



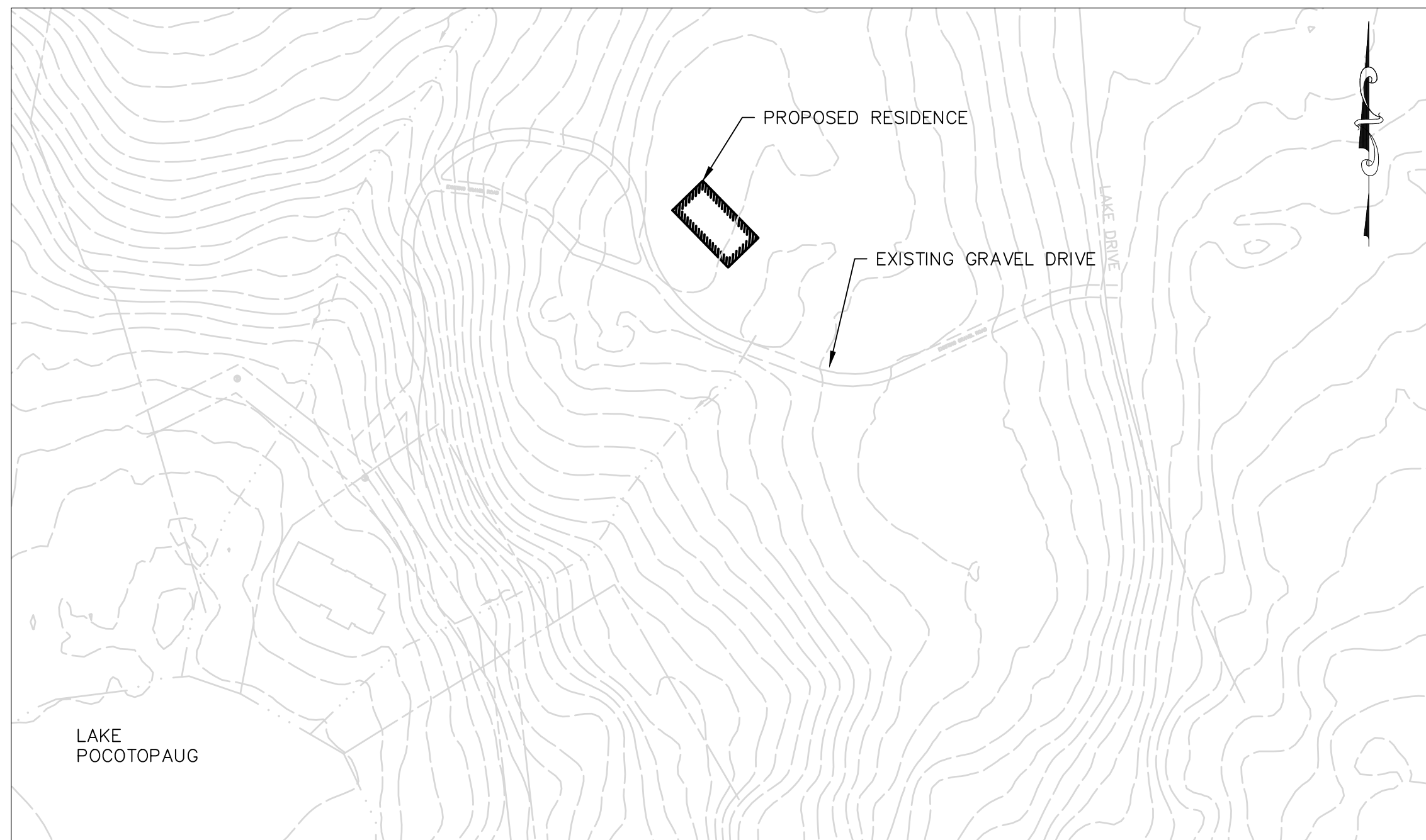
LOCATION MAP APPROX. SCALE 1"= 1500'

# MINOR FAMILY RESIDENCE

## LAKE DRIVE, EAST HAMPTON, CT

### PROJECT NUMBER 22190

### MAY 2023



KEY MAP APPROX. SCALE 1"=100'

PREPARED FOR  
TUCKER MINOR  
198 LAKE DRIVE  
EAST HAMPTON, CT 06424

PREPARED BY  
**zuvic**  
INFRASTRUCTURE SOLUTIONS

40 Cold Spring Road, Suite 1, Rocky Hill, CT 06067  
■ (860) 436-4901 ■ WWW.ZUVIC.COM

| LIST OF DRAWINGS |                                      |
|------------------|--------------------------------------|
| --               | COVER SHEET                          |
| GN-1             | GENERAL NOTES AND LEGEND             |
| ES-1             | EROSION & SEDIMENTATION CONTROL PLAN |
| SP-1             | SITE PLAN                            |
| CD-1             | CIVIL DETAILS                        |
| CD-2             | CIVIL DETAILS                        |

| ZONING TABLE            |             |               |                       |
|-------------------------|-------------|---------------|-----------------------|
|                         |             | PROVIDED      | REQUIRED              |
| ZONING REQUIREMENTS     |             |               | R-1 ZONE (WITH SEWER) |
| PERMITTED USES          | RESIDENTIAL |               | PERMITTED             |
| SET BACKS               | FRONT YARD  | 280'          | 25'                   |
|                         | SIDE YARD   | 257'          | 15'                   |
|                         | REAR YARD   | 265'          | 25'                   |
| MAXIMUM LOT COVERAGE    |             | 0.4%          | 20%                   |
| MAXIMUM BUILDING HEIGHT |             | 26 FT         | 30 FT                 |
| IMPERVIOUS AREA         |             | PROPOSED - 4% | EXISTING - 2%         |

**RECIEVED**  
**5.26.2023**  
East Hampton  
Land Use Dept.

## GENERAL NOTES

- ALL CONSTRUCTION ACTIVITIES SHALL BE COMPLETED AS INDICATED IN THE CONTRACT DOCUMENTS AND SHALL COMPLY WITH ALL APPLICABLE BUILDING CODES, AND THE REQUIREMENTS OF THE TOWN OF EAST HAMPTON.
- THE CONTRACTOR SHALL NOTIFY ALL LOCAL UTILITY COMPANIES PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL ARRANGE FOR AND COORDINATE WITH THE RESPECTIVE UTILITY COMPANIES FOR SERVICE INSTALLATIONS AND CONNECTIONS.
- THE STATE OF CONNECTICUT, DEPARTMENT OF TRANSPORTATION, STANDARD SPECIFICATIONS FOR ROADS, BRIDGES AND INCIDENTAL CONSTRUCTION, FORM 818 WITH SUPPLEMENTAL SPECIFICATIONS DATED JULY 2022 SHALL BE MADE PART OF THE CONTRACT AS MODIFIED BY THE PLANS AND NOTES CONTAINED HEREIN.
- THE CONTRACTOR SHALL MAINTAIN ONE SET OF CONTRACT DOCUMENTS ON THE PREMISES IN GOOD CONDITION AT ALL TIMES. THE SET SHALL INCLUDE ALL ADDENDA AND CHANGE ORDERS.
- THE CONTRACTOR SHALL VERIFY ALL SITE CONDITIONS IN THE FIELD AND CONTACT THE OWNER IF THERE ARE ANY QUESTIONS OR CONFLICTS REGARDING THE CONTRACT DOCUMENTS AND/OR FIELD CONDITIONS SO THAT APPROPRIATE REVISIONS CAN BE MADE PRIOR TO BIDDING. ANY CONFLICT BETWEEN THE DRAWINGS AND THE SPECIFICATIONS SHALL BE CONFIRMED WITH THE OWNER PRIOR TO BIDDING.
- STATED DIMENSIONS TAKE PRECEDENCE OVER GRAPHICS. DO NOT SCALE DRAWINGS TO DETERMINE LOCATION AND/OR DIMENSIONS.
- ALTERNATIVE METHODS AND PRODUCTS OTHER THAN THOSE SPECIFIED MAY BE USED IF REVIEWED AND APPROVED BY THE OWNER AND THE APPROPRIATE REGULATORY AGENCIES IF APPLICABLE PRIOR TO INSTALLATION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL UTILITIES, STRUCTURES AND OTHER SITE FEATURES NOT BEING REMOVED AND/OR ALTERED DURING CONSTRUCTION. THE CONTRACTOR SHALL BEAR THE EXPENSE OF REPAIR OR REPLACEMENT OF UTILITIES OR OTHER PROPERTY DAMAGED BY OPERATIONS IN CONJUNCTION WITH EXECUTION OF THE WORK.
- THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OF ALL REQUIRED SUBMITTALS TO THE OWNER FOR REVIEW AND APPROVAL PRIOR TO FABRICATION OR DELIVERY TO THE SITE. ALLOW A MINIMUM OF 15 WORKING DAYS FOR REVIEW.
- THE CONTRACTOR SHALL PROVIDE AS-BUILT RECORDS OF ALL CONSTRUCTION (INCLUDING UTILITIES) TO THE OWNER AT THE END OF CONSTRUCTION.
- INFORMATION ON EXISTING UTILITIES HAS BEEN COMPILED FROM AVAILABLE INFORMATION INCLUDING UTILITY COMPANY AND MUNICIPAL RECORD MAPS AND FIELD SURVEY AND IS NOT GUARANTEED CORRECT OR COMPLETE. THE LOCATIONS ARE APPROXIMATED. ALL UTILITIES MAY NOT BE SHOWN. PRIOR TO ANY EXCAVATION, THE CONTRACTOR SHALL NOTIFY "CALL BEFORE YOU DIG" AT 1-800-922-4455.
- THE CONTRACTOR SHALL FIELD VERIFY ALL CONDITIONS AND DIMENSIONS PRIOR TO ANY WORK AND SHALL BE RESPONSIBLE FOR ALL WORK AND MATERIALS INCLUDING THOSE FURNISHED BY THE SUBCONTRACTORS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETE SECURITY OF THE CONSTRUCTION AREA UNTIL THE PROJECT IS COMPLETED AND ACCEPTED BY THE OWNER.
- SHOULD ANY UNCHARTED OR INCORRECTLY CHARTED EXISTING PIPE OR OTHER UTILITY BE UNCOVERED DURING EXCAVATION, CONSULT THE RESPECTIVE UTILITY COMPANY IMMEDIATELY FOR DIRECTIONS BEFORE PROCEEDING FURTHER WITH THE WORK IN THIS AREA.
- DO NOT INTERRUPT EXISTING UTILITIES SERVICING ADJACENT PROPERTIES EXCEPT WHEN SUCH INTERRUPTIONS HAVE BEEN AUTHORIZED IN WRITING BY THE OWNER AND THE TOWN.
- OSHA REGULATIONS MAKE IT UNLAWFUL TO OPERATE CRANES, BOOMS, HOISTS, ETC. WITHIN TEN (10) FEET OF ANY ELECTRIC LINE UNDER 50 KV. IF CONTRACTOR MUST OPERATE EQUIPMENT CLOSE TO ELECTRIC LINES, CONTACT POWER COMPANY TO MAKE ARRANGEMENTS FOR PROPER SAFEGUARDS.
- NO DEMOLITION OR CONSTRUCTION ACTIVITIES SHALL BEGIN UNTIL APPROVAL OF THE FINAL PLANS IS GRANTED BY ALL LOCAL AND STATE GOVERNING AND REGULATORY AGENCIES.
- ALL DEBRIS SHALL BE PROMPTLY REMOVED FROM THE PREMISES AND SHALL BE PROPERLY DISPOSED OF OFF-SITE IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS. ALL AREAS SHALL BE KEPT IN A NEAT AND ORDERLY MANNER AT ALL TIMES.
- CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO ENSURE THE SAFETY OF THE OCCUPANTS AND WORKERS AT ALL TIMES.
- ALL EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO THE START OF CONSTRUCTION.
- PROPER CONSTRUCTION PROCEDURES SHALL BE FOLLOWED ON ALL IMPROVEMENTS WITHIN THIS PARCEL SO AS TO PREVENT THE SILTING OF ANY WATERCOURSE OR WETLAND IN ACCORDANCE WITH THE REGULATIONS OF THE DEPARTMENT OF ENVIRONMENTAL PROTECTION GUIDELINES FOR SOIL EROSION AND SEDIMENT POLLUTION CONTROL. IN ADDITION, THE CONTRACTOR SHALL STRICTLY ADHERE TO THE "EROSION CONTROL PLAN" CONTAINED HEREIN.
- ALL PIPES SHALL BE LAID ON STRAIGHT ALIGNMENTS AND EVEN GRADES USING A PIPE LASER OR OTHER ACCURATE METHODS.
- THE CONTRACTOR SHALL COMPACT THE PIPE BACKFILL IN LIFTS ACCORDING TO THE PIPE BEDDING DETAILS. THE TRENCH BOTTOM SHALL BE STABLE IN HIGH GROUNDWATER AREAS.
- THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL PERMITS PRIOR TO THE START OF CONSTRUCTION.
- EXISTING TREES AND VEGETATION ARE NOT SHOWN ON THESE PLANS. CONTRACTOR SHALL FAMILIARIZE THEMSELVES W/ EXISTING CONDITIONS AND INDICATE TO OWNER ANY VEGETATION THAT MAY IMPACT OPERATIONS PRIOR TO MOBILIZING TO THE SITE.

## ABBREVIATIONS

(NOT ALL ABBREVIATIONS MAY BE USED)

|         |                              |       |                             |
|---------|------------------------------|-------|-----------------------------|
| APPROX. | APPROXIMATE                  | IPIN  | IRON PIN                    |
| BCLC    | BITUMINOUS CONCRETE LIP CURB | INV.  | INVERT                      |
| BOT.    | BOTTOM                       | LP    | LOW POINT                   |
| BIT.    | BITUMINOUS                   | LSA   | LANDSCAPED AREA             |
| CB      | CATCH BASIN                  | MB    | MAILBOX                     |
| C-CB    | CURBED CATCH BASIN           | MDPE  | MEDIUM DENSITY POLYETHYLENE |
| CL-CB   | CURBLESS CATCH BASIN         | MH    | MANHOLE                     |
| C.I.P.  | CAST IRON PIPE               | MON   | MONUMENT                    |
| C.L.F.  | CHAIN LINK FENCE             | NTS   | NOT TO SCALE                |
| C.O.    | CLEAN OUT                    | O.C.  | ON CENTER                   |
| CONC.   | CONCRETE                     | O.D.  | OUTSIDE DIAMETER            |
| COMM.   | COMMUNICATIONS               | OE    | OVERHEAD ELECTRIC           |
| D.I.    | DUCTILE IRON                 | PE    | POLYETHYLENE                |
| D.I.P.  | DUCTILE IRON PIPE            | PL    | PLATE                       |
| DMH     | DRAINAGE MANHOLE             | PVMT  | PAVEMENT                    |
| ELEC.   | ELECTRICAL                   | PVC   | POLYVINYL CHLORIDE          |
| EL.     | ELEVATION                    | R     | RADIUS                      |
| EMH     | ELECTRICAL MANHOLE           | RCP   | REINFORCED CONCRETE PIPE    |
| EOP     | EDGE OF PAVEMENT             | S     | SANITARY                    |
| EX.     | EXISTING                     | SAN   | SANITARY                    |
| F.F.    | FINISHED FLOOR               | SMH   | SANITARY MANHOLE            |
| FFE     | FINISHED FLOOR ELEVATION     | SSWR  | SANITARY SEWER              |
| F.L.    | FLOW LINE                    | STM   | STORM                       |
| G       | GAS                          | SW    | SANITARY MANHOLE            |
| GM      | GAS METER                    | TEMP. | TEMPORARY                   |
| GRAN    | GRANITE                      | TEL.  | TELEPHONE                   |
| GTD     | GRADE TO DRAIN               | T.F.  | TOP OF FRAME                |
| GV      | GAS VALVE                    | T.P.  | TOP OF PIPE                 |
| HH      | HANDHOLE                     | TYP.  | TYPICAL                     |
| HDPPE   | HIGH DENSITY POLYETHYLENE    | UKWN  | UNKNOWN                     |
| HP      | HIGH POINT                   | W     | VERIFY IN FIELD             |
| HYD     | HYDRANT                      | WMH   | WATER MANHOLE               |
| I.D.    | INSIDE DIAMETER              | WV    | WATER VALVE                 |
|         |                              | YD    | YARD DRAIN                  |

## LEGEND

(NOT ALL SYMBOLS MAY BE USED)

|  |  |  |                          |
|--|--|--|--------------------------|
|  | PROPERTY LINE                                    |  | CONTROL POINT            |
|  | EASEMENT LINE                                    |  | MONUMENT                 |
|  | CURB   |  | IRON PIPE                |
|  | EDGE OF PAVEMENT (EOP)                           |  | IRON PIN                 |
|  | STOCKADE FENCE                                   |  | TYPE 'C' CATCH BASIN     |
|  | CHAIN LINK FENCE                                 |  | TYPE 'CL' CATCH BASIN    |
|  | TREE/VEGETATION LINE                             |  | STORM DRAINAGE MANHOLE   |
|  | MAJOR CONTOUR                                    |  | SANITARY SEWER MANHOLE   |
|  | MINOR CONTOUR                                    |  | WATER MANHOLE            |
|  | SPOT ELEVATION                                   |  | GAS VALVE                |
|  | TOP/BOTTOM OF CURB EL.                           |  | WATER VALVE              |
|  | PIPES ≥ 12" (SIZE, MATERIAL, AND FLOW DIRECTION) |  | HYDRANT                  |
|  | GAS  |  | ELECTRICAL BOX           |
|  | STORM DRAINAGE                                   |  | HANDHOLE                 |
|  | UNDERGROUND ELECTRIC                             |  | UTILITY POLE W/ GUY WIRE |
|  | OVERHEAD ELECTRIC                                |  | LUMINAIRE                |
|  | SANITARY SEWER                                   |  | LUMINAIRE ON STANDARD    |
|  | TELECOMMUNICATIONS                               |  | SIGNS                    |
|  | WATER  |  | MONITORING WELL          |
|  | TEMPORARY SEDIMENTATION CONTROL                  |  | BOLLARD                  |
|  | FLUSH CONDITION                                  |  | TREES/SHRUBS             |
|  | POST   |  | TREES/SHRUBS             |

## NARRATIVE

THE SUBJECT SITE IS COMPRISED OF 15.2± ACRES OF LAND LOCATED NORTH OF LAKE POCOTPAUG IN EAST HAMPTON. SITE DEVELOPMENT WILL BE PERFORMED WHICH INCLUDES CONSTRUCTION OF A SINGLE FAMILY DWELLING, GRAVEL DRIVEWAY, PAVED PARKING AREAS AND DRAINAGE FEATURES ALONG WITH SITE GRADING TO SUPPORT CONSTRUCTION OF THESE ITEMS.

## CONSTRUCTION SCHEDULE

ANTICIPATED CONSTRUCTION START DATE IS SPRING 2023 AND ANTICIPATED COMPLETION DATE IS FALL 2023. ALL SOIL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL MAINTAIN ALL CONTROLS DURING CONSTRUCTION AND UNTIL THE SITE IS STABILIZED.

## RESPONSIBLE CONTACT

THE RESPONSIBLE CONTACT PERSON FOR ASSURING THAT ALL SOIL EROSION AND SEDIMENTATION CONTROL MEASURES ARE PROPERLY INSTALLED AND MAINTAINED WILL BE THE OWNER.

## GENERAL CONSTRUCTION SEQUENCE

- ALL SEDIMENTATION AND EROSION CONTROL MEASURES, INCLUDING BUT NOT LIMITED TO CONSTRUCTION ACCESS PAD, HAY BALES, AND SILT FENCE SHALL BE INSTALLED PRIOR TO THE START OF CONSTRUCTION.
- THE CONTRACTOR SHALL NOT PROCEED WITH CONSTRUCTION ACTIVITIES UNTIL THE ENGINEER HAS INSPECTED AND APPROVED THE INSTALLATION OF ALL SOIL EROSION AND SEDIMENT CONTROL MEASURES.
- PERFORM EARTHWORK IN EXPEDITIOUS MANNER, AND STABILIZE.
- ESTABLISH THE SUBGRADE FOR AREAS TO BE FILLED AND/OR SEEDED.
- CONSTRUCT BUILDING AND SEWER SERVICE CONNECTION.
- PLACE GRAVEL IN DRIVEWAY AREAS TO FINISHED GRADE AND COMPACT. INSTALL BITUMINOUS CONCRETE IN PAVED AREAS.
- PREPARE LANDSCAPE AREAS. PLACE 6" TOPSOIL. FERTILIZE, SEED AND MULCH WHERE SHOWN. INSTALL LANDSCAPE PLANTINGS.
- REMOVE ALL TEMPORARY EROSION CONTROL DEVICES ONLY AFTER ALL AREAS HAVE BEEN PAVED AND/OR GRASS HAS BEEN WELL ESTABLISHED AND THE SITE HAS BEEN INSPECTED AND APPROVED BY THE TOWN.
- CONTRACTOR SHALL BE PREPARED AT ALL TIMES TO SWEEP THE SURROUNDING ROADWAYS AS REQUIRED BY THE TOWN AND/OR THE OWNER'S REPRESENTATIVE

## EROSION AND SEDIMENT CONTROL PLAN

- HAYBALES, SILT FENCE, AND GRAVEL CHECK DAMS SHALL BE INSTALLED DOWNGRADE OF WORK AREA AS SHOWN OR AS REQUIRED BY THE ENGINEER.
- SOIL EROSION AND SEDIMENT CONTROLS SHALL BE MAINTAINED BY THE CONTRACTOR THROUGHOUT THE CONSTRUCTION PERIOD AND UNTIL ALL DISTURBED AREAS ARE THOROUGHLY STABILIZED.
- ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE 2002 CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL HANDBOOK.
- EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED PRIOR TO CONSTRUCTION WHENEVER POSSIBLE.
- ADDITIONAL CONTROL MEASURES SHALL BE INSTALLED DURING THE CONSTRUCTION PERIOD AS NECESSARY OR REQUIRED.
- SEDIMENT REMOVED FROM CONTROL STRUCTURES SHALL BE DISPOSED OF IN A MANNER WHICH IS CONSISTENT WITH THE INTENT OF THE PLAN.
- THE CONTRACTOR SHALL TAKE EXTREME CARE DURING CONSTRUCTION SO AS NOT TO DISTURB SEDIMENTATION AND EROSION CONTROL STRUCTURES.
- ALL DISTURBED AREAS SHALL BE STABILIZED AS SOON AS PRACTICAL.

## INSTALLATION OF SEDIMENTATION AND EROSION CONTROL MEASURES

### HAYBALES

- BALES SHALL BE ENTRENCHED AND BACKFILLED. A TRENCH SHALL BE EXCAVATED THE WIDTH OF A BALE AND THE LENGTH OF THE PROPOSED BARRIER TO A MINIMUM DEPTH OF FOUR INCHES. AFTER THE BALES ARE STAKED, THE EXCAVATED SOIL SHALL BE BACKFILLED AGAINST THE BARRIER.
- SIDES OF ADJACENT BALES SHALL TIGHTLY ABUT ONE ANOTHER.
- EACH BALE SHALL BE SECURELY ANCHORED BY AT LEAST TWO (2) STAKES.
- THE GAPS BETWEEN BALES SHALL BE WEDGED WITH STRAW TO PREVENT WATER LEAKAGE.

### SILT FENCE

- SILT FENCE SHALL BE INSTALLED AT LOCATIONS SHOWN ON THIS PLAN AND AS DIRECTED BY THE ENGINEER.
- DIG A SIX INCH TRENCH ON THE UPHILL SIDE OF THE DESIGNATED FENCE LINE LOCATION.
- POSITION THE POST AT THE BACK OF THE TRENCH (DOWNHILL SIDE), AND INSTALL THE POST AT LEAST 1.5 FEET INTO THE GROUND.
- LAY THE BOTTOM SIX INCHES OF THE FABRIC INTO THE TRENCH TO PREVENT UNDERMINING BY STORM WATER RUN-OFF.
- BACKFILL THE TRENCH AND COMPACT.

### GRAVEL CHECK DAM

- STONE (GRAVEL) CHECK DAMS SHALL BE INSTALLED AT LOCATIONS AS SHOWN ON PLANS AND AS DIRECTED BY ENGINEER. THESE CHECK DAMS ARE INTENDED TO REMAIN IN PLACE POST CONSTRUCTION.
- PLACE THE STONE BY HAND OR MACHINE, MAKING SIDE SLOPES NO STEEPER THAN 1:1 (I.E., THE ANGLE OF REPOSE) WITH A MAXIMUM HEIGHT OF 3 FEET AT THE CENTER OF THE CHECK DAM.

### SEDIMENT CONTROL AT CATCH BASINS

- PLACE SILT SACKS UNDER GRATE AT EACH CATCH BASINS AT LOCATIONS SHOWN ON DRAWINGS.

### OPERATION AND MAINTENANCE OF TEMPORARY SOIL EROSION AND SEDIMENTATION CONTROL MEASURES

#### HAYBALES, SILT FENCE, GRAVEL CHECK DAMS AND SEDIMENT CONTROL AT CATCH BASINS

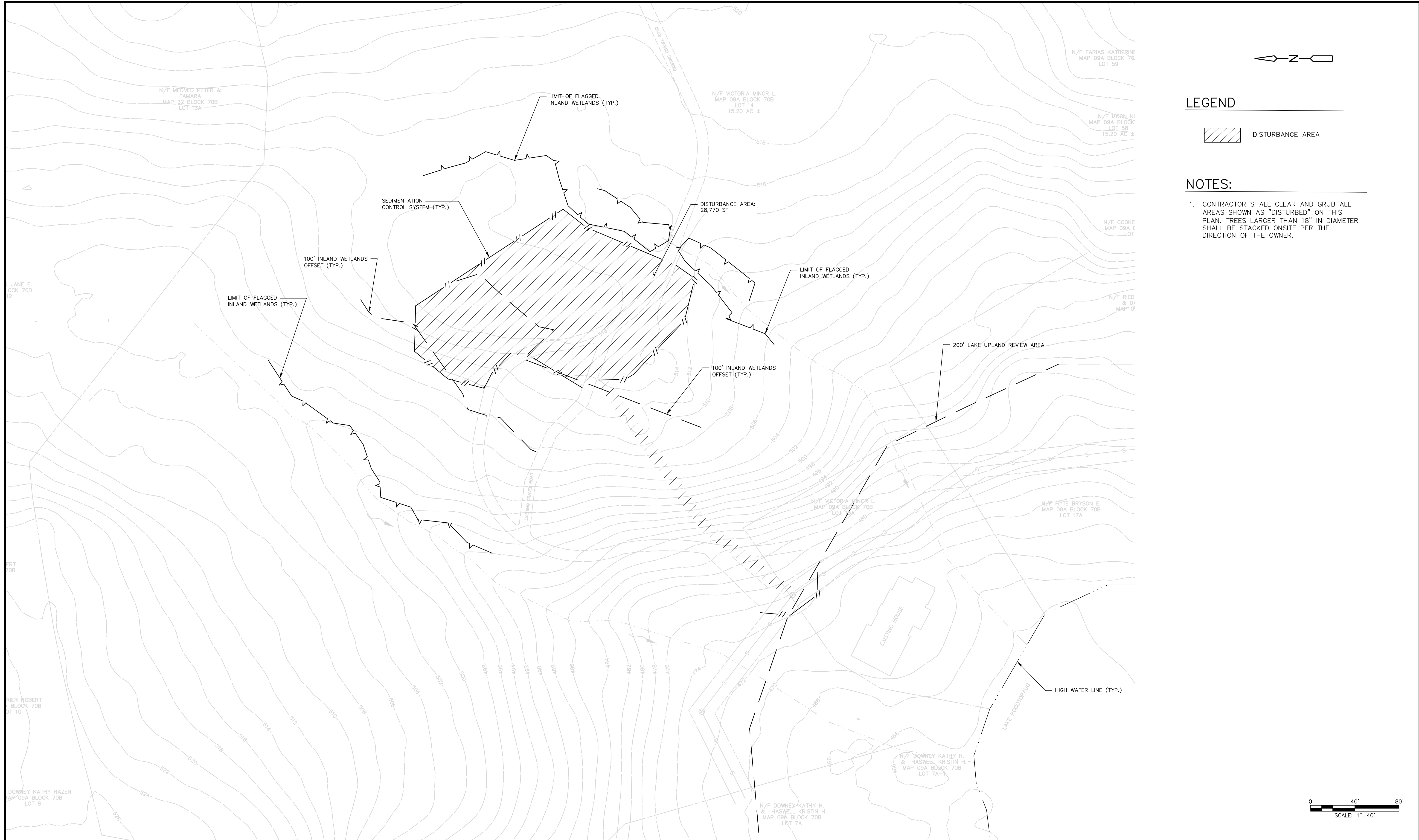
- ALL EROSION CONTROL MEASURES SHALL BE INSPECTED FOLLOWING EACH RAINFALL. REPAIR OR REPLACEMENT SHALL BE PROMPTLY MADE AS NEEDED.
- DEPOSITS SHALL BE REMOVED AND/OR CLEANED-OUT WHEN ONE HALF OF THE ORIGINAL HEIGHT OF THE FEATURE BECOMES FILLED WITH SEDIMENT.
- ALL SILT FENCES SHALL BE INSPECTED WEEKLY AND AFTER EACH RAINFALL. ALL DETERIORATED FABRIC AND DAMAGED POSTS SHALL BE REPLACED AND PROPERLY REPOSITIONED.
- SEDIMENT DEPOSITS SHALL BE REMOVED WHEN THEY EXCEED A HEIGHT OF ONE FOOT OR 1/2 THE HEIGHT OF THE SILT FENCE BARRIER.
- REPLACE OR REPAIR THE CHECK DAM WITHIN 24 HOURS OF OBSERVED FAILURE. FAILURE OF THE CHECK DAMN HAS OCCURRED WHEN SEDIMENT FAILS TO BE RETAINED BECAUSE:
  - STONE HAS MOVED
  - SOIL HAS ERODED AROUND OR UNDER THE CHECK DAMN REDUCING ITS FUNCTIONAL CAPACITY; OR
  - TRAPPED SEDIMENTS ARE OVERTOPPING THE CHECK DAM
- INSPECT SILT SACKS WEEKLY AND AFTER EACH RAINFALL.
- SILT SACKS SHALL BE EMPTIED WHEN THEY HAVE COLLECTED 6" TO 12" OF SEDIMENT.

### CONTINGENCY EROSION PLAN

SHOULD UNFORESEEN EROSION OR SEDIMENTATION PROBLEMS ARISE, THE DESIGN ENGINEER OF RECORD (ZUVIC, INC) AND LOCAL ENFORCEMENT AGENT SHALL BE NOTIFIED IMMEDIATELY. AN INSPECTION OF THE AFFECTED AREA(S) SHALL BE PROMPTLY PERFORMED. A REMEDIAL ACTION PLAN SHALL BE FORMULATED WITH THE LOCAL ENFORCEMENT AGENT'S APPROVAL. THE SITE CONTRACTOR SHALL THEN IMPLEMENT THE RECOMMENDED COURSE OF ACTION WHICH HAS BEEN DETERMINED BY BOTH THE ENGINEER AND LOCAL ENFORCEMENT AGENT.

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| REV. NO. | DATE | DRWN | CHKD | REMARKS | PROJECT NO.: 22190     | DESIGNED BY: DV   | DRAWN BY: DV    |
|          |      |      |      |         | SHEET CHK'D BY: FW     | CROSS CHK'D BY: FW  | APPROVED BY: DV |
|          |      |      |      |         | DATE: MAY 2023         |   |                 |
|          |      |      |      |         | PREPARED FOR:          | PREPARED BY:  |                 |
|          |      |      |      |         | <b>TUCKER MINOR</b>    | <b>zuvic</b>  |                 |
|          |      |      |      |         | 198 LAKE DRIVE         | INFRASTRUCTURE SOLUTIONS  |                 |
|          |      |      |      |         | EAST HAMPTON, CT 06424 | 40 Cold Spring Road, Suite 1, Rocky Hill, CT 06067<br>■ (860)436-4901 ■ WWW.ZUVIC.COM |                 |
|          |      |      |      |         | MINOR RESIDENCE        | LAKE DRIVE  |                 |
|          |      |      |      |         | EAST HAMPTON, CT 06424 | EAST HAMPTON, CT 06424  |                 |
|          |      |      |      |         | GENERAL NOTES          | SHEET NO.   |                 |
|          |      |      |      |         | GN-1                   |   |                 |

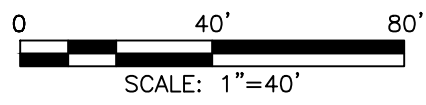
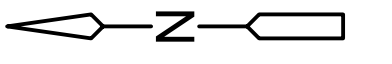


**LEGEND**

 DISTURBANCE AREA

**NOTES:**

1. CONTRACTOR SHALL CLEAR AND GRUB ALL AREAS SHOWN AS "DISTURBED" ON THIS PLAN. TREES LARGER THAN 18" IN DIAMETER SHALL BE STACKED ONSITE PER THE DIRECTION OF THE OWNER.



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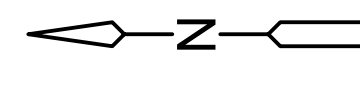
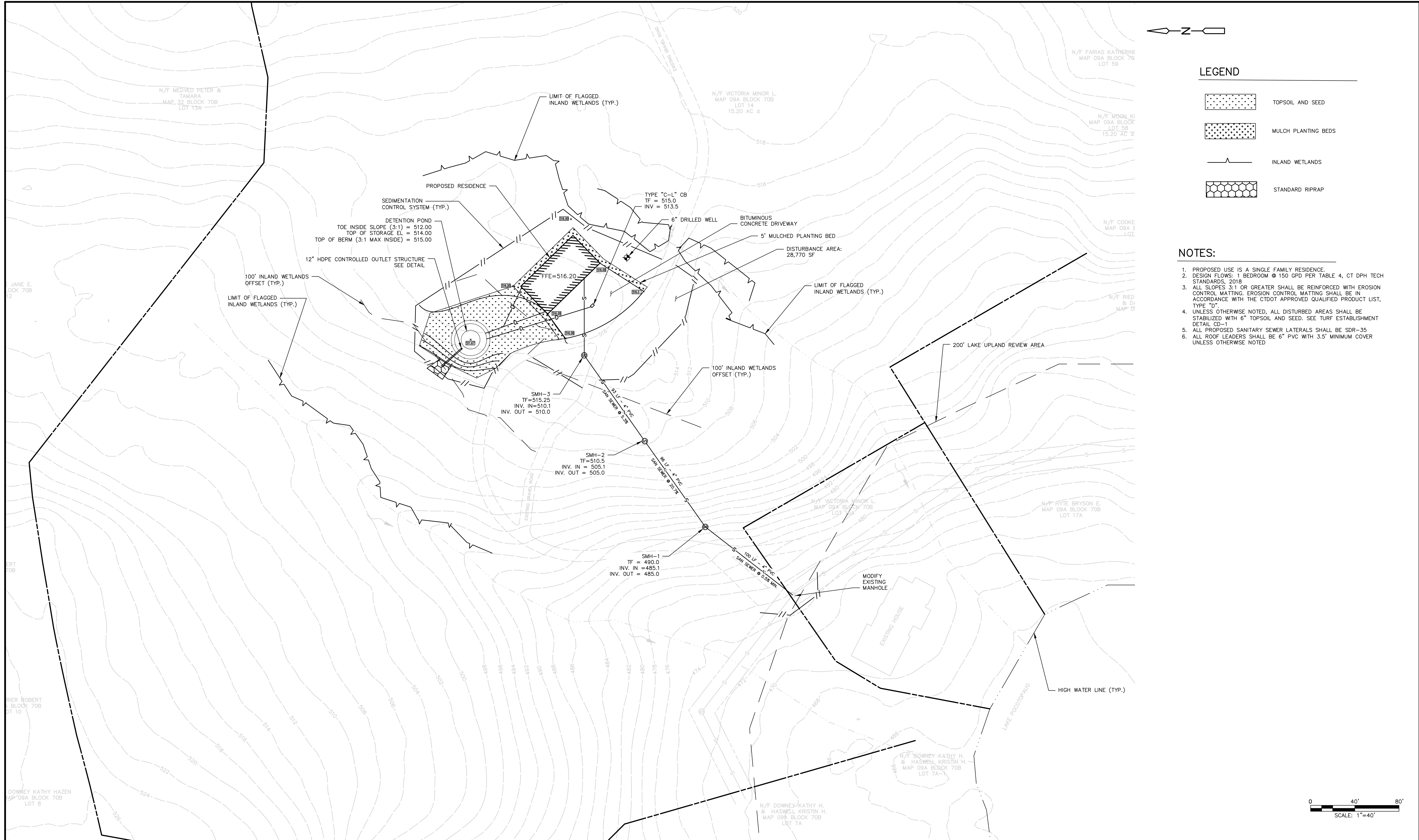
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**EROSION AND SEDIMENTATION CONTROL PLAN**

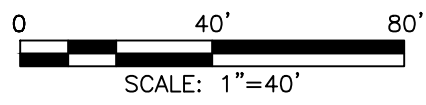
SHEET NO.  
**ES-1**



**LEGEND**

- TOPSOIL AND SEED
- MULCH PLANTING BEDS
- INLAND WETLANDS
- STANDARD RIPRAP

- NOTES:**
1. PROPOSED USE IS A SINGLE FAMILY RESIDENCE.
  2. DESIGN FLOWS: 1 BEDROOM @ 150 GPD PER TABLE 4, CT DPH TECH STANDARDS, 2018
  3. ALL SLOPES 3:1 OR GREATER SHALL BE REINFORCED WITH EROSION CONTROL MATTING. EROSION CONTROL MATTING SHALL BE IN ACCORDANCE WITH THE CT DOT APPROVED QUALIFIED PRODUCT LIST, TYPE "D".
  4. UNLESS OTHERWISE NOTED, ALL DISTURBED AREAS SHALL BE STABILIZED WITH 6" TOPSOIL AND SEED. SEE TURF ESTABLISHMENT DETAIL CD-1
  5. ALL PROPOSED SANITARY SEWER LATERALS SHALL BE SDR-35
  6. ALL ROOF LEADERS SHALL BE 6" PVC WITH 3.5' MINIMUM COVER UNLESS OTHERWISE NOTED



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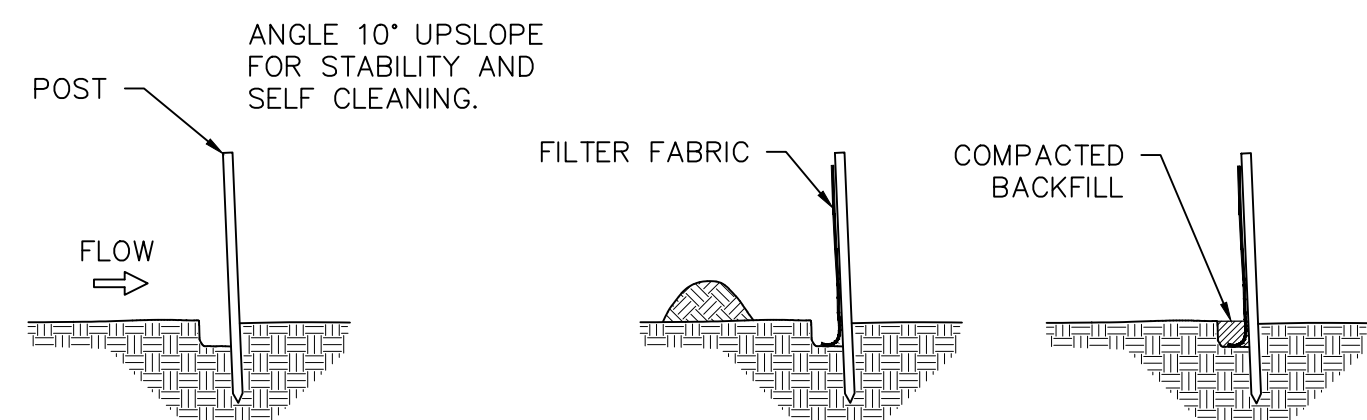
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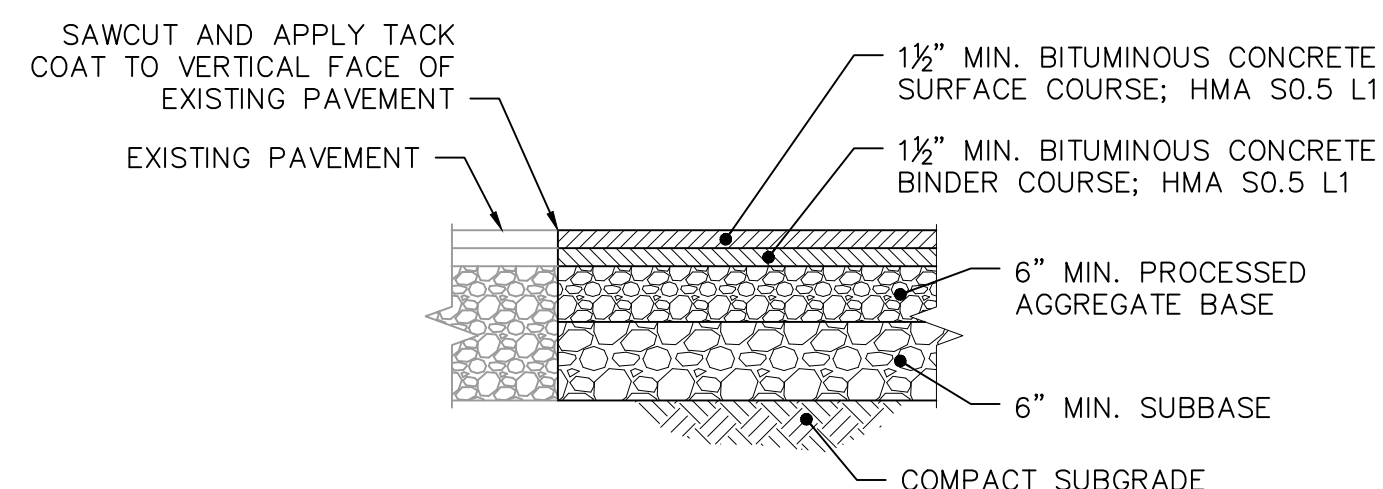
**SITE PLAN**

SHEET NO.  
**SP-1**



1. SET POSTS AND EXCAVATE A 6"x6" TRENCH. SET POST DOWNSLOPE.
2. ATTACH FILTER FABRIC FENCING TO POST AND EXTEND IT TO THE TRENCH BOTTOM.
3. BACKFILL THE TRENCH AND COMPACT THE EXCAVATED SOIL.

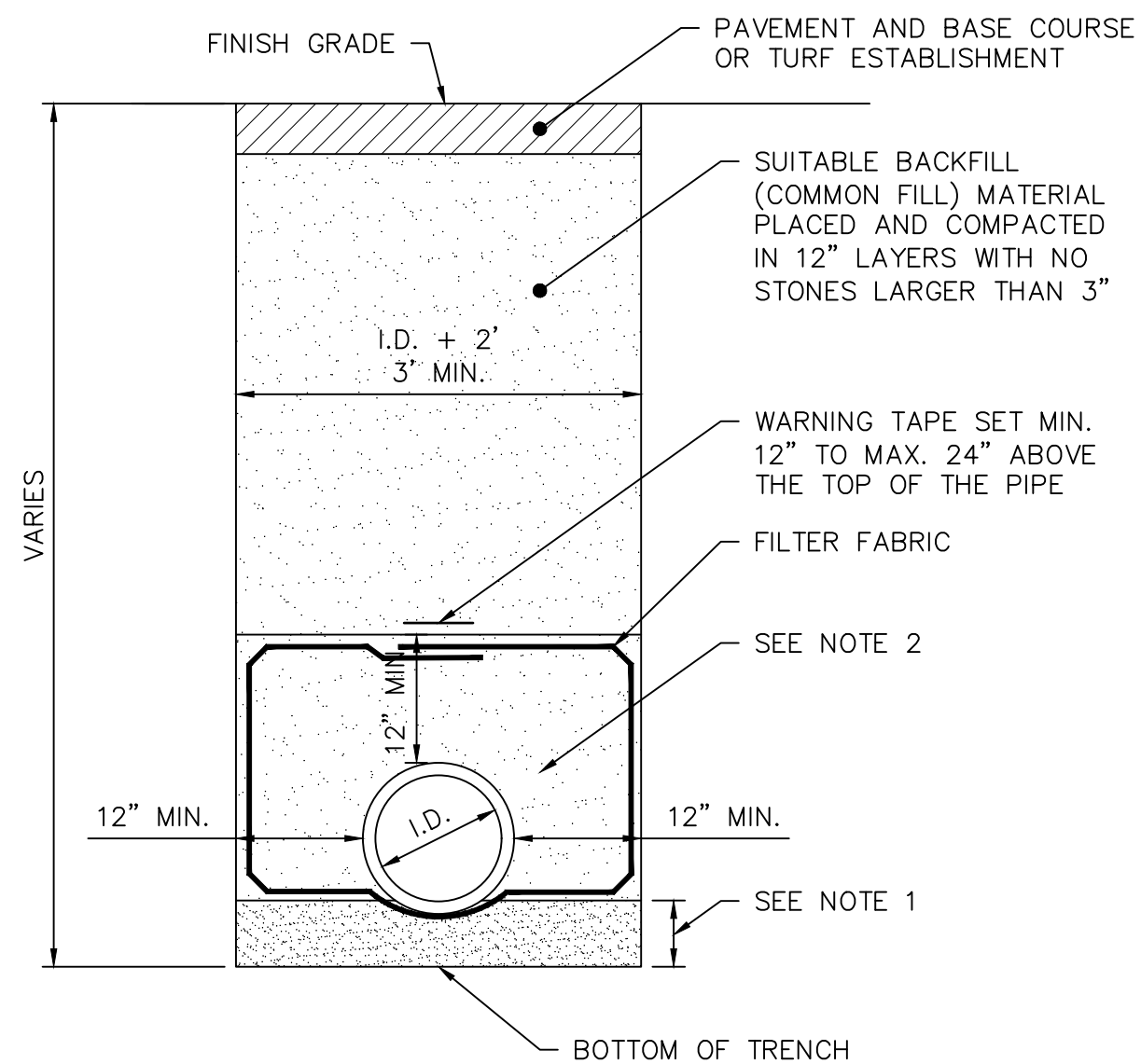
**SILT FENCE**  
NOT TO SCALE



NOTE:

1. HMA BITUMINOUS CONCRETE MIXTURES SHALL COMPLY WITH CT DOT FORM 818 MATERIAL SPECIFICATIONS.

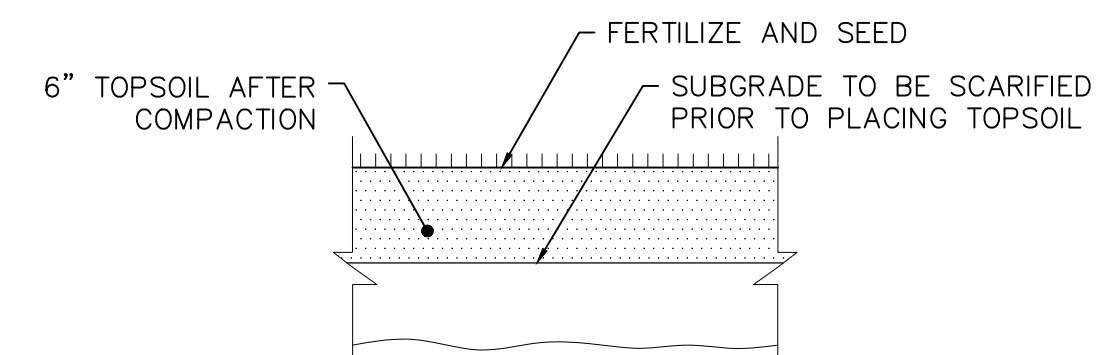
**BITUMINOUS CONCRETE PAVEMENT**  
NOT TO SCALE



NOTES:

1. FOR HDPE PIPE, INSTALL 6" SAND BEDDING MATERIAL OR 3/4" CRUSHED STONE WHEN IN ROCK OR UNSUITABLE MATERIAL. FOR CONCRETE PIPE, INSTALL 3" GRANULAR FILL.
2. FOR HDPE PIPE, INSTALL 3/4" CRUSHED STONE. FOR CONCRETE PIPE, INSTALL GRANULAR FILL.

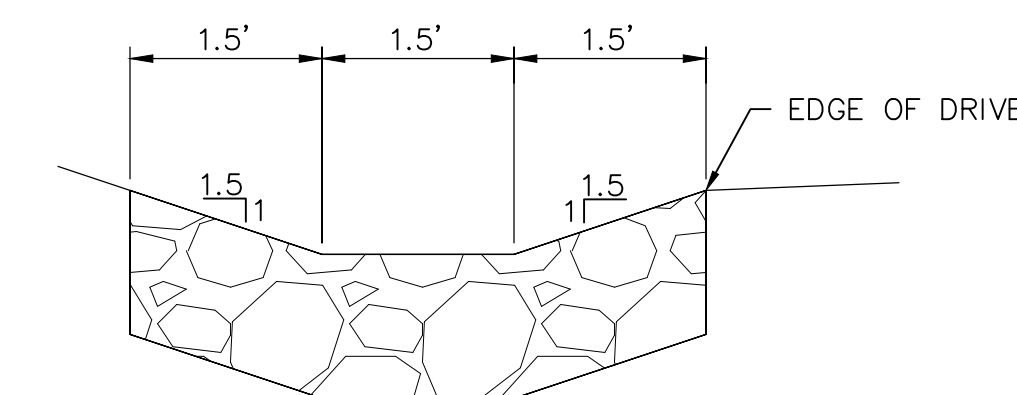
**TYPICAL STORM TRENCH**  
NOT TO SCALE



NOTES:

1. THE PERMANENT SEED MIX FOR TURF ESTABLISHMENT IS AS FOLLOWS:  
NEW ENGLAND CONSERVATION/WILDLIFE MIX  
5311 CONSERVATION MIX  
VERMONT CONSERVATION AND WILDLIFE  
OR APPROVED ALTERNATE
2. SEED SHALL BE APPLIED AT A RATE OF 2 POUNDS PER 1000 SQUARE FEET. THE SEEDED AREA SHALL BE MULCHED WITH A LAYER OF GRASS, HAY OR STRAW AT A RATE OF 10 POUNDS PER 100 SQUARE FEET. THE SEEDED AREAS SHALL BE THOROUGHLY WATERED UNTIL SATISFACTORY STAND OF GRASS HAS BEEN ESTABLISHED.

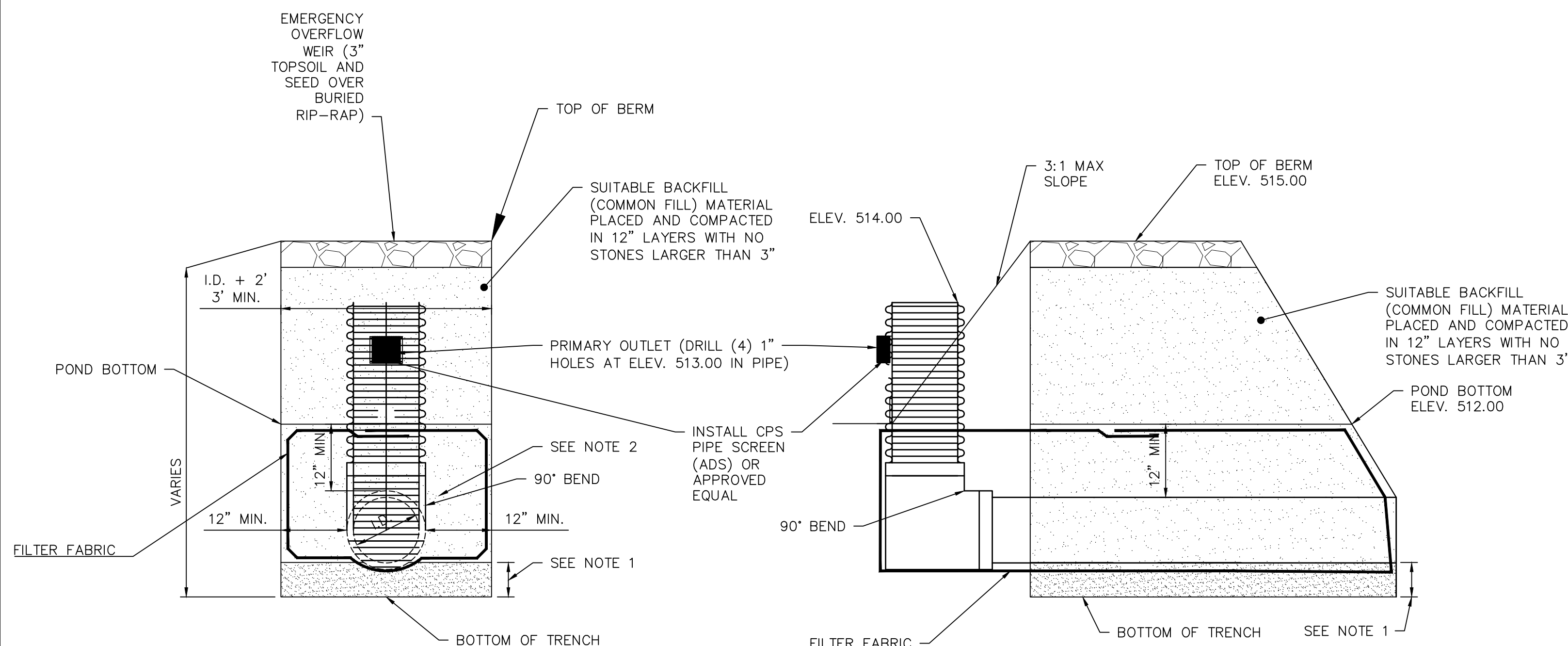
**TURF ESTABLISHMENT**  
NOT TO SCALE



NOTE:

1. CRUSHED GRAVEL SHALL BE IN ACCORDANCE WITH STANDARD SPECIFICATION M.01.02 NO. 3

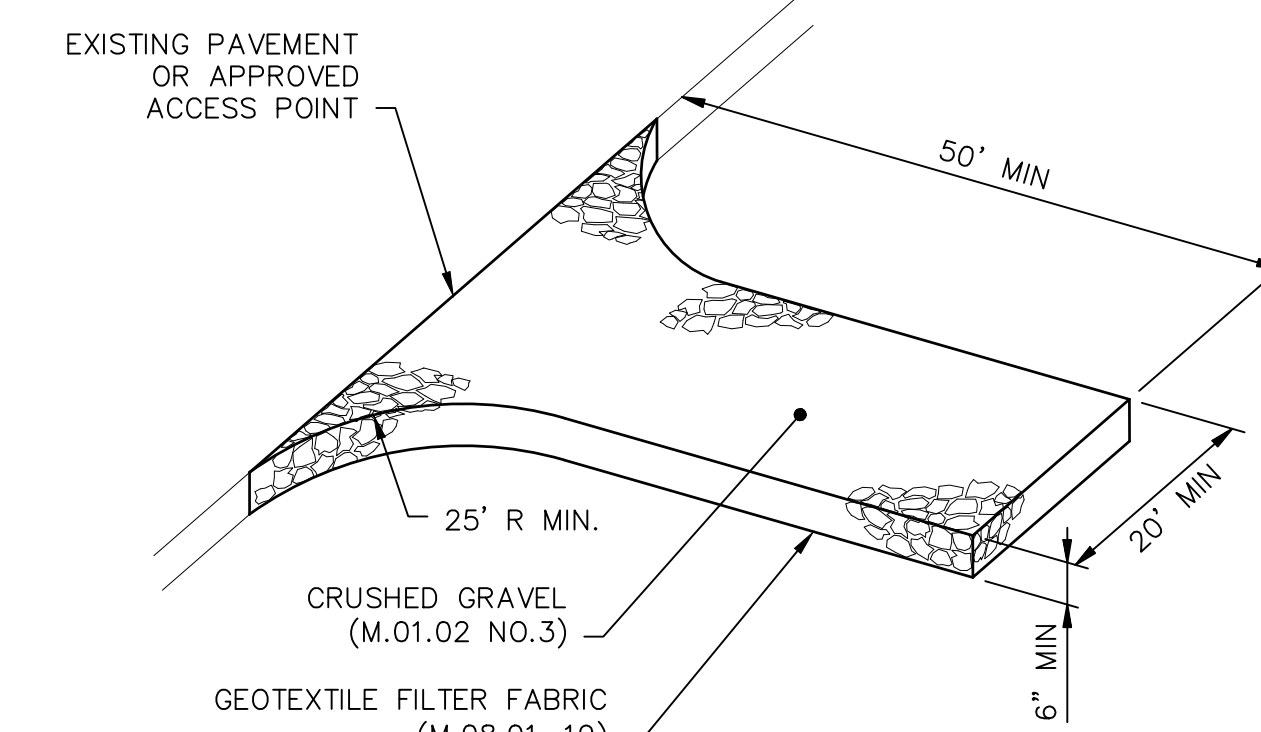
**2" STONE DITCH**  
NOT TO SCALE



NOTES:

1. FOR HDPE PIPE, INSTALL 6" SAND BEDDING MATERIAL OR 3/4" CRUSHED STONE WHEN IN ROCK OR UNSUITABLE MATERIAL. FOR CONCRETE PIPE, INSTALL 3" GRANULAR FILL.
2. FOR HDPE PIPE, INSTALL 3/4" CRUSHED STONE. FOR CONCRETE PIPE, INSTALL GRANULAR FILL.
3. RISER SHALL BE EXPOSED NO MORE THAN 3'.

**TYPICAL STORM TRENCH**  
NOT TO SCALE



NOTES:

1. INSPECT ANTI-TRACKING CONSTRUCTION ENTRANCE PAD ON A DAILY BASIS AND MAINTAIN IN GOOD CONDITION THROUGHOUT CONSTRUCTION PERIOD.
2. ROADWAY SHALL BE SWEEPED DAILY TO REMOVE ANY MATERIAL THAT MAY BE TRACKED ONTO THE PAVEMENT.

**ANTI-TRACKING PAD**  
NOT TO SCALE

FILE PATH: H:\Projects\22190 - Minor Lakeside Site Plan\AutoCAD\CD\22190 - CD.dwg PLOT DATE: 5/26/2023 PLOT TIME: 10:53:09 AM

|                 |          |
|-----------------|----------|
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| DESIGNED BY:    | DV       |
| DRAWN BY:       | AM       |
| SHEET CHK'D BY: | X        |
| CROSS CHK'D BY: | X        |
| APPROVED BY:    | X        |
| DATE:           | MAY 2023 |

|               |                        |
|---------------|------------------------|
| PREPARED FOR: | TUCKER MINOR           |
|               | 198 LAKE DRIVE         |
|               | EAST HAMPTON, CT 06424 |

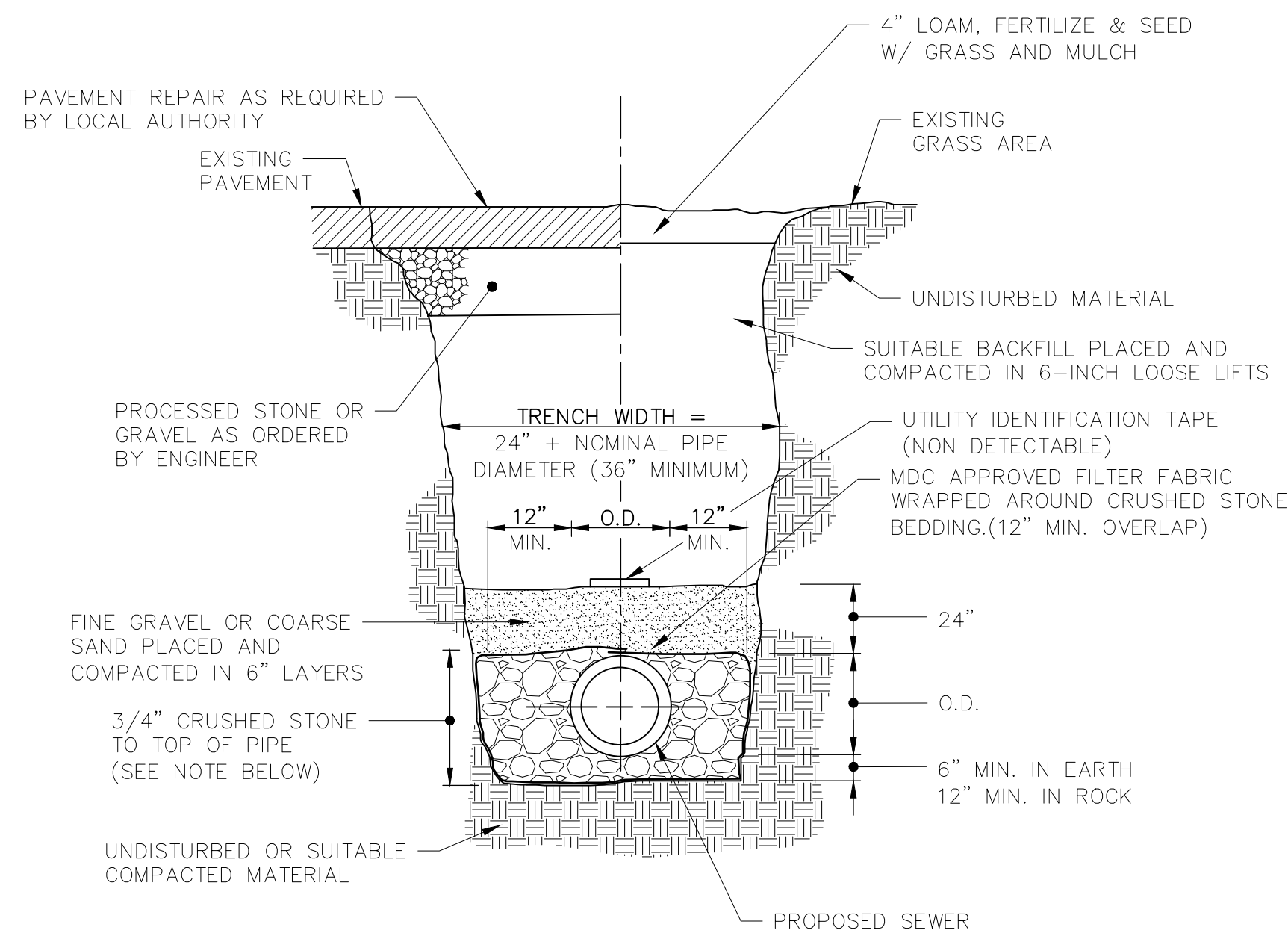
PREPARED BY:

INFRASTRUCTURE SOLUTIONS  
40 Cold Spring Road, Suite 1, Rocky Hill, CT 06067  
(860) 436-4901 WWW.ZUVIC.COM

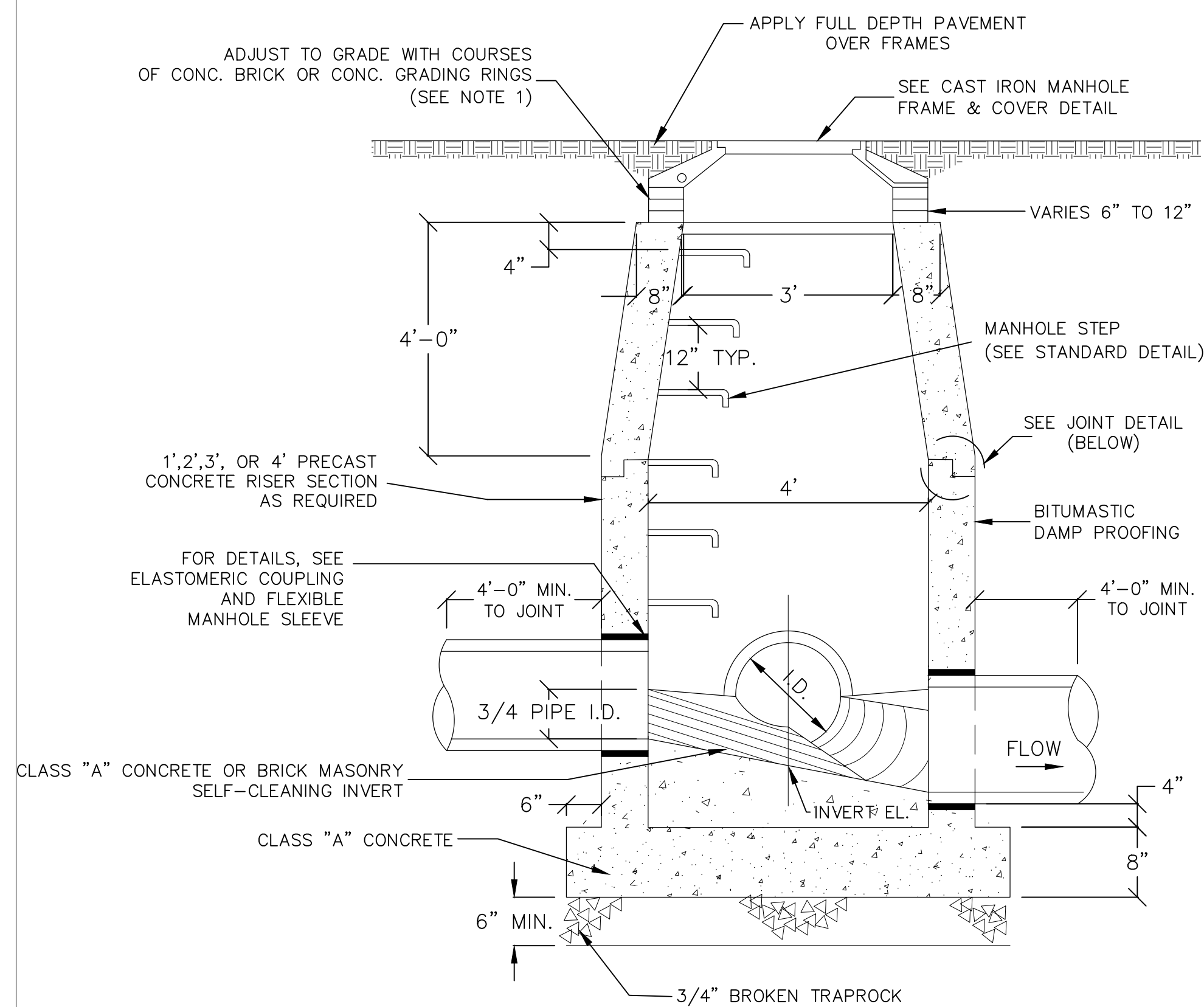
MINOR RESIDENCE  
LAKE DRIVE  
EAST HAMPTON, CT 06424

CIVIL DETAILS

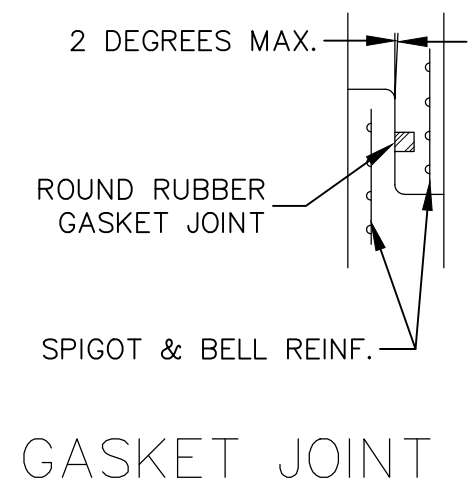
SHEET NO.  
**CD-1**



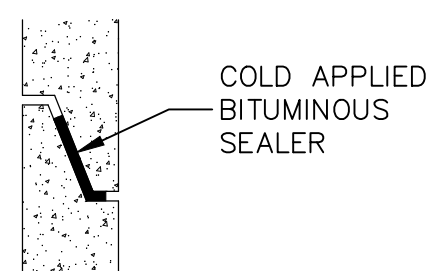
**SEWER TRENCH DETAIL**  
NOT TO SCALE



**ELEVATION**



**GASKET JOINT**



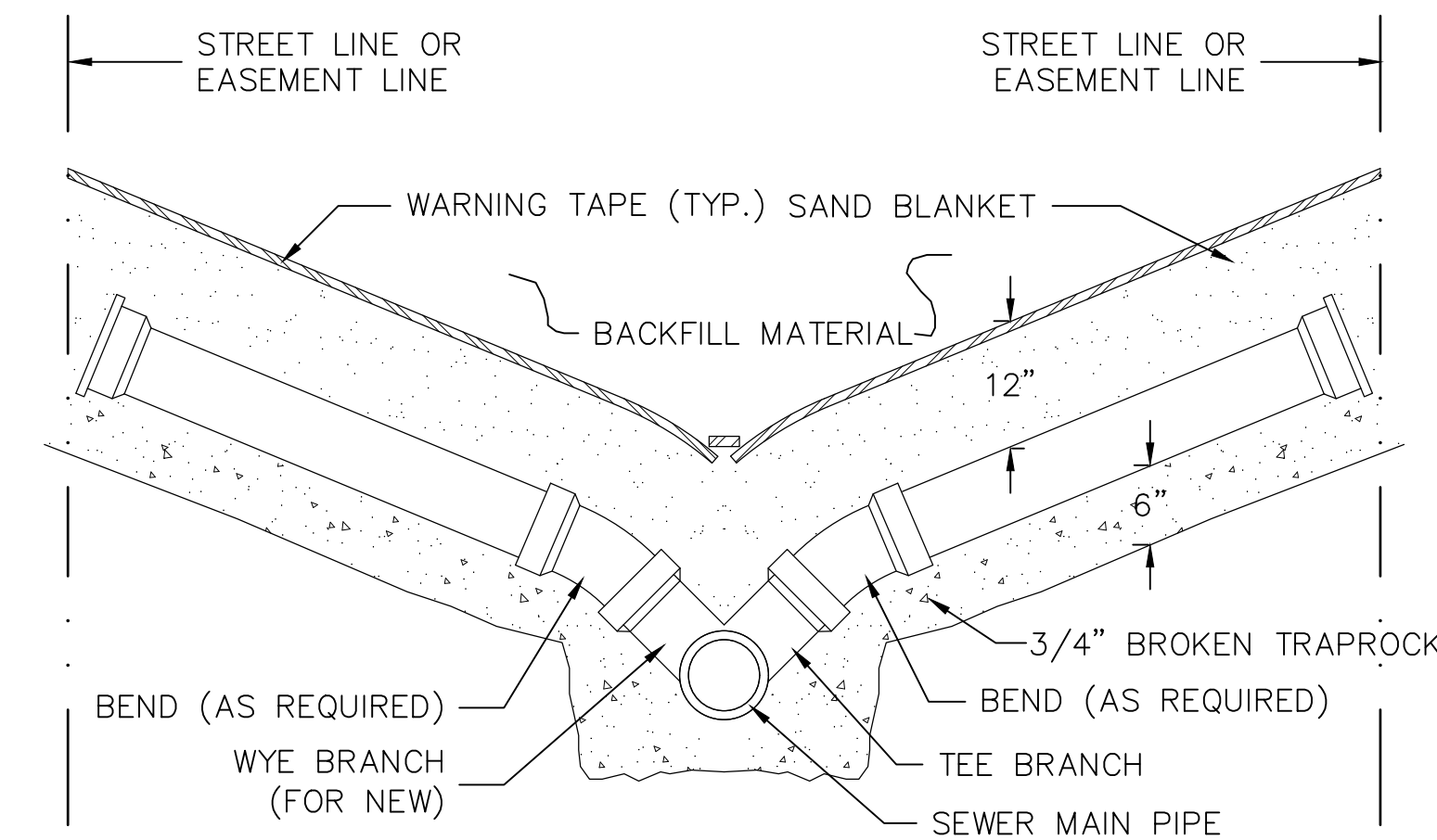
**SECTION JOINT**

**NOTES:**

1. TOP STEP TO BE A MAXIMUM OF 24" BELOW TOP OF MANHOLE FRAME & COVER ELEVATION.
2. IF TOTAL DEPTH IS TEN FEET OR GREATER, CERTIFICATION OF HS-20 LOAD BEARING CAPACITY SHALL BE SUBMITTED TO THE TOWN ENGINEER FOR APPROVAL PRIOR TO INSTALLATION.
3. SEE MISCELLANEOUS MANHOLE DETAILS SHEET.
4. SEAL ALL LIFTING HOLES INSIDE AND OUTSIDE OF RISER SECTION.

**PRECAST CONCRETE SANITARY SEWER MANHOLE**

NOT TO SCALE



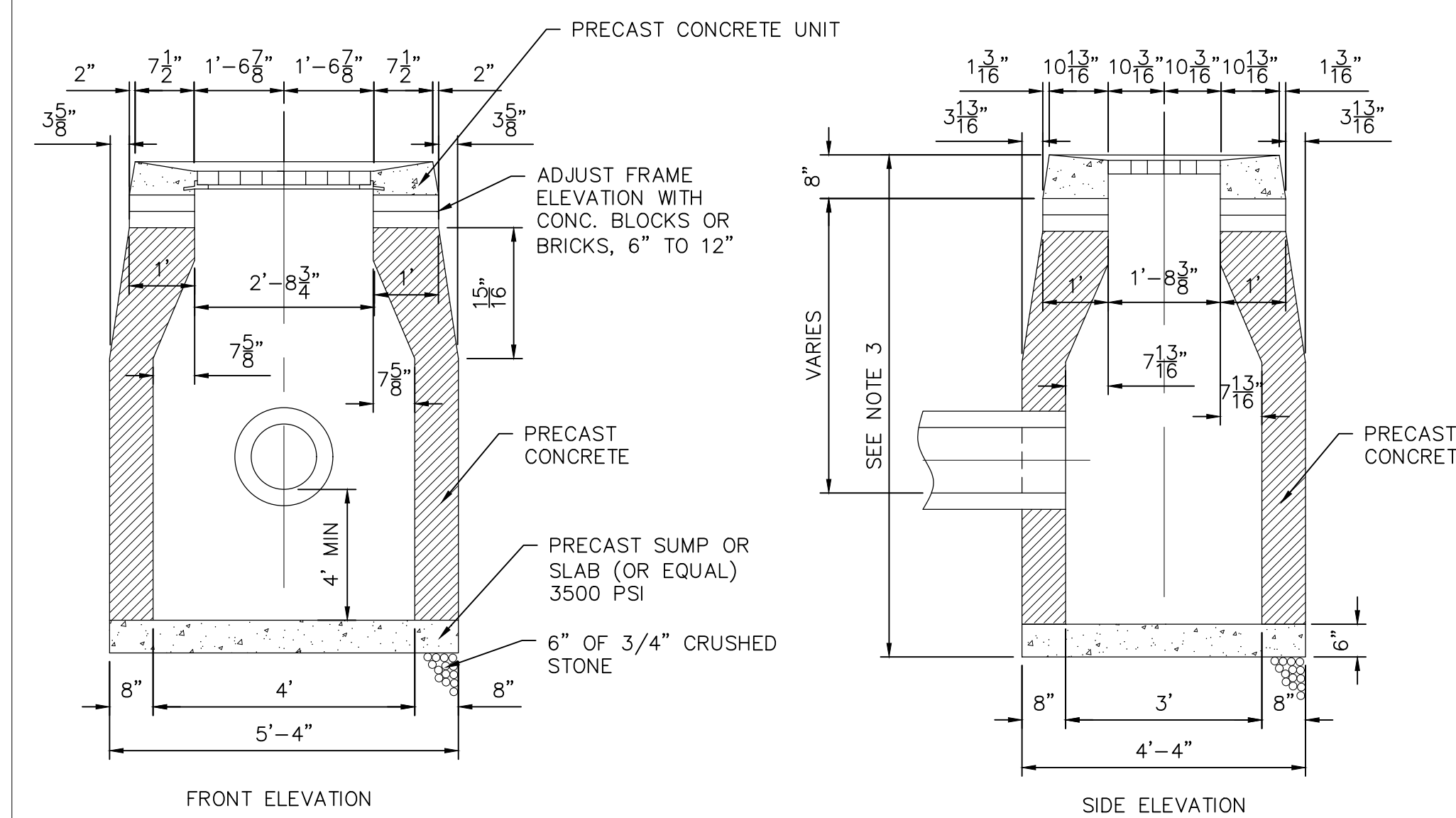
**SECTION**

**NOTES:**

1. SEE STANDARD DETAILS "TYPICAL BLDG. SEWER" AND "TYPICAL SANITARY SEWER TRENCH SECTION" FOR ADDITIONAL INFORMATION AND REQUIREMENTS.

**SERVICE CONNECTION FOR SHALLOW SEWER**

NOT TO SCALE



**FRONT ELEVATION**

**SIDE ELEVATION**

**NOTES:**

1. MINIMUM COVER OVER TOP OF PIPE SHALL BE 2'-0".
2. WALL THICKNESS SHALL BE SUFFICIENT TO MEET HS-20 LOADING.
3. WALL THICKNESS FOR STRUCTURES OVER 10' HIGH IS 12" FOR CONCRETE BLOCK UNITS. INSIDE DIMENSIONS REMAIN THE SAME.
4. ALL PIPES SHALL BE CUT FLUSH WITH INSIDE WALLS.
5. ALL BRICKS SHALL BE CONCRETE.
6. ALL PIPE PENETRATIONS SHALL BE PARGED SMOOTH TO PROVIDE A WATERTIGHT SEAL BOTH INSIDE AND OUTSIDE THE BASIN.
7. INSIDE WALLS OF STRUCTURE TO BE SMOOTH. NO SHELVES ALLOWED.
8. IF A 4' SUMP IS NOT POSSIBLE DUE TO UTILITY CONFLICTS OR SITE CONSTRAINTS, A 2' SUMP MAY BE SUBMITTED FOR APPROVAL BY THE ENGINEER.
9. FRAME AND GRATE SHALL BE GALVANIZED.

**TYPE "C-L" CATCH BASIN**

NOT TO SCALE

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|               |                        |
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MINOR RESIDENCE

LAKE DRIVE

EAST HAMPTON, CT 06424

CIVIL DETAILS

SHEET NO.

**CD-2**