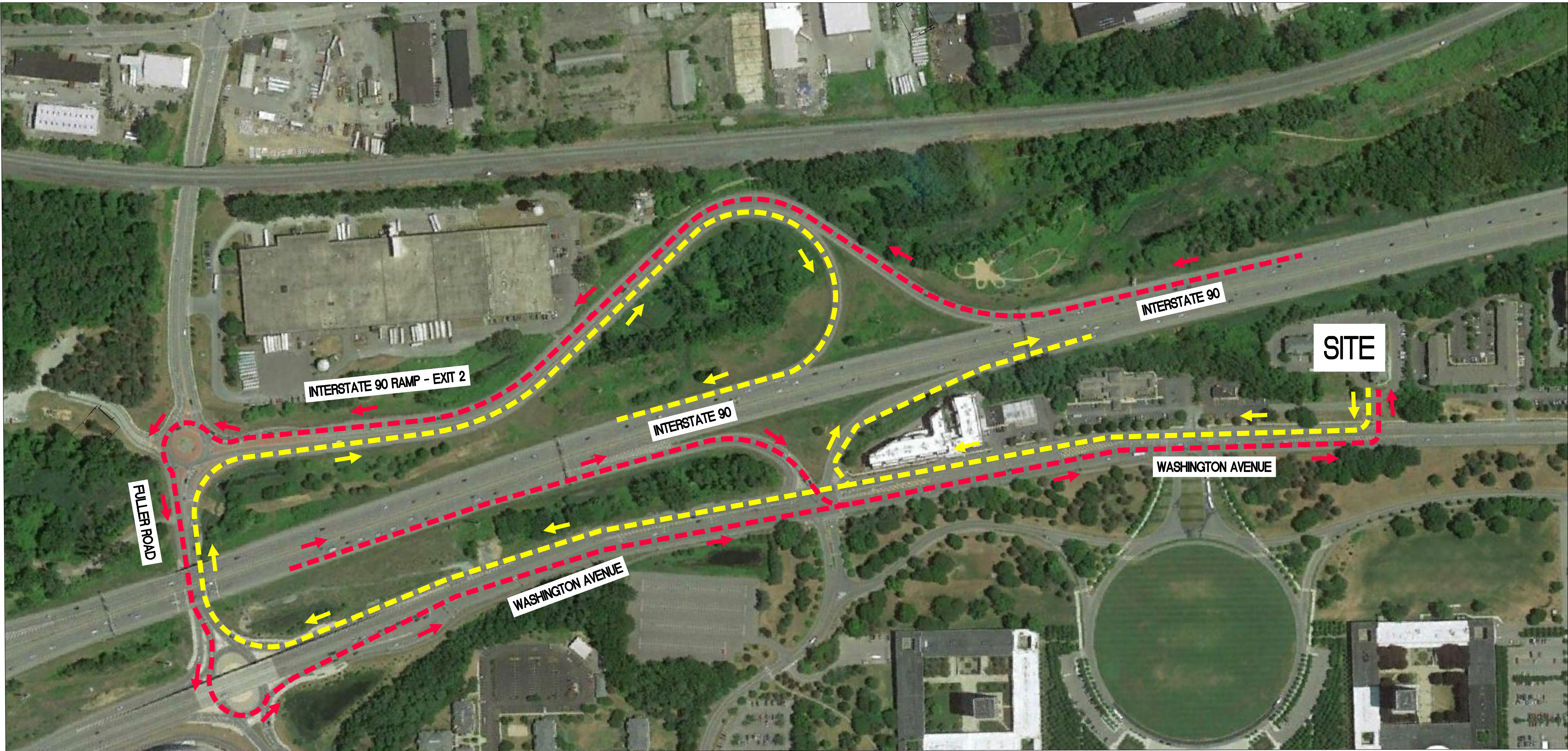
ALTERATION OF THIS
DOCUMENT EXCEPT BY A
LICENSED PROFESSIONAL
ENGINEER OR LAND
SURVEYOR, IS ILLEGAL



DATE	10/16/20
REMARKS	FULL SET OF PLANS
REVISIONS	

MAINTENANCE AND PROTECTION OF TRAFFIC PLAN
1415 WASHINGTON AVENUE
CITY OF ALBANY
COUNTY OF ALBANY, STATE OF NEW YORK

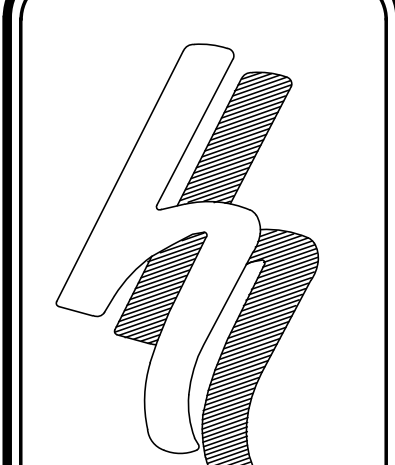
FILE: 200015
SCALE: AS NOTED
CHK: DRH
DATE: 1/24/2020
BY: MM



LEGEND

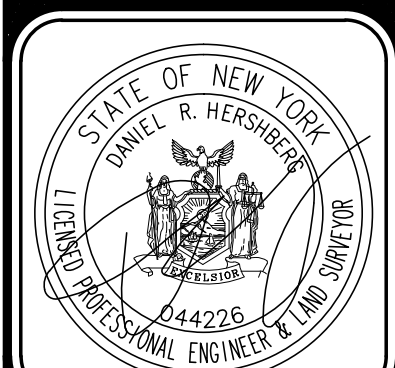
INGRESS ROUTE

EGRESS ROUTE



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

ALTERATION OF THIS DOCUMENT EXCEPT BY A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR, IS ILLEGAL



REVISIONS	DATE	REMARKS
GENERAL	8/11/2020	
FULL SET OF PLANS	10/16/20	
RESPONSE REVISIONS	12/30/20	

TRUCK ROUTING PLAN
1415 WASHINGTON AVENUE
CITY OF ALBANY
COUNTY OF ALBANY, STATE OF NEW YORK

FILE: 200015
SCALE: AS NOTED
BY: MM
CHK: DRH
DATE: 1/24/2020
200015-1.DWG

C12/16