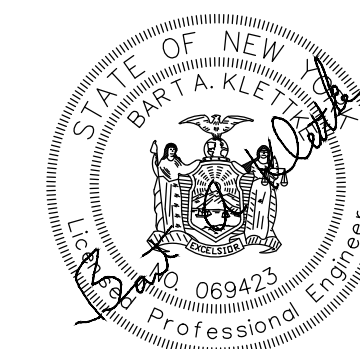
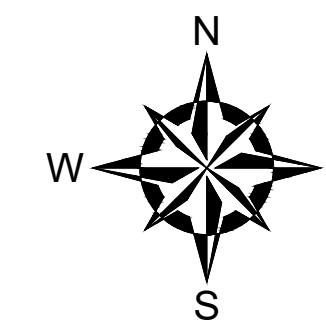


COUNTY LINE ROAD SUBDIVISION COUNTY LINE ROAD SITE DEVELOPMENT PLANS

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COUNTY LINE ROAD SUBDIVISION
COUNTY LINE ROAD, SKANEATELES
COUNTY OF ONONDAGA, STATE OF NEW YORK

GZA GeoEnvironmental of NY
Engineers and Scientists
www.gza.com

JUNE 01, 2020
REVISED: 11/09/2020

GC001 - COVER SHEET
SHEET 01 OF 14

SITE DATA

- OWNER: JORDAN ROAD TOWN HOMES, LLC
4331 JORDAN ROAD
SKANEATELES, NEW YORK 13152
- ARCHITECT: EGGLESTON & KRENZER ARCHITECTS, PC
THE TROLEY BLDG
1391 EAST GENESSEE STREET
SKANEATELES, NEW YORK 13152
- TAX ID #: 018-02-29.1
- PARCEL SIZE: 23.03± ACRES
- ZONING CLASSIFICATION: HM - HAMLET DISTRICT
- BUILDING SETBACK REQUIREMENTS: FRONT: 30'
SIDE: 10'
REAR: 30'
- MINIMUM FRONTAGE WIDTH: 100'
- MINIMUM LOT SIZE: 0.50 ACRE (W/ PUBLIC WATER AVAILABLE)

PROJECT INFORMATION

THIS PROJECT CONSISTS OF CLEARING OF LAND FOR THE PROPOSED CONSTRUCTION OF 33 RESIDENTIAL BUILDING LOTS WITH ASSOCIATED ROADS, UTILITIES, AND DRIVEWAYS. THE ESTIMATED TIME FOR COMPLETION IS WITHIN ONE (1) YEAR OF RECEIVING ALL NECESSARY PERMITS AND APPROVALS.

SURVEY DATA

FIELD SURVEY WAS COMPLETED BY PAUL JAMES OLSZEWSKI, P.L.S., PLLC ON 12/20/2019.

DATUM NOTE: ELEVATIONS AND CONTOURS SHOWN HEREON ARE REFERENCED TO THE NAVD88 DATUM.

NOTE: THE LOCATION, SIZES, AND ELEVATIONS OF EXISTING UTILITIES ARE BASED ON INFORMATION COMPILED BY THE SURVEYOR AND ENGINEER FROM FIELD WORK, RECORD DRAWINGS AND INFORMATION FURNISHED BY VARIOUS UTILITY COMPANIES WITH FIELD EDITING WHERE NECESSARY AND POSSIBLE. THE ACCURACY OF THIS INFORMATION IS NOT GUARANTEED AND SHALL BE VERIFIED BY THE CONTRACTOR.

CONSTRUCTION SEQUENCE

- MOBILIZE ALL NECESSARY EQUIPMENT, PERSONNEL AND MATERIAL TO THE SITE. PROCEED WITH INSTALLATION OF EROSION & SEDIMENT CONTROL PRACTICES INCLUDING STABILIZED CONSTRUCTION ENTRANCES, EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE IN PLACE PRIOR TO BEGINNING ANY EARTHWORK OPERATIONS. SCHEDULE AND CONDUCT SITE WALK TO INSPECT SEDIMENT AND EROSION CONTROL MEASURES WITH ENGINEER. MODIFY SEDIMENT AND EROSION CONTROL MEASURES AS NEEDED.
- PROTECT EXISTING INSTRUMENTS, STRUCTURES, VEGETATION AND UTILITIES TO REMAIN.
- PERFORM CLEARING AND GRUBBING OPERATIONS.
- MASS EARTHWORK OPERATIONS INCLUDING CONSTRUCTION OF WET PONDS.
- GRADE AREAS FOR ROADWAYS.
- INSTALLATION OF THE PROPOSED PERMEABLE SHOULDERS, STORM SEWER INLETS AND PIPES.
- INSTALLATION OF THE PROPOSED WATER UTILITY LATERALS AND UNDERGROUND UTILITIES.
- FINAL GRADING.
- PERMANENT STABILIZATION WITH TOPSOIL, SEED AND MULCH AS SPECIFIED.
- IN ADDITION TO THESE MEASURES, THE CONTRACTOR SHALL COMPLY WITH WHATEVER MEASURES MAY BE REQUIRED BY THE TOWN OF SKANEATELES.
- PROVIDE ON-GOING MAINTENANCE AND MONITORING OF NEWLY VEGETATED AND RESTORED AREAS AS PER THE CONTRACT DOCUMENTS.
- DEMOLIBLIZE FROM THE JOB SITE. REMOVE ALL TEMPORARY STRUCTURES, TRASH, DEBRIS, AND OTHER MATERIAL FROM THE SITE. REMOVE TEMPORARY CONTROLS AND SIGNAGE. REMOVE TEMPORARY EROSION SEDIMENT AND EROSION CONTROLS WHERE APPROPRIATE ONCE 80% GERMINATION HAS BEEN REACHED FOR THE ENTIRE SITE.
- NOTIFY ENGINEER OF FINAL STABILIZATION. SCHEDULE AND CONDUCT SITE WALK TO INSPECT SITE WITH ENGINEER.

WATERMAIN NOTES

ALL WATERMANS SHALL HAVE A MINIMUM 5'0" OF COVER FROM THE TOP OF THE MAIN TO FINISHED GRADE. THE CONTRACTOR SHALL CHECK ALL CUT STAKED BEFORE TRENCHING TO INSURE THAT ALL INSTALLED WATERMANS WILL HAVE THE REQUIRED COVER.

EROSION CONTROL NOTES

- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE TEMPORARY SOIL EROSION CONTROL AND WATER POLLUTION CONTROL.
- THE CONTRACTOR SHALL CONTROL SURFACE RUNOFF WHICH MAY CONTAIN SUSPENDED SOLIDS FROM ONTO EXISTING PAVEMENT SERVICES IN USE. THIS SHALL BE ACCOMPLISHED BY STAKED BALES OF STRAW OR DIVERSION CHANNELS TO SEDIMENTATION BASINS.
- STORMWATER MANAGEMENT FACILITIES SHALL BE EXCAVATED AND USED AS SEDIMENT TRAPS DURING CONSTRUCTION.
- THE CONTRACTOR SHALL COMPLY WITH ALL PROVISIONS OF THE N.Y.S. DEPARTMENT OF ENVIRONMENTAL CONSERVATION WATER QUALITY CERTIFICATION AND/ OR FRESH WATER WETLANDS PERMIT AND/ OR ARMY CORPS OF ENGINEERS PERMIT (IF APPLICABLE).
- DURING CONSTRUCTION, NO WET OR FRESH CONCRETE OR LEACHATE SHALL BE ALLOWED TO ESCAPE INTO THE WATERS OF THE UNITED STATES, NOR SHALL WASHINGS FROM CONCRETE TRUCKS, MIXERS, OR OTHER DEVICES BE ALLOWED TO ENTER ANY WETLAND OR WATERS. A CONCRETE WASHOUT SHALL BE USED.
- ALL AREAS OF SOIL DISTURBANCE RESULTING FROM THIS PROJECT SHALL BE SEEDED WITH AN APPROPRIATE PERENNIAL GRASS SEED AND MULCHED WITH STRAW WITHIN ONE WEEK OF FINAL GRADING. MULCH SHALL BE MAINTAINED UNTIL A SUITABLE VEGETATIVE COVER IS ESTABLISHED.
- PERIODIC CLEANING, INSPECTION AND REPLACEMENT OF TEMPORARY SOIL EROSION AND WATER POLLUTION CONTROL DEVICES SHALL BE NECESSARY.
- ALL CONTROLS SHALL BE PLACED PRIOR TO STARTING EARTHWORK OPERATIONS AND SHALL REMAIN IN PLACE UNTIL THE NEW SLOPES ARE STABILIZED WITH SEEDING AND/ OR SLOPE PROTECTION.
- WHERE SILT FENCE IS USED IN AREAS OF CONCENTRATED FLOW, THE ENGINEER IN CHARGE MAY CALL FOR BACKING THE FENCE WITH STRAW BALES.
- ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES MAY BE REQUIRED DUE TO VARIATIONS IN SITE CONDITIONS.
- IF THERE IS SOME REASON THAT CUT OR FILL CANNOT BE BROUGHT TO FINAL GRADE AND MUST REMAIN UNCOMPLETED FOR A PERIOD OF TIME, IT SHALL BE TEMPORARILY SEEDED AND MULCHED WITHIN 7 DAYS.

EROSION & SEDIMENT POLLUTION CONTROL NOTES

- EROSION & SEDIMENT POLLUTION CONTROL FACILITIES AND PRACTICES, UTILIZED IN CONSTRUCTION OF THE PROJECT, SHALL BE CONSISTENT WITH THE LATEST EDITIONS OF THE NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL, NEW YORK STATE STORMWATER MANAGEMENT DESIGN MANUAL, AND THE NEW YORK STATE SPDES GENERAL PERMIT FOR STORMWATER DISCHARGES.
- NATURAL VEGETATION SHALL BE RETAINED, PROTECTED, AND SUPPLEMENTED AS FEASIBLE PRIOR TO AND DURING CONSTRUCTION.
- CUT AND FILL SLOPES SHALL BE BROUGHT TO FINAL PROPOSED GRADES AS SOON AS POSSIBLE IN THE CONSTRUCTION SEQUENCE, AND SEEDED AND MULCHED.
- EROSION AND SEDIMENT POLLUTION CONTROL FACILITIES (CHECK DAMS, SILT FENCING, STABILIZED CONSTRUCTION ENTRANCES, SEDIMENT TRAPS, AND OTHER ACCEPTABLE IMPLEMENTED FACILITIES), SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION UNTIL COMPLETE SITE STABILIZATION.
- GRADE ALL AREAS TO DRAIN.
- HEAVY CONSTRUCTION EQUIPMENT SHALL BE KEPT AS CLOSE TO THE WORK AREA AS PRACTICAL TO MINIMIZE DISTURBANCE OF SOIL ALREADY STABILIZED OR UNDISTURBED.
- TOPSOIL AND OTHER SOIL REMOVED DURING CONSTRUCTION SHALL BE STOCKPILED IN A SUITABLE LOCATION CLEAR FROM ANY STORMWATER DRAINAGE COURSES.
- VEGETATIVE STABILIZATION SHALL BE PERIODICALLY INSPECTED FOR SUFFICIENT GROWTH AND PROGRESS. AREAS NOT RESPONDING SHALL BE PROMPTLY RESEEDED AND REMULCHED AS SOON AS POSSIBLE. AREAS SHOWING SIGNS OF EROSION PRIOR TO STABILIZATION SHALL BE GRADED, RESEEDED, AND REMULCHED AS SOON AS POSSIBLE. SOD OR EROSION CONTROL FABRIC SHALL BE UTILIZED WHERE ADEQUATE STABILIZATION IS NOT OCCURRING.
- ALL SOIL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED BEGINNING EARTH MOVING ACTIVITIES, OR IN THEIR PROPER SEQUENCE, AND MAINTAINED UNTIL PERMANENT PROTECTION IS ESTABLISHED.
- A STABILIZED CONSTRUCTION ENTRANCE PAD WITH CLEAN STONE WILL BE PLACED AT ALL CONSTRUCTION DRIVEWAYS IMMEDIATELY AFTER INITIAL SITE DISTURBANCE.
- ANY DISTURBED AREAS THAT WILL LEFT EXPOSED FOR MORE THAN 5 DAYS, AND NOT SUBJECT TO CONSTRUCTION TRAFFIC, WILL RECEIVE A TEMPORARY SEEDING. IF THE SEASON PREVENTS THE ESTABLISHMENT OF A TEMPORARY COVER, THE DISTURBED AREAS WILL BE MULCHED WITH STRAW OR EQUIVALENT MATERIAL, AT A RATE OF 2.0 TONS PER ACRE, ACCORDING TO STANDARDS.
- PERMANENT VEGETATION TO BE SEEDED ON ALL EXPOSED AREAS WITHIN FIVE (5) DAYS AFTER FINAL GRADING. MULCH TO BE USED AS NECESSARY FOR PROTECTION UNTIL SEEDING IS ESTABLISHED.
- THE APPLICATION OF TOPSOIL, SEEDING, AND MULCHING FOR DISTURBED AREAS SHALL BE CONSISTENT WITH THE STANDARD GENERAL PRACTICES FOR CONSTRUCTION.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN EROSION AND SEDIMENT CONTROL MEASURES UNTIL ALL AREAS HAVE BEEN PERMANENTLY STABILIZED.
- ANY SEDIMENT TRACKED ONTO PUBLIC RIGHT-OF-WAYS SHALL BE CLEANED IMMEDIATELY.
- ALL DEBRIS GENERATED DURING SITE PREPARATION ACTIVITIES SHALL BE LEGALLY DISPOSED OF OFF SITE.
- ADDITIONAL EROSION CONTROL MEASURES SHALL BE IMPLEMENTED AS CONDITIONS WARRANT OR AS DIRECTED BY THE OWNER OR OWNER'S REPRESENTATIVE.
- SOIL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSPECTED AND MAINTAINED ON A DAILY BASIS DURING CONSTRUCTION TO ENSURE THEIR CONTINUED FUNCTION.
- DUST SHALL BE CONTROLLED BY SPRINKLING OR OTHER APPROVED METHODS AS NECESSARY, OR AS DIRECTED BY THE OWNER OR OWNER'S REPRESENTATIVE.

MAINTENANCE AND REPAIR OF EROSION AND SEDIMENT POLLUTION CONTROL FACILITIES

- PROPER MAINTENANCE AND REPAIR OF EROSION AND SEDIMENT CONTROL FACILITIES ARE NECESSARY TO THE EFFECTIVENESS OF THE EROSION AND SEDIMENT POLLUTION CONTROL FACILITIES.
- DISTURBED GROUND SURFACES SHALL BE SPRINKLED WITH WATER, AS NEEDED, TO LIMIT THE FORMATION AND MIGRATION OF AIRBORNE DUST.
- OPERATIONAL MEASURES SHALL BE EMPLOYED DURING CONSTRUCTION TO PREVENT THE SPILLS OF FUELS AND LUBRICANTS. IF A SPILL OCCURS, IT SHALL BE CONTROLLED IMMEDIATELY TO PREVENT ITS ENTRY INTO OFF-SITE AREAS INCLUDING ADJACENT STORM WATER FACILITIES.
- ANY TEMPORARY EROSION CONTROL FACILITY SHALL REMAIN FUNCTIONAL UNTIL VEGETATIVE COVER IS SUFFICIENTLY ESTABLISHED WITHIN THE RESPECTIVE TRIBUTARY DRAINAGE AREA.
- ANY DEBRIS ACCUMULATED IN EROSION AND SEDIMENT CONTROL SHALL BE REMOVED AND PROPERLY DISPOSED. THESE FACILITIES SHALL BE CHECKED DAILY AND AFTER RAINFALL EVENTS, AND REALIGNED AS NEEDED. SEDIMENT SHALL BE REMOVED WHEN IT REACHES THE FOLLOWING DEPTHS:
SILT FENCE: 1/2 HEIGHT
STONE CHECKDAMS: 1/2 HEIGHT
INLET/ OUTLET PROTECTION: 1 INCH

NOTE: DISTURBED AREAS SHALL BE CONSIDERED PERMANENTLY STABILIZED WHEN A MINIMUM COVER OF 80% HAS BEEN ESTABLISHED.

TEMPORARY SEEDING REQUIREMENTS

- SEEDING:
 - APPLY LAWN MIX AT A RATE (SEE SPECIFICATIONS)
 - APPLY SEED WITH A MECHANICAL SEEDER. OPTIMUM SETTING IN ONE INCH (EXCEPT SANDY SOILS, 2 INCHES).
 - WHERE FEASIBLE, EXCEPT WHERE EITHER A CULTIPAKER TYPE SEEDER OR HYDRO-SEEDER IS USED, THE SEED BED SHALL BE FIRMED FOLLOWING SEEDING OPERATIONS WITH A ROLLER, OR LIGHT DRAG. SEEDING OPERATIONS SHOULD BE ON THE CONTOUR.
- MULCHING:
 - MULCH MATERIALS SHALL BE UN-ROTTED HAY OR STRAW AT A RATE OF 2.0 TO 3.0 TONS PER ACRE, OR 70 TO 90 POUNDS PER 1,000 SQUARE FEET. MULCH SHOULD NOT BE GROUND OR CHOPPED TO SHORT PIECES.
 - SPREAD UNIFORMLY BY HAND OR MECHANICALLY SO THAT APPROXIMATELY 75 PERCENT TO 95 PERCENT OF THE SOIL SURFACE WILL BE COVERED.
 - MULCH ANCHORING SHALL BE ACCOMPLISHED IMMEDIATELY AFTER PLACEMENT TO MINIMIZE LOSS BY WIND OR WATER.

PERMANENT SEED REQUIREMENTS

- SEEDBED PREPARATION:
 - APPLY LIMESTONE (EQUIVALENT TO 50 PERCENT (50%) CALCIUM PLUS MAGNESIUM OXIDES) AT A RATE PF 90 POUNDS PER 1,000 SQUARE FEET. APPLY FERTILIZER AT A RATE OF 800 POUNDS PER ACRE OR 14 POUNDS PER 1,000 SQUARE FEET USING 10-20-10 OR EQUIVALENT.
 - WORK LIME AND FERTILIZER INTO SOIL AS NEARLY AS PRACTICAL TO A DEPTH OF 4 INCHES WITH A DISC, SPRINGTOOTH HARROW OR OTHER SUITABLE EQUIPMENT. THE FINAL HARROWING OR DISCING OPERATION SHOULD BE ON THE GENERAL CONTOUR, CONTINUE TILLAGE UNTIL A REASONABLY UNIFORM SEEDBED IS PREPARED.
 - REMOVE ALL ROCKS AND DEBRIS FROM SOIL SURFACE.
 - INSPECT SEEDBED JUST BEFORE SEEDING. IF TRAFFIC HAS LEFT THE SOIL COMPACT, THE AREA MUST BE RE-TILLED AS ABOVE.
- SEEDING:
 - PERMANENT SEEDING SHALL BE ERNST SOLAR FARM SEED MIX.
 - APPLY SEED WITH MECHANICAL SEEDER. OPTIMUM SEEDING DEPTH IS ONE INCH (EXCEPT SANDY SOILS, 2 INCHES).
 - WHERE FEASIBLE, EXCEPT WHERE EITHER A CULTIPAKER TYPE SEEDER OR HYDRO-SEEDER IS USED, THE SEEDBED SHALL BE FIRMED FOLLOWING SEEDING OPERATIONS WITH A ROLLER, OR LIGHT DRAG. SEEDING OPERATIONS SHOULD BE ON THE CONTOUR.
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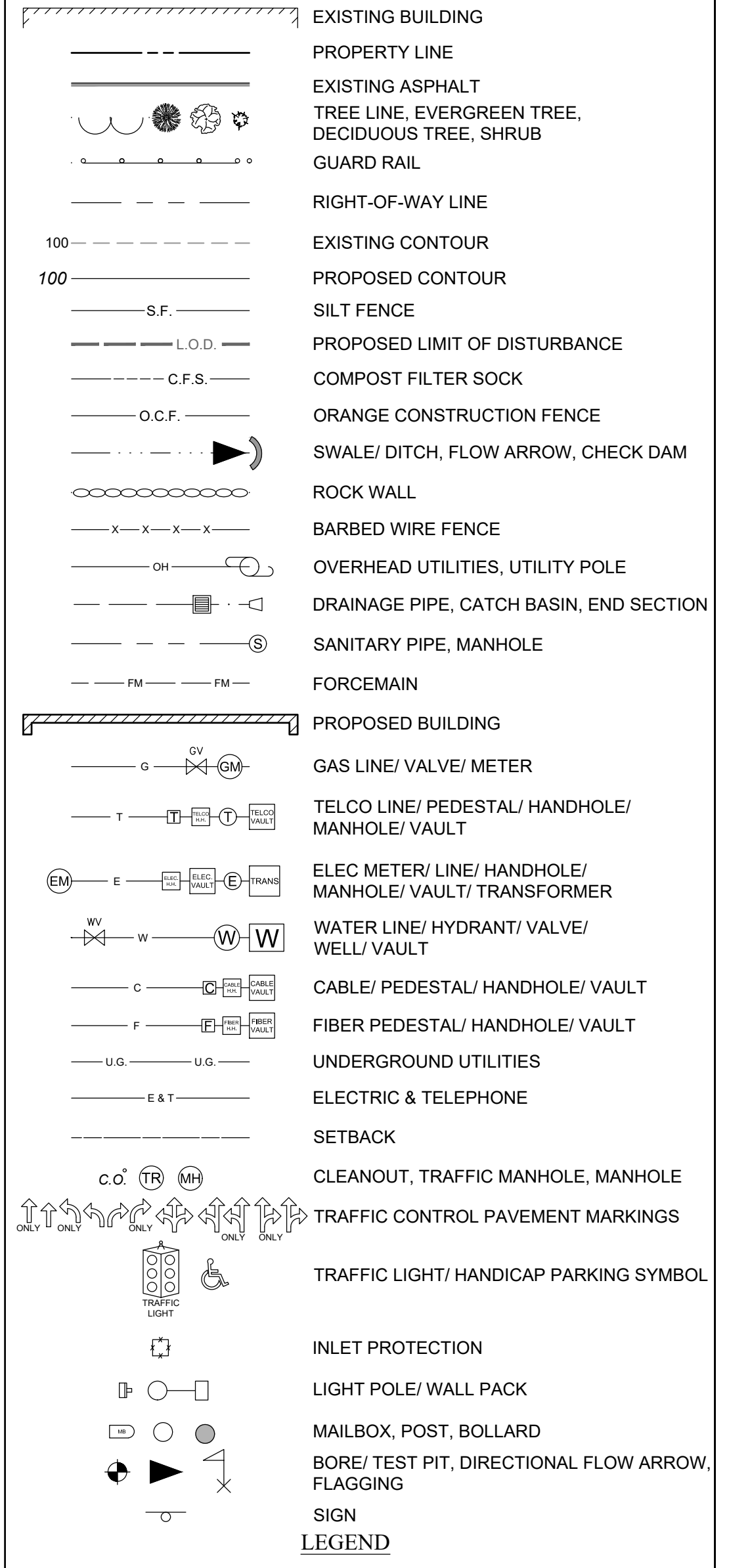
SOIL EXCAVATION AND BACKFILL RECOMMENDATIONS

EXCAVATIONS:

- MAXIMUM ALLOWABLE SLOPES FOR EXCAVATIONS LESS THAN 20 FEET DEEP SHALL BE DONE IN ACCORDANCE WITH OSHA REGULATIONS, OR ANY APPLICABLE STATE AND OR LOCAL REGULATIONS.
- SLOPING, BENCHING OR OTHER METHODS OF EXCAVATION SUPPORT FOR EXCAVATIONS GREATER THAN 20 FEET DEEP MUST BE DESIGNED BY A PROFESSIONAL ENGINEER.
- CONTRACTOR SHALL ORGANIZE THE WORK IN A MANNER THAT EXCAVATIONS ARE OPEN FOR THE SHORTEST PRACTICAL TIME.
- EXCAVATED OR IMPORTED BACKFILL MATERIALS SHOULD NOT BE STOCKPILED ADJACENT TO OPEN CUT EXCAVATIONS WITHIN A MINIMUM HORIZONTAL DISTANCE EQUAL TO THREE TIMES ITS DEPTH OR GREATER AS NECESSARY FOR SLOPE STABILITY AND ADJACENT TO THE SIDES OF SHEETED AND BRACED EXCAVATIONS WITHIN A MINIMUM HORIZONTAL DISTANCE EQUAL TO THE DEPTH OF THE EXCAVATION UNLESS THE EXCAVATION SUPPORT SYSTEM IS PROPERLY DESIGNED AND CONSTRUCTED FOR THE LOADS. STOCKPILING MATERIAL OVER EXISTING OR CONSTRUCTED UTILITIES MAY INDUCE SETTLEMENT BENEATH THEM AND SHOULD NOT BE PERMITTED.

BACKFILL RECOMMENDATIONS:

- ORDINARY FILL (I.E. SUITABLE SOIL FROM EXCAVATION OPERATIONS) MAY BE USED FOR BACKFILL, PROVIDED THE MATERIAL IS STABLE, CAN BE COMPACTED TO THE REQUIRED DENSITY AS DESCRIBED BELOW, ORDINARY FILL SHOULD CONSIST OF SUITABLE ON-SITE SOIL, FREE OF ORGANICS, DELETERIOUS MATERIALS, ICE, SNOW, AND WASTE OF ANY KIND.
- REPRESENTATIVE SAMPLES OF ALL FILLS AND BACKFILLS FOR USE ON THE PROJECT SHOULD BE TESTED USING MODIFIED PROCTOR METHOD (ASTM D1557) TO DETERMINE MAXIMUM DRY DENSITY AND OPTIMUM MOISTURE CONTENT. THE MAXIMUM PARTICLE SIZE SHOULD BE NO GREATER THAN TWO-THIRDS OF THE LIFT THICKNESS. WATER CONTENT BY WEIGHT DURING COMPACTION SHOULD NOT EXCEED ±3 PERCENT OF OPTIMUM MOISTURE AS DETERMINED BY ASTM 1557.
- IN STRUCTURAL AREAS (BENEATH HOMES, ROADS AND UTILITIES) FOR SOIL FILL SUBGRADE INTERVALS BELOW 3 FEET BELOW STRUCTURE, FILL LOOSE LIFT THICKNESSES SHALL BE NO GREATER THAN 12 INCHES. FOR FILL INTERVALS LESS THAN 3 FEET BELOW STRUCTURE (EXCLUDING SUBBASE STONE REQUIREMENTS), LOOSE LIFT THICKNESSES SHALL BE NO GREATER THAN 8 INCHES THICK. ALL LIFTS SHALL BE COMPACTED WITH A VIBRATORY SHEEPSFOOT COMPACTOR. FIELD COMPACTION SHOULD BE MEASURED PRIOR TO PLACING SUBSEQUENT LIFTS. SOIL SHALL BE COMPACTED TO A MINIMUM 90 PERCENT OF THE MAXIMUM DRY DENSITY FOR SOILS PLACED BELOW 3 FEET BELOW THE STRUCTURE.
- ROAD SUBBASE STONE SHALL BE COMPACTED TO A MINIMUM 95 PERCENT OF THE MAXIMUM DRY DENSITY.
- IN NON-STRUCTURAL AREAS, SOIL FILL SHALL BE PLACED IN MAXIMUM 12-INCH THICK LOOSE LIFTS AND COMPACTED TO A STABLE MATRIX WITH A VIBRATORY SHEEPSFOOT COMPACTOR.
- IN STRUCTURAL AREAS NOT REQUIRING FILL, THE EXPOSED SUBGRADES SHALL BE PROOF-COMPACTED WITH MULTIPLE PASSES OF A SHEEPSFOOT VIBRATORY COMPACTOR IN STATIC MODE PRIOR TO PLACEMENT OF CONCRETE FOR FOOTINGS OR ROAD SUBBASE STONE. WEAK OR SOFT SPOTS IDENTIFIED DURING PROOF COMPACTION SHALL BE EXCAVATED AND REPLACED WITH COMPACTED FILL. PROOF-ROLLING AND COMPACTION MAY BE WAIVED OR MODIFIED IF, WITH THE PROJECT AND TOWN ENGINEER'S CONCURRENCE, IT IS DETERMINED THAT THIS WILL DISTURB AN OTHERWISE SUITABLE SUBGRADE BASED ON OBSERVED FILED CONDITIONS.



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| EXCEPT AS PROVIDED UNDER SECTION 7209 SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW, UNAUTHORIZED ALTERATION IS PROHIBITED | | | |
|--|--|-----|------------|
| 3 | PER TOWN COMMENTS DATED OCTOBER 29, 2020 | CJM | 11/09/2020 |
| 2 | EROSION CONTROL AND SWPPP NOTES | CJM | 10/20/2020 |
| 1 | PER TOWN COMMENTS | CJM | 10/05/2020 |
| NO. | ISSUE/DESCRIPTION | BY | DATE |
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**COUNTY LINE ROAD SUBDIVISION
COUNTY LINE ROAD
TOWN OF SKANEATELES, STATE OF NY**

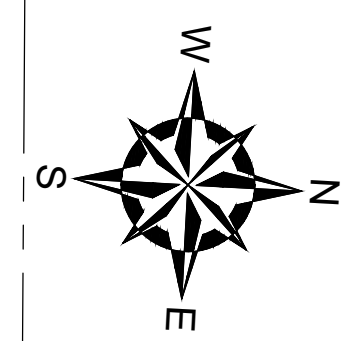
NOTES & LEGEND SHEET

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| PREPARED BY: GZA GeoEnvironmental of NY Engineers and Scientists www.gza.com | PREPARED FOR: CHRIS GRAHAM 4331 JORDAN ROAD SKANEATELES, NEW YORK |
| PROJ MGR: E.K.R. REVIEWED BY: C.J.M. DESIGNED BY: E.K.R. DRAWN BY: E.K.R. | CHECKED BY: SCALE: AS NOTED REVISION NO. 4 |
| DATE: JUNE 01, 2020 | PROJECT NO. 31.0180302.00 |
| GC002 SHEET NO. 02 OF 14 | |

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CAYUGA COUNTY
ONONDAGA COUNTY

COUNTY LINE ROAD



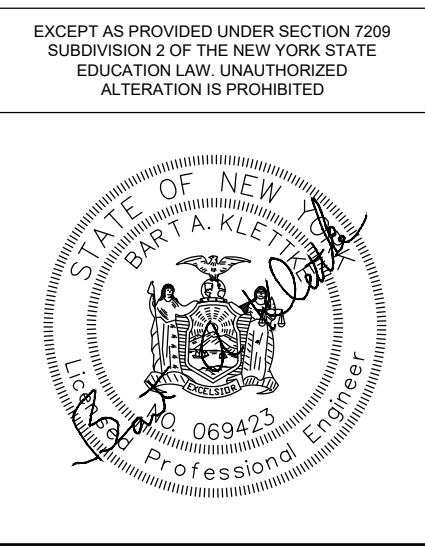
NOTE:
EACH LOT TO RECEIVE 3" CALIBER MINIMUM TREE.
TREE TO BE LOCATED ON PRIVATE PROPERTY
OUTSIDE OF PROPOSED RIGHT-OF-WAY AT A RATE
OF 1 TREE PER 50' OF ROAD FRONTAGE.



Know what's below.
Call before you dig.

| NO. | ISSUE/DESCRIPTION | BY | DATE |
|-----|--|-----|------------|
| 4 | PER TOWN COMMENTS DATED OCTOBER 29, 2020 | CJM | 11/09/2020 |
| 3 | PER TOWN COMMENTS | CJM | 10/05/2020 |
| 2 | PER TOWN COMMENTS | CJM | 08/04/2020 |
| 1 | PER TOWN COMMENTS | CJM | 07/08/2020 |

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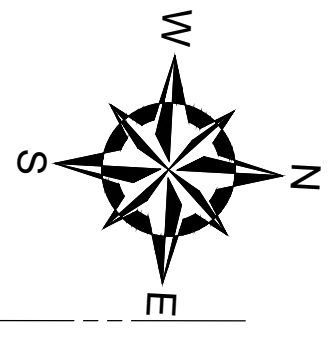
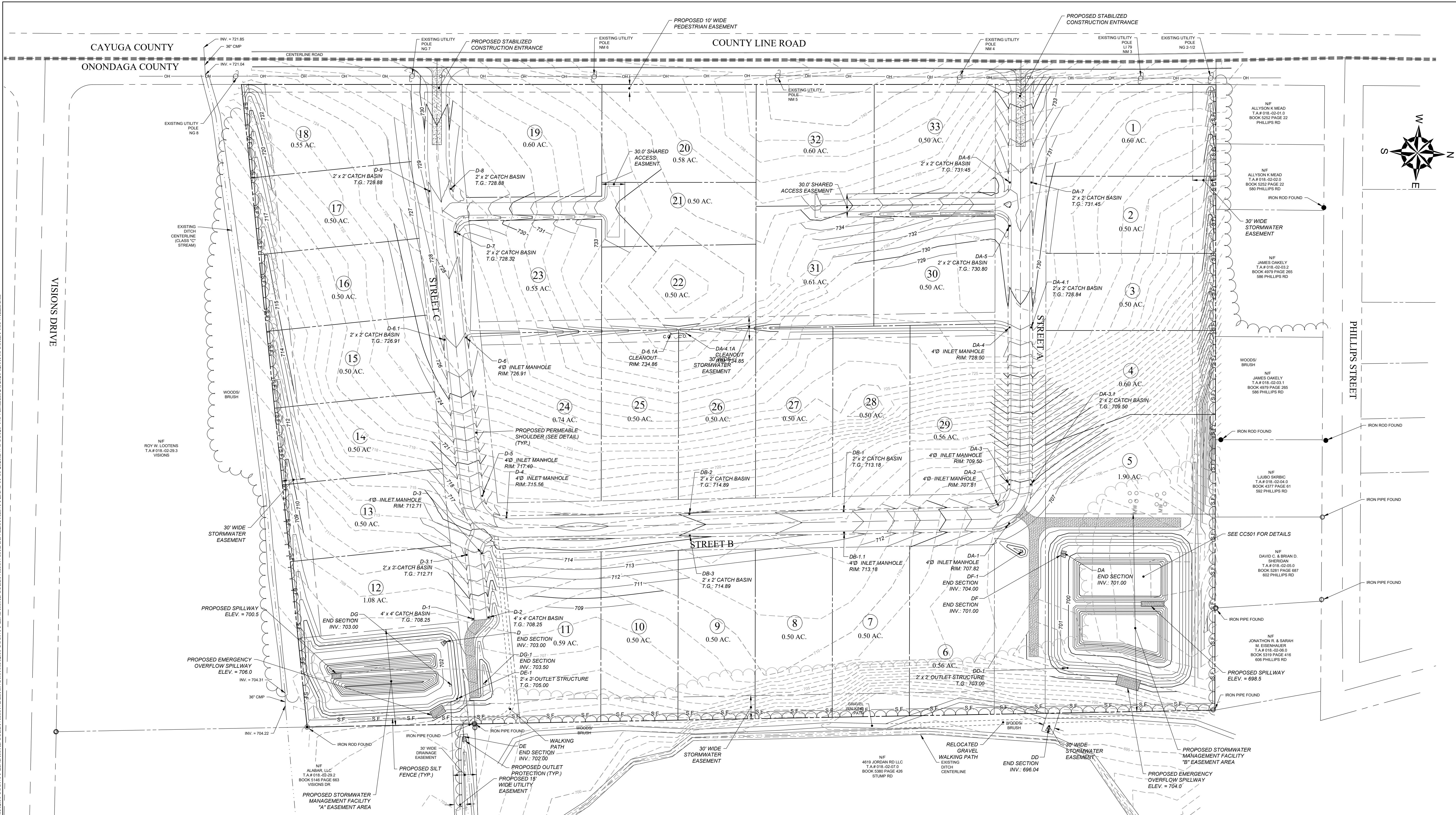
**COUNTY LINE ROAD SUBDIVISION
COUNTY LINE ROAD
TOWN OF SKANEATELES, STATE OF NY**

SITE PLAN

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|---|---|
| PREPARED BY: GZA GZA GeoEnvironmental of NY Engineers and Scientists www.gza.com | PREPARED FOR: CHRIS GRAHAM 4331 JORDAN ROAD SKANEATELES, NEW YORK |
| PROJ MGR: E.K.R. DESIGNED BY: E.K.R. DATE: JUNE 01, 2020 | REVIEWED BY: C.J.M. DRAWN BY: E.K.R. PROJECT NO. 31.0180302.00 CHECKED BY: SCALE: AS NOTED REVISION NO. 4 |

**DWG
CC100
SHEET NO. 03 OF 14**

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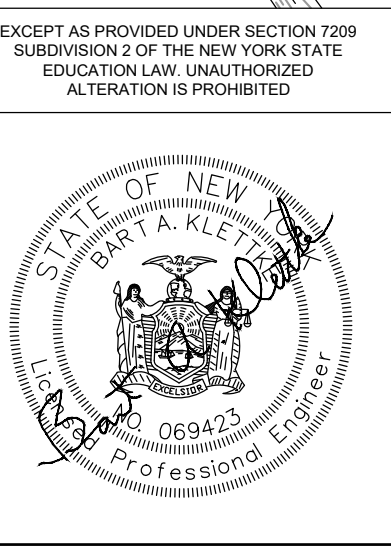
Cut/Fill Summary

| Name | Cut Factor | Fill Factor | 2d Area | Cut | Fill | Net |
|--------|------------|-------------|-------------------|------------------|-----------------|-----------------------|
| VOLUME | 1.000 | 1.000 | 309732.51 Sq. Ft. | 16075.45 Cu. Yd. | 8863.06 Cu. Yd. | 7212.39 Cu. Yd. <Cut> |
| Totals | | | 309732.51 Sq. Ft. | 16075.45 Cu. Yd. | 8863.06 Cu. Yd. | 7212.39 Cu. Yd. <Cut> |

NOTE: MATERIAL TO BE STOCKPILED ON SITE FOR FUTURE USE. STOCKPILE TO BE STABILIZED AND PROTECTED IN ACCORDANCE WITH NYSDEC STANDARDS AND RECOMMENDATIONS.

| NO. | ISSUE/DESCRIPTION | BY | DATE |
|-----|--|-----|------------|
| 4 | PER TOWN COMMENTS DATED OCTOBER 29, 2020 | CJM | 11/09/2020 |
| 3 | PER TOWN COMMENTS | CJM | 10/05/2020 |
| 2 | PER TOWN COMMENTS | CJM | 08/04/2020 |
| 1 | PER TOWN COMMENTS | CJM | 07/08/2020 |

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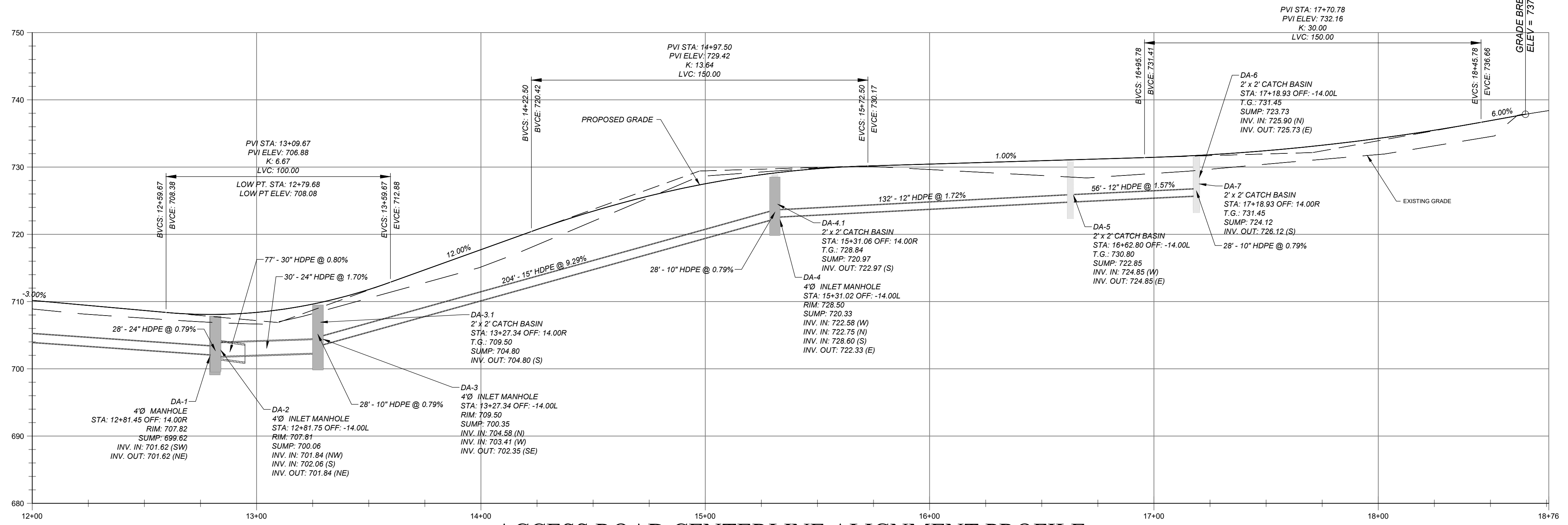
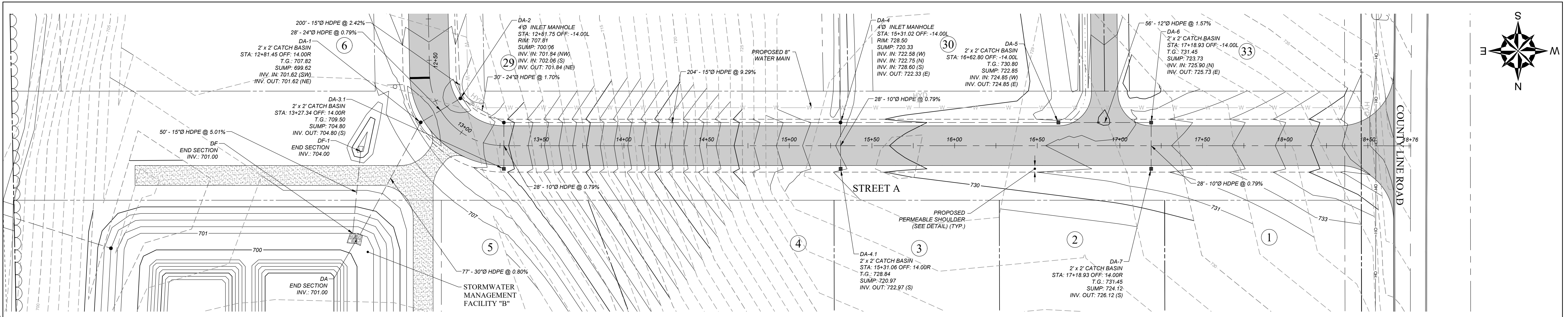
COUNTY LINE ROAD SUBDIVISION
COUNTY LINE ROAD
TOWN OF SKANEATELES, STATE OF NY

GRADING & EROSION CONTROL PLAN

| | |
|---|--|
| PREPARED BY: GZA GeoEnvironmental of NY Engineers and Scientists www.gza.com | PREPARED FOR: CHRIS GRAHAM 4331 JORDAN ROAD SKANEATELES, NEW YORK |
| PROJ MGR: E.K.R. DESIGNED BY: E.K.R. DATE: MAY 15, 2020 | REVIEWED BY: C.J.M. DRAWN BY: E.K.R. PROJECT NO. 31.0180302.00 REVISION NO. 4 |
| DWG SCALE: AS NOTED CC120 SHEET NO. 05 OF 14 | |

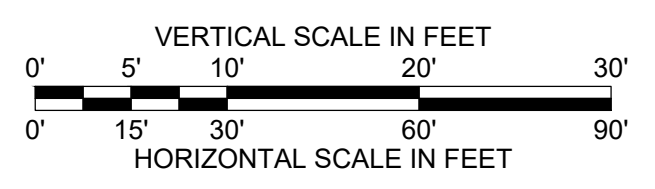


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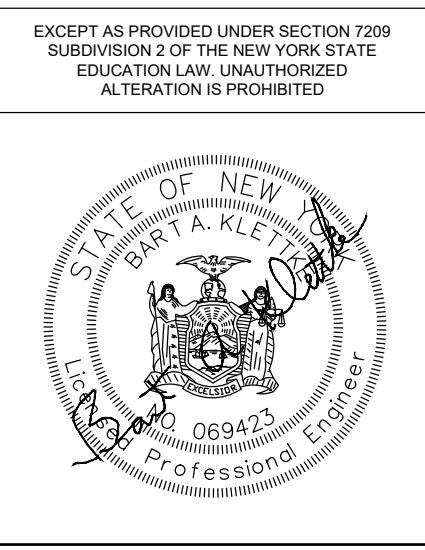
ACCESS ROAD CENTERLINE ALIGNMENT PROFILE

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|---------|----------|
| 12+00 | 710.17 | 708.902 | 709.42 | 708.997 | 708.67 | 707.628 | 709.10 | 708.993 | 708.30 | 708.660 | 709.62 | 708.199 | 711.79 | 710.501 | 714.72 | 712.604 | 717.72 | 715.134 | 720.72 | 718.422 | 723.44 | 721.947 | 725.71 | 725.471 | 727.62 | 726.870 | 728.87 | 729.265 | 729.76 | 729.861 | 730.20 | 730.076 | 730.45 | 729.632 | 730.70 | 729.186 | 730.95 | 728.741 | 731.20 | 728.492 | 731.45 | 729.647 | 731.84 | 729.679 | 732.44 | 730.428 | 733.25 | 731.152 | 734.25 | 731.861 | 735.49 | 733.161 | 736.91 | 734.634 | 738.492 | 18+75.98 |
|-------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|---------|----------|



| NO. | ISSUE/DESCRIPTION | BY | DATE |
|-----|--|-----|------------|
| 4 | PER TOWN COMMENTS DATED OCTOBER 29, 2020 | CJM | 11/09/2020 |
| 3 | PER TOWN COMMENTS | CJM | 10/05/2020 |
| 2 | PER TOWN COMMENTS | CJM | 08/04/2020 |
| 1 | PER TOWN COMMENTS | CJM | 07/08/2020 |

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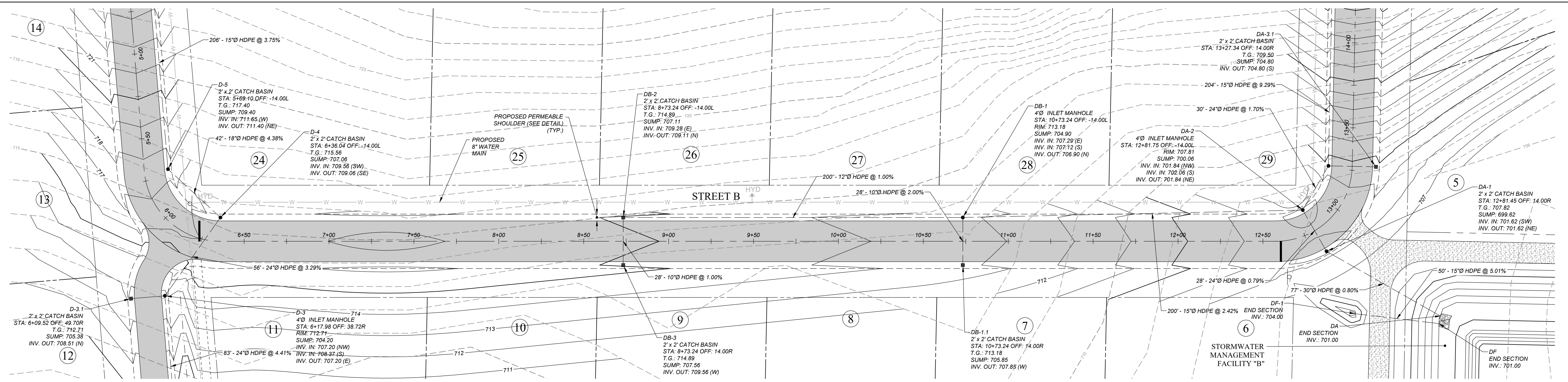
**COUNTY LINE ROAD SUBDIVISION
COUNTY LINE ROAD
TOWN OF SKANEATELES, STATE OF NY**

STREET A PLAN & PROFILE

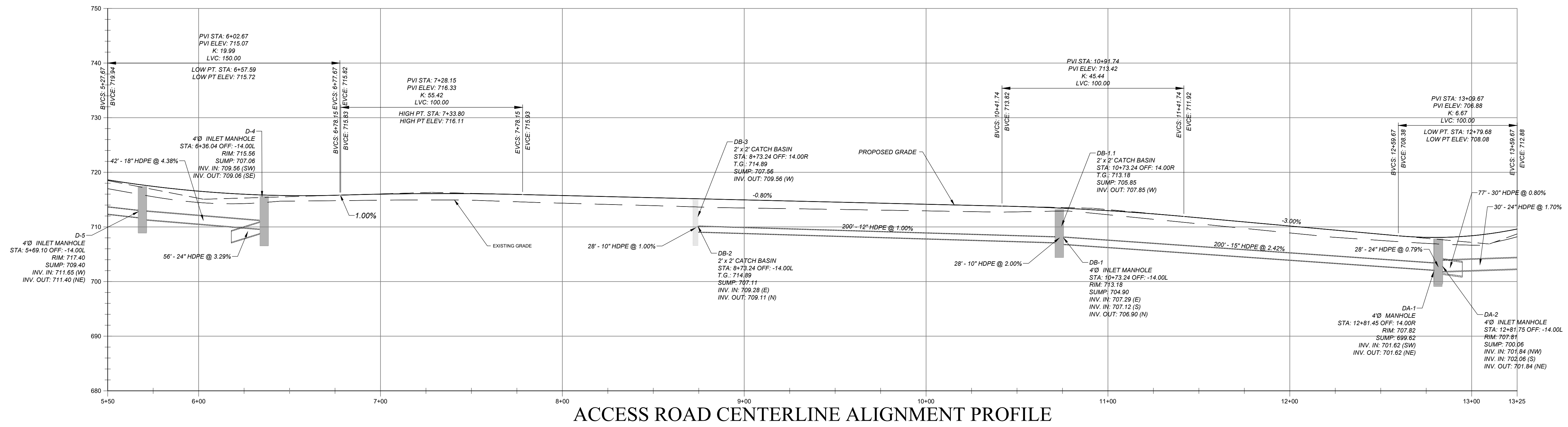
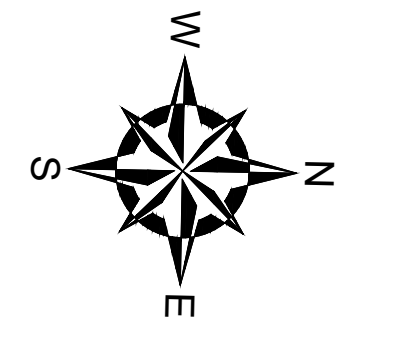
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|---|--|
| PREPARED BY: GZA GZA GeoEnvironmental of NY Engineers and Scientists www.gza.com | PREPARED FOR: CHRIS GRAHAM 4331 JORDAN ROAD SKANEATELES, NEW YORK |
| PROJ MGR: E.K.R. DESIGNED BY: E.K.R. DATE: JUNE 01, 2020 | REVIEWED BY: C.J.M. DRAWN BY: E.K.R. PROJECT NO. 31.0180302.00 |
| CHECKED BY: AS NOTED SCALE: AS NOTED REVISION NO. 4 | DWG CC130 SHEET NO. 06 OF 14 |



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0 15' 30' 60' 90'
SCALE IN FEET 1" = 30'

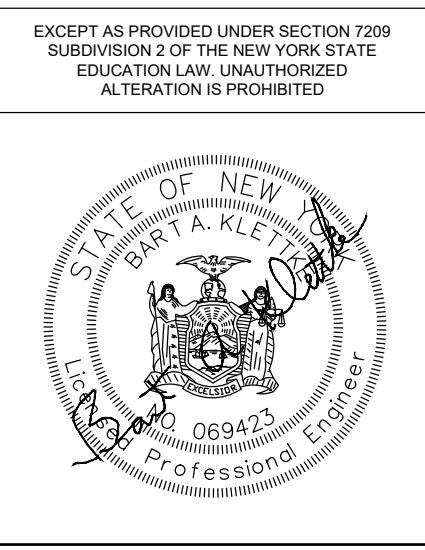


ACCESS ROAD CENTERLINE ALIGNMENT PROFILE

VERTICAL SCALE IN FEET
0' 5' 10' 20' 30'
HORIZONTAL SCALE IN FEET
0' 15' 30' 60' 90'

| NO. | ISSUE/DESCRIPTION | BY | DATE |
|-----|--|-----|------------|
| 3 | PER TOWN COMMENTS DATED OCTOBER 29, 2020 | CJM | 11/09/2020 |
| 2 | PER TOWN COMMENTS | CJM | 10/05/2020 |
| 1 | PER TOWN COMMENTS | CJM | 08/04/2020 |

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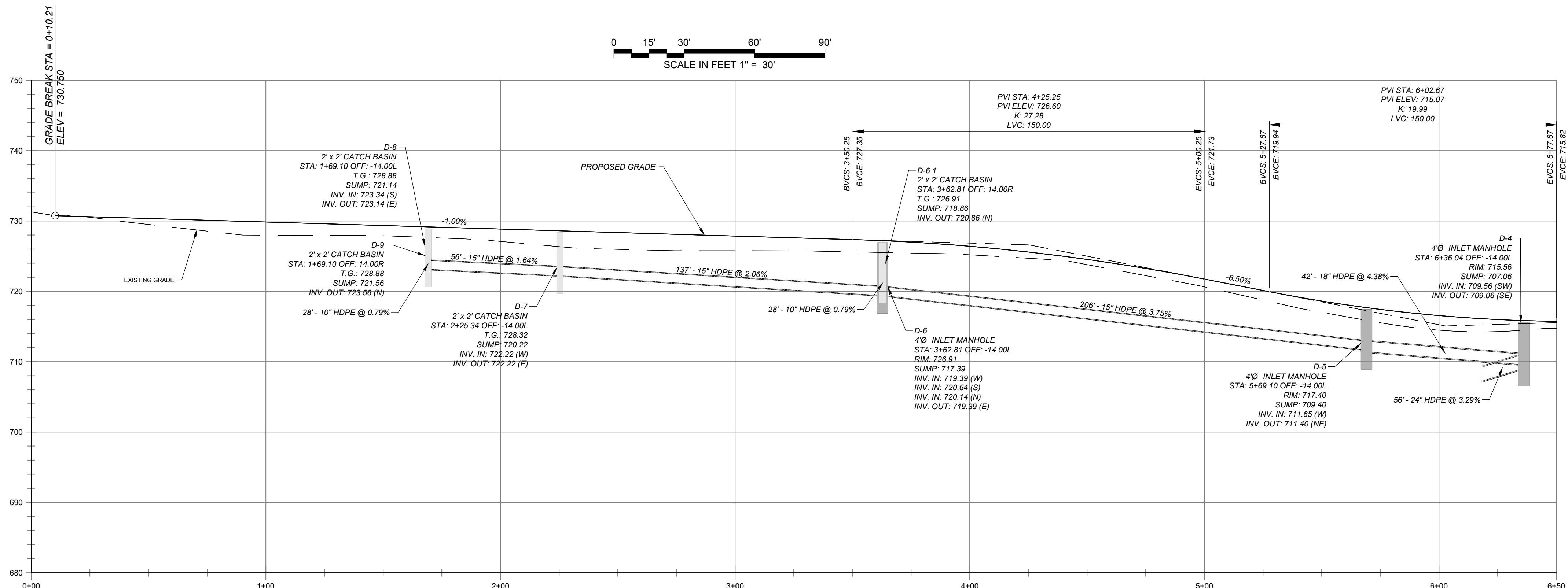
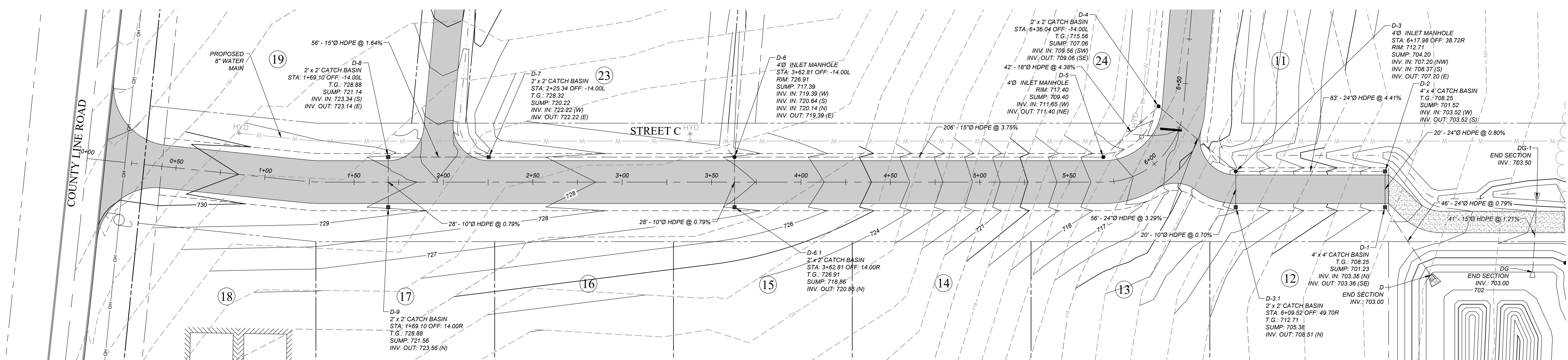
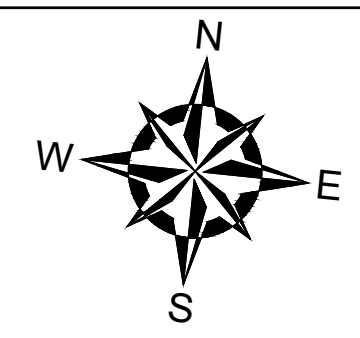
**COUNTY LINE ROAD SUBDIVISION
COUNTY LINE ROAD
TOWN OF SKANEATELES, STATE OF NY**

STREET B PLAN & PROFILE

| | |
|-------------------------------|--|
| PREPARED BY: GZA | PREPARED FOR: CHRIS GRAHAM 4331 JORDAN ROAD SKANEATELES, NEW YORK |
| PROJECT NO.: 31.0180302.00 | REVISION NO.: 4 |
| DATE: JUNE 01, 2020 | SCALE: AS NOTED |

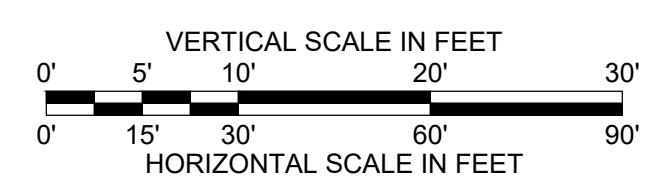
CC131
SHEET NO. 07 OF 14





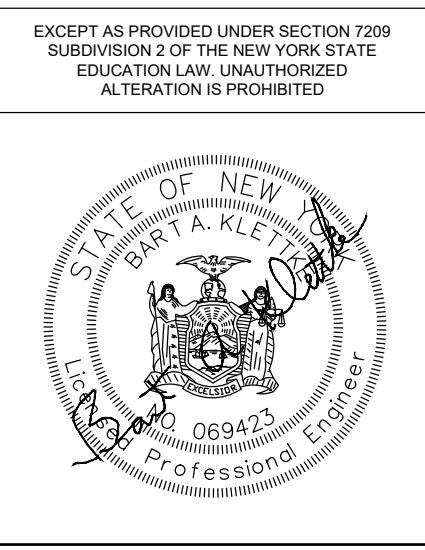
ACCESS ROAD CENTERLINE ALIGNMENT PROFILE

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|---------|------|---------|------|---------|------|---------|------|---------|------|---------|------|---------|------|---------|------|---------|------|---------|------|---------|------|---------|------|---------|------|---------|
| 0+00 | 731.282 | 0+50 | 730.600 | 1+00 | 729.350 | 1+50 | 728.555 | 2+00 | 727.980 | 2+50 | 727.573 | 3+00 | 726.343 | 3+50 | 725.966 | 4+00 | 725.762 | 4+50 | 725.197 | 5+00 | 721.740 | 5+50 | 717.430 | 6+00 | 716.555 | 6+50 | 716.214 |
|------|---------|------|---------|------|---------|------|---------|------|---------|------|---------|------|---------|------|---------|------|---------|------|---------|------|---------|------|---------|------|---------|------|---------|



| NO. | ISSUE/DESCRIPTION | BY | DATE |
|-----|--|-----|------------|
| 4 | PER TOWN COMMENTS DATED OCTOBER 29, 2020 | CJM | 11/09/2020 |
| 3 | PER TOWN COMMENTS | CJM | 10/05/2020 |
| 2 | PER TOWN COMMENTS | CJM | 08/04/2020 |
| 1 | PER TOWN COMMENTS | CJM | 07/02/2020 |

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COUNTY LINE ROAD SUBDIVISION
COUNTY LINE ROAD
 TOWN OF SKANEATELES, STATE OF NY

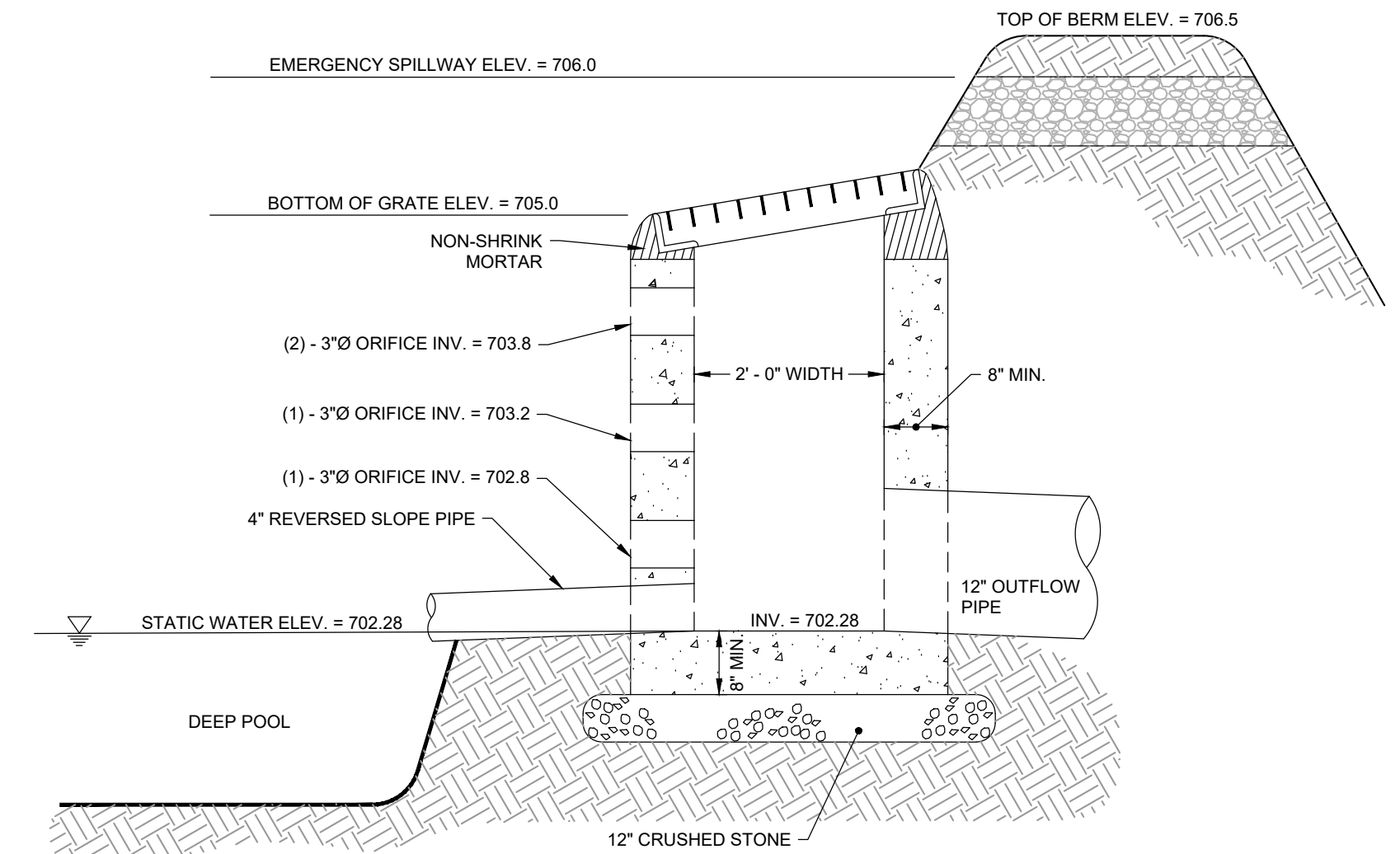
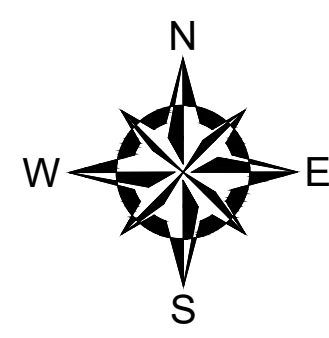
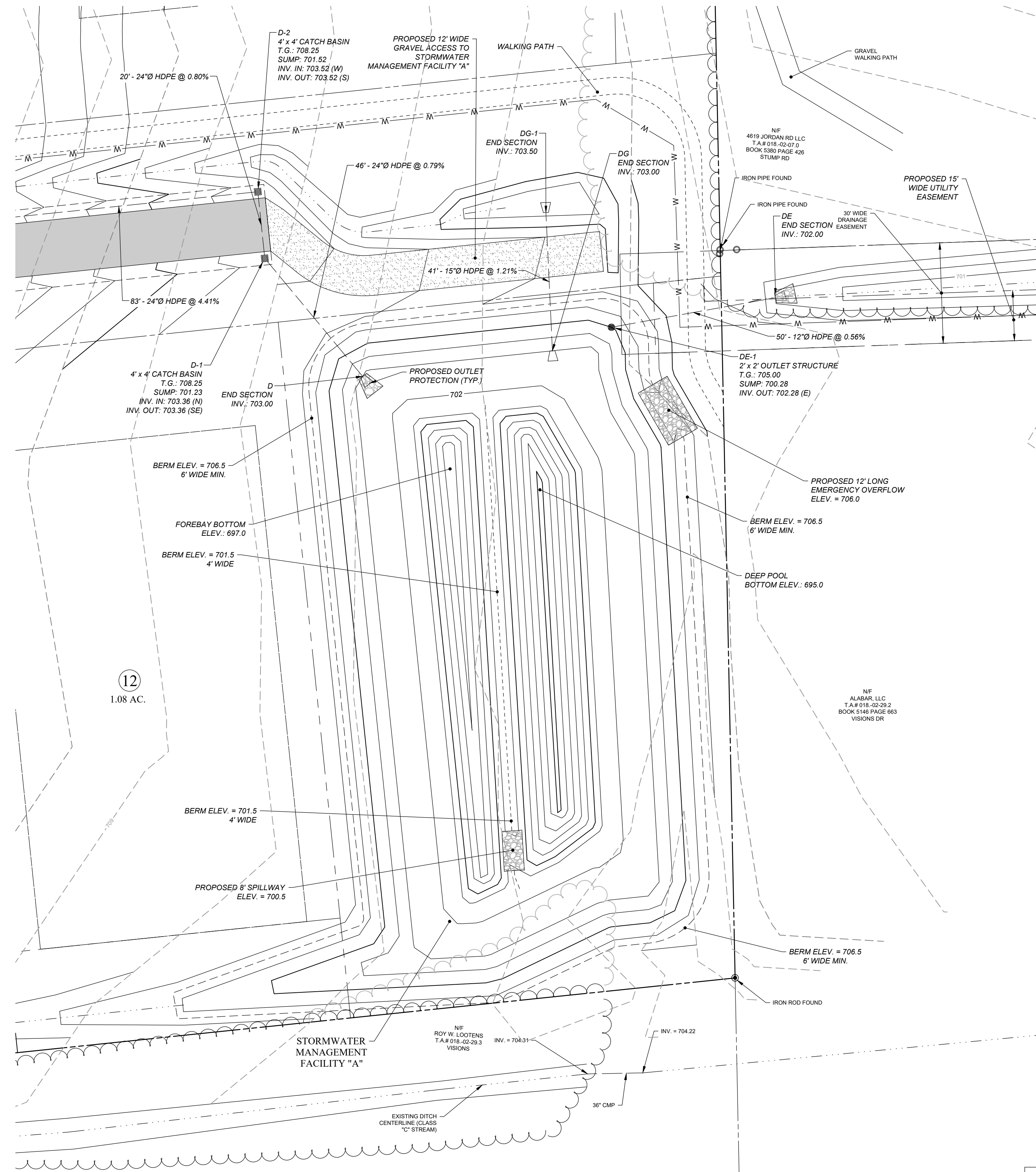
STREET C PLAN & PROFILE

| | |
|----------------------------|--|
| PREPARED BY: GZA | PREPARED FOR: CHRIS GRAHAM 4331 JORDAN ROAD SKANEATELES, NEW YORK |
| PROJ MGR: E.K.R. | REVIEWED BY: C.J.M. |
| DESIGNED BY: E.K.R. | DRAWN BY: E.K.R. |
| DATE: JUNE 01, 2020 | PROJECT NO. 31.0180302.00 |
| CHECKED BY: | SCALE: AS NOTED |
| REVISION NO. 4 | DWG CC132 |
| | SHEET NO. 08 OF 14 |

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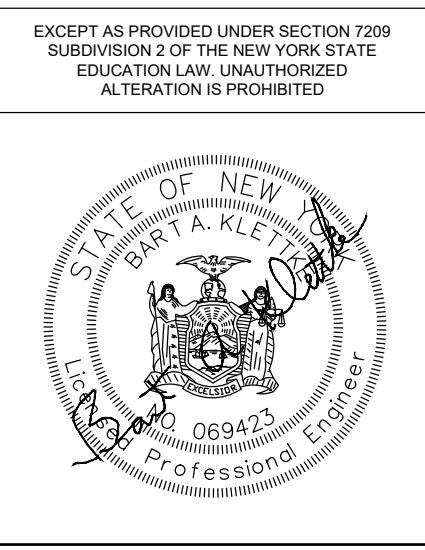
NOTES:
 STORM DRAINAGE STRUCTURES SHALL BE REINFORCED CONCRETE DESIGN TO RESIST H20 LOADINGS. COAT INTERIOR AND EXTERIOR WITH (1) COAT BITUMASTIC BLACK SOLUTION. PROVIDE 8\"/>

PRE-CAST CONCRETE DRAINAGE STRUCTURE FOR STORMWATER BASIN A
 NOT TO SCALE



| NO. | ISSUE/DESCRIPTION | BY | DATE |
|-----|--|-----|------------|
| 4 | PER TOWN COMMENTS DATED OCTOBER 29, 2020 | CJM | 11/09/2020 |
| 3 | PER TOWN COMMENTS | CJM | 10/05/2020 |
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| 1 | PER TOWN COMMENTS | CJM | 07/08/2020 |

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**COUNTY LINE ROAD SUBDIVISION
 COUNTY LINE ROAD
 TOWN OF SKANEATELES, STATE OF NY**

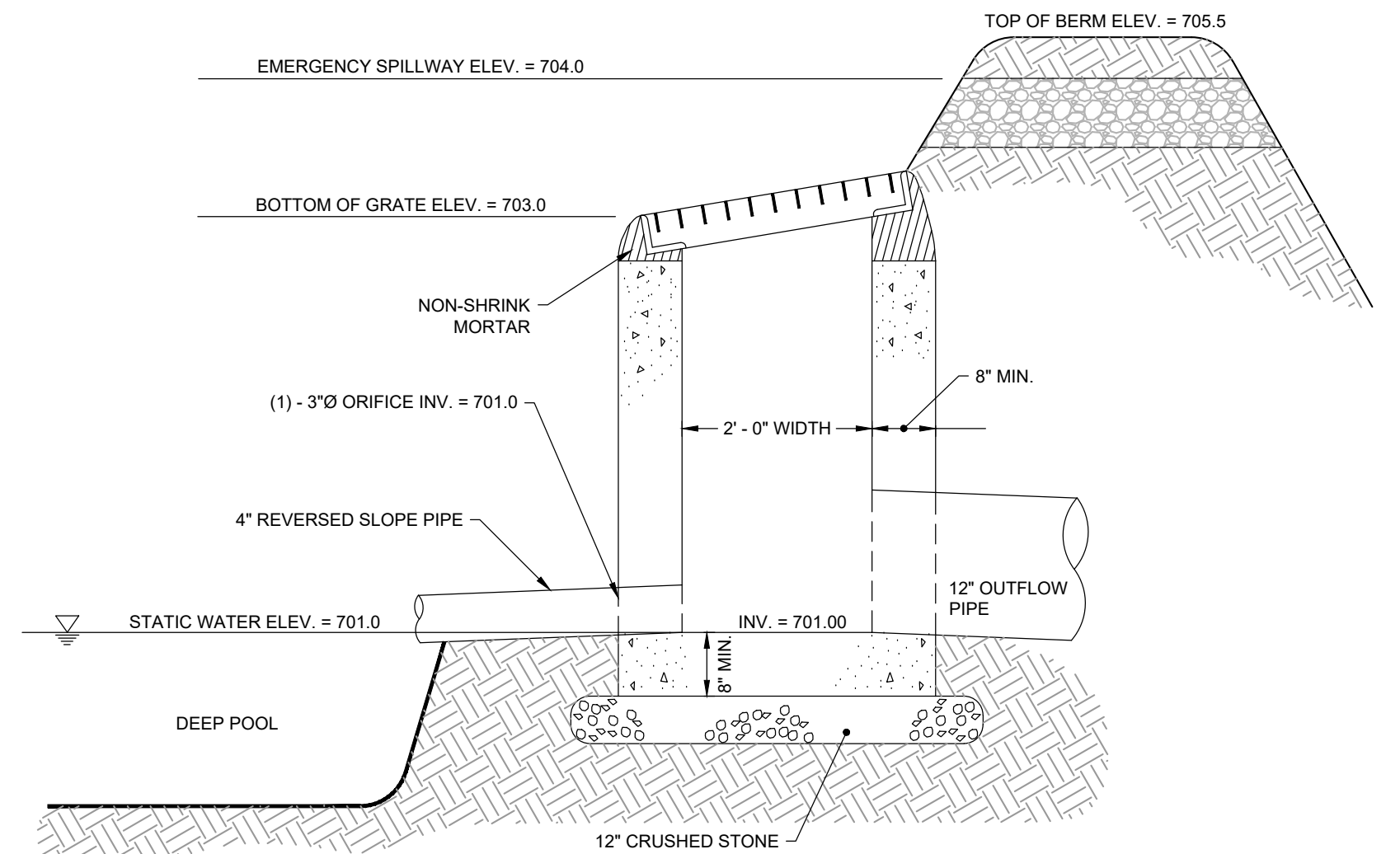
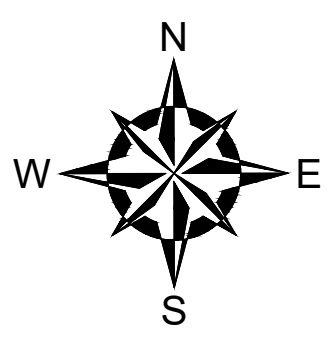
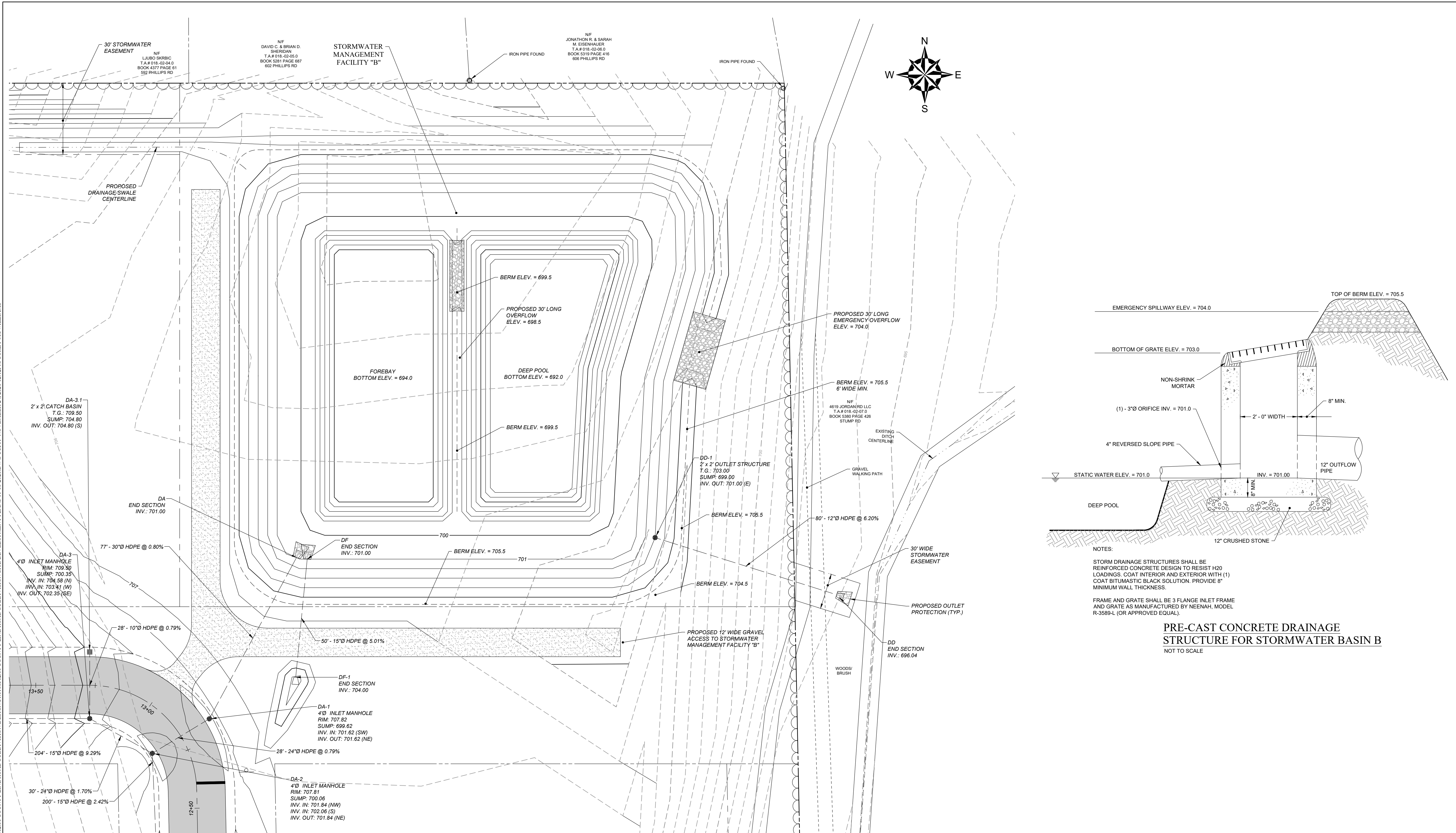
STORMWATER BASIN "A" DETAILS

| | |
|--|--|
| PREPARED BY: GZA GeoEnvironmental of NY Engineers and Scientists www.gza.com | PREPARED FOR: CHRIS GRAHAM 4331 JORDAN ROAD SKANEATELES, NEW YORK |
| PROJ MGR: E.K.R. REVIEWED BY: C.J.M. DESIGNED BY: E.K.R. DRAWN BY: E.K.R. | CHECKED BY: SCALE: AS NOTED |
| DATE: JUNE 01, 2020 PROJECT NO. 31.0180302.00 | REVISION NO. 4 |

DWG CC500
 SHEET NO. 09 OF 14



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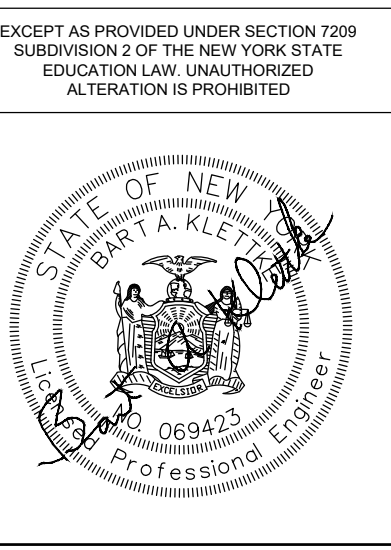


PRE-CAST CONCRETE DRAINAGE STRUCTURE FOR STORMWATER BASIN B
NOT TO SCALE



| NO. | ISSUE/DESCRIPTION | BY | DATE |
|-----|--|-----|------------|
| 4 | PER TOWN COMMENTS DATED OCTOBER 29, 2020 | CJM | 11/09/2020 |
| 3 | PER TOWN COMMENTS | CJM | 10/05/2020 |
| 2 | PER TOWN COMMENTS | CJM | 08/04/2020 |
| 1 | PER TOWN COMMENTS | CJM | 07/08/2020 |

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COUNTY LINE ROAD SUBDIVISION
COUNTY LINE ROAD
TOWN OF SKANEATELES, STATE OF NY

STORMWATER BASIN "B" DETAILS

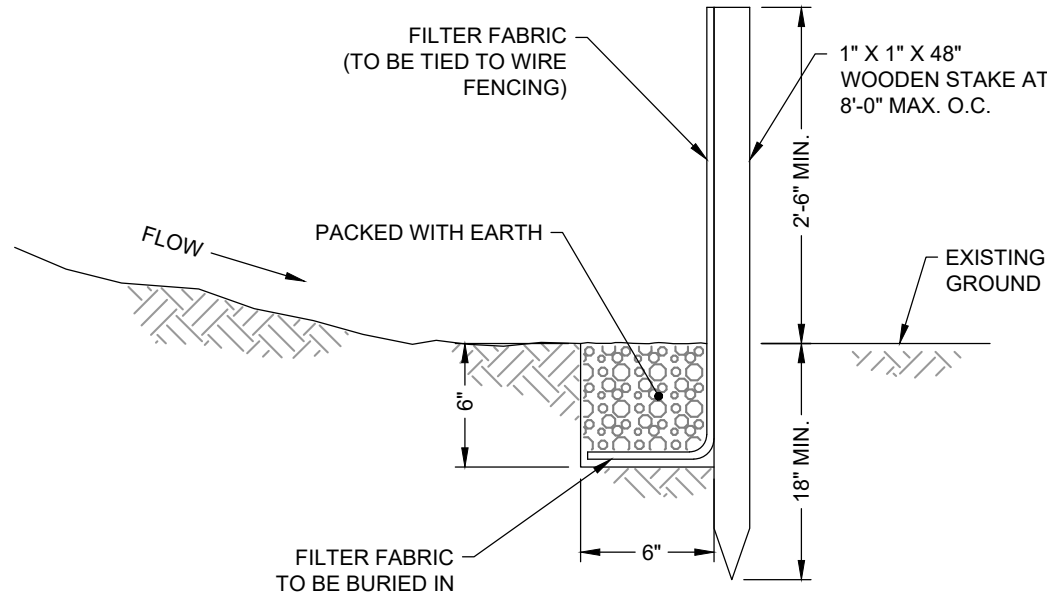
PREPARED BY: **GZA** GeoEnvironmental of NY
Engineers and Scientists
www.gza.com

PREPARED FOR: CHRIS GRAHAM
4331 JORDAN ROAD
SKANEATELES, NEW YORK

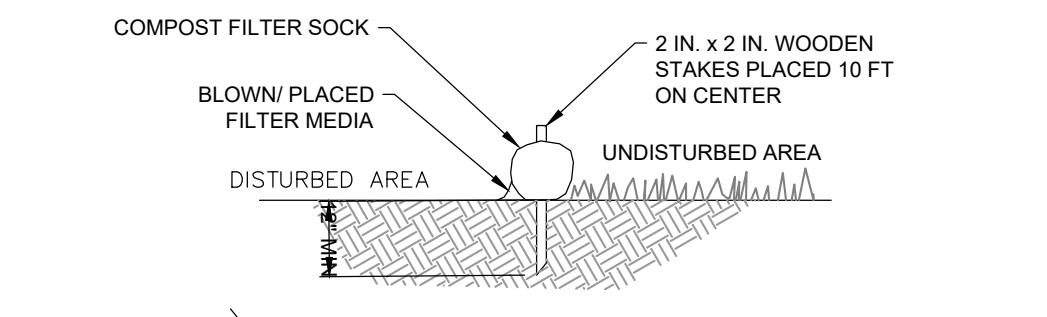
PROJ MGR: E.K.R. REVIEWED BY: C.J.M. CHECKED BY: DWG
DESIGNED BY: E.K.R. DRAWN BY: E.K.R. SCALE: AS NOTED
DATE: JUNE 01, 2020 PROJECT NO. 31.0180302.00 REVISION NO. 4

CC501
SHEET NO. 10 OF 14

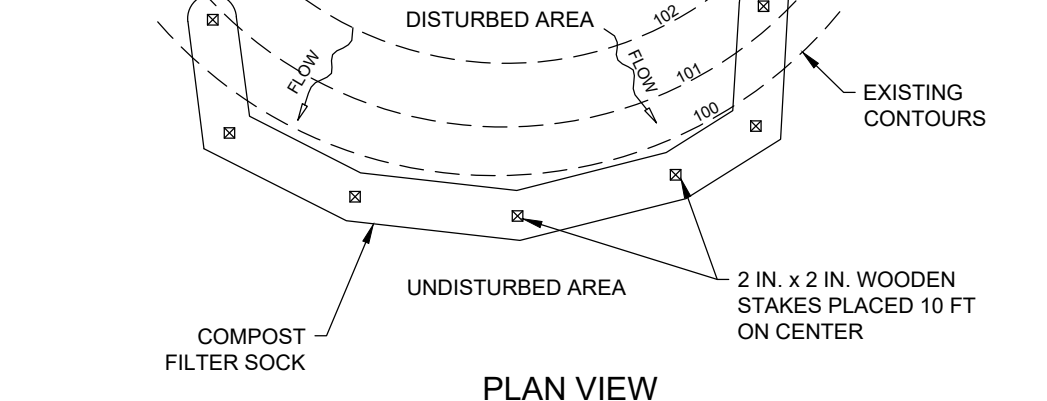




SILT FENCE DETAIL
NOT TO SCALE



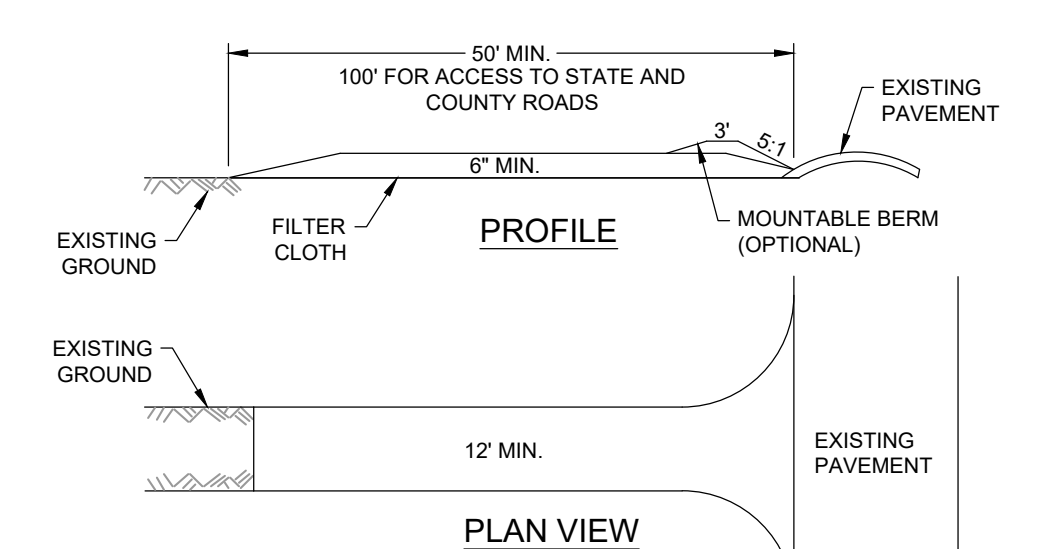
SECTION



PLAN VIEW

- NOTES:**
- SOCK FABRIC SHALL MEET STANDARDS AND SPECIFICATIONS OUTLINED IN NYSDEC STORMWATER MANUAL.
 - COMPOST FILTER SOCK SHALL BE PLACED AT EXISTING ELEVATION GRADE. BOTH ENDS OF THE BARRIER SHALL BE EXTENDED AT LEAST 8 FEET UP SLOPE AT 45 DEGREES TO THE MAIN BARRIER ALIGNMENT. MAXIMUM SLOPE LENGTH ABOVE ANY BARRIER SHALL NOT EXCEED THAT SPECIFIED FOR THE SIZE OF THE SOCK AND THE SLOPE OF ITS TRIBUTARY AREA.
 - TRAFFIC SHALL NOT BE PERMITTED TO CROSS COMPOST FILTER SOCKS.
 - ACCUMULATED SEDIMENT SHALL BE REMOVED WHEN IT REACHES 1/2 THE ABOVE GROUND HEIGHT OF THE BARRIER AND DISPOSED IN THE MANNER DESCRIBED ELSEWHERE IN THE PLAN.
 - COMPOST FILTER SOCKS SHALL BE INSPECTED WEEKLY AND AFTER EACH RUNOFF EVENT. DAMAGED SOCKS SHALL BE REPAIRED ACCORDING TO MANUFACTURER'S SPECIFICATIONS OF REPLACED WITHIN 24 HOURS OF INSPECTION.
 - BIODEGRADABLE COMPOST FILTER SOCKS SHALL BE REPLACED AFTER 6 MONTHS. PHOTODEGRADABLE SOCKS AFTER 1 YEAR. POLYPROPYLENE SOCKS SHALL BE REPLACED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.
 - UPON STABILIZATION OF THE AREA TRIBUTARY TO THE SOCK, STAKES SHALL BE REMOVED. THE SOCK MAY BE LEFT IN PLACE AND VEGETATED OR REMOVED. IN THE LATTER CASE, THE MESH SHALL BE CUT OPEN AND THE MULCH SPREAD AS A SOIL SUPPLEMENT.

COMPOST FILTER SOCK
NOT TO SCALE

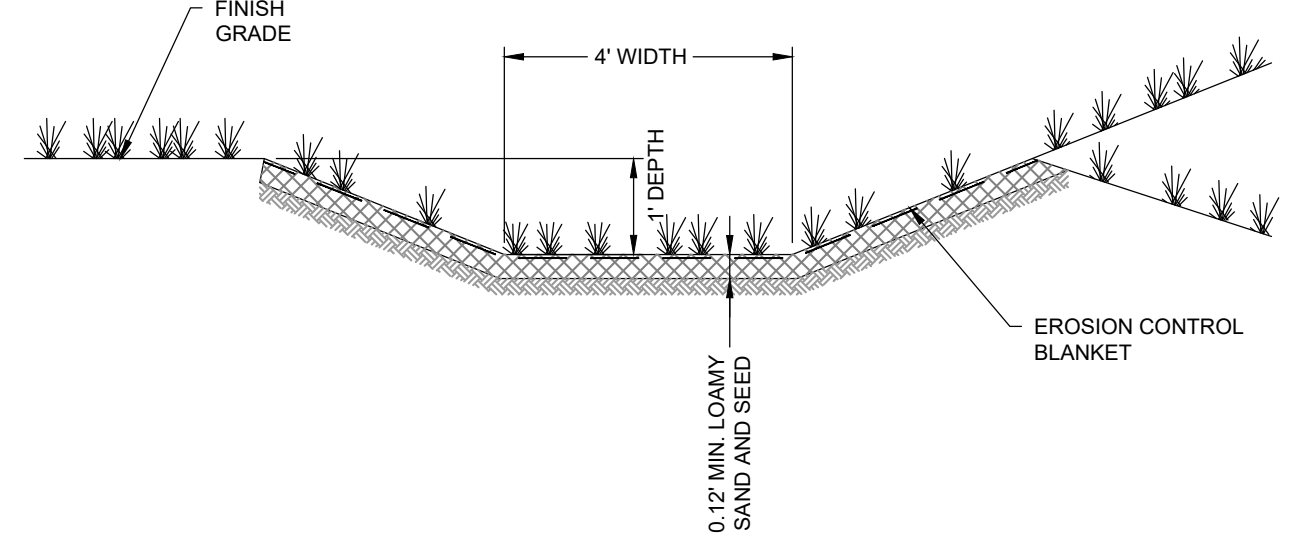


PROFILE

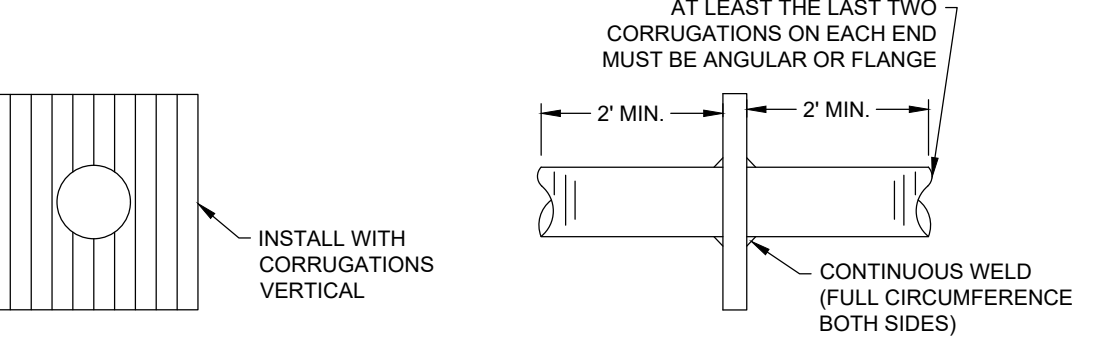
PLAN VIEW

- CONSTRUCTION SPECIFICATIONS**
- STONE SIZE - USE 2" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
 - LENGTH - NOT LESS THAN FIFTY (50) FEET (EXCEPT ON A SINGLE RESIDENCE LOT WHERE A THIRTY (30) FOOT MINIMUM LENGTH WOULD APPLY).
 - THICKNESS - NOT LESS THAN SIX (6) INCHES.
 - WIDTH - TWELVE (12) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS. TWENTY-FOUR (24) FOOT IF SINGLE ENTRANCE TO SITE.
 - FILTER CLOTH - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
 - SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
 - MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
 - WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON A AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRACKING DEVICE.
 - PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN EVENT.

STABILIZED CONSTRUCTION ENTRANCE
NOT TO SCALE



DRAINAGE SWALE AND LINED DITCH
NOT TO SCALE

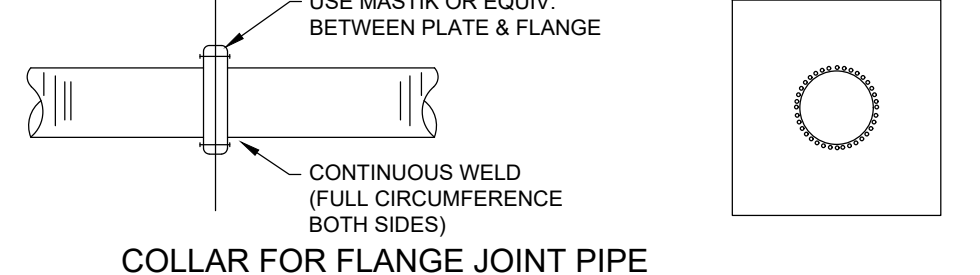


COLLAR WELDED IN PLACE ON BARREL SECTION

- PLATES TO BE PRE-CUT CLAMPED TOGETHER & PRE-DRILLED & LABELED TO FACILITATE WATER TIGHT FIELD ASSEMBLY.



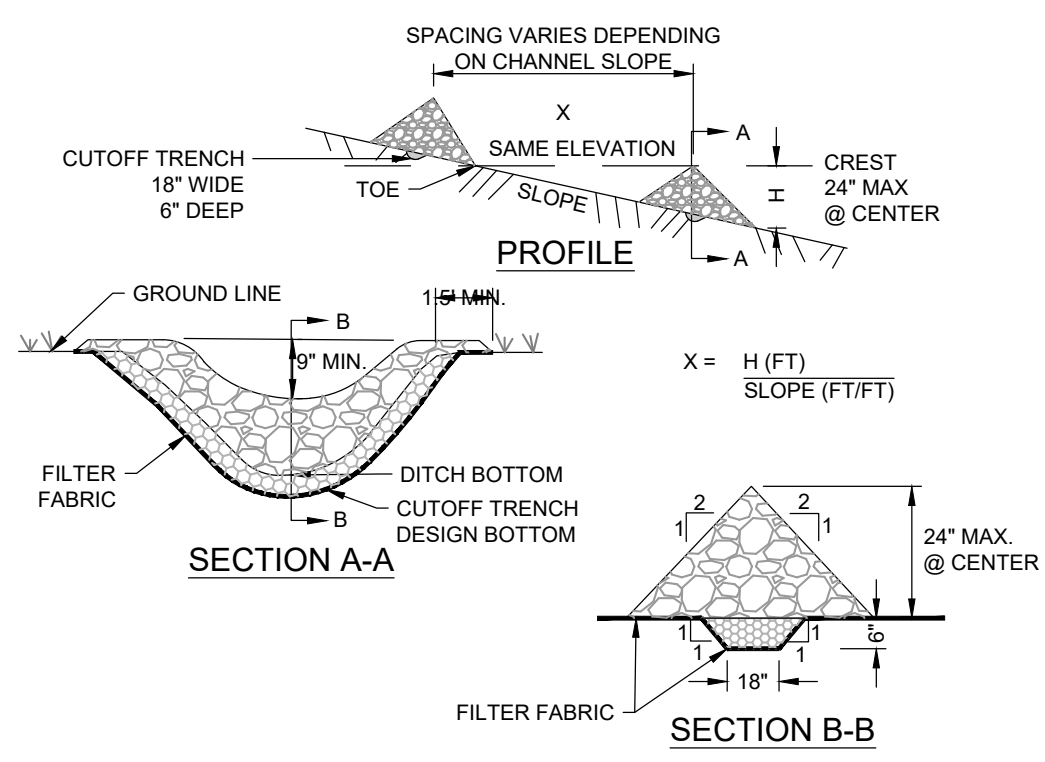
MULTI-PIECE COLLAR FOR LARGE PIPES



COLLAR FOR FLANGE JOINT PIPE

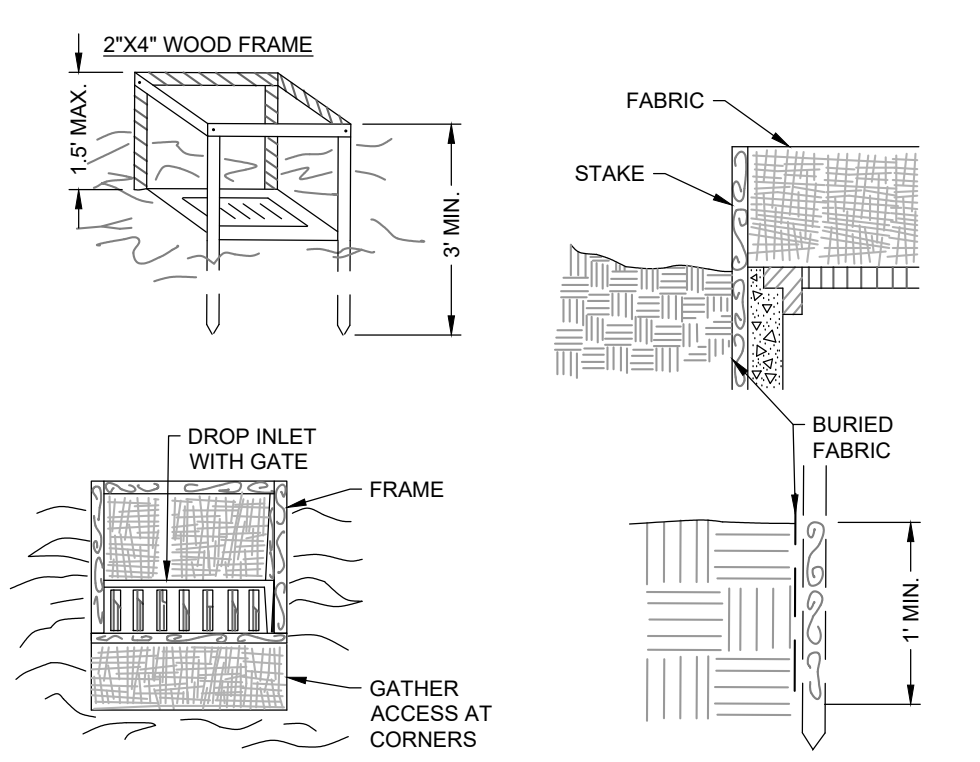


ANTI SEEP COLLAR
NOT TO SCALE



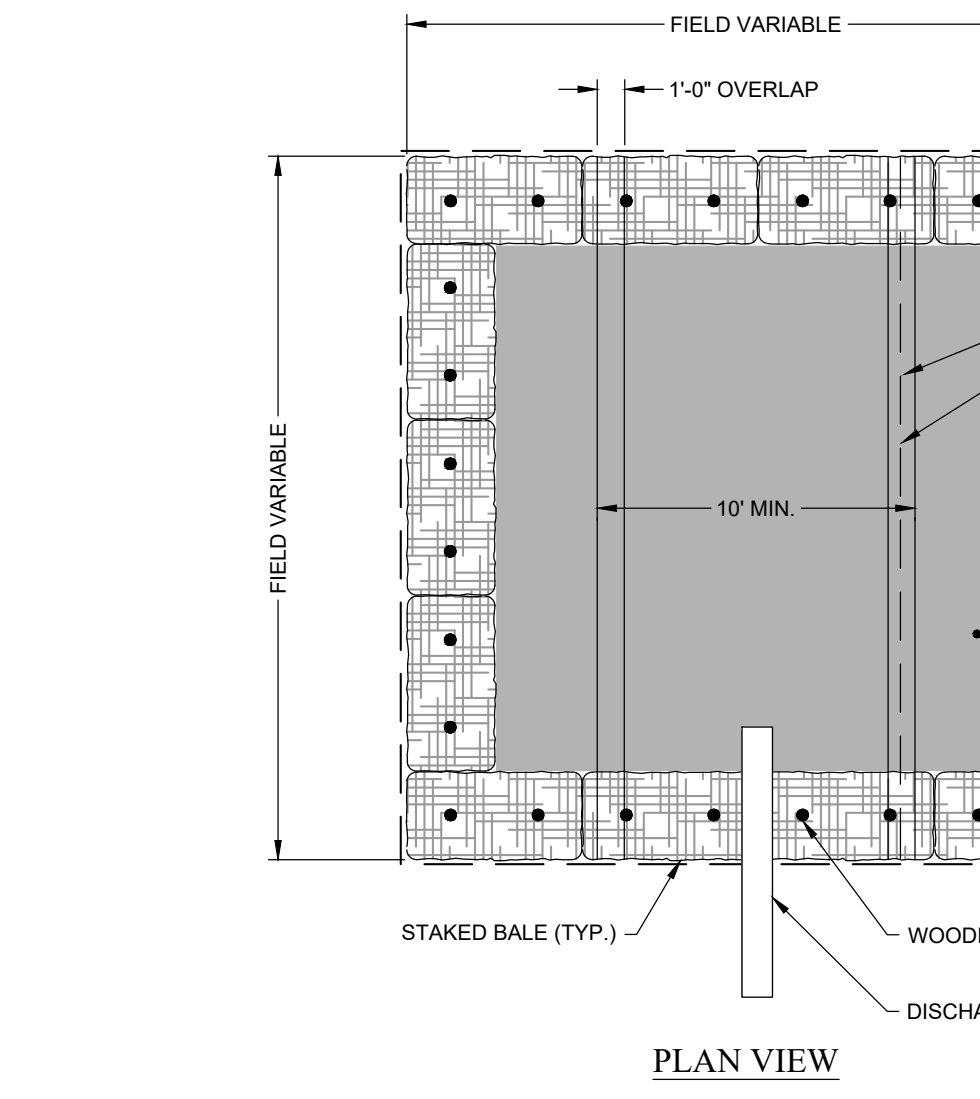
- CONSTRUCTION SPECIFICATIONS**
- STONE WILL BE PLACED ON A FILTER FABRIC FOUNDATION TO THE LINES, GRADES AND LOCATIONS SHOWN ON THE PLAN.
 - SET SPACING OF CHECK DAMS AS INDICATED ON GRADING, EROSION AND SEDIMENT CONTROL PLAN.
 - EXTEND THE STONE A MINIMUM OF 18" BEYOND THE DITCH BANKS TO PREVENT CUTTING AROUND THE DAM.
 - PROTECT THE CHANNEL DOWNSTREAM OF THE LOWEST CHECK DAM FROM SCOUR AND EROSION WITH STONE OR LINER APPROPRIATE.
 - ENSURE THAT CHANNEL APPURTENANCES, SUCH AS CULVERT ENTRANCES BELOW CHECK DAMS, ARE NOT SUBJECT TO DAMAGE OR BLOCKAGE FROM DISPLACED STONES.
 - GRADED STONE SHALL BE BETWEEN 0.25" AND 1.5" IN SIZE, MEETING THE REQUIREMENTS OF NYS DOT ITEM NO. 620.03.
 - MAXIMUM DRAINAGE AREA = 2 ACRES

TEMPORARY CHECK DAM
NOT TO SCALE

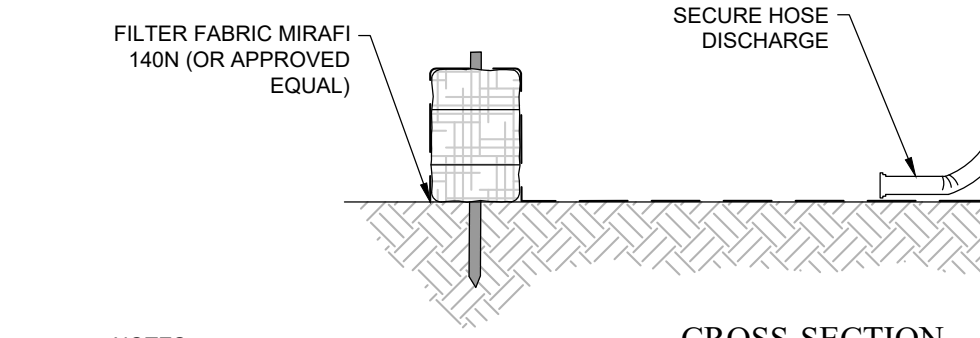


- FILTER FABRIC SHALL HAVE AN EOS OF 40-85. BURLAP MAY BE USED FOR SHORT TERM APPLICATIONS.
- CUT FABRIC FROM A CONTINUOUS ROLL TO ELIMINATE JOINTS. IF JOINTS ARE NEEDED THEY WILL BE OVERLAPPED TO THE NEXT STAKE.
- STAKE MATERIALS WILL BE STANDARD 2" x 4" WOOD OR EQUIVALENT METAL WITH A MINIMUM LENGTH OF 3 FEET.
- SPACE STAKES EVENLY AROUND INLET 3 FEET APART AND DRIVE A MINIMUM 18 INCHES DEEP. SPANS GREATER THAN 3 FEET MAY BE BRIDGED WITH THE USE OF WIRE MESH BEHIND THE FILTER FABRIC FOR SUPPORT.
- FABRIC SHALL BE EMBEDDED 1 FOOT MINIMUM BELOW GROUND AND BACKFILLED. IT SHALL BE SECURELY FASTENED TO THE STAKES AND FRAME.
- A 2" x 4" WOOD FRAME SHALL BE COMPLETED AROUND THE CREST OF THE FABRIC FOR OVERFLOW STABILITY.
- MAXIMUM DRAINAGE AREA 1 ACRE.

FILTER FABRIC INLET PROTECTION
NOT TO SCALE



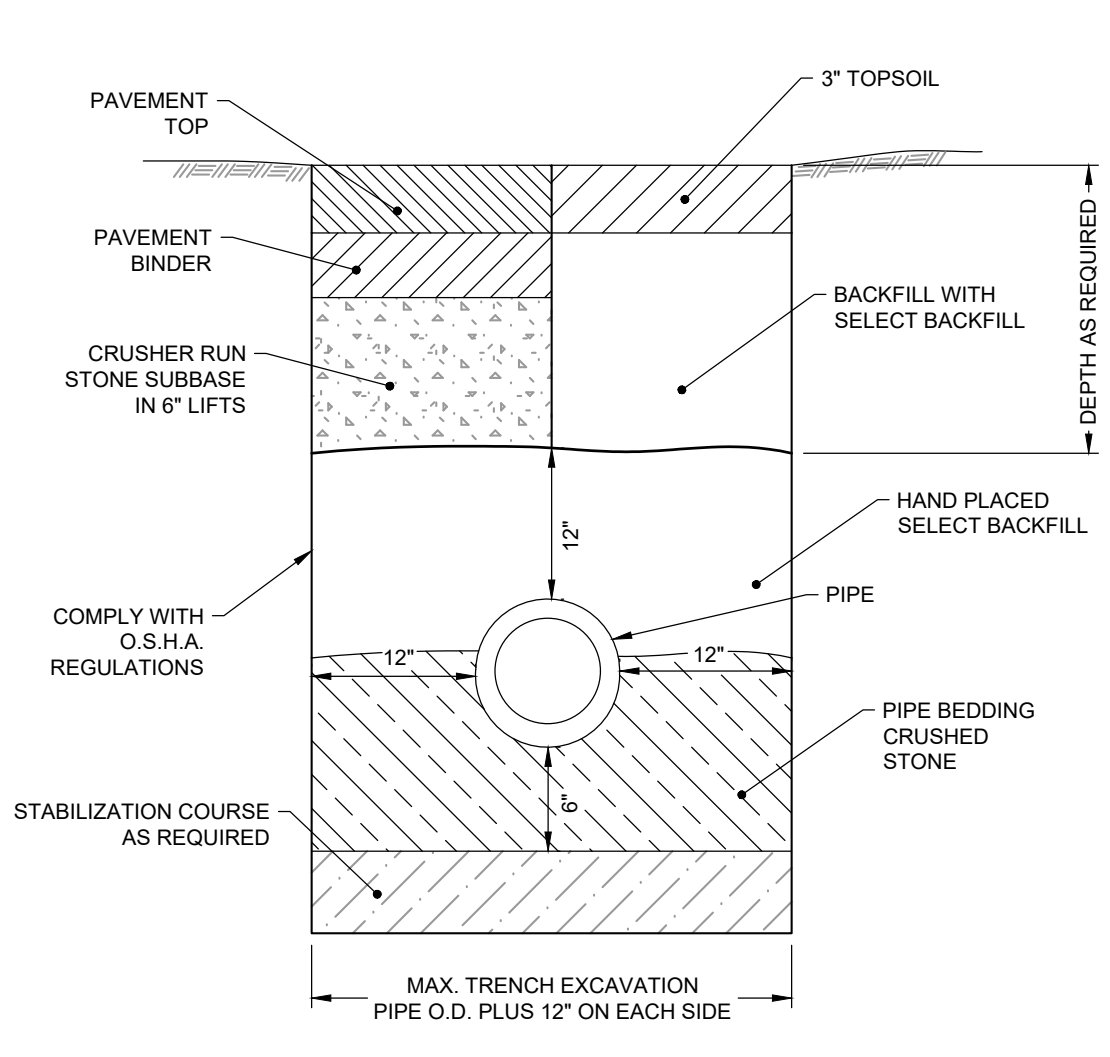
PLAN VIEW



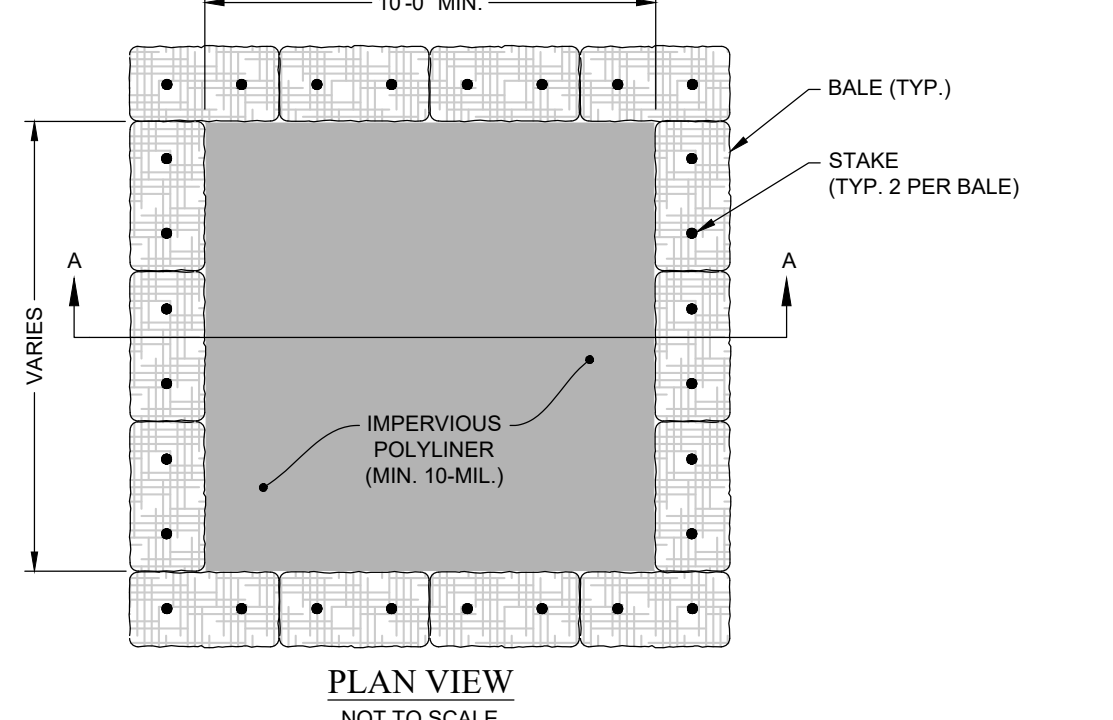
CROSS-SECTION

- NOTES:**
- NUMBER OF BALES MAY VARY DEPENDING ON SITE CONDITIONS.
 - THE BASIN TO BE SIZED TO PREVENT DISCHARGE WATER FROM OVERTOPPING BASIN.
 - KEEP AS FAR FROM WETLANDS AS PRACTICAL.
 - CLEAN AND REMOVE AS SOON AS DEWATERING IS COMPLETE.

DEWATERING BASIN
NOT TO SCALE

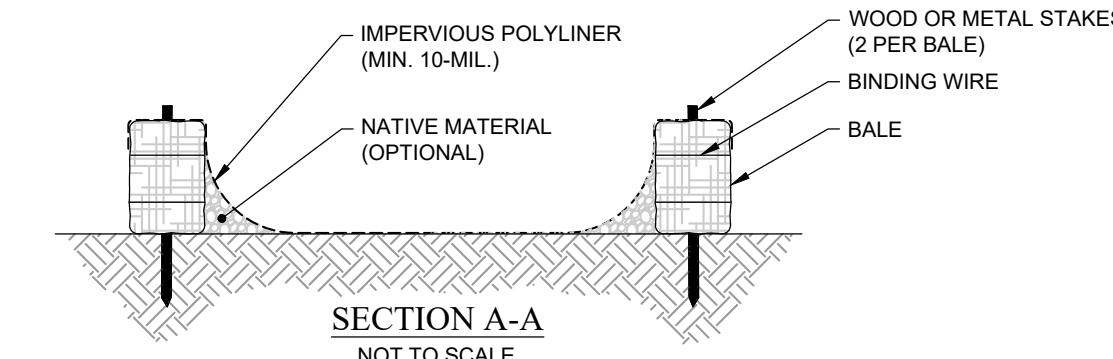


TYPICAL PIPE TRENCH DETAIL
NOT TO SCALE

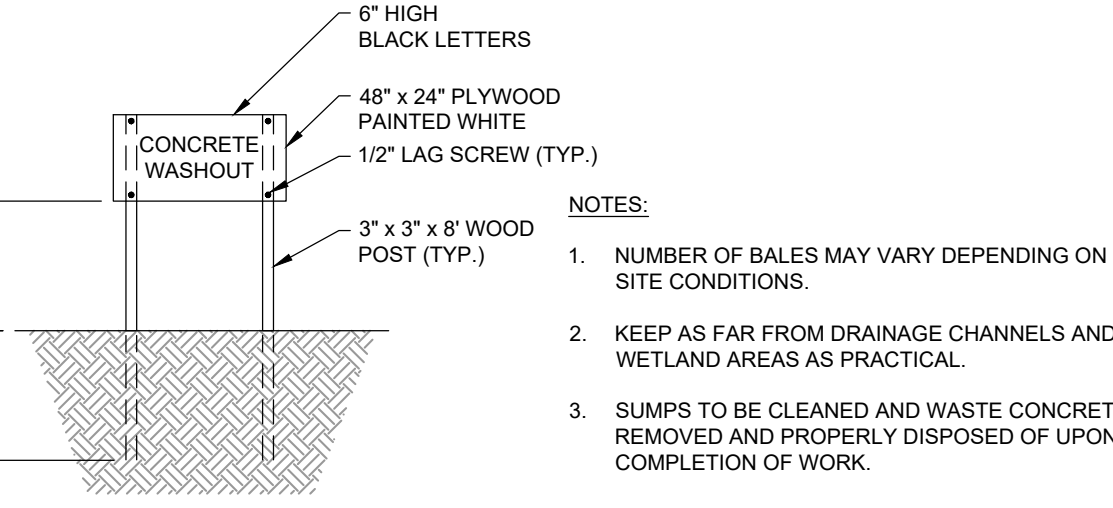


PLAN VIEW
NOT TO SCALE

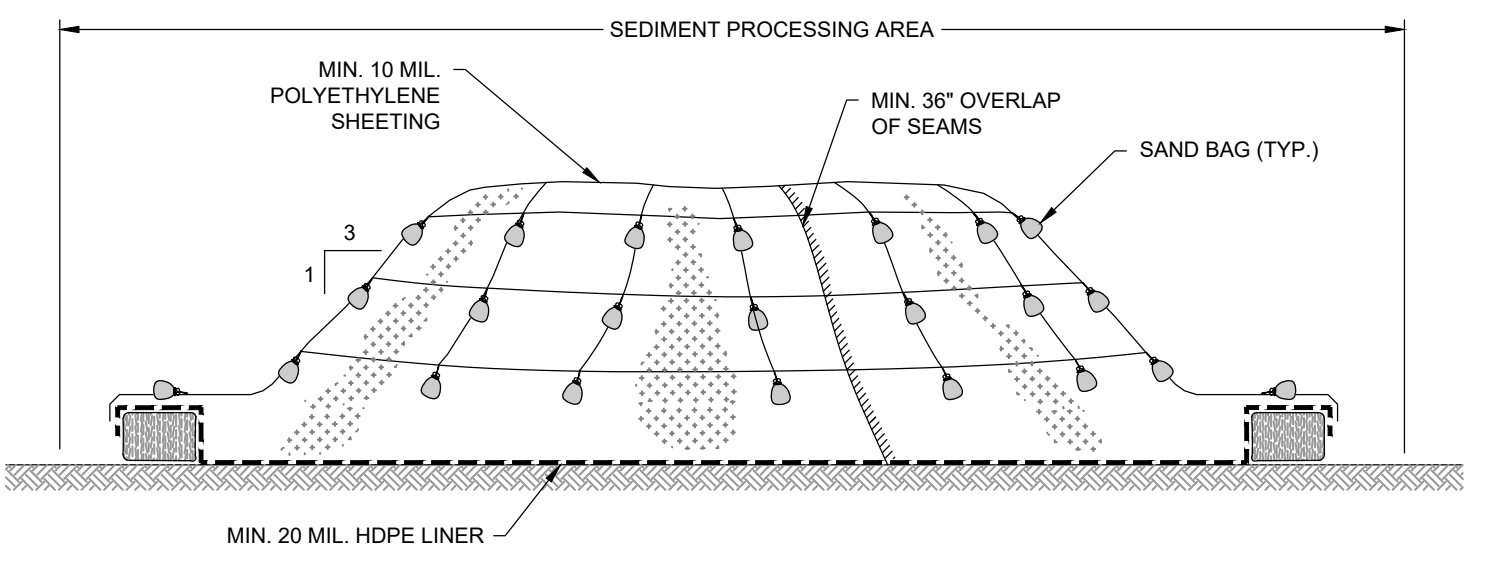
CONCRETE WASHOUT AREA
(TYP. "ABOVE GRADE" WITH BALES)



SECTION A-A
NOT TO SCALE



CONCRETE WASHOUT SIGN DETAIL
(OR EQUIVALENT)
NOT TO SCALE

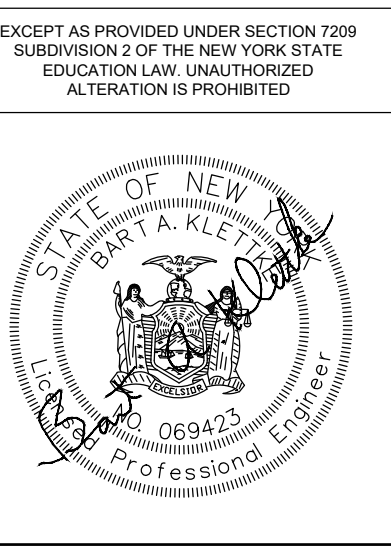


- NOTES:**
- STOCKPILES SHALL BE PLACED ON MINIMUM 20 MIL HDPE LINER.
 - STOCKPILES SHALL BE COVERED WITH MINIMUM 10 MIL POLYETHYLENE SHEETING WHENEVER LOADING, STABILIZATION, OR PLACEMENT IS NOT OCCURRING.
 - STOCKPILE AREAS SHALL BE SUBJECT TO DUST / ODOR CONTROLS WHENEVER LOADING, STABILIZATION, OR PLACEMENT IS OCCURRING AND AS DIRECTED BY ENGINEER. STOCKPILES SHALL BE COVERED WITH POLYETHYLENE WHEN THESE ACTIVITIES ARE NOT BEING PERFORMED.
 - SHEETING COVERING STOCKPILE SHALL BE MAINTAINED TIGHTLY IN PLACE BY USING SAND BAGS ON ROPES WITH A MAXIMUM 10'-0" GRID SPACING IN ALL DIMENSIONS.
 - MINIMUM 36" OVERLAP OF ALL SEAMS REQUIRED.
 - STOCKPILE SIDE SLOPES SHALL BE NO STEEPER THAN 3 (HORIZONTAL) TO 1 (VERTICAL).
 - CONTRACTOR SHALL PLACE STRAW BALE BERMS AS SHOWN ON THE DETAIL ABOVE AROUND STOCKPILES GENERATED OUTSIDE OF THE SEDIMENT PROCESSING AREA. STRAW BALE BERMS, AS SHOWN ON THE DETAIL, ARE NOT REQUIRED FOR STOCKPILES IN THE SEDIMENT PROCESSING AREA.

TYPICAL STOCKPILE DETAIL
NOT TO SCALE

| NO. | PER TOWN COMMENTS | ISSUE/DESCRIPTION | BY | DATE |
|-----|-------------------|-------------------|-----|------------|
| 1 | | | CJM | 07/08/2020 |

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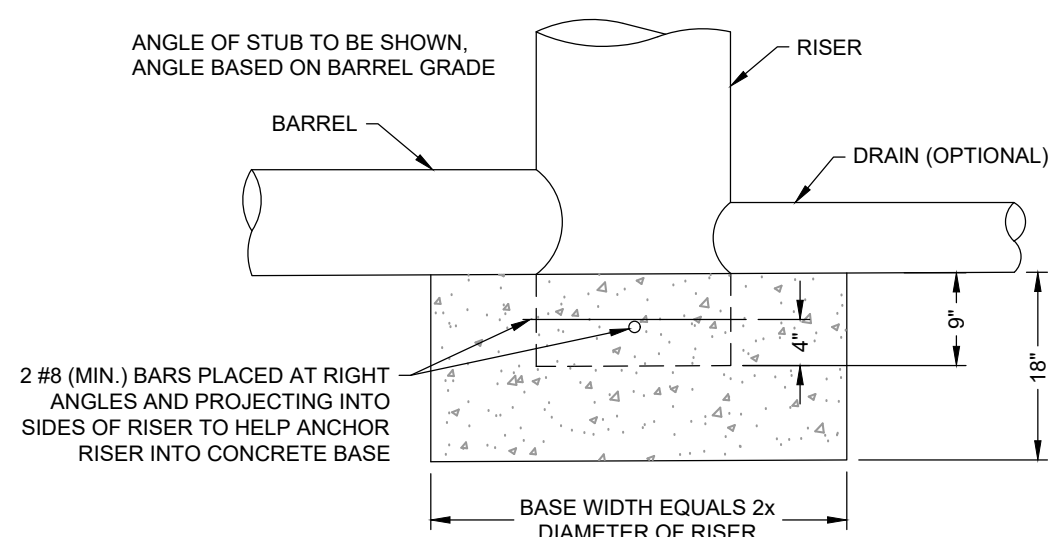
**COUNTY LINE ROAD SUBDIVISION
COUNTY LINE ROAD
TOWN OF SKANEATELES, STATE OF NY**

DETAILS

| | | |
|----------------------------|--|--|
| PREPARED BY: GZA | GZA GeoEnvironmental of NY Engineers and Scientists www.gza.com | PREPARED FOR: CHRIS GRAHAM 4331 JORDAN ROAD SKANEATELES, NEW YORK |
| PROJ MGR: E.K.R. | REVIEWED BY: C.J.M. | CHECKED BY: |
| DESIGNED BY: E.K.R. | DRAWN BY: E.K.R. | SCALE: AS NOTED |
| DATE: JUNE 01, 2020 | PROJECT NO. 31.0180302.00 | REVISION NO. 4 |

DWG
CC502
SHEET NO. 11 OF 14

© 2020 - GZA GeoEnvironmental, Inc. GZA-F-31.0180302.00 COUNTY LINE ROAD SUBDIVISION SITE DEVELOPMENT PLANS 11-06-2020/DWG CC-503 NOVEMBER 24, 2020 12:21PM COREY MCWILLIAMS

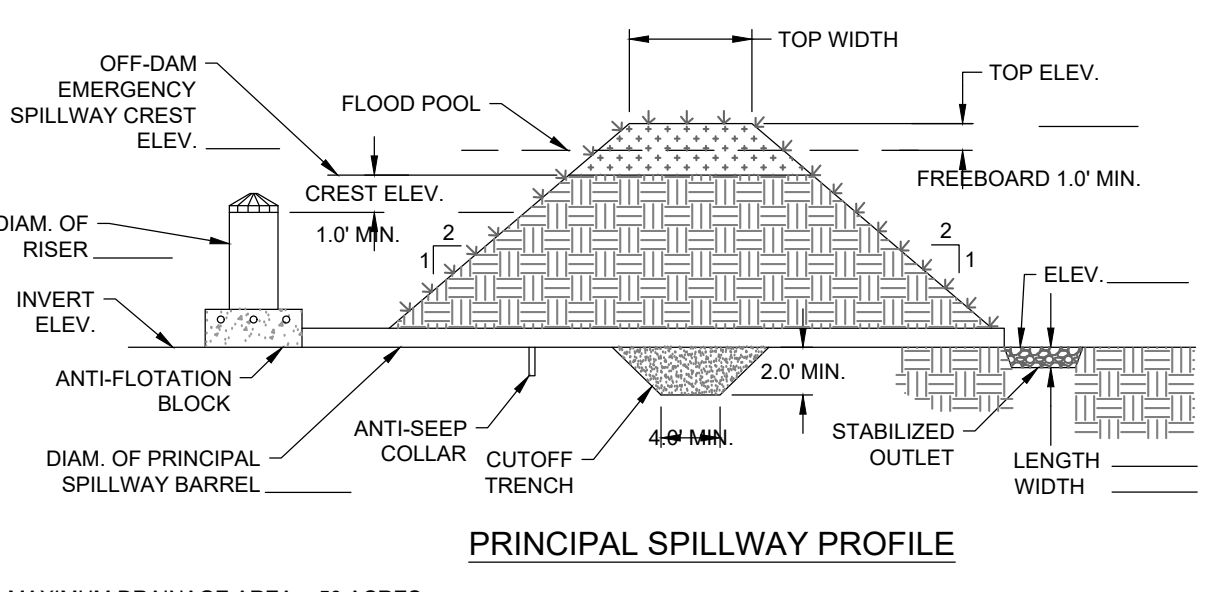


- CONSTRUCTION SPECIFICATIONS**
1. THE CONCRETE BASE SHALL BE POURED IN SUCH A MANNER TO INSURE THAT THE CONCRETE FILLS THE BOTTOM OF THE RISER TO THE INVERT OF THE OUTLET PIPE TO PREVENT THE RISER FROM THE BREAKING AWAY FROM THE BASE.
 2. WITH ALUMINUM OR ALUMINIZED PIPE, THE EMBEDDED SECTION MUST BE PAINTED WITH CHROMATE OR EQUIVALENT.
 3. RISER BASE MAY BE SIZED AS COMPUTED USING FLOTATION WITH A FACTOR OF SAFETY OF 1.2.

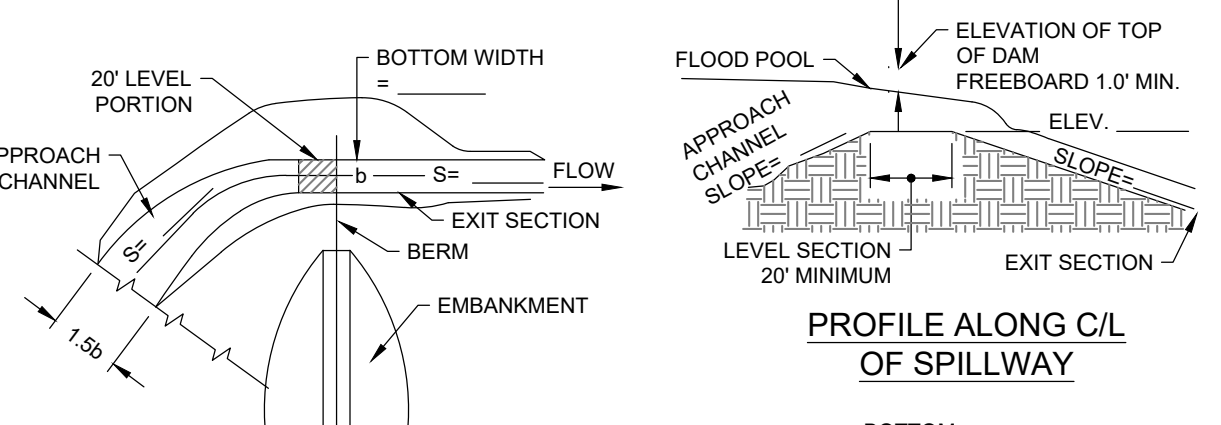
RISER DETAIL
NOT TO SCALE

- RISER PIPE CONSTRUCTION NOTES:**
1. STANDPIPE AND CONNECTOR PIPE SHALL BE A MINIMUM OF 6 INCHES DIAMETER.
 2. METAL PIPE MAY BE GALVANIZED STEEL OR ALUMINUM; PLASTIC PIPE MAY BE SCHEDULE 40 PVC OR HDPP.
 3. CONSTRUCTION OPERATIONS SHALL BE CARRIED OUT IN SUCH A MANNER THAT EROSION AND WATER POLLUTION ARE MINIMIZED.
 4. THE STRUCTURE SHALL ONLY BE REMOVED WHEN THE CONTRIBUTING DRAINAGE AREA HAS BEEN PROPERLY STABILIZED.
 5. ALL PIPE CONNECTIONS SHALL BE WATERTIGHT. THE LOWER PORTION OF THE STANDPIPE, AT A POINT ABOVE THE BARREL CONNECTION, SHALL BE FITTED WITH AN INTERNAL ORIFICE PLATE SIZED TO RELEASE THE VOLUME OF THE BASIN NO SOONER THAN 48 HOURS.
 6. THE TOP 2/3 OF THE STANDPIPE SHALL BE PERFORATED WITH 1 INCH DIAMETER OR HOLE SLIT SPACED 6 INCHES VERTICALLY AND HORIZONTALLY AND PLACED IN THE CONCAVE PORTION OF THE PIPE. NO HOLES WILL BE ALLOWED WITHIN 6 INCHES OF THE HORIZONTAL CONNECTOR PIPE.
 7. THE RISER SHALL BE WRAPPED WITH A TYPE GD-11 GEOTEXTILE FABRIC. THE FABRIC SHALL EXTEND 6 INCHES ABOVE THE HIGHEST HOLE AND 6" BELOW THE LOWEST HOLE. WHERE ENDS OF FABRIC COME TOGETHER, THEY SHALL BE OVERLAPPED, FOLDED AND STAPLED TO PREVENT BYPASS.
 8. STRAPS OR CONNECTING HANDS SHALL BE USED TO HOLD THE FABRIC AND WIRE MESH (AS NEEDED) IN PLACE. THEY SHALL BE PLACED AT THE TOP AND BOTTOM OF THE CLOTH.
 9. THE STANDPIPE SHALL BE ANCHORED WITH THE EITHER CONCRETE BASE OR STEEL PLATE BASE TO PREVENT FLOTATION. CONCRETE BASES SHALL BE 12 INCHES THICK WITH THE STANDPIPE EMBEDDED NINE INCHES. STEEL PLATE BASES WILL BE 1/4 INCH MINIMUM THICKNESS ATTACHED TO THE STANDPIPE BY A CONTINUOUS WELD AROUND THE BOTTOM TO FORM A WATERTIGHT CONNECTION. THE PLATE SHALL HAVE 2.5 FEET OF STONE, GRAVEL OR TAMPERED EARTH PLACED ON IT.
 10. THE PERFORATED STANDPIPE SHALL BE SURROUNDED BY NYS DOT #1 OR #2 STONE OR A BLEND OF BOTH TO PROTECT THE FILTER FABRIC.

RISER NOTES



PRINCIPAL SPILLWAY PROFILE

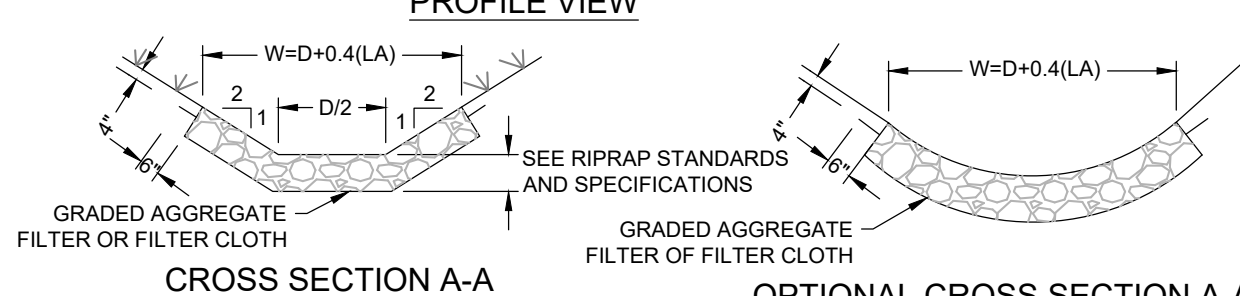
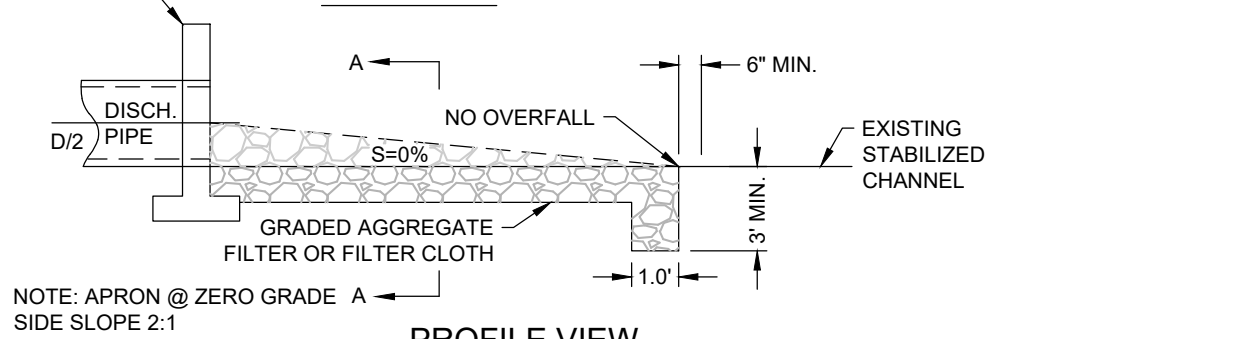
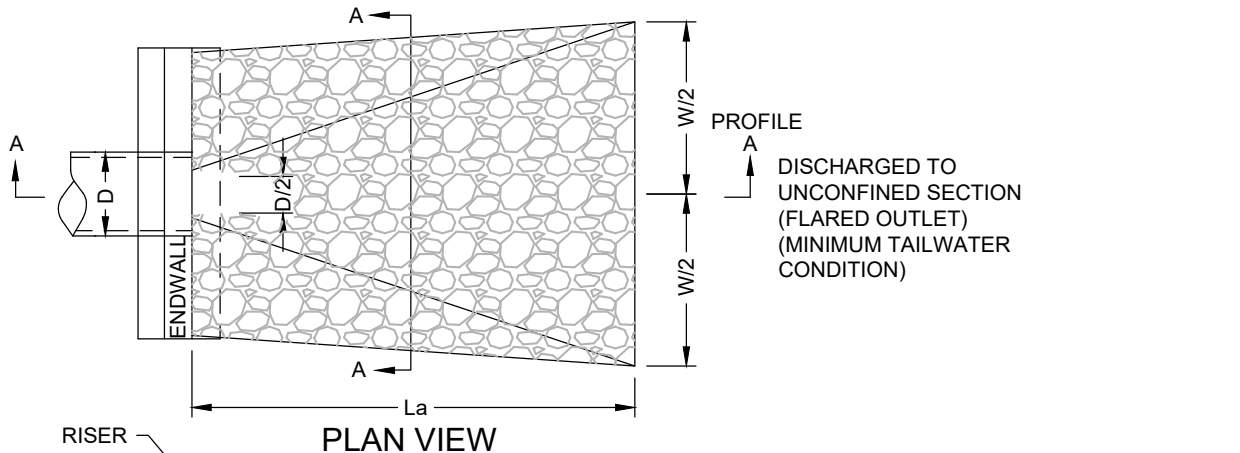


PROFILE ALONG C/L OF SPILLWAY

EMERGENCY SPILLWAY PLAN VIEW

CROSS SECTION AT CONTROL SECTION

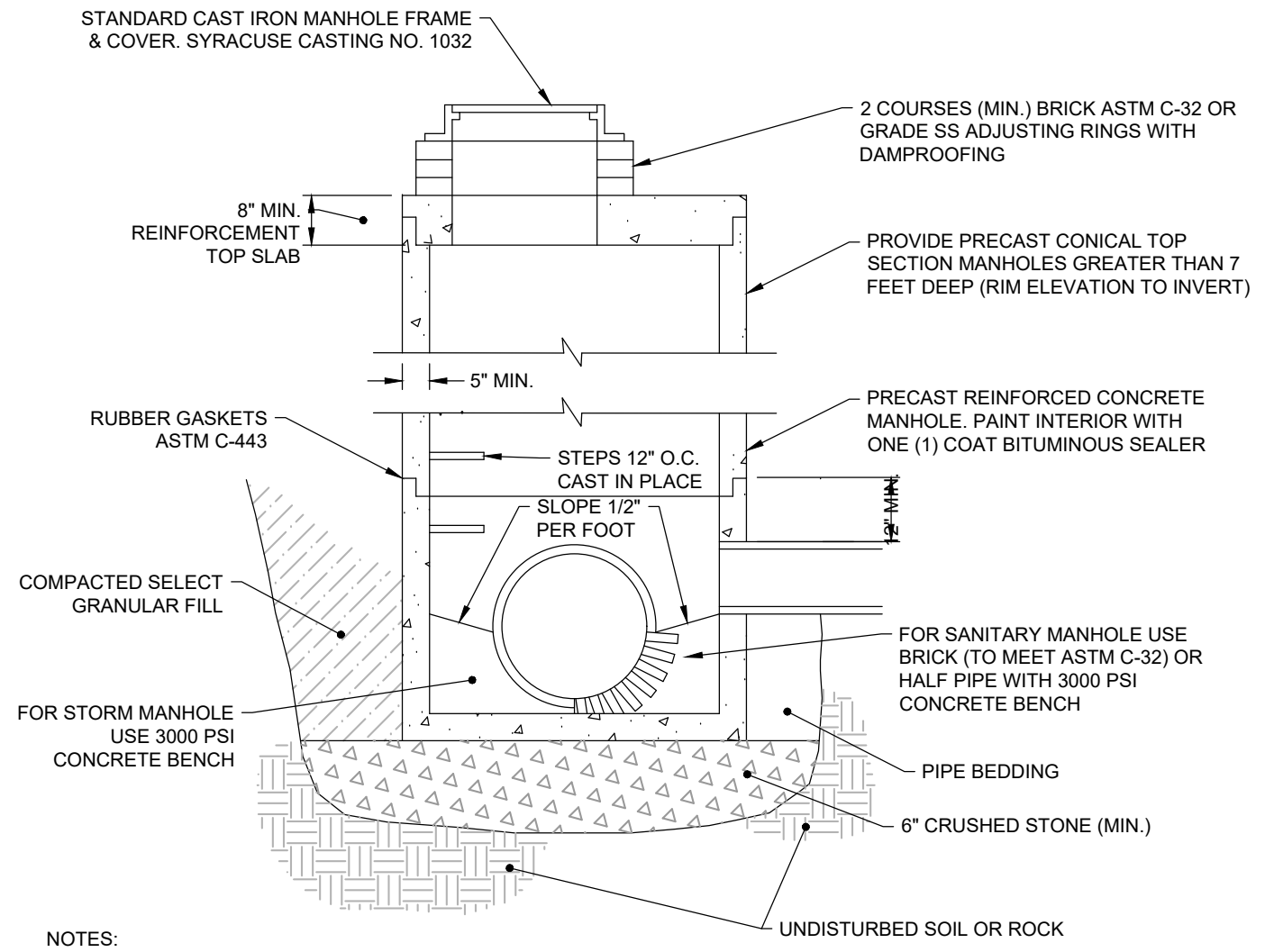
SEDIMENT BASIN DETAILS
NOT TO SCALE



CROSS SECTION A-A **OPTIONAL CROSS SECTION A-A**

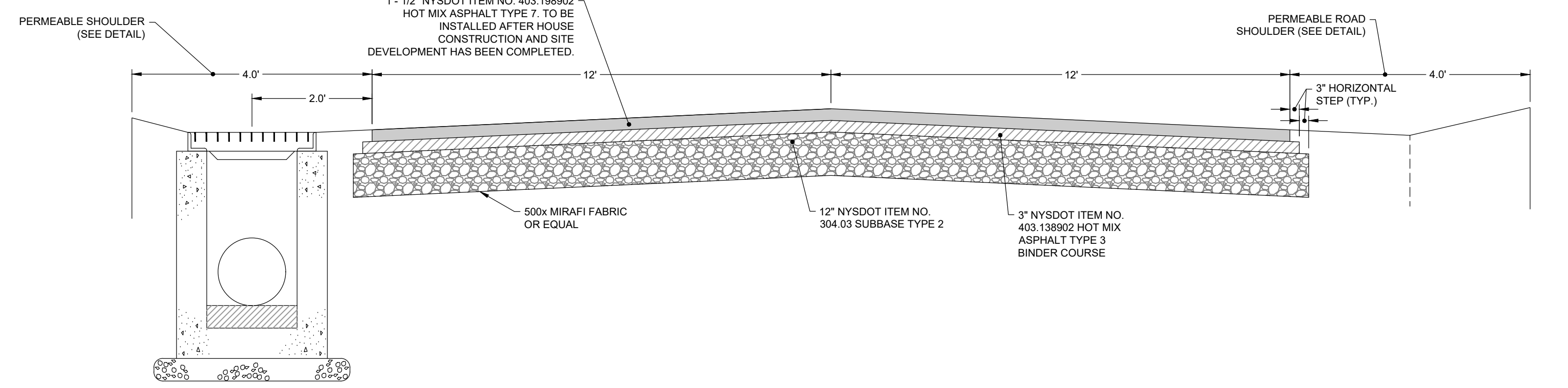
- CONSTRUCTION SPECIFICATIONS**
1. THE SUBGRADE FOR THE RIPRAP OUTLET, SHALL BE PREPARED TO THE REQUIRED LINES AND GRADES. ANY FILL REQUIRED IN THE SUBGRADE SHALL BE COMPACTED TO A DENSITY OF APPROXIMATELY THAT OF THE SURROUNDING UNDISTURBED MATERIAL.
 2. THE ROCK OR GRAVEL SHALL CONFORM TO THE SPECIFIED GRADING LIMITS RESPECTIVELY IN THE RIPRAP OR FILTER.
 3. FILTER CLOTH SHALL BE PROTECTED FROM PUNCHING, CUTTING, OR TEARING. ANY DAMAGE OTHER THAN AN OCCASIONAL SMALL HOLE SHALL BE REPAIRED BY PLACING ANOTHER PIECE OF CLOTH OVER THE DAMAGED PART OR BY COMPLETELY REPLACING THE CLOTH. ALL OVERLAPS, WHETHER FOR REPAIRS OR FOR JOINING TWO PIECES OF CLOTH SHALL BE A MINIMUM OF ONE FOOT.
 4. ROCK FOR THE RIPRAP OUTLETS MAY BE PLACED BY EQUIPMENT. BOTH SHALL EACH BE CONSTRUCTED TO THE FULL COURSE THICKNESS IN ONE OPERATION AND IN SUCH A MANNER AS TO AVOID DISPLACEMENT OF UNDERLYING MATERIALS. THE ROCK FOR RIPRAP OUTLETS SHALL BE DELIVERED AND PLACED IN A MANNER THAT WILL ENSURE THAT IT IS REASONABLY HOMOGENOUS WITH THE SMALLER ROCKS AND SPALLS FILLING THE VOIDS BETWEEN THE LARGER ROCKS. RIPRAP SHALL BE PLACED IN A MANNER TO PREVENT DAMAGE TO THE FILTER BLANKET OR CLOTH. HAND PLACEMENT WILL BE REQUIRED TO THE EXTENT NECESSARY TO PREVENT DAMAGE TO THE PERMANENT WORKS.
 5. RIPRAP SHALL BE COMPOSED OF A WELL-GRADED MIXTURE OF ROCK SIZE SO THAT 50 PERCENT OF THE PIECES, BY WEIGHT, SHALL BE LARGER THAN THE D50 SIZE. THE DIAMETER OF THE LARGEST ROCK SIZE SHALL BE 1.5 TIMES THE D50 SIZE.
 6. THE MINIMUM THICKNESS OF THE RIPRAP LAYER SHALL BE 1.5 TIMES THE MAXIMUM ROCK DIAMETER FOR D50 OF 15 INCHES OR LESS; AND 1.2 TIMES THE ROCK SIZE FOR D50 GREATER THAN 15 INCHES.

RIPRAP OUTLET PROTECTION
NOT TO SCALE

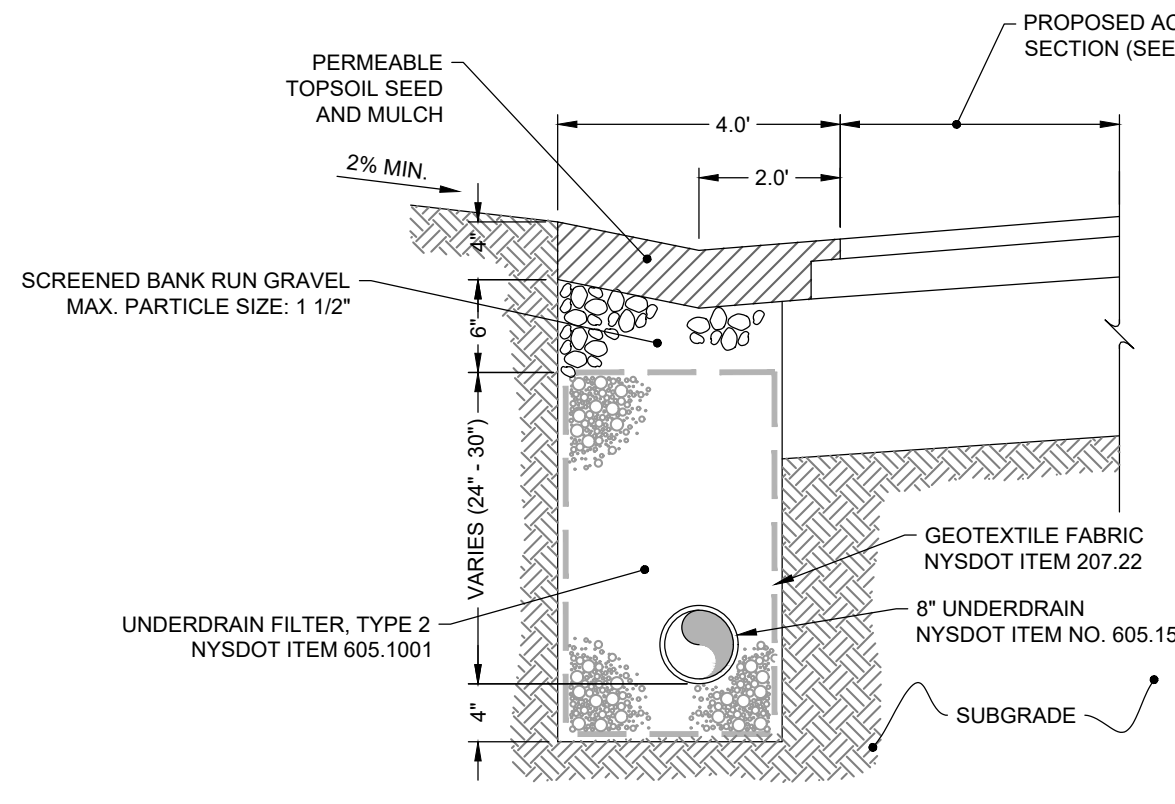


- NOTES:**
1. STATE DOT ITEM NO.'S FOR ALL MANHOLES INSTALLED WITHIN THE NEW YORK STATE DEPARTMENT OF TRANSPORTATION RIGHT-OF-WAY SHALL BE AS FOLLOWS:
4" DIA. - (ITEM 604.4048) WALL THICKNESS 5" MIN.
5" DIA. - (ITEM 604.4060) WALL THICKNESS 6" MIN.
6" DIA. - (ITEM 604.4072) WALL THICKNESS 7" MIN.
8" DIA. - (ITEM 604.4096) WALL THICKNESS 9" MIN.
 2. ALL BENCHWORK (WITHIN STORM AND SANITARY MANHOLES SHALL BE PAINTED WITH ONE (1) COAT OF BITUMINOUS SEALER.

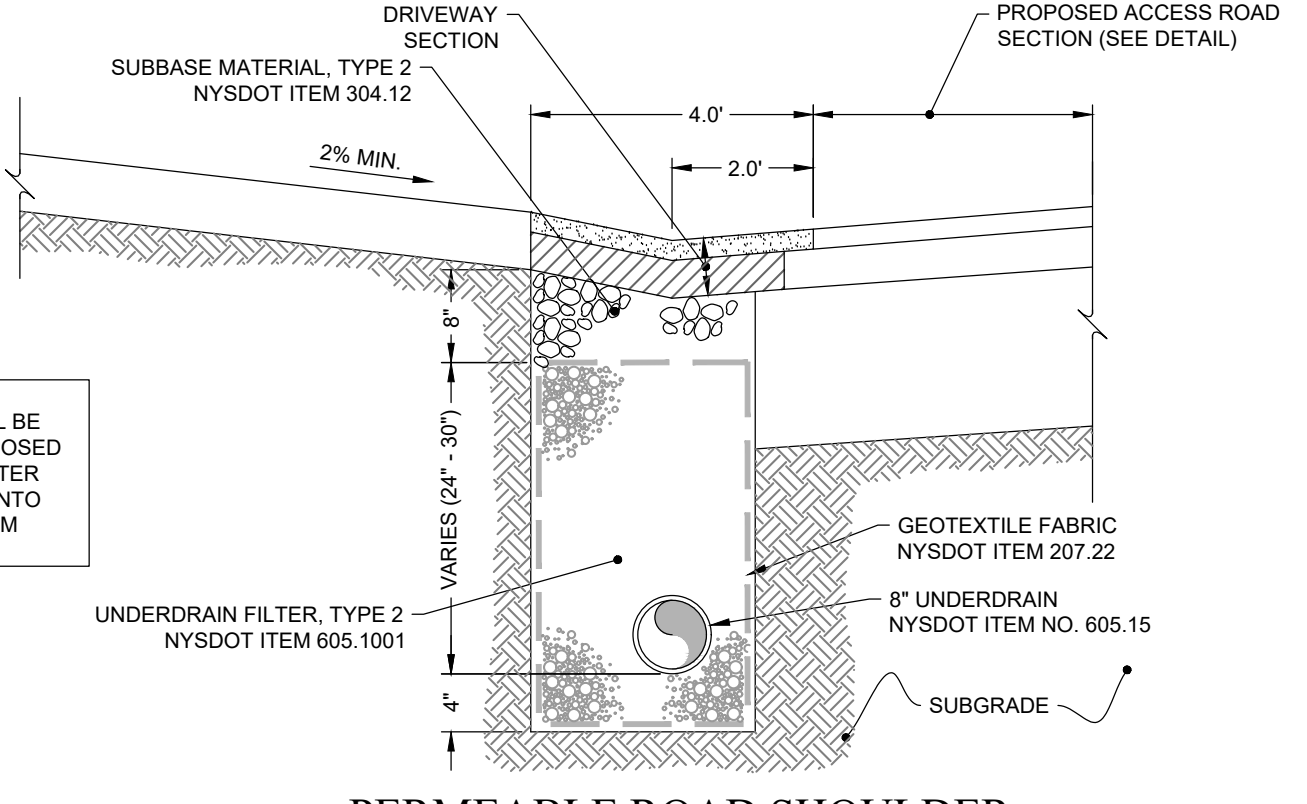
STANDARD MANHOLE DETAIL
NOT TO SCALE



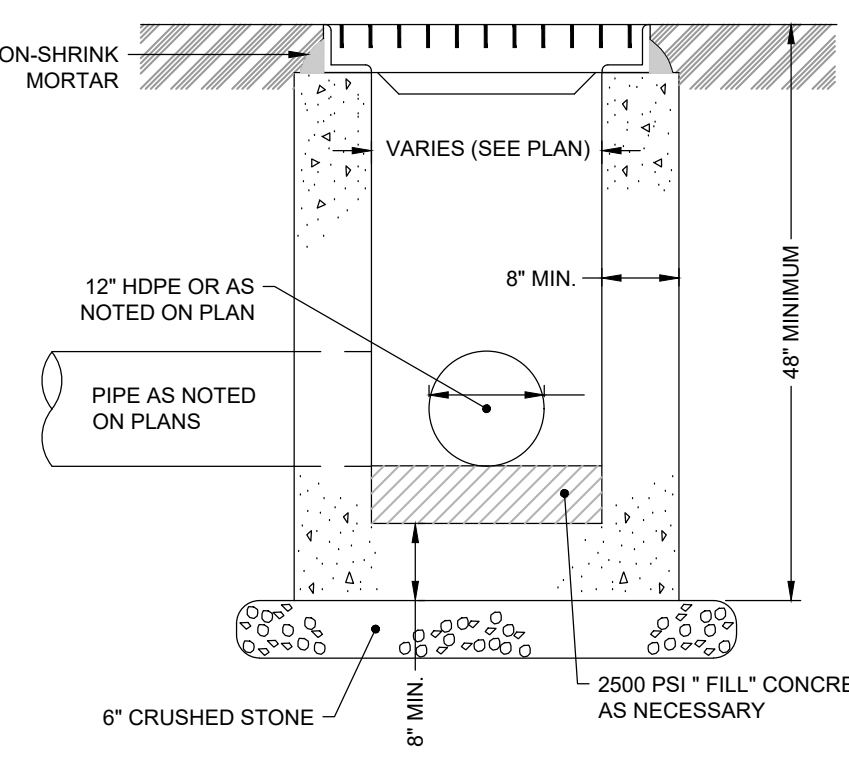
TYPICAL ROAD CROSS-SECTION
NOT TO SCALE



PERMEABLE ROAD SHOULDER
NOT TO SCALE



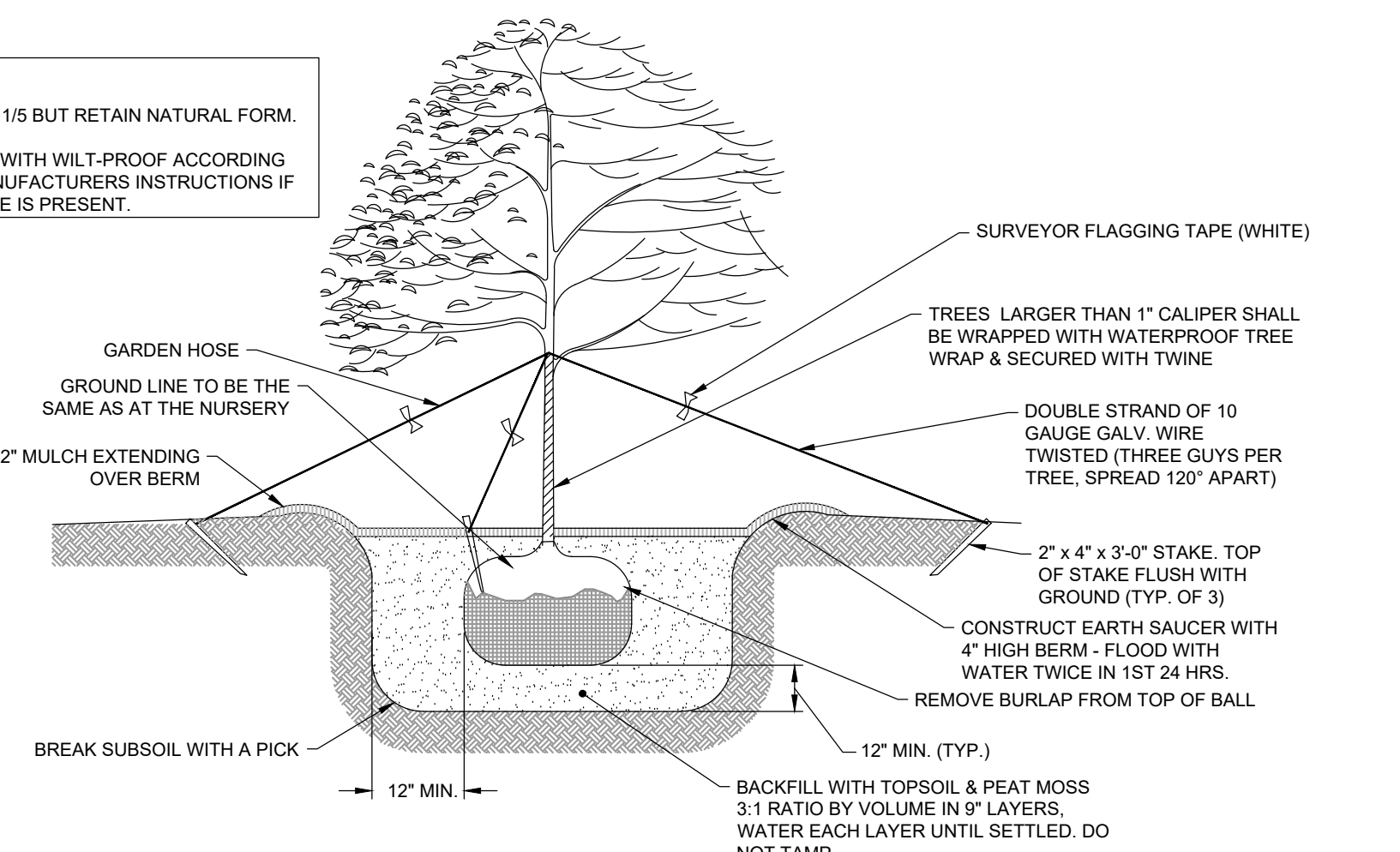
PERMEABLE ROAD SHOULDER @ DRIVEWAY ENTRANCES
NOT TO SCALE



- NOTES:**
1. STORMWATER INLETS SHALL BE REINFORCED CONCRETE DESIGN TO RESIST H2O LOADINGS. COAT INTERIOR AND EXTERIOR WITH ONE (1) COAT BITUMINOUS BLACK SOLUTION. PROVIDE 8" MINIMUM WALL THICKNESS.
 2. FRAME AND GRATE SHALL BE 4 FLANGE FRAME AND GRATE AS MANUFACTURED BY NEENAH.

PRE-CAST CONCRETE INLETS
NOT TO SCALE

- NOTES:**
1. PRUNE 1/5 BUT RETAIN NATURAL FORM.
 2. SPRAY WITH WILT-PROOF ACCORDING TO MANUFACTURERS INSTRUCTIONS IF FOLIAGE IS PRESENT.



TREE PLANTING DETAIL
NOT TO SCALE

| NO. | ISSUE/DESCRIPTION | BY | DATE |
|-----|--|-----|------------|
| 3 | PER TOWN COMMENTS DATED OCTOBER 29, 2020 | CJM | 11/09/2020 |
| 2 | PER TOWN COMMENTS | CJM | 08/04/2020 |
| 1 | PER TOWN COMMENTS | CJM | 07/08/2020 |

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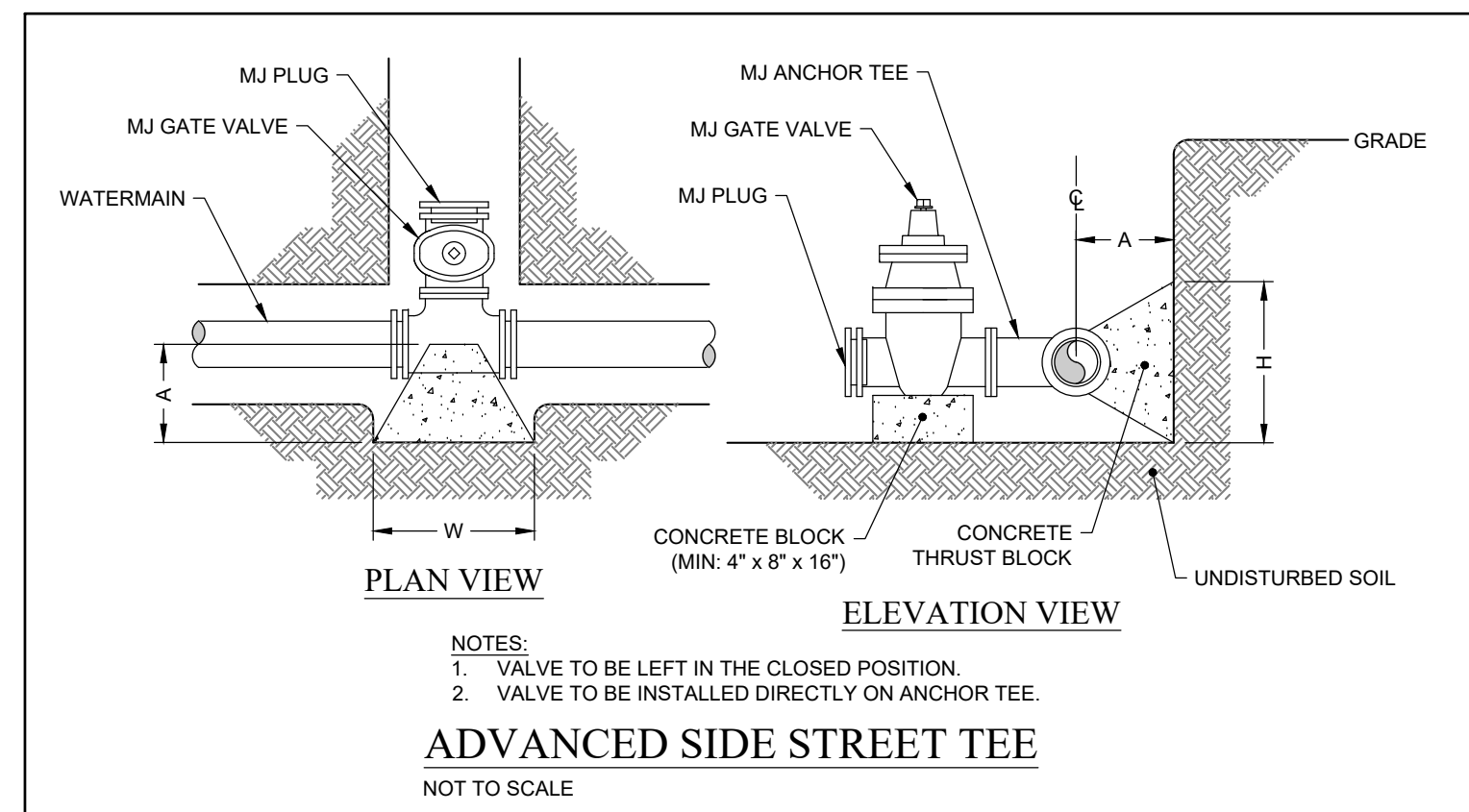
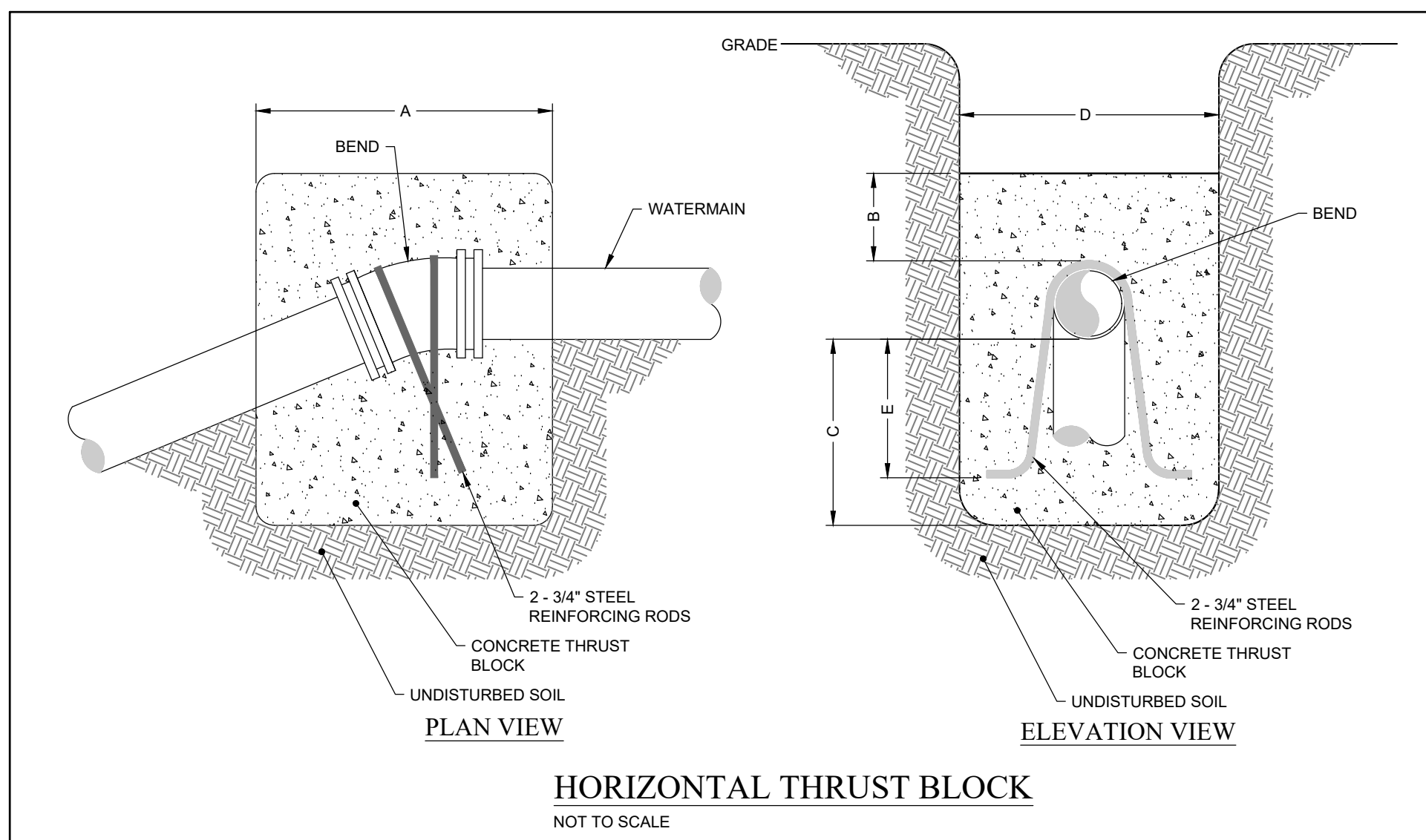
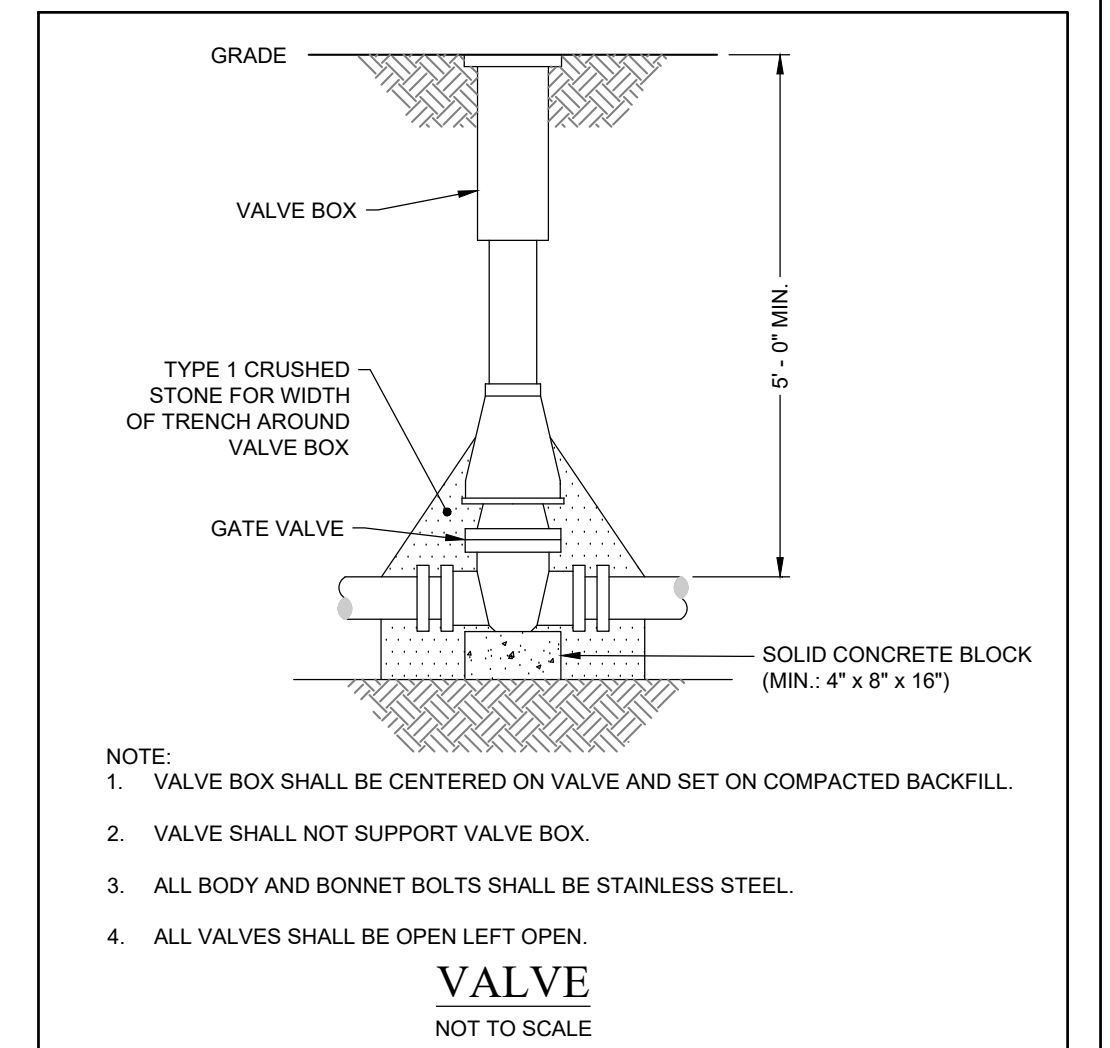
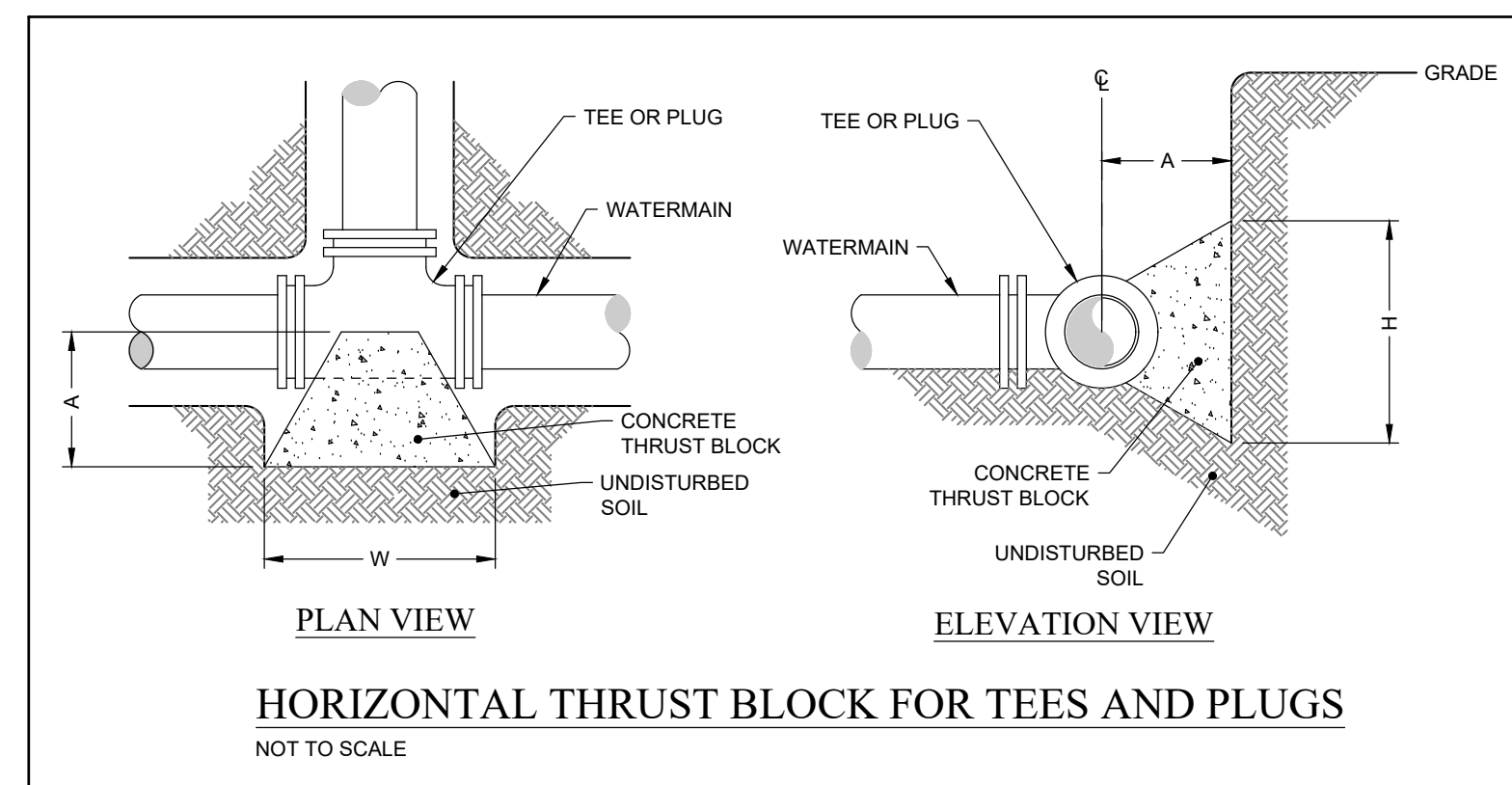
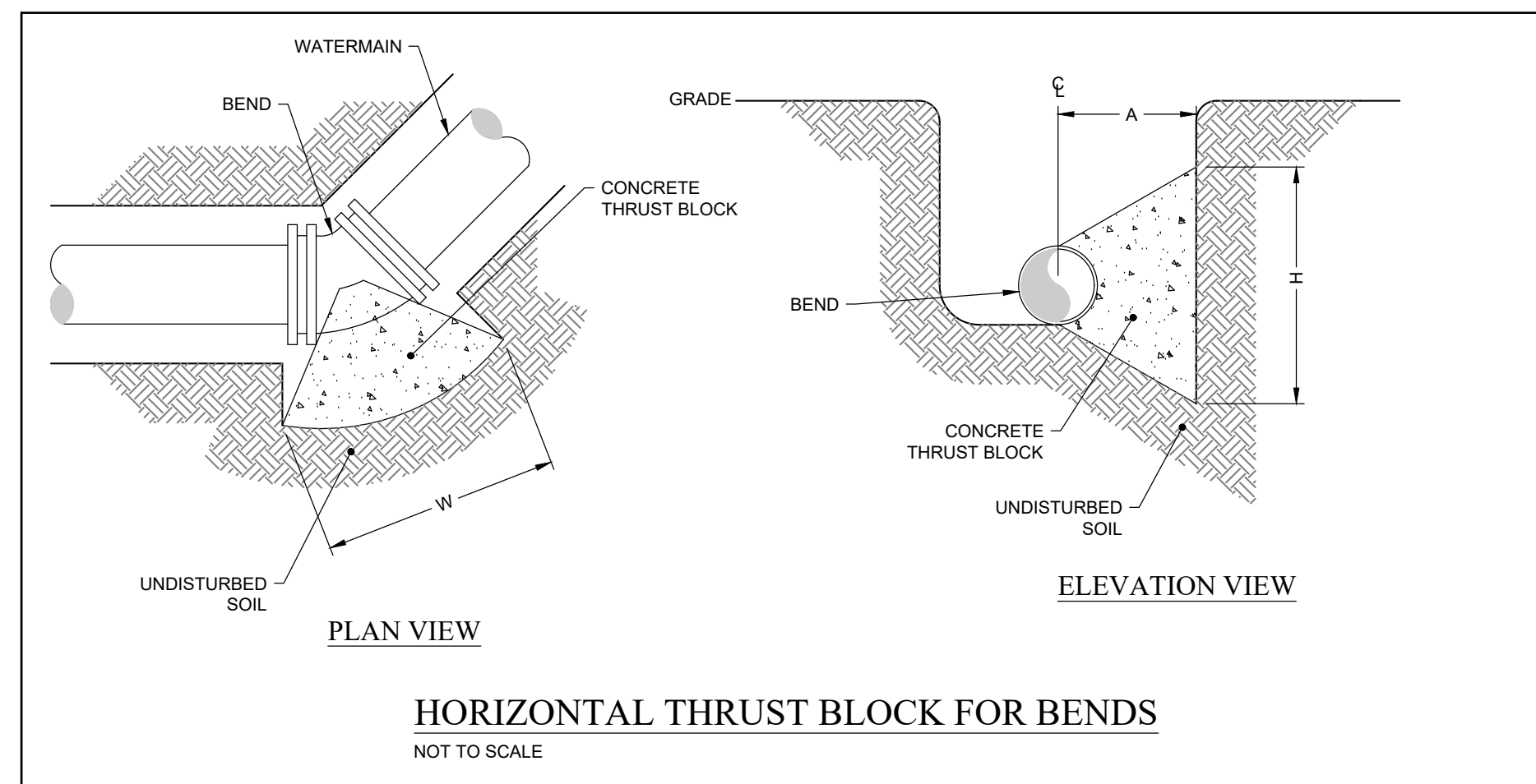
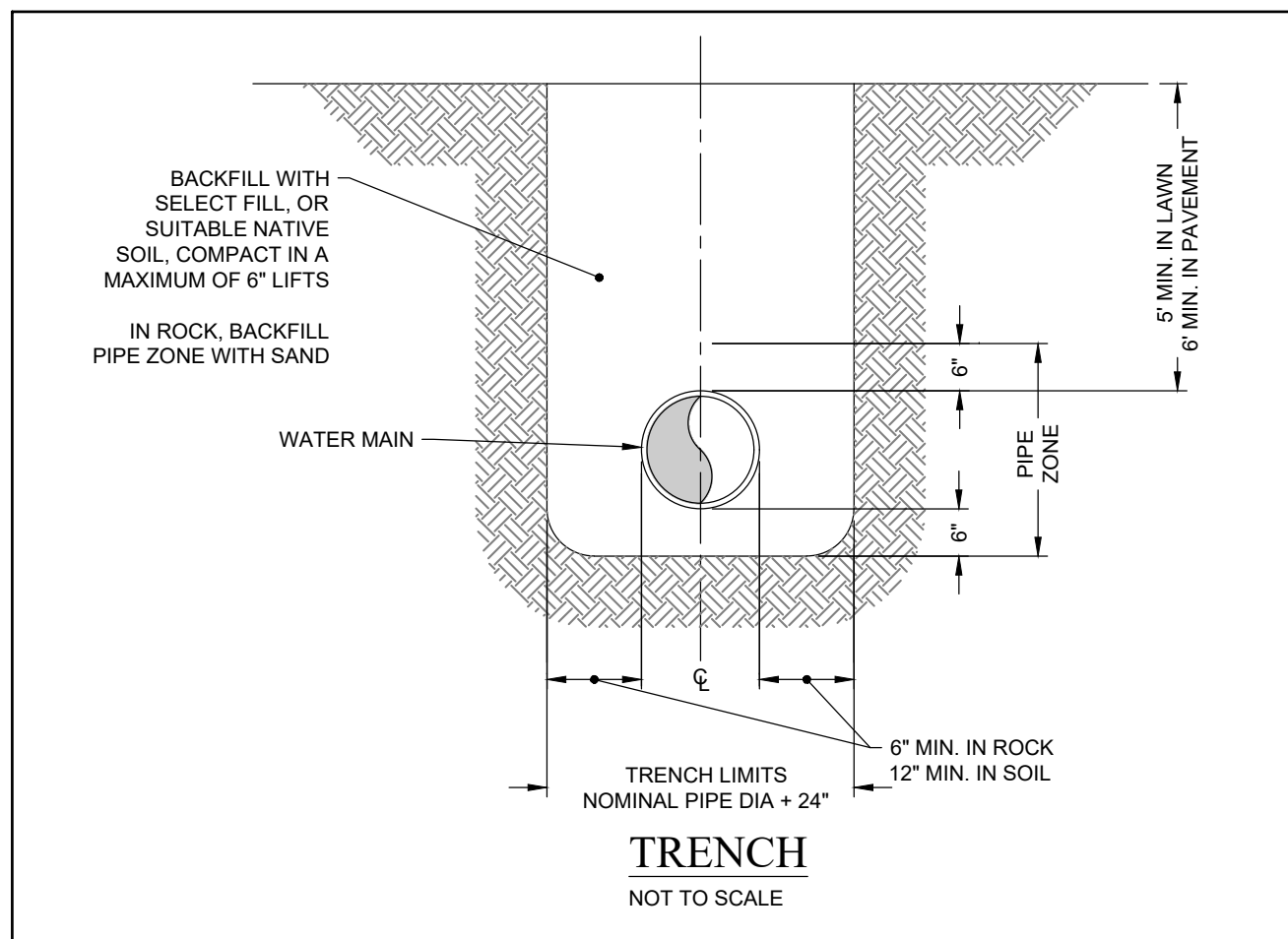
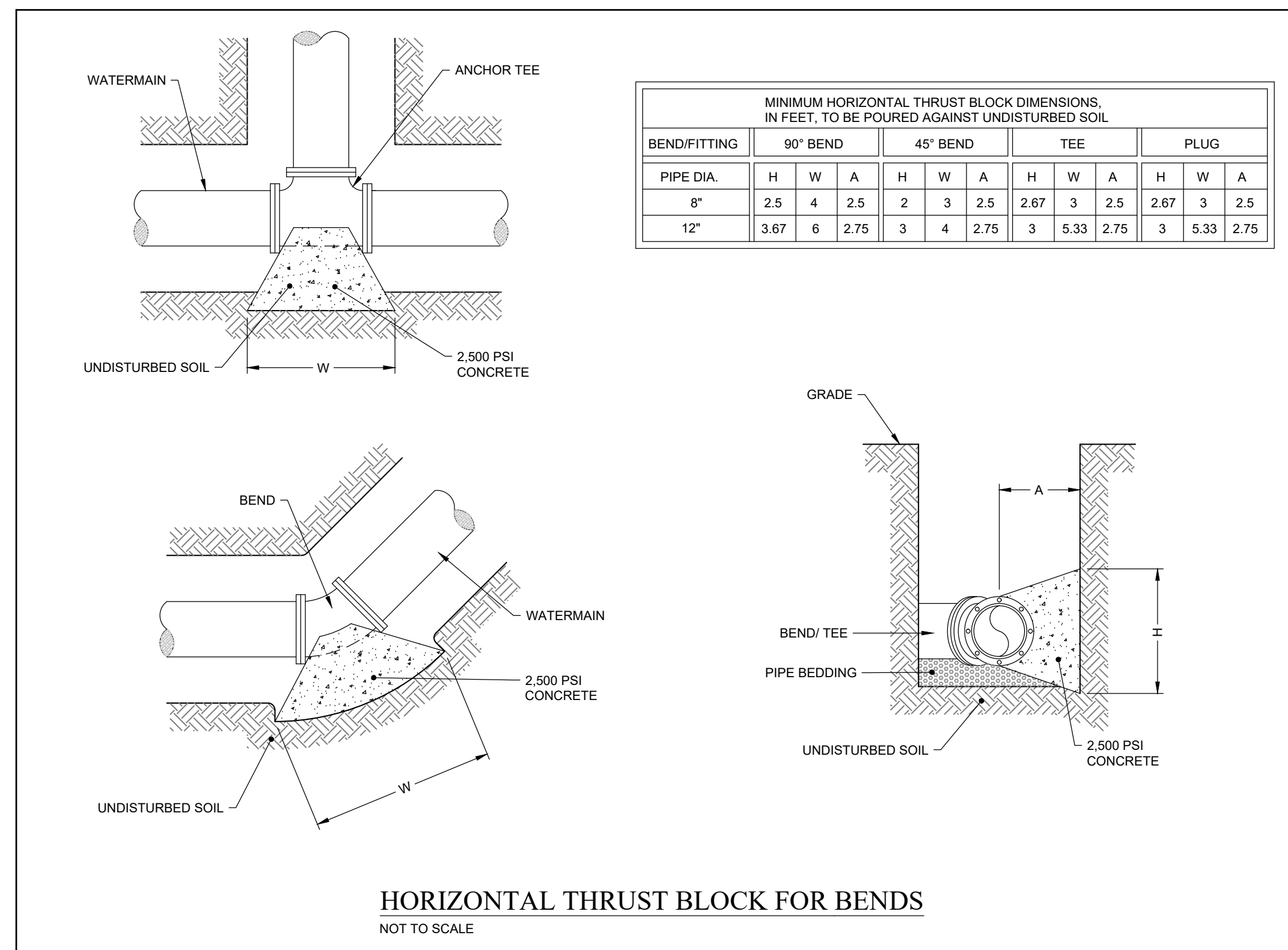
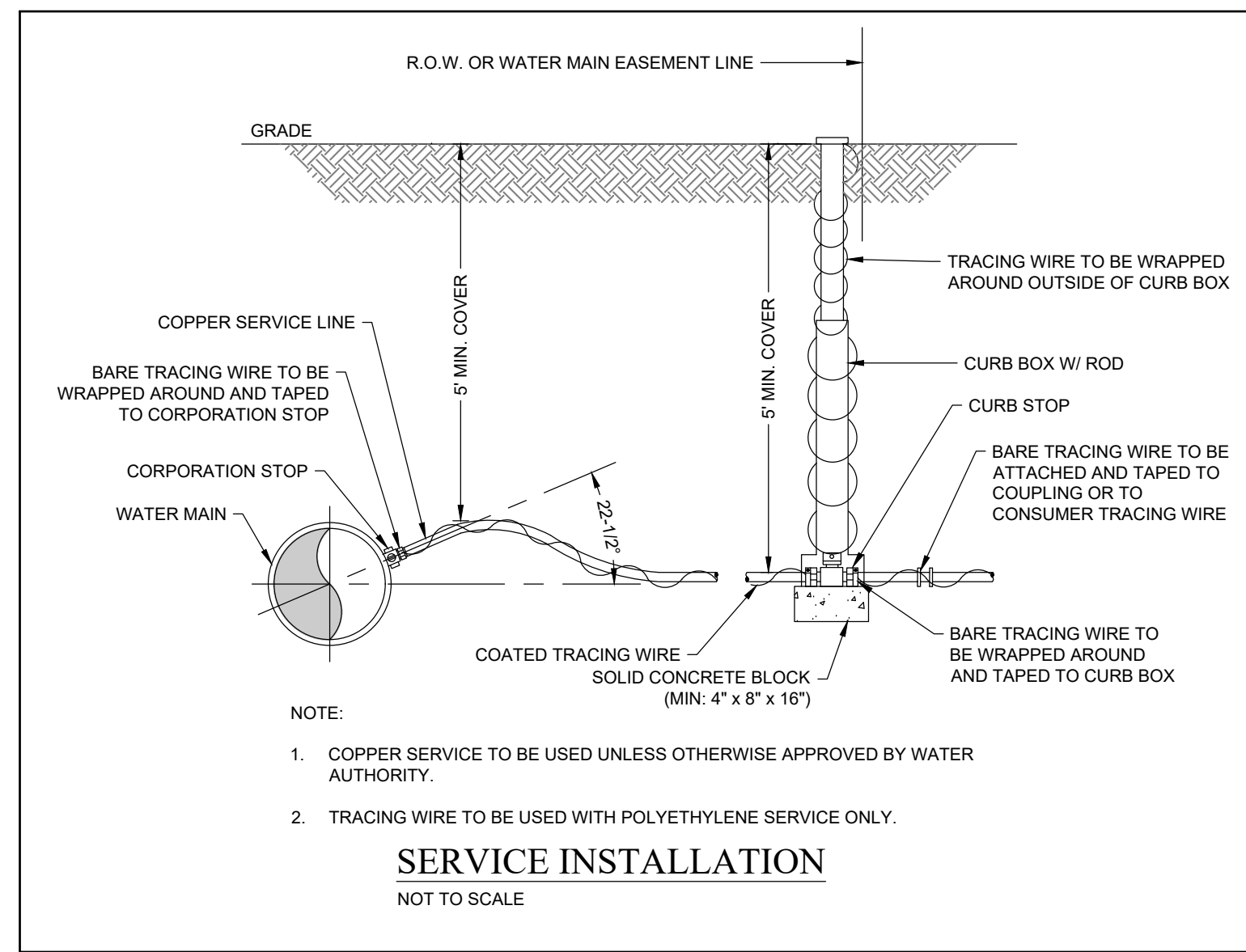
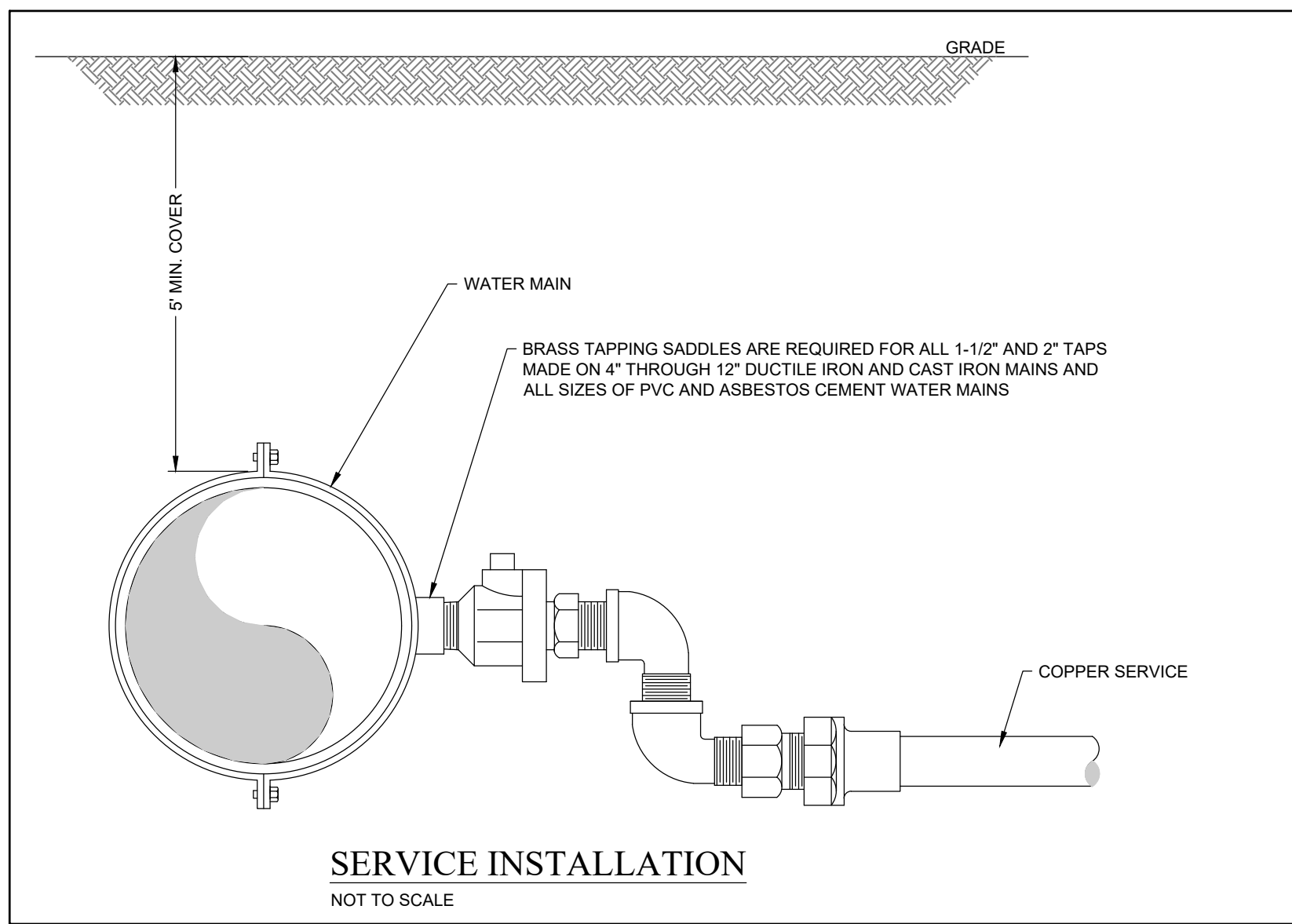
**COUNTY LINE ROAD SUBDIVISION
COUNTY LINE ROAD
TOWN OF SKANEATELES, STATE OF NY**

DETAILS

| | |
|---|--|
| PREPARED BY: GZA GZA GeoEnvironmental of NY Engineers and Scientists www.gza.com | PREPARED FOR: CHRIS GRAHAM 4331 JORDAN ROAD SKANEATELES, NEW YORK |
| PROJ MGR: E.K.R. DESIGNED BY: E.K.R. | REVIEWED BY: C.J.M. DRAWN BY: E.K.R. |
| DATE: JUNE 01, 2020 | CHECKED BY: SCALE: AS NOTED REVISION NO: 4 |

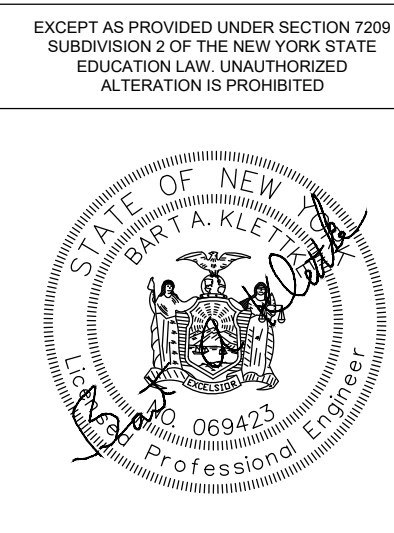
CC503
SHEET NO. 12 OF 14

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| NO. | ISSUE/DESCRIPTION | BY | DATE |
|-----|-------------------|-----|------------|
| 1 | PER TOWN COMMENTS | CJM | 07/08/2020 |

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COUNTY LINE ROAD SUBDIVISION
COUNTY LINE ROAD
TOWN OF SKANEATELES, STATE OF NY

WATER SERVICE DETAILS

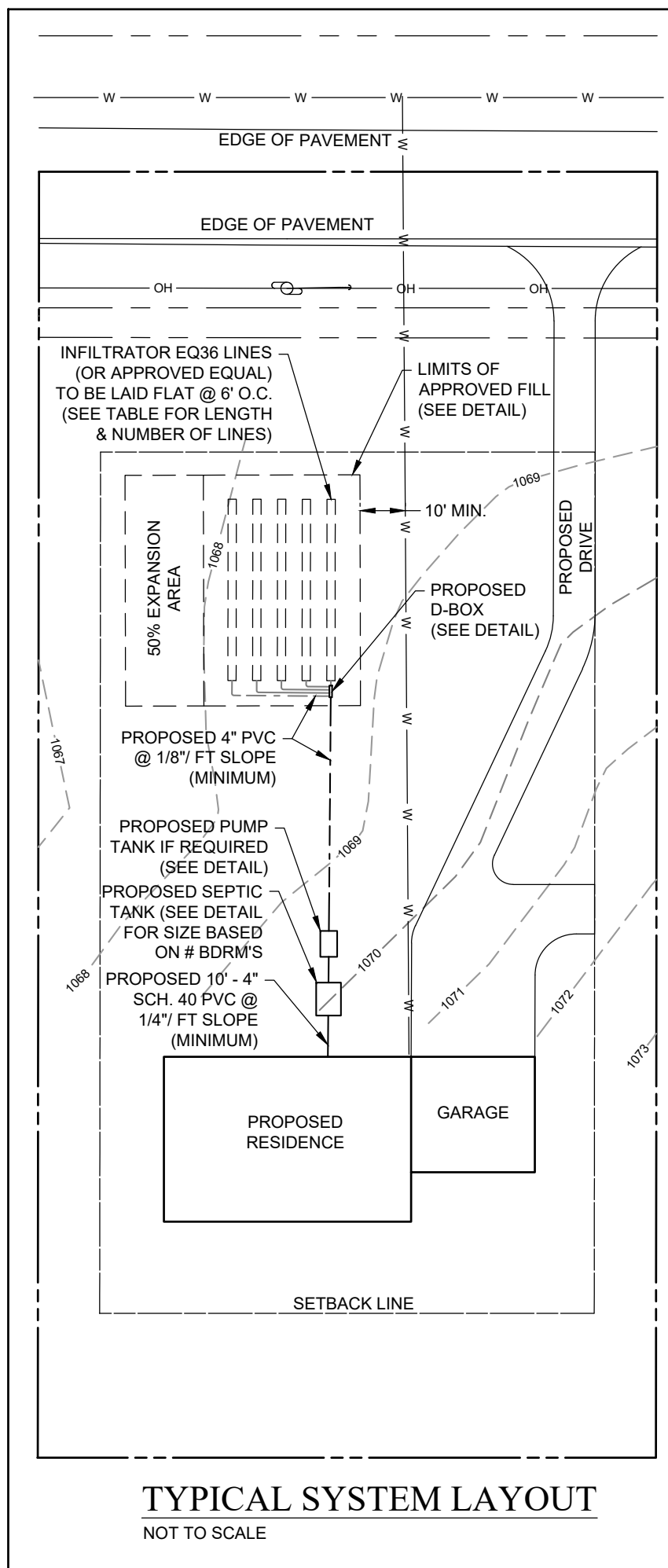
PREPARED BY: **GZA GeoEnvironmental of NY**
Engineers and Scientists
www.gza.com

PREPARED FOR: **CHRIS GRAHAM**
4331 JORDAN ROAD
SKANEATELES, NEW YORK

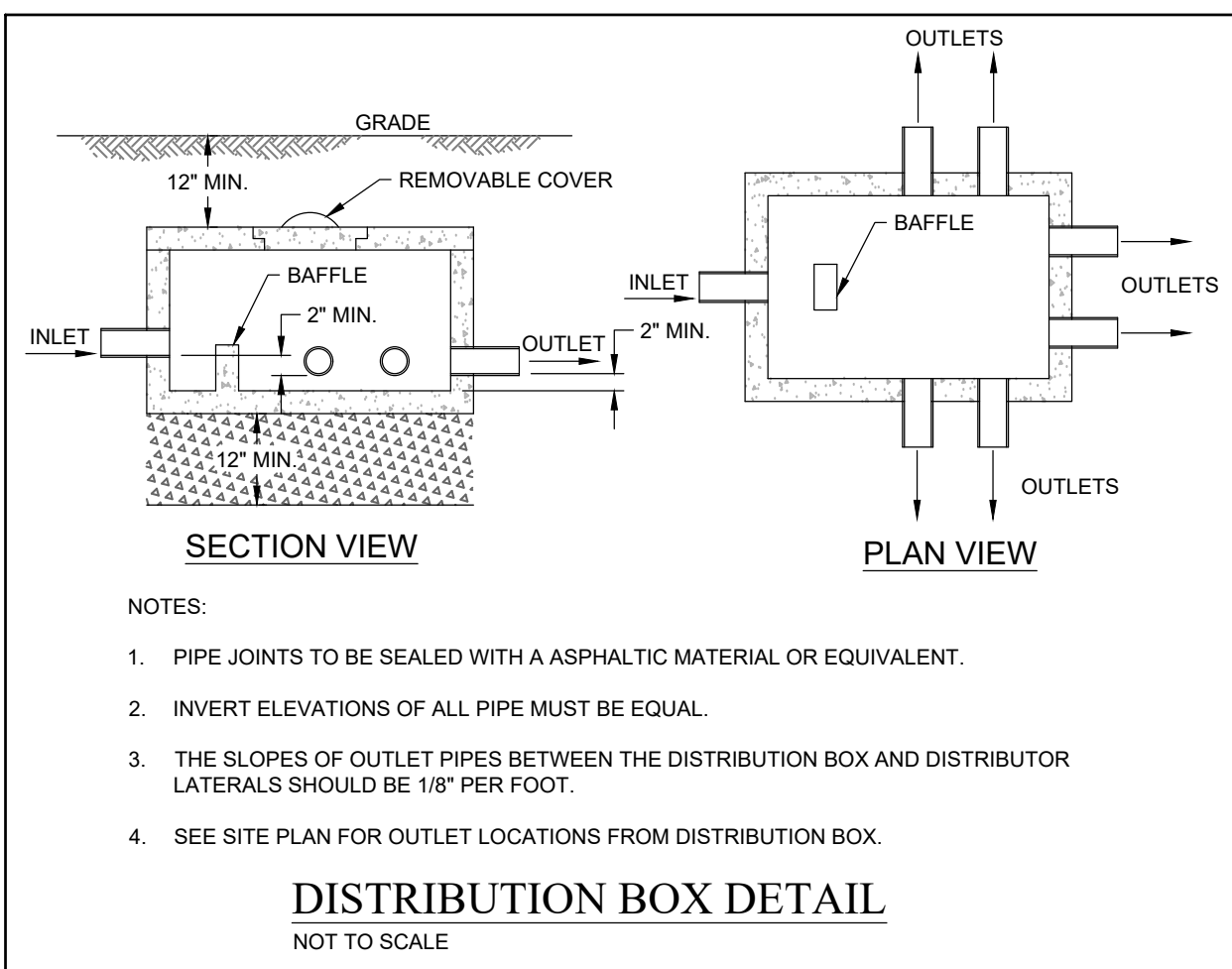
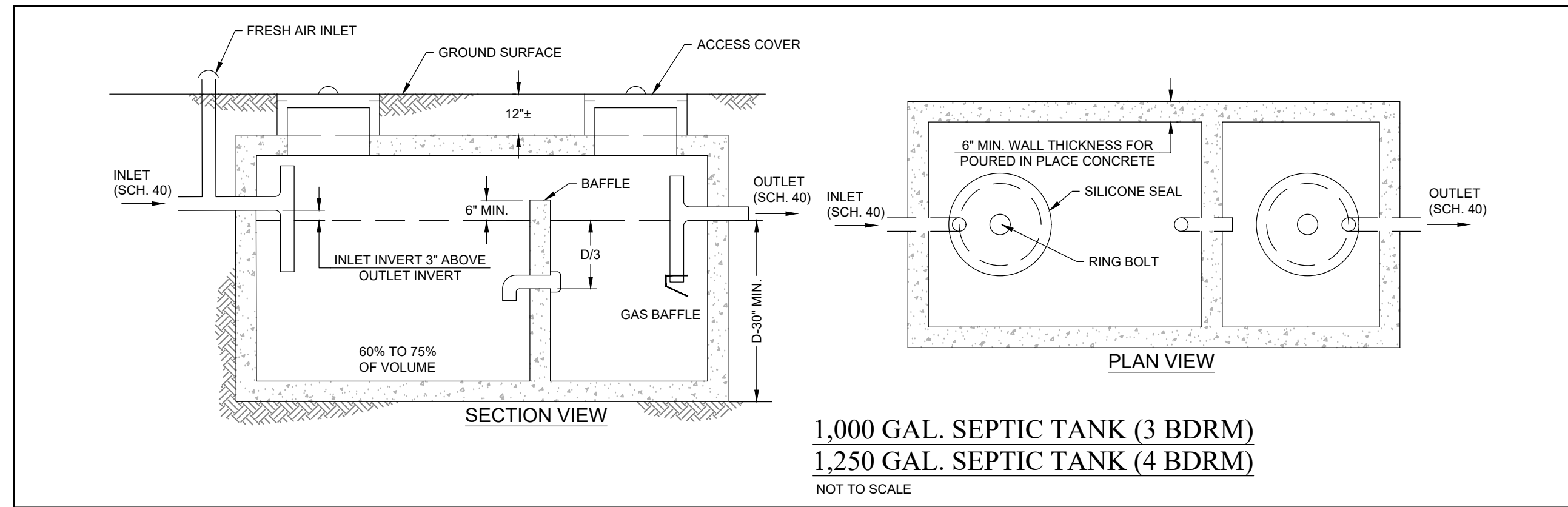
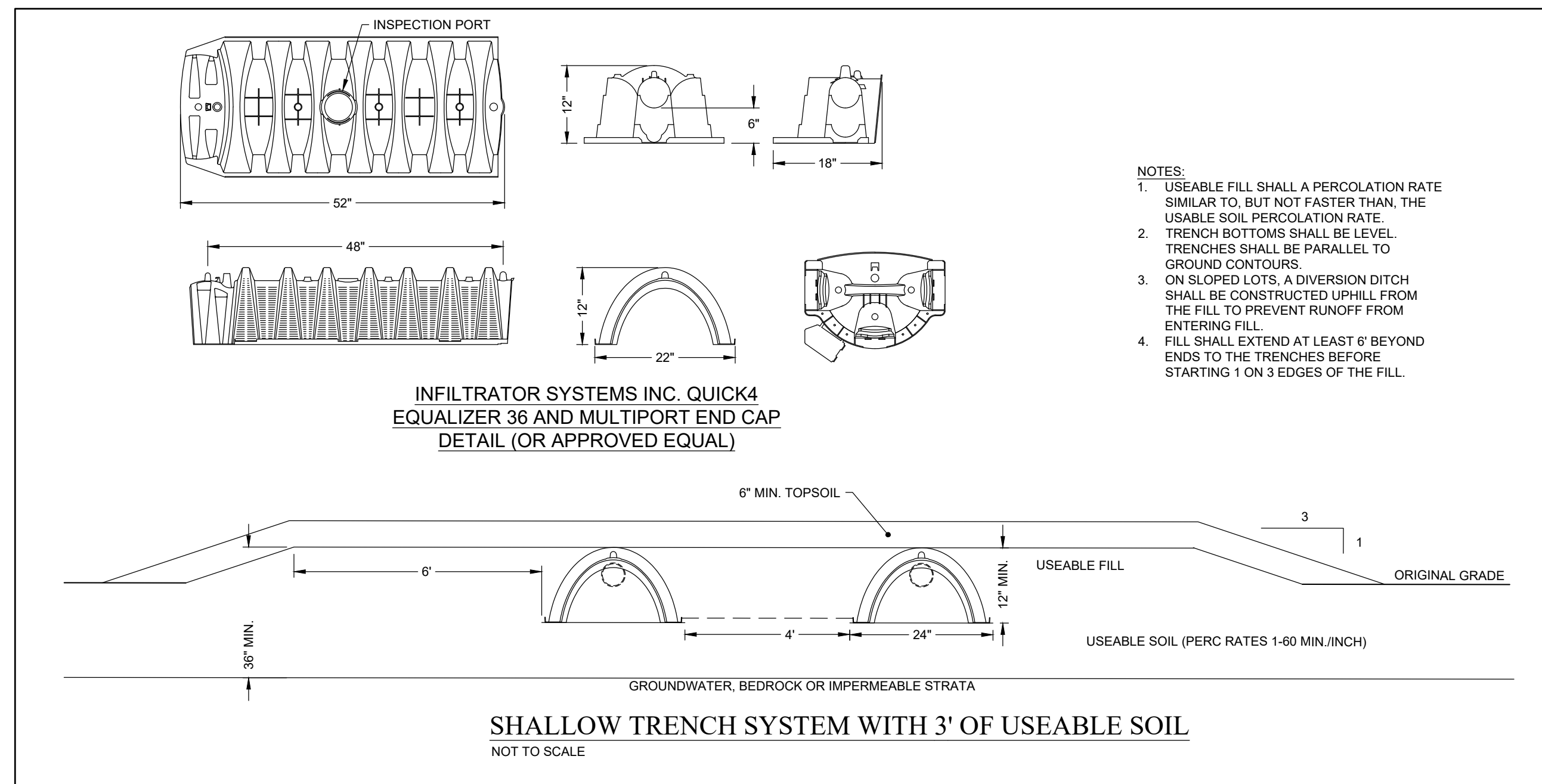
PROJ MGR: E.K.R. REVIEWED BY: C.J.M. CHECKED BY: DWG
DESIGNED BY: E.K.R. DRAWN BY: E.K.R. SCALE: AS NOTED
DATE: JUNE 01, 2020 PROJECT NO. 31.0180302.00 REVISION NO. 4

CC504
SHEET NO. 13 OF 14

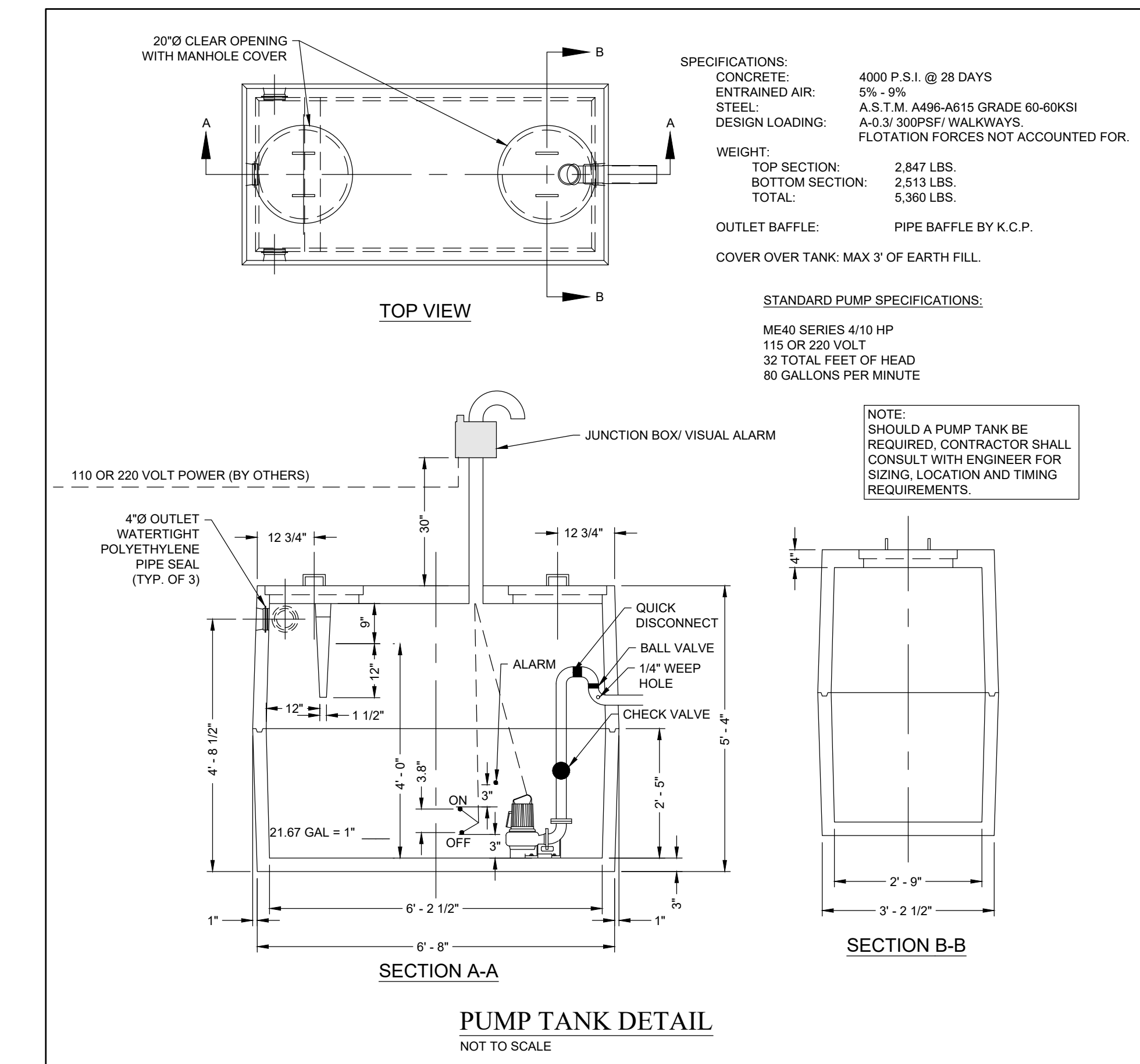
© 2020 - GZA GeoEnvironmental, Inc. GZA-J-31.0180302.00 COUNTY LINE ROAD SUBDIVISION SITE DEVELOPMENT PLANS 11-06-2020/DWG CC-505 NOVEMBER 24, 2020 12:17PM COREY MCWILLIAMS



| 3 BEDROOM EQ36 | 4 BEDROOM EQ36 | TYPE |
|----------------------|----------------------|----------------|
| 207' - 4 LINES @ 52' | 275' - 5 LINES @ 56' | SHALLOW TRENCH |



- NOTES:
- PIPE JOINTS TO BE SEALED WITH AN ASPHALTIC MATERIAL OR EQUIVALENT.
 - INVERT ELEVATIONS OF ALL PIPE MUST BE EQUAL.
 - THE SLOPES OF OUTLET PIPES BETWEEN THE DISTRIBUTION BOX AND DISTRIBUTOR LATERALS SHOULD BE 1/8" PER FOOT.
 - SEE SITE PLAN FOR OUTLET LOCATIONS FROM DISTRIBUTION BOX.



SPECIFICATIONS:
 CONCRETE: 4000 P.S.I. @ 28 DAYS
 ENTRAINED AIR: 5% - 9%
 STEEL: A.S.T.M. A496-A615 GRADE 60-60KSI
 DESIGN LOADING: A-0.3/300PSF/ WALKWAYS.
 FLOTATION FORCES NOT ACCOUNTED FOR.

WEIGHT:
 TOP SECTION: 2,847 LBS.
 BOTTOM SECTION: 2,513 LBS.
 TOTAL: 5,360 LBS.

OUTLET BAFFLE: PIPE BAFFLE BY K.C.P.

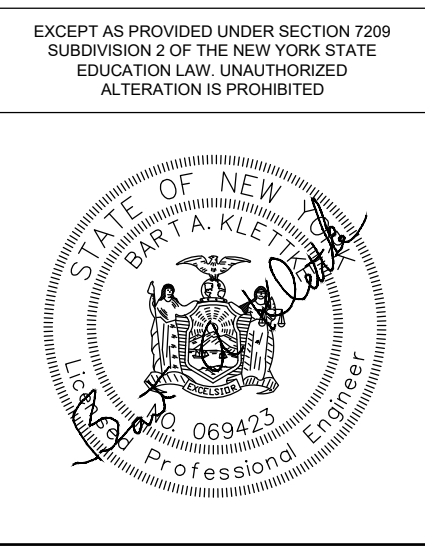
COVER OVER TANK: MAX 3' OF EARTH FILL.

STANDARD PUMP SPECIFICATIONS:
 ME40 SERIES 4/10 HP
 115 OR 220 VOLT
 32 TOTAL FEET OF HEAD
 80 GALLONS PER MINUTE

NOTE:
 SHOULD A PUMP TANK BE REQUIRED, CONTRACTOR SHALL CONSULT WITH ENGINEER FOR SIZING, LOCATION AND TIMING REQUIREMENTS.

| NO. | ISSUE/DESCRIPTION | BY | DATE |
|-----|-------------------|-----|------------|
| 1 | PER TOWN COMMENTS | CJM | 07/08/2020 |

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COUNTY LINE ROAD SUBDIVISION
COUNTY LINE ROAD
TOWN OF SKANEATELES, STATE OF NY

SEPTIC DETAILS

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| PREPARED BY: GZA GeoEnvironmental of NY Engineers and Scientists www.gza.com | PREPARED FOR: CHRIS GRAHAM 4331 JORDAN ROAD SKANEATELES, NEW YORK |
| PROJ MGR: E.K.R. REVIEWED BY: C.J.M. DESIGNED BY: E.K.R. DRAWN BY: E.K.R. | CHECKED BY: SCALE: AS NOTED |
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