

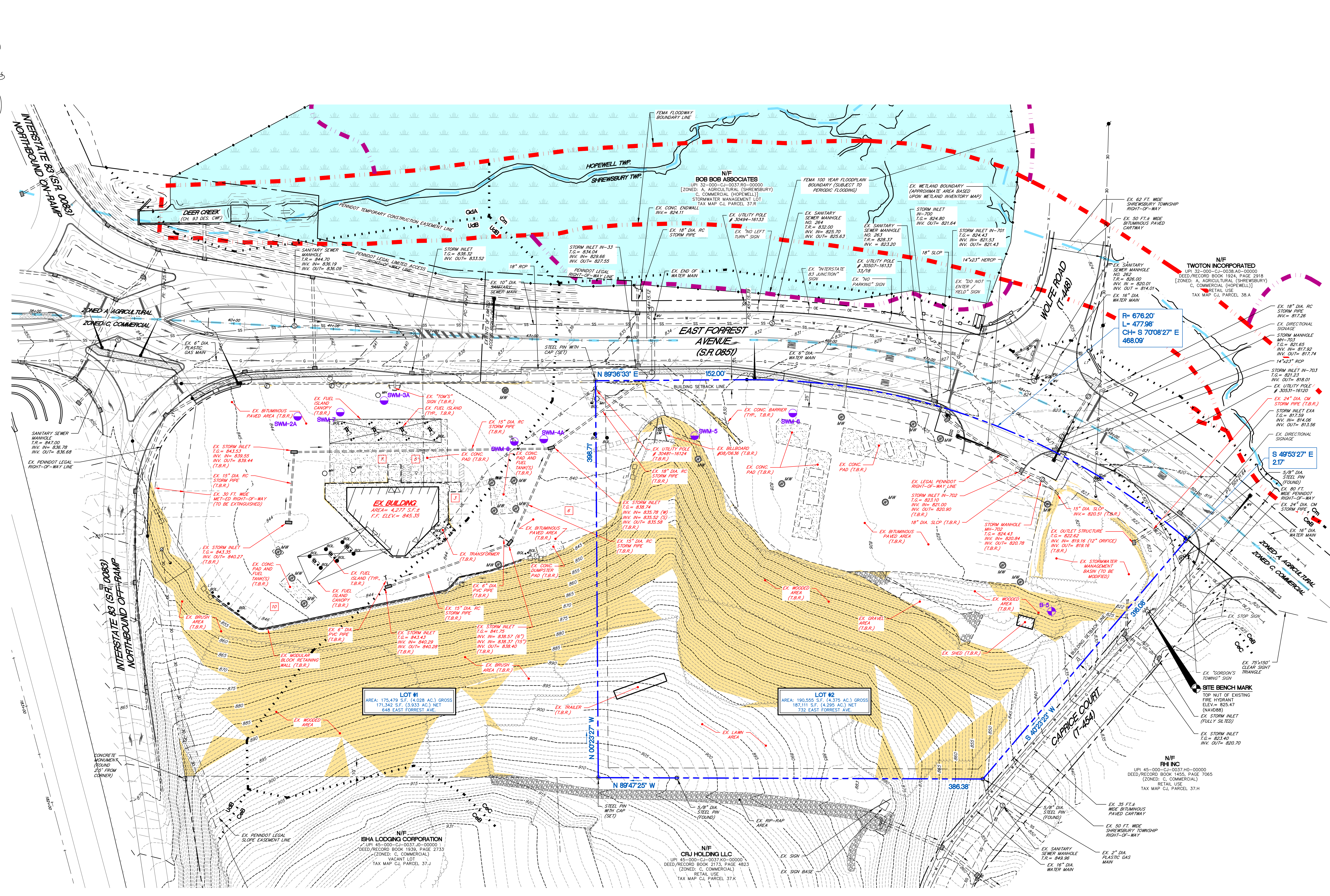
| NO. | DATE | REVISIONS | COMMENTS |
|-----|----------|--------------------------------|----------|
| 1 | 02/08/22 | REVISED PER TWP STAFF COMMENTS | |
| 2 | 04/12/22 | REVISED PER DEP COMMENTS | |



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EXISTING SITE CONDITIONS AND DEMOLITION PLAN
PROPOSED REDEVELOPMENT
FOR
TWO FARMS, INC.
732 EAST FOREST AVENUE
SHREWSBURY TOWNSHIP, YORK COUNTY, PENNSYLVANIA

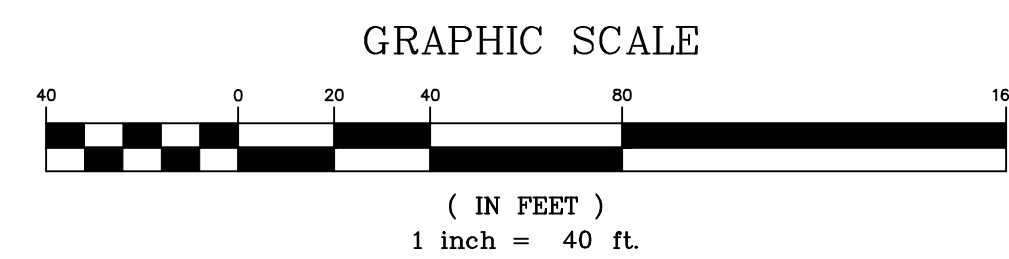
| | |
|------------|-----------------|
| SCALE | AS NOTED |
| DRAWN BY | CIF |
| CHECKED BY | AWA |
| CONTACT | AWA |
| DATE | 12.14.21 |
| FILE NAME | 993.1B-FLD-LOT2 |
| JOB NO. | 993.1B |
| SHEET NO. | C-3 |
| REV. | 2 |



SITE DEMOLITION NOTES

- IN ADDITION TO THIS PLAN, THE APPROVED PENNDOT CONSTRUCTION PLANS FOR I-83 EXIT 4 IMPROVEMENTS, THE SITE LAYOUT PLAN, SITE GRADING PLAN, SITE UTILITY PLAN, AND SITE LANDSCAPE PLAN SHALL BE USED BY THE SITE CONTRACTOR TO DETERMINE THE LIMITS OF EXISTING IMPROVEMENTS TO BE DEMOLISHED AND REMOVED IN ORDER TO ALLOW THE CONSTRUCTION OF THE PROPOSED PROJECT. ANY QUESTIONS OR DISCREPANCIES REGARDING THE LIMITS OF PROPOSED SITE DEMOLITION SHALL BE BROUGHT TO THE ATTENTION OF SITE DESIGN CONCEPTS, INC. PRIOR TO THE START OF CONSTRUCTION.
- CONTRACTOR TO REMOVE AND PROPERLY DISPOSE OF ALL TREES, INCLUDING STUMPS, TO ALLOW FOR CONSTRUCTION OF PROPOSED PROJECT.
- ALL PROPOSED SITE DEMOLITION AND DISPOSAL OF DEMOLISHED MATERIALS SHALL BE COMPLETED IN ACCORDANCE WITH ALL AGENCIES HAVING JURISDICTION OVER SUCH OPERATIONS AS APPLICABLE.
- CONTRACTOR SHALL OBTAIN APPROVAL FROM THE OWNER PRIOR TO THE REMOVAL, DEMOLITION OR DISPOSAL OF ANY EXISTING SITE IMPROVEMENTS, INCLUDING, BUT NOT LIMITED TO PAVING, TREES, SHRUBS AND OTHER PLANTINGS, AND SIGNS. STORAGE OF ANY SALVAGED MATERIALS SHALL BE COORDINATED WITH THE OWNER.
- REFER TO AND REVIEW THE GENERAL CONSTRUCTION NOTES ON DWG. SHIT-C-2 PRIOR TO THE START OF DEMOLITION WORK. ALL DEMOLISHED SITE MATERIALS SHALL BE REMOVED AND DISPOSED OF OFF-SITE AT AN APPROVED LOCATION, UNLESS APPROVED OTHERWISE BY OWNER.
- ANY EXISTING BITUMINOUS PAVING, CONCRETE CURB, CONCRETE PADS, SIDEWALK, UTILITY OR OTHER EXISTING IMPROVEMENT (SCHEDULED TO REMAIN) THAT IS DAMAGED BY CONSTRUCTION ACTIVITIES SHALL BE REMOVED AND REPLACED, OR REPAIRED WITH MATERIAL EQUAL TO OR EXCEEDING THAT WHICH WAS DISTURBED, OR AS SPECIFIED BY THE OWNER. PROJECT OR MUNICIPAL ENGINEER, AS APPLICABLE. WHEN REMOVING AND REPLACING CONCRETE PADS AND/OR SIDEWALK, REMOVAL SHALL BE TO THE NEAREST EXPANSION JOINT IF POSSIBLE, TO CREATE A CLEAN, TOoled (NON-SAWED) JOINT. PROVIDE DOWELS AT JOINTS AND INSTALL NEW EXPANSION JOINT MATERIAL AS REQUIRED.
- EXISTING OVERHEAD/UNDERGROUND ELECTRIC, TELEPHONE, CABLE, TELECOMMUNICATION, OR OTHER UTILITY LINES SCHEDULED TO BE REMOVED AND/OR RELOCATED SHALL BE COORDINATED WITH THE APPROPRIATE UTILITY PROVIDER(S) PRIOR TO THE START OF CONSTRUCTION.

| EXISTING CRITICAL ENVIRONMENTAL AREAS (CEAs) | |
|--|----------------|
| CONDITION | AREA |
| WETLANDS | N/A |
| RIPARIAN BUFFERS | N/A |
| WELLHEAD PROTECTION | N/A |
| NATURAL STEEP SLOPES | N/A |
| 25% OR GREATER STEEP SLOPES (MAN-MADE) | 121,866 S.F. ± |



SOILS LEGEND

CHB CHESTER SILT LOAM, 3 TO 8 PERCENT SLOPES
 C4C CHESTER SILT LOAM, 8 TO 15 PERCENT SLOPES
 G4A GLENVILLE SILT LOAM, 0 TO 3 PERCENT SLOPES
 G4B URBAN LAND-CHESTER COMPLEX, 0 TO 8 PERCENT SLOPES

SOIL INFILTRATION TEST RESULTS

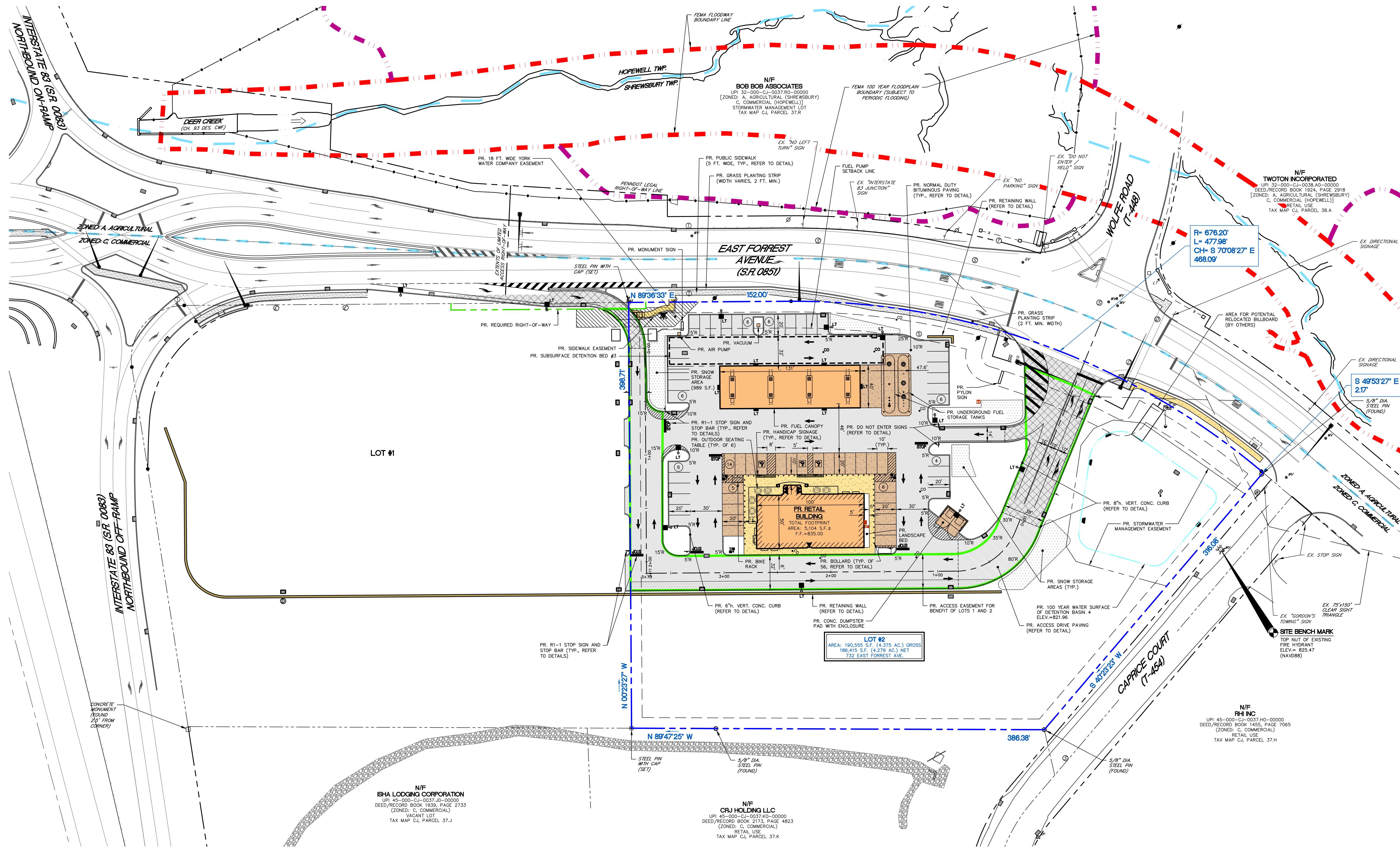
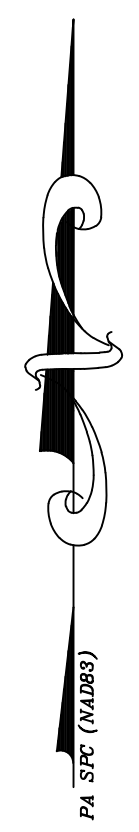
| TEST PIT NUMBER | EX. GRADE AT TEST | ELEVATION OF TEST | INFILTRATION RATE (W/SAFETY FACTOR) | COMMENTS |
|-----------------|-------------------|-------------------|-------------------------------------|----------|
| SWM-5 | 833.50 | 825.00 | 2.0 IN./HR. | |
| SWM-6 | 827.00 | 825.00 | 5.9 IN./HR. | |

SOIL TEST LEGEND

- B-5 PROPOSED SOIL BORING LOCATION
- SWM-5 PROPOSED INFILTRATION TEST LOCATION

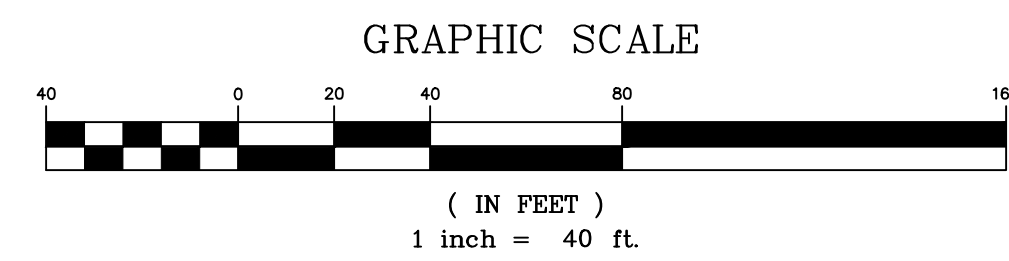
HATCH LEGEND

- EX. GRAVEL AREA
- EX. CONCRETE



HATCH LEGEND

- PR. BUILDING
- PR. NORMAL DUTY BITUMINOUS PAVING (REFER TO DETAIL)
- PR. PENNDOT PAVING (REFER TO DETAIL)
- PR. ACCESS DRIVE PAVING (REFER TO DETAIL)
- PR. CONCRETE SIDEWALK (REFER TO DETAIL)
- PR. STRUCTURAL CONCRETE (REFER TO DETAIL)
- PR. SNOW STORAGE AREA
- PR. UTILITY EASEMENT
- PR. ACCESS EASEMENT



NOTE

1. PROPOSED IMPROVEMENTS DEPICTED AT THE ROUTE 83 - EXIT 4 INTERCHANGE AND THOSE WITHIN THE EAST FORREST AVENUE RIGHT-OF-WAY ARE BASED UPON DRAWINGS FOR CONSTRUCTION, DATED 10/18/16, PREPARED BY GANNETT FLEMING.

REFER TO APPROVED PENNDOT HIGHWAY OCCUPANCY PERMIT PLANS FOR CONSTRUCTION OF DRIVEWAY, SIDEWALK, AND ROADWAY IMPROVEMENTS ALONG EAST FORREST AVENUE, WOLFE ROAD, AND EXIT 4 PREPARED BY TRAFFIC PLANNING AND DESIGN, INC.

| NO. | DATE | REVISIONS | COMMENTS |
|-----|----------|--------------------------------|----------|
| 1 | 02/08/22 | REVISED PER TWP START COMMENTS | |
| 2 | 04/12/22 | REVISED PER DEP COMMENTS | |



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SITE LAYOUT PLAN

PROJECT: PROPOSED REDEVELOPMENT FOR TWO FARMS, INC. 732 EAST FORREST AVENUE SHREWSBURY TOWNSHIP, YORK COUNTY, PENNSYLVANIA

| | |
|------------|-----------------|
| SCALE | AS NOTED |
| DRAWN BY | CIF |
| CHECKED BY | AWA |
| CONTACT | AWA |
| DATE | 12.14.21 |
| FILE NAME | 993.1B-FLD-LOT2 |
| JOB NO. | 993.1B |
| SHEET NO. | C-4 |
| REV. | 2 |

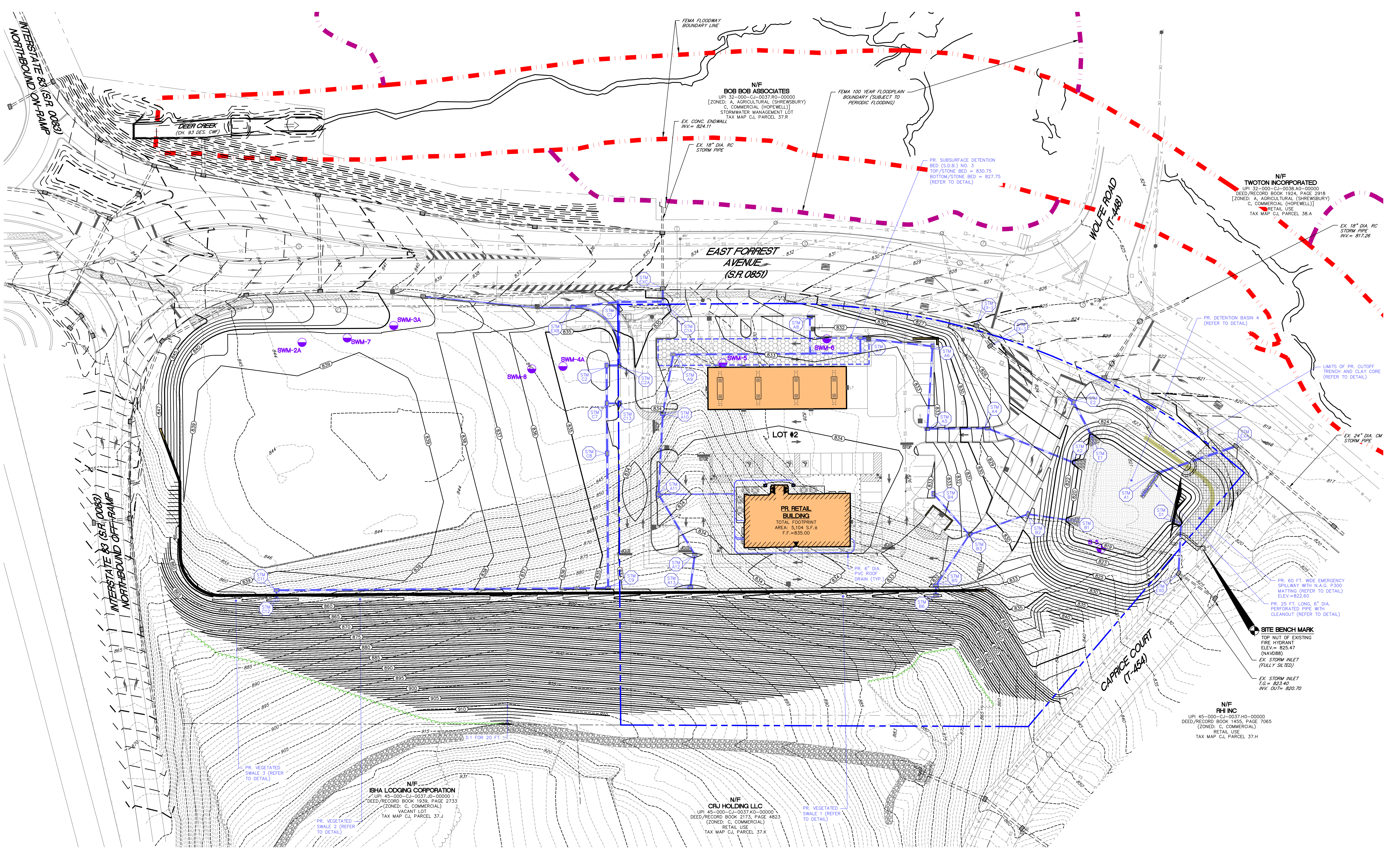
| NO. | DATE | REVISIONS | COMMENTS |
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SITE GRADING PLAN
FOR
TWO FARMS, INC.
732 EAST FOREST AVENUE
SHREWSBURY TOWNSHIP, YORK COUNTY, PENNSYLVANIA

| | |
|------------|----------------|
| SCALE | AS NOTED |
| DRAWN BY | CIF |
| CHECKED BY | AWA |
| CONTACT | AWA |
| DATE | 12.14.21 |
| FILE NAME | 9931B-FLD-LOT2 |
| JOB NO. | 9931B |
| SHEET NO. | C-5 |
| REV. | 2 |



GENERAL NOTES

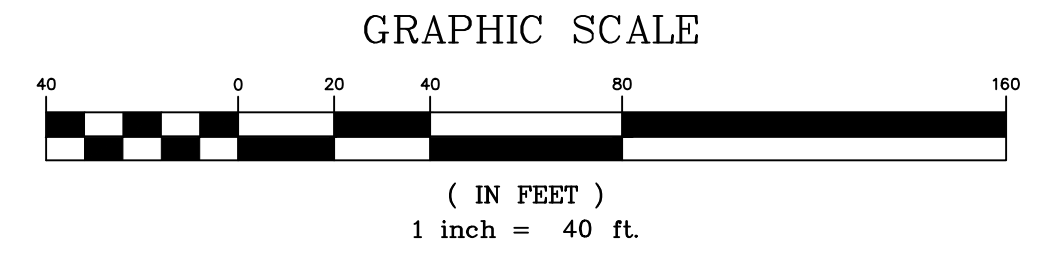
- SITE CONTRACTOR TO FIELD VERIFY ALL EXISTING UTILITY LOCATIONS, DEPTHS, AND CROSSINGS WITH PROPOSED UTILITIES AND OTHER SITE IMPROVEMENTS PRIOR TO INSTALLATION. THE SITE ENGINEER SHALL BE NOTIFIED IMMEDIATELY UPON ANY CONTACTS.
- COORDINATE BUILDING DOWNSPOUT LOCATIONS WITH ARCHITECTURAL DRAWINGS PRIOR TO START OF CONSTRUCTION. ANY DISCREPANCIES WITH LOCATIONS SHOWN HEREON SHALL BE BROUGHT TO THE ATTENTION OF THE CIVIL ENGINEER IMMEDIATELY.

**STORMWATER MANAGEMENT FACILITIES
CRITICAL STAGES INSPECTION NOTE**

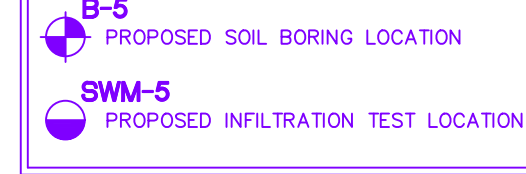
- A LICENSED PROFESSIONAL OR DESIGNER SHALL BE ON-SITE DURING INSTALLATION OF ALL PHASES OF THE CONSTRUCTION OF THE PROPOSED PERMANENT INFILTRATION/STORMWATER FACILITIES. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT THE LICENSED PROFESSIONAL OR DESIGNER A MINIMUM OF THREE (3) BUSINESS DAYS PRIOR TO THE BEGINNING OF EACH PHASE OF CONSTRUCTION OF SAID FACILITIES.

INLET WATER QUALITY TABLE

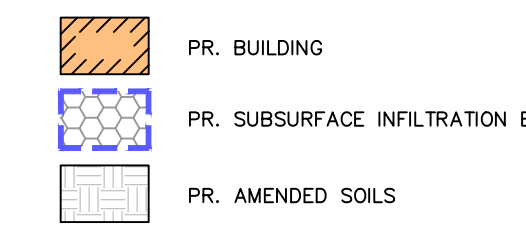
| INLET NUMBER | FILTERS AND SUMP ONLY | SUMPS ONLY |
|--------------|-----------------------|------------|
| A4 | NO | YES |
| A5 | NO | YES |
| A6 | YES | NO |
| A8 | YES | NO |
| A9 | YES | NO |
| A10 | YES | NO |
| S2 | NO | YES |
| C2 | NO | YES |
| C7 | NO | YES |
| E2 | NO | YES |



SOIL TEST LEGEND



HATCH LEGEND



SOIL INFILTRATION TEST RESULTS

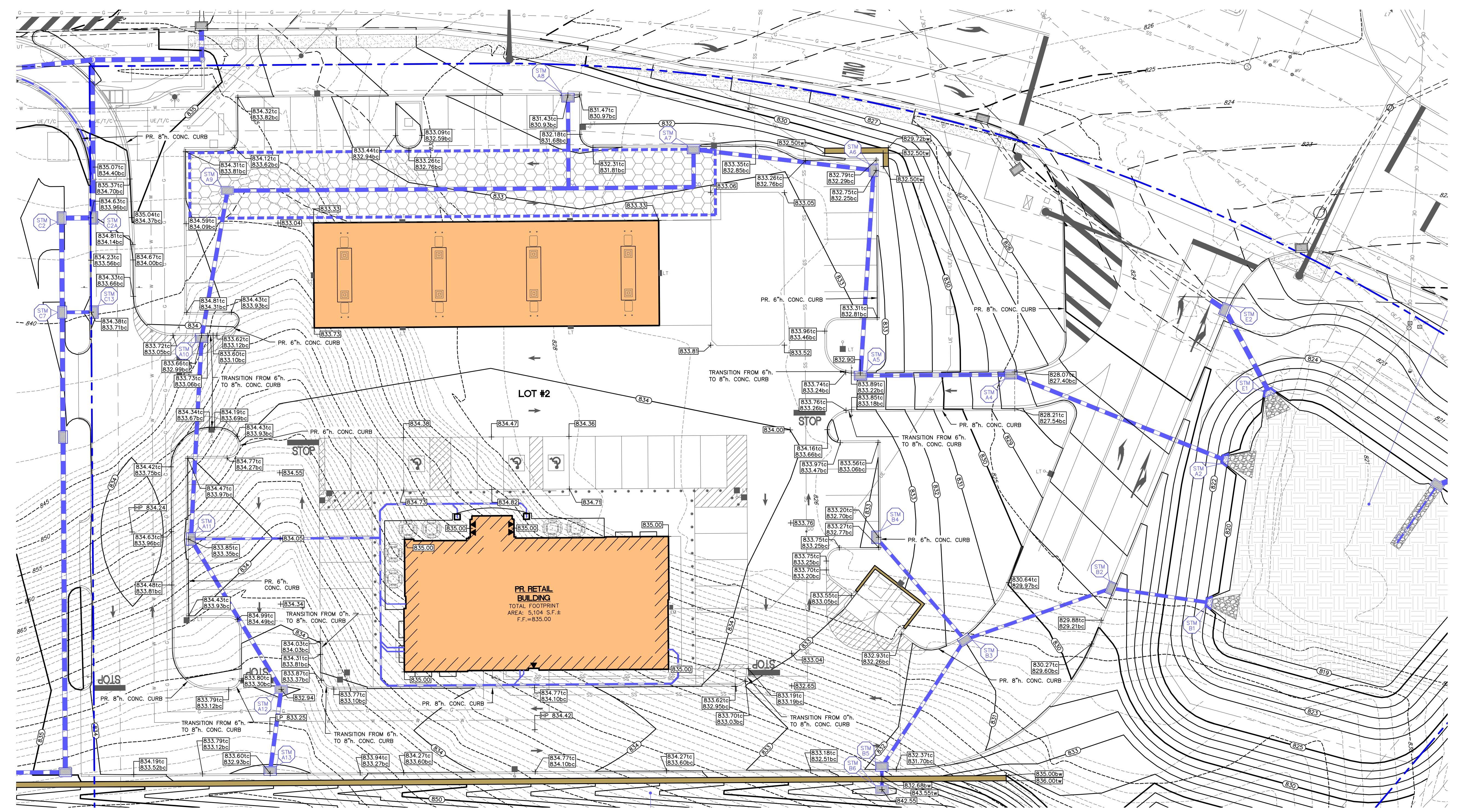
| TEST PIT NUMBER | EX. GRADE AT TEST | ELEVATION OF TEST | INFILTRATION RATE (W/SAFETY FACTOR) | COMMENTS |
|-----------------|-------------------|-------------------|-------------------------------------|----------|
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| SWM-6 | 827.00 | 825.00 | 5.9 IN./HR. | |

NOTE


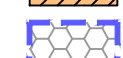

- PROPOSED IMPROVEMENTS SPECIFIED AT THE ROUTE 83 - EXIT 4 INTERCHANGE AND THOSE WITHIN THE EAST FOREST AVENUE RIGHT-OF-WAY ARE BASED UPON DRAWINGS FOR CONSTRUCTION, DATED 10/18/19, PREPARED BY GANNETT FLEMING.

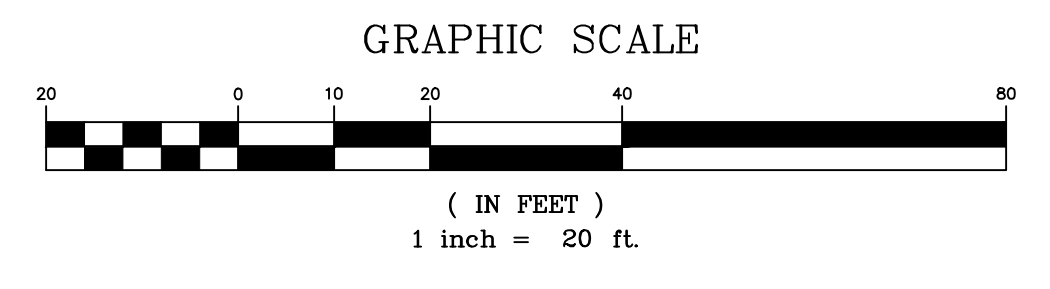
REFER TO APPROVED PENNDOT HIGHWAY OCCUPANCY PERMIT PLANS FOR CONSTRUCTION OF DRIVEWAY, SIDEWALK, AND ROADWAY IMPROVEMENTS ALONG EAST FOREST AVENUE, WOLFE ROAD, AND EXIT 4 PREPARED BY TRAFFIC PLANNING AND DESIGN, INC.

AS SHOWN (METERS)



HATCH LEGEND

-  PR. BUILDING
-  PR. SUBSURFACE INFILTRATION BED
-  PR. AMENDED SOILS



NOTE
 1. PROPOSED IMPROVEMENTS DEPICTED AT THE ROUTE 83 - EXIT 4 INTERCHANGE AND THOSE WITHIN THE EAST FORREST AVENUE RIGHT-OF-WAY ARE BASED UPON DRAWINGS FOR CONSTRUCTION, DATED 10/18/16, PREPARED BY GANNETT FLEMING.

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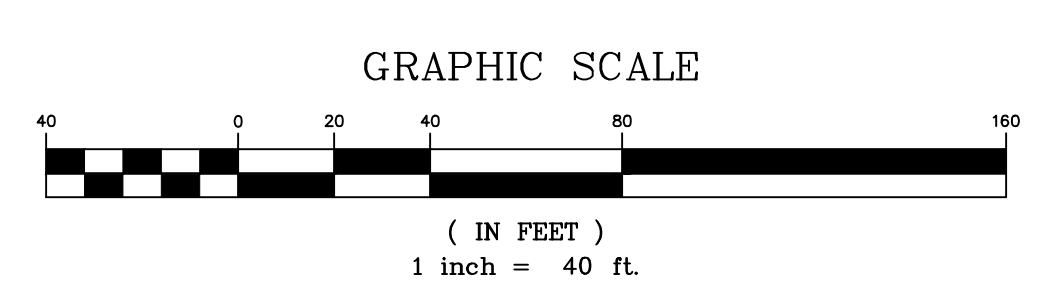
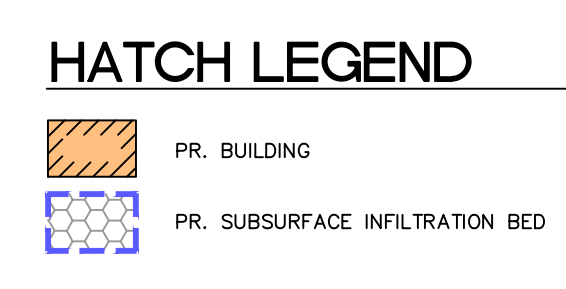
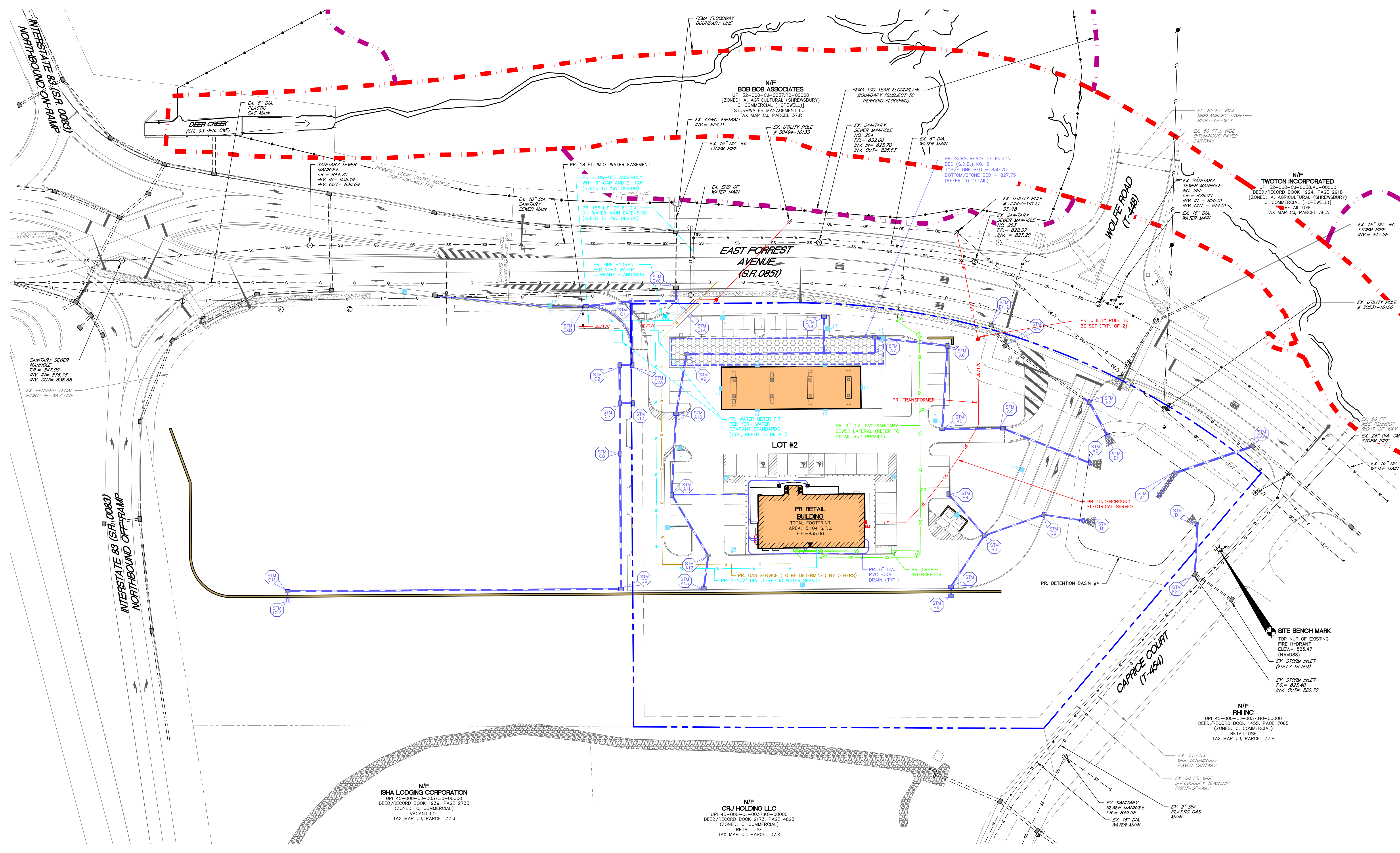
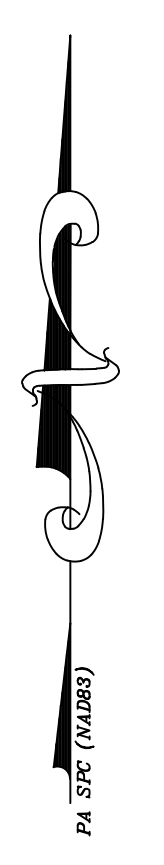
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ENLARGED SITE GRADING PLAN
 PROPOSED REDEVELOPMENT
 FOR
TWO FARMS, INC.
 732 EAST FORREST AVENUE
 SHREWSBURY TOWNSHIP, YORK COUNTY, PENNSYLVANIA

| | |
|------------|-----------------|
| SCALE | AS NOTED |
| DRAWN BY | CIF |
| CHECKED BY | AWA |
| CONTACT | AWA |
| DATE | 12.14.21 |
| FILE NAME | 993.1B-FLD-LOT2 |
| JOB NO. | 993.1B |
| SHEET NO. | 2 |



NOTE
1. PROPOSED IMPROVEMENTS DEPICTED AT THE ROUTE 83 - EXIT 4 INTERCHANGE AND THOSE WITHIN THE EAST FOREST AVENUE RIGHT-OF-WAY ARE BASED UPON DRAWINGS FOR CONSTRUCTION, DATED 10/16/16, PREPARED BY GANNETT FLEMING.

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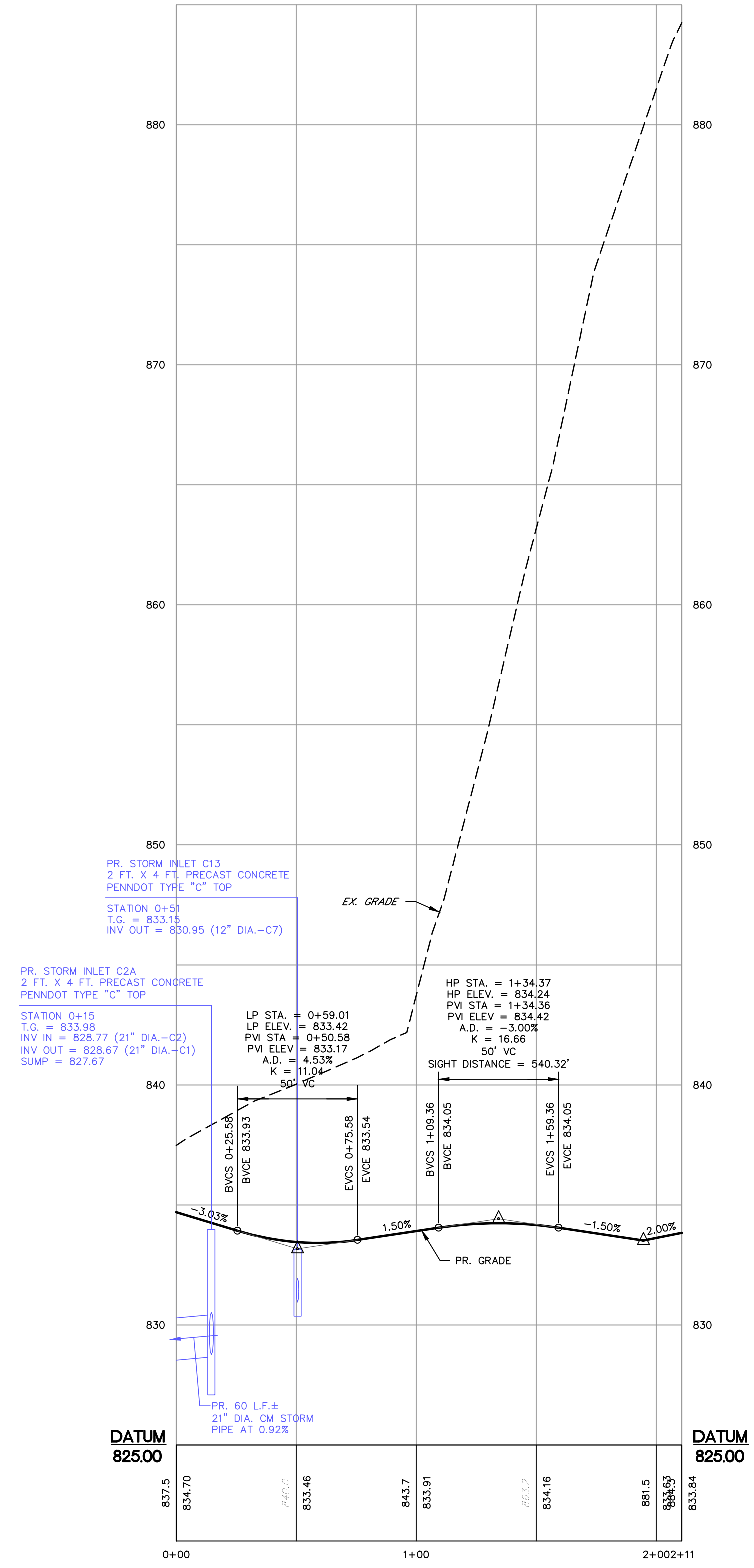


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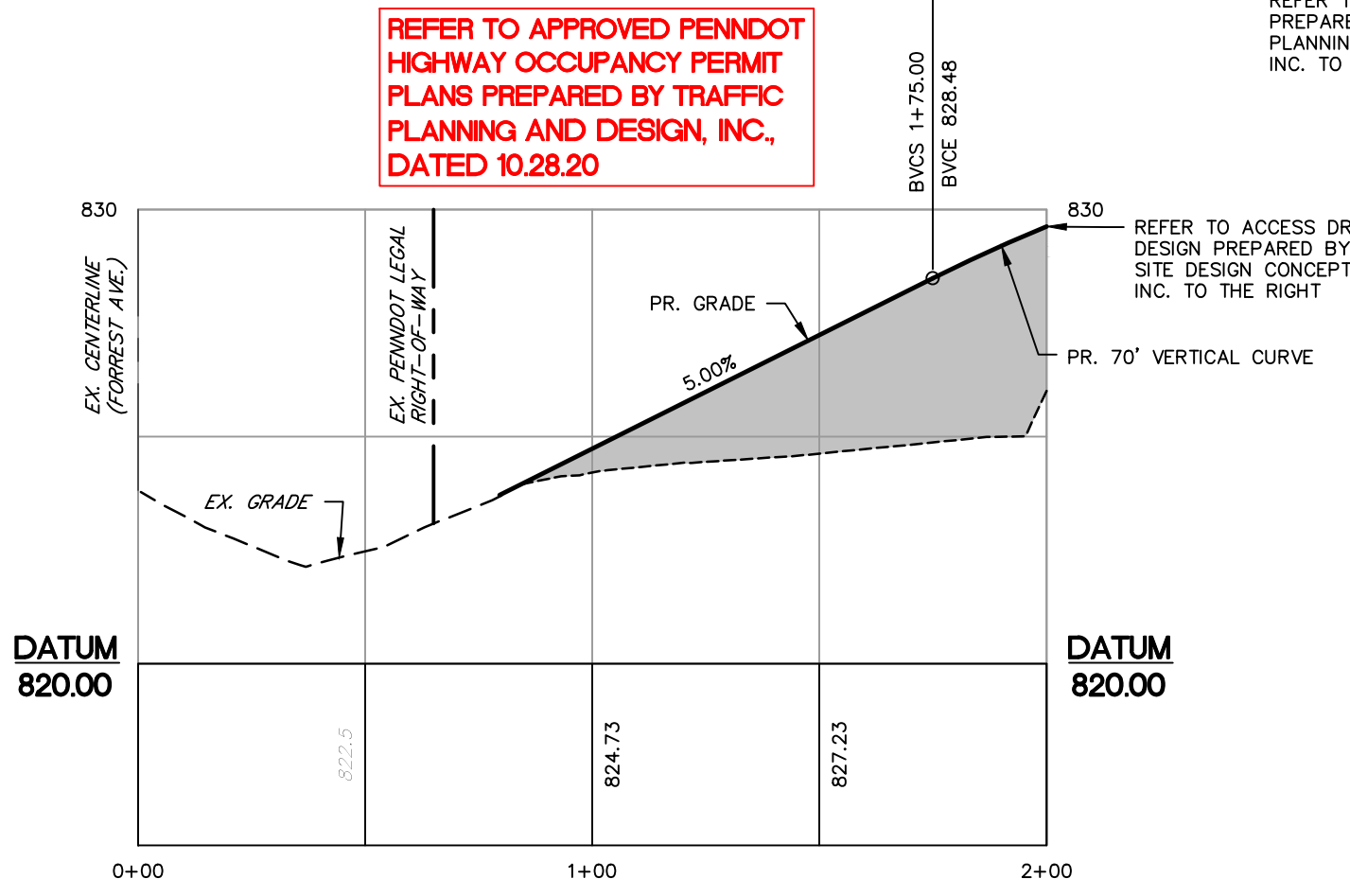
SITE UTILITY PLAN
FOR
TWO FARMS, INC.
732 EAST FOREST AVENUE
SHREWSBURY TOWNSHIP, YORK COUNTY, PENNSYLVANIA

| | |
|------------|-----------------|
| SCALE | AS NOTED |
| DRAWN BY | CIF |
| CHECKED BY | AWA |
| CONTACT | AWA |
| DATE | 12.14.21 |
| FILE NAME | 993.1B-FLD-LOT2 |
| JOB NO. | 993.1B |
| SHEET NO. | C-7 |
| REV. | 2 |

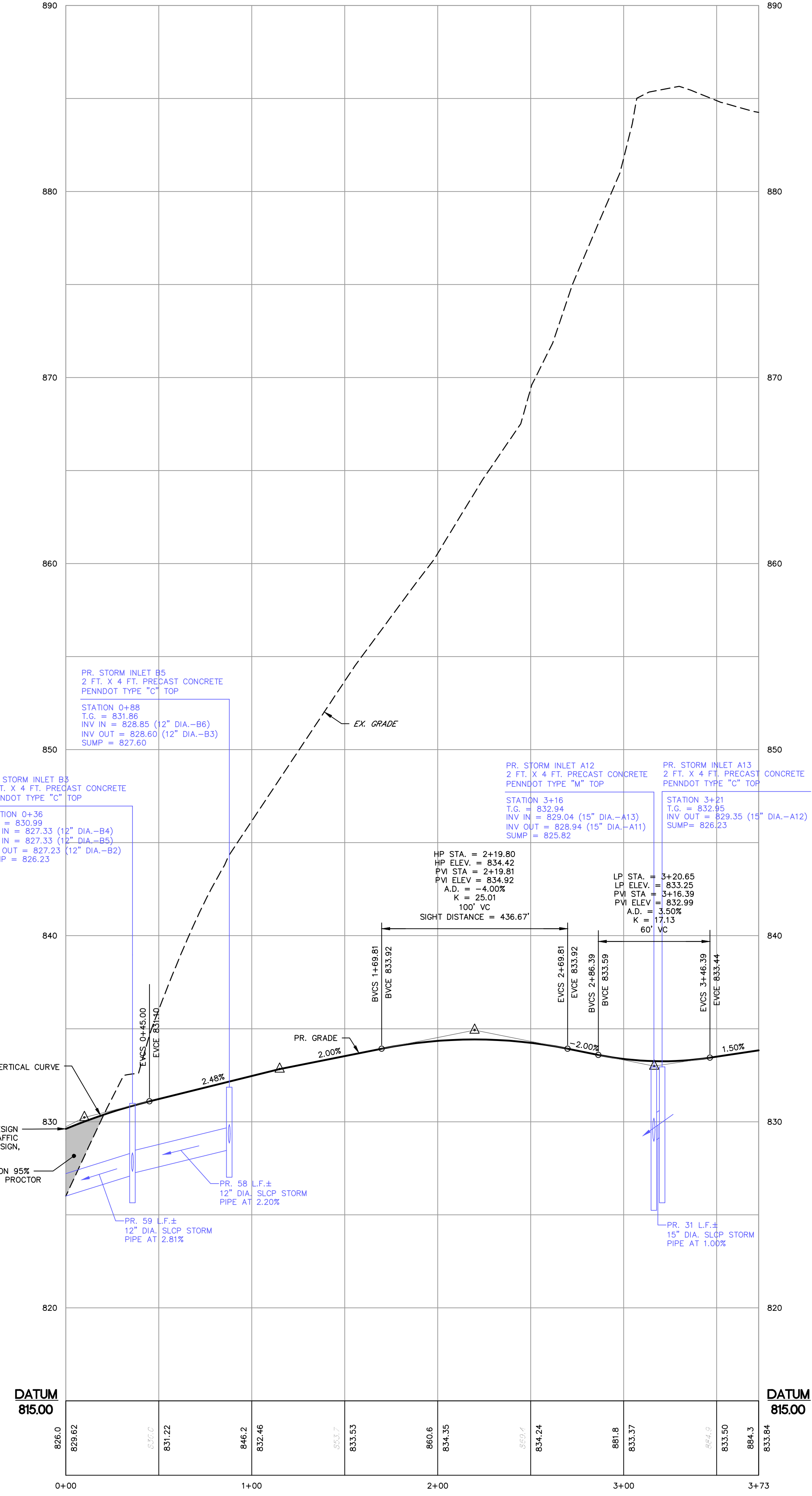
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WESTERN ACCESS
HORIZONTAL SCALE: 1" = 40'
VERTICAL SCALE: 1" = 4'



HOP EASTERN ENTRANCE
HORIZONTAL SCALE: 1" = 40'
VERTICAL SCALE: 1" = 4'



EASTERN ACCESS
HORIZONTAL SCALE: 1" = 40'
VERTICAL SCALE: 1" = 4'

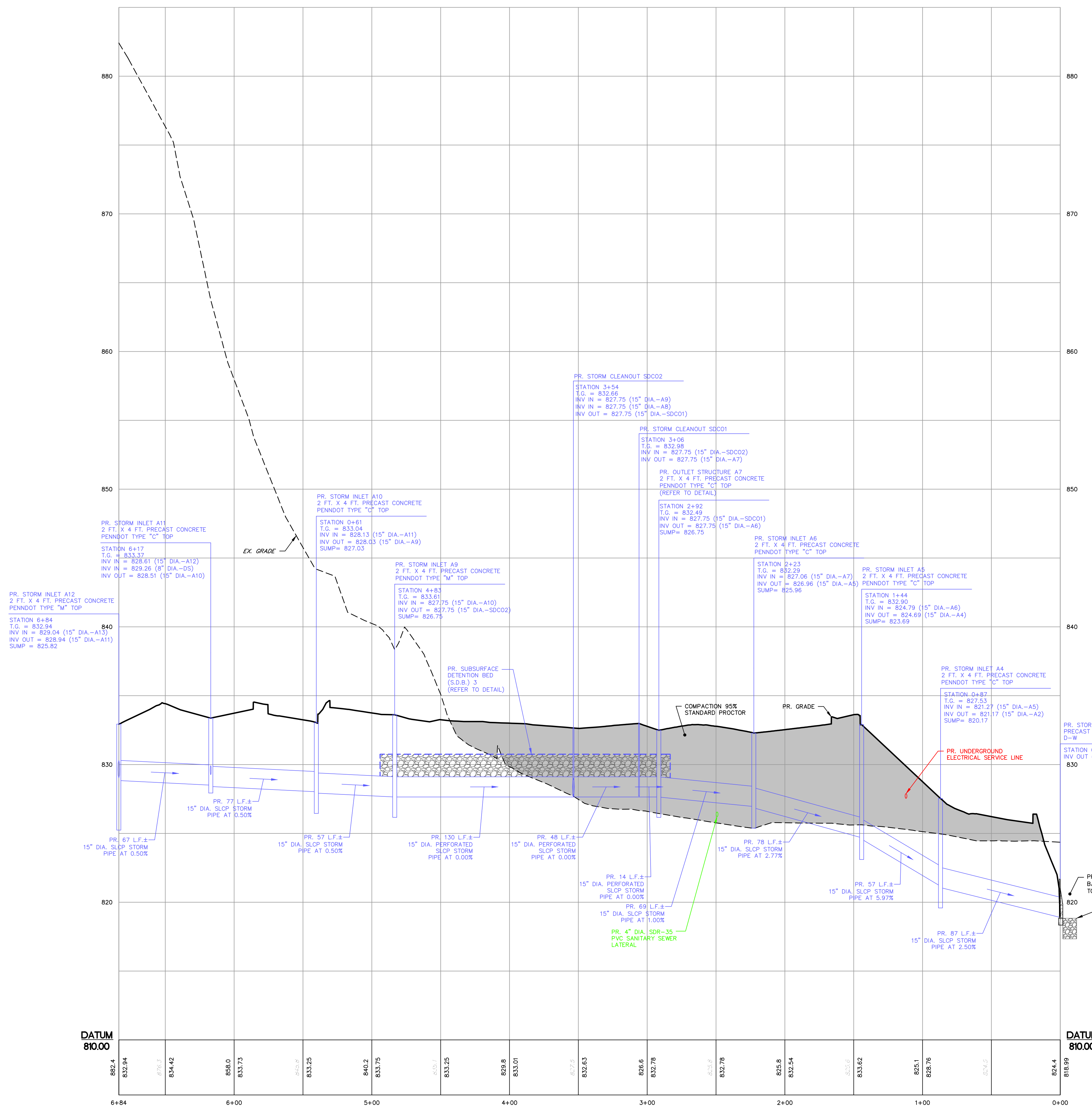
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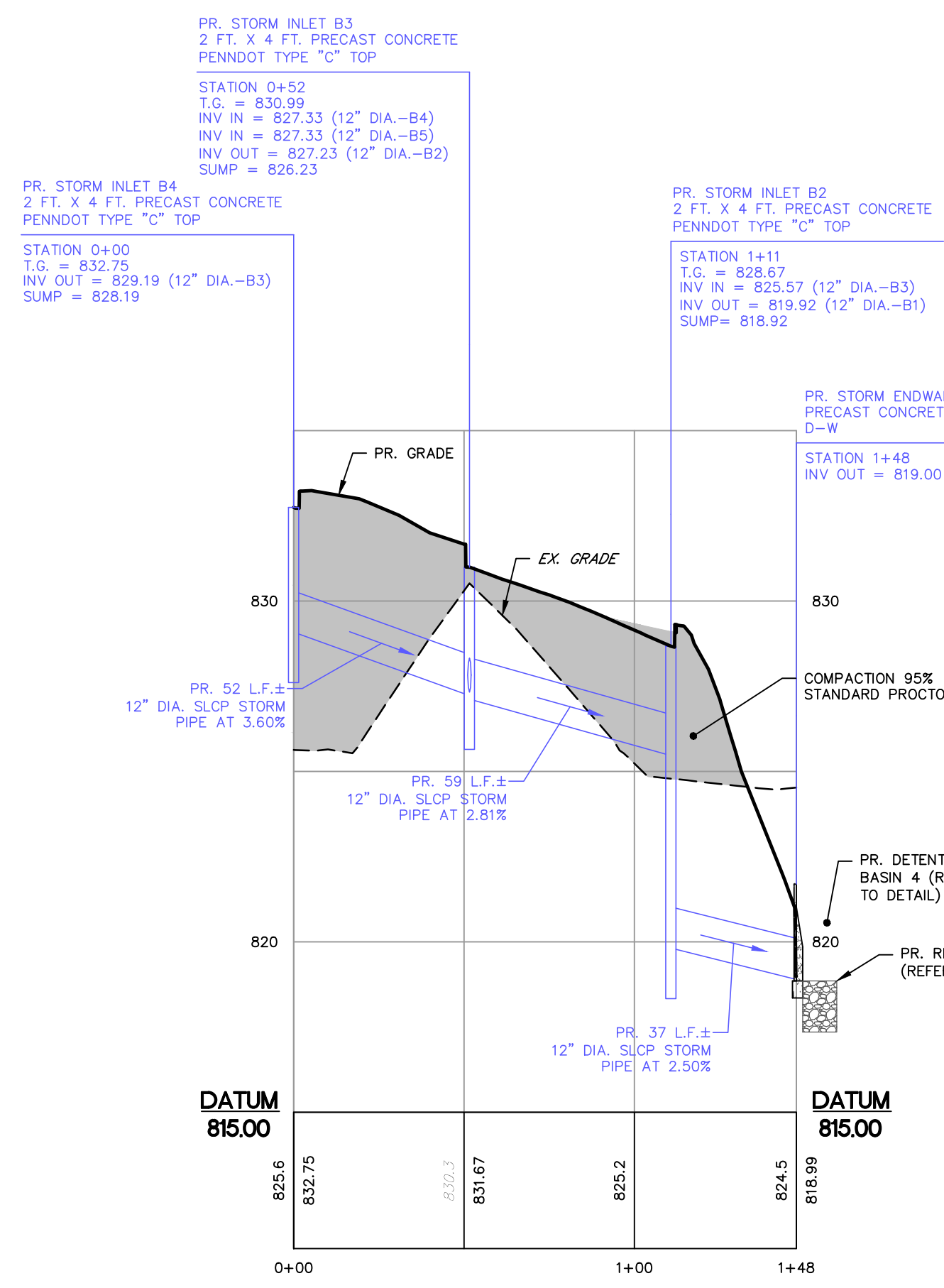
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SITE ACCESS PROFILES
PROJECT: PROPOSED REDEVELOPMENT FOR TWO FARMS, INC.
732 EAST FOREST AVENUE
SHREWSBURY TOWNSHIP, YORK COUNTY, PENNSYLVANIA

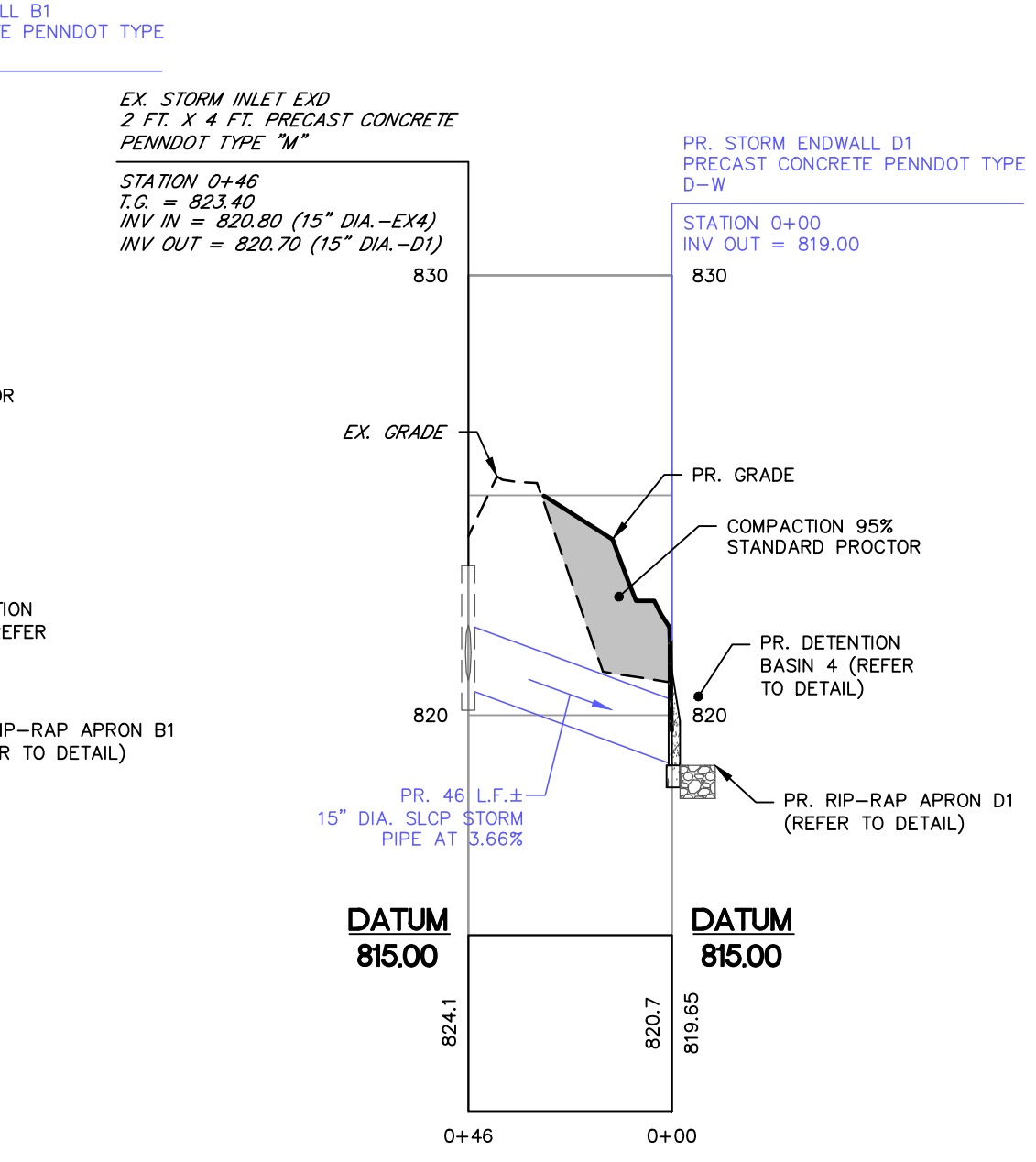
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| SCALE | AS NOTED |
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| CONTACT | AWA |
| DATE | 12.14.21 |
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| SHEET NO. | C-9 |
| REV. | 2 |



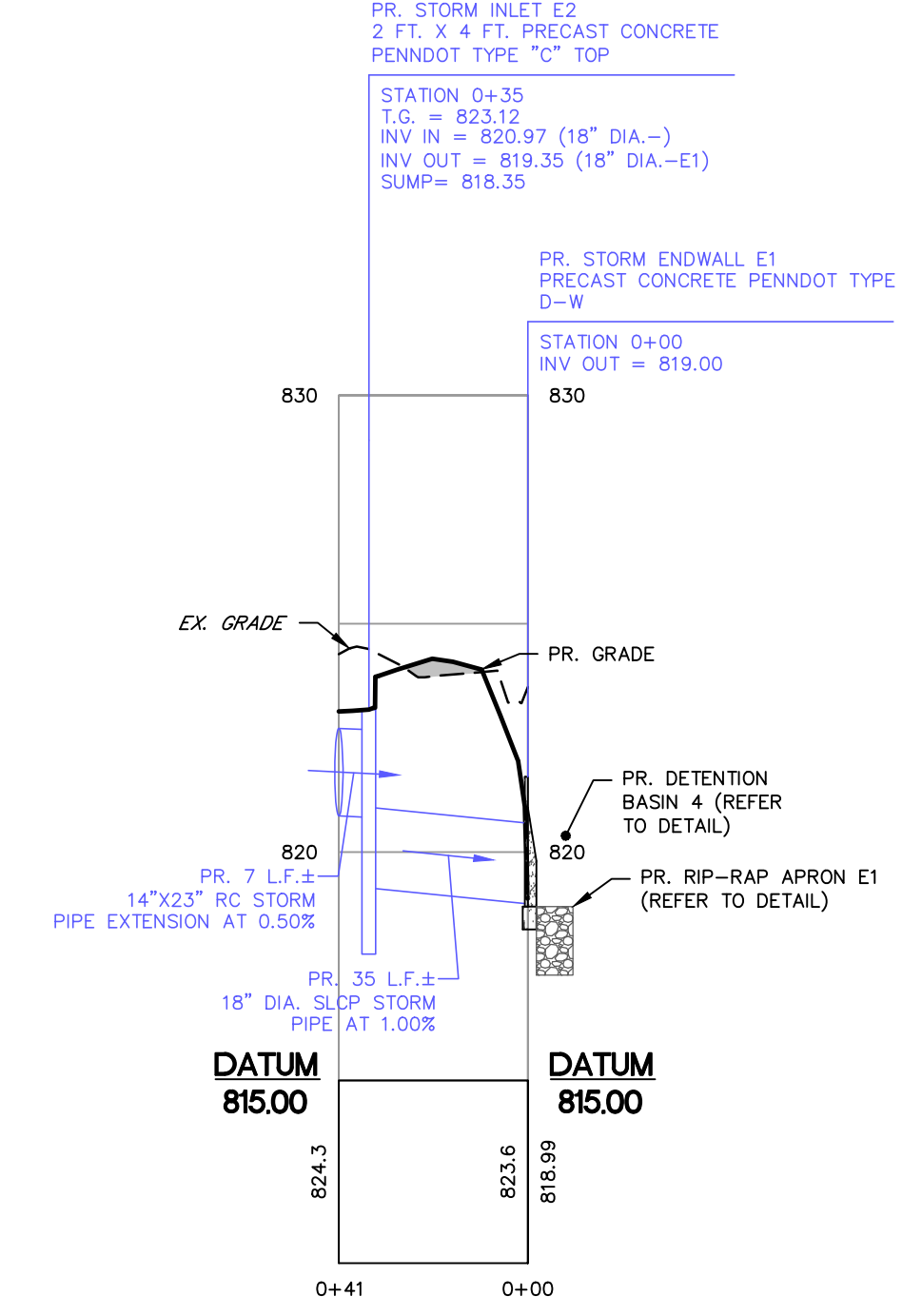
**PR. STORM SEWER PROFILE
INLET A12 TO ENDWALL A2**
HORIZONTAL SCALE: 1" = 40'
VERTICAL SCALE: 1" = 4'



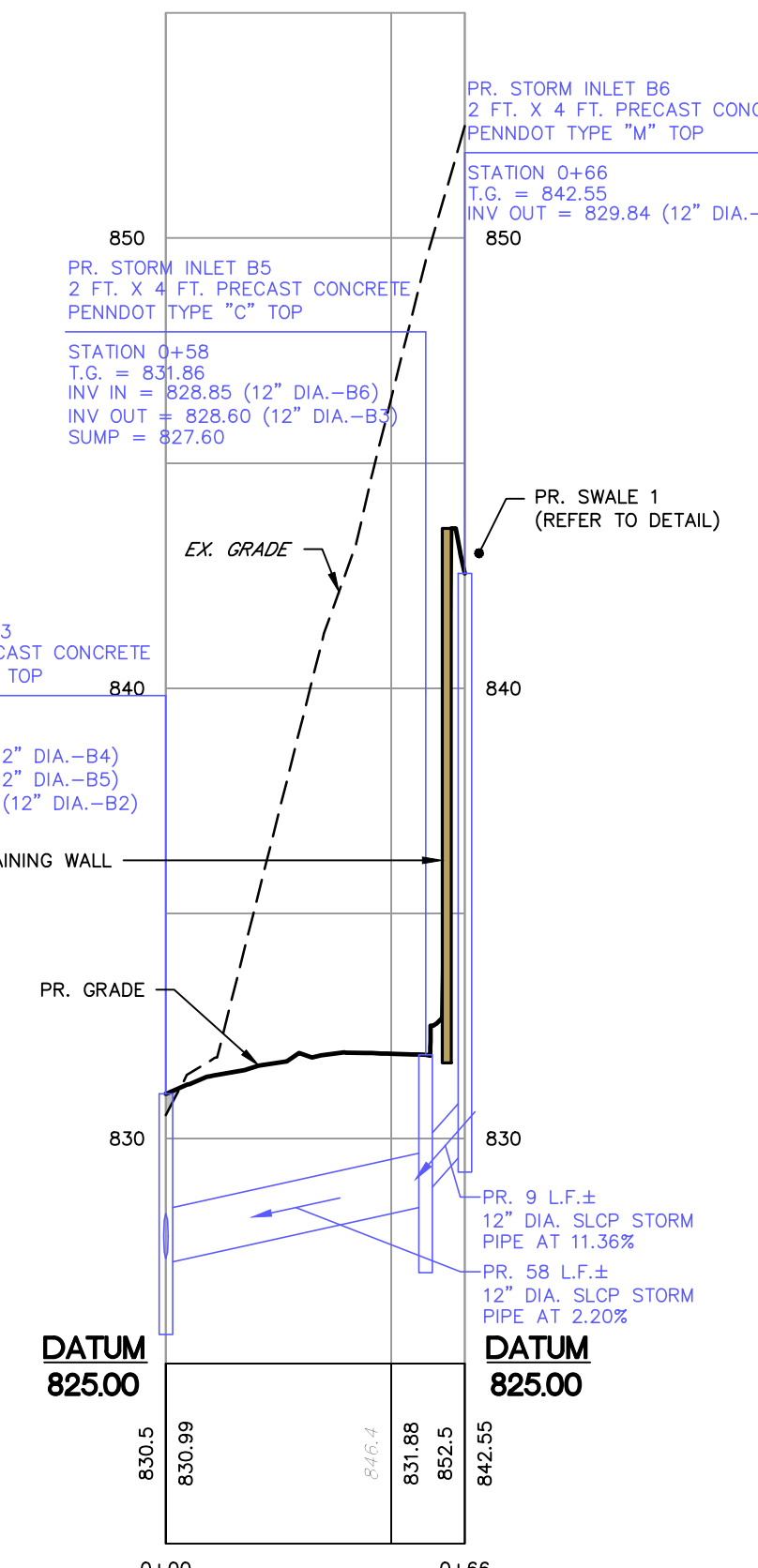
**PR. STORM SEWER PROFILE
INLET B4 TO ENDWALL B1**
HORIZONTAL SCALE: 1" = 40'
VERTICAL SCALE: 1" = 4'



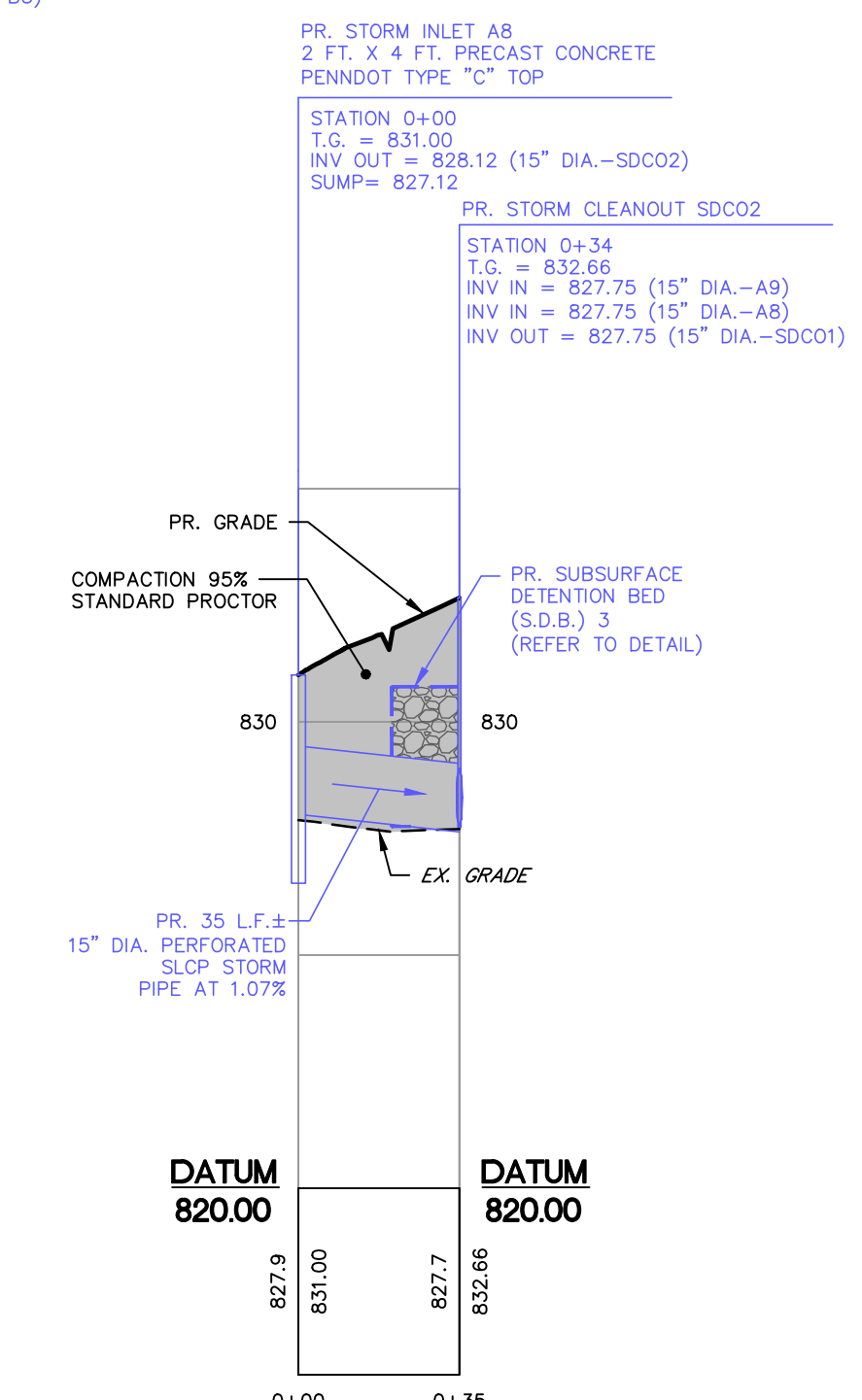
**PR. STORM SEWER PROFILE
INLET EXD TO ENDWALL D1**
HORIZONTAL SCALE: 1" = 40'
VERTICAL SCALE: 1" = 4'



**PR. STORM SEWER PROFILE
INLET E2 TO ENDWALL E1**
HORIZONTAL SCALE: 1" = 40'
VERTICAL SCALE: 1" = 4'



**PR. STORM SEWER PROFILE
INLET B3 TO INLET B6**
HORIZONTAL SCALE: 1" = 40'
VERTICAL SCALE: 1" = 4'



**PR. STORM SEWER PROFILE
INLET A8 TO SDC02**
HORIZONTAL SCALE: 1" = 40'
VERTICAL SCALE: 1" = 4'

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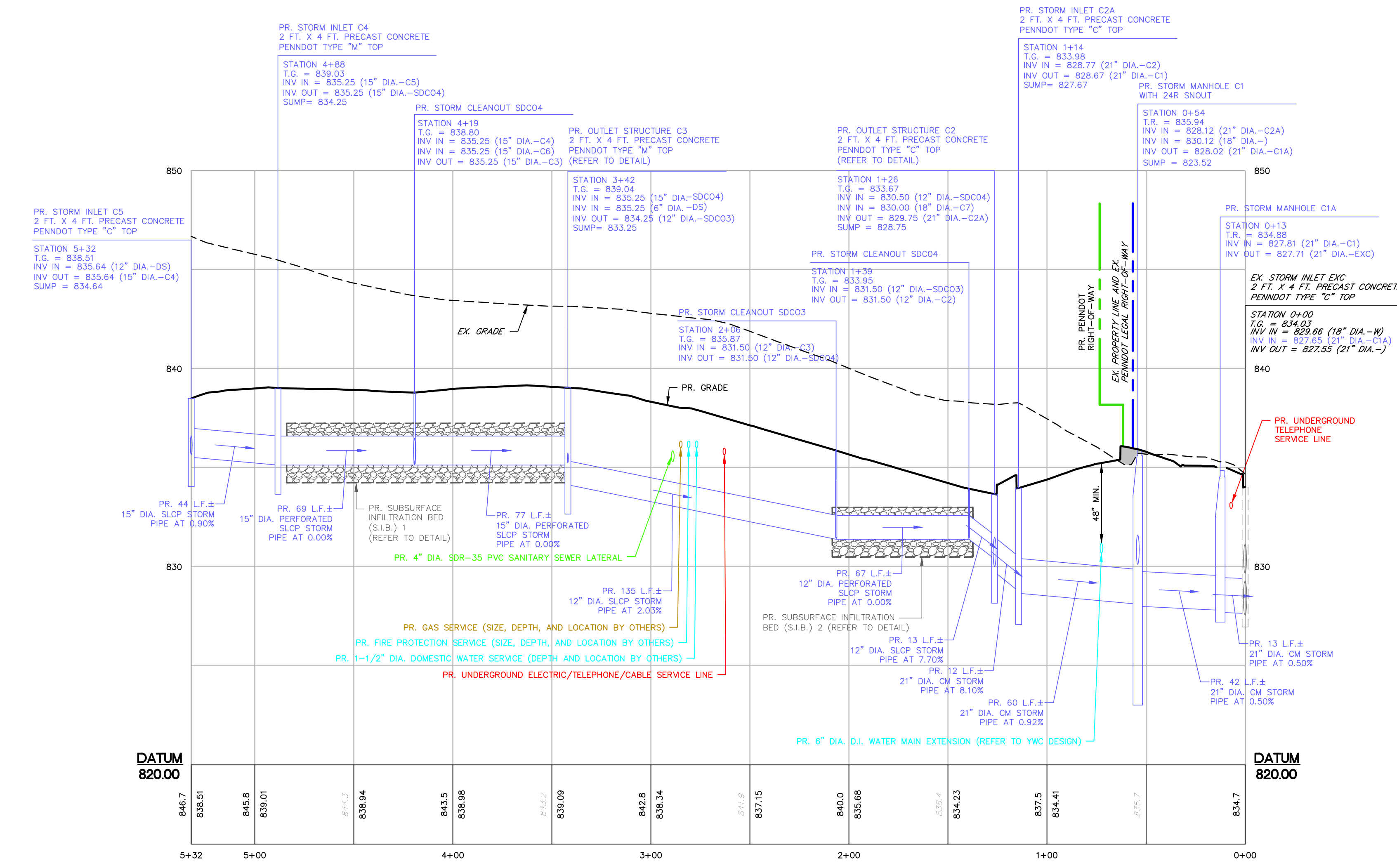


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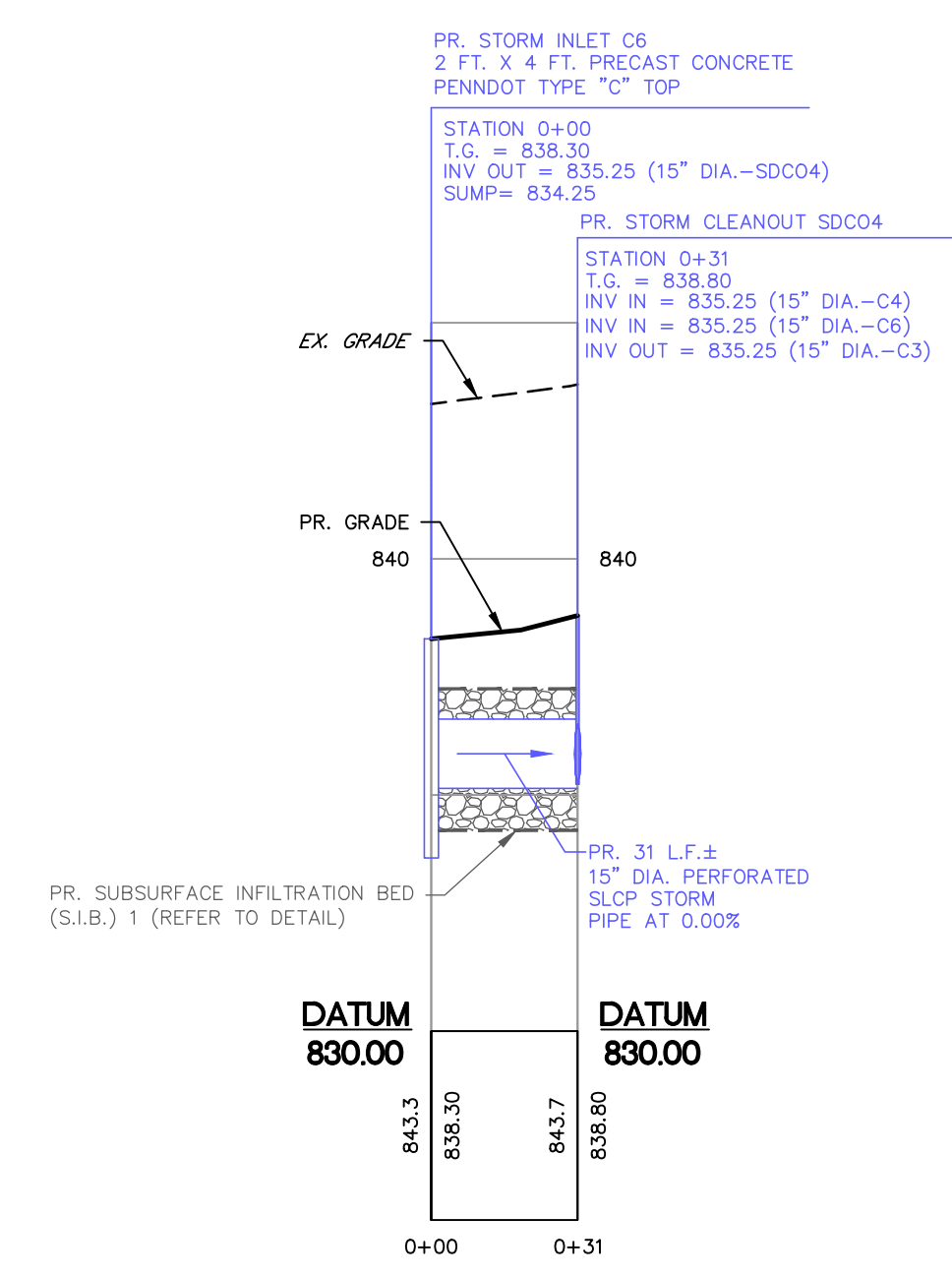
STORM SEWER PROFILES
PROPOSED REDEVELOPMENT
FOR
TWO FARMS, INC.
732 EAST FOREST AVENUE
SHREWSBURY TOWNSHIP, YORK COUNTY, PENNSYLVANIA

| | |
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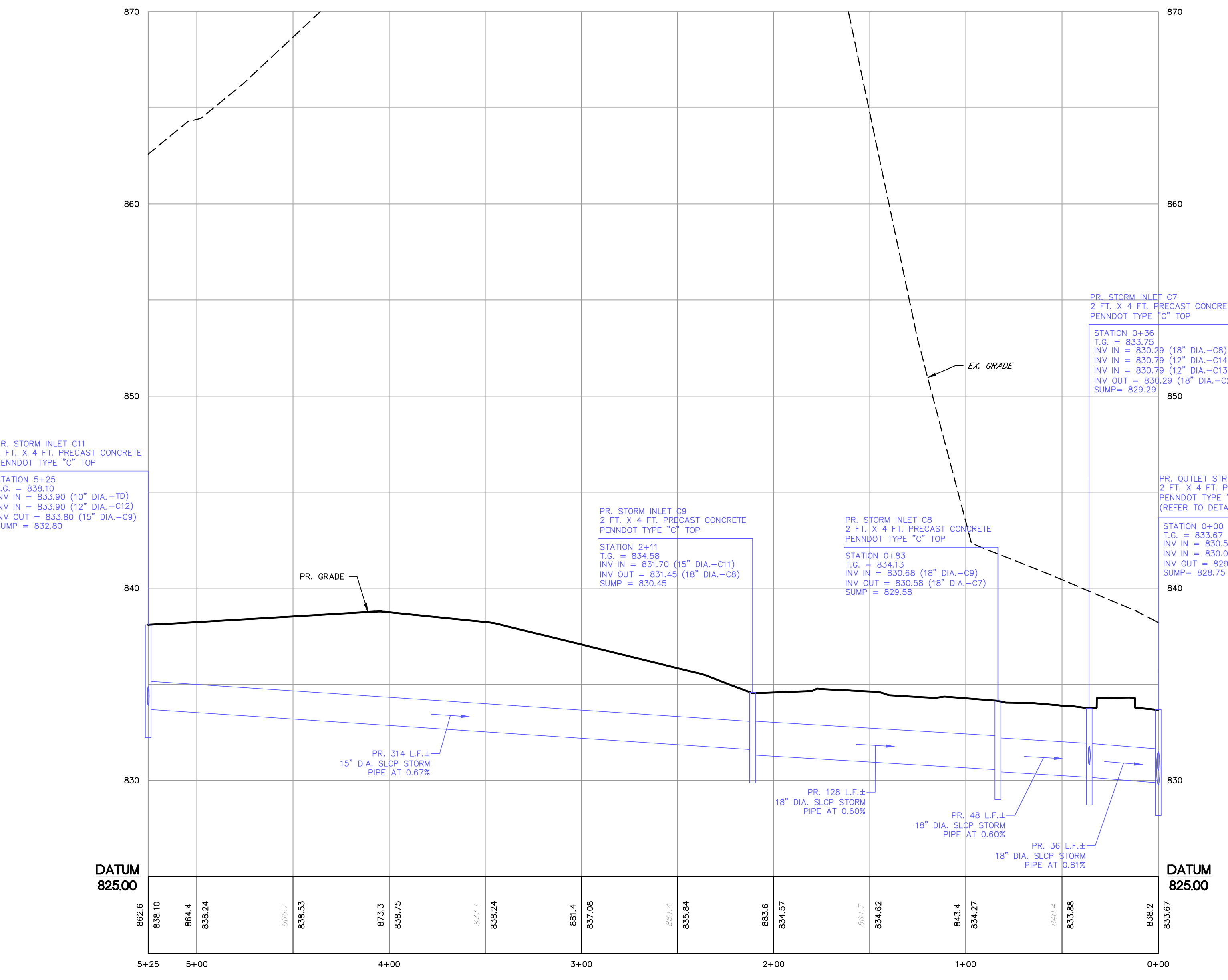
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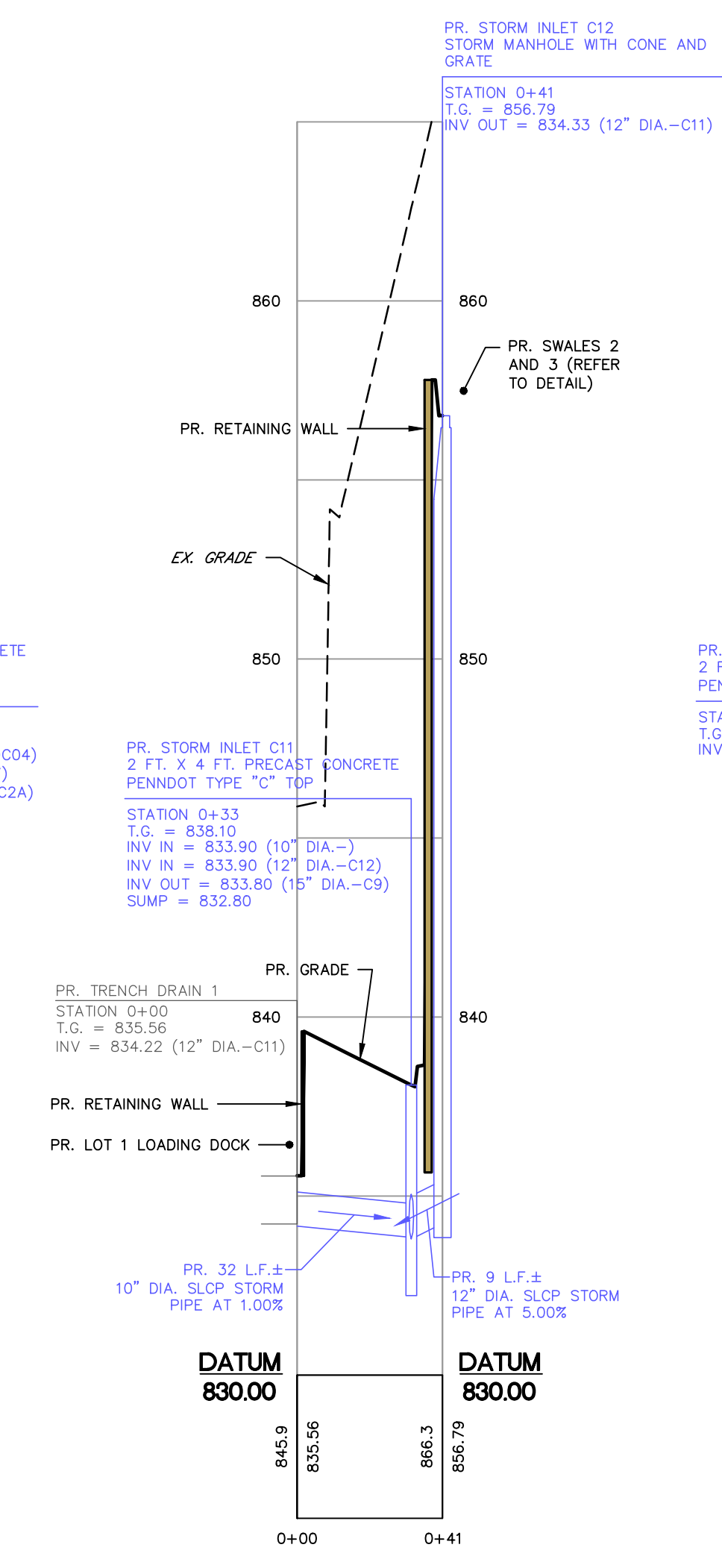
**PR. STORM SEWER PROFILE
INLET C5 TO EXISTING INLET EXC**
HORIZONTAL SCALE: 1" = 40'
VERTICAL SCALE: 1" = 4'



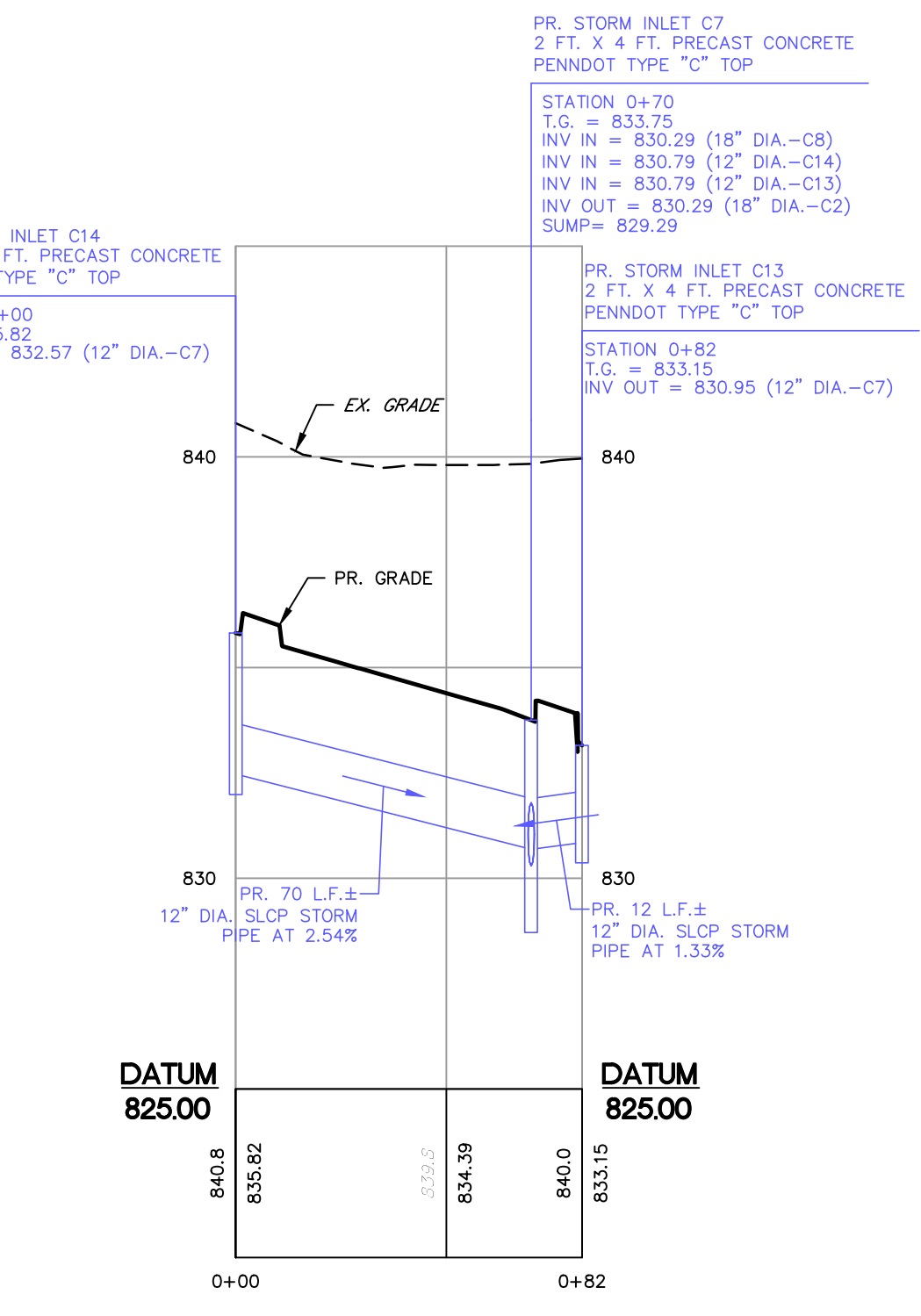
**PR. STORM SEWER PROFILE
INLET C6 TO SDC04**
HORIZONTAL SCALE: 1" = 40'
VERTICAL SCALE: 1" = 4'



**PR. STORM SEWER PROFILE
INLET C11 TO INLET C2**
HORIZONTAL SCALE: 1" = 40'
VERTICAL SCALE: 1" = 4'



**PR. STORM SEWER PROFILE
TRENCH DRAIN TO MANHOLE C12**
HORIZONTAL SCALE: 1" = 40'
VERTICAL SCALE: 1" = 4'



**PR. STORM SEWER PROFILE
INLET C14 TO INLET C13**
HORIZONTAL SCALE: 1" = 40'
VERTICAL SCALE: 1" = 4'

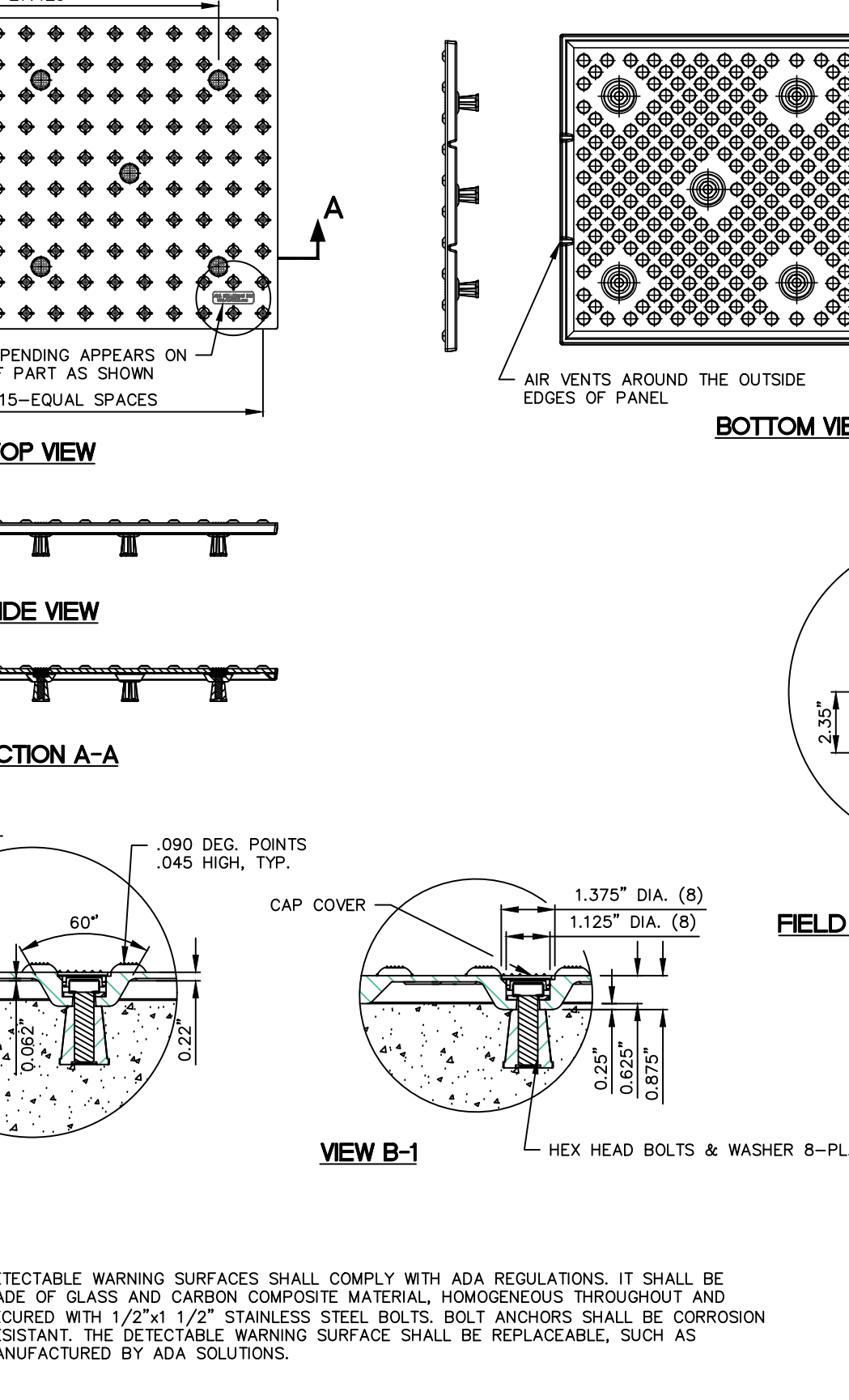
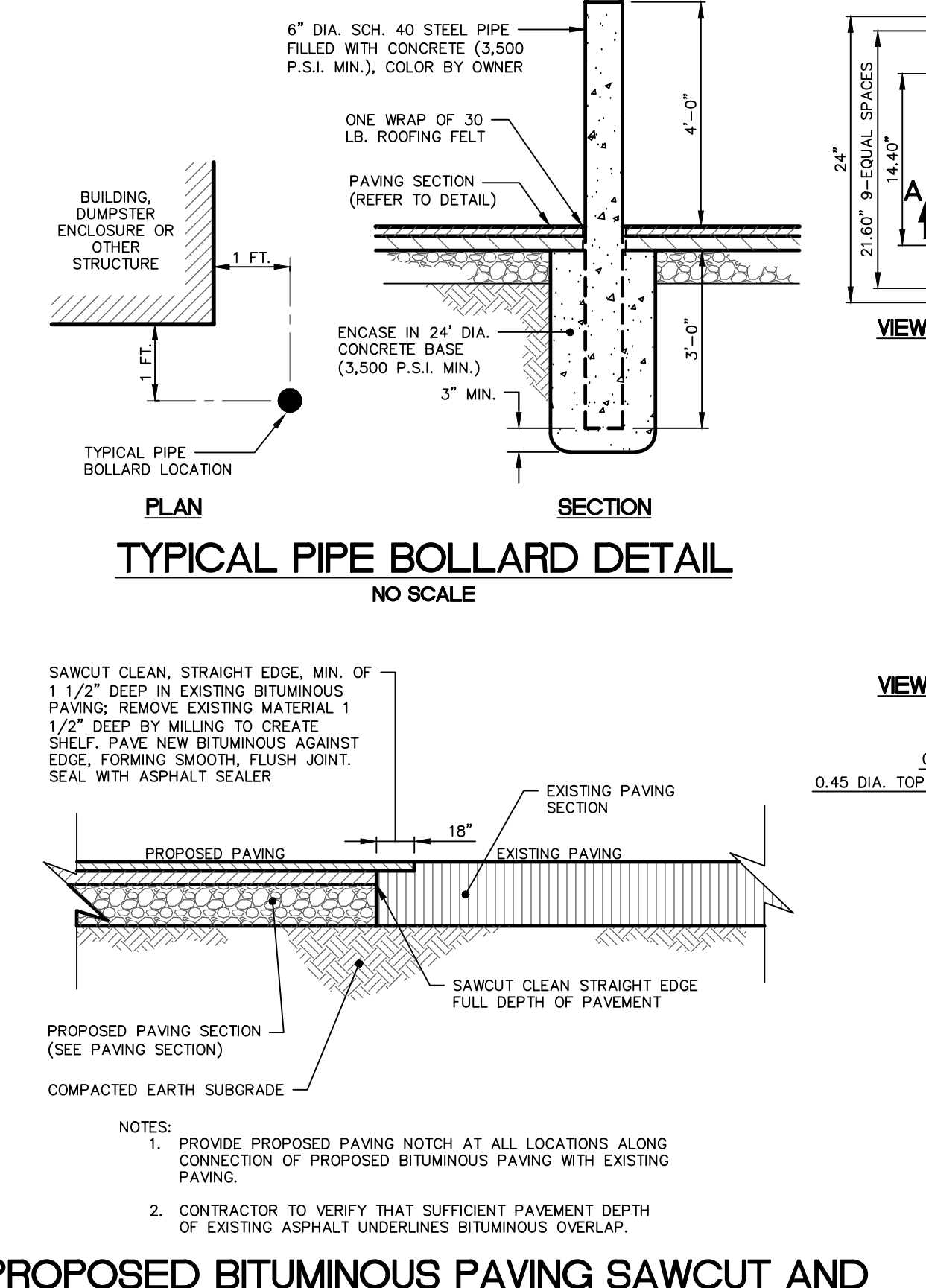
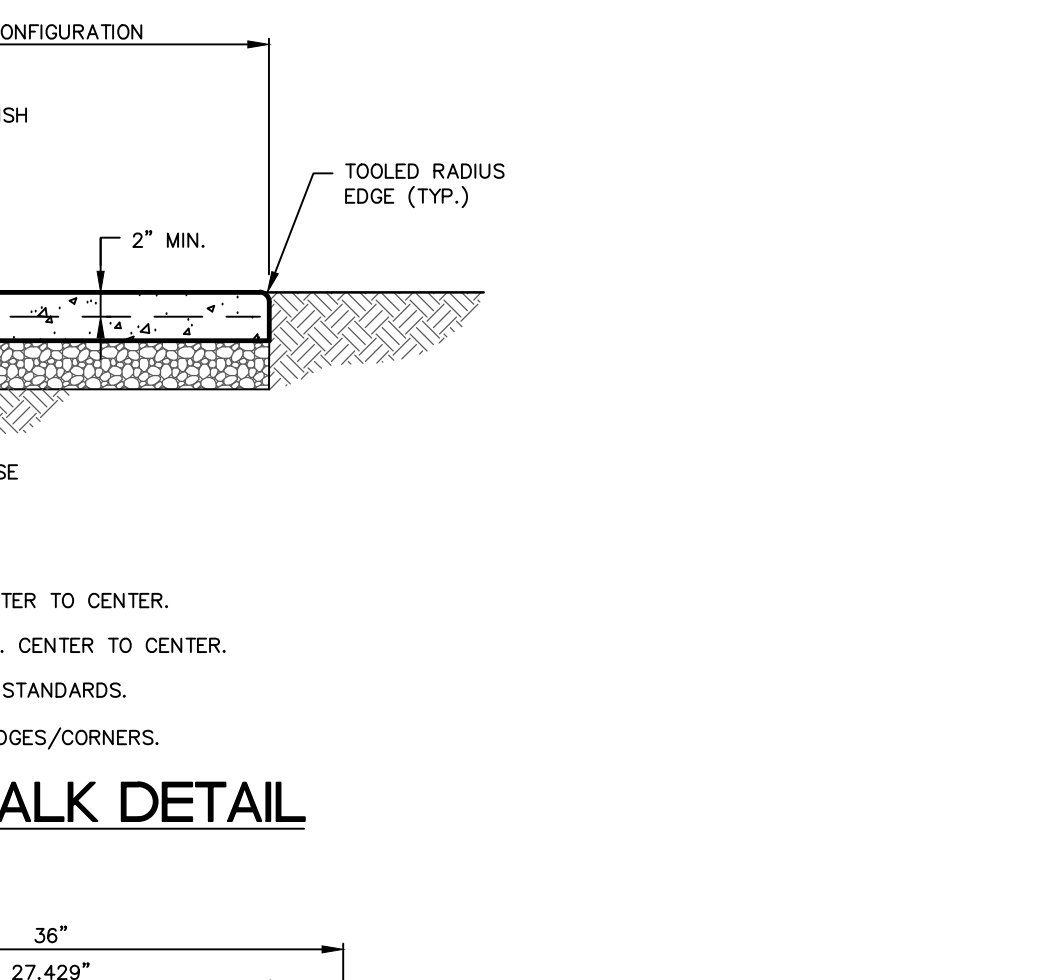
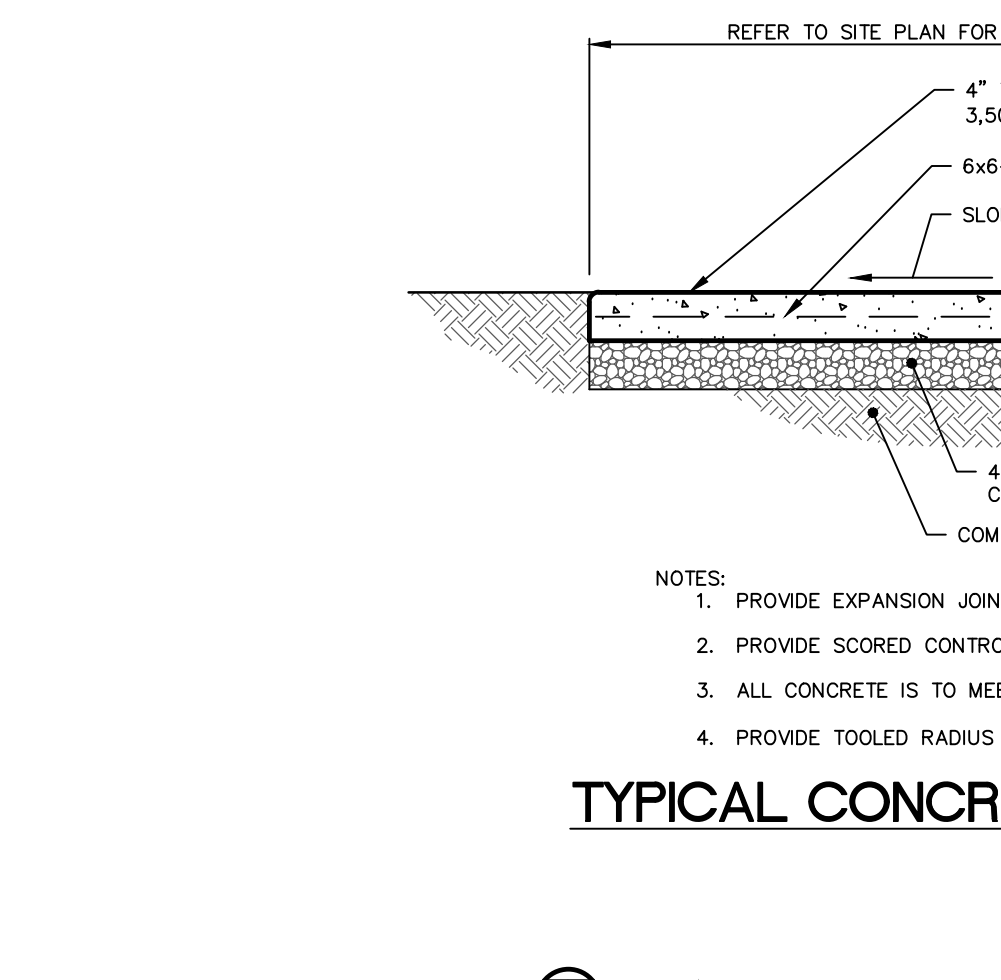
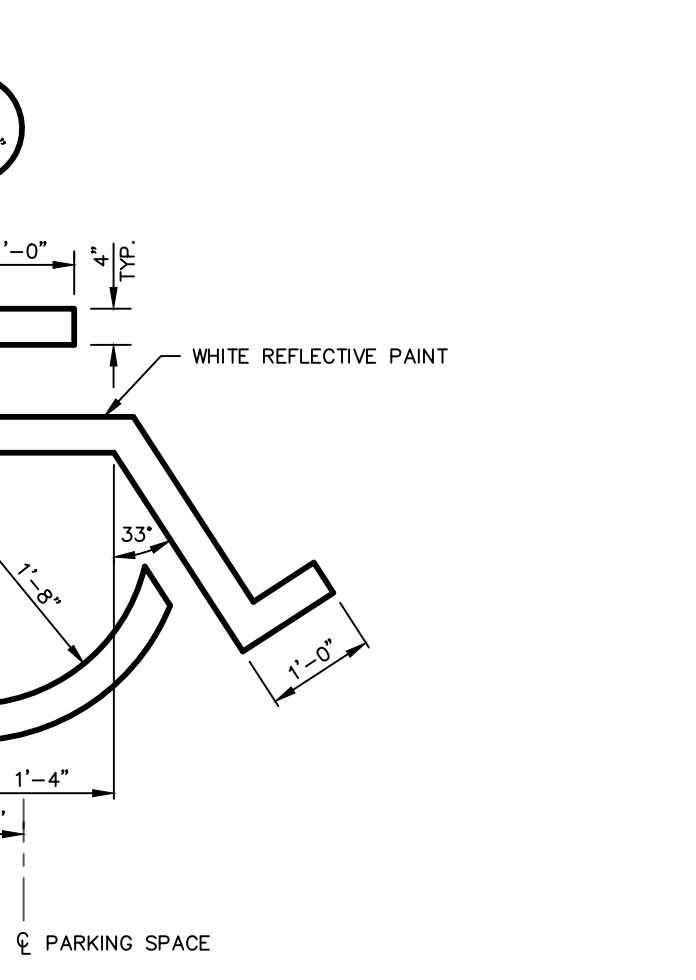
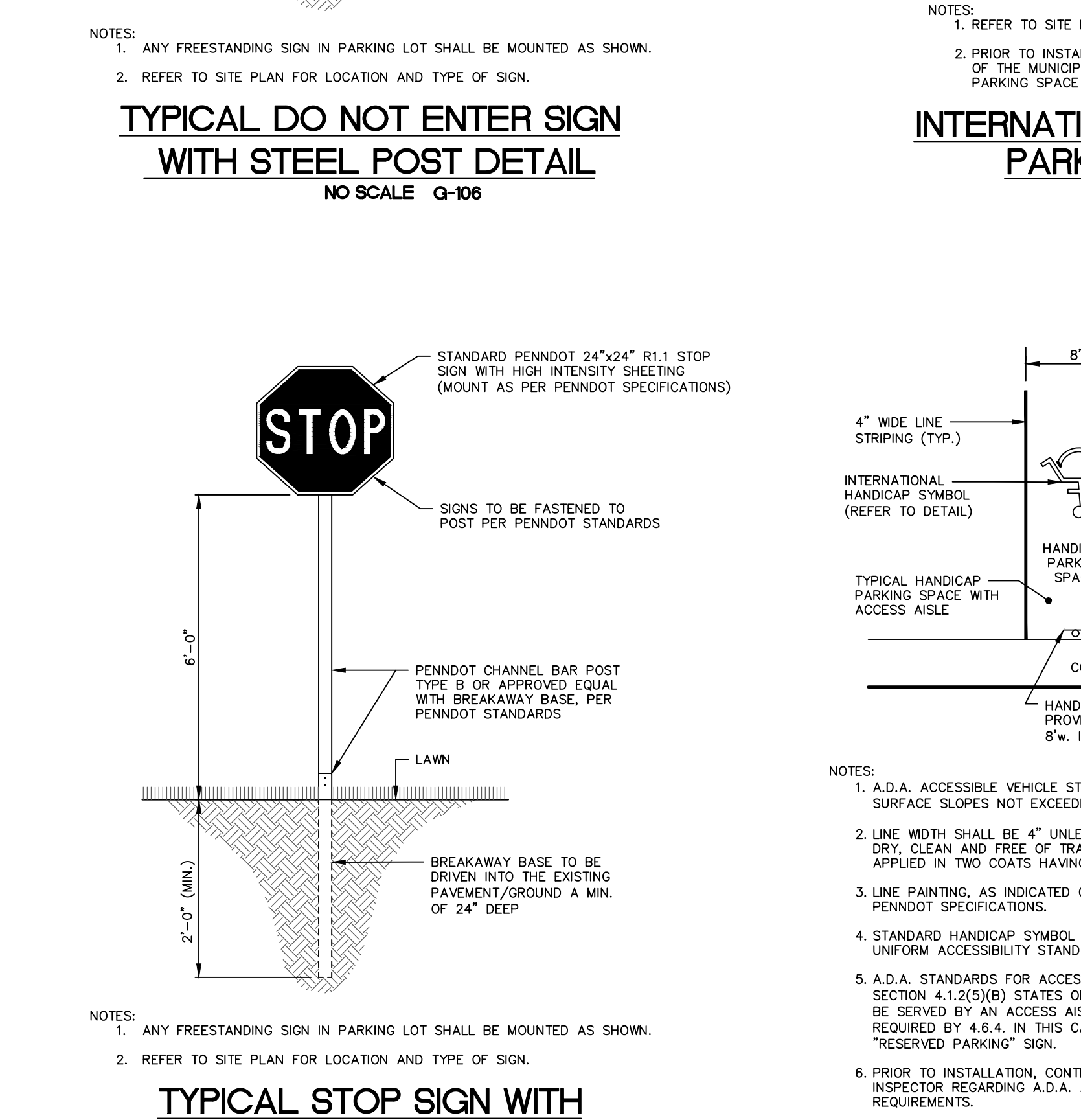
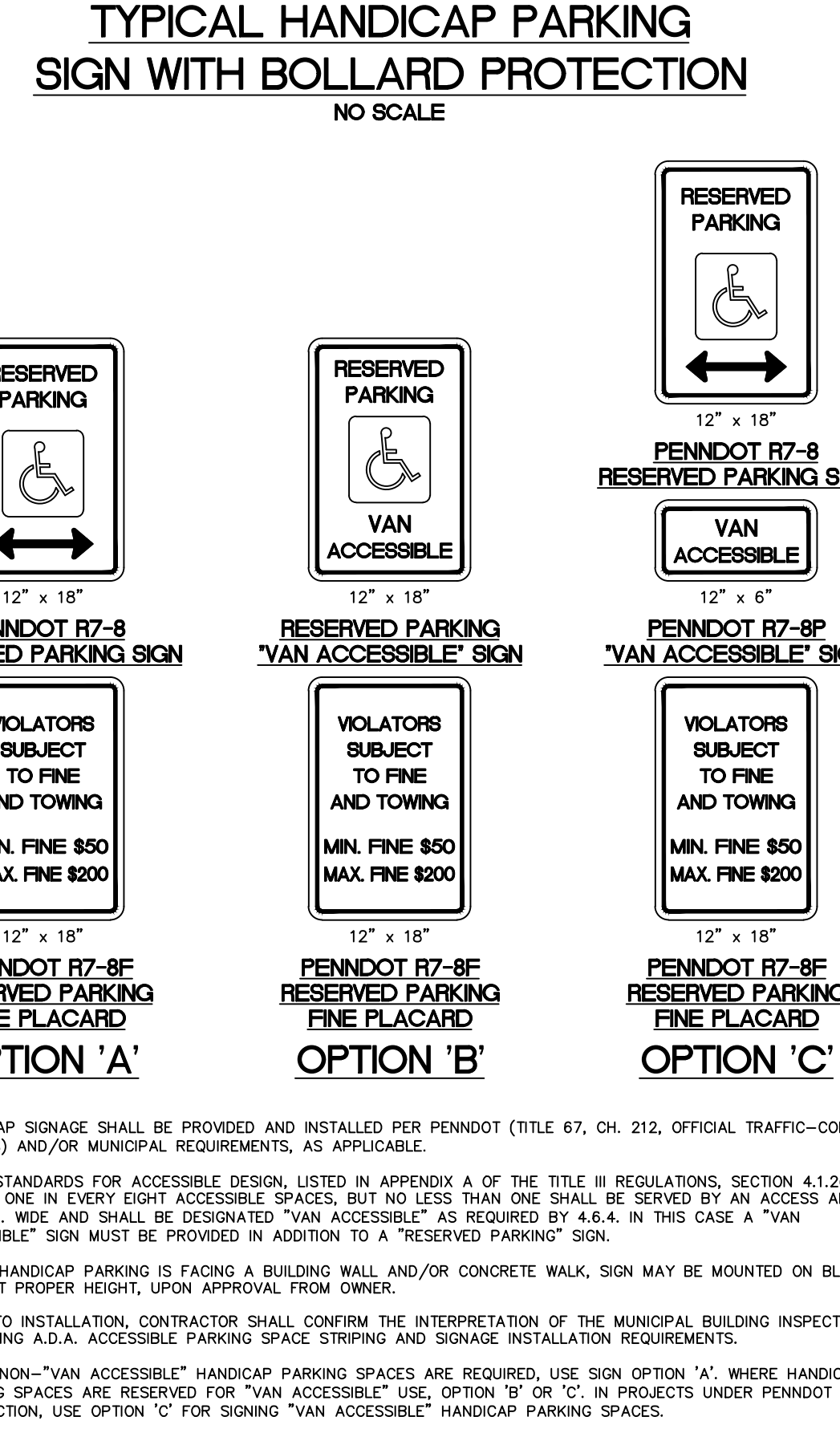
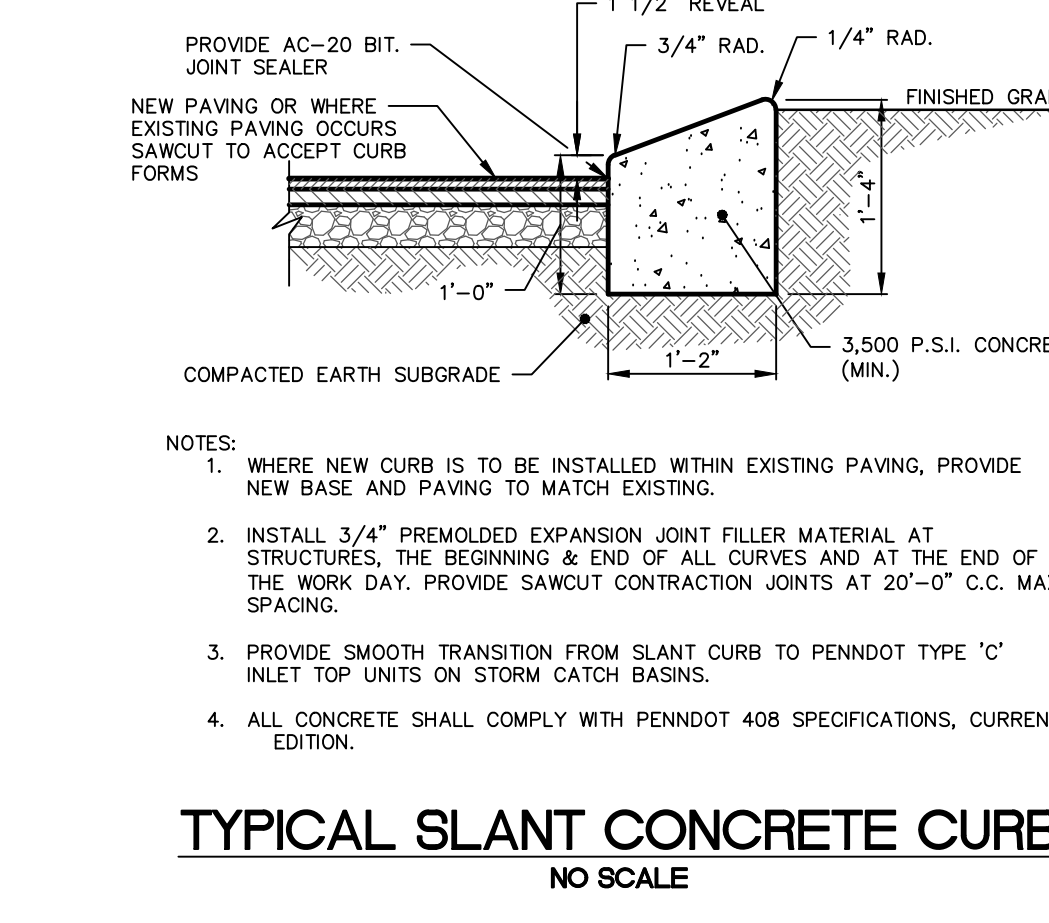
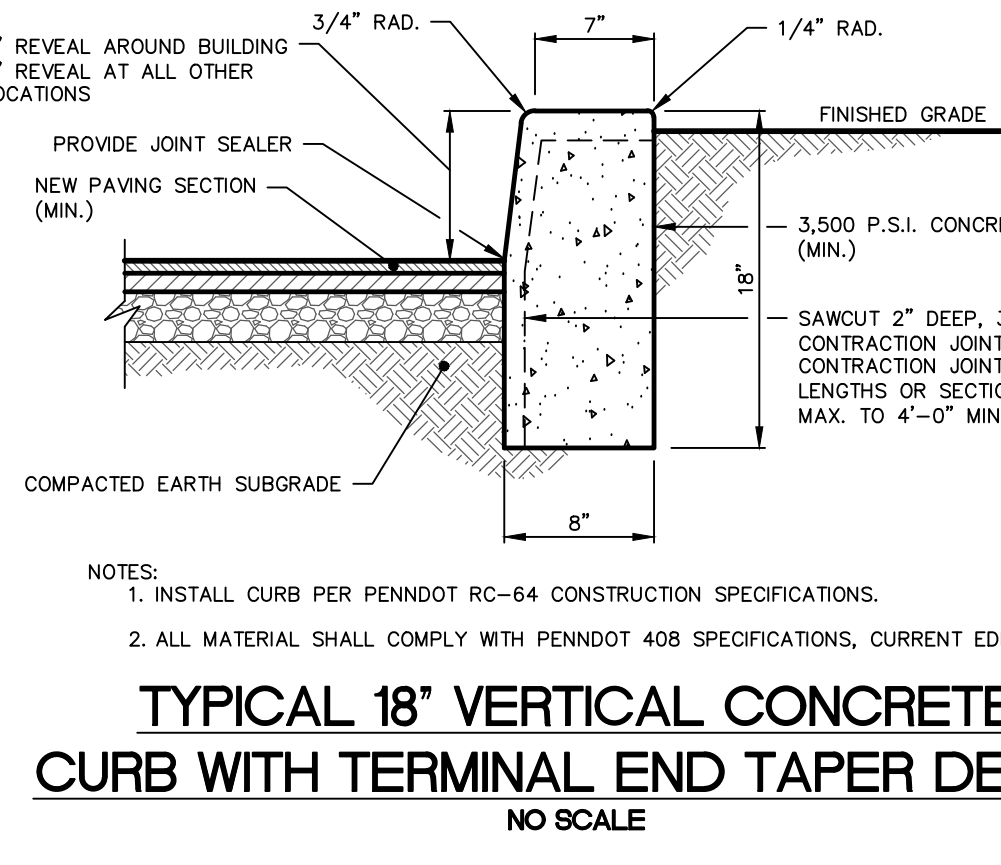
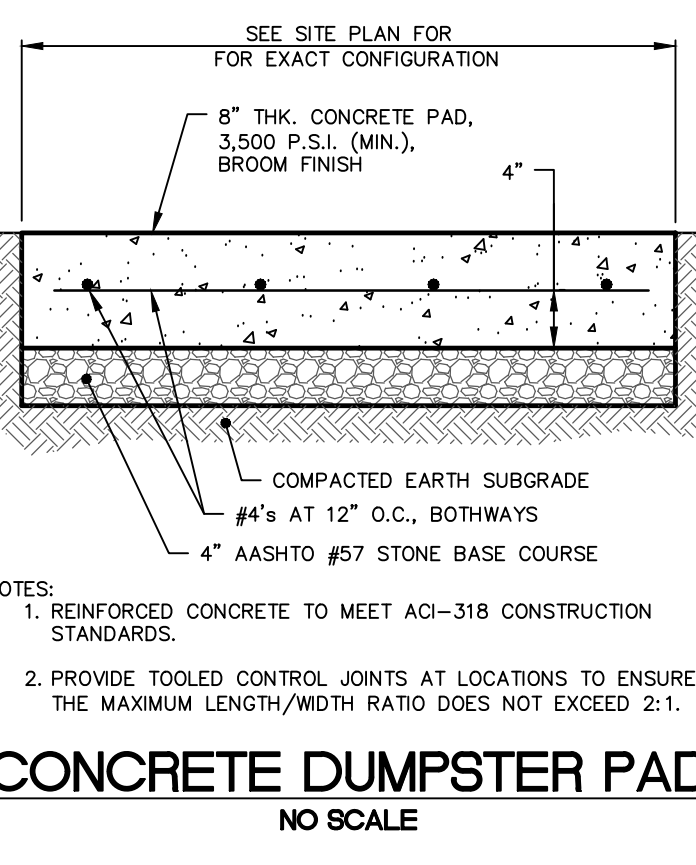
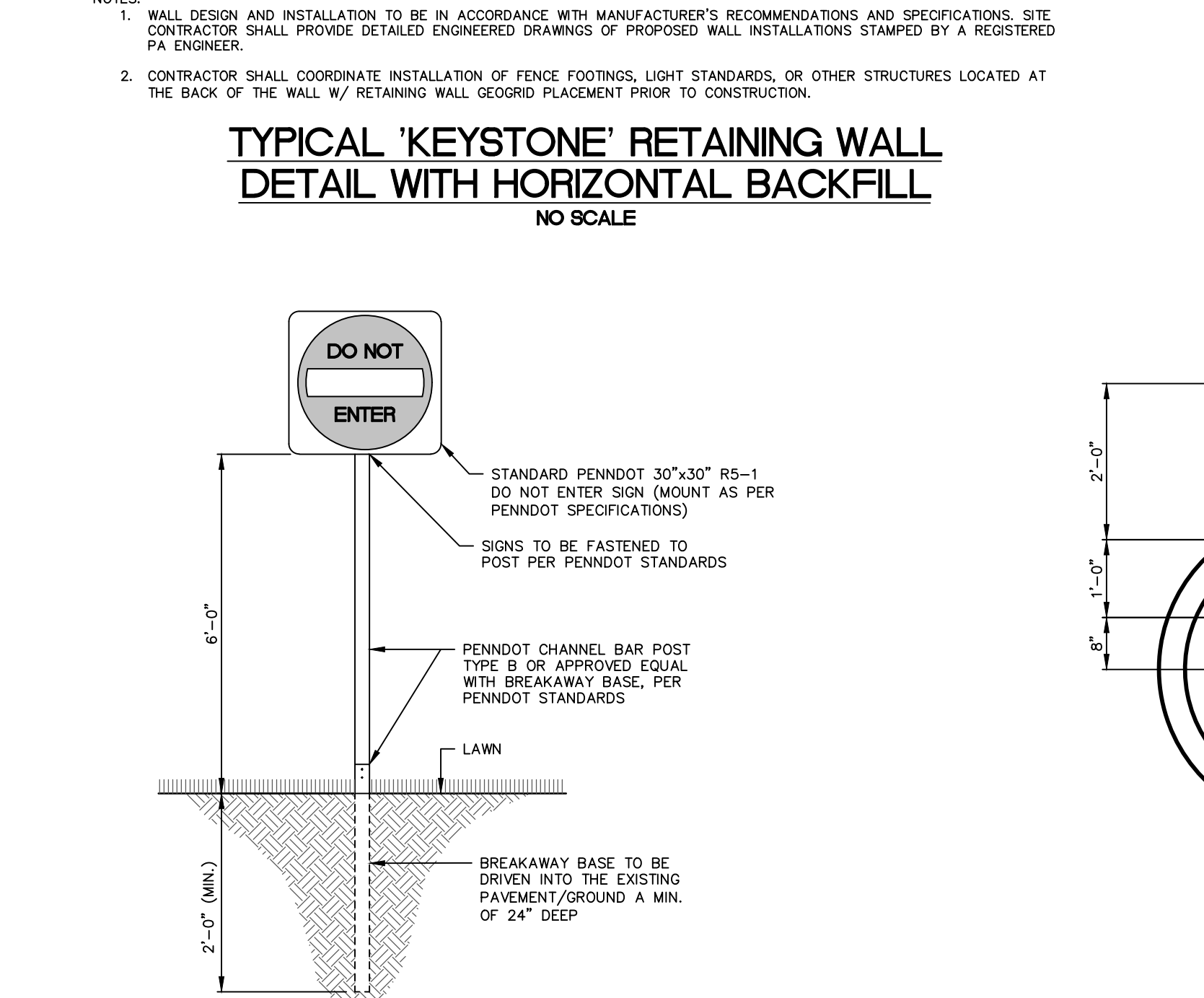
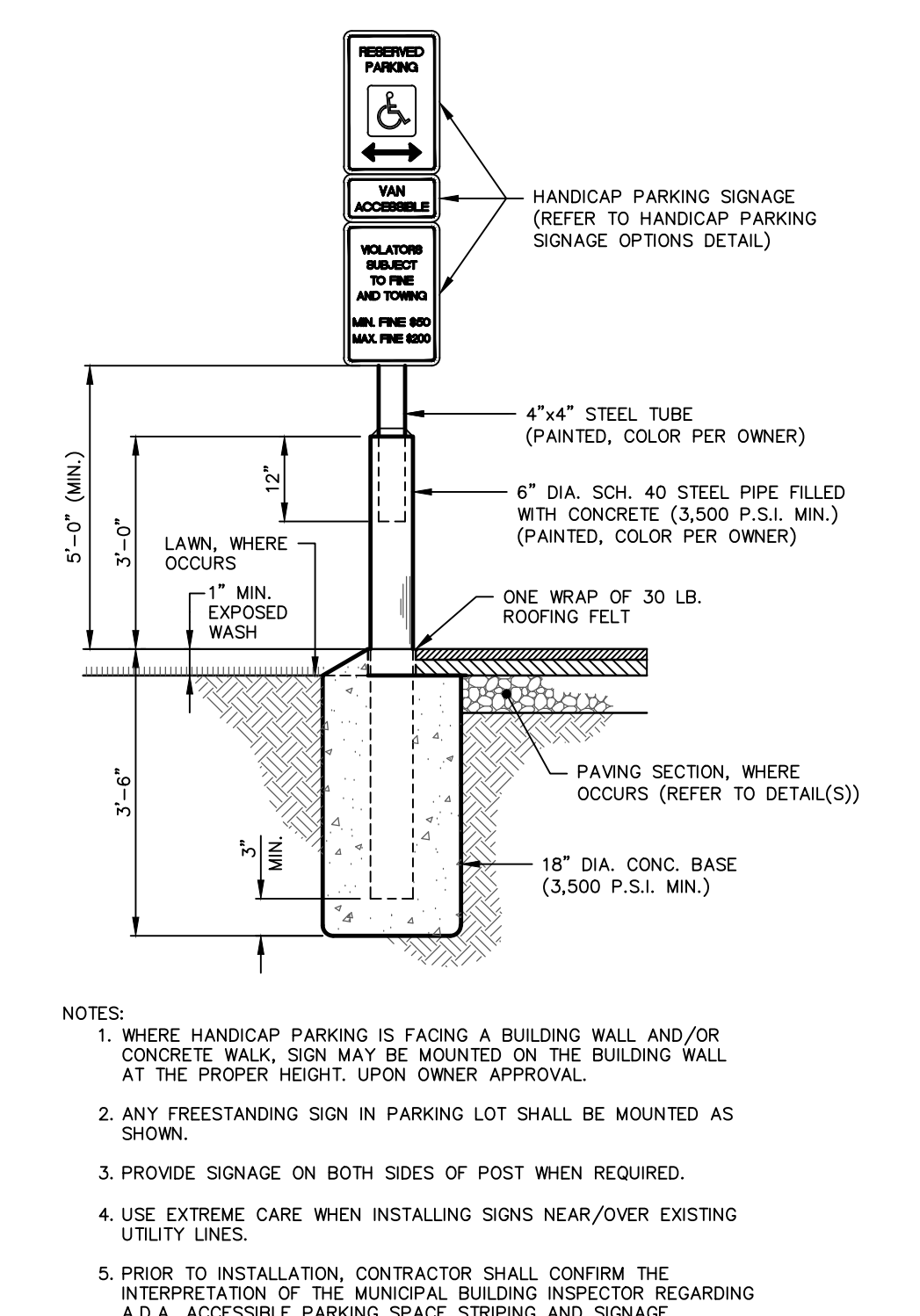
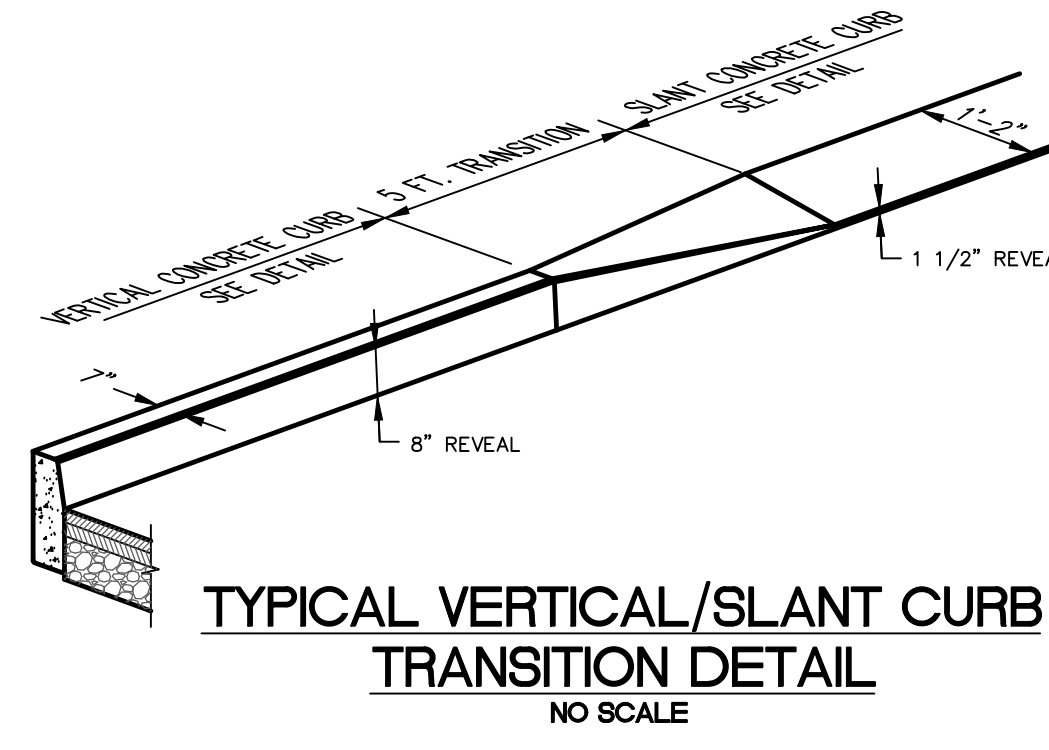
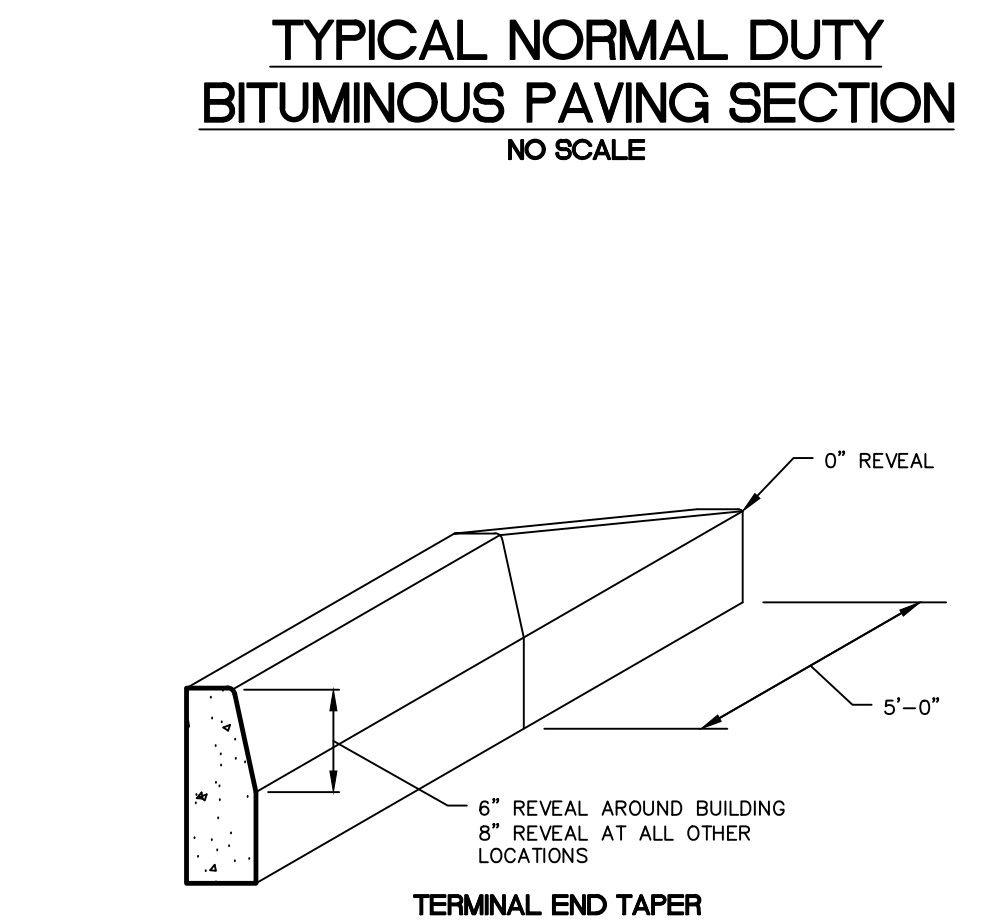
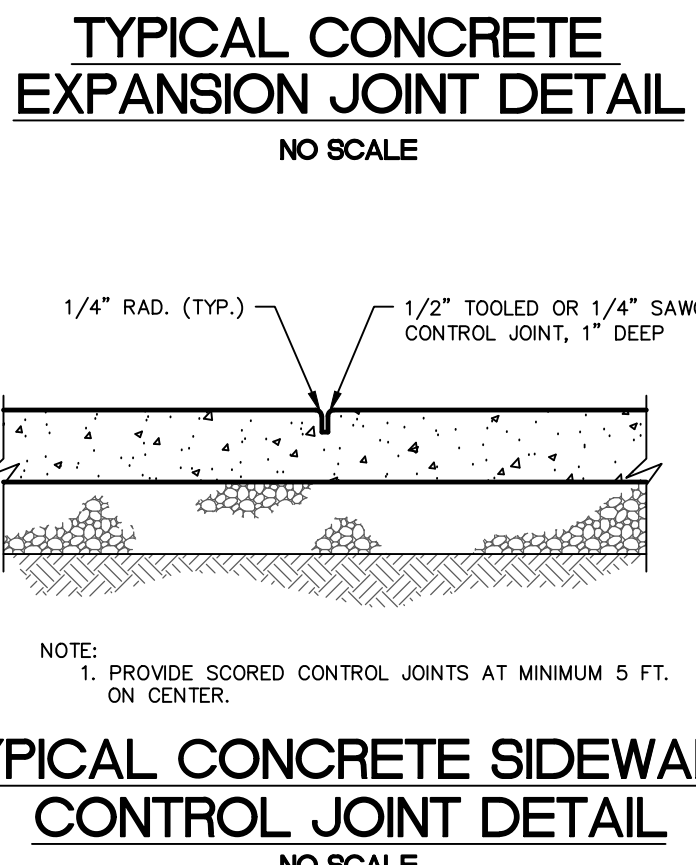
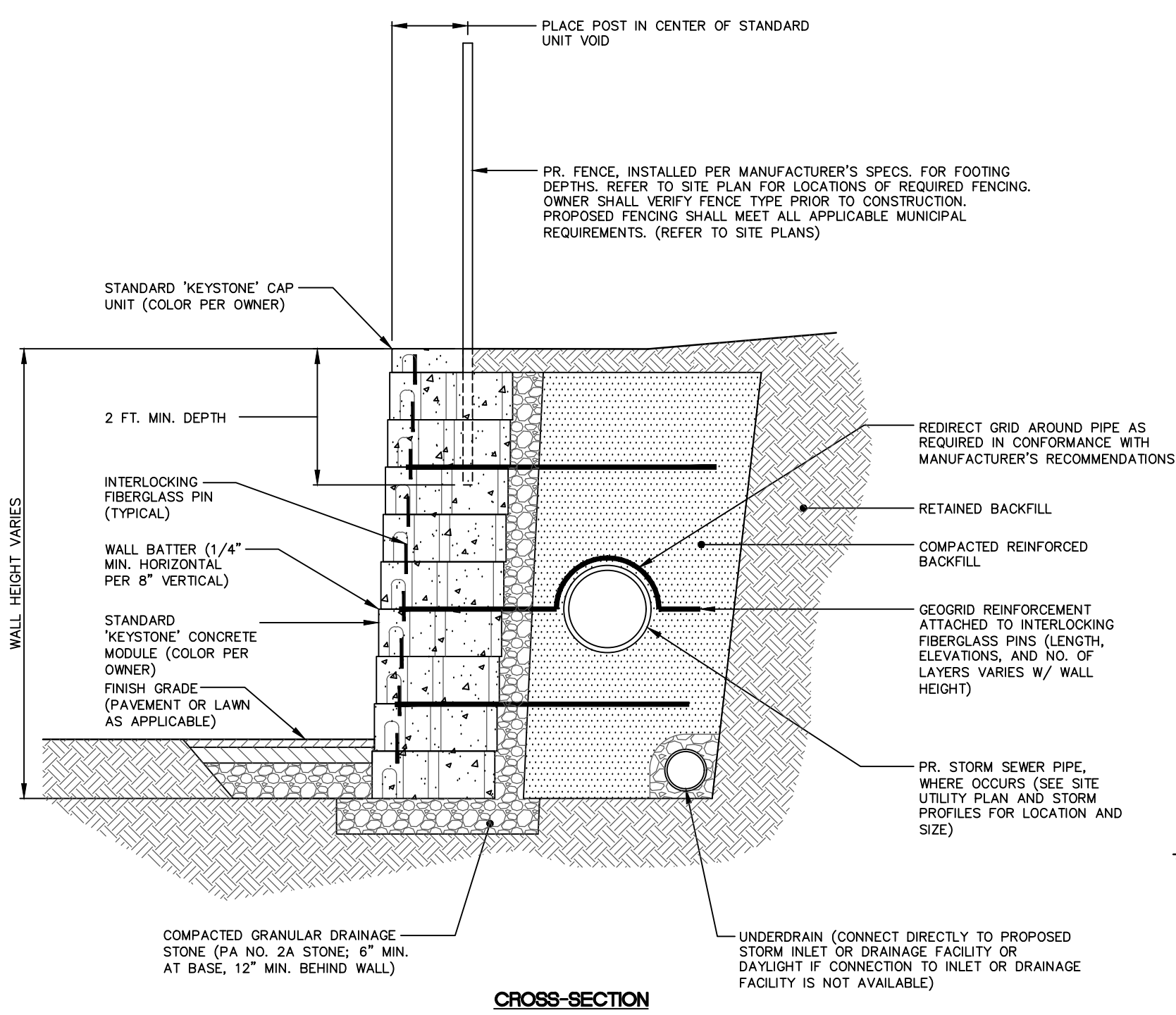
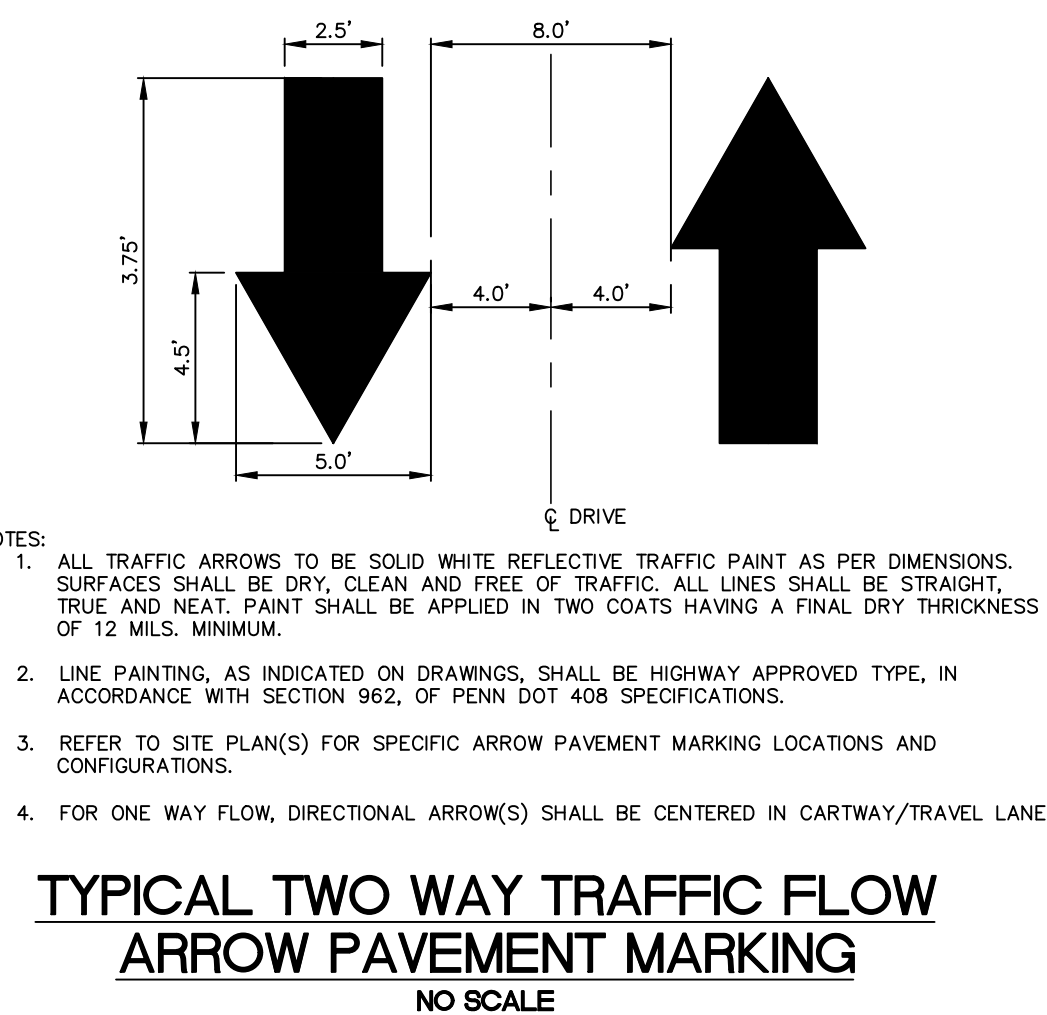
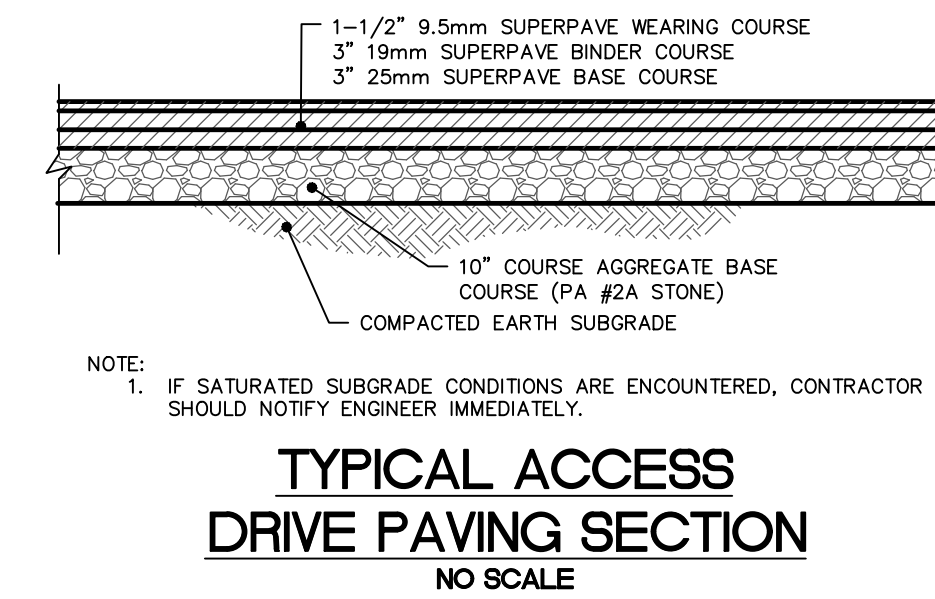
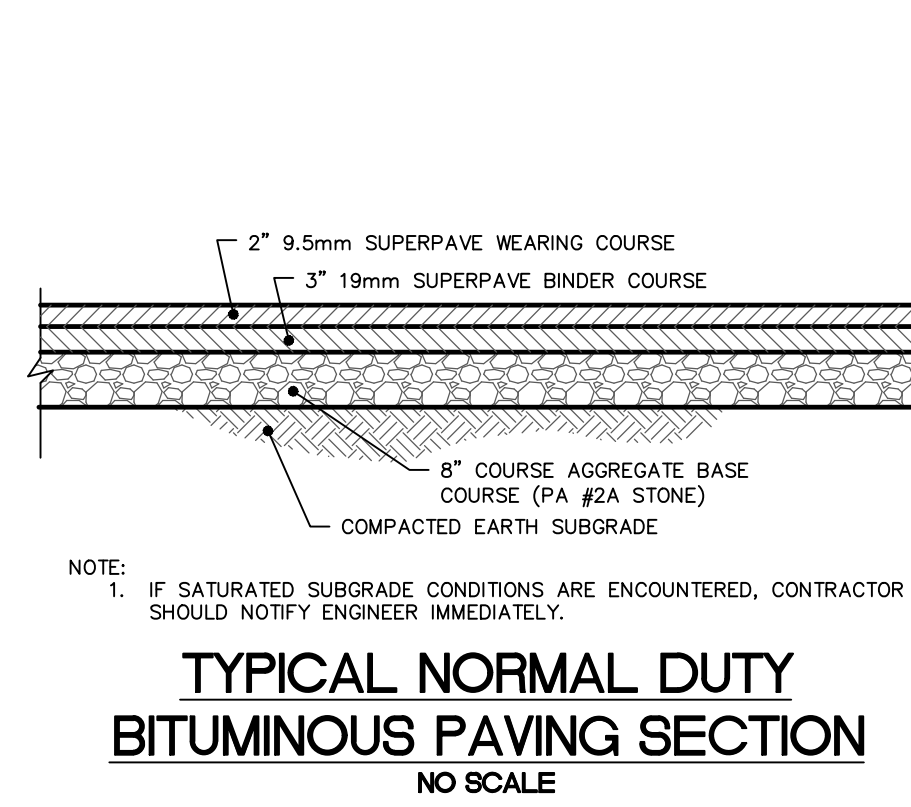
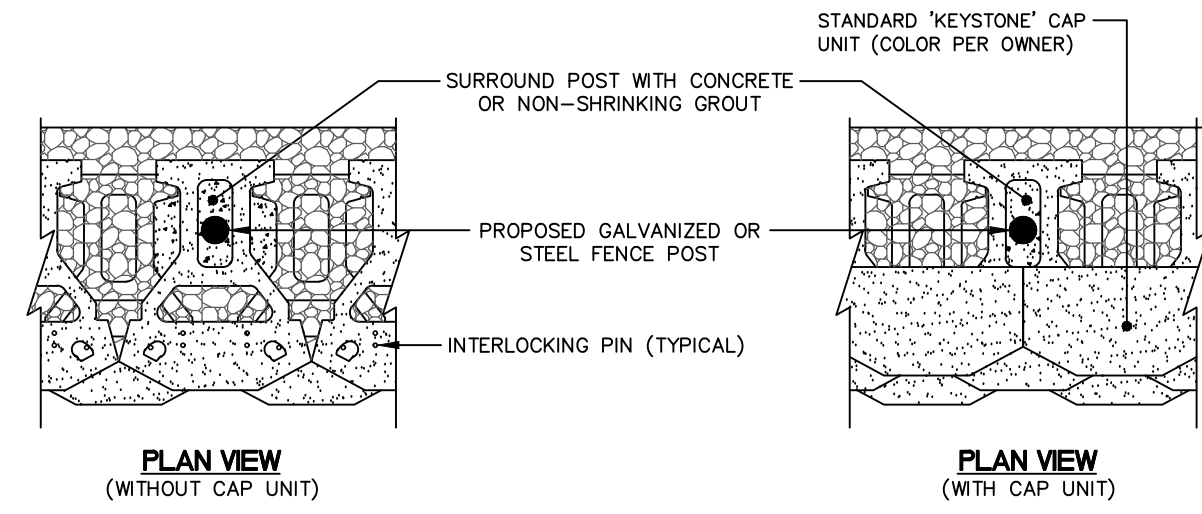
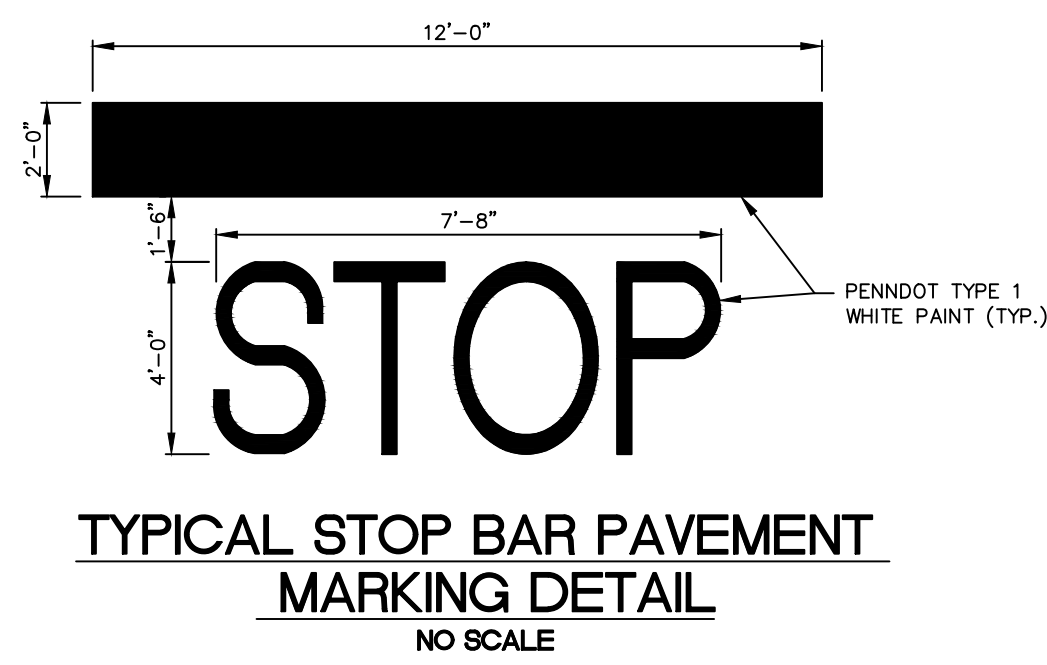
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| 2 | 04/12/22 | REVISED | PER | DEF. | COMMENTS |



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STORM SEWER PROFILES
PROPOSED REDEVELOPMENT
FOR
TWO FARMS, INC.
732 EAST FOREST AVENUE
SHREWSBURY TOWNSHIP, YORK COUNTY, PENNSYLVANIA

| | |
|------------|----------------|
| SCALE | AS NOTED |
| DRAWN BY | CIF |
| CHECKED BY | AWA |
| CONTACT | AWA |
| DATE | 12.14.21 |
| FILE NAME | 993IB-FLD-LOT2 |
| JOB NO. | 993.1B |
| SHEET NO. | C-11 |
| REV. | 2 |



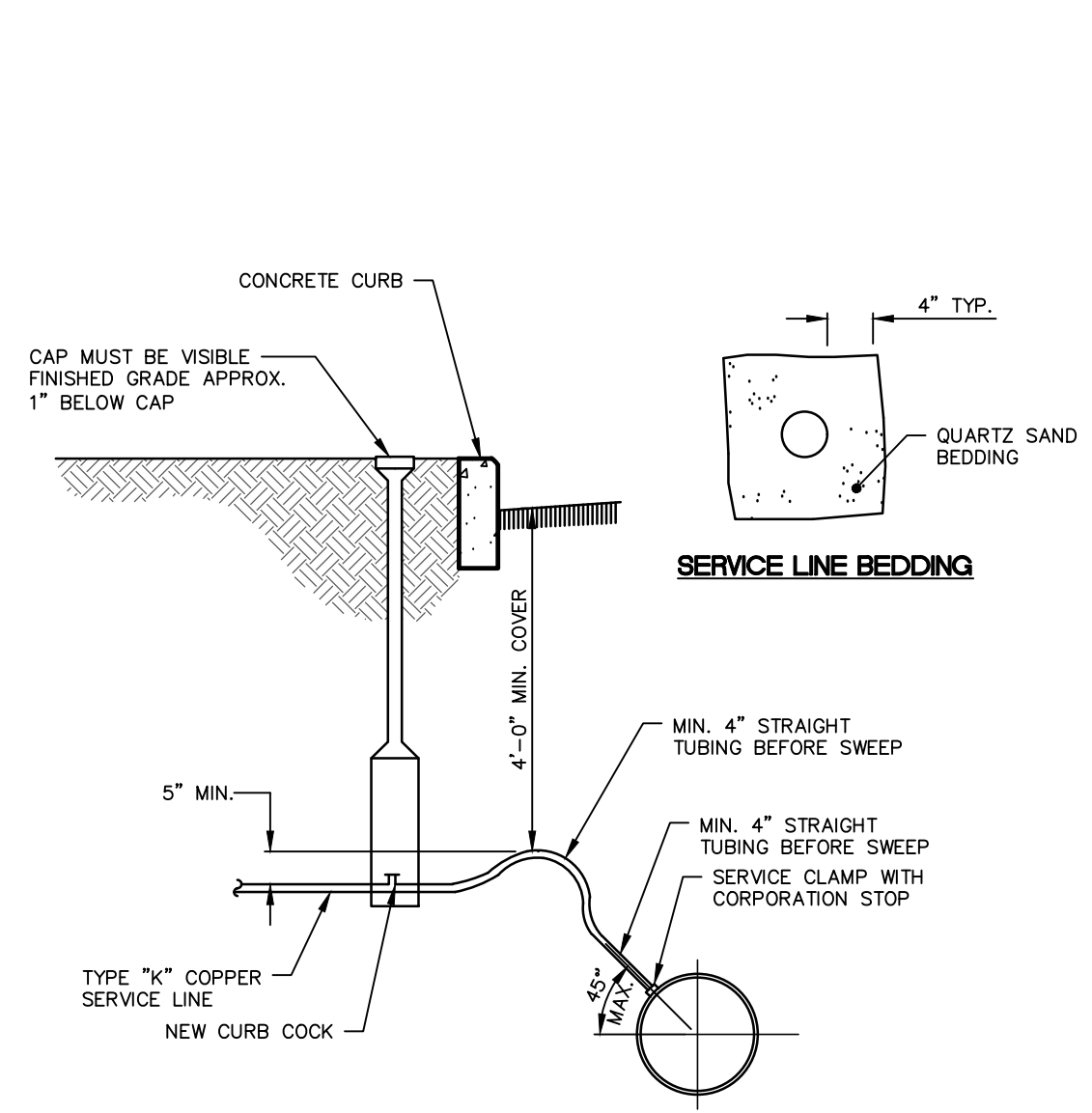
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| 1 | 02/08/22 | REVISED PER | START COMMENTS |
| 2 | 04/12/22 | REVISED PER | DEP COMMENTS |



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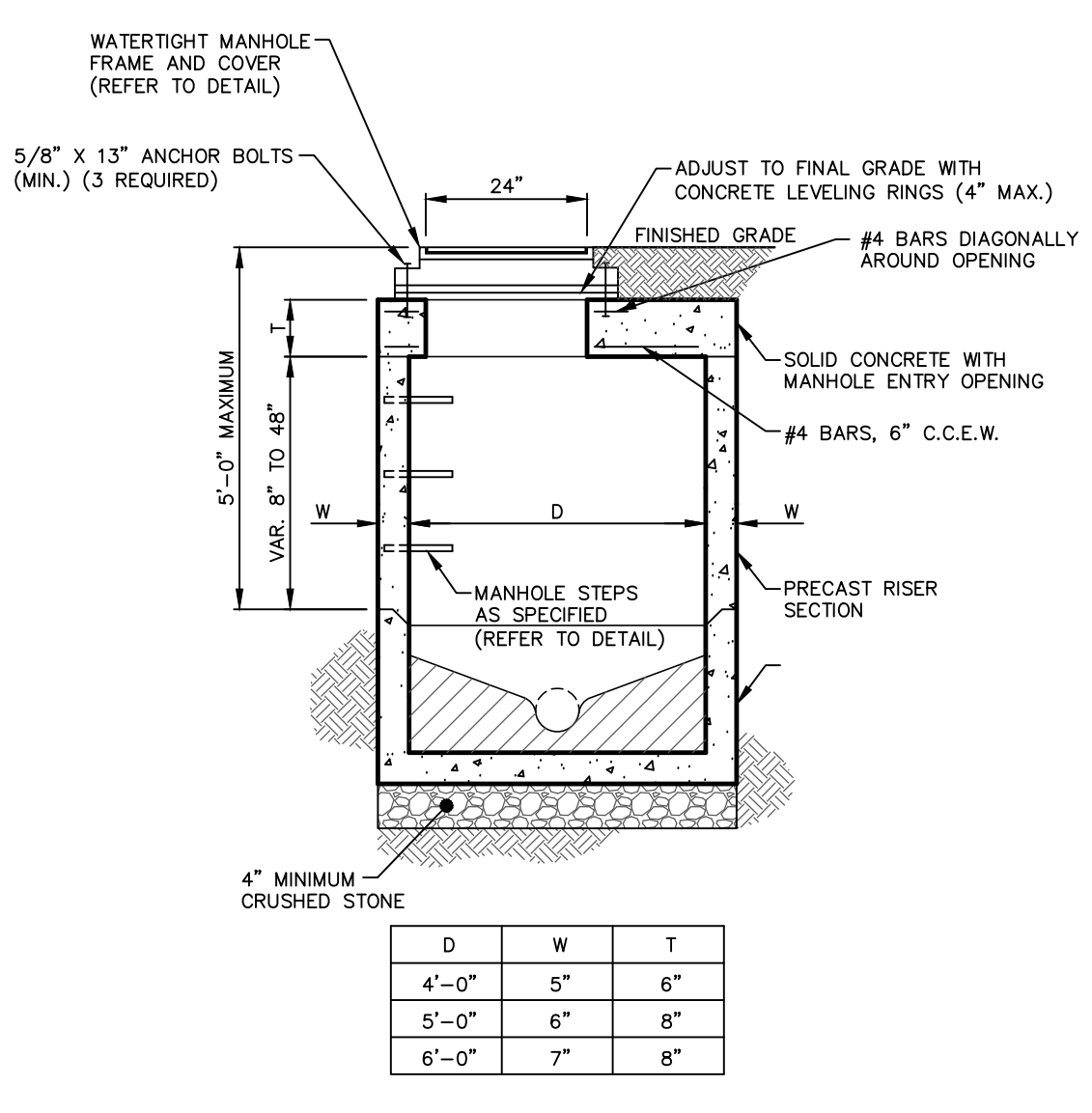
SITE DETAILS
PROPOSED REDEVELOPMENT
FOR
TWO FARMS, INC.
732 EAST FOREST AVENUE
SHREWSBURY TOWNSHIP, YORK COUNTY, PENNSYLVANIA

| SCALE | AS NOTED |
|------------|-----------------|
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| CHECKED BY | AWA |
| CONTACT | AWA |
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| REV. | 2 |



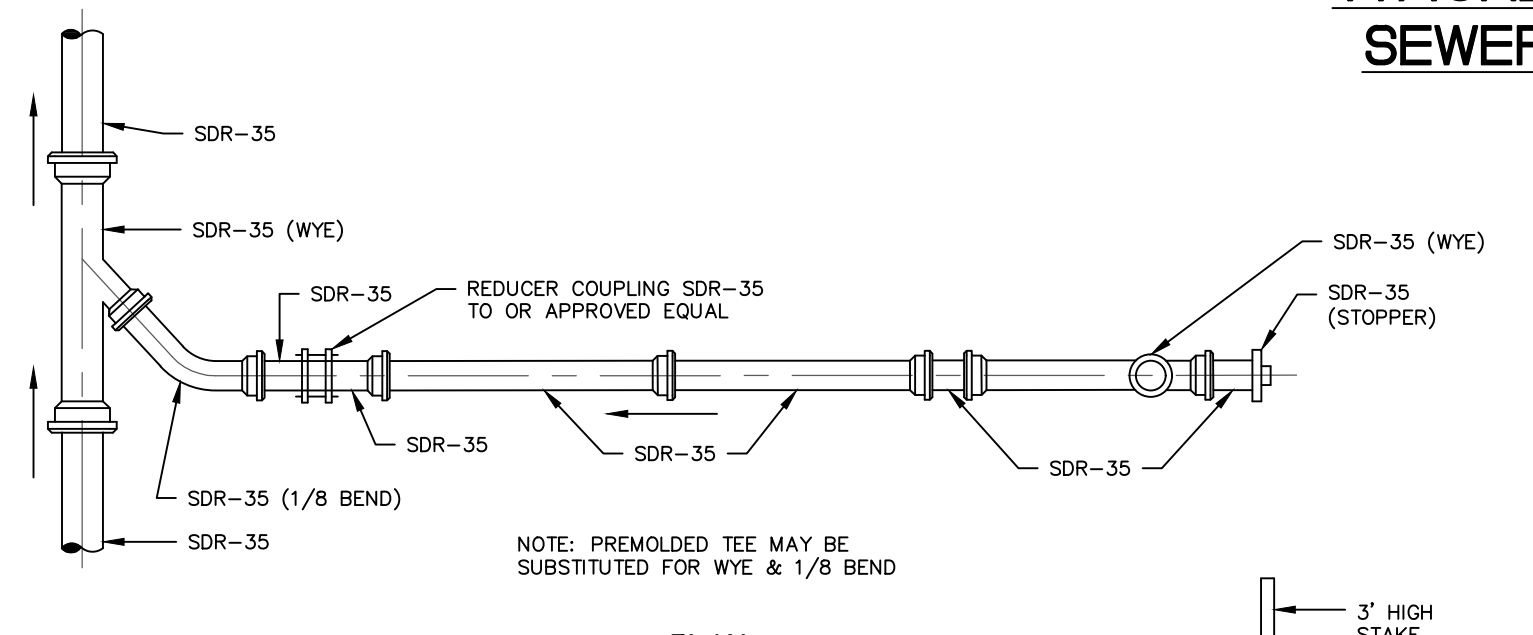
SERVICE CONNECTION
NO SCALE

- NOTES:
1. ALL COPPER JOINTS TO BE BRAZED OR SOLDERED.
2. WATER SERVICE CONNECTIONS SHOULD BE IN ACCORDANCE WITH YORK WATER COMPANY CONSTRUCTION STANDARDS AND SPECIFICATIONS.

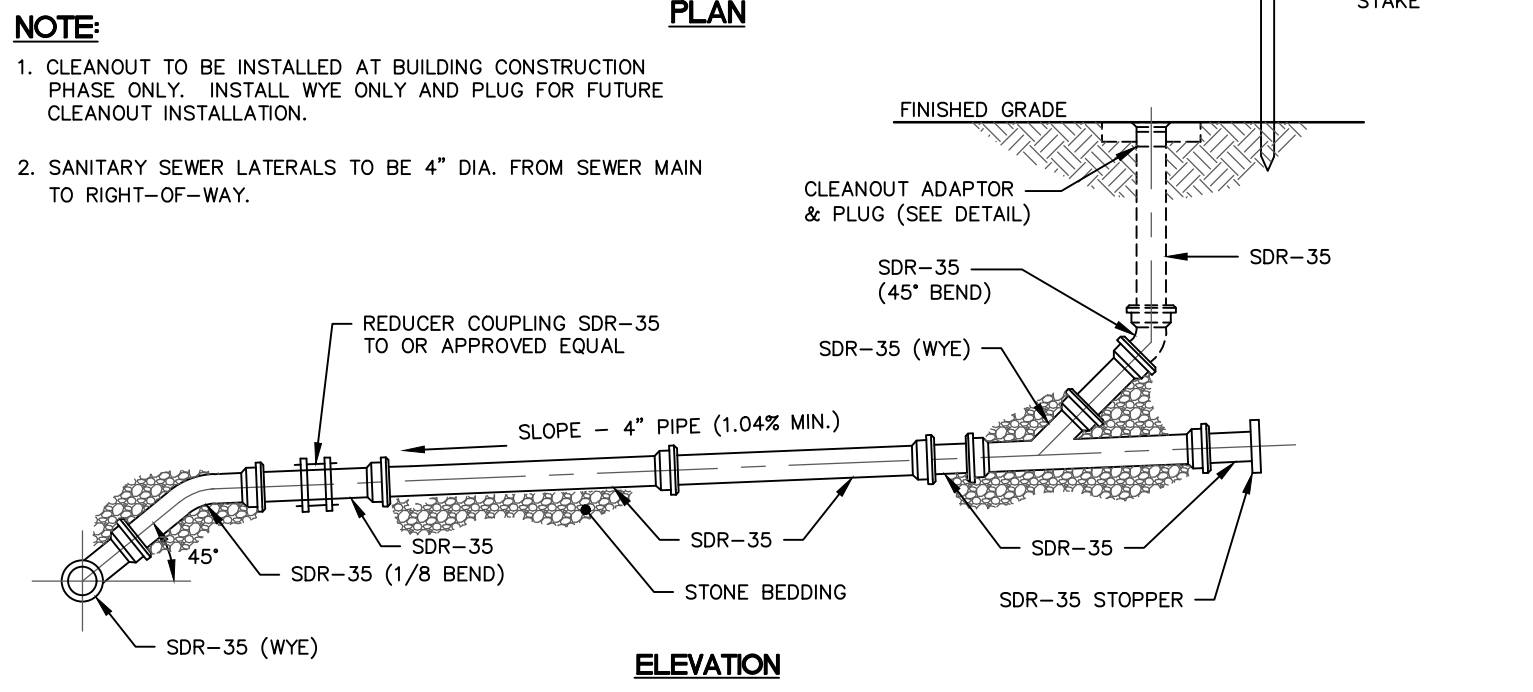


SHREWSBURY BOROUGH SHALLOW SAMPLING SANITARY SEWER MANHOLE DETAIL
NO SCALE

- NOTE: SAMPLING MANHOLES WILL BE DESIGNED AND INSTALLED WITH THE FINAL LAND DEVELOPMENT PLANS SUBMITTED BY FUTURE USERS OF LOTS 1 AND 2.

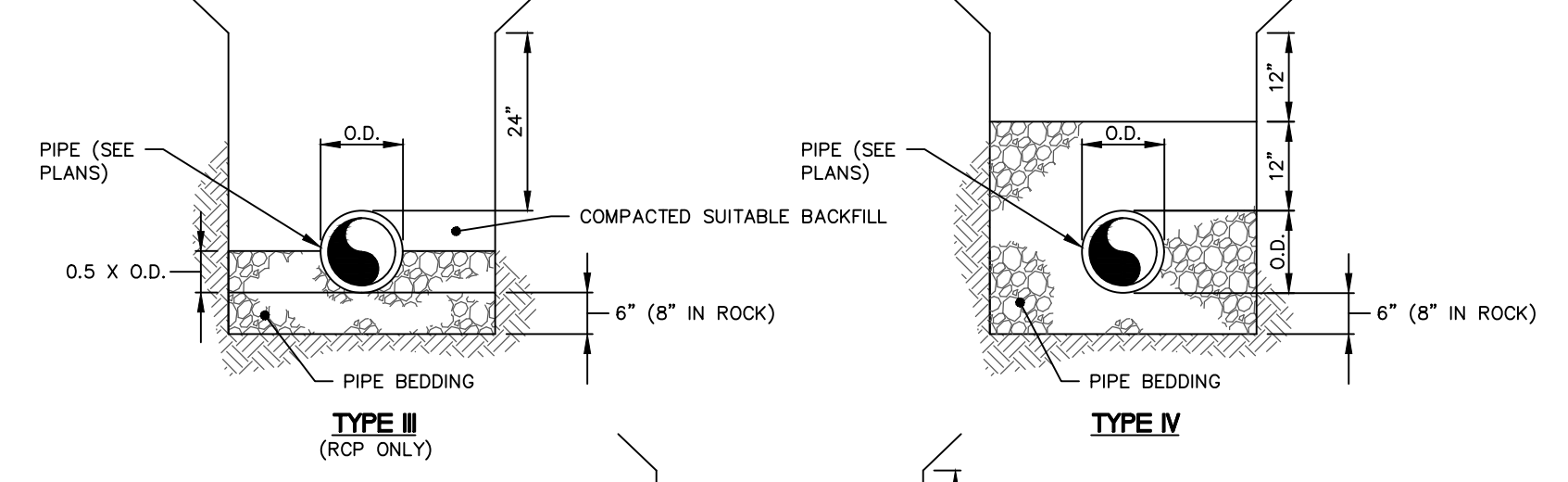


TYPICAL EXTERIOR SANITARY SEWER CLEANOUT DETAIL
NO SCALE



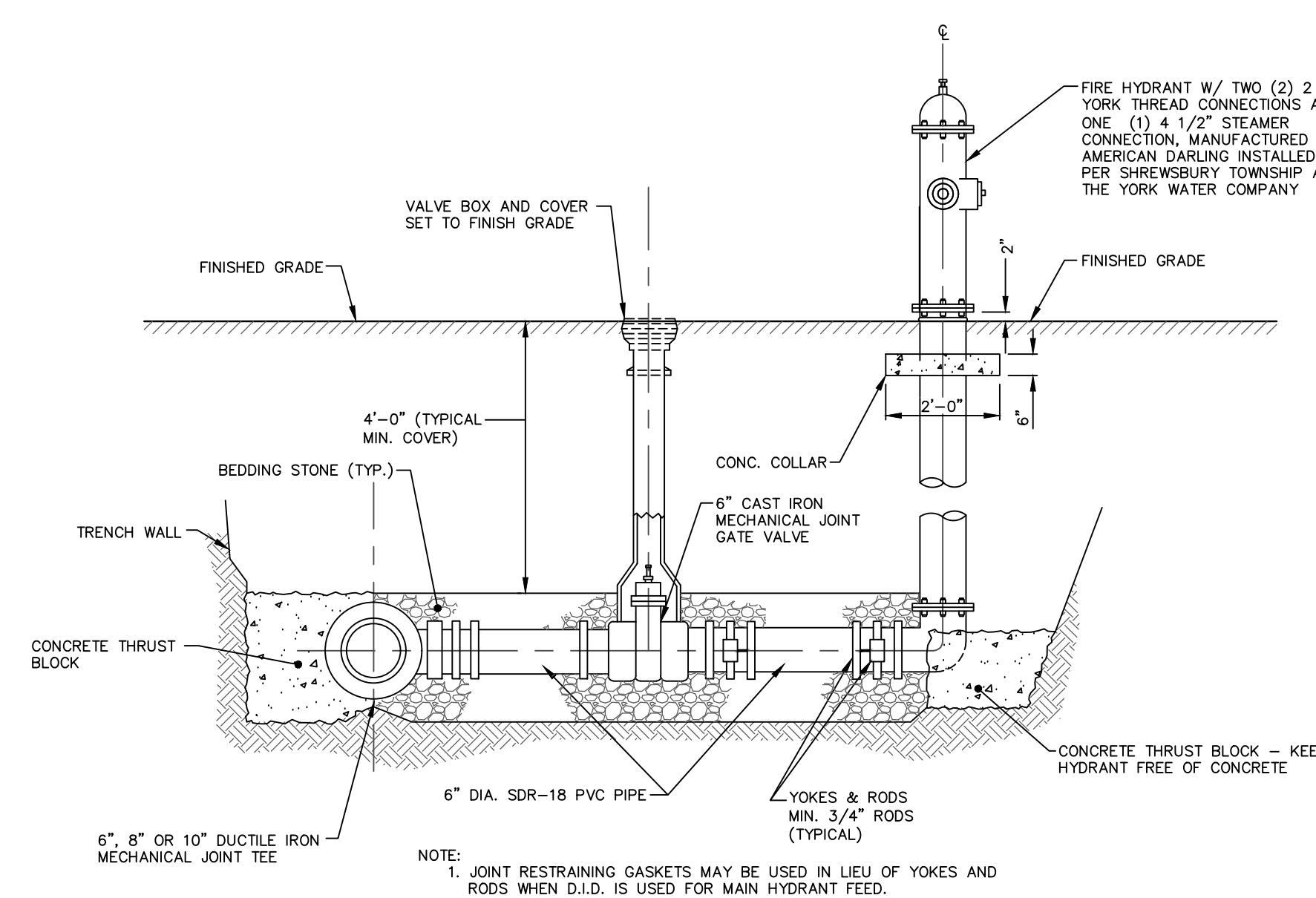
TYPICAL SANITARY SEWER LATERAL CONNECTION
NO SCALE

- NOTE: 1. INSTALL SANITARY SEWER LATERAL (INCLUDING REQUIRED CLEANOUTS, HOUSE TRAPS, VENTS) AS APPLICABLE IN ACCORDANCE WITH ALL APPLICABLE REGULATORY AGENCY/MUNICIPALITY/AUTHORITY CONSTRUCTION SPECIFICATIONS.



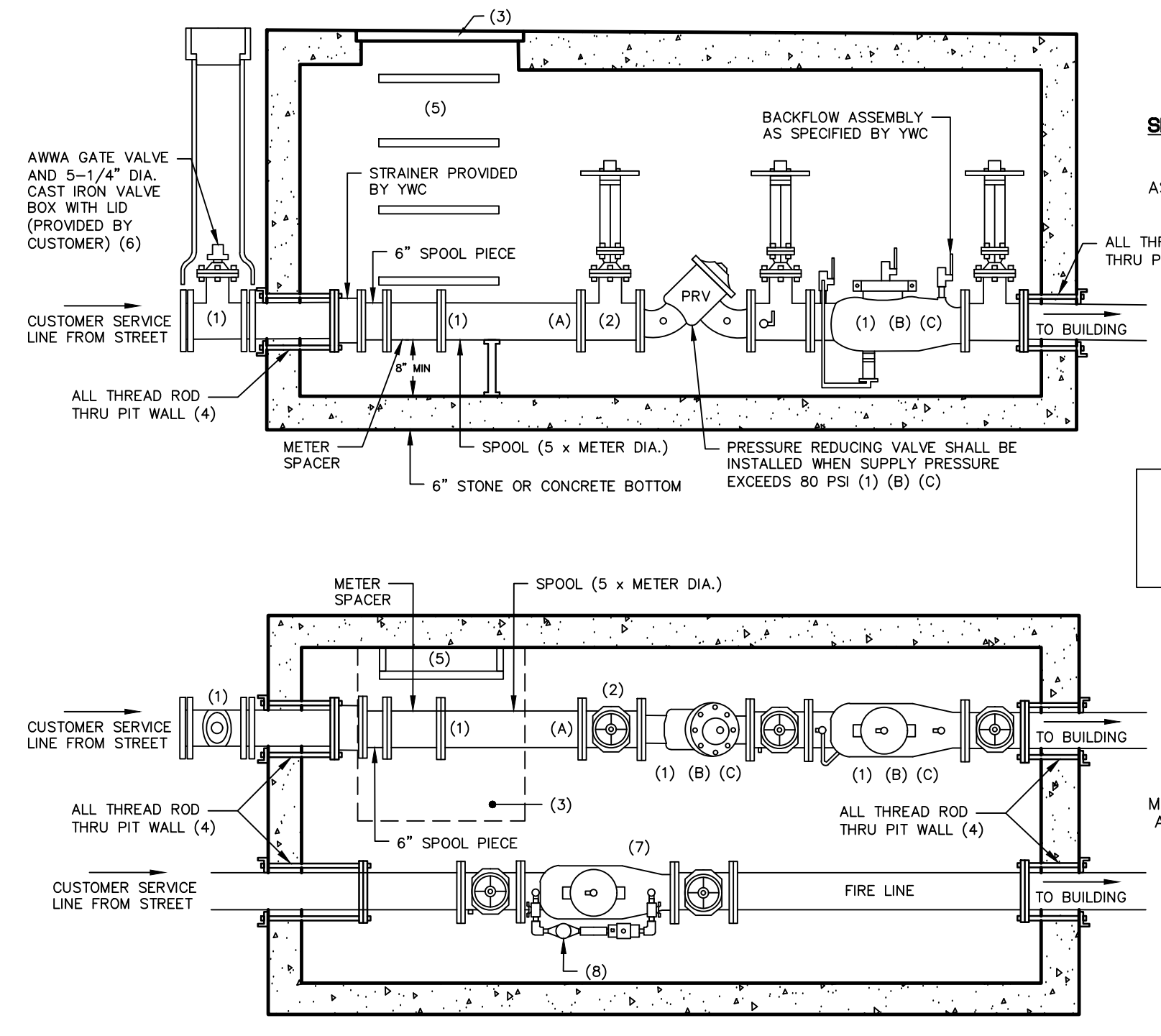
TYPICAL SANITARY SEWER PIPE TRENCH BEDDING AND BACKFILLING DETAIL
NO SCALE

- NOTES:
1. COMPACT ALL BACKFILL TO 95% STANDARD PROCTOR (ASTM D698).
2. UNLESS NOTED OTHERWISE, ALL ROAD REPAIRS SHALL BE COMPLETED IN ACCORDANCE WITH THE LATEST REVISION OF THE SHREWSBURY TOWNSHIP STANDARD DETAILS OR PER PENNDOT STANDARDS, IF WITHIN A STATE ROAD.



TYPICAL FIRE HYDRANT DETAIL
NO SCALE

- NOTE: 1. JOINT RESTRAINING GASKETS MAY BE USED IN LIEU OF YOKES AND RODS WHEN D.I.D. IS USED FOR MAIN HYDRANT FEED.



YORK WATER COMPANY TYPICAL METER PIT DETAIL
NO SCALE

- PIT INSTALLATION OF 3\"/>

PIT MUST BE LOCATED WITHIN 10' OF YWC CURB STOP

GENERAL NOTES:
1. BACKFLOW ASSEMBLY, GATE VALVES, PRV (WHEN NEEDED), AND SPOOL PIECES FURNISHED BY CUSTOMER. CONTACT DISTRIBUTION SERVICES REPRESENTATIVE OR NEW SERVICES REPRESENTATIVE FOR BACKFLOW ASSEMBLY REQUIRED. METER SPACER/STRAINER FURNISHED BY YWC.

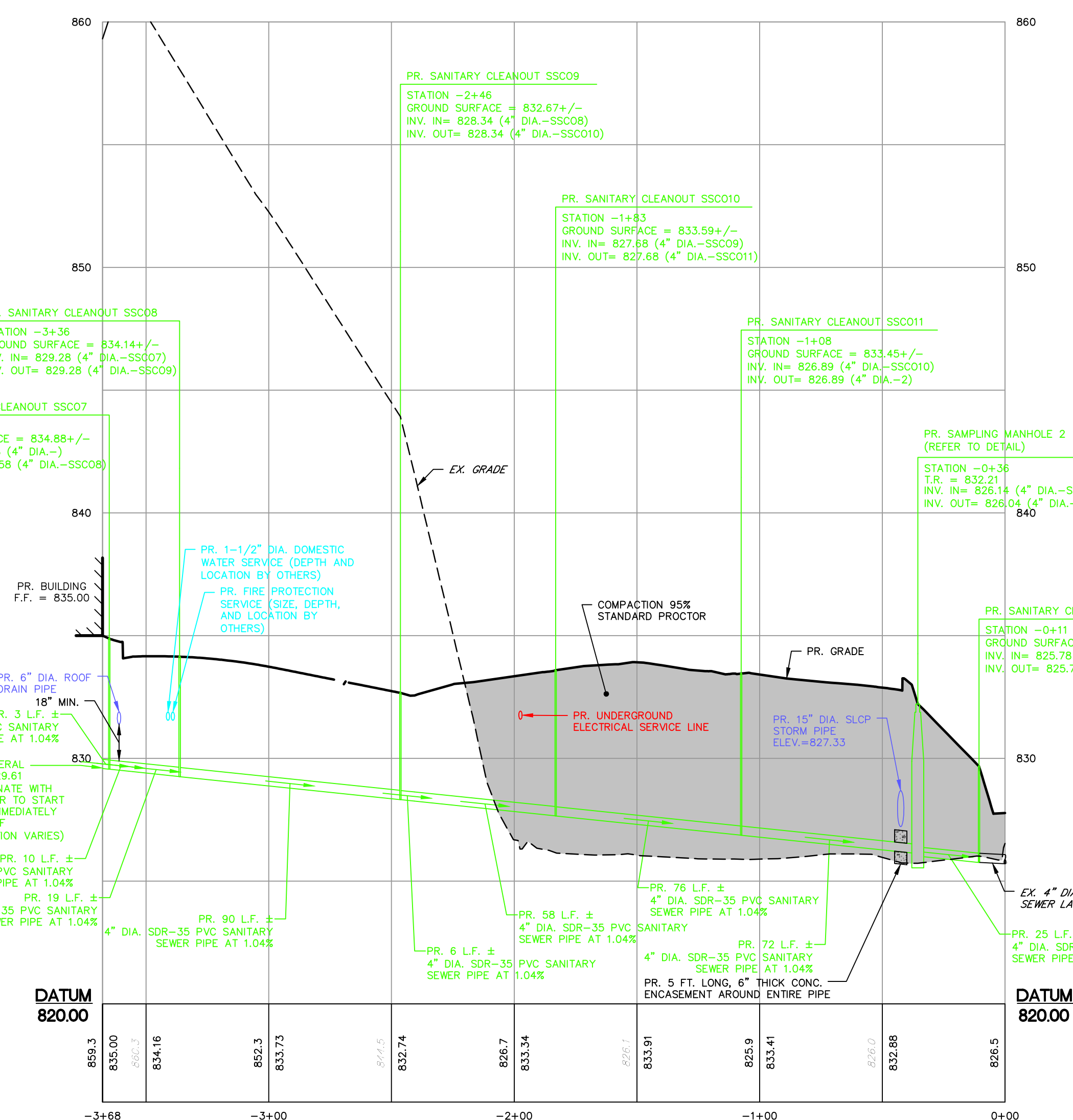
- WHEN BACKFLOW ASSEMBLY IS LOCATED INSIDE BUILDING, A GATE VALVE SHALL BE PROVIDED ON DISCHARGE SIDE OF SPOOL PIECE AFTER THE WATER METER. (BOCA P1504.1.2 & P1504.1.3)
- ALL VAULT LIDS SHALL BE LIGHT-WEIGHT ALUMINUM, EXCEPT FOR VAULT LIDS IN TRAFFIC AREAS. LIGHT-WEIGHT LIDS (3'x3' ALUM.) MUST HAVE HANDLE. TRAFFIC BEARING LIDS MUST HAVE A 1\"/>

METER SPACER/STRAINER INSTALLATION NOTES:
A. THE SPOOL PIECE LENGTH MUST BE EQUAL TO OR GREATER THAN 5 TIMES THE METER DIAMETER AND SHALL BE INSTALLED AFTER THE METER SPACER/STRAINER (METER SPACER/STRAINER TO BE PROVIDED BY YWC).
B. DO NOT INSTALL CHECK VALVES OR PRESSURE REDUCING VALVES UPSTREAM OR AHEAD OF METER SPACER/STRAINER.

SPECIAL NOTES:
ANY CHANGES TO THESE REQUIREMENTS MUST BE APPROVED BY THE YORK WATER COMPANY NEW SERVICE SPECIALIST OR DISTRIBUTION SERVICE REPRESENTATIVE. ILLUSTRATED HERE ARE ALL OF THE REQUIRED VALVES, BACKFLOW PREVENTION DEVICES, PRESSURE REDUCING VALVE, ETC. DUE TO THE LARGE VARIATION IN EQUIPMENT LENGTH, THE METER PIT LENGTH MUST BE DETERMINED AFTER THE REQUIRED EQUIPMENT IS SELECTED. WIDTH AND DEPTH ARE SIX (6) FEET MINIMUM.

GENERAL NOTES:
1. SITE CONTRACTOR SHALL PROVIDE DETAILED AS-BUILT INFORMATION TO PROJECT ENGINEER FOR ALL PROPOSED SANITARY SEWER, WATER AND STORMWATER MANAGEMENT, CONVEYANCE AND B.M.P. STRUCTURES / FACILITIES (PUBLIC AND PRIVATE) FOR PROJECT ENGINEER'S USE IN PREPARATION OF RECORD DRAWINGS.

- COMPACTION TESTING IS REQUIRED AT THE BASE OF ALL STORM, SANITARY SEWER AND WATER SYSTEM STRUCTURES AND PIPES THAT ARE LOCATED IN FILL AREAS, PRIOR TO INSTALLATION OF SAID FACILITIES.
- REFER TO PROJECT NOTES ON DWG. SHT. 2 AND THE SITE LAYOUT, UTILITY AND GRADING PLANS, AND SITE DETAILS FOR ADDITIONAL REQUIREMENTS.
- REFER TO PENNDOT HIGHWAY OCCUPANCY PERMIT PLANS FOR ADDITIONAL INFORMATION, REGARDING PROPOSED IMPROVEMENTS.



PR. LOT 2 SANITARY SEWER LATERAL PROFILE
HORIZONTAL SCALE: 1" = 40'
VERTICAL SCALE: 1" = 4'

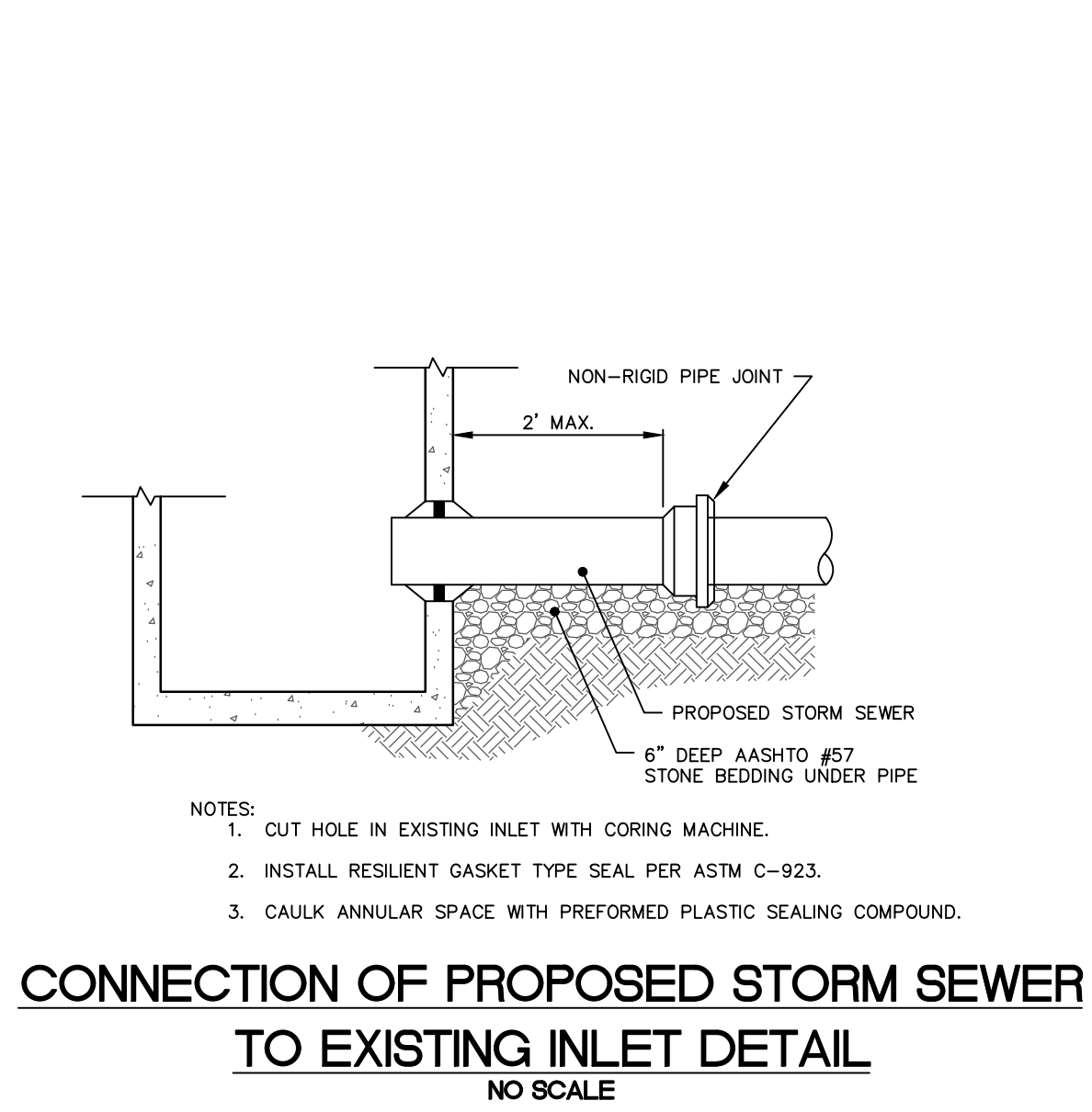
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| 2 | 04/12/22 | REVISED PER DEP COMMENTS | |



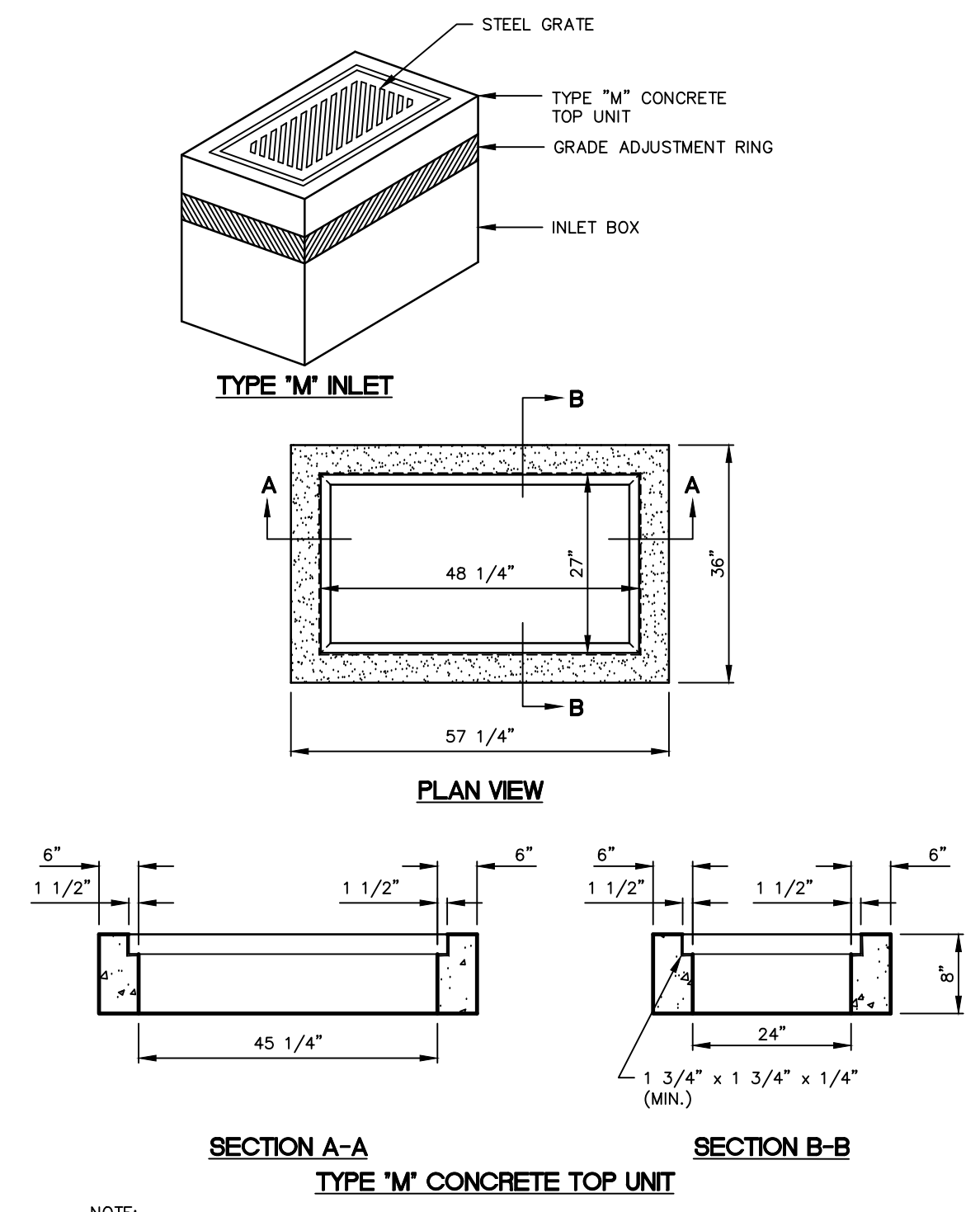
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UTILITY PROFILE AND DETAILS
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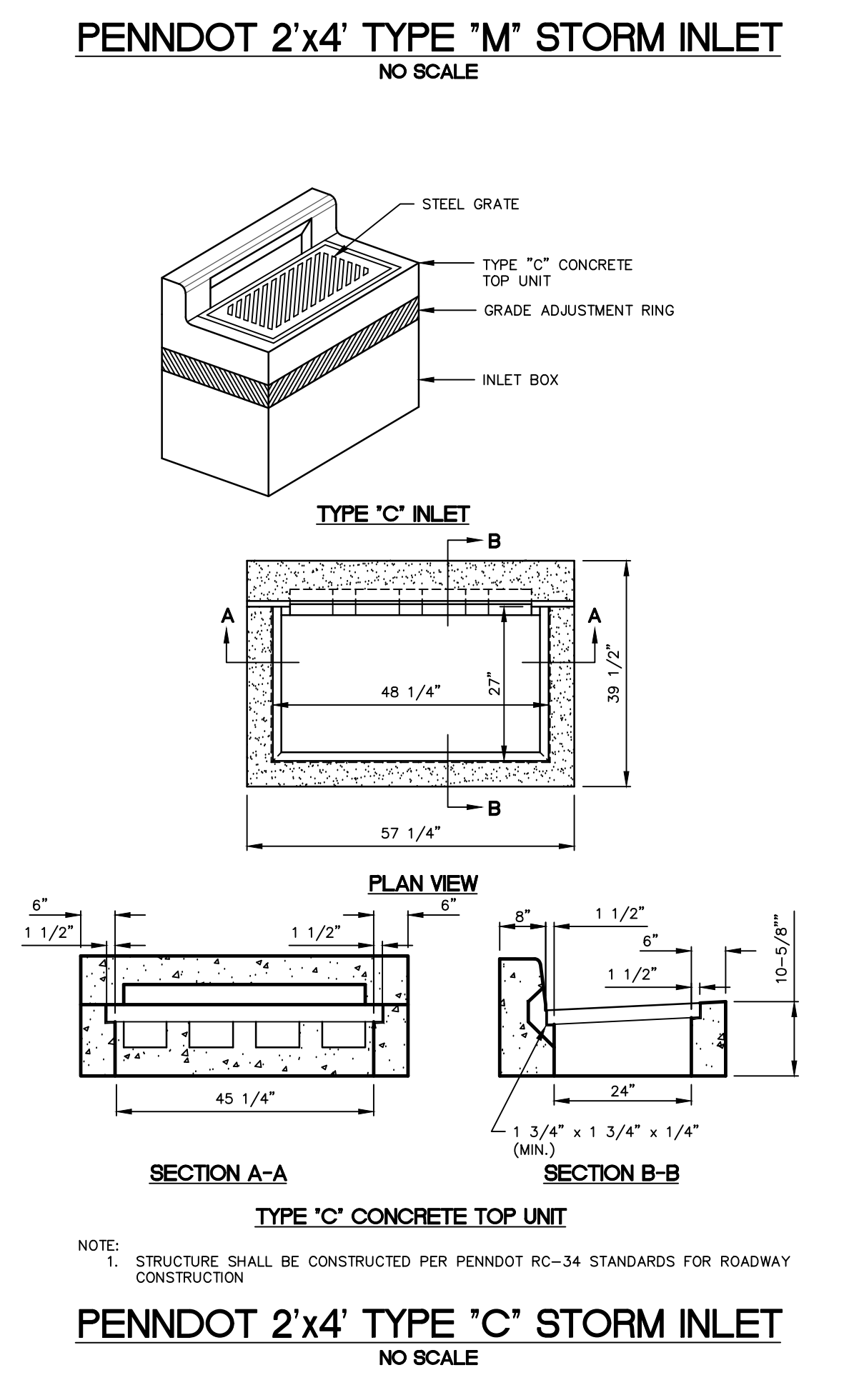
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| CONTACT | AWA |
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| FILE NAME | 993.1B-FLD-LOT2 |
| JOB NO. | 993.1B |
| SHEET NO. | C-14 |
| REV. | 2 |



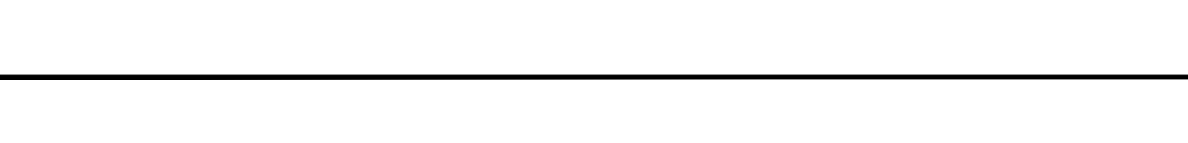
CONNECTION OF PROPOSED STORM SEWER TO EXISTING INLET DETAIL
NO SCALE



TYPICAL GROUTING/ENCASMENT AT STORM INLET/BOX PIPE CONNECTION
NO SCALE

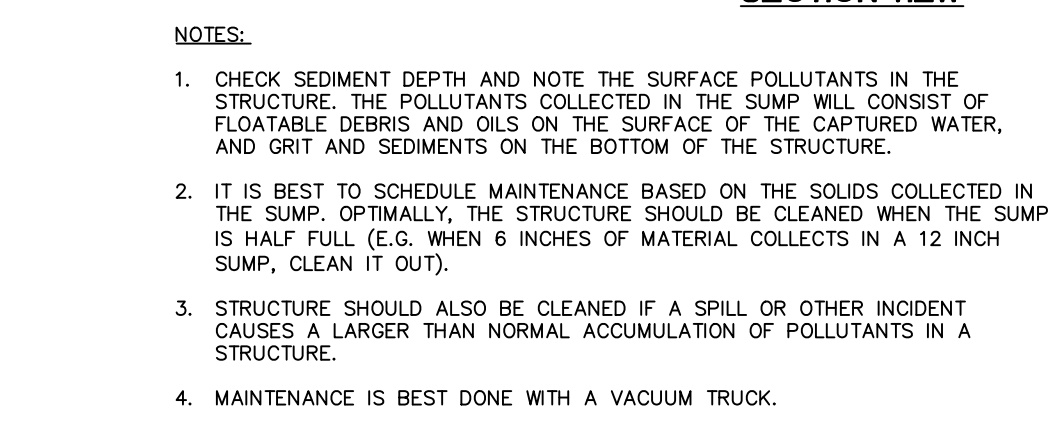


TYPICAL EXTERIOR STORM SEWER CLEANOUT
NO SCALE



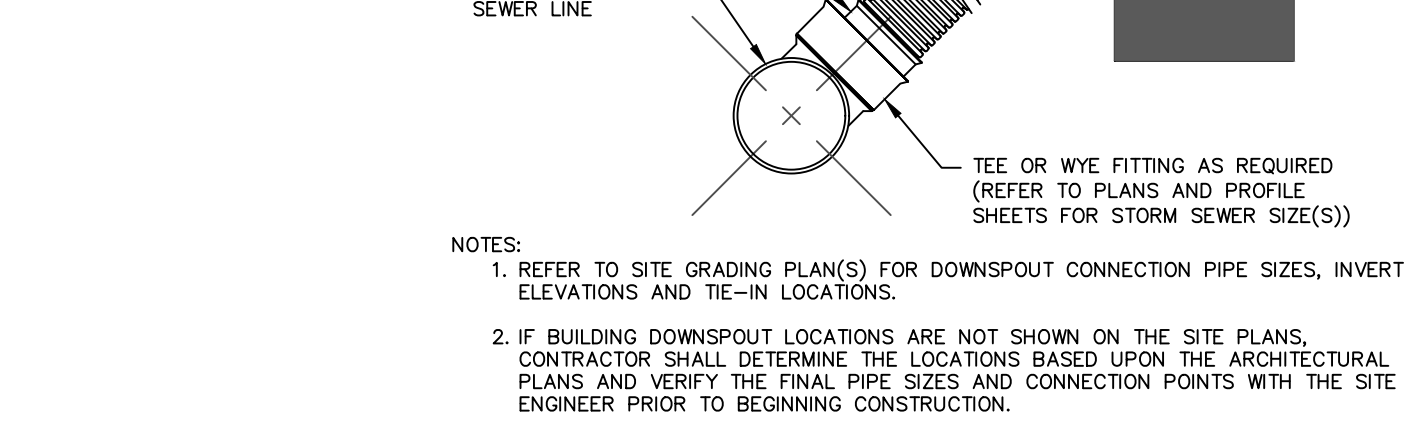
TYPICAL SUBSURFACE INFILTRATION BED CLEANOUT
NO SCALE

| INLET NUMBER | FILTERS AND SUMP ONLY | SUMPS ONLY |
|--------------|-----------------------|------------|
| A4 | NO | YES |
| A5 | NO | NO |
| A8 | YES | NO |
| A9 | YES | NO |
| A10 | YES | NO |
| E2 | NO | YES |
| C2 | NO | YES |
| C7 | NO | YES |
| E2 | NO | YES |

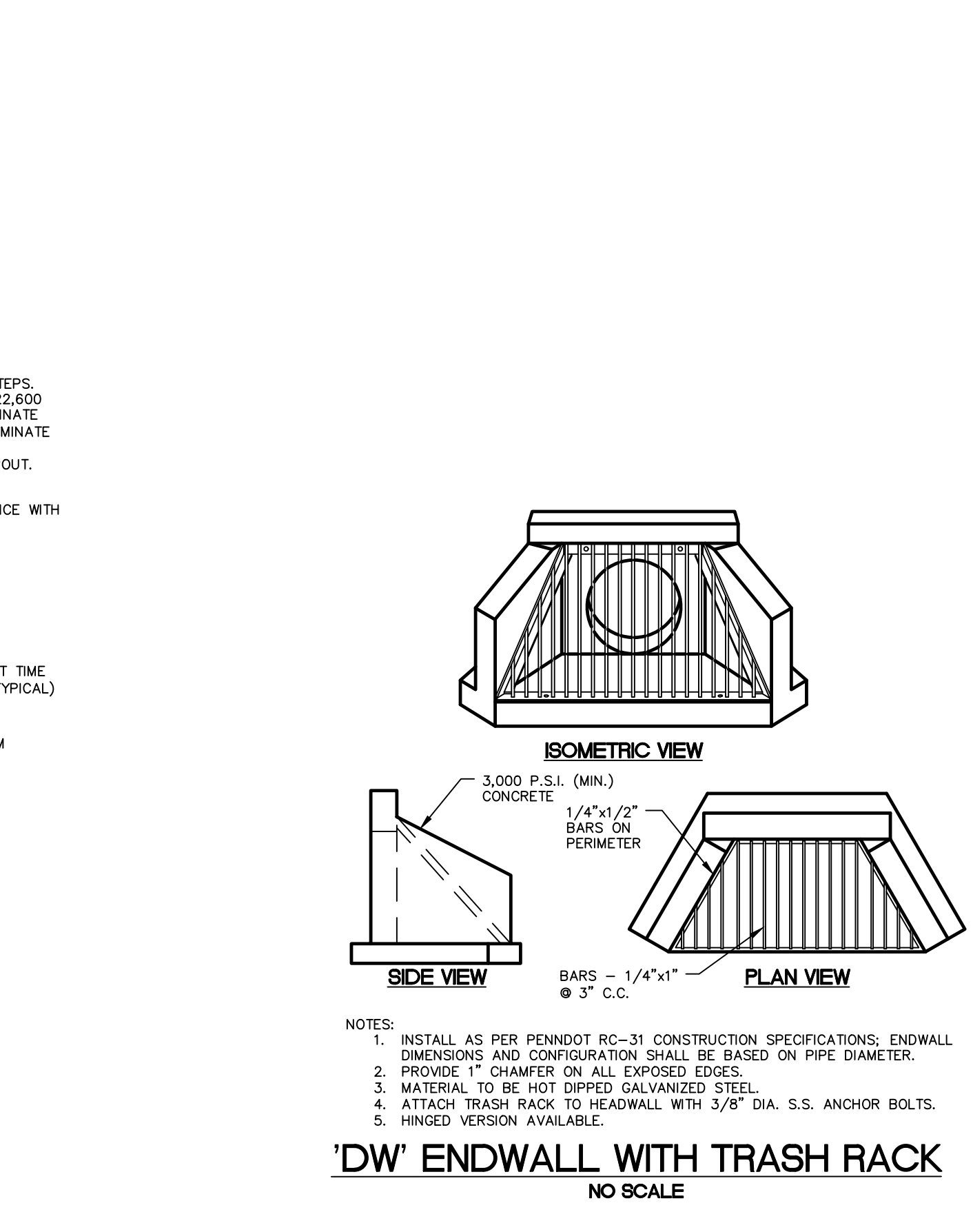


TYPICAL PRECAST 2'x4\"/>

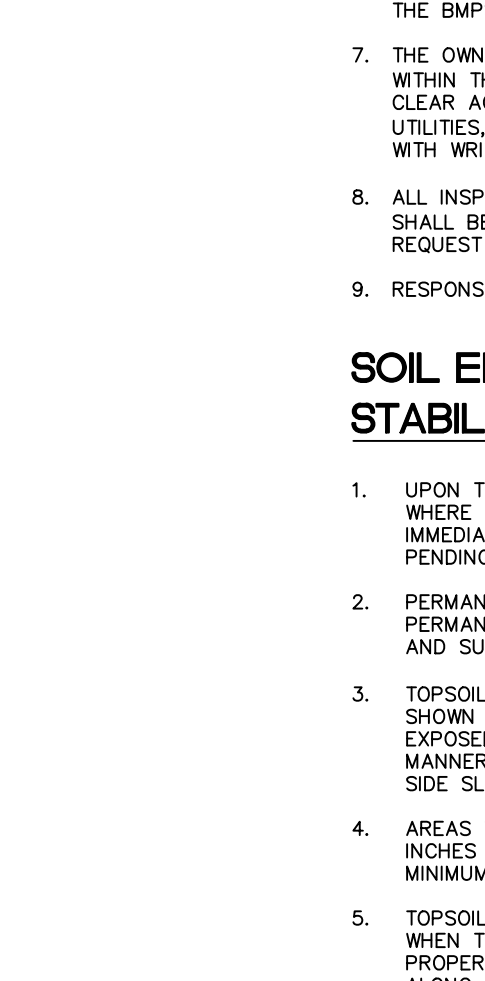
| INLET NUMBER | FILTERS AND SUMP ONLY | SUMPS ONLY |
|--------------|-----------------------|------------|
| A4 | NO | YES |
| A5 | NO | NO |
| A8 | YES | NO |
| A9 | YES | NO |
| A10 | YES | NO |
| E2 | NO | YES |
| C2 | NO | YES |
| C7 | NO | YES |
| E2 | NO | YES |



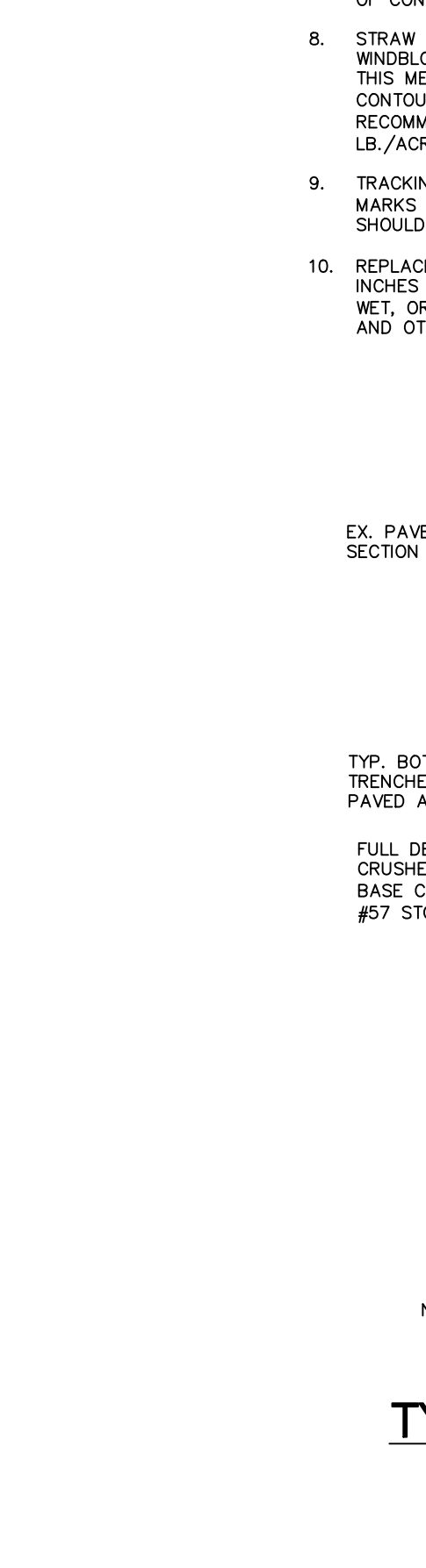
TYPICAL INLET SUMP DETAIL
NO SCALE



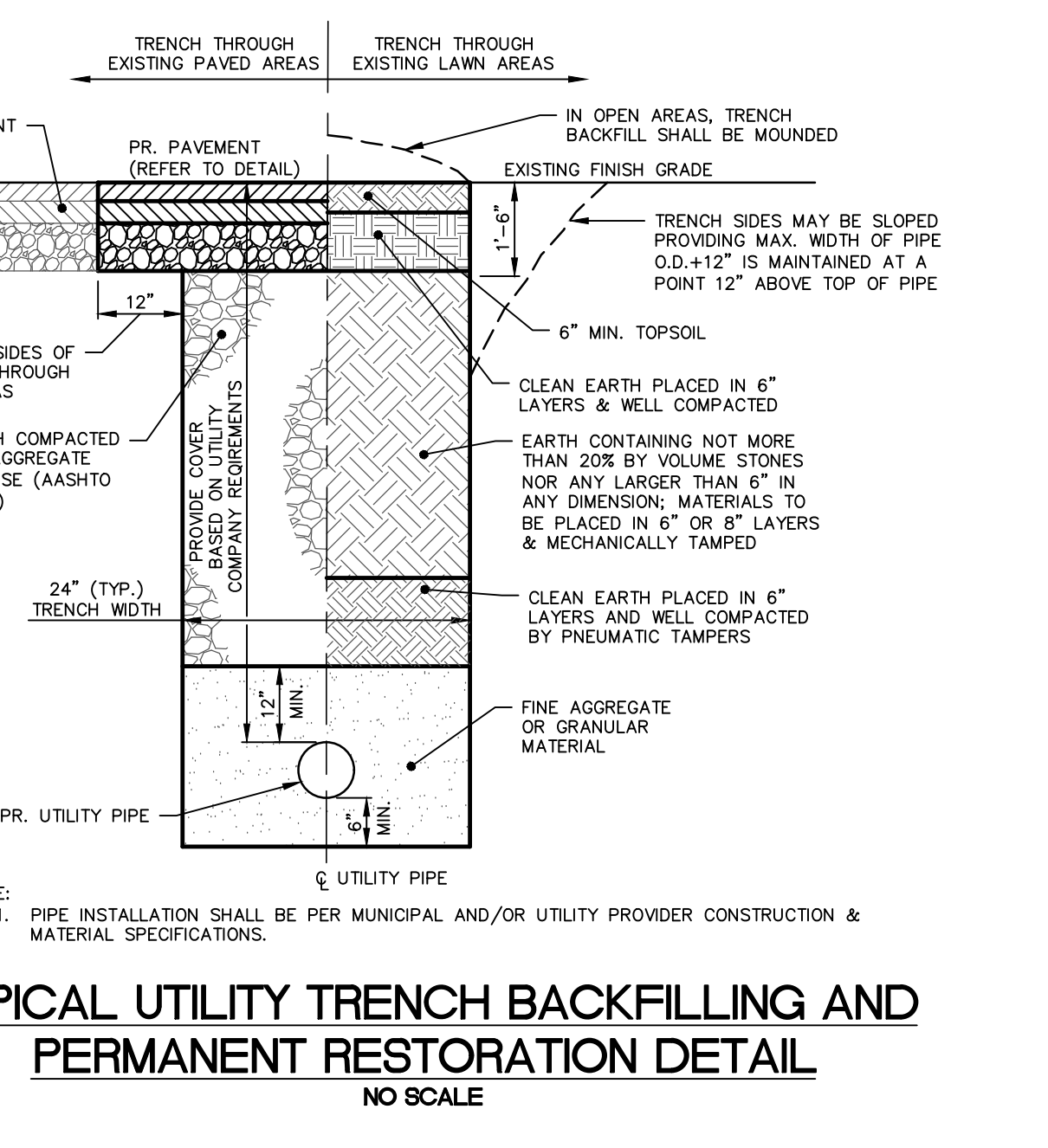
TYPICAL PRECAST CONCRETE STORMWATER MANHOLE
NO SCALE



TYPICAL DOWNSPOUT CONNECTION TO PROPOSED STORM SEWER
NO SCALE



'DW' ENDWALL WITH TRASH RACK
NO SCALE



TYPICAL UTILITY TRENCH BACKFILLING AND PERMANENT RESTORATION DETAIL
NO SCALE

INSPECTION / MAINTENANCE / REPAIRS FOR BMP FACILITIES

- STORMWATER MANAGEMENT BMP'S SHALL BE INSPECTED BY THE LANDOWNER OR THE OWNER'S DESIGNEE ACCORDING TO THE FOLLOWING LIST OF MINIMUM FREQUENCIES:
- AT LEAST FOUR TIMES EACH YEAR.
 - DURING OR IMMEDIATELY AFTER THE CESSATION OF A STORM EVENT EXCEEDING 1 INCH OF RAINFALL.
- ALL WASTE AND MATERIALS DEPOSITED IN AND REMOVED FROM POST CONSTRUCTION STORMWATER MANAGEMENT (PCSM) BMP FACILITIES AND FROM IMPERVIOUS AREAS (EX. SWEEPING OF STREETS AND PARKING LOTS) DURING OPERATION AND MAINTENANCE SHALL BE REMOVED FROM THE SITE AND PROPERLY DISPOSED OF IN ACCORDANCE WITH THE DEPARTMENT'S SOLID WASTE MANAGEMENT REGULATIONS AT 25 PA CODE 280.1 ET SEQ., 271.1, AND 287.1 ET. SEQ. NO WASTE MATERIALS SHALL BE BURIED, DUMPED, OR DISCHARGED AT THE SITE.
- DETENTION BASINS**
- MAINTENANCE & INSPECTION**
- INSPECTION SHALL INCLUDE DETENTION BASIN MEADOW OR GRASS AREAS, OUTLET CONTROL STRUCTURE, INLET STRUCTURES, AND AREAS DRAINING TO BEDS.
 - IF FOUND DURING INSPECTIONS, REMOVE SEDIMENT, TRASH AND OTHER DEBRIS FROM DETENTION BASIN MEADOW AND GRASS AREAS, INLET STRUCTURES AND AREAS DRAINING TO BASINS, IMMEDIATELY IMPLEMENT NEEDED REPAIRS OR ACTIONS.
 - DURING INSPECTIONS AFTER RAIN EVENTS, INSPECT DETENTION BASIN MEADOW OR GRASS AREAS AND INLETS TO DETERMINE IF THE FACILITIES DRAIN BETWEEN 24 AND 72 HOURS.
 - MAINTAIN DETENTION BASIN MEADOW AREAS IN GOOD CONDITION (I.E. UNIFORM PERENNIAL VEGETATIVE COVERAGE). IMMEDIATELY STABILIZE BARE SPOTS OR ERODED AREAS, RESTRICT MOWING OF BED MEADOW AREAS TO ONCE EACH SPRING AND ONCE EACH FALL, DURING DRY PERIODS GREATER THAN 72 HOURS AFTER STORM/RAINFALL EVENTS.
 - MAINTAIN DETENTION BASIN GRASS AREAS IN GOOD CONDITION, GRASS STABILIZATION (I.E. >70% UNIFORM PERENNIAL 3\"/>
- REPAIR OR REPLACEMENT - DETENTION BASIN**
- IF OUTLET STRUCTURE IS DAMAGED OR WORN IN ANY WAY THAT ALTERS THE INTENDED FUNCTIONALITY, REPAIR OR REPLACE AS NECESSARY TO RETURN STRUCTURE TO FUNCTIONING ORDER INCLUDING WEAR PLATE, SEALS, AND GRATES.
- SUBSURFACE DETENTION BEDS**
- MAINTENANCE & INSPECTION**
- INSPECTION SHALL INCLUDE SUBSURFACE DETENTION BED MEADOW OR GRASS AREAS, OUTLET CONTROL STRUCTURE, INLET STRUCTURES, AND AREAS DRAINING TO BEDS.
 - IF FOUND DURING INSPECTIONS, REMOVE SEDIMENT, TRASH AND OTHER DEBRIS FROM SUBSURFACE DETENTION BED MEADOW AND GRASS AREAS, INLET STRUCTURES AND AREAS DRAINING TO BEDS, IMMEDIATELY IMPLEMENT NEEDED REPAIRS OR ACTIONS.
 - DURING INSPECTIONS AFTER RAIN EVENTS, INSPECT SUBSURFACE DETENTION BED MEADOW OR GRASS AREAS AND INLETS TO DETERMINE IF THE FACILITIES DRAIN BETWEEN 24 AND 72 HOURS.
 - MAINTAIN SUBSURFACE DETENTION BED MEADOW AREAS IN GOOD CONDITION (I.E. UNIFORM PERENNIAL VEGETATIVE COVERAGE). IMMEDIATELY STABILIZE BARE SPOTS OR ERODED AREAS, RESTRICT MOWING OF BED MEADOW AREAS TO ONCE EACH SPRING AND ONCE EACH FALL, DURING DRY PERIODS GREATER THAN 72 HOURS AFTER STORM/RAINFALL EVENTS.
 - MAINTAIN SUBSURFACE DETENTION BED GRASS AREAS IN GOOD CONDITION, GRASS STABILIZATION (I.E. >70% UNIFORM PERENNIAL 3\"/>
- REPAIR OR REPLACEMENT - SUBSURFACE DETENTION BEDS**
- IF OUTLET STRUCTURE IS DAMAGED OR WORN IN ANY WAY THAT ALTERS THE INTENDED FUNCTIONALITY, REPAIR OR REPLACE AS NECESSARY TO RETURN STRUCTURE TO FUNCTIONING ORDER INCLUDING WEAR PLATE, SEALS, AND GRATES.
 - IF CHAMBER SYSTEM BECOMES DAMAGED OR WORN, NEW PARTS SHALL BE OBTAINED FROM THE ORIGINAL SYSTEM MANUFACTURER.
- INLET FILTER BASKETS (MANUFACTURER'S SPECIFICATION)**
- RECOMMENDED FREQUENCY OF SERVICE:**
- DRAINAGE PROTECTION SYSTEMS (DPS) RECOMMENDS THAT INSTALLED FLO-GARD-PLUS® CATCH BASIN INSERT FILTERS BE SERVICED ON A RECURRING BASIS. IT IS RECOMMENDED THAT EACH INSTALLATION BE SERVICED A MINIMUM OF THREE TIMES PER YEAR, WITH A CHANGE OF FILTER MEDIUM EACH PER YEAR.
- RECOMMENDED TIMING OF SERVICE:**
- DPS GUIDELINES FOR THE TIMING OF SERVICE ARE AS FOLLOWS:
- FOR AREAS SUBJECT TO YEAR-ROUND RAINFALL: ON A RECURRING BASIS, THREE TIMES PER YEAR (NOVEMBER, MARCH AND JULY).
 - FOR AREAS WITH WINTER SNOW AND SUMMER RAIN: PRIOR TO AND JUST AFTER THE SNOW SEASON AND DURING THE SUMMER RAIN SEASON.
 - FOR AREAS WITH EXCESSIVE DEBRIS AND SEDIMENT, UPON DISCOVERING FULL OR CLOGGED FILTERS, INSPECTIONS SHOULD BE DONE MONTHLY AND SERVICE PERFORMED WHEN FILTER IS TWO-THIRDS (2/3) OF THE WAY FULL.
- SERVICE PROCEDURES:**
- THE CATCH BASIN GRATE SHALL BE REMOVED AND SET TO ONE SIDE. THE CATCH BASIN SHALL BE VISUALLY INSPECTED FOR DEFECTS AND POSSIBLE ILLEGAL DUMPING. IF ILLEGAL DUMPING HAS OCCURRED, THE PROPER AUTHORITIES AND PROPERTY OWNER REPRESENTATIVE SHALL BE NOTIFIED AS SOON AS PRACTICABLE.
 - USING AN INDUSTRIAL VACUUM, THE COLLECTED MATERIALS SHALL BE REMOVED FROM THE LNER. (NOTE: DPS USES A TRUCK-MOUNTED VACUUM FOR SERVICES FLO-GARD-PLUS® CATCH BASIN INSERTS).
 - WHEN ALL OF THE COLLECTED MATERIALS HAVE BEEN REMOVED, THE FILTER MEDIUM POUCHES SHALL BE REMOVED BY UNZIPPING THE TETHER FROM THE D-RING AND SET TO ONE SIDE. THE FILTER LINER, GASKETS, STAINLESS STEEL FRAME AND MOUNTING BRACKETS, ETC. SHALL BE INSPECTED FOR CORROSION, CRACKS, MINOR DAMAGE OR DEFECTS FOUND SHALL BE CORRECTED ON-THE-SPOT AND A NOTATION MADE ON THE MAINTENANCE RECORD. MORE EXTENSIVE DEFICIENCIES THAT AFFECT THE EFFICIENCY OF THE FILTER (FORM LINER, ETC.) IF APPROVED BY THE CUSTOMER REPRESENTATIVE, WILL BE CORRECTED AND AN INVOICE SUBMITTED TO THE REPRESENTATIVE ALONG WITH THE MAINTENANCE RECORD.
 - THE FILTER MEDIUM POUCHES SHALL BE INSPECTED FOR DEFECTS AND CONTINUED SERVICEABILITY AND REPLACED AS NECESSARY AND THE POUCH TETHERS RE-ATTACHED TO THE LNER'S D-RING. SEE BELOW.
 - THE GRATE SHALL BE REINSTALLED.
- REPLACEMENT AND DISPOSAL OF EXPOSED FILTER MEDIUM AND COLLECTED DEBRIS:**
- DURING THE APPROPRIATE SERVICE, THE FILTER MEDIUM POUCHES WILL BE REPLACED WITH NEW POUCHES. ONCE THE EXPOSED POUCHES AND DEBRIS HAVE BEEN REMOVED, IT MUST DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL AGENCY REQUIREMENTS.
- INLET SUMPS**
- MAINTENANCE & INSPECTION**
- INLETS SHALL BE INSPECTED WEDDLY DURING CONSTRUCTION, POST-CONSTRUCTION, THEY SHALL BE EMPTIED WHEN OVER HALF FULL OF SEDIMENT (AND TRASH) AND CLEANED AT LEAST TWICE A YEAR.
 - THEY SHALL BE INSPECTED AFTER RAINFALL EVENTS OF 1 INCH OR GREATER.
 - CHECKING SEDIMENT DEPTH AND NOTING THE SURFACE POLLUTANTS IN THE STRUCTURE WILL BE HELPFUL IN PLANNING MAINTENANCE. THE POLLUTANTS COLLECTED IN STRUCTURES WILL CONSIST OF GRIT AND SEDIMENT ON THE BOTTOM OF THE STRUCTURE.
 - IT IS BEST TO SCHEDULE MAINTENANCE BASED ON THE SOLIDS COLLECTED IN THE SUMP. OPTIMALLY, THE STRUCTURE SHOULD BE CLEANED WHEN THE SUMP IS HALF FULL (E.G. WHEN 6 INCHES OF MATERIAL COLLECTS IN A 12 INCH SUMP, CLEAN IT OUT).
 - MAINTENANCE IS BEST DONE WITH A VACUUM TRUCK.
 - ACCUMLATION OF POLLUTANTS IN A STRUCTURE.
 - MAINTENANCE IS BEST DONE WITH A VACUUM TRUCK.
 - ALL COLLECTED WASTES SHALL BE DISPOSED OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL AGENCY REQUIREMENTS.
- PERMANENT VEGETATED SWALES AND DIVERSION BERMS**
- MAINTENANCE & INSPECTION**
- INSPECTION SHALL INCLUDE SWALE BOTTOM AND SIDE SLOPE GRASS AREAS.
 - IF FOUND DURING INSPECTIONS, REMOVE SEDIMENT, TRASH AND OTHER DEBRIS FROM SWALE. IMMEDIATELY IMPLEMENT NEEDED REPAIRS OR ACTIONS.
 - MAINTAIN SWALE GRASS AREAS IN GOOD CONDITION (I.E. UNIFORM PERENNIAL VEGETATIVE COVERAGE). IMMEDIATELY STABILIZE BARE SPOTS OR ERODED AREAS, RESTRICT MOWING OF SWALE GRASS AREAS TO ONCE EACH SPRING AND ONCE EACH FALL, DURING DRY PERIODS GREATER THAN 72 HOURS AFTER STORM/RAINFALL EVENTS.
 - SWALES SHOULD BE KEPT FREE OF ALL WEEDY, BRUSHY OR WOODY GROWTH.
 - PROHIBIT STORAGE OF HAZARDOUS MATERIALS ON ANY AREA THAT DRAINS TO SWALE AND SURFACE WATERS.

ROYAL FARMS

NO. DATE REVISION PER TWP START COMMENTS
1 02/08/22
2 04/12/22

ROYAL FARMS

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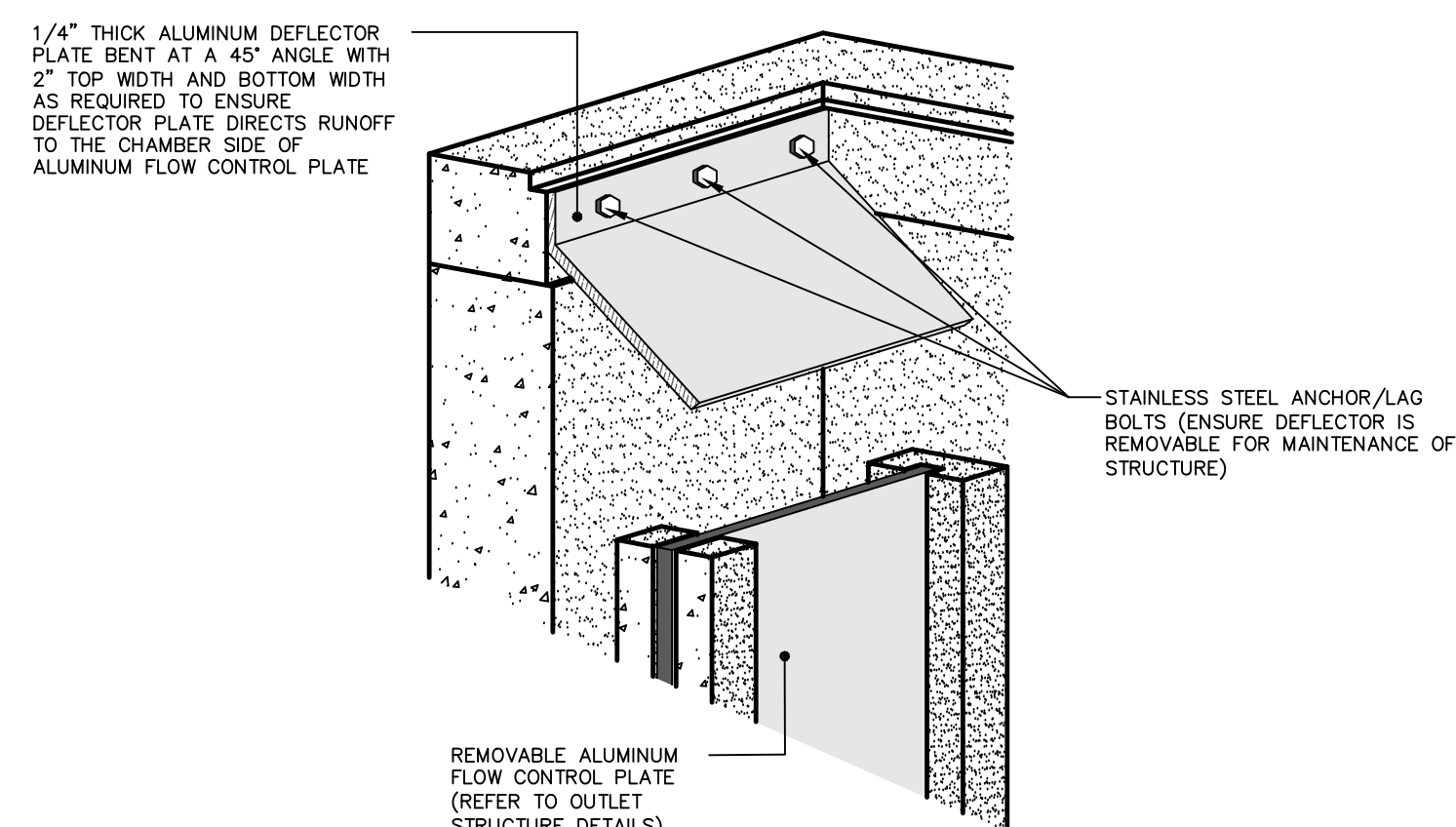
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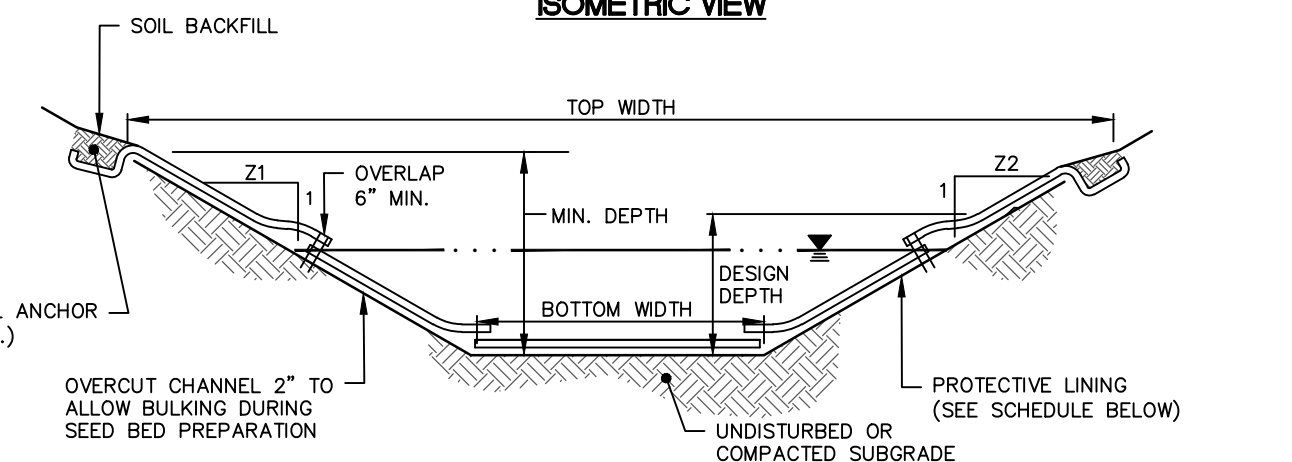
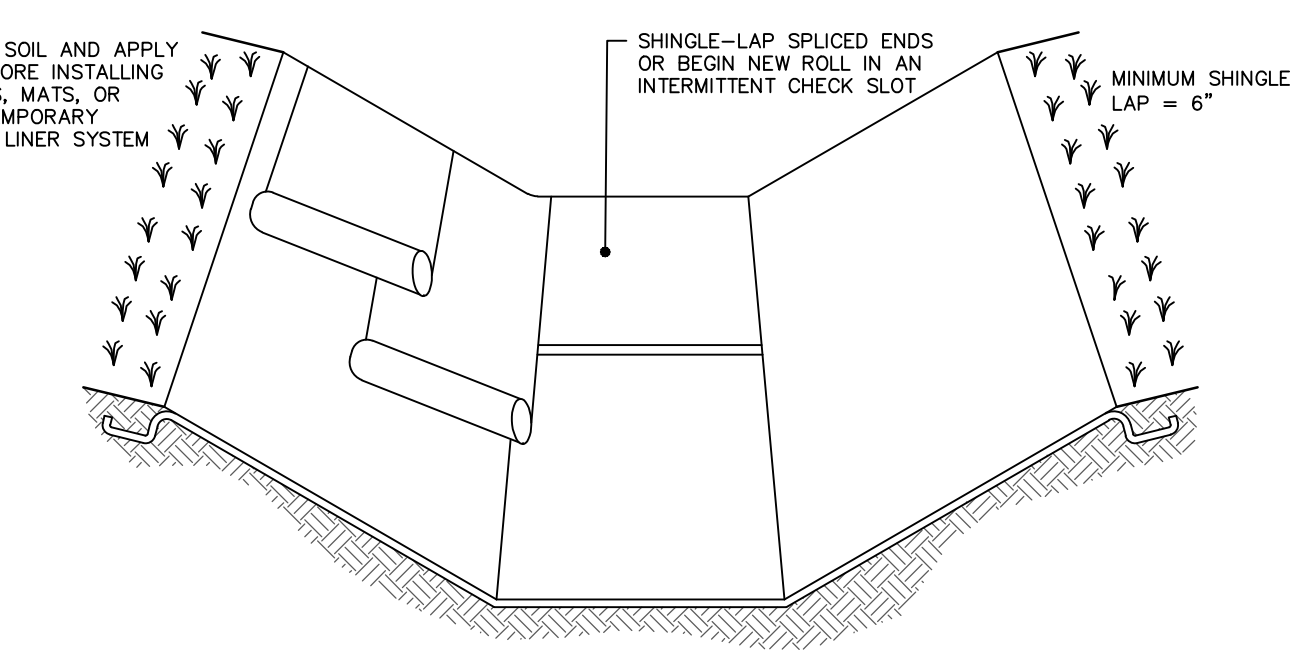
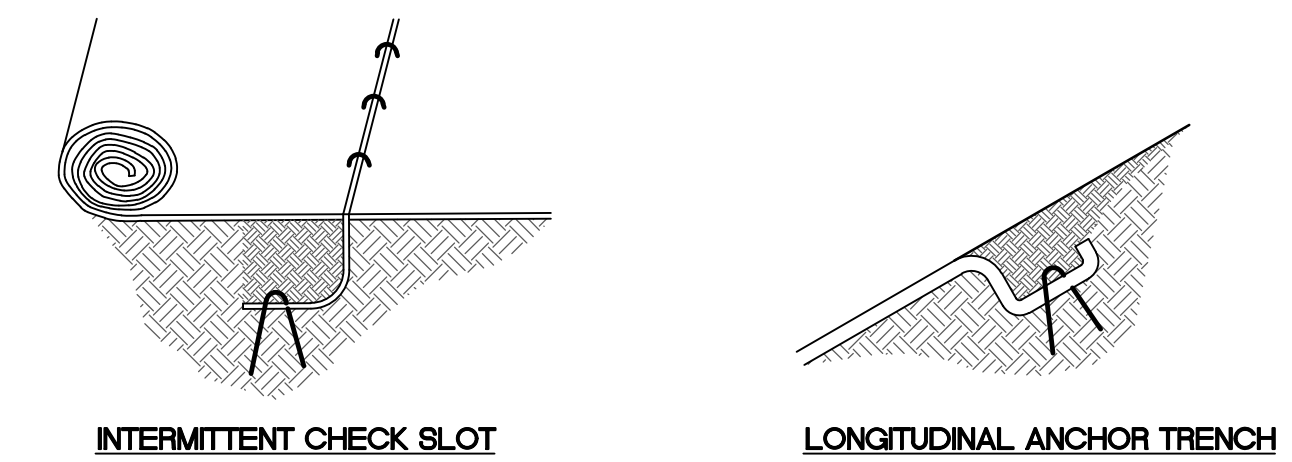
FOR
TWO FARMS, INC.
732 EAST FOREST AVENUE
SHREWSBURY TOWNSHIP, YORK COUNTY, PENNSYLVANIA

THE
POST CONSTRUCTION STORMWATER MANAGEMENT NOTES AND DETAILS

SCALE AS NOTED
DRAWN BY CIF
CHECKED BY AWA
CONTACT AWA
DATE 12.14.21
FILE NAME 993.1B-FLD-LOT2
JOB NO. 993.1B
SHEET NO. C-15
REV. 2



OUTLET STRUCTURE REMOVABLE ALUMINUM DEFLECTOR PLATE DETAIL
NO SCALE

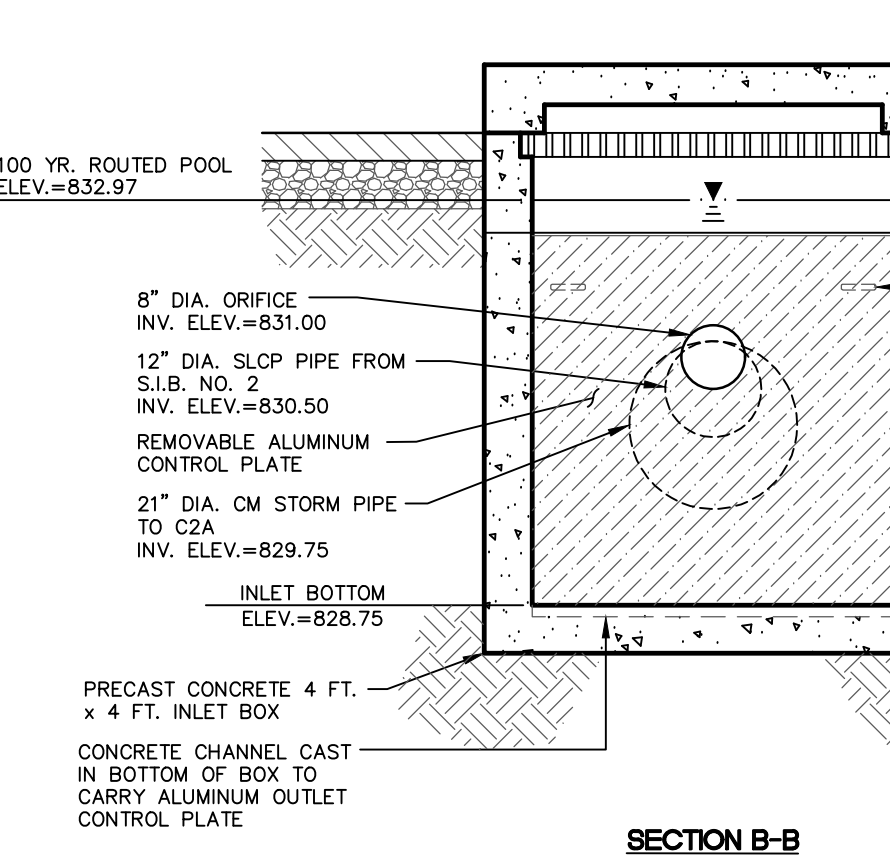


SWALE SCHEDULE

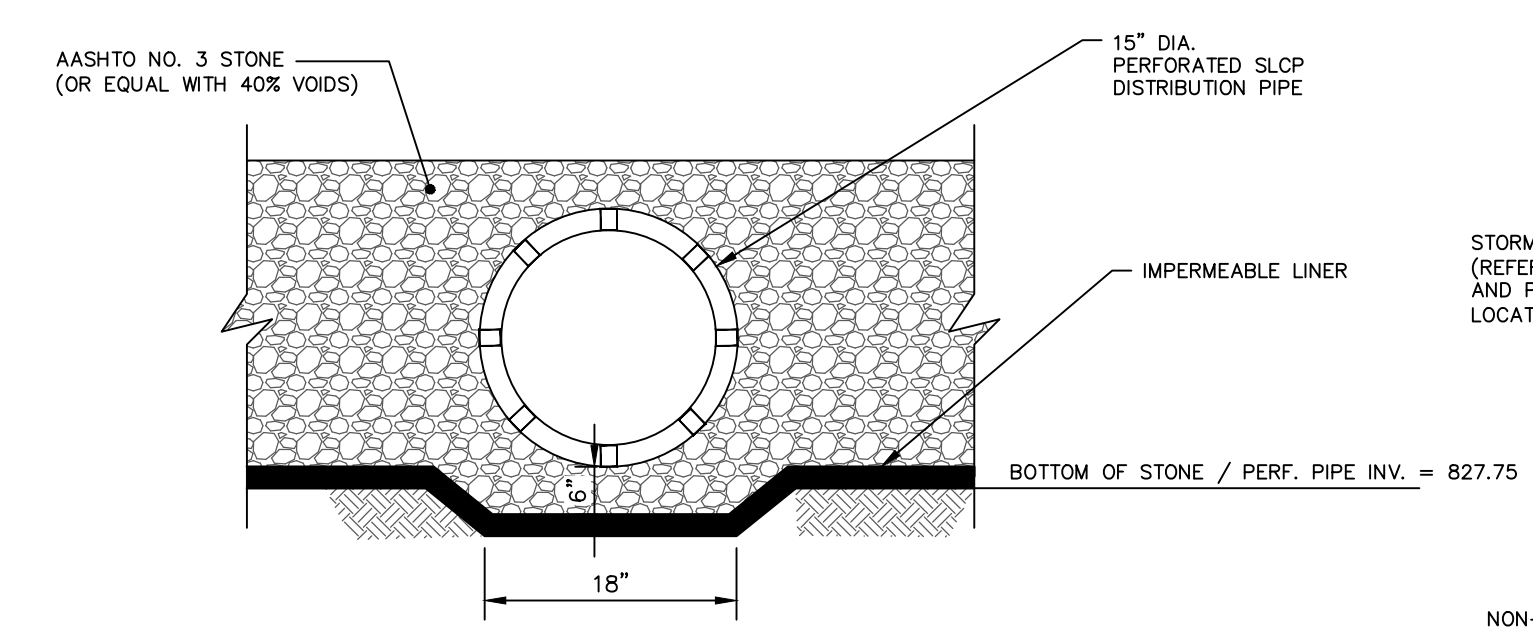
| SWALE NO. | Z1 (FT) | Z2 (FT) | BOTTOM WIDTH (FT) | TOP WIDTH (FT) | MIN. DEPTH (FT) | LINING |
|-----------|---------|---------|-------------------|----------------|-----------------|-------------|
| 1 | 2 | 1.5 | 5.5 | 11.0 | 1.0 | N.A.G. D575 |
| 2 | 2 | 2.5 | 6.5 | 13.0 | 1.0 | N.A.G. D575 |
| 3 | 2 | 2 | 1.5 | 5.5 | 1.0 | N.A.G. D575 |

- NOTES:**
- ALL GEOTEXTILE FABRIC TO BE INSTALLED/ANCHORED PER MANUFACTURER'S RECOMMENDATIONS.
 - ALTERNATIVE EROSION CONTROL MATTING MAY BE PROVIDED UPON APPROVAL OF ENGINEER AND THE COUNTY CONSERVATION DISTRICT.
 - ANCHOR TRENCHES SHALL BE INSTALLED AT BEGINNING AND END OF CHANNEL IN THE SAME MANNER AS LONGITUDINAL ANCHOR TRENCHES.
 - CHANNEL DIMENSIONS SHALL BE CONSTANTLY MAINTAINED. CHANNEL SHALL BE CLEANED WHENEVER TOTAL CHANNEL DEPTH IS REDUCED BY 25% AT ANY LOCATION. SEDIMENT DEPOSITS SHALL BE REMOVED WITHIN 24 HOURS OF DISCOVERY OR AS SOON AS SOIL CONDITIONS PERMIT ACCESS TO CHANNEL WITHOUT FURTHER DAMAGE. DAMAGED LINING SHALL BE REPAIRED OR REPLACED WITHIN 48 HOURS OF DISCOVERY.
 - ALL CHANNELS MUST BE KEPT FREE OF OBSTRUCTIONS SUCH AS FILL, GROUND, FALLEN LEAVES AND WOODY DEBRIS, ACCUMULATED SEDIMENT, AND CONSTRUCTION MATERIALS/WASTES. CHANNELS SHOULD BE KEPT MOWED AND/OR FREE OF ALL WEEDY, BRUSHY OR WOODY GROWTH. ANY UNDERGROUND UTILITIES RUNNING ACROSS/THROUGH THE CHANNEL(S) SHALL BE IMMEDIATELY BACKFILLED AND THE CHANNEL(S) REPAIRED AND STABILIZED PER THE CHANNEL CROSS-SECTION DETAIL.
 - VEGETATED CHANNELS SHALL BE CONSTRUCTED FREE OF ROCK, TREE ROOTS, STUMPS OR OTHER PROJECTIONS THAT WILL IMPED NORMAL FLOW AND/OR PREVENT GOOD LINING TO SOIL CONTACT. THE CHANNEL SHALL BE INITIALLY OVER-EXCAVATED TO ALLOW FOR THE PLACEMENT OF TOPSOIL.

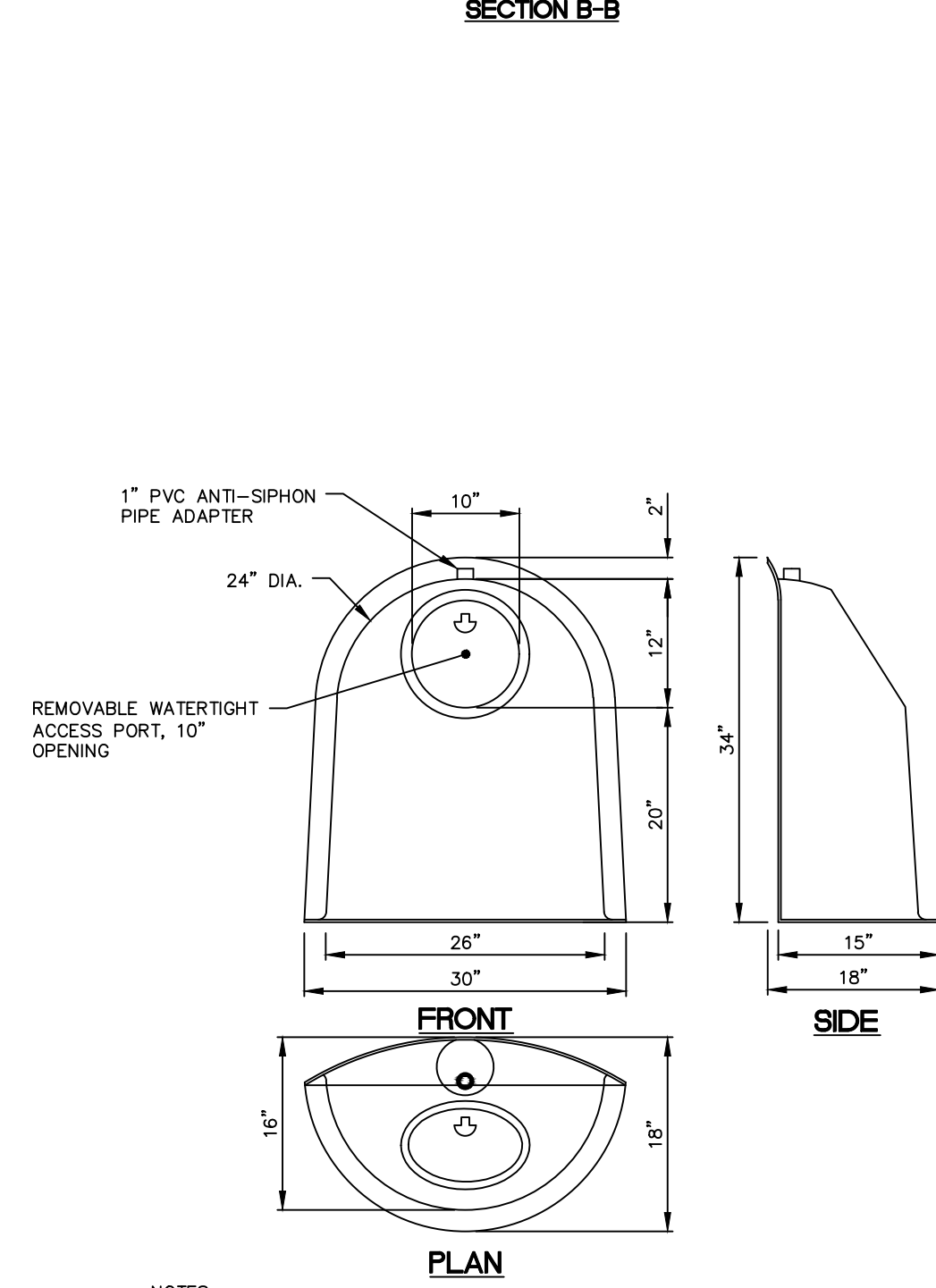
FABRIC/GRASS LINED SWALE CROSS-SECTION AND SCHEDULE
NO SCALE



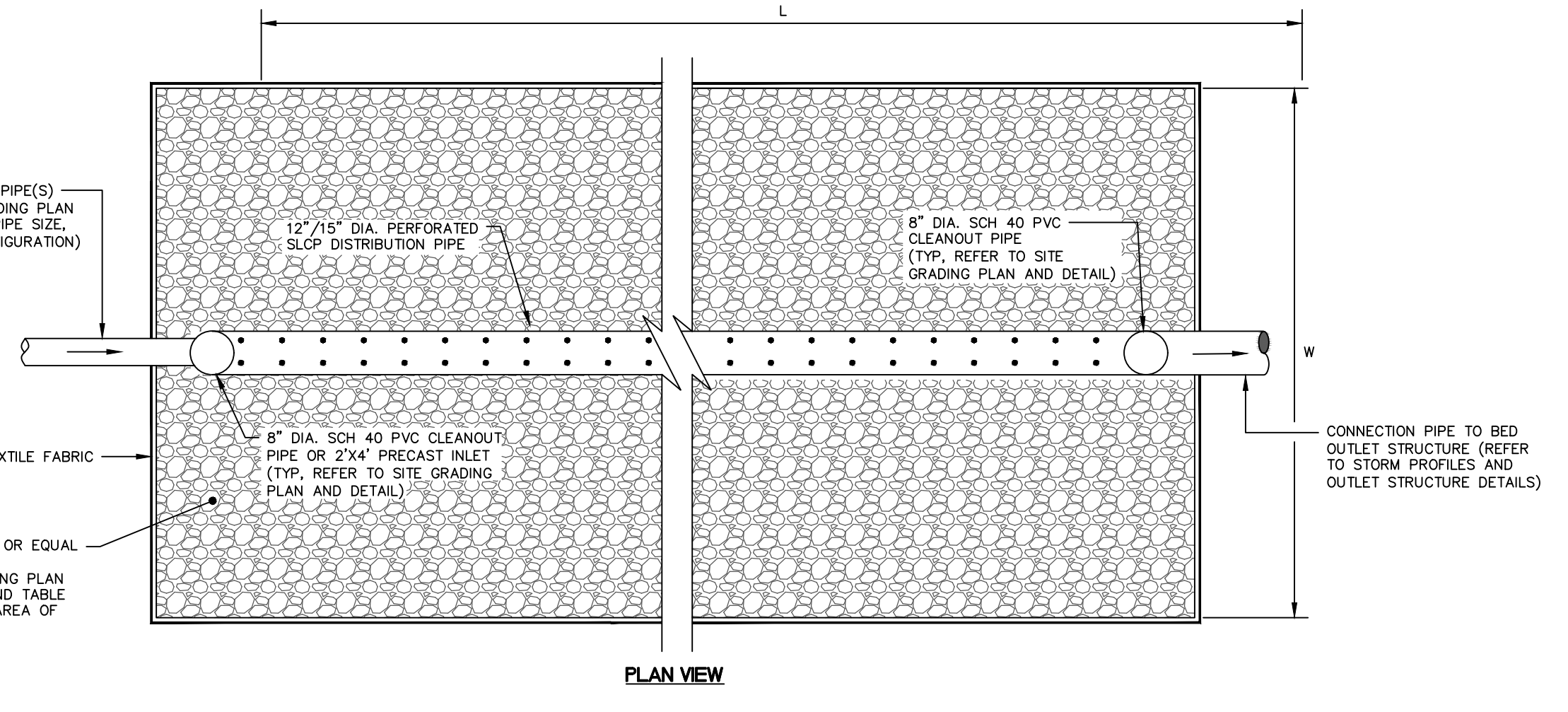
- NOTES:**
- CONSTRUCT OUTLET CONTROL STRUCTURE PER PENNDOT RC-34 SPECIFICATIONS, WITH A 2'x4' INLET BOX WITH A STANDARD TYPE 'C' INLET TOP.
 - REFER TO SITE GRADING PLAN AND SITE UTILITY PLAN FOR EXACT OUTLET PIPE CONFIGURATION FROM OUTLET STRUCTURE TO PIPE OUTFALL AND FOR LOCATION AND LIMITS OF SUBSURFACE INFILTRATION BED.
 - OUTLET STRUCTURE TO BE SUPPLIED BY MONARCH PRODUCTS, INC., OR EQUAL APPROVED BY PROJECT ENGINEER.
- SUBSURFACE INFILTRATION BED (S.I.B.) NO. 2 OUTLET CONTROL STRUCTURE (C2) DETAIL**
NO SCALE



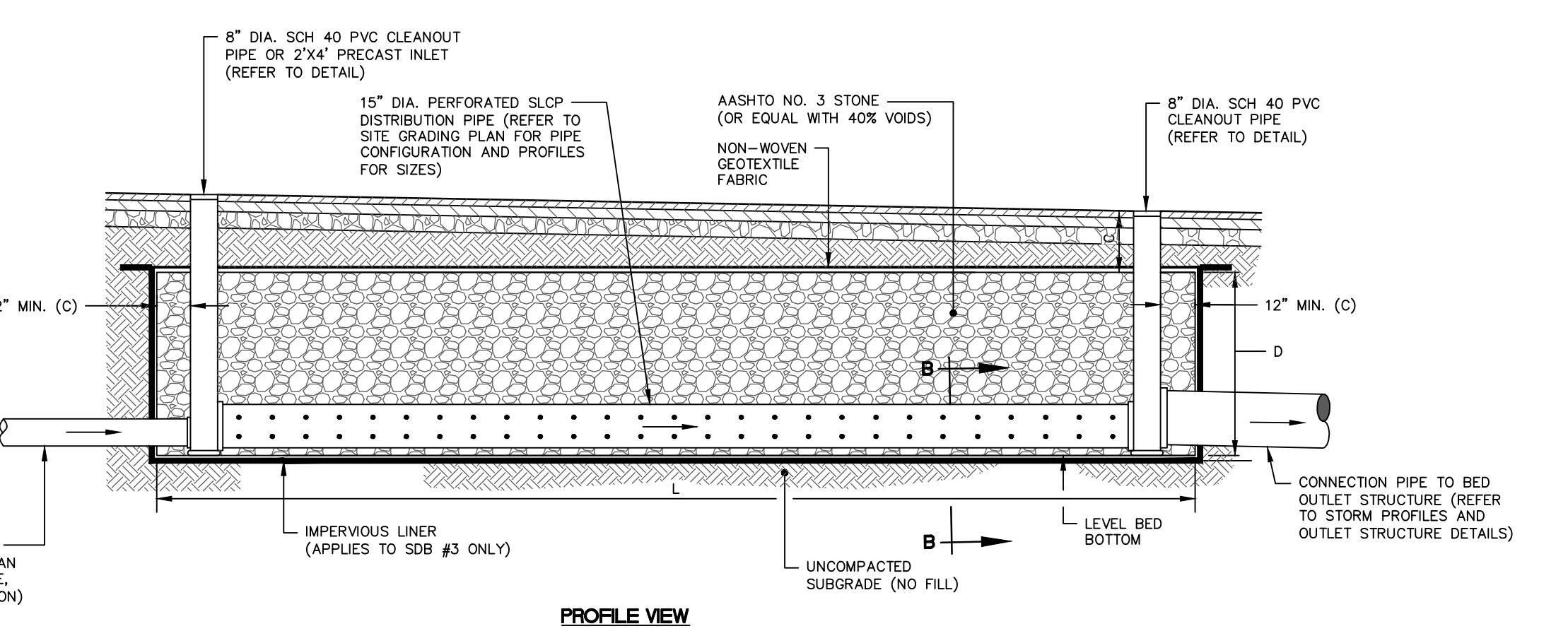
SECTION B-B



TYPICAL 24R SNOUT OIL-DEBRIS HOOD BY BMP, INC.
NO SCALE



PLAN VIEW



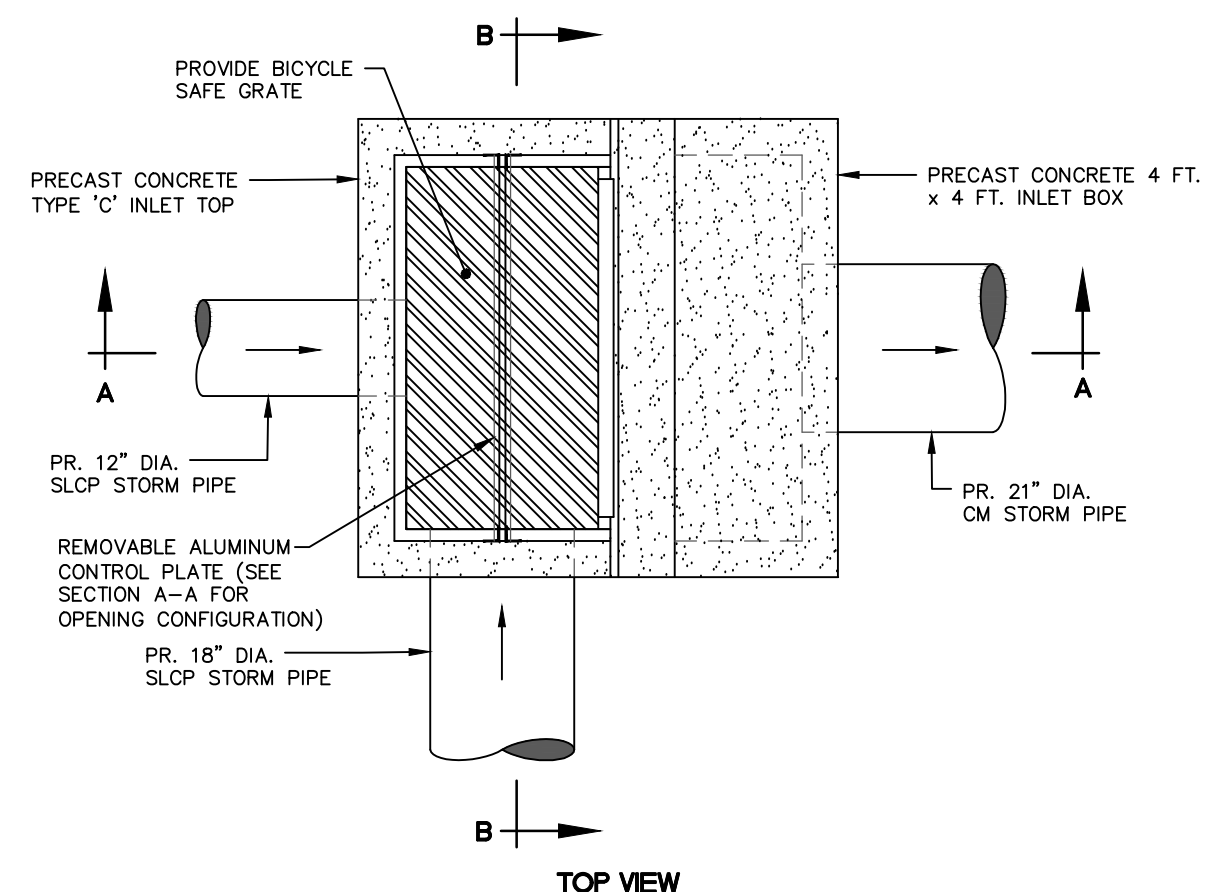
PROFILE VIEW

*** DESIGN LIMITS**

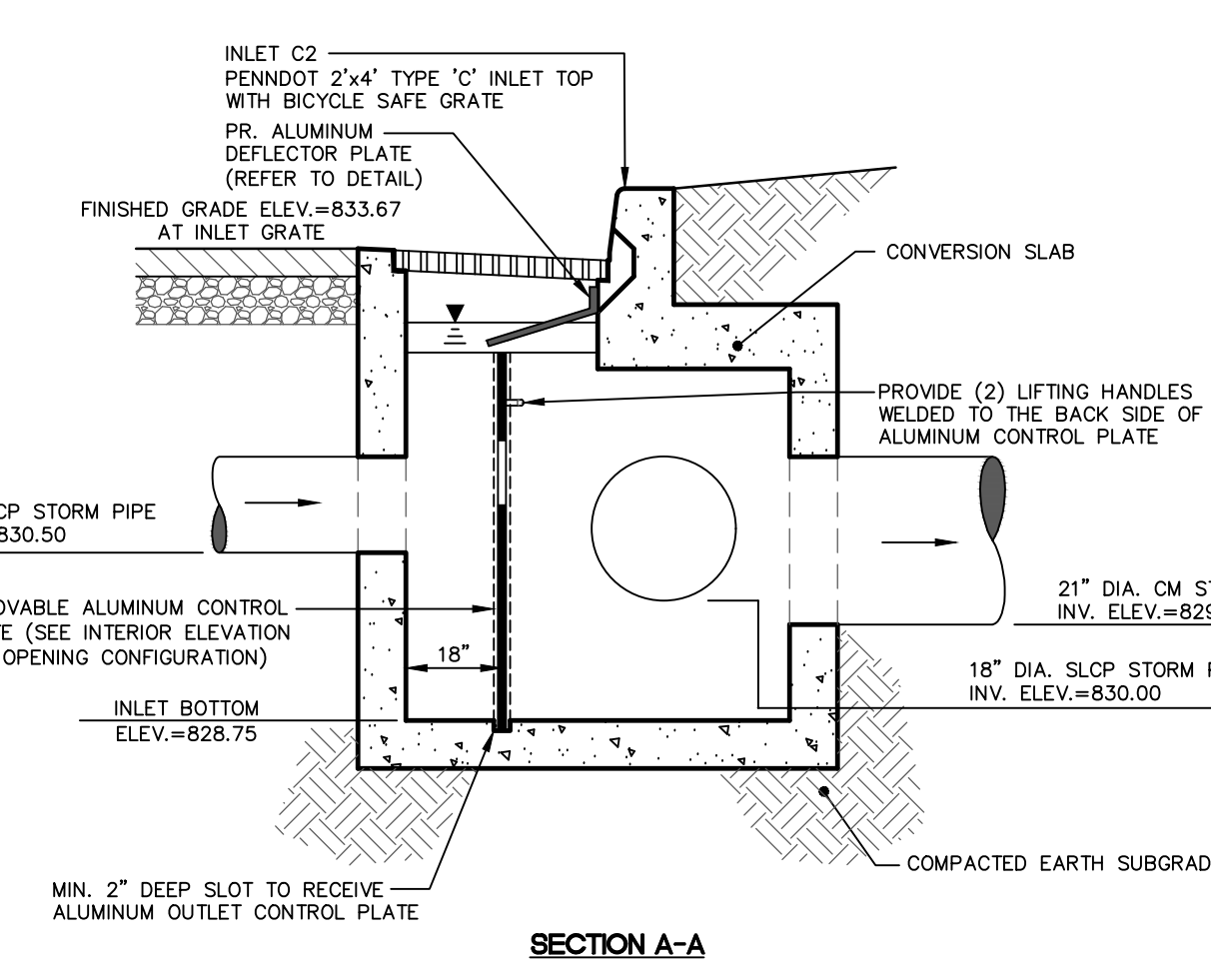
| FACILITY NO. | C (N.) | D (N.) | L (FT.) | S (N.) | W (FT.) | MINIMUM AREA OF BED (S.F.) | STONE TOP ELEV. | STONE BOTTOM ELEV. | PERF. PIPE ELEV. | SUMP ELEV. |
|--------------|---------|--------|---------|--------|---------|----------------------------|-----------------|--------------------|------------------|------------|
| SDB 3 | 12 MIN. | 36 | 200 | 12 | 25 | 5,000 | 830.75 | 827.75 | 827.75 | N/A |

- NOTES:**
- ALL CLEANOUTS SHALL CONTAIN THREADED CAPS. REFER TO SITE PLAN FOR LOCATION OF INLETS, CLEANOUTS, LOCATED WITHIN ALL SUBSURFACE STONE INFILTRATION BEDS. REFER TO ENLARGED GRADING PLAN AND PROFILES FOR TOP ELEVATIONS OF INLETS AND CLEANOUTS LOCATED WITHIN THE SUBSURFACE STONE INFILTRATION BEDS.
 - DISTRIBUTION PIPES FOR SUBSURFACE INFILTRATION BED SHALL BE CONTINUOUSLY PERFORATED SMOOTH INTERIOR, WITH A MINIMUM INSIDE DIAMETER OF 15 INCHES. SLOPE PIPE SHALL MEET AASHTO M252, TYPE S OR AASHTO M294, TYPE S.
 - CAPPED CLEANOUTS MUST BE PROVIDED AT 100 FOOT INTERVALS FROM ROOF DOWNSPOUTS TO SUBSURFACE INFILTRATION BED AND MAY BE PROVIDED AT ENDS OF DISTRIBUTION PIPES.
 - SUBSURFACE DETENTION BED 3 SHALL BE INSTALLED WITH AN IMPERVIOUS LINER IN ACCORDANCE WITH GEOTECHNICAL ENGINEER SPECIFICATIONS.

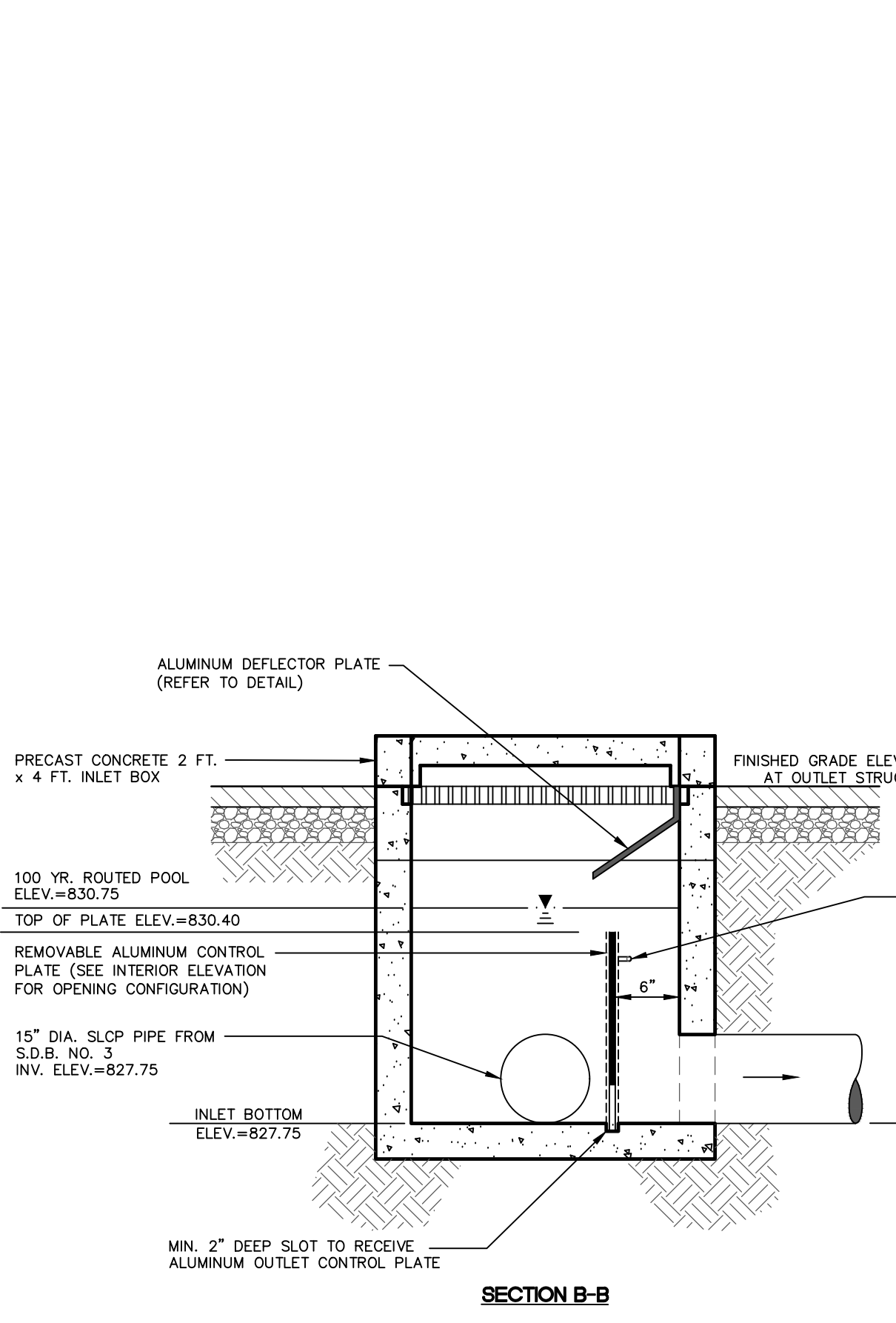
SUBSURFACE STONE DETENTION BED (S.D.B.) NO. 3
NO SCALE



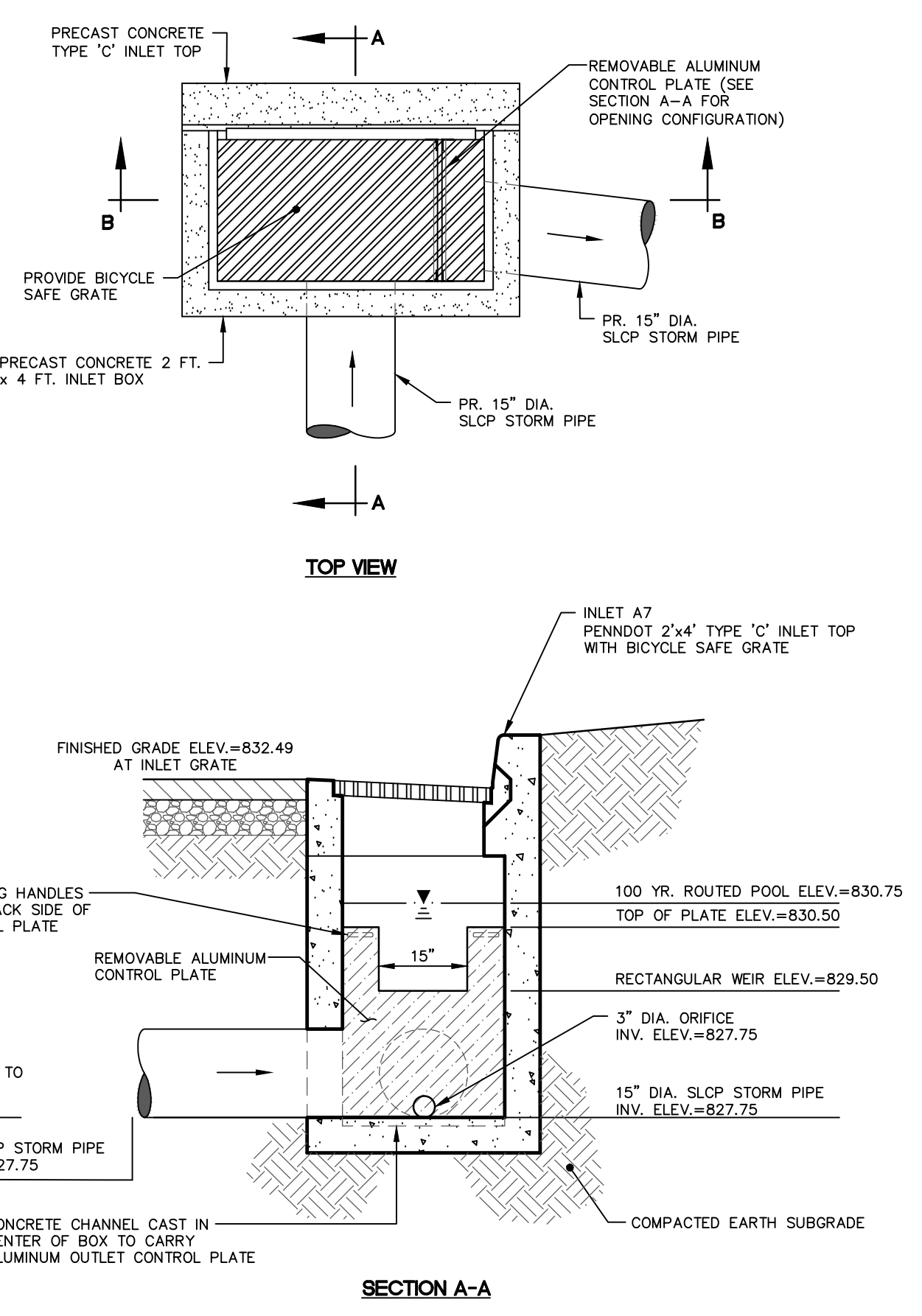
TOP VIEW



SECTION A-A



SECTION B-B



SECTION A-A

- NOTES:**
- CONSTRUCT OUTLET CONTROL STRUCTURE PER PENNDOT RC-34 SPECIFICATIONS, WITH A 2'x4' INLET BOX WITH A STANDARD TYPE 'C' INLET TOP.
 - REFER TO SITE GRADING AND UTILITY PLAN FOR EXACT OUTLET PIPE CONFIGURATION FROM OUTLET STRUCTURE TO PIPE OUTFALL AND FOR LOCATION AND LIMITS OF SUBSURFACE DETENTION BED.
 - OUTLET STRUCTURE TO BE SUPPLIED BY MONARCH PRODUCTS, INC., OR EQUAL APPROVED BY PROJECT ENGINEER.
- SUBSURFACE DETENTION BED (S.D.B.) NO. 3 OUTLET CONTROL STRUCTURE (A7) DETAIL**
NO SCALE

REVISIONS

| NO. | DATE | REVISIONS | COMMENTS |
|-----|----------|--------------------------------|----------|
| 1 | 02/08/22 | REVISED PER TWP STAFF COMMENTS | |
| 2 | 04/12/22 | REVISED PER DEP COMMENTS | |



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POST CONSTRUCTION STORMWATER MANAGEMENT DETAILS

PROPOSED REDEVELOPMENT FOR
TWO FARMS, INC.
732 EAST FOREST AVENUE
SHREWSBURY TOWNSHIP, YORK COUNTY, PENNSYLVANIA

SCALE AS NOTED

DRAWN BY CIF

CHECKED BY AWA

CONTACT AWA

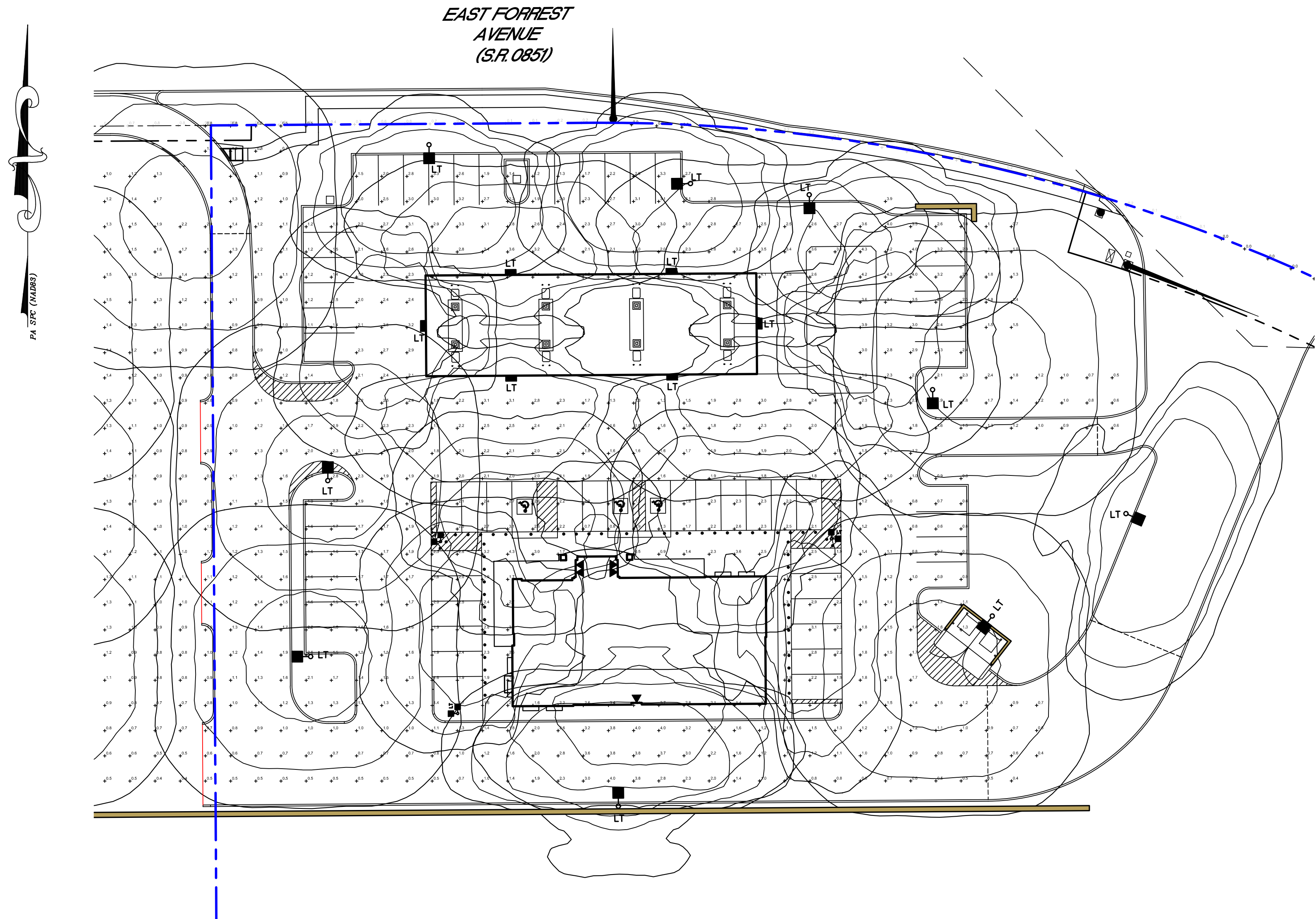
DATE 12.14.21

FILE NAME 993IB-FLD-LOT2

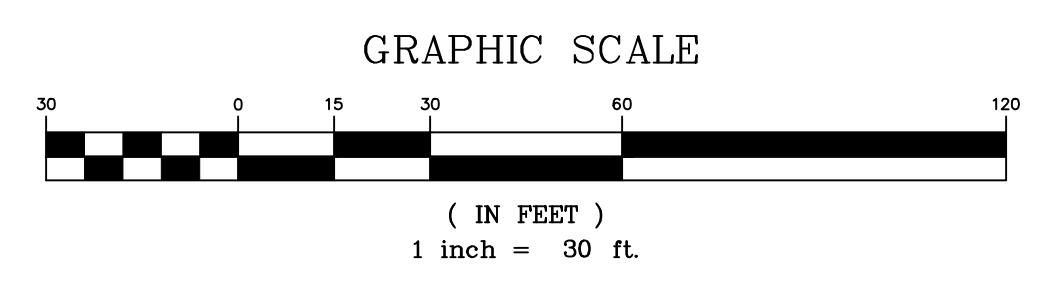
JOB NO. 993.IB

SHEET NO. C-17

REV. 2



NOTE: LIGHTING DESIGN PREPARED BY ILLUMINATIONS, INC.



D-Series Size 0 LED Area Luminaire

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)

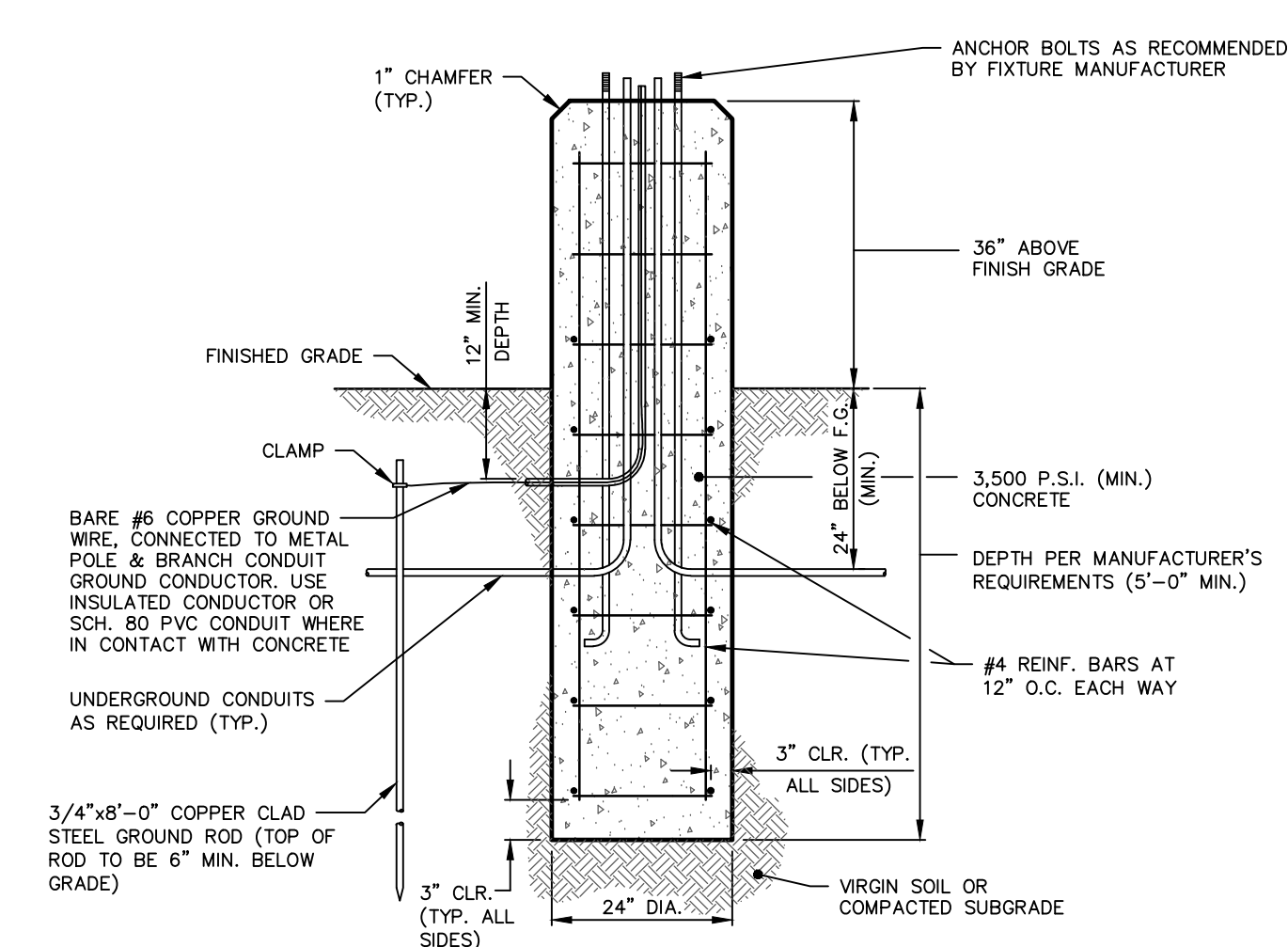
Introduction

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: DSK0 LED P6 40K T3M MVOLT SPA NLTARZ PIRHN DBXB0

| Series | LEDs | Color temperature | Distribution | Voltage | Mounting | Shipped included |
|----------------|------|-------------------|--------------|---------|----------|---|
| DSK0 LED | P1 | 30K | T15 | 120V | SPA | Square pole mounting |
| | P4 | 40K | T25 | 120V | SPA | Square pole mounting |
| | P7 | 50K | T35 | 120V | SPA | Square pole mounting |
| Related optics | P10 | | T35 | 277V | SPUMBA | Square pole universal mounting adapter* |
| | P12 | | T35 | 347V | SPUMBA | Square pole universal mounting adapter* |
| | P17 | | T35 | 480V | SPUMBA | Square pole universal mounting adapter* |



- NOTES:
1. ALL CONCRETE IS TO MEET LATEST EDITION OF ACI-318 CONSTRUCTION STANDARDS.
 2. REINFORCING TO BE GRADE 60 DEFORMED.
 3. FOUNDATION TO BE INSTALLED PER LIGHT POLE MANUFACTURER'S SPECIFICATIONS.

D-Series Size 1 LED Wall Luminaire

Specifications

- Width: 13.3/4" (340 mm)
- Depth: 10" (254 mm)
- Height: 6.3/8" (162 mm)
- Weight: 12 lbs (5.4 kg)

Back Box (BBW, ELCW)

- Width: 13.3/4" (340 mm)
- Depth: 4" (102 mm)
- Height: 6.3/8" (162 mm)
- Weight: 5 lbs (2.3 kg) for BBW, 10 lbs (4.5 kg) for ELCW

Introduction

The D-Series Wall luminaire is a stylish, fully integrated LED solution for building-mount applications. It features a sleek, modern design and is carefully engineered to provide long-lasting, energy-efficient lighting with a variety of optical and control options for customized performance. With an expected service life of over 20 years of nighttime use and up to 74% in energy savings over comparable 250W metal halide luminaires, the D-Series Wall is a reliable, low-maintenance lighting solution that produces sites that are exceptionally illuminated.

Ordering Information

EXAMPLE: DSKW1 LED 20C 1000 40K T3M MVOLT DBBXT0D

| Series | LEDs | Wattage | Color temperature | Distribution | Voltage | Mounting | Control Options |
|-----------|------|---------|-------------------|--------------|---------|----------|-----------------|
| DSKW1 LED | 10C | 1000 | 30K | T15 | 120V | DBBXT0D | PIR |
| | 20C | 2000 | 40K | T25 | 120V | DBBXT0D | PIR |
| | 30C | 3000 | 50K | T35 | 120V | DBBXT0D | PIR |

TYPICAL LIGHTING DETAIL 'A'
NO SCALE

TYPICAL LIGHTING DETAIL 'B'
NO SCALE

| NO. | DATE | REVISIONS | COMMENTS |
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| 1 | 02/08/22 | REVISED PER TWP STAFF COMMENTS | |
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THE
SITE LIGHTING PLAN AND DETAILS
PROPOSED REDEVELOPMENT
FOR
TWO FARMS, INC.
732 EAST FORREST AVENUE
SHREWSBURY TOWNSHIP, YORK COUNTY, PENNSYLVANIA

| | |
|------------|-----------------|
| SCALE | AS NOTED |
| DRAWN BY | CIF |
| CHECKED BY | AWA |
| CONTACT | AWA |
| DATE | 12.14.21 |
| FILE NAME | 993.1B-FLD-LOT2 |
| JOB NO. | 993.1B |
| SHEET NO. | 2 |