

# THE LITTLE GUILD ANIMAL SHELTER

285 SHARON GOSHEN TURNPIKE  
WEST CORNWALL, CT

**SUBMITTED FOR: PERMITTING**  
NOVEMBER 13, 2023

## OWNER

Prepared For Owner



## CONSULTANTS

Prepared By:



Alfred Benesch & Company  
120 Hebron Avenue, 2nd Floor  
Glastonbury, Connecticut 06033  
860-633-8341

### GENERAL SITE NOTES

1. BOUNDARY AND TOPOGRAPHIC DATA WAS OBTAINED FROM SURVEY PREPARED BY MATHIAS M. KIEFER, L.L.S. #16101 FROM THE OFFICE OF LAMB KIEFER LAND SURVEYORS. THE LANDSCAPE ARCHITECT MAKES NO WARRANTY FOR INFORMATION SHOWN AS EXISTING. CONTRACTOR SHALL VERIFY CONDITIONS IN FIELD AND THEIR RELATIONSHIP TO NEW CONSTRUCTION. DISCREPANCIES SHALL BE REPORTED TO THE OWNER'S REPRESENTATIVE FOR RESOLUTION PRIOR TO COMMENCING RELATED WORK.

2. PRIOR TO COMMENCING CONSTRUCTION, CONTRACTOR SHALL NOTIFY 'CALL BEFORE YOU DIG' (PHONE NUMBER: 811) FOR FIELD LOCATING AND CLEAR MARKING OF SUBSURFACE UTILITIES PRIOR TO ANY EXCAVATION.

3. CONTRACTOR SHALL ESTABLISH AND/OR MAINTAIN AT LEAST ONE (1) BENCHMARK ON SITE FOR VERTICAL AND HORIZONTAL REFERENCE.

4. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE TOWN OF CORNWALL. ALL LOCAL, STATE AND FEDERAL REQUIREMENTS SHALL BE ADHERED TO IN THE PERFORMANCE OF THIS WORK.

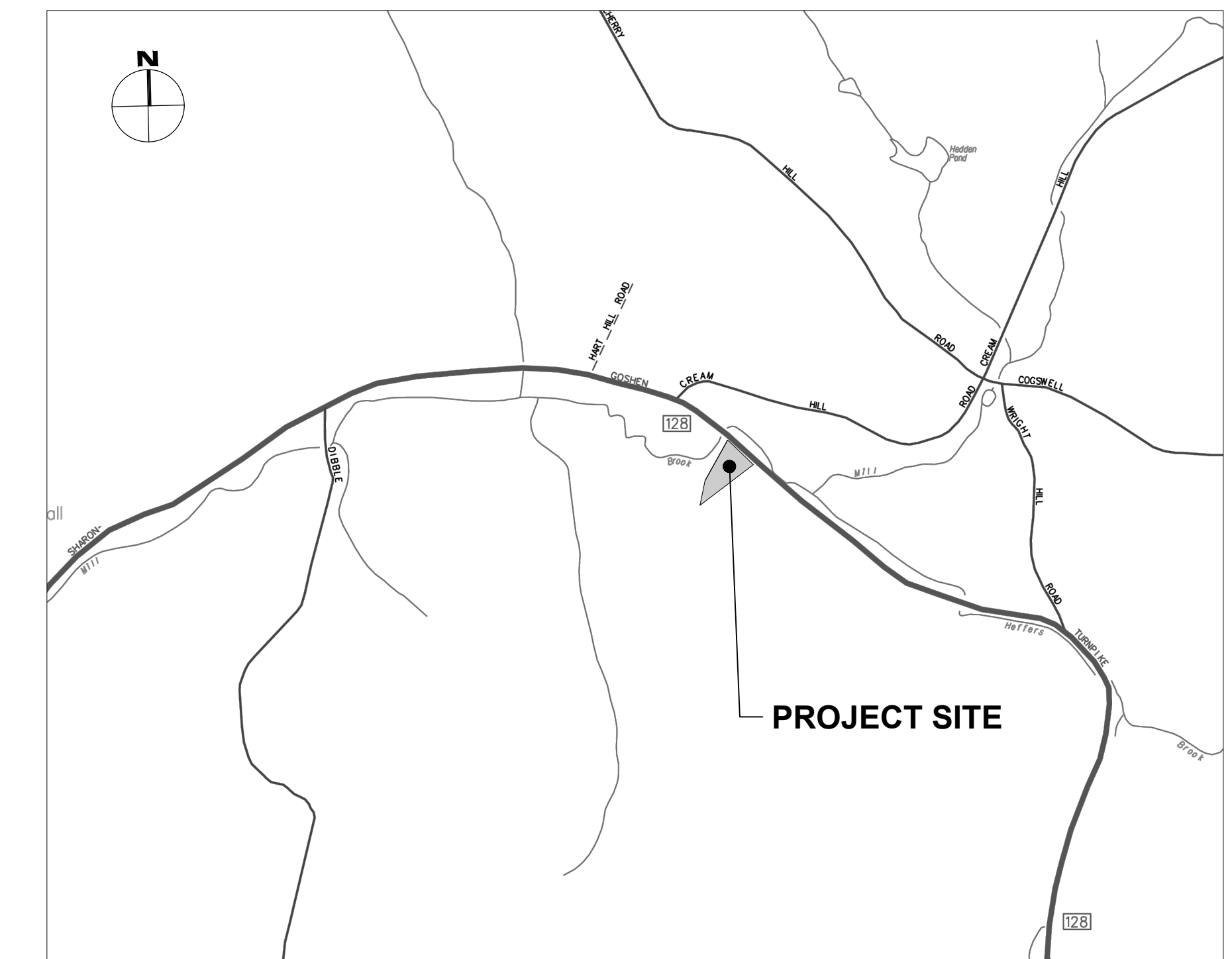
5. THE CONSTRUCTION LIMITS ARE AS DEFINED IN THE SPECIFICATIONS AND AS SHOWN IN THE DRAWINGS. DRAWINGS INDICATE MINIMUM LIMITS OF DEMOLITION/PAVEMENT REMOVAL REQUIRED FOR CONSTRUCTION OF NEW IMPROVEMENTS. WORK SHALL NOT EXCEED CONTRACT LIMIT LINES UNLESS PRIOR WRITTEN APPROVAL IS OBTAINED FROM THE OWNER'S REPRESENTATIVE.

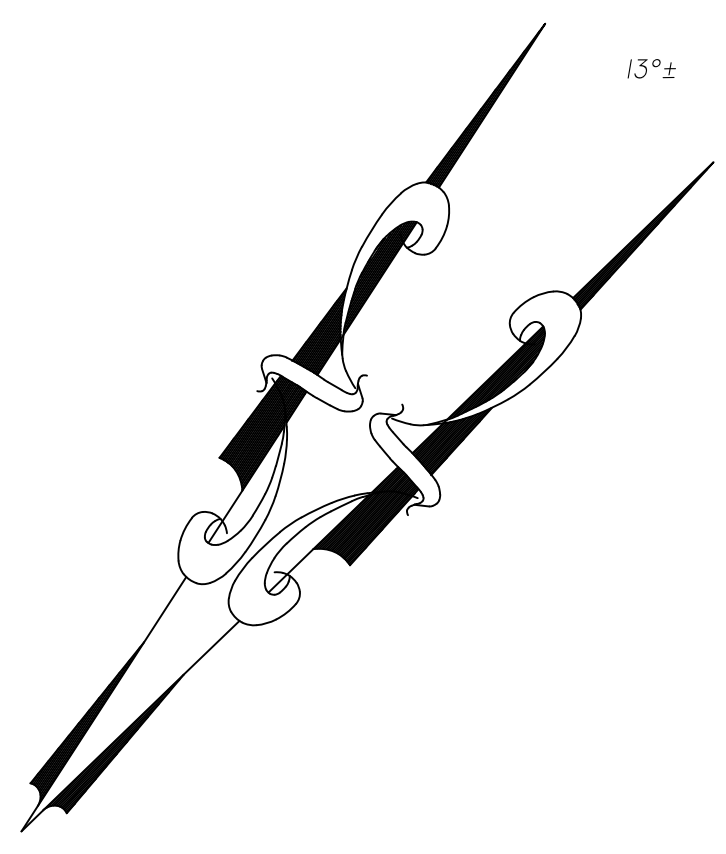
## LIST OF DRAWINGS

-----	TITLE SHEET
-----	TOPOGRAPHIC SURVEY
C1.0	DEMOLITION & PREPARATION PLAN
C1.1	EROSION & SEDIMENTATION CONTROL DETAILS
C1.2	SITE PREPARATION DETAILS
C1.3	SITE PREPARATION NOTES
C2.0	LAYOUT & MATERIALS PLAN
C3.0	GRADING & DRAINAGE PLAN
C4.0	UTILITY PLAN
C4.1	SEPTIC PLAN
C5.0	PLANTING PLAN
C5.1	PLANTING DETAILS
C6.0 - 6.2	SITE DETAILS

## LOCUS

SCALE: 1" = 1,000'





PROPOSED AREA  
0.345± ACRES  
15,051 S.F.

1.927± ACRES  
83,933 S.F.

PROPOSED AREA  
0.345± ACRES  
15,051 S.F.

PROPOSED LEASE AREA  
0.5± ACRES

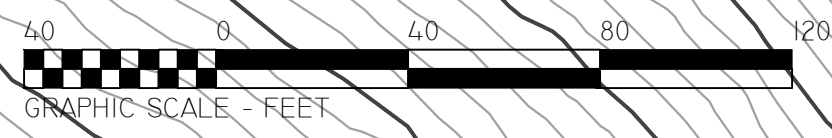
MAP PREPARED FOR  
**THE LITTLE GUILD OF ST. FRANCIS  
FOR THE WELFARE OF ANIMALS, INC.**  
#285 SHARON GOSHEN TURNPIKE - ROUTE 128  
CORNWALL, CONNECTICUT  
SCALE 1" = 40' JULY 11, 2022  
TOTAL AREA = 1.927± ACRES

THIS SURVEY AND MAP HAS BEEN PREPARED IN ACCORDANCE WITH SECTIONS 20-300B-1  
THRU 20-300B-20 OF THE REGULATIONS OF CONNECTICUT STATE AGENCIES- MINIMUM  
STANDARDS FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT AS ADOPTED BY THE  
CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC., ON SEPTEMBER 26, 1996. IT IS A  
PROPERTY BOUNDARY SURVEY BASED ON A RESURVEY CONFORMING TO HORIZONTAL ACCURACY  
CLASS A-2.

TO MY KNOWLEDGE AND BELIEF, THIS MAP IS  
SUBSTANTIALLY CORRECT AS NOTED HEREON.

**PRELIMINARY**

MATHIAS M. KIEFER, L.L.S.#16101  
FROM THE OFFICE OF:  
LAMB KIEFER LAND SURVEYORS  
( SALISBURY, CONNECTICUT )  
MAP NOT VALID WITHOUT A LIVE SIGNATURE  
AND EMBOSSED SEAL



790

797



**LEGEND**

	PROPERTY LINE
	SETBACK LINE
	FLOOD ZONE A
	LIMITS OF TREE REMOVAL
	CURB TO BE REMOVED
	BIT. PAVEMENT TO BE REMOVED
	CONC. PAVEMENT TO BE REMOVED
	GRAVEL TO BE REMOVED
	CONSTRUCTION FENCE
	SITE ELEMENT TO BE REMOVED
	SITE ELEMENT TO BE RELOCATED
	FENCE/WALL TO BE REMOVED
	LEDGE/ROCK TO BE REMOVED
	VEGETATION TO BE REMOVED/GRUBBED
	SILT SACK
	SILT FENCE
	LIMIT OF DISTURBANCE
	TEMPORARY SEDIMENT HAYBALE BARRIER
	CONSTRUCTION ENTRANCE
	TEMPORARY STOCKPILE LOCATION
	TEMPORARY CONCRETE WASHOUT

- SITE PREPARATION NOTES:**
- COORDINATE WORK ON THIS SHEET WITH ALL DRAWINGS PERTAINING TO SITE WORK IN THE CONTRACT DOCUMENT SET. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIM OR HERSELF FAMILIAR WITH THE FULL SET OF DOCUMENTS FOR ALL SITE RELATED ITEMS.
  - PRIOR TO ANY DEMOLITION ACTIVITY THE CONTRACTOR SHALL INSTALL ALL EROSION CONTROL MEASURES. SEE SHEET C1.2, C1.3, C1.4 FOR EROSION CONTROL PLANS & NOTES.
  - CONTRACTOR SHALL COORDINATE WITH OWNER'S REPRESENTATIVE AND THE GENERAL CONTRACTOR REGARDING STAGING AREAS, CONSTRUCTION FENCING LIMITS AND GATES, AND CONSTRUCTION TRAFFIC & PARKING.
  - LIMITS OF EXISTING PAVEMENTS AND CURBS TO REMAIN SHALL BE NEATLY SAWCUT TO PROVIDE FOR A NEAT, CLEAN JOINT/OR FINISHED EDGE.
  - REMOVAL OF SITE IMPROVEMENTS SHALL INCLUDE ALL SURFACE AND SUBSURFACE IMPROVEMENTS RELATED TO THE ITEMS DESIGNATED FOR REMOVAL EXCEPT WHERE INDICATED OTHERWISE. REMOVAL OF TREES AND SHRUBS INCLUDES CLEARING AND GRUBBING OF STUMPS.
  - DEBRIS FROM DEMOLITION SHALL BE REMOVED FROM SITE AND DISPOSED OF PROPERLY BY CONTRACTOR.
  - UTILITIES DESIGNATED TO BE ABANDONED SHALL BE DONE SO IN A SAFE AND LEGAL MANNER. COORDINATE WITH THE APPROPRIATE UTILITY AUTHORITIES AND THE OWNER'S REPRESENTATIVE.
  - ITEMS NOTED TO BE REMOVED AND SAVED FOR OWNER SHALL BE STORED ON SITE AND PROTECTED BY CONTRACTOR FOR RECOVERY BY OWNER. ITEMS NOTED TO BE RELOCATED SHALL BE REMOVED, STORED AND PROTECTED FROM DAMAGE UNTIL RE-INSTALLATION. STORED ITEMS DAMAGED BY CONTRACTOR SHALL BE REPLACED TO MATCH BY CONTRACTOR.
  - ALL SAW CUTS SHALL BE STRAIGHT AND CLEAN.

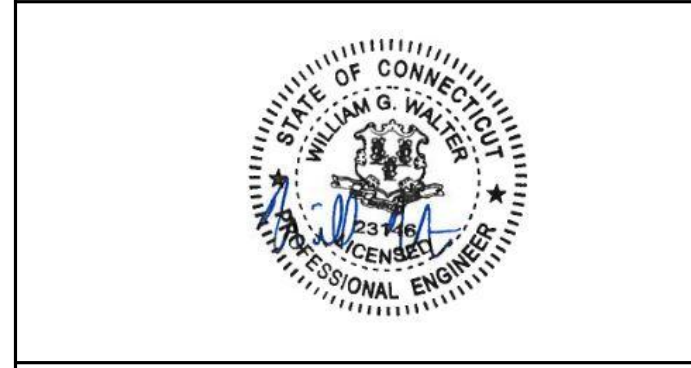
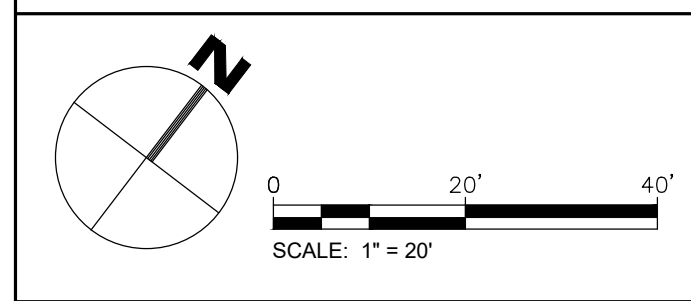
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**THE LITTLE GUILD  
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 285 SHARON GOSHEN TURNPIKE WEST CORNWALL, CT

DATE:	REVISION:

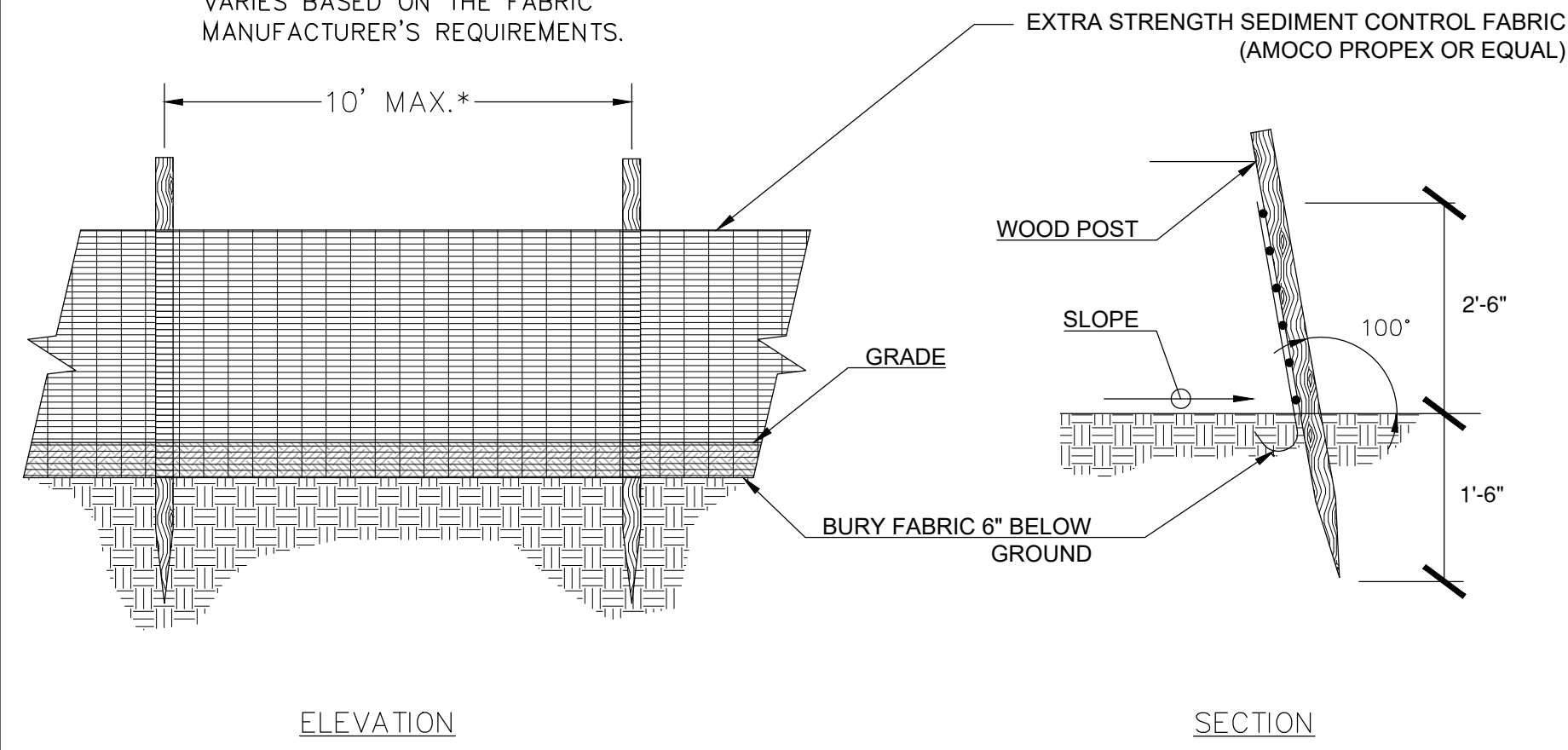
KEY PLAN  
 FOR PERMITTING PURPOSES ONLY  
 NOT FOR CONSTRUCTION



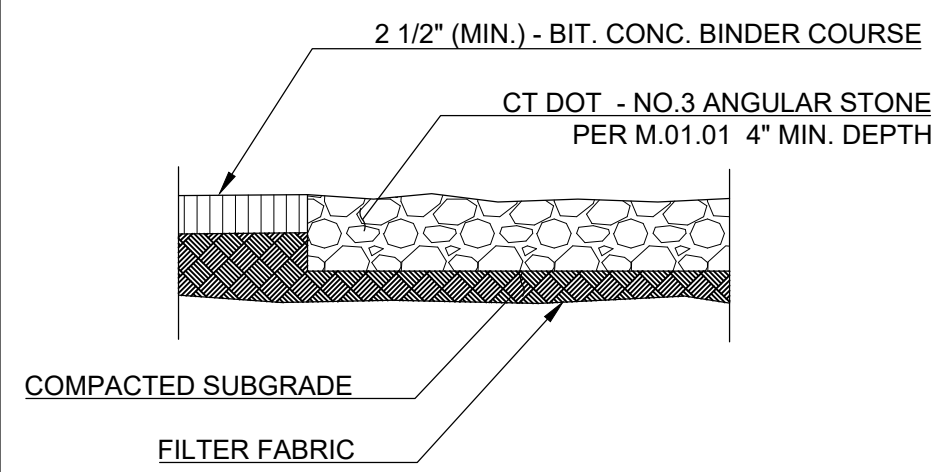
PROJECT NO.: 70819.00 DRAWN BY: ENB  
 SCALE: 1"=20' CHECKED BY: WGW  
 DATE: 11/13/2023

**DEMOLITION &  
 PREPARATION  
 PLAN**  
 DRAWING NO.:  
**C-1.0**

**\*NOTE:** POST SPACING AND EMBEDMENT VARIES BASED ON THE FABRIC MANUFACTURER'S REQUIREMENTS.



**SILT FENCE BARRIER (SF)**  
N.T.S.



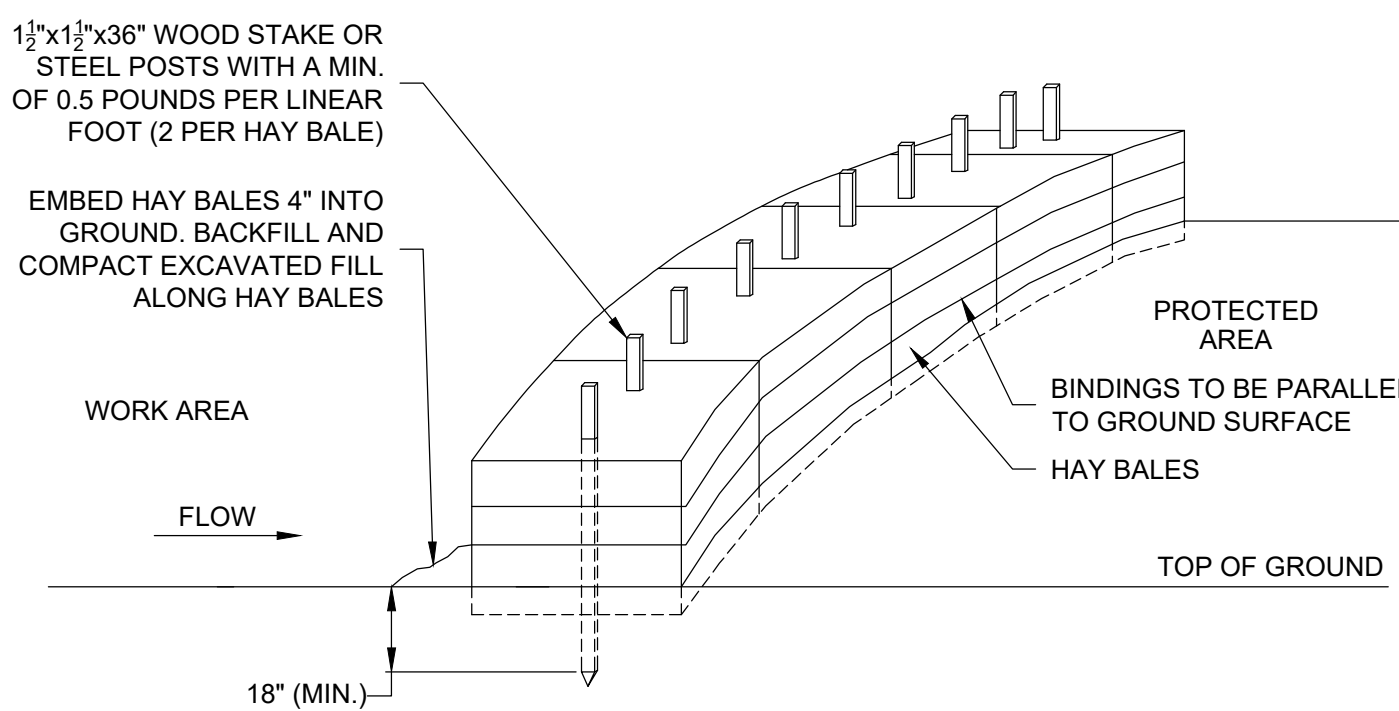
**NOTE:** LOCATION TO BE DETERMINED IN THE FIELD BY THE CONSTRUCTION ADMINISTRATOR

**NOTES:**

1. CONSTRUCT WASHOUT AREA LARGE ENOUGH TO ENSURE MATERIALS WILL BE CONTAINED WHERE WASTE CONCRETE CAN SOLIDIFY IN PLACE AND EXCESS WATER CAN SAFELY EVAPORATE.
2. WASHOUT AREA SHALL BE LARGE ENOUGH TO RETAIN ALL LIQUID AND WASTE CONCRETE MATERIALS FROM WASHOUT OPERATION.
3. WEEKLY INSPECTIONS OF WASHOUT AREAS SHALL BE CONDUCTED TO ASSESS THE HOLDING CAPACITY AND FUNCTIONALITY OF THE WASHOUT AREA.

**TEMPORARY CONCRETE WASHOUT AREA (CWA)**

N.T.S.

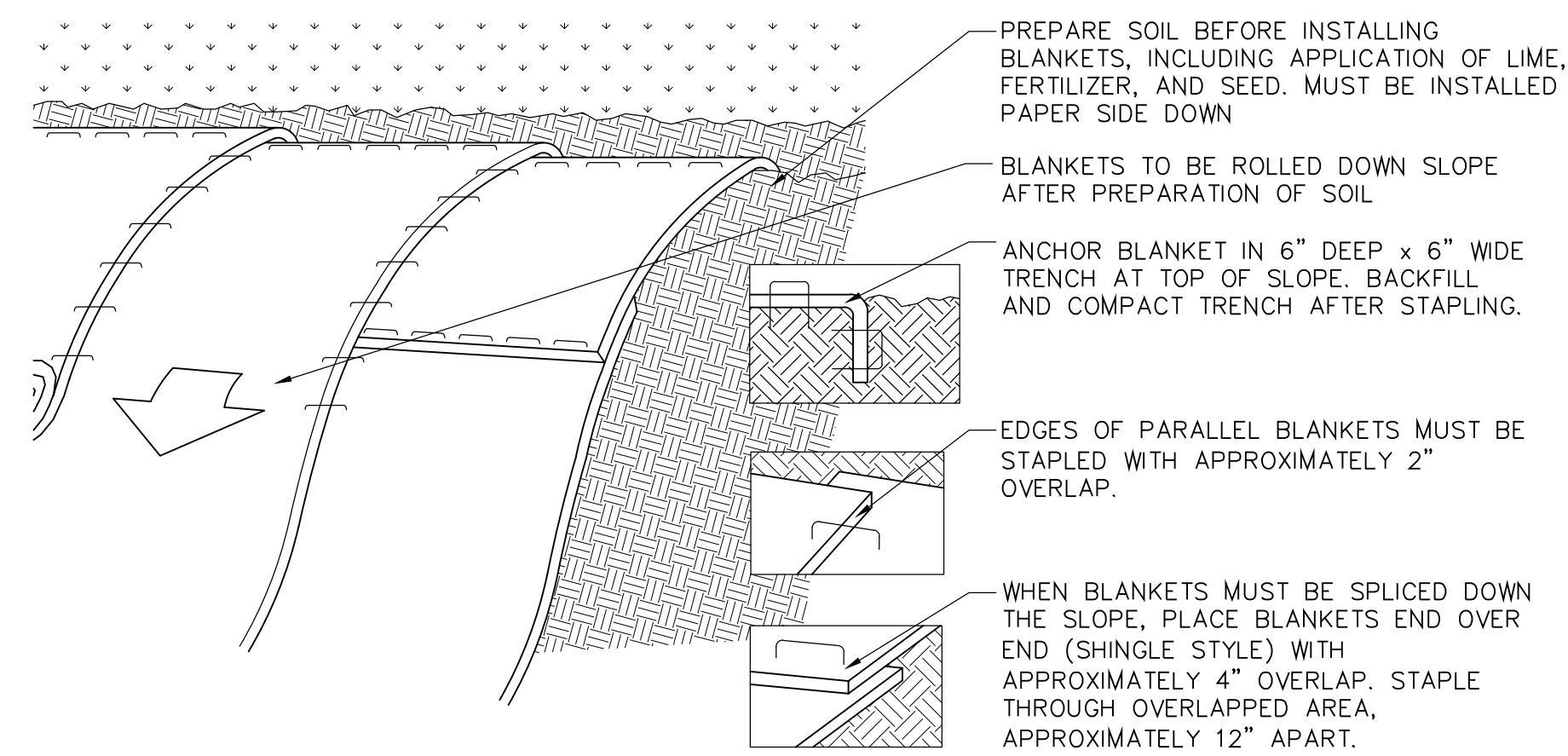


**NOTES:**

1. HAY BALES SHALL BE MADE OF HAY OR STRAW WITH 40 POUND MIN. WEIGHT AND 120 POUND MAX. WEIGHT HELD TOGETHER BY TWINE OR WIRE.
2. PLACE HAY BALES ON CONTOUR AND WING THE LAST HAY BALES UP SLOPE SO THAT THE TOP OF THE LAST SEVERAL HAY BALES ARE HIGHER THAN THE LINE OF HAY BALES.
3. DRIVE FIRST STAKE IN EACH BALE TOWARD THE PREVIOUSLY LAID BALE TO FORCE THEM TOGETHER.
4. PUT ONE HAY BALE PERPENDICULAR ALONG HAY BALE BARRIER EACH 100 FEET.

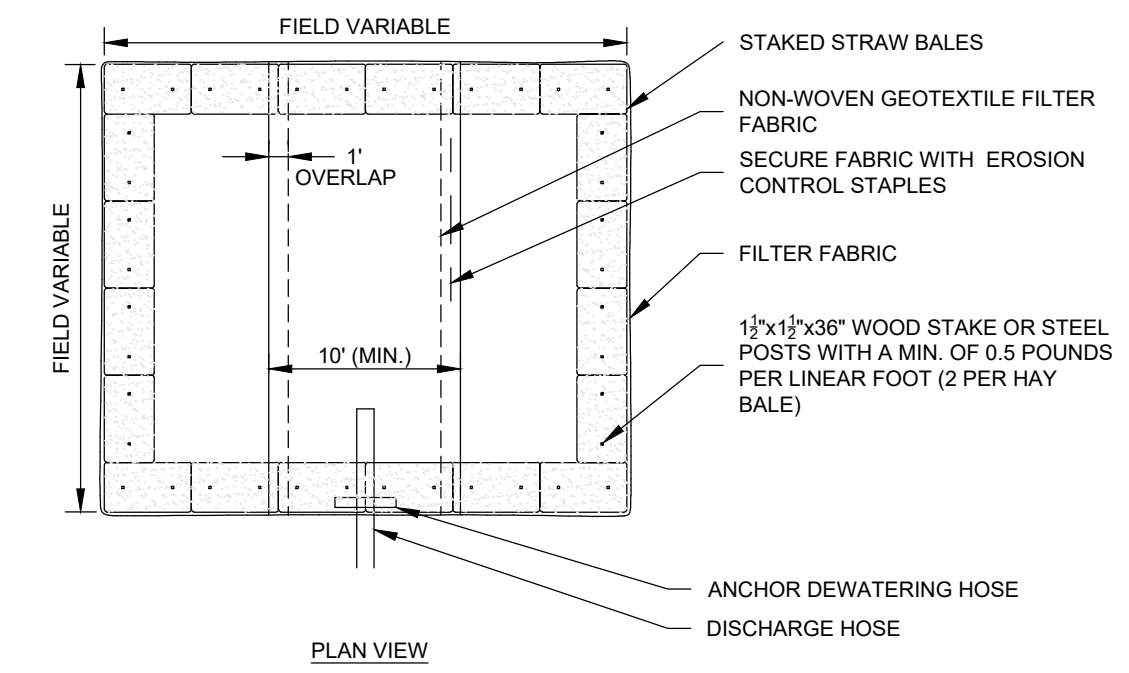
**HAY BALE BARRIER (HB)**

N.T.S.



**SLOPE STABILIZATION USING EROSION CONTROL BLANKET (ECB)**

N.T.S.

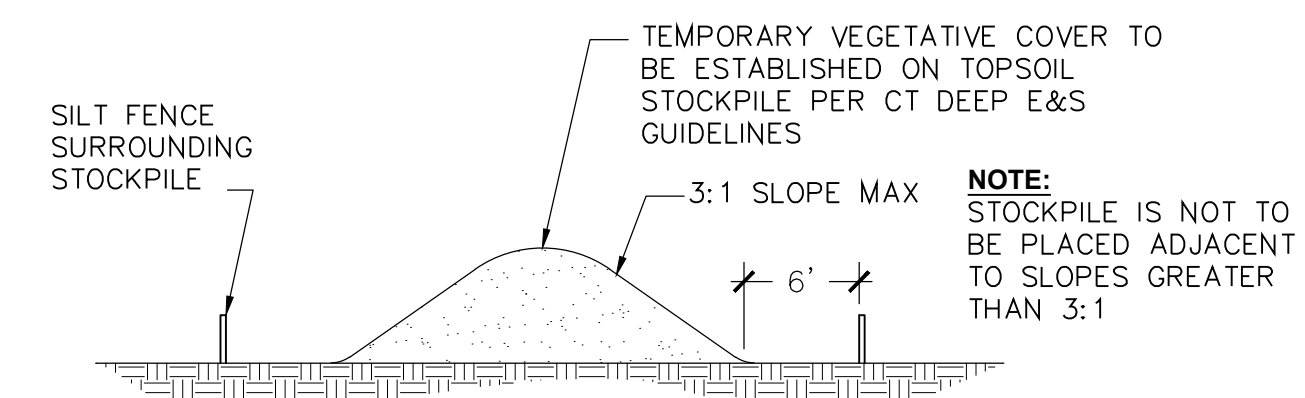


**GENERAL NOTES:**

1. NUMBER OF BALES MAY VARY DEPENDING ON SITE CONDITIONS.
2. THE BASIN TO BE SIZED ACCORDING TO: CUBIC FEET OF STORAGE = PUMP DISCHARGE RATE (gpm) x 16.
3. SIZE SHOWN ON PLANS SHALL BE ADJUSTED AS REQUIRED FOR THE ACTUAL PUMPING RATE.

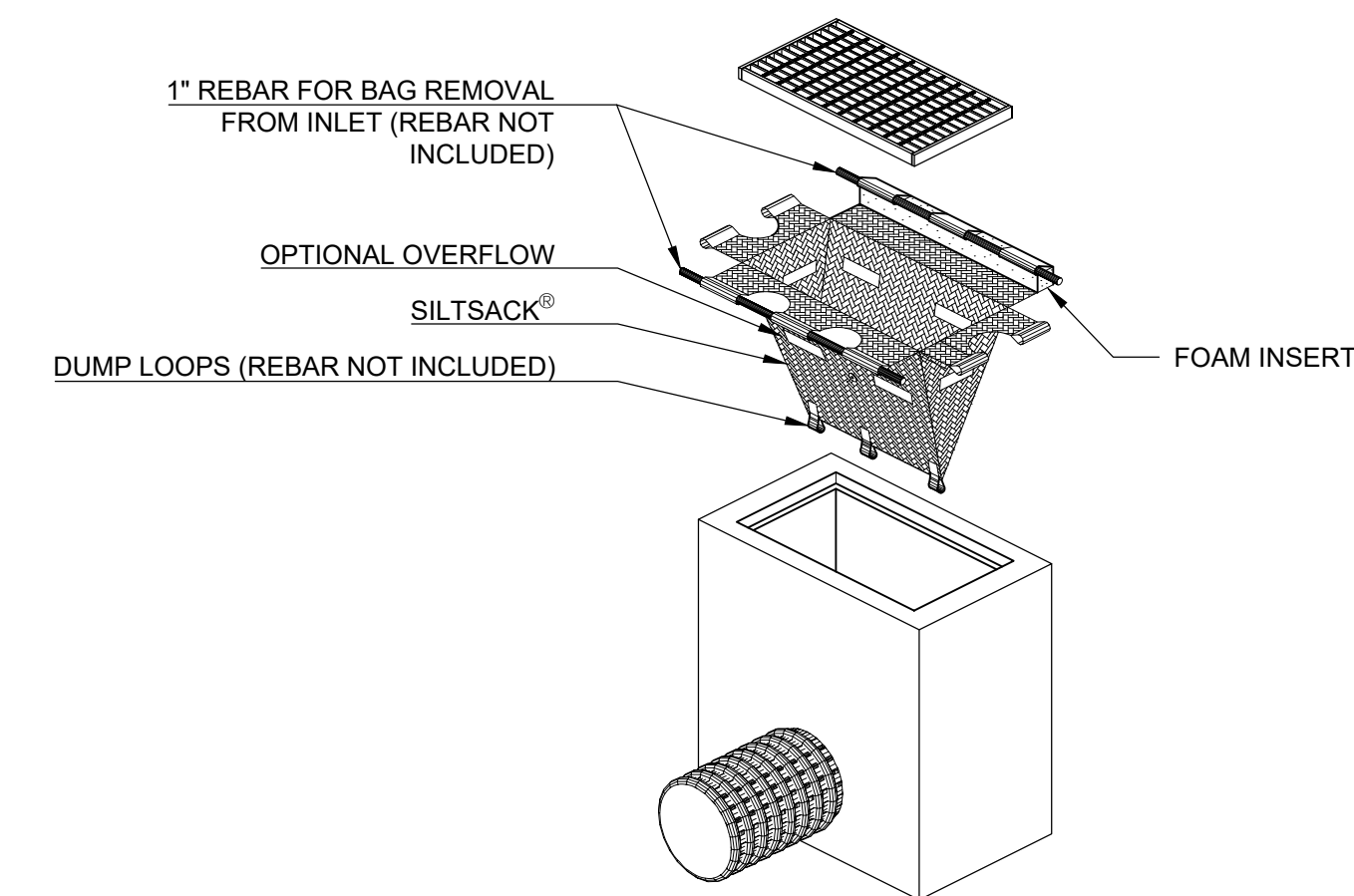
**DEWATERING STRAW BALE BASIN**

SCALE: NONE



**TEMPORARY STOCKPILE (STK)**

N.T.S.



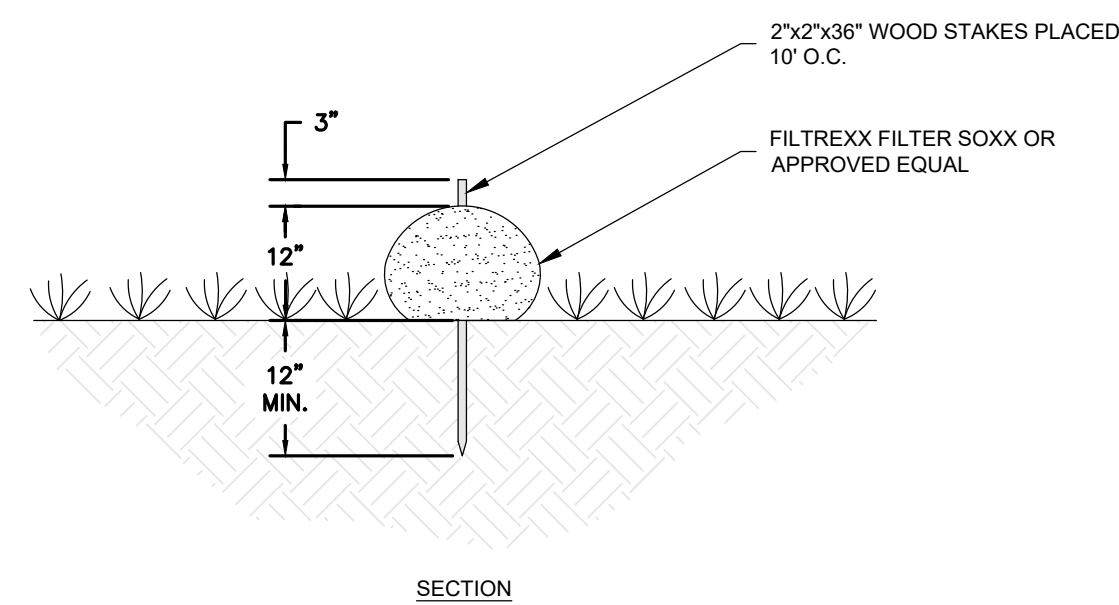
'SILTSACK' SEDIMENT CONTROL DEVICE, TERRAFIX GEOSYNTHETICS INC. TORONTO, ONTARIO, CA WWW.TERRAFIXGEO.COM

**SILT SACK DETAIL (SS)**

N.T.S.

**CONSTRUCTION ENTRANCE (CE)**

N.T.S.



**FILTER SOCK**

N.T.S.

DATE:	REVISION:

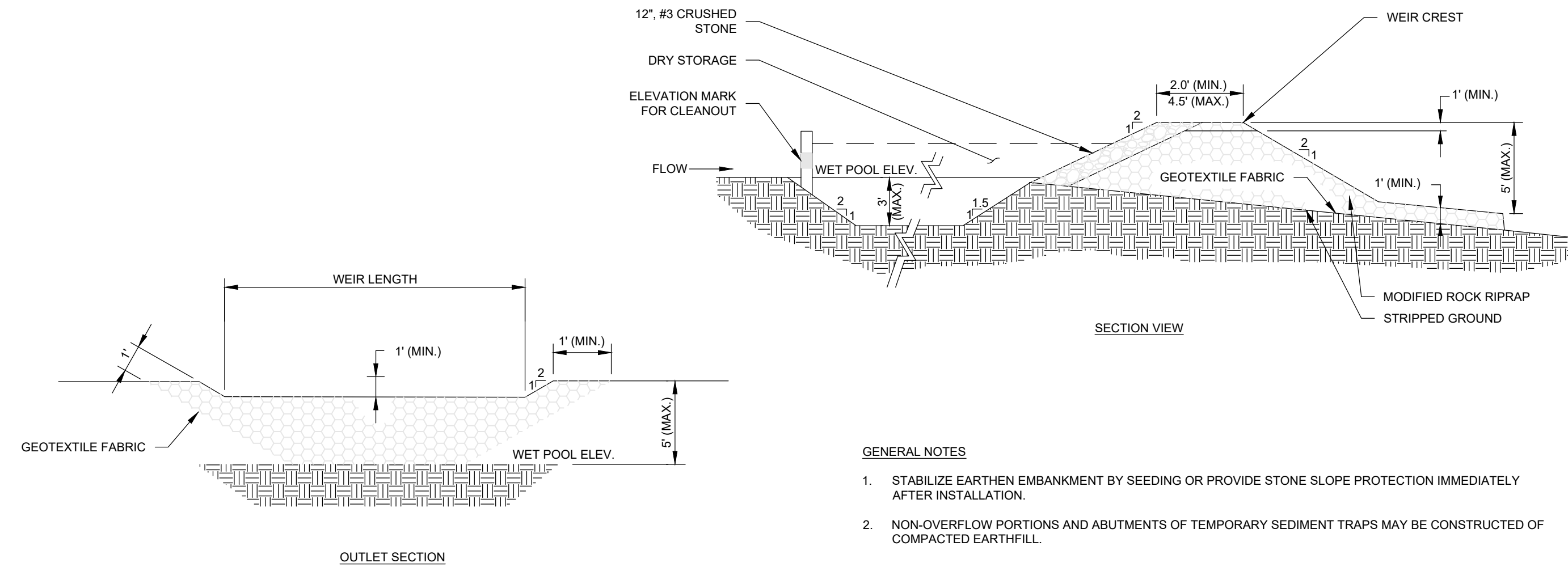
KEY PLAN

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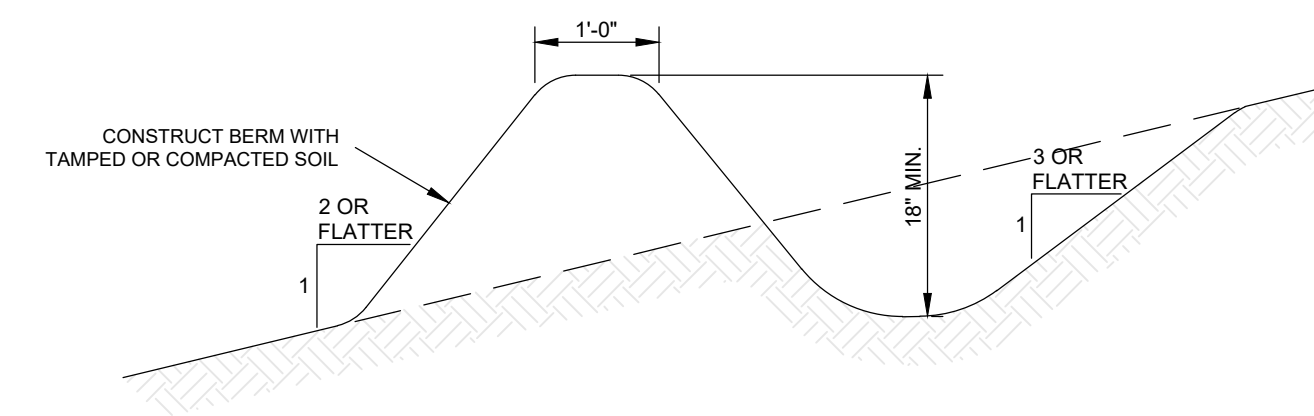
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**EROSION &  
 SEDIMENTATION  
 CONTROL DETAILS**



**TEMPORARY SEDIMENT TRAP**  
 SCALE: NONE

- GENERAL NOTES**
1. STABILIZE EARTHEN EMBANKMENT BY SEEDING OR PROVIDE STONE SLOPE PROTECTION IMMEDIATELY AFTER INSTALLATION.
  2. NON-OVERFLOW PORTIONS AND ABUTMENTS OF TEMPORARY SEDIMENT TRAPS MAY BE CONSTRUCTED OF COMPACTED EARTHFILL.



- GENERAL NOTES**
1. INSTALL TEMPORARY DIVERSION SWALES TO CHANNEL WATER FROM DISTURBED AREAS TO THE TEMPORARY SEDIMENT BASIN. ADJUST SWALE LOCATIONS AS NECESSARY PER CHANGING SITE CONDITIONS.
  2. CONTRIBUTING DRAINAGE AREA MUST NOT EXCEED ONE ACRE.

**TEMPORARY DIVERSION SWALE**  
 SCALE: NONE

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**SITE PREPARATION NOTES:**

- CONTRACTOR SHALL NOTIFY "CALL BEFORE YOU DIG" (1-800-922-4455) AND VERIFY UTILITY MARK-OUT WITH THE OWNER PRIOR TO THE INITIATION OF ANY SITE DISTURBANCE.
- THE CONTRACTOR IS SOLELY RESPONSIBLE FOR VERIFICATION OF THE LOCATION AND NATURE OF ALL SUBSURFACE UTILITIES AT THE PROJECT WHICH MAY BE AFFECTED BY THE WORK. COORDINATE WITH RESPECTIVE UTILITY OWNERS AND PERFORM VERIFICATION OF TYPE, LOCATION, AND INVERTS AS REQUIRED.
- PROTECT ALL IMPROVEMENTS NOT INCLUDED WITHIN THE LIMITS OF WORK. ANY IMPROVEMENT WHICH IS DAMAGED SHALL BE REPAIRED OR REPLACED IN-KIND TO THE OWNER'S SATISFACTION.
- DURING DEMOLITION, PROTECT ALL ADJACENT CURBING, SIDEWALKS, RAMPS, ABOVE-GRADE AND BELOW-GRADE UTILITIES, DRAINAGE STRUCTURES, LIGHT BASES, AND OTHER IMPROVEMENTS POTENTIALLY AFFECTED BY THE WORK. CLEARLY DELINEATE THE LIMITS OF WORK AND MARK, BARRICADE, OR OTHERWISE IDENTIFY THOSE IMPROVEMENTS THAT ARE TO BE PROTECTED AND/OR AVOIDED. ANY IMPROVEMENT WHICH IS DAMAGED SHALL BE REPAIRED OR REPLACED IN-KIND TO THE OWNER'S SATISFACTION.
- THE LOCATIONS OF EXISTING SITE FEATURES AS SHOWN HAVE BEEN OBTAINED FROM MAPS, SURVEYS, FIELD INSPECTIONS, AND OTHER AVAILABLE INFORMATION. THEY MUST BE CONSIDERED APPROXIMATE BOTH TO LOCATION, SIZE, AND AS-BUILT CONDITION AND ARE PROVIDED FOR INFORMATIONAL PURPOSES ONLY. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR DETERMINING ACTUAL FIELD CONDITIONS.
- THE DIMENSIONS SHOWN ON THE PLANS, INCLUDING THE INTENDED DIMENSIONS OF THE WORK, MAY VARY FROM ACTUAL EXISTING CONDITIONS IN THE FIELD. THE CONTRACTOR SHALL TAKE APPROPRIATE MEASUREMENTS TO VERIFY ALL DIMENSIONS SHOWN ON THE DRAWINGS AS WELL AS OTHER DIMENSIONS HE MAY DEEM APPROPRIATE TO FACILITATE THE COMPLETION OF THE WORK. NOTIFY THE ENGINEER OF ANY DISCREPANCIES BETWEEN EXISTING CONDITIONS AND THE CONTRACT DOCUMENTS BEFORE PROCEEDING WITH THAT PORTION OF THE WORK.
- IMPLEMENTING WORKER SAFETY AND/OR HEALTH PROTOCOLS THAT ADDRESS COMPLIANCE WITH RULES, LAWS, AND REGULATIONS PERTAINING TO CONSTRUCTION SAFETY AND/OR THE POTENTIAL AND/OR ACTUAL RISK OF EXPOSURE TO SITE-SPECIFIC PHYSICAL OR CHEMICAL HAZARDS IS SOLELY THE RESPONSIBILITY OF THE CONTRACTOR.
- PRIOR TO THE TERMINATION, ABANDONMENT, OR REMOVAL OF ANY UTILITY, VERIFY THAT APPLICABLE NOTIFICATIONS HAVE BEEN MADE TO THE UTILITY OWNER/OPERATOR AND THAT THE UTILITY HAS BEEN PROPERLY TERMINATED, CAPPED, OR PLUGGED AS REQUIRED.
- PROVIDE PAVEMENT SAWCUT AT THE EDGE OF EACH PAVEMENT REMOVAL AREA TO ESTABLISH A CLEAN EDGE WHERE NEW WORK WILL MEET EXISTING PAVEMENT. SAWCUT SHALL BE A MINIMUM OF 12 INCHES FROM EDGE OF PAVEMENT REMOVAL.
- UNLESS OTHERWISE INDICATED, ALL DISTURBED AREAS SHALL BE RESTORED WITH SIX (6) INCHES OF LOAM, SEEDED, FERTILIZED, AND MULCHED. PROVIDE ADDITIONAL EROSION CONTROLS AS REQUIRED.
- ALL SIDEWALK CLOSURES AND MEASURES FOR TEMPORARY PEDESTRIAN ACCESS, SIDEWALKS, CROSSINGS, AND BIKE LANES SHALL MEET THE APPROVAL OF THE TOWN OF LEDYARD.

**EROSION AND SEDIMENTATION CONTROL NARRATIVE:**

**PER STATE OF CONNECTICUT**  
ALL APPLICABLE PRACTICES RECOMMENDED BY THE 2002 CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL AS AMENDED.

**DESCRIPTION**

THE PROJECT CONSISTS OF REDEVELOPING AN EXISTING ANIMAL SHELTER. THE EXISTING SITE CONSISTS OF PARKING LOTS, ACCESS DRIVES, AND WOODED AND MOUNDED AREAS. THE PROPOSED REDEVELOPMENT CONSISTS OF A NEW BUILDING, DOG ROOMS, NEW PARKING, STORM AND UTILITY UPGRADES, AND LANDSCAPING ENHANCEMENTS.

**DESIGN AND CRITERIA**

NOTE: THE CONTRACTOR SHALL NAME ONE INDIVIDUAL AS HIS SEDIMENT AND EROSION CONTROL SUPERVISOR WHOSE PRIMARY RESPONSIBILITY WILL BE THE MAINTENANCE OF ALL ON-SITE EROSION CONTROL MEASURES. HE WILL KEEP A DAILY LOG OF HIS ACTIVITIES AND AN UPDATED SCHEDULE OF PROPOSED CONSTRUCTION ACTIVITIES. THE LOG WILL BE MADE AVAILABLE TO INSPECTORS.

- A. GEOTEXTILE SILT FENCE (SF)** - SHALL BE NON-WOVEN MATERIAL, MINIMUM 36" HIGH AND FASTENED TO WOOD STAKES. SILT FENCE SHALL BE INSTALLED WITH END RUNS TURNED UP GRADE AT 45 DEGREES FOR A DISTANCE OF 10 FEET (SEE DETAIL THIS SHEET).
- B. TEMPORARY SEEDING (TS)**
  - CONTRACTOR SHALL SCARIFY THE SOIL TO A DEPTH OF 2" BEFORE APPLYING FERTILIZER, LIMESTONE AND SEED.
  - SEED MAY BE APPLIED BY HAND OR MECHANICALLY. SEED APPLICATION SHALL BE UNIFORM. SEED RATE SHALL BE IN ACCORDANCE WITH THE 2002 CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL AS AMENDED (INCREASE SEEDING RATES BY 10% WHEN HYDROSEEDING, LIMESTONE, FERTILIZER AND SEED MAY BE APPLIED IN SLURRY.)
  - CONTRACTOR SHALL MULCH AREA (MS) IMMEDIATELY FOLLOWING SEEDING. (NOTE: IN THE EVENT SEEDING OPERATIONS ARE NOT FEASIBLE DUE TO SEASONAL RESTRICTIONS OR EXTENDED INCLEMENT WEATHER PATTERNS, THE CONTRACTOR SHALL INSTALL AN EROSION CONTROL BLANKET OVER EXPOSED SOILS.)
- C. PERMANENT SEEDING (PS)**
  - CONTRACTOR SHALL APPLY TOPSOIL AND FINE GRADE ALL AREAS BEFORE THE APPLICATION OF PERMANENT SEED. APPLY LIMESTONE AND FERTILIZER AS NEEDED, IN ACCORDANCE WITH SOIL TESTS.
  - REMOVE ALL SURFACE STONES 1/2 INCH AND LARGER. REMOVE ALL OTHER DEBRIS AND RAKE SEED BED.
  - APPLY SEED WITHIN 7 DAYS AFTER ESTABLISHING FINAL GRADES. SEE PLANTING PLAN.
- D. STRAW BALE BARRIER (HB)** - SHALL BE MADE OF STRAW WITH 40 POUNDS MINIMUM WEIGHT AND 120 POUNDS MAXIMUM WEIGHT, HELD TOGETHER BY TWINE OR WIRE. (SEE DETAIL THIS SHEET.)
- E. CONSTRUCTION ENTRANCE (CE)** - SHALL BE AN ANGULAR STONE PAD, A MINIMUM OF 12' WIDE AND 50' LONG. (SEE DETAIL THIS SHEET.)
- F. EROSION CONTROL BLANKET (ECB)** - EROSION MAT SHALL BE PLACED ON ALL EXPOSED CUT/FILL SLOPES STEEPER THAN 3:1 (INCLUDING SWALES & DITCHES) TO PROTECT AGAINST RAINFALL AND HOLD MOISTURE CONTENT TO ENHANCE VEGETATION GROWTH IN SEEDED AREAS. MAT (OR BLANKETS) SHALL BE STRAW OR STRAW/COCONUT FIBER COMBINATION SEWN TOGETHER WITH LIGHTWEIGHT NETTING. USE NORTH AMERICAN GREEN. S150 - SLOPES UP TO 3:1, SC150-SLOPES FROM 3:1 UP TO 2:1 OR GREATER. TEMPORARY HAY MULCH TO BE APPLIED TO AREAS LESS THAN 3:1 SLOPE AND ALL AREAS TO BE LEFT BARREN OVER THE WINTER, MULCH RATE TO BE 70 POUNDS/1000 S.F.

**APPLICATION/GENERAL PROCEDURES**

- SOIL EROSION AND SEDIMENT CONTROL MEASURES WILL BE INSTALLED PRIOR TO ANY SITE DISTURBANCE, AND DEVELOPMENT WILL PROCEED ACCORDING TO A SPECIFIC CONSTRUCTION SEQUENCE. THE OBJECTIVE IS TO MAXIMIZE THE REDUCTION OF SEDIMENT-LOADED RUNOFF THROUGH IMPLEMENTATION OF CONVENTIONAL SOIL SEDIMENTATION AND EROSION CONTROL PRACTICES CURRENTLY RECOMMENDED BY THE 2002 CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL.
- A. EARTHWORK WILL BE SCHEDULED FOR PERIODS WHEN SOIL SATURATION IS LOW AND SOIL LOSS HAZARD IS AT A MINIMUM.
  - B. SUSPEND EARTHWORK FOR MAJOR STORM EVENTS AND IMPLEMENT ADDITIONAL SEDIMENTATION AND EROSION CONTROL MEASURES AS NECESSARY.
  - C. THERE SHALL BE NO CUTS OR FILL LEFT EXPOSED FOR LONGER THAN 30 DAYS. THE ESTABLISHED PROCEDURE OF TEMPORARILY SEEDING AND/OR COVER WITH EROSION PROTECTION (MAT OR STRAW) SHALL BE FOLLOWED TO INSURE MINIMAL SOIL LOSS.
  - D. THE DISCHARGE OF UNTREATED STORMWATER TO ANY ADJACENT ROADWAYS, DRAINAGE INLETS, OR PROPERTIES IS NOT ALLOWED.

**EROSION AND SEDIMENT CONTROL NOTES:**

- THIS PLAN IS FOR EROSION AND SEDIMENTATION (E&S) CONTROL ONLY. SEE OTHER PLANS FOR THE SCOPE OF CONSTRUCTION WORK.
- THE MEASURES SPECIFIED HEREON ARE THE MINIMUM REQUIREMENTS FOR E&S CONTROL AND ARE SHOWN IN GENERAL SIZE AND LOCATION ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT ALL E&S CONTROL MEASURES ARE CONFIGURED AND CONSTRUCTED IN A MANNER THAT WILL MINIMIZE EROSION OF SOILS AND PREVENT THE TRANSPORT OF SEDIMENTS AND OTHER POLLUTANTS TO ANY RESOURCE AREAS. ALL EROSION CONTROLS SHALL BE INSTALLED PRIOR TO ANY SITE WORK. CONTROLS SHOULD BE INSPECTED WEEKLY AND AFTER EACH RAINFALL. EXCAVATED MATERIAL SHOULD NOT BE DISPOSED OF IN THE WETLAND AREA. PROVIDE ADDITIONAL E&S MEASURES AS REQUIRED TO CONTROL EROSION AND SILTATION THROUGHOUT THE DURATION OF THE CONSTRUCTION AS CONDITIONS DICTATE AND/OR AS DIRECTED BY THE OWNER OR THE ENGINEER.
- MONITOR AND INSPECT ALL E&S MEASURES IN AN ONGOING MANNER THROUGHOUT THE WORK AND TAKE CORRECTIVE MEASURES, AS REQUIRED, TO MINIMIZE EROSION OF SOILS AND PREVENT THE TRANSPORT OF SEDIMENTS AND OTHER POLLUTANTS TO ANY RESOURCE AREAS.
- ANY EROSION AND SEDIMENTATION MEASURE IMPLEMENTED BEYOND THAT SHOWN HEREON SHALL CONFORM TO APPLICABLE SECTIONS OF THE STATE OF CONNECTICUT'S 2002 "CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL."
- ANY STOCKPILED MATERIAL SHALL BE SUBJECT TO EROSION CONTROL MEASURES THAT INCLUDE A MINIMUM OF SILT FENCE OR HAY BALE BARRIER. COVER STOCKPILES IF SIGNIFICANT RAINFALL IS PREDICTED.
- PROVIDE TEMPORARY SEEDING WITH MULCH ON ALL EXPOSED SOIL AREAS WHERE WORK WILL BE SUSPENDED FOR LONGER THAN 30 DAYS. APPLY SEED AND MULCH WITHIN THE FIRST 7 DAYS OF SUSPENDING WORK. WHEN SEEDING IS NOT POSSIBLE DUE TO SEASONAL WEATHER CONDITIONS OR OTHER FACTORS, PROVIDE TEMPORARY STRUCTURAL SOIL PROTECTION SUCH AS MULCH, WOODCHIPS, EROSION CONTROL MATTING, OR COMPOST.
- ALL TEMPORARY SLOPES IN EXCESS OF 3 (HORIZONTAL) TO 1 (VERTICAL) SHALL BE STABILIZED WITH EROSION CONTROL MATTING OR APPROVED EQUIVALENT.
- NO RUNOFF SHALL BE ALLOWED TO ENTER ANY STORMWATER SYSTEM OR EXIT THE SITE PRIOR TO TREATMENT FOR SEDIMENT REMOVAL.
- THE CONTRACTOR SHALL MAINTAIN A CLEAN CONSTRUCTION SITE AND SHALL NOT ALLOW THE ACCUMULATION OF RUBBISH OR CONSTRUCTION DEBRIS. ALL TRASH SHALL BE CLEANED ON A DAILY BASIS AND THE SITE SHALL BE LEFT IN A NEAT CONDITION AT THE END OF EACH WORK DAY.
- TAKE ALL NECESSARY PRECAUTIONS TO AVOID THE SPILLAGE OF FUEL OR OTHER POLLUTANTS AND ADHERE TO ALL APPLICABLE POLICIES AND REGULATIONS RELATED TO SPILL PREVENTION, CONTROL, AND RESPONSE.
- FOR DUST CONTROL, PERIODICALLY MOISTEN EXPOSED SOIL SURFACES WITH WATER AND MAINTAIN ADEQUATE MOISTURE LEVELS.
- SWEEP ADJACENT ROADWAYS IF MUD OR SOIL IS TRACKED ON TO THEM, OR AS DIRECTED BY THE ENGINEER.
- ALL SEDIMENTATION AND EROSION CONTROL MEASURES SHALL BE INSTALLED BY THE PERMITTEE AND INSPECTED BY THE TOWN ENGINEER AND/OR THE WETLANDS ENFORCEMENT OFFICER / DULY AUTHORIZED AGENT; ADDITIONAL OR SUPPLEMENTAL CONTROLS MAY BE REQUIRED. THE PERMITTEE SHALL MAINTAIN THE CONTROLS DURING AND AFTER CONSTRUCTION AND REMOVE THEM UPON SITE STABILIZATION OF THE AFFECTED AREA.
- AN ANTI-TRACKING APRON SHALL BE INSTALLED AT THE SITE ACCESS DRIVE AT A LOCATION APPROVED BY THE TOWN ENGINEER, WITH 6 INCHES OF CRUSHED STONE (SIZED 1 1/2" TO 3") UNDERLAIN WITH CONSTRUCTION FRAME SPREAD TO THE TRAVELED WIDTH AND 40 FEET IN LENGTH OR WITH APRON MATS. THE APRON SHALL BE MAINTAINED AT ALL TIMES.
- THE PERMITTEE AND THEIR CONTRACTOR SHALL MEET WITH AGENCY STAFF, INCLUDING BUT NOT LIMITED TO THE WETLANDS ENFORCEMENT OFFICER / DULY AUTHORIZED AGENT AND TOWN ENGINEER, TO REVIEW THE CONDITIONS OF THIS APPROVAL AND THE CONSTRUCTION PROGRAM TO BE UTILIZED TO IMPLEMENT THE APPROVED REGULATED ACTIVITY.
- THE WETLANDS ENFORCEMENT OFFICER / DULY AUTHORIZED AGENT SHALL BE NOTIFIED IN WRITING FORTY-EIGHT (48) HOURS PRIOR TO THE START OF CONSTRUCTION.
- DURING THE DURATION OF THIS APPROVAL, THE CHAIRMAN OF THE AGENCY OR THE WETLANDS ENFORCEMENT OFFICER / DULY AUTHORIZED AGENT SHALL HAVE PERMISSION TO ENTER UPON THE SUBJECT PROPERTY AT REASONABLE TIMES FOR THE PURPOSE OF VIEWING AND INSPECTING THE CONDUCT OF THE APPROVED REGULATED ACTIVITY.
- NO WORK OTHER THAN MAINTENANCE OF SEDIMENT AND EROSION CONTROL SHALL BE PERFORMED DURING SIGNIFICANT RAINFALL OF ONE (1) INCH OR MORE WITHIN A TWENTY-FOUR (24) HOUR PERIOD. ALL WORK SHALL BE PERFORMED BETWEEN 8:00 AM AND 5:00 PM, MONDAY THROUGH FRIDAY. NO WORK MAY BE CONDUCTED ON LEGAL HOLIDAYS OR WEEKENDS WITHOUT THE EXPRESSED APPROVAL OF THE AGENCY.
- UPON COMPLETION OF THE REGULATED ACTIVITY APPROVED HEREIN, THE PERMITTEE SHALL NOTIFY THE WETLANDS ENFORCEMENT OFFICER / DULY AUTHORIZED AGENT FOR A FINAL INSPECTION AND CONFIRMATION OF SATISFACTORY COMPLETION AND COMPLIANCE WITH THE APPROVED SITE PLANS AND ALL STANDARD AND SPECIAL SUPPLEMENTAL CONDITIONS, REQUIREMENTS AND MODIFICATIONS OF THIS APPROVAL.

**SUGGESTED CONSTRUCTION SEQUENCE:**

- CONDUCT A PRE-CONSTRUCTION MEETING WITH THE OWNER AND ENGINEER PRIOR TO ANY CONSTRUCTION ACTIVITY.
- INSTALL CONSTRUCTION ENTRANCE(S) AND PLACE CATCH BASIN FILTER INSERTS IN EXISTING CATCH BASINS.
- INSTALL PERIMETER E&S CONTROLS AND REQUEST PRE-CONSTRUCTION INSPECTION FROM THE ENGINEER.
- REFER TO PHASING PLAN FOR SEQUENCE.
- REMOVE EXISTING PAVING AND CURBING.
- PERFORM BULK EARTHWORK OPERATIONS.
- BEGIN CONSTRUCTION OF BUILDING FOUNDATION.
- CONSTRUCT UTILITIES.
- BOX OUT PARKING LOT WITH IMPORTED BASE MATERIALS.
- CONSTRUCT BOTTOM COURSE OF BITUMINOUS PAVEMENT.
- CONSTRUCT LANDSCAPING AND OTHER SITE AMENITIES.
- CONSTRUCT CURBING AND TOP COURSE OF BITUMINOUS PAVEMENT.
- AT THE CONCLUSION OF CONSTRUCTION, COMPLETE THE INSTALLATION OF POST-CONSTRUCTION SITE STABILIZATION MEASURES AS SHOWN ON THE DRAWINGS.

**TEMPORARY E&S MEASURES MAINTENANCE SCHEDULE**

<u>E&amp;S MEASURE</u>	<u>MAINTENANCE MEASURES</u>	<u>SCHEDULE</u>
FILTER INSERTS IN DRAINAGE SYSTEM	CLEAN CATCH BASIN GRATE, REMOVE SEDIMENT/DEBRIS FROM FILTER INSERTS	WEEKLY & WITHIN 24 HOURS AFTER STORM GENERATING A DISCHARGE
HAY BALES/ SILT FENCE BARRIER	REPAIR/REPLACE WHEN FAILURE OBSERVED, REMOVE SILT WHEN ACCUMULATION REACHES APPROX. HALF HEIGHT OF BARRIER	WEEKLY & WITHIN 24 HOURS AFTER STORM GENERATING A DISCHARGE
CONSTRUCTION ENTRANCE	SWEEP PAVED ROADWAY ADJACENT TO SITE ENTRANCE AS NECESSARY, REFRESH STONE AS NECESSARY, REMOVE SILTED GRAVEL	WEEKLY
MOISTEN EXPOSED SOILS	PERIODICALLY MOISTEN EXPOSED SOIL SURFACES WITH WATER ON UNPAVED TRAVELWAYS AND KEEP TRAVELWAYS DAMP	DAILY
TEMPORARY SEDIMENT TRAP	CHECK AND REPAIR STONE OUTLET, CLEAN WHEN HALF FULL OF SEDIMENT (DEWATER IF NECESSARY), RESTORE TRAP TO ORIGINAL DIMENSIONS	WEEKLY & WITHIN 24 HOURS AFTER STORM GENERATING A DISCHARGE
TEMPORARY DIVERSION SWALE	REPAIR DAMAGED AREAS WITHIN 24 HOURS OF OBSERVED FAILURE	WEEKLY & WITHIN 24 HOURS AFTER STORM GENERATING A DISCHARGE. INSPECT DAILY WHEN CONSTRUCTION ACTIVITIES ARE IN CLOSE PROXIMITY

Prepared by:



Prepared for:



**THE LITTLE GUILD ANIMAL SHELTER**  
285 SHARON GOSHEN TURNPIKE WEST CORNWALL, CT

DATE:	REVISION:

KEY PLAN

FOR PERMITTING PURPOSES ONLY  
NOT FOR CONSTRUCTION

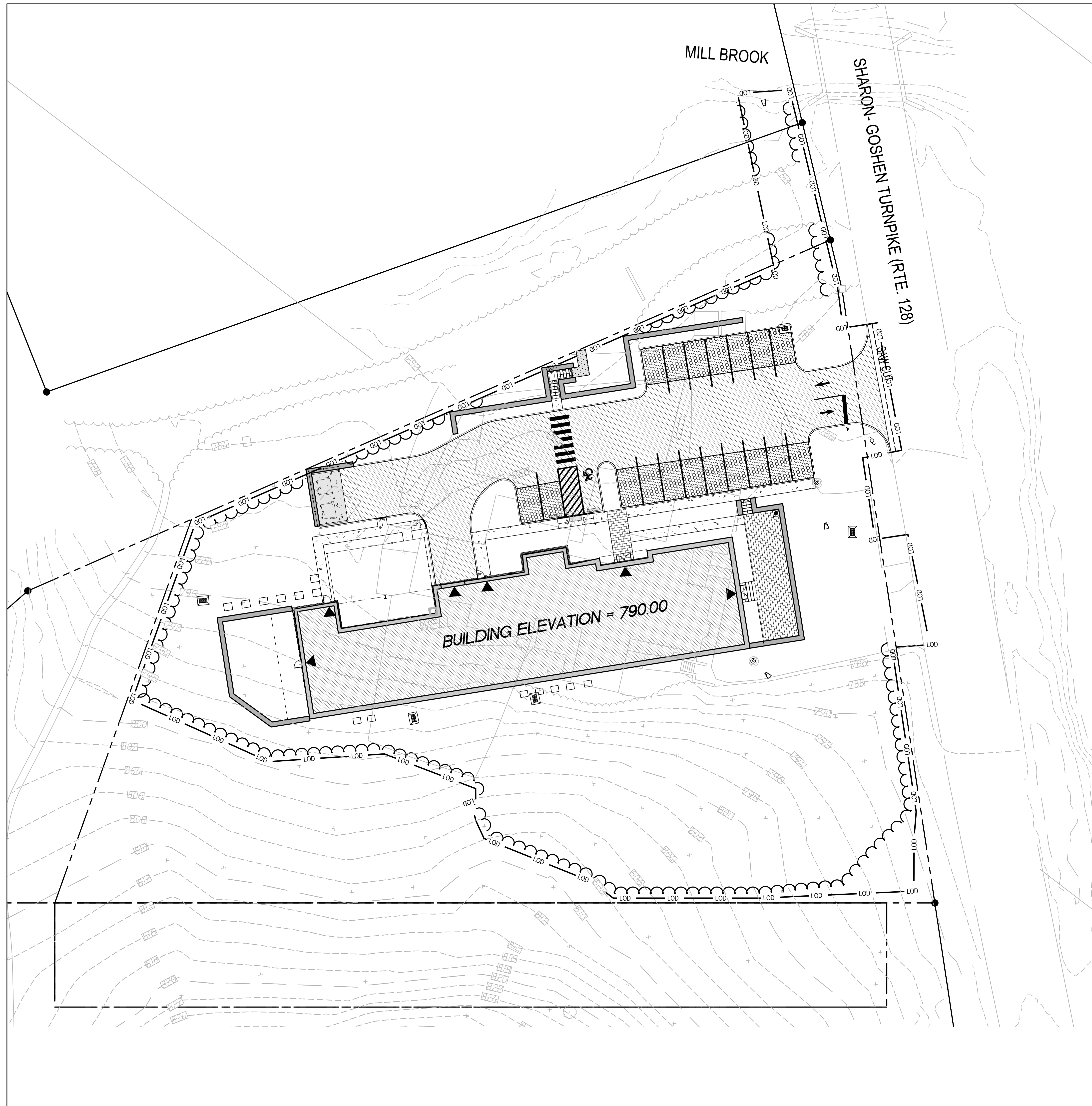


PROJECT NO.: 70819.00 DRAWN BY: ENB  
SCALE: AS SHOWN CHECKED BY: WGW  
DATE: 11/13/2023

**SITE PREPARATION NOTES**

DRAWING NO.:

**C-1.3**



**GENERAL SITE ABBREVIATIONS**

BIT.	BITUMINOUS
CLF	CHAIN LINK FENCE
CLL	CONTRACT LIMIT LINE
CONC.	CONCRETE
N.I.C.	NOT IN CONTRACT

**GENERAL SITE LEGEND**

-----	MATCH LINE
---CLL---	CONTRACT LIMIT LINE
---	PROPERTY LINE
---SAWCUT---	SAWCUT LINE
---	CURB
☐	CATCH BASIN
•	YARD DRAIN
☐	DRAIN INLET
•	BOLLARD
---	LIMIT OF DISTURBANCE
~~~~~	LIMITS OF TREE REMOVAL

**SITE LAYOUT LEGEND**

---	EXPANSION JOINT	⊗	X
---	EXPANSION JOINT AT FROST WALL	⊗	L50X
---	EXPANSION JOINT AT DEPRESSED SLAB	⊗	X
---	CONTRACTION JOINT	⊗	L50X
→	PAINTED TRAFFIC ARROWS		
♿	PAINTED HANDICAP SYMBOL		
Ⓢ	PARKING SPACE QUANTITY		
▭	WHEEL STOP		
▭	HANDICAP RAMP TYPE B	⊗	X
▭	STAIR OR RAMP PROFILE	⊗	L50X
---	CAST-IN-PLACE CONCRETE CURB	⊗	X
Ⓢ	FROST PAD	⊗	L50X
①	PERMEABLE PAVERS	⊗	X
②	BITUMINOUS CONCRETE DRIVE PAVEMENT	⊗	L50X
③	CONCRETE PAVEMENT	⊗	X
④	HEAVY DUTY CONCRETE PAVEMENT	⊗	L50X
⑤	CONCRETE PAVERS	⊗	X
⑥	STONE PAVING	⊗	L50X
⑦	STONE DUST WALK	⊗	X
⑧	WOOD MULCH	⊗	L50X

**SITE LAYOUT NOTES:**

- COORDINATE WORK ON THIS SHEET WITH ALL DRAWINGS PERTAINING TO SITE WORK IN THE CONTRACT DOCUMENT SET. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIM OR HERSELF FAMILIAR WITH THE FULL SET OF DOCUMENTS FOR ALL SITE RELATED ITEMS.
- LOCATION AND ALIGNMENT OF SITE IMPROVEMENTS SUCH AS FENCES, ETC. SHALL BE STAKED IN FIELD BY CONTRACTOR AND APPROVED BY THE LANDSCAPE ARCHITECT OR CONSTRUCTION MANAGER PRIOR TO CONSTRUCTION OF ANY AND ALL SUCH IMPROVEMENTS.
- ALL DIMENSIONS ARE TO THE NEAREST FOOT UNLESS OTHERWISE NOTED. ALL ANGLES ARE 90° UNLESS OTHERWISE NOTED. ALL PROPOSED RADII ARE 5' RADIUS UNLESS OTHERWISE NOTED. DIMENSIONS ARE TO THE FACE OF CURB OR WALLS AND TO CENTERLINES OF PAVEMENT MARKINGS, DOORS AND LIGHT POLES EXCEPT WHERE OTHERWISE INDICATED ON THIS PLAN.
- ALL PAVEMENT CUTS IN CONCRETE ARE TO THE NEAREST JOINT - CONCRETE WALK PAVEMENT LIMITS SHOWN ARE APPROXIMATE. CONTRACTOR SHALL INSTALL NEW WALK TO MATCH EXISTING TO THE GREATEST EXTENT POSSIBLE.

**SITE LAYOUT ABBREVIATIONS**

℄	CENTER LINE
DIA.	DIAMETER
EJ	EXPANSION JOINT
EQ.	EQUAL
MAX.	MAXIMUM
MIN.	MINIMUM
R	RADIUS
(TYP.)	TYPICAL CONDITION

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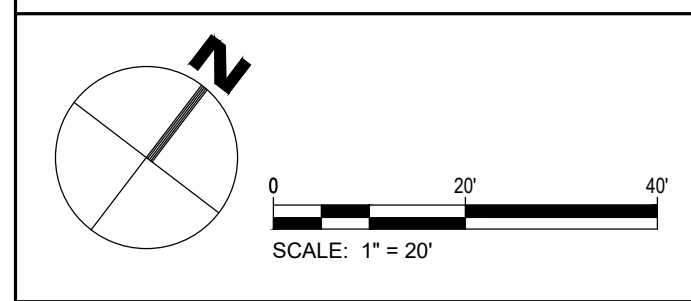
**THE LITTLE GUILD  
ANIMAL SHELTER**

285 SHARON GOSHEN TURNPIKE WEST CORNWALL, CT

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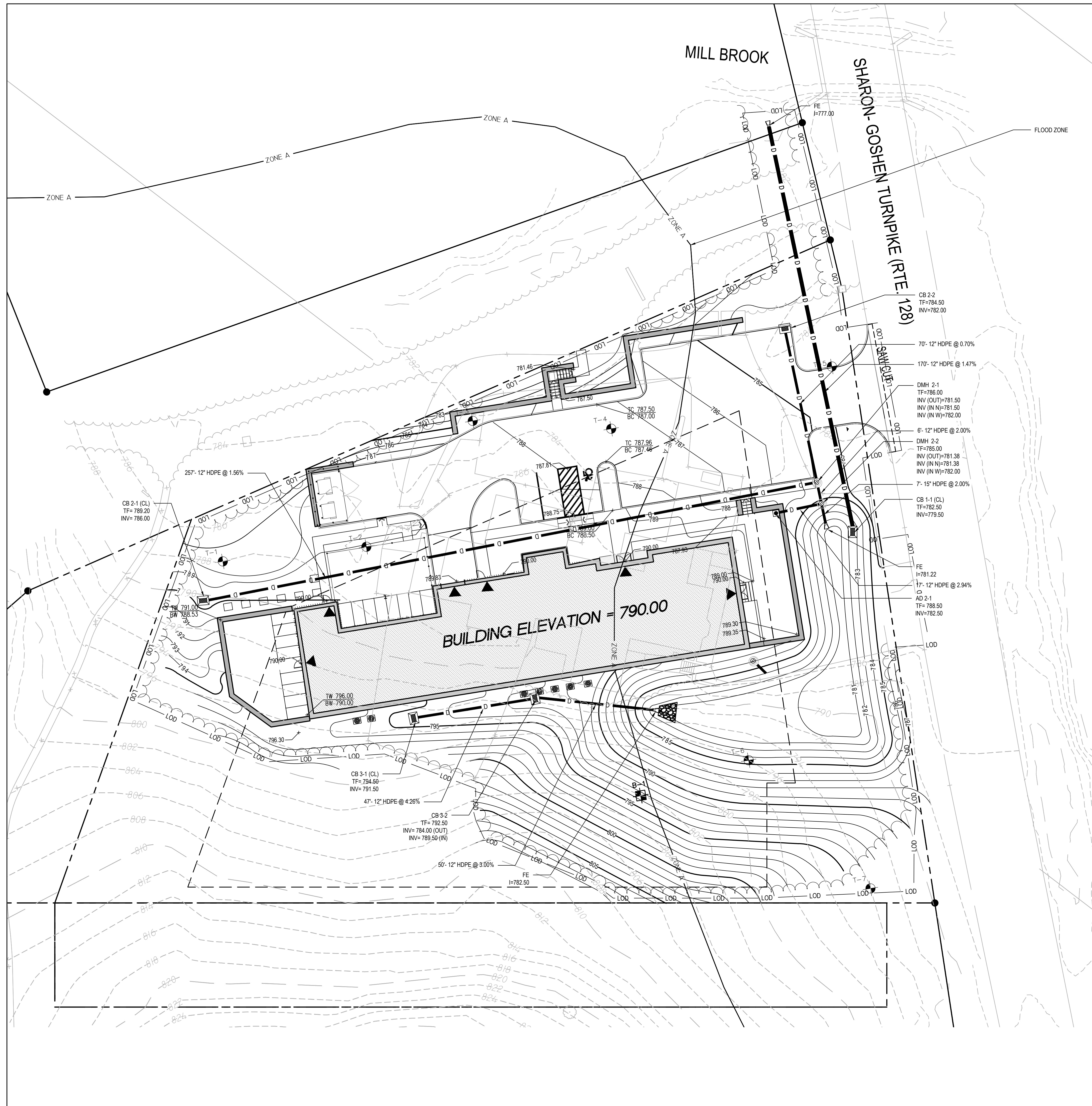
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**LAYOUT &  
MATERIALS  
PLAN**

DRAWING NO.:  
**C-2.0**



**GENERAL SITE LEGEND**

- MATCH LINE
- CONTRACT LIMIT LINE
- PROPERTY LINE
- SAWCUT LINE
- CURB
- ☐ CATCH BASIN
- YARD DRAIN
- ☐ DRAIN INLET
- BOLLARD
- ☐ LIGHT STANDARDS (SEE SITE ELECTRICAL PLANS)
- ☐ DECORATIVE LIGHT STANDARD
- LIGHT BOLLARD
- ☐ EMERGENCY PHONE (BLUE LIGHT)
- ☐ BENCH
- ☐ SIGN
- ☐ DUMPSTER (N.I.C)

**SITE GRADING LEGEND**

- DIRECTION OF SURFACE DRAINAGE FLOW
- PROPOSED INTERMEDIATE CONTOUR
- PROPOSED INDEX CONTOUR
- 123.45 → PROPOSED SPOT ELEVATION
- 123.45 → MATCH EXISTING SPOT ELEVATION
- FLUSH CONDITION
- ACCESSIBLE ROUTE
- ☐ TEST PIT LOCATION
- ☐ SOIL BORING LOCATION

**SITE GRADING ABBREVIATIONS**

- BC BOTTOM OF CURB
- BFE BASEMENT FLOOR ELEVATION
- BS BOTTOM OF STAIR
- BW BOTTOM OF WALL
- CB CATCH BASIN
- DI DRAIN INLET
- EL ELEVATION
- FFE FINISH FLOOR ELEVATION
- FLUSH FLUSH CONDITION
- HP HIGH POINT
- LP LOW POINT
- MEG MATCH EXISTING GRADE
- TC TOP OF CURB
- TF TOP OF FRAME
- TRC TRANSITION CURB
- TS TOP OF STAIR
- TW TOP OF WALL
- YD YARD DRAIN

- LOD LIMIT OF DISTURBANCE
- LIMITS OF TREE REMOVAL

**SITE GRADING NOTES**

1. COORDINATE WORK ON THIS SHEET WITH ALL DRAWINGS PERTAINING TO SITE. WORK IN THE CONTRACT DOCUMENT SET. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIM OR HERSELF FAMILIAR WITH THE FULL SET OF DOCUMENTS FOR ALL SITE RELATED ITEMS.
2. BLEND PROPOSED GRADES INTO EXISTING GRADES SMOOTHLY AND NEATLY. ALL SAWCUTS SHALL BE STRAIGHT AND CLEAN.
3. DISTURBED AREAS NOT INDICATED TO RECEIVE PAVEMENT OR OTHER TREATMENT SHALL BE SEEDED LAWN.
4. SEE SITE PLANTING PLANS FOR EXTENT AND REQUIRED DEPTH AND WIDTH OF CONTINUOUS PLANTING BEDS.
5. PRIOR TO FINAL ACCEPTANCE THE CONTRACTOR SHALL PUMP ALL ON-SITE DRAINAGE STRUCTURE SUMPS OF SILT AND DEBRIS.
6. ALL ACCESSIBLE ROUTES SHOWN ON PLAN SHALL BE A MAXIMUM OF 1:12 (AT RAMPS) OR 1:20 (ALL OTHER AREAS) IN THE DIRECTION OF TRAVEL WITH A MAXIMUM OF 1:50 CROSS SLOPE.

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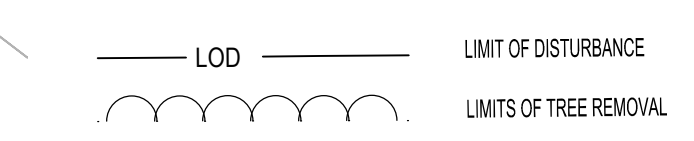
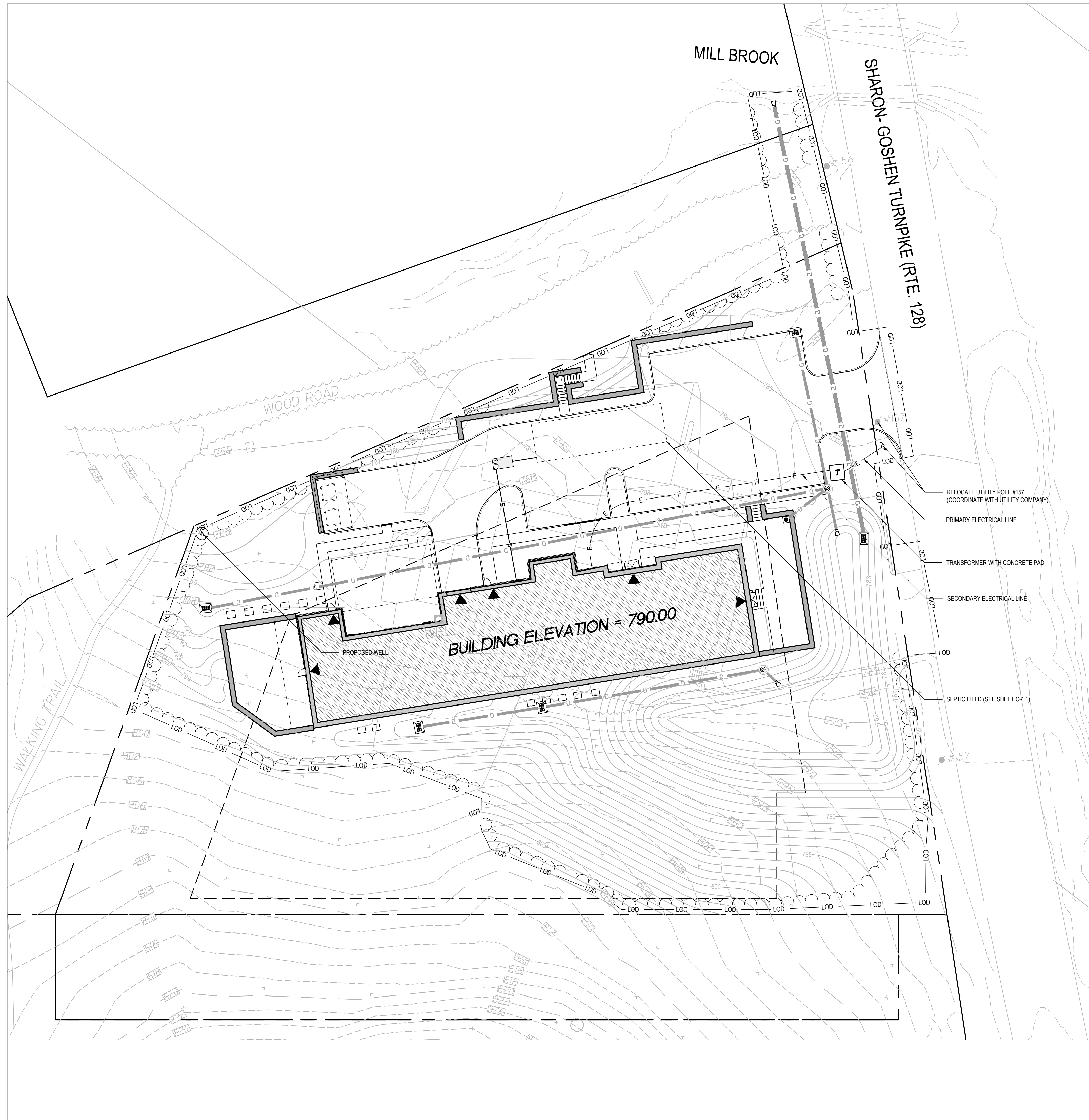
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SCALE: 1"=20' CHECKED BY: WGW  
DATE: 11/13/2023

**GRADING  
AND DRAINAGE PLAN**

DRAWING NO.:  
**C-3.0**





**UTILITY NOTES**

- SANITARY SEWER (PRIVATE SEPTIC SYSTEM)**
1. ALL SANITARY SEWER WORK TO COMPLY WITH CONNECTICUT DEPARTMENT OF PUBLIC HEALTH CODE (PHC) TITLE 19 (1966 AND UPDATED) AND THE SANITARY CODE OF THE STATE OF CONNECTICUT (1959 AND UPDATES) STANDARDS AND SPECIFICATIONS.
  2. ALL SANITARY LATERALS ARE TO BE 6" SDR-35 WITH A MIN. PITCH OF 1% AND 3.5 FT OF COVER UNLESS OTHERWISE NOTED.
  3. ALL SANITARY LATERALS ARE TO HAVE INTERNAL CLEANOUTS OR A CLEANOUT WITHIN 10 FT OF BUILDING FOOTPRINT.
  4. LOCATION OF SANITARY LATERALS AT BUILDING TO BE COORDINATED WITH PLUMBING DRAWINGS.
- CONTACT: TORRINGTON AREA HEALTH DISTRICT  
ROBERT RUBBO, DIRECTOR OF HEALTH  
350 MAIN STREET  
TORRINGTON, CT 06790  
DEPT. PHONE: (860) 489-0436  
DEPT. EMAIL: RRUBBO@TAHD.ORG
5. ANY GASKETS FOR SANITARY SEWER AND WATER PIPING IN CONTAMINATED SOILS SHALL BE NITRILE/BUNA-N.

**WATER SERVICE (PRIVATE WELL)**

1. ALL WATER SERVICE WORK TO COMPLY WITH CONNECTICUT DEPARTMENT OF PUBLIC HEALTH CODE (PHC) TITLE 19 (1966 AND UPDATED), THE SANITARY CODE OF THE STATE OF CONNECTICUT (1959 AND UPDATES), THE CONNECTICUT DEPARTMENT OF CONSUMER PROTECTION WELL DRILLING CODE AND THE TORRINGTON AREA HEALTH DISTRICT STANDARDS AND SPECIFICATIONS.
  2. PRIOR TO COMMENCING WORK ON THE CONSTRUCTION, REPAIR, DEVELOPMENT, HYDROFRACTURING OR ABANDONMENT OF ANY WELL, A REGISTERED WELL CONTRACTOR SHALL APPLY TO THE STATE PLUMBING AND PIPING WORK EXAMINING BOARD THEN TO THE LOCAL DIRECTOR OF HEALTH OR HIS OR HER AGENT FOR THE TOWN WORK IS TO TAKE PLACE. NO WELL SHALL BE DRILLED UNTIL SUCH A PERMIT HAD BEEN ISSUED AND APPROVED.
  3. ALL DOMESTIC WATER SERVICES ARE TO BE 2" TYPE K WITH 4.5 FT OF COVER UNLESS OTHERWISE NOTED.
  4. ALL FIRE SERVICES ARE TO BE 6" D.I. WITH 4.5 FT OF COVER UNLESS OTHERWISE NOTED.
  5. ALL WATER SERVICES ARE TO BE A MIN. 10 FT FROM ANY SANITARY SERVICE AND A MINIMUM OF 18" OF VERTICAL CLEARANCE FROM ANY OTHER UTILITY LINE.
  6. LOCATION OF WATER SERVICES AT BUILDINGS TO BE COORDINATED WITH MECHANICAL DRAWINGS.
- CONTACT: TORRINGTON AREA HEALTH DISTRICT  
ROBERT RUBBO, DIRECTOR OF HEALTH  
350 MAIN STREET  
TORRINGTON, CT 06790  
DEPT. PHONE: (860) 489-0436  
DEPT. EMAIL: RRUBBO@TAHD.ORG

**GAS SERVICE (TBD)**

1. ALL GAS SERVICES ARE TO CONFORM TO THE MOST CURRENT GAS COMPANY STANDARDS AND REGULATIONS.
  2. FINAL DESIGN TO BE COORDINATED WITH TBD
  3. METER LOCATIONS TO BE COORDINATED WITH MECHANICAL DRAWINGS.
- CONTACT: TBD

**ELECTRICAL SERVICES (EVERSOURCE)**

1. ALL ELECTRICAL SERVICES ARE TO CONFORM TO EVERSOURCE MOST CURRENT STANDARDS AND REGULATIONS.
  2. FINAL DESIGN TO BE COORDINATED WITH EVERSOURCE.
  3. METER LOCATIONS TO BE COORDINATED WITH MECHANICAL DRAWINGS.
- CONTACT: MR. MARK BONJUKLIAN,  
MANAGER - DISTRIBUTION PROJECTS AND PROGRAMS  
9 TINDALL AVENUE  
NORWALK, CT 06851  
203-845-3456 EXT. MOBILE:  
E-MAIL: MARK.BONJUKLIAN@EVERSOURCE.COM

**TELEPHONE SERVICES (FRONTIER)**

1. ALL TELEPHONE SERVICES ARE TO CONFORM TO AT&T MOST CURRENT STANDARDS AND REGULATIONS.
  2. FINAL DESIGN TO BE COORDINATED WITH FRONTIER.
  3. SERVICE LOCATIONS TO BE COORDINATED WITH MECHANICAL DRAWINGS.
- CONTACT: COHEN, HAROLD J.  
HAROLD.COHEN@FTR.COM

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**THE LITTLE GUILD  
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285 SHARON GOSHEN TURNPIKE WEST CORNWALL, CT

DATE:	REVISION:

KEY PLAN

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SCALE: 1" = 20'

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SCALE: 1"=20' CHECKED BY: WGW  
DATE: 11/13/2023

**UTILITY  
PLAN**

DRAWING NO.:  
**C-4.0**

**PERCOLATION TEST DATA:**

CONDUCTED BY: EMILY BOUSAADA (BENESCH)

TP-2  
DATE: 11-03-2022  
DEPTH TO TOP = 24"  
DEPTH OF PERC HOLE = 12"  
PRE-SOAK

DEPTH (INCHES)	TIME (MIN)
0	0
2.5	2
0.25	4
0.75	6
0.375	8
1.25	10
0.625	12
0.3125	14
1.0625	16
0.625	22
0.4375	24
0.5625	29
1	34

PERCOLATION RATE: 1.88 MIN./INCH

TP-4  
DATE: 11-03-2022  
DEPTH TO TOP = 24"  
DEPTH OF PERC HOLE = 12"  
PRE-SOAK

DEPTH (INCHES)	TIME (MINS)
0	0
1	2
1.5	4
0.875	6
0.625	8
0.75	10
0.25	12
0.5	16
0.375	18
0.625	20
1.12	22
0.375	27
0.5	32

PERCOLATION RATE: 2.67 MIN./INCH

TP-5  
DATE: 11-03-2022  
DEPTH TO TOP = 24"  
DEPTH OF PERC HOLE = 12"  
PRE-SOAK

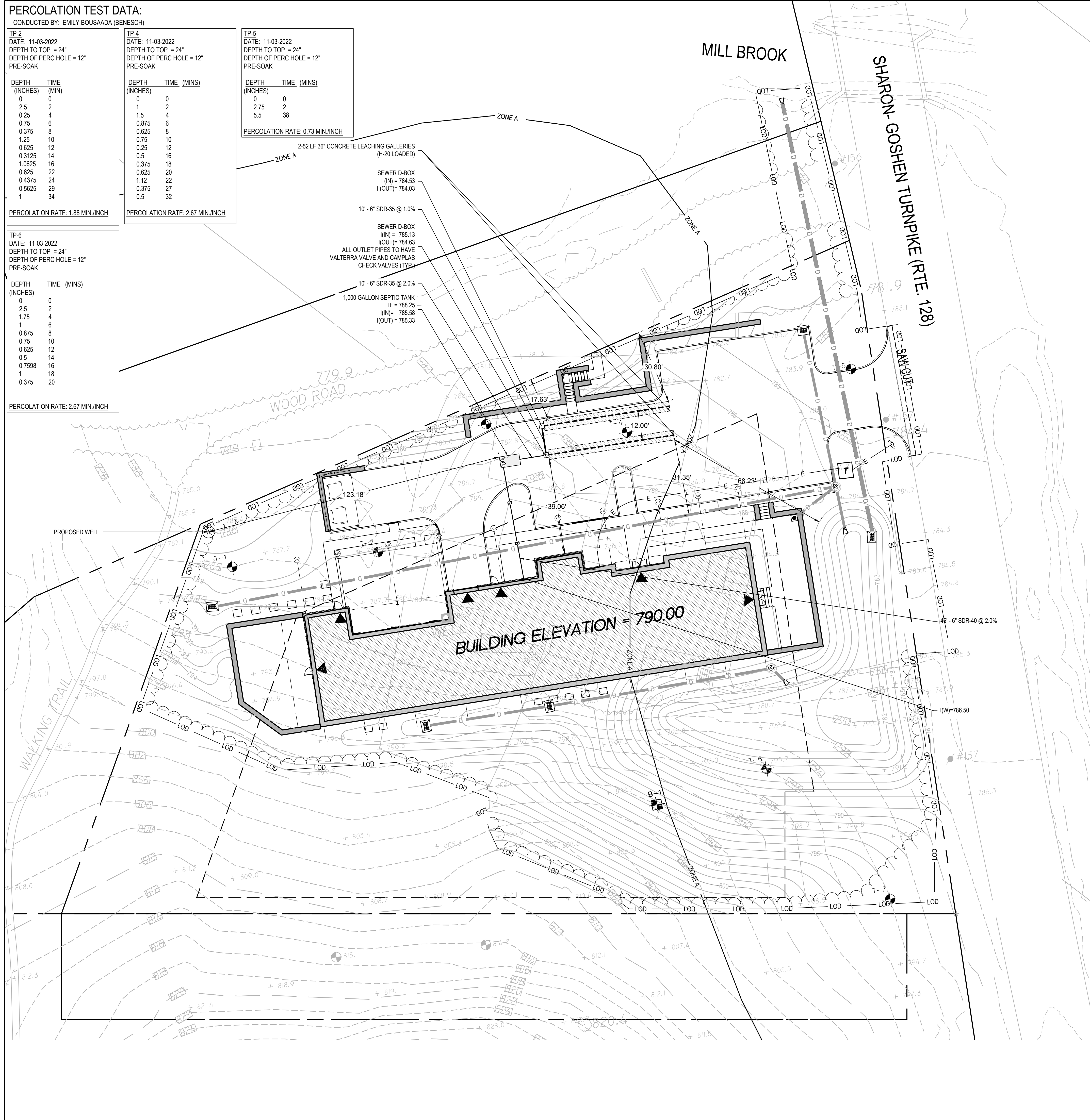
DEPTH (INCHES)	TIME (MINS)
0	0
2.75	2
5.5	38

PERCOLATION RATE: 0.73 MIN./INCH

TP-6  
DATE: 11-03-2022  
DEPTH TO TOP = 24"  
DEPTH OF PERC HOLE = 12"  
PRE-SOAK

DEPTH (INCHES)	TIME (MINS)
0	0
2.5	2
1.75	4
1	6
0.875	8
0.75	10
0.625	12
0.5	14
0.7598	16
1	18
0.375	20

PERCOLATION RATE: 2.67 MIN./INCH



**GENERAL NOTES (SEPTIC SYSTEM):**

- THE PROPERTY WILL BE SERVED BY PRIVATE WELL AND A SUBSURFACE SEWAGE DISPOSAL SYSTEM. AN EXISTING POTABLE WATER SUPPLY WELLS IS LOCATED WITHIN 75 FEET OF THE PROPOSED SEPTIC SYSTEMS, BUT SHALL BE REMOVED AND REINSTALLED AT
- THE USE OF A GARBAGE GRINDER OR A WATER SOFTENER IS NOT RECOMMENDED. IF A GARBAGE GRINDER IS INSTALLED, THE PROPOSED SEPTIC TANK SIZE SHALL BE INCREASED IN CONFORMANCE WITH THE PUBLIC HEALTH CODE.
- NO PART OF THE SEPTIC SYSTEM SHALL BE INSTALLED WITHIN 25' OF ANY UPSLOPE FOOTING DRAIN OR WITHIN 50' OF ANY DOWNSLOPE DRAIN. NO PART OF THE PROPOSED SEPTIC SYSTEMS SHALL BE INSTALLED LESS THAN 25 FEET FROM ANY SURFACE DRAIN, UNLESS THAT DRAIN IS TIGHT-PIPE.
- A MINIMUM OF 5 FEET OF SEPARATION MUST BE PROVIDED BETWEEN ANY PART OF THE SEPTIC SYSTEM AND ALL UNDERGROUND UTILITY TRENCHES AND 25 FEET FROM ANY WELL. EXCAVATIONS BETWEEN 5 TO 25 FEET FROM THE SEPTIC SYSTEM SHALL NOT BE BACKFILLED WITH FREE DRAINING MATERIAL. ANY WATER LINES SHALL BE A MINIMUM OF 10 FEET FROM ANY PART OF ANY SEPTIC SYSTEM.

**GENERAL CONSTRUCTION NOTES (SEPTIC SYSTEM):**

- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CURRENT CONNECTICUT PUBLIC HEALTH CODE, AS AMENDED.
- A LICENSED SURVEYOR SHALL FIELD STAKE THE SEPTIC SYSTEMS.
- NO WORK SHALL COMMENCE IN THE SYSTEM AREAS UNTIL A SEPTIC PERMIT HAS BEEN TAKEN OUT BY THE LICENSED INSTALLER.
- THE LICENSED INSTALLER SHALL PERFORM SITE PREPARATION AND SHOULD CONTACT "CALL BEFORE YOU DIG" AT 1-800-922-4455 TO VERIFY ALL UTILITY LOCATIONS.
- THE LICENSED INSTALLER SHALL BE ON SITE DURING SYSTEM CONSTRUCTION. THE SYSTEM SHALL BE INSTALLED IN CONFORMANCE TO THESE PLANS. ANY REQUESTED MODIFICATIONS SHALL BE DISCUSSED WITH THE ENGINEER PRIOR TO CONSTRUCTION. ALL MODIFICATIONS MUST BE APPROVED BY THE ENGINEER AND LOCAL HEALTH DISTRICT PRIOR TO CONSTRUCTION.
- THE LICENSED INSTALLER SHALL BE RESPONSIBLE FOR PREPARING THE LEACHING AREA IN A WORKMANLIKE MANNER. ALL NECESSARY STEPS SHALL BE TAKEN TO PROTECT THE UNDERLYING NATURALLY OCCURRING SOILS FROM OVER COMPACTION AND SILTATION ONCE EXPOSED.
- THE INSTALLER SHALL NOTIFY THE ENGINEER AND LOCAL HEALTH OFFICIAL AT LEAST 24 HOURS IN ADVANCE OF BEING READY FOR A FINAL INSPECTION. THE ENGINEER AND SANITARIAN SHALL CONDUCT THE FINAL INSPECTION TOGETHER WITH THE LICENSED INSTALLER. NO DEVIATION FROM THE PLAN APPROVED BY THE SANITARIAN SHALL BE ALLOWED WITH PRIOR APPROVAL FROM THE SANITARIAN. THE SYSTEM SHALL NOT BE BACKFILLED WITHOUT THE APPROVAL AND CONSENT OF THE ENGINEER AND SANITARIAN.
- A LICENSED ENGINEER OR SURVEYOR SHALL PREPARE A SEPTIC SYSTEM AS-BUILT DRAWING CERTIFYING THE SYSTEM IS CODE-COMPLIANT. THIS PLAN SHALL INCLUDE ALL ESSENTIAL ACCESS POINTS INCLUDING TANK MANHOLES, DISTRIBUTION BOXES AND LEACHING SYSTEM ENDS. THE AS-BUILT PLAN SHALL BE COMPLETED IN A TIMELY MANNER.
- THE LEACHING SYSTEM SHALL BE PROPERLY COVERED BY THE LICENSED SYSTEM INSTALLER WITHIN TWO (2) WORKING DAYS FOLLOWING THE LOCAL HEALTH DISTRICT'S FINAL INSPECTION AND APPROVAL.
- NO HEAVY EQUIPMENT SHALL BE DRIVEN OVER THE INSTALLED LEACHING SYSTEM AREAS UNTIL AREA IS BROUGHT TO FINAL GRADE AND PAVEMENT IS INSTALLED.
- ALL COMPONENTS OF THE PROPOSED SEPTIC SYSTEM SHALL BE INSTALLED ACCORDING TO MANUFACTURERS SPECIFICATIONS AND PUBLIC HEALTH CODE REQUIREMENTS. A MINIMUM OF 12" OF COVER SHALL BE PROVIDED OVER ALL SEPTIC SYSTEM COMPONENTS.
- THE LICENSED INSTALLER IS RESPONSIBLE TO INSTALL THE SUBSURFACE SEWAGE DISPOSAL SYSTEM IN ACCORDANCE WITH THE APPROVED PLAN.
- H-20 RISERS TO GRADE SHALL BE INSTALLED ON ALL TANKS, DISTRIBUTION BOXES AND WHERE REQUIRED, STEEL WATERTIGHT LIDS AND CONCRETE RISER EXTENSIONS, OR EQUAL, SHALL BE PROVIDED IN VEHICULAR TRAVEL AREAS.
- A TWO-PART H-20 CONCRETE SEPTIC TANK SHALL BE USED BUT MUST BE MADE 100% WATERTIGHT BY GASKETING AND MORTARING ALL JOINTS. IF A TWO-PART TANK IS USED, IT SHALL BE FILLED WITH WATER ABOVE THE JOINT AND INSPECTED BY THE ENGINEER AND/OR THE LOCAL HEALTH OFFICIAL WITHIN 24 HOURS. THE CONTRACTOR SHALL MONITOR THE WATER LEVEL IN THE TANK DURING THIS PERIOD AND SHALL PERMANENTLY REPAIR ANY LEAKS TO THE SATISFACTION OF THE ENGINEER AND THE LOCAL HEALTH OFFICIAL.
- NO PART OF THE PROPOSED SEPTIC SYSTEM SHALL BE INSTALLED LESS THAN 25' FROM THE EXISTING BUILDING OR LESS THAN 10' FROM ANY PROPERTY LINE.
- THE CONTRACTOR SHALL GRADE THE AREA IN THE VICINITY OF THE LEACHING FIELD IN SUCH A MANNER THAT ALL SURFACE RUNOFF IS SUFFICIENTLY DIRECTED AWAY FROM THE LEACHING FIELD AREA.
- ALL AREA DRAINS, CATCH BASINS, AND STORMWATER MANHOLES LOCATED WITHIN 25' OF ANY PORTION OF THE SEPTIC SYSTEM SHALL BE COATED WITH EXTERNAL DAMP PROOFING AND EQUIPPED WITH RUBBER SEAL JOINTS AND WATER TIGHT PIPE CONNECTIONS (ASTM C923).
- ALL STORMWATER PIPING WITHIN 25' OF ANY PORTION OF THE SEPTIC SYSTEM SHALL BE PVC ASTM 3034, SDR-35 WITH COMPRESSION GASKETS, OR OTHER APPROVED PIPING JOINTS PER THE CT TECHNICAL STANDARDS TABLE 3.

**SEPTIC ANALYSIS (ANIMAL SHELTER):**

**DESIGN FLOW (TECHNICAL STANDARDS)**

- DOG KENNEL, PER RUN: 16 RUNS x 25 GPD/BED = 400 GPD
- PET GROOMING, PER STATION: 1 STATION = 250 GPD
- TOTAL = 650 GPD

**MLSS**  
MLSS = HF x FF x PF  
HF > 60 INCHES THEREFORE MLSS IS NOT CONSIDERED

**EFFECTIVE LEACHING AREA (ELA) REQUIRED**

- PERC RATE = LESS THAN 10.1 MIN./IN.
- APPLICATION RATE (TABLE 7) = 0.8
- ELA (DESIGN FLOW) / (APP RATE) = (650 GPD) / (0.8 GPD/SF) = 812.50 SF
- EFFECTIVE LEACHING AREA = 813 SF

**ELA PROVIDED**

- USE CONCRETE LEACHING GALLERIES 36", 8.0 (SF/LF), 12 O.C.
- LENGTH = (813 SF) / (8.0 SF/LF) = 102 LF (OR 2 ROWS OF 52 LF)

**SEPTIC TANK (CT DPH TECHNICAL STANDARDS - SECTION V.B.1)**

- 1000 GALLON GREASE TRAP PROVIDED BEFORE SEPTIC TANK

**SOIL TESTING:**

Jessica Cranney - Sanitarian, Torrington Area Health District  
Emily Bousaada, P.E. - Benesch

<b>TP1</b> 13-25 DARK BROWN SOIL - HEAVY ROOTS 25-60 LIGHT BROWN SOIL - STONES 4" WIDE	<b>TP4</b> 0-14 BROWN 14-30 CLAY WITH 3" ROCKS COMPACTED 50 COMPACTED RED/BROWN SOIL - BROWN SAND
<b>TP2</b> 0-10 LIGHT BROWN SOIL - ROOTS 10-21 MEDIUM BROWN - ANGULAR STONE 3-5" WIDE - SIGNIFICANT TREE ROOTS 21-55 LARGE BOULDERS - > 1' 55 HARD PAN	<b>TP5</b> 0-3 SOD 3-67 BROWN SOIL WITH SIGNIFICANT TREE ROOTS
<b>TP3</b> 0-25 SANDY SOIL - DARK/LIGHT BROWN - SIGNIFICANT ROOTS - 3-12" STONES 29-50 SLIGHTLY DARK/GRAY BROWN 50-79	<b>TP6</b> 0-7 TOP SOIL 7-24 RED/BROWN SOIL 24-60 GRAY/BROWN SANDY
	<b>TP7</b> 0-13 ROOTS - MEDIUM BROWN SOIL 13- RED/BROWN SOIL - STONE ROUNDED -32 MEDIUM BROWN - STONE / ROOTS - 6-8" STONES 32-61 GRAY HARD COMPACT

Prepared by:

120 Hebron Avenue, 2nd Floor  
Glastonbury, Connecticut 06033  
P 860-633-8341  
F 860-633-1068  
www.Benesch.com

Prepared for:

**THE LITTLE GUILD  
ANIMAL SHELTER**

285 SHARON GOSHEN TURNPIKE WEST CORNWALL, CT

DATE:	REVISION:

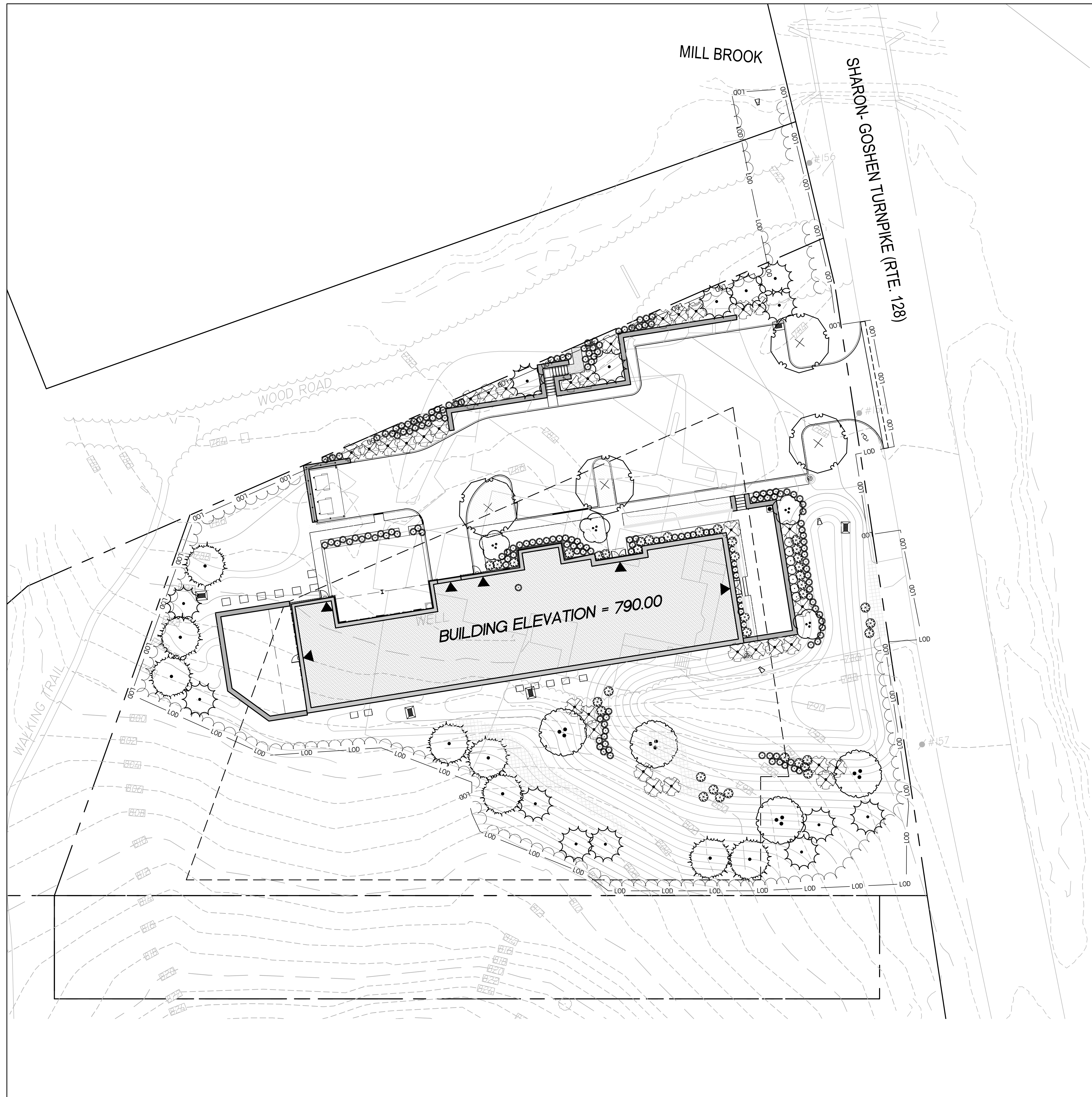
KEY PLAN

FOR PERMITTING PURPOSES ONLY  
NOT FOR CONSTRUCTION

SCALE: 1" = 20'

PROJECT NO.: 70819.00  
SCALE: 1"=20'  
DATE: 11/13/2023  
DRAWN BY: ENB  
CHECKED BY: WGW

**SEPTIC PLAN**



Prepared by:  
**benesch**  
 120 Hebron Avenue, 2nd Floor  
 Glastonbury, Connecticut 06033  
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 F 860-633-1068  
 www.Benesch.com



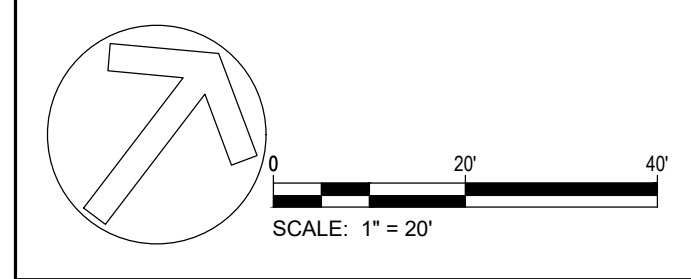
**THE LITTLE GUILD  
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285 SHARON GOSHEN TURNPIKE WEST CORNWALL, CT

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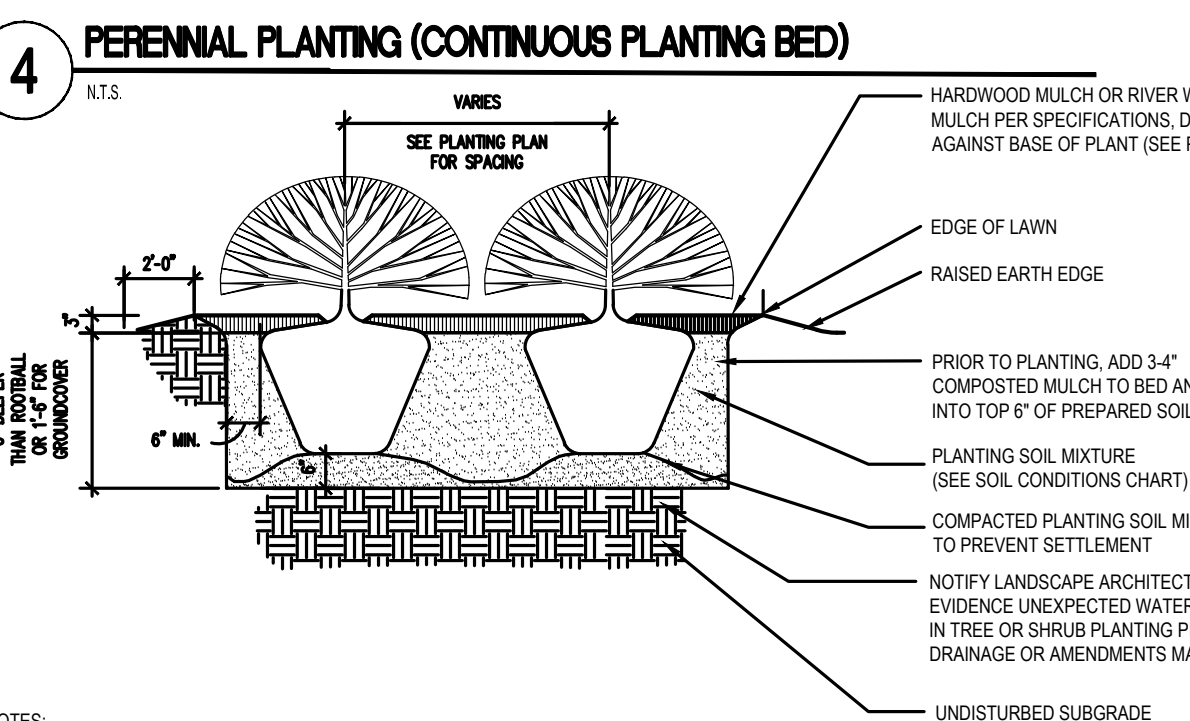
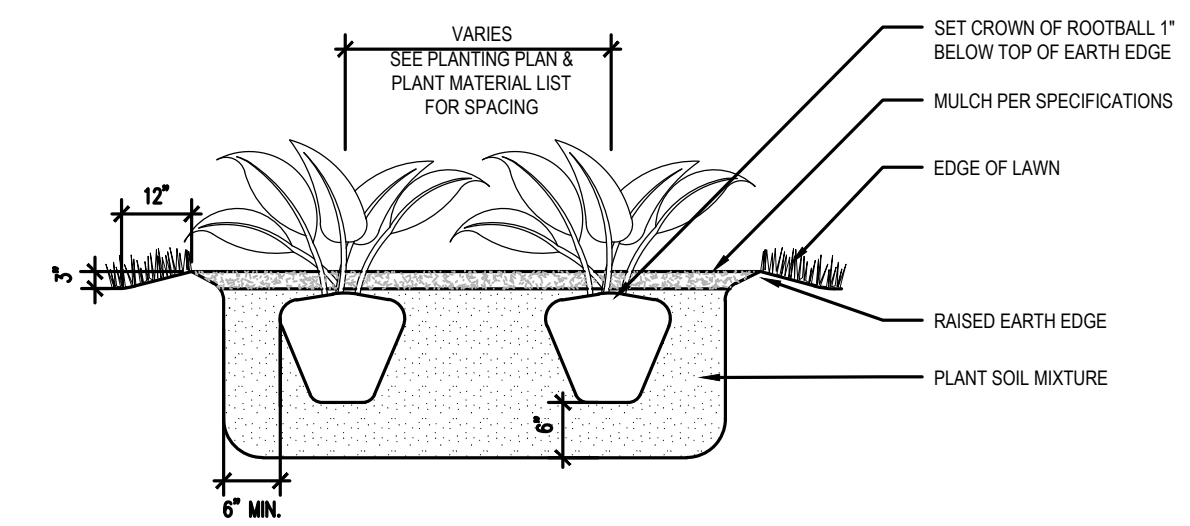
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 SCALE: 1"=20' CHECKED BY: WGW  
 DATE: 11/13/2023

**PLANTING  
 PLAN**

DRAWING NO.:  
**C-5.0**

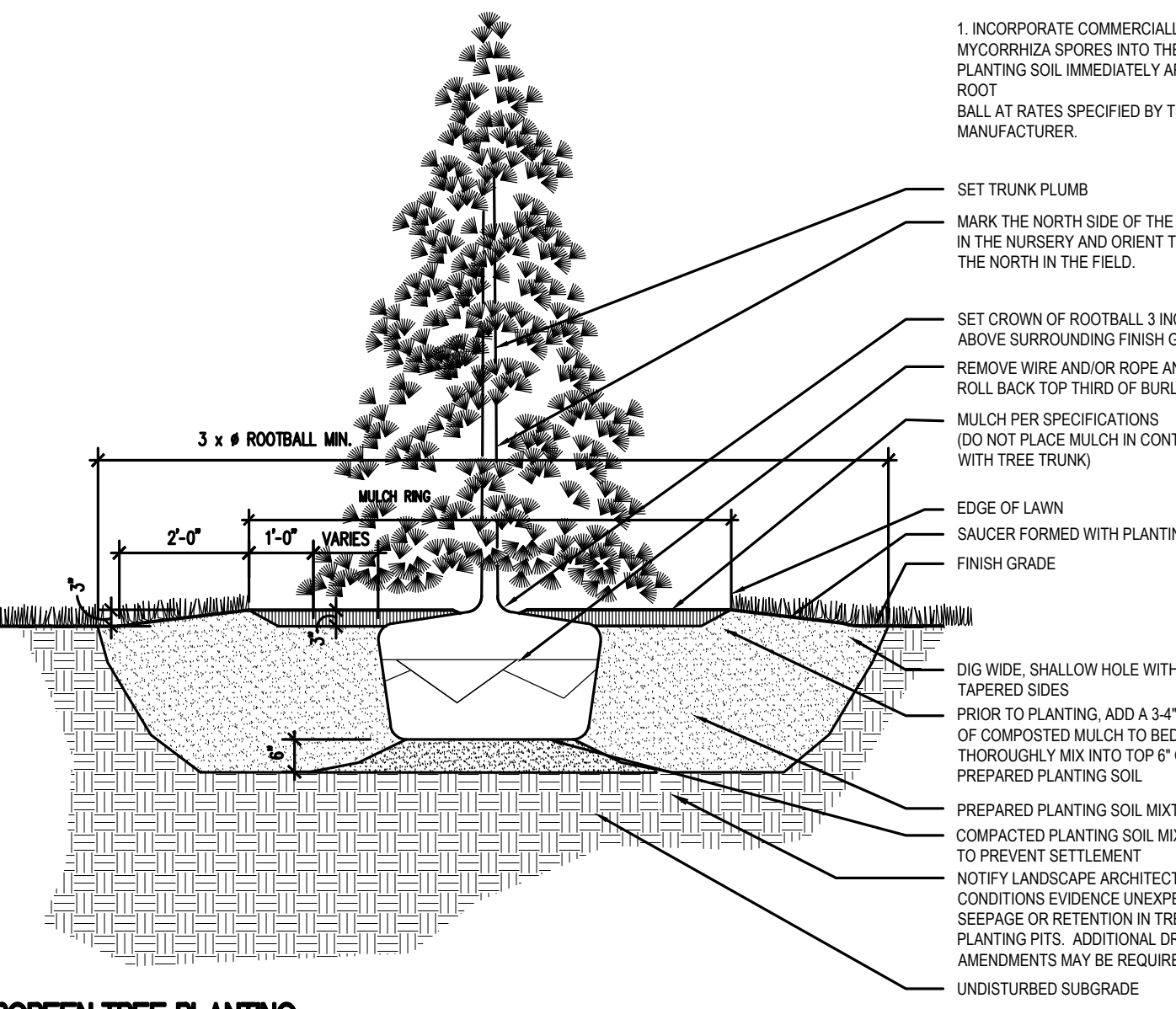
# PLANT SCHEDULE

DECIDUOUS TREES	CODE	QTY	BOTANICAL / COMMON NAME	CONT	CAL	SIZE	
	BNH	4	BETULA NIGRA 'HERITAGE' / HERITAGE RIVER BIRCH	B & B	MULTI-TRUNK	8-10' HT.	
	NS	4	NYSSA SYLVATICA / SOUR GUM	B & B	2.5" CAL	10-12' HT.	
EVERGREEN TREES	CODE	QTY	BOTANICAL / COMMON NAME	CONT	CAL	SIZE	
	PIC GLA	8	PICEA GLAUCA / WHITE SPRUCE	B & B	CONIFER	8-10' HT.	
	PS2	14	PINUS STROBUS / EASTERN WHITE PINE	B & B	CONIFER	14-16' HT.	
ORNAMENTAL TREES	CODE	QTY	BOTANICAL / COMMON NAME	CONT	CAL	SIZE	
	CC2	4	CERCIS CANADENSIS / EASTERN REDBUD	B & B	MULTI-TRUNK	8-10' HT.	
GRASSES	CODE	QTY	BOTANICAL / COMMON NAME	SIZE	HEIGHT	SPREAD	
	PVH	165	PANICUM VIRGATUM 'HEAVY METAL' / BLUE SWITCH GRASS	#3 CONT.	2-3' HT.	15-18" SPR.	
DECIDUOUS SHRUBS	CODE	QTY	BOTANICAL / COMMON NAME	SIZE	HEIGHT	SPREAD	
	CSFA	39	CORNUS SERICEA 'FARROW' / ARCTIC FIRE RED TWIG DOGWOOD	#3 CONT.	12-15" HT.	18-24" SPR.	
	HL	7	HYDRANGEA PANICULATA 'LITTLE QUICK FIRE' / LITTLE QUICK FIRE HYDRANGEA	#5 CONT.	18-24" HT.	18-24" SPR.	
	MP	33	MYRICA PENNSYLVANICA / NORTHERN BAYBERRY	#5 CONT.	30-36" HT.	30-36" SP.	
GROUND COVERS	CODE	QTY	BOTANICAL / COMMON NAME	CONT	HEIGHT	SPREAD	SPACING
	AST COR	1,153 SF	ASTER CORDIFOLIUS / BLUE WOOD ASTER	#1 CONT.			12" o.c.
	CPP	1,348 SF	CAREX PENNSYLVANICA / PENNSYLVANIA SEDGE	SP4 CONT.			9" o.c.
	NK	120 SF	NARCISSUS X 'KING ALFRED' / KING ALFRED DAFFODIL	BULB			12" o.c.

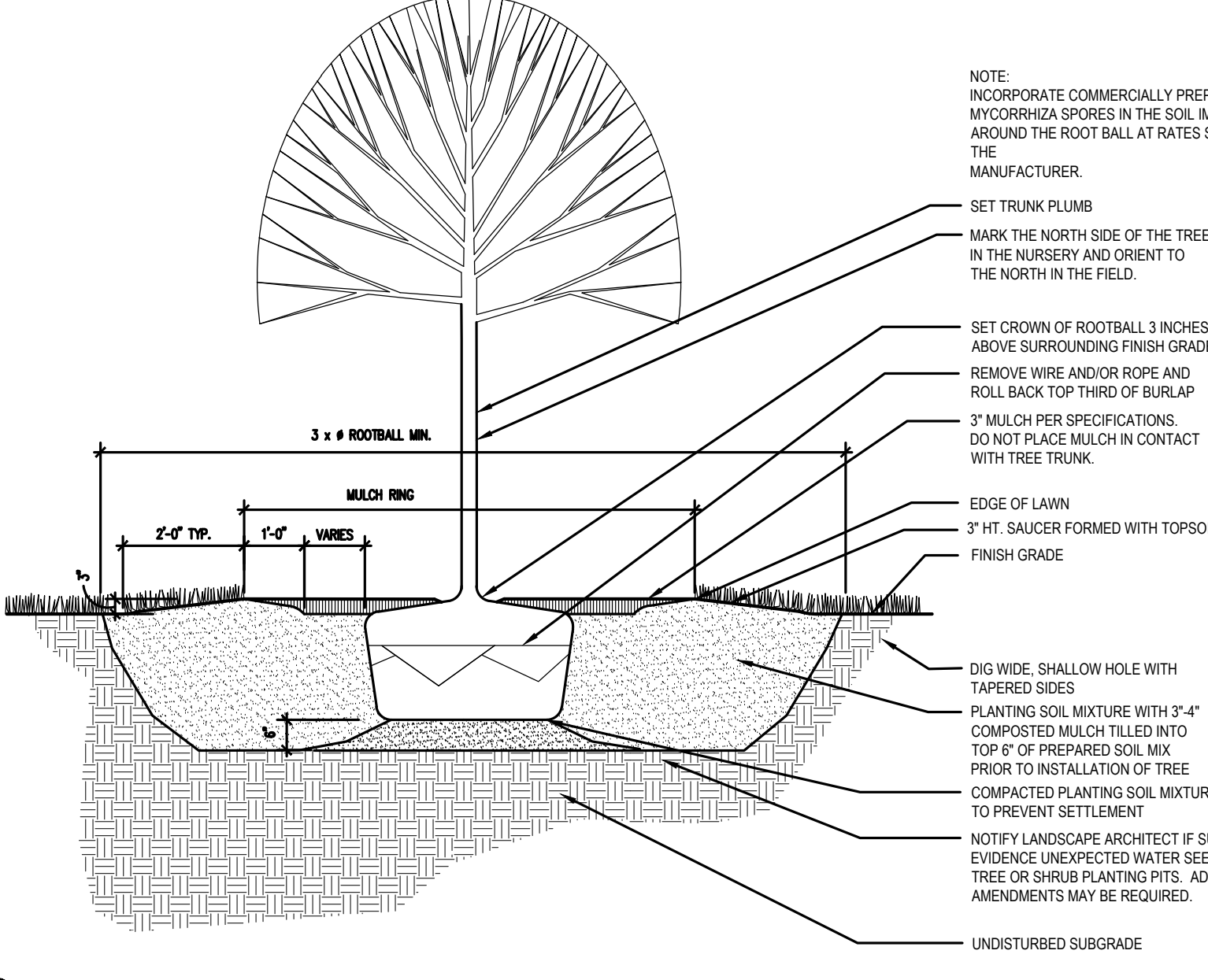


**NOTES:**

- FOR CONTAINER GROWN SHRUBS, GENTLY PULL THE ROOTS OUT OF THE OUTER LAYER OF POTTING SOIL, THEN CUT OR PULL APART ANY ROOTS CIRCLING THE PERIMETER OF CONTAINER.
- FOR B&B SHRUBS, FOLD BURLAP FROM TOP OF ROOT BALL DOWN TO GROUND.
- INCORPORATE COMMERCIALY PREPARED MYCORRHIZA SPORES IN THE SOIL IMMEDIATELY AROUND THE ROOT BALL AT RATES SPECIFIED BY THE MANUFACTURER.
- CONFIRM THAT WATER DRAINS OUT OF THE SOIL DURING THE DESIGN PHASE. DESIGN ALTERNATIVE DRAINAGE SYSTEMS, AS REQUIRED.



**2 EVERGREEN TREE PLANTING**  
NOT TO SCALE



**1 DECIDUOUS TREE PLANTING**  
1/2" = 1'-0"

Prepared by:  
  
 120 Hebron Avenue, 2nd Floor  
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 F 860-633-1068  
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Prepared for:  
  
 THE LITTLE GUILD

**THE LITTLE GUILD  
ANIMAL SHELTER**  
 285 SHARON GOSHEN TURNPIKE WEST CORNWALL, CT

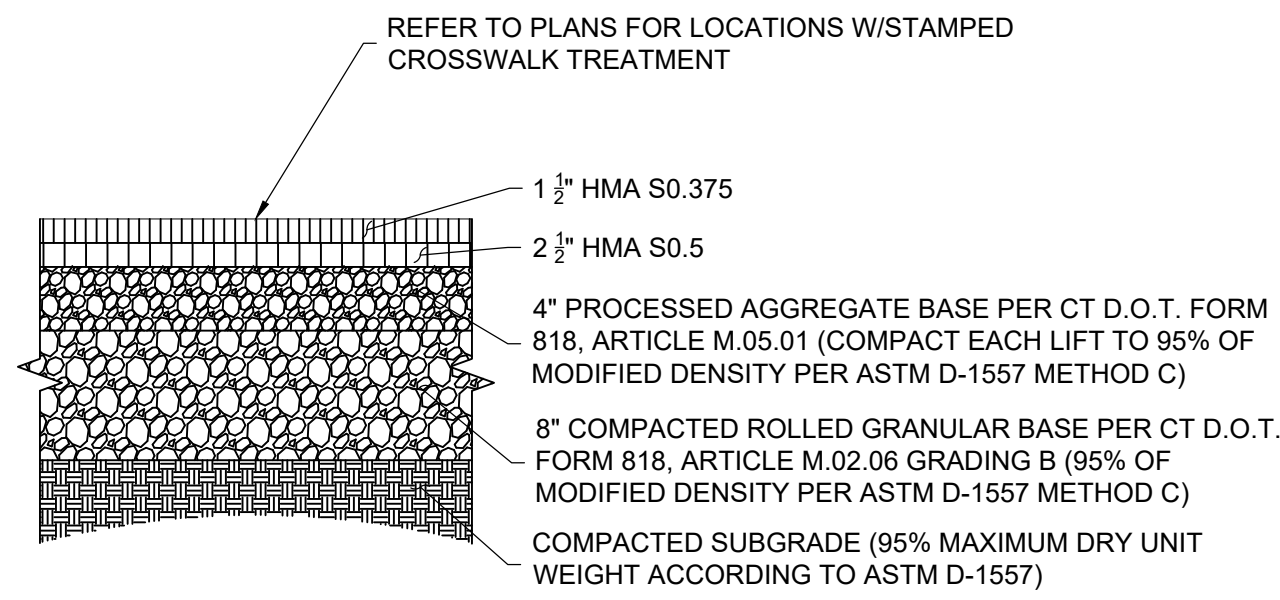
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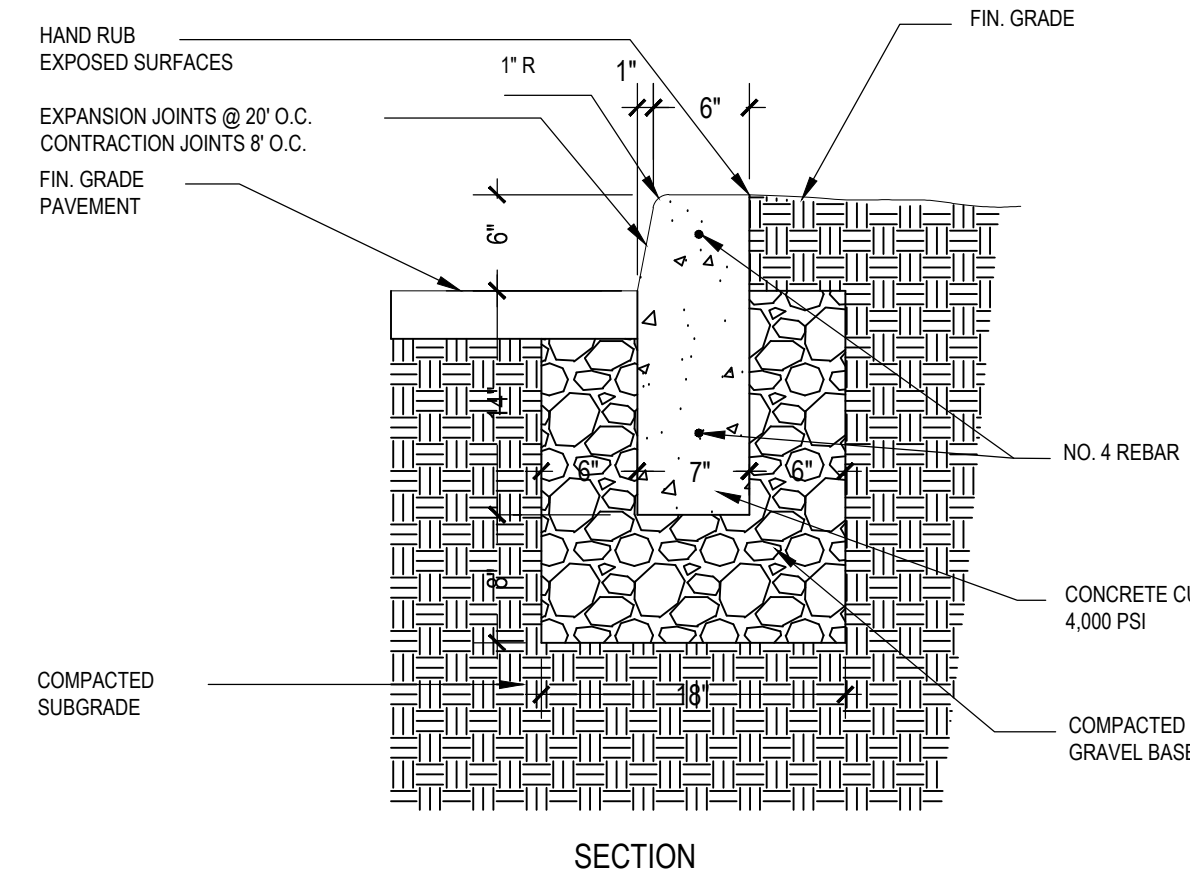


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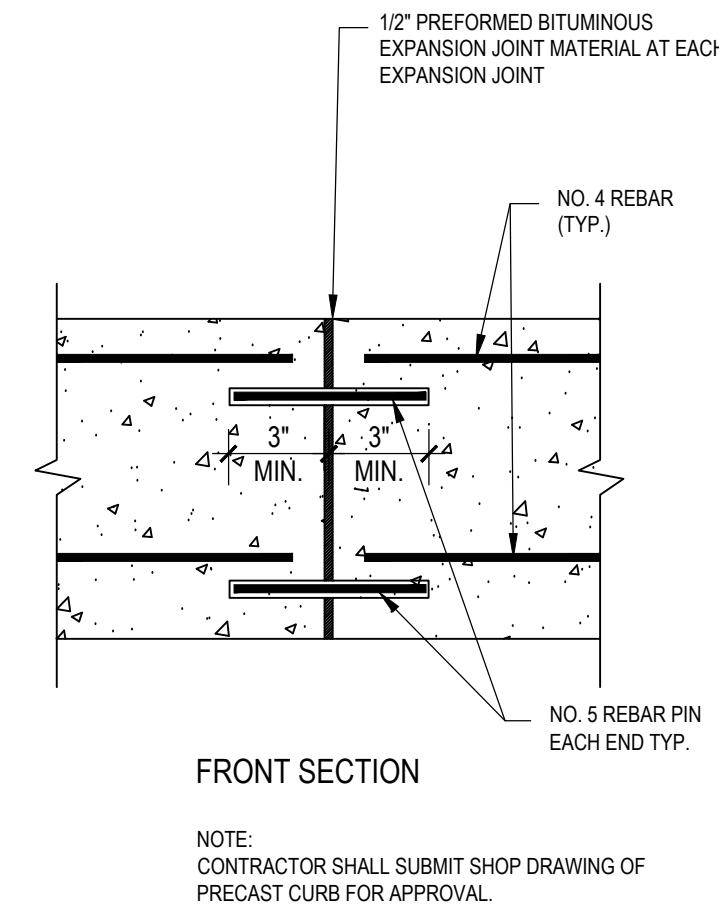
**PLANTING  
DETAILS**  
 DRAWING NO.:  
**C-5.1**



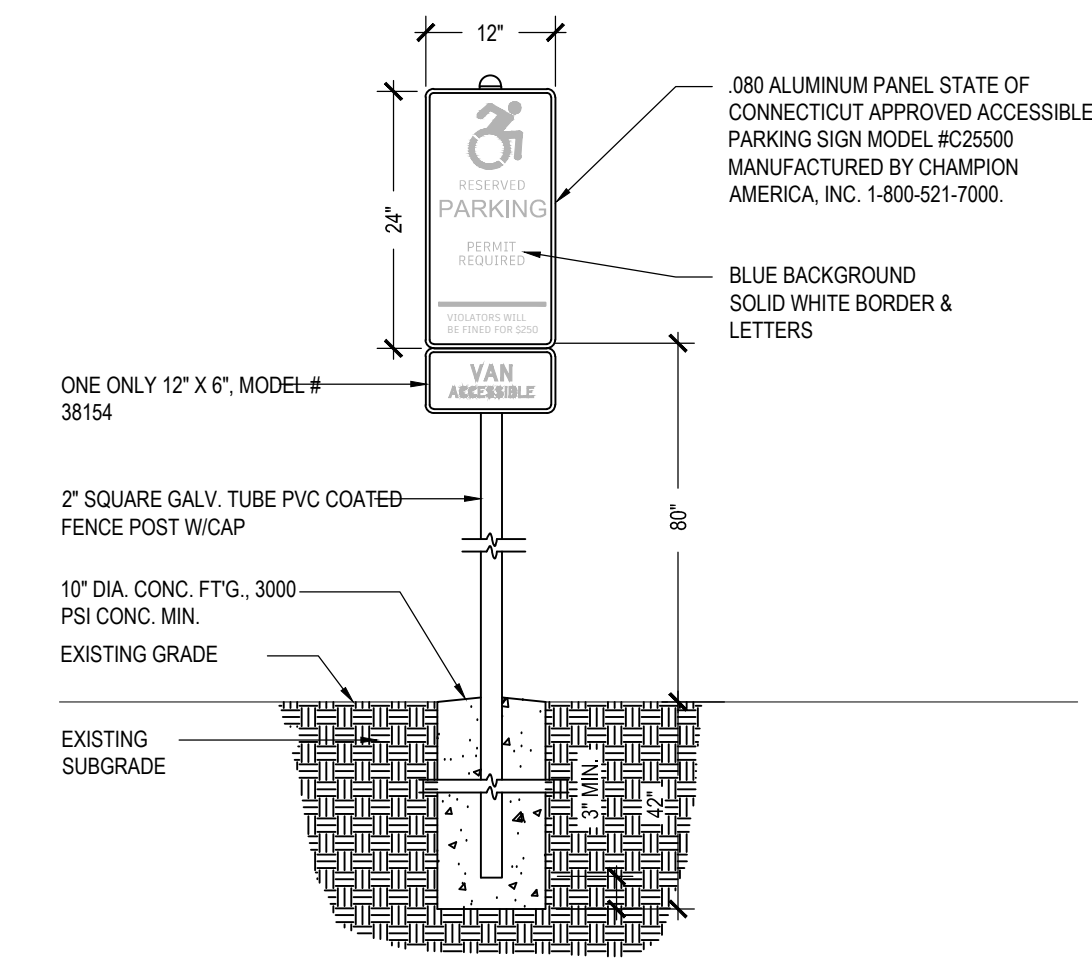
**BITUMINOUS CONCRETE PAVEMENT**  
SCALE: NONE



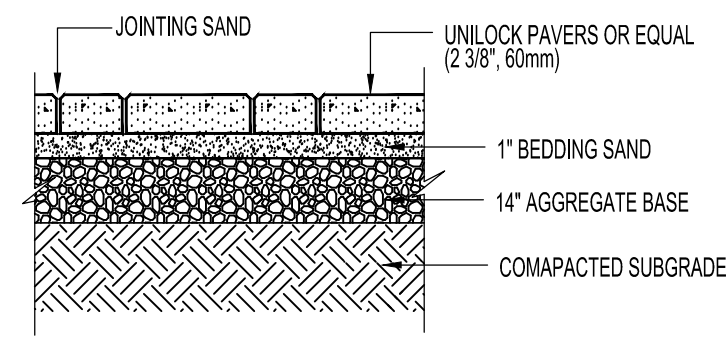
**PRECAST CONCRETE CURB**



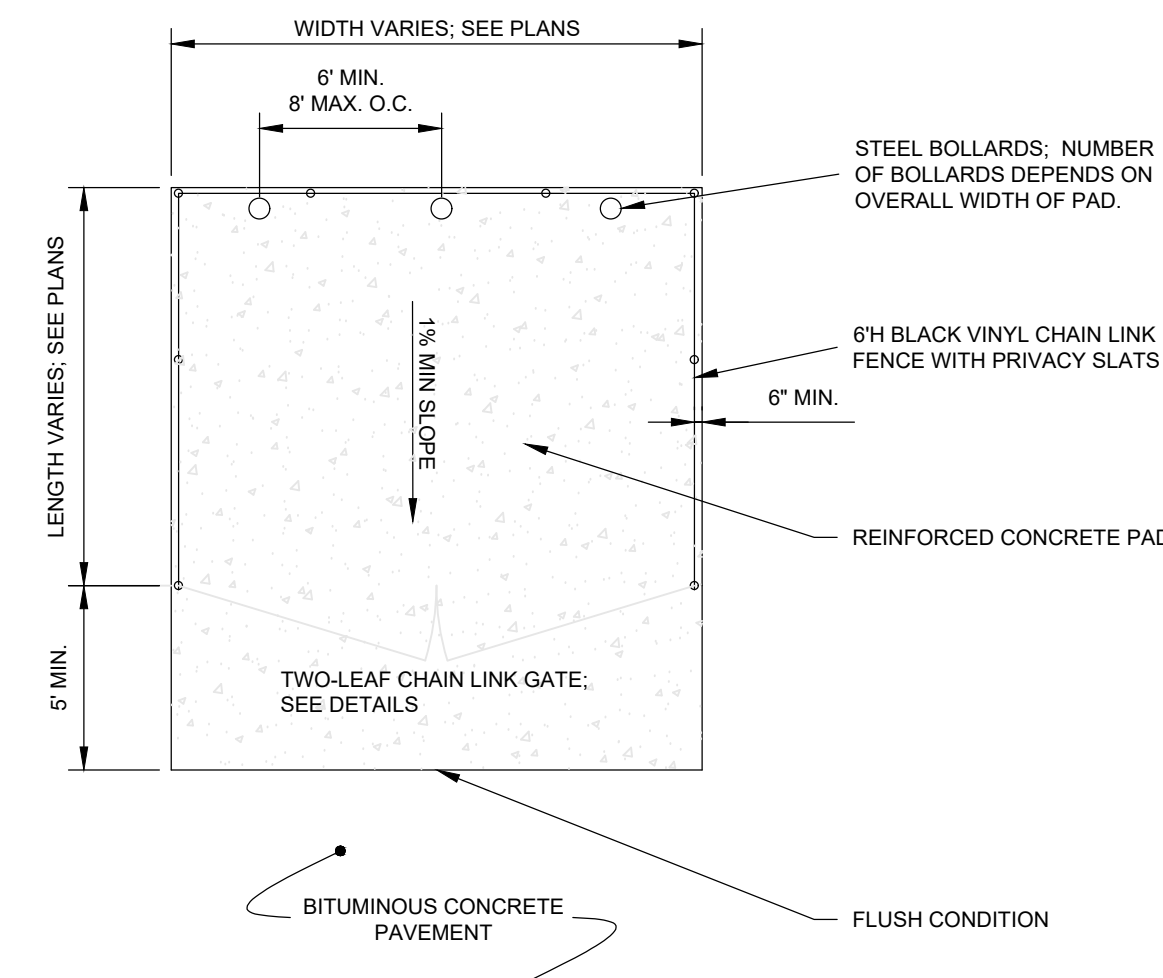
**FRONT SECTION**  
NOTE: CONTRACTOR SHALL SUBMIT SHOP DRAWING OF PRECAST CURB FOR APPROVAL.



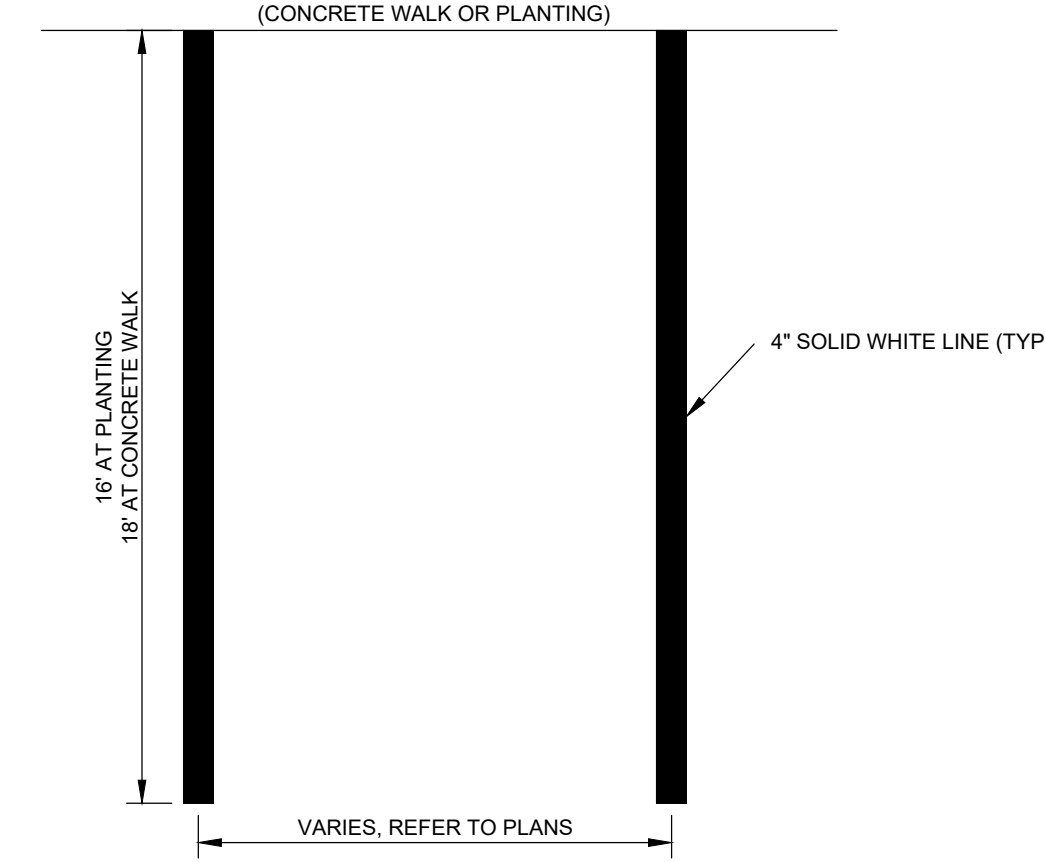
**HANDICAP PARKING SIGN**  
SCALE: NONE



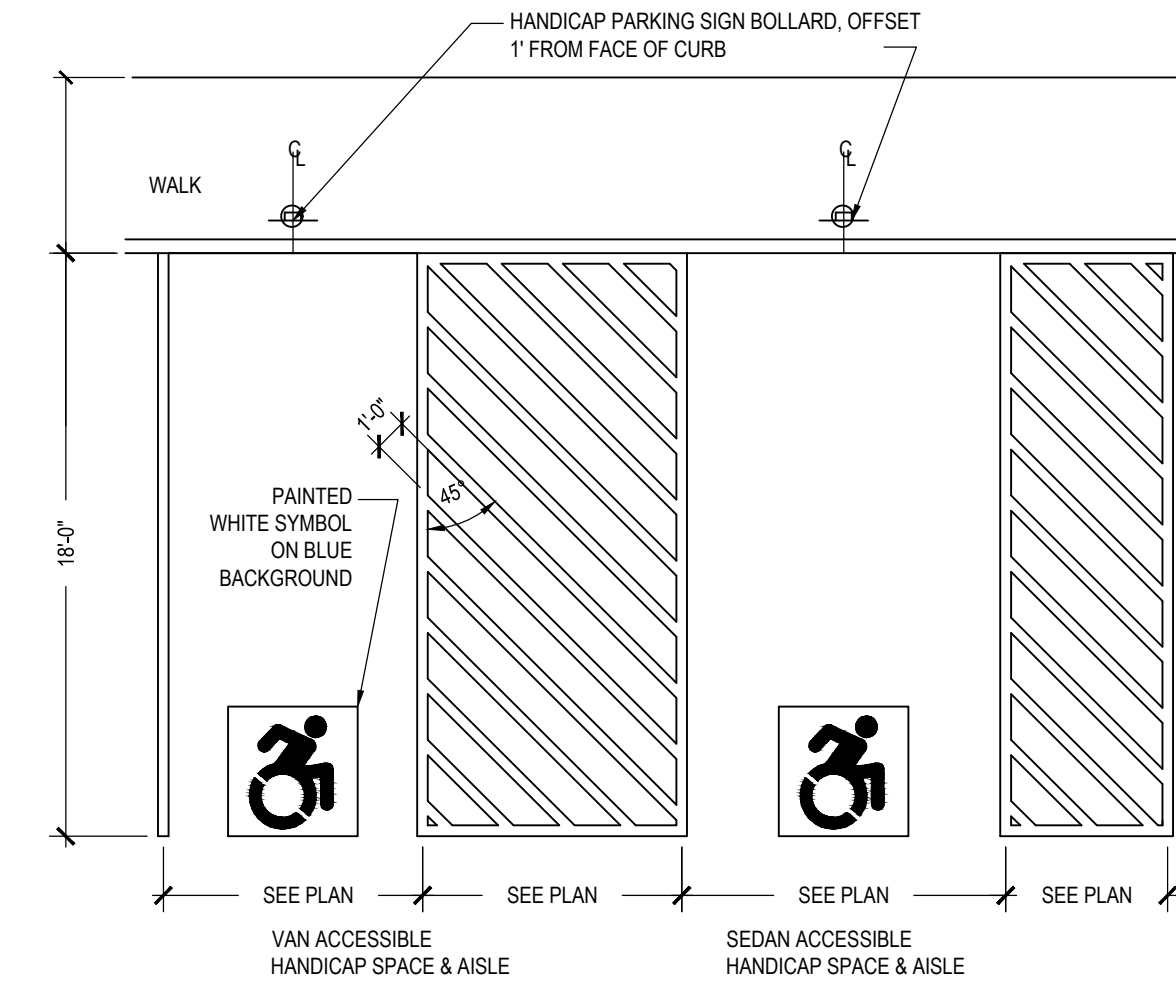
**PARKING/DRIVE BLOCK PAVERS**  
SCALE: NONE



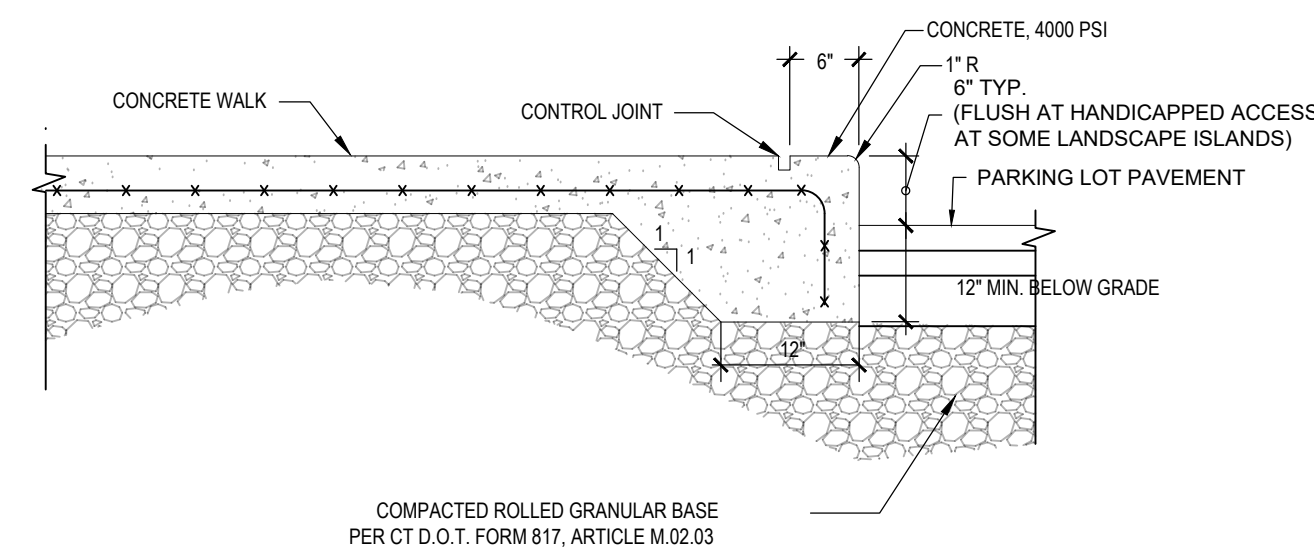
**DUMPSTER PAD**  
SCALE: NONE



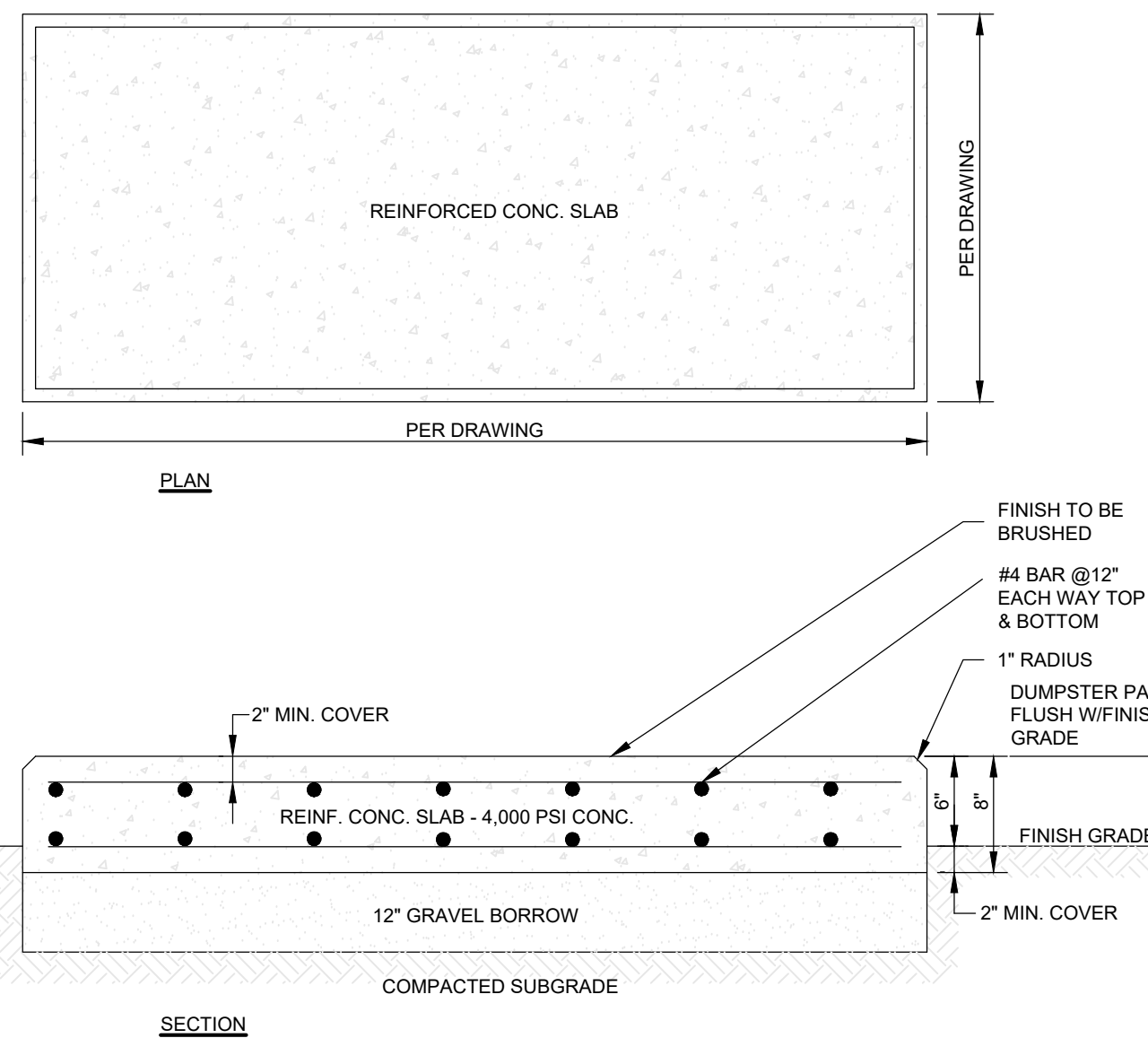
**STANDARD PAINTED PARKING MARKINGS**  
SCALE: NONE



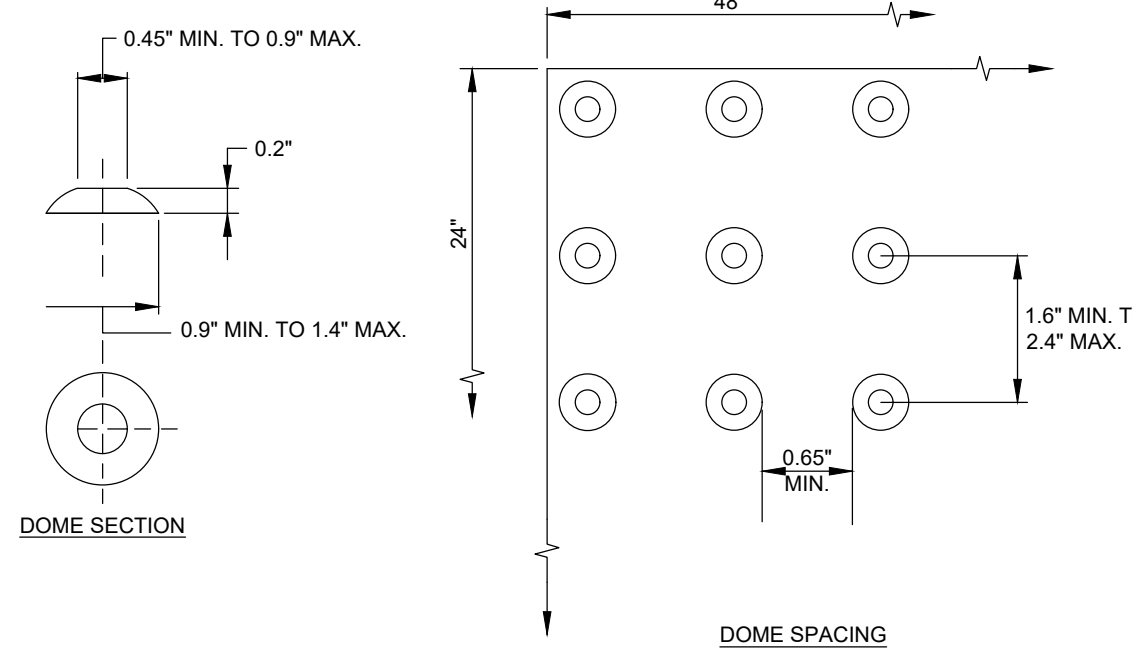
**HANDICAP PARKING STALL LAYOUT**  
SCALE: NONE



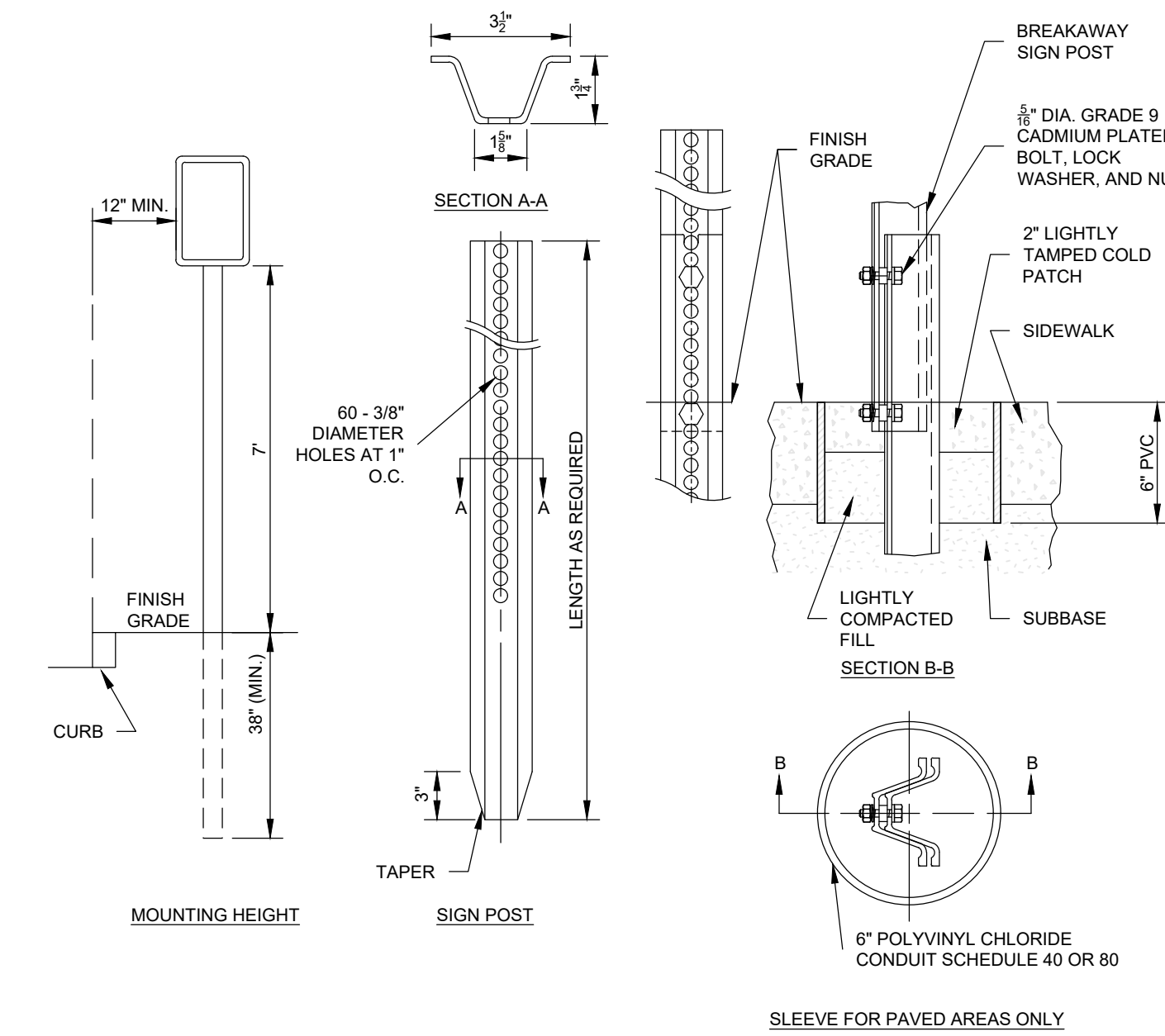
**INTEGRAL CONCRETE CURB AT WALK**  
SCALE: NONE



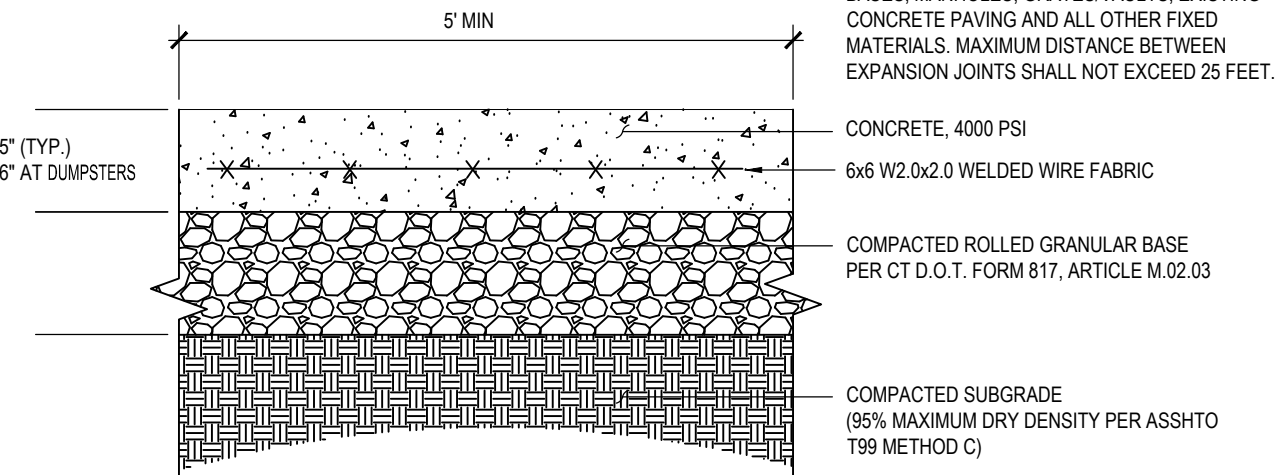
**CONCRETE PAD**  
SCALE: NONE



**DETECTABLE WARNING**



**TYPICAL SIGN SUPPORT - BREAKAWAY**  
SCALE: NONE

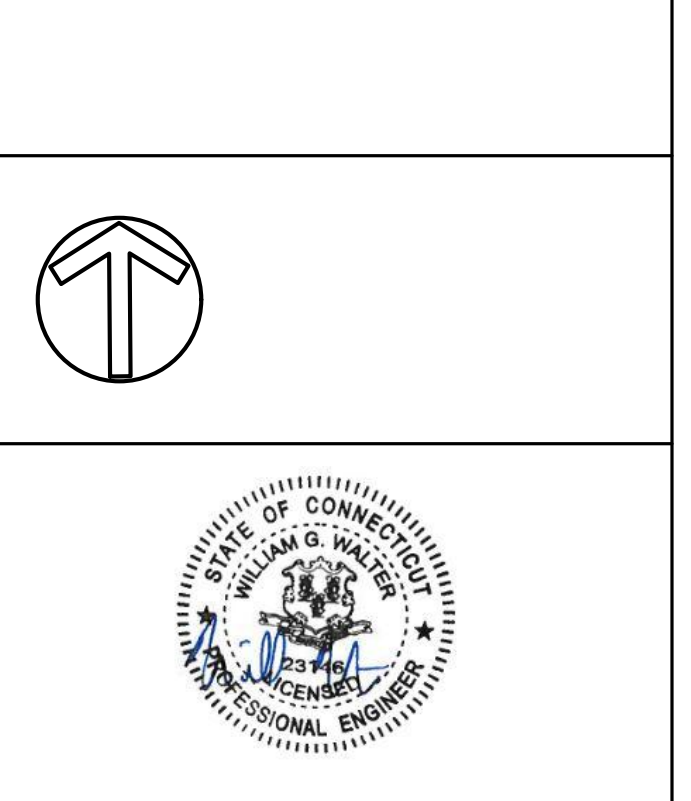


**CONCRETE WALK**  
SCALE: NONE

DATE:	REVISION:

KEY PLAN

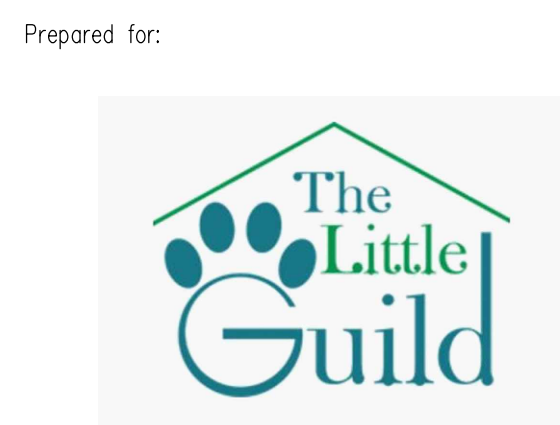
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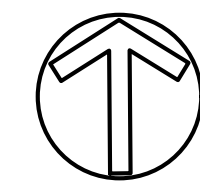
**SITE  
DETAILS**



Prepared for:  
**THE LITTLE GUILD  
 ANIMAL SHELTER**  
 285 SHARON GOSHEN TURNPIKE WEST CORNWALL, CT

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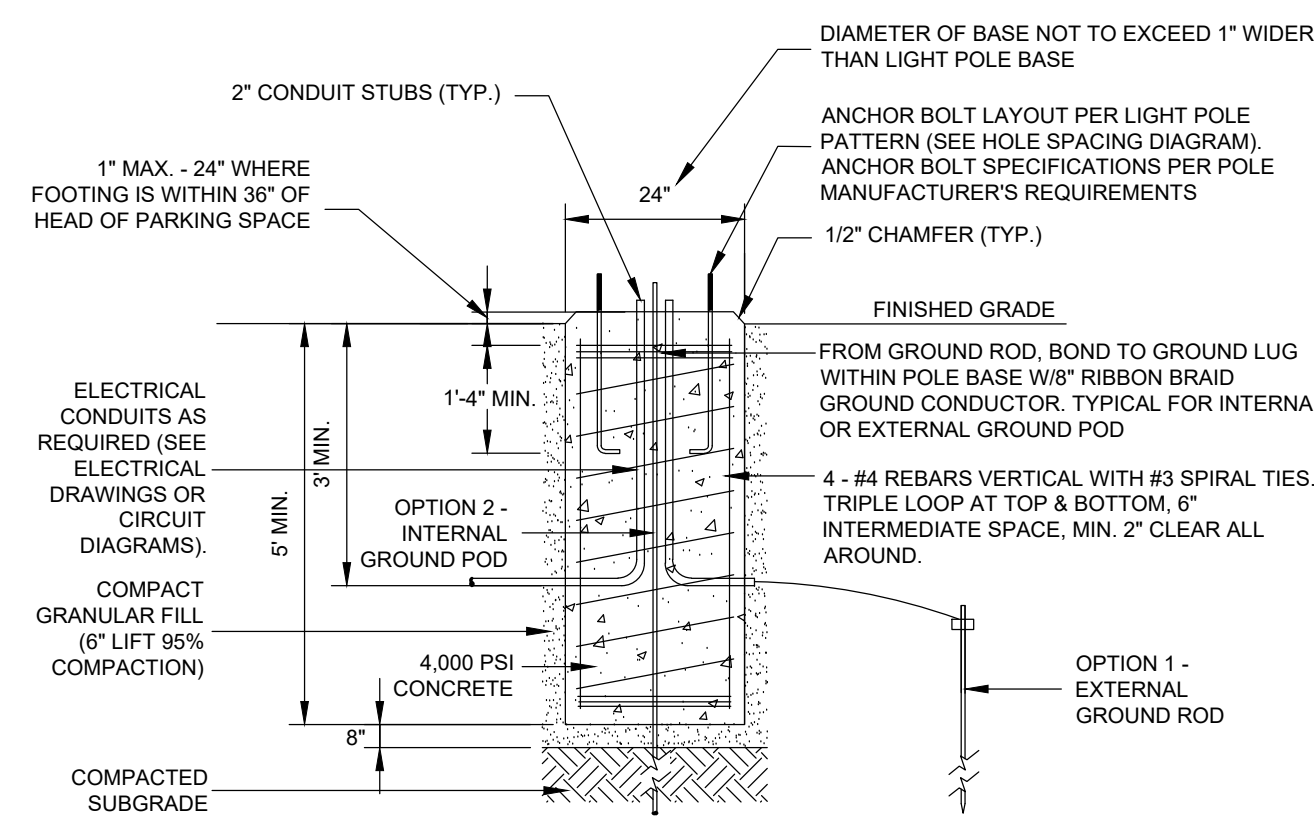
KEY PLAN  
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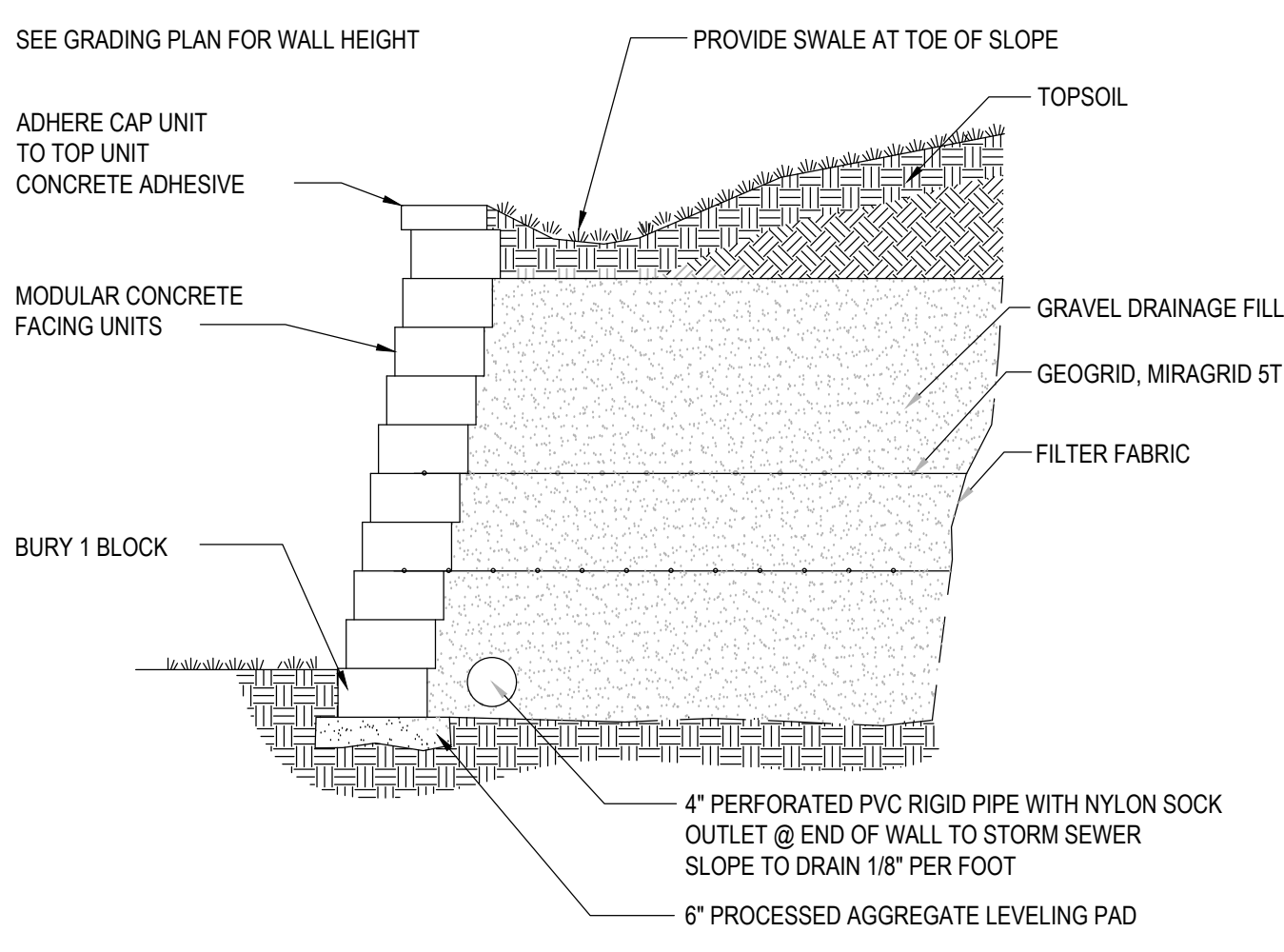
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 SCALE: AS SHOWN  
 DATE: 11/13/2023  
 DRAWN BY: CM  
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**SITE  
 DETAILS**

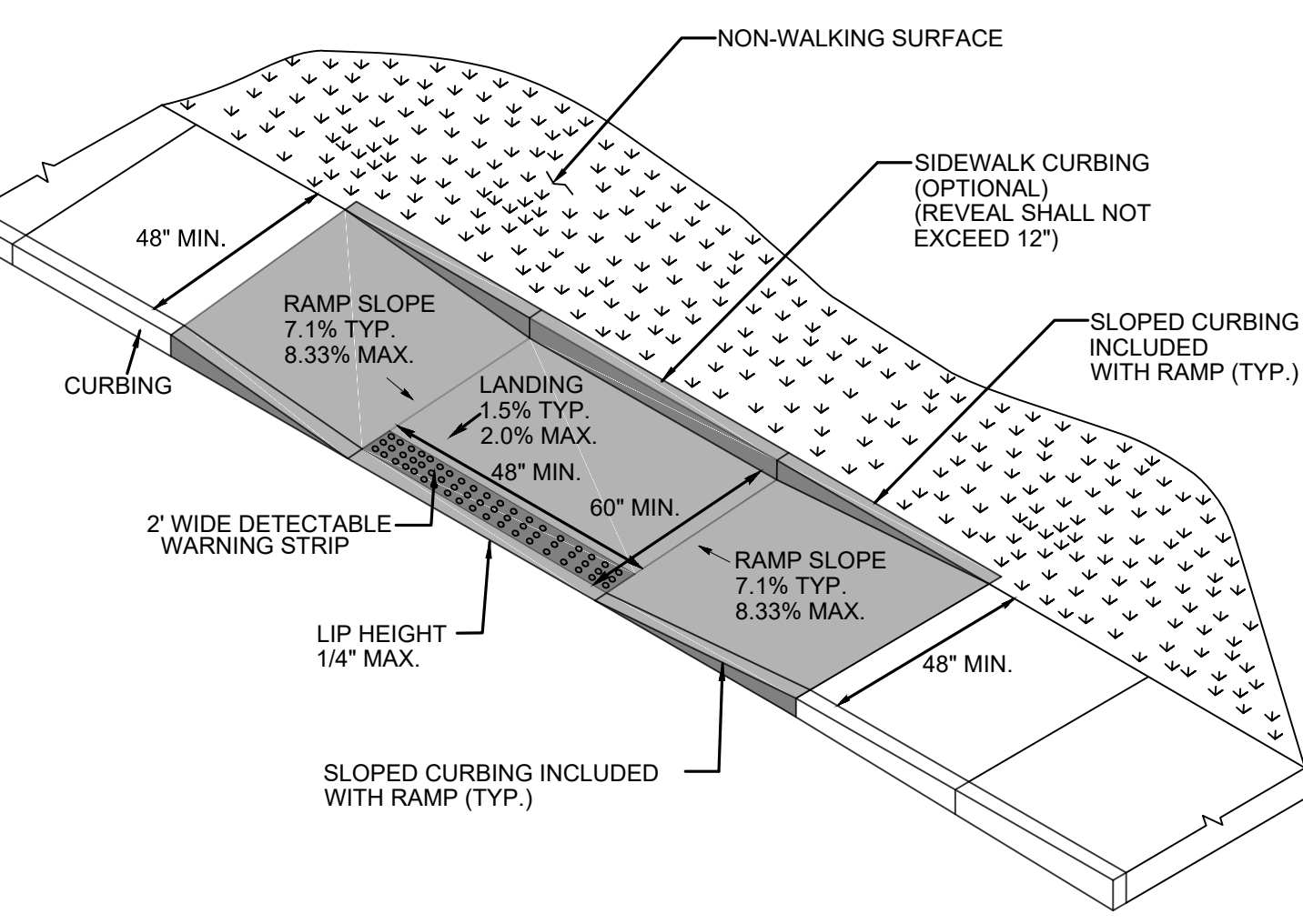
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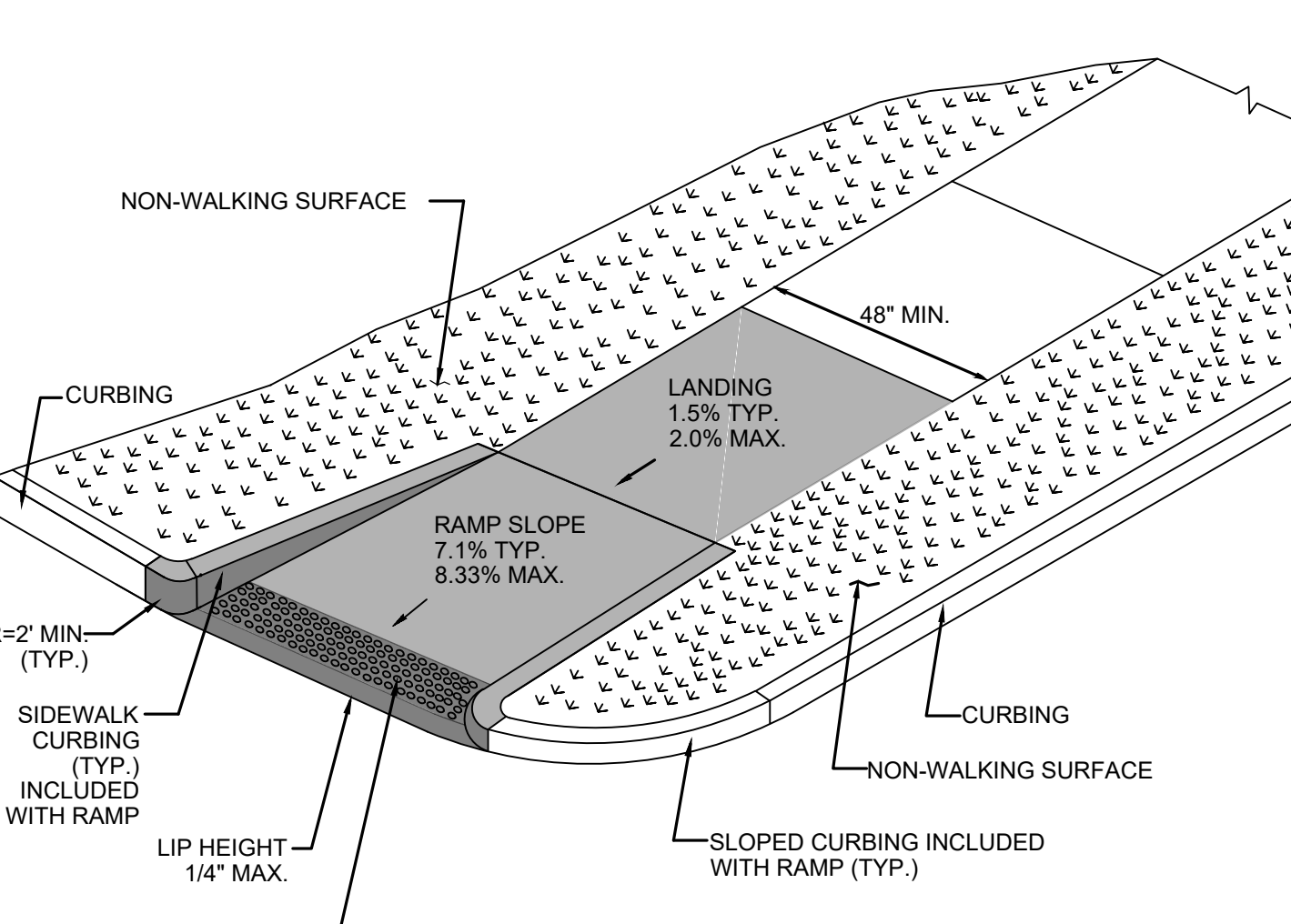
**LIGHT POLE BASE**  
 SCALE: NONE



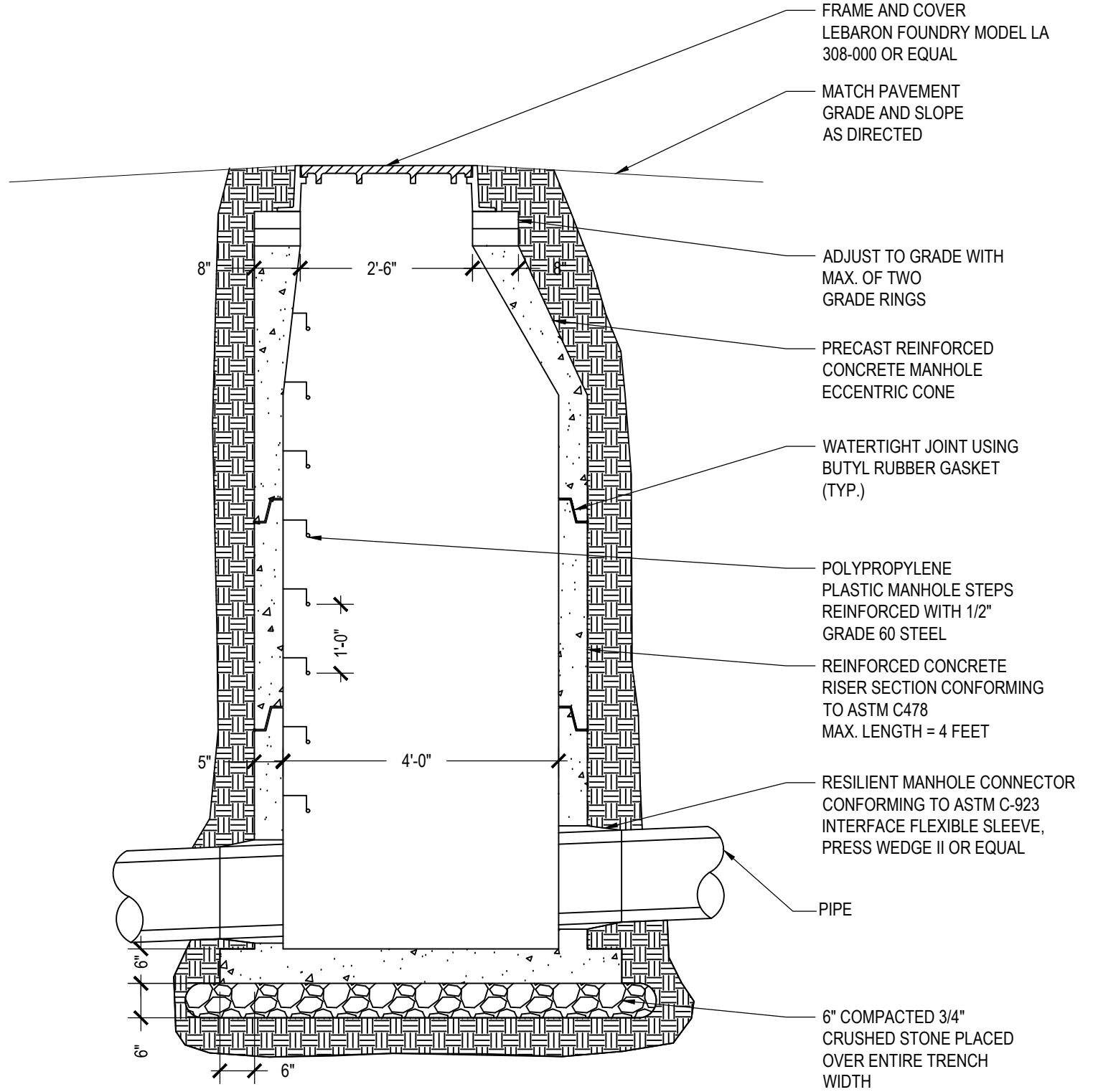
**MODULAR CONCRETE BLOCK RETAINING WALL**  
 SCALE: NONE



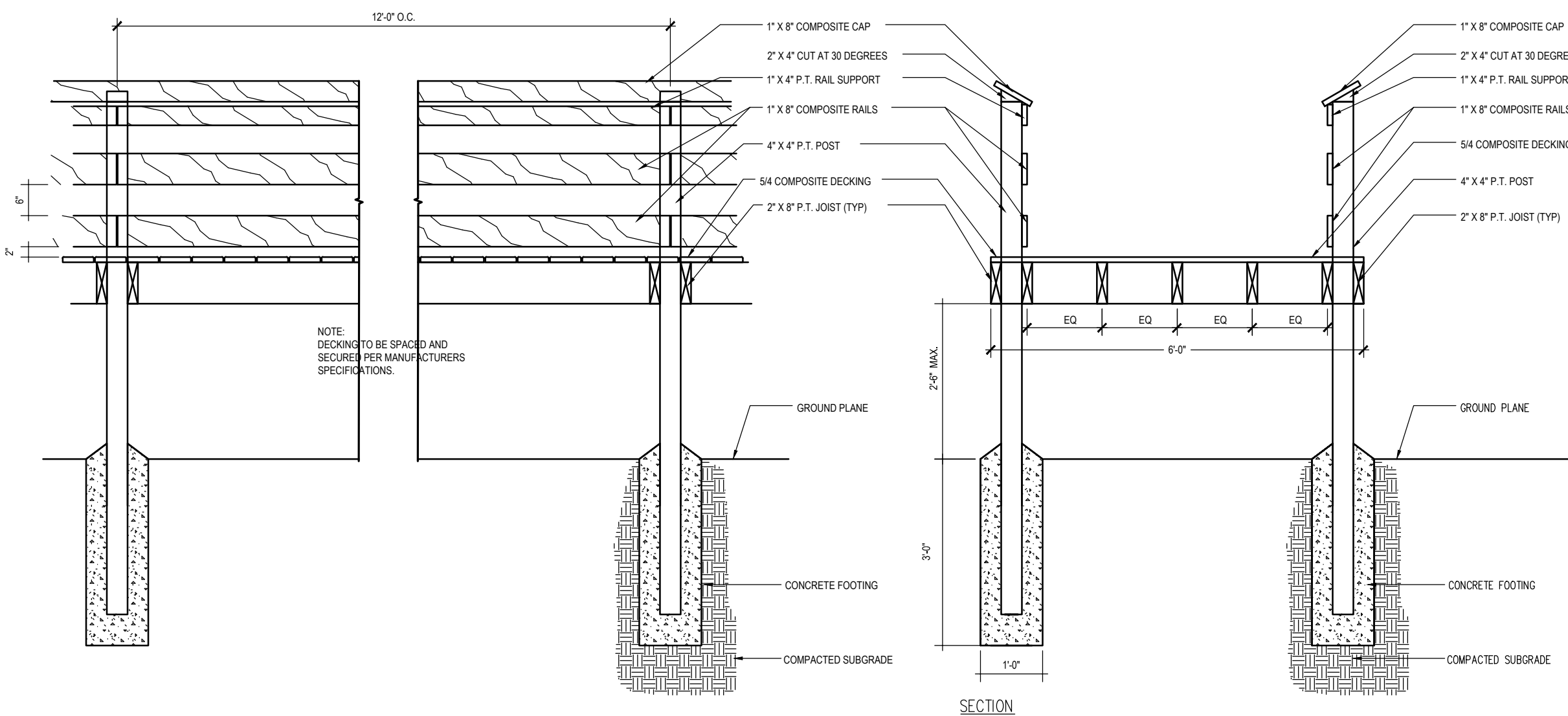
**PARALLEL RAMP WITHOUT NON-WALKING SURFACE  
 (CONNDOT TYPE 9)**  
 SCALE: NONE



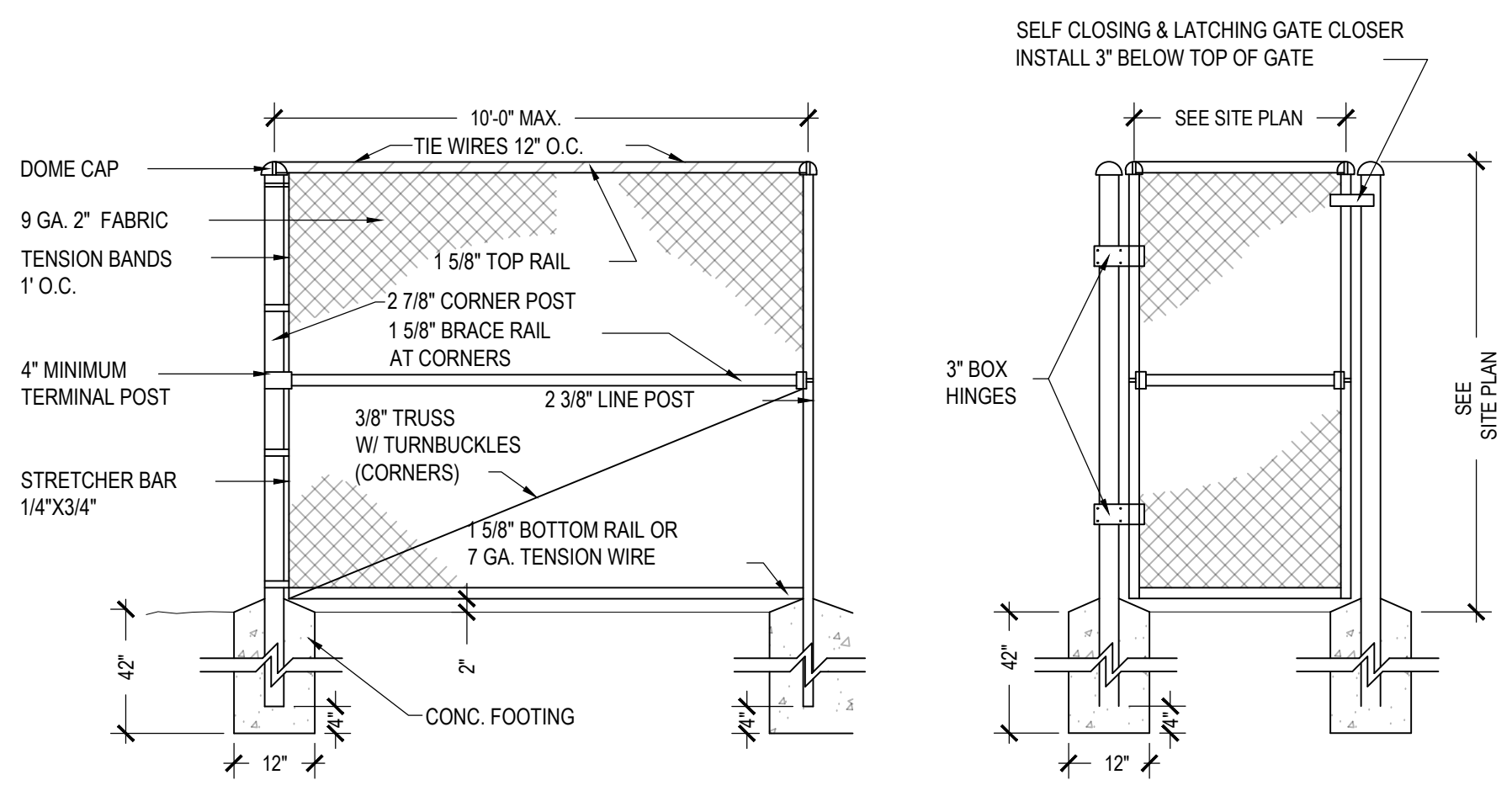
**SINGLE DIRECTION - RETURN CURB WITH NON-WALKING SURFACE (CONNDOT TYPE 16)**  
 SCALE: NONE



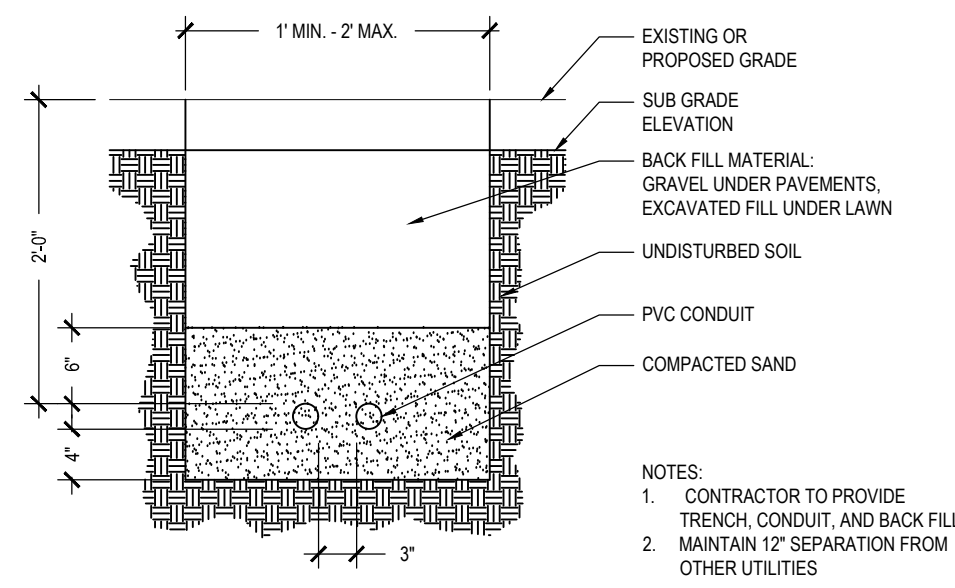
**DRAIN MANHOLE**  
 SCALE: NONE



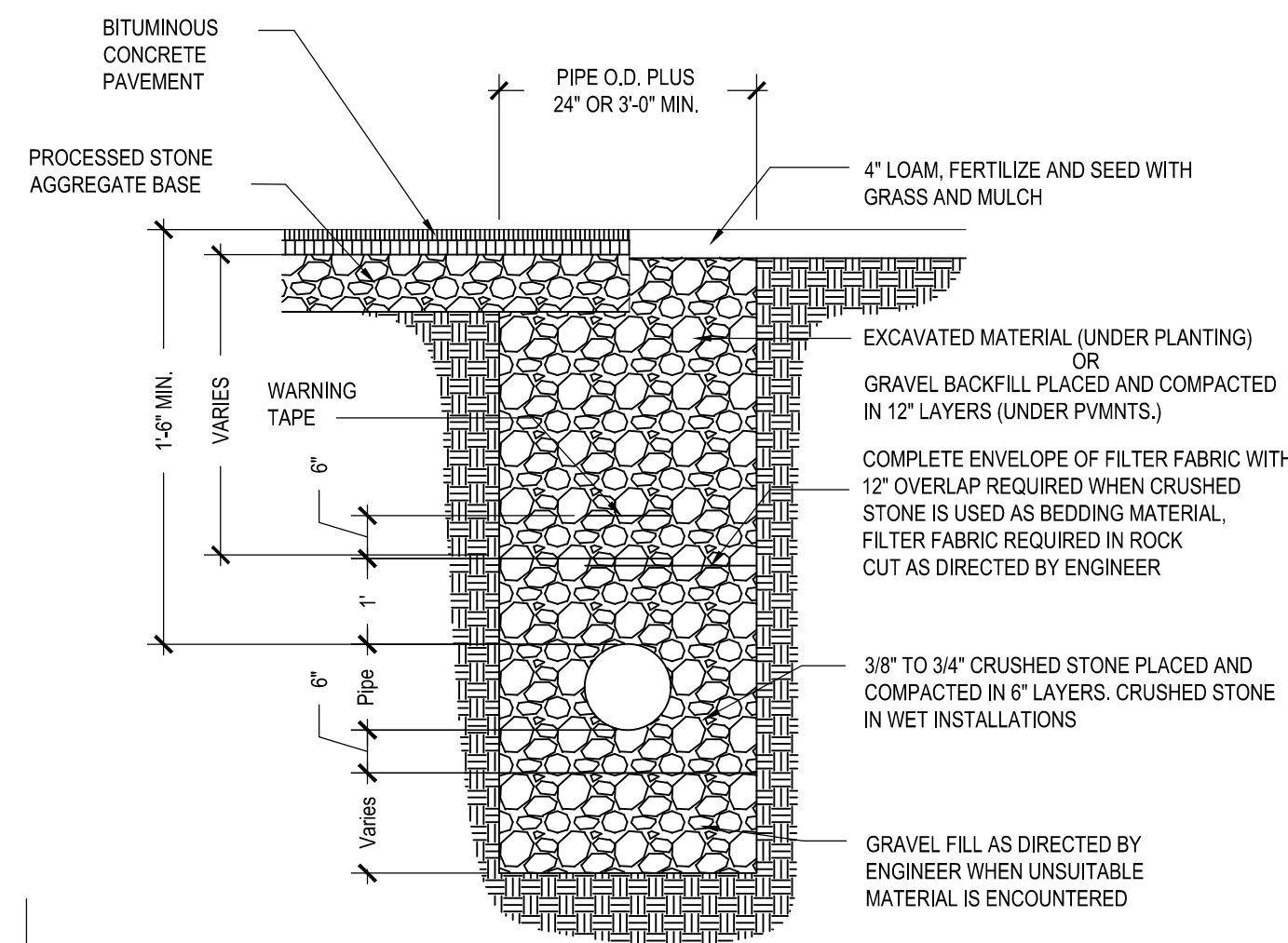
**BOARDWALK**



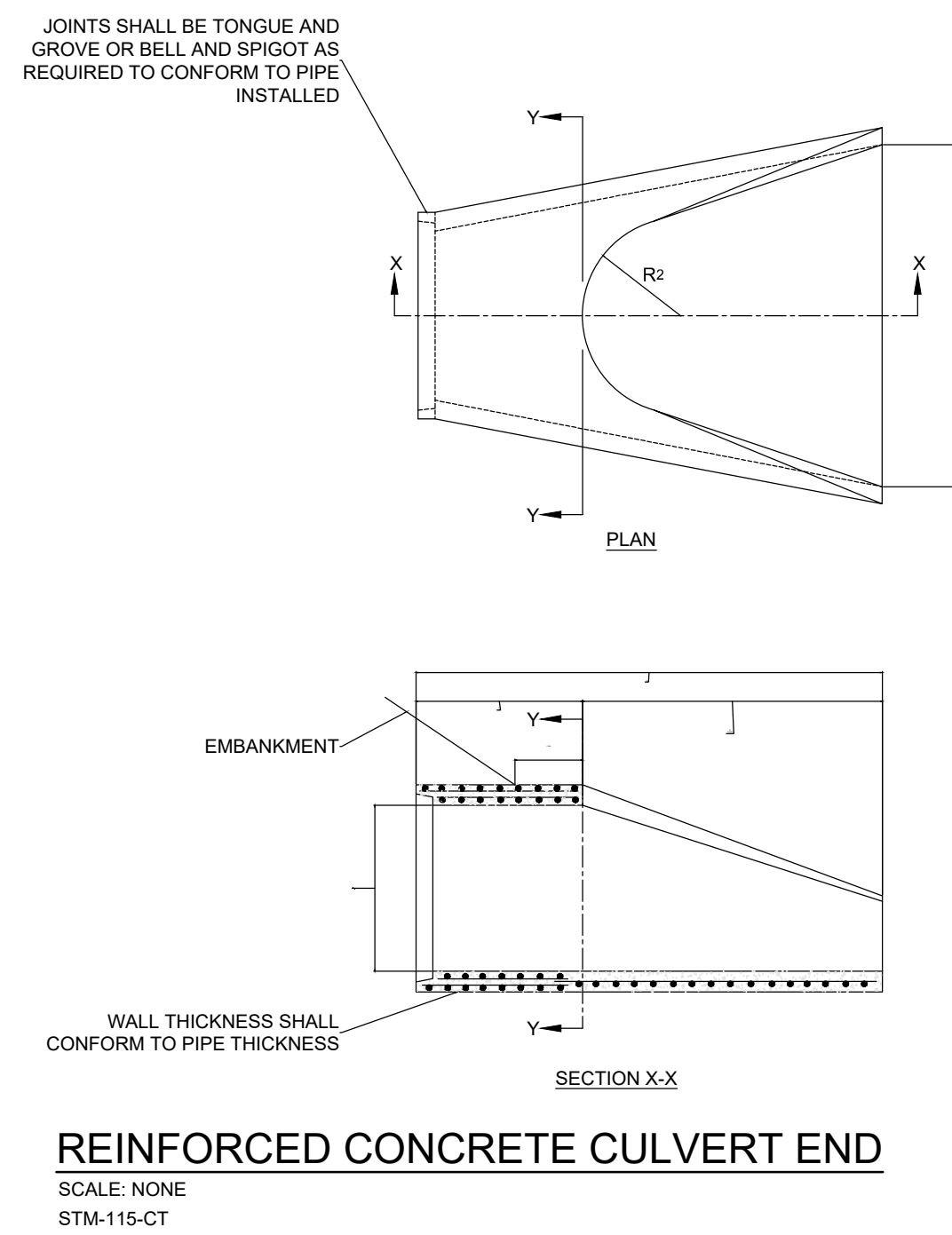
**CHAIN LINK FENCE & GATE**



**ELECTRICAL TRENCH**  
SCALE: NONE

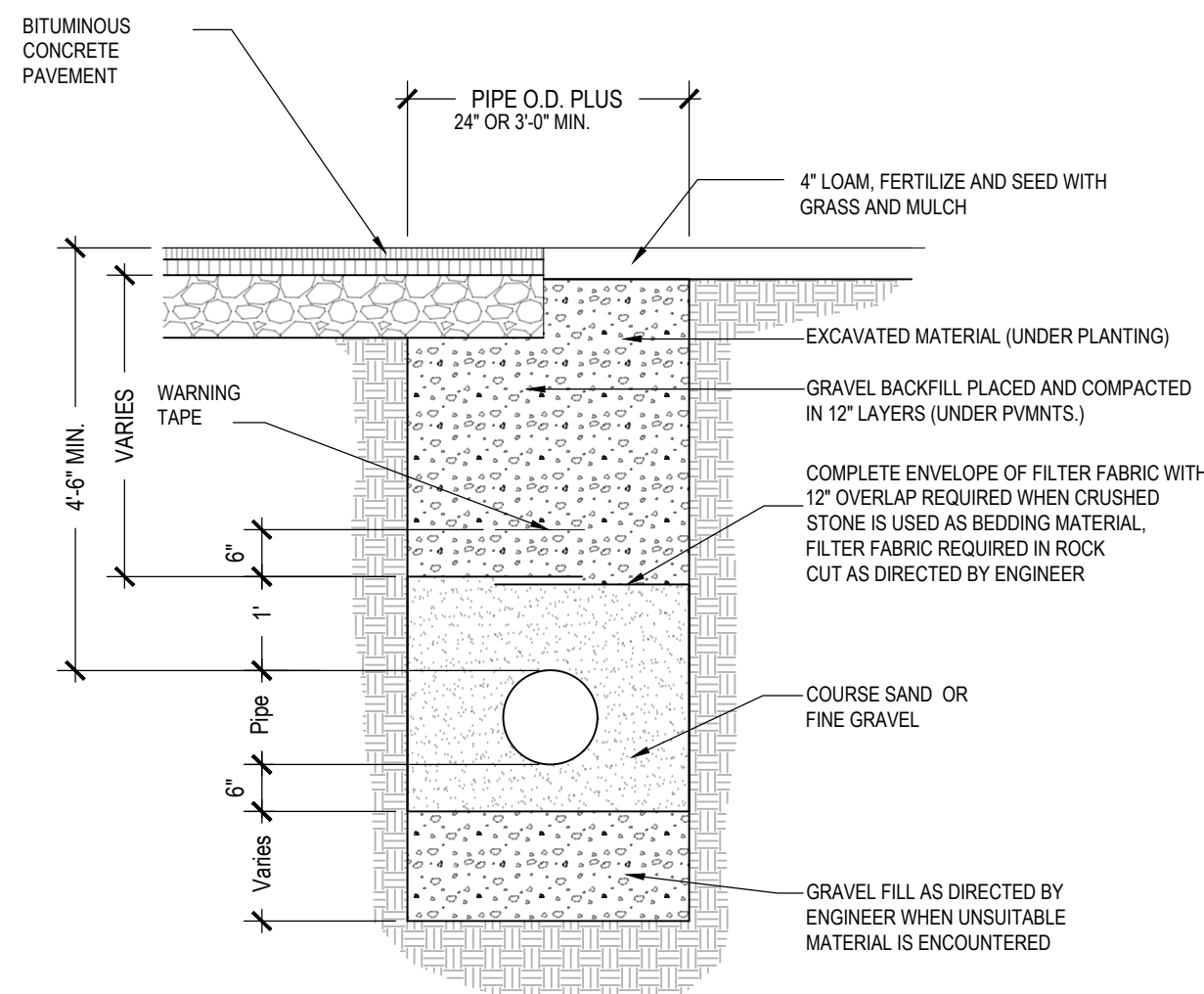
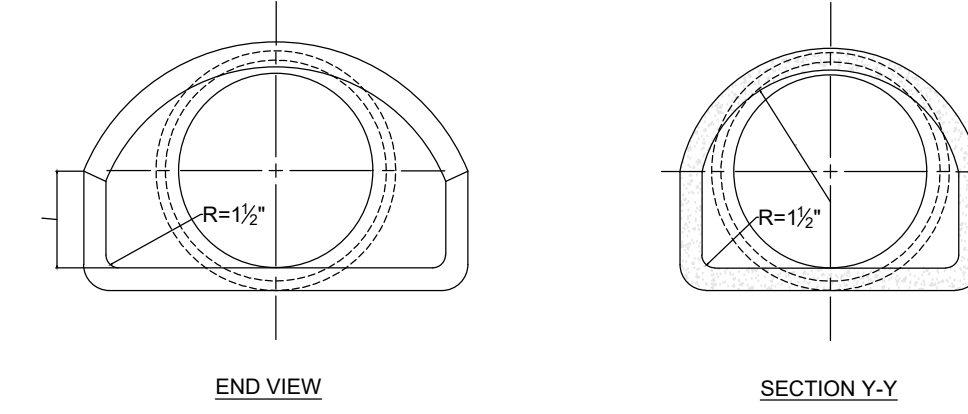


**STORM TRENCH**  
SCALE: NONE

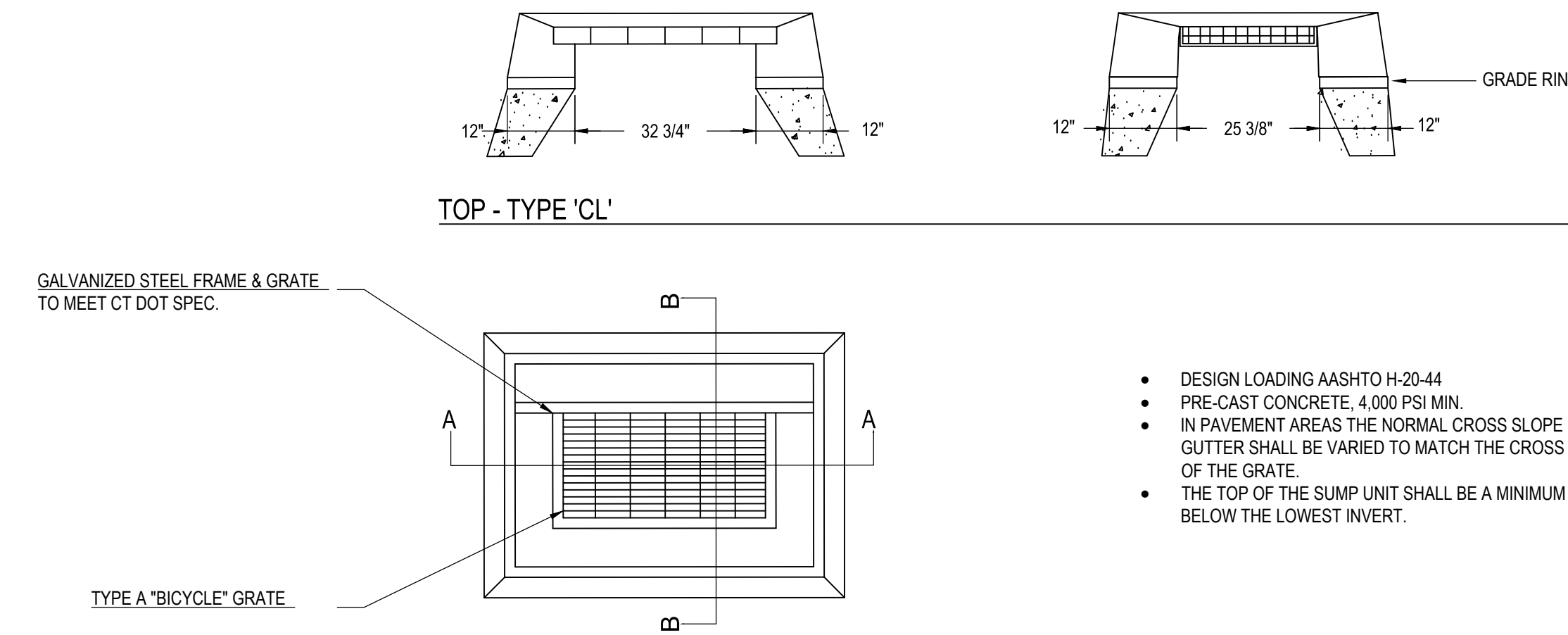


**REINFORCED CONCRETE CULVERT END**  
SCALE: NONE  
STM-115-CT

DIA.	DIMENSIONS FOR REINFORCED CONCRETE CULVERT END										FLARE REINFORCEMENT	
	A	B	C	D	E	F	R1	R2	MIN. AREA OF LONG STEEL SQ. IN. PER FT.	MIN. AREA OF TRANS. STEEL SQ. IN. PER FT.		
12"	4"	2'-0"	4'-0 1/2"	6'-0 1/2"	2'-0"	1'-7 1/2"	10 1/2"	9"	0.048	0.048		
15"	6"	2'-3"	3'-10"	6'-1"	2'-6"	2'-0 1/2"	1'-0 1/2"	11"	0.054	0.054		
18"	9"	2'-3"	3'-10"	6'-1"	3'-0"	2'-5"	1'-3 1/2"	1'-0"	0.060	0.060		
21"	9"	2'-11"	3'-2"	6'-1"	3'-6"	2'-7 1/2"	1'-4"	1'-1"	0.066	0.066		
24"	9 1/2"	3'-7 1/2"	2'-6"	6'-1 1/2"	4'-0"	2'-9 1/2"	1'-4 3/4"	1'-2"	0.072	0.072		
30"	1'-0"	4'-6"	1'-7 1/2"	6'-1 1/2"	5'-0"	3'-1"	1'-6 1/2"	1'-3"	0.084	0.084		
36"	1'-3"	5'-3"	2'-10 1/2"	8'-1 1/2"	6'-0"	3'-11 1/2"	2'-0 1/2"	1'-8"	0.096	0.096		
42"	1'-9"	5'-3"	2'-11"	8'-2"	6'-6"	4'-5 1/2"	2'-3 1/2"	1'-10"	0.108	0.108		
48"	2'-0"	6'-0"	2'-2"	8'-2"	7'-0"	4'-8 1/2"	2'-4 1/2"	1'-10"	0.120	0.120		
54"	2'-3"	5'-5"	2'-11"	8'-4"	7'-6"	5'-5 1/2"	2'-9 1/2"	2'-0"	0.132	0.132		
60"	2'-9"	5'-0"	3'-3"	8'-3"	8'-0"	6'-0 1/2"	3'-0 1/4"	2'-0"	0.144	0.144		

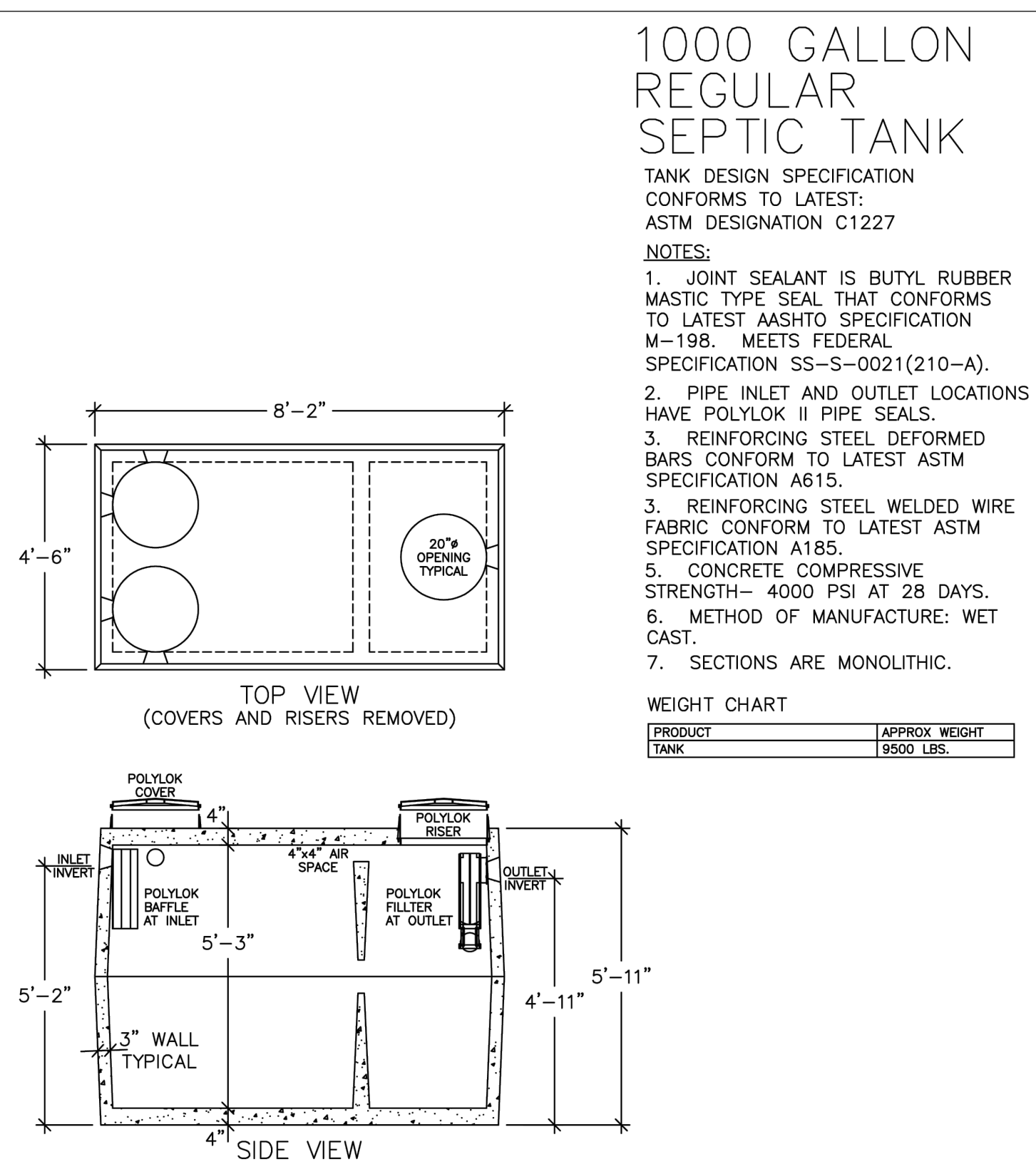


**WATER TRENCH**  
SCALE: NONE



**TYPE A "BICYCLE" GRATE**  
GALVANIZED STEEL FRAME & GRATE TO MEET CT DOT SPEC.

- DESIGN LOADING AASHTO H-20-44
- PRE-CAST CONCRETE, 4,000 PSI MIN.
- IN PAVEMENT AREAS THE NORMAL CROSS SLOPE OF THE GUTTER SHALL BE VARIED TO MATCH THE CROSS SLOPE OF THE GRATE
- THE TOP OF THE SUMP UNIT SHALL BE A MINIMUM OF 6" BELOW THE LOWEST INVERT.

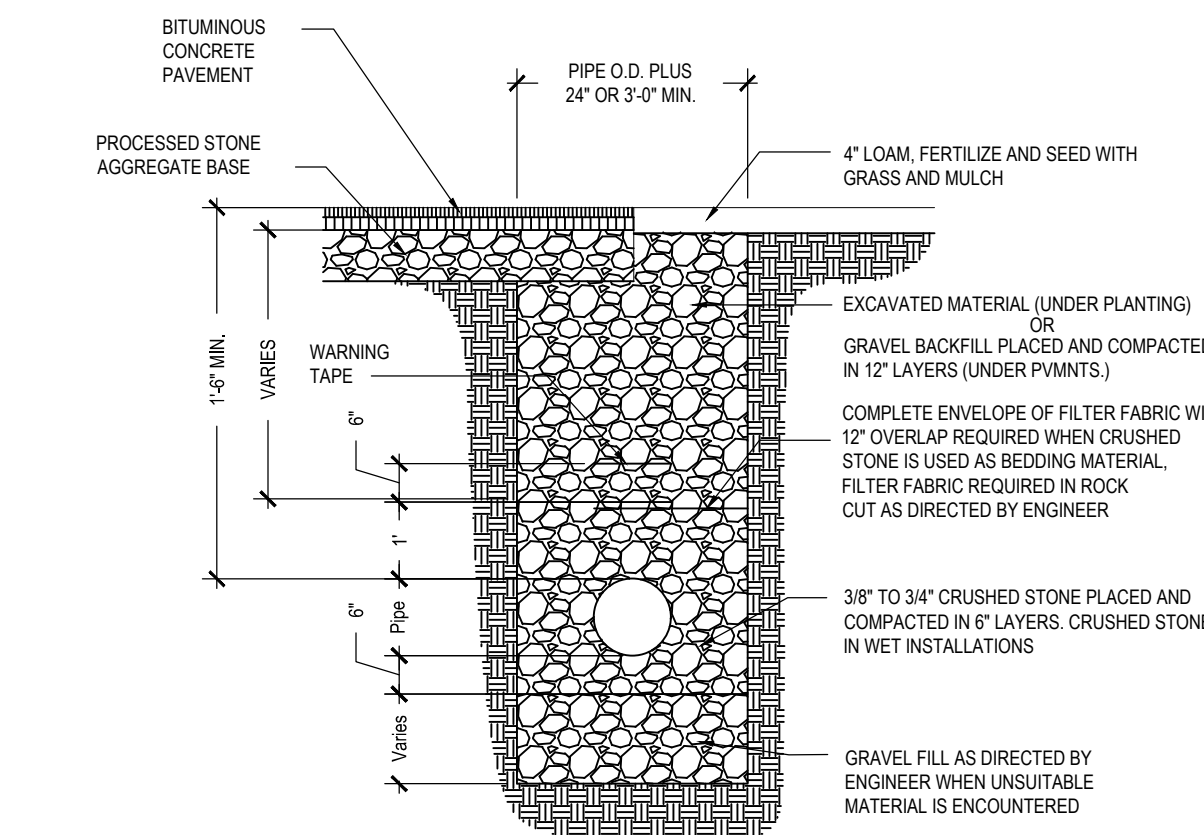


**1000 GALLON REGULAR SEPTIC TANK**  
TANK DESIGN SPECIFICATION CONFORMS TO LATEST ASTM DESIGNATION C1227

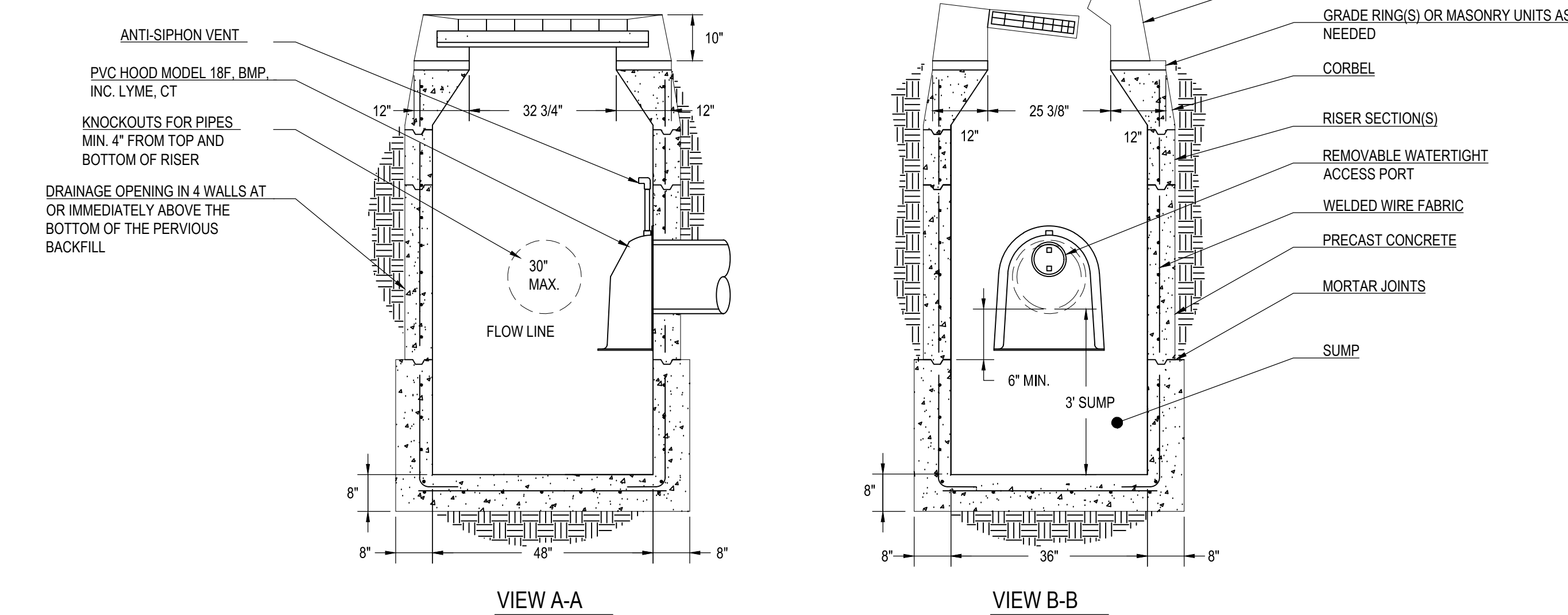
- NOTES:**
- JOINT SEALANT IS BUTYL RUBBER MASTIC TYPE SEAL THAT CONFORMS TO LATEST AASHTO SPECIFICATION M-198. MEETS FEDERAL SPECIFICATION SS-5-0021 (210-A).
  - PIPE INLET AND OUTLET LOCATIONS HAVE POLYLOK II PIPE SEALS.
  - REINFORCING STEEL DEFORMED BARS CONFORM TO LATEST ASTM SPECIFICATION A615.
  - REINFORCING STEEL WELDED WIRE FABRIC CONFORM TO LATEST ASTM SPECIFICATION A185.
  - CONCRETE COMPRESSIVE STRENGTH- 4000 PSI AT 28 DAYS.
  - METHOD OF MANUFACTURE: WET CAST.
  - SECTIONS ARE MONOLITHIC.

**WEIGHT CHART**

PRODUCT	APPROX. WEIGHT
TANK	9500 LBS.



**SANITARY TRENCH**  
SCALE: NONE



**VIEW A-A**

**VIEW B-B**

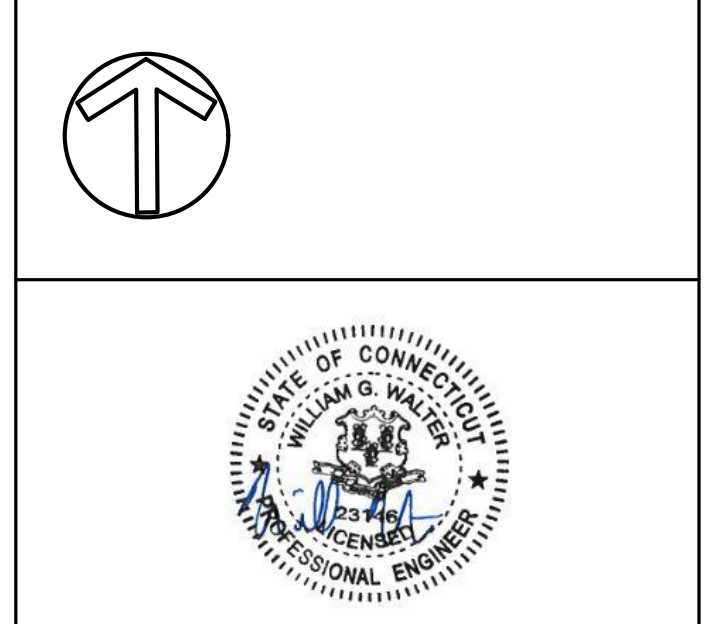
SCALE: NONE



Prepared for:  
**THE LITTLE GUILD ANIMAL SHELTER**  
285 SHARON GOSHEN TURNPIKE WEST CORNWALL, CT

DATE:	REVISION:

KEY PLAN  
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