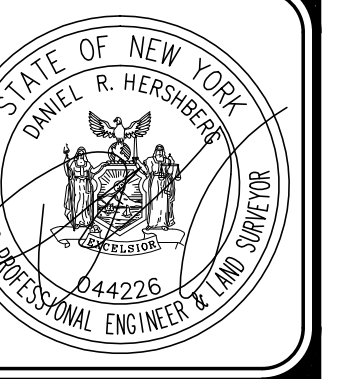


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and Land Surveyors

18 Locust Street
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[illegible]

COVER SHEET
No.67 LIVINGSTON AVENUE
CITY OF ALBANY STATE OF NEW YORK

2019-2020

2000

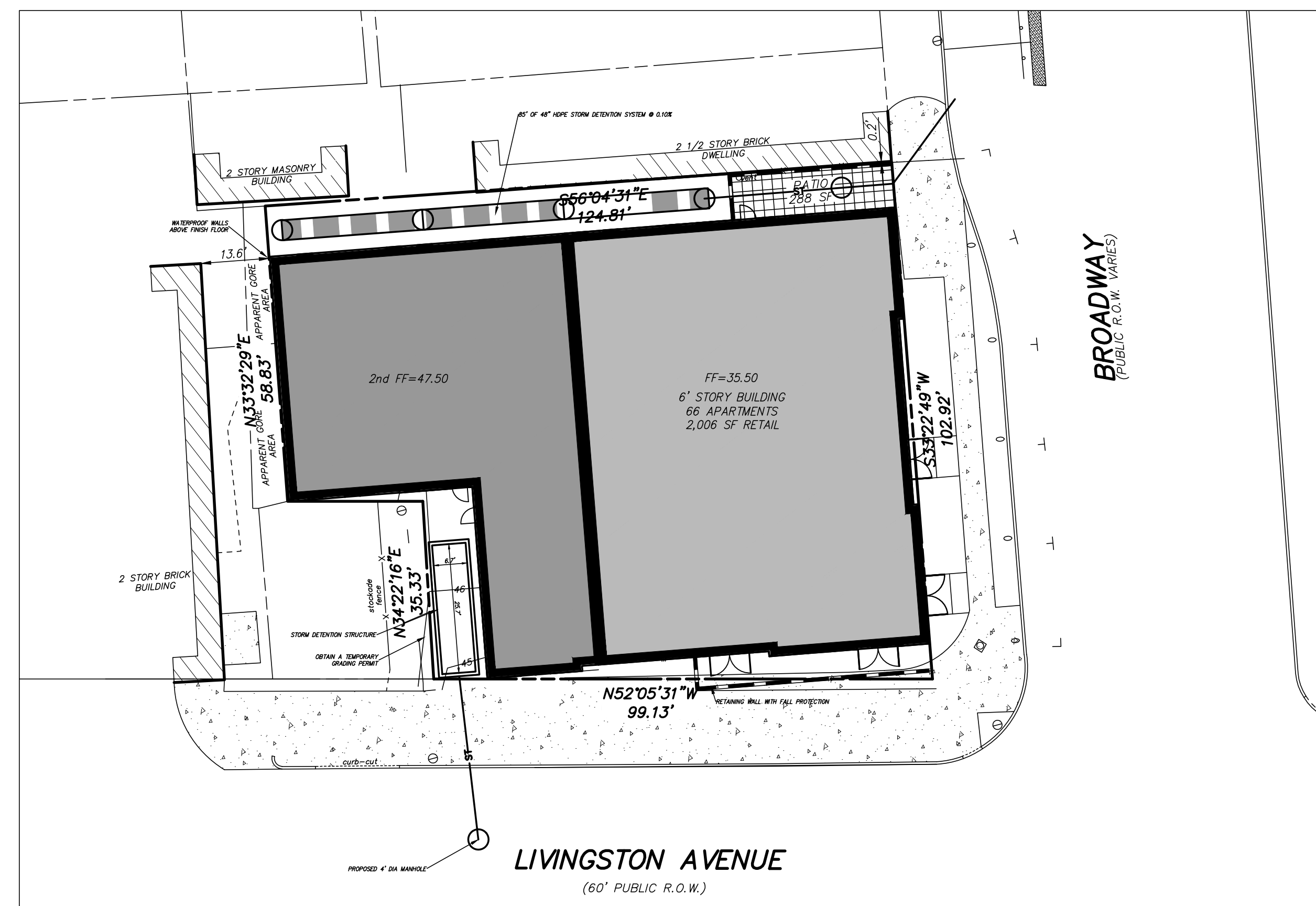
02/06/2019

Page 1 of 10

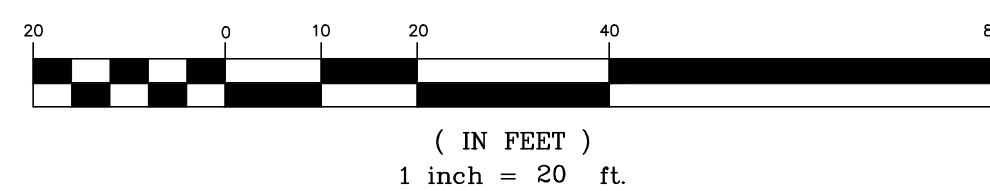
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VICINITY MAP

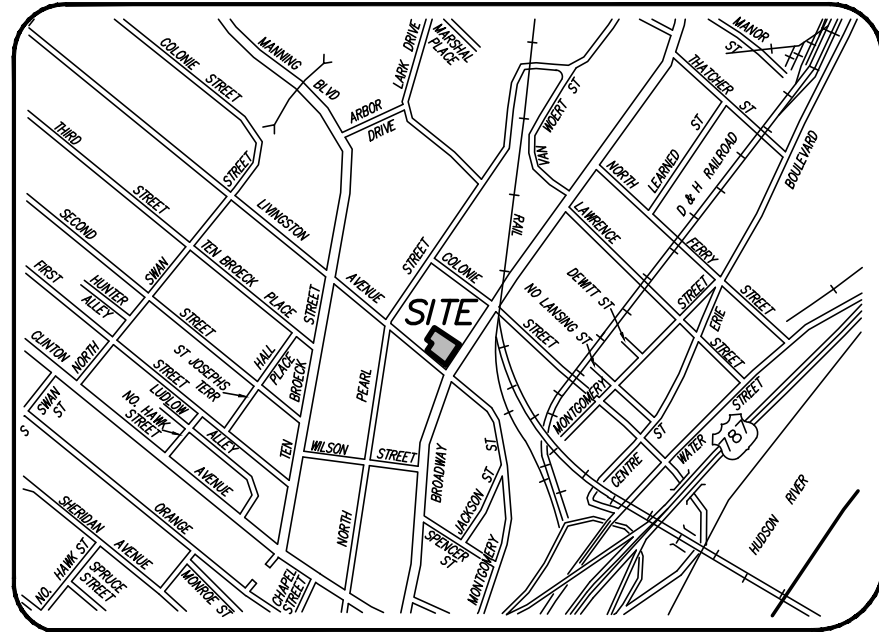
MAP NOT TO SCALE



GRAPHIC SCALE



FOR MUNICIPAL APPROVAL ONLY-NOT INTENDED FOR CONSTRUCTION



VICINITY MAP
MAP NOT TO SCALE

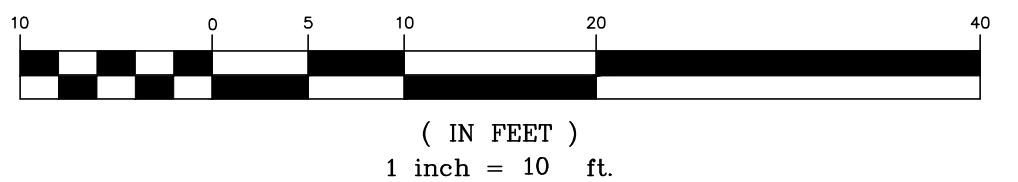
LEGEND

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	—	FENCE LINE
R	RECORD	—	GUARD RAIL
M	MEASURED	—	OVERHEAD WIRE, UTILITY POLE & GUY WIRE
N	NORTH	↑	TRAFFIC FLOW ACCESS AREA
S	SOUTH	↓	WATER SHUT OFF
E	EAST	⊗	WATER VALVE
W	WEST	⊗	HYDRANT
tel.	TELEPHONE	⊗	GAS VALVE
elec.	ELECTRIC	○	STREET LIGHT
L	LIBER	☆	LIGHT POLE
P.	PAGE	●	C.O. CLEAN OUT
O	PARKING METER	●	VENT
ST	STORM LINE	▨	CONCRETE
SW	SEWER LINE	▨	PAVEMENT
C	COMBINED SEWER LINE	▨	COBBLESTONE
W	WATER LINE	▨	STONE
G	GAS LINE		
UE	UNDERGROUND ELECTRIC		
T	UNDERGROUND TELEPHONE		

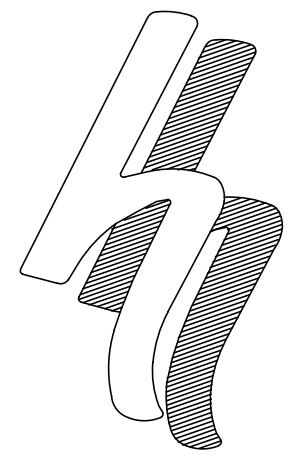
GENERAL NOTES

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5. THIS SURVEY MAP IS SUBJECT TO WHATEVER FACTS AN ACCURATE AND CURRENT ABSTRACT OF TITLE MAY SHOW.
6. SPOT ELEVATIONS AND CONTOURS ARE BASED ON NAVD83 DATUM.
7. UNDERGROUND UTILITIES SHOWN ARE TAKEN FROM FIELD LOCATION WHERE POSSIBLE AND FROM RECORD DATA. THEIR EXACT LOCATION IN THE FIELD MAY DIFFER FROM THAT SHOWN HEREIN AND ADDITIONAL UTILITIES MAY EXIST. CALL 800-487-7862 TO HAVE UTILITIES MARKED ON SITE PRIOR TO COMMENCEMENT OF CONSTRUCTION.

GRAPHIC SCALE



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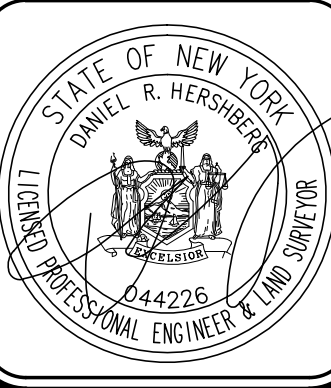


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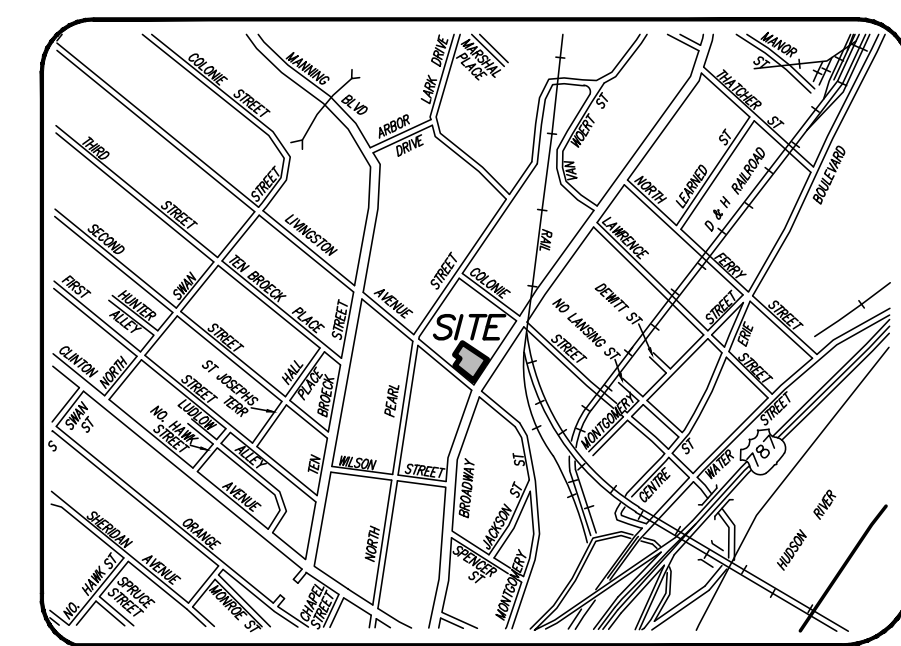
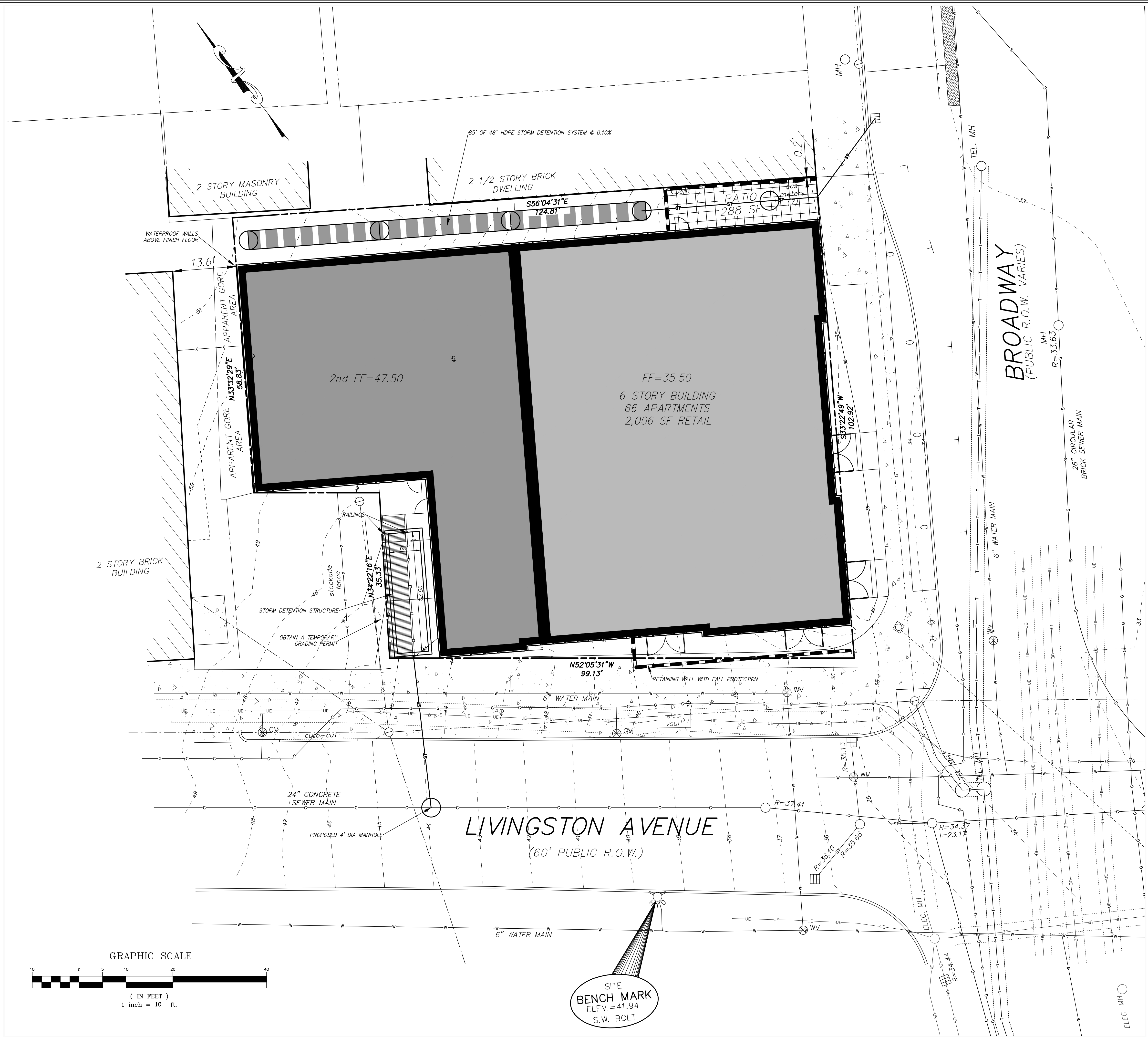


DATE	
REMARKS	
REVISIONS	

EXISTING CONDITIONS PLAN
No. 67 LIVINGSTON AVENUE
CITY OF ALBANY STATE OF NEW YORK

FILE: 180196 DATE: 3-26-2019 CHK: DRH BY: SAC

C1



VICINITY MAP
MAP NOT TO SCALE

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		FENCE LINE
R	RECORD		GUARD RAIL
M	MEASURED		OVERHEAD WIRE, UTILITY POLE & GUY WIRE
N	NORTH		TRAFFIC FLOW ACCESS AREA
S	SOUTH		WATER SHUT OFF
E	EAST		WATER VALVE
W	WEST		HYDRANT
tel.	TELEPHONE		GAS VALVE
elec.	ELECTRIC		STREET LIGHT
L	LUBER		LIGHT POLE
P.	PAGE		CLEAN OUT
O	PARKING METER		VENT
ST	STORM LINE		CONCRETE
S	SEWER LINE		PAVEMENT
C	COMBINED SEWER LINE		COBBLESTONE
W	WATER LINE		STONE
G	GAS LINE		
UE	UNDERGROUND ELECTRIC		
T	UNDERGROUND TELEPHONE		

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5. THIS SURVEY MAP IS SUBJECT TO WHATEVER FACTS AN ACCURATE AND CURRENT ABSTRACT OF TITLE MAY SHOW.
6. SPOT ELEVATIONS AND CONTOURS ARE BASED ON NAVD88 DATUM.
7. UNDERGROUND UTILITIES SHOWN ARE TAKEN FROM FIELD LOCATION WHERE POSSIBLE AND FROM RECORD DATA. THEIR EXACT LOCATION IN THE FIELD MAY DIFFER FROM THAT SHOWN HEREIN AND ADDITIONAL UTILITIES MAY EXIST. CALL DIG SAFELY NEW YORK AT 1-800-962-7962 TO HAVE UTILITIES MARKED ON SITE PRIOR TO COMMENCEMENT OF CONSTRUCTION.

EXISTING SITE COVERAGE STATISTICS			
description	s.f.	acres	%
building area	699	0.01	6.1
green area	9,940	0.23	87.4
paved area	738	0.02	6.5
total area	11,377	0.26	100.0

PROPOSED SITE COVERAGE STATISTICS			
description	s.f.	acres	%
building area	9,442	0.21	83.0
green area	1,157	0.03	10.2
paved area	778	0.02	6.8
total area	11,377	0.26	100.0

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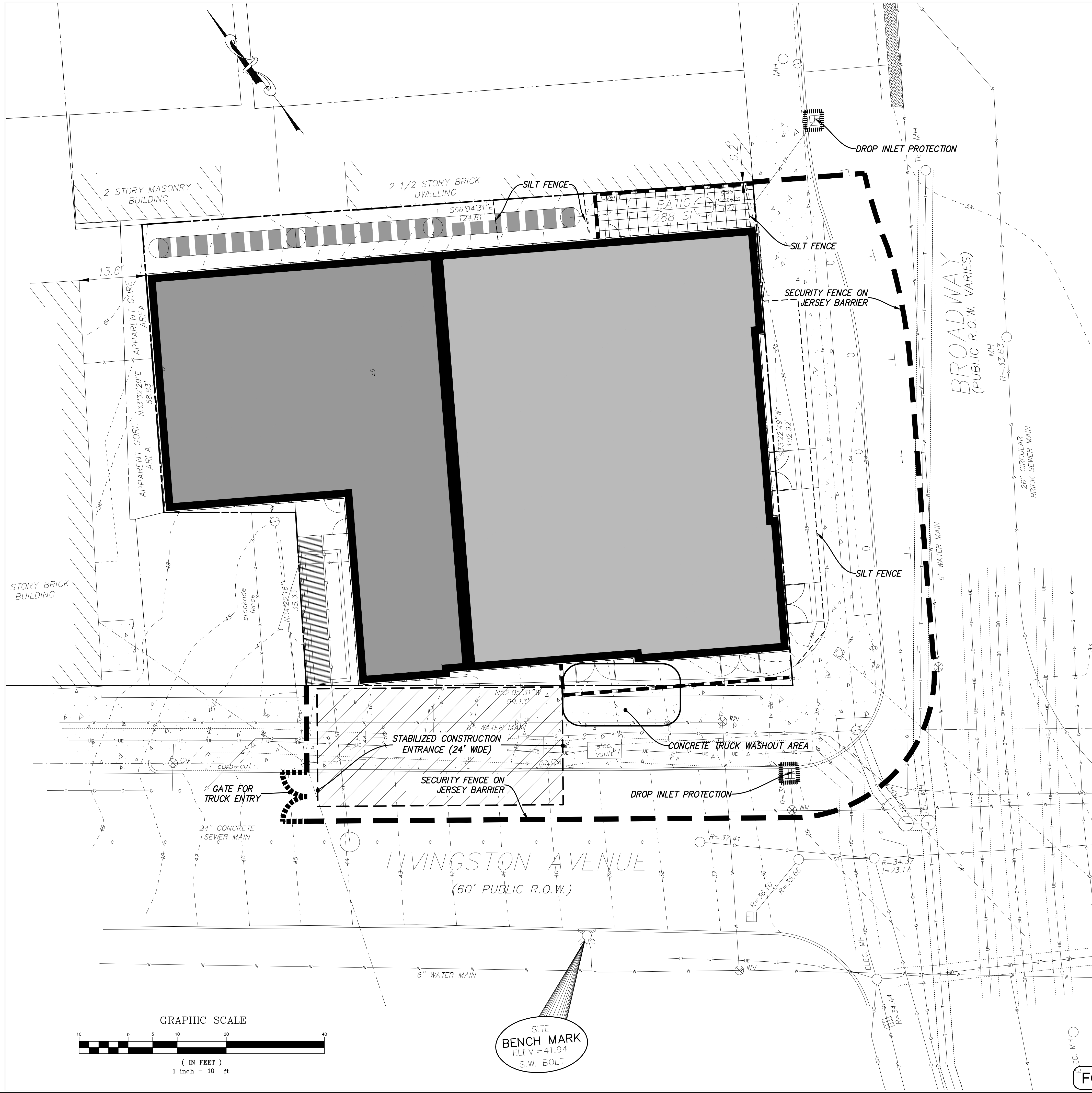
DATE	
REMARKS	
REVISIONS	

EXISTING CONDITIONS
No.67 LIVINGSTON AVENUE
CITY OF ALBANY STATE OF NEW YORK

FILE: 180196
SCALE: 1"=10'
BY: SAC
CHK: DRH
DATE: 3-26-2019
180196-LDWG

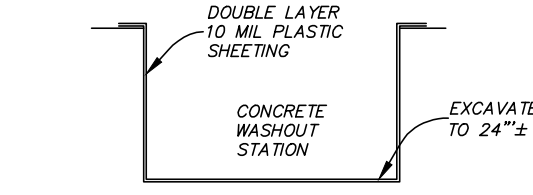
C3

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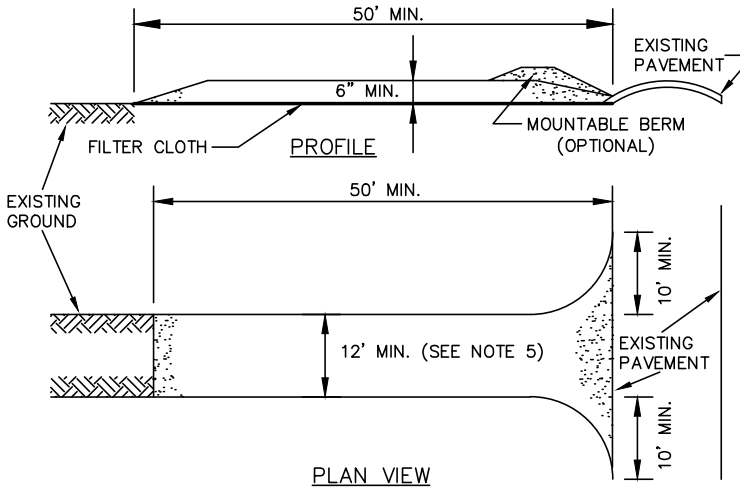


EROSION AND SEDIMENT CONTROL LEGEND

----- PROPOSED SEDIMENT CONTROL FENCE



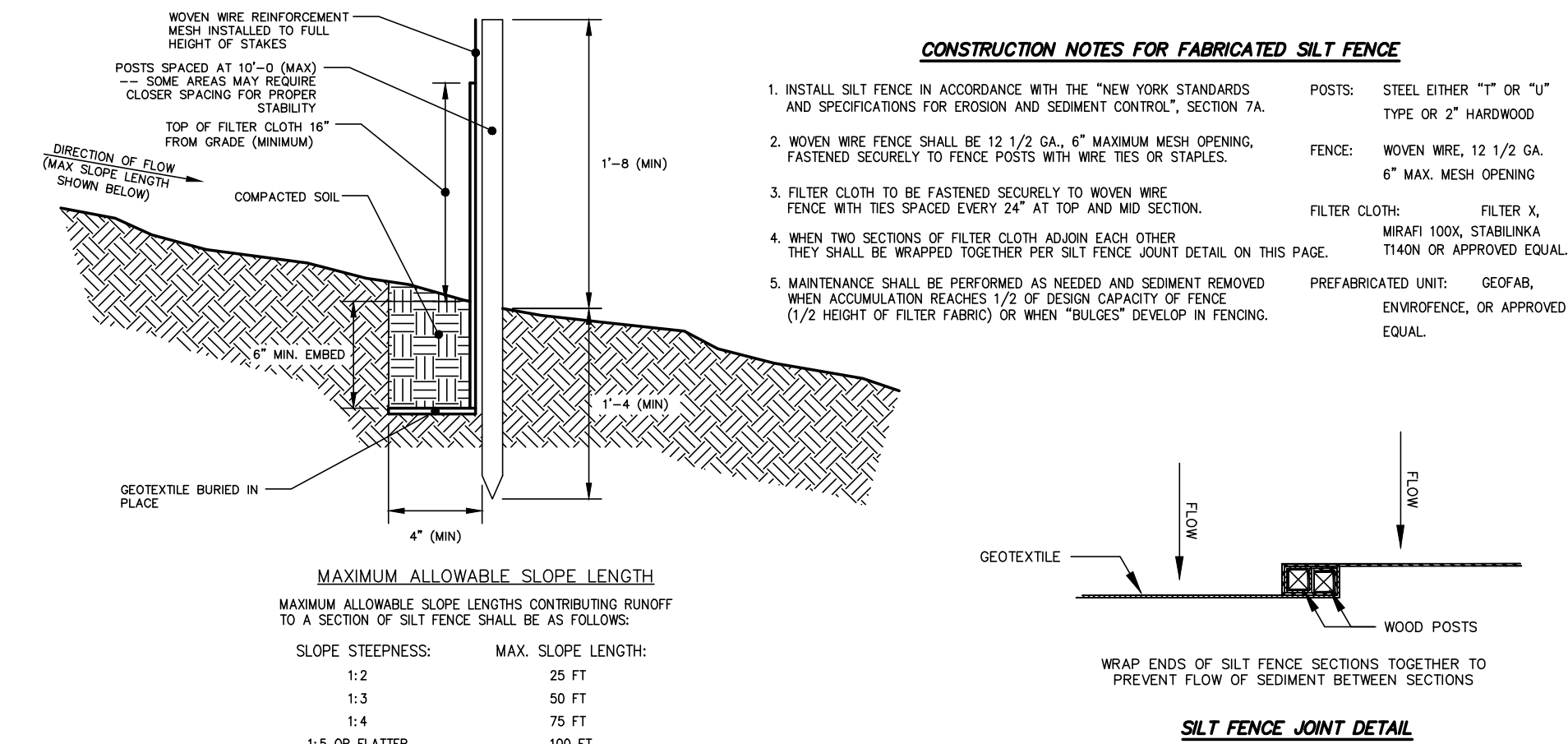
CONCRETE TRUCK WASHOUT SECTION
NOT TO SCALE



CONSTRUCTION SPECIFICATIONS

1. INSTALL CONSTRUCTION ENTRANCE 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.
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 ENTRANCE 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.
8. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
9. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

STABILIZED CONSTRUCTION ENTRANCE DETAIL
NOT TO SCALE



SEDIMENT CONTROL FENCE INSTALLATION DETAIL
NOT TO SCALE

EROSION AND SEDIMENT CONTROL NOTES

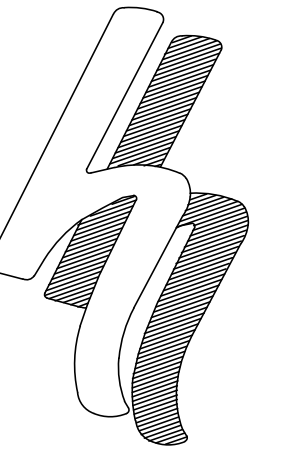
1. ANY CONTRACTOR INVOLVED IN EARTHWORK ACTIVITIES, INCLUDING BUT NOT LIMITED TO: CLEARING, GRADING AND TRENCHING, SHALL REVIEW ALL PERMIT CONDITIONS AND CERTIFY UNDERSTANDING OF THESE CONDITIONS, IN WRITING, IT IS THE CONTRACTOR'S RESPONSIBILITY TO IMPLEMENT ALL EROSION CONTROLS DESCRIBED IN GPO-008-01, 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.
2. AT NO TIME, SHALL MORE THAN FIVE (5) ACRES REMAIN UNSTABILIZED. THE CONTRACTOR SHALL COORDINATE EARTHWORK ACTIVITIES AND IMPLEMENTATION OF SOIL STABILIZATION MEASURES TO ENSURE COMPLIANCE TO THIS PERMIT REQUIREMENT.
3. THE CONTRACTOR SHALL MAINTAIN A CLEAN CONSTRUCTION AND EQUIPMENT ENTRANCE, WHENEVER PRACTICABLE.
4. DISTURBED AREAS SHALL BE STABILIZED WITHIN 14 DAYS OF COMPLETION OR SUSPENSION OF GRADING OPERATIONS.
5. INSTALL TEMPORARY & PERMANENT SEEDING IN ACCORDANCE WITH THE NEW YORK GUIDELINES FOR URBAN EROSION AND SEDIMENT CONTROL, STANDARD AND SPECIFICATION FOR CRITICAL AREA SEEDING PAGE 3.3 AND FOR MULCHING PAGE 3.31.
6. IMPROVEMENTS SHOWN ARE FOR REFERENCE ONLY SEE OTHER SHEETS FOR SITE UTILITY AND GRADING.
7. 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.

TEMPORARY EROSION AND SEDIMENT CONTROL NOTES

1. EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED IN ACCORDANCE WITH THE LATEST EDITION OF 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 SECTION 7A OF THE BLUE BOOK 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, 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 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. SILT FENCING SHALL BE INSPECTED REGULARLY FOR UNDERMINING AND DETERIORATION.
 - E. SEEDD/AUGMENTED 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 CITY, VILLAGE OR TOWN ENGINEER HAS APPROVED FINAL STABILIZATION.
5. CHECK DAMS AND SILT FENCE SHALL BE INSTALLED IN ACCORDANCE WITH PLAN AND DETAIL LOCATIONS AND AS DESCRIBED IN GPO-010-01.
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.
8. EXISTING PAVEMENT AREAS SHALL BE CLEANED AT THE DIRECTION OF THE CITY, VILLAGE, OR TOWN ENGINEER.
9. WATER TRUCKS SHALL BE USED TO MINIMIZE DUST POLLUTION ON SITE, AND ON ADJACENT ROADWAY AREAS AS DIRECTED BY THE CITY, VILLAGE, OR TOWN 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 DEVELOPER OR CONTRACTOR AND PROTECTED IN ACCORDANCE WITH GPO-010-01.
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 CITY, VILLAGE, OR TOWN ENGINEER.
14. STOCK PILES SHALL BE PROTECTED BY HAY BALE BERMS PER GPO-010-01. THESE BERMS 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 GPO-010-01.
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, FILTER FABRIC SHALL BE PLACED UNDER THE GRATE AND SHALL REMAIN UNTIL THE DRAINAGE AREA IS STABILIZED.
22. CLEARING OPERATIONS SHALL BE LIMITED TO ACTIVE WORK AREAS.
23. CARE SHALL BE TAKEN TO PRESERVE AS MUCH EXISTING VEGETATION AS POSSIBLE AND HEALTHY TREES OF DESIRABLE SPECIES SHALL BE PROTECTED.
24. 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.

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 FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIE SPACES 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 PAGE.
 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 OTHER "T" OR "U" TYPE OR 2" HARDWOOD
FENCE: WOVEN WIRE, 12 1/2 GA, 6" MAX MESH OPENING
FILTER CLOTH: FILTER X, WRAFI 1000, STABILURAK 1140N OR APPROVED EQUAL.
PREFABRICATED UNIT: GEOTAB, ENVROFENCE, OR APPROVED EQUAL.



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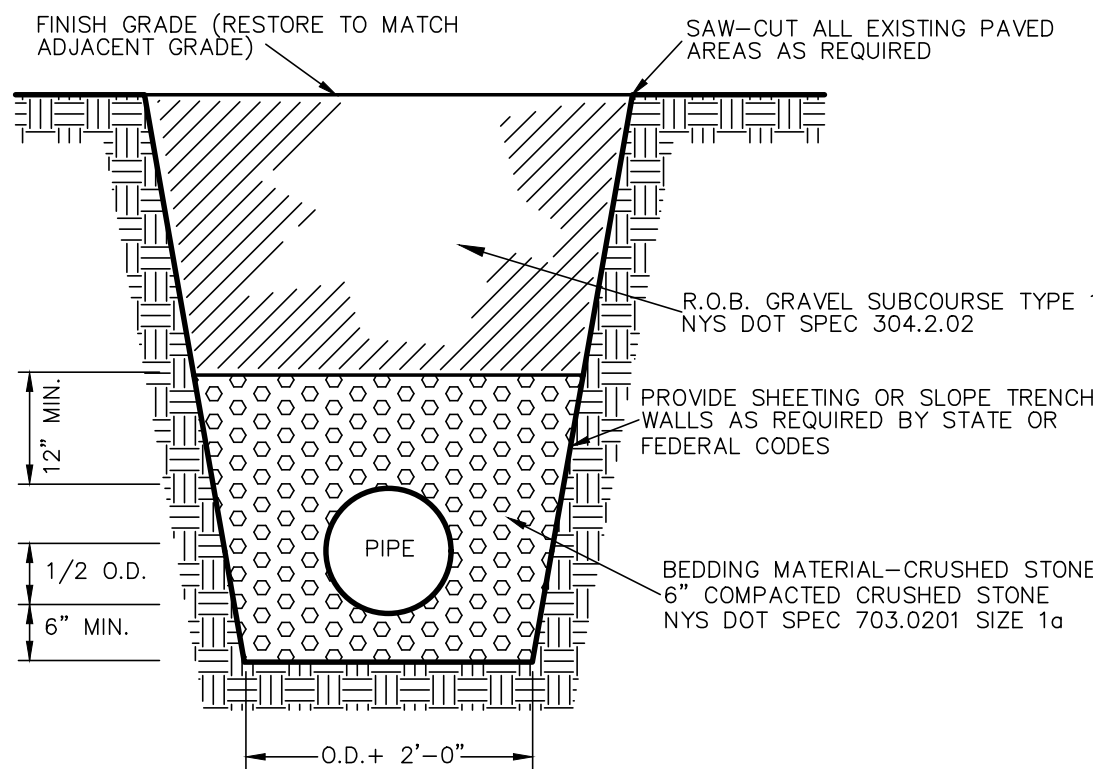


DATE	REVISIONS

EROSION AND SEDIMENT CONTROL
No. 67 LIVINGSTON AVENUE
CITY OF ALBANY STATE OF NEW YORK

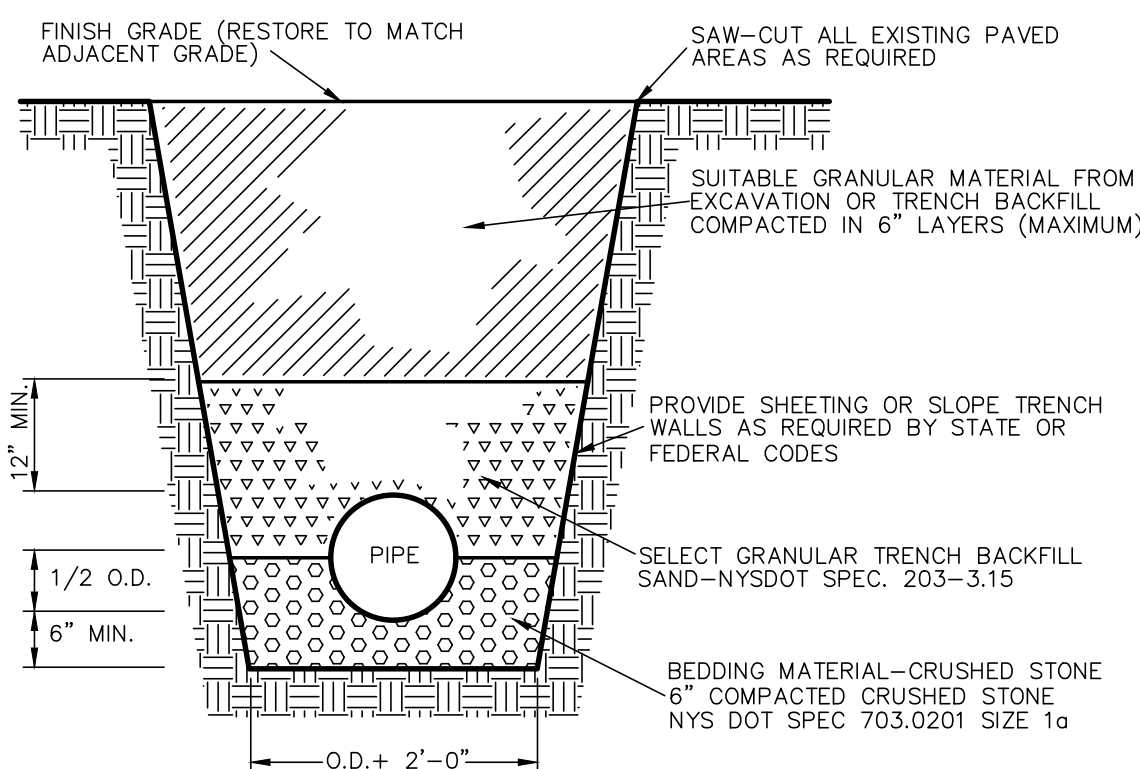
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SCALE: 1"=10'
DATE: 3-26-2019
CHK: DRH
BY: SAC

C4



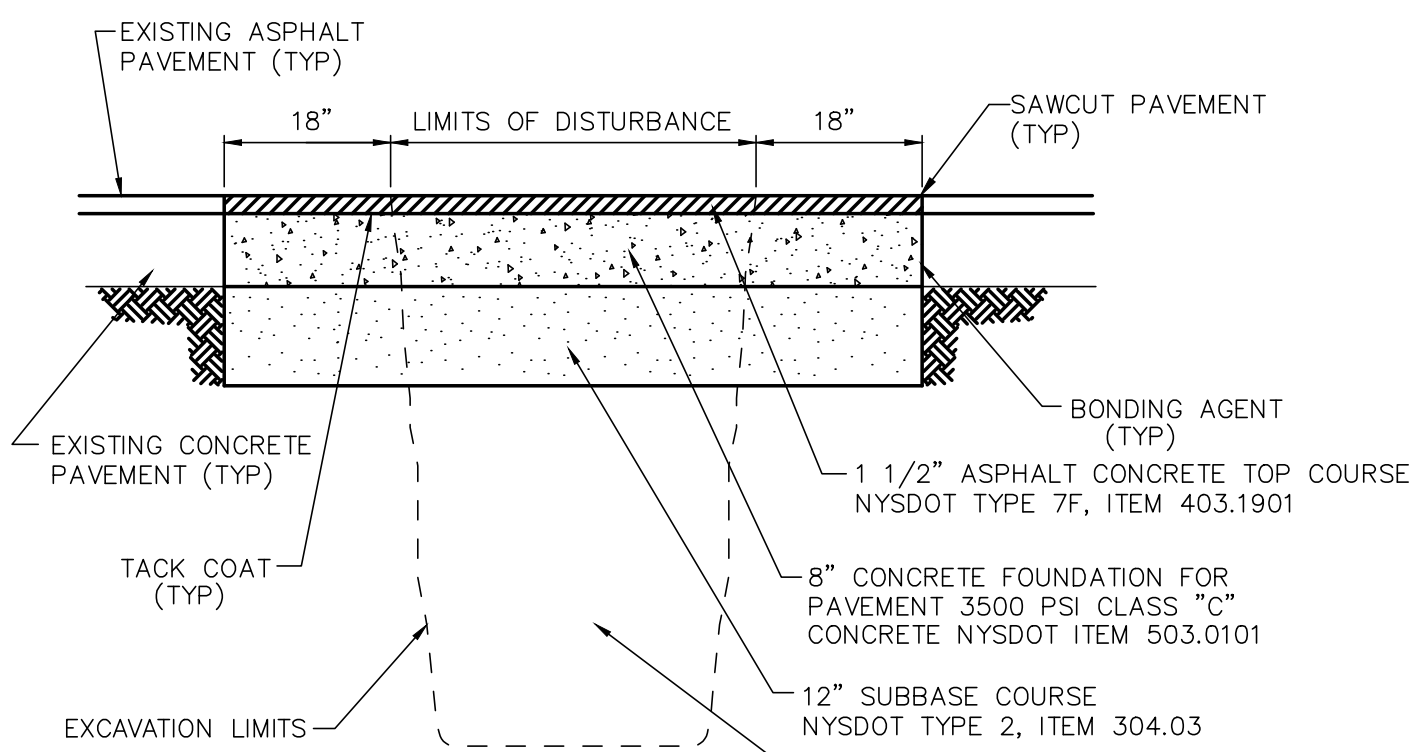
TYPICAL TRENCH DETAIL
(WITHIN CITY R.O.W.)

NOT TO SCALE



TYPICAL TRENCH DETAIL
(OUTSIDE OF CITY R.O.W.)

NOT TO SCALE

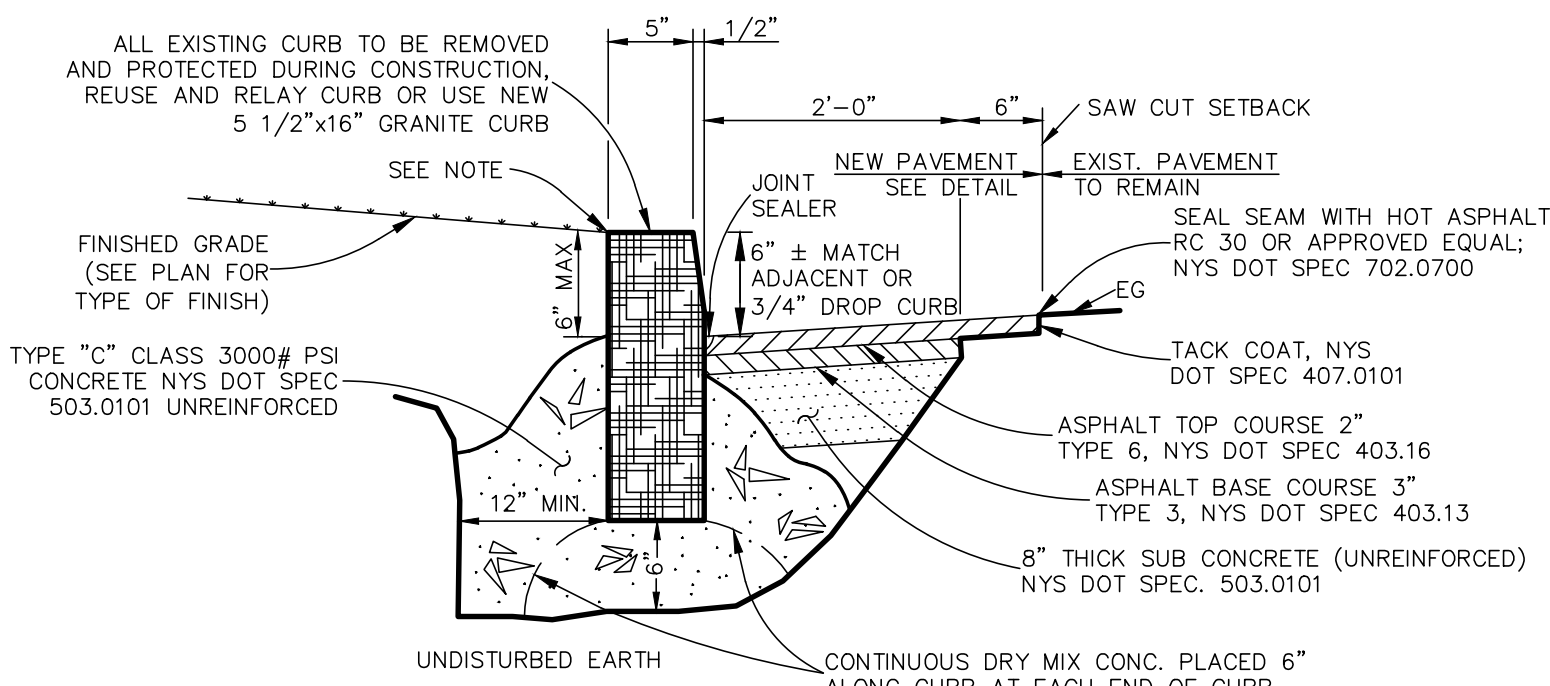


NOTE:

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

STREET RESTORATION CONCRETE PAVEMENT DETAIL (CITY R.O.W.)

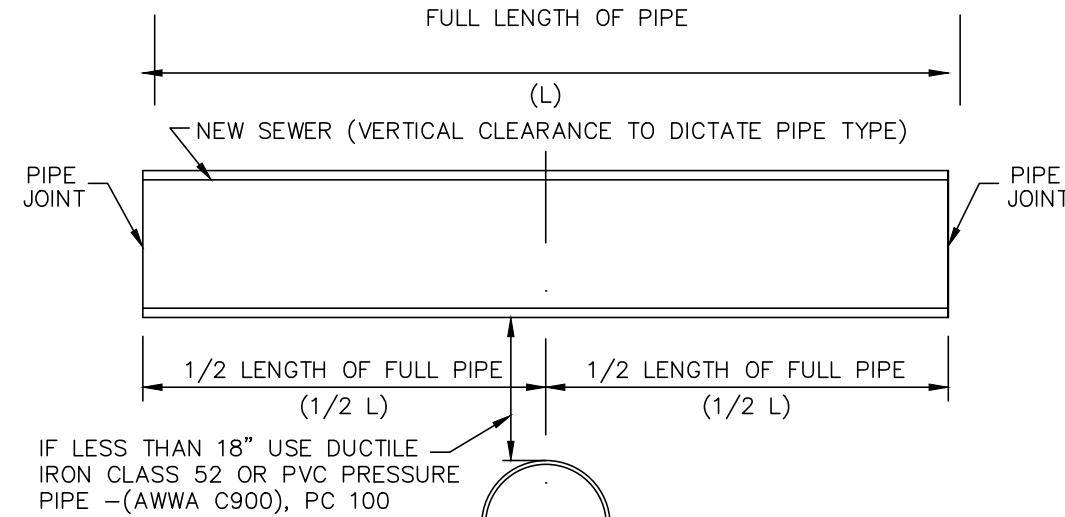
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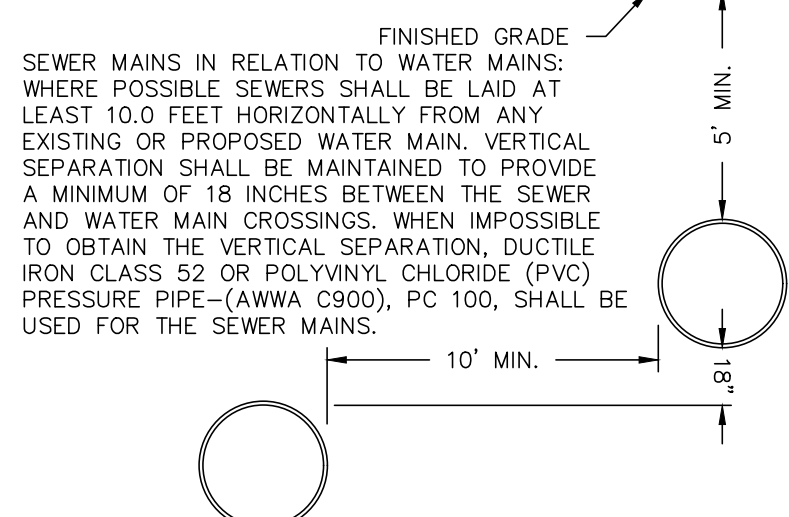
NOTE:
EXPANSION JOINT MATERIAL SHALL BE INSTALLED WHEN CURB IS SET AGAINST NEW OR EXISTING SIDEWALK AS ORDERED BY THE ENGINEER

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

NOT TO SCALE



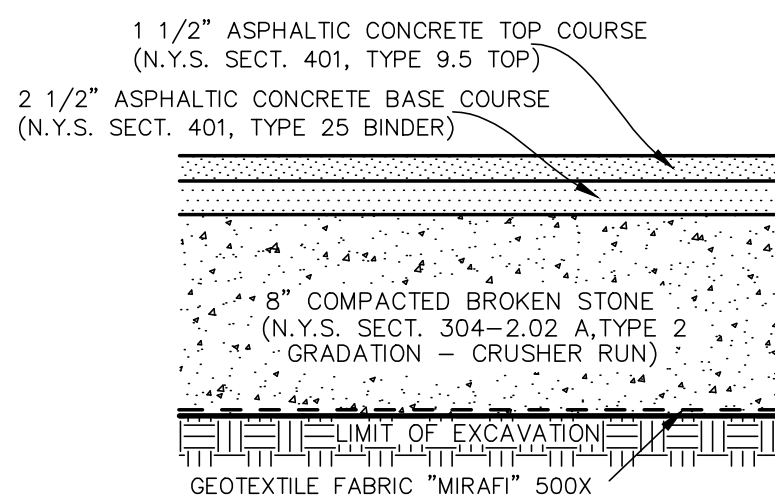
WATER & SEWER MAIN CROSSING



WATER & SEWER MAIN RUNNING PARALLEL

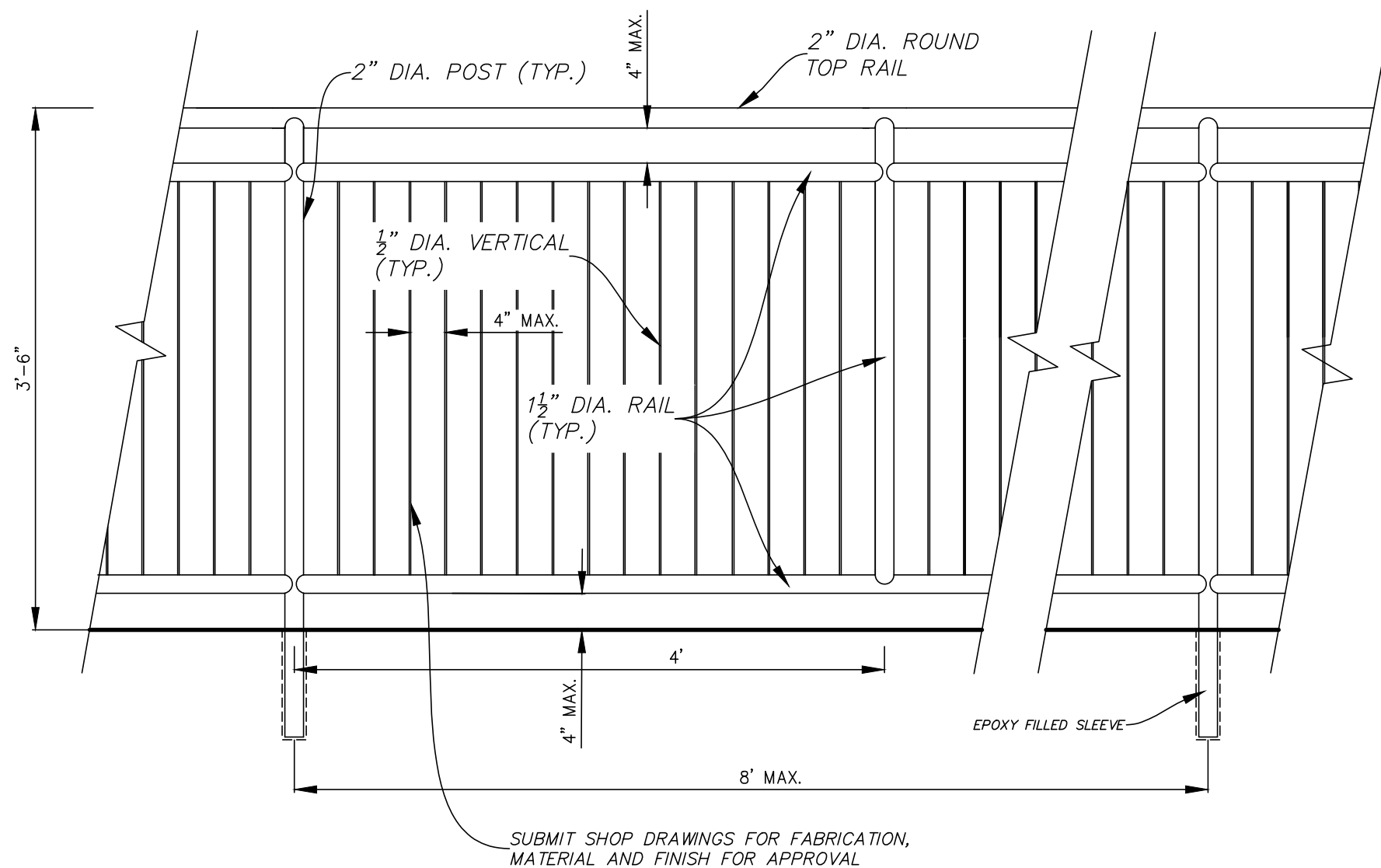
WATER & SEWER MAIN RELATION DETAIL

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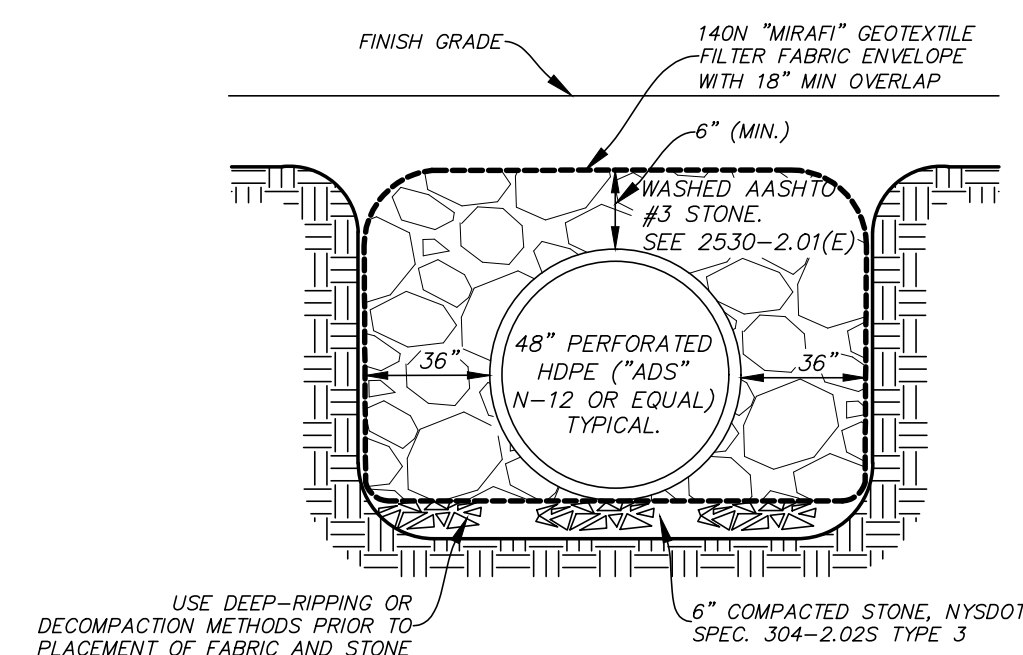
PAVEMENT DETAIL

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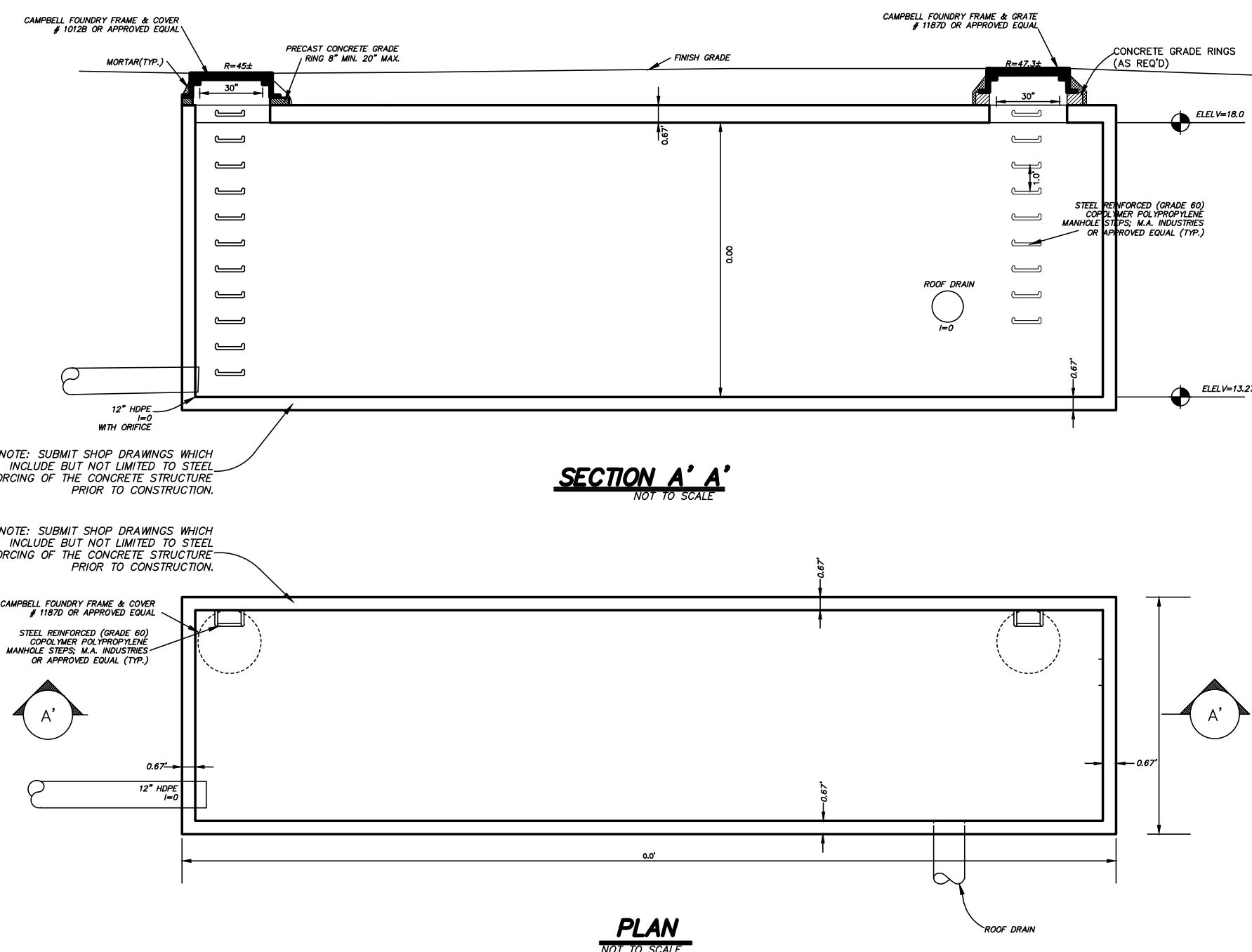
FALL PROTECTION RAILING

NOT TO SCALE



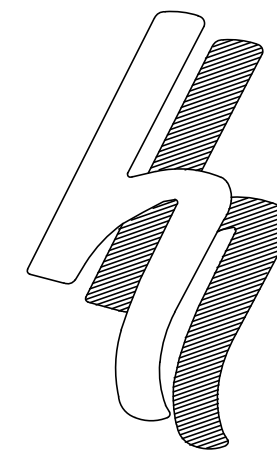
48" HDPE STORM DETENTION SYSTEM

NOT TO SCALE



GENERAL NOTES

- ALL WORK SHALL BE DONE IN STRICT COMPLIANCE WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL CODES, STANDARDS, ORDINANCES, RULES AND REGULATIONS AND DIVISION 1 OF SPECIFICATIONS.
- EXISTING UTILITY INFORMATION SHOWN HEREON WAS OBTAINED FROM FIELD LOCATION WHERE POSSIBLE AND FROM RECORD DATA. THE LOCATION OF ALL UNDERGROUND UTILITIES ARE APPROXIMATE. ACTUAL LOCATION SHALL BE VERIFIED BY THE CONTRACTOR. CONTACT DIG SAFELY NEW YORK (1-800-962-7962) AND MUNICIPAL AGENCIES HAVING JURISDICTION 72 HOURS PRIOR TO ANY EXCAVATING AND/OR CONSTRUCTION TO HAVE UTILITIES MARKED ON SITE.
- CONSTRUCTION OF WATER MAINS, STORM AND SANITARY SEWERS MUST BEGIN AT ITS POINT OF CONNECTION TO THE EXISTING WATER MAINS, SEWER OR AT THE LOWEST POINT IN THE SYSTEM. VALVES, TORNANTS, RIMS, GRATES, INVERTS, ELEVATIONS AND LOCATION AT CROSSINGS MUST BE VERIFIED PRIOR TO THE BEGINNING OF CONSTRUCTION. THE ENGINEER MUST BE NOTIFIED AT LEAST 24 HOURS IN ADVANCE OF ANY INSTALLATION SO THAT HE WILL BE ABLE TO PROVIDE SUPERVISION AS REQUIRED. THE CONTRACTOR MUST KEEP A RECORD OF ALL UNDERGROUND UTILITIES INSTALLED OR ENCOUNTERED SO THE ENGINEER WOULD BE ABLE TO USE THESE RECORDS FOR THE PREPARATION OF RECORD DRAWINGS AS REQUIRED BY THE LOCAL MUNICIPALITY.
- ALL SANITARY SEWERS, STORM SEWERS, AND WATER MAINS AND APPURTENANCES SHALL BE CONSTRUCTED IN COMPLIANCE WITH THE LOCAL MUNICIPALITY'S CODES AND REGULATIONS GOVERNING THE INSTALLATION OF SUCH UTILITIES.
- THE ENGINEER RESERVES THE RIGHT TO EXAMINE ANY WORK DONE ON THIS PROJECT AT ANY TIME TO DETERMINE THE CONFORMANCE WITH THE REQUIREMENTS OF THE CONTRACT DOCUMENTS OF THIS PROJECT, AS INTENDED AND INTERPRETED BY THE ENGINEER.
- MISCELLANEOUS WORK NOT SPECIFICALLY SHOWN ON THE CONTRACT DRAWINGS SUCH AS PATCHING, BLOCKING, TRIMMING, ETC. SHALL BE PERFORMED AS REQUIRED TO MAKE THE WORK COMPLETE.
- ALL DISTURBED AREA SHALL RECEIVE TOPSOIL AND SEED, EXCEPT AS OTHERWISE NOTED.
- THE CONTRACTOR SHALL:
 - VERIFY ALL CONDITIONS IN THE FIELD PRIOR TO COMMENCEMENT OF WORK AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES.
 - EXAMINE THE SITE AND INCLUDE IN HIS WORK THE EFFECT OF ALL EXISTING CONDITIONS ON THE WORK.
 - PROVIDE AND INSTALL ALL MATERIALS AND PERFORM ALL WORK IN ACCORDANCE WITH RECOGNIZED GOOD STANDARD PRACTICE.
 - COMMENCE WORK IMMEDIATELY UPON AWARDING OF THE CONTRACT AND PROCEED DILIGENTLY AND CONTINUALLY TO COMPLETION OF ALL WORK.
 - PROVIDE CERTIFICATE OF INSURANCE ACCEPTABLE TO THE OWNER PRIOR TO COMMENCEMENT OF THE WORK.
 - HOLD THE OWNER HARMLESS AGAINST ANY AND ALL CLAIMS ARISING FROM WORK DONE BY THE CONTRACTOR ON THE SITE.
- IF WATER MAINS ARE REQUIRED TO BE RELOCATED DUE TO CROSSING CONFLICTS SHALL BE INSTALLED, TESTED AND ACCEPTED IN ACCORDANCE WITH LOCAL MUNICIPALITY RULES AND REGULATIONS.
- SANITARY SEWER CONNECTION SHALL BE INSTALLED AND ACCEPTED IN ACCORDANCE WITH THE ALBANY COUNTY HEALTH DEPARTMENT RULES AND REGULATIONS.
- ALL BACKFILL USED IN TRENCHES EXCAVATED IN EXISTING ROADWAYS SHALL BE PLACED IN MAXIMUM SIX (6) INCH LIFTS AND COMPACTED BY MEANS OF A MECHANICAL COMPACTOR BETWEEN LIFTS.
- WHEN BACKFILLING AROUND PROPOSED OR EXISTING STRUCTURES, MATERIAL SHALL BE PLACED IN MAXIMUM SIX (6) INCH LIFTS AND COMPACTED BY MEANS OF A COMPACTOR BETWEEN LIFTS.
- SEWER MAINS IN RELATION TO WATER MAINS: WHERE POSSIBLE SEWERS SHALL BE LAID AT LEAST 10.0 FEET HORIZONTALLY FROM ANY EXISTING OR PROPOSED WATER MAIN. VERTICAL SEPARATION SHALL BE MAINTAINED TO PROVIDE A MINIMUM OF EIGHTEEN (18) INCHES BETWEEN THE SEWER AND WATER MAIN CROSSINGS. WHEN IMPOSSIBLE TO OBTAIN THE VERTICAL SEPARATION, DUCTILE IRON CLASS 52 OR POLYVINYL CHLORIDE (PVC) CI 160, SDR 26 PIPE SHALL BE USED FOR THE SEWER MAINS.
- NEW WATER MAINS AND LATERALS WILL BE INSPECTED BY THE ALBANY WATER DEPARTMENT BEFORE BACKFILL.
- NEW REINFORCED CONCRETE SIDEWALKS: THE CONTRACTOR WILL INSTALL ALL NEW REINFORCED CONCRETE SIDEWALKS WITHIN THE CITY R.O.W. AT A SLOPE OF 1/4" PER FOOT TOWARDS THE CURB. NO VARIANCES AND/OR DEVIATION OF THE SLOPE WILL BE ALLOWED UNLESS PREVIOUSLY APPROVED BY THE CITY ENGINEER'S REPRESENTATIVE.
- PROVIDE EROSION CONTROL MEASURES TO PREVENT EROSION OR DISPLACEMENT OF SOILS AND DISCHARGE OF SOIL BEARING WATER RUNOFF OR AIRBORNE DUST TO ADJACENT PROPERTIES AND WALKWAYS. THIS WILL INCLUDE BUT NOT LIMITED TO HAY BALES, SILTATION FENCES AND OTHER ACCEPTABLE METHODS OF EROSION CONTROL. THE INTENT OF THESE MEASURES IS TO INSURE THE PREVENTION OF SILTATION OF WATER COURSES DOWN STREAM FROM THIS PROJECT IN COMPLIANCE WITH THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION "GENERAL PERMIT FOR STORM WATER DISCHARGE ASSOCIATED WITH INDUSTRIAL ACTIVITY FROM CONSTRUCTION ACTIVITIES".
- ALL VEHICLES HAULING MATERIAL SHALL BE EQUIPPED WITH CANVAS COVERS TO PREVENT DUST AND LOOSE MATERIAL FROM EXTING THE VEHICLE.
- THE CONTRACTOR IS RESPONSIBLE FOR THE IMPLEMENTATION AND CONFORMANCE TO THE "NEW YORK" GUIDELINES FOR URBAN EROSION & SEDIMENT CONTROL" AS PREPARED BY THE U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE. THE CONTRACTOR IS RESPONSIBLE FOR INFORMING ALL CONSTRUCTION WORKERS INVOLVED IN THE SITE DEVELOPMENT OF THE IMPORTANCE AND ELEMENTS OF THE PLAN.
- ALL DISTURBED AREAS SHALL BE SEEDED AND MULCHED PROMPTLY TO MINIMIZE EROSION POTENTIAL.
- ALL EXISTING DRAINAGE MUST BE MAINTAINED.
- FINISHED GRADES SHOWN HEREON DEPICT THE GRADE. UPON COMPLETION OF CONSTRUCTION, FINISHED GRADES AT TIME OF RECLAMATION MAY BE LOWER DUE TO EXCAVATION FOR TOPSOIL, SUB-BASE MATERIAL AT ROADS, PARKING, CONCRETE SLABS OR FLOOR SLABS.
- CONTRACTOR SHALL USE DUST CONTROL MEASURES DURING CONSTRUCTION.
- EXISTING GRANITE CURBS WHICH ARE TO BE REMOVED MAY BE REUSED IN LIEU OF NEW CURB IF IN THE OPINION OF THE ENGINEER THEY ARE SUITABLE FOR REUSE.
- ALL NEW WALKS SHALL HAVE A CROSS PITCH OF 1/4" PER FOOT TOWARDS THE CURB AND/OR AWAY FROM BUILDINGS.
- ALL LAYOUT TO BE PERFORMED BASED UPON ASSUMED COORDINATE SYSTEM WHICH IS UNIQUE TO THIS PROJECT.
- CONTOUR ELEVATION AND SPOT ELEVATION ARE BASED UPON NVD DATUM.
- THE CONTRACTOR SHALL VERIFY THAT NO OTHER CONNECTIONS EXIST OTHER THAN SHOWN, CONCERNING SEWER LINES LABELED 'TO BE ABANDONED' OR 'TO BE REMOVED'. MOST EXISTING UTILITIES SHOWN HERE WERE TAKEN FROM OLD AND INCOMPLETE RECORD DRAWINGS. THE ENGINEER AND THE OWNER ARE NOT RESPONSIBLE FOR THE ACCURACY OF THIS INFORMATION. THE CONTRACTOR MUST VERIFY THESE CONDITIONS ON HIS OWN, PRIOR TO COMMENCEMENT OF WORK.
- WHenever a PORTION OF EXISTING PAVEMENT IS TO BE REMOVED IT SHALL FIRST BE SAWCUT TO FULL DEPTH.
- NO TREES SHALL BE REMOVED WITHOUT THE ENGINEER'S CONSENT.
- SEEDING OF ALL CUT AND FILL AREAS SHALL BE DONE IMMEDIATELY AFTER CONSTRUCTION.
- RESTORATION AT ALL UTILITY CUTS IN SIDEWALK AREA SHALL HAVE FULL PANEL RESTORATION
- ALL NEW CURBING WITHIN CITY RIGHT OF WAY SHALL BE GRANITE CURBING
- CONTRACTOR SHALL CONFORM TO ALL RECOMMENDATIONS IN GEOTECHNICAL EVALUATION PREPARED BY DENTE ENGINEERING.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE AND OR REPAIR TO EXISTING ROADWAY SYSTEM DUE TO CONSTRUCTION ACTIVITIES.



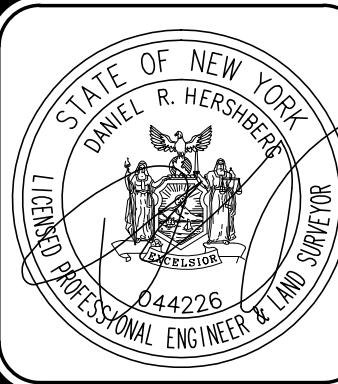
HERSHBERG & HERSHBERG

Consulting Engineers and Land Surveyors

18 Locust Street

Albany, New York 12203

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DATE	
REMARKS	
REVISIONS	

DETAILS
No.67 LIVINGSTON AVENUE
CITY OF ALBANY STATE OF NEW YORK

1807196-1.DWG

DATE: 3-26-2019

CHK: DRH

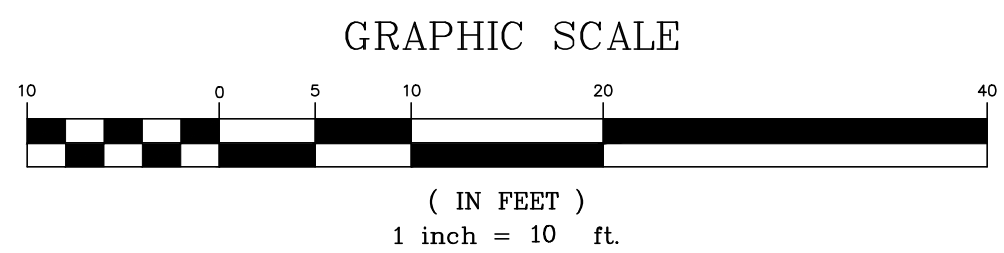
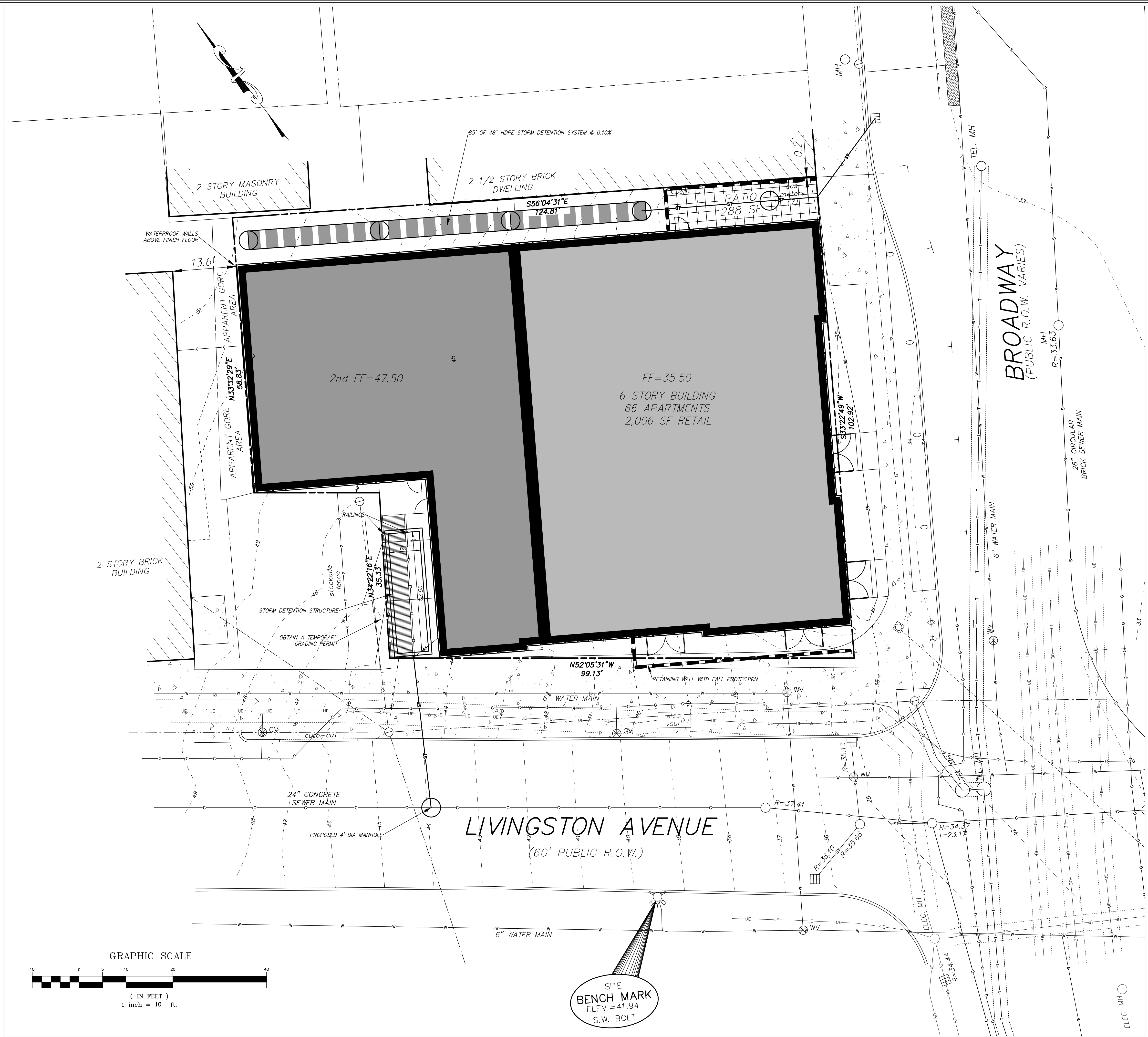
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SCALE: 1"=10'

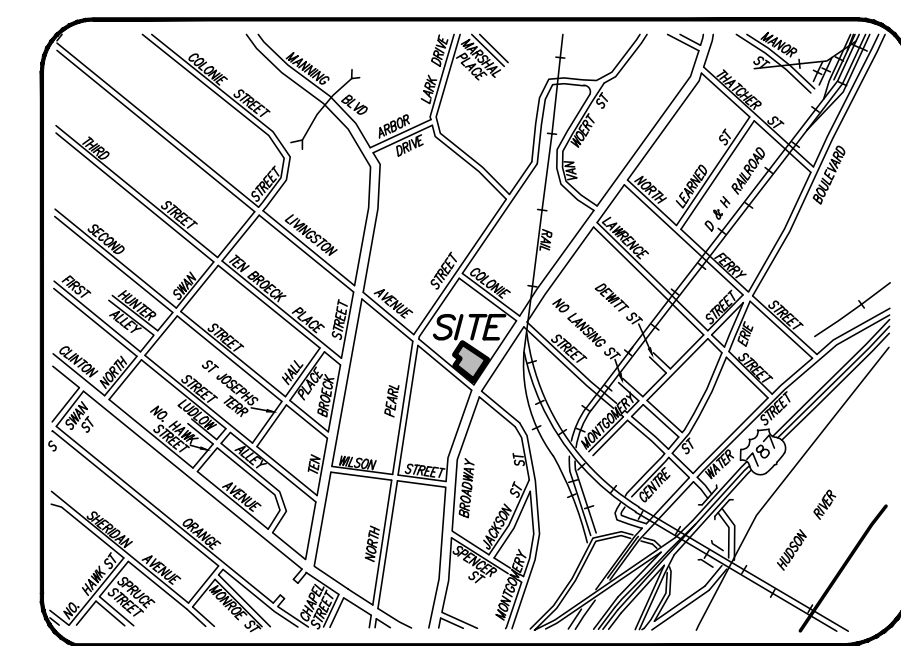
FILE: 1807196

C5

FOR MUNICIPAL APPROVAL ONLY-NOT INTENDED FOR CONSTRUCTION



SITE BENCH MARK
ELEV.=41.94
S.W. BOLT



VICINITY MAP
MAP NOT TO SCALE

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	—X—	FENCE LINE
R	RECORD	—	GUARD RAIL
M	MEASURED	—	OVERHEAD WIRE, UTILITY POLE & GUY WIRE
N	NORTH	↔	TRAFFIC FLOW ACCESS AREA
S	SOUTH	⊥	WATER SHUT OFF
E	EAST	⊙	WATER VALVE
W	WEST	⊙	HYDRANT
tel.	TELEPHONE	⊙	GAS VALVE
elec.	ELECTRIC	○	STREET LIGHT
L	LIBER	☆	LIGHT POLE
P.	PAGE	●	CLEAN OUT
O	PARKING METER	●	VENT
ST	STORM LINE	▨	CONCRETE
S	SEWER LINE	▨	PAVEMENT
C	COMBINED SEWER LINE	▨	COBBLESTONE
W	WATER LINE	▨	STONE
G	GAS LINE		
UE	UNDERGROUND ELECTRIC		
T	UNDERGROUND TELEPHONE		

GENERAL NOTES

1. UNAUTHORIZED ALTERATION OR ADDITION TO A SURVEY MAP BEARING A LICENSED LAND SURVEYOR'S SEAL IS A VIOLATION OF SECTION 7209-2, OF THE NEW YORK STATE EDUCATION LAW.
2. ONLY COPIES FROM THE ORIGINAL OF THIS SURVEY MARKED WITH THE LAND SURVEYOR'S SIGNATURE AND AN ORIGINAL EMBOSSED OR INK SEAL SHALL BE CONSIDERED VALID TRUE COPIES.
3. THIS SURVEY WAS PREPARED FOR THE PARTIES AND PURPOSE INDICATED HEREON. ANY EXTENSION OF THE USE BEYOND THE PARTIES OR PURPOSE INDICATED IS EXPRESSLY FORBIDDEN WITHOUT WRITTEN RELEASE OR PERMISSION OF FRANCIS G. MCCLOSKEY, LICENSE No. 049441.
4. SUBSURFACE AND ENVIRONMENTAL CONDITIONS WERE NOT SURVEYED OR EXAMINED OR CONSIDERED AS PART OF THIS SURVEY.
5. THIS SURVEY MAP IS SUBJECT TO WHATEVER FACTS AN ACCURATE AND CURRENT ABSTRACT OF TITLE MAY SHOW.
6. SPOT ELEVATIONS AND CONTOURS ARE BASED ON NAVD88 DATUM.
7. UNDERGROUND UTILITIES SHOWN ARE TAKEN FROM FIELD LOCATION WHERE POSSIBLE AND FROM RECORD DATA. THEIR EXACT LOCATION IN THE FIELD MAY DIFFER FROM THAT SHOWN HEREIN AND ADDITIONAL UTILITIES MAY EXIST. CALL DIG SAFELY NEW YORK AT 1-800-962-7962 TO HAVE UTILITIES MARKED ON SITE PRIOR TO COMMENCEMENT OF CONSTRUCTION.

EXISTING SITE COVERAGE STATISTICS			
description	s.f.	acres	%
building area	699	0.01	6.1
green area	9,940	0.23	87.4
paved area	738	0.02	6.5
total area	11,377	0.26	100.0

PROPOSED SITE COVERAGE STATISTICS			
description	s.f.	acres	%
building area	9,442	0.21	83.0
green area	1,157	0.03	10.2
paved area	778	0.02	6.8
total area	11,377	0.26	100.0

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EXISTING CONDITIONS
No.67 LIVINGSTON AVENUE
CITY OF ALBANY STATE OF NEW YORK

FILE: 180196
SCALE: 1"=10'
BY: SAC
CHK: DRH
DATE: 3-26-2019
180196-LDWG

C3