

NARRATIVE

THIS PROPOSAL INVOLVES IMPROVEMENTS TO AN EXISTING 6.16± ACRE PROPERTY LOCATED AT 1645 ROUTE 85 AND AN EXISTING 11.72± ACRE PROPERTY LOCATED AT 879 CHESTERFIELD ROAD, BOTH IN THE TOWN OF MONTVILLE, CONNECTICUT. 1645 ROUTE 85 PREVIOUSLY CONTAINED A RESIDENCE THAT HAS SINCE BEEN DEMOLISHED AND REMOVED AND BOTH PROPERTIES ARE CURRENTLY VACANT. THE PROPERTIES ARE MOSTLY WOODED WITH THE EXCEPTION OF A GRASSED AREA ALONG THE FRONTAGE OF 1645 ROUTE 85. THE CURRENT ZONING DESIGNATION OF BOTH PROPERTIES IS COMMERCIAL-2 (C-2) WITH A SMALL PORTION IN WATER RESOURCE PROTECTION (WRP-160). THE PROPOSED DEVELOPMENT IS ONLY IN THE C-2 ZONING DISTRICT. 879 CHESTERFIELD ROAD IS TO BE MERGED WITH 1645 ROUTE 85.

THE PROPOSED USE OF THESE PROPERTIES IS TO SERVE AS A DAYCARE WITH A 2-UNIT APARTMENT ABOVE, A USE PERMITTED IN THE C-2 ZONE PER SECTION 11.2 OF THE MONTVILLE ZONING REGULATIONS BY SITE PLAN APPROVAL.

IMPROVEMENTS TO THE SITE REQUIRED TO SUPPORT THE PROPOSED USE INCLUDES: CONSTRUCTION OF A 2-STORY WOOD FRAMED BUILDING HAVING A 6,300± SF FOOTPRINT TO CONTAIN A 6-CLASSROOM DAYCARE FACILITY CONTAINING 6,103 SF ON THE GROUND FLOOR AND 2 3-BEDROOM APARTMENTS CONTAINING 2,382 SF EACH ON THE SECOND FLOOR, CONSTRUCTION OF 2 PLAYGROUND AREAS TO SUPPORT THE DAYCARE FACILITY, CONSTRUCTION OF A NEW BITUMINOUS CONCRETE ACCESS DRIVEWAY AND REQUIRED PARKING INCLUDING ADA ACCESSIBLE SPACES MEETING THE ZONING REQUIREMENTS, INSTALLATION OF A SUBSURFACE SEWAGE DISPOSAL SYSTEM TO SERVE THE BUILDING, INSTALLATION OF A NEW DRILLED WELL, AND STORMWATER MANAGEMENT FEATURES.

ACCORDING TO THE UNITED STATES DEPARTMENT OF AGRICULTURE (USDA), NATURAL RESOURCES CONSERVATION SERVICE (NRCS) WEB SOIL SURVEY FOR THE STATE OF CONNECTICUT, THE SOILS LOCATED UPON THE SUBJECT PROPERTY CONSIST OF:

- 3 RIDGEBURY, LEICESTER, AND WHITMAN SOILS, 0-8% SLOPES, EXTREMELY STONY, HYDROLOGIC SOIL GROUP D
- 29B ADAMW FINE SANDY LOAM, 3-8% SLOPES, HYDROLOGIC SOIL GROUP B
- 62C CANTON AND CHARLTON FINE SANDY LOAMS, 1-15% SLOPES, EXTREMELY STONY, HYDROLOGIC SOIL GROUP B
- 73C CHARLTON-CHAIFIELD COMPLEX, 0-15% SLOPES, VERY ROCKY, HYDROLOGIC SOIL GROUP B
- 75C HOLLIS-CHAIFIELD-ROCK OUTCROP COMPLEX, 15-45% SLOPES, HYDROLOGIC SOIL GROUP D

THERE ARE INLAND WETLANDS LOCATED ON THE EASTERN PORTION OF 879 CHESTERFIELD ROAD. THERE ARE NO INLAND WETLANDS LOCATED ON 1685 ROUTE 85. INLAND WETLANDS WERE DELINEATED BY IAN T. COLE, A REGISTERED SOIL SCIENTIST, ON MARCH 27, 2024. NO ACTIVITY WITHIN DELINEATED WETLANDS OR THE 50 FOOT UPLAND REVIEW AREA IS PROPOSED BY THIS PLAN.

TOPSOIL SHALL BE STOCKPILED ON SITE FOR REUSE IN CONJUNCTION WITH FINAL GRADING AND STABILIZATION, FOR STABILIZING AREAS OUTSIDE OF BUILDING, CIRCULATION AND PARKING AREAS AFTER GRADING IS COMPLETED, A 4" MINIMUM DEPTH OF TOPSOIL SHALL BE PLACED AND SEEDED WITH GRASS AND MULCHED FOR PERMANENT STABILIZATION.

SEDIMENT FENCE AND/OR WOOD CHIP BERMS WILL BE INSTALLED AT LOCATIONS SHOWN AND APPROVED BY THE ZONING OFFICER PRIOR TO ANY EARTHWORK OPERATIONS. THESE MEASURES WILL BE MAINTAINED UNTIL ALL DISTURBED AREAS HAVE BEEN PERMANENTLY STABILIZED.

CONSTRUCTION SEQUENCE

1. SECURE ALL NECESSARY LOCAL, STATE AND FEDERAL PERMITS.
2. CLEAR VEGETATION IN THE PROPOSED DEVELOPMENT AREA. PROPERLY DISPOSE OF VEGETATION.
3. REMOVE EXISTING GRAVEL DRIVEWAY, PAVED APRON AND CONCRETE PAD PER PLANS.
4. INSTALL SEDIMENT FENCE AND/OR WOOD CHIP BERMS AS SHOWN DOWNGRADEMENT OF PROPOSED DEVELOPMENT AREA. STRIP TOPSOIL FROM DEVELOPMENT AREA AND STOCKPILE AT AN APPROVED LOCATION FOR LATER REUSE. SEED TOPSOIL STOCKPILE WITH RYEGRASS FOR TEMPORARY STABILIZATION. REMOVE AND DISPOSE OF STUMPS AT AN APPROVED LOCATION.
5. CONSTRUCT PROPOSED IMPROVEMENTS, INSTALL PROPOSED SITE UTILITIES AND SUBSURFACE DISPOSAL SYSTEM, GRADE PROPOSED PARKING AREA AND CIRCULATION DRIVES, AND CONSTRUCT PROPOSED BUILDING.
6. AFTER STABILIZATION OF THE CIRCULATION DRIVES AND OTHER UPGRADIENT AREAS EXCAVATE AND INSTALL THE PROPOSED STORMWATER INFILTRATION SYSTEMS.
7. AT COMPLETION OF CONSTRUCTION, LOAN ALL DISTURBED AREAS (4" MINIMUM), SEED WITH GRASS. AFTER ALL AREAS HAVE BEEN PERMANENTLY STABILIZED, REMOVE EROSION CONTROL MEASURES.

OPERATION & MAINTENANCE OF EROSION CONTROLS

NO CONSTRUCTION SHALL PROCEED UNTIL PROPER SEDIMENTATION AND EROSION CONTROL METHODS HAVE BEEN INSTALLED AND APPROVED BY THE ZONING OFFICER AS THE SEQUENCE OF CONSTRUCTION NECESSITATES.

ALL TEMPORARY FILL, STORAGE OR STOCKPILE AREAS SHALL BE PROPERLY STABILIZED TO PREVENT EROSION AND SUITABLY CONTAINED TO PREVENT TURBID RUNOFF. ALL AREAS AFFECTED BY TEMPORARY FILLS MUST BE RESTORED TO THEIR ORIGINAL CONTOURS, AND REVEGETATED WITH SUITABLE VEGETATION. THE USE OF TEMPORARY FILL AND/OR EXCAVATION SHALL BE MINIMIZED TO ONLY THAT AREA REQUIRED TO PERFORM THE WORK.

DUMPING OF OIL OR OTHER DELETERIOUS MATERIALS ON THE GROUND IS FORBIDDEN. THE DEVELOPER OR CONTRACTOR SHALL PROVIDE A MEANS OF CATCHING, RETAINING AND PROPERLY DISPOSING OF DRAINED OIL, REMOVED OIL FILTERS, OR OTHER DELETERIOUS MATERIAL FROM EQUIPMENT USED ON SITE. VEHICLE MAINTENANCE SHALL BE COMPLETED OFF SITE. ALL OIL SPILLS SHALL BE IMMEDIATELY REPORTED TO THE DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION/HAZARDOUS MATERIALS OFFICE. FAILURE TO DO SO MAY RESULT IN THE IMPOSITION OF FINES UNDER THE APPLICABLE CONNECTICUT GENERAL STATUTES.

EVERY PRECAUTION SHALL BE USED DURING CONSTRUCTION TO PREVENT AND MINIMIZE THE DEGRADATION OF THE EXISTING WATER QUALITY. ALL ACTIVITIES SHALL BE IN CONFORMANCE TO AND CONSISTENT WITH ALL APPLICABLE WATER QUALITY STANDARDS AND MANAGEMENT PRACTICES AS SET FORTH BY LOCAL, STATE AND FEDERAL AGENCIES.

DURING THE PERIOD OF CONSTRUCTION, THE CONTRACTOR IS RESPONSIBLE FOR ALL EROSION AND SEDIMENT CONTROL MEASURES. SAID MEASURES SHALL BE INSPECTED WEEKLY AND AFTER EACH RAINSTORM WITH GREATER THAN 0.5-INCHES OF RAINFALL. ACCUMULATED DEPOSITS OF SEDIMENT AND SILT SHALL BE PERIODICALLY REMOVED FROM THE UPSTREAM SIDE OF THE EROSION AND SEDIMENT CONTROL BARRIERS, AND UPON ESTABLISHMENT OF PERMANENT VEGETATIVE COVER. SUCH MATERIALS REMOVED SHALL BE SPREAD AND STABILIZED IN NON-WETLAND AREAS WHICH ARE NOT SUBJECT TO EROSION, OR WHICH ARE NOT TO BE PAVED OR BUILT UPON.

SEDIMENT FENCE, WOOD CHIP BERMS AND OTHER EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REPAIRED, CLEANED AND/OR REPLACED AS NECESSARY THROUGHOUT THE CONSTRUCTION PERIOD IN ORDER TO MAINTAIN COMPLETE AND INTEGRAL EROSION AND SEDIMENT CONTROL PROTECTION. ONCE IN PLACE, ALL EROSION AND SEDIMENT CONTROL FACILITIES AND MEASURES ARE TO REMAIN IN PLACE AND IN PROPER CONDITION AND BE CONTINUOUSLY MAINTAINED UNTIL FINAL GRADING HAS BEEN COMPLETED. ALL DISTURBED AREAS UPGRADIENT OF SAID FACILITIES HAVE BEEN PERMANENTLY STABILIZED, AND ALL NEWLY GRASSED AREAS HAVE HAD AT LEAST TWO MOWINGS. FOLLOWING SUCH PERMANENT STABILIZATION, THE FACILITIES SHALL BE DISMANTLED, REMOVED, AND DISPOSED OF IN AN APPROVED MANNER. ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES BEYOND THOSE SHOWN ON THE PLANS OR PRESCRIBED HEREIN SHALL BE PUT IN PLACE, WHENEVER NECESSARY, TO ADDRESS FIELD CONDITIONS AND/OR AS ORDERED BY TOWN STAFF.

DISTURBANCE OF THE LAND SHALL BE LIMITED TO THE MINIMUM EXTENT NECESSARY TO COMPLETE THE PROPOSED DEVELOPMENT. ALL EXISTING TREES AND SHRUBS SHALL BE CONSERVED WHERE POSSIBLE. EXCEPT THOSE WHOSE REMOVAL WILL BE REQUIRED TO PERFORM THE PROPOSED WORK, THE LIMITS OF DISTURBANCE SHALL BE ESTABLISHED IN THE FIELD PRIOR TO STARTING ANY ACTUAL CONSTRUCTION ACTIVITIES AND SHALL BE GENERALLY AS DEPICTED ON THIS PLAN.

THE SITE CONTRACTOR SHALL BE RESPONSIBLE TO INSPECT THE SITE IN ACCORDANCE WITH THE PROCEDURES AS OUTLINED IN THE "GENERAL PERMIT FOR THE DISCHARGE OF STORMWATER AND Dewatering WASTEWATERS FROM CONSTRUCTION ACTIVITIES" AS ADOPTED BY THE DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION, EFFECTIVE ON DECEMBER 31, 2020.

THE CONTRACTOR SHALL INSPECT ALL DISTURBED AREAS OF CONSTRUCTION ACTIVITY THAT HAVE NOT BEEN FINALLY STABILIZED, STRUCTURAL CONTROL MEASURES, AND LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF ALL RAIN EVENTS. WHERE SITES HAVE BEEN TEMPORARILY OR FINALLY STABILIZED, SUCH INSPECTION SHALL BE CONDUCTED AT LEAST ONCE EVERY MONTH FOR THREE CONSECUTIVE MONTHS.

DURING CONSTRUCTION AND IMMEDIATELY FOLLOWING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR SITE INSPECTION AND MAINTENANCE TO ASSURE PROPER PERFORMANCE OF THE SEDIMENTATION AND EROSION CONTROL SYSTEM. INSPECTING AND MAINTAINING SHALL INCLUDE, AT A MINIMUM, THE FOLLOWING:

- * INSPECTION OF ALL SEDIMENT FENCE/WOOD CHIP BERMS, REMOVE ACCUMULATED SEDIMENT IF REQUIRED (GREATER THAN 4" DEPTH)
- * INSPECTION OF ANTI-TRACKING PAD, REMOVE, DISPOSE AND REPLACE IF PAD IS NO LONGER FUNCTIONAL IN THE COLLECTION OF SEDIMENTS FROM VEHICULAR/TRUCK TRAFFIC.
- * INSPECTION OF ALL DRIVEWAY AND PARKING AREAS AFTER PAVING, REMOVE ACCUMULATED SEDIMENT AND ANY LITTER/DEBRIS.

DISTURBED AREAS AND AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION SHALL BE INSPECTED FOR EVIDENCE OF, OR THE POTENTIAL FOR, POLLUTANTS ENTERING THE DRAINAGE SYSTEM. EROSION AND SEDIMENT CONTROL MEASURES IDENTIFIED IN THE PLAN SHALL BE INSPECTED TO INSURE THAT THEY ARE OPERATING CORRECTLY. DISCHARGE LOCATIONS OR POINTS SHALL BE INSPECTED TO ASCERTAIN WHETHER EROSION CONTROL MEASURES ARE EFFECTIVE IN PREVENTING SIGNIFICANT IMPACTS TO DOWNSTREAM WATERS. LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE SHALL BE INSPECTED FOR EVIDENCE OF OFF-SITE SEDIMENT TRACKING.

ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES BEYOND THOSE DEPICTED HEREIN SHALL BE PUT IN PLACE WHENEVER NECESSARY TO ADDRESS FIELD CONDITIONS AND/OR AS ORDERED BY TOWN STAFF, OR THEIR DESIGNATED AGENT.

THE SITE CONTRACTOR SHALL APPOINT AN AGENT WHO SHALL BE PERSONALLY RESPONSIBLE FOR IMPLEMENTING THIS EROSION AND SEDIMENT CONTROL PLAN AND ENFORCING THE PRESCRIBED SAFEGUARDS DURING THE CONSTRUCTION PERIOD.

THIS RESPONSIBILITY INCLUDES THE INSTALLATION AND MAINTENANCE OF CONTROL MEASURES THROUGHOUT THE CONSTRUCTION PERIOD, INFORMING ALL PARTIES ENGAGED ON THE CONSTRUCTION SITE OF THE REQUIREMENTS AND OBJECTIVES OF THE PLAN, NOTIFYING THE PROPER TOWN AGENCIES AND OFFICIALS OF ANY TRANSFER OF THIS RESPONSIBILITY, AND CONVEYING A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN IF THE TITLE OF THE LAND IS TRANSFERRED TO A THIRD PARTY.

EROSION CONTROL NOTES

1. ALL UTILITIES ARE APPROXIMATE. CONTRACTOR TO VERIFY ALL UTILITIES PRIOR TO CONSTRUCTION. CONTACT "CALL-BEFORE-YOU-DIG" AT 1-800-922-4455 AT LEAST 72 HOURS PRIOR TO ANY EXCAVATION.
2. THE RESPONSIBLE PARTY WITH RESPECT TO THE INSTALLATION AND MAINTENANCE OF ALL EROSION CONTROL MEASURES SHALL BE THE SITE CONTRACTOR (TO BE DETERMINED).
3. THE "CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL" BY THE COUNCIL ON SOIL AND WATER CONSERVATION IN COLLABORATION WITH THE CONNECTICUT DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION PUBLICATION DATE: SEPTEMBER 30, 2023, SHALL BE USED FOR INSTALLING AND MAINTAINING ALL EROSION CONTROL MEASURES. THE SITE CONTRACTOR SHALL INSTALL ADDITIONAL MEASURES AS NECESSARY IF DIRECTED BY THE ENGINEER OR TOWN STAFF.
4. SEEDING FOR PERMANENT STABILIZATION SHALL BE DONE BETWEEN APRIL 15 THROUGH JUNE 15 OR BETWEEN AUGUST 15 THROUGH SEPTEMBER 15. IF SEEDING CANNOT BE DONE WITHIN THESE TIMES, APPLICATION OF TEMPORARY MULCH WILL BE CONDUCTED UNTIL THE NEXT SEEDING PERIOD. SEED MIXTURE SHALL BE AS FOLLOWS:
 - KENTUCKY BLUEGRASS 20 LBS/ACRE OR 0.45 LBS/1,000 SF
 - CREeping RED FESCUE 20 LBS/ACRE OR 0.45 LBS/1,000 SF
 - PERENNIAL RYEGRASS 5 LBS/ACRE OR 0.10 LBS/1,000 SF
5. MULCH SHALL BE A GOOD QUALITY HAY OR STRAW AND SHALL BE APPLIED AT A RATE OF APPROXIMATELY 2-3 BALES/1,000 SF.
6. ALL EROSION CONTROL MEASURES SHALL BE INSPECTED WITHIN 24 HOURS AFTER RAIN EVENTS WITH GREATER THAN 0.5" OF RAINFALL IN A 24-HOUR PERIOD, AND REPAIRED OR REPLACED AS NECESSARY TO INSURE COMPLIANCE WITH THE APPROVED SOIL EROSION AND SEDIMENT CONTROL PLAN.

STORMWATER SYSTEM OPERATION AND MAINTENANCE

1. THE PROPOSED STORMWATER MANAGEMENT SYSTEM INCLUDES DEEP SUMP CATCH BASINS, STORMWATER BASINS, SPILLWAYS, AND RIP RAP APRONS.
- 1.1. CATCH BASINS SHALL BE INSPECTED ANNUALLY, AS SOON AS POSSIBLE FOLLOWING THE SNOW AND ICE REMOVAL SEASON, PREFERABLY PRIOR TO SPRING RAINFALL EVENTS. CATCH BASIN CLEANING SHOULD OCCUR IF SEDIMENT HAS FILLED ONE HALF OF THE TOTAL SUMP DEPTH (I.E. LESS THAN TWO FEET FROM THE INVERT OF THE OUTLET PIPE TO THE SEDIMENT DEPOSIT). SEDIMENT SHALL BE DISPOSED OF IN ACCORDANCE WITH APPLICABLE REGULATIONS.
- 1.2. THE STORMWATER BASINS SHALL BE INSPECTED SEMI-ANNUALLY FOR SIGNS OF SCOUR/EROSION, EVIDENCE OF STORMWATER PONDING GREATER THAN 48-HOURS AFTER THE END OF A STORM EVENT, ACCUMULATION OF DEBRIS AND SEDIMENT IN THE BASINS AND AT THE SPILLWAYS. AREAS OF EROSION SHALL BE REPAIRED BY LOAMING AND SEEDING OR REPLACING GRAVEL AND RIP RAP AS APPROPRIATE. SEDIMENT AND DEBRIS SHALL BE REMOVED AND DISPOSED OF AS REQUIRED. VEGETATION WITHIN THE BASIN SHALL BE MOWED ANNUALLY AND ALL WOODY BRUSH SHALL BE REMOVED.
- 1.3. THE SPILLWAYS SHALL BE INSPECTED SEMI-ANNUALLY FOR SIGNS OF SCOUR/EROSION. IF SCOUR HAS OCCURRED THE RIP RAP AND GRAVEL SHALL BE REPLACED AND THE SPILLWAY SHALL BE EVALUATED FOR POSSIBLE MODIFICATIONS TO PREVENT FUTURE SCOUR.
- 1.4. RIP RAP APRONS SHALL BE INSPECTED SEMI-ANNUALLY FOR SIGNS OF SCOUR AND ACCUMULATION OF DEBRIS AND SEDIMENT. IF SCOUR HAS OCCURRED THE RIP RAP AND GRAVEL SHALL BE REPLACED. DEBRIS SHALL BE DISPOSED OF AS REQUIRED.
2. STORMWATER MANAGEMENT SYSTEM MAINTENANCE COSTS MAY BE REDUCED BY IMPLEMENTING A STREET SWEEPING PROGRAM, TO BE PERFORMED AT LEAST ANNUALLY IMMEDIATELY FOLLOWING THE SNOW AND ICE REMOVAL SEASON.

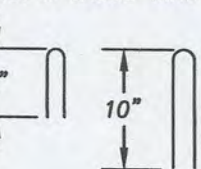
A.BURY THE TOP END OF THE JUTE STRIP IN A TRENCH OR MORE IN DEPTH.

B.TAMP THE TRENCH FULL OF SOIL. SECURE WITH ROW OF STAPLES, 6" SPACING, 4" DOWN FROM THE TRENCH.

C.OVERLAP---BURY UPPER END OF LOWER STRIP AS IN 1" AND 1" OVERLAP END OF TOP STRIP 4" AND STAPLE.

D.EROSION STOP--- FOLD OF JUTE BURIED IN SLIT TRENCH AND TAMPED; DOUBLE ROW OF STAPLES.

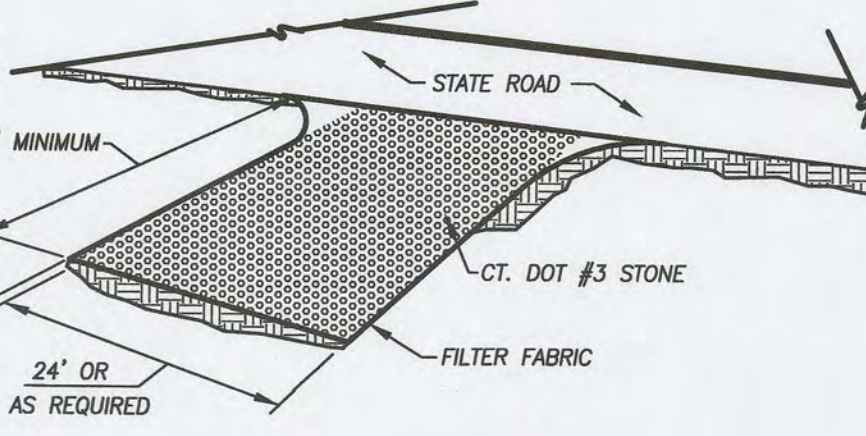
TYPICAL STAPLES NO. 8 GAUGE WIRE



- NOTES:
1. 4" OVERLAP OF JUTE STRIPS WHERE TWO OR MORE STRIP WIDTHS ARE REQUIRED. STAPLES ON 18" CENTERS.
 2. STAPLE OUTSIDE ON 2' CENTERS.
 3. JUTE NETTING SHALL BE INSTALLED ON STORMWATER BASIN EMBANKMENT.

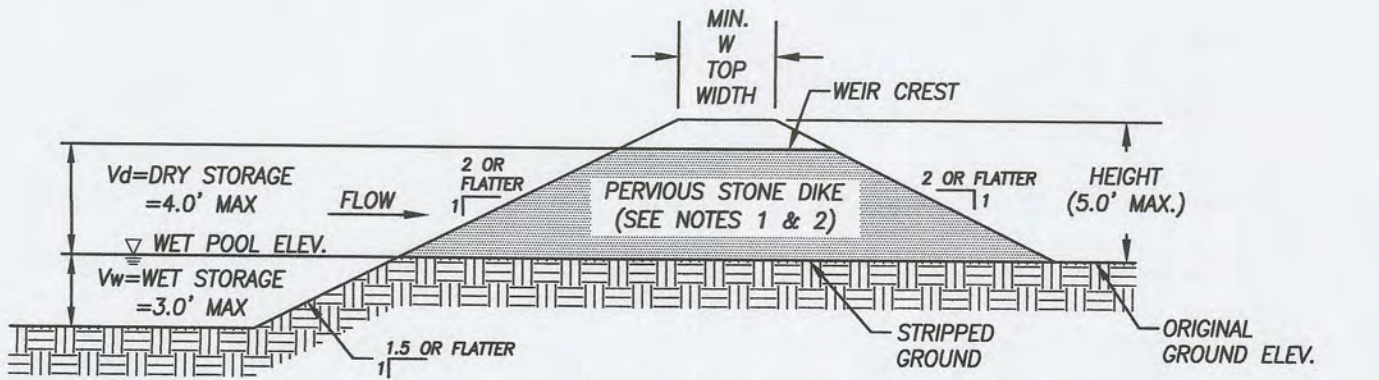
JUTE NETTING DETAIL

NOT TO SCALE



ANTI-TRACKING PAD AT DRIVEWAY

NOT TO SCALE

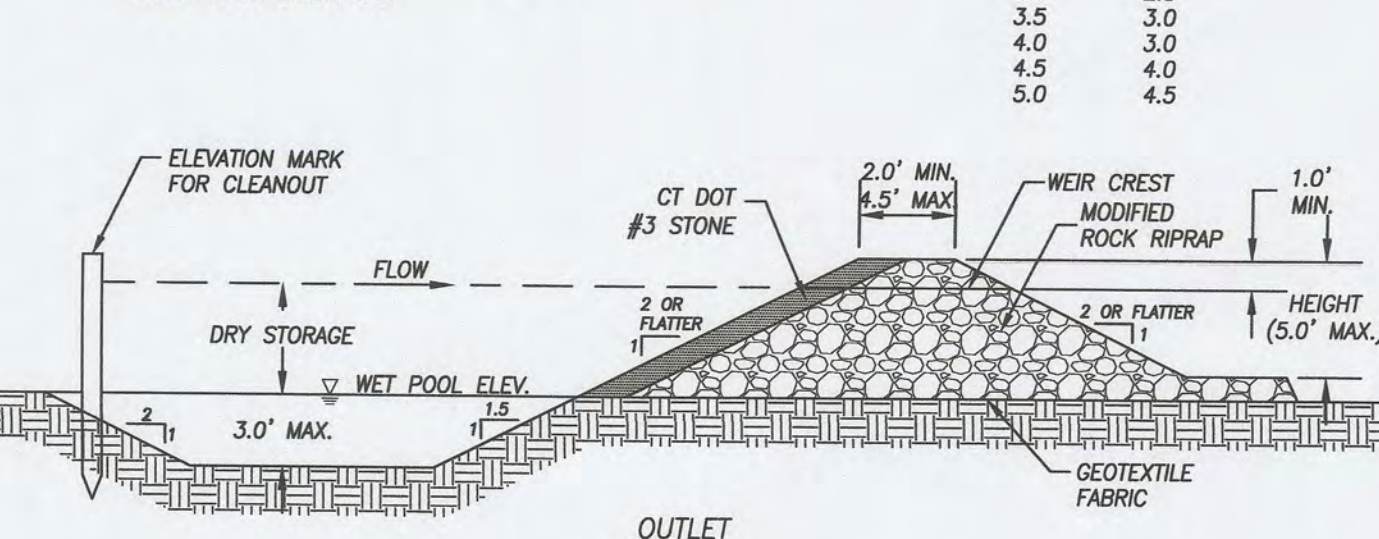


CROSS-SECTION

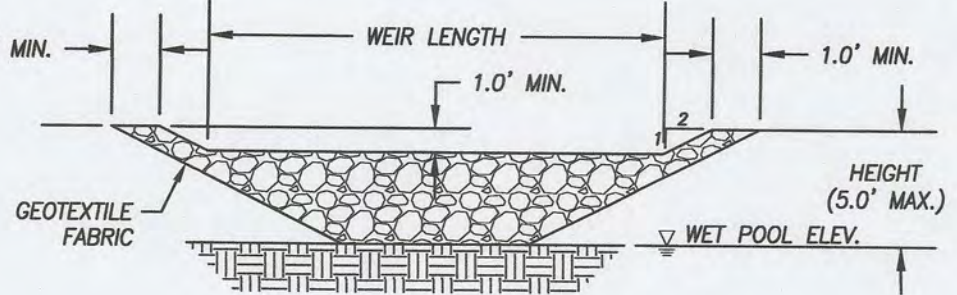
TOP WIDTH VS. HEIGHT

H = HEIGHT OF EMBANKMENT
W = TOP WIDTH OF EMBANKMENT

- NOTES:
1. PEROVUS STONE DIKE SHALL BE CONSTRUCTED OF CT DOT MODIFIED RIPRAP WITH #3 STONE ON FACE.
 2. NON-OVERFLOW PORTIONS AND ABUTMENTS OF TEMPORARY SEDIMENT TRAP MAY BE CONSTRUCTED OF COMPACTED EARTH FILL.



OUTLET

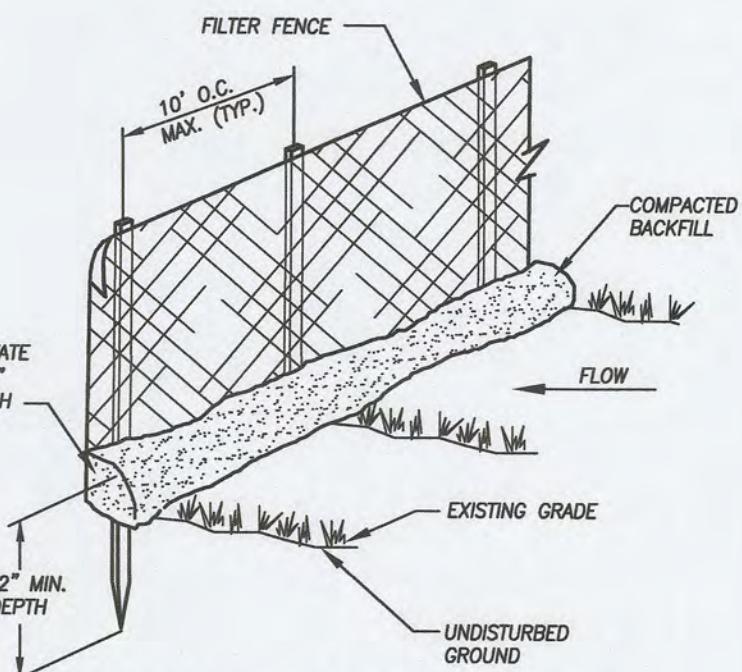


NOTE:

TYPICALLY, SEDIMENT TRAPS ARE REQUIRED FOR ANY DISCHARGE POINT THAT SERVES AN AREA BETWEEN 2 AND 5 DISTURBED ACRES OF LAND. ALL TEMPORARY SEDIMENT TRAPS SHALL BE DESIGNED IN CONFORMANCE WITH THE "2002 CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL". GENERALLY, TEMPORARY SEDIMENT TRAPS SHALL BE SIZED TO PROVIDE A MINIMUM OF 134 CUBIC YARDS OF WATER STORAGE PER ACRE DRAINED. ALL TEMPORARY SEDIMENT TRAPS SHALL BE MAINTAINED TO ASSURE EFFICIENT OPERATION UNTIL THE CONTRIBUTING AREA IS COMPLETELY STABILIZED. TEMPORARY SEDIMENT TRAPS MAY BE RELOCATED DURING CONSTRUCTION TO ACCOMMODATE PHASING. CONTRACTOR SHALL REVIEW LOCATIONS OF TEMPORARY SEDIMENT TRAPS WITH DESIGN ENGINEER PRIOR TO INSTALLATION. NO TEMPORARY SEDIMENT TRAP SHALL HAVE MORE THAN 5 ACRES OF DISTURBED LAND CONTRIBUTING TO IT.

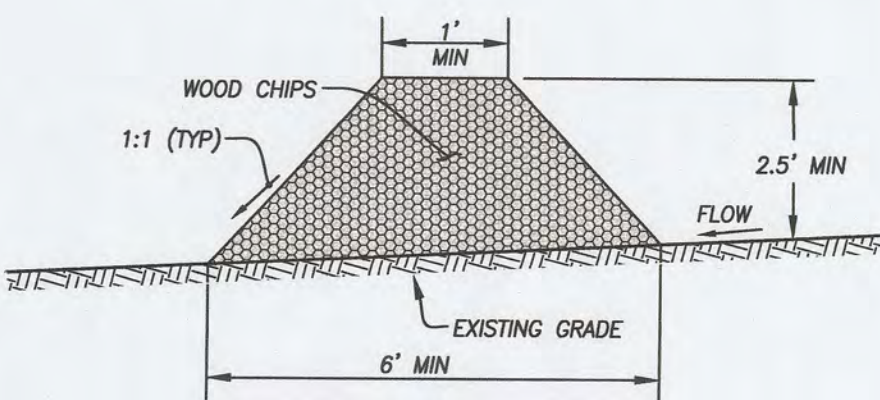
TEMPORARY SEDIMENT TRAP DETAIL

NOT TO SCALE



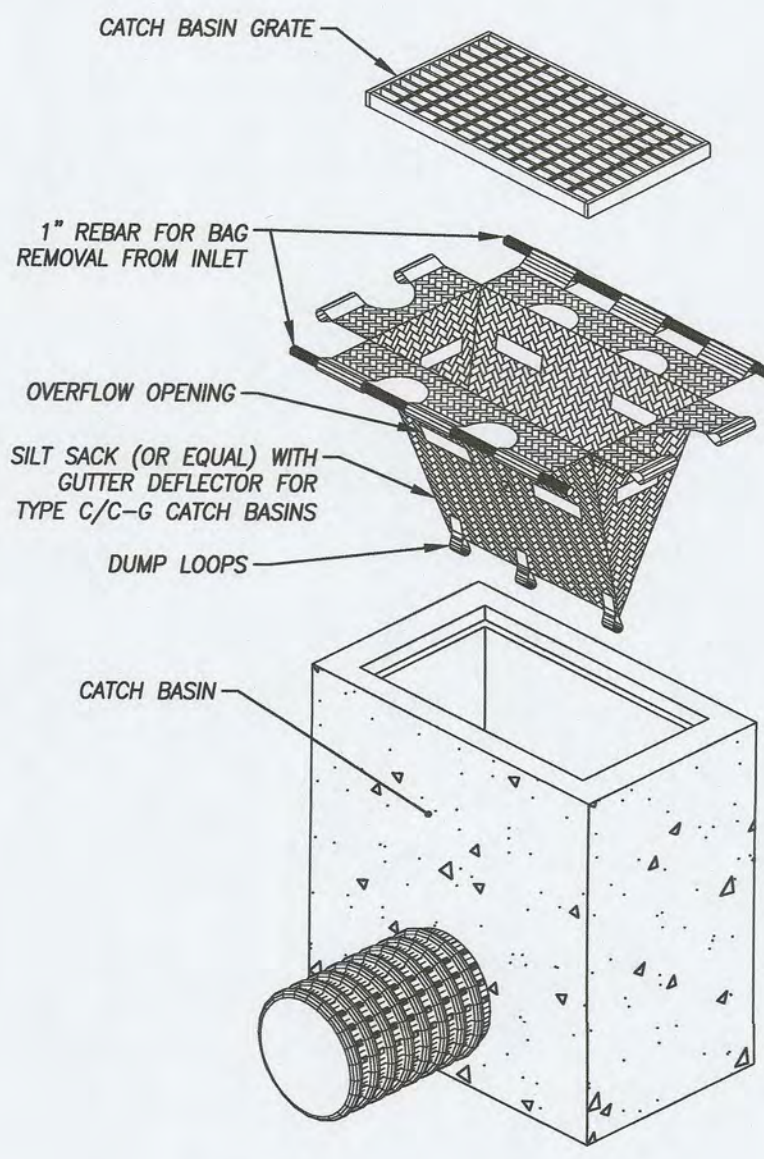
SEDIMENT FENCE DETAIL

NOT TO SCALE



WOOD CHIP BERM DETAIL

NOT TO SCALE



NOTE: TO BE INSTALLED ON ALL PROPOSED CATCH BASINS AND YARD DRAINS UNTIL FINAL SITE STABILIZATION.

CATCH BASIN INLET PROTECTION

NOT TO SCALE



S-BUS 36 DESIGN VEHICLE TURNING MOVEMENT

SCALE: 1" = 80'

NOTES:

- SEE SHEET 1 FOR ENGINEER, SURVEYOR AND SOIL SCIENTIST SIGNATURES AND SEALS
- SEE SHEET 3 FOR LEGEND AND ABBREVIATIONS

Improvement Location & Topographic Survey

"Notes & Details"

Prepared For

Cricket's Corner, LLC

1645 Route 85 - Montville, Connecticut

SCALE:	As Noted
DATE:	February 2025
JOB I.D. NO.	24-3432
Revisions	
Rev. "A"	3-5-2025
Per Review Comments	

SHEET NO.

11

13



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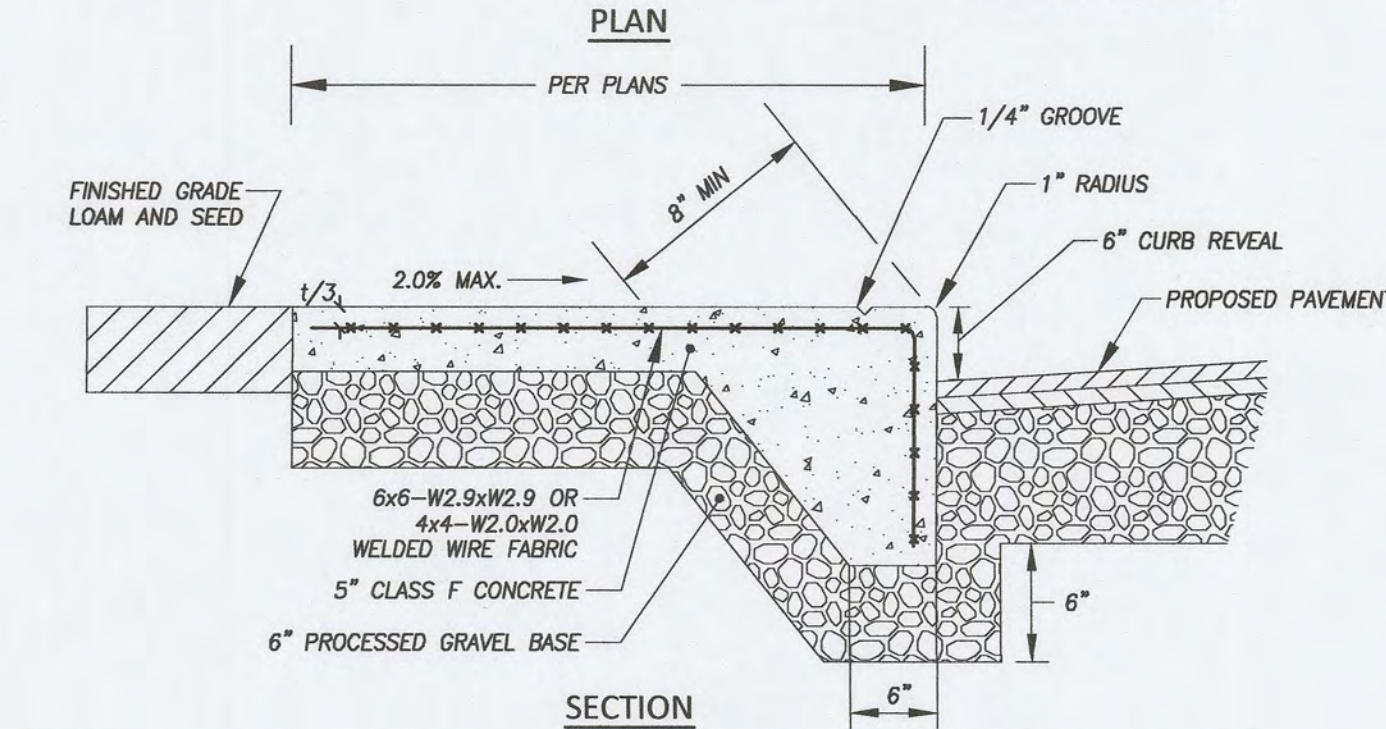
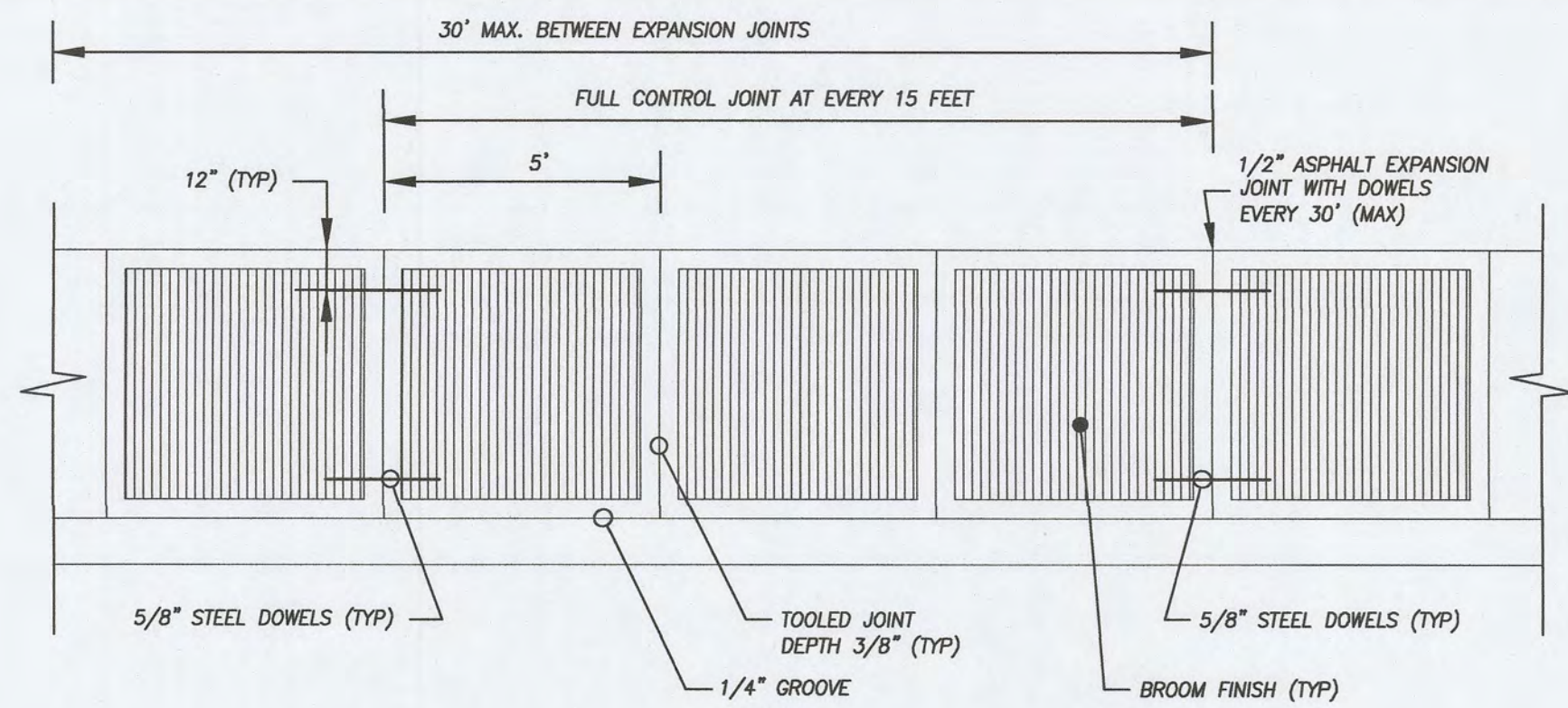
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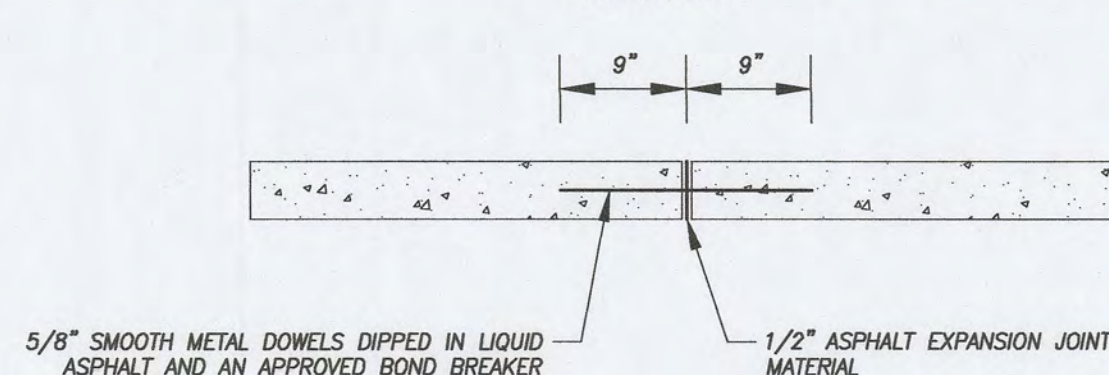
Boundaries LLC
179 Pachung River Drive, Guilford, CT 06031
1.800.376.2006 | www.boundariesllc.net



- NOTES:
1. AT THE END OF THE DAILY POUR OF CONCRETE METAL DOWELS SHALL BE INSERTED IN THE LAST SLAB FOR THE NEXT DAY'S POUR.
 2. GRADE AREAS ADJACENT TO PROPOSED SIDEWALKS AS TO NOT IMPOUND WATER.
 3. PROVIDE FULL DEPTH 1/2" ASPHALT EXPANSION JOINT MATERIAL BETWEEN ALL PROPOSED CONCRETE AND EXISTING CONCRETE SURFACES.

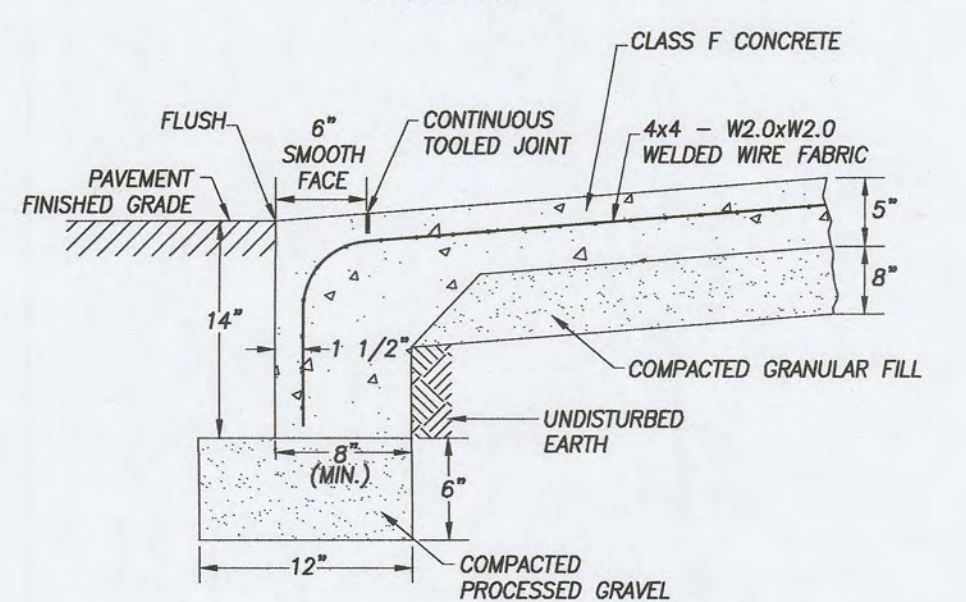
CONCRETE SIDEWALK WITH MONOLITHIC CURBING DETAIL

NOT TO SCALE



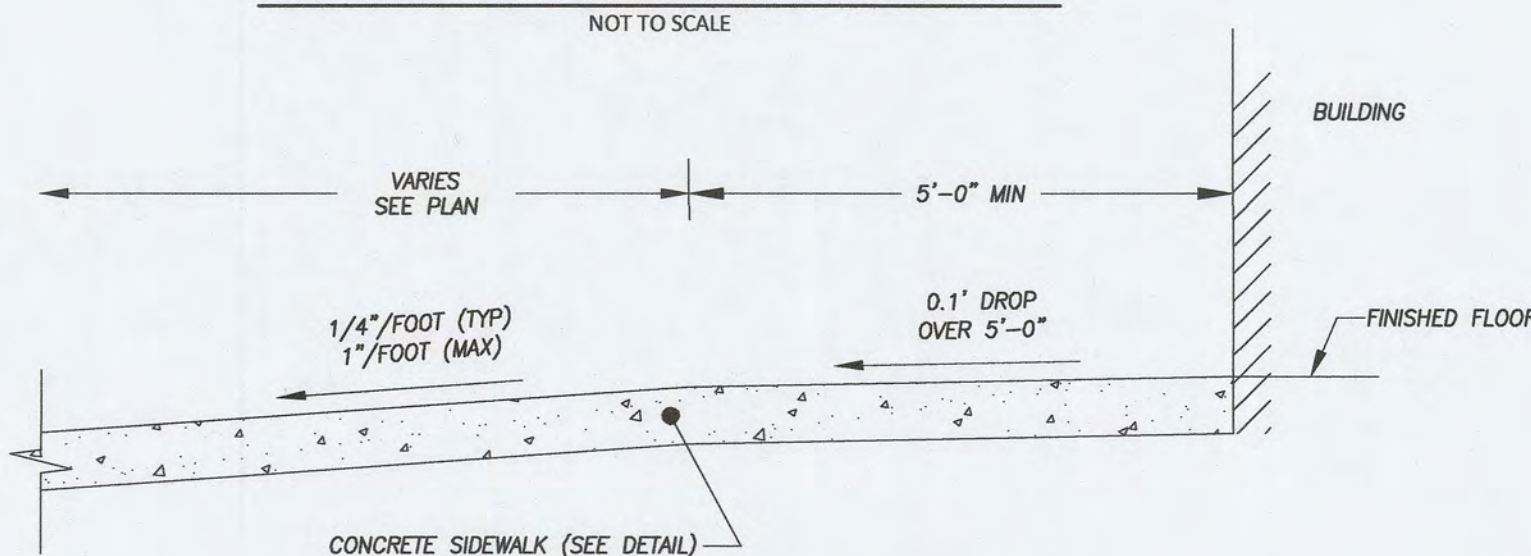
CONCRETE SIDEWALK EXPANSION JOINT DETAIL

NOT TO SCALE



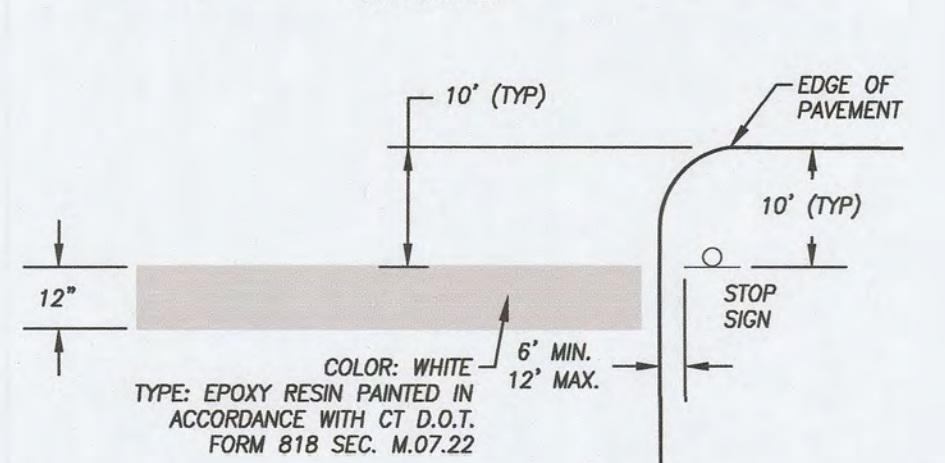
CURB RAMP CROSS SECTION DETAIL

NOT TO SCALE



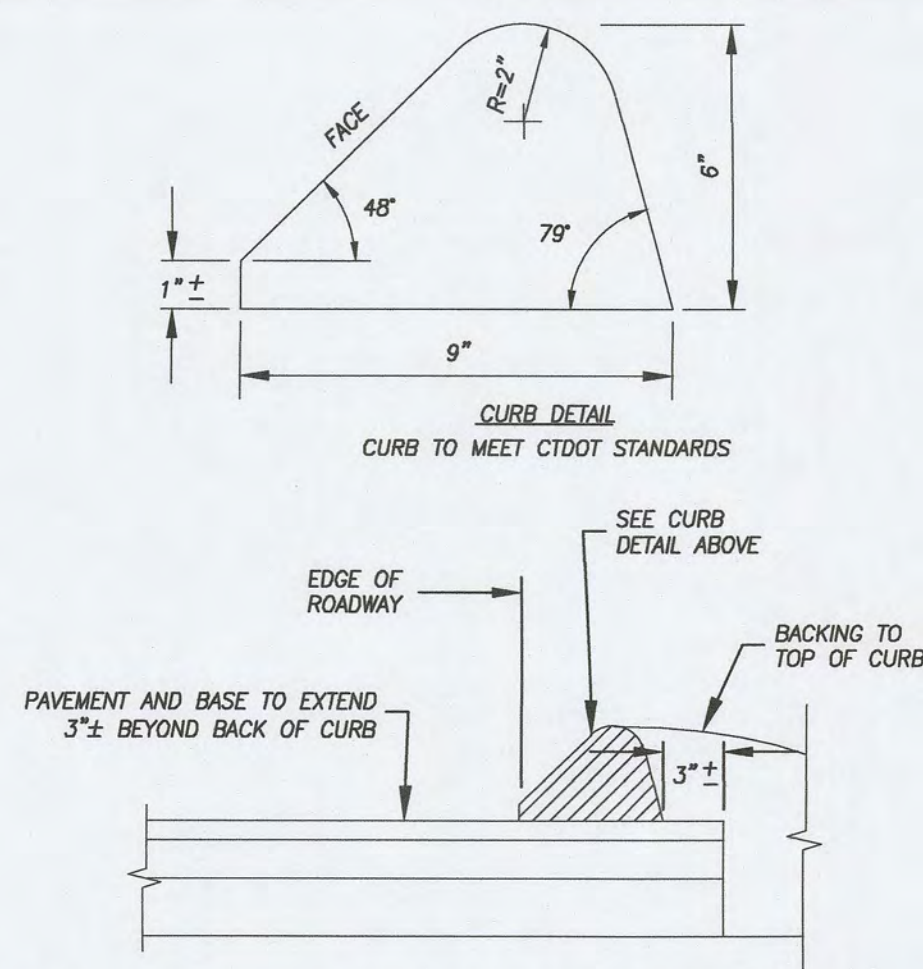
TYPICAL GRADING AT ENTRY DOORS

NOT TO SCALE



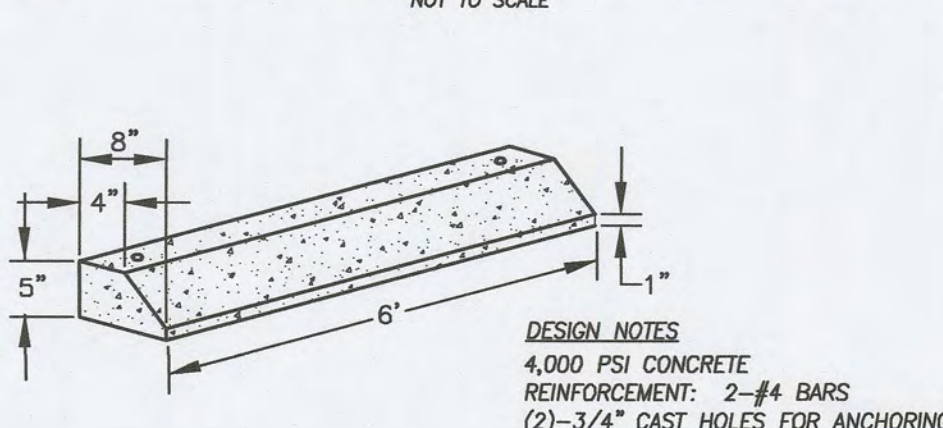
STOP BAR DETAIL

NOT TO SCALE



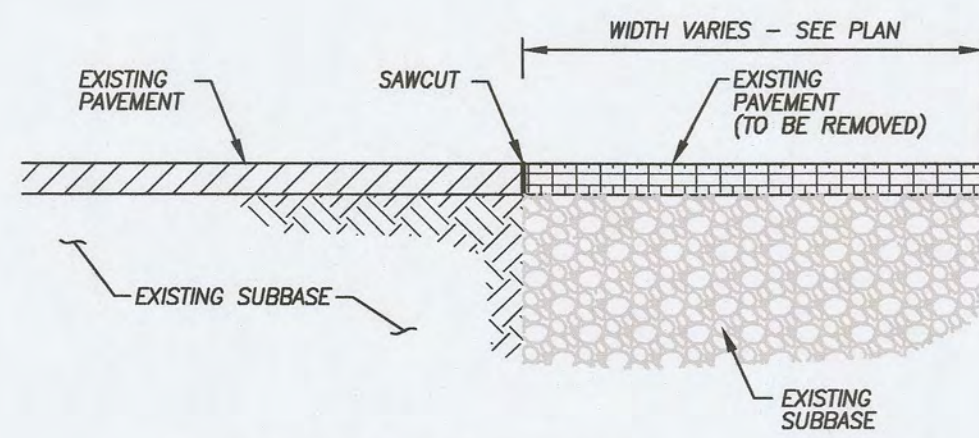
BITUMINOUS CONCRETE LIP CURB DETAIL

NOT TO SCALE



CONCRETE WHEELSTOP DETAIL

NOT TO SCALE



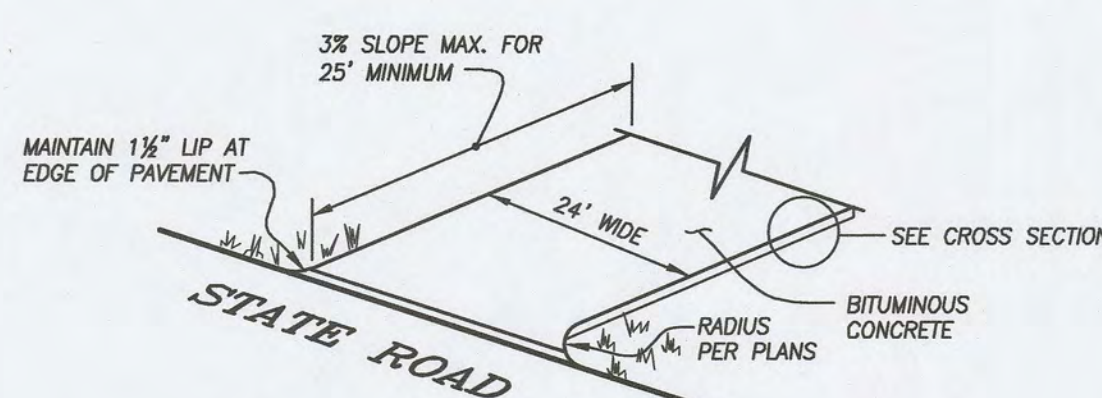
PAVEMENT SAWCUT DETAIL

NOT TO SCALE

- SAWCUT PAVEMENT SEALING PROCEDURE
- A. CLEAN SAWED JOINTS WITH COMPRESSED AIR
 - B. APPLY JOINT SEAL MATERIAL, FILLING FROM THE BOTTOM UP
 - C. THE HOT-SEAL MATERIAL SHALL COMPLETELY FILL THE SAWCUT SUCH THAT AFTER COOLING THE LEVEL OF THE SEALER WILL NOT BE GREATER THAN 1/8 INCH BELOW THE PAVEMENT SURFACE.
 - D. CARE SHALL BE TAKEN DURING THE SEALING OPERATION TO INSURE THAT THE FINAL APPEARANCE WILL PRESENT A NEAT LINE.
 - E. REFER TO CT D.O.T. STANDARD SPECIFICATION FORM 818 SECTION 4.06.03(A) AND M.04.02, JOINT SEAL MATERIAL.

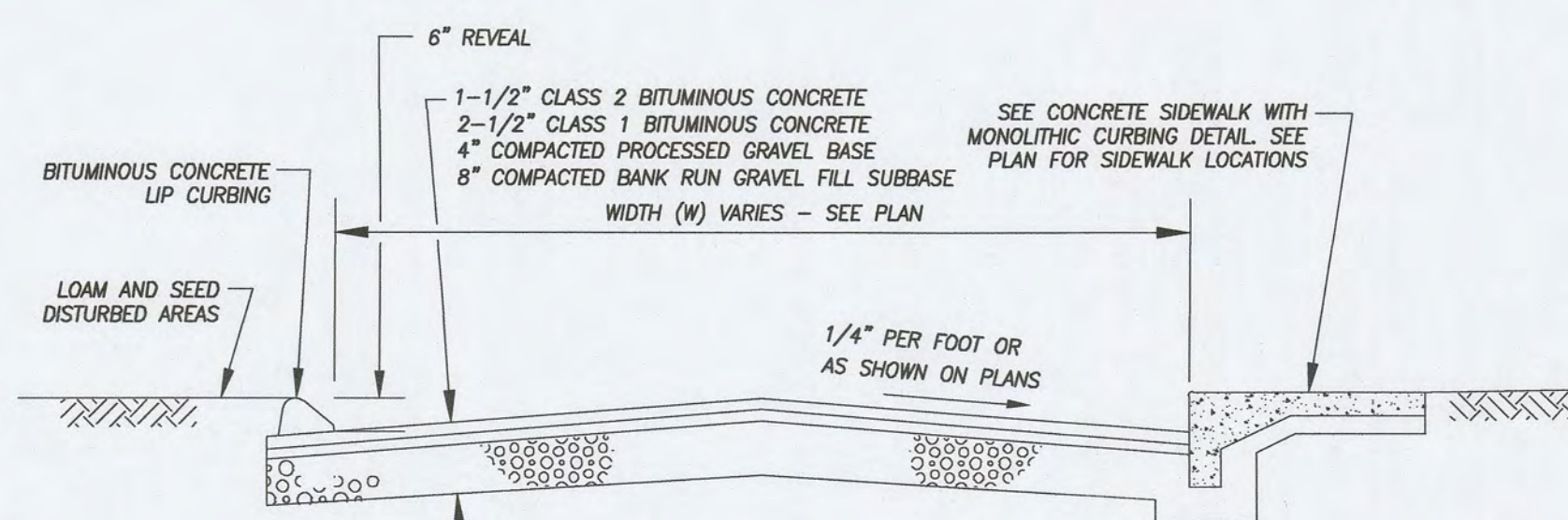
PAVEMENT SAWCUT DETAIL

NOT TO SCALE



TYPICAL DRIVEWAY APRON

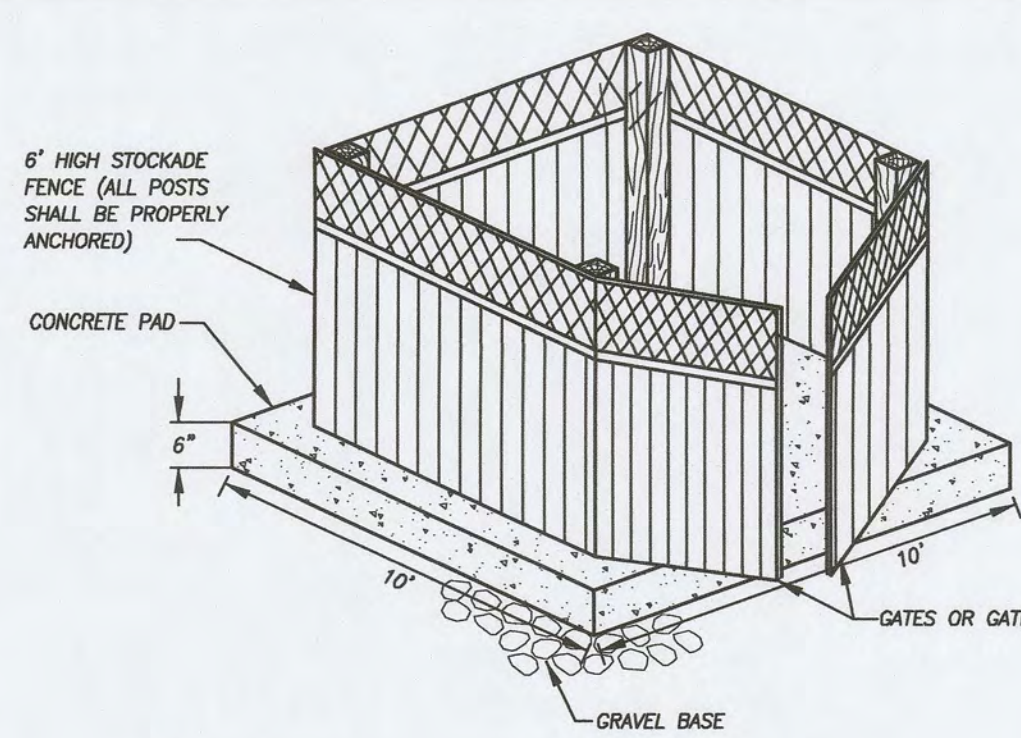
NOT TO SCALE



TYPICAL CROSS SECTION FOR DRIVEWAY AND PARKING PAVEMENT

NOT TO SCALE

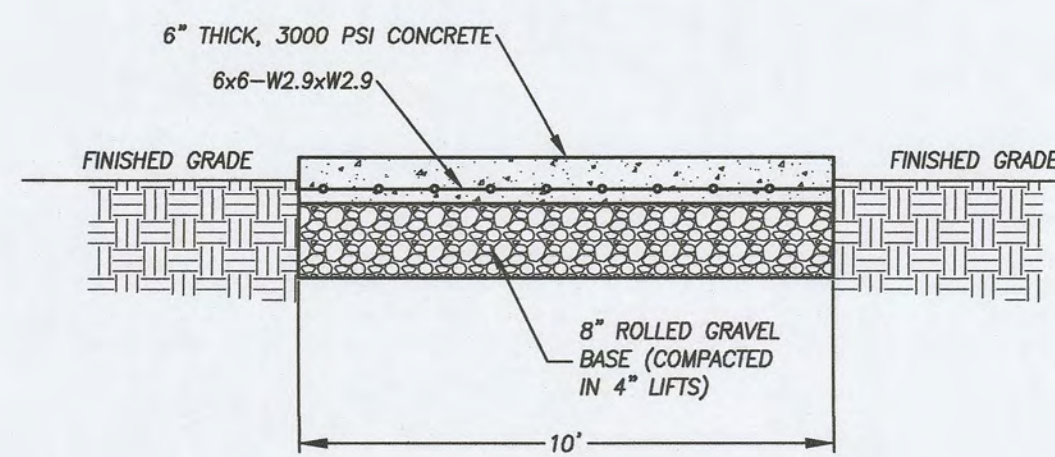
SUBGRADE SHALL BE COMPACTED TO 95% MAXIMUM DENSITY. FILL MATERIAL (IF REQUIRED) TO ACHIEVED PROPOSED GRADES SHALL MEET THE REQUIREMENTS FOR "EARTH FILL" AS STATED IN THE SPECIFICATIONS, AND BE PLACED IN NO GREATER THAN 12" LIFTS AND COMPACTED TO 95% MAXIMUM DENSITY.



- NOTE:
1. FOR OVERALL DIMENSIONS OF CONCRETE PAD SEE SITE PLAN
 2. LATTICE IS SHOWN AS OPTION, NOT CONSTRUCTION STANDARD.

DUMPSTER ENCLOSURE DETAIL

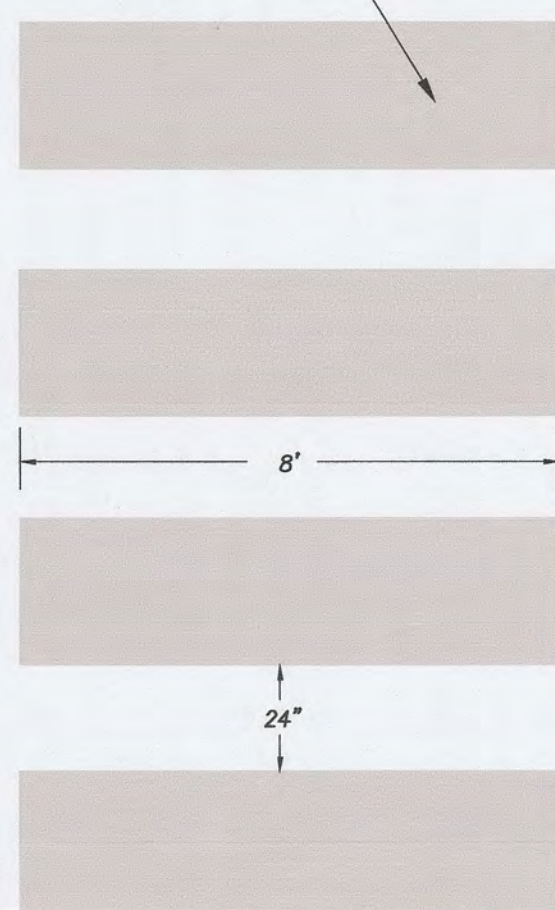
NOT TO SCALE



CONCRETE DUMPSTER PAD

NOT TO SCALE

COLOR: WHITE
TYPE: EPOXY RESIN
PAINTED IN ACCORDANCE WITH CT D.O.T. FORM 818 SEC. M.07.22



CROSSWALK DETAIL

NOT TO SCALE

