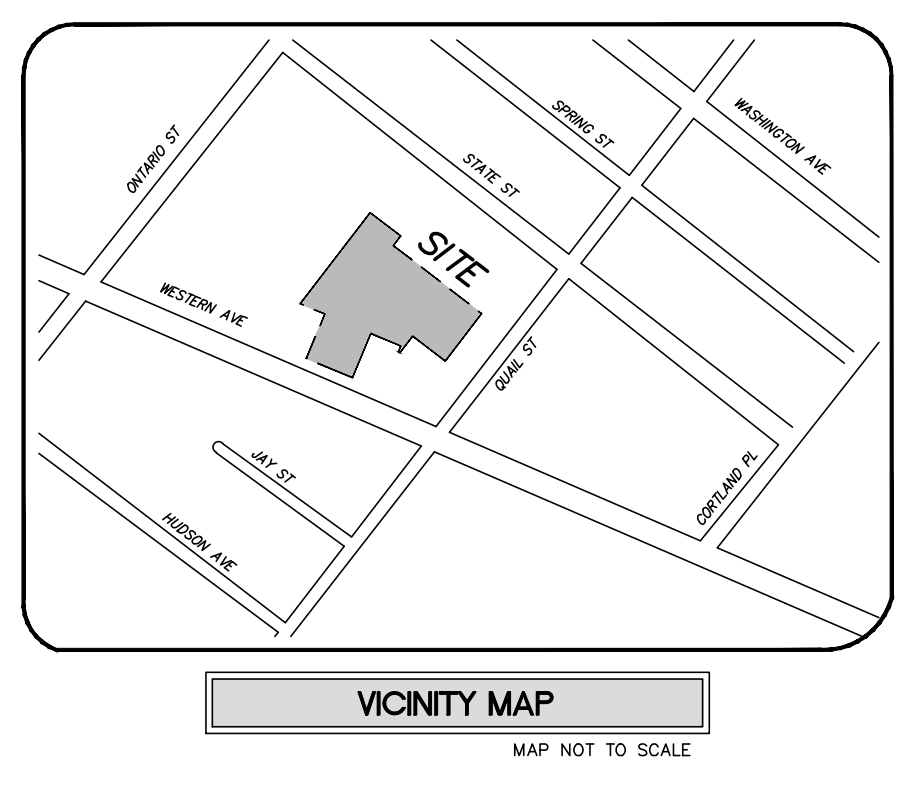


LEGEND

| | | | |
|--------|--------------------|----|--|
| 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 | — | SION |
| N/F | NOW OR FORMERLY | • | BOLLARD |
| FL | FEET | — | FENCE LINE |
| Dep. | DEGREE | — | GUARD RAIL |
| R | RECORD | — | OVERHEAD WIRE, UTILITY POLE & GUY WIRE |
| M | MEASURED | ↔ | TRAFFIC FLOW ACCESS AREA |
| N | NORTH | ⊕ | WATER SHUT OFF |
| S | SOUTH | ⊕D | YARD DRAIN |
| E | EAST | ⊕V | WATER VALVE |
| W | WEST | ⊕H | HYDRANT |
| tel. | TELEPHONE | ⊕G | GAS VALVE |
| elec. | ELECTRIC | ⊕L | STREET LIGHT |
| L | LIBER | ⊕ | LIGHT POLE |
| P. | PAGE | ▨ | CONCRETE |
| TR | TREE | ■ | PAVEMENT |



- GENERAL NOTES**
- 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.
 - 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.
 - 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.
 - SUBSURFACE AND ENVIRONMENTAL CONDITIONS WERE NOT SURVEYED OR EXAMINED OR CONSIDERED AS PART OF THIS SURVEY.
 - THIS SURVEY MAP IS SUBJECT TO WHATEVER FACTS AN ACCURATE AND CURRENT ABSTRACT OF TITLE MAY SHOW.
 - SPOT ELEVATIONS AND CONTOURS ARE BASED ON NVD 1929 DATUM.
 - SUBJECT TO POSSIBLE RIGHTS AND/OR EASEMENTS TO UTILITY POLES, WIRES, LINES, & GUY WIRES SHOWN ON MAP.

EXISTING SITE COVERAGE STATISTICS

| description | s.f. | acres | % |
|----------------------------|--------|-------|--------|
| gross site area | 70,794 | 1.62 | 100.00 |
| impervious area | 42,697 | 0.98 | 60.4 |
| building coverage | 18,768 | 0.43 | 26.5 |
| pavement/sidewalk coverage | 23,929 | 0.55 | 33.9 |
| pervious area | 28,097 | 0.64 | 39.6 |

DRAWING INDEX

| DRAWING INDEX | SHEET NAME |
|---------------|---------------------------------------|
| C1 | EXISTING CONDITIONS |
| C2 | DEMOLITION PLAN |
| C3 | SITE PLAN |
| C4 | SEWER PLAN, PROFILE, AND DETAILS |
| C5 | WATER PLAN, PROFILE, AND DETAILS |
| C6 | SWPPP PLAN, PROFILE, AND DETAILS |
| C7 | BLUE ROOF PLAN |
| C8 | EROSION AND SEDIMENT CONTROL PLAN |
| C9 | EROSION AND SEDIMENT CONTROL DETAILS |
| C10 | LIGHTING PLAN |
| C11 | LANDSCAPING PLAN |
| C12 | DETAILS 1 |
| C13 | DETAILS 2 |
| C14 | MAINTENANCE AND PROTECTION OF TRAFFIC |
| C15 | TRUCK ROUTING PLAN |

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

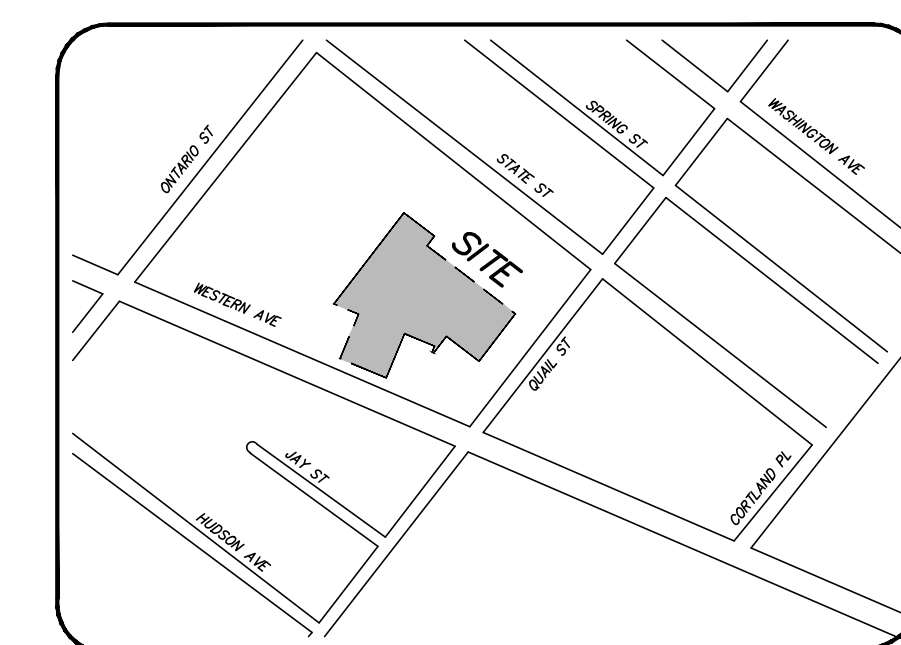
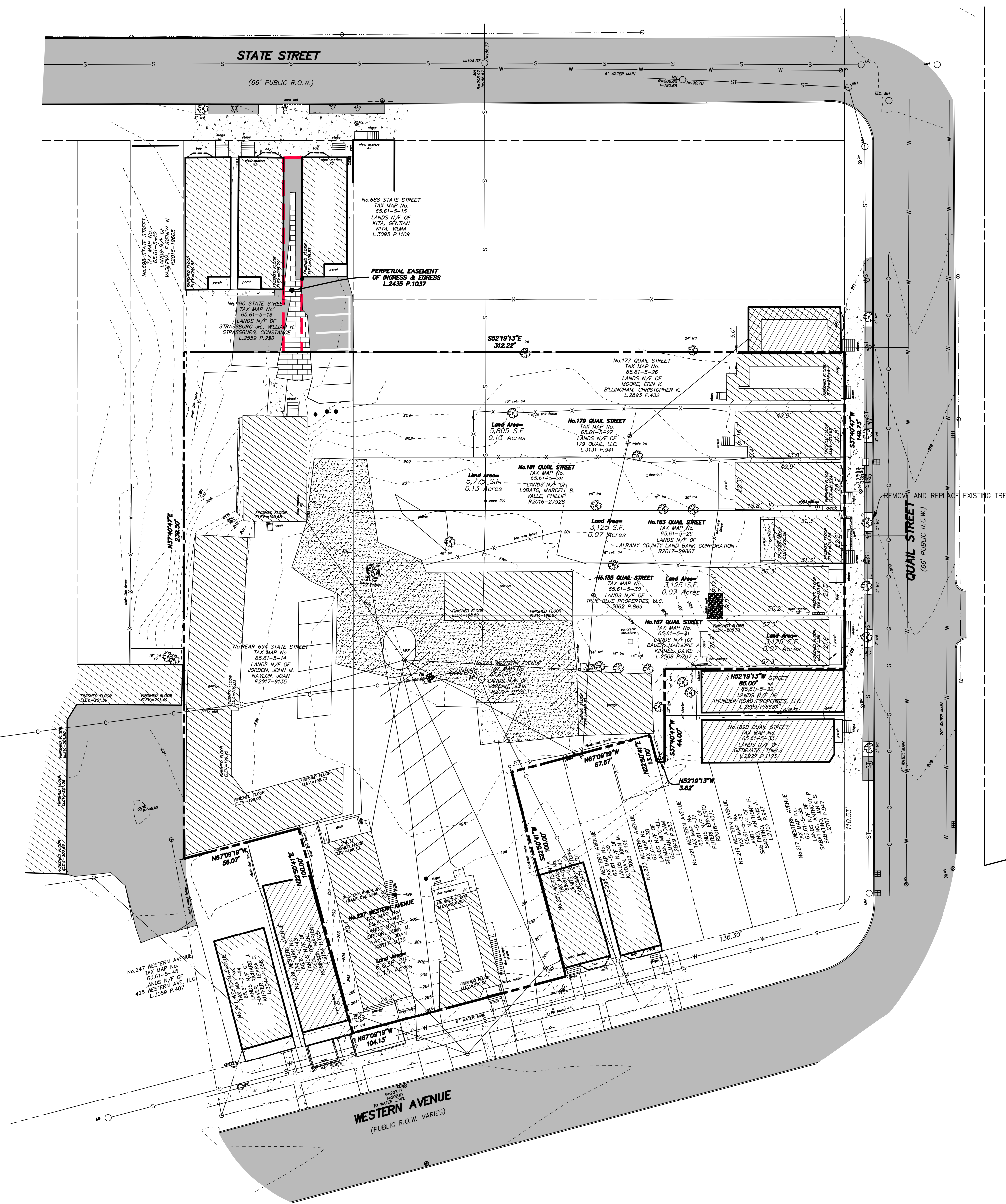
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| DATE | REVISIONS |
|----------|---------------------|
| 7/24/19 | PERMIT SET |
| 9/5/19 | AND COMMENTS |
| 9/10/19 | STORM SEWER REVISED |
| 8/21/21 | GENERAL REVISIONS |
| 10/20/21 | COMMENT REVISIONS |
| 11/10/21 | COMMENT REVISIONS |

**EXISTING CONDITIONS
LOFTS AT PINE HILLS
237 WESTERN AVENUE
CITY OF ALBANY, NEW YORK STATE, ALBANY COUNTY**

FILE: 88012 SCALE: 1"=30' CHECK: DRH DATE: 11/9/19 180312-1.DWG

C1 OF 15



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 | ⊕ OR ⊗ | CATCHBASIN |
| S.F. | SQUARE FEET | — | SIGN |
| N/T | NOW OR FORMERLY | • | BOLLARD |
| FT. | FEET | — X — | FENCE LINE |
| Deg. | DEGREE | — | GUARD RAIL |
| R | RECORD | — | OVERHEAD WIRE, UTILITY POLE & GUY WIRE |
| M | MEASURED | ↑ ↓ | TRAFFIC FLOW ACCESS AREA |
| N | NORTH | ⊖ | WATER SHUT OFF |
| S | SOUTH | ⊙ | YARD DRAIN |
| E | EAST | ⊙ W | WATER VALVE |
| W | WEST | ⊙ H | HYDRANT |
| tel. | TELEPHONE | ⊙ V | GAS VALVE |
| elec. | ELECTRIC | ○ | STREET LIGHT |
| L. | LIBER | ☆ | LIGHT POLE |
| P. | PAGE | ▨ | CONCRETE |
| ⊗ | TREE | ■ | PAVEMENT |
| ✕ | TREE TO BE REMOVED | | |

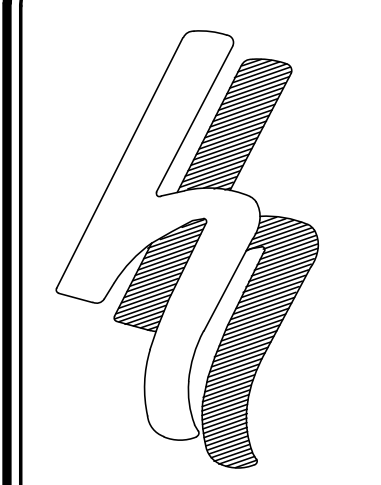
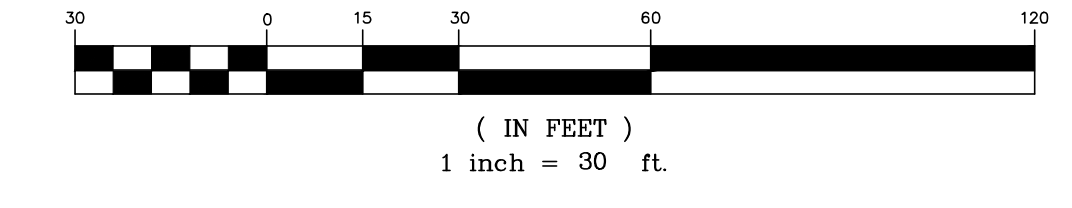
NOTES

1. LOCATION OF EXISTING SEWER LATERALS AND SOME WATER SERVICES ARE UNKNOWN. CONTRACTOR TO DETERMINE LOCATION IN FIELD.

DEMOLITION NOTES

- COORDINATE ALL REMOVALS WITH CONSTRUCTION SCHEDULE AND OWNER. MAINTAIN OPERATION OF EXISTING FACILITY THROUGHOUT CONSTRUCTION
- PRIOR TO DEMOLITION IDENTIFY AND PROTECT ALL TREES TO REMAIN.
- ALL EXISTING WATER SERVICES AND SEWER LATERALS SHALL BE ABANDONED IN ACCORDANCE WITH THE CITY OF ALBANY. REMOVE, PLUG AND CAP AT THE MAIN AS REQUIRED BY THE CITY OF ALBANY. SEE DETAIL 18/C10
- VERIFY ALL UTILITIES WHICH HAVE BEEN ABANDONED ARE NOT ACTIVE. RECONNECT ANY ACTIVE UTILITY LINES FOUND.
- ALL EXISTING BUILDINGS TO BE DEMOLISHED SHALL HAVE THE FOUNDATIONS REMOVED IN THEIR ENTIRETY.
- 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.
- THE BUILDING AT 175 QUAIL STREET IS TO REMAIN AND MUST BE SUPPORTED DURING CONSTRUCTION OF NEW BUILDING.
- EXISTING SANITARY TRUNK SEWER MUST BE PROTECTED.
- THE BUILDING ON 189A QUAIL STREET IS TO REMAIN, AND MUST BE PROPERLY SUPPORTED DURING DEMOLITION OF THE BUILDING ON 187 QUAIL STREET.

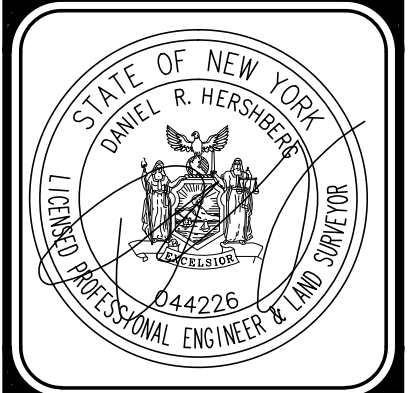
GRAPHIC SCALE



HERSBERG & HERSBERG
Consulting Engineers and Land Surveyors

18 Locust Street
Albany, New York 12203

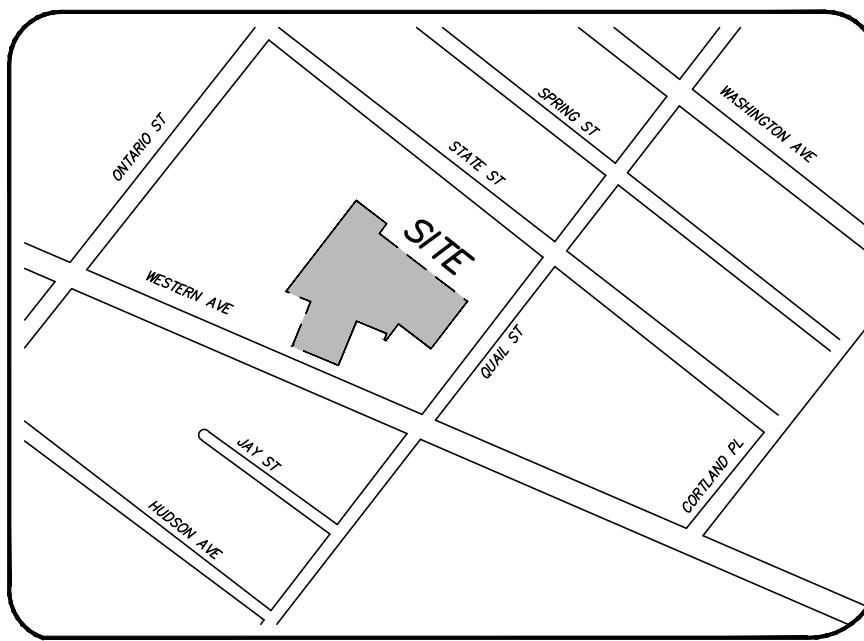
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| REVISIONS | DATE | REMARKS |
|-----------|----------|---------------------|
| 1 | 7/24/19 | PERMIT SET |
| 2 | 9/5/19 | AMC COMMENTS |
| 3 | 9/10/19 | STORM SEWER REVISED |
| 4 | 8/21/21 | GENERAL REVISIONS |
| 5 | 10/20/21 | COMMENT REVISIONS |
| 6 | 11/10/21 | COMMENT REVISIONS |

DEMOLITION PLAN
 LOFTS AT PINE HILLS
 237 WESTERN AVENUE
 CITY OF ALBANY, NEW YORK STATE, ALBANY COUNTY

FILE: 180212 SCALE: 1"=30' BY: ND CHECK: DRH DATE: 1/9/19 180312-1.DWG



VICINITY MAP

MAP NOT TO SCALE

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 CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT ALL METHODS AVAILABLE HAVE BEEN TAKEN TO PROTECT ALL THE FOREMENTIONED ENTITIES BEFORE CONSTRUCTION WORK BEGINS.
 IF AT ANY TIME DURING SAID CONSTRUCTION, THE CITY ENGINEER OR HIS REPRESENTATIVE DEEM THAT ANY AND/OR ALL PORTIONS OF SIDEWALK, CURB PAVEMENT AND/OR ANY OTHER APPURTENANCES HAVE BEEN DAMAGED BY EITHER THE GENERAL CONTRACTOR OR ANY OF HIS SUB-CONTRACTORS, IT WILL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO MAKE ALL REPAIRS AND/OR CORRECTIONS TO SAID AREAS WITHOUT ANY COST TO THE CITY OF ALBANY.

PERMIT REQUIREMENTS:
 THE GENERAL CONTRACTOR, PRIOR TO BEGINNING ANY WORK ON SAID PROJECT, WILL PROCURE THE FOLLOWING PERMITS WHERE APPLICABLE:
 *ENGINEERING DEPARTMENT *DEPARTMENT OF GENERAL SERVICES
 *GRADING AND MINING *CURB CUT APPLICATION
 *SANITARY/STORM SEWER *SIDEWALK/CURB RESTORATION
 *RETAINING WALL *STREET RESTORATION
 *WATER DEPARTMENT *WATER SERVICE
 THE CONTRACTOR WILL PROCURE BEFORE BEGINNING OF CONSTRUCTION ALL REQUIRED PERMITS LIABILITY INSURANCE FOR \$1,000,000.00 AND A PERFORMANCE BOND AS ASSESSED BY CITY ENGINEER, BOND AND LIABILITY INSURANCE TO BE SUBMITTED TO THE ENGINEERING DEPARTMENT BEFORE THE GENERAL CONTRACTOR INTENDS TO BEGIN ANY SITE EXCAVATION.
 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 GARY 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. A MAINTENANCE AND PROTECTION OF TRAFFIC IS REQUIRED PRIOR TO THE START OF WORK. CONTACT WILLIAM TRUDEAU, APD/TRAFFIC ENGINEERING AND SAFETY AT 518-434-5791
4. NEW CONCRETE SIDEWALKS SHALL BE POURED AT ANY LOCATION THAT CONSTRUCTION HAS DAMAGED EXISTING ALL PLANTINGS SHALL BE REVIEWED WITH COA FORESTRY. STREET OPENING PERMIT FOR ALL UTILITY TIE-INS, DRIVEWAY AND SIDEWALK CONSTRUCTION.
5. CONTACT CITY FORESTER, JAY LAVIGNE, FOR CONFIRMATION ON STREET TREE SPECIES. EMAIL IS LAVIGNE@ALBANYNY.GOV

| EXISTING SITE COVERAGE STATISTICS | | | |
|-----------------------------------|--------|-------|--------|
| description | s.f. | acres | % |
| gross site area | 70,794 | 1.62 | 100.00 |
| impervious area | 42,697 | 0.98 | 60.4 |
| building coverage | 18,768 | 0.43 | 26.5 |
| pavement/sidewalk coverage | 23,929 | 0.55 | 33.9 |
| pervious area | 28,097 | 0.64 | 39.6 |

| PROPOSED SITE COVERAGE STATISTICS | | | |
|-----------------------------------|--------|-------|--------|
| description | s.f. | acres | % |
| gross site area | 70,794 | 1.62 | 100.00 |
| impervious area | 55,966 | 1.29 | 79.1 |
| building coverage | 22,270 | 0.51 | 31.5 |
| pavement/sidewalk coverage | 33,696 | 0.77 | 47.6 |
| pervious area | 14,828 | 0.33 | 20.9 |

| STREET FURNITURE REQUIRED AT #237 WESTERN AVENUE | |
|--|------|
| SITE FRONTAGES | L.F. |
| TOTAL #237 | 254 |
| TOTAL PIECES OF STREET FURNITURE REQUIRED AT 1 PER 50 FEET (2 BIKE RACKS, 3 PLANTER BOXES) | 5 |

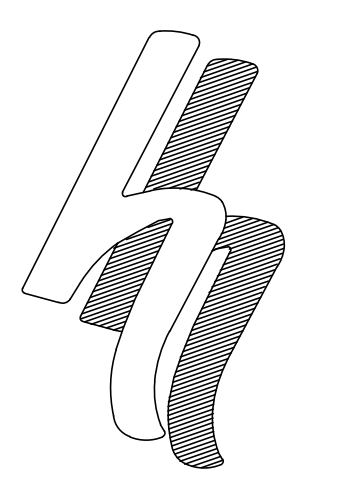
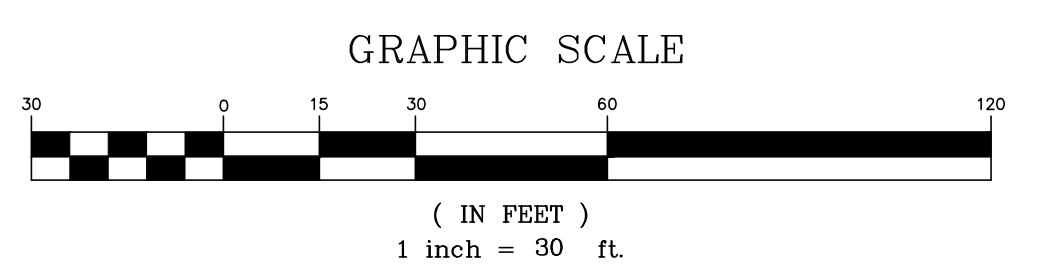
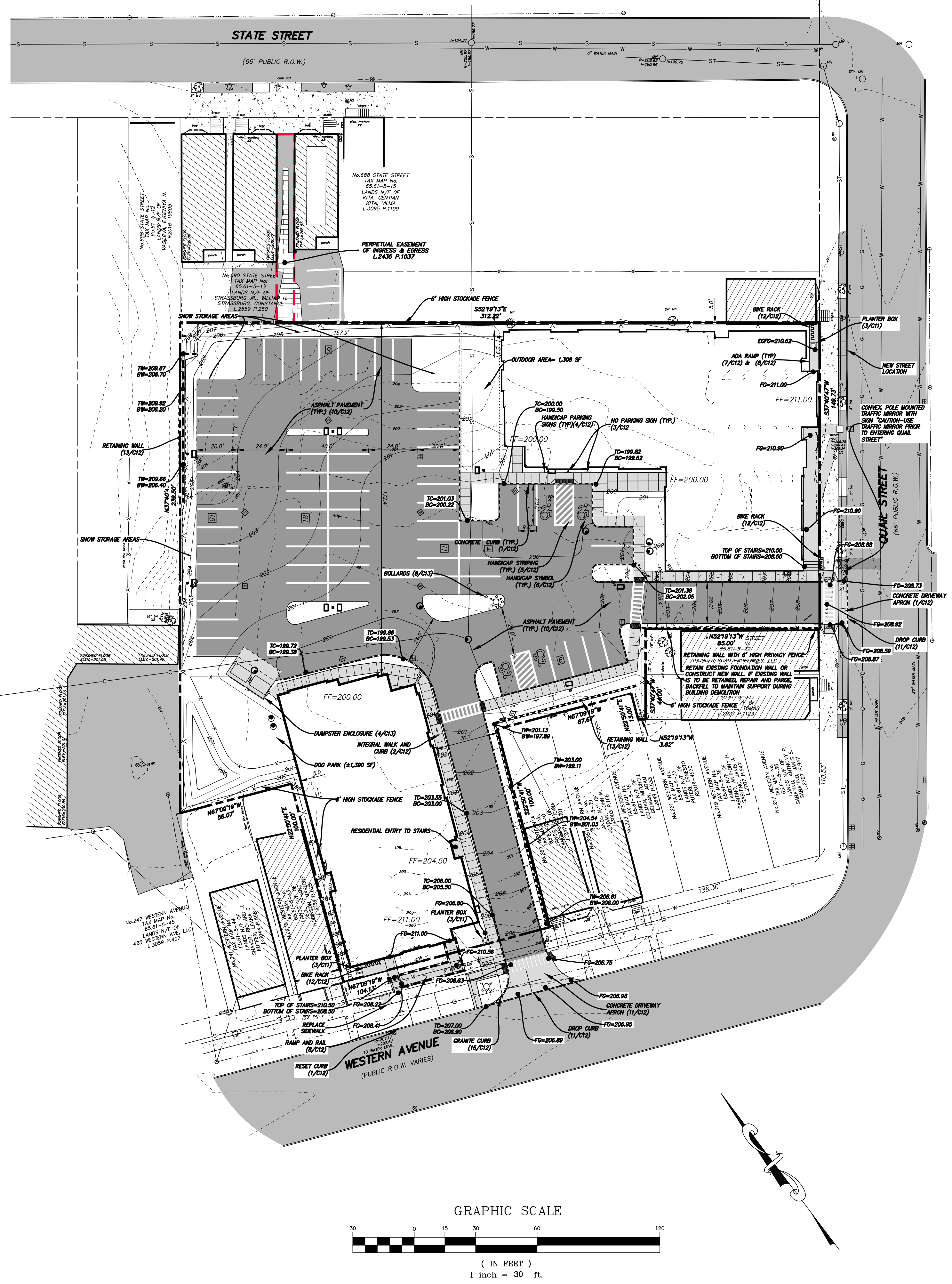
LEGEND

| | | | |
|--------|--------------------|--------|--|
| R.O.W. | RIGHT OF WAY | □ | MONUMENT |
| No. | NUMBER | ○ | IRON ROD |
| enc. | ENCROACHMENT | MH | MANHOLE |
| P.O.B. | POINT OF BEGINNING | □ or ⊕ | CATCHBASIN |
| S.F. | SQUARE FEET | — | SIGN |
| N/T | 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 | ⊕ | YARD DRAIN |
| E | EAST | ⊕ | WATER VALVE |
| W | WEST | ⊕ | HYDRANT |
| tel. | TELEPHONE | ⊕ | GAS VALVE |
| elec. | ELECTRIC | ⊕ | STREET LIGHT |
| L. | LIBER | ⊕ | LIGHT POLE |
| P. | PAGE | □ | CONCRETE |
| ○ | TREE | □ | PAVEMENT |

| | |
|---|-------------------------|
| □ | PROPOSED CONCRETE |
| □ | PROPOSED PAVEMENT |
| — | PROPOSED WATER MAIN |
| — | PROPOSED SANITARY SEWER |
| — | PROPOSED STORM SEWER |
| — | PROPOSED CONTOURS |
| □ | PROPOSED CATCH BASIN |
| — | PROPOSED RETAINING WALL |
| — | PROPOSED CONCRETE CURB |
| ○ | PROPOSED LIGHT POLE |
| □ | PROPOSED WALL PACK |

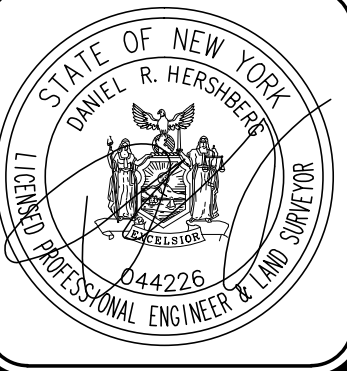
| PARKING ANALYSIS TABLE | | | |
|--|--------------|----------|------------|
| description | requirement | quantity | # required |
| dwelling, multi family | 1 per unit | 83 | 83 |
| commercial area | 1 per 400 SF | 6,240 SF | 16 |
| total off-street parking spaces required (after proximity to transit adjustment and with allowance for shared parking) | | | |
| | | | 73 |
| on street parking (Quail Street) | | | -6 |
| on street parking (Western Ave) | | | -3 |
| off street spaces required | | | 64 |
| total parking spaces provided (INCLUDING 4 H.C.) | | | 69 |

| RECREATION SPACE TABLE | | | |
|---|------------------|-----------|------------|
| description | requirement | quantity | # required |
| dwelling, multi family | 10% of site area | 70,794 sf | 7,794 sf |
| area 1: dog park | | | 1,390 sf |
| area 2: outdoor area | | | 1,308 sf |
| area 3: indoor recreation (gym, lounge, etc.) | | | 6,060 sf |
| TOTAL | | | 8,756 sf |



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

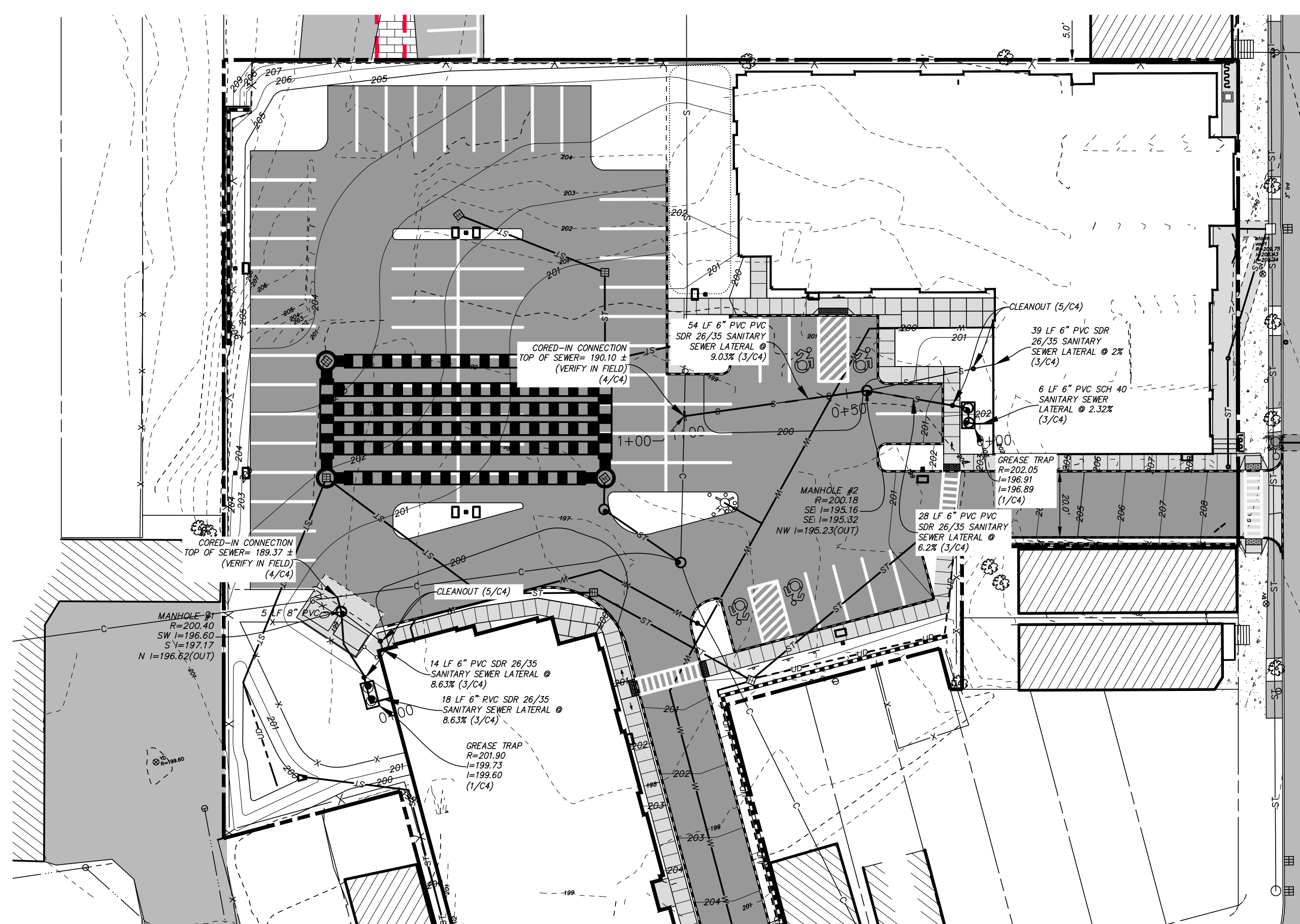
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| DATE | REVISIONS |
|----------|---------------------|
| 8/27/21 | GENERAL REVISIONS |
| 10/11/21 | BUILDING LAYOUT REV |
| 10/20/21 | COMMENT REVISIONS |
| 11/09/21 | COMMENT REVISIONS |
| 2/2/22 | GENERAL REVISIONS |
| 2/19/22 | GENERAL REVISIONS |

SITE PLAN
LOFTS AT PINE HILLS
237 WESTERN AVENUE
CITY OF ALBANY, NEW YORK STATE, ALBANY COUNTY

FILE: 88012 SCALE: 1"=30' CHK: DRH DATE: 1/9/19 180312-1.DWG

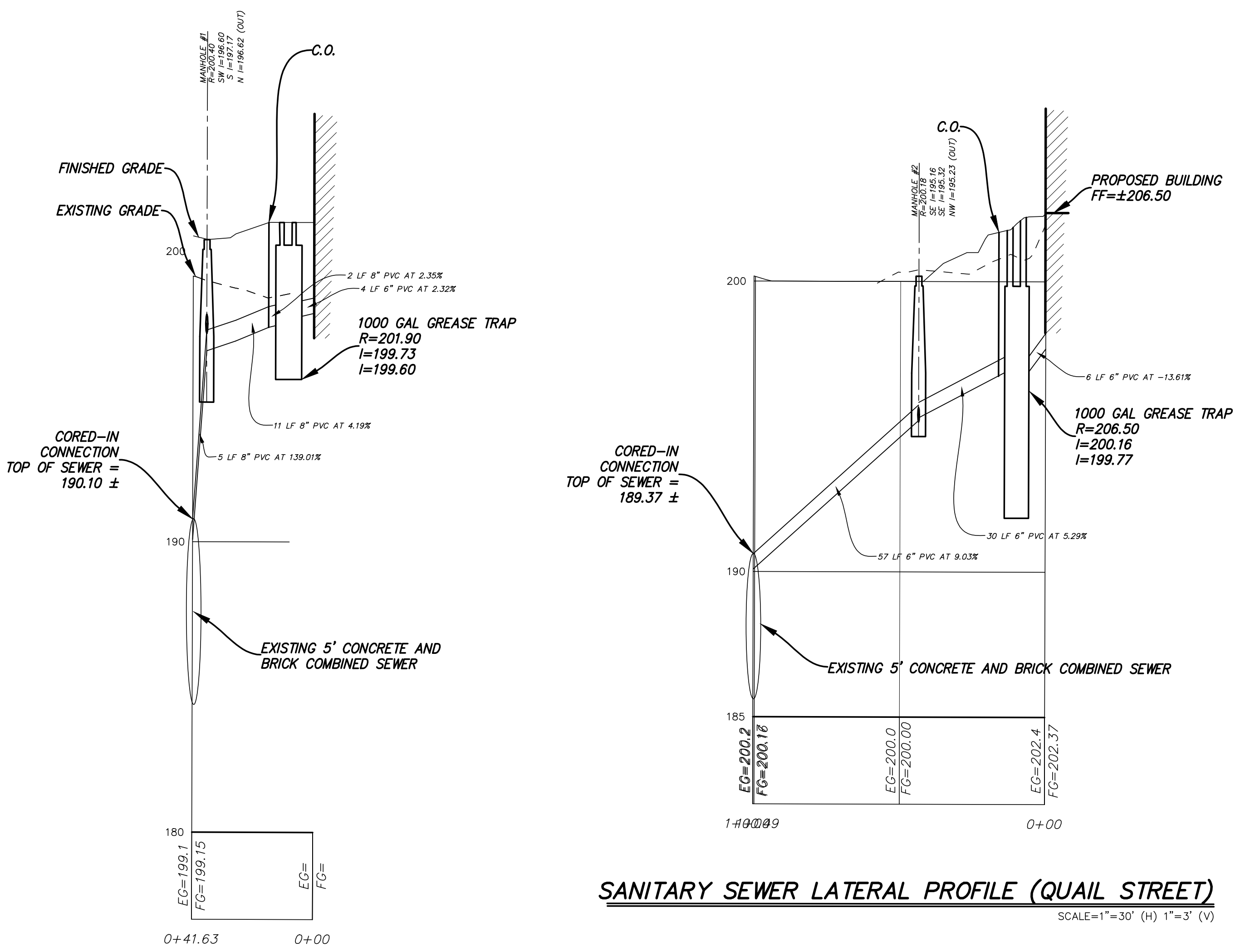
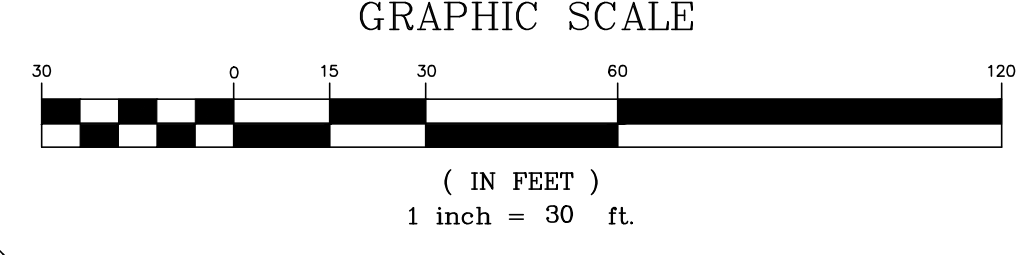


LEGEND

| | | | |
|------------|--------------------|----|------------|
| R.O.W. No. | RIGHT OF WAY | □ | MONUMENT |
| enc. | ENCROACHMENT | ○ | IRON ROD |
| P.O.B. | POINT OF BEGINNING | MH | MANHOLE |
| S.F. | SQUARE FEET | CB | CATCHBASIN |
| N/F | NOW OR FORMERLY | — | — |
| Fl. | FEET | — | — |
| Dep. | DEGREE | — | — |
| R | RECORD | — | — |
| M | MEASURED | — | — |
| N | NORTH | — | — |
| S | SOUTH | — | — |
| E | EAST | — | — |
| W | WEST | — | — |
| tel. | TELEPHONE | — | — |
| elec. | ELECTRIC | — | — |
| L. | LIBER | — | — |
| P. | PAGE | — | — |
| TREE | TREE | — | — |

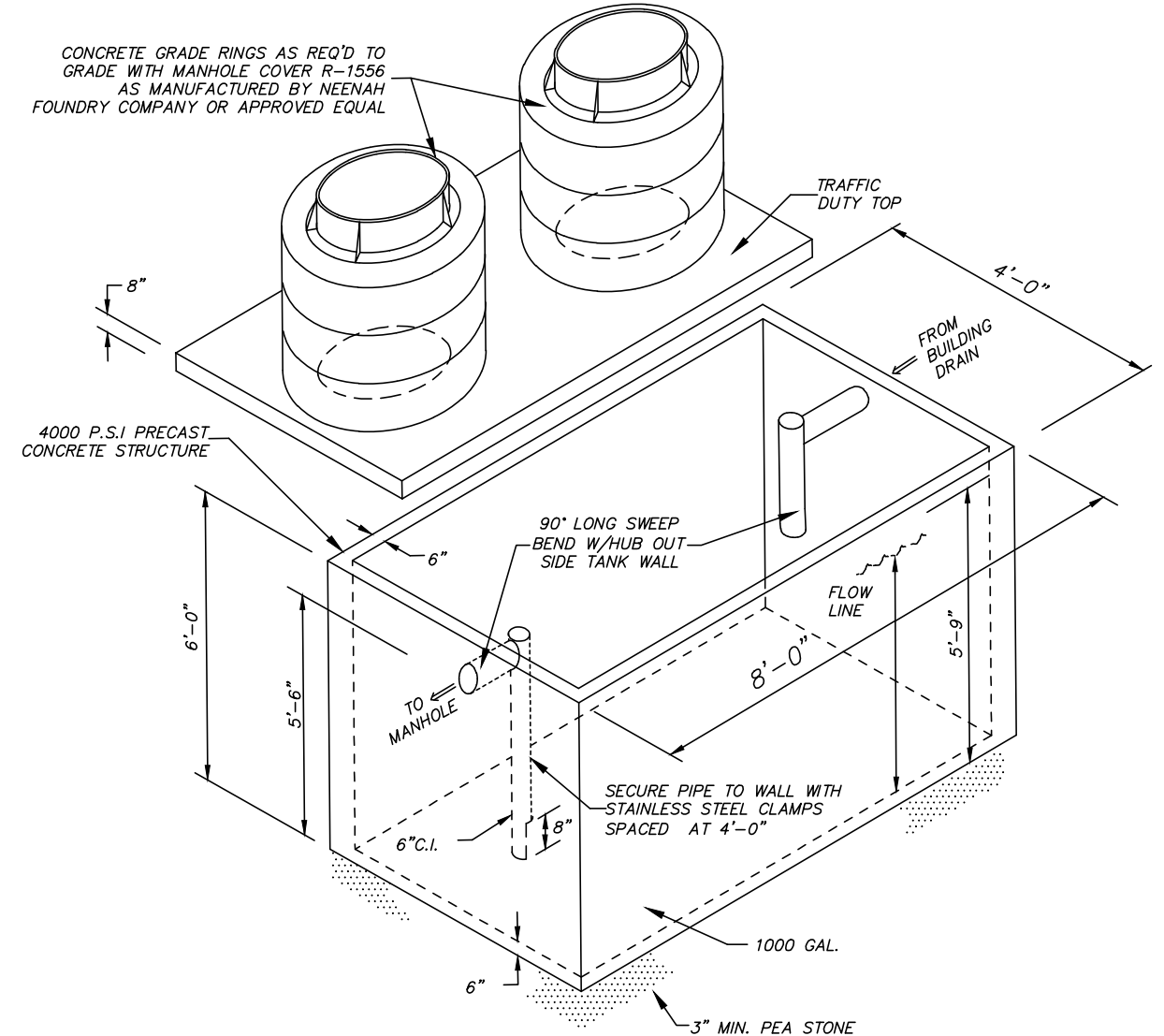
| | |
|---|-------------------------|
| — | PROPOSED CONCRETE |
| — | PROPOSED PAVEMENT |
| — | PROPOSED WATER MAIN |
| — | PROPOSED SANITARY SEWER |
| — | PROPOSED STORM SEWER |
| — | PROPOSED CONTOURS |
| — | PROPOSED CATCH BASIN |
| — | PROPOSED RETAINING WALL |
| — | PROPOSED CONCRETE CURB |

SANITARY SEWER PLAN
SCALE=1"=30'



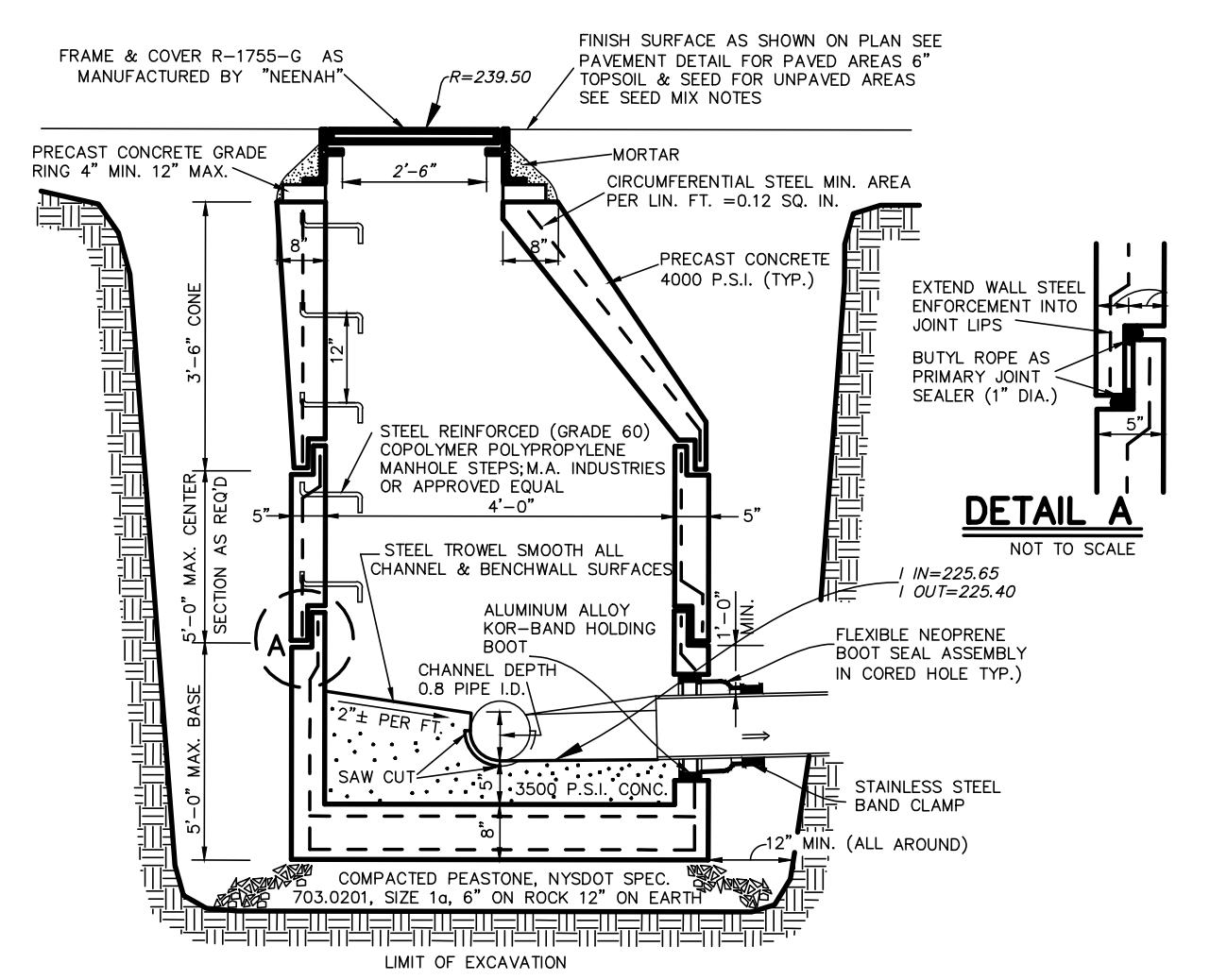
SANITARY SEWER LATERAL PROFILE (QUAIL STREET)
SCALE=1"=30' (H) 1"=3' (V)

SANITARY SEWER LATERAL PROFILE (WESTERN AVENUE)
SCALE=1"=30' (H) 1"=3' (V)

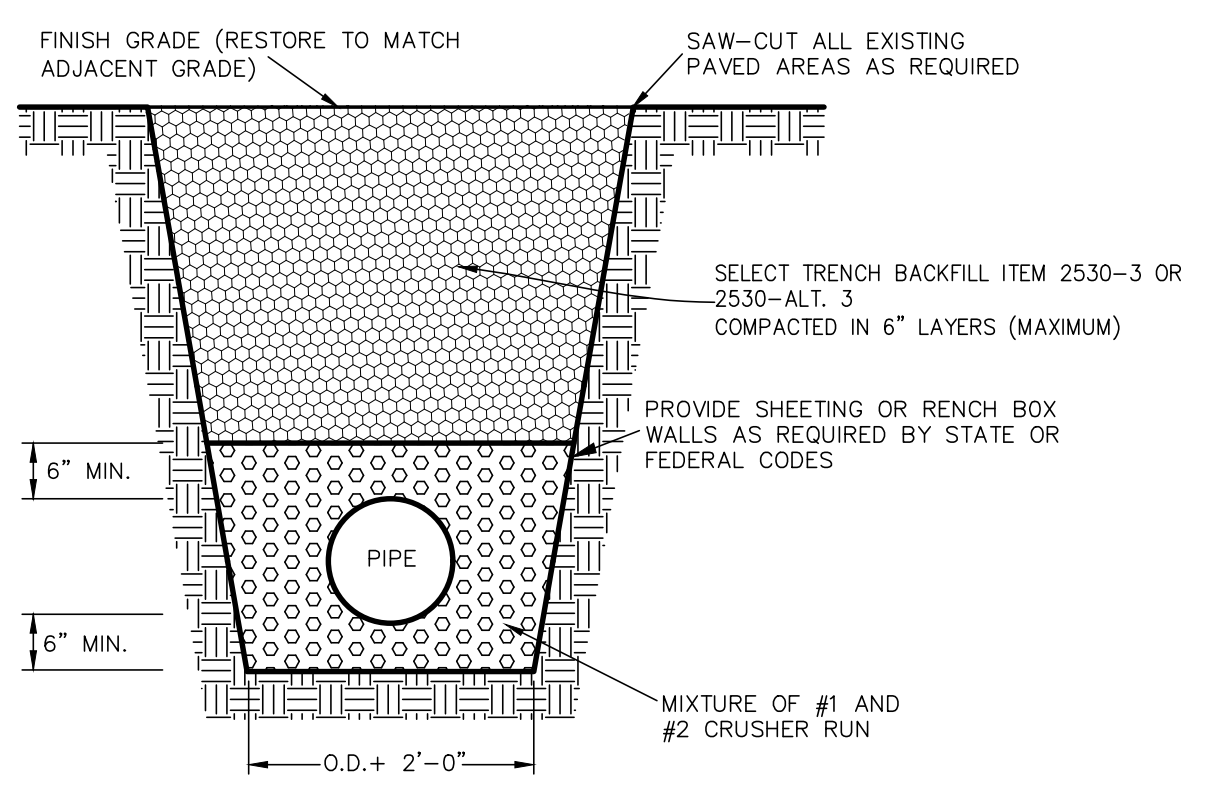


- NOTES:**
- GREASE & OIL INTERCEPTOR SHALL BE INSTALLED IN CONFORMANCE WITH THE CITY OF ALBANY DEPARTMENT OF GENERAL SERVICES.
 - THE TANKS SHALL BE DESIGNED FOR H-20 LOADING. (TRAFFIC DUTY).
 - SUBMIT SHOP DRAWINGS FOR APPROVAL PRIOR TO FABRICATION.
 - EXTERIOR OF TANK SHALL RECEIVE BITUMINOUS COATING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

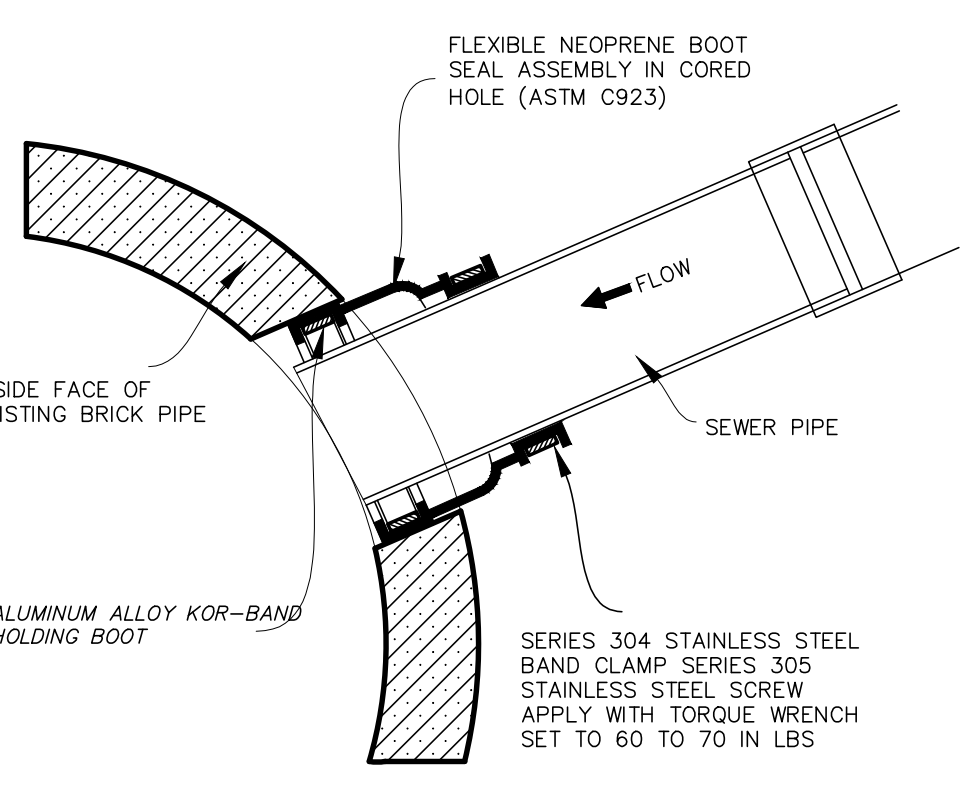
1 C4 GREASE & OIL INTERCEPTOR DETAIL
NOT TO SCALE



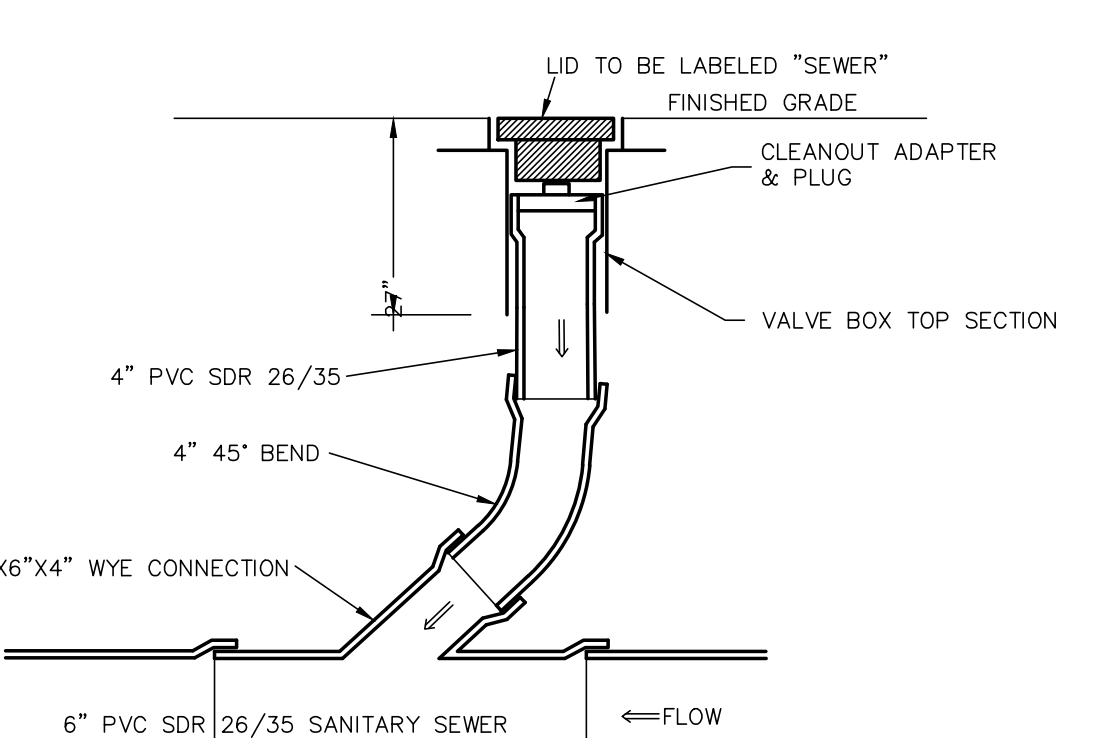
2 C4 SANITARY SEWER MANHOLE DETAIL
NOT TO SCALE



3 C4 TYPICAL SANITARY SEWER & WATER MAIN TRENCH DETAIL
NOT TO SCALE



4 C4 CORED IN FIELD SEWER PIPE CONNECTION
NOT TO SCALE



5 C4 IN LINE CLEANOUT DETAIL
NOT TO SCALE

- ### NOTES
- 48 HOURS NOTICE MUST BE GIVEN TO DEPARTMENT OF WATER FOR INSPECTIONS FOR THE SANITARY, WATER AND STORMWATER UTILITIES.
 - BACKFLOW PREVENTORS TO BE INSTALLED ON SANITARY SEWER LATERALS.
 - LOCATION OF EXISTING SANITARY SEWER LATERALS ARE UNKNOWN. CONTRACTOR TO LOCATE IN FIELD. DOCUMENTATION OF PROPOSED EASEMENTS WILL BE PROVIDED ONCE LOCATIONS OF EXISTING SANITARY SEWER LATERALS ARE FOUND.

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Albany, New York 12203

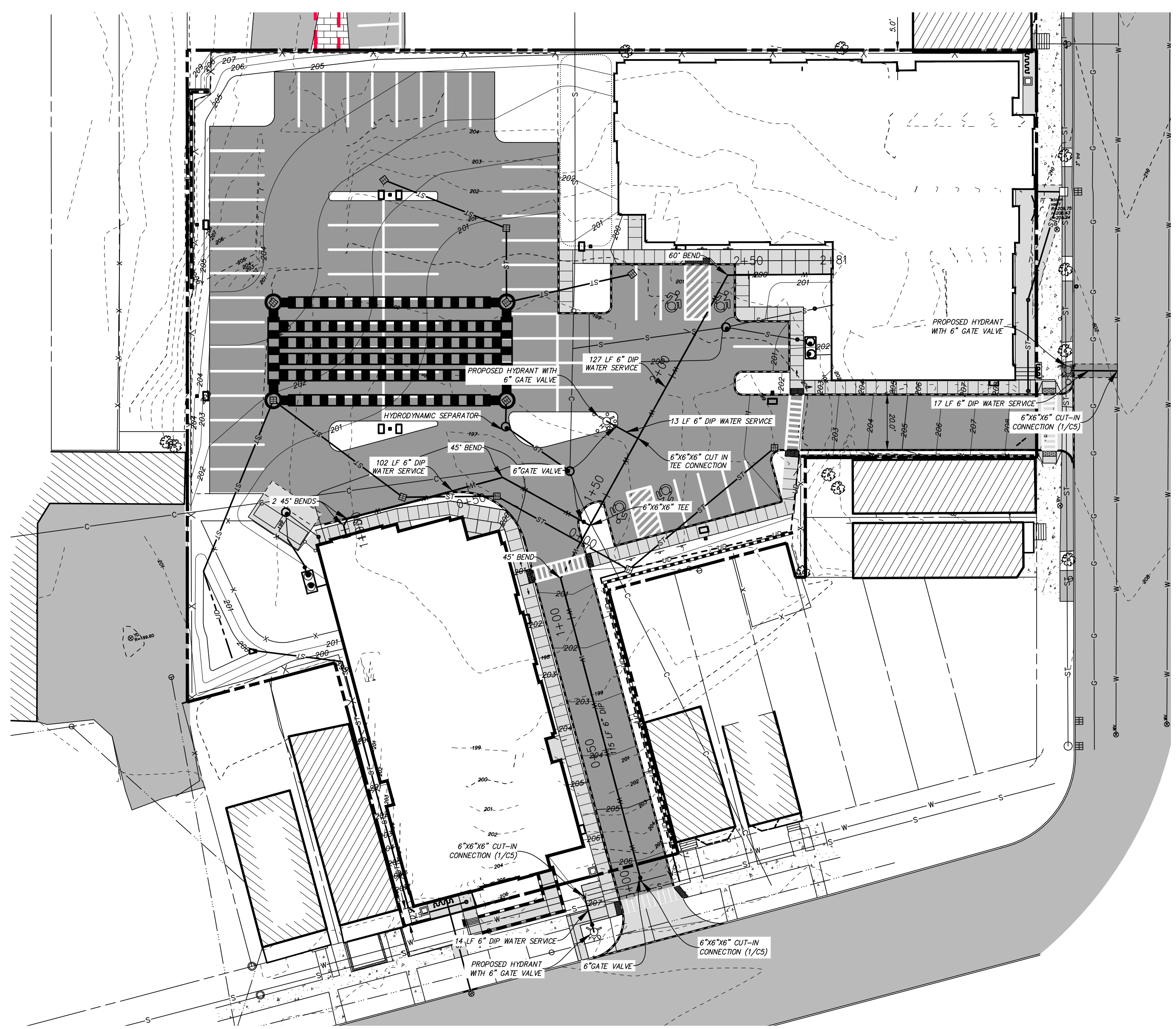
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STATE OF NEW YORK
DANIEL R. HERSHBERG
PROFESSIONAL ENGINEER & LAND SURVEYOR

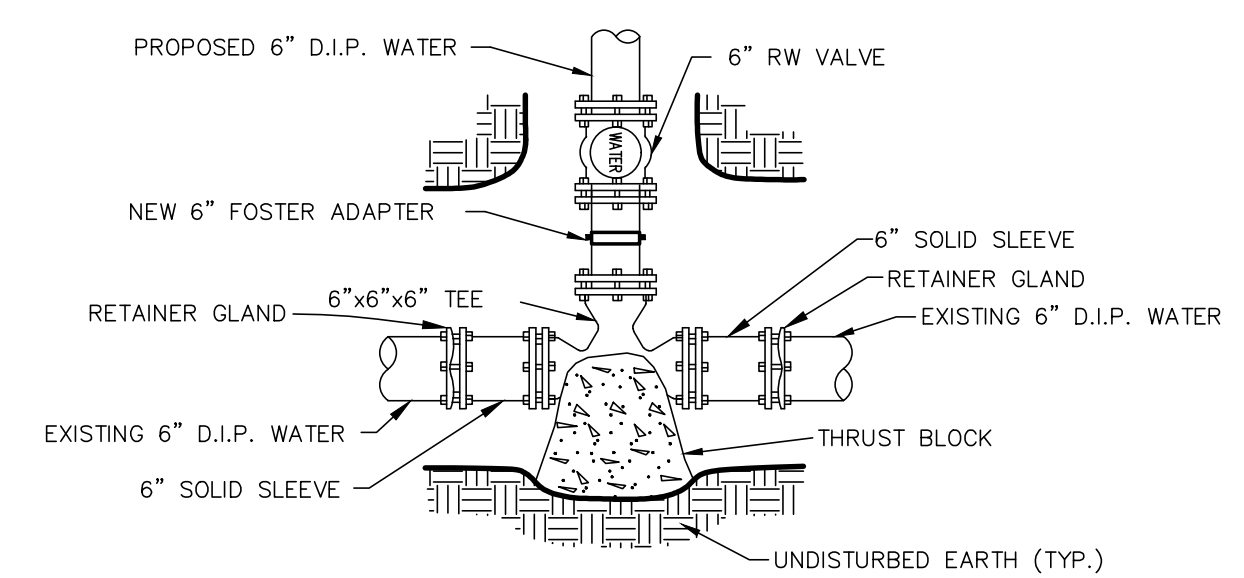
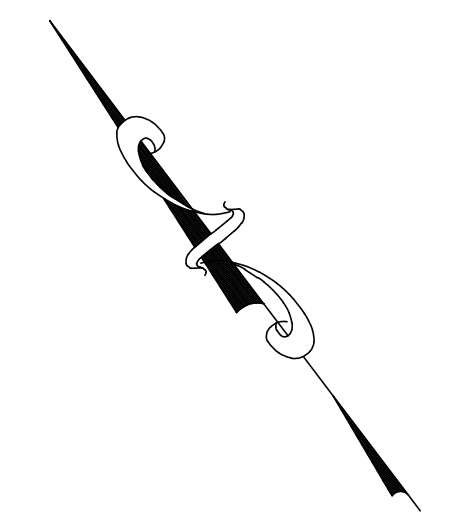
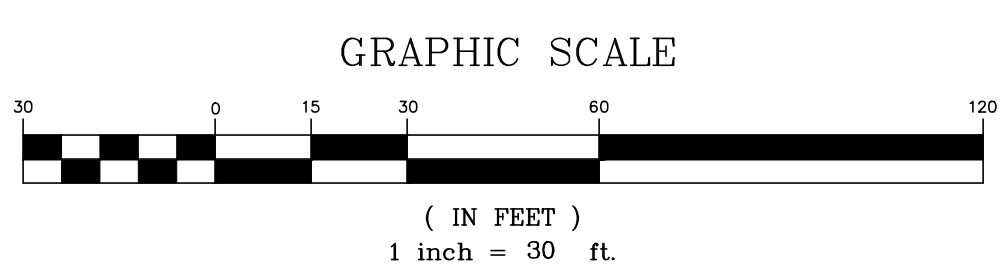
| DATE | REVISIONS |
|----------|-------------------|
| 07/10/19 | GENERAL REVISIONS |
| 02/27/21 | GENERAL REVISIONS |
| 10/11/21 | GENERAL REVISIONS |
| 10/20/21 | GENERAL REVISIONS |
| 11/20/21 | GENERAL REVISIONS |
| 2/9/22 | GENERAL REVISIONS |

SEWER PLAN, PROFILE, AND DETAILS FOR LOFTS AT PINE HILLS 237 WESTERN AVENUE CITY OF ALBANY, NEW YORK STATE, ALBANY COUNTY

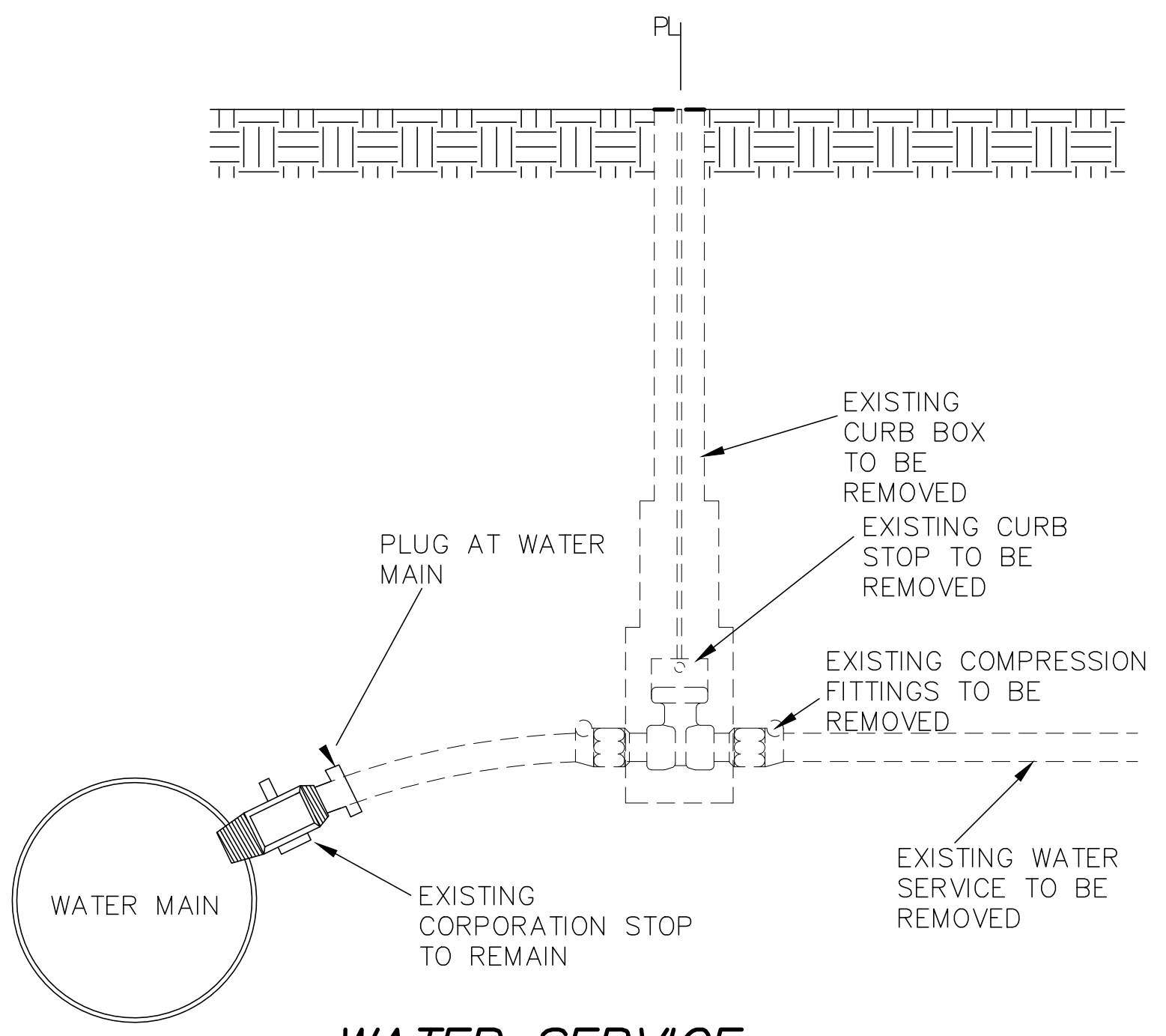
FILE: 180312 SCALE: 1"=30' CHK: DRH DATE: 2/26/19



WATER PLAN
SCALE=1"=30'



1 CUT IN TEE DETAIL
NOT TO SCALE

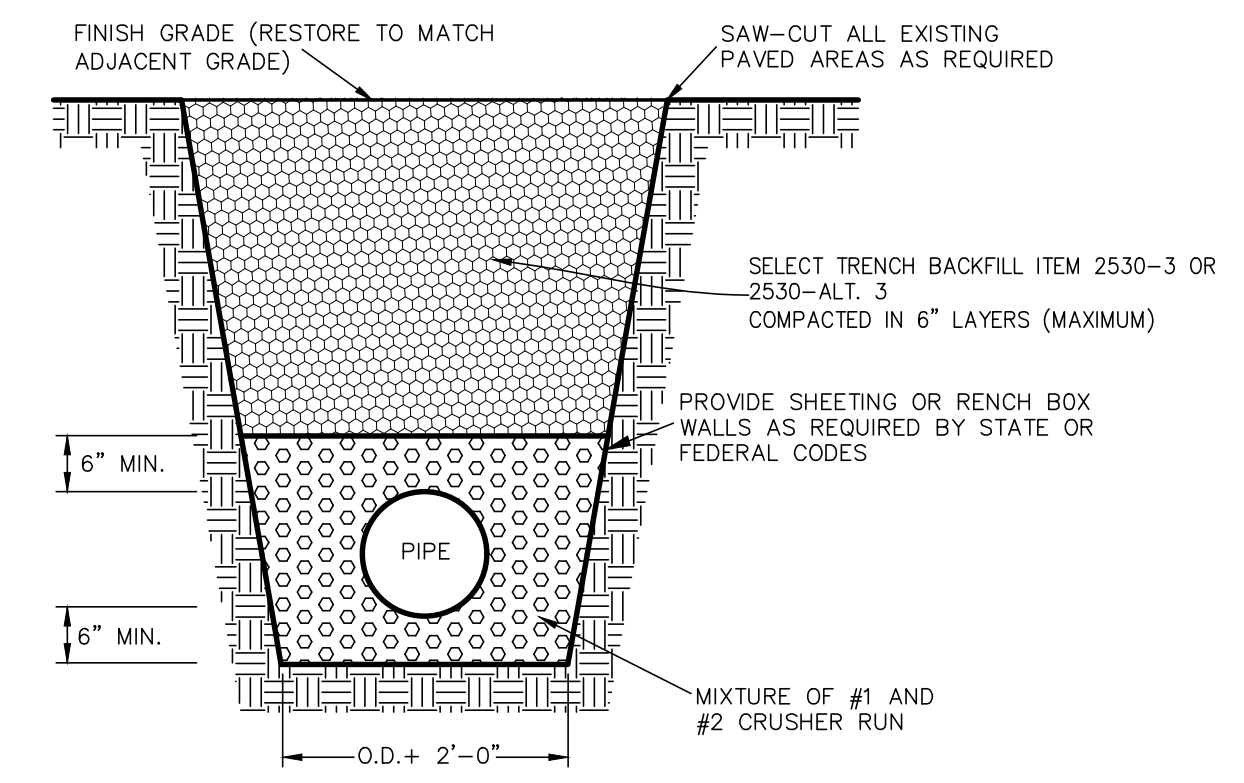


2 WATER SERVICE ABANDONMENT DETAIL
NOT TO SCALE

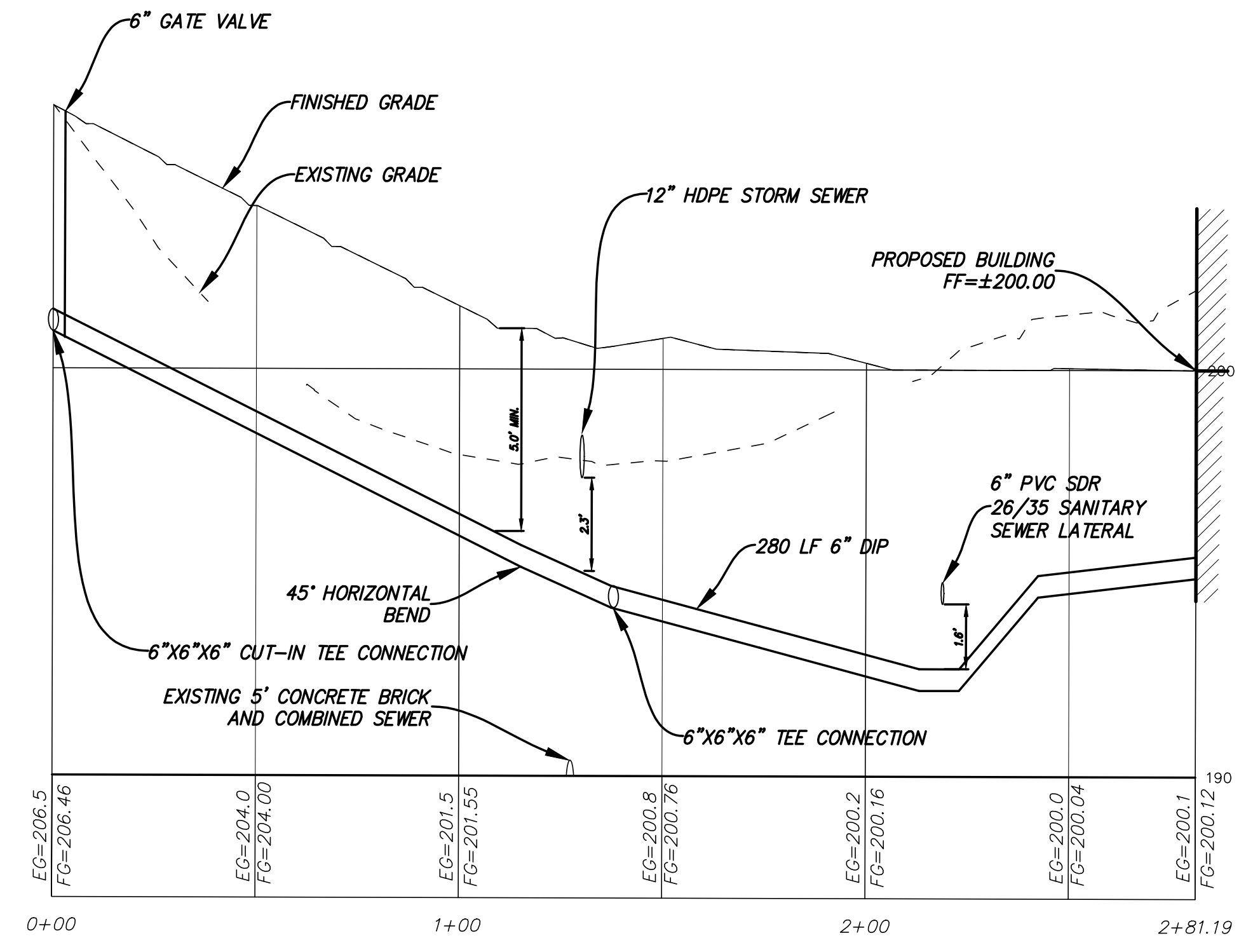
| LEGEND | | | |
|--------|--------------------|----|--|
| R.O.W. | RIGHT OF WAY | □ | MONUMENT |
| No. | NUMBER | ○ | IRON ROD |
| enc. | ENCROACHMENT | MH | MANHOLE |
| P.O.B. | POINT OF BEGINNING | ⊕ | CATCHBASIN |
| S.F. | SQUARE FEET | — | SIGN |
| N/F | NOW OR FORMERLY | • | BOLLARD |
| Fl. | FEET | — | FENCE LINE |
| Dep. | DEGREE | — | GUARD RAIL |
| R | RECORD | — | OVERHEAD WIRE, UTILITY POLE & GUY WIRE |
| M | MEASURED | → | TRAFFIC FLOW ACCESS AREA |
| N | NORTH | ⊕ | WATER SHUT OFF |
| S | SOUTH | ⊕ | YARD DRAIN |
| E | EAST | ⊕ | WATER VALVE |
| W | WEST | ⊕ | HYDRANT |
| tel. | TELEPHONE | ⊕ | GAS VALVE |
| elec. | ELECTRIC | ⊕ | STREET LIGHT |
| L | LIBER | ⊕ | LIGHT POLE |
| P. | PAGE | □ | CONCRETE |
| | TREE | □ | PAVEMENT |
| | | □ | PROPOSED CONCRETE |
| | | □ | PROPOSED PAVEMENT |
| | | — | PROPOSED WATER MAIN |
| | | — | PROPOSED SANITARY SEWER |
| | | — | PROPOSED STORM SEWER |
| | | — | PROPOSED CONTOURS |
| | | □ | PROPOSED CATCH BASIN |
| | | — | PROPOSED RETAINING WALL |
| | | — | PROPOSED CONCRETE CURB |

NOTES

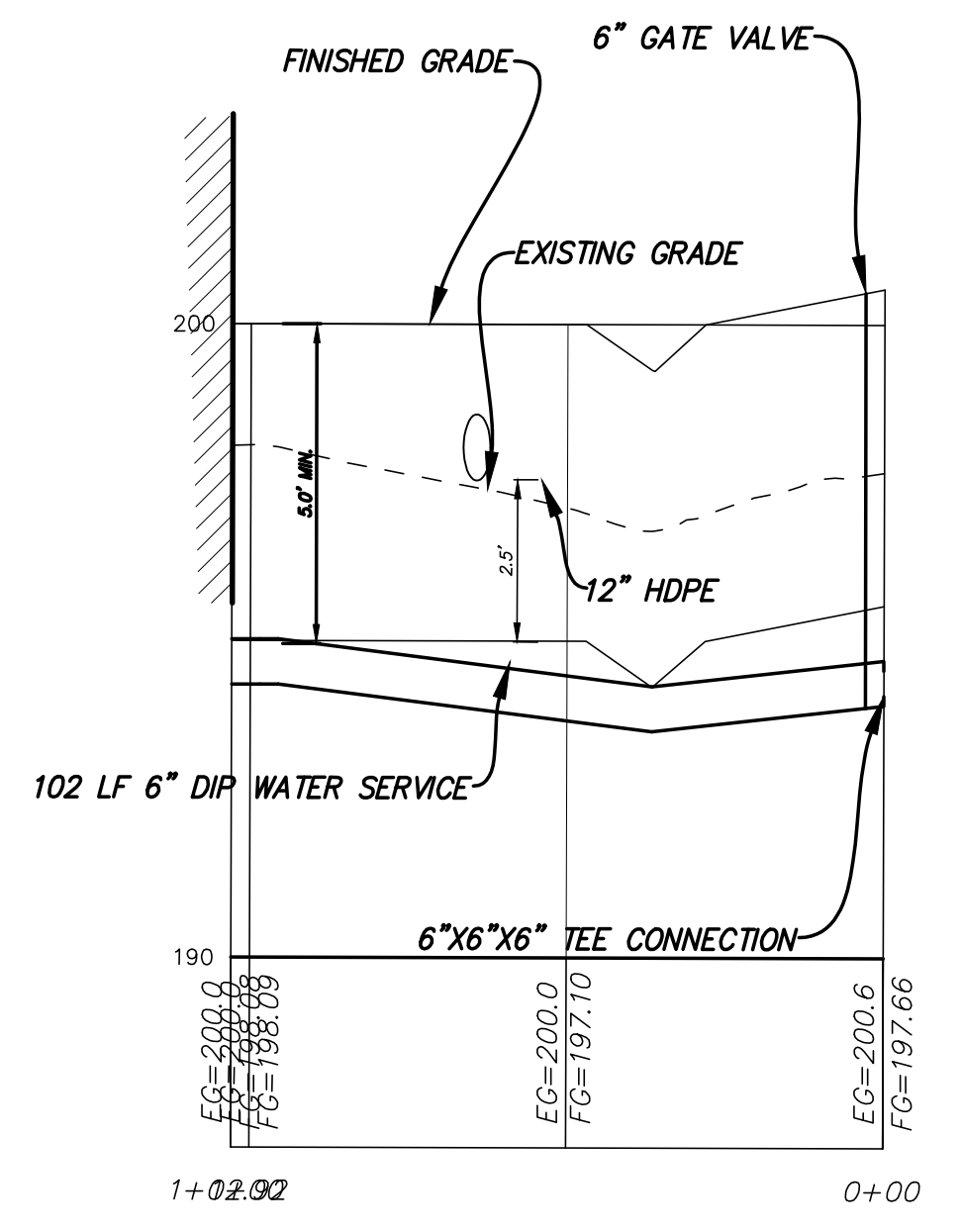
- 48 HOURS NOTICE MUST BE GIVEN TO DEPARTMENT OF WATER FOR INSPECTIONS FOR THE SANITARY, WATER AND STORMWATER UTILITIES.
- PRESSURE AND LEAKAGE TESTING OF THE WATER MAIN SHALL BE WITNESSED BY DEPARTMENT STAFF AND ACCEPTABLE BACTERIOLOGICAL TEST MUST BE SUBMITTED AND ACCEPTED BY THE DEPARTMENT PRIOR TO FINAL OF THE NEW WATER MAIN.
- PRIOR TO USE, ALL WATER LINES MUST BE CHLORINATED AND HAVE A BACTERIOLOGICAL TEST PERFORMED IN ACCORDANCE WITH CITY OF ALBANY STANDARDS.
- FOUNDATION OF BUILDING TO BE WATERPROOF. SEE ARCHITECTURAL DRAWINGS.



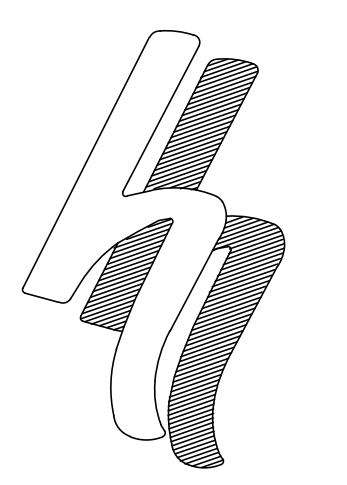
3 TYPICAL SANITARY SEWER & WATER MAIN TRENCH DETAIL
NOT TO SCALE



WATER SERVICE PROFILE
SCALE=1"=30' (H) 1"=3' (V)



WATER SERVICE PROFILE
SCALE=1"=30' (H) 1"=3' (V)



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

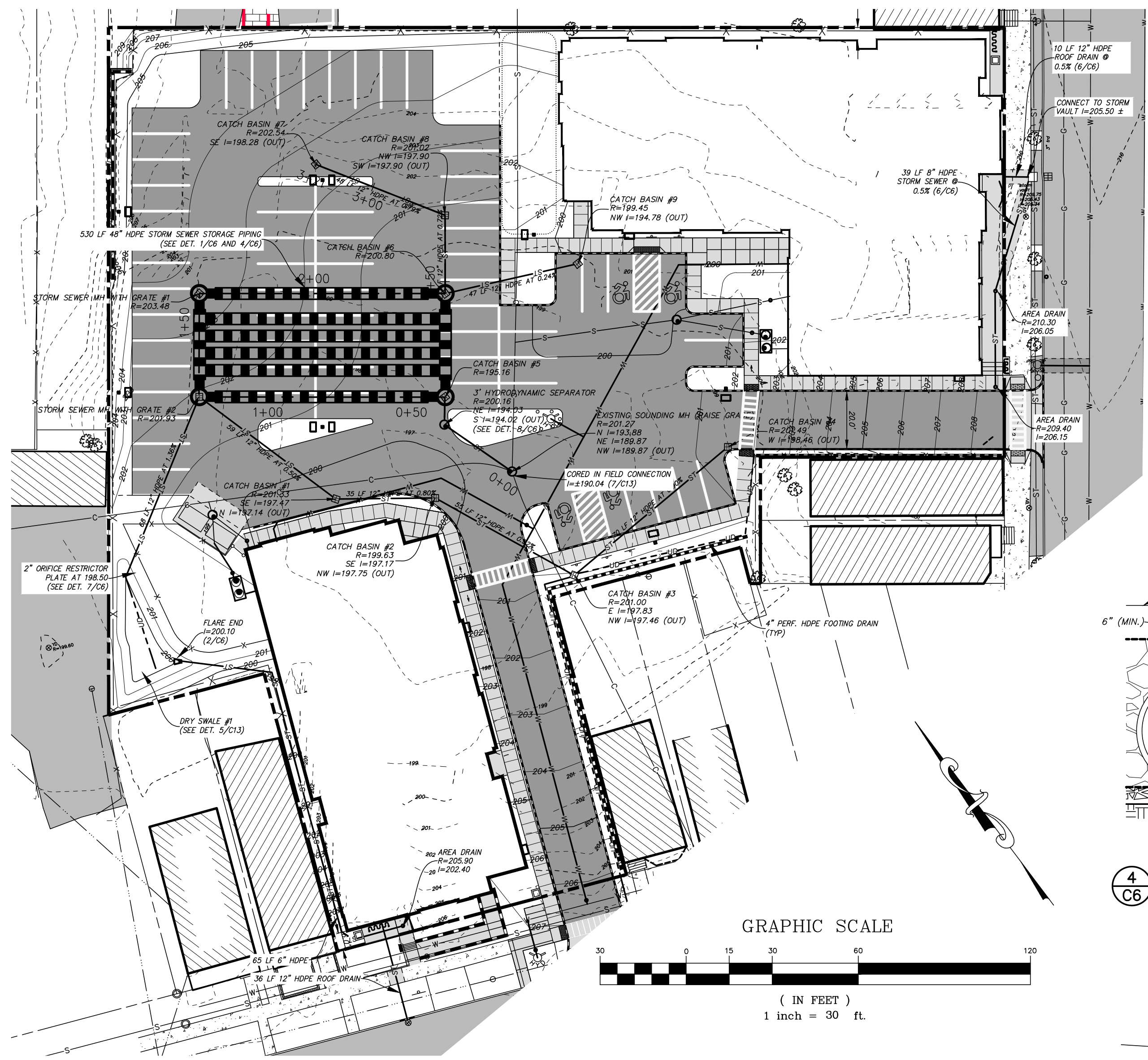
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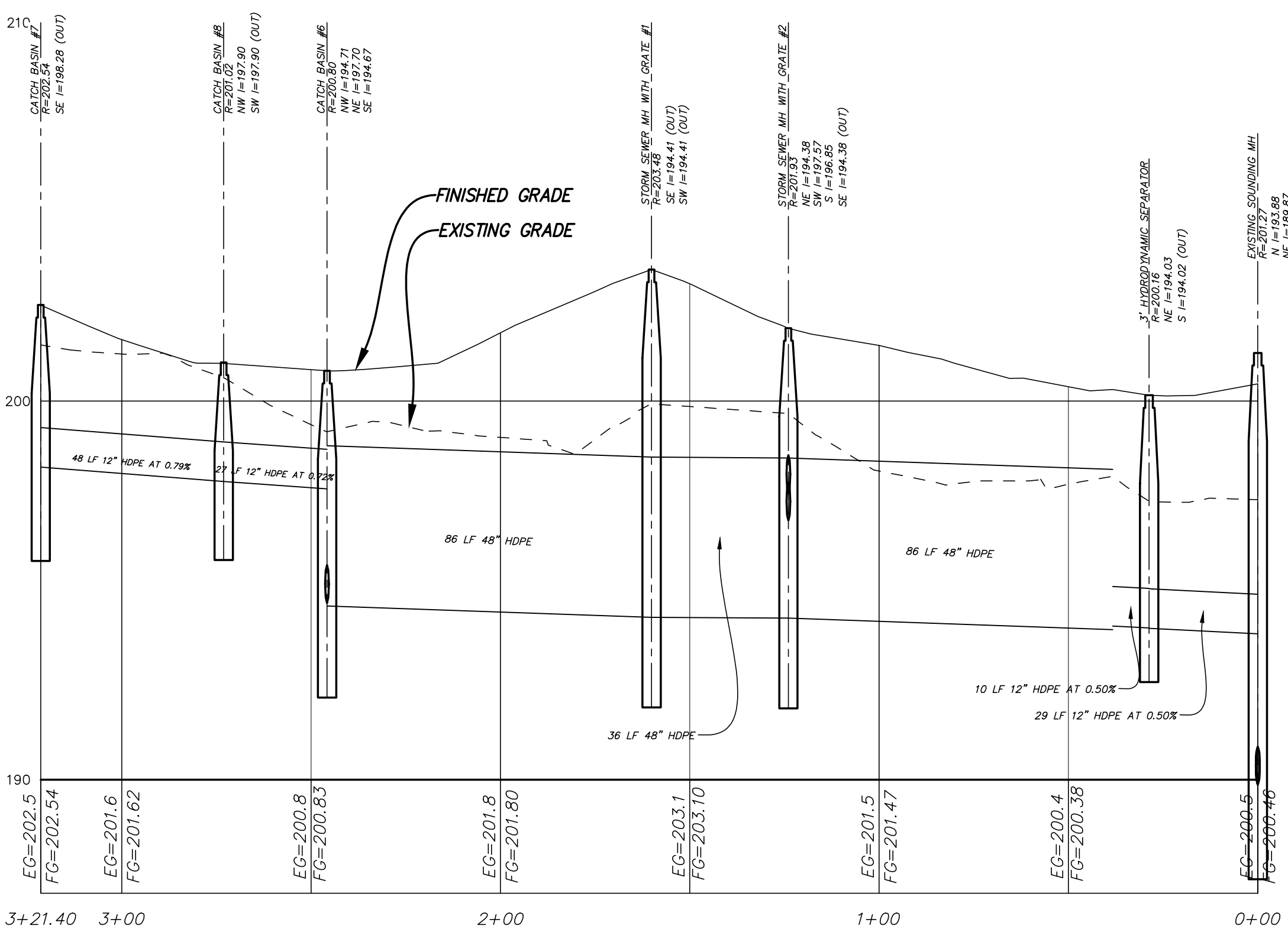
| DATE | REVISIONS |
|----------|----------------------|
| 9/10/19 | STORM SEWER REVISION |
| 8/27/21 | GENERAL REVISIONS |
| 10/11/21 | BUILDING LAYOUT REV |
| 10/20/21 | COMMENT REVISIONS |
| 11/10/21 | COMMENT REVISIONS |
| 2/2/22 | GENERAL REVISIONS |

WATER PLAN, PROFILE, AND DETAILS FOR
LOFTS AT PINE HILLS
237 WESTERN AVENUE
CITY OF ALBANY, NEW YORK STATE, ALBANY COUNTY

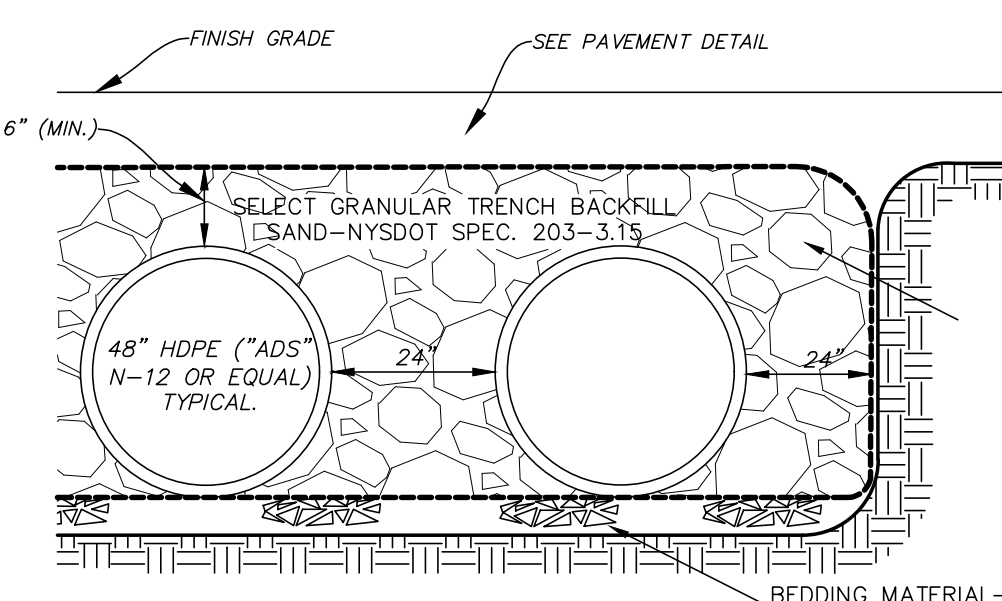
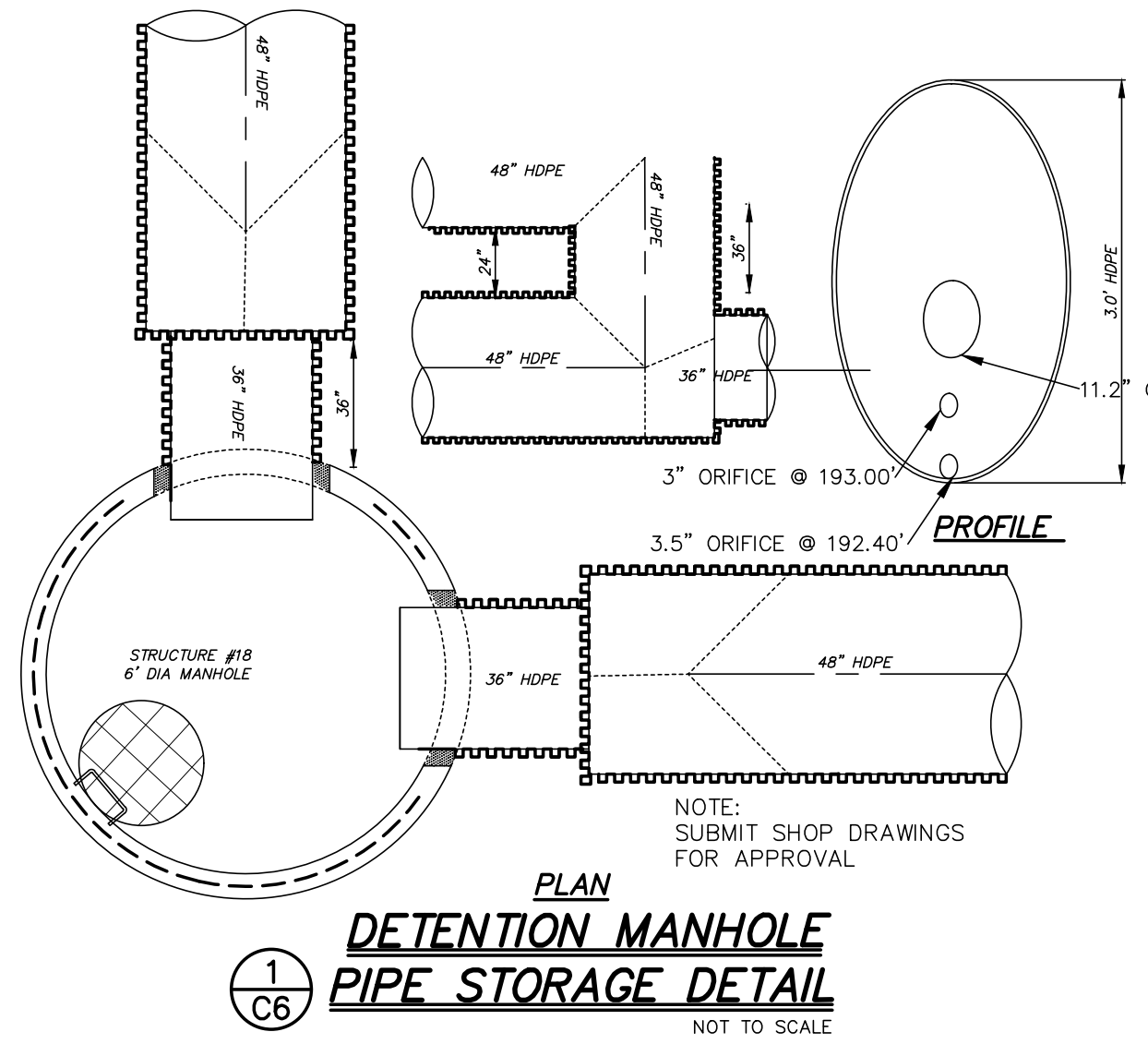
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FILE: 180312
CHK: DRH
GATE: 2/26/19
180312-1.DWG



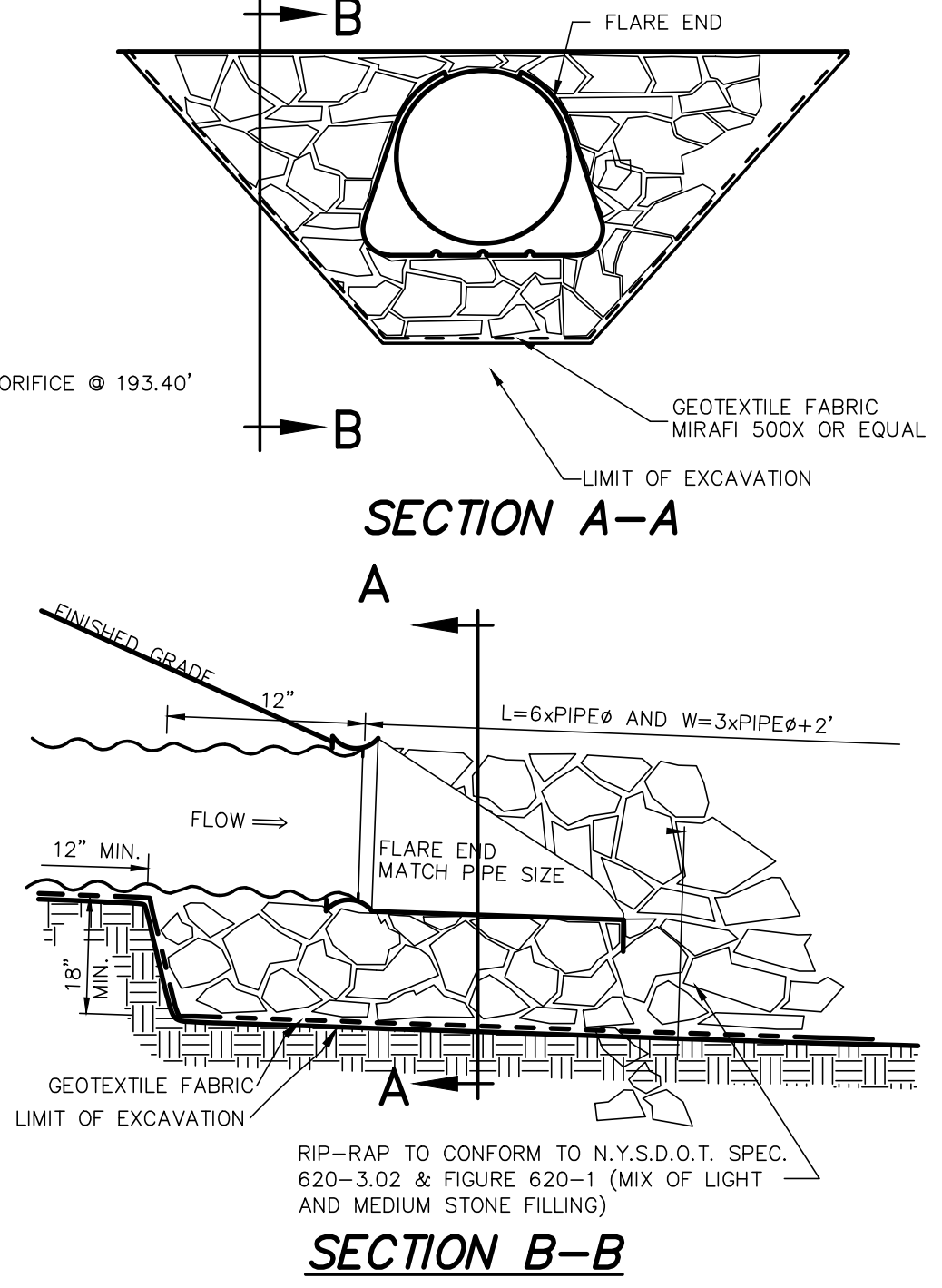
STORM SEWER PLAN
SCALE: 1" = 30'



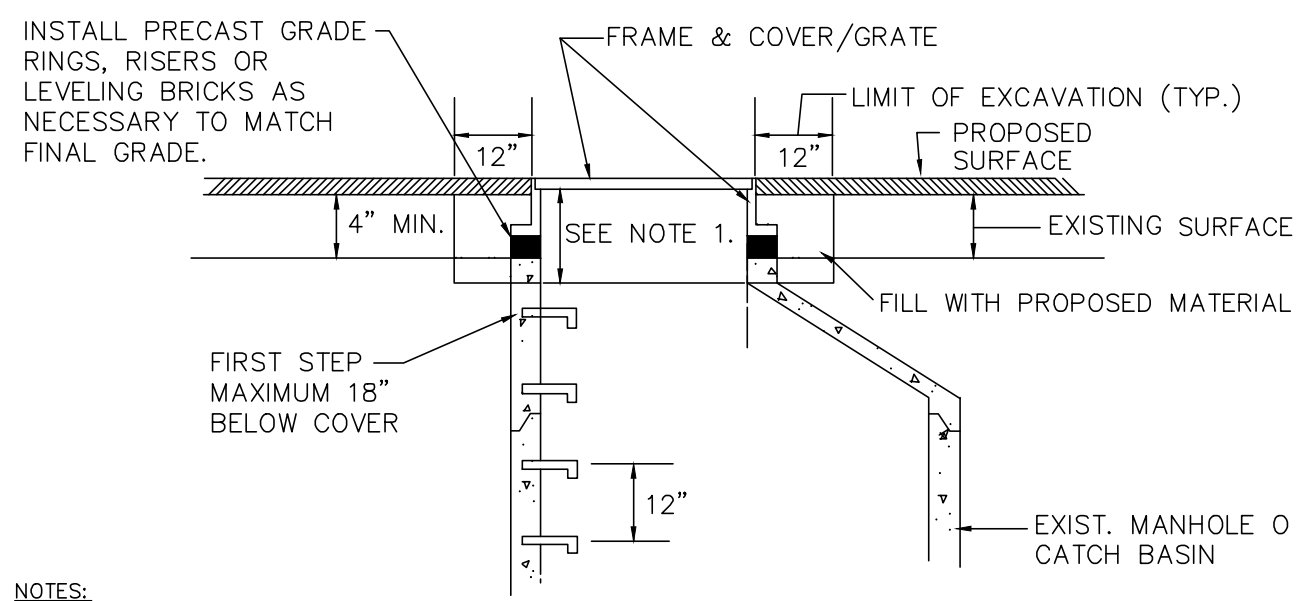
STORM SEWER PROFILE
SCALE: 1" = 30' (H) 1" = 3' (V)



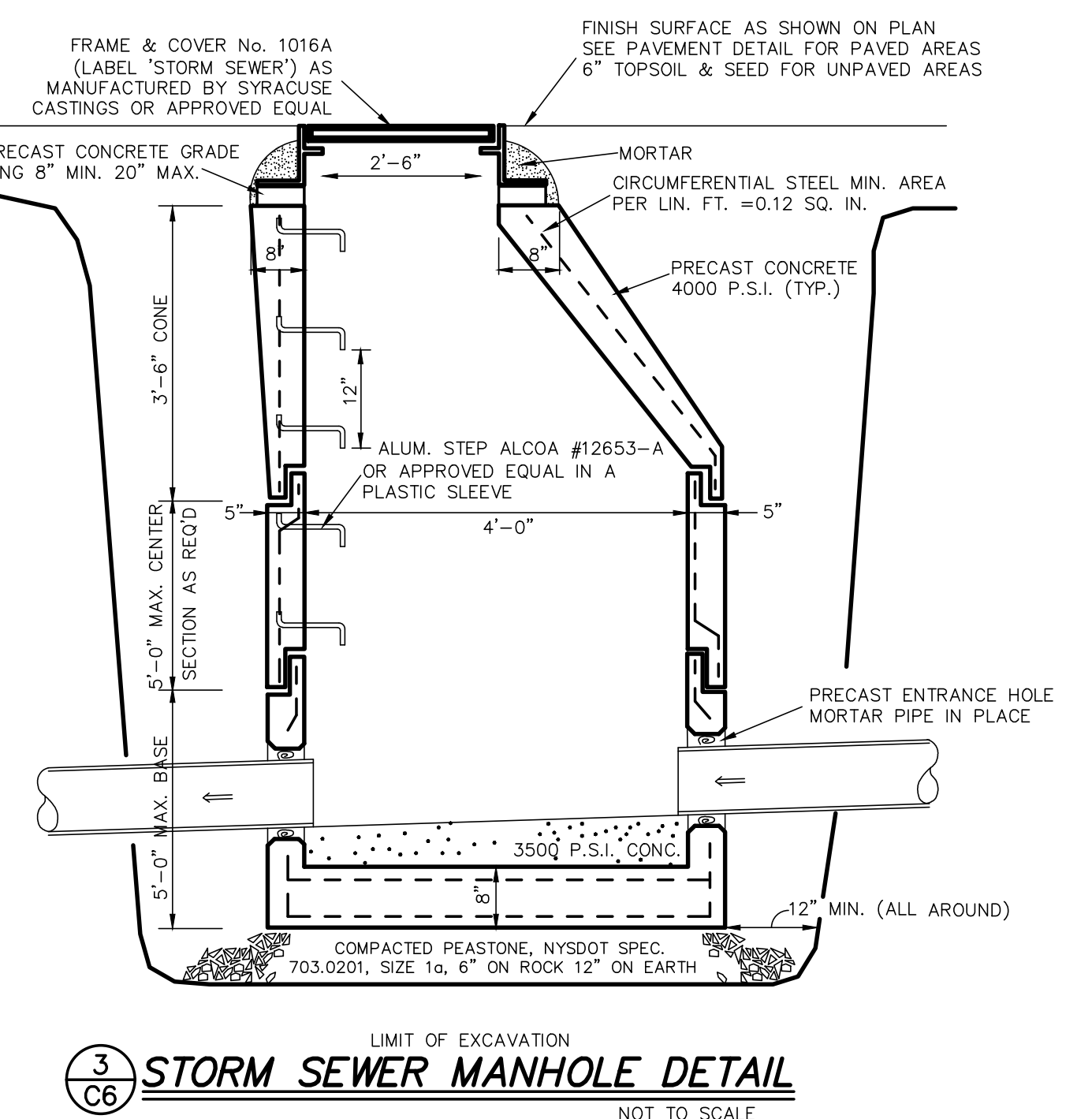
4 C6 DETENTION GALLERY SECTION
NOT TO SCALE



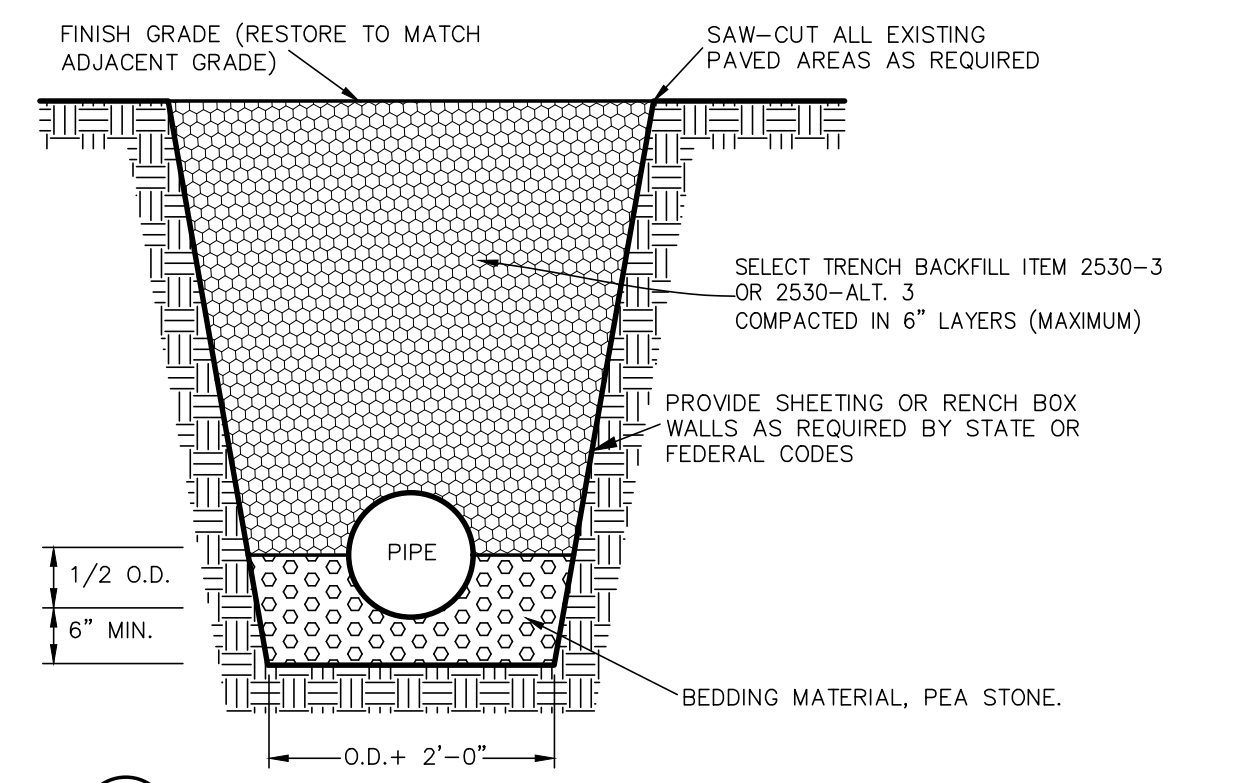
2 C6 FLARE END SECTION DETAIL
NOT TO SCALE



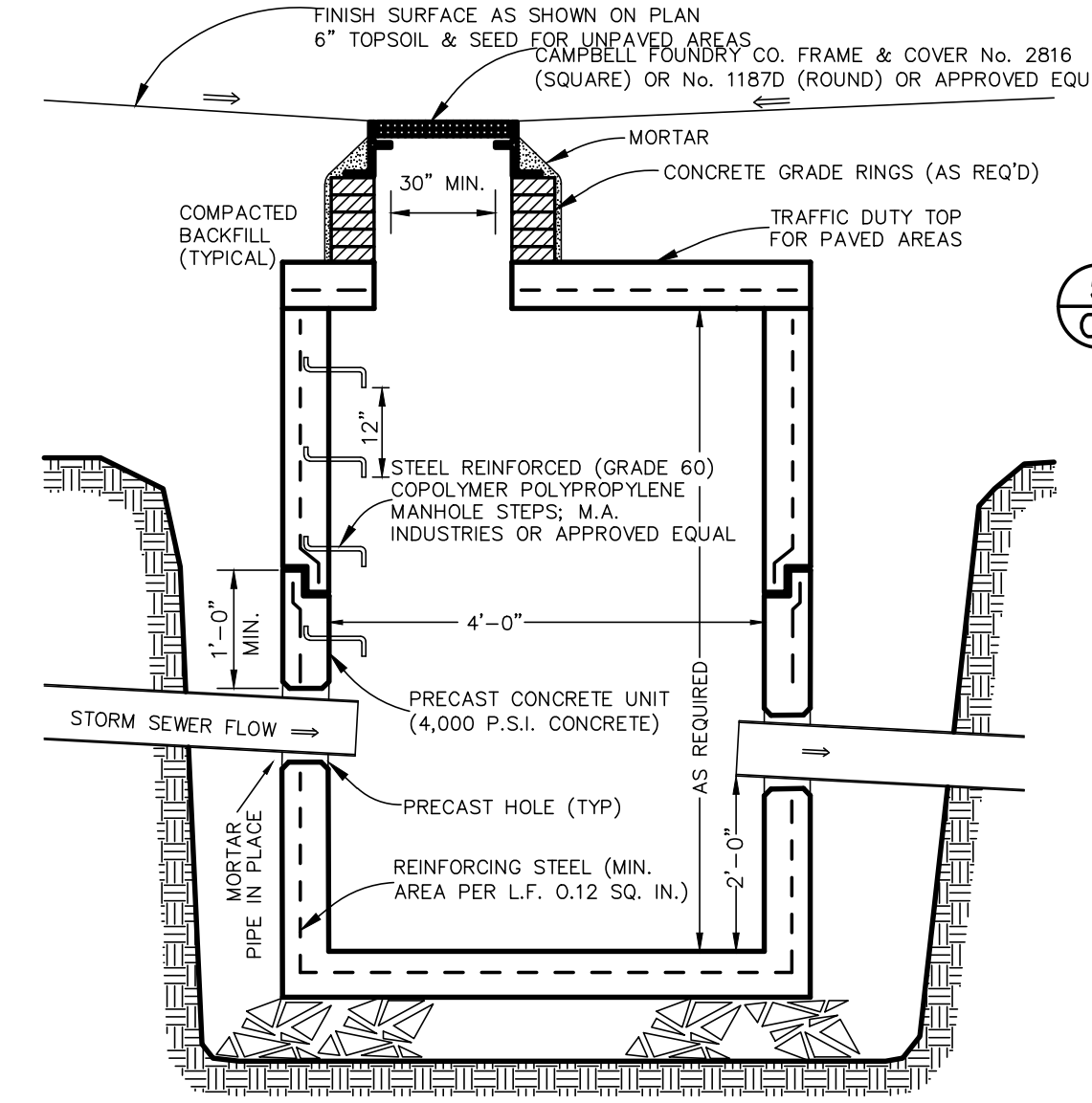
5 C6 MANHOLE/CATCHBASIN GRADE ADJUSTMENT DETAIL
NOT TO SCALE



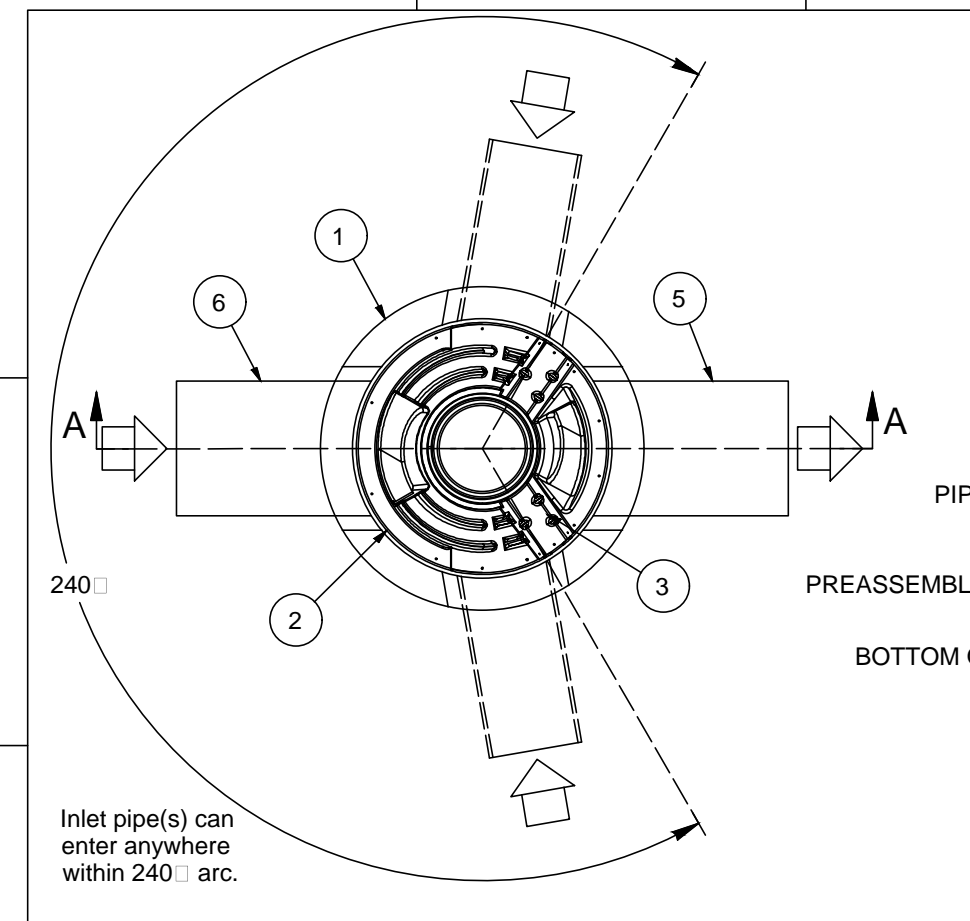
3 C6 STORM SEWER MANHOLE DETAIL
NOT TO SCALE



6 C6 TYPICAL STORM SEWER TRENCH DETAIL
NOT TO SCALE



7 C6 CATCH BASIN DETAIL
NOT TO SCALE



8 C6 3' FIRST DEFENSE HYDRODYNAMIC SEPARATOR
NOT TO SCALE

7 C6 RESTRICTOR PLATE DETAIL
NOT TO SCALE

PROJECTION

GENERAL NOTES:

- MANHOLE WALL AND SLAB THICKNESSES ARE NOT TO SCALE.
- CONTACT HYDRO INTERNATIONAL FOR A BOTTOM OF STRUCTURE ELEVATION PRIOR TO SETTING FIRST DEFENSE MANHOLE.
- CONTRACTOR TO CONFIRM RIM, PIPE INVERTS, PIPE DIA. AND PIPE ORIENTATION PRIOR TO RELEASE OF UNIT TO FABRICATION.

GENERAL ARRANGEMENT

Hydro International

94 Hutchins Drive
Portland, ME 04102
Tel: +1 (207) 756-6200
Fax: +1 (207) 756-6212
hydro-int.com

| ITEM | SIZE (in) | DESCRIPTION |
|------|-----------|-------------------------|
| 1 | 36 | I.D. PRECAST MANHOLE |
| 2 | | LEDGER SUPPORT |
| 3 | | SEPARATION MODULE |
| 4 | 30 | FRAME AND COVER (ROUND) |
| 5 | 15 | OUTLET PIPE (BY OTHERS) |
| 6 | 15 | INLET PIPE (BY OTHERS) |

GENERAL NOTES:

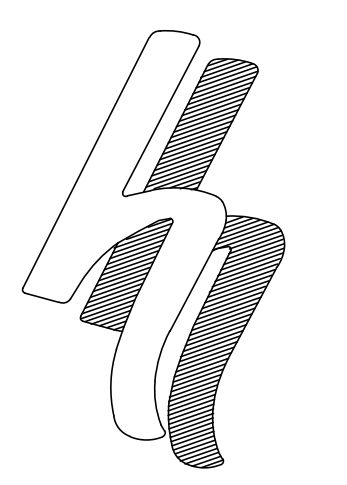
- General Arrangement drawings only. Contact Hydro International for site specific fabrication drawings.
- The diameter of the inlet & outlet pipes may be no more than 18".
- Multiple inlet pipes possible (refer to project plans).
- Inlet/outlet pipe angle can vary to align with drainage network (refer to project plans).
- Peak flow rate and minimum height limited by available cover and pipe diameter.
- Larger sediment storage capacity may be provided with a deeper sump depth.

PRODUCT SPECIFICATIONS:

- The treatment system shall use an induced vortex to separate pollutants from stormwater runoff.
- The treatment system shall fit within the limits of excavation (area and depth) as shown in the project plans and will not exceed the dimensions for the design flow rates specified herein.
- The treatment system shall remove greater than or equal to 80% of TSS based on the Target Particle Size (TPS) of 106 Microns and/or 80% of TSS based on the TPS of 230 microns at 0.3 cfs and 0.53 cfs, respectively.
- The treatment system shall convey the Peak On-line Flow Rates of up to 15 cfs without causing upstream surcharge conditions. Full-scale independent laboratory scour testing shall demonstrate effluent control of less than or equal to 5 mg/L for all flows up to 200% of MFR-106.
- The treatment system shall be capable of capturing and retaining fine silt and sand size particles. Analysis of captured sediment from full-scale field installations shall demonstrate particle sizes predominately in the 20-micron range.

DO NOT SCALE DRAWINGS

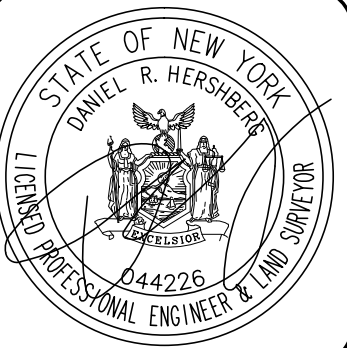
APPROX WEIGHT: INTERNAL: []
EXTERNAL: []
ASSEMBLY: []
FRAMES: []
SEPARATION: []
COVER: []
INLET: []
OUTLET: []
SCALE: 1" = 30'



HERSHBERG & HERSHBERG
Consulting Engineers and Land Surveyors

18 Locust Street
Albany, New York 12203

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| DATE | REVISIONS |
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| 9/10/19 | STORM SEWER REVISED |
| 8/21/21 | GENERAL REVISIONS |
| 10/11/21 | BUILDING LAYOUT REV |
| 10/20/21 | COMMENT REVISIONS |
| 11/20/21 | GENERAL REVISIONS |
| 2/2/22 | GENERAL REVISIONS |

SWPPP PLAN, PROFILE AND DETAILS FOR LOFTS AT PINE HILLS 237 WESTERN AVENUE CITY OF ALBANY, NEW YORK STATE, ALBANY COUNTY

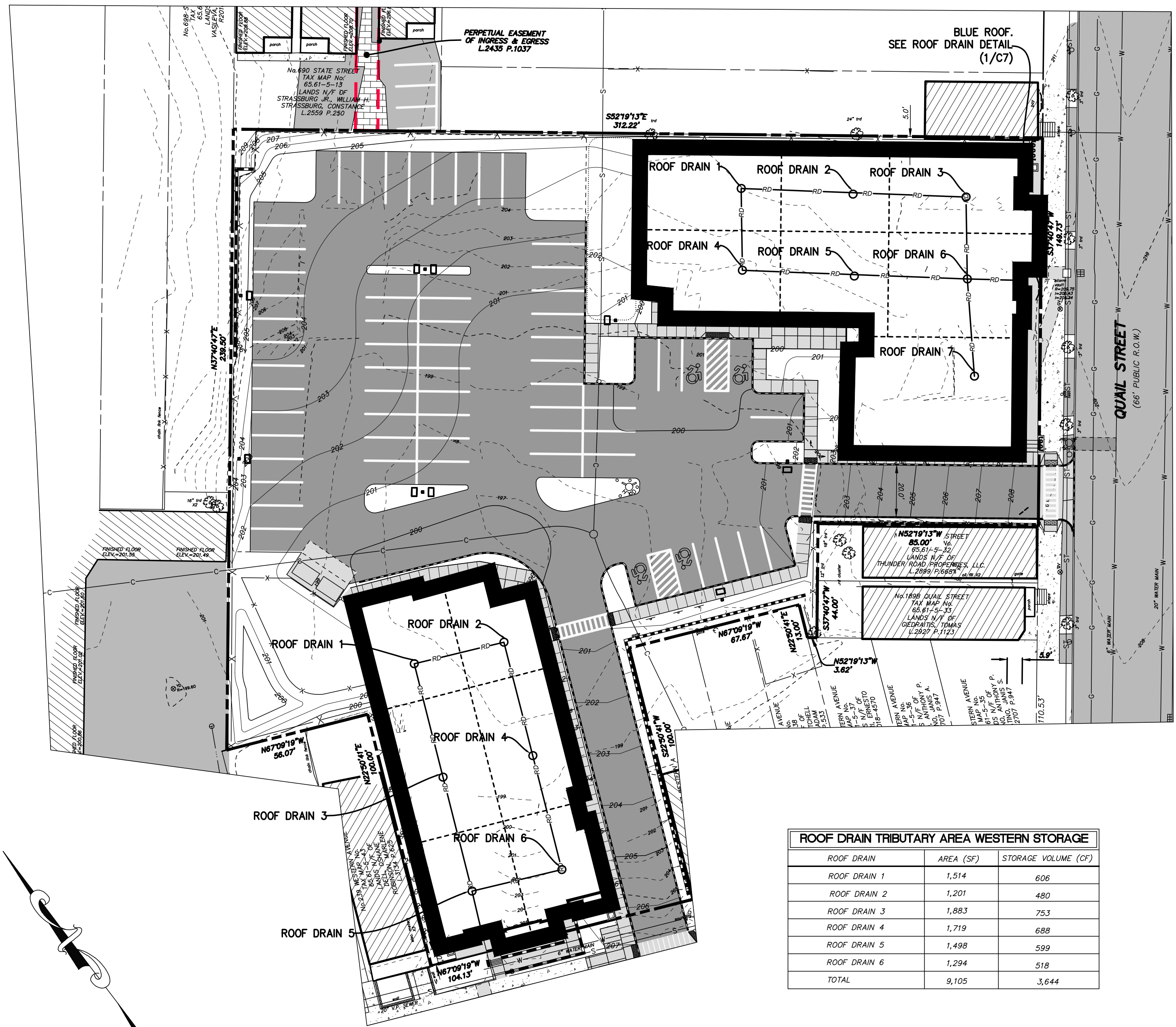
SCALE: 1" = 30'

FILE: 66012

CHK: DRH

DATE: 2/26/19

180315-1.DWG



| ROOF DRAIN | AREA (SF) | STORAGE VOLUME (CF) |
|--------------|-----------|---------------------|
| ROOF DRAIN 1 | 1,514 | 606 |
| ROOF DRAIN 2 | 1,201 | 480 |
| ROOF DRAIN 3 | 1,883 | 753 |
| ROOF DRAIN 4 | 1,719 | 688 |
| ROOF DRAIN 5 | 1,498 | 599 |
| ROOF DRAIN 6 | 1,294 | 518 |
| TOTAL | 9,105 | 3,644 |

| ROOF DRAIN | AREA (SF) | STORAGE VOLUME (CF) |
|--------------|-----------|---------------------|
| ROOF DRAIN 1 | 1,437 | 719 |
| ROOF DRAIN 2 | 1,428 | 714 |
| ROOF DRAIN 3 | 1,595 | 798 |
| ROOF DRAIN 4 | 1,664 | 832 |
| ROOF DRAIN 5 | 1,773 | 887 |
| ROOF DRAIN 6 | 1,948 | 974 |
| ROOF DRAIN 7 | 3,335 | 1,668 |
| TOTAL | 13,180 | 6,592 |

LEGEND

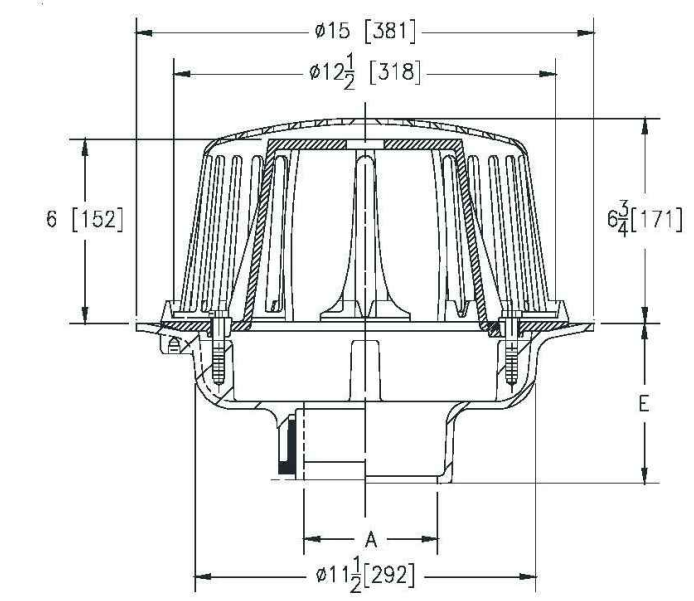
| | | | |
|--------|--------------------|---|--|
| R.O.W. | RIGHT OF WAY | □ | MONUMENT |
| No. | NUMBER | ○ | IRON ROD |
| enc. | ENCROACHMENT | ○ | MANHOLE |
| P.O.B. | POINT OF BEGINNING | ⊠ | CATCHBASIN |
| S.F. | SQUARE FEET | — | SIGN |
| N/F | NOW OR FORMERLY | • | BOLLARD |
| FL | FEET | — | 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 | ⊕ | YARD DRAIN |
| E | EAST | ⊕ | WATER VALVE |
| W | WEST | ⊕ | HYDRANT |
| tel. | TELEPHONE | ⊕ | GAS VALVE |
| elec. | ELECTRIC | ⊕ | STREET LIGHT |
| L | LIBER | ⊕ | LIGHT POLE |
| P. | PAGE | ■ | CONCRETE |
| ⊕ | TREE | ■ | PAVEMENT |

| | |
|---|-------------------------|
| ■ | PROPOSED CONCRETE |
| ■ | PROPOSED PAVEMENT |
| — | PROPOSED WATER MAIN |
| — | PROPOSED SANITARY SEWER |
| — | PROPOSED STORM SEWER |
| — | PROPOSED CONTOURS |
| ⊠ | PROPOSED CATCH BASIN |
| — | PROPOSED RETAINING WALL |
| — | PROPOSED CONCRETE CURB |

NOTES

1. LOCATIONS OF ROOF DRAINS ARE APPROXIMATE AND TO BE COORDINATED WITH STRUCTURAL ENGINEER AND ARCHITECT.

ZURN Z105-10 CONTROL-FLO ROOF DRAIN WITH 6(152) PARABOLIC WEIR



| A- Pipe Size In. [mm] | Approx. Wt. Lbs. [kg] | Dome Open Area Sq. In. [cm²] |
|-----------------------|-----------------------|------------------------------|
| 2, 3, 4 [51, 76, 102] | 34 [15] | 103 [665] |

ENGINEERING SPECIFICATION: ZURN Z105-10 15" [381mm] Diameter Control-Flo roof drain for sloped roof construction, Dura-Coated cast iron body, 6" [152mm] High Parabolic Control-Flo weir for sloped roof shall be linear functioning with integral membrane flashing clamp/gravel guard. All data shall be verified proportional to flow rates. Each notch will allow 10 GPM of flow per inch of rainwater build up above the drain.

OPTIONS (Check/specify appropriate options)

| | | |
|-----------------------|---------------------|-----------------|
| PIPE SIZE | (Specify size/type) | OUTLET |
| 3, 4 [51, 76, 102] | | IC Inside Caulk |
| 2, 3, 4 [51, 76, 102] | | NH No-Hub |
| 2, 3, 4 [51, 76, 102] | | NL Neo-Loc |

PREFIXES

| | | |
|----|---|------------------------|
| ZA | D.C.C.I. Body with 6-3/4 [171] High Aluminum Dome | E BODY HT. DIM. |
| ZC | D.C.C.I. Body with 6-3/4 [171] High Cast Iron Dome* | 5-1/4 [133] |

SUFFIXES

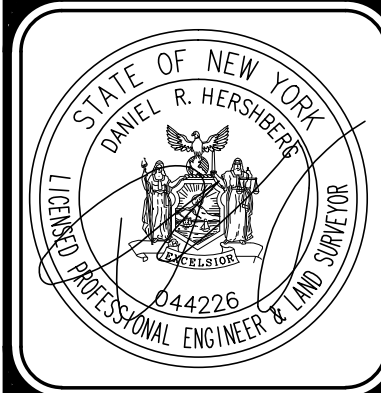
| | | |
|-----------------------------|---|--------------|
| —C | Underdeck Clamp | 5-1/4 [133] |
| —DP | Top-Set® Deck Plate (Replaces both -C & -R) | 5-1/4 [133] |
| —E | Static Extension 1 [25] thru 4 [102] (Specify Ht.) | 4-9/16 [116] |
| —EA | Adjustable Extension Assembly | |
| —2-1/8 [54] thru 3-1/2 [89] | | |
| —G | Galvanized Cast Iron | |
| —R | Roof Sump Receiver | |
| —TC | Neo-Loc Test Cap Gasket (2, 3, 4 [51, 76, 102] NL Bottom Outlet Only) | |
| —VP | Vandal Proof Secured Top | |

1 C7 ROOF DRAIN FOR BLUE ROOF DETAIL

NOT TO SCALE

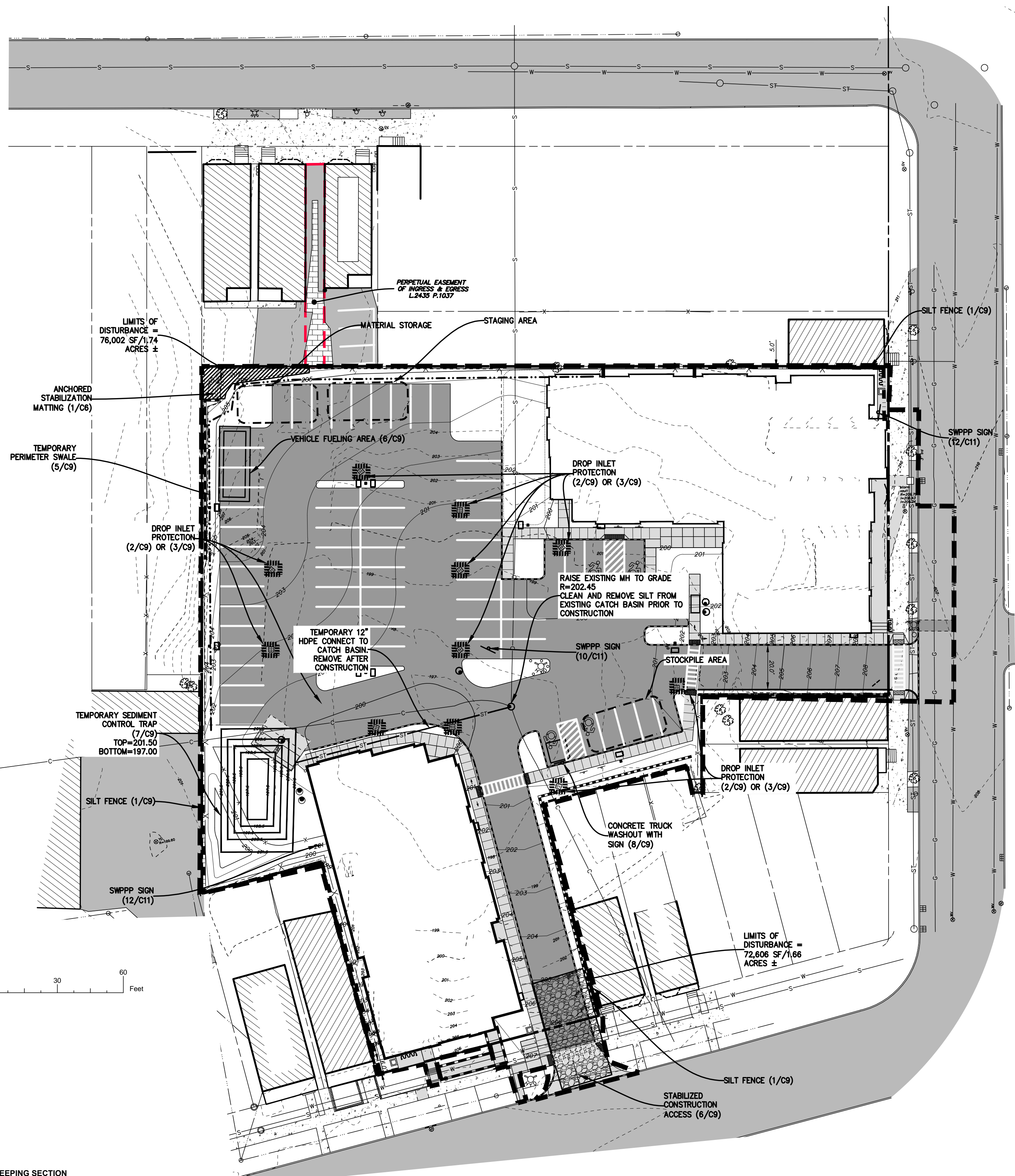
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| 8/22/21 | GENERAL REVISIONS |
| 10/11/21 | BUILDING LAYOUT REV |
| 10/20/21 | COMMENT REVISIONS |
| 11/10/21 | GENERAL REVISIONS |
| 2/2/22 | GENERAL REVISIONS |

BLUE ROOF DETAILS
LOFTS AT PINE HILLS
237 WESTERN AVENUE
CITY OF ALBANY, NEW YORK STATE, ALBANY COUNTY

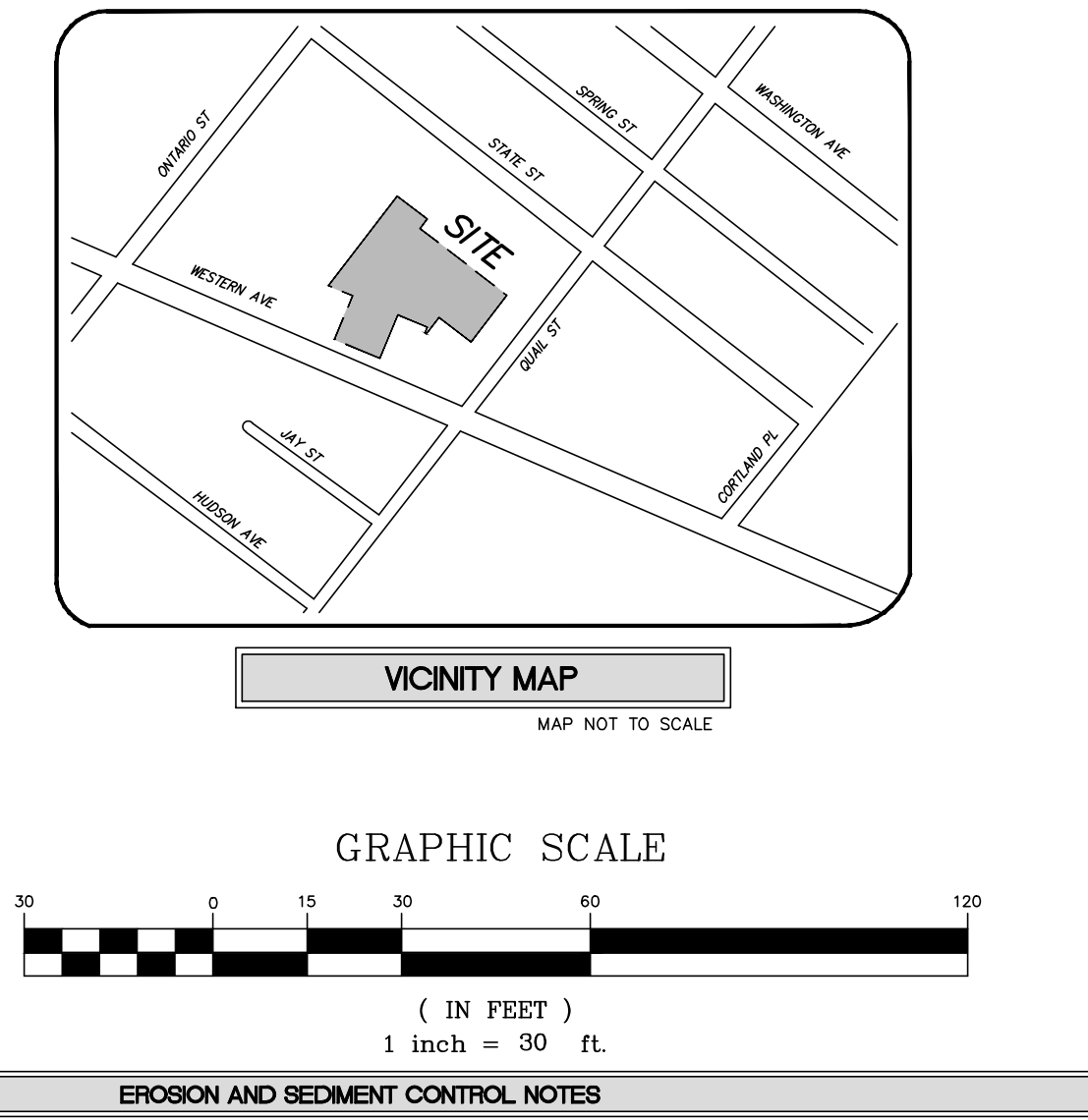


LEGEND

| | | | |
|--------|--------------------|---|--|
| 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 |
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| Ft. | FEET | — | FENCE LINE |
| Deg. | DEGREE | — | GUARD RAIL |
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| S | SOUTH | — | YARD DRAIN |
| E | EAST | — | WATER VALVE |
| W | WEST | — | HYDRANT |
| tel. | TELEPHONE | — | GAS VALVE |
| elec. | ELECTRIC | — | STREET LIGHT |
| L | LIBER | — | LIGHT POLE |
| P. | PAGE | — | CONCRETE |
| TREE | TREE | — | PAVEMENT |

ESC LEGEND

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



TEMPORARY EROSION AND SEDIMENT CONTROL NOTES

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

EROSION AND SEDIMENT CONTROL NOTES

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

STANDARD AND SPECIFICATIONS FOR TEMPORARY CONSTRUCTION AREA PLANTINGS, PAGE A-58.

WATER MANAGEMENT PRACTICES MUST BE INSTALLED AS APPROPRIATE FOR THE CONSTRUCTION AREA. 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 SCAMIFICATION OF THE SOIL SURFACE. MULCHING SHALL BE NECESSARY PRIOR TO SEEDING.

FERTILIZER OR LIME ARE NOT TYPICALLY USED FOR TEMPORARY SEEDINGS.

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. 80 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 WILD MULCH SPECIES.

MULCH ANCHORING GUIDE - TABLE 4.3, PAGE 4.41.

CONSTRUCTION SEQUENCING & SEDIMENTATION AND EROSION CONTROL DURING CONSTRUCTION

The construction sequence for this project is shown below. Approximate timing is indicated where applicable in red following steps.

Prior to commencement of any work this SWPPP

- Assure that copy of SWMR & SWPPP is on the site. ON COMMENCEMENT
- Establish Qualified Individual who will be performing site inspection. ON COMMENCEMENT
- Inspections must be performed by the qualified professional must be submitted to the MS4 Coordinator. From Commencement until PROJECT COMPLETE
- Establish Trained Contractor who will be on site. At least one Trained Contractor must be on site whenever ground disturbing activities are being undertaken. ON COMMENCEMENT
- Establish contact person for Contractor/Subcontractor. ON COMMENCEMENT
- IN CASE OF ANY SPILLS OF MATERIALS ON SITE, EXECUTE SPILL RESPONSE PLAN CONTAINED IN APPENDIX #7

Construction Sequence

- Install traffic controls as required. PRIOR TO THE START OF ANY CONSTRUCTION
- Install construction fencing as required. PRIOR TO THE START OF ANY CONSTRUCTION
- Install silt fence or other controls as indicated on the plan. PRIOR TO COMMENCEMENT OF ANY GRADING - FENCE TO REMAIN IN PLACE UNTIL ALL AREAS ARE STABILIZED.
- Commence work on site.
- Grade and prepare stabilized construction access. PRIOR TO COMMENCEMENT OF ANY GRADING - STABILIZED CONSTRUCTION ACCESS TO REMAIN IN PLACE UNTIL ALL AREAS ARE STABILIZED.
- Establish fueling area. Relocate when required. MAINTAIN A FUELING AREA FOR EQUIPMENT UNTIL NO LONGER REQUIRED.
- The existing pavement must be kept swept clean to avoid tracking materials onto any streets. CONTINUOUSLY FROM INCEPTION TO COMPLETION OF STABILIZATION OR UNTIL PROJECT IS COMPLETE.
- Maintain this area clean of debris and verify condition and safety of storage of materials listed below. Requires daily inspection. CONTINUOUSLY FROM INCEPTION UNTIL PROJECT IS COMPLETE.
- 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 UNTIL PROJECT IS COMPLETE.
 - Select Fill
 - Fencing Materials
 - Pipes
 - Pipe Solvents
 - Concrete Structures
 - Reinforcing Steel
 - Brick
 - Concrete Additives
 - Concrete Sealers
- MSDS sheets must be available on site for all materials used or imported to the site. CONTINUOUSLY FROM INCEPTION UNTIL PROJECT IS COMPLETE.
- Any chemical spills must be contained immediately on site and reported to NYSDEC. CONTINUOUSLY FROM INCEPTION TO FILING OF NOTICE UNTIL PROJECT IS COMPLETE.
- Oil and grease spills from equipment shall be treated immediately. CONTINUOUSLY FROM INCEPTION UNTIL PROJECT IS COMPLETE.
- Direct drainage to storage system. PRIOR TO REMOVAL OF TEMPORARY PERIMETER SWALE AND CHECK DAMS.
- Complete construction of Project.
- Obtain approval of Project completion from the Department of Water & Water Supply.

| 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-CROSS PATTERN ON SECURE TWINE AROUND EACH PEG WITH 2 OR MORE TIGHT TURNS. DRIVE PEGS FLUSH WITH SOIL DRIVING STAKES INTO GROUND TIGHTEN 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 DISC) 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. |

HOUSEKEEPING SECTION

During construction 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:

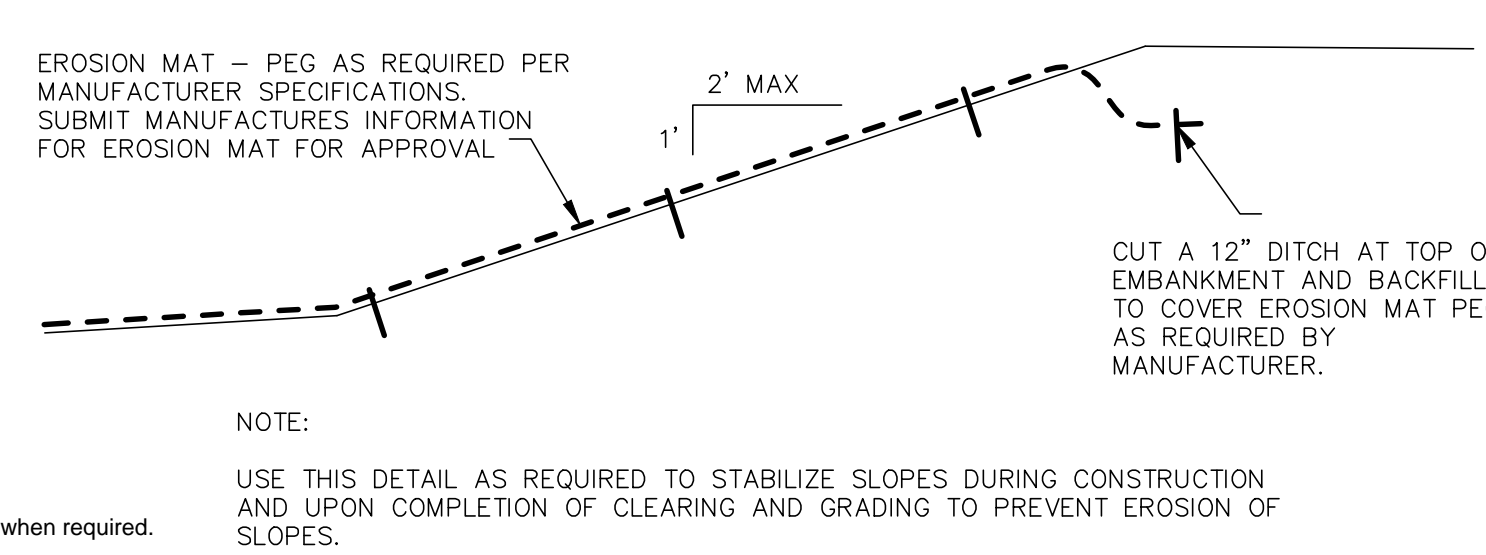
- Select Fill
- Fencing Materials
- Pipes
- Pipe Solvents
- Concrete Structures
- Reinforcing Steel
- Brick
- Concrete Additives
- Concrete Sealers

MSDS sheets must be available on site for all materials used or imported to the site.

Any chemical spills must be contained immediately on site and reported to NYSDEC.

IN CASE OF ANY SPILLS OF MATERIALS ON SITE, EXECUTE SPILL RESPONSE PLAN CONTAINED IN APPENDIX #9

Oil and grease spills from equipment shall be treated immediately. Vehicle fueling must take place in designated area. Relocate designated fueling area when required.



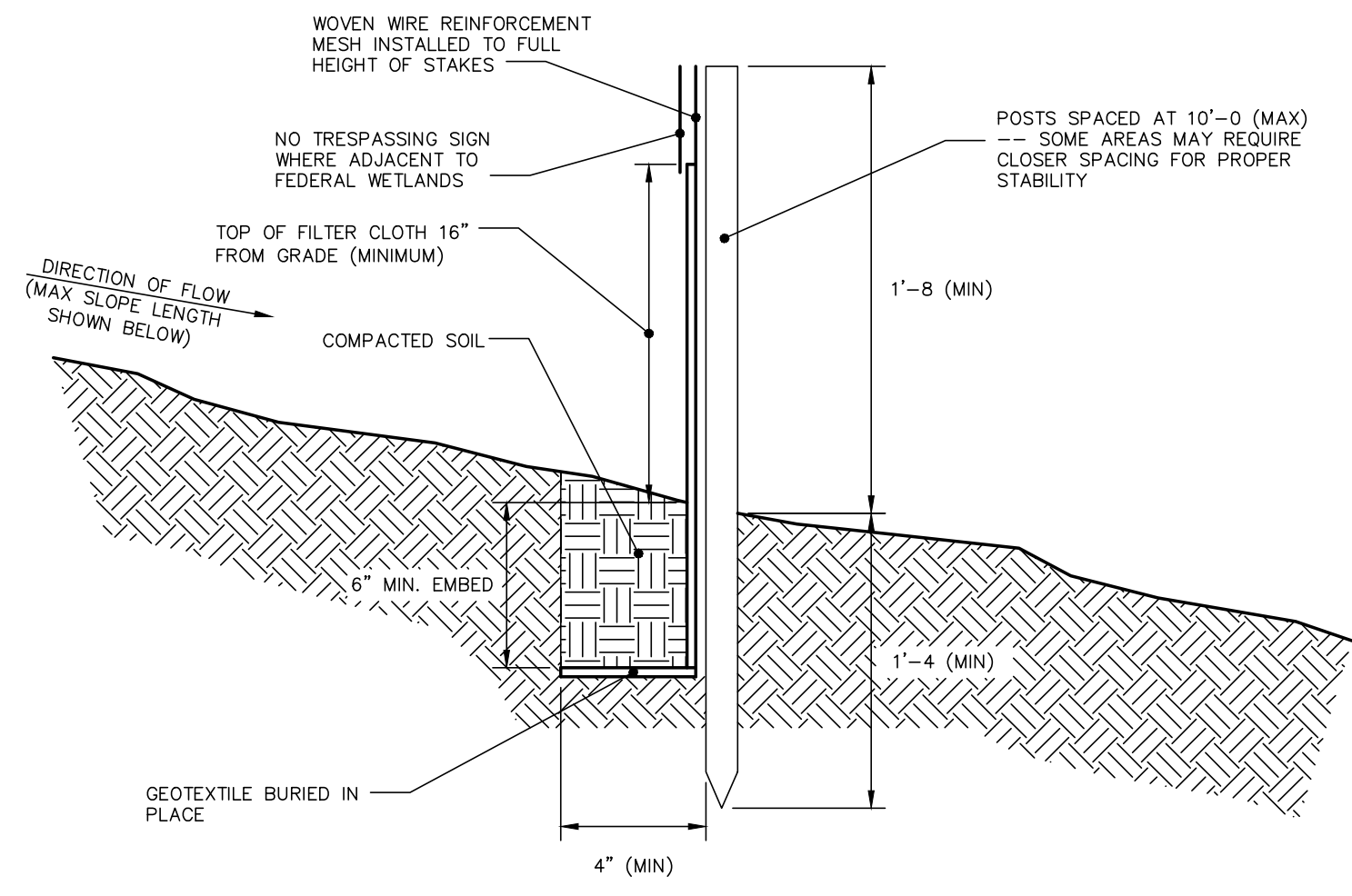
1 CB ANCHORED STABILIZATION MATTING
NOT TO SCALE

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 | REVISIONS |
|----------|-------------------|
| 9/10/19 | GENERAL REVISIONS |
| 8/27/21 | GENERAL REVISIONS |
| 10/21/21 | GENERAL REVISIONS |
| 10/20/21 | GENERAL REVISIONS |
| 11/20/21 | GENERAL REVISIONS |
| 2/2/22 | GENERAL REVISIONS |

EROSION AND SEDIMENT CONTROL PLAN
LOFTS AT PINE HILLS
237 WESTERN AVENUE
CITY OF ALBANY, NEW YORK STATE, ALBANY COUNTY
 SCALE: 1"=30'
 DATE: 2/26/19
 CHK: DRH
 BY: ND
 FILE: 86012



MAXIMUM ALLOWABLE SLOPE LENGTH

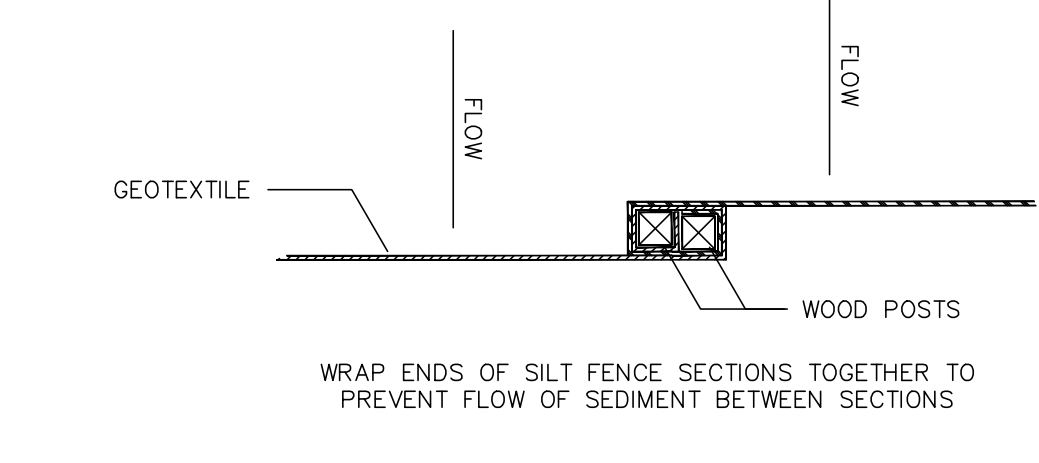
| SLOPE STEEPNESS: | MAX. SLOPE LENGTH: |
|------------------|--------------------|
| 1:2 | 25 FT |
| 1:3 | 50 FT |
| 1:4 | 75 FT |
| 1:5 OR FLATTER | 100 FT |

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 "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 1140N OR APPROVED EQUAL
 PREFABRICATED UNIT: GEOFAB ENVIRONMENT, OR APPROVED EQUAL



SILT FENCE JOINT DETAIL

1 C9 SILT FENCE DETAIL

NOT TO SCALE

- CONSTRUCTION SPECIFICATIONS:**
- AREA UNDER EMBANKMENT SHALL BE CLEARED, GRUBBED AND STRIPPED OF ANY VEGETATION AND ROOT MAT, THE POOL AREA SHALL BE CLEARED.
 - THE FILL MATERIAL FOR THE EMBANKMENT SHALL BE FREE OF ROOTS OR OTHER WOODY VEGETATION AS WELL AS OVER-SIZED STONES, ROCKS, ORGANIC MATERIAL, OR OTHER OBJECTIONABLE MATERIAL. THE EMBANKMENT SHALL BE COMPACTED BY TRAVERSING WITH EQUIPMENT WHILE IT IS BEING CONSTRUCTED.
 - VOLUME OF SEDIMENT STORAGE SHALL BE 3600 CUBIC FEET PER ACRE OF CONTRIBUTORY DRAINAGE.
 - SEDIMENT SHALL BE REMOVED AND TRAP RESTORED TO ITS ORIGINAL DIMENSIONS WHEN THE SEDIMENT HAS ACCUMULATED TO 1/2 THE DESIGN DEPTH OF THE TRAP. REMOVED SEDIMENT SHALL BE DEPOSITED IN A SUITABLE AREA AND STABILIZED.
 - THE STRUCTURE SHALL BE INSPECTED AFTER EACH RAIN AND REPAIRS MADE AS NEEDED.
 - CONSTRUCTION OPERATIONS SHALL BE CARRIED OUT IN SUCH A MANNER THAT EROSION AND SEDIMENT ARE CONTROLLED.
 - THE STRUCTURE SHALL BE REMOVED AND AREA STABILIZED WHEN THE DRAINAGE AREA HAS BEEN PROPERLY STABILIZED.
 - ALL FILL SLOPES SHALL BE 2:1 OR FLATTER; OUT SLOPES 1:1 OR FLATTER.
 - ALL PIPE CONNECTIONS SHALL BE WATERTIGHT.
 - THE TOP 2/3 OF THE RISER SHALL BE PERFORATED WITH ONE (1) INCH DIAMETER HOLES OR SLITS SPACED SIX (6) INCHES VERTICALLY AND HORIZONTALLY TO PREVENT FLOTATION OF PIPE. NO HOLES WILL BE ALLOWED WITHIN SIX (6) INCHES OF THE HORIZONTAL BARREL.
 - THE RISER SHALL BE WRAPPED WITH 1/4 TO 1/2 INCH HARDWARE CLOTH WIRE THEN WRAPPED WITH FILTER CLOTH (HAVING EQUIVALENT SIEVE SIZE OF 40-80). THE FILTER CLOTH SHALL EXTEND SIX (6) INCHES ABOVE THE HIGHEST HOLE AND SIX (6) INCHES BELOW THE LOWEST HOLE. WHERE ENDS OF THE FILTER CLOTH COME TOGETHER, THEY SHALL BE OVER-LAPPED, FOLDED AND STAPLED TO PREVENT BYPASS.
 - STRAPS OR CONNECTING BANDS SHALL BE USED TO HOLD THE FILTER CLOTH AND WIRE FABRIC IN PLACE. THEY SHALL BE PLACED AT THE TOP AND BOTTOM OF THE CLOTH.
 - FILL MATERIAL AROUND THE PIPE SPILLWAY SHALL BE HAND COMPACTED IN FOUR (4) INCH LAYERS. A MINIMUM OF TWO (2) FEET OF HAND COMPACTED BACKFILL SHALL BE PLACED OVER THE PIPE SPILLWAY BEFORE CROSSING IT WITH CONSTRUCTION EQUIPMENT.
 - THE RISER SHALL BE ANCHORED WITH EITHER A CONCRETE BASE OR STEEL PLATE TO PREVENT FLOTATION. FOR CONCRETE BASE THE DEPTH SHALL BE TWELVE (12) INCHES WITH THE RISER EMBEDDED NINE (9) INCHES. A 1/4 INCH MINIMUM THICKNESS STEEL PLATE SHALL BE ATTACHED TO THE RISER BY A CONTINUOUS WELD AROUND THE BOTTOM TO FORM A WATERTIGHT CONNECTION AND PLACE TWO (2) FEET OF STONE, GRAVEL, OR TAMPED EARTH ON THE PLATE.

2 C9 EXCAVATED DROP INLET PROTECTION

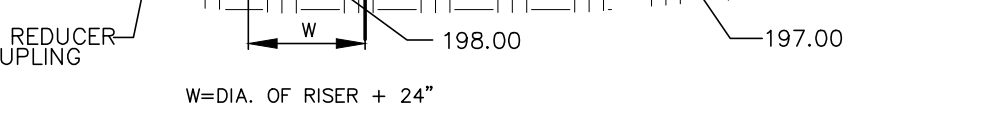
NOT TO SCALE

- 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 FROM 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 FERMENTING SEEDING.
- THE MAXIMUM DRAINAGE AREA SHALL BE 1 ACRE.

DESIGN CRITERIA:

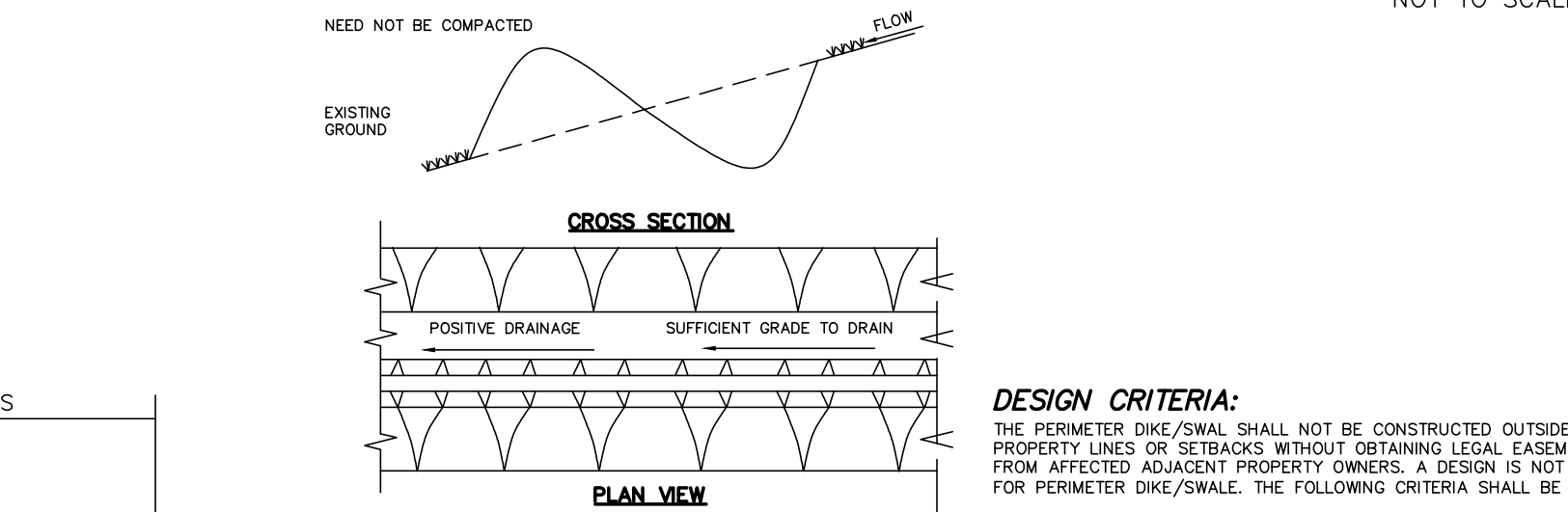
LIMIT THE DRAINAGE AREA TO THE INLET DEVICE TO ONE (1) ACRE. EXCAVATED SIDE SLOPES SHALL BE NO STEEPER THAN 2:1. THE MINIMUM DEPTH SHALL BE 1 FOOT AND THE MAXIMUM DEPTH 2 FEET AS MEASURED FROM THE CREST OF THE INLET STRUCTURE. SHAPE THE EXCAVATED BASIN TO FIT CONDITIONS WITH THE LONGEST DIMENSION ORIENTED TOWARD THE LONGEST INFLOW AREA TO PROVIDE MAXIMUM TRAP EFFICIENCY. THE CAPACITY OF THE EXCAVATED BASIN SHOULD BE ESTABLISHED TO CONTAIN 800 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.



3 C9 STONE AND BLOCK DROP INLET PROTECTION DETAIL

NOT TO SCALE



CONSTRUCTION SPECIFICATIONS:

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

DESIGN CRITERIA:

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

DRAINAGE AREA - LESS THAN 2 ACRES (FOR DRAINAGE AREAS LARGER THAN 2 ACRES BUT NOT MORE THAN 10 ACRES, SEE EARTH DIKE OR CONSTRUCTION DITCH FOR DRAINAGE AREAS LARGER THAN 10 ACRES, SEE STANDARD AND SPECIFICATIONS FOR DIVERSION).

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

BOTTOM WIDTH OF DIKE - 2 FEET MINIMUM.

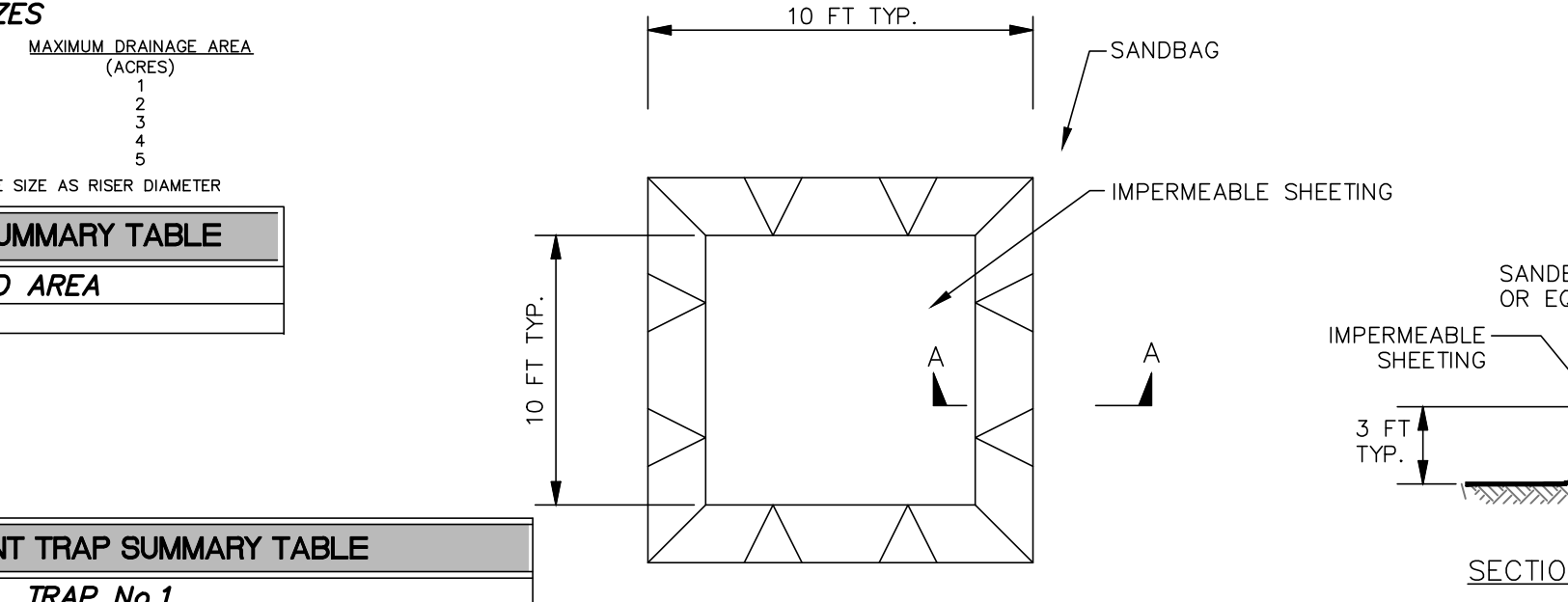
WIDTH OF SWALE - 2 FEET MINIMUM.

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

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

5 C9 TEMPORARY PERIMETER DIKE OR SWALE DETAIL

NOT TO SCALE



CONSTRUCTION SPECIFICATIONS:

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

MINIMUM SIZES

| BARREL DIAMETER (INCHES) | RISER DIAMETER (INCHES) | MAXIMUM DRAINAGE AREA (ACRES) |
|--------------------------|-------------------------|-------------------------------|
| 12 | 15 | 1.2 |
| 15 | 18 | 1.62 |
| 18 | 21 | 2.16 |
| 21 | 24 | 2.88 |
| 24 | 27 | 3.6 |

* BARREL DIAMETER MAY BE SAME SIZE AS RISER DIAMETER

CONSTRUCTION SEQUENCE SUMMARY TABLE

| CS# | DISTURBED AREA |
|-----|----------------|
| CS1 | 1.62 |

TEMPORARY SEDIMENT TRAP SUMMARY TABLE

| DESCRIPTION | TRAP No.1 |
|------------------------|--------------|
| TYPE | 1 |
| DRAINAGE AREA | 1.62 ACRES |
| STORAGE REQ'D | 215 C.Y. |
| STORAGE PROVIDED* | 249 C.Y. |
| PIPE OUTLET | 12" |
| DEPTH BELOW OUTLET | 12" |
| EMBANKMENT HGT. | 4.5' |
| 50% CLEANOUT ELEVATION | 199.25 |
| INVERT OUT ELEVATION | 198.00 |
| LENGTH X WIDTH X Ht* | 55'X35'X3.5' |

*STORAGE CAPACITY FROM THE TOP ELEVATION OF THE RISER PIPE OUTLET TO THE TRAP BOTTOM

EMPAKMENTMENT - ALL EARTH EMBANKMENTS FOR SEDIMENT TRAPS SHALL NOT EXCEED FIVE (5) FEET IN HEIGHT AS MEASURED AT THE LOW POINT OF THE ORIGINAL GROUND ALONG THE CENTERLINE OF THE EMBANKMENT. EMBANKMENTS SHALL HAVE A MINIMUM FOUR (4) FOOT WIDE TOP AND SIDE SLOPES OF 2:1 OR FLATTER. THE EMBANKMENT SHALL BE COMPACTED BY TRAVERSING WITH EQUIPMENT WHILE IT IS BEING CONSTRUCTED. THE EMBANKMENT SHALL BE STABILIZED WITH SEED AND MULCH AS SOON AS IT IS COMPLETED.

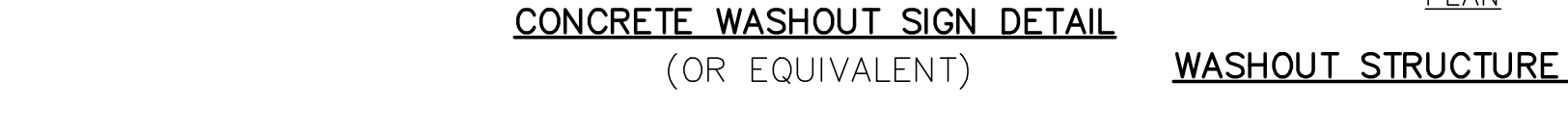
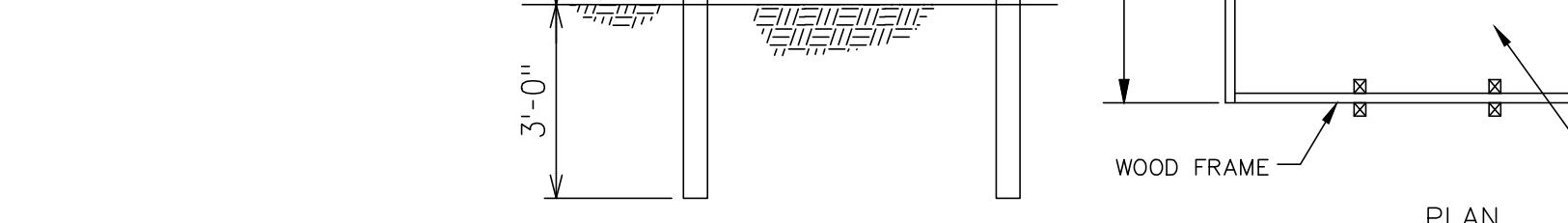
THE ELEVATION OF THE TOP OF ANY DIKE DIRECTING WATER TO ANY SEDIMENT TRAP WILL BE EQUAL TO OR EXCEED THE MAXIMUM HEIGHT OF THE OUTLET STRUCTURE ALONG THE ENTIRE LENGTH OF THE TRAP.

EXCAVATION - ALL EXCAVATION OPERATIONS SHALL BE CARRIED OUT IN SUCH A MANNER THAT EROSION AND WATER POLLUTION SHALL BE MINIMAL. EXCAVATED PORTIONS OF SEDIMENT TRAPS SHALL HAVE 1:1 OR FLATTER SLOPES.

OUTLET - THE OUTLET SHALL BE DESIGNED, CONSTRUCTED, AND MAINTAINED IN A MANNER THAT STABILIZES THE TRAP AND THAT EROSION AT OR BELOW THE OUTLET DOES NOT OCCUR.

SEDIMENT TRAPS MUST OUTLET ONTO STABILIZED (PREFERABLE UNDISTURBED) GROUND, INTO A WATERCOURSE, STABILIZED CHANNEL, OR INTO A STORM DRAIN SYSTEM. THE DRAINAGE AREA OF THE TRAP AND THAT EROSION AT OR BELOW THE OUTLET DOES NOT OCCUR.

CONCRETE WASHOUT SIGN DETAIL (OR EQUIVALENT)



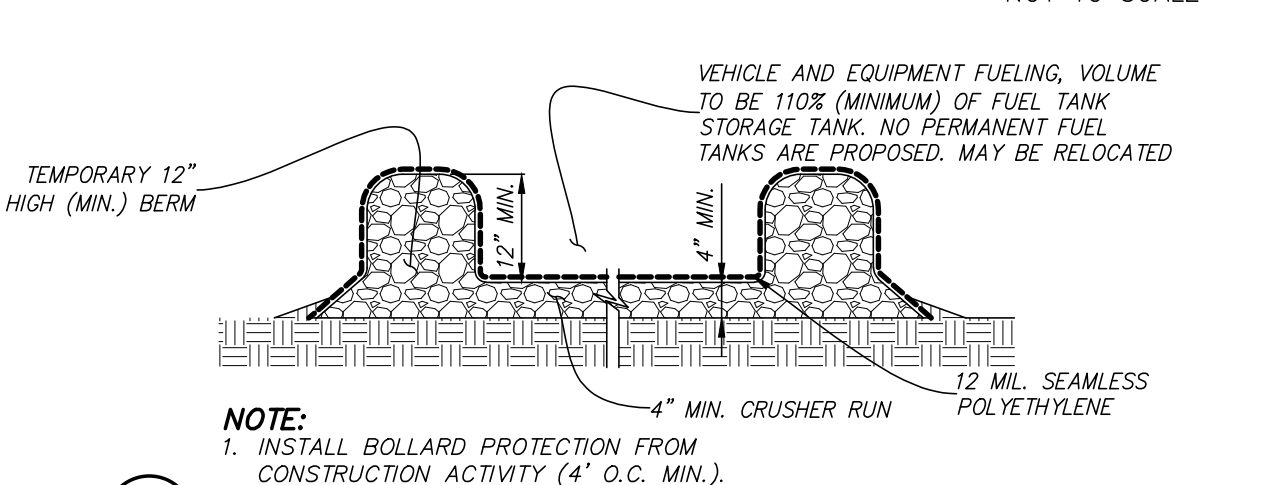
WASHOUT STRUCTURE WITH WOOD PLANKS

8 C9 ONSITE CONCRETE TRUCK WASHOUT STRUCTURE DETAIL

NOT TO SCALE

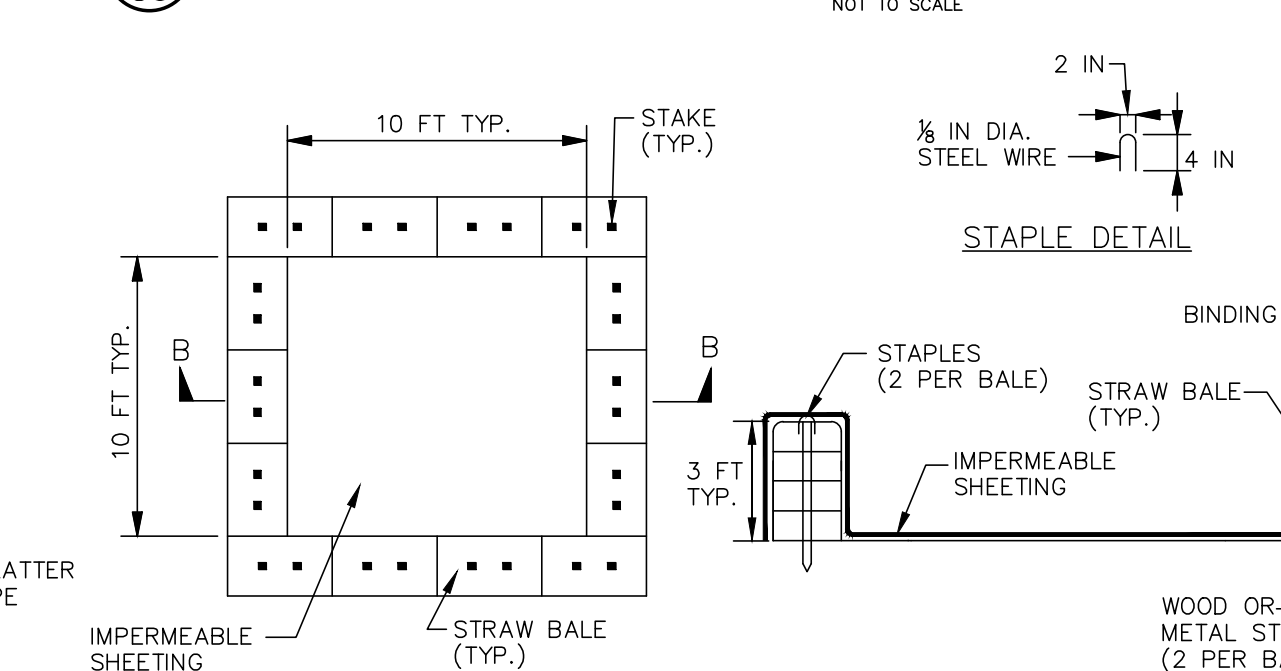
4 C9 STABILIZED CONSTRUCTION ACCESS DETAIL

NOT TO SCALE



6 C9 VEHICLE AND EQUIPMENT FUELING DETAIL

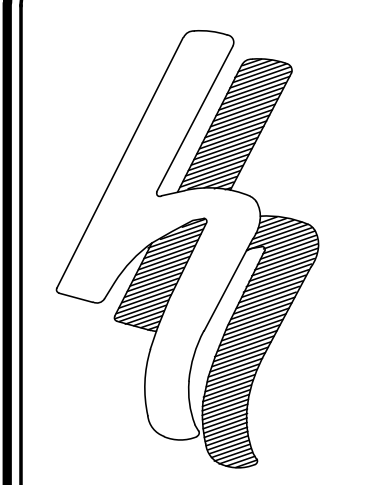
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WASHOUT STRUCTURE WITH STRAW BALES

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. NET-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.



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 Consulting Engineers
 and Land Surveyors

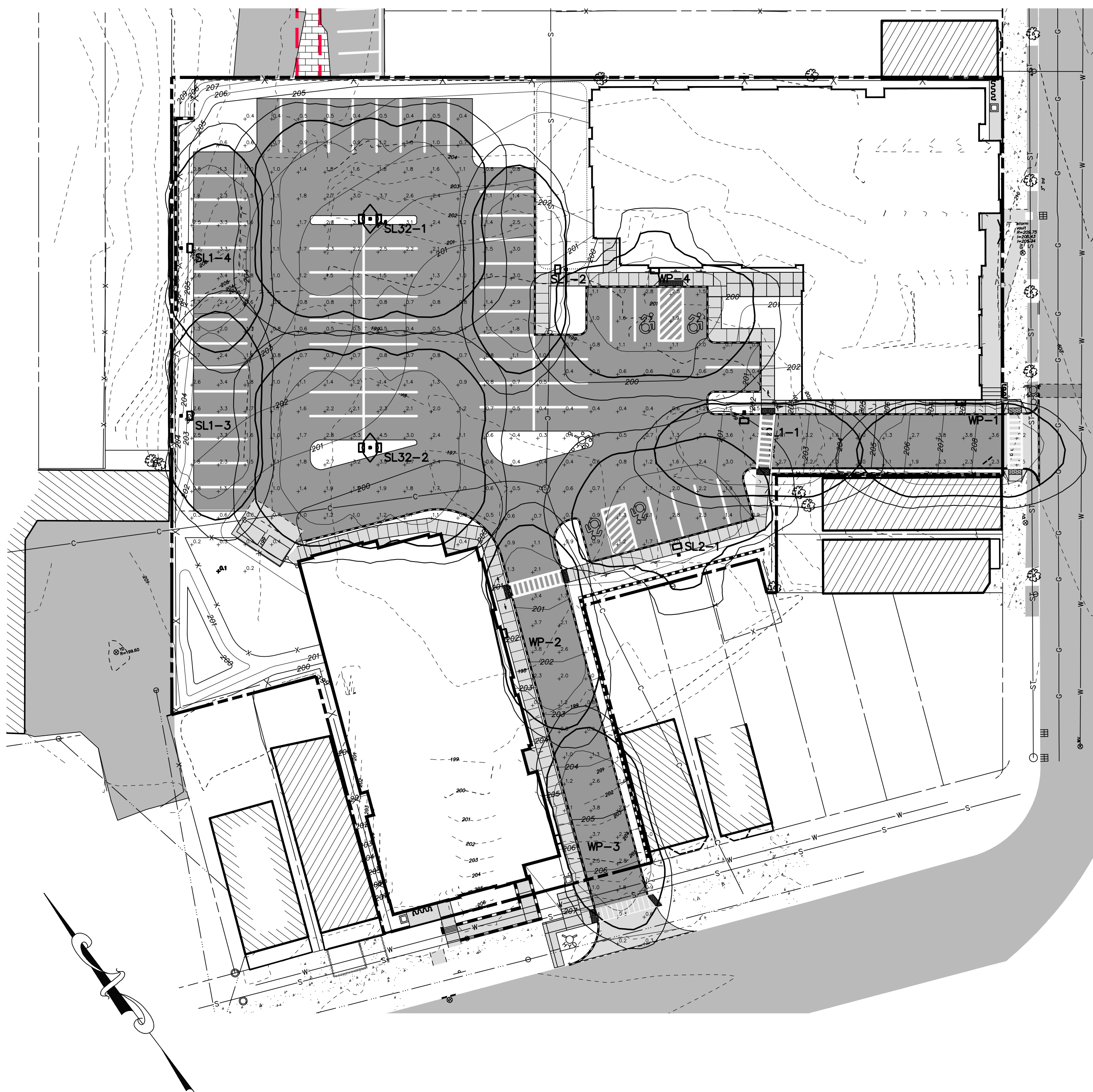
18 Locust Street
 Albany, New York 12203

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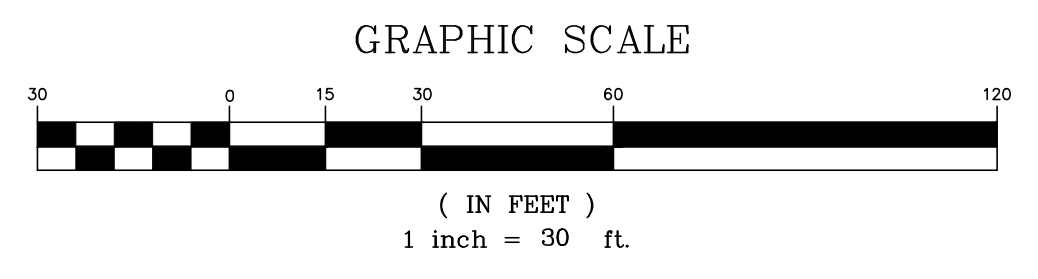


| DATE | REVISIONS |
|----------|---------------------|
| 9/5/19 | STORM SEWER REVISED |
| 9/10/19 | GENERAL LAYOUT |
| 8/27/21 | BUILDING LAYOUT REV |
| 10/21/21 | COMMENT REVISIONS |
| 10/20/21 | COMMENT REVISIONS |
| 11/10/21 | COMMENT REVISIONS |

EROSION AND SEDIMENT CONTROL DETAILS
LOFTS AT PINE HILLS
237 WESTERN AVENUE
CITY OF ALBANY, NEW YORK STATE, ALBANY COUNTY



| LEGEND | | |
|--------|-------------------------|--|
| R.O.W. | RIGHT OF WAY | □ MONUMENT |
| No. | NUMBER | ○ IRON ROD |
| enc. | ENCROACHMENT | MI ○ MANHOLE |
| P.O.B. | POINT OF BEGINNING | ⊕ OR ⊗ CATCHBASIN |
| S.F. | SQUARE FEET | — SIGN |
| N/F | NOW OR FORMERLY | • BOLLARD |
| Fl. | FEET | — X — FENCE LINE |
| Dep. | DEGREE | — GUARD RAIL |
| R | RECORD | — OVERHEAD WIRE, UTILITY POLE & GUY WIRE |
| M | MEASURED | ↔ TRAFFIC FLOW ACCESS AREA |
| N | NORTH | ⊕ WATER SHUT OFF |
| S | SOUTH | ⊗ YARD DRAIN |
| E | EAST | ⊕ W WATER VALVE |
| W | WEST | ⊕ H HYDRANT |
| tel. | TELEPHONE | ⊕ G GAS VALVE |
| elec. | ELECTRIC | ⊕ S STREET LIGHT |
| L | LIBER | ⊕ LIGHT POLE |
| P. | PAGE | ■ CONCRETE |
| ⊕ | TREE | ■ PAVEMENT |
| ■ | PROPOSED CONCRETE | |
| ■ | PROPOSED PAVEMENT | |
| — | PROPOSED WATER MAIN | |
| — | PROPOSED SANITARY SEWER | |
| — | PROPOSED STORM SEWER | |
| — | PROPOSED CONTOURS | |
| ⊕ | PROPOSED CATCH BASIN | |
| — | PROPOSED RETAINING WALL | |
| — | PROPOSED CONCRETE CURB | |



| Symbol | Label | Quantity | Manufacturer | Catalog Number | Description | Light Loss Factor | Wattage |
|--------|-------|----------|-------------------|---|---------------------------|-------------------|---------|
| □ | SL1 | 7 | Lithonia Lighting | FIXTURE: DSKO LED P2 40K BLC MVOLT SPA DDBXD POLE: SSS 13 4C DM19AS DDBXD | DSKO LED P2 40K BLC MVOLT | 0.9 | 49 |
| □ | SL2 | 2 | Lithonia Lighting | FIXTURE: DSKO LED P2 40K T4M MVOLT SPA DDBXD POLE: SSS 13 4C DM19AS DDBXD | DSKO LED P2 40K T4M MVOLT | 0.9 | 49 |
| □ | SL32 | 2 | Lithonia Lighting | FIXTURE: DSKO LED P2 40K TFM MVOLT SPA DDBXD POLE: SSS 13 4C DM28AS DDBXD | DSKO LED P2 40K TFM MVOLT | 0.9 | 98 |

Note
1. FIXTURE TYPE SL1, SL2 AND SL32 ARE SHOWN POLE MOUNTED AT 15' ABOVE FINISHED GRADE (13' POLE AND A 2' ABOVE GRADE BASE).



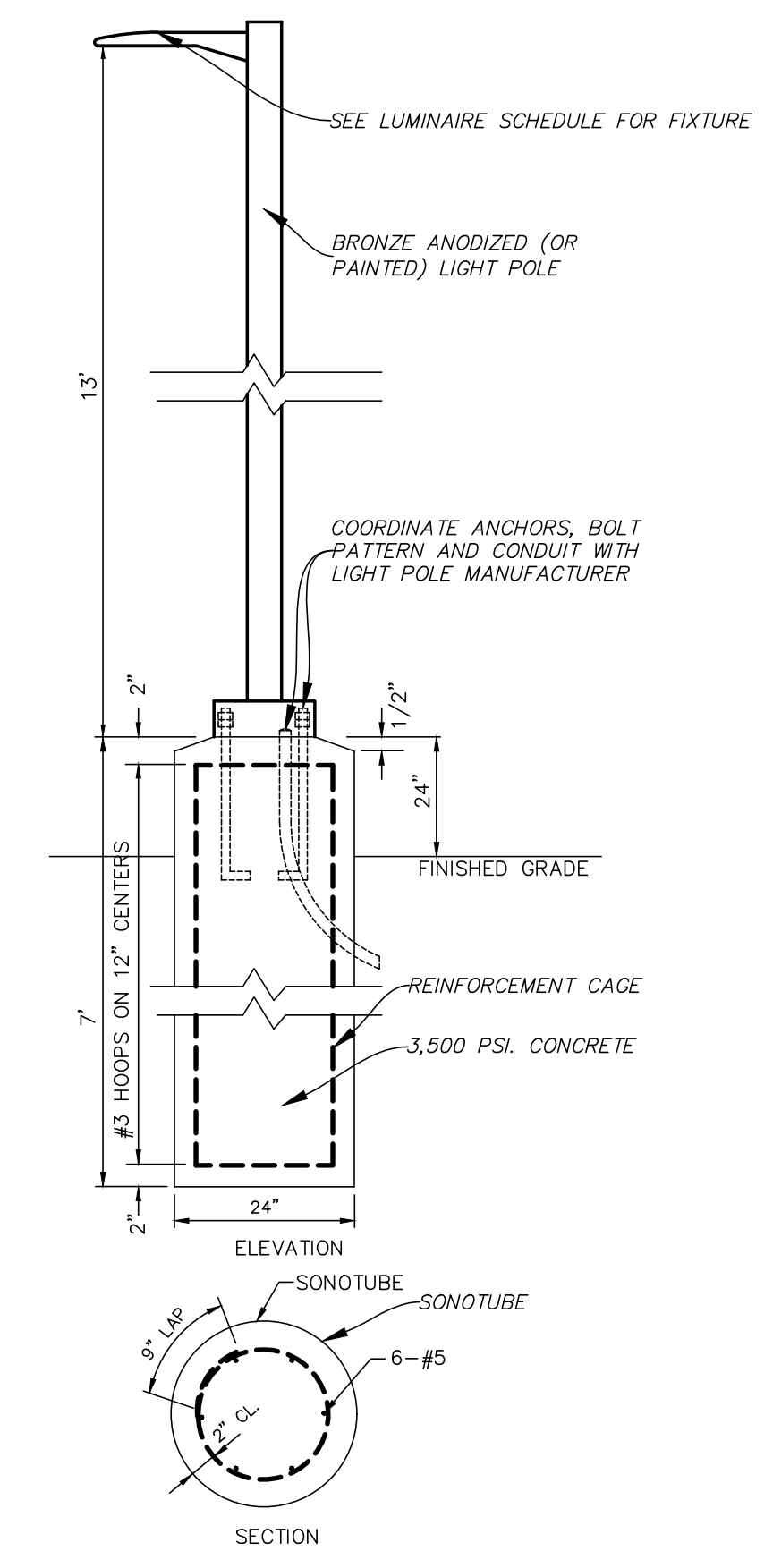
Specifications
 EPA: 0.95 ft² (0.09 m²)
 Length: 26" (660 mm)
 Width: 13" (330 mm)
 Height: 3" (76 mm)
 Height: 7" (178 mm)
 Weight: 16 lbs (7.3 kg)

Introduction
 The modern styling of the D-Series is striking yet unobtrusive - making a bold, progressive statement even as it blends seamlessly with its environment. The D-Series distills the benefits of the latest in LED technology into a high performance, high efficacy, long-life luminaire. The outstanding photometric performance results in sites with excellent uniformity, greater pole spacing and lower power density. It is ideal for replacing up to 400W metal halide with typical energy savings of 70% and expected service life of over 100,000 hours.

Ordering Information EXAMPLE: DSKO LED P6 40K T3M MVOLT SPA NLTAR2 PIRHN DDBXD

| Series | LEDs | Color Temperature | Distribution | Voltage | Mounting |
|----------------|------|-------------------|---------------------------|--------------------------------|---|
| DSKO LED | P1 | 30K 3000K | T15 Type I short | MVOLT (120V-277V) ¹ | Shipped included SPA Square pole mounting RPA Round pole mounting ¹ WBA Wall bracket ¹ SPUMBA Square pole universal mounting adapter ¹ RPUMBA Round pole universal mounting adapter ¹ Shipped separately KMAA DDBXD II Mast arm mounting bracket adapter (specify finish) ¹ |
| | P2 | 40K 4000K | T25 Type II short | MVOLT (277V-480V) ¹ | |
| | P3 | 50K 5000K | T2M Type II medium | 120V | |
| | P4 | | T3S Type III short | 208V | |
| Rotated optics | P1* | | T3M Type III medium | 240V | |
| | P2* | | T4M Type IV medium | 277V | |
| | P3* | | T3TM Forward throw medium | 347V | |
| | P4* | | TSVS Type V very short | 480V | |

| Control options | Other options | Finish |
|--|---|--|
| Shipped installed NEMAR2 single 0-10V dimmer 2 enabled ^{1,2,3} PIRHN Network, high-flow medium/ambient sensor ⁴ PER NEMA twist-lock receptacle only (control ordered separately) ⁴ PER5 Five-pin receptacle only (control ordered separately) ^{4,5} PER7 Seven-pin receptacle only (leads exit fixture) (control ordered separately) ^{4,5} DMS 0-10V dimming system out back of housing for external control (control ordered separately) ⁴ | PIR High-flow, medium/ambient sensor, 0-10V mounting height, ambient sensor enabled at 16" ^{6,7} PIRH High-flow, medium/ambient sensor, 15-30V mounting height, ambient sensor enabled at 16" ^{6,7} PIRHFCV High-flow, medium/ambient sensor, 0-10V mounting height, ambient sensor enabled at 16" ^{6,7} PIRHFCV High-flow, medium/ambient sensor, 15-30V mounting height, ambient sensor enabled at 16" ^{6,7} FAO Field adjustable output ⁸ | Shipped installed BS Bronze side shield ⁹ SF Single face (130, 277, 347V) ⁹ DF Double face (130, 240, 480V) ⁹ L90 Left rotated optics ¹ R90 Right rotated optics ¹ D90 Diffused drop lens ¹⁰ B4 50°C ambient operations ¹ BAA Buy America (2) A11 Compliant Shipped separately BS Bronze ⁹ BS Black ⁹ EGS External glare shield |

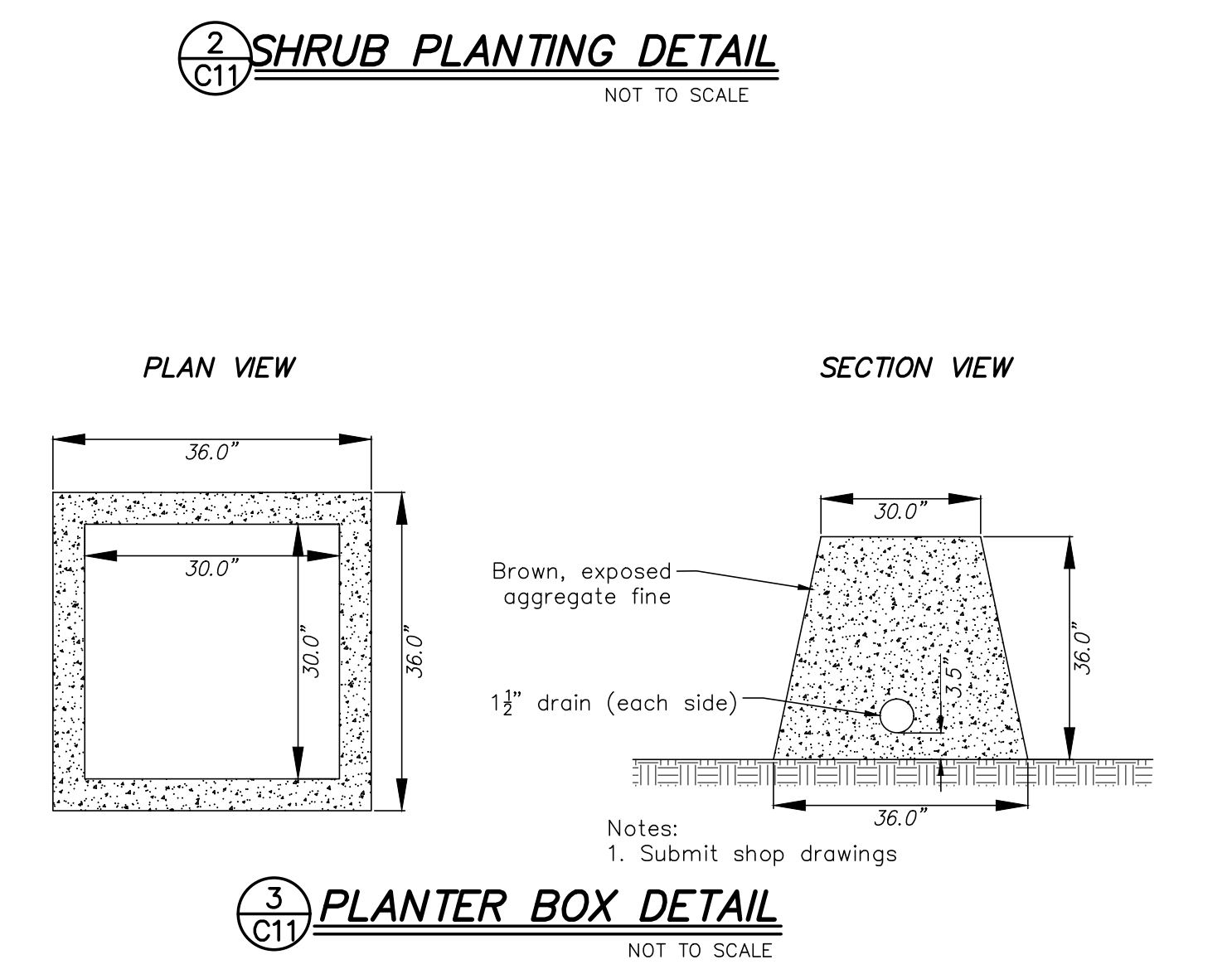
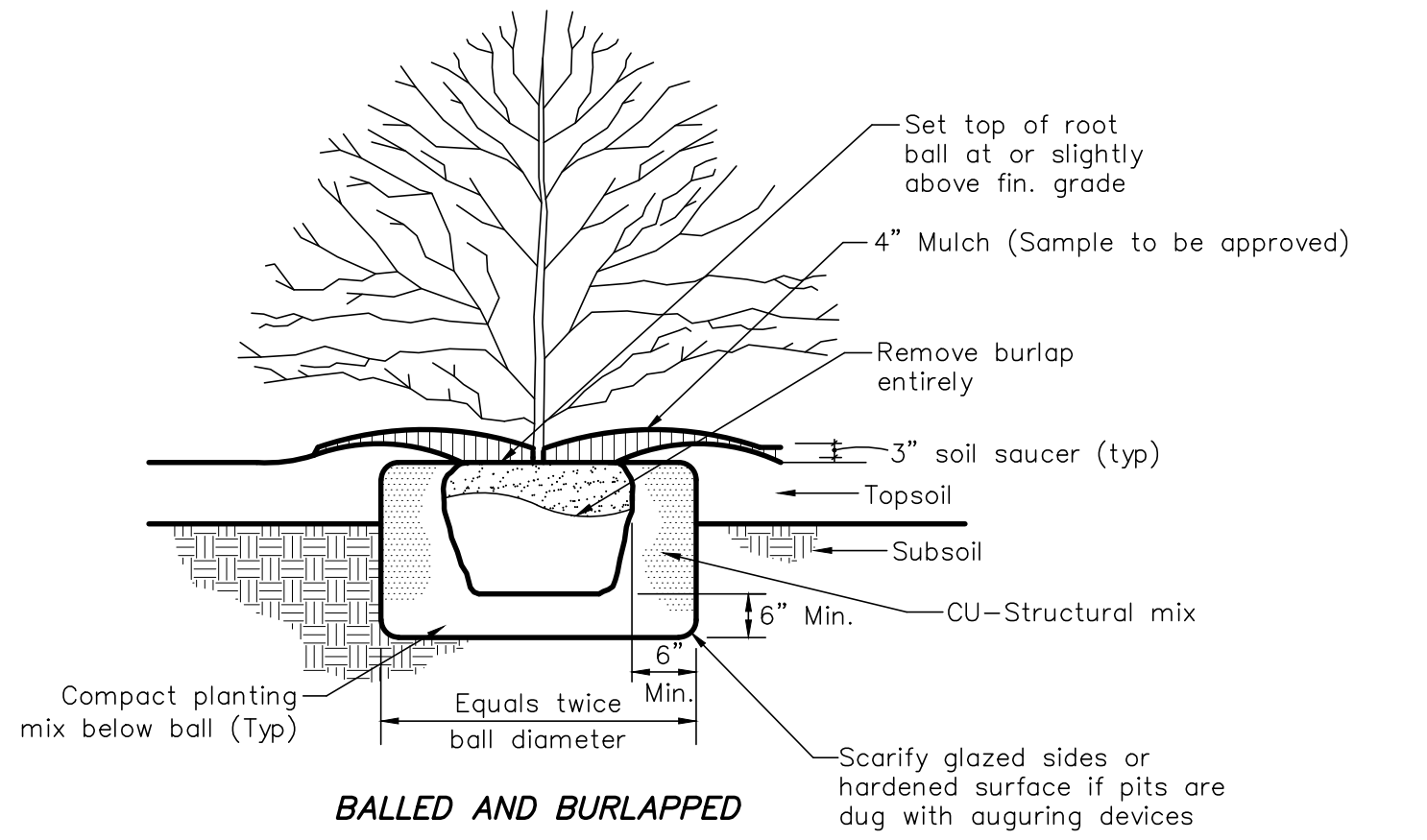
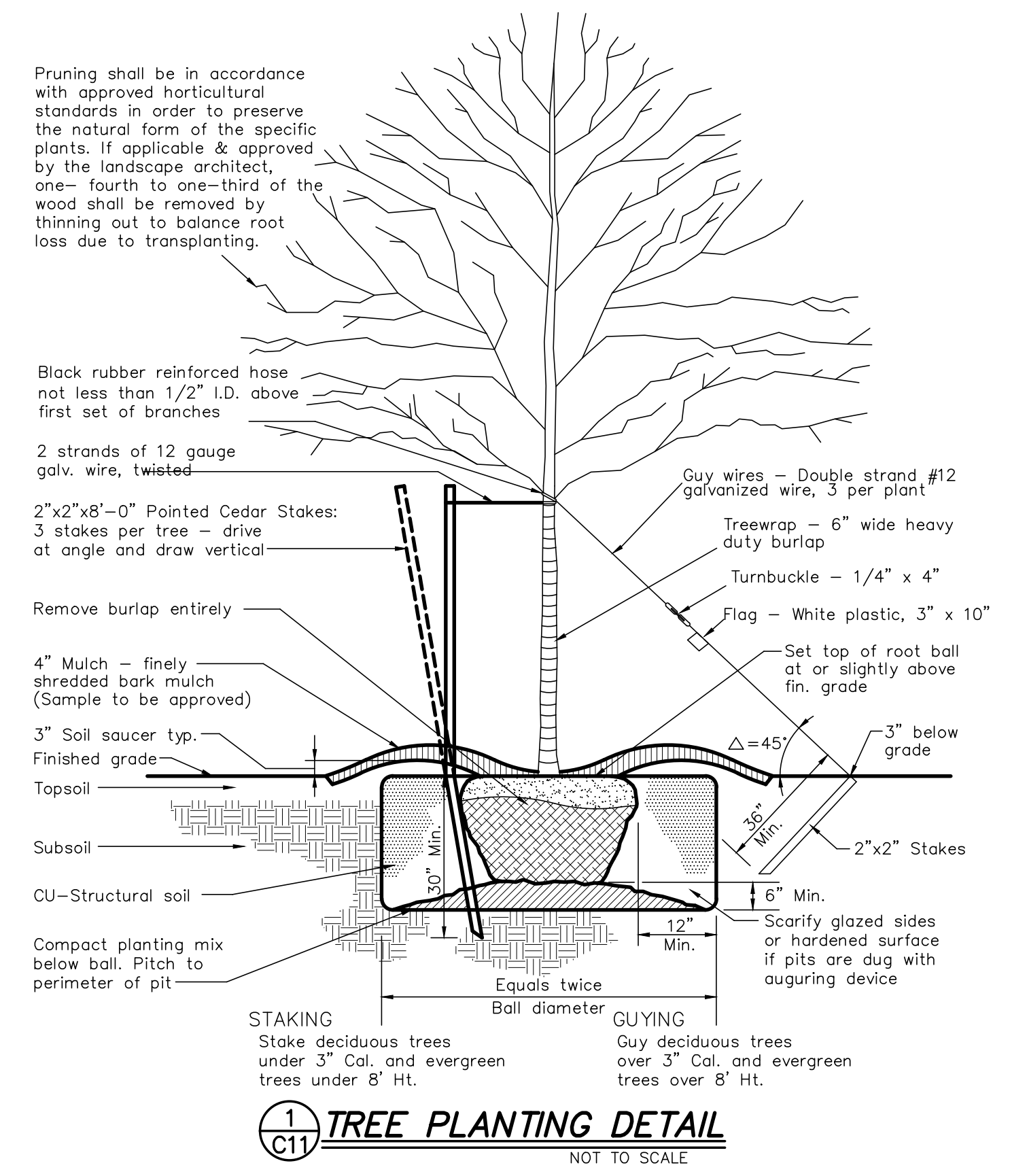
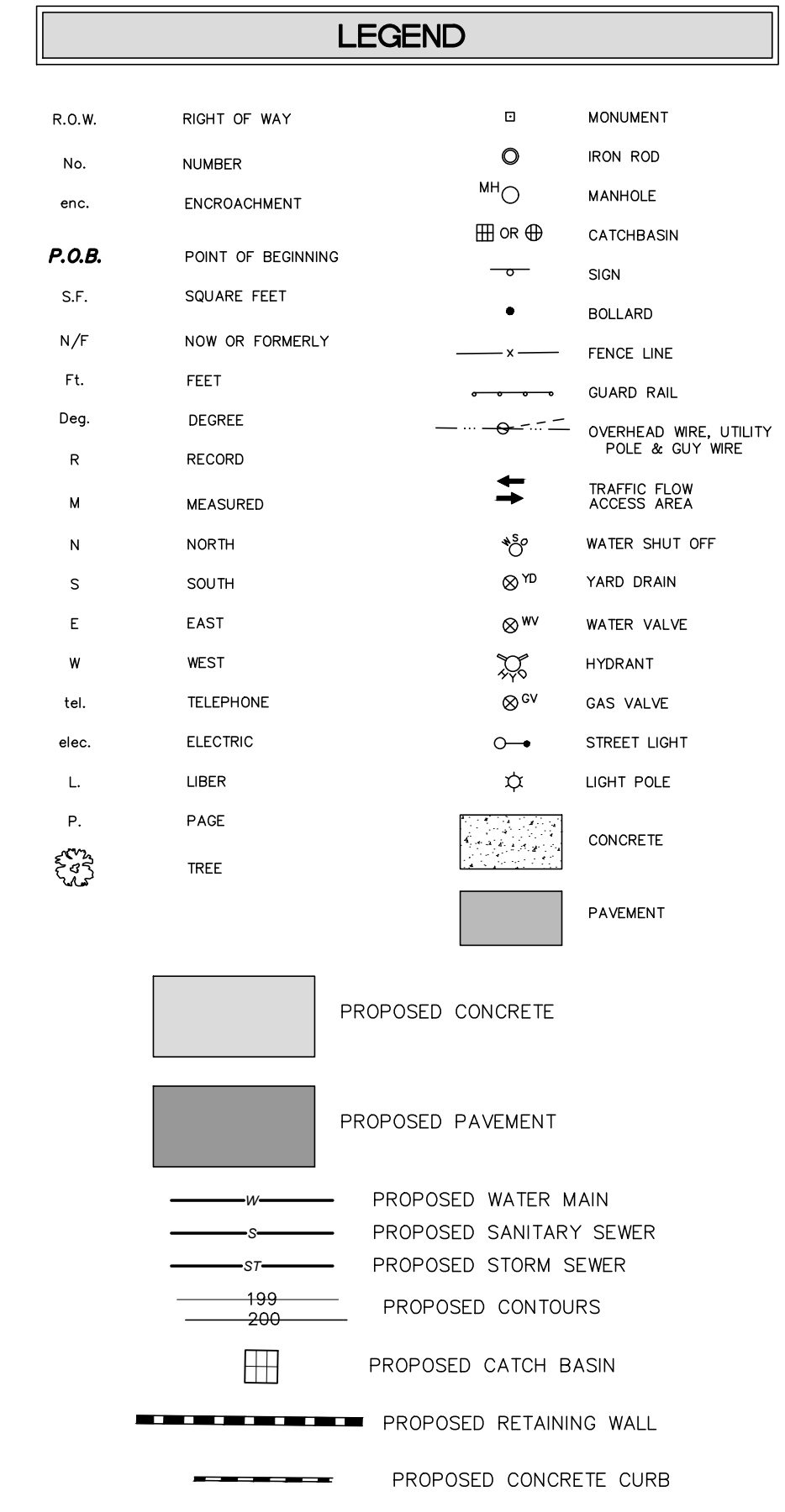
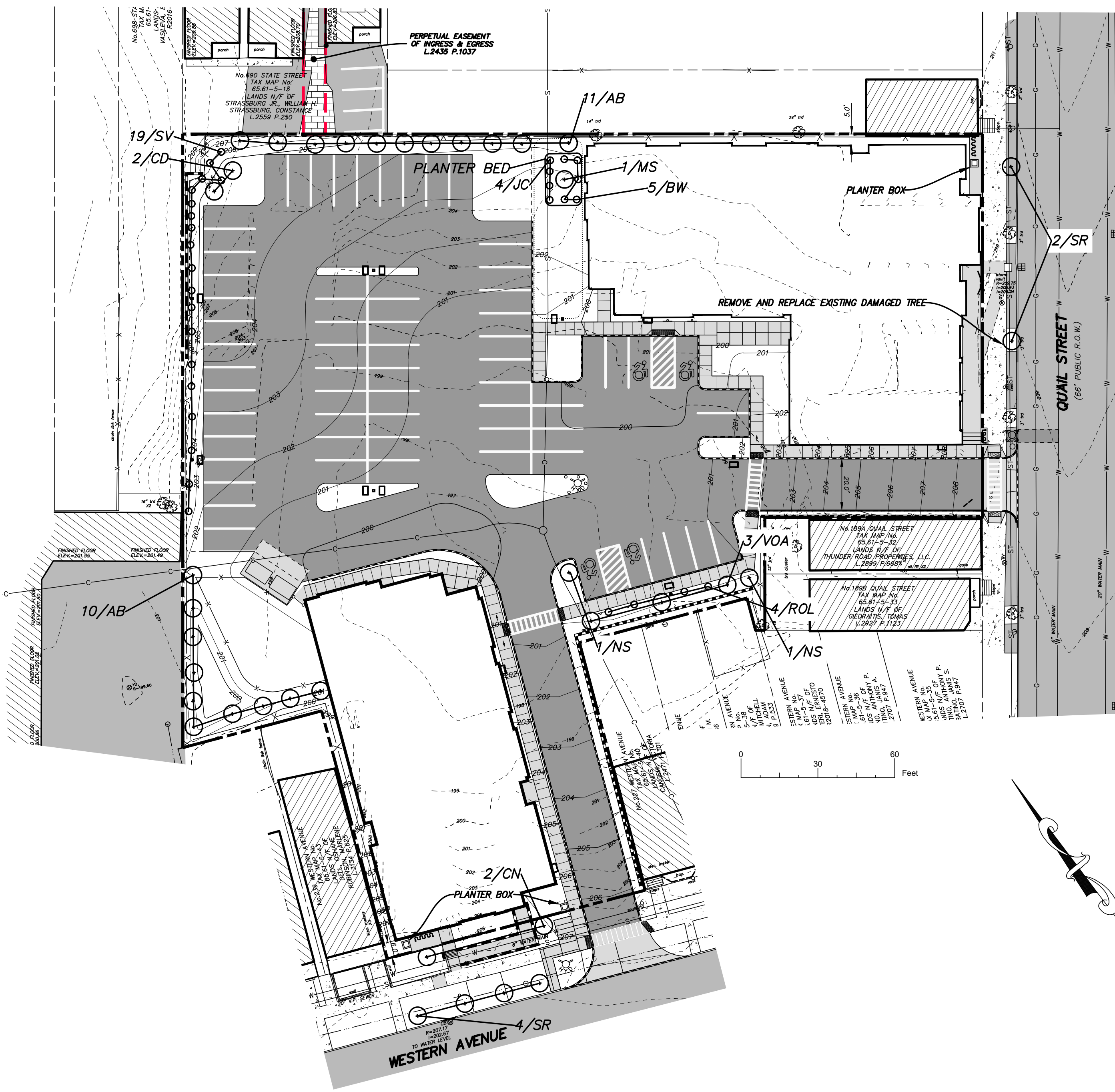


LIGHT POLE DETAIL
NOT TO SCALE

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



| DATE | REVISIONS |
|----------|---------------------|
| 9/10/19 | STORM SEWER REVISED |
| 8/22/20 | GENERAL REVISIONS |
| 10/11/21 | BUILDING LAYOUT REV |
| 10/20/21 | COMMENT REVISIONS |
| 11/20/21 | COMMENT REVISIONS |
| 2/2/22 | GENERAL REVISIONS |



| PLANT MATERIAL SCHEDULE (SITE) | | | | | |
|--------------------------------|------------------------------------|---------------------------------|----------------|-----|-----------------|
| SYM | BOTANICAL NAME | COMMON NAME | SIZE | AMT | COMMENTS |
| TREES | | | | | |
| AB | ABIES CONCOLOR | WHITE FIR | 5'-6" HT. | 21 | B & B |
| CD | CERIS CANADIENSIS | EASTERN REDBUD | 2"-2 1/2" CAL. | 2 | B & B |
| CN | CELTIIS OCCIDENTALIS | NORTHERN HACKBERRY | 2 1/2"-3" CAL. | 2 | B & B, NYNS |
| NS | NYSSA SYLVATICA | BLACK GUM | 2 1/2"-3" CAL. | 2 | B & B, NYNS |
| MS | MAGNOLIA STYLETTA | STAR MAGNOLIA | 5'-6" HT. | 1 | B & B |
| SR | SYRINGA RETICULATA | JAPANESE TREE LILAC | 2"-2 1/2" CAL. | 4 | B & B |
| SHRUBS | | | | | |
| BW | BUXUS x 'WINTER GEM' | WINTER GEM BOXWOOD | 18" HT. | 5 | CONTAINER GROWN |
| JC | JUNIPERUS CHINENSIS 'PFEITZERIANA' | GOLD TIP PRITZER | 3'-4" HT. | 4 | B & B |
| RB | RHODODENDRON 'BOULLE DE NEIGE' | BOULLE DE NEIGE RHODODENDRON | 24"-30" HT. | 2 | B & B |
| ROL | RHODODENDRON 'ORCHID LIGHTS' | ORCHID LIGHTS AZALEA | 24"-30" HT. | 4 | B & B, NYNS |
| SV | SYRINGA VULGARIS | COMMON LILAC | 4" HT. | 19 | B & B |
| VOA | VIBURNUM OPULUS VAR. AMERICANUM | AMERICAN CRANBERRYBUSH VIBURNUM | 3'-4" HT. | 3 | B & B, NYNS |

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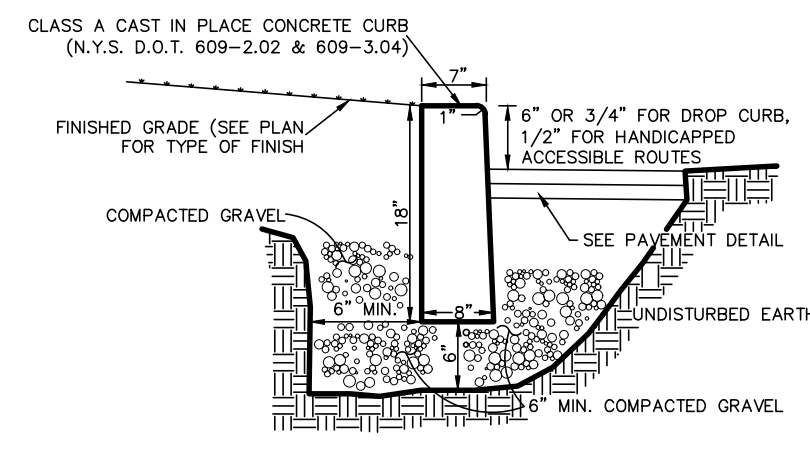
ALTERATION OF THIS DOCUMENT EXCEPT BY A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR, IS ILLEGAL.

| REVISIONS | DATE | REMARKS |
|---------------------|----------|---------|
| GENERAL REVISIONS | 8/22/21 | |
| BUILDING LAYOUT REV | 10/12/21 | |
| COMMENT REVISIONS | 10/20/21 | |
| COMMENT REVISIONS | 11/20/21 | |
| GENERAL REVISIONS | 2/2/22 | |
| GENERAL REVISIONS | 2/19/22 | |

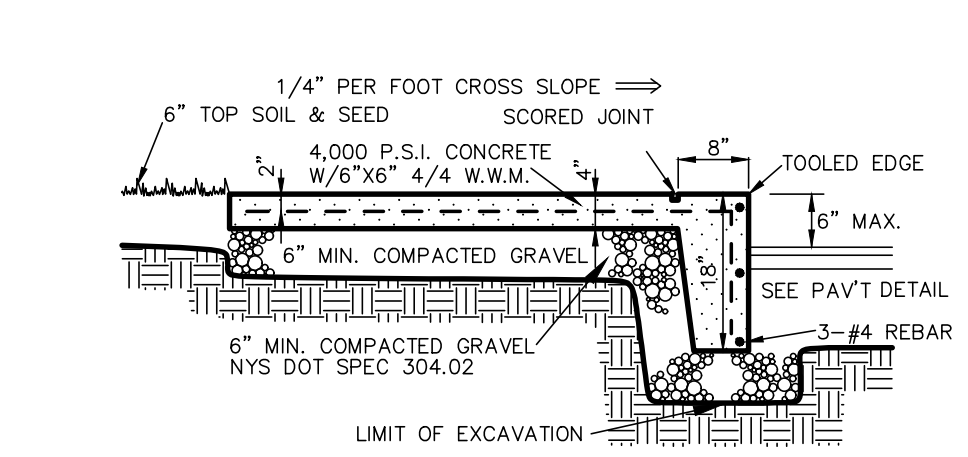
LANDSCAPING PLAN
LOFTS AT PINE HILLS
237 WESTERN AVENUE
CITY OF ALBANY, NEW YORK STATE, ALBANY COUNTY

FILE: 180312 SCALE: AS NOTED BY: ND CHECK: DRH DATE: 2/26/19 180312-1.DWG

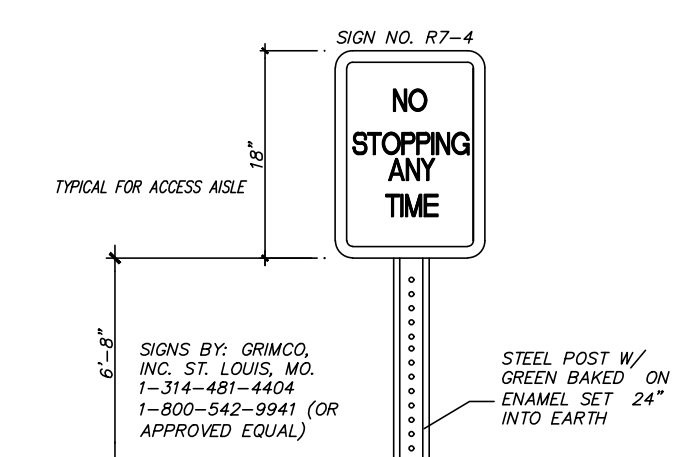
C11 OF 15



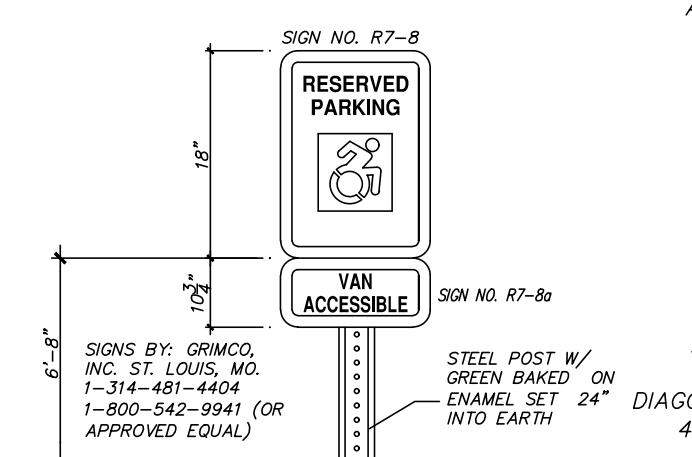
1 C12 CONCRETE CURB (CAST IN PLACE) DETAIL
NOT TO SCALE



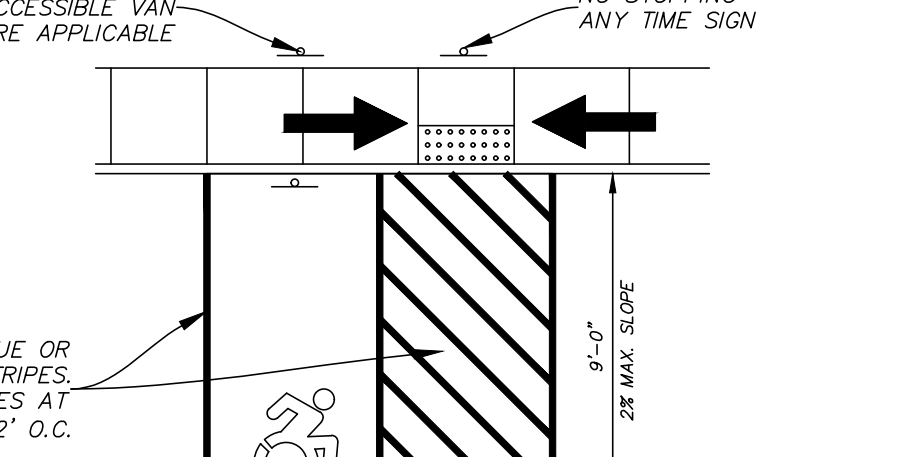
2 C12 INTEGRAL WALK & CURB DETAIL
NOT TO SCALE



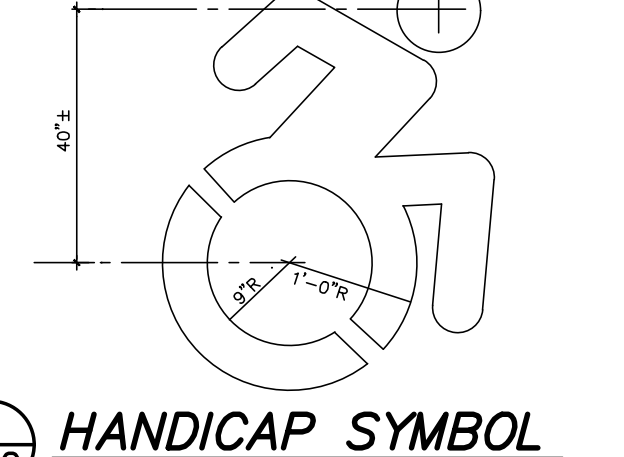
3 C12 HANDICAP SIGN
TYPICAL FOR ACCESS AISLE



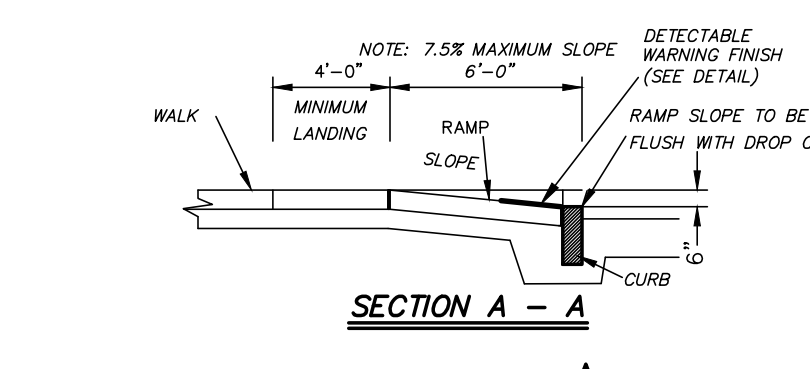
4 C12 HANDICAP SIGN
TYPICAL FOR PARKING SPACE



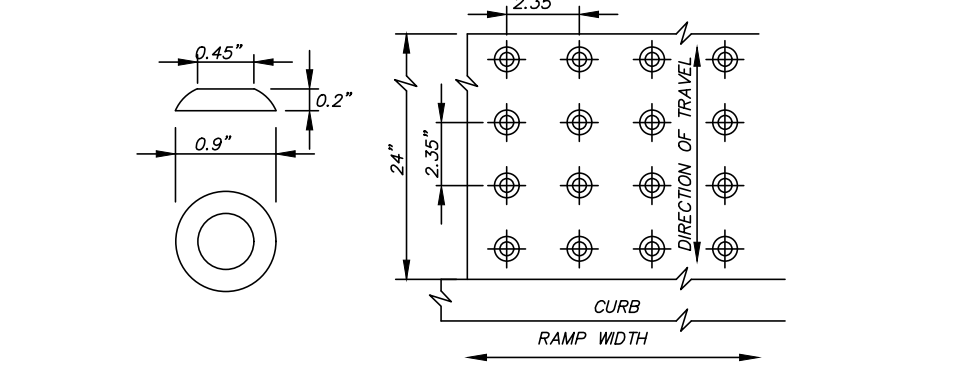
5 C12 HANDICAPPED PAVEMENT STRIPING DETAIL
NOT TO SCALE



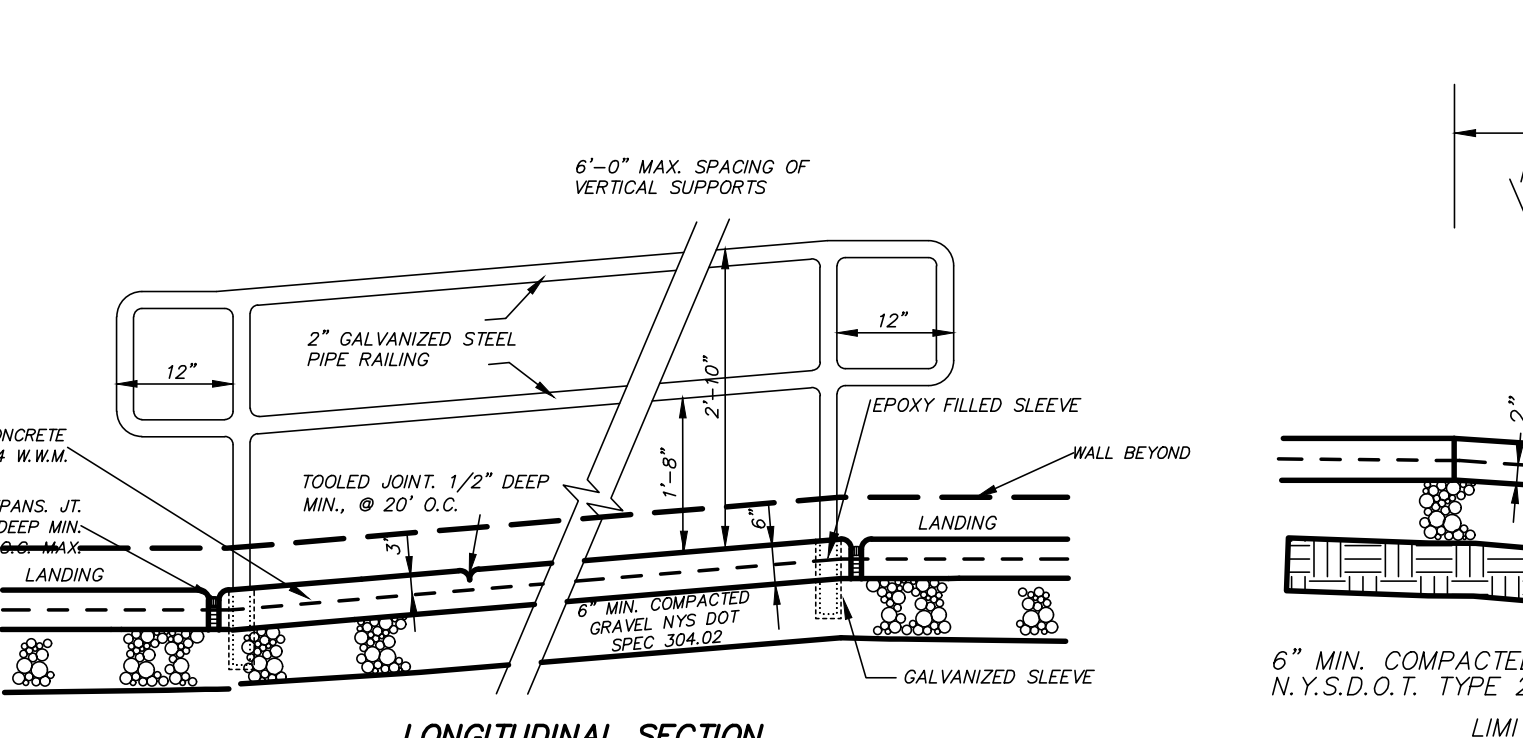
6 C12 HANDICAP SYMBOL
N.T.S.



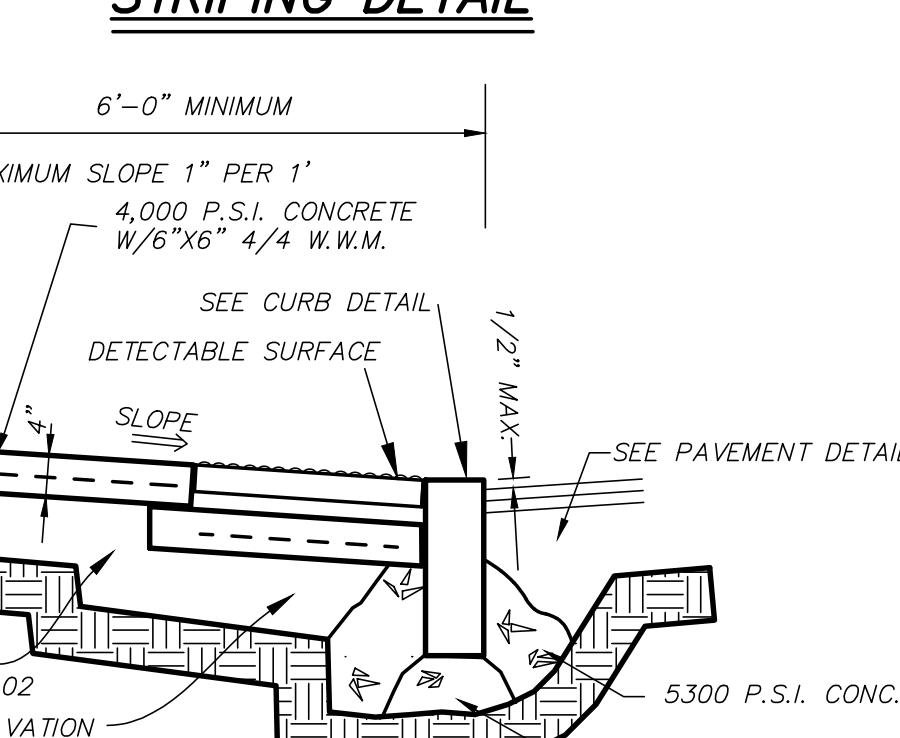
SECTION A - A



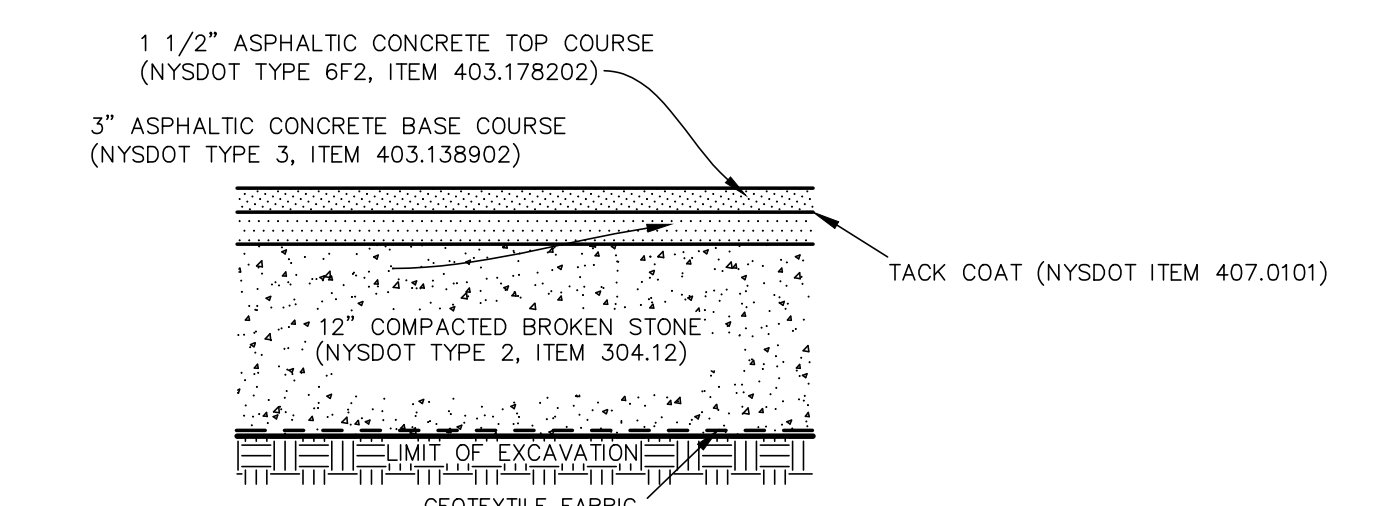
DETECTABLE WARNING SURFACE DETAIL



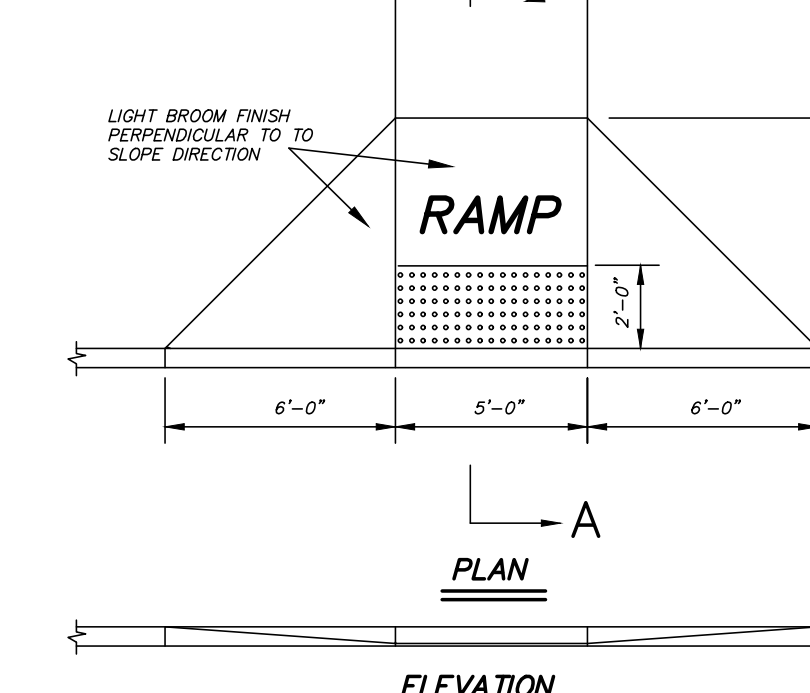
8 C12 RAMP AND RAIL DETAIL
NOT TO SCALE



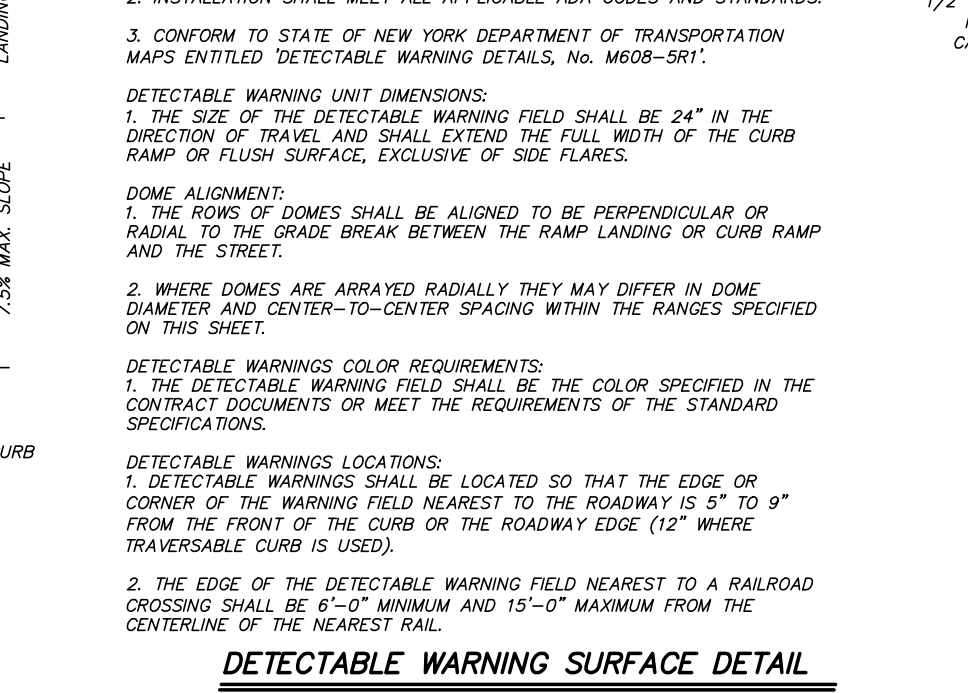
9 C12 HANDICAPPED RAMP DETAIL
NOT TO SCALE



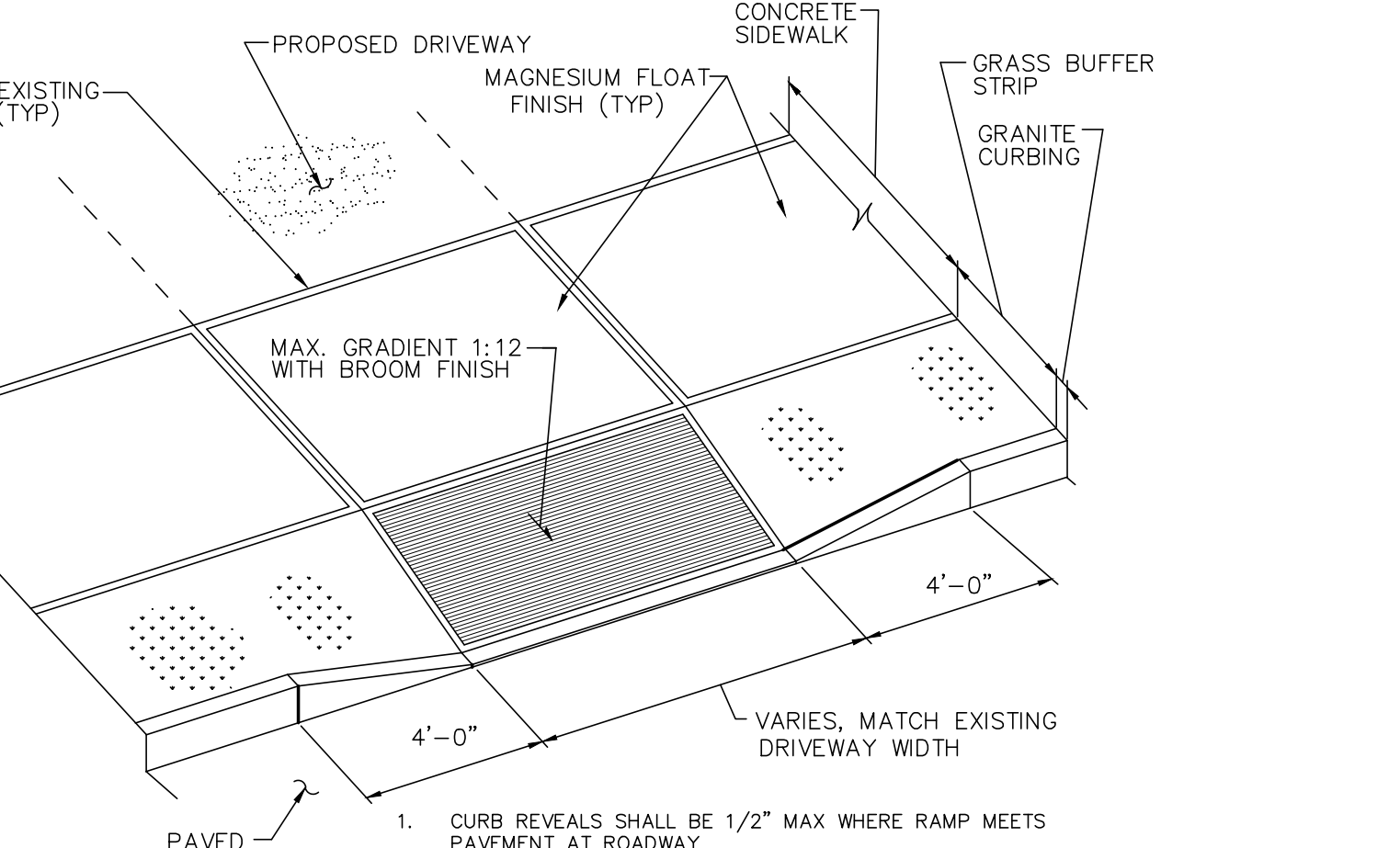
10 C12 ASPHALT PAVEMENT DETAIL



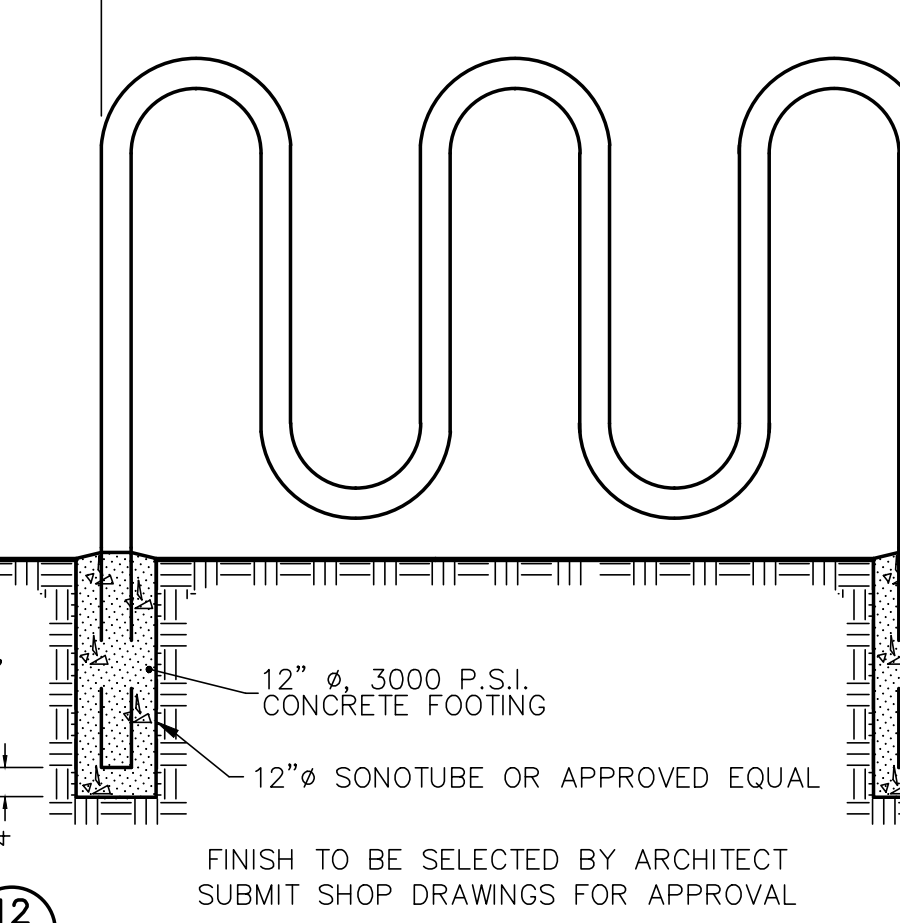
ELEVATION



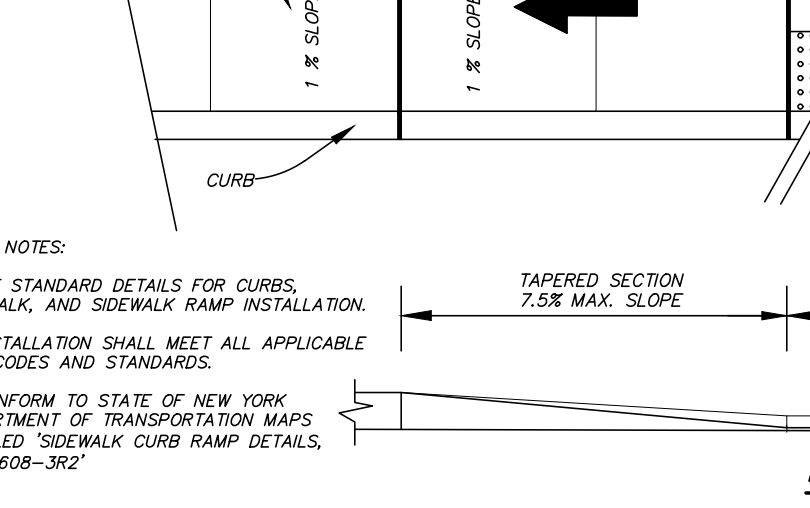
PLAN



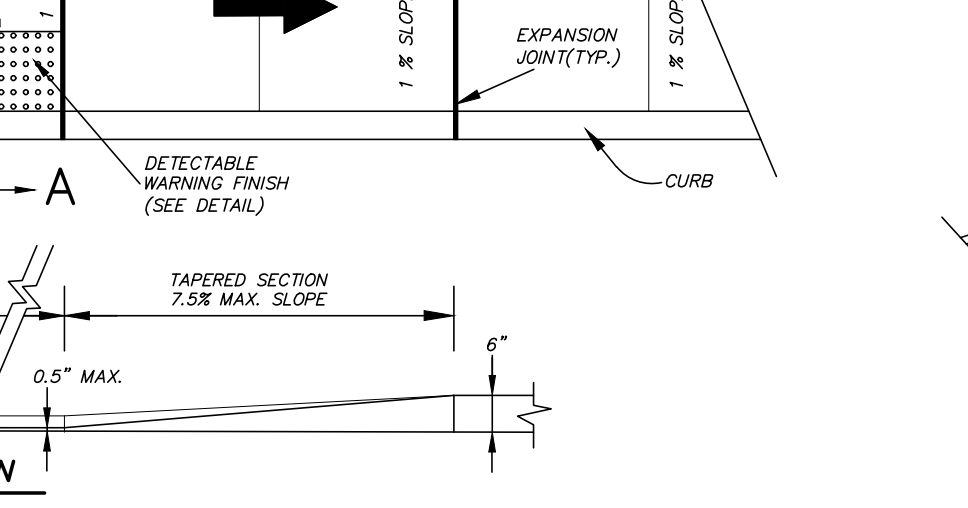
11 C12 DRIVEWAY/SIDEWALK DROP CURB DETAIL
NOT TO SCALE



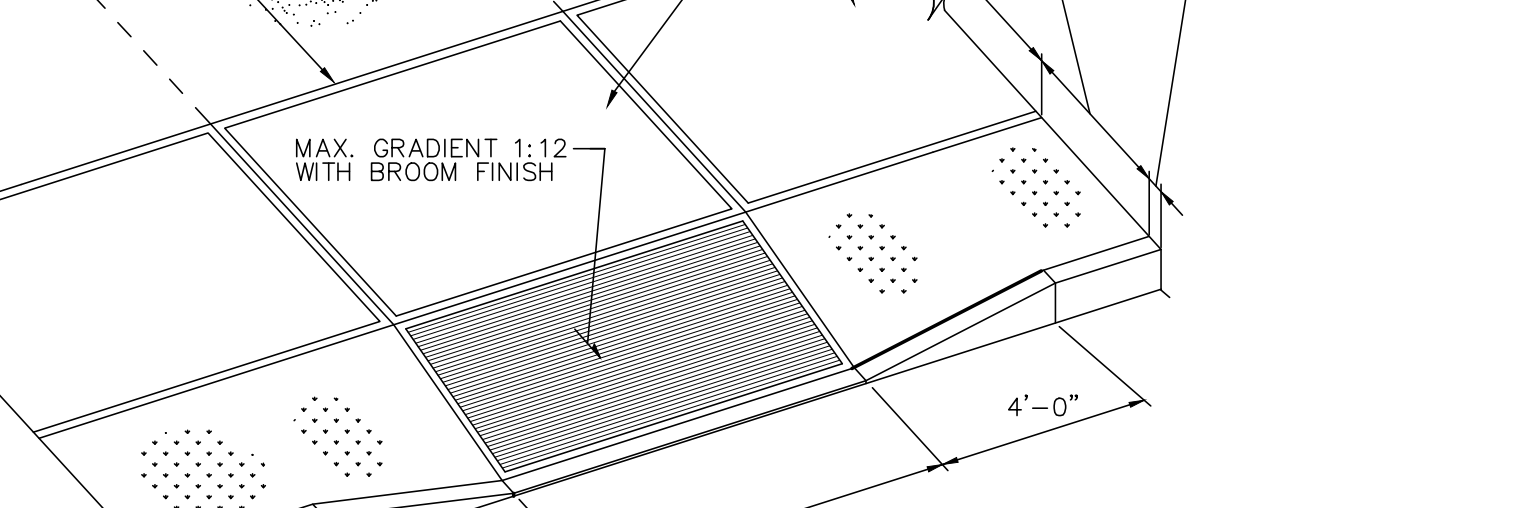
12 C12 BICYCLE LOOP RACK DETAIL
NOT TO SCALE



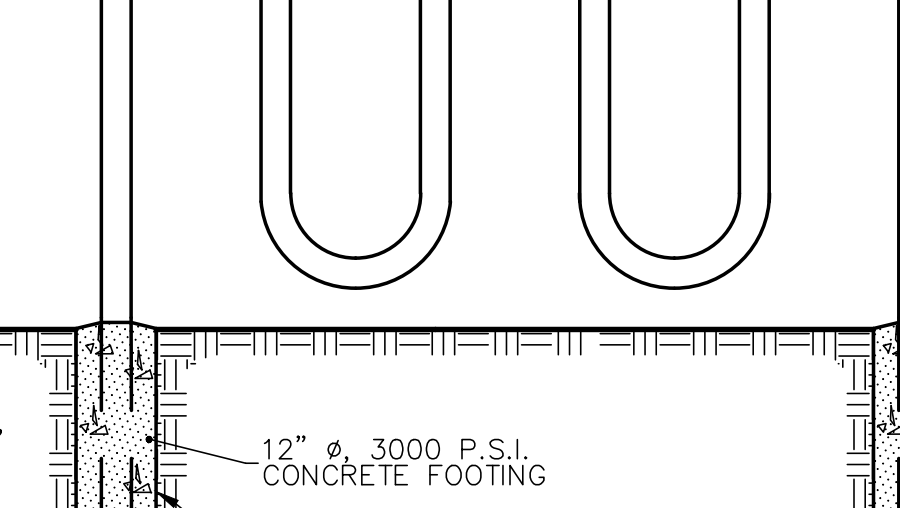
RAMP NOTES:



DETECTABLE WARNING SURFACE NOTES:

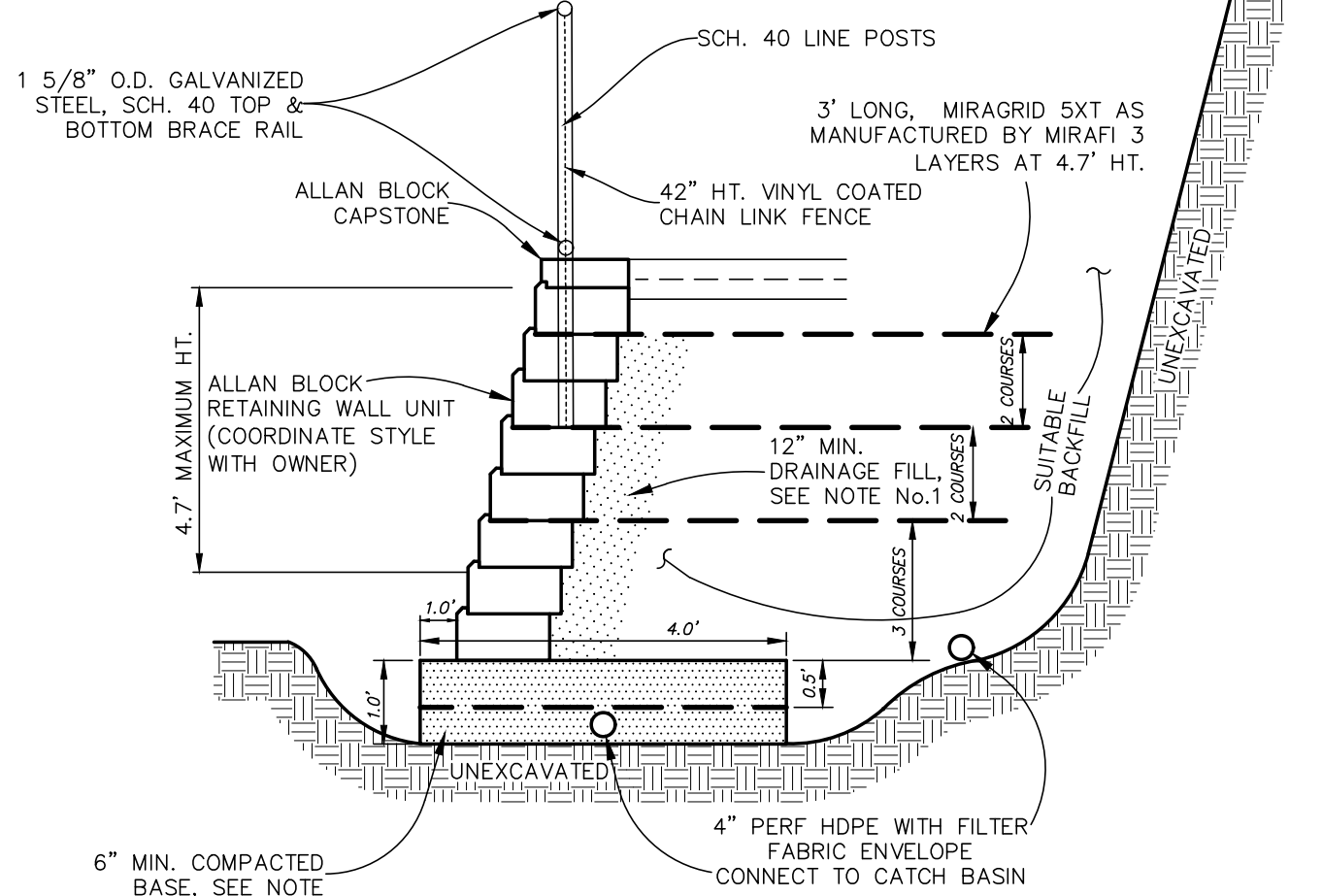


RAMP AND RAIL NOTES:

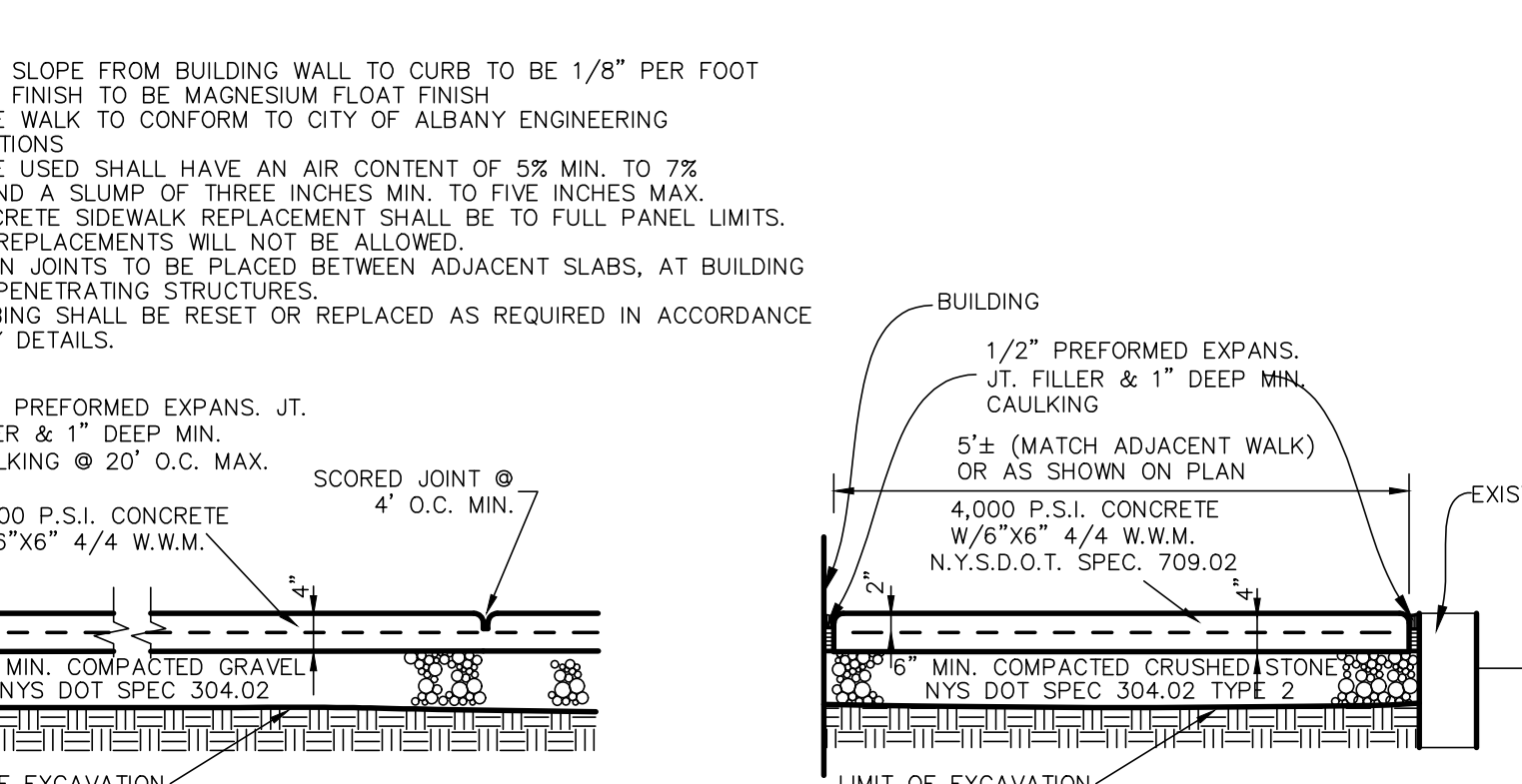


BICYCLE LOOP RACK NOTES:

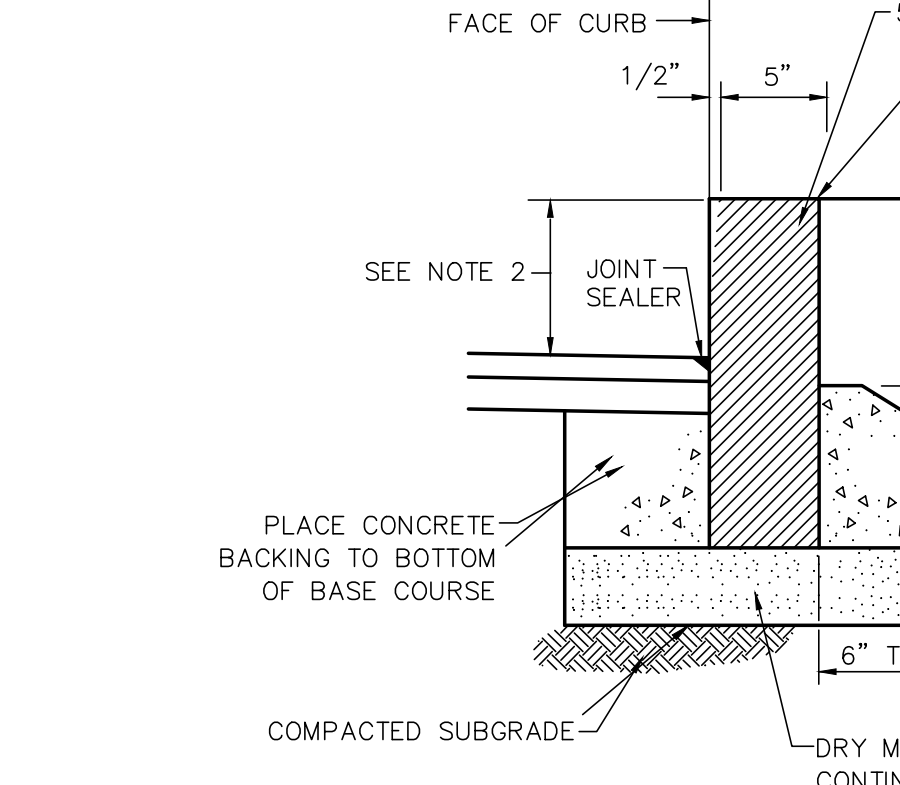
7 C12 HANDICAPPED RAMP PLAN
NOT TO SCALE



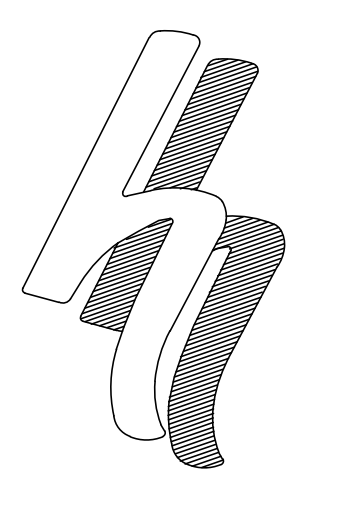
13 C12 SEGMENTED BLOCK RETAINING WALL DETAIL
NOT TO SCALE



14 C12 CONCRETE WALK REPAIR DETAIL IN CITY R.O.W.
NOT TO SCALE

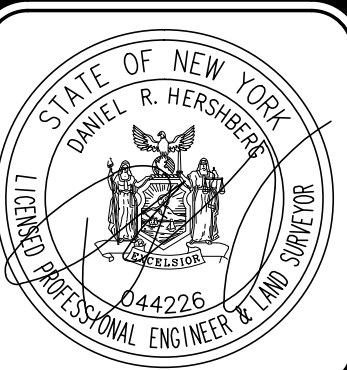


15 C12 GRANITE CURB DETAIL
NOT TO SCALE



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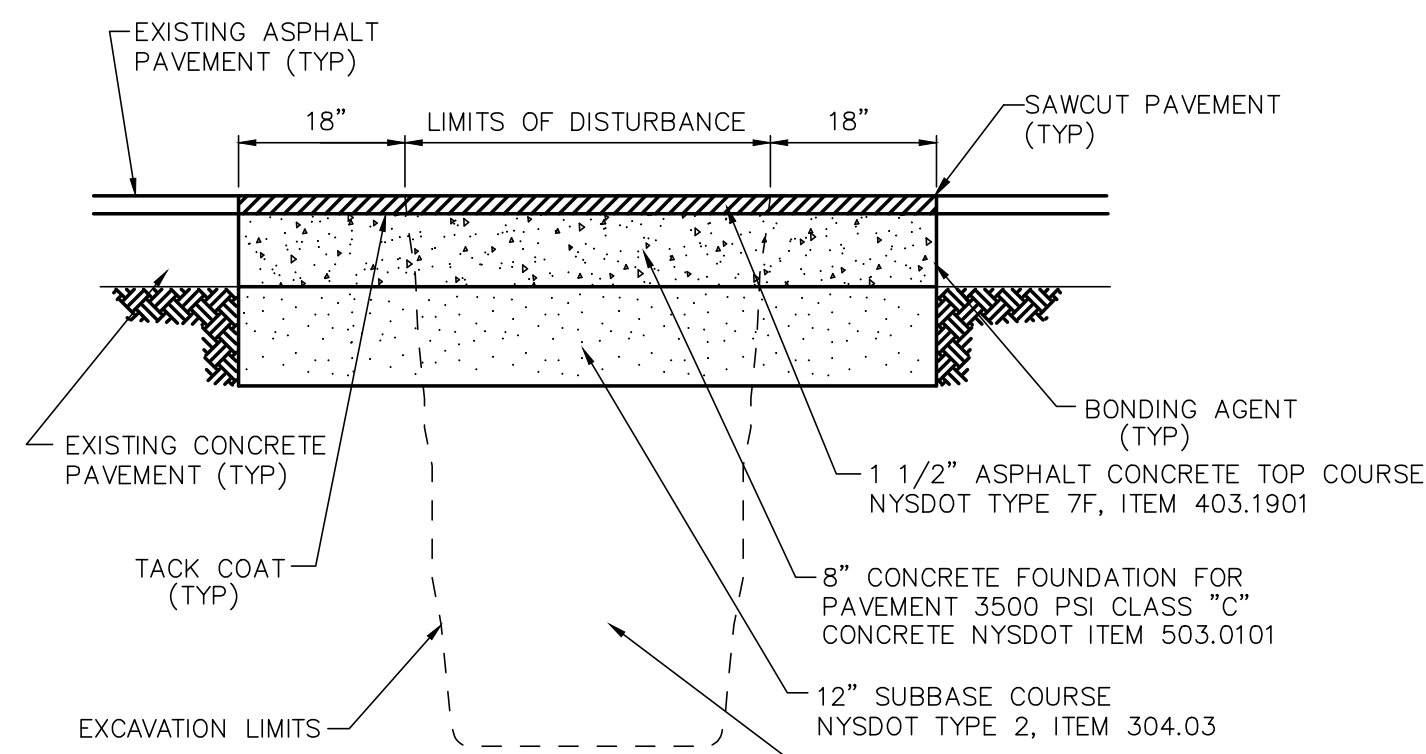
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| DATE | REVISIONS |
|----------|----------------------|
| 7/24/19 | PERMIT SET |
| 9/5/19 | GENERAL COMMENTS |
| 8/22/21 | GENERAL REVISIONS |
| 10/21/21 | BUILDING LAYOUT REV. |
| 10/20/21 | COMMENT REVISIONS |
| 11/10/21 | COMMENT REVISIONS |

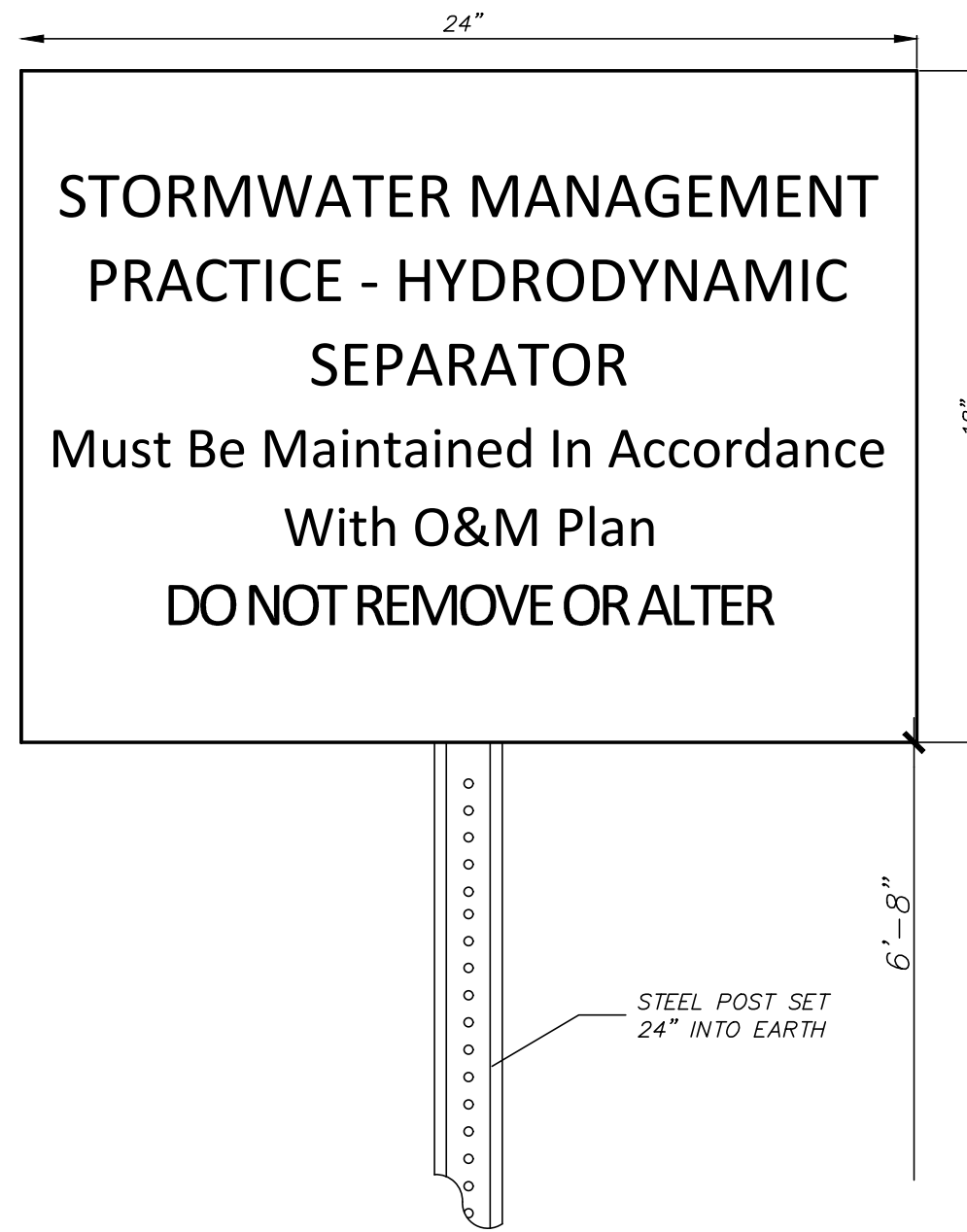
REVISIONS

DETAILS #1
LIFTS AT PINE HILLS
237 WESTERN AVENUE
CITY OF ALBANY, NEW YORK STATE, ALBANY COUNTY



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

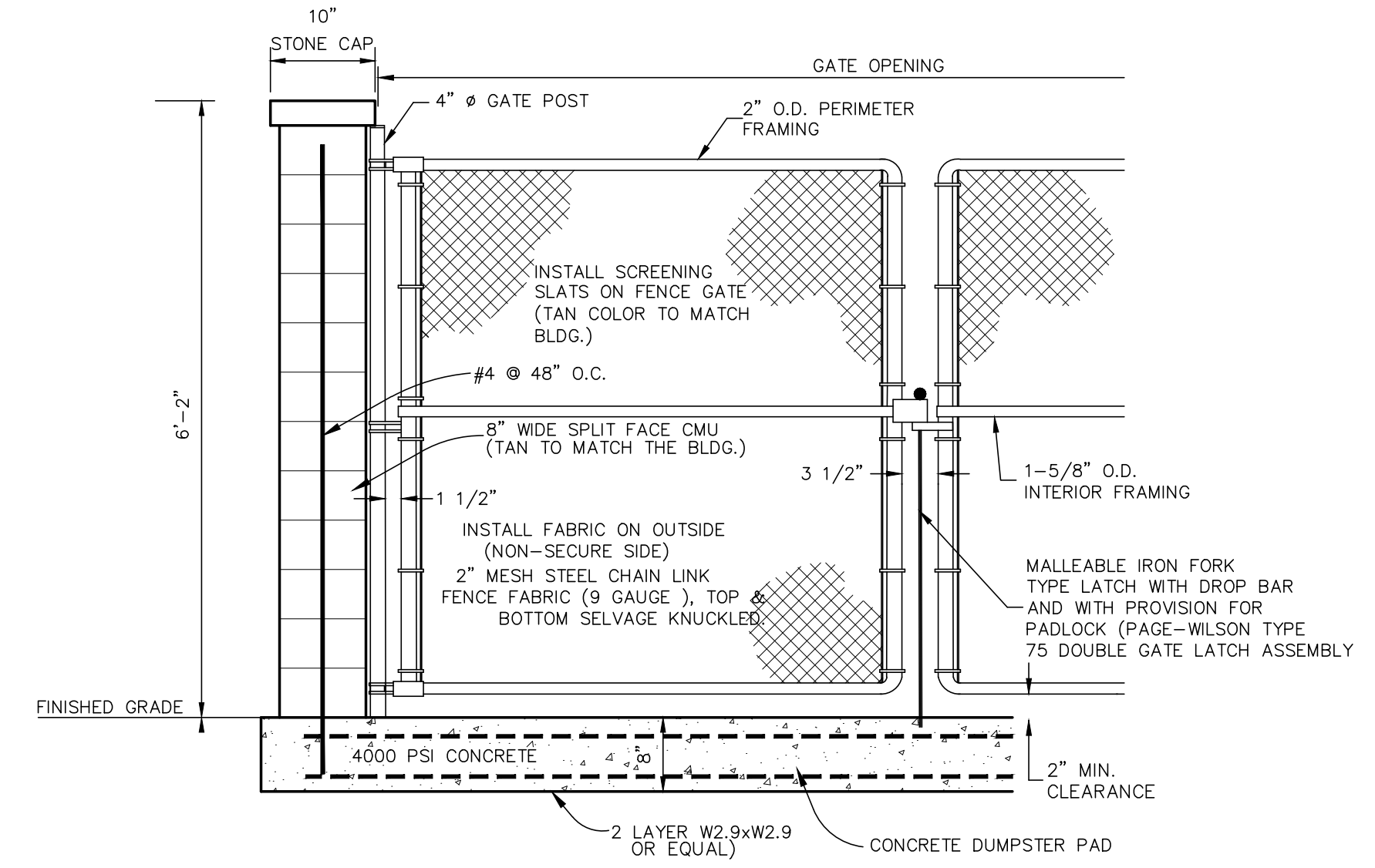
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C13 **STREET RESTORATION CONCRETE PAVEMENT DETAIL (CITY R.O.W.)**
NOT TO SCALE



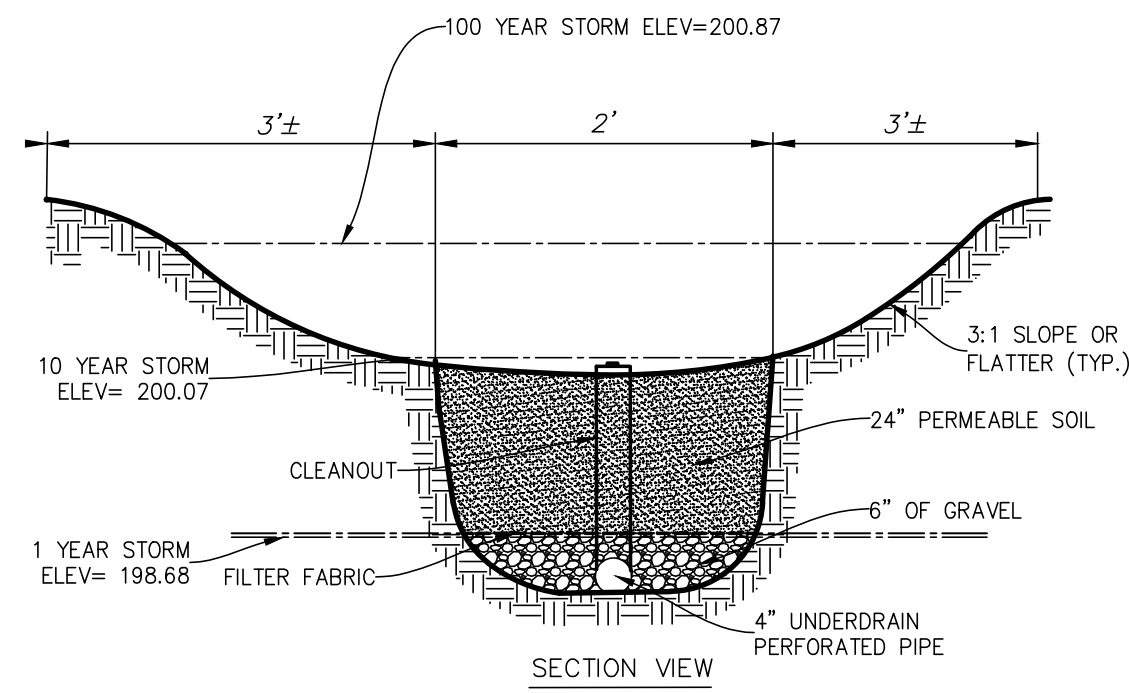
2
C13 **STORMWATER MANAGEMENT PRACTICE SIGN (AT HYDRODYNAMIC SEPARATOR LOCATION)**
NOT TO SCALE



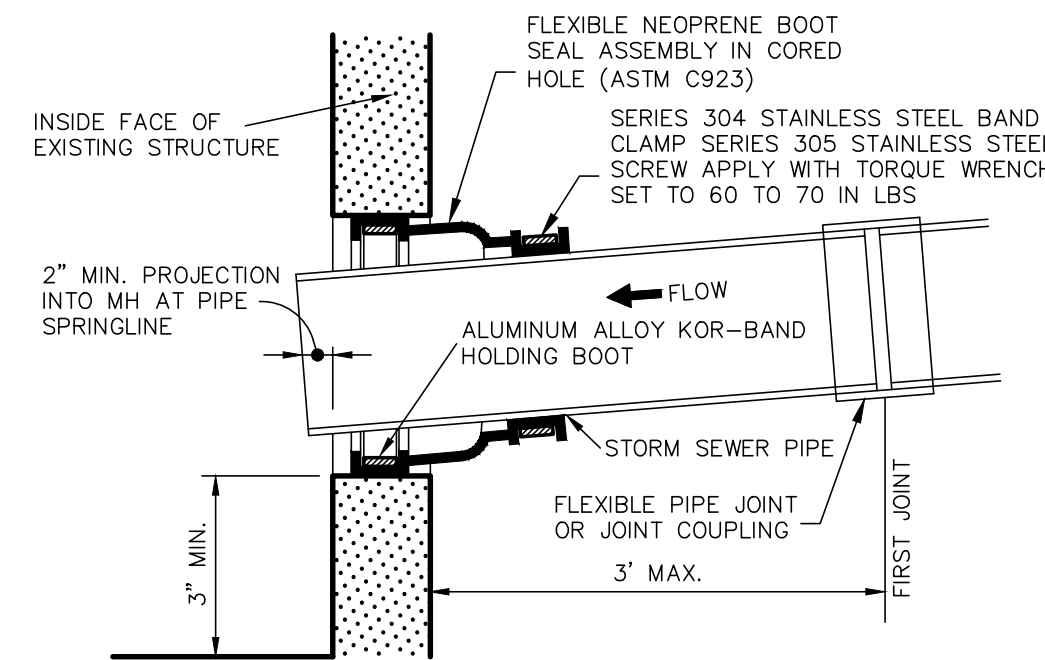
3
C13 **STORMWATER MANAGEMENT PRACTICE SIGN (AT BLUE ROOF LOCATION)**
NOT TO SCALE



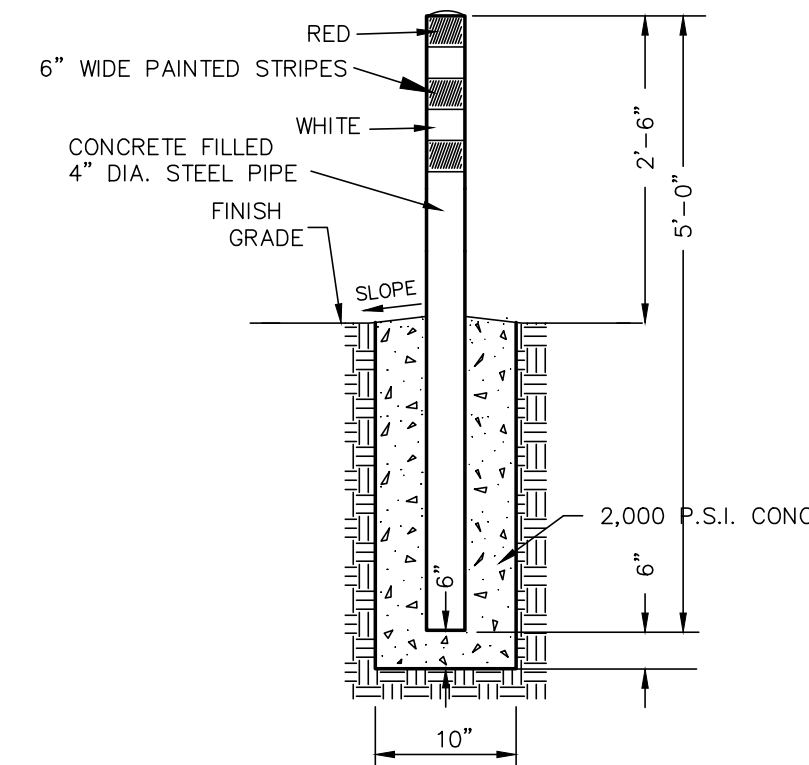
4
C13 **DUMPSTER ENCLOSURE & GATE DETAIL**
NOT TO SCALE



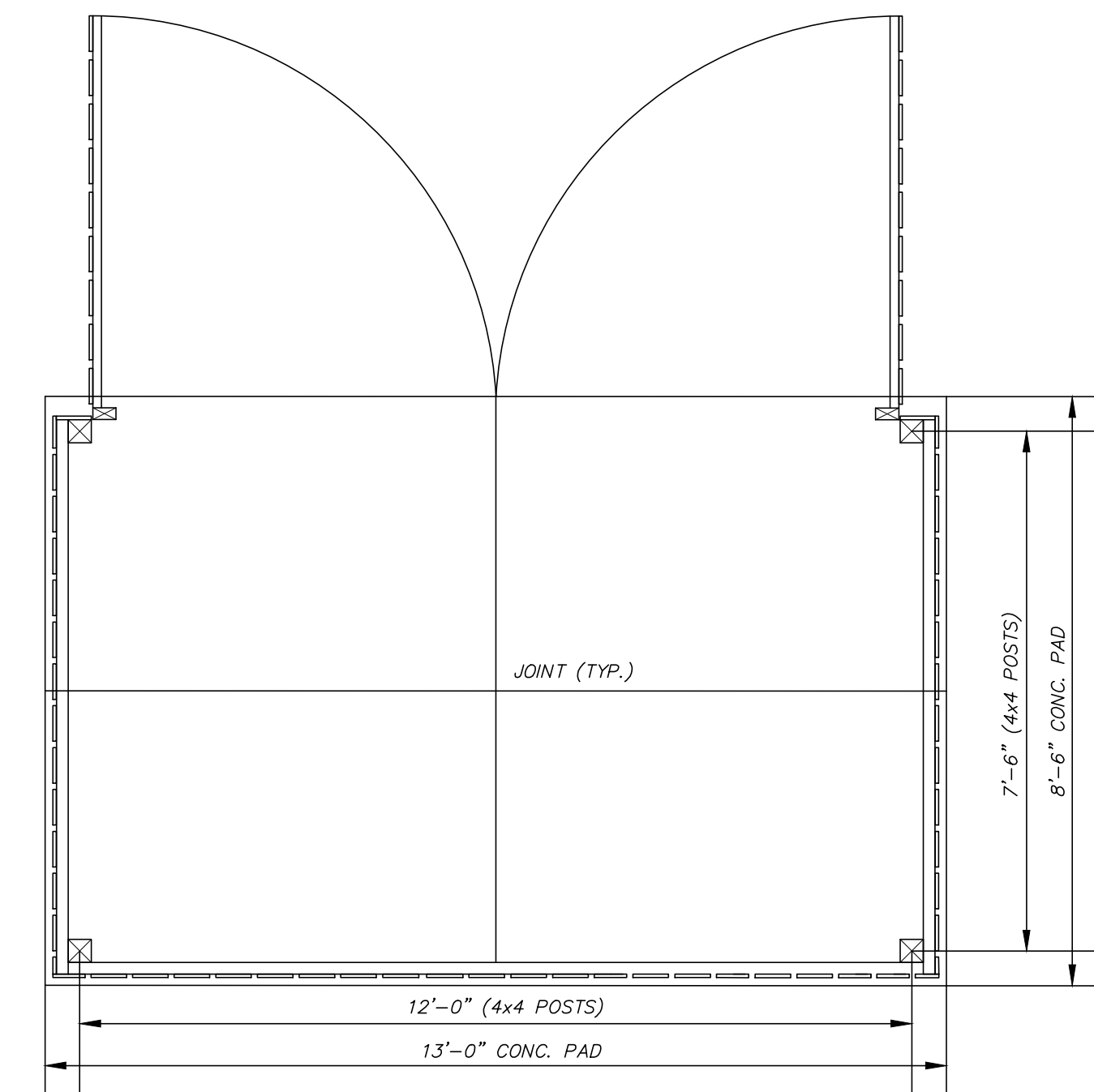
5
C13 **DRY SWALE DETAIL**
NOT TO SCALE



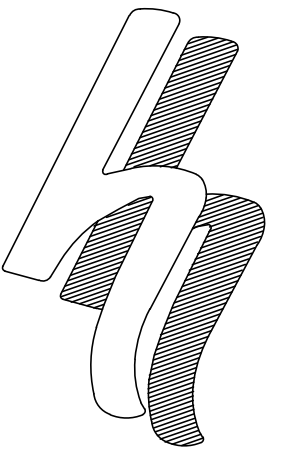
7
C13 **CORED IN FIELD CONNECTION**
NOT TO SCALE



8
C13 **BOLLARD DETAIL**
NOT TO SCALE

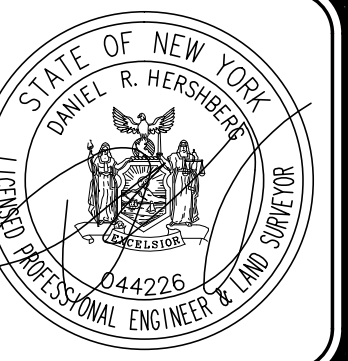


6
C13 **TRASH ENCLOSURE**
NOT TO SCALE



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

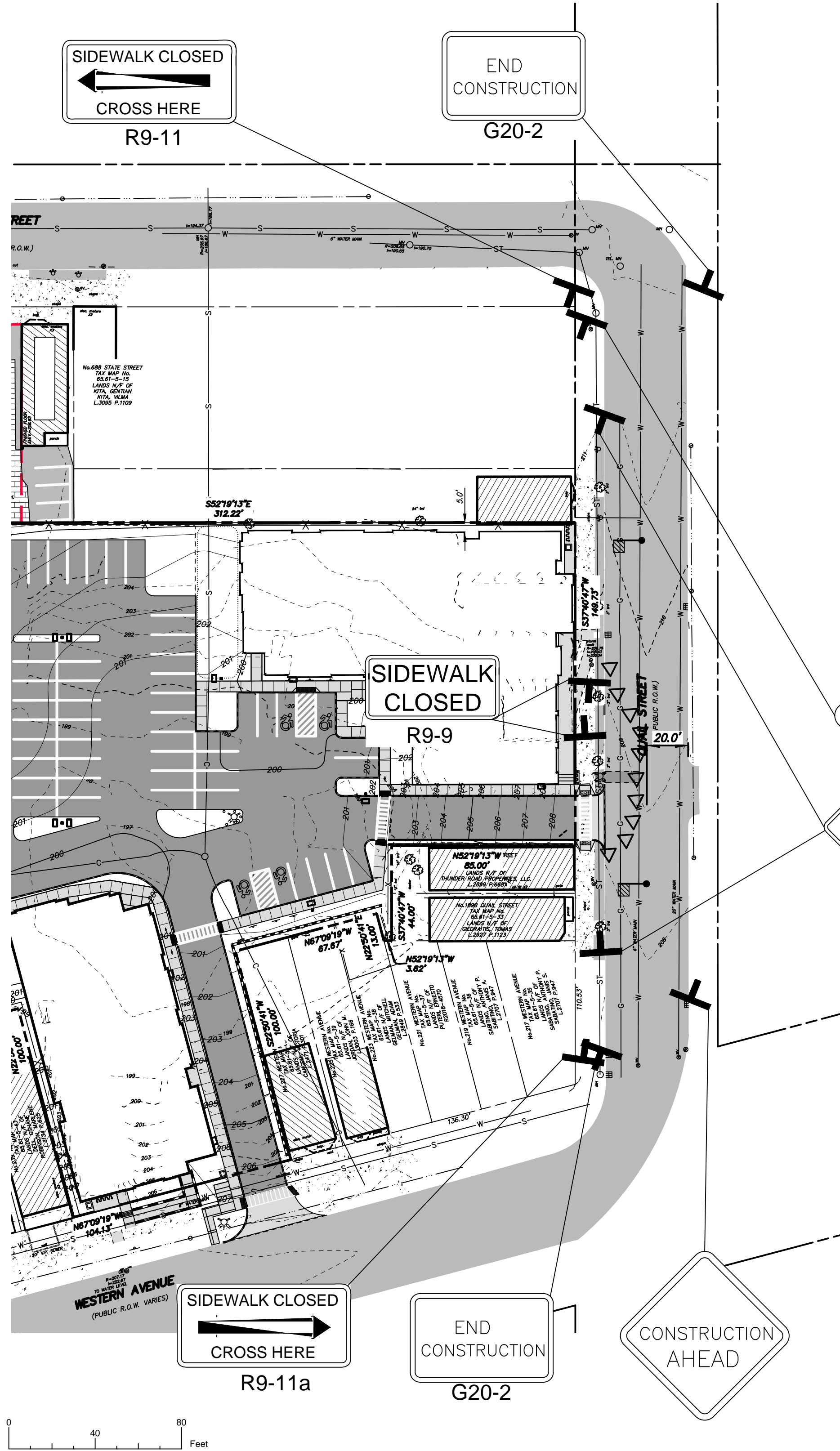
ALTERATION OF THIS DOCUMENT EXCEPT BY A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR, IS ILLEGAL.



| DATE | REVISIONS |
|----------|---------------------|
| 9/5/19 | AND COMMENTS |
| 9/10/19 | STORM SEWER RE-ISED |
| 8/27/21 | GENERAL REVISIONS |
| 10/21/21 | BUILDING LAYOUT REV |
| 10/20/21 | COMMENT REVISIONS |
| 11/10/21 | COMMENT REVISIONS |

DETAILS #2
LOFTS AT PINE HILLS
237 WESTERN AVENUE
CITY OF ALBANY, NEW YORK STATE, ALBANY COUNTY

FILE: 180312
SCALE: AS NOTED
BY: ND
CHK: DRH
DATE: 2/26/19
180312-1.DWG



CONSTRUCTION SIGNS – ITEM 619.02

| TEXT | M.U.T.C.D. NO. | APPROX. AREA (S.F.) |
|------|----------------|--------------------------|
| | R9-9 | 24" X 12" (2.0 S.F.) |
| | R9-11 | 24" X 12" (2.0 S.F.) |
| | G20-2 | 24" X 60" (10.0 S.F.) |
| | CUSTOM | 36" X 36" (9.0 S.F.) |
| | W20-7 | 36" X 36" (9.0 S.F.) |

LEGEND

| | |
|--|---------|
| | CONE |
| | FLAGGER |
| | SIGN |

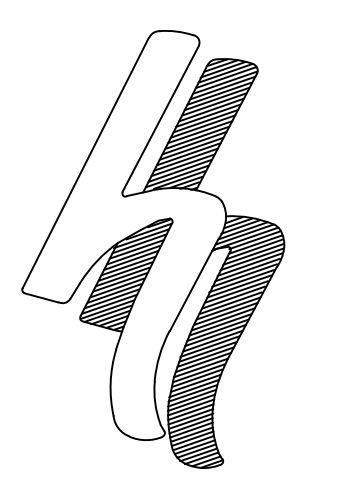
GENERAL NOTES

- ACCESS FOR CITY'S MAINTENANCE STAFF/REPRESENTATIVES MUST BE MAINTAINED AT ALL TIMES TO THE TRAFFIC SIGNAL EQUIPMENT AT THIS INTERSECTION.
- CONTRACTOR MUST PROTECT THE TRAFFIC SIGNAL EQUIPMENT BOTH ABOVE AND BELOW EXISTING GRADE, AT THIS INTERSECTION, FROM DAMAGE FROM WORK ACTIVITIES AT THIS SITE.
- TEMPORARY WALKWAY DURING PHASE 1 ONLY, ADA COMPLIANT RAMPS MUST BE INSTALLED AT THE TRANSITIONS FROM SIDEWALK TO THE NEW PATH. THESE RAMPS MUST BE MAINTAINED AT ALL TIMES DURING THE PROJECT.
- DAMAGE TO CITY SIDEWALKS, CURBS, AND ROADWAYS WILL BE THE SOLE RESPONSIBILITY OF THE DEVELOPER AND CONTRACTORS.
- DEVELOPER AND CONTRACTORS ARE RESPONSIBLE FOR CALLING THE OFFICE OF THE CHIEF SUPERVISOR OF TRAFFIC ENGINEERING TO ARRANGE FOR PARKING RESTRICTIONS FOR THE PROJECT. ANY FEE FOR THE PARKING OR METER SPACES WILL BE THE RESPONSIBILITY OF THE DEVELOPER/CONTRACTOR. METER PARKING IS ON BROADWAY AND NON-METER PARKING IS ON LIVINGSTON AVE.
- ONCE APPROVED THIS PLAN WILL REMAIN IN PLACE FOR THE DURATION OF THE PROJECT UNLESS A MODIFIED PLAN IS SUBMITTED AND APPROVED BY THE OFFICE OF CHIEF SUPERVISOR OF TRAFFIC ENGINEERING.
- DAMAGE TO CITY SIDEWALKS, CURBS, AND ROADWAYS WILL BE THE SOLE RESPONSIBILITY OF THE DEVELOPER AND CONTRACTORS.
- CONE SPACING UNDER ALL PHASES SHALL NOT EXCEED 10 FEET ON CENTER.



MAINTENANCE AND PROTECTION OF TRAFFIC NOTES

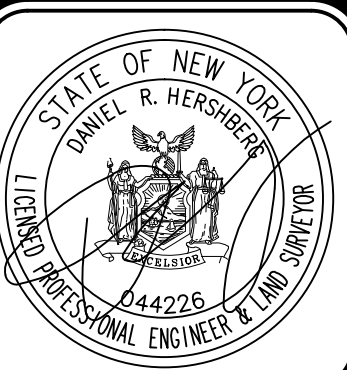
- MAINTENANCE AND PROTECTION OF TRAFFIC SHALL BE PROVIDED IN ACCORDANCE WITH SECTION 619 OF THE JANUARY 1, 2019 NYS STANDARD SPECIFICATIONS AND THE NEW YORK STATE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (M.U.T.C.D.) DATED MAY 2012 AND ALL OTHER APPLICABLE PROVISIONS CONTAINED IN THIS CONTRACT. ALL SIGN NUMBERS REFER TO THE M.U.T.C.D.
- THE FINAL RESPONSIBILITY FOR THE PROTECTION OF THE TRAVELING PUBLIC AND HIS OWN PERSONNEL SHALL REST WITH THE CONTRACTOR.
- PRIOR TO THE START OF WORK, THE CONTRACTOR MAY SUBMIT ANY PROPOSED CHANGES TO THE TRAFFIC CONTROL PLAN TO THE ENGINEER FOR APPROVAL. ANY CHANGE WHICH ALTERS THE BASIC CONCEPT OF THE PLAN MUST BE APPROVED BY THE REGIONAL DIRECTOR OR HIS DESIGNEE.
- VEHICLES AND CONSTRUCTION EQUIPMENT BELONGING TO THE CONTRACTOR OR THE CONTRACTOR'S EMPLOYEES SHALL BE MOVED A MINIMUM OF 30 FEET FROM THE EDGE OF PAVEMENT DURING NON-WORKING HOURS.
- DURING WORKING HOURS, NO CONSTRUCTION MATERIAL MAY BE STORED ON THE ROADWAY OR ROADBED EXCEPT IN A PROTECTED WORK ZONE.
- THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL PROPERTIES IN THE VICINITY OF THE PROJECT SITE AT ALL TIMES.
- SIGN LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE. ACTUAL LOCATION SHALL BE ADAPTED TO PREVAILING CONDITIONS.
- SIGNS THAT ARE NOT APPLICABLE SHALL BE COVERED OR OBSCURED FROM SIGHT.
- THE W20-7 FLAGGER SIGN SHALL BE USED WHENEVER FLAGGING OCCURS FOR MORE THAN A BRIEF PERIOD OF TIME. THE SIGN SHALL BE PROMPTLY REMOVED, COVERED OR FACED AWAY FROM TRAFFIC WHEN THE FLAGGING OPERATION CEASES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL TRAFFIC CONTROL DEVICES REQUIRED DURING CONSTRUCTION AND MAKING SURE ALL SIGNS, CONES AND DRUMS ARE IN PLACE AND IN GOOD CONDITION.
- THE CONTRACTOR SHALL MAINTAIN ALL EXISTING SIGNS FOR THE DURATION OF THE PROJECT OR UNTIL NEW REPLACEMENT SIGNS ARE INSTALLED. ALL COSTS TO WORK AROUND, REPLACE OR TEMPORARY POSTS OR TO TEMPORARILY RELOCATE EXISTING SIGNS SHALL BE INCLUDED IN THE PRICE BID FOR ITEM 619.01 – BASIC MAINTENANCE & PROTECTION OF TRAFFIC.
- LENGTH OF TAPERS SHOWN ON THE MAINTENANCE AND PROTECTION OF TRAFFIC GENERAL PLAN SHALL BE DETERMINED FROM SECTION 6C.08 OF THE M.U.T.C.D.. CONE SPACING SHALL BE DETERMINED FROM SECTION 6F.64 OF THE M.U.T.C.D..
- NO ATTEMPT HAS BEEN MADE TO SHOW THE LOCATION OF ANY UNDERGROUND UTILITIES WHICH MAY EXIST WITHIN OR ADJACENT TO THE PROJECT AREA. PRIOR TO THE UTILIZATION OF THE INFORMATION SHOWN HEREON, U.F.P.O. SHOULD BE NOTIFIED (811) FOR THE VERIFICATION OF THE EXISTENCE OF ANY AND ALL SUCH UTILITIES.
- IT SHALL BE THE CONTRACTOR'S SOLE RESPONSIBILITY FOR ANY DAMAGE INCURRED DURING EXCAVATION OPERATIONS. ALL COSTS RELATED TO THE REPAIR OF DAMAGED UTILITIES SHALL BE BORNE BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
- ALL CONSTRUCTION SIGNS SHALL BE PAID FOR UNDER ITEM 619.02. CONSTRUCTION SIGN MATERIALS SHALL COMPLY WITH SECTION 619-2 OF THE NYS DOT STANDARD SPECIFICATIONS.
- WORK ZONES LEFT OVERNIGHT SHALL BE PROTECTED WITH THE APPROPRIATE WARNING SIGNS SUPPLEMENTED WITH TYPE "A" LOW INTENSITY WARNING LIGHTS, DRUMS OR BARRICADES SHALL BE USED FOR CHANNELLIZATION. TWO-WAY TRAVEL SHALL BE PROVIDED DURING NON-WORKING HOURS.



HERSBERG & HERSBERG
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Albany, New York 12203

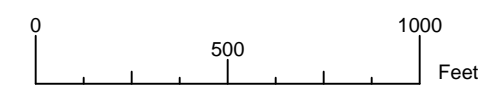
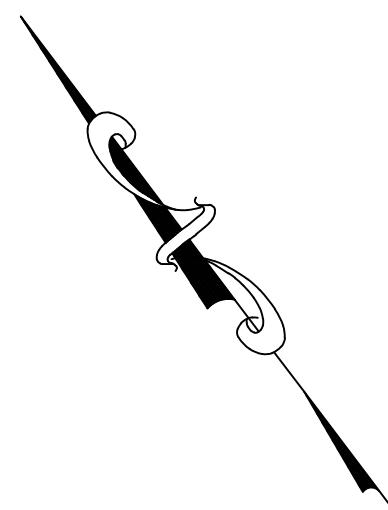
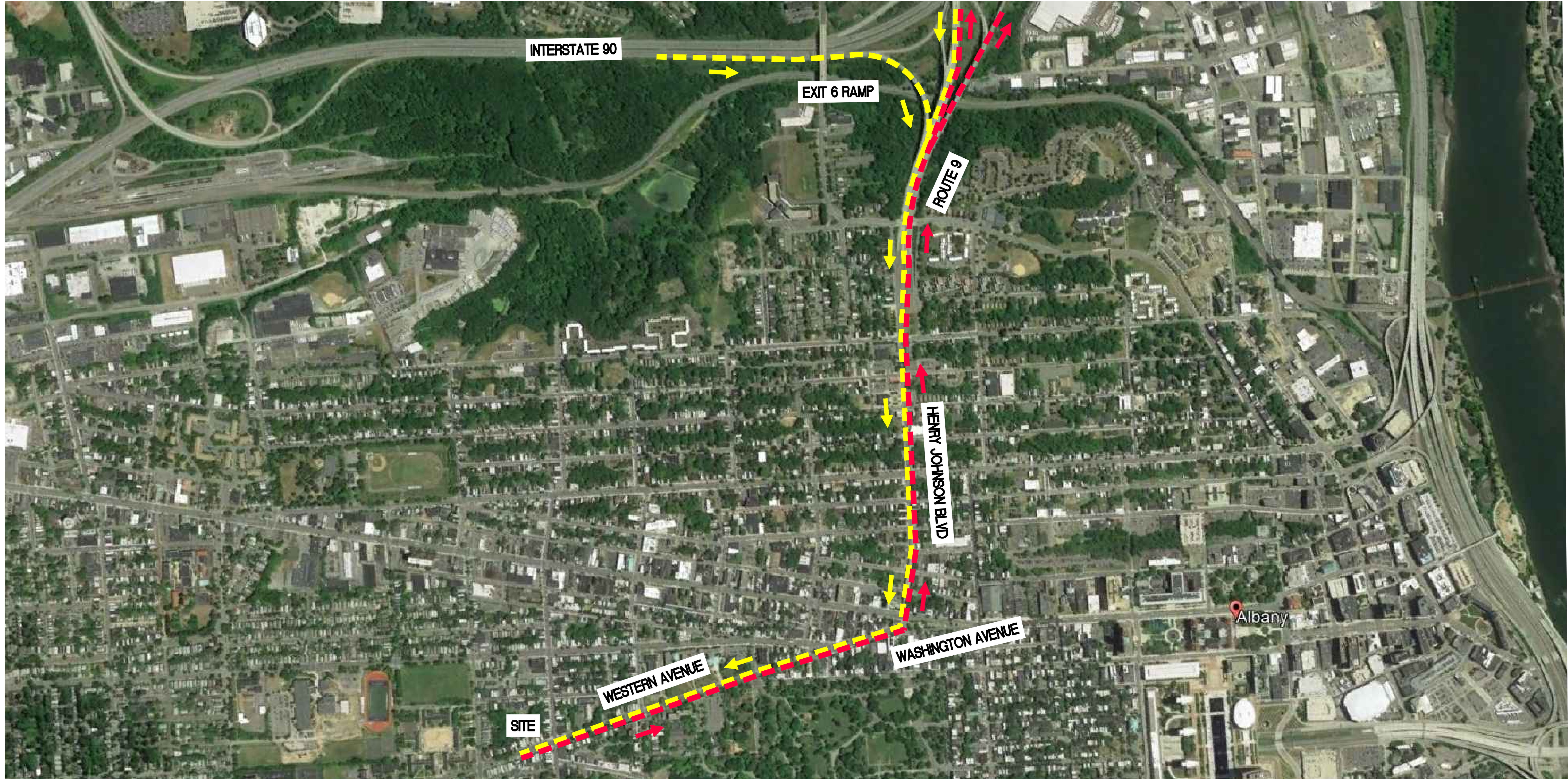
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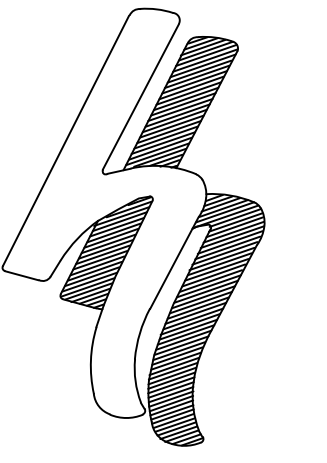
| REVISIONS | DATE | REMARKS |
|-----------|----------|----------------------|
| 1 | 9/20/19 | STORM SEWER REVISION |
| 2 | 8/27/21 | GENERAL REVISIONS |
| 3 | 10/11/21 | BUILDING LAYOUT REV |
| 4 | 10/20/21 | COMMENT REVISIONS |
| 5 | 11/20/21 | GENERAL REVISIONS |
| 6 | 2/2/22 | GENERAL REVISIONS |

MAINTENANCE AND PROTECTION OF TRAFFIC PLAN
LOFTS AT PINE HILLS
237 WESTERN AVENUE
CITY OF ALBANY, NEW YORK STATE, ALBANY COUNTY

FILE: 180312 SCALE: 1"=30' DATE: 1/9/19 CHK: DRH



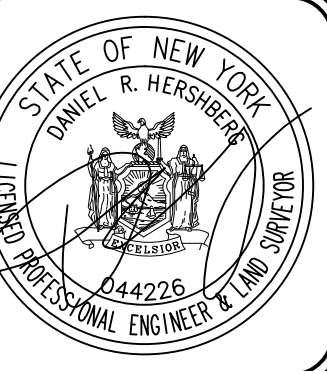
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| REVISIONS | REMARKS | DATE |
|-----------|---------------------|----------|
| 1 | PERMIT SET | 7/24/19 |
| 2 | AND COMMENTS | 9/5/19 |
| 3 | STORM SEWER REVISED | 9/20/19 |
| 4 | GENERAL REVISIONS | 8/21/21 |
| 5 | BUILDING LAYOUT REV | 10/11/21 |
| 6 | COMMENT REVISIONS | 11/10/21 |

TRUCK ROUTING PLAN FOR
LOFTS AT PINE HILLS
237 WESTERN AVENUE
CITY OF ALBANY, NEW YORK STATE, ALBANY COUNTY

FILE: 180312
SCALE: AS NOTED
BY: MAB
CHK: DRH
DATE: 1/9/19
180312-1.DWG