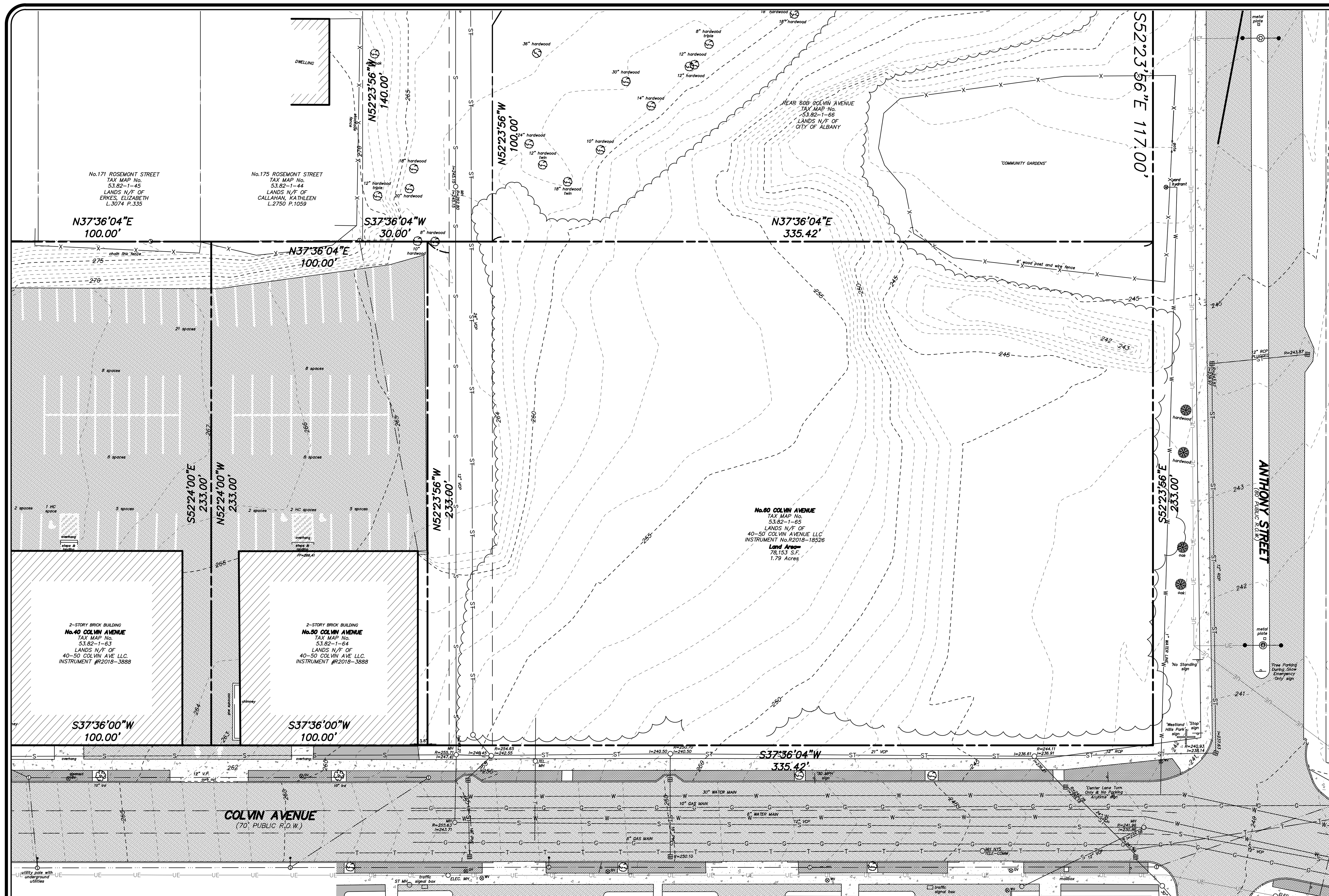

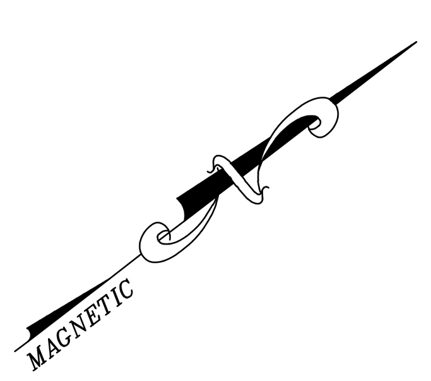

GRAPHIC SCALE

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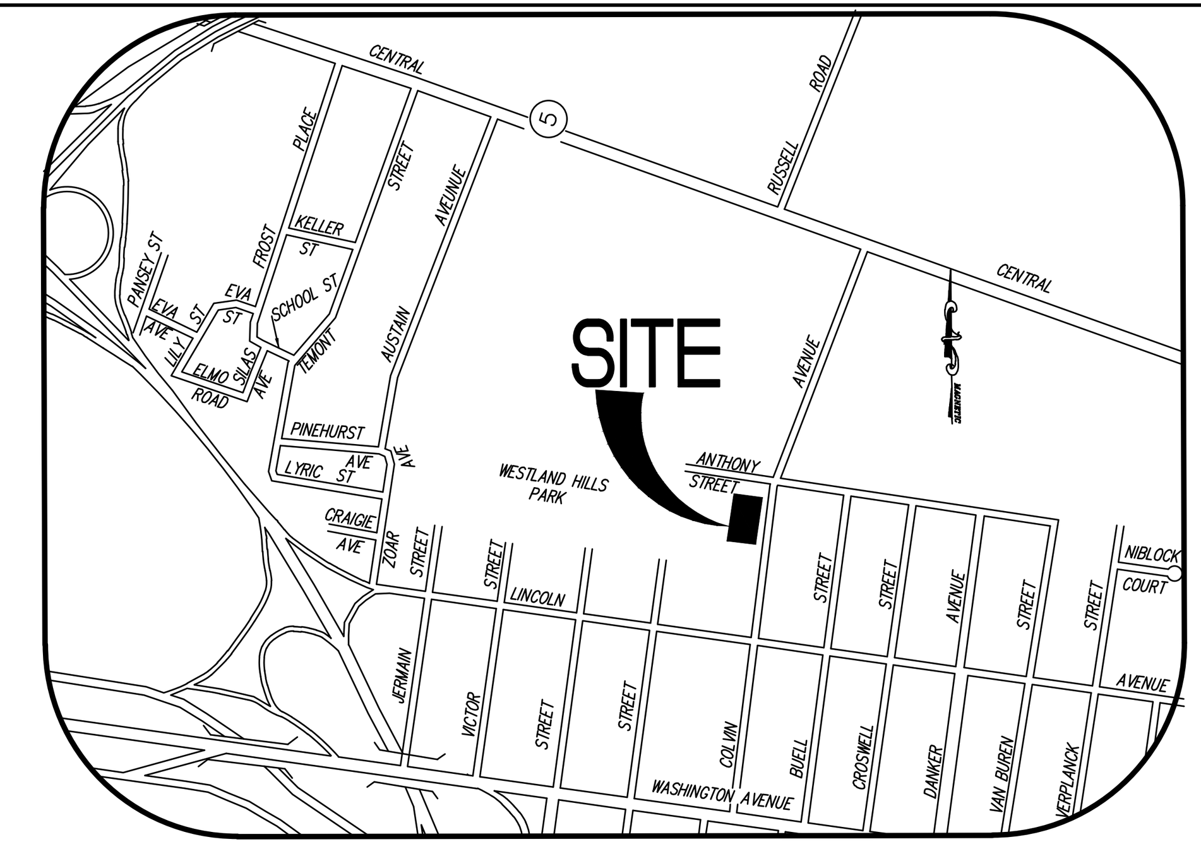
(IN FEET)
1 inch = 30 ft.



SITE LOCATION NAP

NOT TO SCALE

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
Ft.	FEET
Deg.	DEGREE
R	RECORD
M	MEASURED
N	NORTH
S	SOUTH
E	EAST
W	WEST
tel.	TELEPHONE
elec.	ELECTRIC
L.	LIBER
P.	PAGE
♿	HANDICAPPED PARKING SPACE
0	PARKING METER

MONUMENT
IRON ROD
MANHOLE
CATCHBASIN
SIGN
BOLLARD
FENCE LINE
GUARD RAIL
OVERHEAD WIRE, UTILITY POLE & GUY WIRE
TRAFFIC FLOW ACCESS AREA
WATER SHUT OFF
WATER VALVE
HYDRANT
GAS VALVE
STREET LIGHT
LIGHT POLE
CONCRETE
PAVEMENT

SCHEDULE OF DRAWINGS

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

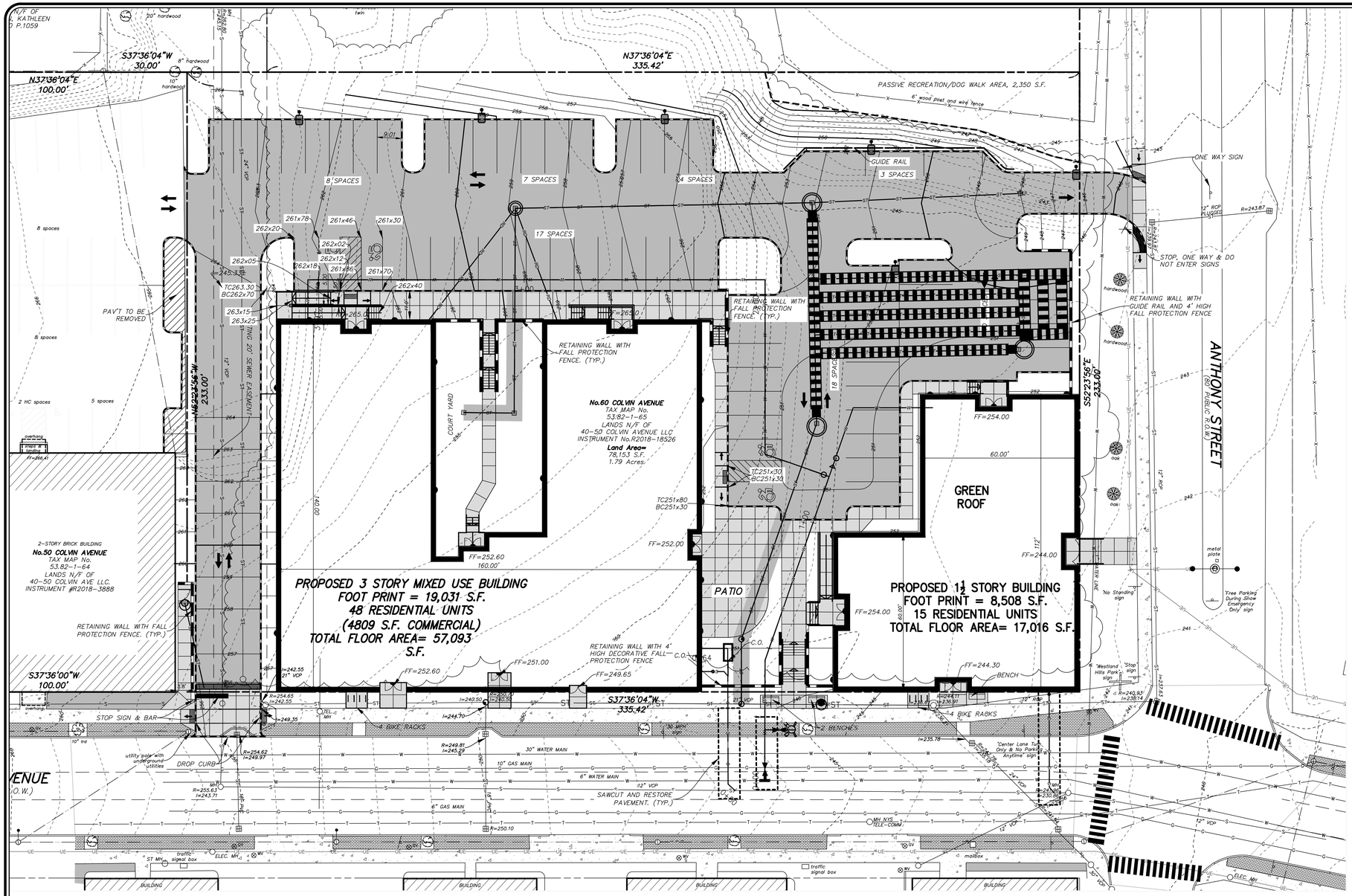
STATE OF NEW YORK
DANIEL R. HERSHBERG
044226
LICENSED PROFESSIONAL ENGINEER & LAND SURVEYOR

DATE	REMARKS

REVISIONS

EXISTING CONDITIONS PLAN
60 COLVIN AVENUE
ALBANY, NEW YORK

190162-6.DWG
DATE: 6/19/2020
CHK: DRH
BY: AS
SCALE: 1"=30'
FILE: 190162



LEGEND

- PAVEMENT MARKINGS
- HANDICAPPED PARKING
- STOP BAR
- TRAFFIC FLOW MARKING
- EXIST. TREE LINE
- FINISH GRADE SPOT ELEVATION (280x90)
- PROPOSED BUILDING
- PROPOSED CURB
- PROPOSED RETAINING WALL
- PROPOSED PAVEMENT
- PROPOSED SIDEWALK AND HANDICAPPED RAMP - DETECTABLE SURFACE
- PROPOSED CONCRETE PAVEMENT
- EXISTING TELEPHONE
- EXISTING CONTOURS
- EXISTING WATER MAIN
- EXISTING HYDRANT
- EXISTING SEWER MAIN
- EXISTING MANHOLE
- EXISTING WATER MAIN
- EXISTING LIGHT POLE
- EXISTING UTILITY POLE
- EXISTING OVERHEAD WIRE
- BUILDING MOUNTED LIGHTS
- LIGHT POLE
- BOLLARD LIGHT
- PROPOSED CONTOURS
- PROPOSED CONTOURS
- PROPOSED WATER MAIN
- PROPOSED HYDRANT & VALVE
- PROPOSED SAN. SEWER
- PROPOSED STORM SEWER
- PROPOSED ROOF DRAIN
- PROPOSED STORM MANHOLE
- PROPOSED STORM MANHOLE
- PROPOSED TREE
- PROPOSED SHRUB

EXISTING SITE COVERAGE STATISTICS

DESCRIPTION	S.F.	ACRES	%
GROSS SITE AREA	78,153	1.79	100.00%
IMPERVIOUS AREA	0	0	0
BUILDING COVERAGE	0	0	0
PAVEMENT/SIDEWALK COVERAGE	0	0	0
PERVIOUS AREA	78,153	1.79	100.00

PROPOSED SITE COVERAGE STATISTICS

DESCRIPTION	S.F.	ACRES	%
GROSS SITE AREA	78,153	1.79	100.00%
IMPERVIOUS AREA	59,672	1.37	76.4
BUILDING COVERAGE	19,031	0.44	24.4
PAVEMENT/SIDEWALK COVERAGE	40,641	0.93	52.0
PERVIOUS AREA	18,481	0.42	23.6

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.

PARKING TABLE:

REQUIRED PARKING		
RESIDENTIAL UNITS(63)	1 PER UNIT	63
RESTAURANT (2887 SF)	1 PER 150 SF	20
GENERAL RETAIL (1922 SF)	1 PER 400 SF	5
SUBTOTAL		88
SHARED PARKING CORRECTION (1.1)		-8
PROXIMITY TO TRANSIT (20%)		-17
TOTAL REQUIRED		63
PROVIDED		70

RECREATION AREAS		
PASSIVE RECREATION/DOG WALK AREA	2,350	SF
COURTYARD	2,782	SF
ADJOINING PATIO	1,130	SF
FITNESS CENTER/LOUNGE	1,720	SF
TOTAL PROVIDED	7'982	SF
TOTAL REQUIRED	7,815	SF

MAGNETIC

GRAPHIC SCALE

20 0 10 20 40 80

(IN FEET)
1 inch = 20 ft.

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Albany, New York 12203

STATE OF NEW YORK · DANIEL R. HERSHBERG · LICENSED PROFESSIONAL ENGINEER & LAND SURVEYOR · 044226

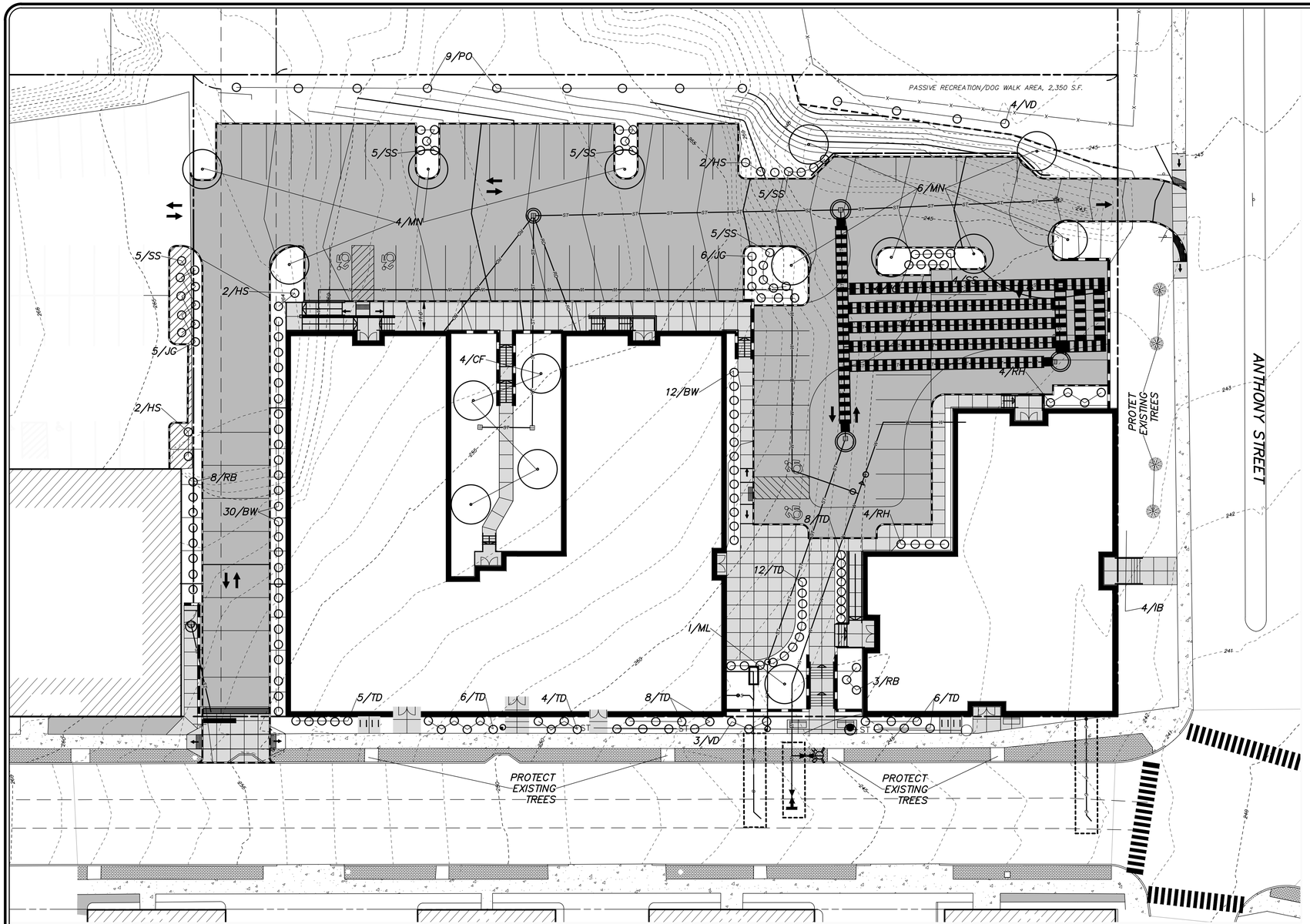
DATE

REMARKS

REVISIONS

SITE PLAN
60 COLVIN AVENUE
ALBANY, NEW YORK

FILE: 190162 | SCALE: AS SHOWN | BY: AS | CHK: DRH | DATE: 6/19/2020 | 190162-6.DWG



LEGEND

- PAVEMENT MARKINGS
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- PROPOSED BUILDING
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- PROPOSED RETAINING WALL
- PROPOSED PAVEMENT
- PROPOSED SIDEWALK AND HANDICAPPED RAMP — DETECTABLE SURFACE
- PROPOSED CONCRETE PAVEMENT
- U/T EXISTING TELEPHONE
- 199 EXISTING CONTOURS
- 200 EXISTING CONTOURS
- W EXISTING WATER MAIN
- EXISTING HYDRANT
- S EXISTING SEWER MAIN
- MH EXISTING MANHOLE
- W EXISTING WATER MAIN
- EXISTING LIGHT POLE
- EXISTING UTILITY POLE
- EXISTING OVERHEAD WIRE
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- S PROPOSED SAN. SEWER
- ST PROPOSED STORM SEWER
- RD PROPOSED ROOF DRAIN
- PROPOSED STORM MANHOLE
- PROPOSED STORM MANHOLE
- PROPOSED TREE
- PROPOSED SHRUB

PLANT MATERIAL SCHEDULE

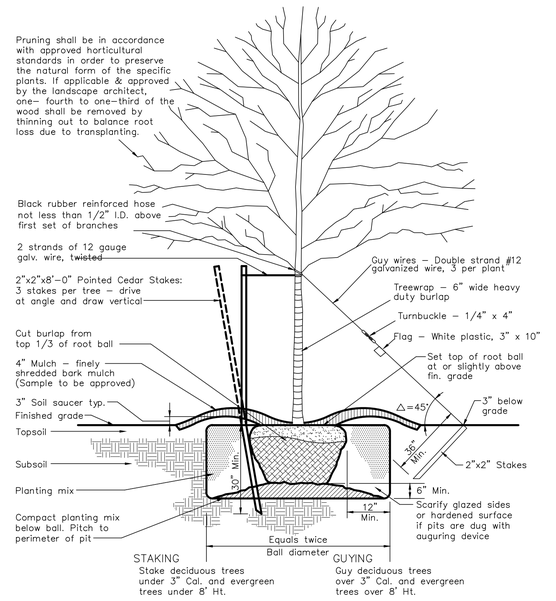
SYM	BOTANICAL NAME	COMMON NAME	SIZE	AMT	COMMENTS
		SHRUBS			
BW	BUXUS x 'WINTER GEM'	WINTER GEM BOXWOOD	18" HT.	42	CONTAINER GROWN
HS	HIBISCUS SYRIACUS 'PINK GIANT'	PINK GIANT ROSE OF SHARON	4'-5'	6	B & B
IB	ILEX VIRGINICANA 'HENRY'S GARNET'	VIRGINIA SWEETSPIRE	18"-24" HT	4	B & B
JG	JUNIPERUS CHINENSIS 'SEA GREEN'	SEA GREEN JUNIPER	18" HT.	15	B & B
RB	RHODODENDRON 'BOULE DE NEIGE'	BOULE DE NEIGE RHODODENDRON	24"-30" HT.	11	B & B
RH	RHODODENDRON 'P.J.M.'	P.J.M. RHODODENDRON	2 1/2' HT.	8	B & B
TD	TAXUS X MEDIA 'DENSIFORMIS'	DENSE SPREADING YEW	24" HT.	49	B & B
VD	VIBURNUM DENTATUM	ARROWWOOD VIBURNUM	3' HT.	7	B & B, NYNS
		TREES			
CF	CORNUS FLORIDA	WHITE FLOWERING DOGWOOD	2 1/2" CAL.	4	B & B
MN	MALUS 'SNOWDRIFT'	SNOWDRIFT CRABAPPLE	2.5"-3" CAL.	10	B & B
ML	MAGNOLIA LILIIFLORA	JANE MAGNOLIA	7'-8' HT.	1	B & B
PO	PICEA OMORIKA	SERBIAN SPRUCE	5'-6' HT.	9	B & B
		GRASSES			
SS	SCHIZACHYRIUM SCOPARIUM	LITTLE BLUE STEM	#1 CONTAINER	29	CONTAINER GROWN

MAGNETIC

GRAPHIC SCALE

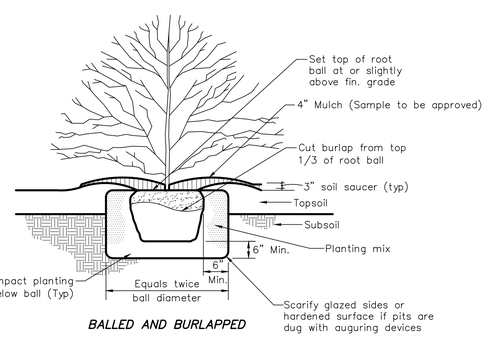
20 0 10 20 40 80

(IN FEET)
1 inch = 20 ft.



TREE PLANTING DETAIL

NOT TO SCALE



BALLED AND BURLAPPED

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

SHRUB PLANTING DETAIL

NOT TO SCALE

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Albany, New York 12203

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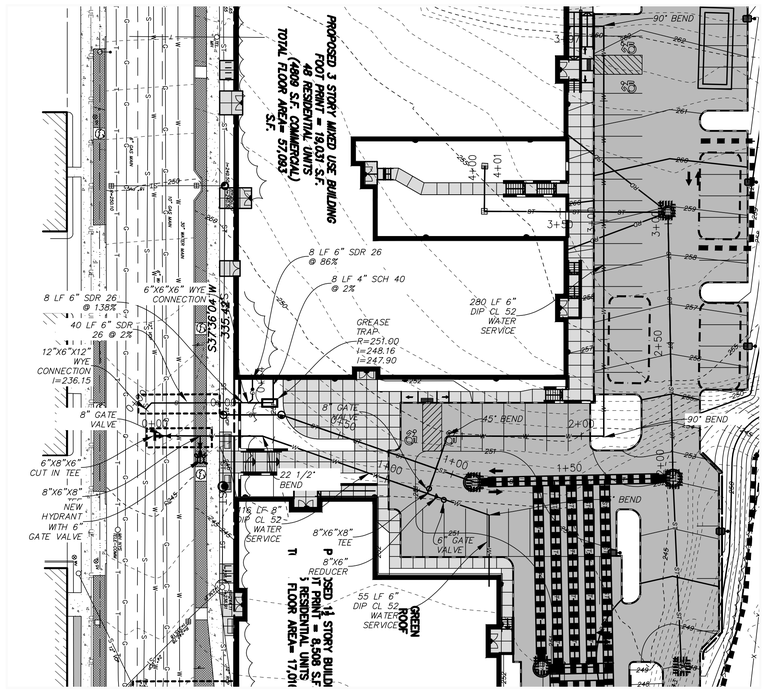
DATE	REMARKS
	REVISIONS

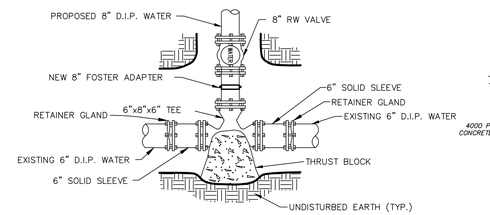
LANDSCAPING PLAN
60 COLVIN AVENUE
ALBANY, NEW YORK

FILE: 19016Z | SCALE: AS SHOWN | BY: AS | CHK: DRH | DATE: 6/19/2020 | 19016Z-6.DWG



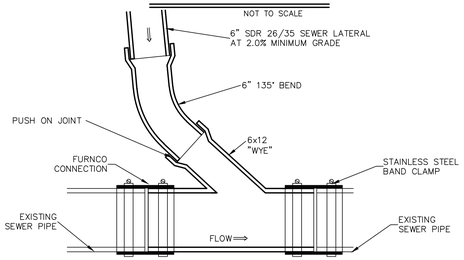
WATER AND SEWER PLAN

SCALE: 1"=30'



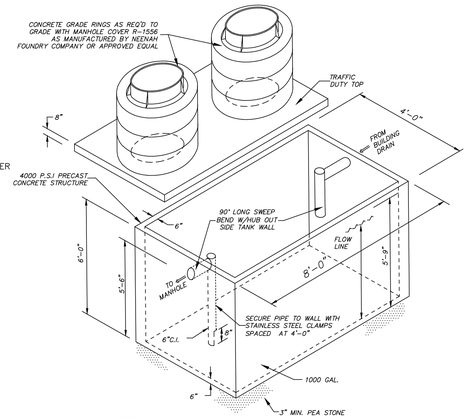
CUT IN TEE DETAIL

NOT TO SCALE



PLAN SECTION WYE CONNECTION DETAIL

NOT TO SCALE

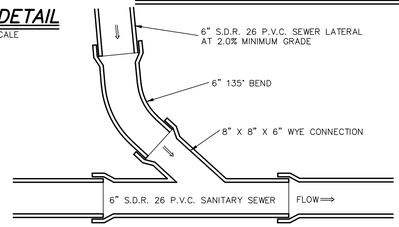


NOTES:

1. GREASE & OIL INTERCEPTOR SHALL BE INSTALLED IN CONFORMANCE WITH THE CITY OF ALBANY DEPARTMENT OF GENERAL SERVICES.
2. THE TANKS SHALL BE DESIGNED FOR H-20 LOADING. (TRAFFIC DUTY).
3. SUBMIT SHOP DRAWINGS FOR APPROVAL PRIOR TO FABRICATION.
4. EXTERIOR OF TANK SHALL RECEIVE BITUMINOUS COATING TO ENSURE WATER TIGHTNESS & PREVENT DETERIORATION.
5. THE TANKS SHALL BE MANUFACTURED BY THE FORT MILLER CO., INC OR KISTNER CONCRETE PRODUCTS, INC.

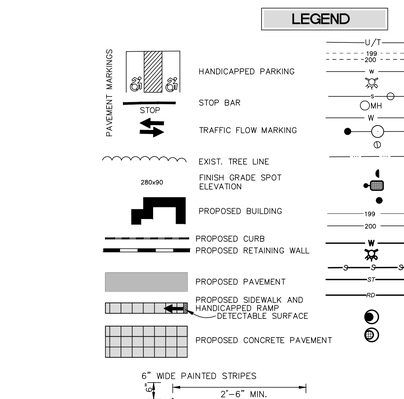
GREASE & OIL INTERCEPTOR DETAIL

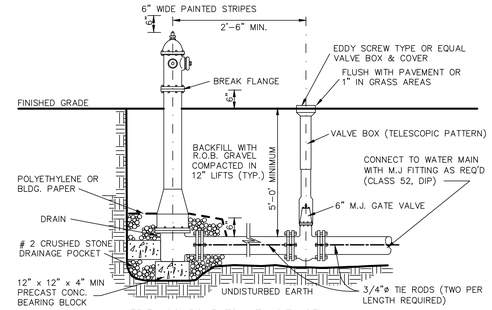
NOT TO SCALE



PLAN SECTION WYE CONNECTION DETAIL

NOT TO SCALE

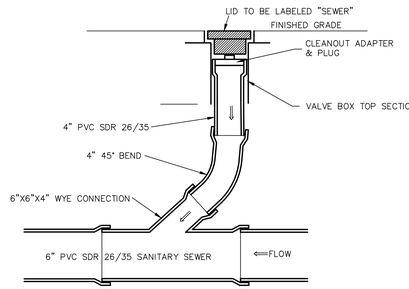




VERIFY COMPONENTS WITH CITY OF ALBANY DEPARTMENT OF WATER AND WATER SUPPLY PRIOR TO INSTALLATION.

TYPICAL HYDRANT DETAIL

NOT TO SCALE



IN LINE CLEANOUT DETAIL

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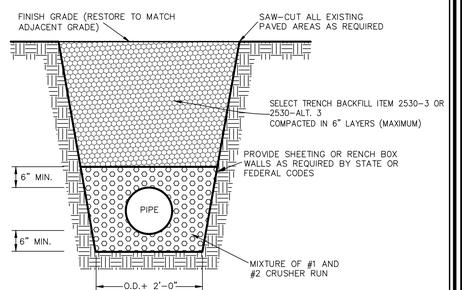
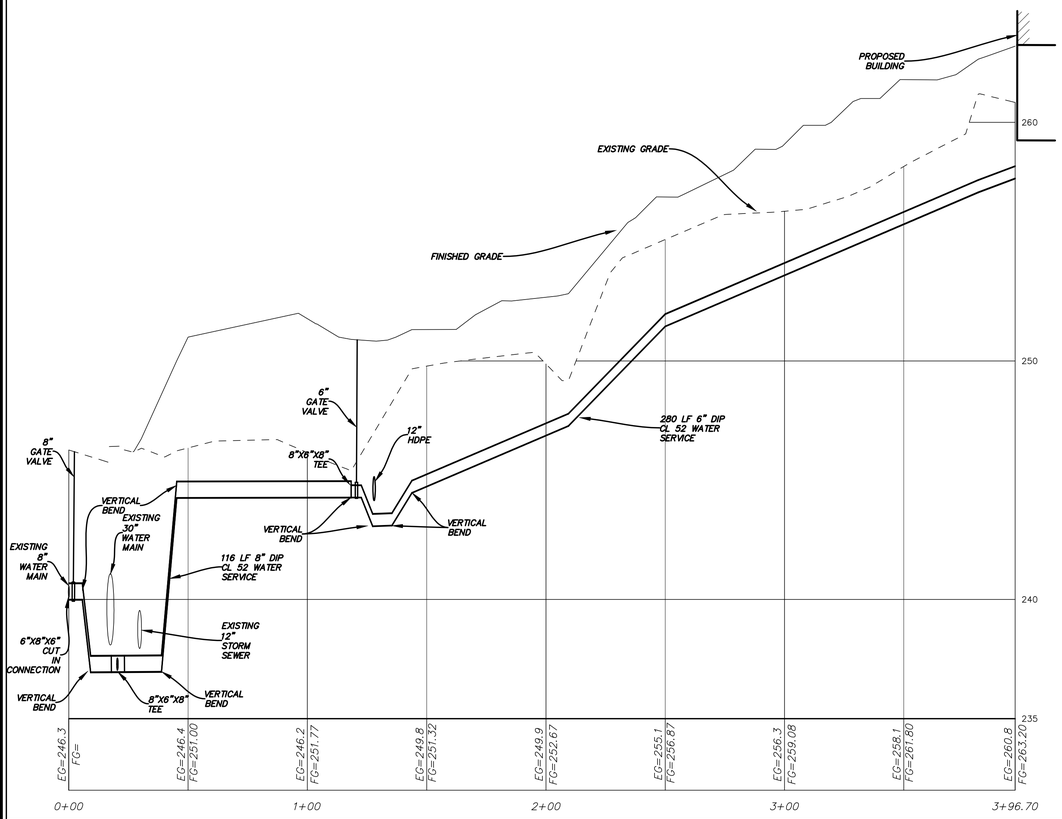


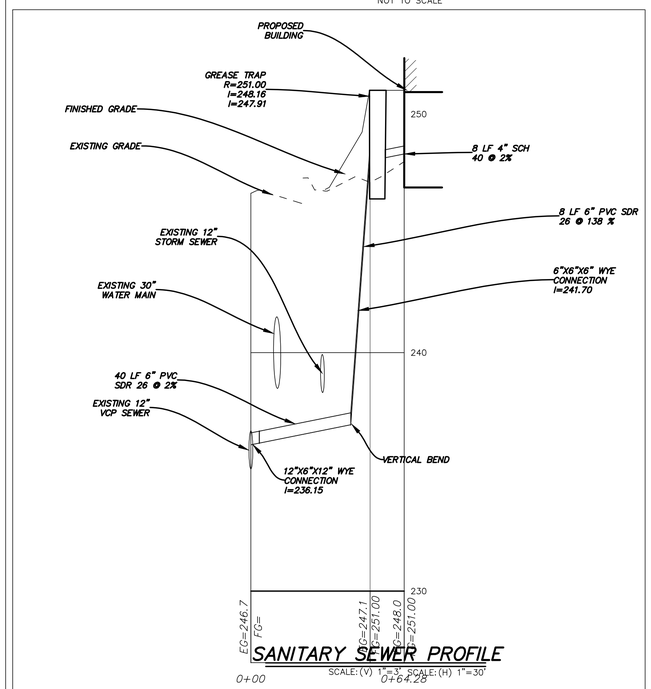
TYPICAL SANITARY SEWER & WATER MAIN TRENCH DETAIL

NOT TO SCALE



WATER SERVICE PROFILE

SCALE: (V) 1"=3' SCALE: (H) 1"=30'



SANITARY SEWER PROFILE

SCALE: (V) 1"=3' SCALE: (H) 1"=30'

FOR MUNICIPAL APPROVAL ONLY-NOT INTENDED FOR CONSTRUCTION

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

STATE OF NEW YORK DANIEL R. HERSHBERG 044226 LICENSED PROFESSIONAL ENGINEER & LAND SURVEYOR

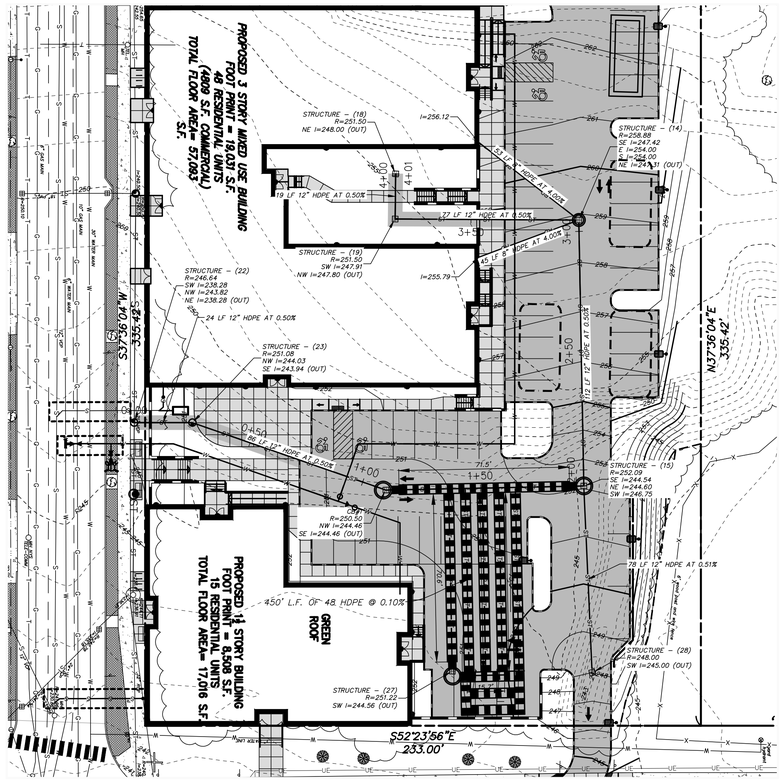
DATE

REMARKS

REVISIONS

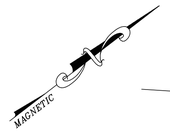
WATER/SEWER PLAN AND DETAILS
60 COLVIN AVENUE
ALBANY, NEW YORK

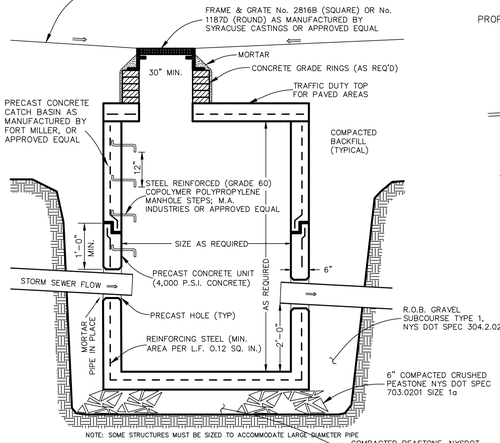
190162-6.DWG
DATE: 6/19/2020
CHK: DRH
BY: AS
SCALE: AS SHOWN
FILE: 190162



STORM SEWER PLAN

SCALE: 1"=30'





CATCH BASIN DETAIL

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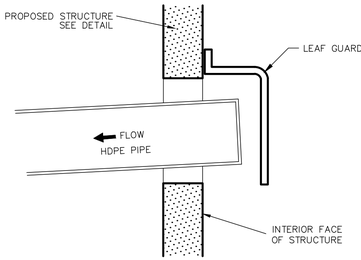
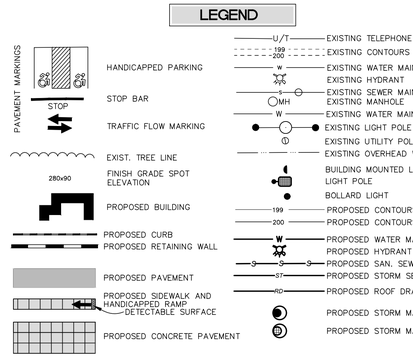
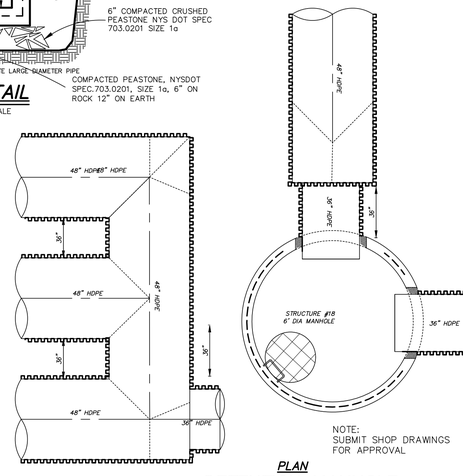


LEAF GUARD DETAIL

NOT TO SCALE



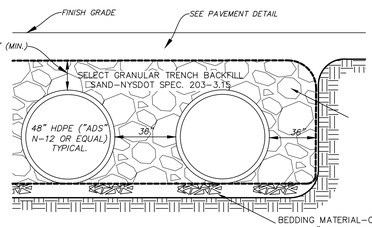


NOTE:
SUBMIT SHOP DRAWINGS FOR APPROVAL

PLAN

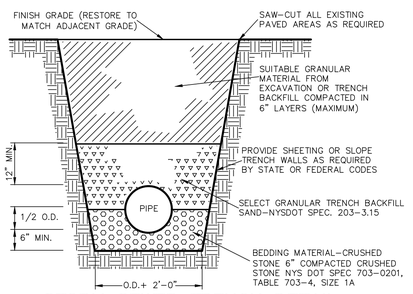
DETENTION MANHOLE PIPE STORAGE DETAIL

NOT TO SCALE



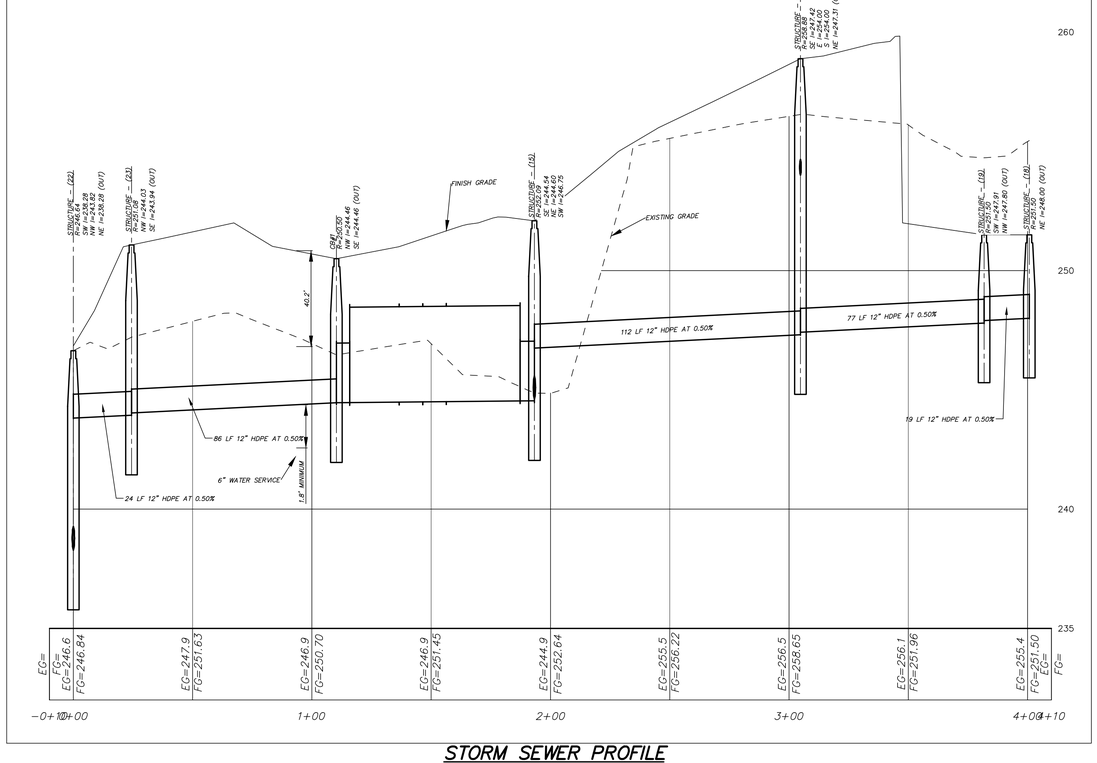
DETENTION GALLERY SECTION

NOT TO SCALE



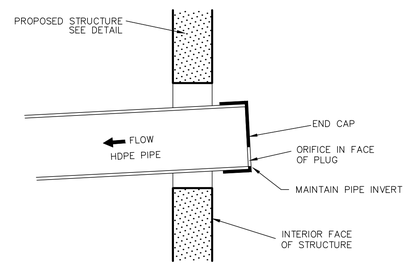
STORM SEWER TRENCH DETAIL

NOT TO SCALE



STORM SEWER PROFILE

SCALE: (H) 1"=30'
SCALE: (V) 1"=3'



SEE DETENTION DETAIL FOR OUTLETS. SEE ORIFICE DETAILS #1 #2 #3

RESTRICTOR PLATE DETAIL

NOT TO SCALE

FOR MUNICIPAL APPROVAL ONLY-NOT INTENDED FOR CONSTRUCTION

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

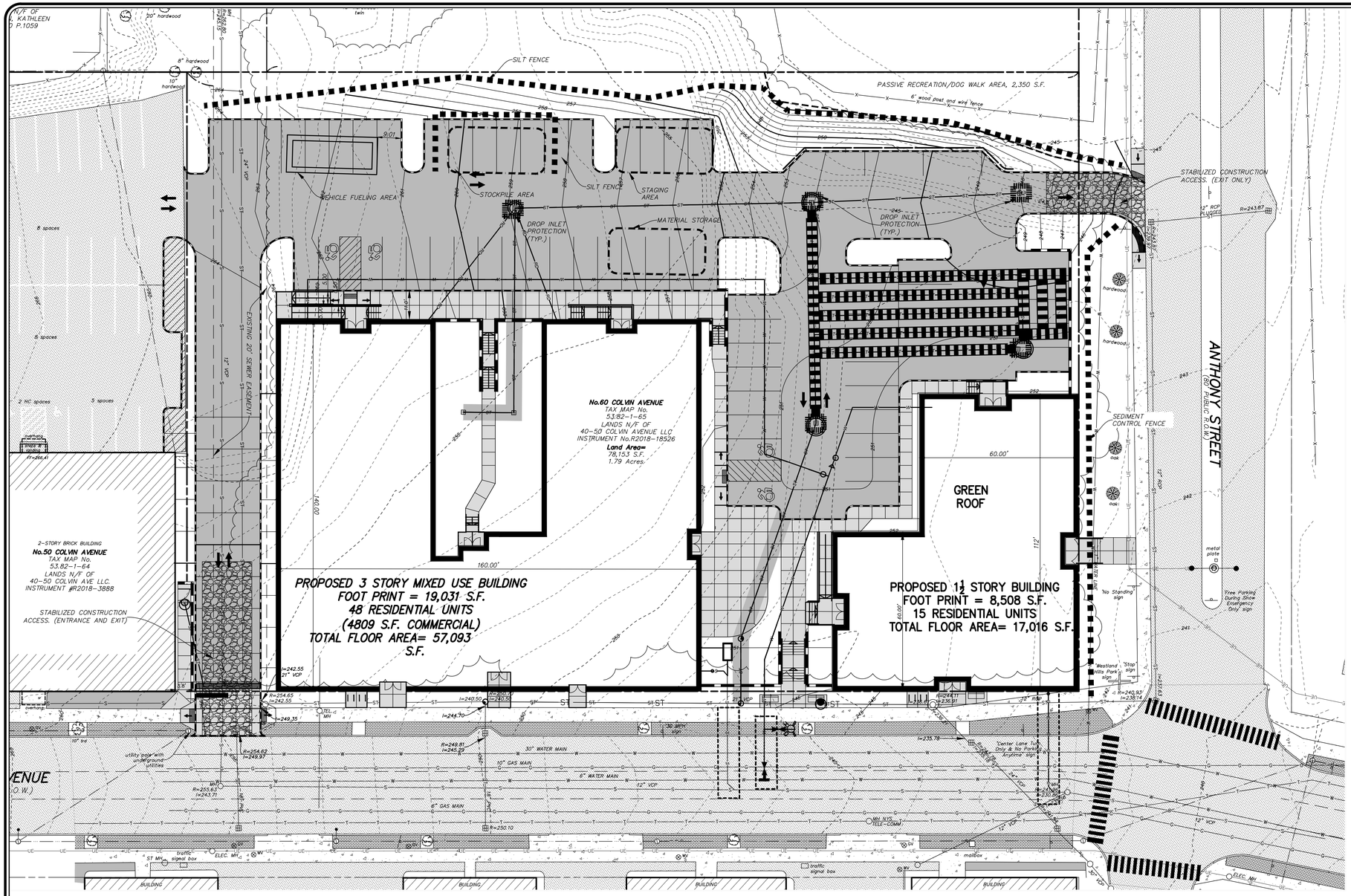
STATE OF NEW YORK DANIEL R. HERSHBERG 044226 LICENSED PROFESSIONAL ENGINEER & LAND SURVEYOR

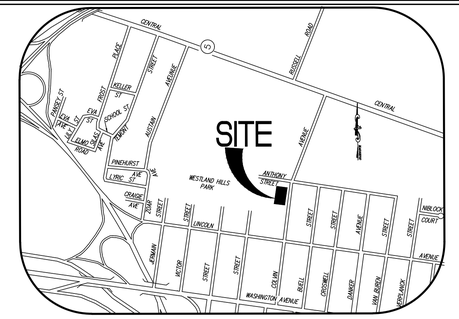
DATE
REMARKS
REVISIONS

SWPPP PLAN AND DETAILS
60 COLVIN AVENUE
ALBANY, NEW YORK

FILE: 190162 | SCALE: AS SHOWN | BY: AS | CHK: DRH | DATE: 6/19/2020 | 190162-6.DWG

C4 OF13





SITE LOCATION MAP

NOT TO SCALE

LEGEND

PAVEMENT MARKINGS
- HANDICAPPED PARKING
- STOP BAR
- TRAFFIC FLOW MARKING
- EXIST. TREE LINE
- 280x90 FINISH GRADE SPOT ELEVATION
- PROPOSED BUILDING
- PROPOSED CURB
- PROPOSED RETAINING WALL
- PROPOSED PAVEMENT
- PROPOSED SIDEWALK AND HANDICAPPED RAMP - DETECTABLE SURFACE
- PROPOSED CONCRETE PAVEMENT

- U/T EXISTING TELEPHONE
- 199 EXISTING CONTOURS
- 200 EXISTING CONTOURS
- W EXISTING WATER MAIN
- EXISTING HYDRANT
- S EXISTING SEWER MAIN
- MH EXISTING MANHOLE
- W EXISTING WATER MAIN
- 121 / 242 EXISTING LIGHT POLE
- LP EXISTING UTILITY POLE
- EXISTING OVERHEAD WIRE
- BUILDING MOUNTED LIGHTS
- LIGHT POLE
- BOLLARD LIGHT
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- S PROPOSED SAN. SEWER
- ST PROPOSED STORM SEWER
- RD PROPOSED ROOF DRAIN
- PROPOSED STORM MANHOLE
- PROPOSED STORM MANHOLE

EROSION AND SEDIMENT CONTROL NOTES

1. THIS PROJECT IS AUTHORIZED UNDER NYSDEC SPDES GENERAL PERMIT GP-0-15-002.

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-0-15-002, 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 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. SEEDBED MUST BE SEEDED WITHIN 24 HOURS OF DISTURBANCE OR SCARIFICATION 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 'AROOSTOOK' 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 MANUFACTURERS' 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:

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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 CRISS–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.
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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 ALTERNATIVE MEANS OF STORMWATER POLLUTION PREVENTION.

9. SEE REMAINDER OF PLANS FOR PERMANENT IMPROVEMENTS. PERMANENT IMPROVEMENTS SHOWN ON THIS PLAN ARE FOR REFERENCE ONLY.

10. PAVED AREAS ARE TO BE SWEPT DAILY TO REMOVE ANY SEDIMENT AND ALL NEWLY PAVED AREAS SHALL BE DIRECTED TO THE TEMPORARY OR FINAL SEDIMENT CONTROL BASINS.

MAGNETIC

GRAPHIC SCALE

20 0 10 20 40 80

(IN FEET)
1 inch = 20 ft.

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

STATE OF NEW YORK
DANIEL R. HERSHBERG
LICENSED PROFESSIONAL ENGINEER & LAND SURVEYOR
044226

DATE
REMARKS
REVISIONS

EROSION AND SEDIMENT CONTROL PLAN
60 COLVIN AVENUE
ALBANY, NEW YORK

FILE: 19062 | SCALE: AS SHOWN | BY: AS | CHK: DRH | DATE: 6/19/2020 | 19062-E.DWG

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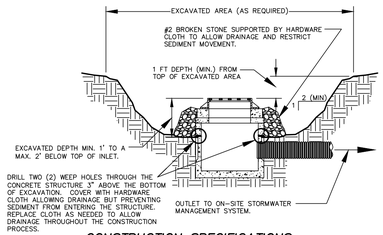


CONSTRUCTION SPECIFICATIONS:

1. INSTALL INLET PROTECTION IN ACCORDANCE WITH THE JULY 2016 "NEW YORK STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL".
2. CLEAR THE AREA OF ALL DEBRIS THAT WILL HINDER EXCAVATION.
3. GRADE APPROACH TO THE INLET UNIFORMLY AROUND THE BASIN.
4. WEEP HOLES SHALL BE PROTECTED BY 2"ø STONE OR GRAVEL.
5. 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.
6. THE MAXIMUM DRAINAGE AREA SHALL BE 1 ACRE.

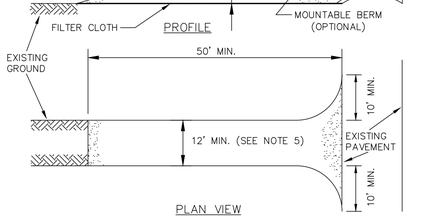
DESIGN CRITERIA:

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.

EXCAVATED DROP INLET PROTECTION

NOT TO SCALE



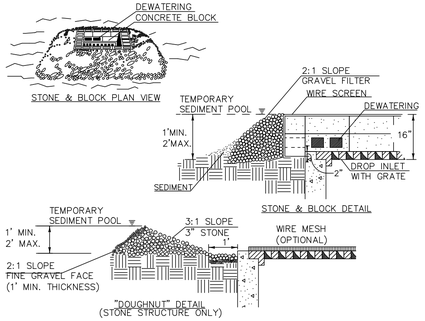
PLAN VIEW

CONSTRUCTION SPECIFICATIONS:

1. INSTALL CONSTRUCTION ACCESS IN ACCORDANCE WITH "NEW YORK STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL", SECTION 7A.
2. STONE SIZE –USE 2" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
3. LENGTH – NOT LESS THAN 50 FEET)EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30 FOOT MINIMUM LENGTH WOULD APPLY).
4. THICKNESS– NOT LESS THAN (6) INCHES.
5. 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.
5. STABILIZATION FABRIC – WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
6. 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.
7. 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.
8. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS ONTO AN APPROVED SEDIMENT TRAPPING DEVICE.
9. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

STABILIZED CONSTRUCTION ACCESS DETAIL

NOT TO SCALE

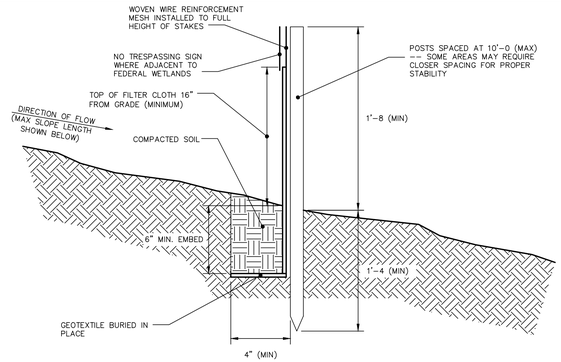


CONSTRUCTION SPECIFICATIONS

1. 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.
2. HARDWARE CLOTH OR 1/2" WIRE MESH SHALL BE PLACED OVER BLOCK OPENINGS TO SUPPORT STONE.
3. 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.
4. 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

STONE AND BLOCK DROP INLET PROTECTION DETAIL

NOT TO SCALE



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

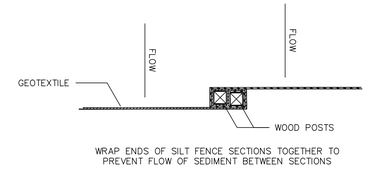
1. INSTALL SILT FENCE IN ACCORDANCE WITH "THE NEW YORK STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL", SECTION 7A.
2. WOVEN WIRE FENCE SHALL BE 12 1/2 GA., 6" MAXIMUM MESH OPENING, FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES.
3. FILTER CLOTH TO BE TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION.
4. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE WRAPPED TOGETHER PER SILT FENCE JOINT DETAIL ON THIS SHEET.
5. 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.

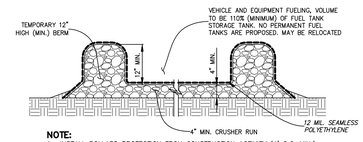
PREFABRICATED UNIT: GEOFAB, ENVIROFENCE, OR APPROVED EQUAL.



WRAP ENDS OF SILT FENCE SECTIONS TOGETHER TO PREVENT FLOW OF SEDIMENT BETWEEN SECTIONS

SILT FENCE JOINT DETAIL

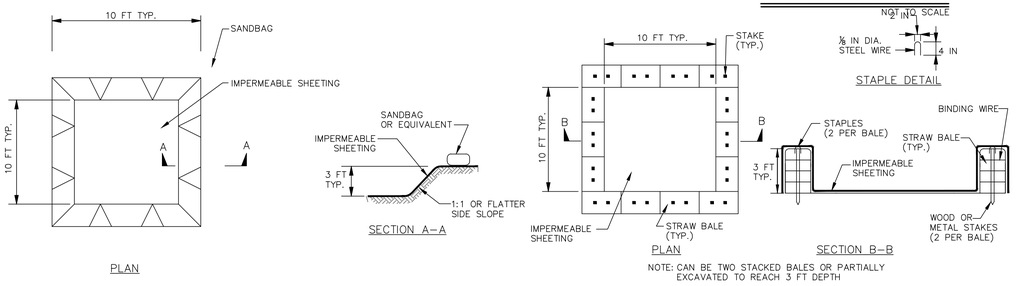
SILT FENCE DETAIL



NOTE:
1. INSTALL BOLLARD PROTECTION FROM CONSTRUCTION ACTIVITY (4' O.C. MIN.).

VEHICLE AND EQUIPMENT FUELING DETAIL

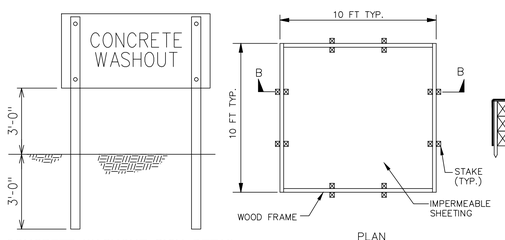
NOT TO SCALE



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

EXCAVATED WASHOUT STRUCTURE

WASHOUT STRUCTURE WITH STRAW BALES



CONCRETE WASHOUT SIGN DETAIL

(OR EQUIVALENT)

WASHOUT STRUCTURE WITH WOOD PLANKS

CONSTRUCTION SPECIFICATIONS

1. 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.
2. 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.
3. 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.
4. PROVIDE A SIGN FOR THE WASHOUT IN CLOSE PROXIMITY TO THE FACILITY.
5. 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.

ONSITE CONCRETE TRUCK WASHOUT STRUCTURE DETAIL

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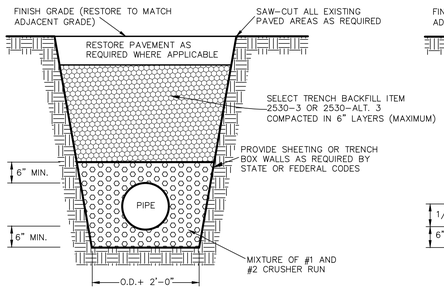
Albany, New York 12203

STATE OF NEW YORK · DANIEL R. HERSHBERG · LICENSED PROFESSIONAL ENGINEER & LAND SURVEYOR · 044226

DATE
REMARKS
REVISIONS

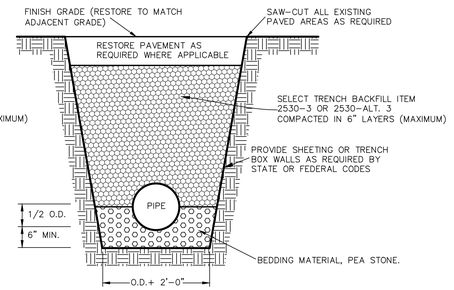
EROSION AND SEDIMENT CONTROL DETAILS
60 COLVIN AVENUE
ALBANY, NEW YORK

FILE: 190162 · SCALE: AS SHOWN · BY: AS · CHK: DRH · DATE: 6/19/2020 · 190162-6.DWG



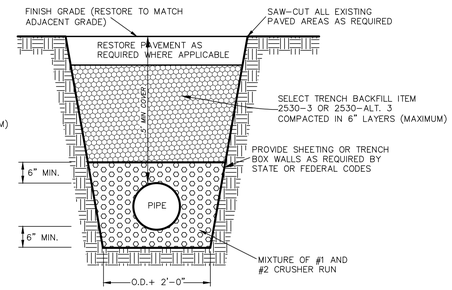
TYPICAL SANITARY SEWER TRENCH DETAIL

NOT TO SCALE



TYPICAL STORM SEWER TRENCH DETAIL

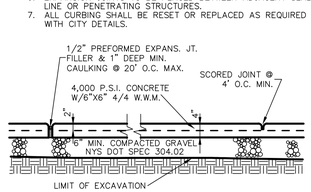
NOT TO SCALE



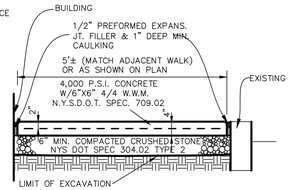
TYPICAL WATER PIPE TRENCH DETAIL

NOT TO SCALE

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 SIDEWALK REPLACEMENT SHALL BE TO FULL PANEL LIMITS. PARTIAL REPLACEMENTS 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.



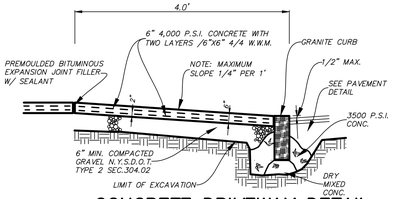
LONGITUDINAL SECTION



CROSS SECTION

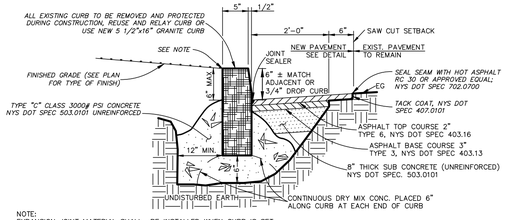
CONCRETE WALK REPAIR DETAIL IN CITY R.O.W.

NOT TO SCALE



CONCRETE DRIVEWAY DETAIL

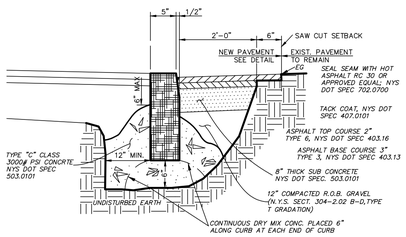
NOT TO SCALE



NOTE:
EXPANSION JOINT MATERIAL SHALL BE INSTALLED WHEN CURB IS SET AGAINST NEW OR EXISTING SIDEWALK AS ORDERED BY THE ENGINEER

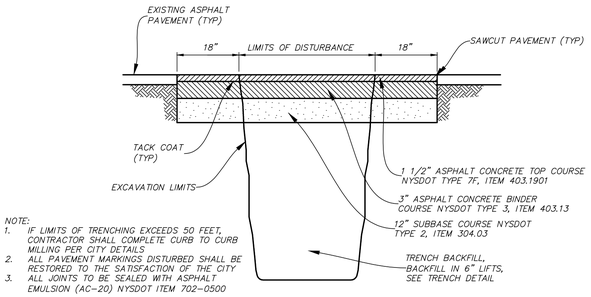
NEW OR RELAY CURB DETAIL (CITY R.O.W.)

NOT TO SCALE



GRANITE DROP CURB DETAIL

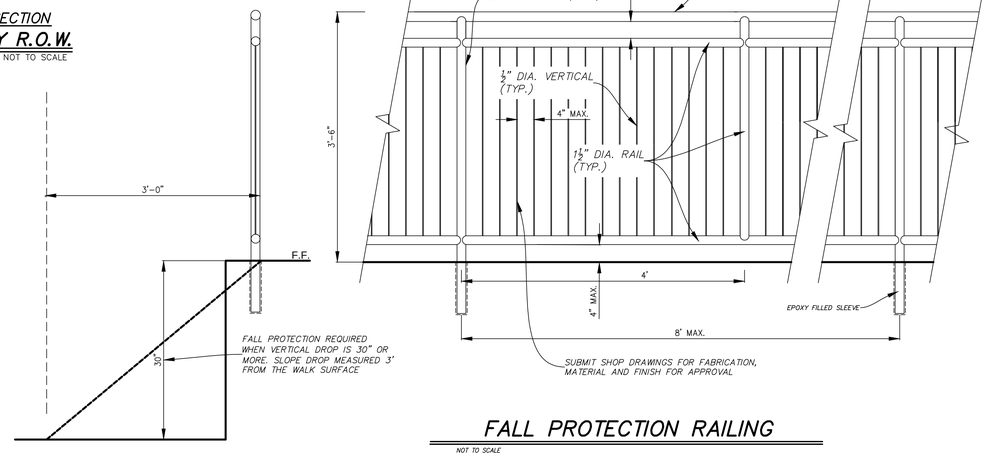
NOT TO SCALE



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) NYSDOT ITEM 702-0500

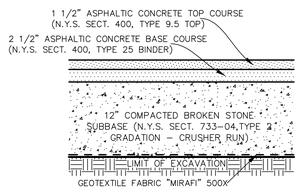
STREET RESTORATION ASPHALT PAVEMENT

NOT TO SCALE



FALL PROTECTION RAILING

NOT TO SCALE



PAVEMENT DETAIL

NOT TO SCALE

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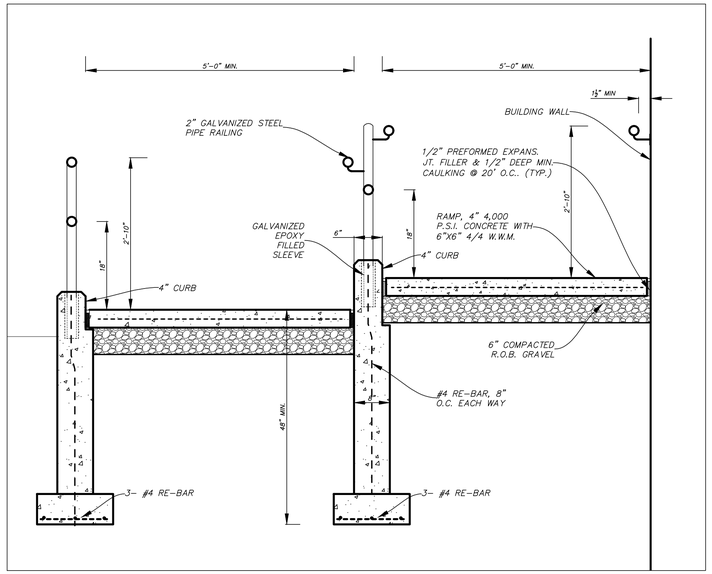
044226

REVISIONS	REMARKS	DATE

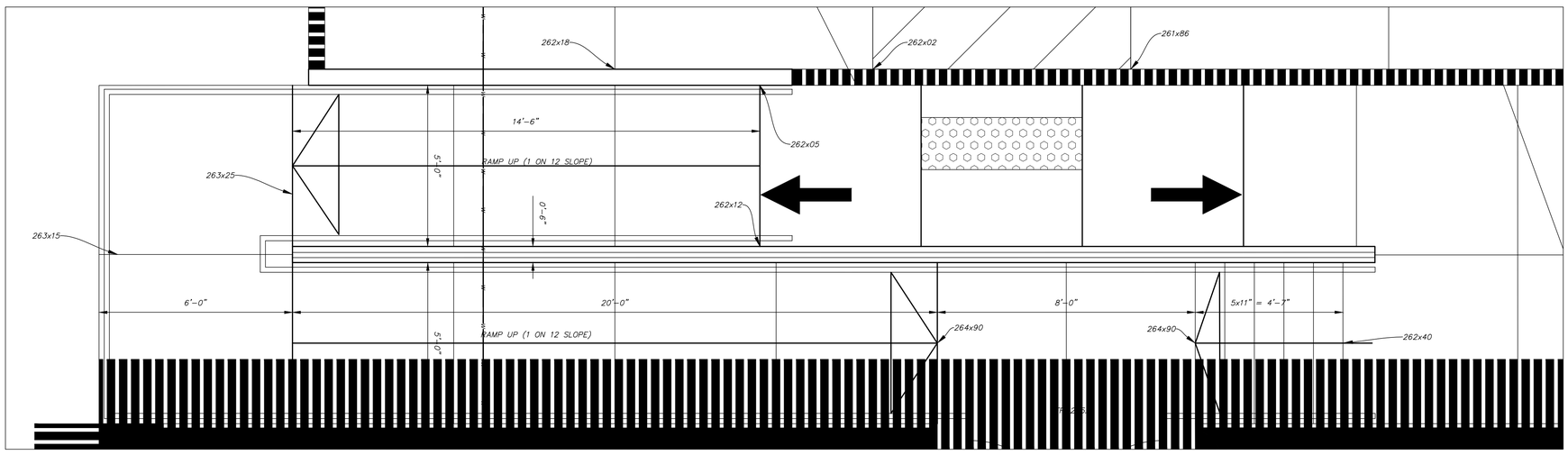
SITE DETAILS
60 COLVIN AVENUE
ALBANY, NEW YORK

FILE: 190162 | SCALE: AS SHOWN | BY: AS | CHK: DRH | DATE: 6/19/2020 | 190162-6.DWG



HANDICAPPED RAMP SECTION

NOT TO SCALE



HANDICAPPED RAMP PLAN

NOT TO SCALE

FOR MUNICIPAL APPROVAL ONLY-NOT INTENDED FOR CONSTRUCTION

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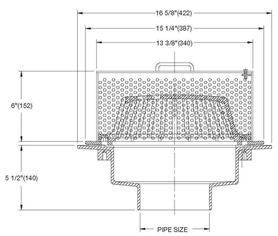
HANDICAPPED RAMP DETAILS
60 COLVIN AVENUE
ALBANY, NEW YORK

FILE: 190162
SCALE: AS SHOWN
BY: AS
CHK: DRH
DATE: 6/19/2020
190162-6.DWG

WATTS | GRD-690 Tag: _____ | Green Roof Shallow Planter Drain

SPECIFICATION: Watts Drainage GRD-690 epoxy coated cast iron green roof drain with flashing clamp, self-locking ductile iron dome, perforated stainless steel gravel guard with secured solid cover and lift handle, and no hub (standard) outlet.



Pipe Sizing (Select One)		
Suffix	Description	
2	2"(51) Pipe Size (NH Only)	☐
3	3"(76) Pipe Size	☐
4	4"(102) Pipe Size	☐
5	5"(127) Pipe Size (NH Only)	☐
6	6"(152) Pipe Size	☐
8	8"(203) Pipe Size	☐
10	10"(254) Pipe Size (NH Only)	☐

Outlet Type (Select One)		
Suffix	Description	
NH	No Hub (NL)	☐
P	Push On	☐
S	Inside Caulk	☐

Options (Select One or More)		
Suffix	Description	
13	Galvanized Body & Flashing Clamp	☐
B	Sump Receiver	☐
D	Underdeck Clamp	☐
F	Deck Flange/Adj. Extension	☐
ASE	Buy American Compliant	☐

Deck opening 14-1/2"(368) with sump receiver 18"(457)

Job Name _____ Contractor _____

Job Location _____ Contractor's P.O. No. _____

Engineer _____ Representative _____

Watts product specifications in U.S. customary units and metric are approximate and are provided for reference only. For precise measurements, please contact Watts Technical Service. Watts reserves the right to change or modify product design, construction, specifications, or materials without prior notice and without incurring any obligation to make such changes and modifications on Watts products previously or subsequently sold.

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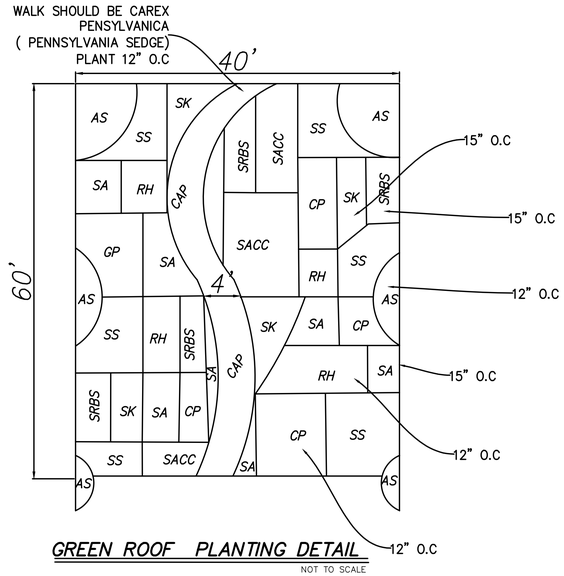
ES-WD-GRD-690-USA 1532

ROOF DRAIN FOR GREEN ROOF DETAIL

NOT TO SCALE



GREEN ROOF PLANTING DETAIL

NOT TO SCALE

PLANT MATERIAL SCHEDULE (GREEN ROOF)

SYM	BOTANICAL NAME	COMMON NAME	SIZE	COMMENTS
		PERENNIALS		
AN	ASTER NOVAE-ANGLIA	NEW ENGLAND ASTER	#2 CONT.	CONTAINER GROWN
AS	WILD CHIVES	ALLIUM SCHOENPRAVUM	#1 CONT.	CONTAINER GROWN
CAP	CAREX PENSYLVANICA	PENNSYLVANIA SEDGE	1 YR PLANTS	CONTAINER GROWN
CP	COREOPSIS PALMATA	PRARIE COREPSIS	#1 CONT.	CONTAINER GROWN
RH	RUELLA HUMILIS	WILD PETUNIA	LP 50 PLUGS	12" O.C OR 15" O.C
SA	SEDUM ALBUM	WHITE STONECROP	4CM PLUGS	CONTAINER GROWN
SACC	SEDUM ALBUM 'CORAL CARPET'	CORAL CARPET SEDUM	4CM PLUGS	CONTAINER GROWN
SK	SEDUM KAMTSCHATICUM VAR. FLORIFERUM 'WEIHENSTEPHANER GOLD'	ORANGE STONECROP	4CM PLUGS	CONTAINER GROWN
SRBS	SEDUM REFLEXUM 'BLUE SPRUCE'	SHOWY STONECROP	4CM PLUGS	CONTAINER GROWN
SS	SEDUM SEXANQULARE	TASTELESS STONECROP	4CM PLUGS	CONTAINER GROWN

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DATE | REMARKS | REVISIONS

GREEN ROOF DETAILS
60 COLVIN AVENUE
ALBANY, NEW YORK

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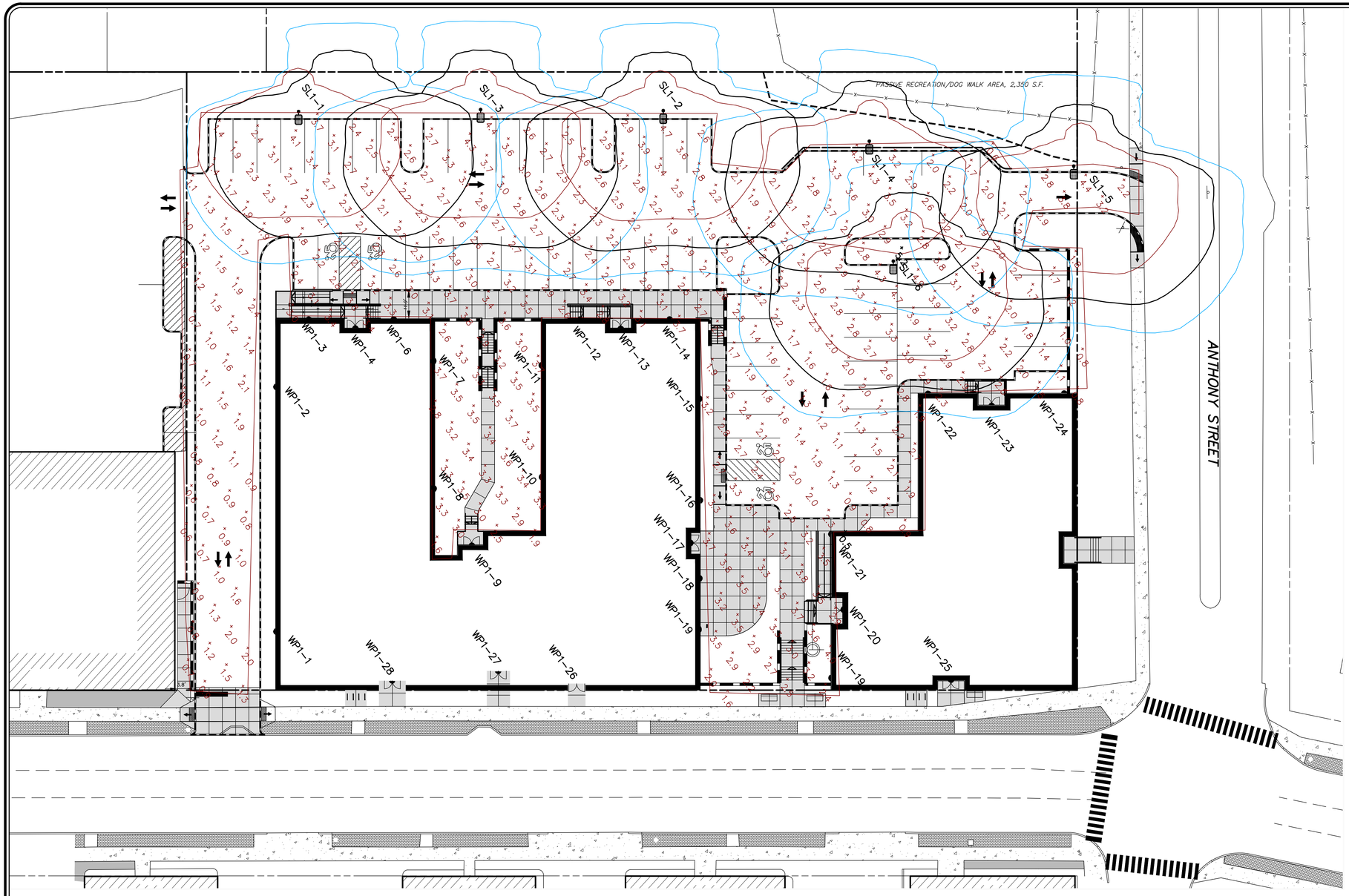

MAGNETIC

GRAPHIC SCALE

20 0 10 20 40 80

(IN FEET)
1 inch = 20 ft.

Schedule

Symbol	Label	Image	QTY	Manufacturer	Catalog Number	Description	Lamp	LLF	Wattage	Distribution	Polar Plot
	SL1		6	Lithonia Lighting	DSX0 LED P5 40K T4M MVOLT SPA DDBXD SSS 16 4C DM19AS DDB	DSX0 LED P5 40K T4M MVOLT	LED	0.9	89	TYPE IV, SHORT, BUG RATING: B2 – U0 G3	–
	WP1		28	Lithonia Lighting	DSXW1 LED 20C 700 40K T3M MVOLT	DSXW1 LED WITH (2) 10 LED LIGHT ENGINES, TYPE T3M OPTIC, 4000K, @ 700mA.	LED	0.9	45.7	TYPE IV, MEDIUM, BUG RATING: B1 – U0 G2	–

Note
1. FIXTURE TYPE SL1 IS SHOWN POLE MOUNTED AT 18' ABOVE FINISHED GRADE (16' POLE, 2' ABOVE GRADE BASE).
2. FIXTURE TYPE WP1 IS SHOWN WALL MOUNTED AT 15' ABOVE FINISHED GRADE.

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DATE	REMARKS
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LIGHTING PLAN
60 COLVIN AVENUE
ALBANY, NEW YORK

FILE: 190162
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190162-6.DWG

LINCOLN AVENUE

ANTHONY STREET

ASPHALT TRANSITION AT CURB LINE

6' HIGH CHAIN LINK FENCE AT CURB LINE

6' HIGH CHAIN LINK FENCE AT CURB LINE

"CONSTRUCTION AHEAD" AND "CAUTION: TRUCK ENTERING' SIGNS

250'

EXISTING TURNING LANE

TEMPORARY CENTER LINE

14.35'

14.35'

5'

LINE OF JERSEY BARRIERS

5' WIDE PEDESTRIAN WALKWAY

250'

"CONSTRUCTION AHEAD" AND "CAUTION: TRUCK ENTERING' SIGNS

COLVIN AVENUE

MAGNETIC

GRAPHIC SCALE

20 0 10 20 40 80

(IN FEET)
1 inch = 20 ft.

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	REVISIONS

WORK ZONE TRAFFIC PROTECTION PLAN
60 COLVIN AVENUE
ALBANY, NEW YORK

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DATE	REMARKS
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TRUCK ROUTING PLAN
60 COLVIN AVENUE
ALBANY, NEW YORK

FILE: 180162 | SCALE: AS SHOWN | BY: AS | CHK: DRH | DATE: 6/19/2020 | 180162-6.DWG