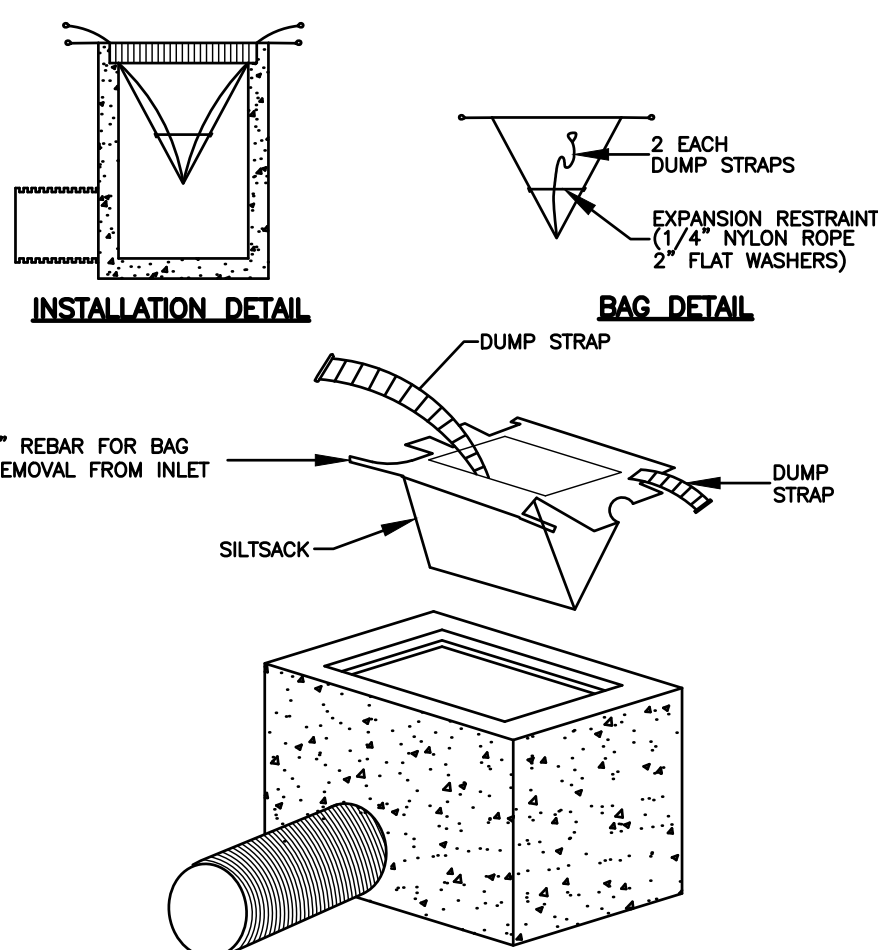
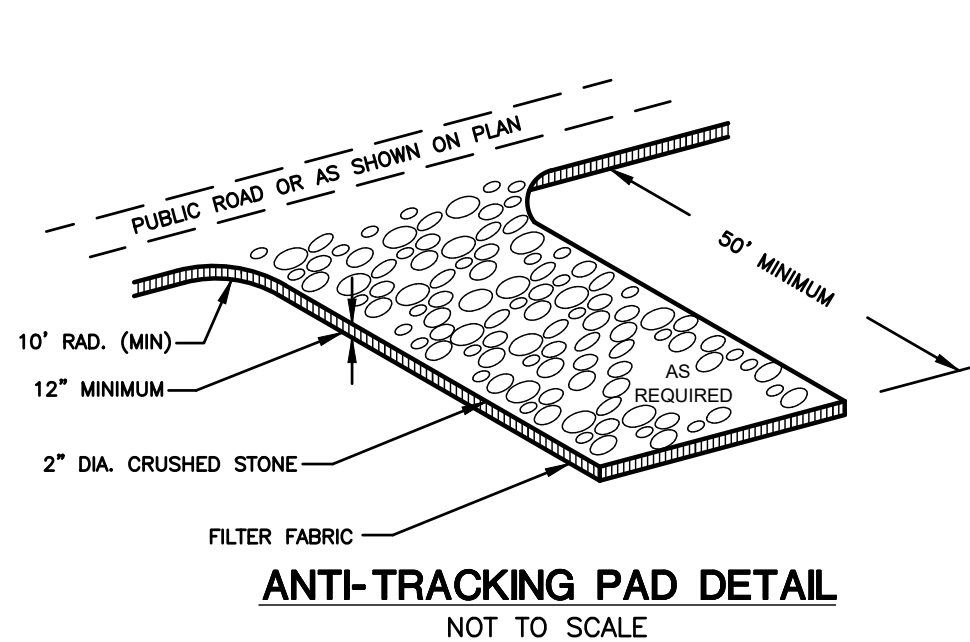


1. THE EROSION AND SEDIMENTATION CONTROL PLAN AND DETAILS HAVE BEEN DEVELOPED AS A STRATEGY TO CONTROL SOIL EROSION AND SEDIMENTATION DURING AND AFTER CONSTRUCTION. THIS PLAN IS BASED ON THE "2024 CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL" BY THE CONNECTICUT COUNCIL ON SOIL AND WATER CONSERVATION IN COOPERATION WITH THE CONNECTICUT DEEP.
2. THE PROPOSED LOCATIONS OF SEDIMENT AND EROSION CONTROL MEASURES ARE SHOWN ON THE PLANS. THE CONTRACTOR SHALL PROVIDE SILT FENCE, STONE CHECK DAMS AND/OR OTHER EROSION CONTROL MEASURES AS NEEDED OR DIRECTED BY THE ENGINEER OR TOWN STAFF TO ADEQUATELY PREVENT SEDIMENT TRANSPORT.
3. EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO SITE DISTURBANCE.
4. TOWN STAFF SHALL BE NOTIFIED PRIOR TO THE START OF CONSTRUCTION TO INSPECT SEDIMENTATION AND EROSION CONTROL MEASURES
5. THE CONTRACTOR SHALL INSPECT, REPAIR AND/OR REPLACE EROSION CONTROL MEASURES EVERY 7 DAYS AND IMMEDIATELY FOLLOWING ANY SIGNIFICANT RAINFALL OR SNOW MELT. SEDIMENT DEPOSITS MUST BE REMOVED WHEN DEPOSITS REACH APPROXIMATELY ONE HALF THE HEIGHT OF THE BARRIER. SEDIMENT CONTROL DEVICES SHALL REMAIN IN PLACE AND BE MAINTAINED BY THE CONTRACTOR UNTIL AREAS UPSLOPE ARE PERMANENTLY STABILIZED.
6. STAKED HAY BALE SILT BARRIERS AND/OR SILT FENCE SHALL BE INSTALLED AROUND ANY TEMPORARY STOCKPILE AREAS. TEMPORARY VEGETATIVE COVER MAY BE REQUIRED (SEE NOTES).
7. INLET SEDIMENTATION CONTROL DEVICES SHALL BE INSTALLED UNDER THE GRATES OF ALL NEW CATCH BASINS AT THE TIME OF INSTALLATION, AND UNDER THE GRATES OF EXISTING CATCH BASINS IN THE CONSTRUCTION AREA.
8. CONTINUOUS DUST CONTROL USING WATER OR APPROVED EQUAL SHALL BE PROVIDED FOR ALL EARTH STOCKPILES, EARTH PILED ALONG EXCAVATIONS, SURFACES OF BACKFILLED TRENCHES AND GRAVELED ROADWAY SURFACES. **THE USE OF CALCIUM CHLORIDE FOR DUST CONTROL SHALL BE PROHIBITED.**
9. IF DEWATERING IS NECESSARY DURING ANY TIME OF CONSTRUCTION A CLEAR WATER DISCHARGE SHALL BE PROVIDED.
10. ALL DISTURBED AREAS SHALL BE RESTORED PER THE SLOPE STABILIZATION AND PERMANENT VEGETATION DETAILS. ALL DISTURBED AREAS THAT ARE SLOPED LESS THAN THREE HORIZONTAL TO ONE VERTICAL (3:1) SLOPE SHALL BE LOAMED, SEEDED, FERTILIZED AND MULCHED PER THE PERMANENT VEGETATIVE COVER SPECIFICATIONS. EROSION CONTROL MATTING OR STABILIZED HYDROSEED SHALL BE PROVIDED ON ALL DISTURBED AREAS THAT ARE SLOPED MORE THAN THREE HORIZONTAL TO ONE VERTICAL (3:1).
11. IF FINAL SEEDING OF DISTURBED AREAS IS NOT TO BE COMPLETED BEFORE OCTOBER 15, THE CONTRACTOR SHALL PROVIDE TEMPORARY MULCHING (DORMANT SEEDING MAY BE ATTEMPTED AS WELL) TO PROTECT THE SITE AND DELAY PERMANENT SEEDING.
12. WHEN FEASIBLE, TEMPORARY SEEDING OF DISTURBED AREAS THAT HAVE NOT BEEN FINISHED GRADED SHALL BE COMPLETED PRIOR TO OCTOBER 15.
13. ANY EROSION WHICH OCCURS WITHIN THE DISTURBED AREAS SHALL BE IMMEDIATELY REPAIRED AND STABILIZED. DURING THE CONSTRUCTION PHASE, INTERCEPTED SEDIMENT SHALL BE RETURNED TO THE SITE. POST SEEDING, INTERCEPTED SEDIMENT, IF ANY, SHALL BE DISPOSED OF IN A MANNER APPROVED BY THE TOWN AND ENGINEER.
14. EROSION AND SEDIMENTATION CONTROL MEASURES SHALL REMAIN IN PLACE UNTIL VEGETATION IS RE-ESTABLISHED OR SLOPES ARE STABILIZED AND REMOVAL IS APPROVED BY THE TOWN.
15. UNFORESEEN PROBLEMS WHICH ARE ENCOUNTERED IN THE FIELD SHALL BE SOLVED ACCORDING TO THE "2024 CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL" BY THE CONNECTICUT COUNCIL ON SOIL AND WATER CONSERVATION IN COOPERATION WITH THE CONNECTICUT DEEP.
16. THE OWNER'S REPRESENTATIVE SHALL BE RESPONSIBLE FOR THE EROSION AND SEDIMENTATION CONTROLS
WILLIAM P
P&H CONSTRUCTION
Cell: 860-848-2372
bill@pandhconstruction.com

NOTE: THE CONTRACTOR SHALL CONTINUALLY STORE THE FOLLOWING MATERIALS ONSITE DURING CONSTRUCTION TO MEET UNEXPECTED EROSION NEEDS

- * 100 LF OF SILT FENCE
- * 10 HAY BALES
- * 10 CY OF WOOD CHIPS OR CRUSHED STONE



NOTE:
TO BE PROVIDED IN ALL NEW CATCH BASINS AT THE TIME OF INSTALLATION
AND WITHIN BASINS ADJACENT TO THE WORK AREA PRIOR TO THE START
OF CONSTRUCTION

INLET SEDIMENT CONTROL DEVICE DETAIL

NOT TO SCALE

A TEMPORARY SEEDING OF RYE GRASS WILL BE COMPLETED WITHIN 15 DAYS OF THE FORMATION OF STOCKPILES. IF THE SOIL IN THE STOCKPILES HAS BEEN COMPACTED BY CONSTRUCTION OPERATIONS, IT SHALL BE LOOSENED TO A DEPTH OF 7.5 INCHES BEFORE THE FERTILIZER, LIME AND SEED IS APPLIED. 10-10-10 FERTILIZER AT A RATE OF 7.5 POUNDS PER 1000 S.F. LIMESTONE AT A RATE OF 90 LBS. PER 1000 S.F. SHALL BE USED. RYE GRASS APPLIED AT A RATE OF 1 LB. PER 1000 S.F. SHALL PROVIDE THE TEMPORARY VEGETATIVE COVER. STRAW FREE FROM WEEDS AND COARSE MATTER SHALL BE USED AT A RATE OF 70-90 LBS. PER 1000 S.F. AS A TEMPORARY MULCH. APPLY MULCH AND DRIVE TRACKED EQUIPMENT UP AND DOWN SLOPE OVER ENTIRE SURFACE SO CLEAT MARKS ARE PARALLEL TO THE CONTOURS.

PERMANENT VEGETATIVE COVER

TOPSOIL WILL BE REPLACED ONCE THE EXCAVATIONS HAVE BEEN COMPLETED AND THE SLOPES ARE GRADED. THIS SHALL BE SHOWN TO THE PLANS. PROVIDE SLOPE PROTECTION AS CALLED FOR ON THE PLANS AND DETAILS. TOPSOIL SHALL BE SPREAD AT A MINIMUM COMPACTED DEPTH OF 8 INCHES. ONCE THE TOPSOIL HAS BEEN SPREAD, ALL STONES TWO INCHES OR LARGER IN ANY DIMENSION WILL BE REMOVED AS WELL AS DEBRIS.

- APPLY AGRICULTURAL GROUND LIMESTONE AT THE RATE OF TWO TONS PER ACRE OR 100 LBS. PER 1000 S.F.
- APPLY 10-10-10 FERTILIZER OR EQUIVALENT AT A RATE OF 300 LBS. PER ACRE OR 7.5 LBS. PER 1000 S.F.
- WORK LIMESTONE AND FERTILIZER INTO THE SOIL TO A DEPTH OF 4 INCHES.
- RESPECT SEEDING RATES BEFORE SEEDING.
- IF TRAFFIC HAS COMPACTED THE SOIL, RETILL COMPACTED AREAS.
- APPLY THE FOLLOWING GRASS SEED MIX:

THE NEW ENGLAND ROADSIDE MATRIX UPLAND SEED MIX BY NEW ENGLAND WETLAND PLANTS, INC.

APPLICATION RATE: 35 LBS/ACRE : 1,250 SF/LB. MIX IS DESIGNED FOR USE ALONG ROADS AND HIGHWAYS. THIS MIX CONTAINS NATIVE GRASSES, WILDFLOWERS, AND SHRUBS THAT ARE BLENDED TOGETHER AS A NATIVE MATRIX SEED MIX. IN AREAS THAT RECEIVE FREQUENT MOWING, THE COLD SEASON GRASSES WILL DOMINATE, SUCH AS THOSE AREAS CLOSEST TO THE ROADWAY SHOULDER. IN AREAS WHERE THE MIX MAY BE MOWN ONLY ONCE EACH YEAR, OR IN HARD TO MOW AREAS, SUCH AS AROUND SIGNPOSTS, THE WILDFLOWER COMPONENT WILL BECOME DOMINANT. ALONG CUTS AND SIDE SLOPES WHICH MAY NEVER BE MOWN, THE SHRUB COMPONENT WILL ADD DIVERSITY AND BEAUTY TO THE ROADSIDE PLANTINGS. IT IS A PARTICULARLY APPROPRIATE SEED MIX FOR ROADSIDES, INDUSTRIAL SITES, OR CUT AND FILL SLOPES. THIS MIX MAY BE APPLIED BY HYDROSEEDING, OR BY MECHANICAL SEEDER. ALWAYS APPLY ON A CLEAN, WEED-FREE SEED BED. AFTER SOWING, LIGHTLY RAKE OR ROLL THE SOIL TO IMPROVE SEED-TO-SOIL CONTACT. BEST RESULTS ARE OBTAINED WITH A MID-LATE SPRING SEEDING. SUMMER SEEDING WILL BENEFIT FROM A LIGHT MULCHING OF CLEAN, WEED-FREE STRAW TO CONSERVE SOIL MOISTURE.

TYPICAL SEED MIXTURE FOR NON-MOWED SLOPES (3:1 OR STEEPER)

CT DEP SEED MIX NO. 26	LBS./ACRE	LBS./1000 SF.
SWITCHGRASS (BLACKWELL, SHELTER, CAVE-IN-ROCK)	4.0	0.10
WIG BLUESTEM (WABRA, KAY)	4.0	0.10
LITTLE BLUESTEM (BLAZE, ALBEND, CAMPER)	2.0	0.05
SAND LOVEGRASS (NE-27, BEND)	1.5	0.03
BIRD'S-FOOT TREFOIL (EMPIRE VIKING)	2.0	0.05
	13.5	0.33

THE RECOMMENDED SEEDING DATES ARE:
APRIL 1 - JUNE 15 AND AUGUST 15 - OCTOBER 15

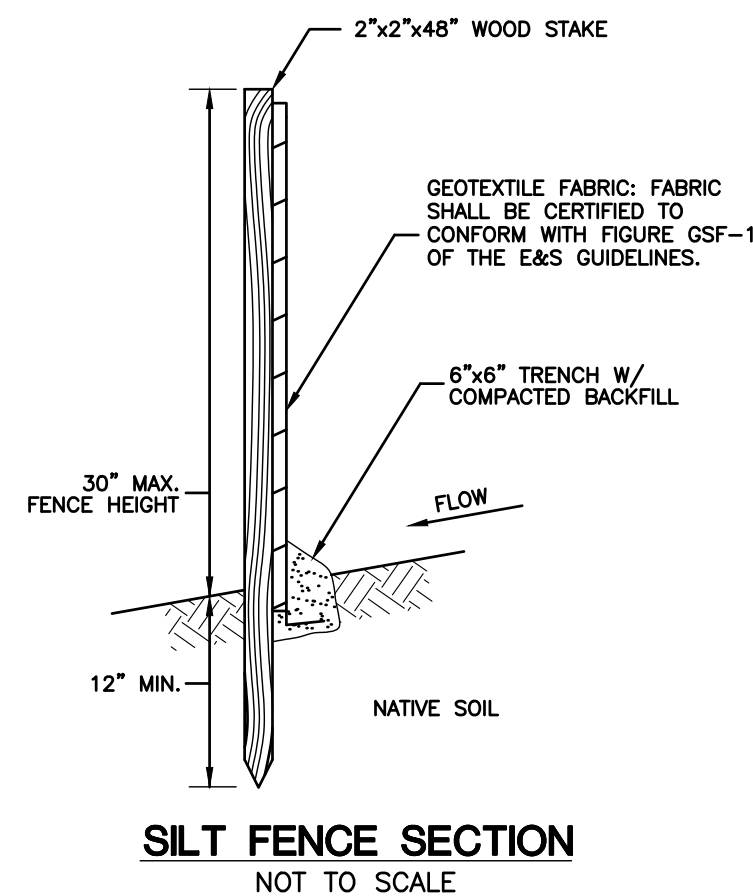
IMMEDIATELY FOLLOWING SEEDING, FIRM SEED BED WITH A ROLLER AND MULCH WITH WEED FREE STRAW. IF PERMANENT VEGETATIVE COVER IS HAS NOT BEEN ESTABLISHED BY OCTOBER 15, APPLY A TEMPORARY VEGETATIVE COVER ON THE TOPSOIL.

SEED MIXTURE FOR SETTLING BASINS SHALL BE THE "NEW ENGLAND EROSION CONTROL/RESTORATION MIX FOR MOIST SITES" FROM NEW ENGLAND WETLAND PLANTS, AMHERST, MA, TELEPHONE NO. 413-548-8000

THE BEST RESULTS ARE OBTAINED WITH A SPRING SEEDING. SUMMER AND FALL SEEDING REQUIRE A LIGHT MULCHING OF WEED FREE STRAW TO CONSERVE MOISTURE. LATE FALL AND WINTER DORMANT SEEDING REQUIRE A 10% INCREASE IN THE SEEDING RATE. FERTILIZATION IS NOT REQUIRED UNLESS THE SOILS ARE PARTICULARLY INFERTILE.

NEW ENGLAND EROSION CONTROL/RESTORATION MIX FOR DETENTION BASINS AND MOIST SITES	35	0.80
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SPECIES: Virginia Wild Rye, (*Elymus virginicus*), Creeping Red Fescue, (*Festuca rubra*), Little Bluestem, (*Schizachyrium scoparium*), Big Bluestem, (*Andropogon gerardii*), Fox Sedge, (*Carex vulpinoidea*), Switch Grass, (*Panicum virgatum*), Rough Bentgrass, (*Agrostis scabra*), New England Aster, (*Aster novae-angliae*), Boneset, (*Eupatorium perfoliatum*), Grass Leaved Goldenrod, (*Euthamia graminifolia*), Green Burdock, (*Scirpus atrovirens*), Blue Vervain, (*Verbena hastata*), Soft Rush, (*Juncus effusus*), Wool Grass, (*Scirpus cyperinus*)



APPROVED BY THE MONTVILLE PLANNING AND ZONING COMMISSION

FINAL APPROVAL: _____

CHAIRMAN SIGNATURE DATE

DATE OF APPROVAL: _____

EXPIRATION DATE: _____

DURING CONSTRUCTION

1. **POLLUTION PREVENTION TEAM:**
THE CONTRACTOR SHALL BE RESPONSIBLE FOR CARRYING OUT THE PROVISIONS OF THIS PLAN.
2. **SWEEPING:**
PARKING LOTS, SIDEWALKS AND OTHER IMPERVIOUS SURFACES BEYOND THE WORK SITE SHALL BE SWEEPED CLEAN OF SAND, SILT AND LITTER DAILY AT THE END OF THE WORK DAY.
3. **OUTSIDE STORAGE:**
ACCESSORIES OR EQUIPMENT STORED OUTSIDE SHALL BE COVERED OR MAINTAINED TO MINIMIZE POSSIBILITY OF THESE MATERIALS OR THEIR RESIDUE PASSING TO STORM WATER.
4. **WASHING:**
NO WASHING OF VEHICLES, ACCESSORIES, EQUIPMENT, OR APPLIANCES IN WORK SITE.
5. **MAINTENANCE AND INSPECTION:**
 - A. THE CONTRACTOR SHALL INSPECT, REPAIR AND/OR REPLACE EROSION CONTROL MEASURES EVERY 7 DAYS AND IMMEDIATELY FOLLOWING ANY RAINFALL OF 1/2" OR MORE, OR SIGNIFICANT SNOW MELT.
 - B. SEDIMENT DEPOSITS MUST BE REMOVED AND DISPOSED OF WHEN THEY REACH THE FOLLOWING LEVELS:
 - SILT FENCE OR SILT BARRIER: THE HEIGHT OF THE SILT FENCE OR HAY BALE BARRIER.
 - INLET SEDIMENT CONTROL DEVICES (SILT SACKS): ONE HALF THE STORAGE VOLUME OF THE DEVICE OR WHEN THE RESTRAINT CORD IS NO LONGER VISIBLE.
 - STONE CHECK DAMS AT INLETS: ONE HALF OF THE TEMPORARY SEDIMENT POOL HEIGHT.
 - C. DAILY DUST CONTROL USING WATER OR APPROVED EQUAL SHALL BE PROVIDED FOR ALL EARTH STOCKPILES, EARTH PILED ALONG EXCAVATIONS, SURFACES OF BACKFILLED TRENCHES AND GRAVELED SURFACES.
 - D. SILT FENCE AND INLET SEDIMENT CONTROL DEVICES SHALL BE REPLACED WITH RIPS OR DETERIORATION IN THE GEOTEXTILE FABRIC ARE FOUND ON INSPECTION. HAY BALES SHALL BE REPLACED IF THEY ARE DETERIORATED OR DISPOSED TO THE POINT WHERE THEY HAVE LOST STRUCTURAL INTEGRITY. CRUSHED STONE SHALL BE REMOVED AND REPLACED IF SILT HAS ACCUMULATED WITH THE STONE VOIDS TO PREVENT THE PASSAGE OF WATER THROUGH THE STONE.
6. **SPILLS OR ACCIDENTAL DISCHARGES:**
 - A. COMPLY WITH STATE AND FEDERAL REGULATIONS TO CONTAIN AND CLEAN UP ANY SPILL OR DISCHARGE AND DISPOSE OF MATERIALS AT AN APPROVED FACILITY.
 - B. CONTACT CONNECTICUT DEEP OIL AND CHEMICAL SPILL RESPONSE DIVISION (860) 424-3338
 - C. THE FOLLOWING STEPS SHOULD BE PERFORMED AS SOON AS POSSIBLE:
 - STOP AT THE SOURCE OF THE SPILL
 - CONTAIN THE SPILL
 - COVER SPILL WITH ABSORBENT MATERIAL SUCH AS KITTY LITER, SAWDUST OR OIL ABSORBENT PADS. DO NOT USE STRAW.
 - DISPOSE OF ABSORBER IN ACCORDANCE WITH LOCAL AND STATE REGULATIONS.

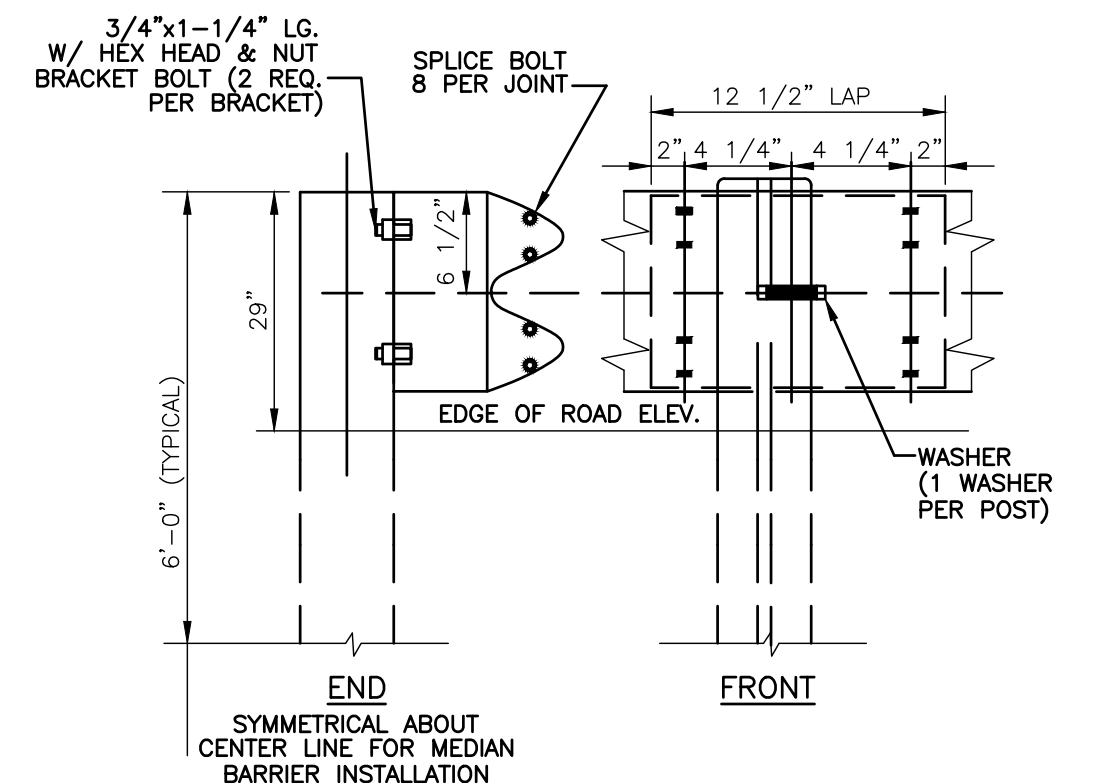
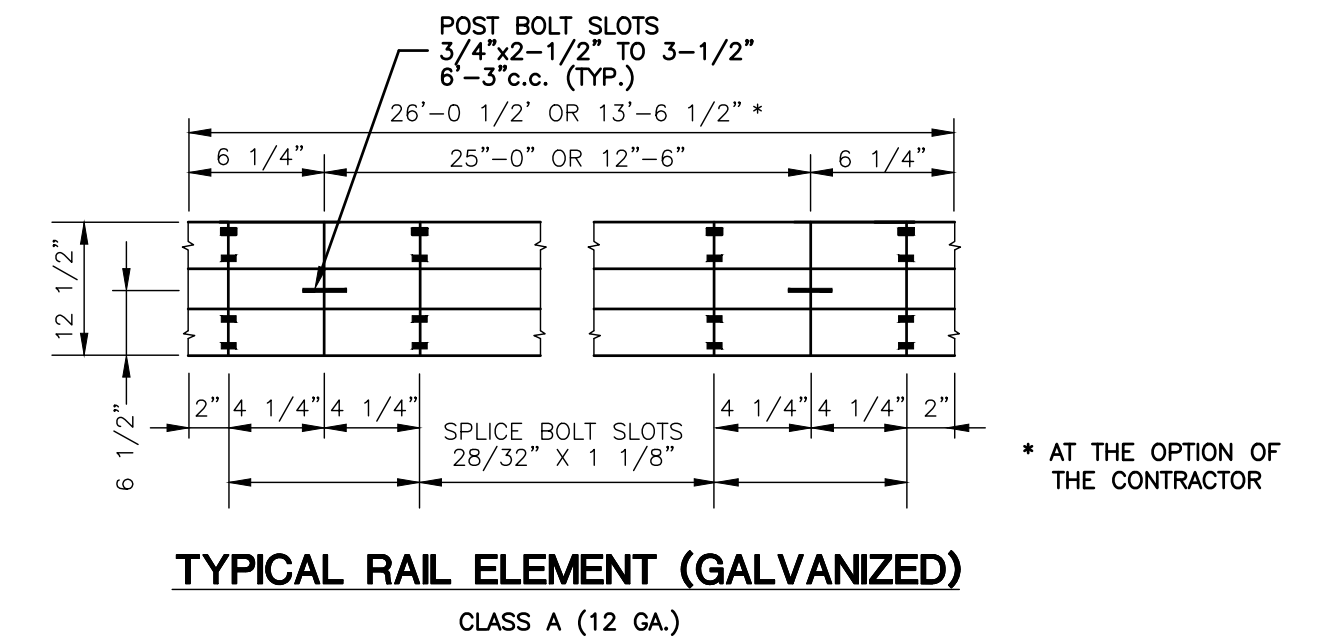
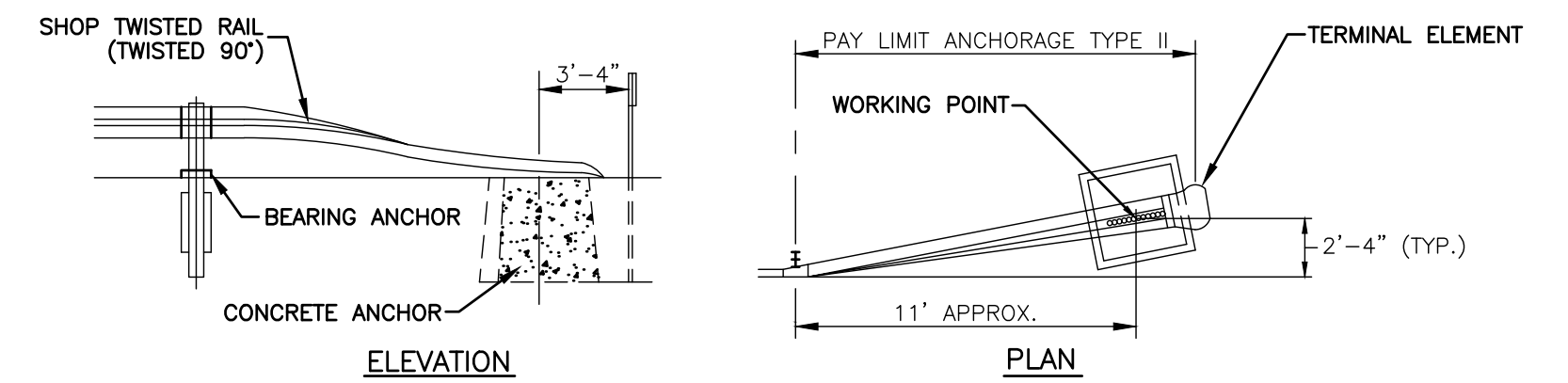
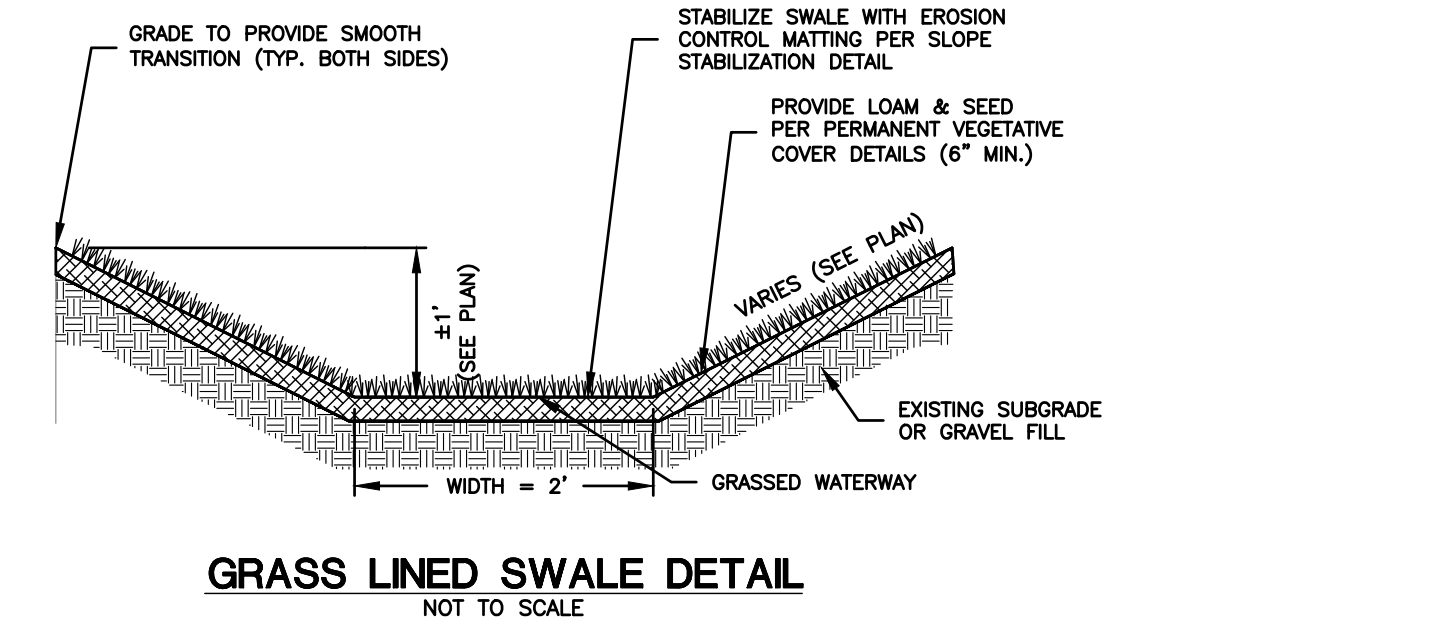
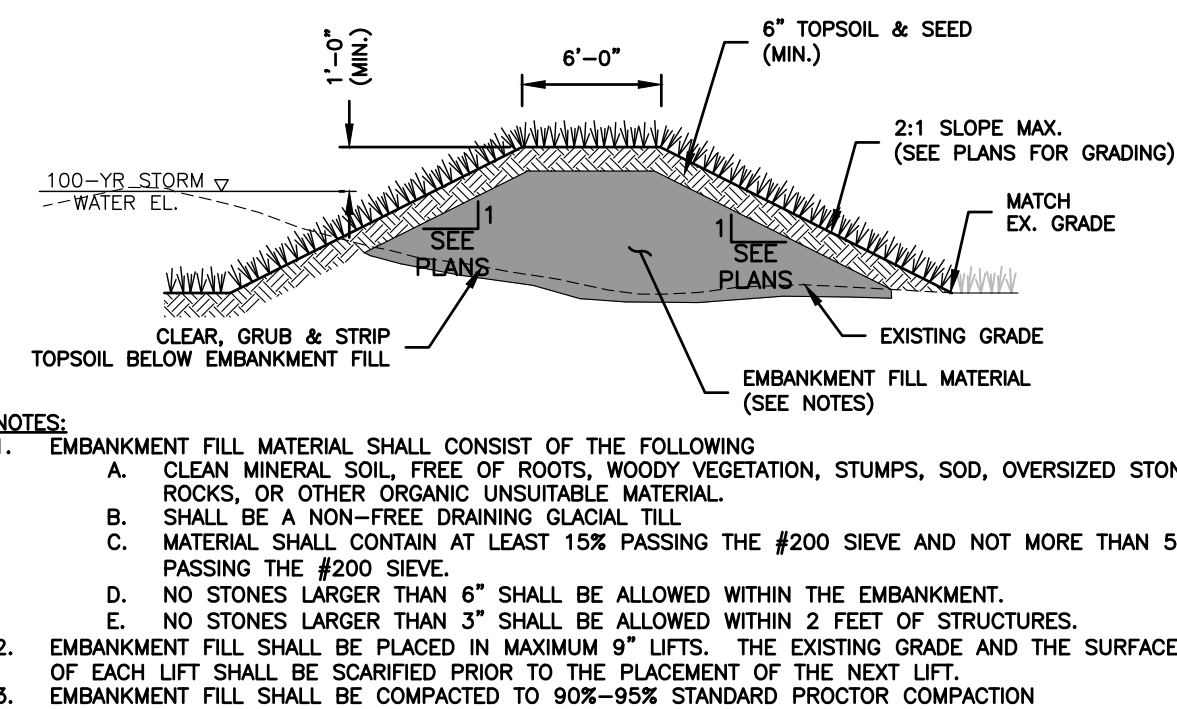
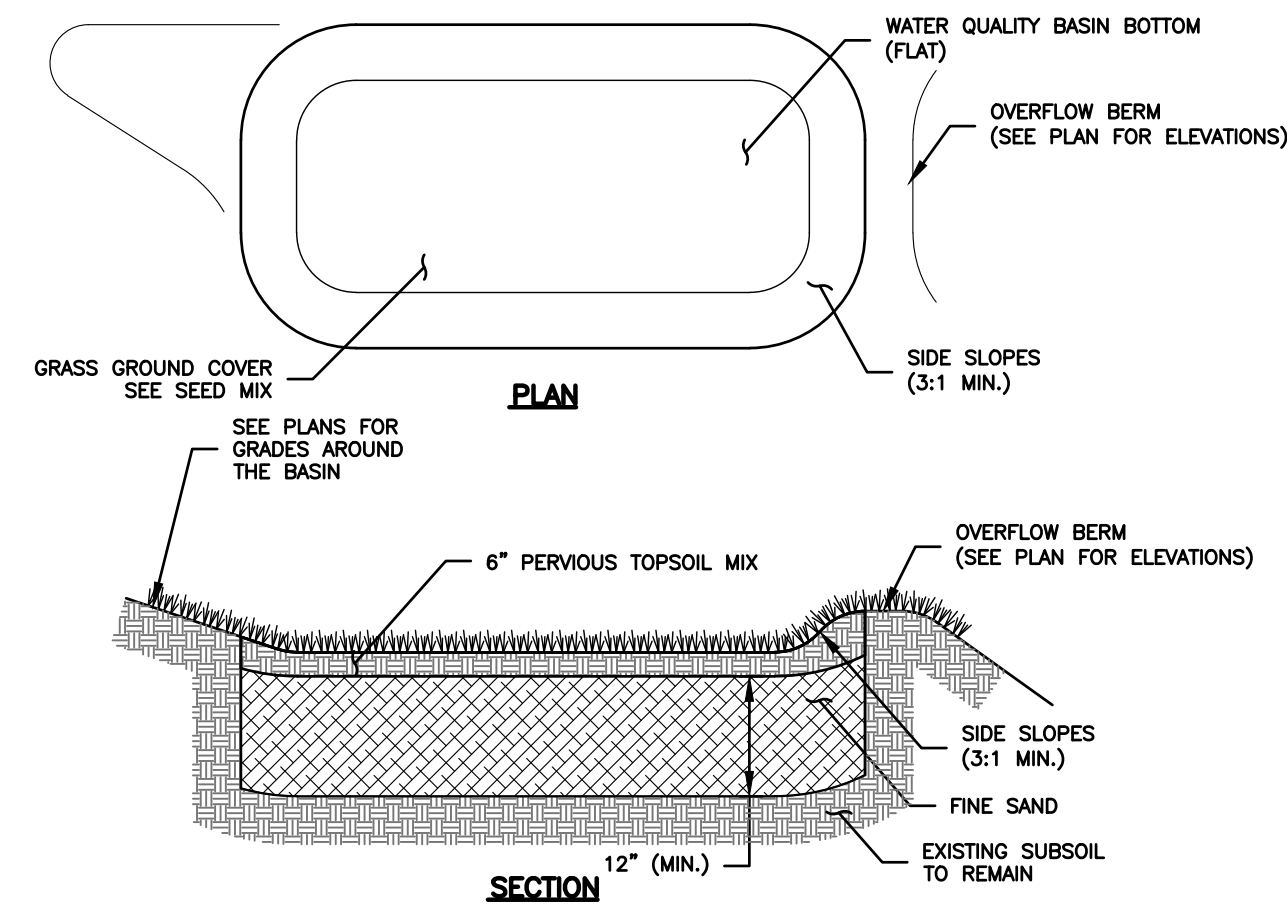
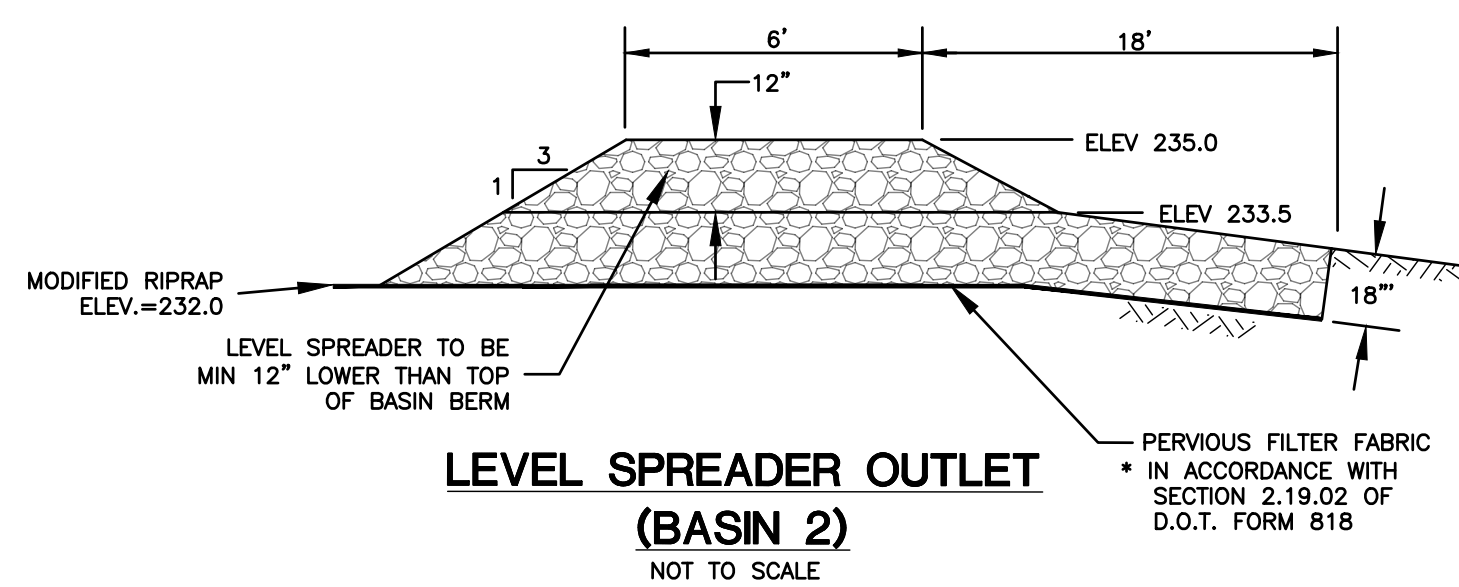
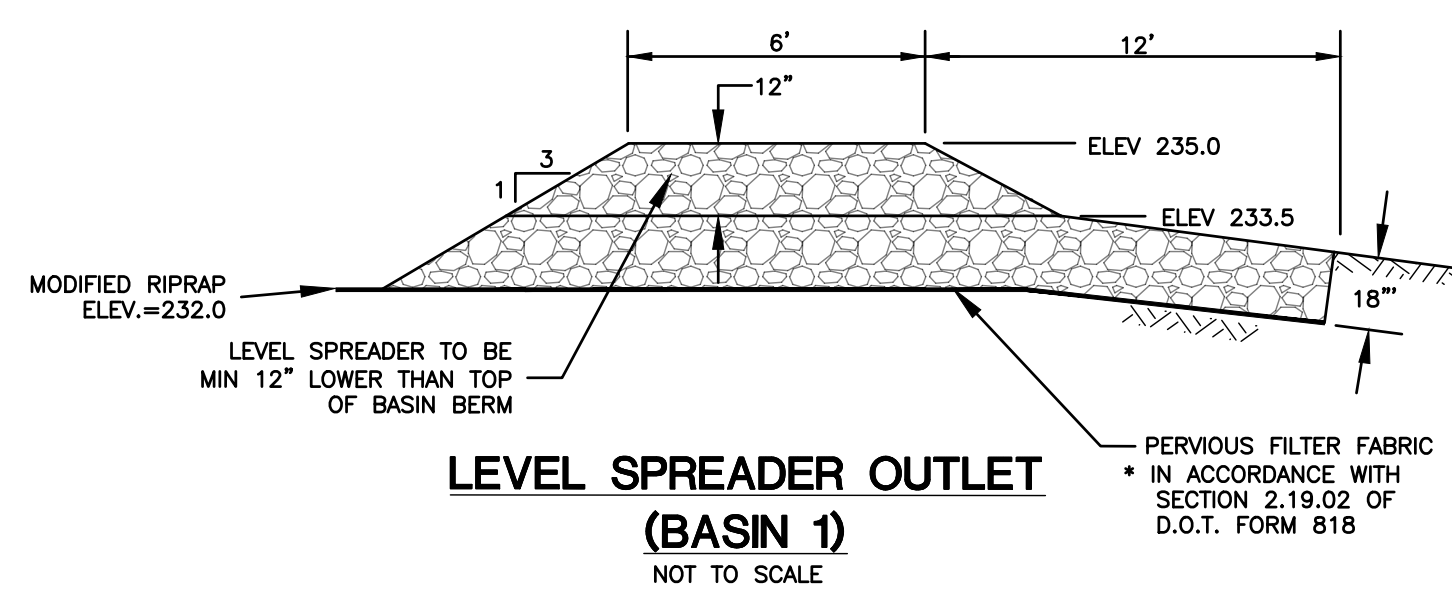
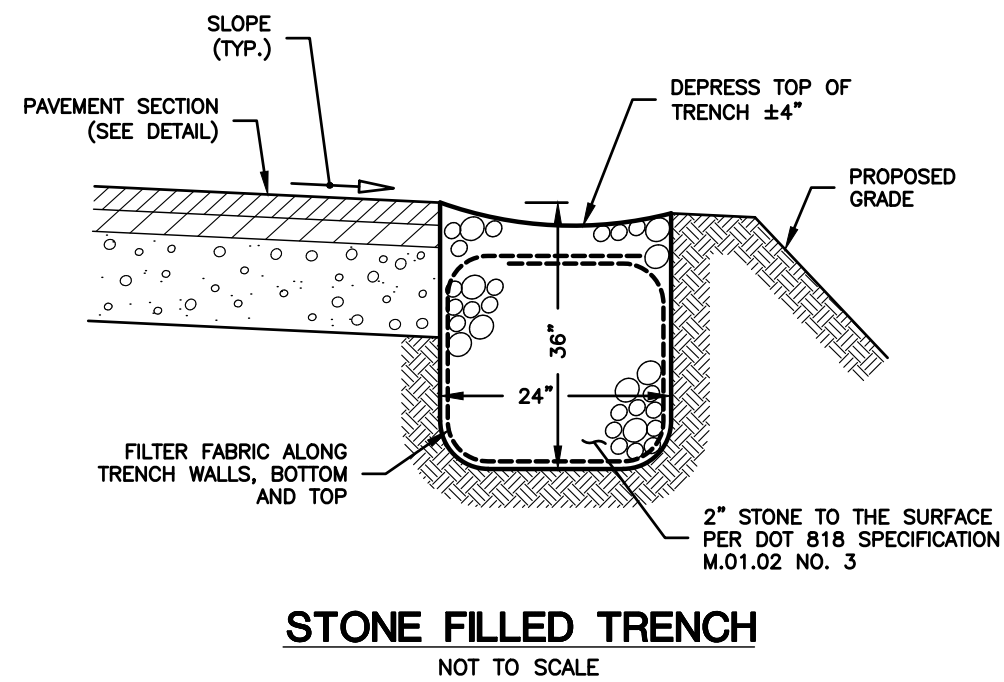
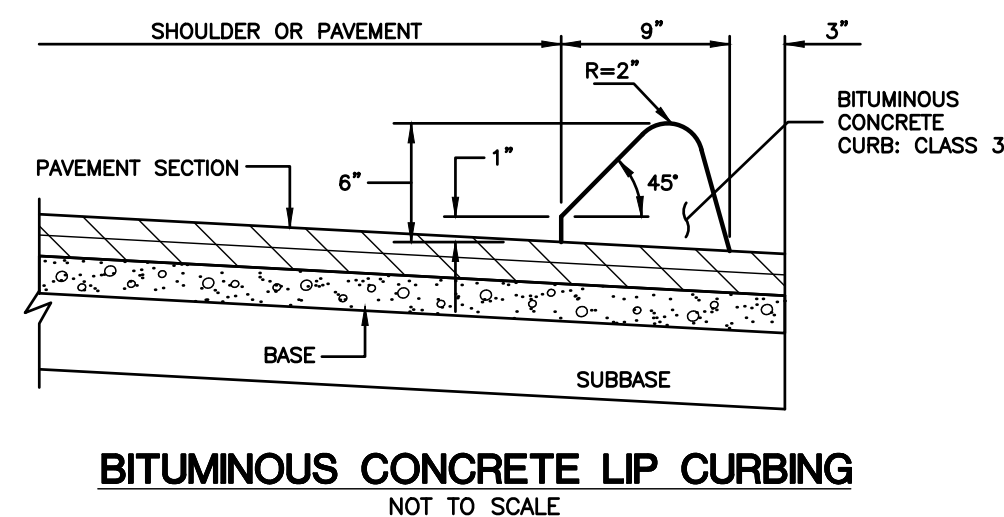
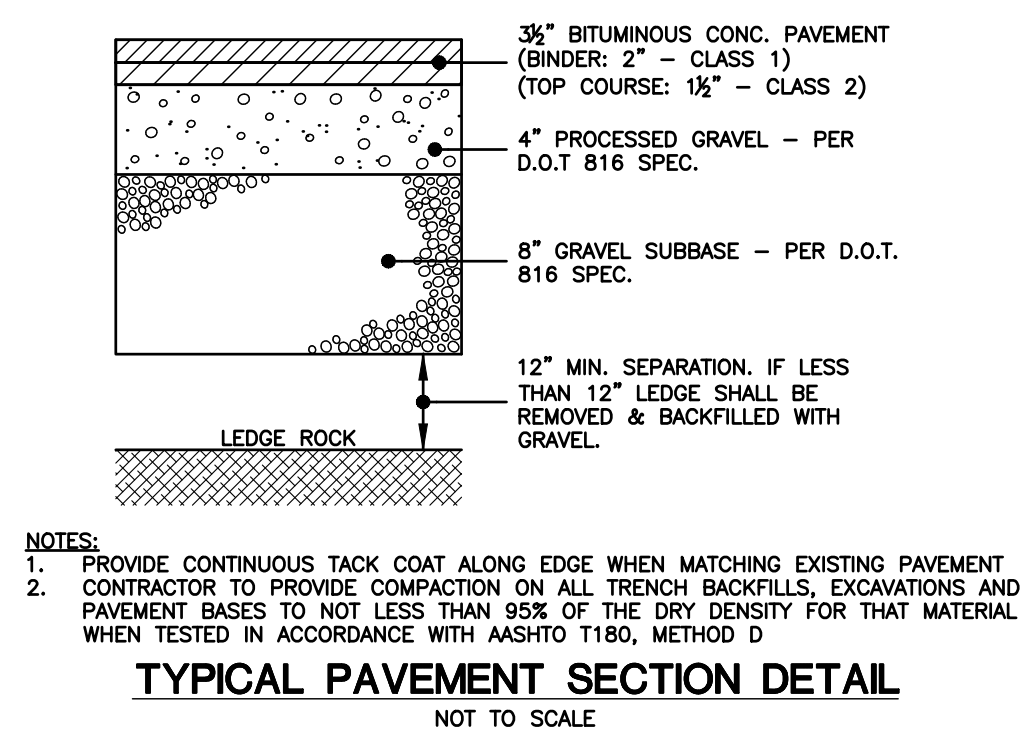
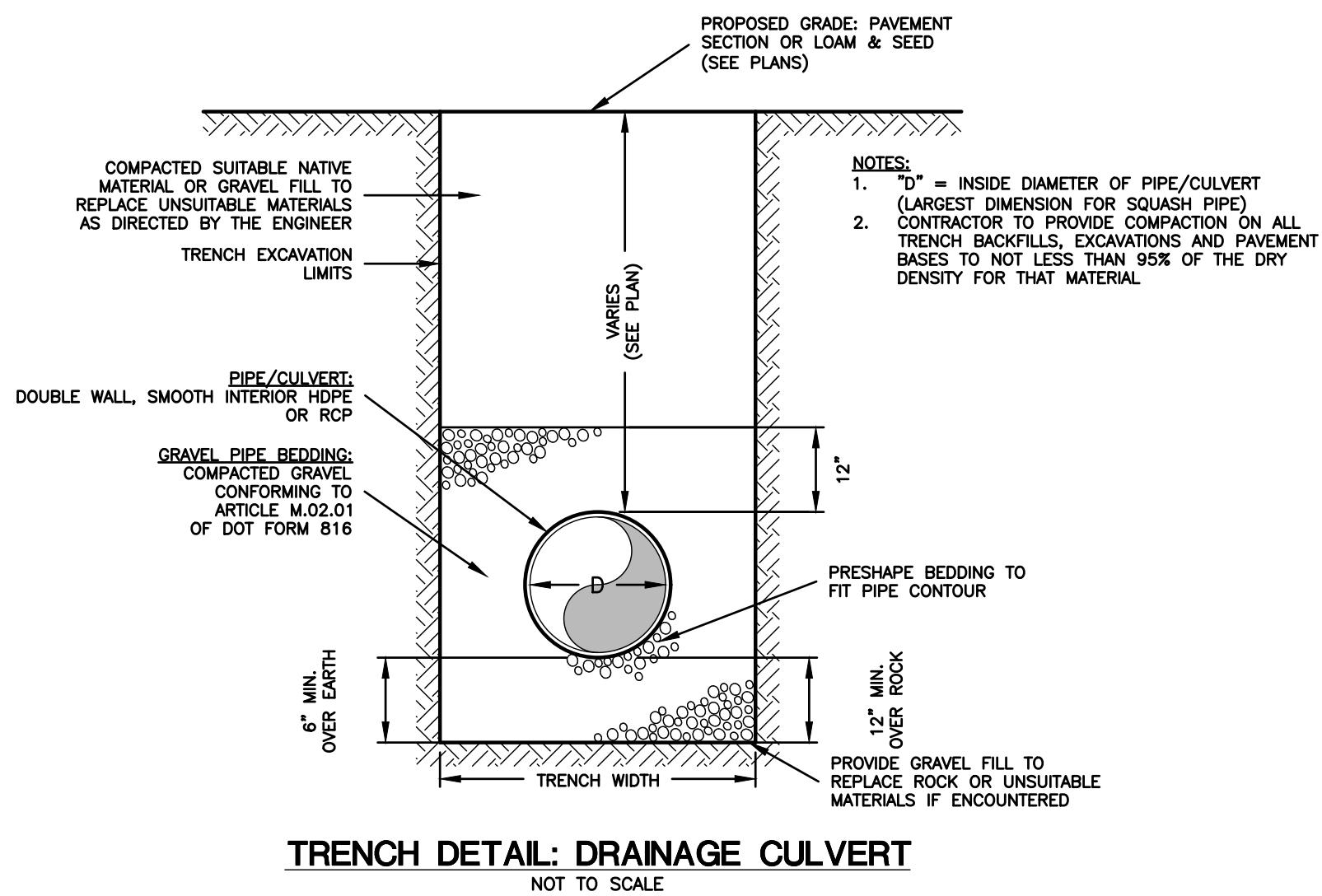
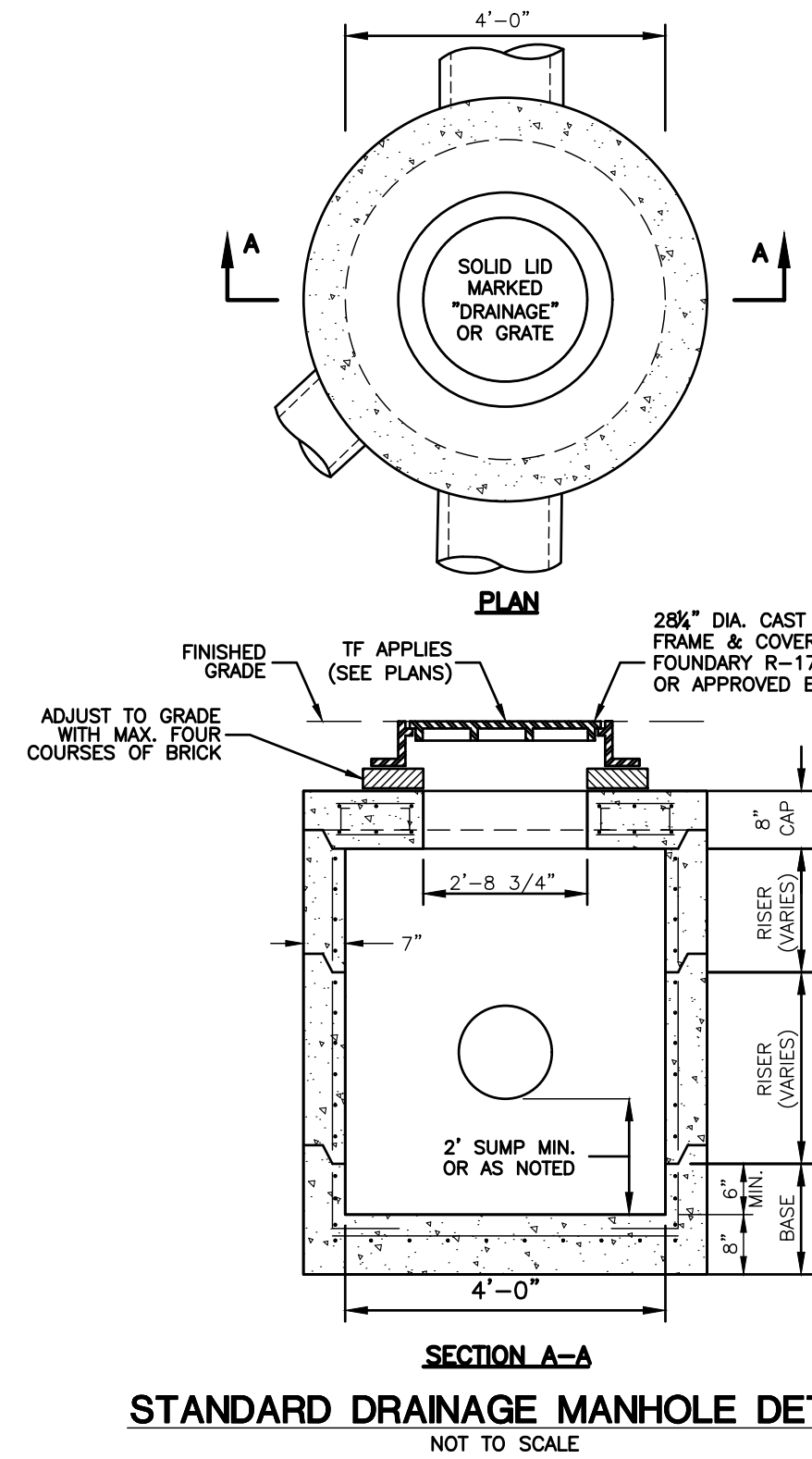
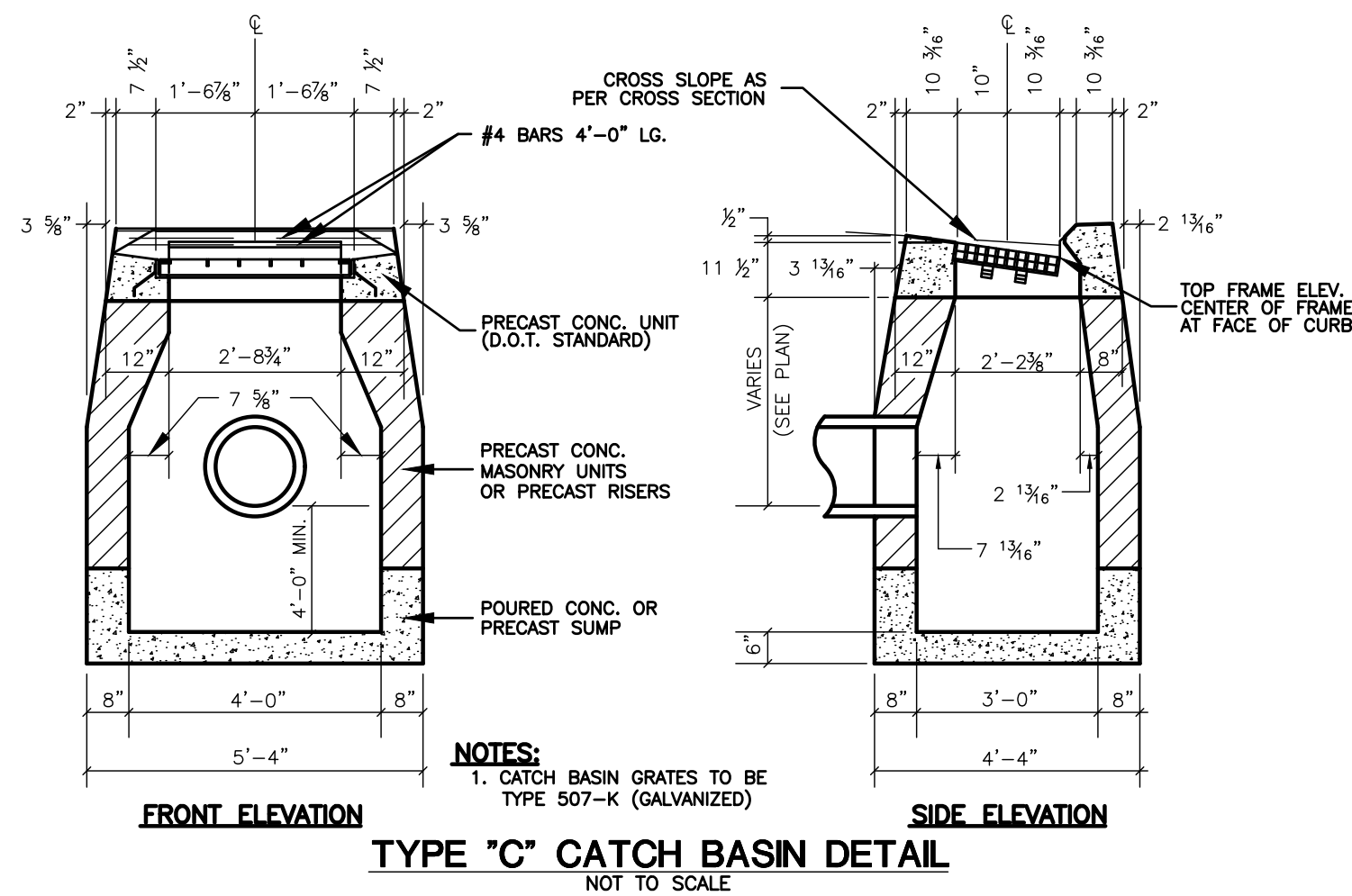
1. POLLUTION PREVENTION PLAN:
THE OWNERS SHALL BE RESPONSIBLE FOR CARRYING OUT THE PROVISIONS OF THIS PLAN.
2. SWEEPING:
PARKING LOTS, SIDEWALKS AND OTHER IMPERVIOUS SURFACES SHALL BE SWEEPED CLEAN OF SAND AND LITTER AND ANY OTHER POLLUTANTS AT LEAST TWICE PER YEAR.
 - A. BETWEEN NOVEMBER 15 AND DECEMBER 15 (AFTER LEAF FALL)
 - B. DURING APRIL (AFTER SNOW MELT)
3. OUTSIDE STORAGE:
ACCESSORIES OR EQUIPMENT STORED OUTSIDE SHALL BE COVERED OR MAINTAINED TO MINIMIZE POSSIBILITY OF THESE MATERIALS OR THEIR RESIDUE PASSING TO STORM WATER.
4. WASHING:
NO WASHING OF VEHICLES, ACCESSORIES, EQUIPMENT OR APPLIANCES IN PARKING AREAS.
5. MAINTENANCE AND INSPECTION:
SEE OPERATIONS AND MAINTENANCE SCHEDULE
6. SPILLS OR ACCIDENTAL DISCHARGES:
 - A. COMPLY WITH STATE AND FEDERAL REGULATIONS TO CONTAIN AND CLEAN UP ANY SPILL OR DISCHARGE AND DISPOSE OF MATERIALS AT AN APPROVED FACILITY.
 - B. CONTACT CONNECTICUT DEEP OIL AND CHEMICAL SPILL RESPONSE DIVISION (860) 424-3338
 - C. THE FOLLOWING STEPS SHOULD BE PERFORMED AS SOON AS POSSIBLE:
 - STOP THE SOURCE OF THE SPILL
 - CONTAIN THE SPILL
 - COVER SPILL WITH ABSORBENT MATERIAL SUCH AS KITTY LITER, SAWDUST OR OIL ABSORBENT PADS. DO NOT USE STRAW.
 - DISPOSE OF ABSORBER IN ACCORDANCE WITH LOCAL AND STATE REGULATIONS.

Maintenance Schedule for Stormwater Basins	
Activity	Schedule
<p>Prior to new spring growth reaching a height of 2" (e.g., shortly after forsythia or redbud blooms), trim any material standing from the previous year close to the ground (approximately 2").</p> <p>This will allow the soil to warm more quickly, which will stimulate the emergence and growth of native seedlings and reduce the likelihood of the meadow being invaded by shrubs.</p> <p>Problem weeds should be hand pulled or spot sprayed with an approved herbicide, such as Rodeo® or Garlon® 3A.</p> <p>If you did not plant vines or spiny plants as part of your mix, be vigilant about controlling them. These are more easily pulled when they are young rather than after they have had two to three months of growth. Examples include bindweed, blackberry, multiflora rose, mile-a-minute and Japanese hops. Be equally vigilant about controlling other invasive species, such as autumn olive and Japanese knotweed.</p>	Second growing season
<p>Special Circumstances</p> <p>If you notice a heavy infestation of ragweed or foxtail in the second growing season, trim the meadow to a height of 8". Trimming should cease by mid-September.</p>	
<p>For the basin and side slopes, inspect for invasive vegetation.</p> <p>Grassy weeds or persistent perennials can re-establish in these soils. Monitor and control weeds by hand pulling or spot spraying.</p>	Monthly
<p>Inspect for damage, undercut, or eroded area</p> <p>Inspect Sediment Forebay and monitor for sediment accumulation. Remove any trash and organic debris (leaves) in spring & fall. Remove sediment from the sediment forebay or other pretreatment area when it accumulates to a depth of more than 12 inches or 50% of the design depth. Clean outlet of sediment forebay or other pretreatment measures when drawdown time exceeds 36 hours after the end of a storm event.</p> <p>Remove sediment from the infiltration basin surface when the sediment accumulation exceeds 2 inches or when drawdown time exceeds 48 hours after the end of a storm event, indicating that the system is clogged.</p> <p>Weed as necessary. Mow grass within infiltration basin to a height of 3 to 6 inches. Maintain a healthy, vigorous stand of grass cover; re-seed as necessary.</p> <p>Clean and remove debris & sediment from inlet and outlet structures.</p> <p>Mow side slopes. Close mowing throughout the regular growing season or extensive chemical use is not conducive to water quality improvement and wildlife habitat. Spring mowed vegetation can typically remain within basins providing cover for new emerging vegetation.</p>	Semi-Annually
<p>Repair undercut or eroded areas.</p>	As needed maintenance

Maintenance Schedule for Trailer Storage Areas	
Activity	Schedule
Sweep parking lots & impervious areas	<ul style="list-style-type: none"> Between November 15th and December 15th (after leaf fall) During April (after snow melt)
Remove and dispose of trash and debris onsite	Daily - As needed maintenance

Maintenance Schedule for Qualifying Pervious Area (QPA)	
Activity	Schedule
Sweep impervious areas	<ul style="list-style-type: none"> Between November 15th and December 15th (after leaf fall) During April (after snow melt)
Inspect QPA for erosion and loss of vegetation	Annually - As needed maintenance
Remove and dispose of trash and debris onsite	Annually - As needed maintenance

[illegible]



- NOTES:**
1. INSTALLATION OF RAIL AND ANCHORAGES TO BE IN ACCORDANCE WITH THE REQUIREMENTS OF CT DOT.
 2. METAL BEAM RAIL TO BE DOT TYPE RB-350 PER DOT SPECIFICATIONS.
 3. PROVIDE RB-TYPE II END ANCHORAGES PER DOT SPECIFICATIONS.

APPROVED BY THE LISBON PLANNING AND ZONING COMMISSION

FINAL APPROVAL: _____ DATE _____

DATE OF APPROVAL: _____

EXPIRATION DATE: _____

FOR PERMITTING ONLY NOT FOR CONSTRUCTION

TOWN OF MONTVILLE / RAND WHITNEY

PROPOSED TRAILER STORAGE
375 MAPLE AVENUE & ROUTE 169
MONTVILLE, CT

CONSTRUCTION DETAILS

Project No.
CLA-7767F

Proj. Engineer
D.P.H.

Date:
12/16/24

Sheet No.
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