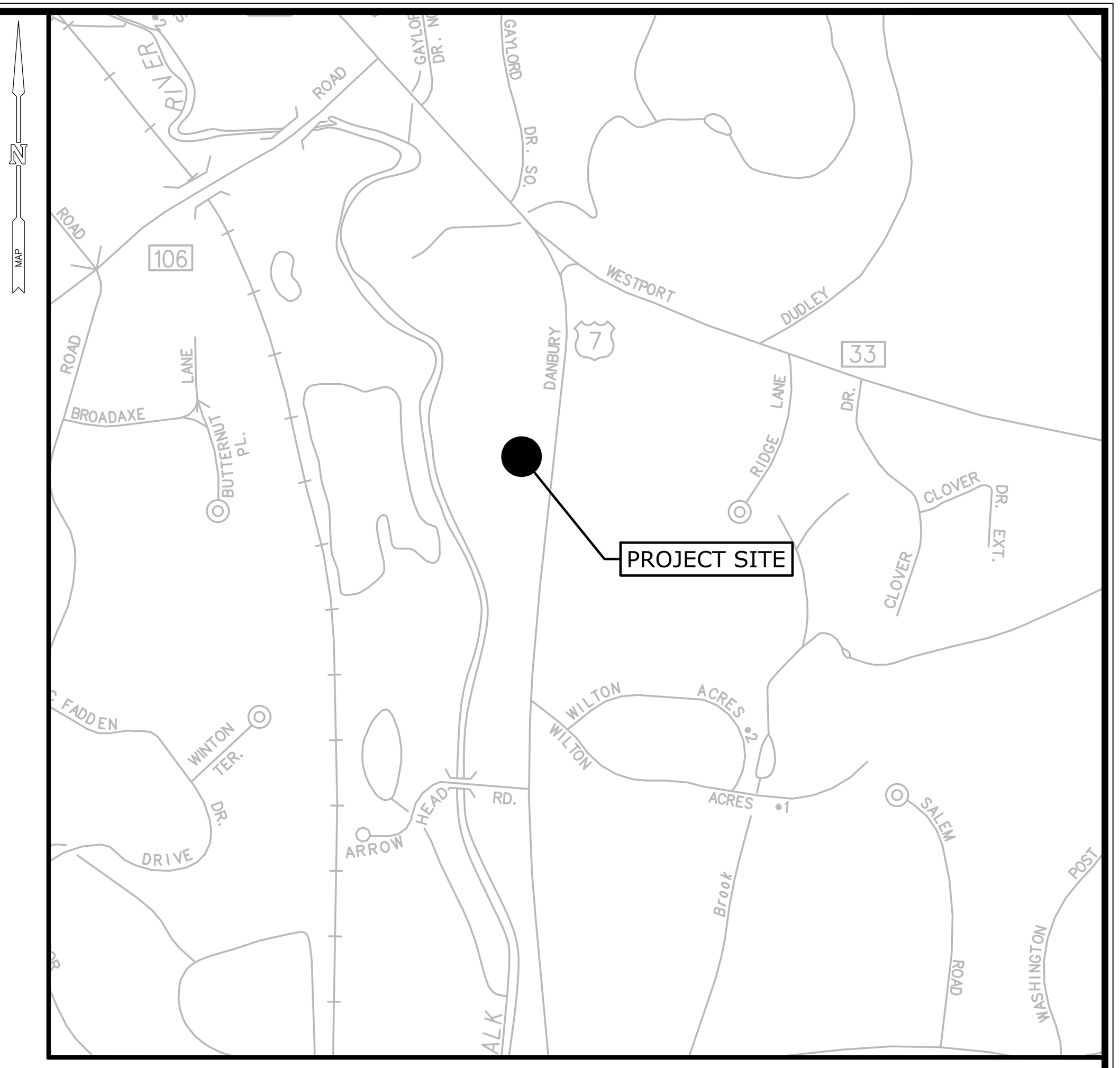
PROPOSED MULTI-FAMILY DEVELOPMENT

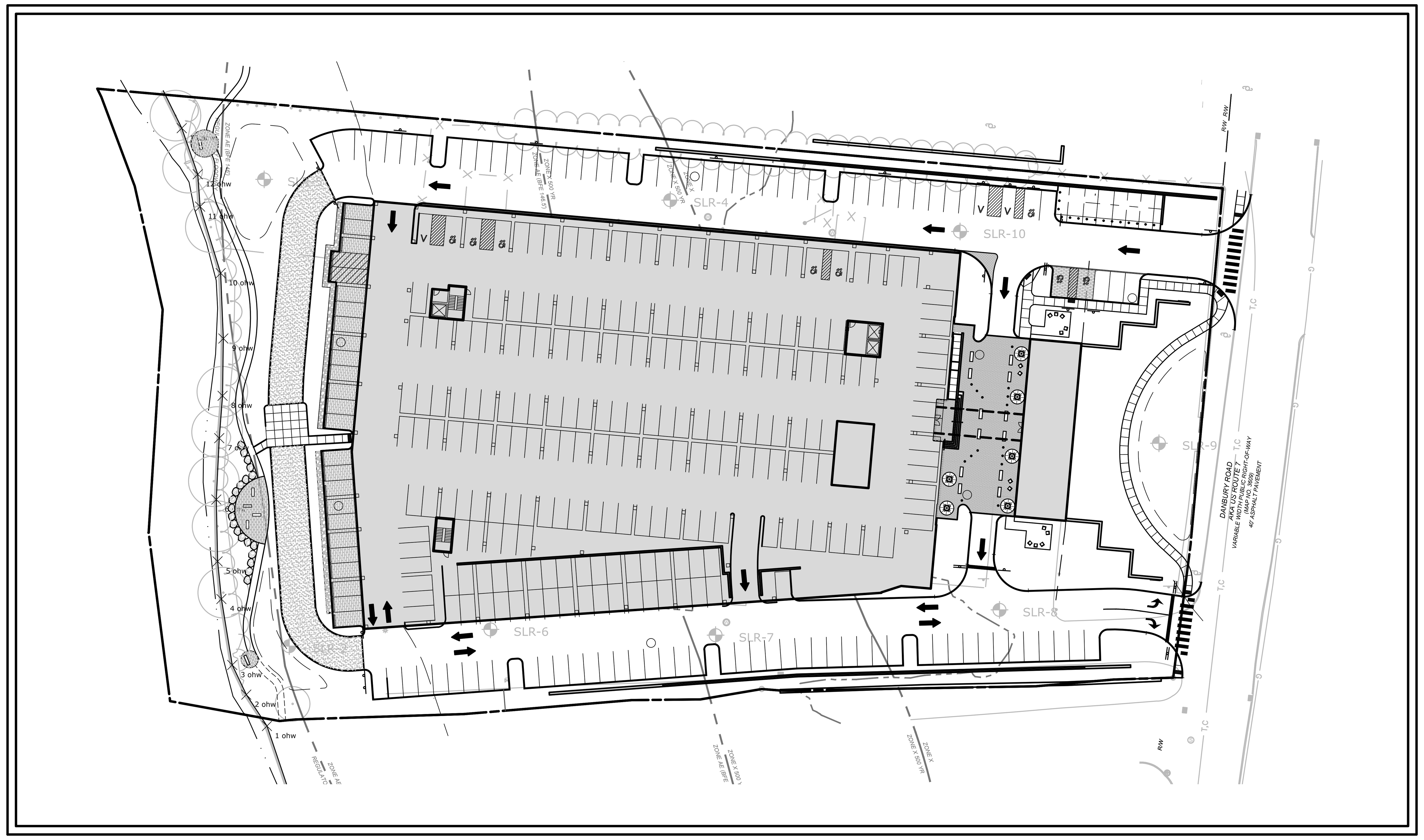
131 DANBURY ROAD
WILTON, CONNECTICUT

21543.00001
OCTOBER 23, 2023
REVISED: NOVEMBER 27. 2023
REVISED: JANUARY 9, 2024
REVISED: FEBRUARY 13, 2024



LOCATION MAP:

SCALE 1" = 800'



PROJECT SITE VICINITY MAP:

SCALE 1" = 50'

GENERAL NOTES

1. PROPERTY AND TOPOGRAPHIC INFORMATION COMPILED FROM A MAP ENTITLED, "ALTA/NSPS LAND TITLE SURVEY, 131 DANBURY ROAD, FAIRFIELD COUNTY, WILTON, CONNECTICUT 06897", PREPARED BY: BLEW & ASSOCIATES, P.A., SCALE: 1"=30'.
2. NORTH ARROW, BEARINGS AND COORDINATES ARE BASED UPON THE CONNECTICUT COORDINATE SYSTEM (NAD 1983). ELEVATIONS, CONTOURS AND BENCH MARK ARE BASED UPON (NAVD 1988).
3. INFORMATION REGARDING THE LOCATION OF EXISTING UTILITIES HAS BEEN BASED UPON AVAILABLE INFORMATION AND MAY BE INCOMPLETE, AND WHERE SHOWN SHOULD BE CONSIDERED APPROXIMATE. THE LOCATION OF ALL EXISTING UTILITIES SHOULD BE CONFIRMED PRIOR TO BEGINNING CONSTRUCTION. CALL "CALL BEFORE YOU DIG", 1-800-922-4455. ALL UTILITY LOCATIONS THAT DO NOT MATCH THE VERTICAL OR HORIZONTAL CONTROL SHOWN ON THE PLANS SHALL IMMEDIATELY BE BROUGHT TO THE ATTENTION OF THE ENGINEER FOR RESOLUTION.
4. SLR INTERNATIONAL CORPORATION ACCEPTS NO RESPONSIBILITY FOR THE ACCURACY OF MAPS AND DATA WHICH HAVE BEEN SUPPLIED BY OTHERS.
5. ALL UTILITY SERVICES ARE TO BE UNDERGROUND. THE EXACT LOCATION, MEANS OF CONSTRUCTION, AND SIZE OF ELECTRIC, TELEPHONE, AND CABLE TELEVISION ARE TO BE DETERMINED BY THE RESPECTIVE UTILITY COMPANIES.
6. ALL DIMENSIONS AND ELEVATIONS SHALL BE VERIFIED IN THE FIELD PRIOR TO CONSTRUCTION. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER.
7. SEDIMENT AND EROSION CONTROL MEASURES AS DEPICTED ON THESE PLANS AND DESCRIBED WITHIN THE SEDIMENT AND EROSION CONTROL NARRATIVE SHALL BE IMPLEMENTED AND MAINTAINED UNTIL PERMANENT COVER AND STABILIZATION IS ESTABLISHED. ALL SEDIMENT AND EROSION CONTROL MEASURES SHALL CONFORM TO THE "GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL, CONNECTICUT - 2002". AND IN ALL CASES BEST MANAGEMENT PRACTICES SHALL PREVAIL
8. ALL DISTURBED AREAS SHALL RECEIVE A MINIMUM OF 6" TOPSOIL, AND BE SEEDED WITH GRASS, AS SHOWN ON THE PLANS.
9. ALL PROPOSED CONTOURS AND SPOT ELEVATIONS INDICATE FINISHED GRADE.
10. ALL CONSTRUCTION MATERIALS AND METHODS SHALL CONFORM TO THE TOWN OF WILTON REQUIREMENTS AND TO THE APPLICABLE SECTIONS OF THE STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROADS, BRIDGES, FACILITIES AND INCIDENTAL CONSTRUCTION, FORM 819 AND ADDENDUMS.
11. THE PLANS REQUIRE A CONTRACTOR'S WORKING KNOWLEDGE OF LOCAL, MUNICIPAL, WATER AUTHORITY, AND STATE CODES FOR UTILITY SYSTEMS. ANY CONFLICTS BETWEEN MATERIALS AND LOCATIONS SHOWN, AND LOCAL REQUIREMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO THE EXECUTION OF WORK. THE ENGINEER WILL NOT BE HELD LIABLE FOR COSTS INCURRED TO IMPLEMENT OR CORRECT WORK WHICH DOES N0T CONFORM TO LOCAL CODE.
12. ALL FUEL, OIL, PAINT, OR OTHER HAZARDOUS MATERIALS USED DURING CONSTRUCTION SHOULD BE STORED IN A SECONDARY CONTAINER ABOVE THE FLOOD LIMITS OF THE NORWALK RIVER AND REMOVED TO A LOCKED INDOOR AREA WITH AN IMPERVIOUS FLOOR DURING NON-WORK HOURS.
13. COMPLIANCE WITH THE PERMIT CONDITIONS IS THE RESPONSIBILITY OF BOTH THE CONTRACTOR AND THE PERMITTEE.
14. ANY PROPOSED STRUCTURES AND LANDSCAPE FEATURES WITHIN THE FLOODWAY SHALL BE CERTIFIED BY AN ENGINEER TO WITHSTAND CALCULATED BASE FLOOD VELOCITIES.
15. THE PROJECT SITE SHALL REMAIN CLEAN OF TRASH AND DEBRIS AT ALL TIMES. ADEQUATE TRASH STORAGE FACILITIES SHALL BE PROVIDED AND EMPTIED ON A ROUTINE BASIS AND AS NEEDED. TRASH SHALL NOT BE STORED WITHIN THE LIMITS OF THE 100-YEAR FLOOD.
16. A CTDOT ENCROACHMENT PERMIT IS REQUIRED FOR ALL WORK WITHIN THE ROUTE 7 RIGHT OF WAY.
17. ANY FILL MATERIAL NEEDED IN THE REGULATED AREAS WILL BE CLEAN, NATIVE TOPSOIL AND GRANULAR MATERIALS.

ZONING DATA TABLE

EXISTING ZONE: DE-5R DESIGN ENTERPRISE RESIDENTIAL

	DE-5R REQUIRED	PROPOSED
LOT AREA	3 ACRES MINIMUM	4.75 ACRES
FRONTAGE	150 FT. MINIMUM	292 FT.
FRONT YARD	75 FT. MINIMUM	75 FT.
SIDE YARD	50 FT. MINIMUM (EACH)	51.9 FT.
REAR YARD	100 FT. MINIMUM	114.2 FT.
SITE COVERAGE	75% MAXIMUM	70%
BUILDING HEIGHT	55 FT. (4 STORIES) MAXIMUM* 65 FT. (4.5 STORIES) MAXIMUM	55 FT. (4 STORIES) 65 FT. (4.5 STORIES)
BUILDING COVERAGE	40% MAXIMUM (82,794 SF)	40% (82,684 SF)
PARKING SETBACK	10 FT. MINIMUM	10 FT.
NORWALK RIVER PARKING SETBACK	60 FT. MINIMUM	66.5 FT.
NORWALK RIVER BUILDING SETBACK	80 FT. MINIMUM	85.5 FT.
PARKING	1 SPACE/ONE-BEDROOM UNIT, 2 SPACES FOR 2+ BEDROOM UNIT (321 SPACES)	321***

*AN ADDITIONAL 10' MAY BE PERMITTED TO ACCOMODATE AN ADDITIONAL ONE-HALF STORY

**UNIT MIX CONSISTS OF 95 ONE-BEDROOM, 105 TWO-BEDROOM, AND 8 THREE-BEDROOM UNITS

***NOT INCLUDING 22 TANDEM SPACES. PARKING TOTAL CONSISTS OF 310 STANDARD SPACES, 8 HANDICAP ACCESSIBLE SPACES, AND 3 VAN SPACES.

811
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STATE OF CONNECTICUT · THOMAS J. DALY · LICENSED · PROFESSIONAL ENGINEER

PREPARED BY:

SLR
99 REALTY DRIVE
CHESHIRE, CT 06410
203.271.1773
SLRCONSULTING.COM

PREPARED FOR:

AMS ACQUISITIONS
ONE BRIDGE PLAZA NORTH, SUITE 840
FORT LEE, NJ 07024

LIST OF DRAWINGS

LAYOUT NOTES

1. LAYOUT CRITERIA AND DIMENSIONS FOR BUILDINGS ARE NOT SHOWN ON THIS PLAN. ALL BUILDINGS SHALL BE LOCATED BY A CONNECTICUT LICENSED SURVEYOR AND COORDINATED WITH THE FOUNDATION PLANS SUPPLIED BY THE ARCHITECT OR THEIR CONSULTANT.
2. ALL DIMENSIONS AND ELEVATIONS SHALL BE VERIFIED IN THE FIELD PRIOR TO CONSTRUCTION. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER.
3. FOR DETAILED INFORMATION PERTAINING TO PROPOSED BUILDINGS REFER TO ARCHITECTURAL AND STRUCTURAL DRAWINGS.
4. IN ALL CASES IN WHICH PROPOSED ROADS, SIDEWALKS AND CURBING WILL BE TIED INTO EXISTING ROAD/SIDEWALK AND/OR CURBS THE CONTRACTOR SHALL MATCH THE LINE AND GRADE OF THE EXISTING CONDITIONS.

PLANTING NOTES

1. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO EXCAVATING PLANT PITS.
2. THE LANDSCAPE CONTRACTOR SHALL PROVIDE A 6" MINIMUM DEPTH OF TOPSOIL FOR ALL LAWN AREAS. WATER AS NECESSARY TO ESTABLISH TURF.
3. ALL PLANTING BEDS SHALL HAVE 12" MINIMUM DEPTH OF TOPSOIL.
4. THE LANDSCAPE CONTRACTOR SHALL PROVIDE A 4" MIN. DEPTH OF SHREDDED MULCH OVER ALL PLANTING BEDS AND TREE PLANTINGS. NO DYED MULCH.
5. ALL PLANT MATERIAL IS SUBJECT TO INSPECTION AND APPROVAL BY THE LANDSCAPE ARCHITECT PRIOR TO AND AFTER PLANTING.
6. PLANT SPECIES MAY BE SUBSTITUTED BASED ON AVAILABILITY AT TIME OF PLANTING. ALL PLANT MATERIAL SUBSTITUTIONS ARE SUBJECT TO REVIEW AND APPROVAL BY THE LANDSCAPE ARCHITECT AND TOWN STAFF.
7. ALL PLANT MATERIALS SHALL CARRY A FULL GUARANTEE FOR A PERIOD OF ONE YEAR FROM THE DATE OF ACCEPTANCE, TO INCLUDE PROMPT TREATMENT OR REMOVAL AND REPLACEMENT OF ANY PLANTS FOUND TO BE IN AN UNHEALTHY CONDITION BY THE LANDSCAPE ARCHITECT. ALL REPLACEMENTS SHALL BE OF THE SAME KIND AND SIZE OF PLANTS SPECIFIED IN THE PLANT LIST.
8. MAINTENANCE SHALL BEGIN IMMEDIATELY AFTER PLANTING AND SHALL CONTINUE UNTIL ACCEPTANCE BY THE LANDSCAPE ARCHITECT. MAINTENANCE SHALL INCLUDE WATERING, MULCHING, TIGHTENING & REPLACING OF GUYS, REPLACEMENT OF SICK OR DEAD PLANTS, RESETTING PLANTS TO PROPER GRADE OR UPRIGHT (PLUMB) POSITION, RESTORATION OF SAUCERS, AND ALL OTHER CARE NEEDED FOR PROPER GROWTH OF THE PLANTS.
9. WHERE A SIZE RANGE IS SPECIFIED AT LEAST 50% OF PLANTS PROVIDED SHALL BE OF THE LARGER SIZE.
10. CONTRACTOR TO REMOVE TREE STAKES AFTER ONE GROWING SEASON.
11. PLACEMENT OF PLANTS ARE APPROXIMATE AND MAY REQUIRE ADJUSTMENT IN THE FIELD BY THE OWNER.
12. TREES CALLED TO REMAIN TO BE EVALUATED BY AN ARBORIST TO CONFIRM THEY ARE HEALTHY.

UTILITY NOTES

1. LOCATIONS OF ALL EXISTING UTILITIES ARE APPROXIMATE.
2. MAINTAIN 10' HORIZONTAL OR 18" VERTICAL SEPARATION BETWEEN SANITARY SEWER AND WATER SERVICE LATERALS.
3. INSTALLATION OF WATER AND SANITARY SEWER SHALL CONFORM TO THE TOWN OF WILTON WATER POLLUTION CONTROL AUTHORITY RULES AND REGULATIONS.
4. INSTALL CLEANOUT 5' FROM FACE OF BUILDING
5. COORDINATE WITH RESPECTIVE UTILITY COMPANIES AND COMPLY WITH THEIR RESPECTIVE REQUIREMENTS.
6. ALL CATCH BASINS SHALL HAVE A 4 FOOT SUMP.
7. ALL EXISTING UTILITIES ON SITE TO BE REMOVED.
8. AFTER A FLOOD EVENT, THE BASINS AND STORM STRUCTURES SHALL BE INSPECTED AND ANY ACCUMULATED DEBRIS SHALL BE REMOVED.
9. ALL HDPE PIPE SHALL BE ADS N-12 HDPE.
10. CONTRACTOR SHALL COORDINATE WITH EVERSOURCE AND EVERSOURCE PERSONNEL SHALL BE PRESENT FOR ANY WORK NEAR THE EXISTING EVERSOURCE TRANSMISSION LINE IN DANBURY ROAD.

EROSION CONTROL NOTES, CONTRACTOR RESPONSIBILITIES

1. SEDIMENT AND EROSION CONTROLS SHALL BE INSPECTED AT LEAST ONCE A WEEK AND WITHIN 24 HOURS OF THE END OF A STORM WITH A RAINFALL AMOUNT OF 0.5 INCH OR GREATER. A LOG OF SUCH INSPECTIONS SHALL BE MAINTAINED AT THE SITE.
2. THE SEDIMENT AND EROSION CONTROL PLAN SHALL BE MODIFIED BY THE CONTRACTOR AT THE DIRECTION OF THE ENGINEER AND THE TOWN'S DESIGNATED REPRESENTATIVE AS NECESSITATED BY CHANGING SITE CONDITIONS
3. INSPECTION OF THE SITE FOR EROSION SHALL CONTINUE FOR A PERIOD OF THREE MONTHS AFTER COMPLETION WHEN RAINFALLS OF ONE INCH OR MORE OCCUR.
4. ALL DEWATERING WASTE WATERS SHALL BE DISCHARGED IN A MANNER WHICH MINIMIZES THE DISCOLORATION OF THE RECEIVING WATERS.
5. THE SITE SHOULD BE KEPT CLEAN OF LOOSE DEBRIS, LITTER, AND BUILDING MATERIALS SUCH THAT NONE OF THE ABOVE ENTER WATERS OR WETLANDS.
6. A COPY OF ALL PLANS AND REVISIONS, AND THE SEDIMENT AND EROSION CONTROL PLAN SHALL BE MAINTAINED ON-SITE AT ALL TIMES DURING CONSTRUCTION.
7. ALL CATCH BASIN SUMPS SHOULD BE INSPECTED AFTER CONSTRUCTION COMPLETION AND SEDIMENT REMOVED. THE SEDIMENT SHALL BE DISPOSED OF IN AN APPROVED LOCATION.

CONSTRUCTION SEQUENCE

SEE CONSTRUCTION MANAGEMENT PLAN PREPARED BY AMS CONSTRUCTION MANAGEMENT LLC.

STORMWATER MAINTENANCE PROGRAM

UPON SITE DEVELOPMENT, THERE WILL BE A NEED TO PERIODICALLY MAINTAIN STORMWATER SYSTEMS ON THE PROPERTY.

IN ORDER TO ENSURE OPTIMAL PERFORMANCE OF THE SYSTEM, THE FOLLOWING STORMWATER MAINTENANCE PROGRAM HAS BEEN ESTABLISHED. THE PROPERTY OWNER WILL BE RESPONSIBLE FOR IMPLEMENTATION OF THIS PROGRAM. A LOG OF ALL INSPECTIONS, CLEANING AND REPAIRS SHALL BE MAINTAINED BY THE PROPERTY OWNER AND BE AVAILABLE FOR REVIEW.

A. CATCH BASINS/YARD DRAINS

CATCH BASINS ARE DESIGNED WITH 4-FOOT MINIMUM DEPTH SUMPS FOR THE PURPOSE OF COLLECTING COARSE SEDIMENT. ALL CATCH BASINS SHOULD BE INSPECTED TWO TIMES PER YEAR, TYPICALLY WHEN THE SITE IS SWEPT IN THE SPRING AFTER WINTER SANDING AND IN THE FALL AFTER ALL THE LEAVES HAVE FALLEN. SITE SWEEPING SHALL BE PROVIDED BETWEEN APRIL 15 AND MAY 15 EACH SPRING.

SEDIMENT SHOULD BE REMOVED WHEN IT EXTENDS TO WITHIN 6 INCHES OF THE OUTLET PIPE INVERT OR NOT LESS THAN ONCE PER YEAR. CLEANOUT WITH A VACUUM TRUCK IS GENERALLY THE BEST AND MOST CONVENIENT METHOD. THE SEDIMENT SHALL BE DISPOSED OF IN AN APPROVED OFF-SITE LOCATION IN ACCORDANCE WITH TOWN AND STATE REQUIREMENTS.

PAVEMENT SWEEPING

THE PARKING AREA AND ROADWAY SHALL BE SWEPT ANNUALLY. SWEEPING SHOULD OCCUR IN THE SPRING AFTER WINTER SANDING, BETWEEN APRIL 15 AND MAY 15. SALT ALTERNATIVES SHALL BE USED DURING WINTER MONTHS FOR DEICING.

B. PROPRIETARY HYDRODYNAMIC SEPARATOR

BEFORE BEING DISCHARGED TO THE NORWALK RIVER, STORMWATER RUNOFF FROM THE ROADWAY AND BUILDING WILL BE DIRECTED TO A HYDRODYNAMIC SEPARATOR. THIS STRUCTURE WILL REMOVE SUSPENDED SOLIDS, DEBRIS AND FLOATABLES CONSTITUENTS FROM STORMWATER. OIL, SCUM, AND SEDIMENT WILL EVENTUALLY ACCUMULATE AND CAN BE REMOVED THROUGH A MANHOLE LOCATED AT THE TOP OF THE SEPARATOR. THIS STRUCTURE WILL BE MAINTAINED YEARLY, OR MORE FREQUENTLY AS REQUIRED. THE UNIT SHOULD BE INSPECTED AND MAINTAINED IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS. WASTE MATERIAL WILL BE PROPERLY DISPOSED OF OFF THE SITE.

C. UNDERGROUND DETENTION SYSTEMS

UNDERGROUND DETENTION SYSTEMS SHALL BE INSPECTED QUARTERLY AND SEDIMENT SHALL BE REMOVED AS NEEDED TO ENSURE PROPER FUNCTIONING OF STRUCTURES. AREAS OF DISTURBANCE THAT MAY BE AS A RESULT OF CLEANING SHALL BE SEEDED AND PLANTED IN ACCORDANCE WITH THE ORIGINAL PLANTING PLAN. THESE STRUCTURES WILL BE MAINTAINED YEARLY, OR MORE FREQUENTLY AS REQUIRED. WASTE MATERIAL WILL BE PROPERLY DISPOSED OF OFF-SITE.

ISOLATOR ROW

THE ISOLATOR ROWS INTEGRATED TO THE STORMWATER CHAMBERS SYSTEMS SHOULD BE MAINTAINED IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS. A COPY OF THE STORMTECH "ISOLATOR ROW O&M MANUAL" IS INCLUDED IN THE ENGINEERING REPORT. AT A MINIMUM, THE MAINTENANCE SCHEDULE SHOULD INCLUDE THE FOLLOWING:

1) THE ISOLATOR ROW UNIT SHALL BE COMPLETELY CLEANED OF ACCUMULATED DEBRIS AND SEDIMENTS AT THE COMPLETION OF CONSTRUCTION.
2) THE ISOLATOR ROW SHALL BE INSPECTED EVERY 6 MONTHS FOR THE FIRST YEAR OF OPERATION.
3) FOR SUBSEQUENT YEARS, THE INSPECTION SHOULD BE ADJUSTED BASED UPON PREVIOUS OBSERVATION OF SEDIMENT DEPOSITION. AT A MINIMUM, THE ISOLATOR ROW SHALL BE INSPECTED ANNUALLY.
4) IF UPON VISUAL INSPECTION THE SEDIMENT DEPOSIT ALONG THE LENGTH OF THE ISOLATOR ROW EXCEEDS 3 INCHES, CLEANOUT SHALL BE PERFORMED.
5) MAINTENANCE IS ACCOMPLISHED WITH THE JETVAC PROCESS.

E. LAWN AND VEGETATED AREAS

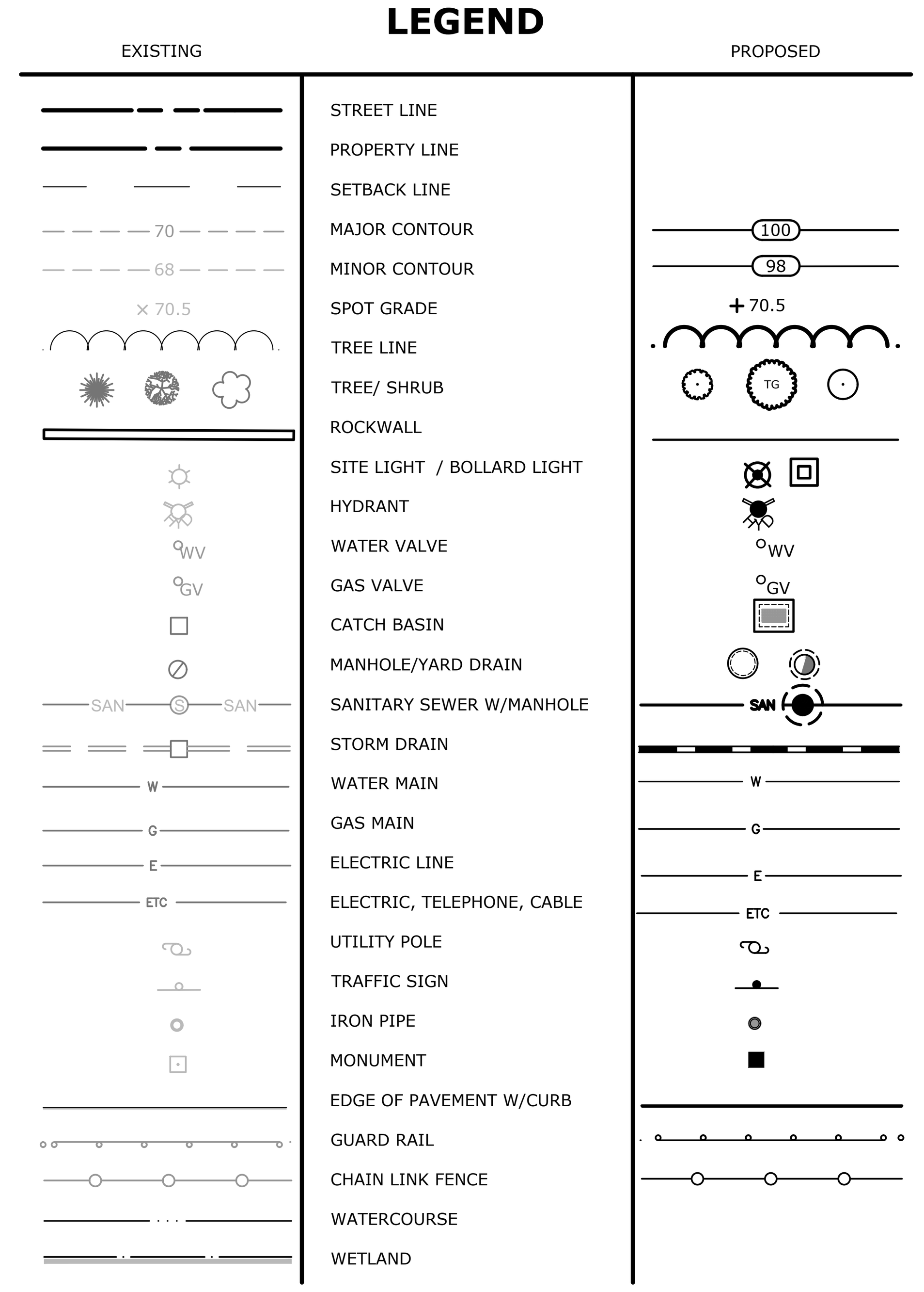
VEGETATED COVER SHALL BE MAINTAINED ON ALL EARTH SURFACES TO MINIMIZE SOIL EROSION. USE IF FERTILIZER SHOULD BE MINIMIZED AND APPLIED USING PRUDENT APPLICATION PROCESSES.

F. ROOF GUTTERS

REMOVE ACCUMULATED DEBRIS AND INSPECT FOR CLOGGING AND/OR DAMAGE AT LEAST ONCE A YEAR, TYPICALLY IN THE FALL AFTER THE LEAVES HAVE FALLEN. ANY DAMAGE SHOULD BE REPAIRED AS REQUIRED.

G. AFTER A FLOOD EVENT, THE BASINS AND STORM STRUCTURES SHALL BE INSPECTED AND ANY ACCUMULATED DEBRIS SHALL BE REMOVED.

LEGEND



BORING LOGS

BORINGS WERE PERFORMED ON DECEMBER 12, 2023, OBSERVED BY SLR CONSULTING.

SLR-1
DEPTH=32'
0'-0.25' ASPHALT
0.25'-1.4' GRAY-BROWN, FINE TO COARSE SAND, SOME FINE TO COARSE GRAVEL, TRACE SILT
1.4'-3.4' DARK BROWN, FINE TO MEDIUM SAND, LITTLE SILT, LITTLE FINE GRAVEL, TRACE ORGANIC MATTER
3.4'-5' GRAY-BROWN, FINE TO MEDIUM SAND, LITTLE SILT
5'-10' BROWN, FINE TO COARSE SAND, SOME FINE TO COARSE GRAVEL, TRACE SILT
10'-20' GRAY, FINE TO COARSE SAND, SOME FINE TO COARSE GRAVEL, LITTLE SILT
20'-30' GRAY, FINE TO COARSE SAND AND FINE TO COARSE GRAVEL, TRACE SILT
30'-32' BROWN, FINE TO COARSE SAND AND FINE TO COARSE GRAVEL, TRACE SILT
GROUNDWATER AT 4.8'

SLR-2
DEPTH=12'
0'-0.33' ASPHALT
0.33'-1' GRAY, FINE TO COARSE SAND, SOME FINE TO COARSE GRAVEL, TRACE SILT
1'-3.8' BLACK, FINE TO MEDIUM SAND, LITTLE SILT, SOME ORGANIC SILT, LITTLE FINE GRAVEL
3.8'-12' GRAY, FINE TO COARSE SAND AND FINE TO COARSE GRAVEL, TRACE SILT
GROUNDWATER AT 3.7'
PERMEABILITY=0.8 INCHES/HOUR

SLR-3
DEPTH=27'
0'-0.25' ASPHALT
0.25'-2.4' BROWN, FINE TO COARSE SAND AND FINE TO COARSE GRAVEL, TRACE SILT
2.4'-3' DARK BROWN, FINE TO COARSE SAND, SOME ORGANIC SILT
3'-5' DARK BROWN-BLACK, FINE TO COARSE SAND AND ORGANIC SILT, LITTLE FINE GRAVEL
5'-6' LIGHT BROWN, FINE TO COARSE SAND, SOME SILT
6'-10' BROWN, FINE TO COARSE SAND, SOME FINE TO COARSE GRAVEL, LITTLE SILT
10'-15' GRAY-BROWN, FINE TO COARSE SAND, LITTLE FINE GRAVEL, TRACE SILT
15'-20' GRAY, FINE TO COARSE SAND, LITTLE FINE GRAVEL, TRACE SILT
20'-25' GRAY, FINE TO COARSE SAND, SOME FINE TO COARSE GRAVEL, TRACE SILT
25'-27' GRAY, FINE TO COARSE SAND AND FINE TO COARSE GRAVEL, TRACE SILT
GROUNDWATER AT 6.3'

SLR-4
DEPTH=17'
0'-0.75' DARK BROWN, FINE TO MEDIUM SAND, SOME SILT, TRACE ORGANIC
0.75'-2' BROWN, FINE TO COARSE SAND, SOME FINE TO COARSE GRAVEL, TRACE SILT
2'-5' DARK BROWN-BLACK, FINE TO MEDIUM SAND, SOME ORGANIC SILT, TRACE FINE GRAVEL
5'-10' BLACK, FINE TO MEDIUM SAND, SOME ORGANIC SILT
10'-15' GRAY, FINE TO COARSE SAND AND FINE TO COARSE GRAVEL, TRACE SILT
15'-17' GRAY, FINE TO COARSE SAND, TRACE FINE GRAVEL, TRACE SILT
GROUNDWATER AT 10'

SLR-5
DEPTH=12'
0'-0.25" ASPHALT
0.25'-1' BROWN, FINE TO COARSE SAND, SOME FINE TO COARSE GRAVEL, SOME SILT
1'-3' BROWN, FINE TO COARSE SAND, SOME SILT
3'-12' GRAY-BROWN, FINE TO COARSE SAND AND FINE TO COARSE GRAVEL, SOME SILT
GROUNDWATER AT 3.5'
PERMEABILITY=2.5 INCHES/HOUR

SLR-6
DEPTH=17'
0'-0.25" ASPHALT
0.25'-3' BROWN, FINE TO COARSE SAND AND FINE TO COARSE GRAVEL, LITTLE SILT
3'-3.5' DARK BROWN, FINE TO MEDIUM SAND, SOME ORGANIC SILT
3.5'-5' BROWN, FINE TO COARSE SAND, LITTLE SILT, TRACE FINE GRAVEL
5'-7' BROWN, FINE TO COARSE SAND AND FINE TO COARSE GRAVEL, LITTLE SILT
7'-10' BROWN-GRAY, FINE TO COARSE GRAVEL AND FINE TO COARSE SAND, LITTLE SILT
10'-17' BROWN, FINE TO COARSE SAND AND FINE TO COARSE GRAVEL, LITTLE SILT
GROUNDWATER AT 5'
PERMEABILITY=10.6 INCHES/HOUR

SLR-7
DEPTH=12'
0'-0.3' ASPHALT
0.3'-5' BROWN, FINE TO COARSE SAND, SOME FINE TO COARSE GRAVEL, SOME SILT
5'-7' BROWN, FINE TO MEDIUM SAND, LITTLE FINE GRAVEL
7'-10' BROWN, FINE TO COARSE GRAVEL AND FINE TO COARSE SAND, SOME SILT
10'-12' BROWN, FINE TO COARSE SAND AND FINE TO COARSE GRAVEL, SOME SILT
GROUNDWATER AT 5'
PERMEABILITY=2.1 INCHES/HOUR

SLR-8
DEPTH=27'
0'-0.33' ASPHALT
0.33'-1' BROWN, FINE TO COARSE SAND, SOME FINE TO COARSE GRAVEL, LITTLE SILT
1'-3' BROWN, FINE TO COARSE SAND AND FINE TO COARSE GRAVEL, LITTLE SILT
3'-5' BROWN, FINE TO COARSE GRAVEL AND FINE TO COARSE SAND, LITTLE SILT
5'-10' BROWN, FINE TO COARSE SAND AND FINE TO COARSE GRAVEL, LITTLE SILT
10'-15' BROWN, FINE TO COARSE GRAVEL AND FINE TO COARSE SAND, LITTLE SILT
15'-16' BROWN, FINE TO COARSE SAND, LITTLE SILT
16'-25' BROWN, FINE TO COARSE SAND AND FINE TO COARSE GRAVEL, LITTLE SILT
25'-27' BROWN, FINE TO COARSE SAND, SOME FINE TO COARSE GRAVEL, LITTLE SILT
GROUNDWATER AT 8.3'
PERMEABILITY=10.9 INCHES/HOUR

SLR-9
DEPTH=11.3'
0'-2.5' DARK BROWN, FINE TO MEDIUM SAND, SOME SILT, TRACE ORGANIC MATTER
2.5'-3' BROWN, FINE TO MEDIUM SAND AND SILT, TRACE ORGANIC MATTER
3'-11.3' BROWN, FINE TO COARSE SAND, SOME FINE TO COARSE GRAVEL, TRACE SILT
GROUNDWATER AT 8.8'

SLR-10
DEPTH=32'
0'-0.5' DARK BROWN, FINE TO MEDIUM SAND, SOME SILT, TRACE ORGANIC MATTER, TRACE FINE L
0.5'-10' BROWN, FINE TO COARSE SAND AND FINE TO COARSE GRAVEL, TRACE SILT
10'-15' BROWN, FINE TO COARSE GRAVEL AND FINE TO COARSE SAND, TRACE SILT
15'-25' BROWN, FINE TO COARSE SAND AND FINE TO COARSE GRAVEL, TRACE SILT
25'-32' BROWN, FINE TO COARSE SAND, LITTLE FINE TO COARSE GRAVEL, TRACE SILT
GROUNDWATER AT 9'

SLR
99 REALTY DRIVE
CHESHIRE, CT 06410
203.271.1773
SLRCONSULTING.COM

DESCRIPTION	DATE	BY
PEER REVIEW COMMENTS	1/09/2024	AWG
PEER REVIEW COMMENTS	2/13/2024	AWG

NOTES AND LEGEND
PROPOSED MULTI-FAMILY DEVELOPMENT
131 DANBURY ROAD
WILTON, CONNECTICUT

AWG	AWG	TD
DESIGNED	DRAWN	CHECKED

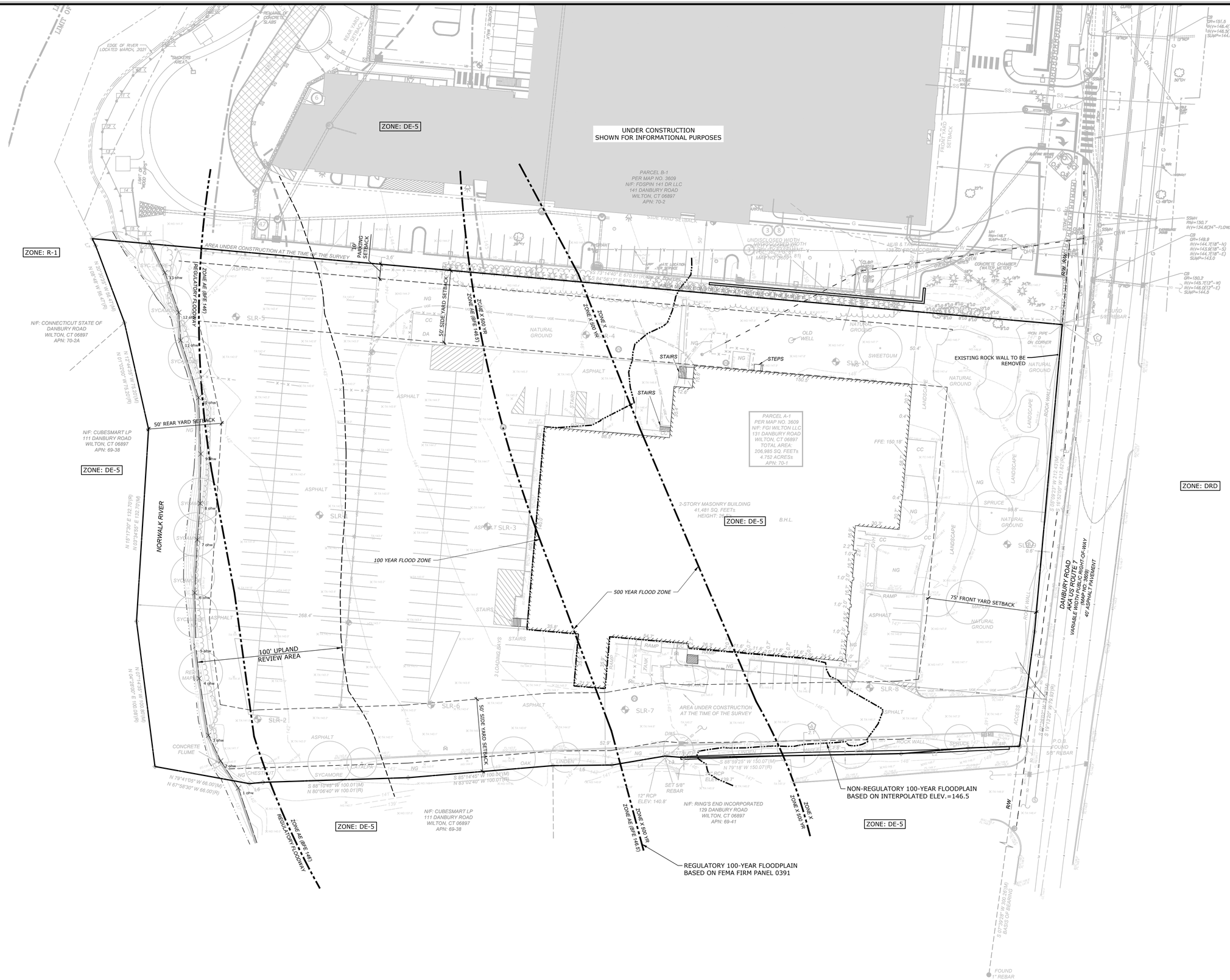
NOT TO SCALE
SCALE

OCTOBER 23, 2023
DATE

21543.00001
PROJECT NO.

03 OF 24
SHEET NO.

NL
SHEET NAME



SLR

99 REALTY DRIVE
CHESHIRE, CT 06410
203.271.1773
SLRCONSULTING.COM

DESCRIPTION	DATE	BY
PEER REVIEW COMMENTS	2/13/2024	AWG

EXISTING CONDITIONS

PROPOSED MULTI-FAMILY DEVELOPMENT

131 DANBURY ROAD
WILTON, CONNECTICUT

AWG	AWG	TD
DESIGNED	DRAWN	CHECKED

1"=30'
SCALE

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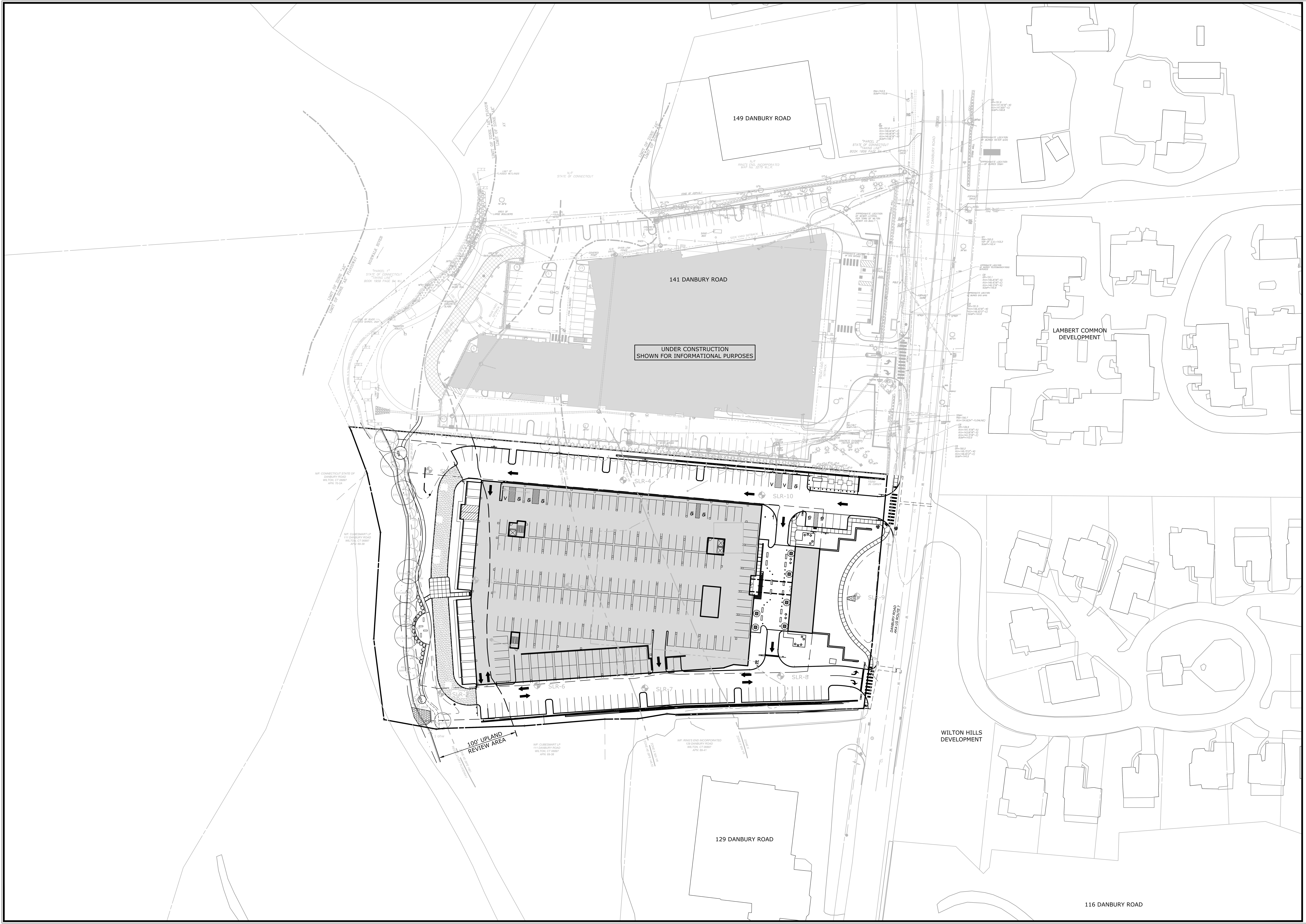
03 OF 24
SHEET NO.

EX
SHEET NAME



N W E S

0' 25' 50'
0 1/2" 1"

SLR

99 REALTY DRIVE
CHESHIRE, CT 06410
203.271.1773
SLRCONSULTING.COM

DESCRIPTION	DATE	BY
P&Z SUBMISSION	11/27/2023	AWG
PEER REVIEW COMMENTS	1/09/2024	AWG
PEER REVIEW COMMENTS	2/13/2024	AWG

SITE VICINITY PLAN

PROPOSED MULTI-FAMILY DEVELOPMENT

131 DANBURY ROAD
WILTON, CONNECTICUT

AWG	AWG	TD
DESIGNED	DRAWN	CHECKED

SCALE: 1"=50'

DATE: OCTOBER 23, 2023

PROJECT NO.: 21543.00001

SHEET NO.: 04 OF 24

SHEET NAME: SP

Drawing: W:\CADDESIGN\21543.00001-DE\CAD\AMSW-LAYOUT.DWG Layout Tab:SP
Plotted by: AGORALSKI On this date: Thu, 2024 February 15 - 9:21am

STABILIZED PEAGRAVEL WALK TO PROPERTY LINE (SUBJECT TO COORDINATION WITH NEIGHBOR)
INVASIVE PLANT REMOVAL AND RESTORED NATIVE RIPARIAN BUFFER
GATE
PERMEABLE PAVER PLAZAS WITH BENCH (TYP.)
NATIVE LANDSCAPE AREAS
4'-0" WIDE STABILIZED PEAGRAVEL WALKWAY
STORMWATER INFILTRATION RAIN GARDEN (TYP.)
CONCRETE CURBS (TYP.)
BITUMINOUS CONCRETE PAVING (TYP.)
LIGHT POLE (TYP.)
EXISTING RETAINING WALL TO REMAIN
PAINTED ADA STRIPING AND SYMBOL (TYP.)
RETAINING WALL
TAPER CONCRETE CURB TO MATCH EXISTING BITUMINOUS CONCRETE CURB (TYP.)
ALUMINUM BLACK PICKET FENCE
CONCRETE PAD GENERATOR
PROTECTIVE BOLLARDS (TYP.)
ABOVE GROUND ELECTRICAL UTILITIES
CONCRETE SIDEWALK TO MATCH EXISTING SIDEWALK
4' HT. SOLID BOARD FENCE
DROP RAMP (CTDOT TYPE 4E) WITH DETECTABLE WARNING PAD (TYP.)
CAPE COD MOUNTABLE CONCRETE CURB
FLUSH CONCRETE CURB
ONE WAY ENTRANCE INTO SITE
SITE SIGNAGE ON STONE WALL
END FLUSH CONCRETE CURB
STRIPED DEDICATED MOVE-IN TRUCK PARKING (15' LENGTH)
COBBLE FILTER STRIP
BUILDING MOUNTED DOWNLIGHTS (TYP.)
CONCRETE WHEEL STOP (TYP.)
FLUSH GRANITE COBBLE
PEA GRAVEL PLAZA (BOTH SIDES)
CONCRETE UNIT PAVERS
ELEVATOR (TYP.)
5'-0" WD. CONCRETE SIDEWALK
GROUPINGS OF BIRCH TREES WITH UNDERSTORY PLANTING OF NATIVE GRASSES (BOTH SIDES)
(2) ADA PARKING SPACES WITH PERMEABLE PAVERS AND DECORATIVE SIGN POSTS
66.5' PARKING SETBACK FROM NORWALK RIVER
50' REAR YARD SETBACK
FLUSH CONCRETE CURB EDGER
STAIRWELL (TYP.)
STABILIZED TURF (PERMEABLE)
BOLLARD LIGHT (TYP. OF 20)
FLUSH CONCRETE CURB
ON GRADE PARKING BELOW BUILDING
BUILDING COLUMN (TYP.)
CONCRETE ADA RAMP
CONCRETE STAIR AND HANDRAIL AND GRANITE TREADS - (4) RISERS - SEE DETAIL
STAIR HANDRAILS (TYP.)
JEWEL BOX BUILDING
36" HT. FIELDSTONE WALL
PROTECTIVE BOLLARDS AND PLANTERS (TYP.)
TABLE AND CHAIRS WITH UMBRELLAS (TYP.)
ADIRONDACK CHAIRS (TYP.)
STORMWATER INFILTRATION RAIN GARDEN
CAPE COD MOUNTABLE CONCRETE CURB
DROP RAMP (CTDOT TYPE 4E) WITH DETECTABLE WARNING PAD (TYP.)
TWO VEHICULAR PICK-UP, DROP-OFF, AND DELIVERY SPACES
ONE-WAY VEHICULAR ACCESS
ONE WAY EXIT OUT OF THE SITE
CAPE COD MOUNTABLE CONCRETE CURB
BEGIN FLUSH CONCRETE CURB
5'-0" WIDE CONCRETE WALKWAY
PERVIOUS CONCRETE BUMP-OUTS FOR FIRE TRUCK OUTRIGGERS
PERMEABLE PAVER PLAZA GATHERING SPACE WITH BOULDER RETAINMENT
PERMEABLE PAVER ON-GRADE PARKING ACCESSED FROM GARAGE
END FLUSH CONCRETE CURB
GRANITE BLOCK BENCHES (TYP.)
FLUSH CONCRETE CURB EDGER
ALL EXISTING SYCAMORE TREES ALONG RIVER EDGE TO REMAIN
FLUSH CONCRETE CURB (TO LOCK IN STABILIZED TURF)
RED MAPLE TO REMAIN
BEGIN FLUSH CONCRETE CURB
STORMWATER INFILTRATION RAIN GARDEN
WHITE PAINTED PARKING STRIPES
RETAINING WALL
ALUMINUM BLACK PICKET FENCE
EXISTING ROCK WALL TO REMAIN
36" HT. FIELDSTONE WALL
SITE SIGNAGE ON STONE WALL
WHITE SOLID LANE STRIPE
WHITE PAINTED ARROWS (TYP.)
CAPE COD MOUNTABLE CONCRETE CURB
STOP SIGN AND STOP BAR (TYP.)
DROP RAMP (CTDOT TYPE 4A) WITH DETECTABLE WARNING PAD (TYP.)
WHITE PAINTED CROSSWALK (TYP.)
CONCRETE SIDEWALK TO MATCH EXISTING GRADE
TANDEM PARKING SPACES -NOT INCLUDED IN PARKING COUNT SHOWN IN ZONING DATA TABLE
CHESTNUT TREE TO REMAIN
85.5' BUILDING SETBACK FROM NORWALK RIVER
100' UPLAND REVIEW AREA
FUTURE CONNECTION TO ADJACENT PROPERTY
N/F: CUBESMART LP
111 DANBURY ROAD
WILTON, CT 06897
APN: 69-38
N/F: RING'S END INCORPORATED
129 DANBURY ROAD
WILTON, CT 06897
APN: 69-41
ZONE AE (BFE 146.5')
ZONE X 500 YR
ZONE Y 500 YR
AREA UNDER CONSTRUCTION AT THE TIME OF THE SURVEY
APPROXIMATE LOCATION OF WATER SERVICE
ROOF OF CONFERS
AREA UNDER CONSTRUCTION AT THE TIME OF THE SURVEY
IRON PIPE FOUND ON CORNER
SYCAMORE
RED MAPLE
CHESTNUT
NORWALK RIVER

SIGN LEGEND

A	STOP	INSTALL R1-1	F	NO ACCESS BY CARS	INSTALL CUSTOM 30" X 24"
B	VAN ACCESSIBLE	INSTALL R7-(CT)	G	ADDITIONAL PARKING IN GARAGE	INSTALL CUSTOM 30" X 24"
C	DO NOT ENTER	INSTALL R5-1	H	ENTER HERE	INSTALL R3-(CT)
D	ONE WAY	INSTALL R6-1	I	ENTER HERE	INSTALL R3-(CT)
E	VAN ACCESSIBLE	INSTALL R7-8P			

SLR

99 REALTY DRIVE
CHESHIRE, CT 06410
203.271.1773
SLRCONSULTING.COM

DESCRIPTION	DATE	BY
PAZ SUBMISSION	11/27/2023	AWG
PEER REVIEW COMMENTS	1/08/2024	AWG
PEER REVIEW COMMENTS	2/13/2024	AWG

SITE PLAN - LAYOUT

PROPOSED MULTI-FAMILY DEVELOPMENT

131 DANBURY ROAD
WILTON, CONNECTICUT

JCW	SAS	TD
DESIGNED	DRAWN	CHECKED

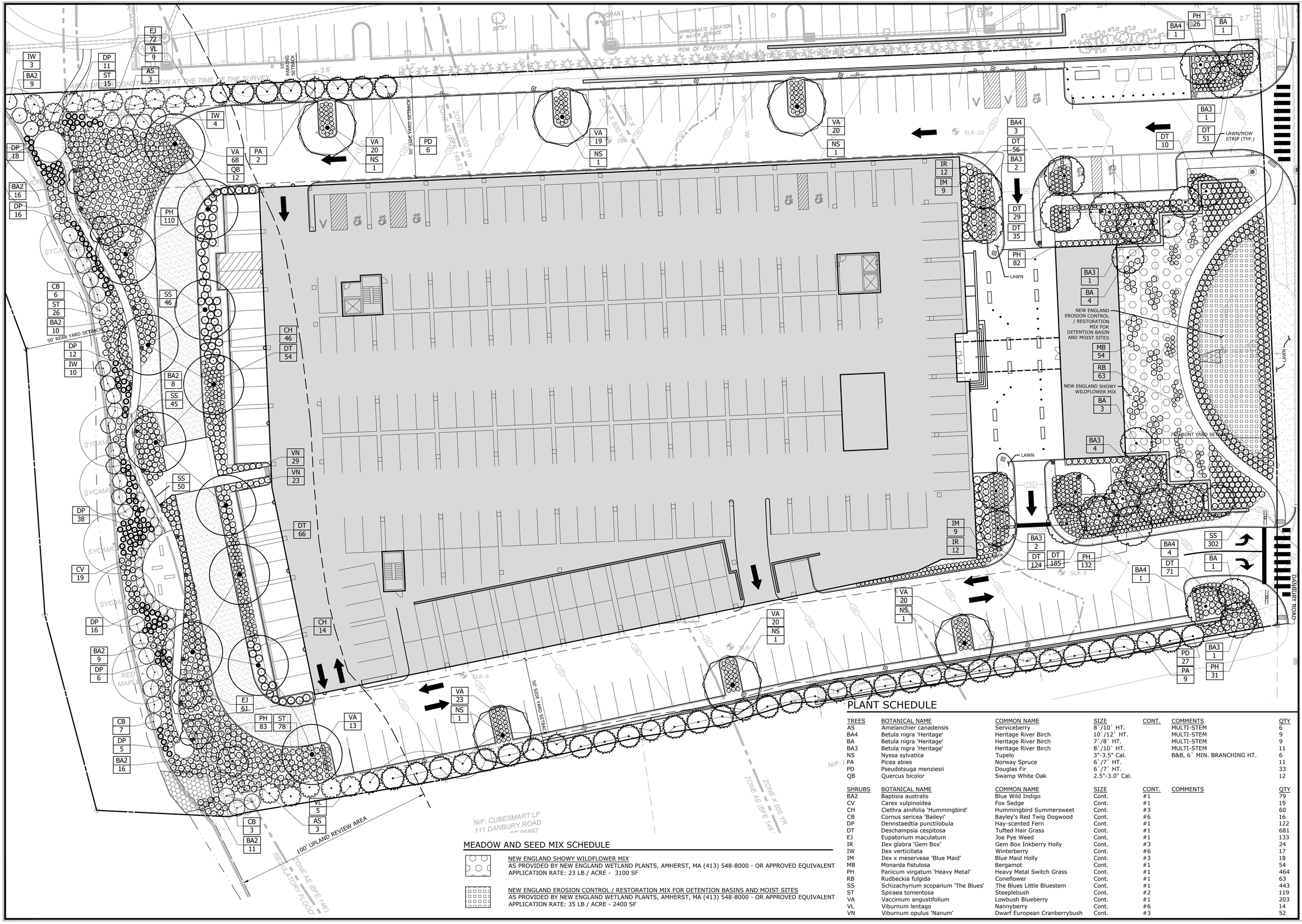
1"=20'
SCALE

OCTOBER 23, 2023
DATE

21543.00001
PROJECT NO.

05 OF 24
SHEET NO.

LA
SHEET NAME



PLANT SCHEDULE

TREES	BOTANICAL NAME	COMMON NAME	SIZE	CONT.	COMMENTS	QTY
AS	Amelanchier canadensis	Serviceberry	8`/10` HT.		MULTI-STEM	6
BA4	Betula nigra 'Heritage'	Heritage River Birch	10`/12` HT.		MULTI-STEM	9
BA	Betula nigra 'Heritage'	Heritage River Birch	7`/8` HT.		MULTI-STEM	9
BA3	Betula nigra 'Heritage'	Heritage River Birch	8`/10` HT.		MULTI-STEM	11
NS	Nyssa sylvatica	Tupelo	3"-3.5" Cal.		B&B, 6` MIN. BRANCHING HT.	6
PA	Picea abies	Norway Spruce	6`/7` HT.			11
PD	Pseudotsuga menziesii	Douglas Fir	6`/7` HT.			33
QB	Quercus bicolor	Swamp White Oak	2.5"-3.0" Cal.			12

SHRUBS	BOTANICAL NAME	COMMON NAME	SIZE	CONT.	COMMENTS	QTY
BA2	Baptisia australis	Blue Wild Indigo	Cont.	#1		79
CV	Carex vulpinoidea	Fox Sedge	Cont.	#1		19
CH	Clethra alnifolia 'Hummingbird'	Hummingbird Summersweet	Cont.	#3		60
CB	Cornus sericea 'Baileyi'	Bayley's Red Twig Dogwood	Cont.	#6		16
DP	Dennstaedtia punctilobula	Hay-scented Fern	Cont.	#1		122
DT	Deschampsia cespitosa	Tufted Hair Grass	Cont.	#1		681
EJ	Eupatorium maculatum	Joe Pye Weed	Cont.	#1		133
IR	Ilex glabra 'Gem Box'	Gem Box Inkberry Holly	Cont.	#3		24
IW	Ilex verticillata	Winterberry	Cont.	#6		17
IM	Ilex x meserveae 'Blue Maid'	Blue Maid Holly	Cont.	#3		18
MB	Monarda fistulosa	Bergamot	Cont.	#1		54
PH	Panicum virgatum 'Heavy Metal'	Heavy Metal Switch Grass	Cont.	#1		464
RB	Rudbeckia fulgida	Coneflower	Cont.	#1		63
SS	Schizachyrium scoparium 'The Blues'	The Blues Little Bluestem	Cont.	#1		443
ST	Spiraea tomentosa	Steeplebush	Cont.	#2		119
VA	Vaccinium angustifolium	Lowbush Blueberry	Cont.	#1		203
VL	Viburnum lentago	Nannyberry	Cont.	#6		14
VN	Viburnum opulus 'Nanum'	Dwarf European Cranberrybush	Cont.	#3		52

MEADOW AND SEED MIX SCHEDULE

NEW ENGLAND SHOWY WILDFLOWER MIX
AS PROVIDED BY NEW ENGLAND WETLAND PLANTS, AMHERST, MA (413) 548-8000 - OR APPROVED EQUIVALENT
APPLICATION RATE: 23 LB / ACRE - 3100 SF

NEW ENGLAND EROSION CONTROL / RESTORATION MIX FOR DETENTION BASINS AND MOIST SITES
AS PROVIDED BY NEW ENGLAND WETLAND PLANTS, AMHERST, MA (413) 548-8000 - OR APPROVED EQUIVALENT
APPLICATION RATE: 35 LB / ACRE - 2400 SF

DESCRIPTION	DATE	BY
PAZ SUBMISSION	11/27/2023	AWG
PEER REVIEW COMMENTS	1/08/2024	AWG
PEER REVIEW COMMENTS	2/13/2024	AWG

SLR

99 REALTY DRIVE
CHESHIRE, CT 06410
203.271.1773
SLRCONSULTING.COM

SITE PLAN - LANDSCAPING

PROPOSED MULTI-FAMILY DEVELOPMENT

131 DANBURY ROAD
WILTON, CONNECTICUT

AWG	AWG	TD
DESIGNED	DRAWN	CHECKED

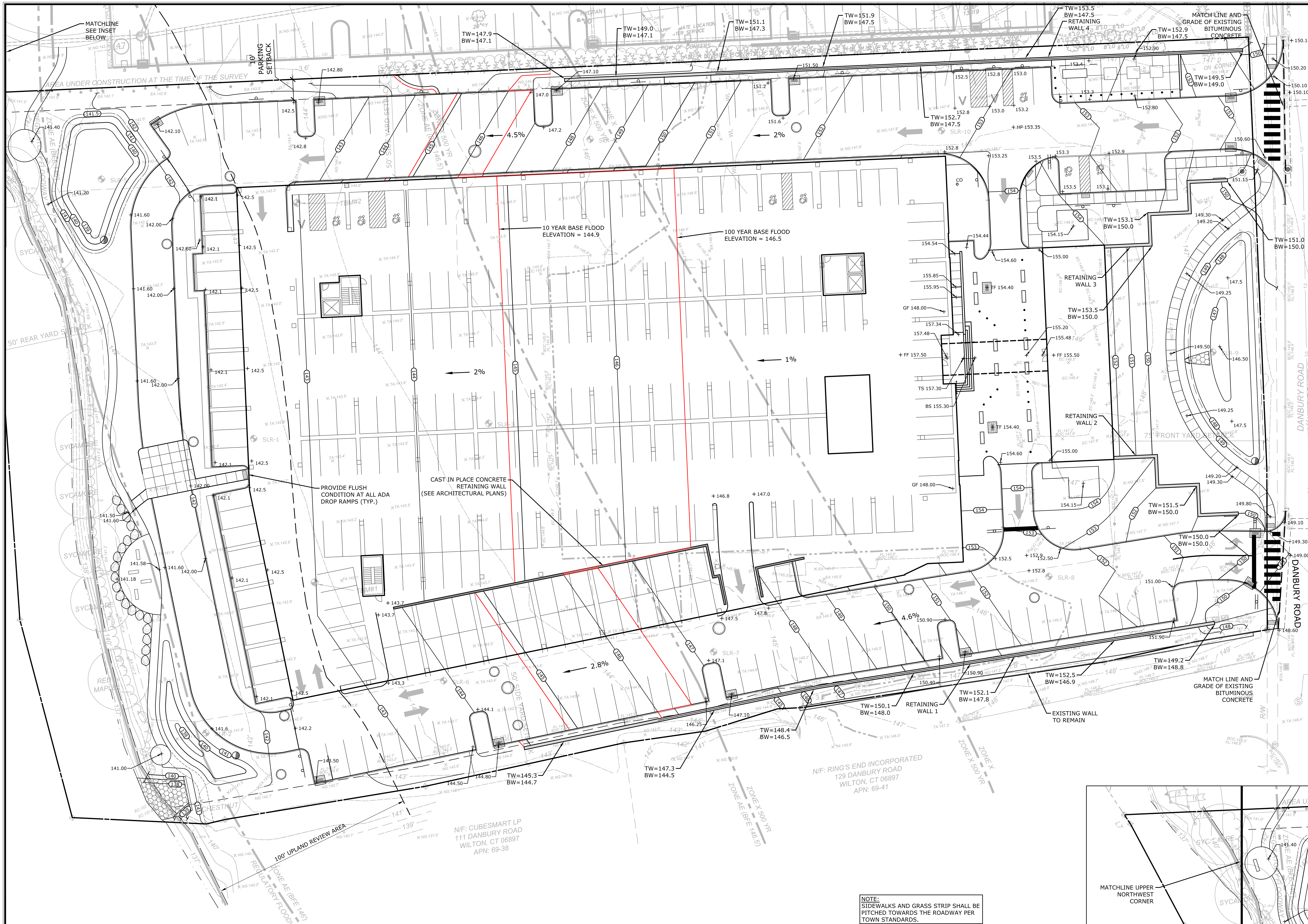
1"=20'
SCALE

OCTOBER 23, 2023
DATE

21543.00001
PROJECT NO.

06 OF 24
SHEET NO.

LS
SHEET NAME


MATCHLINE SEE INSET BELOW
10' PARKING SETBACK
AREA UNDER CONSTRUCTION AT THE TIME OF THE SURVEY
TW=147.9 BW=147.1
TW=149.0 BW=147.1
TW=151.1 BW=147.3
TW=151.9 BW=147.5
TW=153.5 BW=147.5
RETAINING WALL 4
TW=152.9 BW=147.5
MATCH LINE AND GRADE OF EXISTING BITUMINOUS CONCRETE
TW=149.5 BW=149.0
TW=152.7 BW=147.5
HP 153.35
4.5%
2%
1%
2.8%
4.6%
10 YEAR BASE FLOOD ELEVATION = 144.9
100 YEAR BASE FLOOD ELEVATION = 146.5
TW=153.1 BW=150.0
TW=151.0 BW=150.0
RETAINING WALL 3
TW=153.5 BW=150.0
FF 157.50
FF 155.50
TF 154.40
TS 157.30
BS 155.30
GF 148.00
RETAINING WALL 2
75' FRONT YARD SETBACK
50' REAR YARD SETBACK
50' SIDE YARD SETBACK
PROVIDE FLUSH CONDITION AT ALL ADA DROP RAMPS (TYP.)
CAST IN PLACE CONCRETE RETAINING WALL (SEE ARCHITECTURAL PLANS)
TW=151.5 BW=150.0
TW=150.0 BW=150.0
DANBURY ROAD
DANBURY ROAD AKA US ROUTE 7
TW=149.2 BW=148.8
MATCH LINE AND GRADE OF EXISTING BITUMINOUS CONCRETE
TW=152.5 BW=146.9
TW=152.1 BW=147.8
EXISTING WALL TO REMAIN
RETAINING WALL 1
TW=150.1 BW=148.0
TW=148.4 BW=146.5
TW=147.3 BW=144.5
TW=145.3 BW=144.7
N/F: RING'S END INCORPORATED 129 DANBURY ROAD WILTON, CT 06897 APN: 69-41
N/F: CUBESMART LP 111 DANBURY ROAD WILTON, CT 06897 APN: 69-38
100' UPLAND REVIEW AREA
REGULATORY FLOODWAY
ZONE AE (BFE 146.5')
ZONE X 500 YR
SYCAMORE
RED MAPLE
CHESTNUT
MATCHLINE UPPER NORTHWEST CORNER
NOTE:
SIDEWALKS AND GRASS STRIP SHALL BE PITCHED TOWARDS THE ROADWAY PER TOWN STANDARDS.

SLR
99 REALTY DRIVE
CHESHIRE, CT 06410
203.271.1773
SLRCONSULTING.COM

DESCRIPTION	DATE	BY
P&Z SUBMISSION	11/27/2023	AWG
TOWN COMMENTS	12/11/2023	RH
PEER REVIEW COMMENTS	1/09/2024	AWG
PEER REVIEW COMMENTS	2/13/2024	AWG

SITE PLAN - GRADING

PROPOSED MULTI-FAMILY DEVELOPMENT

131 DANBURY ROAD
WILTON, CONNECTICUT

DESIGNED	DRAWN	CHECKED
AWG	AWG	TD

SCALE: 1"=20'

DATE: OCTOBER 23, 2023

PROJECT NO.: 21543.00001

SHEET NO.: 07 OF 24

SHEET NAME: GR

MATHLINE - SEE NORTHWEST INSET BELOW

CCB 26
T.F.=142.1
INV.=139.1(E)
INV.=139.1(S)

33'- 6" PERFORATED UNDERDRAIN
S=3.00% MIN
INV.=138.0

53'-12" HDPE
S=0.57%

75'-12" HDPE
S=0.67%

CCB 26A
T.F.=142.8
INV.=139.6(W)

115'-12" HDPE
S=2.78%

CCB 27
T.F.=147.1
INV.=144.0(E)

113'-12" HDPE
S=0.88%

17'-12" HDPE
S=1.76%

2.5'-24" HDPE
INV.=141.86
S=0.00%

CCB 28
T.F.=151.5
INV.=143.0(W)
INV.=143.0(S)

MH 21 (CDS 2015-4-C)
T.F.=151.80
INV.=142.70(N)
INV.=141.86(W)
INV.=142.70(E)
INV.=142.60(S)

51"W X 143"L
1500KW GAS GENERATOR
CONTRACTOR TO COORDINATE WITH GAS COMPANY

76"W X 70"L X 36"D
TRANSFORMERS
(TYP. OF 3).
CONTRACTOR TO COORDINATE WITH ELECTRIC COMPANY

144'-8" SDR-35 PVC SANITARY LATERAL
S=2.09%

208'-12" HDPE
S=2.16%

CCB 29
T.F.=150.9
INV.=147.2(S)
INV.=147.2(W)

21'-12" HDPE
S=0.95%

CCB 30
T.F.=150.9
INV.=147.4(N)

19'-8" SDR-35 PVC
S=2.63%

SAN MH 1
T.F.=150.3
INV.=134.1(EX.)(N)
INV.=134.1(EX.)(S)
INV.=134.2(W)

SAN MH 2
T.F.=151.0
INV.=134.7(E)
INV.=134.8(W)

UTILITY POLE TO REMAIN

MH 23
T.F.=142.4
INV.=139.5(E)
INV.=139.2(SW)

89'-12" HDPE
S=1.03%

MH 12 (5' DIA INTERNAL FLOW CONTROL WEIR)
T.F.=146.10
INV.=142.89(E)
INV.=142.70(W)

2.5'-12" HDPE
INV.=142.89
S=0.00%

SUBSURFACE INFILTRATION SYSTEM (S-1)
42 STORMTECH SC-740 CHAMBERS
TOP OF CHAMBER ELEVATION=144.35
BOTTOM OF CHAMBER ELEVATION=141.85

INV.=142.89

SCHEMATIC ELECTRICAL SHOWN FOR COORDINATION PURPOSES ONLY -SEE SITE ELECTRICAL PLAN

INV.=137.8

12" HDPE ROOF DRAIN
S=0.5% MIN

CLCB 21
T.F.=154.4
INV.=150.6(S)

MH 25A
T.F.=141.9
INV.=138.8(N)
INV.=138.8(S)
INV.=138.8(W)
INV.=138.8(NE)

22'-8" HDPE
S=0.91%

8" AGRI-DRAIN CHECK VALVE

OVFL 25 (RISER W/ 18-IN DOME GRATE)
TOP OF RISER=140.5
INV.=139.0(E)

92'-18" CLASS V RCP
S=0.43%

PROPOSED HYDRANT

37'- 6" FOOTING DRAIN
S=1.00% MIN
INV.=150.0
SEE STRUCTURAL PLANS FOR TIE-IN LOCATION

66'-12" HDPE
S=0.98%

CLCB 20
T.F.=154.4
INV.=150.0(N)
INV.=150.0(S)

84'-12" HDPE
S=3.57%

OVFL 19 (RISER W/ 18-IN DOME GRATE)
TOP OF RISER=149.0
INV.=145.9(S)

DANBURY ROAD
AKA US ROUTE 7
VARIABLE WIDTH PUBLIC RIGHT-OF-WAY
(MAP NO. 3609)
40' ASPHALT PAVEMENT

75' FRONT YARD SETBACK

MH 15 (5' DIA INTERNAL FLOW CONTROL WEIR)
T.F.=147.40
INV.=143.15(W)
INV.=143.25(E)

6" DIP FIRE PROTECTION

4" DIP DOMESTIC WATER

5'-12" HDPE
INV.=144.3
S=8.00%

WATER METER PIT -CONTRACTOR TO COORDINATE WITH WATER COMPANY

UTILITY POLE TO REMAIN

32'-12" HDPE
S=1.25%

CCB 18
T.F.=149.6
INV.=145.5(S)
INV.=145.5(N)

24'-12" HDPE
S=0.83%

CCB 17
T.F.=149.5
INV.=145.3(N)
INV.=145.3(W)

483'-6" HDPE CURTAIN DRAIN
INV.=144.8(W)
S=1.00% MIN

MH 24
T.F.=142.1
INV.=138.4(N)
INV.=138.4(S)

MH 4 (5' DIA INTERNAL FLOW CONTROL WEIR)
T.F.=144.50
INV.=141.24(E)
INV.=141.14(NW)

SUBSURFACE INFILTRATION SYSTEM (S-3)
60 STORMTECH SC-740 CHAMBERS
TOP OF CHAMBER ELEVATION=142.7
BOTTOM OF CHAMBER ELEVATION=140.2

136'-18" CLASS V RCP
S=0.44%

106'-15" HDPE
S=2.12%

3'-15" HDPE
INV.=143.25
S=0.00%

MH 13
T.F.=150.70
INV.=143.54(W)
INV.=143.90(N)
INV.=143.54(S)

3'-12" HDPE
INV.=143.54
S=0.00%

103'-12" HDPE
S=0.97%

MH 14
T.F.=144.5
INV.=141.0(SE)
INV.=140.9(E)
INV.=140.9(W)

12" AGRI-DRAIN CHECK VALVE

MH 22
T.F.=142.2
INV.=137.8(N)
INV.=137.8(E)
INV.=137.8(S)

4'-15" HDPE
S=3.50%

99'-15" HDPE
S=3.13%

22'-24" HDPE
S=0.91%

INV.=137.65

INSPECTION PORT (TYP.)

115'-12" HDPE
S=1.83%

ISOLATOR ROW (TYP)

3'-15" HDPE
INV.=141.24
S=0.00%

INV.=141.24

3'-24" HDPE
INV.=141.21
S=0.00%

MH 5 (CDS 2015-4-C)
T.F.=144.50
INV.=140.21(E)
INV.=140.30(SW)
INV.=141.24(N)

9'-15" HDPE
S=1.11%

CCB 7
T.F.=144.2
INV.=140.4(NE)
INV.=140.4(E)

SUBSURFACE INFILTRATION SYSTEM (S-2)
108 STORMTECH SC-740 CHAMBERS
TOP OF CHAMBER ELEVATION=145.0
BOTTOM OF CHAMBER ELEVATION=142.5

PLUG AND ABANDON EXISTING PIPE AT PROPERTY LINE

CCB 10
T.F.=147.1
INV.=142.5(E)
INV.=142.5(W)

12" RCP
ELEV: 140.8'

24" RCP
ELEV: 139.7'

INV.=143.54

114'-12" HDPE
S=1.05%

MH 16
T.F.=152.5
INV.=148.0(NW)
INV.=147.0(N)
INV.=144.3(E)
INV.=144.3(SW)

41'-12" HDPE
S=1.46%

CCB 14
T.F.=150.9
INV.=143.7(NE)
INV.=143.7(W)

HEADWALL 1 (WITH FLAP GATE)
INV.=137.3(E)

19'-12" HDPE
S=0.79%

100' UPLAND REVIEW AREA

13'-12" HDPE
S=7.69%

CCB 6
T.F.=143.5
INV.=139.0(S)
INV.=138.9(W)

OVFL 3 (RISER W/ 18-IN DOME GRATE)
TOP OF RISER=141.0
INV.=137.8(E)

42'-36" RCP
S=0.71%

MH 2 (CASCADE CS-5)
T.F.=142.1
INV.=137.9(E)
INV.=137.6(W)
INV.=137.6(N)

ZONE AE (BFE 145.5)
REGULATORY FLOODWAY

ZONE X 500 YR

ZONE AE (BFE 146.5)

SYCAMORE

RED MAPLE

SLR-8

SLR-9

SLR-10

NORTHWEST INSET

MATCHLINE

SLR
99 REALTY DRIVE
CHESHIRE, CT 06410
203.271.1773
SLRCONSULTING.COM

DESCRIPTION	DATE	BY
WPCA REVISIONS	11/14/2023	AWG
P&Z SUBMISSION	11/27/2023	AWG
PEER REVIEW COMMENTS	1/08/2024	AWG
PEER REVIEW COMMENTS	2/13/2024	AWG

SITE PLAN - UTILITIES

PROPOSED MULTI-FAMILY DEVELOPMENT

131 DANBURY ROAD
WILTON, CONNECTICUT

AWG	RH	TD
DESIGNED	DRAWN	CHECKED

1"=20'
SCALE

OCTOBER 23, 2023
DATE

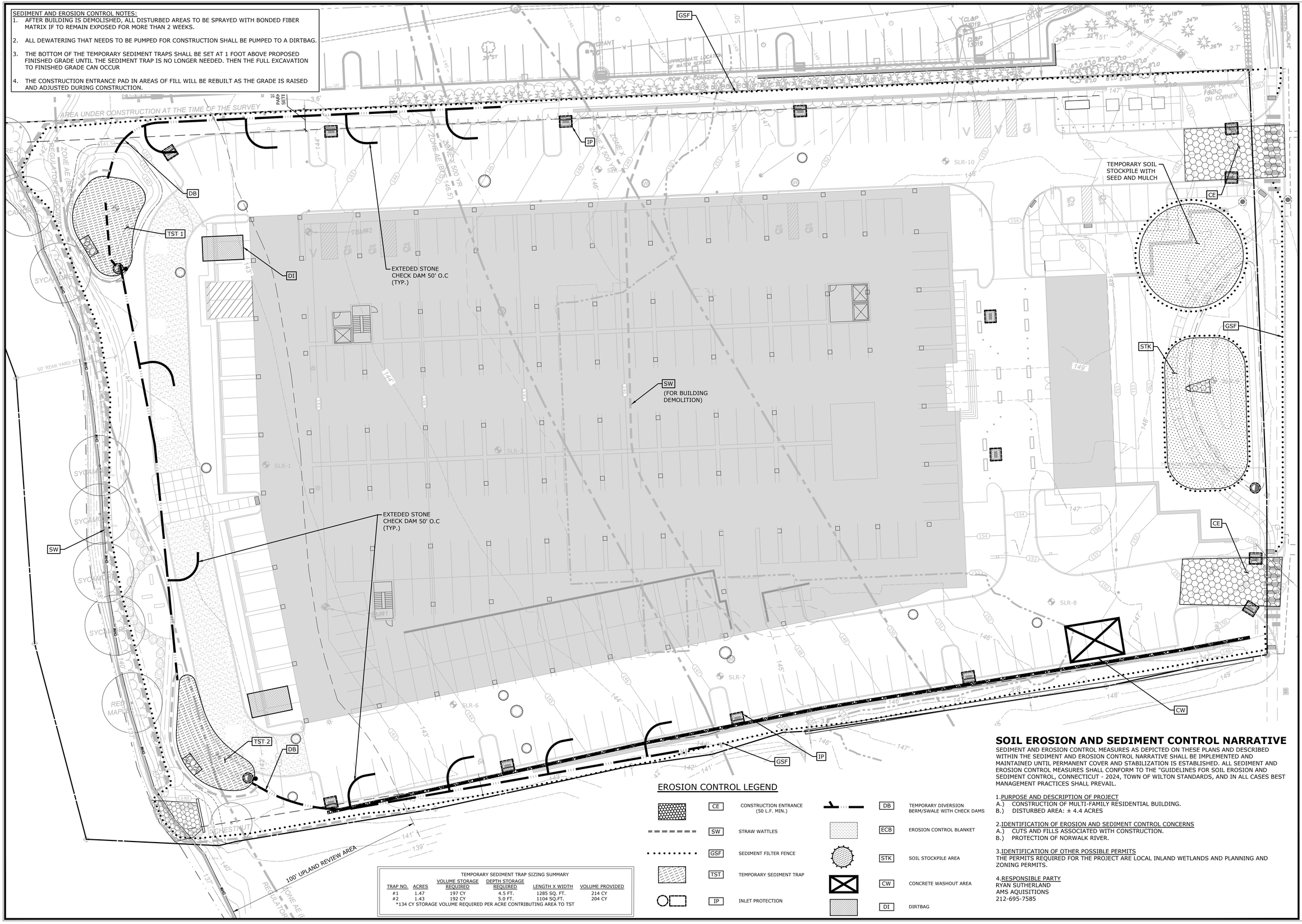
21543.00001
PROJECT NO.

08 OF 24
SHEET NO.

UT
SHEET NAME

SEDIMENT AND EROSION CONTROL NOTES:

1. AFTER BUILDING IS DEMOLISHED, ALL DISTURBED AREAS TO BE SPRAYED WITH BONDED FIBER MATRIX IF TO REMAIN EXPOSED FOR MORE THAN 2 WEEKS.
2. ALL DEWATERING THAT NEEDS TO BE PUMPED FOR CONSTRUCTION SHALL BE PUMPED TO A DIRTBAG.
3. THE BOTTOM OF THE TEMPORARY SEDIMENT TRAPS SHALL BE SET AT 1 FOOT ABOVE PROPOSED FINISHED GRADE UNTIL THE SEDIMENT TRAP IS NO LONGER NEEDED. THEN THE FULL EXCAVATION TO FINISHED GRADE CAN OCCUR
4. THE CONSTRUCTION ENTRANCE PAD IN AREAS OF FILL WILL BE REBUILT AS THE GRADE IS RAISED AND ADJUSTED DURING CONSTRUCTION.



TEMPORARY SEDIMENT TRAP SIZING SUMMARY

TRAP NO.	ACRES	VOLUME STORAGE REQUIRED	DEPTH STORAGE REQUIRED	LENGTH X WIDTH	VOLUME PROVIDED
#1	1.47	197 CY	4.5 FT.	1285 SQ. FT.	214 CY
#2	1.43	192 CY	5.0 FT.	1104 SQ.FT.	204 CY

*134 CY STORAGE VOLUME REQUIRED PER ACRE CONTRIBUTING AREA TO TST

EROSION CONTROL LEGEND

CE	CONSTRUCTION ENTRANCE (50 L.F. MIN.)	DB	TEMPORARY DIVERSION BERM/SWALE WITH CHECK DAMS	ECB	EROSION CONTROL BLANKET
SW	STRAW WATTLES	GSF	SEDIMENT FILTER FENCE	TST	TEMPORARY SEDIMENT TRAP
IP	INLET PROTECTION	STK	SOIL STOCKPILE AREA	CW	CONCRETE WASHOUT AREA
DI	DIRTBAG				

SOIL EROSION AND SEDIMENT CONTROL NARRATIVE

SEDIMENT AND EROSION CONTROL MEASURES AS DEPICTED ON THESE PLANS AND DESCRIBED WITHIN THE SEDIMENT AND EROSION CONTROL NARRATIVE SHALL BE IMPLEMENTED AND MAINTAINED UNTIL PERMANENT COVER AND STABILIZATION IS ESTABLISHED. ALL SEDIMENT AND EROSION CONTROL MEASURES SHALL CONFORM TO THE "GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL, CONNECTICUT - 2024, TOWN OF WILTON STANDARDS, AND IN ALL CASES BEST MANAGEMENT PRACTICES SHALL PREVAIL.

1. PURPOSE AND DESCRIPTION OF PROJECT
A.) CONSTRUCTION OF MULTI-FAMILY RESIDENTIAL BUILDING.
B.) DISTURBED AREA: ± 4.4 ACRES

2. IDENTIFICATION OF EROSION AND SEDIMENT CONTROL CONCERNS
A.) CUTS AND FILLS ASSOCIATED WITH CONSTRUCTION.
B.) PROTECTION OF NORWALK RIVER.

3. IDENTIFICATION OF OTHER POSSIBLE PERMITS
THE PERMITS REQUIRED FOR THE PROJECT ARE LOCAL INLAND WETLANDS AND PLANNING AND ZONING PERMITS.

4. RESPONSIBLE PARTY
RYAN SUTHERLAND
AMS AQUISITIONS
212-695-7585

SLR
99 REALTY DRIVE
CHESHIRE, CT 06410
203.271.1773
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DESCRIPTION	DATE	BY
PAZ SUBMISSION	11/27/2023	AWG
TOWN COMMENTS	12/1/2023	RH
PEER REVIEW COMMENTS	1/09/2024	AWG
PEER REVIEW COMMENTS	2/13/2024	AWG

SEDIMENT AND EROSION CONTROL PLAN

PROPOSED MULTI-FAMILY DEVELOPMENT

131 DANBURY ROAD
WILTON, CONNECTICUT

DESIGNED	DRAWN	CHECKED
AWG	AWG	TD

SCALE: 1"=20'

DATE: OCTOBER 23, 2023

PROJECT NO.: 21543.00001

SHEET NO.: 09 OF 24

SHEET NAME: SE-1

SEDIMENT AND EROSION CONTROL SPECIFICATIONS

GENERAL:

THESE GUIDELINES SHALL APPLY TO ALL WORK CONSISTING OF ANY AND ALL TEMPORARY AND/OR PERMANENT MEASURES TO CONTROL WATER POLLUTION AND SOIL EROSION, AS MAY BE REQUIRED, DURING THE CONSTRUCTION OF THE PROJECT. IN GENERAL, ALL CONSTRUCTION ACTIVITIES SHALL PROCEED IN SUCH A MANNER SO AS NOT TO POLLUTE ANY WETLANDS, WATERCOURSE, WATERBODY, AND CONDUIT CARRYING WATER, ETC. THE CONTRACTOR SHALL LIMIT, INSOFAR AS POSSIBLE, THE SURFACE AREA OF EARTH MATERIALS EXPOSED BY CONSTRUCTION METHODS AND IMMEDIATELY PROVIDE PERMANENT AND TEMPORARY POLLUTION CONTROL MEASURES TO PREVENT CONTAMINATION OF ADJACENT WETLANDS, WATERCOURSES, AND WATERBODIES, AND TO PREVENT, INSOFAR AS POSSIBLE, EROSION ON THE SITE.

LAND GRADING

GENERAL:

1. THE RESHAPING OF THE GROUND SURFACE BY EXCAVATION AND FILLING OR A COMBINATION OF BOTH, TO OBTAIN PLANNED GRADES, SHALL PROCEED IN ACCORDANCE WITH THE FOLLOWING CRITERIA:
   a. THE CUT FACE OF EARTH EXCAVATION SHALL NOT BE STEEPER THAN TWO HORIZONTAL TO ONE VERTICAL (2:1).
   b. THE PERMANENT EXPOSED FACES OF FILLS SHALL NOT BE STEEPER THAN TWO HORIZONTAL TO ONE VERTICAL (2:1).
   c. THE CUT FACE OF ROCK EXCAVATION SHALL NOT BE STEEPER THAN ONE HORIZONTAL TO FOUR VERTICAL (1:4).
   d. PROVISION SHOULD BE MADE TO CONDUCT SURFACE WATER SAFELY TO STORM DRAINS TO PREVENT SURFACE RUNOFF FROM DAMAGING CUT FACES AND FILL SLOPES.
   e. EXCAVATIONS SHOULD NOT BE MADE SO CLOSE TO PROPERTY LINES AS TO ENDANGER ADJOINING PROPERTY WITHOUT PROTECTING SUCH PROPERTY FROM EROSION, SLIDING, SETTLING, OR CRACKING.
   f. NO FILL SHOULD BE PLACED WHERE IT WILL SLIDE OR WASH UPON THE PREMISES OF ANOTHER OWNER OR UPON ADJACENT WETLANDS, WATERCOURSES, OR WATERBODIES.
   g. PRIOR TO ANY REGRADING, A STABILIZED CONSTRUCTION ENTRANCE SHALL BE PLACED AT THE ENTRANCE TO THE WORK AREA IN ORDER TO REDUCE MUD AND OTHER SEDIMENTS FROM LEAVING THE SITE.

TOPSOILING

GENERAL:

1. TOPSOIL SHALL BE SPREAD OVER ALL EXPOSED AREAS IN ORDER TO PROVIDE A SOIL MEDIUM HAVING FAVORABLE CHARACTERISTICS FOR THE ESTABLISHMENT, GROWTH, AND MAINTENANCE OF VEGETATION.
2. UPON ATTAINING FINAL SUBGRADES, SCARIFY SURFACE TO PROVIDE A GOOD BOND WITH TOPSOIL.
3. REMOVE ALL LARGE STONES, TREE LIMBS, ROOTS AND CONSTRUCTION DEBRIS.
4. APPLY SOIL AMENDMENTS AS FOLLOWS:
   LIME: ACCORDING TO SOIL TEST OR AT THE RATE OF 2 TONS PER ACRE.

   ROCK DUST: ACCORDING TO SOIL TEST OR AT THE RATE OF 2 TONS PER ACRE

MATERIAL:

1. TOPSOIL SHOULD HAVE PHYSICAL, CHEMICAL, AND BIOLOGICAL CHARACTERISTICS FAVORABLE TO THE GROWTH OF PLANTS.
2. TOPSOIL SHOULD HAVE A SANDY OR LOAMY TEXTURE.
3. TOPSOIL SHOULD BE RELATIVELY FREE OF SUBSOIL MATERIAL AND MUST BE FREE OF LARGE STONES , LUMPS OF SOIL, ROOTS, TREE LIMBS, TRASH, OR CONSTRUCTION DEBRIS. IT SHOULD BE FREE OF ROOTS OR RHIZOMES SUCH AS THISTLE, NUTGRASS, AND QUACKGRASS.
4. AN ORGANIC MATTER CONTENT OF SIX PERCENT (6%) IS REQUIRED. AVOID LIGHT COLORED SUBSOIL MATERIAL.
5. SOLUBLE SALT CONTENT OF LESS THAN 400 PPM IS REQUIRED.
6. THE TOPSOIL SHALL BE WARRANTED BY SELLER TO BE FREE OF DETECTABLE RESIDUES OF CHEMICAL PESTICIDES, HERBICIDES, PETROLEUM PRODUCTS, OR OTHER UNSUITABLE TOXINS.

APPLICATION:

1. AVOID SPREADING WHEN TOPSOIL IS WET OR FROZEN.
2. SPREAD TOPSOIL UNIFORMLY TO A DEPTH OF AT LEAST FOUR INCHES (4"), OR TO THE DEPTH SHOWN ON THE LANDSCAPING PLANS.

TEMPORARY VEGETATIVE COVER

TEMPORARY VEGETATIVE COVER SHALL BE ESTABLISHED ON ALL UNPROTECTED AREAS THAT PRODUCE SEDIMENT, AREAS WHERE FINAL GRADING HAS BEEN COMPLETED, AND AREAS WHERE THE ESTIMATED PERIOD OF BARE SOIL EXPOSURE IS LESS THAN 12 MONTHS. TEMPORARY VEGETATIVE COVER SHALL BE APPLIED IF AREAS WILL NOT BE PERMANENTLY SEEDED BY SEPTEMBER 1.

GENERAL:

1. INSTALL REQUIRED SURFACE WATER CONTROL MEASURES.
2. REMOVE LOOSE ROCK, STONE, AND CONSTRUCTION DEBRIS FROM AREA.
3. APPLY SOIL AMENDMENTS AS FOLLOWS:
   LIME: ACCORDING TO SOIL TEST OR AT THE RATE OF 1 TONS PER ACRE.
   ROCK DUST: ACCORDING TO SOIL TEST OR AT THE RATE OF 1 TONS PER ACRE
4. UNLESS HYDROSEEDED, WORK IN LIME TO A DEPTH OF 4 INCHES WITH A DISK OR ANY SUITABLE EQUIPMENT. DO NOT WORK FINISHED COMPOST INTO THE SOIL - APPLY IT EVENLY TO SOIL SURFACE AS A SEED BED.
5. TILLAGE SHOULD ACHIEVE A REASONABLY UNIFORM LOOSE SEEDBED. WORK ON CONTOUR IF SITE IS SLOPING.

SITE PREPARATION:

1. SELECT APPROPRIATE SPECIES FOR THE SITUATION. NOTE RATES AND SEEDING DATES (SEE VEGETATIVE COVER SELECTION & MULCHING)
2. APPLY SEED UNIFORMLY ACCORDING TO THE RATE INDICATED BY BROADCASTING, DRILLING, OR HYDRAULIC APPLICATION.
3. UNLESS HYDROSEEDED, COVER RYEGRASS SEEDS WITH NOT MORE THAN 1/4 INCH OF SOIL USING SUITABLE EQUIPMENT.
4. MULCH IMMEDIATELY AFTER SEEDING IF REQUIRED. (SEE VEGETATIVE COVER SELECTION & MULCHING SPECIFICATION BELOW.) APPLY STRAW AND ANCHOR TO SLOPES GREATER THAN 3%%% OR WHERE NEEDED.

PERMANENT VEGETATIVE COVER

GENERAL:

PERMANENT VEGETATIVE COVER SHALL BE ESTABLISHED AS VARIOUS SECTIONS OF THE PROJECT ARE COMPLETED IN ORDER TO STABILIZE THE SOIL, REDUCE DOWNSTREAM DAMAGE FROM SEDIMENT AND RUNOFF, AND TO ENHANCE THE AESTHETIC NATURE OF THE SITE. IT WILL BE APPLIED TO ALL CONSTRUCTION AREAS SUBJECT TO EROSION WHERE FINAL GRADING HAS BEEN COMPLETED AND A PERMANENT COVER IS NEEDED.

SITE PREPARATION:

1. INSTALL REQUIRED SURFACE WATER CONTROL MEASURES.
2. REMOVE LOOSE ROCK, STONE, AND CONSTRUCTION DEBRIS FROM AREA.
3. PERFORM ALL PLANTING OPERATIONS PARALLEL TO THE CONTOURS OF THE SLOPE.
4. APPLY TOPSOIL AS INDICATED ELSEWHERE HEREIN.
5. APPLY SOIL AMENDMENTS AS FOLLOWS:
   LIME: ACCORDING TO SOIL TEST OR AT THE RATE OF 1 TONS PER ACRE.
   ROCK DUST: ACCORDING TO SOIL TEST OR AT THE RATE OF 1 TONS PER ACRE
6. UNLESS HYDROSEEDED, WORK IN LIME TO A DEPTH OF 4 INCHES WITH A DISK OR ANY SUITABLE EQUIPMENT. DO NOT WORK FINISHED COMPOST

VEGETATED COVER SELECTION AND MULCHING

TEMPORARY VEGETATIVE COVER:

PERENNIAL RYEGRASS 5 LBS./1,000 SQ.FT. (LOLIUM PERENNE)
DUTCH WHITE CLOVER (TRIFOLIUM REPENS) 1/4 LBS PER 1000 SF. OR 6LBS/AC.

* PERMANENT VEGETATIVE COVER:

DUTCH WHITE CLOVER 30%
BARON KENTUCKY BLUEGRASS 30%
JAMESTOWN II CHEWINGS FESCUE 20%
PALMER PERENNIAL RYEGRASS 20%

NEW ENGLAND EROSION CONTROL/R3ESOTRATION MIX FOR MOIST SITES AT 1/8 LB PER 1000 S.F. FOR 5 LBS/AC.

NEW ENGLAND SHOWY WILD FLOW MIX AT 1/16 LB PER 1000 S.F. OR 2 LBS/AC

* LOFTS - "TRIPLEX GENERAL" MIX OR APPROVED EQUAL. RECOMMENDED RATE/TIME SEEDING.
SPRING SEEDING: 4/1 to 5/31
FALL SEEDING: 8/16 to 10/15

TEMPORARY MULCHING:

STRAY 70-90 LBS./1,000 SQ.FT. (TEMPORARY VEGETATIVE AREAS) WOOD FIBER IN HYDROMULCH SLURRY 25-50 LBS./1,000 SQ. FT.

ESTABLISHMENT:
1. SMOOTH AND FIRM SEEDBED WITH CULTIPACKER OR OTHER SIMILAR EQUIPMENT PRIOR TO SEEDING (EXCEPT WHEN HYDROSEEDING).
2. SELECT ADAPTED SEED MIXTURE FOR THE SPECIFIC SITUATION. NOTE RATES AND THE SEEDING DATES (SEE VEGETATIVE COVER SELECTION & MULCHING SPEC. BELOW).
3. APPLY SEED UNIFORMLY ACCORDING TO RATE INDICATED, BY BROADCASTING, DRILLING, OR HYDRAULIC APPLICATION.
4. COVER GRASS AND LEGUME SEED WITH NOT MORE THAN 1/4 INCH OF SOIL WITH SUITABLE EQUIPMENT (EXCEPT WHEN HYDROSEEDING).
5. MULCH IMMEDIATELY AFTER SEEDING, IF REQUIRED, ACCORDING TO TEMPORARY MULCHING SPECIFICATIONS. (SEE VEGETATIVE COVER SELECTION & MULCHING SPECIFICATION BELOW).
6. USE PROPER INOCULAT ON ALL LEGUME SEEDLINGS, USE FOUR (4) TIMES NORMAL RATES WHEN HYDROSEEDING.
7. USE SOD WHERE THERE IS A HEAVY CONCENTRATION OF WATER AND IN CRITICAL AREAS WHERE IT IS IMPORTANT TO GET A QUICK VEGETATIVE COVER TO PREVENT EROSION.

MAINTENANCE:

1. TEST FOR SOIL ACIDITY EVERY THREE (3) YEARS AND LIME AS REQUIRED.

EROSION CHECKS

GENERAL:

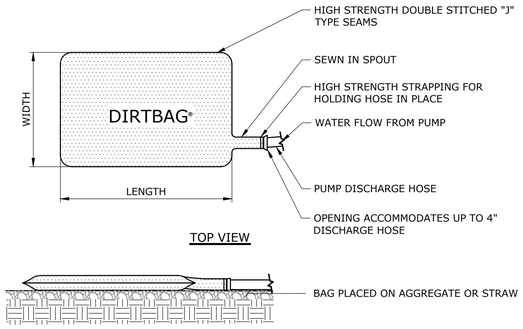
1. TEMPORARY PERVIOUS BARRIERS USING BALES OF HAY OR STRAW, HELD IN PLACE WITH STAKES DRIVEN THROUGH THE BALES AND INTO THE GROUND OR GEOTEXTILE FABRIC FASTENED TO A FENCE POST AND BURIED INTO THE GROUND, SHALL BE INSTALLED AND MAINTAINED AS REQUIRED TO CHECK EROSION AND REDUCE SEDIMENTATION.

CONSTRUCTION:

1. BALES SHOULD BE PLACED IN A ROW WITH ENDS TIGHTLY ABUTTING THE ADJACENT BALES.
2. EACH BALE SHALL BE EMBEDDED INTO THE SOIL A MINIMUM OF FOUR (4") INCHES.
3. BALES SHALL BE SECURELY ANCHORED IN PLACE BY WOOD STAKES OR REINFORCEMENT BARS DRIVEN THROUGH THE BALES AND INTO THE GROUND. THE FIRST STAKE IN EACH BALE SHALL BE ANGLED TOWARD THE PREVIOUSLY LAID BALE TO FORCE BALES TOGETHER.
4. GEOTEXTILE FABRIC SHALL BE SECURELY ANCHORED AT THE TOP OF A THREE FOOT (3') HIGH FENCE AND BURIED A MINIMUM OF FOUR INCHES (4") TO THE SOIL. SEAMS BETWEEN SECTIONS OF FILTER FABRIC SHALL OVERLAP A MINIMUM OF TWO FEET (2').

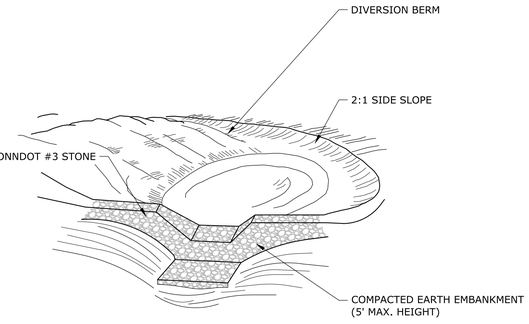
INSTALLATION AND MAINTENANCE:

1. BALED HAY EROSION BARRIERS SHALL BE INSTALLED AT ALL STORM SEWER INLETS.
2. BALED HAY EROSION BARRIERS AND GEOTEXTILE FENCE SHALL BE INSTALLED AT THE LOCATION INDICATED ON THE PLAN AND IN ADDITIONAL AREAS AS MAY BE DEEMED APPROPRIATE DURING CONSTRUCTION.
3. ALL EROSION CHECKS SHALL BE MAINTAINED UNTIL ADJACENT AREAS ARE STABILIZED.
4. INSPECTION SHALL BE FREQUENT (AT MINIMUM MONTHLY AND BEFORE AND AFTER HEAVY RAIN) AND REPAIR OR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED.
5. EROSION CHECKS SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFULNESS SO AS NOT TO BLOCK OR IMPEDE STORMWATER FLOW OR DRAINAGE.



DIRTBAG PUMPED SILT CONTROL SYSTEM

NOT TO SCALE

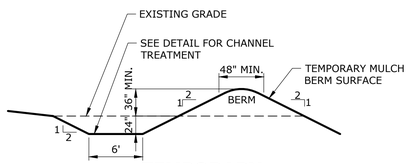


NOTES:

1. REFER TO SEDIMENT & EROSION CONTROL PLAN FOR APPROXIMATE DIMENSIONS AND REQUIRED VOLUME.

TEMPORARY SEDIMENT TRAP

NOT TO SCALE



TEMPORARY DIVERSION BERM AND SWALE

NOT TO SCALE

EROSION CONTROL MAINTENANCE INTERVALS

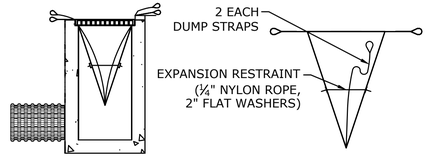
EROSION CONTROL MEASURE	CONTROL OBJECTIVE	INSPECTION/MAINTENANCE	FAILURE INDICATORS	REMOVAL
SILT FENCE (SF) STRAW WATTLES (SW) (RELATED: IP, STK)	- INTERCEPT, AND REDIRECT/DETAIN SMALL AMOUNTS OF SEDIMENT FROM SMALL DISTURBED AREAS. - DECREASE VELOCITY OF SHEET FLOW. - PROTECT SENSITIVE SLOPES OR SOILS FROM EXCESSIVE WATER FLOW.	INSPECT AT LEAST ONCE A WEEK AND WITHIN 24 HOURS OF THE END OF A STORM WITH A RAINFALL OF 0.5 INCHES OR MORE. ACCUMULATED SEDIMENT MUST BE REMOVED ONCE ITS DEPTH IS EQUAL TO ½ THE TRENCH HEIGHT. INSPECT FREQUENTLY DURING PUMPING OPERATIONS IF USED FOR DEWATERING OPERATIONS.	- PHYSICAL DAMAGE OR DECOMPOSITION - EVIDENCE OF OVERTOPPED OR UNDERCUT FENCE - EVIDENCE OF SIGNIFICANT FLOWS EVADING CAPTURE - REPETITIVE FAILURE	SILT FENCE/STRAW WATTLES MAY BE REMOVED AFTER UPHILL AND SENSITIVE AREAS HAVE BEEN PERMANENTLY STABILIZED.
CONSTRUCTION ENTRANCE (CE)	- REDUCE THE TRACKING OF SEDIMENT OFF-SITE ONTO PAVED SURFACES.	INSPECT AT THE END OF EACH WORK DAY AND IMMEDIATELY REPAIR DAMAGES. PERIODIC ADDITION OF STONE, OR LENGTHENING OF ENTRANCE MAY BE REQUIRED AS CONDITIONS DEMAND. ALL SEDIMENT SPILLED, DROPPED, WASHED, OR TRACKED ONTO PAVED SURFACES AS A RESULT OF INEFFICIENCY OF CONSTRUCTION ENTRANCE SHALL BE IMMEDIATELY REMOVED.	- SEDIMENT IN ROADWAY ADJACENT TO SITE	CONSTRUCTION ENTRANCE MAY BE REMOVED ONCE THE SITE HAS BEEN PERMANENTLY STABILIZED, AND ALL OTHER SECTIONS OF ROADWAY HAVE BEEN PERMANENTLY PAVED.
INLET PROTECTION (IP)	- PROHIBIT SILT IN CONSTRUCTION-RELATED RUNOFF FROM ENTERING STORM DRAINAGE SYSTEM.	INSPECT AFTER ANY RAIN EVENT. IF FILTER BAG INSIDE CATCH BASIN CONTAINS MORE THAN 6" OF SEDIMENT, REMOVE SEDIMENT FROM BAG. CHECK SURROUNDING SILT FENCE AND HAY BALES PER NOTED ABOVE.	- RIPPED BAG - FAILED HAY BALES / SILT FENCE - SIGNIFICANT SILT PRESENCE IN STORM DRAINAGE SYSTEM OUTFLOW.	INLET PROTECTION MAY BE REMOVED ONCE THE SITE HAS BEEN PERMANENTLY STABILIZED, AND ALL SECTIONS OF ROADWAY HAVE BEEN PERMANENTLY PAVED.
STOCKPILE PROTECTION (STK)	- RETAIN SOIL STOCKPILE IN LOCATIONS SPECIFIED, AND REDUCE WATER-TRANSPORT.	INSPECT SILT FENCE AT THE END OF EACH WORK DAY AND IMMEDIATELY REPAIR DAMAGES. PERIODIC REINFORCEMENT OF SILT FENCE, OR ADDITION OF HAY BALES MAY BE NECESSARY.	- EVIDENCE OF STOCK PILE DIMINISHING DUE TO RAIN EVENTS - FAILURE OF SILT FENCE	STOCKPILE PROTECTION MAY BE REMOVED ONCE THE STOCKPILE IS USED OR REMOVED.
TEMPORARY SEDIMENT TRAP (TST)	- DETAIN SEDIMENT-LADEN RUNOFF FROM SMALL DISTURBED AREAS LONG ENOUGH TO ALLOW A MAJORITY OF THE SEDIMENT TO SETTLE OUT.	INSPECT AT LEAST ONCE A WEEK AND WITHIN 24 HOURS OF THE END OF A STORM WITH A RAINFALL OF 0.5 INCHES OR MORE. STONE OUTLET SHOULD BE AT LEAST 1 FOOT BELOW CREST OF EMBANKMENT. SEDIMENT MUST BE REMOVED WHEN ACCUMULATION REACHES ½ OF THE REQUIRED WET STORAGE.	- TURBID WATER - EXCESSIVE SEDIMENT ACCUMULATION - OVERTOPPING EVIDENCE	TST MAY BE REMOVED ONCE THE CONTRIBUTING DRAINAGE AREA IS PERMANENTLY STABILIZED.
TEMPORARY DIVERSION BERM/SWALE (DB)	- MINIMIZE VELOCITY AND CONCENTRATION OF SHEET FLOW ACROSS CONSTRUCTION SITE TO A SEDIMENT TRAPPING FACILITY. - DIVERT WATER ORIGINATING FROM UNDISTURBED AREA AWAY FROM CONSTRUCTION.	WHEN LOCATED WITHIN CLOSE PROXIMITY TO ONGOING CONSTRUCTION ACTIVITIES, INSPECT AT THE END OF EACH WORK DAY AND IMMEDIATELY REPAIR DAMAGES. OTHERWISE INSPECT AT LEAST ONCE A WEEK AND WITHIN 24 HOURS OF THE END OF A STORM WITH A RAINFALL OF 0.5 INCHES OR MORE. REPAIR THE TEMPORARY MEASURE AND ANY OTHER ASSOCIATED MEASURES WITHIN 24 HOURS.	- PHYSICAL DAMAGE - EXCESSIVE SCOURING/EROSION - REPETITIVE FAILURE	TEMPORARY DIVERSIONS MAY BE REMOVED ONCE CONSTRUCTION HAS CEASED AND THE CONTRIBUTING DRAINAGE AREA HAS BEEN PERMANENTLY STABILIZED.
DUST CONTROL (DC)	- TO PREVENT MOVEMENT OF DUST FROM EXPOSED SOIL SURFACES, WHICH MAY CAUSE BOTH OFF-SITE AND ON-SITE DAMAGE, BE A HEALTH HAZARD TO HUMANSILDLIFE, AND PLANT LIFE, OR CREATE A HAZARD BY REDUCING TRAFFIC VISIBILITY.	USE MECHANICAL SWEEPING DAILY ON PAVED AREAS WHERE DUST AND FINE MATERIALS ACCUMULATE, IF HEAVILY TRAFFICKED AND SEDIMENT ACCUMULATES QUICKLY. PERIODICALLY MOISTEN UNPAVED TRAVELWAYS TO CONTROL DUST WHEN EVIDENCE OF AIRBORNE DUST.	-AIRBORNE DUST	REPEAT APPLICATION OF DUST CONTROL MEASURES UNTIL ALL AREAS ARE PERMANENTLY STABILIZED, VEGETATED, AND PAVED, OR AS LONG AS THERE IS AIRBORNE DUST.

NOTES

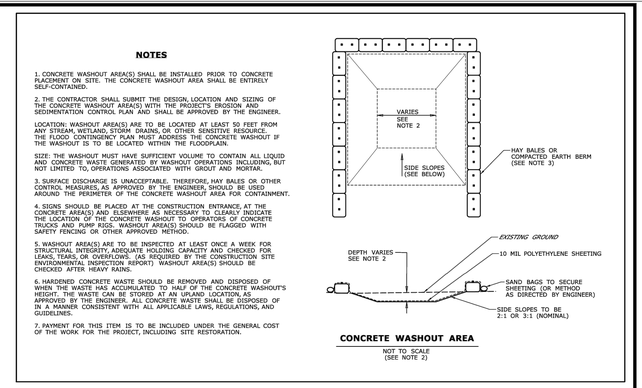
1. CONSTRUCTION ENTRANCE PAD SHALL BE INSTALLED AND MAINTAINED DURING OPERATIONS WHICH GENERATE VEHICULAR TRACKING OF MUD.

CONSTRUCTION ENTRANCE PAD

NOT TO SCALE

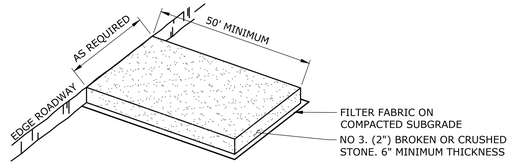


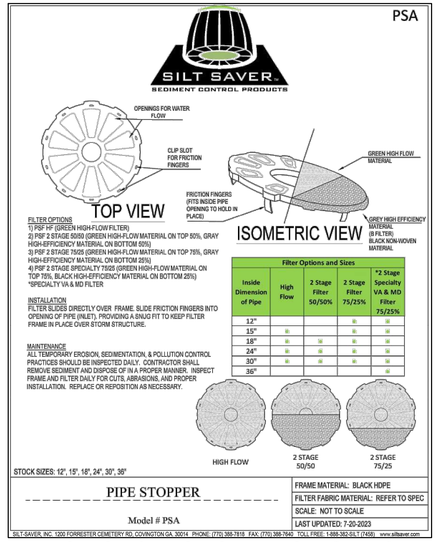
INSTALLATION DETAIL — BAG DETAIL



CONCRETE WASHOUT AREA

NOT TO SCALE
(SEE NOTE 2)





INLET PROTECTION FOR OVERFLOW STRUCTURES

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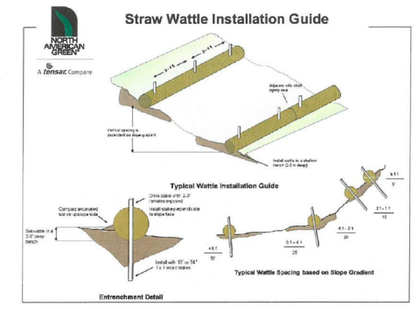
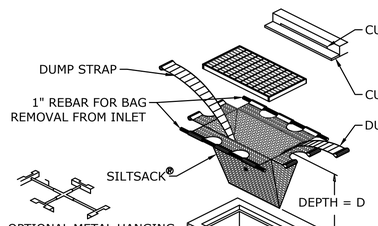


NOTES:
STRAW WATTLES SHALL HAVE A 12" DIAMETER MIN.

STRAW WATTLE

NOT TO SCALE



INLET PROTECTION

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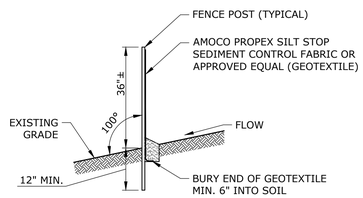

SEDIMENT FILTER FENCE

NOT TO SCALE

SLR
99 REALTY DRIVE
CHESHIRE, CT 06410
203.271.1773
SLRCONSULTING.COM

DESCRIPTION	DATE	BY
PEER REVIEW COMMENTS	1/08/2024	AWG
PEER REVIEW COMMENTS	2/13/2024	AWG

SEDIMENT AND EROSION CONTROL SPECIFICATIONS AND DETAILS

PROPOSED MULTI-FAMILY DEVELOPMENT

131 DANBURY ROAD
WILTON, CONNECTICUT

AWG	AWG	TD
DESIGNED	DRAWN	CHECKED

AS NOTED
SCALE

OCTOBER 23, 2023
DATE

21543.00001
PROJECT NO.

10 OF ##
SHEET NO.

SE-2
SHEET NAME

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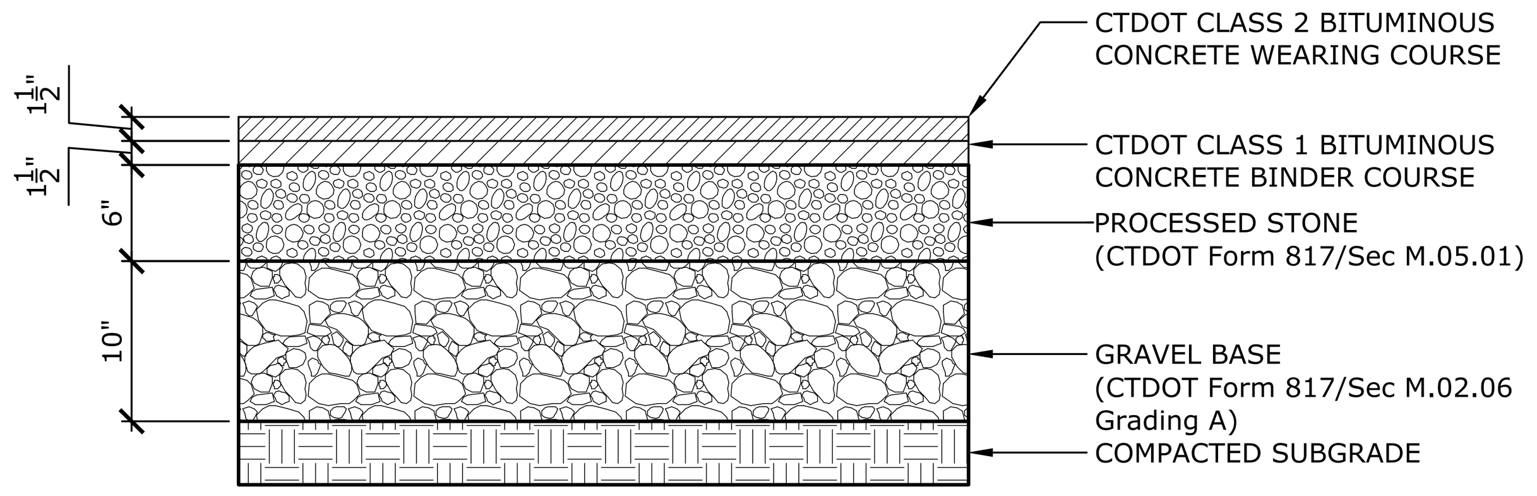

STANDARD DUTY BITUMINOUS CONCRETE & STANDARD BASE
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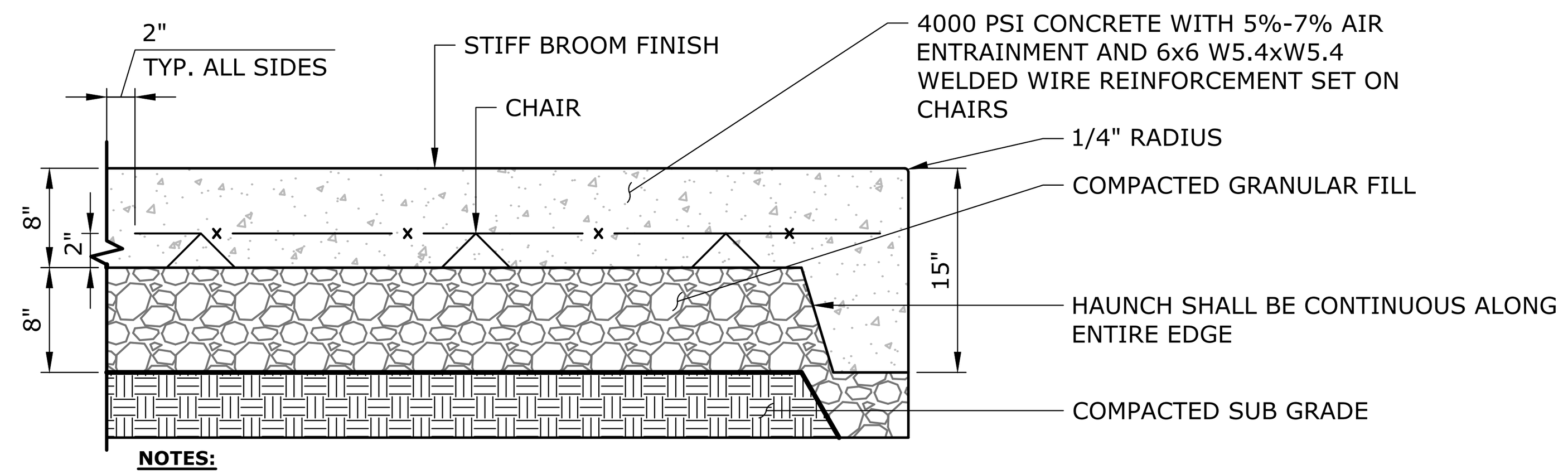
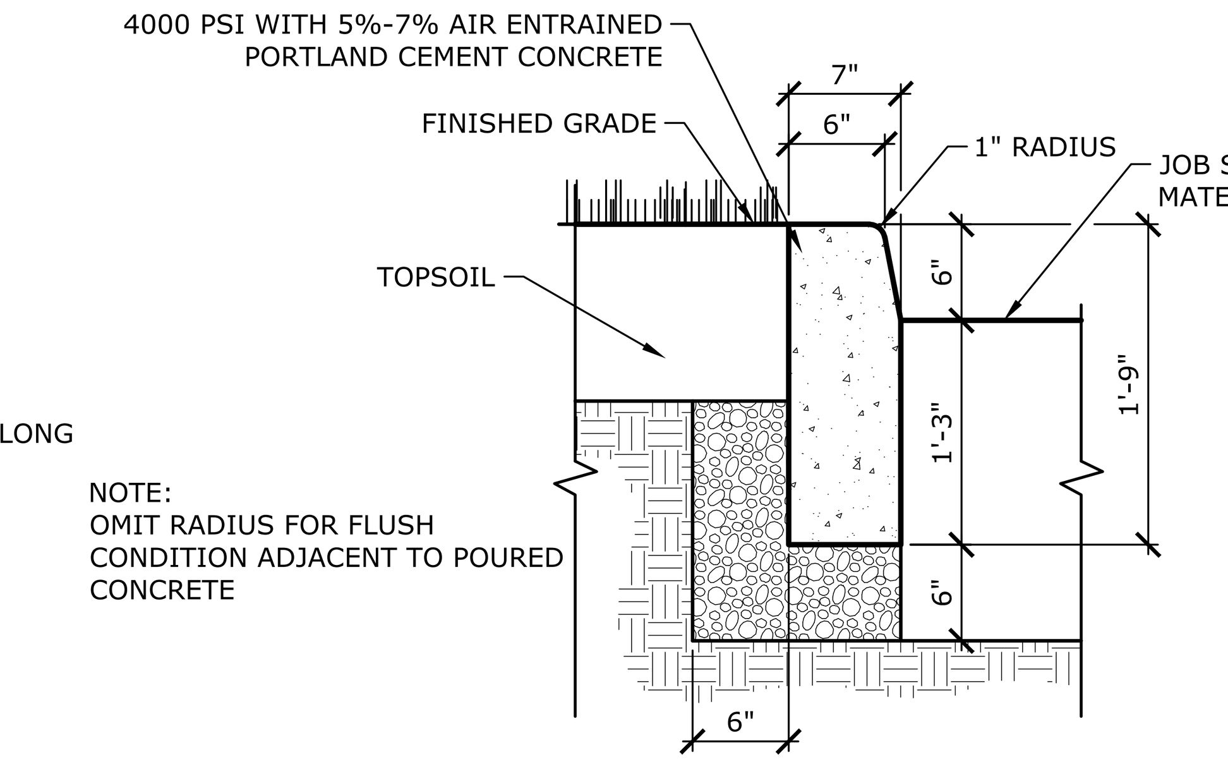


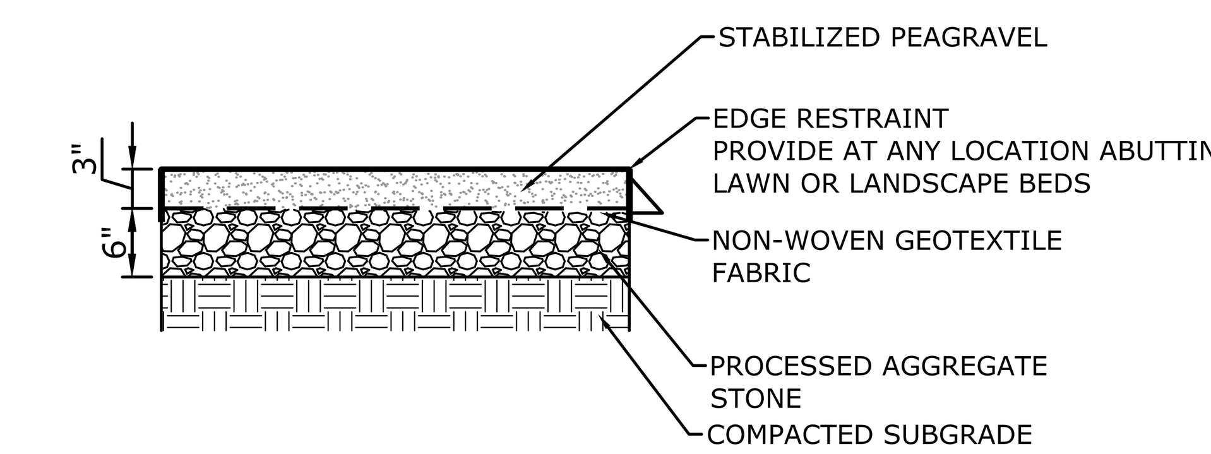
NOTES:

1. EXPANSION JOINTS EVERY 20LF MAXIMUM OR EVERY 144SF UNLESS OTHERWISE INDICATED ON PLANS (SEE JOINT DETAILS)
2. SCORE JOINTS 5' ON CENTER UNLESS OTHERWISE INDICATED ON PLANS.

CONCRETE UTILITY PAD
NOT TO SCALE

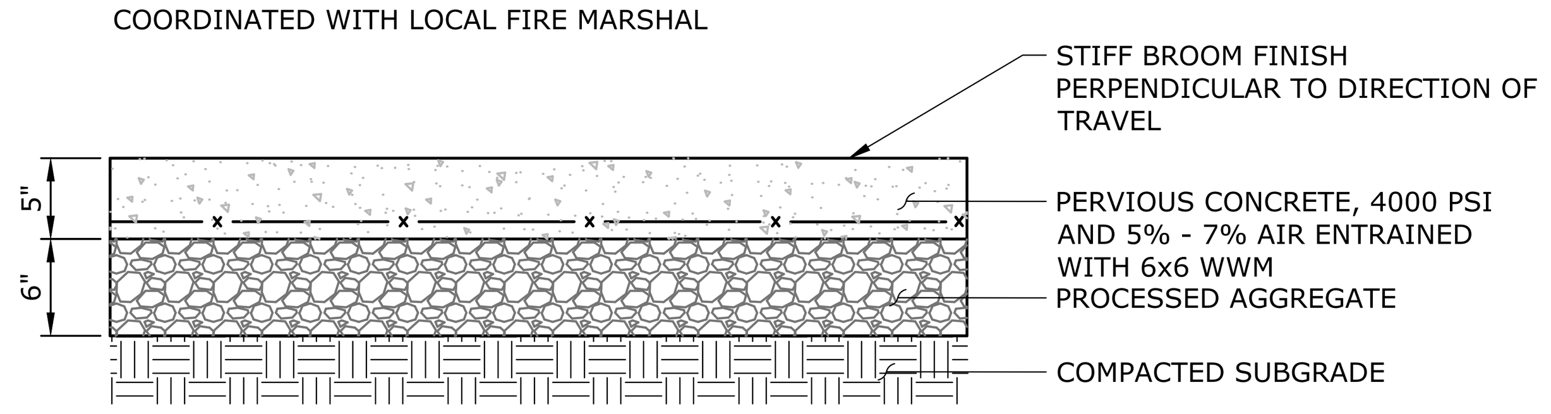


CAST-IN-PLACE CONCRETE CURB
NOT TO SCALE

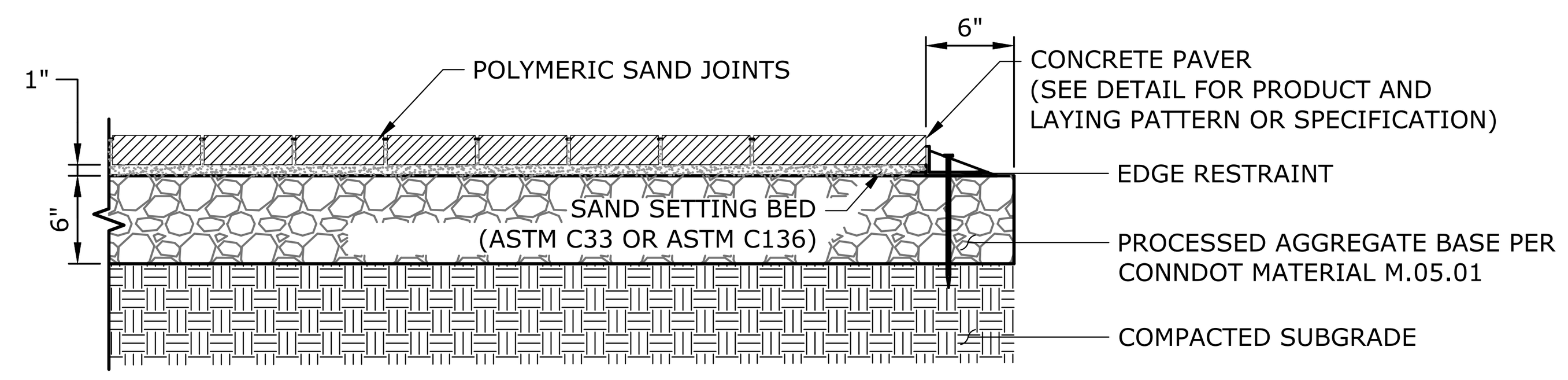


STABILIZED PEAGRAVEL PATHWAY

NOTE: DETAIL IN PROGRESS AND TO BE COORDINATED WITH LOCAL FIRE MARSHAL



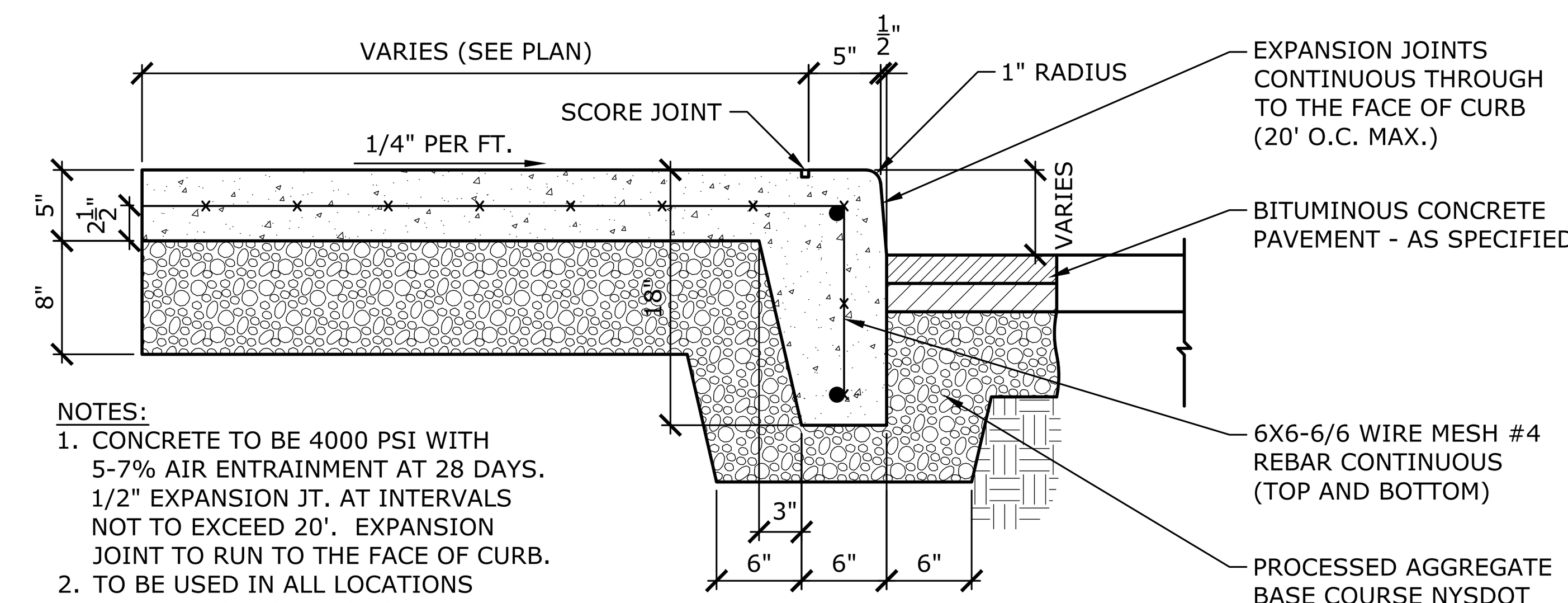
CONCRETE PAD FOR FIRE TRUCK OUTRIGGERS
NOT TO SCALE



NOTES:

1. PAVERS SHALL BE AS SPECIFIED.
2. TO BE ACCEPTED, PAVERS SHALL BE INSTALLED IN SUCH A MANNER THAT:
   - 2.1. THE PAVER WALKING SURFACES ARE WITHIN 1/8" OF EACH OTHER AND ADJACENT FINISHED SURFACES (I.E. GRANITE CURB AND CONC. WALK)
   - 2.2. THE PAVERS HAVE NO JOINTS GREATER THAN 1/16" AND ARE BUTT-TIGHT TO MANUFACTURER NUBS
   - 2.3. SAND SWEPT BETWEEN JOINTS IS VIBRATED AND WITHIN 3/16" OF THE PAVER WALKING SURFACE
   - 2.4. NO PAVER IS CRACKED OR BROKEN
3. CONTRACTOR SHALL CONSTRUCT A PAVER SAMPLE PATTERN FOR EACH PATTERN AS SPECIFIED AND APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO AUTHORIZATION TO INSTALL PAVERS.

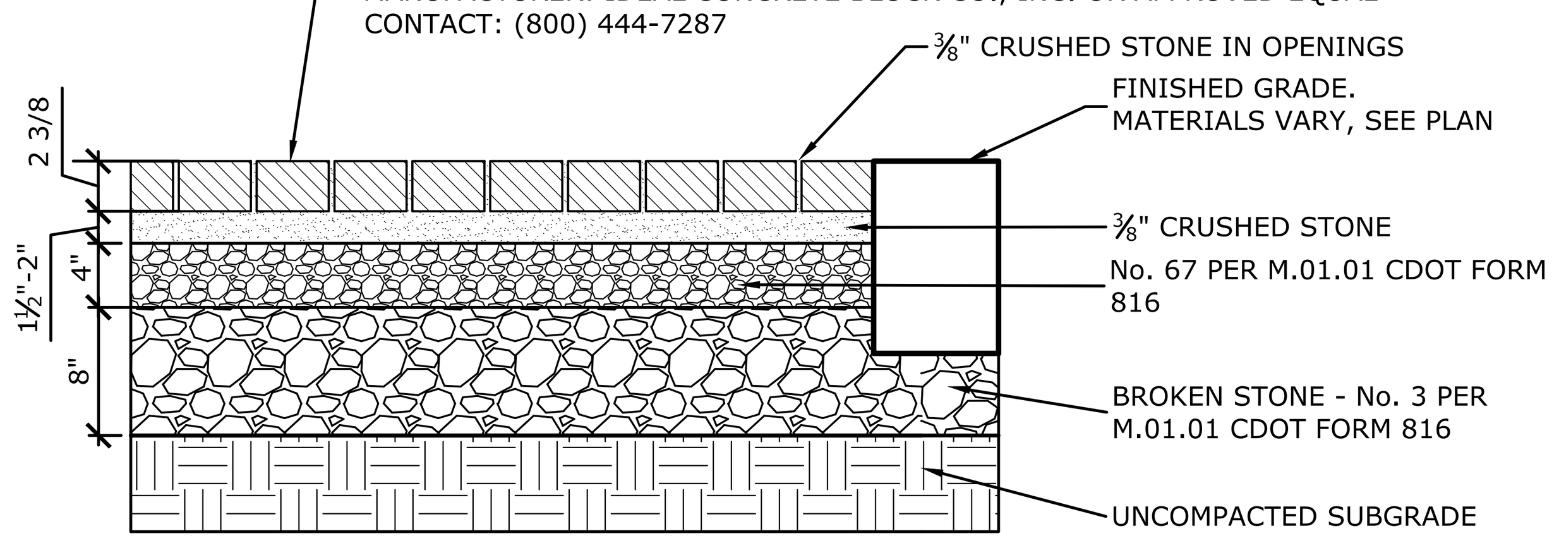
CONCRETE PAVERS ON PROCESSED AGGREGATE
NOT TO SCALE



NOTES:
1. CONCRETE TO BE 4000 PSI WITH 5-7% AIR ENTRAINMENT AT 28 DAYS. 1/2" EXPANSION JT. AT INTERVALS NOT TO EXCEED 20'. EXPANSION JOINT TO RUN TO THE FACE OF CURB.
2. TO BE USED IN ALL LOCATIONS WHERE PROPOSED CONCRETE WALKS ABUT PROPOSED CONCRETE CURB
3. BOULDERS AND LEDGE ROCK TO BE REMOVED 6" BELOW SUBGRADE

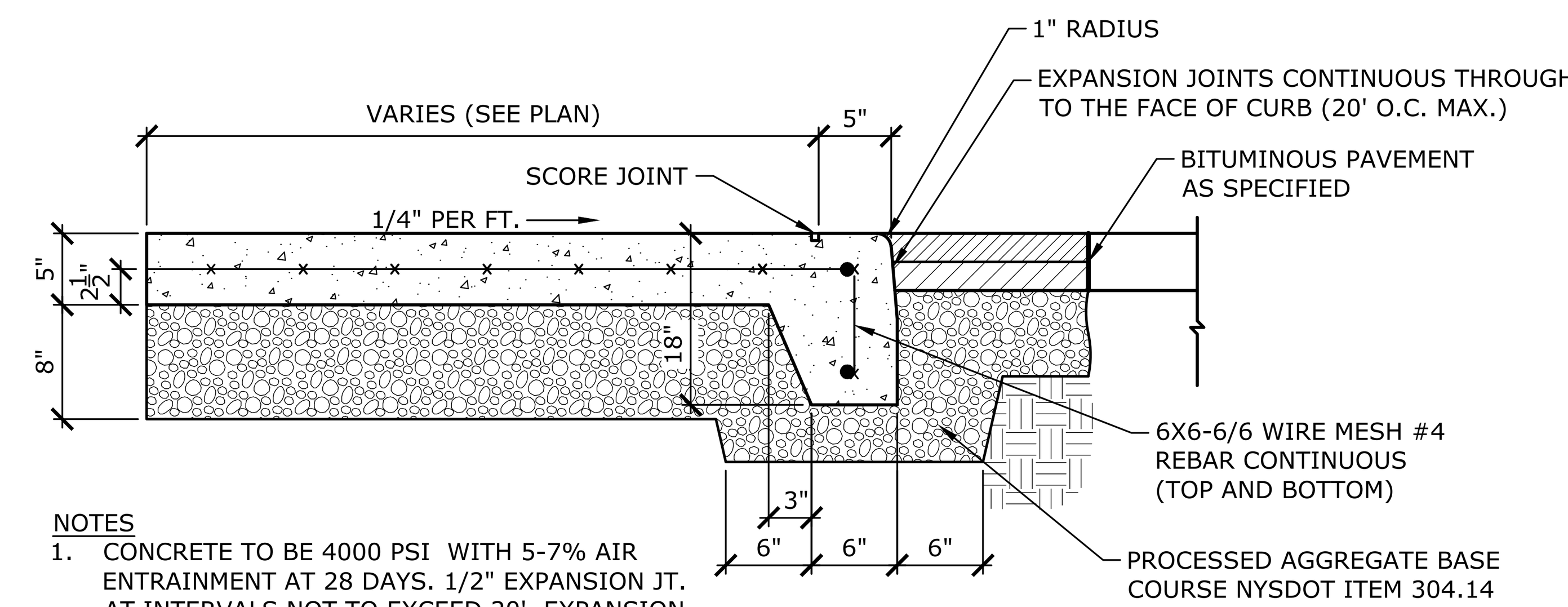
INTEGRAL CONCRETE WALK & CURB WITH REVEAL
NOT TO SCALE

PRECAST CONCRETE UNIT PAVER
STYLE: AQUA-BRIC © PAVER OR APPROVED EQUAL
COLOR: VINEYARD BLEND
PATTERN: HERRINGBONE 45°
MANUFACTURER: IDEAL CONCRETE BLOCK CO., INC. OR APPROVED EQUAL
CONTACT: (800) 444-7287



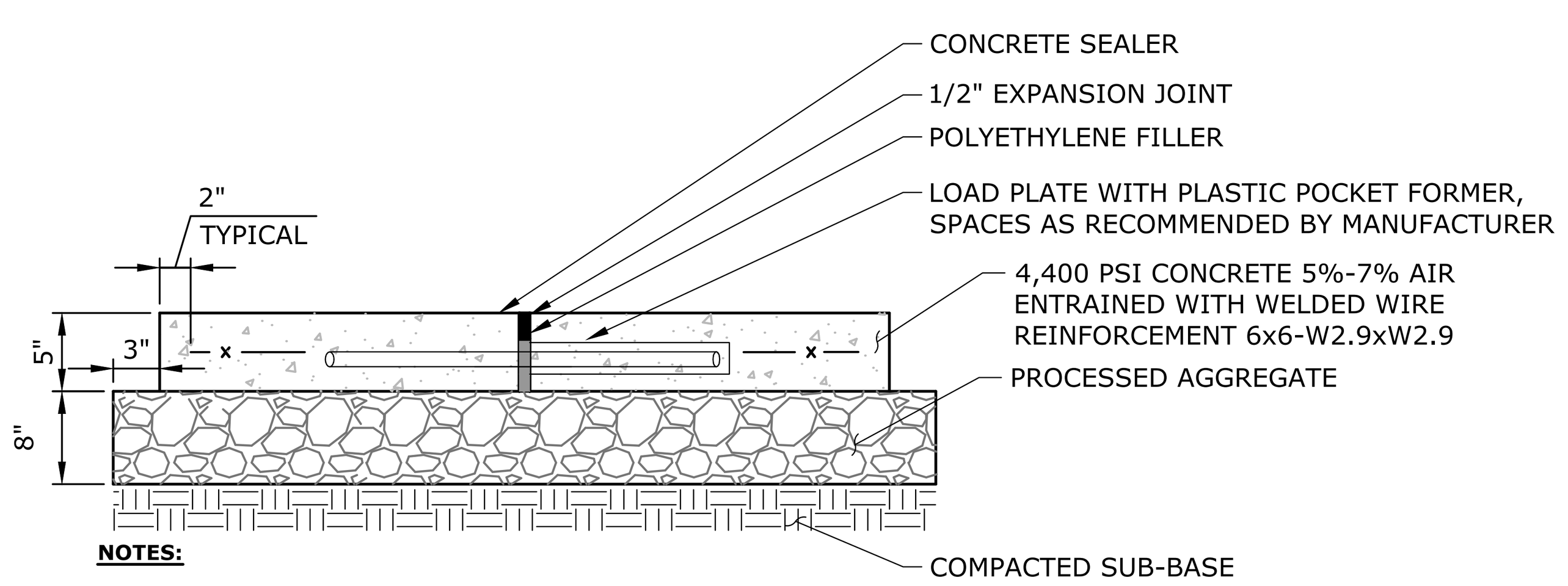
NOTE: SUBGRADE IS NOT TO BE OVER COMPACTED. ALL STONE MATERIALS ARE TO BE CLEAN AND CAREFULLY PLACED.

PERMEABLE UNIT PAVER
NOT TO SCALE



NOTES
1. CONCRETE TO BE 4000 PSI WITH 5-7% AIR ENTRAINMENT AT 28 DAYS. 1/2" EXPANSION JT. AT INTERVALS NOT TO EXCEED 20'. EXPANSION JOINT TO RUN TO THE FACE OF CURB. SEE PLANS FOR SPACING
2. BOULDERS AND LEDGE ROCK TO BE REMOVED 6" BELOW SUBGRADE

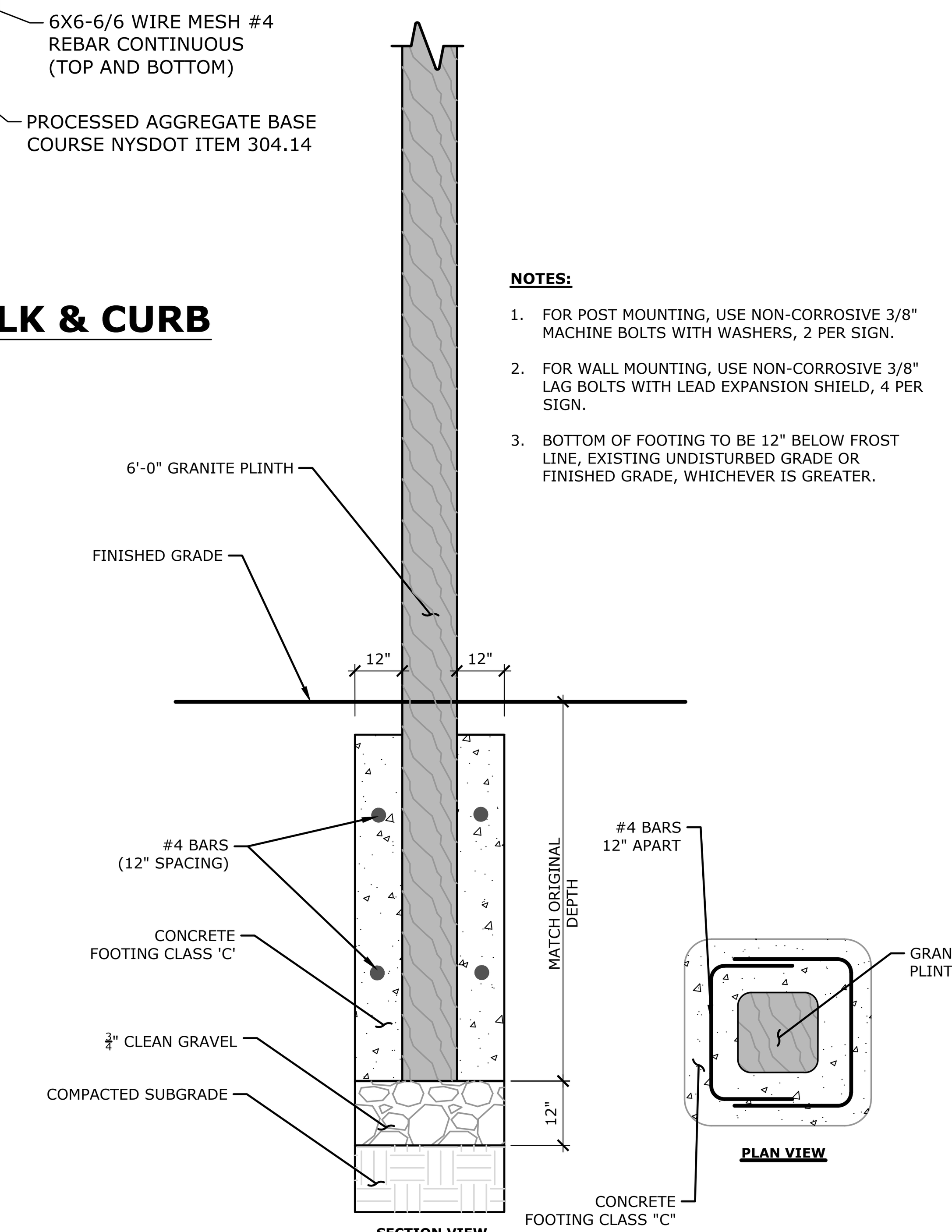
FLUSH INTEGRAL CONCRETE SIDEWALK & CURB
NOT TO SCALE



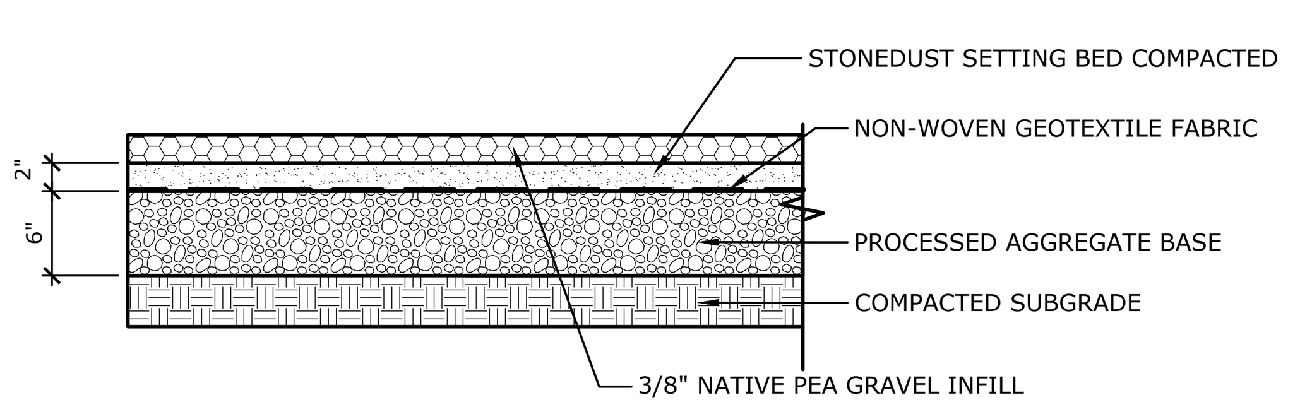
NOTES:
1. CONCRETE PER 32 30 16 - CAST IN PLACE CONCRETE
   - 1.1. PCC04460
   - 1.2. 4,400 PSI AT 28 DAYS
   - 1.3. CEMENT CONTENT OF 658LB MINIMUM
   - 1.4. AGGREGATE No. 6 (3/4") MAX - PER 2.3.D.2.f
   - 1.5. WATER TO CEMENT RATIO 0.44
2. 1/2" EXPANSION JOINT AT INTERVALS NOT TO EXCEED 20'. EXPANSION JOINT TO RUN TO THE FACE OF CURB.

CONCRETE WALK
NOT TO SCALE

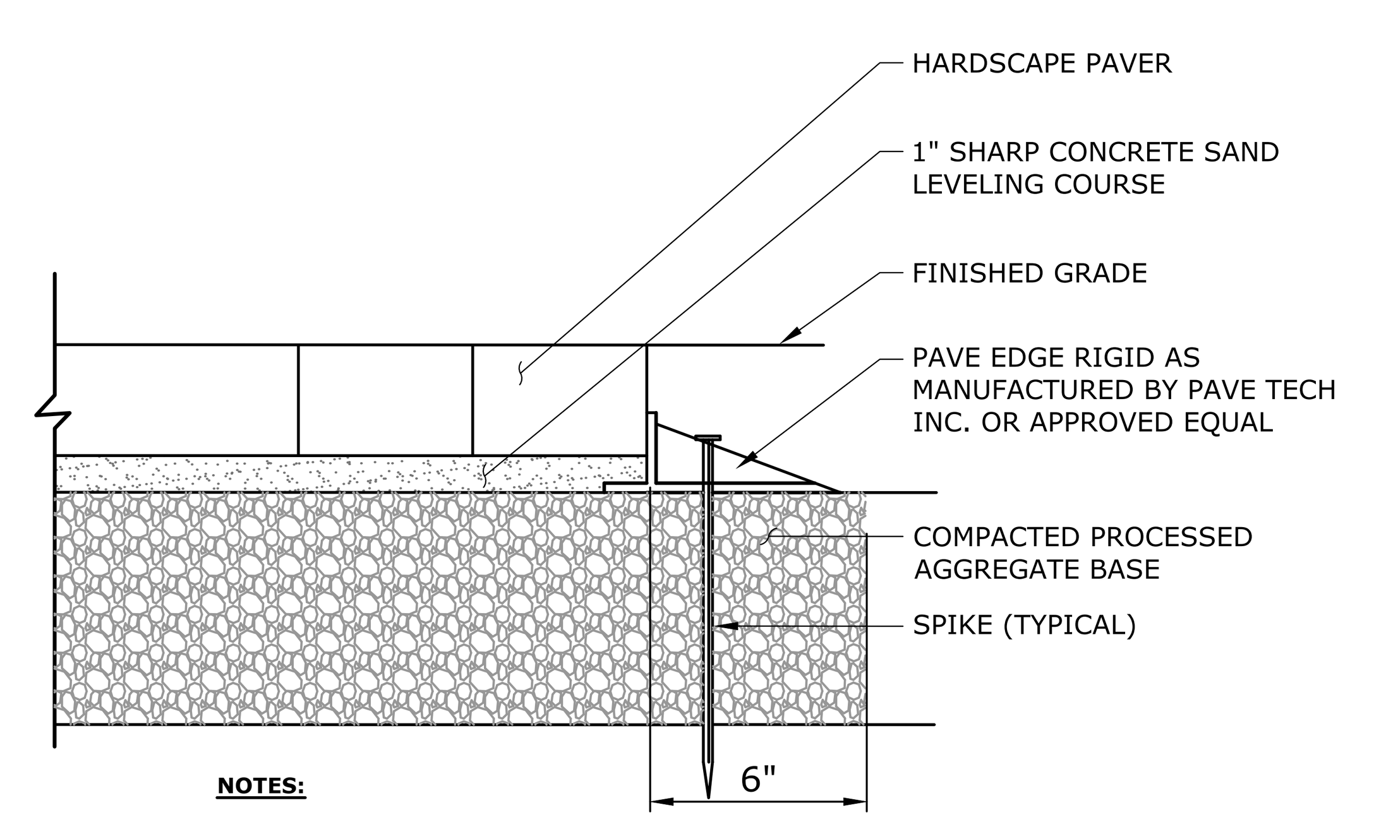
NOTES:
1. FOR POST MOUNTING, USE NON-CORROSIVE 3/8" MACHINE BOLTS WITH WASHERS, 2 PER SIGN.
2. FOR WALL MOUNTING, USE NON-CORROSIVE 3/8" LAG BOLTS WITH LEAD EXPANSION SHIELD, 4 PER SIGN.
3. BOTTOM OF FOOTING TO BE 12" BELOW FROST LINE, EXISTING UNDISTURBED GRADE OR FINISHED GRADE, WHICHEVER IS GREATER.



GRANITE SIGN POST
NOT TO SCALE

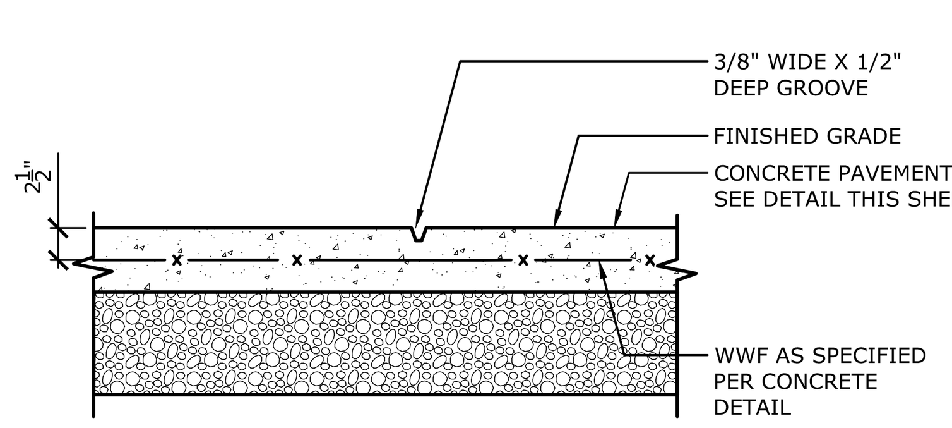


PEA GRAVEL
NOT TO SCALE

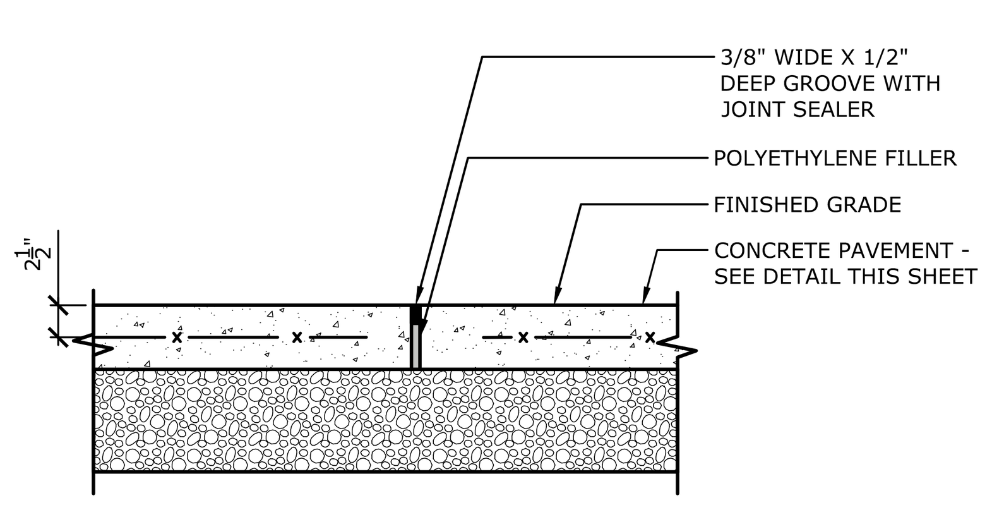


NOTES:
1. INSTALL PAVER EDGE RESTRAINT ON TOP OF COMPACTED BASE
2. PAVER EDGE RESTRAINT SYSTEM TO BE USED ONLY WHERE PAVERS ABUT LANDSCAPED OR TURF AREAS.

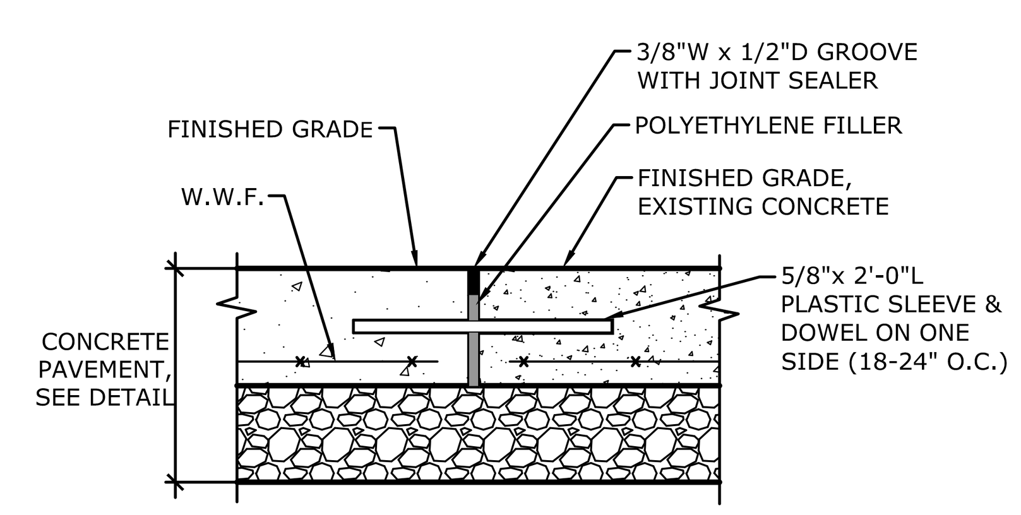
PAVER EDGE RESTRAINT
NOT TO SCALE



SCORE JOINT
NOT TO SCALE



EXPANSION JOINT
NOT TO SCALE



DOWELLED EXPANSION JOINT
NOT TO SCALE

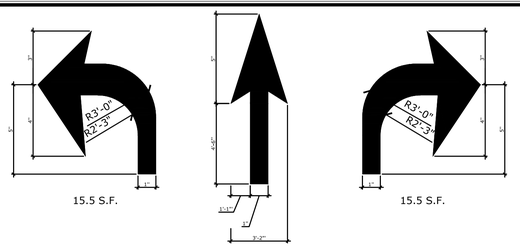
SLR
99 REALTY DRIVE
CHESHIRE, CT 06410
203.271.1773
SLRCONSULTING.COM

DESCRIPTION	DATE	BY
PEER REVIEW COMMENTS	1/09/2024	AWG
PEER REVIEW COMMENTS	2/13/2024	AWG

SITE DETAILS
PROPOSED MULTI-FAMILY DEVELOPMENT
131 DANBURY ROAD
WILTON, CONNECTICUT

DESIGNED	DRAWN	CHECKED
AWG	AWG	TD

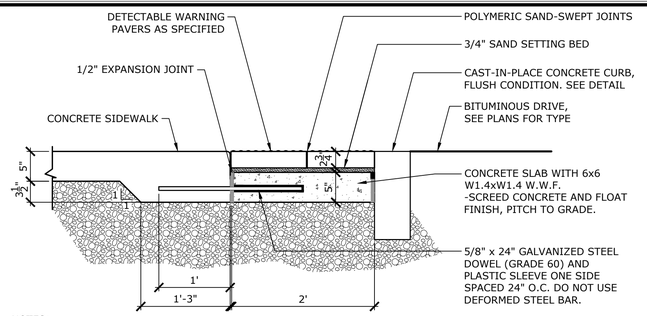
SCALE: AS NOTED
DATE: OCTOBER 23, 2023
PROJECT NO.: 21543.00001
SHEET NO.: 11 OF 24
SHEET NAME: SD-1



REFLECTIVE WHITE EPOXY PAINT PAVEMENT MARKINGS. ARROWS SHALL BE CENTERED IN TRAVEL LANE. RIGHT TURN ARROW IS MIRROR IMAGE OF LEFT TURN ARROW.

PAINTED PAVEMENT MARKINGS

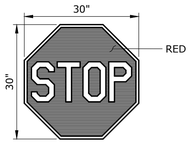
NOT TO SCALE



NOTES:
1. DETECTABLE WARNING PAVERS:
   TYPE: ADA-2
   COLOR: A-30
   SIZE: 24"x24"x2-3/4" * MANUFACTURER: WAUSAU TILE. PO Box 1520 Wausau, WI 54402-1520 OR APPROVED EQUAL
2. PROVIDE SAMPLE TO LANDSCAPE ARCHITECT FOR APPROVAL.
3. *NOTE: USE 12"x12" PAVERS ON CURVES

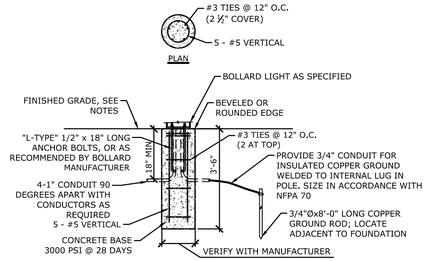
DETECTABLE WARNING PAVERS

NOT TO SCALE



STOP SIGN

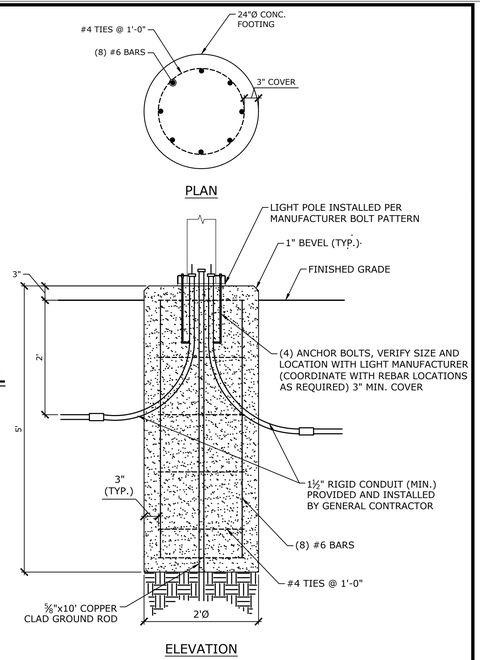
NOT TO SCALE



NOTES:
1. CONTRACTOR TO PROVIDE SHOP DRAWING FOR CONCRETE BASE AND BOLT PATTERN. BOLT PATTERN TO BE COORDINATED WITH BOLLARD LIGHT MANUFACTURER
2. REFER TO LIGHTING PLAN FOR SPECIFIED FIXTURE
3. WHERE FOOTING IS SET IN UNIT PAVERS, FOOTING SHALL BE RECESSED BELOW PAVER AND EPOXY GROUT APPLIED TO THE BASE OF BOLLARD
4. PROVIDE CONDUIT WITH CONDUCTORS

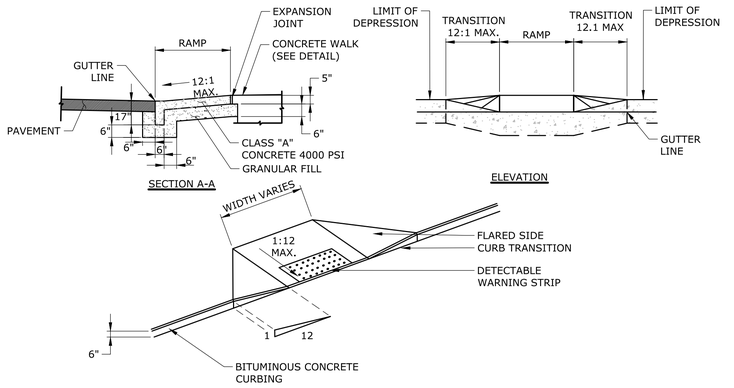
TYPICAL BOLLARD LIGHT FOUNDATION DETAIL

NOT TO SCALE



PEDESTRIAN LIGHT POLE FOUNDATION DETAIL

NOT TO SCALE

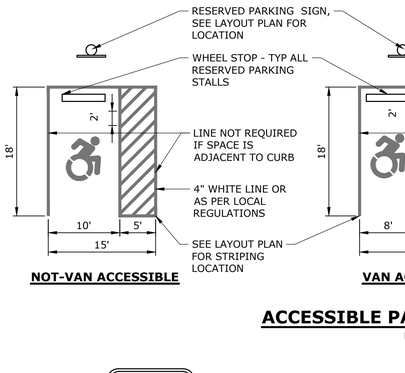


NOTES:

1. ALL INDICATED SLOPES ARE MAXIMUMS

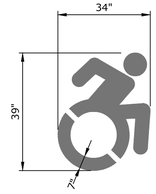
PEDESTRIAN RAMP

NOT TO SCALE



ACCESSIBLE PARKING STALL DETAIL

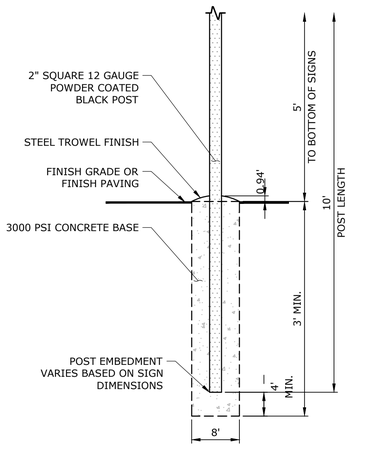
NOT TO SCALE



RESERVED PARKING SPACE MARKING

SIDEWALK RAMP NOTES:

1. MAXIMUM SLOPES OF ADJOINING GUTTERS AND ROAD SURFACES IMMEDIATELY ADJACENT TO THE SIDEWALK RAMP OR ACCESSIBLE ROUTE SHOULD NOT EXCEED 20:1.
2. CARE SHALL BE TAKEN TO ASSURE UNIFORM GRADE ON THE RAMP, FREE OF SAGS AND ABRUPT GRADE CHANGES.
3. ALL RAMPS SHALL BE CONSTRUCTED OF CLASS "C" CONCRETE IN ACCORDANCE WITH CONNECTICUT STANDARD SPECIFICATIONS ARTICLE M.03.01.
4. SIDEWALK RAMPS SHALL HAVE A COARSE BROOM FINISH TRANSVERSE TO THE SLOPE OF THE RAMP. THE SURFACE ALONG ACCESSIBLE ROUTES SHALL BE STABLE, FIRM AND SLIP RESISTANT IN COMPLIANCE WITH ADAAG SECTION 4.5.
5. DIAGONAL SIDEWALK RAMPS AT MARKED CROSSINGS SHALL BE WHOLLY CONTAINED WITHIN THE MARKINGS, EXCLUDING ANY FLARED SIDES.
6. REMOVAL OF EXISTING SIDEWALK FOR NEW RAMP INSTALLATIONS SHALL BE TO THE NEAREST EXPANSION/CONTRACTION JOINT OR DUMMY JOINT. 12:1 MAXIMUM SLOPE MAY NOT BE ACHIEVABLE DUE TO SIDEWALK GRADE. IN RECOGNITION OF THIS, A MINIMUM LIMIT OF 15' FOR A PARALLEL RAMP SHALL BE USED. REMOVAL SHALL NOT BE FURTHER THAN 2' FROM THE PROPOSED RAMP UNLESS DIRECTED BY THE ENGINEER. SAW CUT REQUIRED FOR DUMMY JOINTS SHALL BE INCLUDED IN THE COST OF "CONCRETE SIDEWALK".
7. EXPANSION JOINTS IN CONCRETE SHALL MATCH THOSE IN ADJACENT SIDEWALKS BUT IN NO CASE SHALL THE SPACING BETWEEN EXPANSION JOINTS EXCEED 12' UNLESS OTHERWISE NOTED.
8. SIDE WALK RAMPS SHALL BE CONSTRUCTED WITH THE TOE AT THE GUTTER CAST IN PLACE UNLESS DIRECTED OTHERWISE BY THE ENGINEER. FLARES FOR PERPENDICULAR RAMPS UP TO THE GUTTER SHALL ALSO BE CAST IN PLACE. CURBING ADJACENT TO OR TRANSITIONING FROM RAMP OR OR FLARES MAY VARY. SHALL ALSO BE CAST IN PLACE. CURBING WITHIN THE LIMITS OF THE NEW SIDEWALK RAMP SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE REQUIREMENTS OF FORM 816 SECTIONS 8.11 AND 8.13.
9. HANDICAP RAMPS CONFORMING WITH CONNECTICUT GENERAL STATUTES, SEC. 7-118a, SHALL BE INCORPORATED IN ALL PROPOSED SIDEWALKS AT ALL STREET INTERSECTIONS, AND AT ALL OTHER LOCATIONS WHERE THE GRADE OF A DRIVEWAY OR OTHER FACILITY TAKES PRECEDENCE OVER THE GRADE OF THE PROPOSED SIDEWALK.
10. TRANSITION TO FULL HEIGHT CURB. INSTALL STONE CURBING IF ADJACENT CURBING IS STONE. INSTALL CONCRETE CURBING IF ADJACENT CURBING IS CONCRETE OR BITUMINOUS.
11. IN MOST CASES THE EDGE OF THE DETECTABLE WARNING STRIP SHALL BE INSTALLED 6" FROM THE EDGE OF ROAD ALONG THE FULL WIDTH OF THE RAMP. IF LANDING IS MORE THAN 5' DEEP AT ANY POINT THE DETECTABLE WARNING STRIP SHALL BE INSTALLED ON BOTTOM OF LANDING ALONG FULL WIDTH OF RAMP. HOWEVER, WHERE BOTH ENDS OF THE BOTTOM GRADE BREAK ARE LESS THAN OR EQUAL TO 5' FROM BACK OF CURB, THE DETECTABLE WARNING MAY BE INSTALLED ON THE RAMP SURFACE AT THE BOTTOM GRADE BREAK.
12. TO PERMIT WHEELCHAIR WHEELS TO ROLL BETWEEN DOMES, ALIGN DOMES ON A SQUARE GRID IN THE DIRECTION OF PEDESTRIAN TRAVEL. THE TRANSITION FROM RAMP TO GUTTER MUST BE FLUSH WITHOUT A LIP.
13. THE TOP AND BOTTOM SHOULD BE PROVIDED WITH A 4' X4' MINIMUM LEVEL LANDING AREA WITH A CROSS SLOPE LESS THAN OR EQUAL TO 2% MAXIMUM IN ANY DIRECTION.
14. UTILITY POLES, LUMINAIRES, PEDESTRIAN OR SIGNAL POLES, GRATING, ACCESS COVERS, AND OTHER APPURTENANCS SHALL NOT BE LOCATED ON RAMPS, LANDINGS, BLENDED TRANSITIONS, FLARES, AND GUTTERS WITHIN THE PEDESTRIAN ACCESS ROUTE.
15. APPROACH SIDEWALK AND LANDING MUST NOT EXCEED 2%.
16. ARMOR-TILE TACTILE SYSTEMS AS MANUFACTURED BY: ENGINEERED PLASTICS INC. (800) 682-2525
COLOR:COLONIAL RED (FEDERAL COLOR NO. 20109)

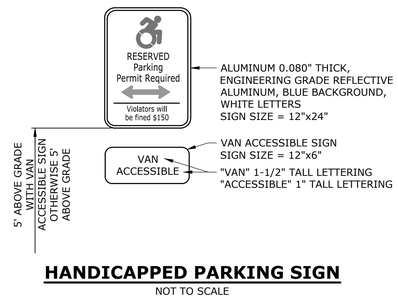


NOTES:

1. FOR POST MOUNTING, USE NON-CORROSIVE 3/8" MACHINE BOLTS WITH WASHERS, 2 PER SIGN.
2. FOR WALL MOUNTING, USE NON-CORROSIVE 3/8" LAG BOLTS WITH LEAD EXPANSION SHIELD, 4 PER SIGN.
3. BOTTOM OF FOOTING TO BE 12" BELOW FROST LINE, EXISTING UNDISTURBED GRADE OR FINISHED GRADE, WHICHEVER IS GREATER.

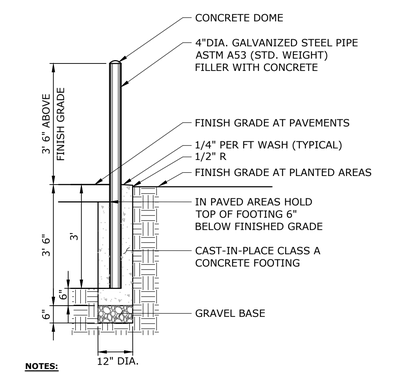
TRAFFIC SIGN POST

NOT TO SCALE



HANDICAPPED PARKING SIGN

NOT TO SCALE

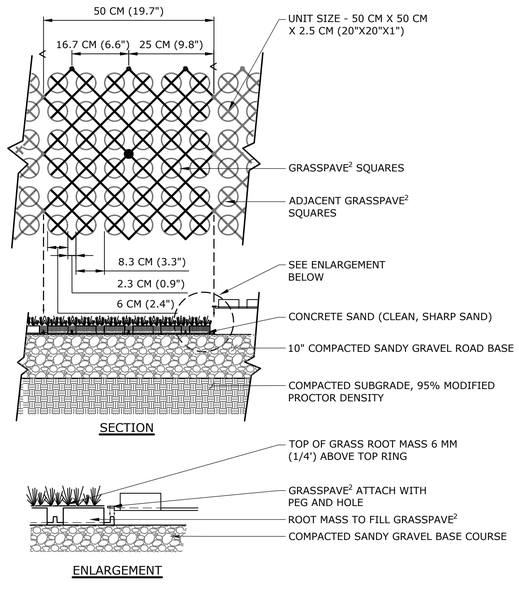


NOTES:

1. FINISH TO BE COLOR GALVANIZED, TO BE DETERMINED BY ARCHITECT.

STEEL PIPE BOLLARD 4"DIA.

NOT TO SCALE

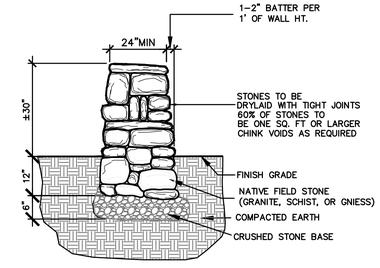


NOTES:

1. GRASS/PLANT TYPES SHALL BE SPECIFIED BY A LANDSCAPE ARCHITECT OR LANDSCAPE DESIGNER.

STABILIZED LAWN - GRASS FILLED PLASTIC RING PAVERS

NOT TO SCALE



DRYLAID FIELD STONE WALL

NOT TO SCALE

SLR
99 REALTY DRIVE
CHESHIRE, CT 06410
203.271.1773
SLRCONSULTING.COM

DESCRIPTION	DATE	BY
PEER REVIEW COMMENTS	1/08/2024	AWG
PEER REVIEW COMMENTS	2/15/2024	AWG

SITE DETAILS

PROPOSED MULTI-FAMILY DEVELOPMENT

131 DANBURY ROAD
WILTON, CONNECTICUT

AWG	AWG	TD
DESIGNED	DRAWN	CHECKED

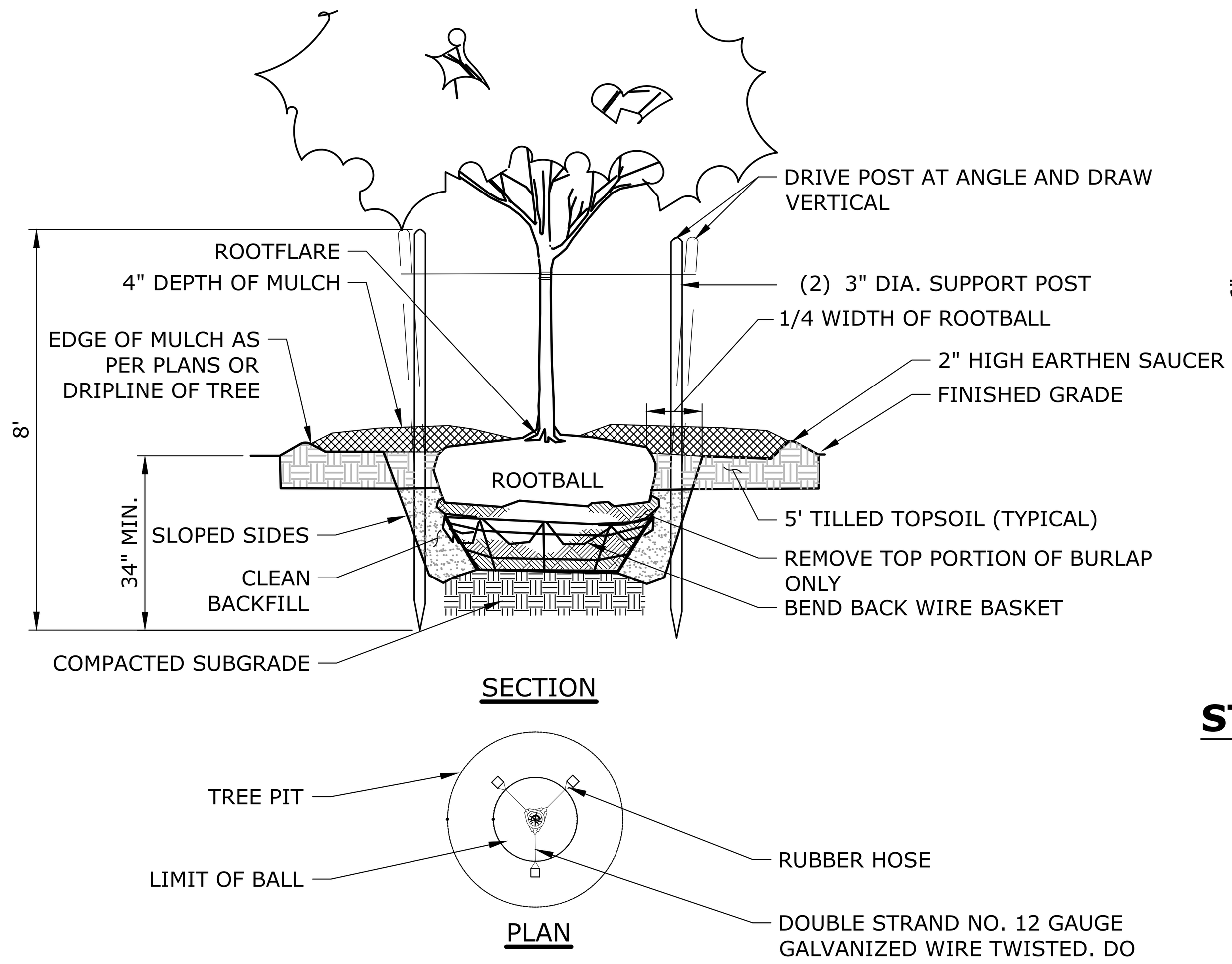
SCALE: AS NOTED

DATE: OCTOBER 23, 2023

PROJECT NO.: 21543.00001

SHEET NO.: 12 OF 24

SHEET NAME: SD-2

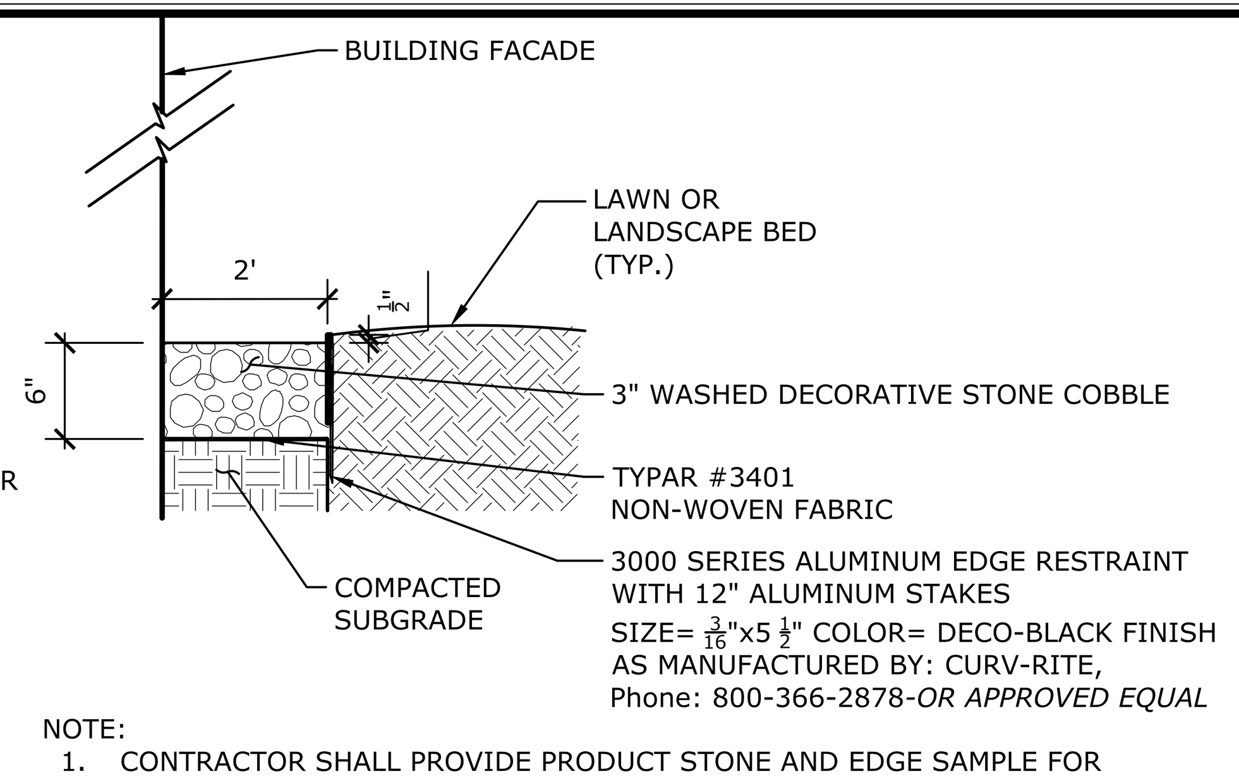


NOTE:

1. SUPPORT STAKES SHALL BE REMOVED BY THE CONTRACTOR ONE YEAR AFTER INSTALLATION.

TREE PLANTING

NOT TO SCALE

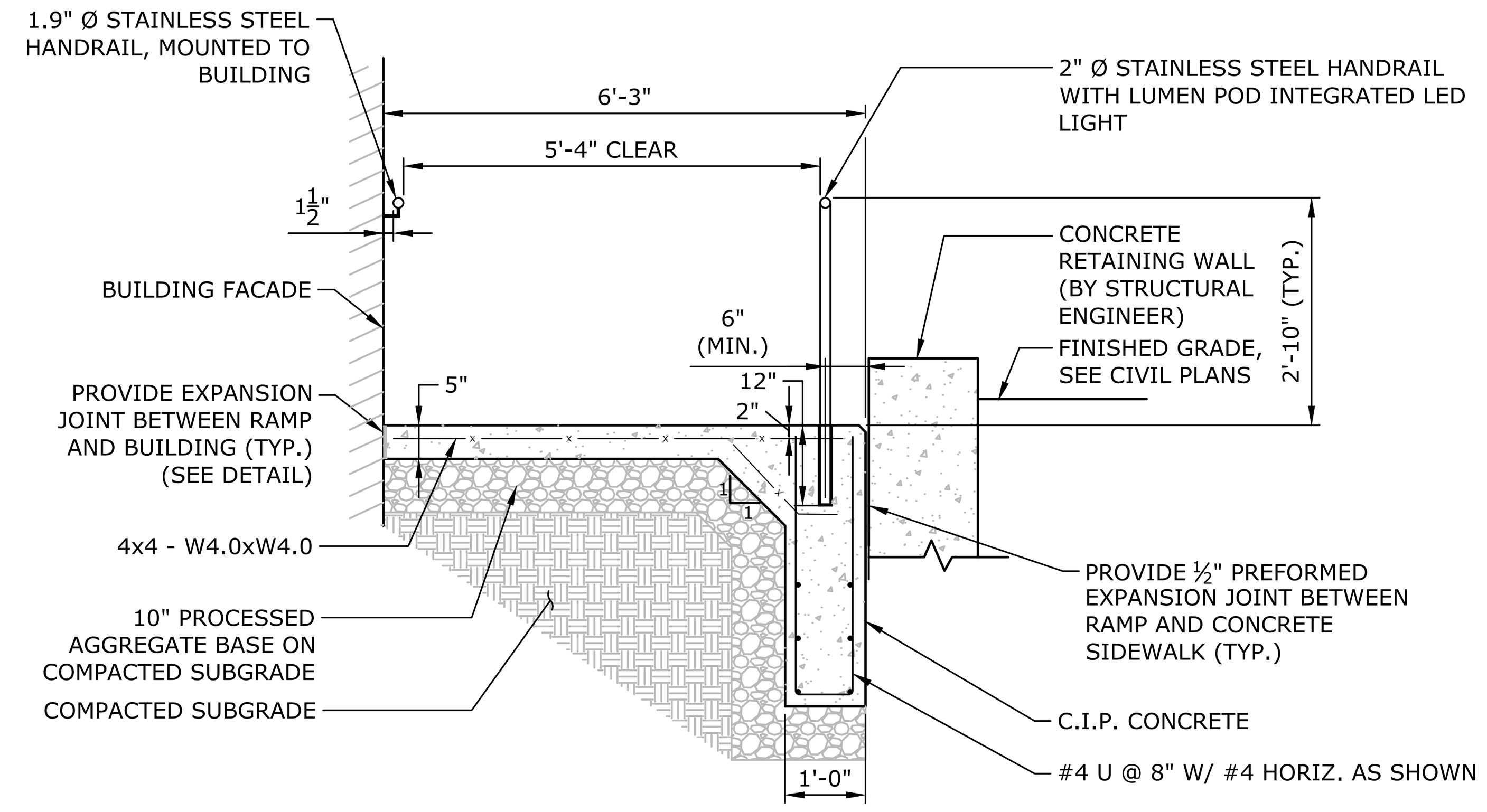


NOTE:

1. CONTRACTOR SHALL PROVIDE PRODUCT STONE AND EDGE SAMPLE FOR APPROVAL BY LANDSCAPE ARCHITECT.

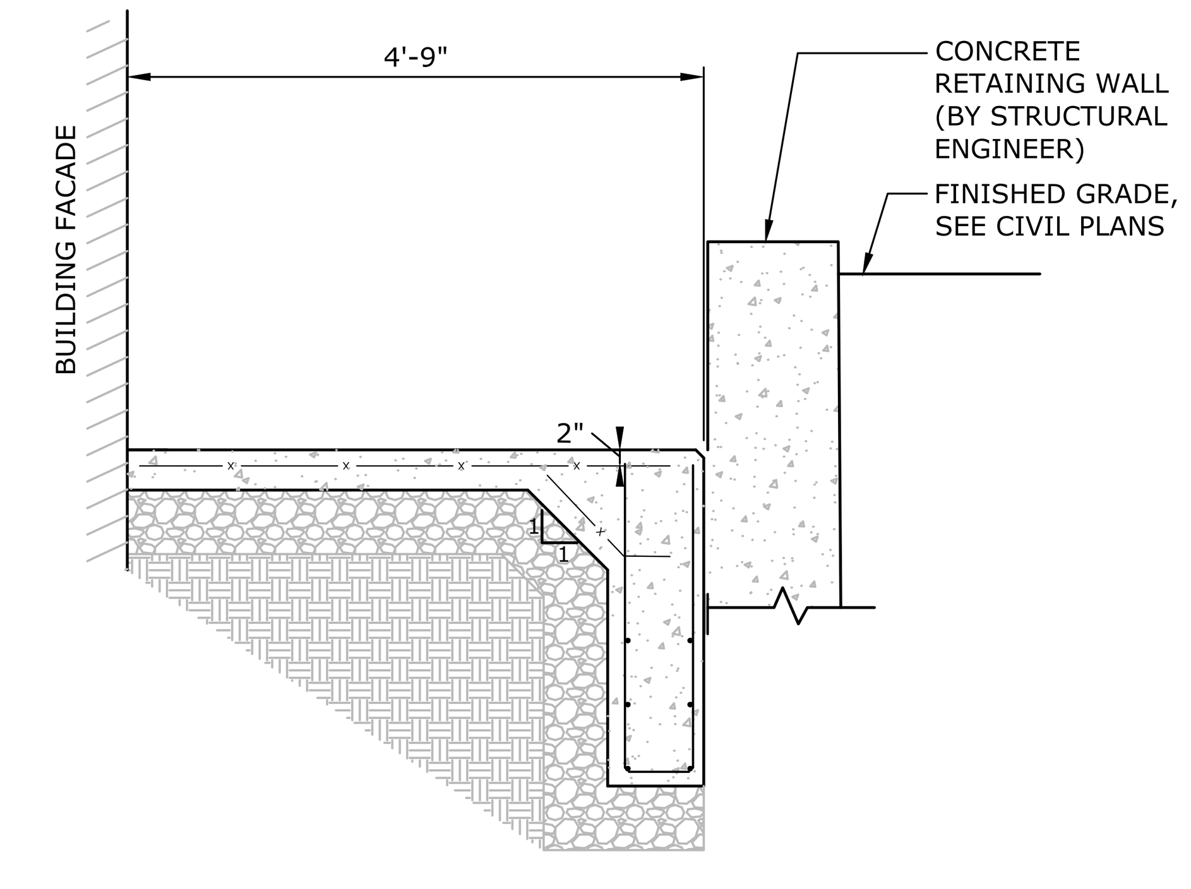
STONE MOW STRIP AT BUILDING FOUNDATION

NOT TO SCALE



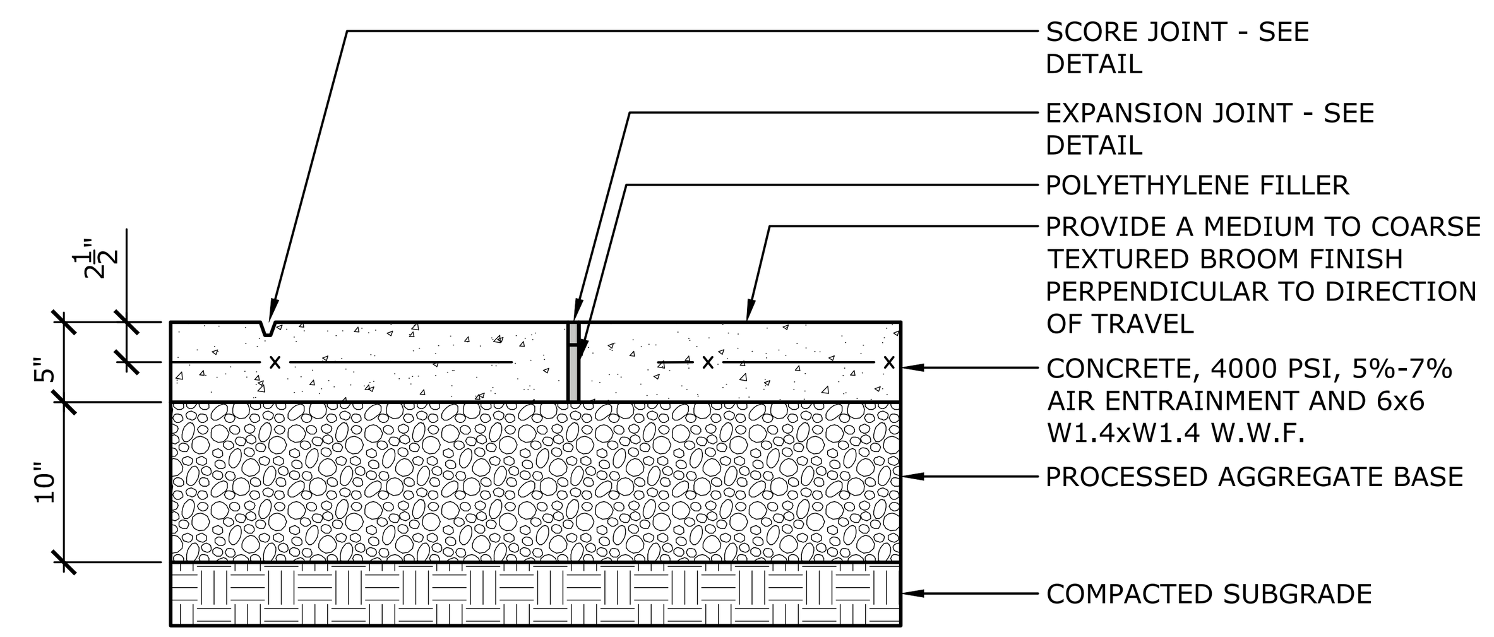
NOTES:

1. CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR ALL RAILINGS PROPOSED IN PROJECT.



ACCESSIBLE RAMP SECTION

1/2" = 1'-0"

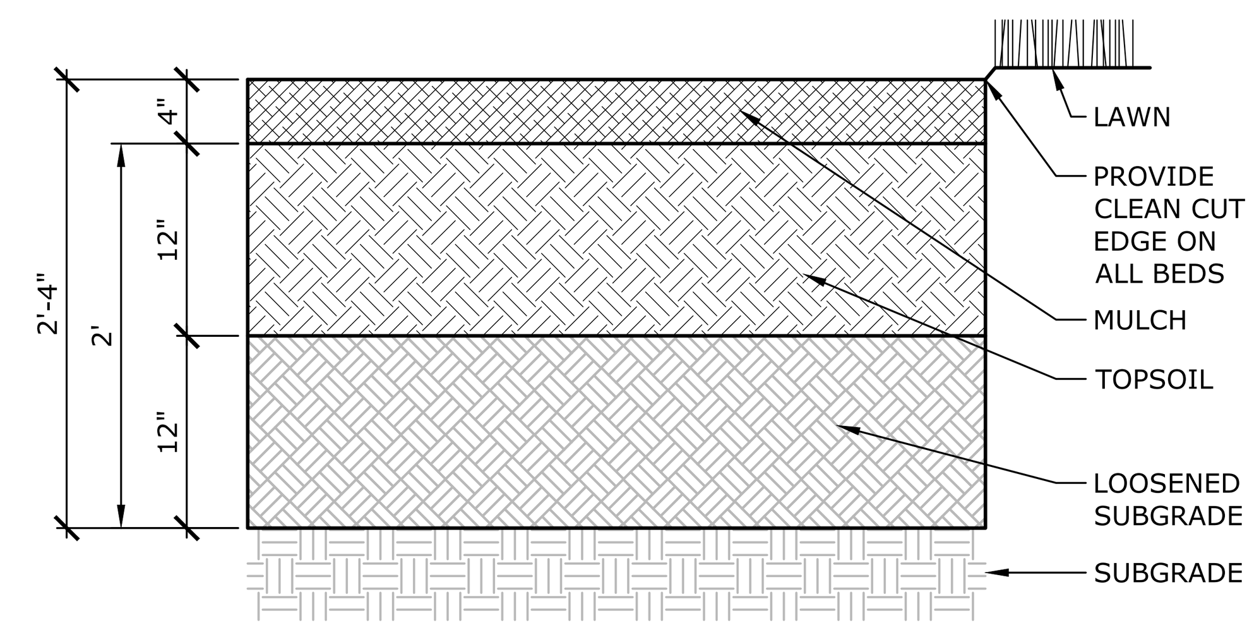


NOTES:

1. EXPANSION JOINTS 24' O.C. MAX. OR AS PER PLAN.
2. SCORE JOINTS 6' O.C. TYP (OR AS SHOWN ON PLANS).
3. PROVIDE PREFORMED EXPANSION JOINT AT ALL CONSTRUCTION JOINTS, WALLS, BUILDINGS, OR WHERE CONCRETE ABUTS EXISTING CONCRETE.
4. PROVIDE COLOR SAMPLES OF EXPANSION JOINT CAULKING TO LANDSCAPE ARCHITECT FOR APPROVAL
5. PROVIDE CLEAR-DRYING CONCRETE SEALER FOR SALT PROTECTION. CONTRACTOR TO SUBMIT PRODUCT INFORMATION FOR APPROVAL.

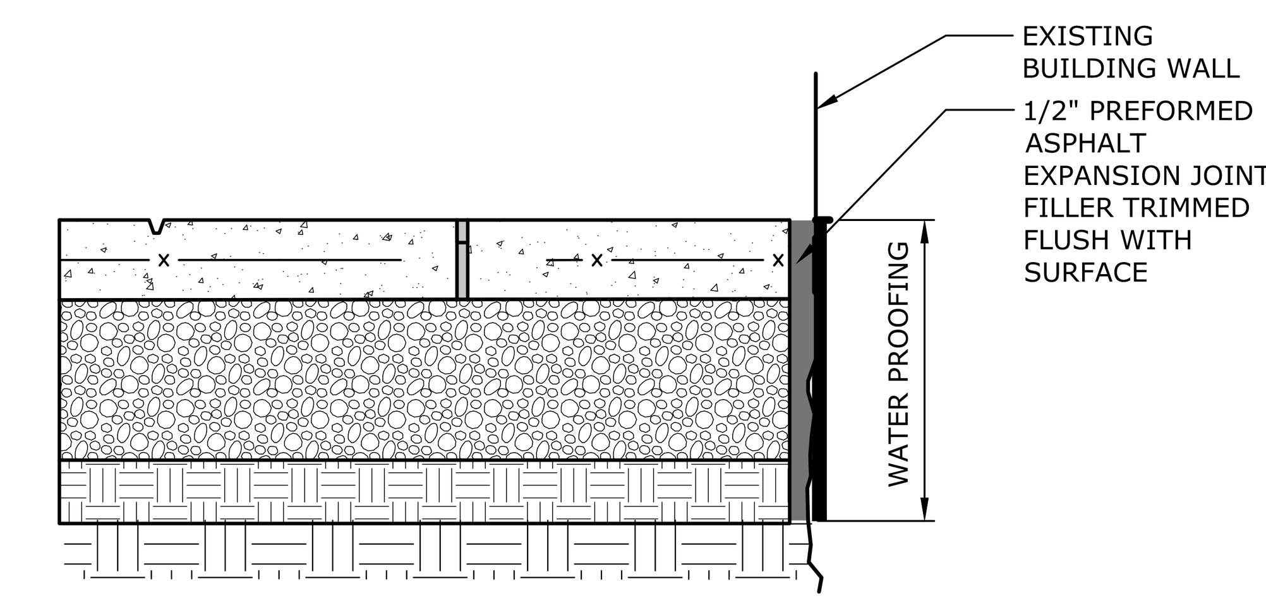
CONCRETE PAVEMENT - RAMP

N.T.S.



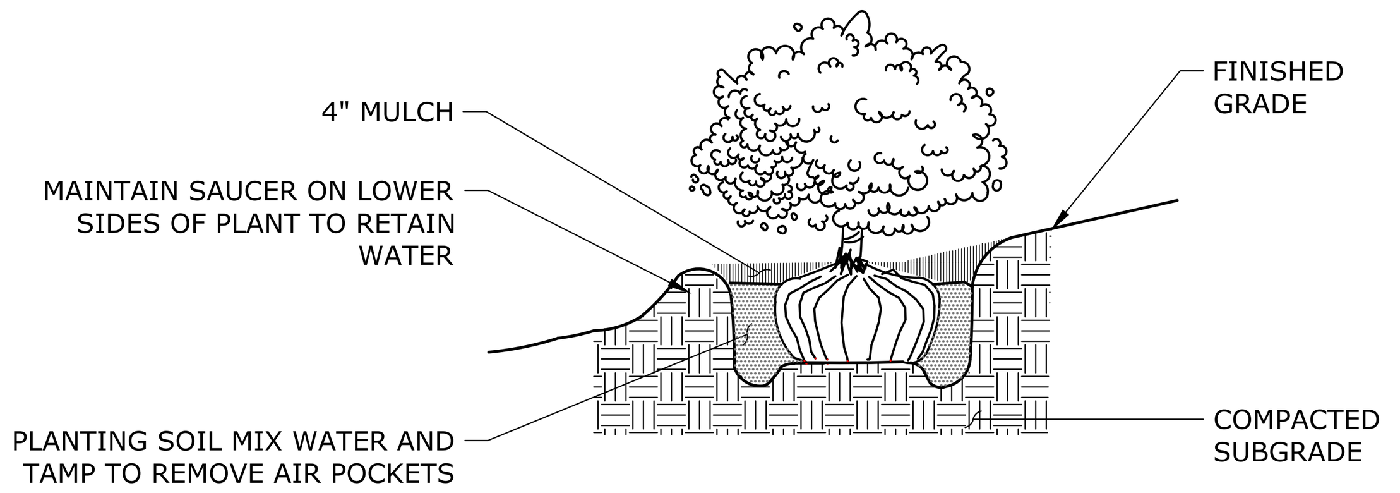
PLANTING BED

NOT TO SCALE



CONCRETE RAMP AT BUILDING FACE

N.T.S.



NOTES:

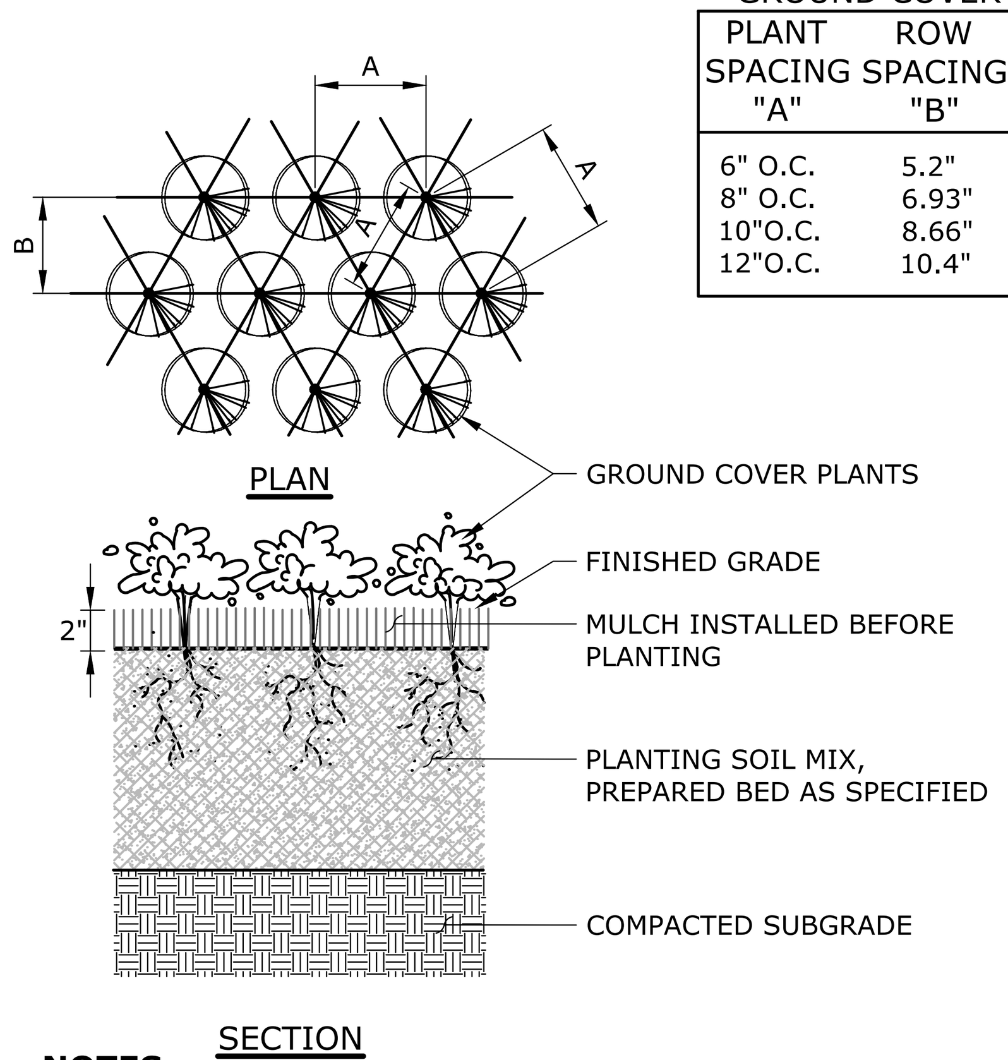
1. UNLESS OTHERWISE DIRECTED SHREDDED MULCH SHALL BE PLACED TO A LIMIT OF ONE FOOT BEYOND THE CENTER OF THE OUTERMOST SHRUBS IN SHRUB BED.

SHRUB PLANTING

NOT TO SCALE

GROUND COVER SPACING TABLE

PLANT SPACING "A"	ROW SPACING "B"	NO. OF PLANTS	AREA UNIT
6" O.C.	5.2"	4.61	1 SQ. FT.
8" O.C.	6.93"	2.6	1 SQ. FT.
10"O.C.	8.66"	1.66	1 SQ. FT.
12"O.C.	10.4"	1.15	1 SQ. FT.

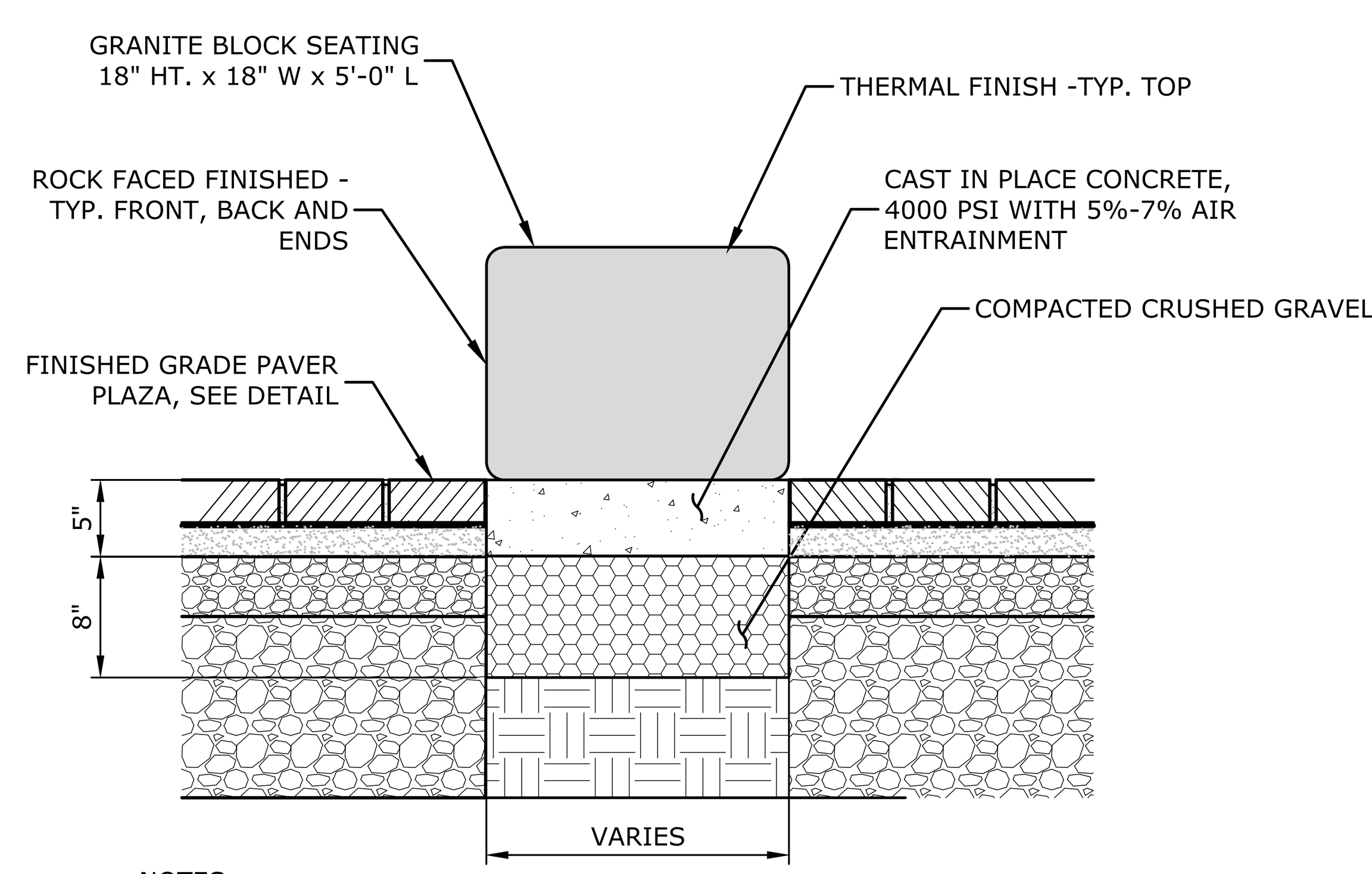


NOTES:

1. ALL GROUND COVER TO BE PLANTED IN TRIANGULAR PATTERN. SEE DETAIL PLAN AND GROUND COVER SPACING TABLE.

GROUND COVER/ PERENNIAL PLANTING

NOT TO SCALE

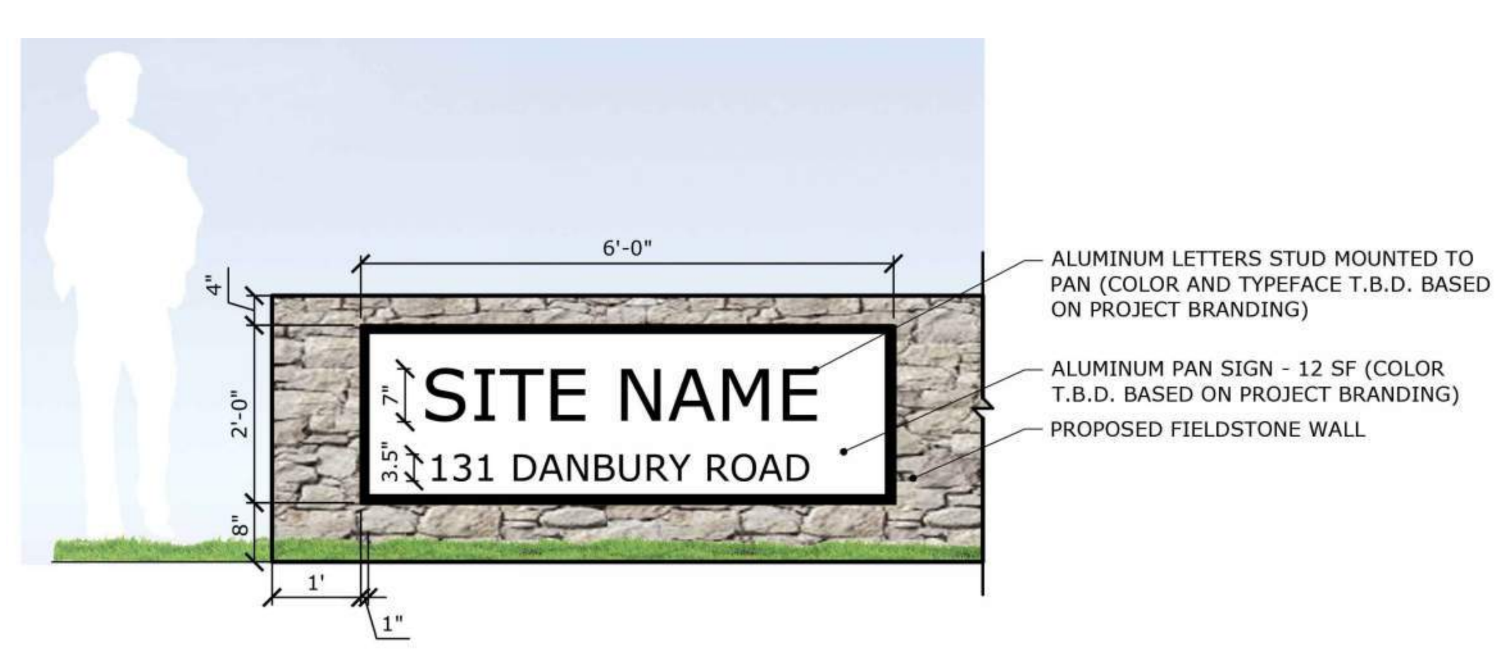


NOTES:

1. BLOCKS TO HAVE ROCK FACED FINISH ON THE FRONT, BACK AND ENDS. TOP OF BLOCK TO HAVE THERMAL FINISH ON THE TOP SEATING SURFACE.

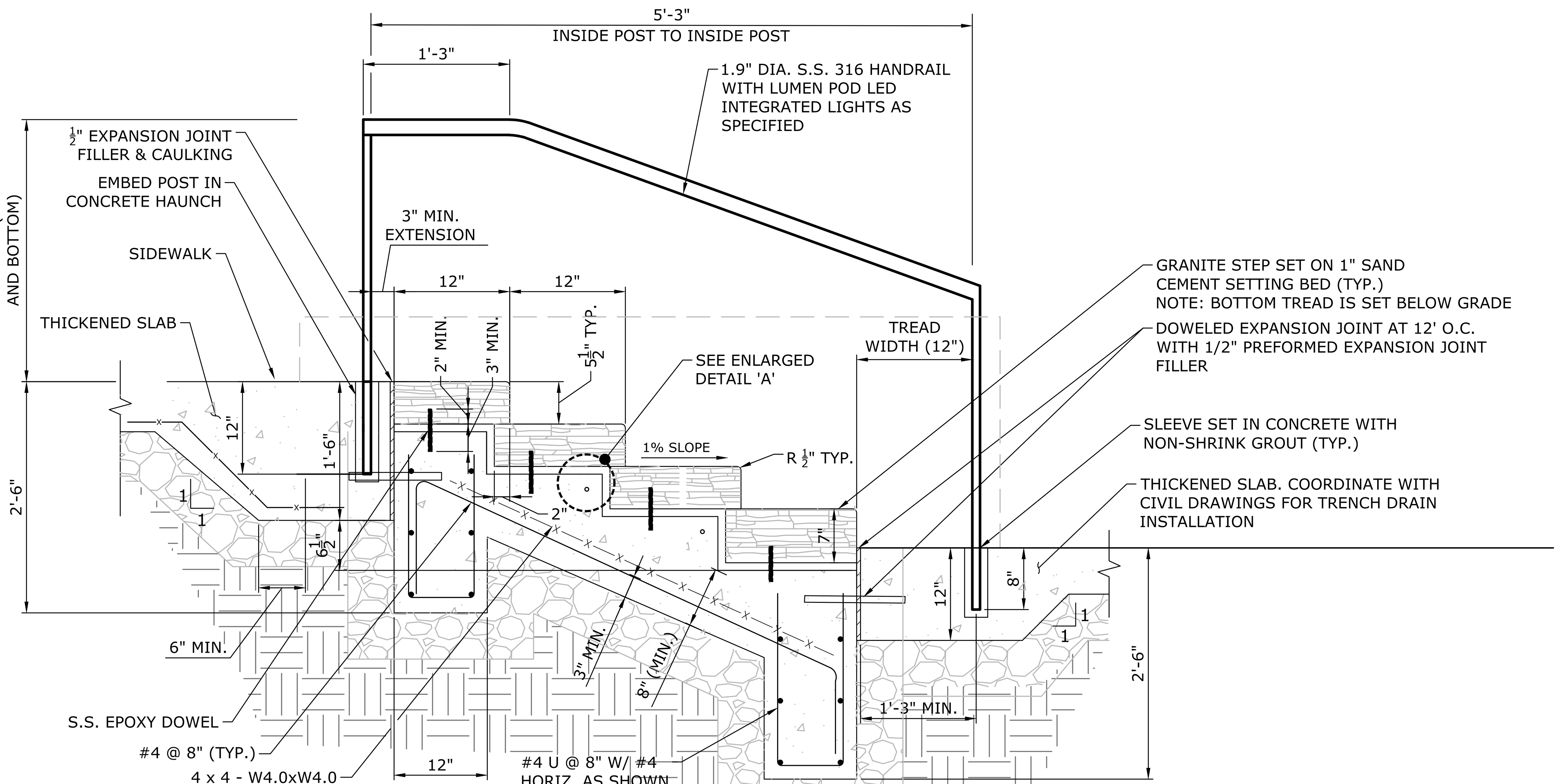
GRANITE BLOCK BENCHES

NOT TO SCALE



SITE SIGN ON STONE WALL (VIEW SOUTH)

NOT TO SCALE

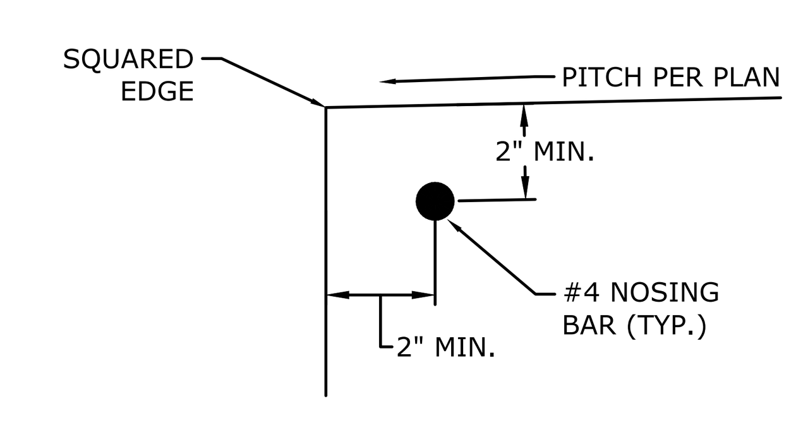


NOTES:

1. 316 STAINLESS STEEL HANDRAIL SHALL BE AS MANUFACTURED BY WAGNER ARCHITECTURAL SYSTEMS, MILWAUKEE, WI, OR APPROVED EQUIVALENT.
2. HANDRAILS SHALL RECEIVE LUMEN POD 28 ASYMETRIC LED INTEGRATED LIGHTS AS SPECIFIED
3. COLOR TEMP: 2700° K
4. PROVIDE SHOP DRAWINGS FOR STAIR AND HANDRAIL FOR APPROVAL

CONCRETE STAIR WITH HANDRAIL AND GRANITE TREAD

SCALE 1" = 1'-0"



ENLARGED DETAIL "A"

NOT TO SCALE

SLR
99 REALTY DRIVE
CHESHIRE, CT 06410
203.271.1773
SLRCONSULTING.COM

DESCRIPTION	DATE	BY
PEER REVIEW COMMENTS	1/09/2024	AWG
PEER REVIEW COMMENTS	2/13/2024	AWG

SITE DETAILS

PROPOSED MULTI-FAMILY DEVELOPMENT

131 DANBURY ROAD
WILTON, CONNECTICUT

DESIGNED	DRAWN	CHECKED
AWG	AWG	TD

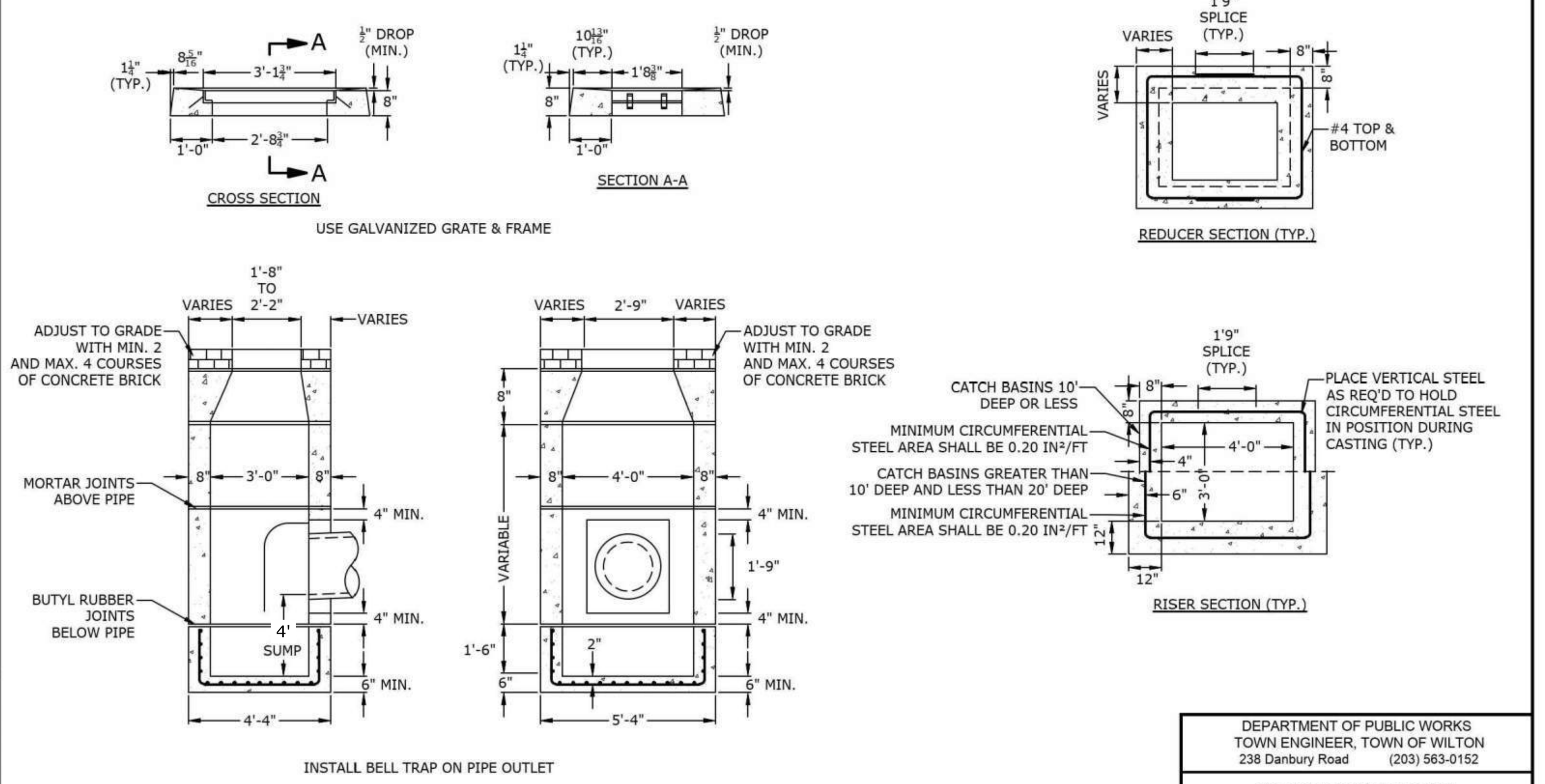
SCALE: AS NOTED

DATE: OCTOBER 23, 2023

PROJECT NO.: 21543.00001

SHEET NO.: 13 OF 24

SHEET NAME: SD-3



CONNECTICUT DEPARTMENT OF TRANSPORTATION

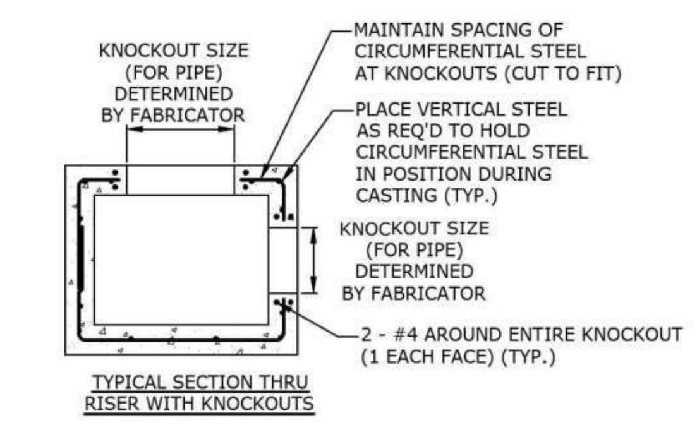
TYPE "C-L" CATCH BASIN

NO SCALE

DEPARTMENT OF PUBLIC WORKS TOWN ENGINEER, TOWN OF WILTON 238 Danbury Road (203) 563-0152	
TYPE "C-L" CATCH BASIN DETAIL WILTON, CONNECTICUT	
Scale: NTS	Date: 02/21/2019
Drawn by:	Grid:
Approved by: F. Smeriglio, PE	Sheet: SW-05A

NOTES:

1. REINFORCEMENT SHALL CONFORM TO ASTM A615, GRADE 60.
2. DETAILS ON THIS SHEET SHOW STANDARD REINFORCEMENT. WELDED WIRE FABRIC WITH AN AREA EQUAL TO OR GREATER THAN THE REINFORCING SHOWN MAY BE SUBSTITUTED.
3. ALL LAP SPLICES, DEVELOPMENT LENGTHS, BENDS FOR REINFORCEMENT, AND WELDED WIRE FABRIC SHALL CONFORM TO AASHTO STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES.
4. ALL REINFORCEMENT SHALL HAVE A MINIMUM CLEAR COVER OF 2", EXCEPT FOR BENEATH BOTTOM REINFORCEMENT IN TOP SLABS, WHERE THE MINIMUM MAY BE 1½"
5. MINIMUM CONCRETE COMPRESSIVE STRENGTH FC'=4,000PSI SHALL BE OBTAINED BEFORE SHIPPING.
6. BASES AND RISERS AT A DEPTH OF 20' AND GREATER SHALL BE DESIGNED BY THE CONTRACTOR AND WORKING DRAWINGS SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW.
7. SEE STANDARD DRAWING 507-K FOR CATCH BASIN FRAMES AND GRATES.
8. FOR DOT MAINTENANCE PERSONNEL, RISERS MAY BE PREFABRICATED WITH PIPE OPENINGS IN ALL FOUR WALLS. ADEQUATE REINFORCING AROUND PIPE OPENINGS TO CONFORMING TO THESE PLANS SHALL BE PROVIDED. ANY RISERS USED WHERE A PIPE OPENING IS TO REMAIN IN PLACE MUST BE FORMED UP WITH BRICK AS DIRECTED BY THE ENGINEER.
9. RISERS SHALL NEVER HAVE CORNER PIPE ENTRIES. WHERE THE ALIGNMENT OF THE PIPE WITH RESPECT TO THE CORNER OF THE CATCH BASIN CANNOT BE CHANGED, A ROUND STRUCTURE CONFORMING TO ASTM C478 SHALL BE USED. REINFORCING FOR THE ROUND TOP SLAB WITH A RECTANGULAR OPENING SHALL CONFORM TO DETAILS SHOWN HERE.
10. ALL PIPE OPENINGS SHALL BE CLOSED USING MATERIALS WHICH CONFORM TO STATE OF CONNECTICUT STANDARD SPECIFICATIONS SECTION M.08.02. IF THE ENGINEER DETERMINES THAT THE CLOSURE OF ANY PIPE OPENING IS UNSATISFACTORY, THE CONTRACTOR SHALL RECLOSE SAID OPENING AT NO ADDITIONAL COST TO THE STATE. KNOCKOUTS FOR PIPE OPENINGS SHALL NOT RESULT IN A REDUCED WALL THICKNESS.
11. THE LATEST STATE OF CONNECTICUT STANDARD SPECIFICATIONS AND SUPPLEMENTALS SHALL GOVERN.
12. FOR ADDITIONAL DETAILS, SEE OTHER CATCH BASIN SHEETS.
13. WALL THICKNESS OF ALL CB'S OVER 10' DEEP SHALL BE INCREASED TO 12" THICK. INSIDE DIMENSION SHALL REMAIN THE SAME. (THE 12" THICKNESS SHALL START AFTER THE FIRST 10")
14. BUTYL RUBBER JOINT SEAL SHALL CONFORM TO AASHTO M-198 AND MORTAR SHALL CONFORM TO THE LATEST STATE OF CONNECTICUT STANDARD SPECIFICATIONS MATERIAL SECTION M11.04.
15. SHRINKAGE AND TEMPERATURE REINFORCEMENT SHALL BE PROVIDED IN THE TOPS OF SLABS. THE TOTAL AREA OF REINFORCEMENT PROVIDED SHALL BE AT LEAST 0.125 IN²/FT IN EACH DIRECTION. THE MAXIMUM SPACING OF THIS REINFORCEMENT SHALL NOT EXCEED 18 INCHES.
16. THE DETAILS SHOWN IN THE PLAN VIEW FOR THE PRECAST CONCRETE ROUND STRUCTURES SHALL ALSO BE USED FOR CONVERTING MANHOLES TO CATCH BASINS.

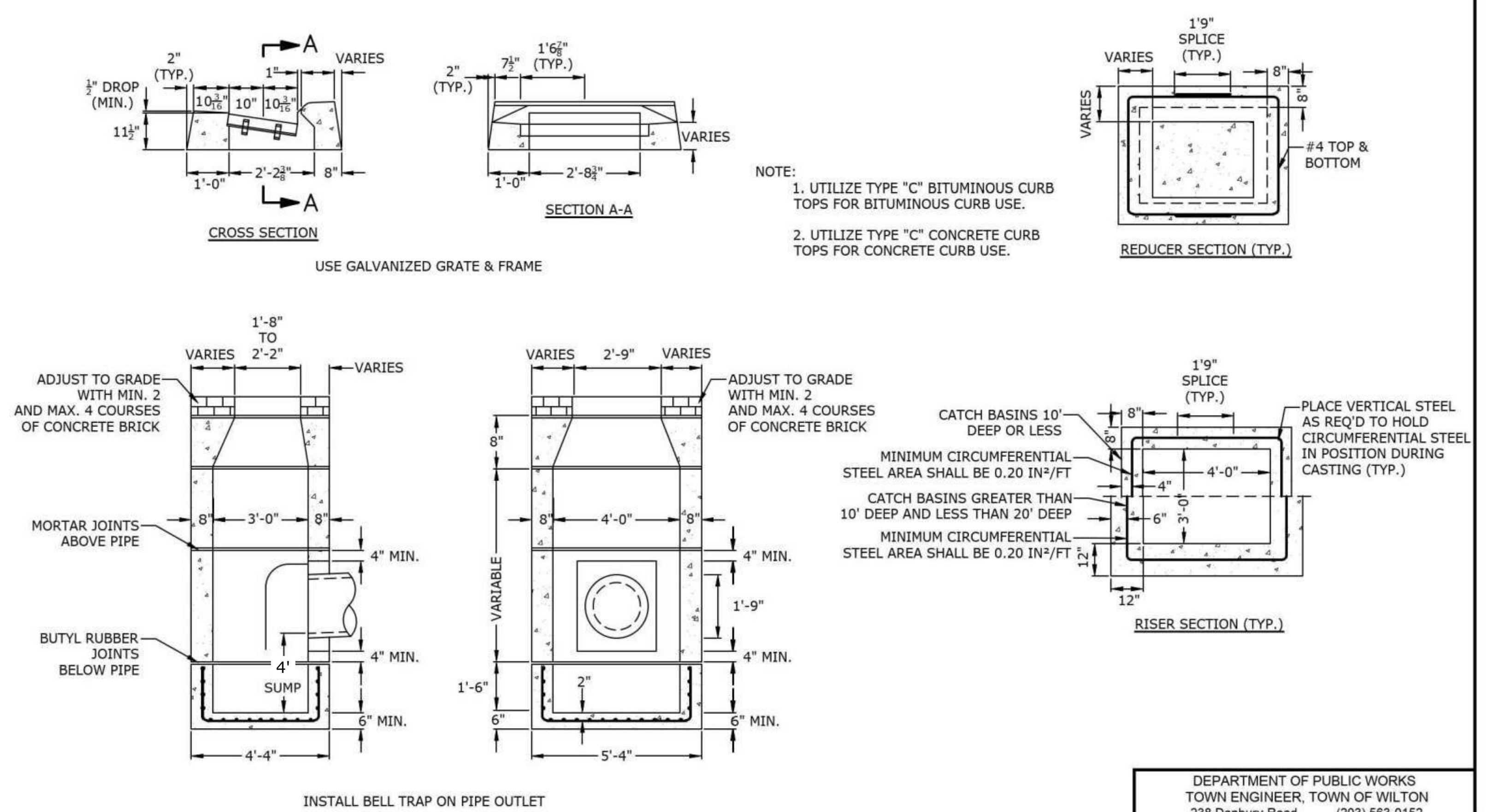


CONNECTICUT DEPARTMENT OF TRANSPORTATION

TYPE "C-L" CATCH BASIN

NO SCALE

DEPARTMENT OF PUBLIC WORKS TOWN ENGINEER, TOWN OF WILTON 238 Danbury Road (203) 563-0152	
TYPE "C-L" CATCH BASIN DETAIL WILTON, CONNECTICUT	
Scale: NTS	Date: 02/21/2019
Drawn by:	Grid:
Approved by: F. Smeriglio, PE	Sheet: SW-05B



CONNECTICUT DEPARTMENT OF TRANSPORTATION

TYPE "C" CATCH BASIN

NO SCALE

DEPARTMENT OF PUBLIC WORKS TOWN ENGINEER, TOWN OF WILTON 238 Danbury Road (203) 563-0152	
TYPE "C" CATCH BASIN DETAIL WILTON, CONNECTICUT	
Scale: NTS	Date: 02/21/2019
Drawn by:	Grid:
Approved by: F. Smeriglio, PE	Sheet: SW-01A

NOTES:

1. REINFORCEMENT SHALL CONFORM TO ASTM A615, GRADE 60.
2. DETAILS ON THIS SHEET SHOW STANDARD REINFORCEMENT. WELDED WIRE FABRIC WITH AN AREA EQUAL TO OR GREATER THAN THE REINFORCING SHOWN MAY BE SUBSTITUTED.
3. ALL LAP SPLICES, DEVELOPMENT LENGTHS, BENDS FOR REINFORCEMENT, AND WELDED WIRE FABRIC SHALL CONFORM TO AASHTO STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES.
4. ALL REINFORCEMENT SHALL HAVE A MINIMUM CLEAR COVER OF 2", EXCEPT FOR BENEATH BOTTOM REINFORCEMENT IN TOP SLABS, WHERE THE MINIMUM MAY BE 1½"
5. MINIMUM CONCRETE COMPRESSIVE STRENGTH FC'=4,000PSI SHALL BE OBTAINED BEFORE SHIPPING.
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7. SEE STANDARD CTDOT DRAWING 507-K FOR CATCH BASIN FRAMES AND GRATES.
8. FOR DOT MAINTENANCE PERSONNEL, RISERS MAY BE PREFABRICATED WITH PIPE OPENINGS IN ALL FOUR WALLS. ADEQUATE REINFORCING AROUND PIPE OPENINGS TO CONFORMING TO THESE PLANS SHALL BE PROVIDED. ANY RISERS USED WHERE A PIPE OPENING IS TO REMAIN IN PLACE MUST BE FORMED UP WITH BRICK AS DIRECTED BY THE ENGINEER.
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12. FOR ADDITIONAL DETAILS, SEE OTHER CATCH BASIN SHEETS.
13. WALL THICKNESS OF ALL CB'S OVER 10' DEEP SHALL BE INCREASED TO 12" THICK. INSIDE DIMENSION SHALL REMAIN THE SAME. (THE 12" THICKNESS SHALL START AFTER THE FIRST 10")
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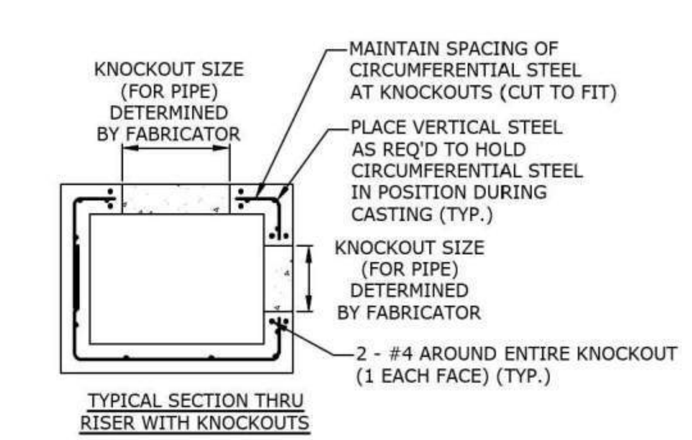
15. SHRINKAGE AND TEMPERATURE REINFORCEMENT SHALL BE PROVIDED IN THE TOPS OF SLABS. THE TOTAL AREA OF REINFORCEMENT PROVIDED SHALL BE AT LEAST 0.125 IN²/FT IN EACH DIRECTION. THE MAXIMUM SPACING OF THIS REINFORCEMENT SHALL NOT EXCEED 18 INCHES.
16. THE DETAILS SHOWN IN THE PLAN VIEW FOR THE PRECAST CONCRETE ROUND STRUCTURES SHALL ALSO BE USED FOR CONVERTING MANHOLES TO CATCH BASINS.
17. SET CATCH BASIN TOPS ON 6" MINIMUM BRICK OR BLOCK LEVELING COURSE.
18. AFFIX PLAQUE TO ALL CATCH BASINS STATING "DUMP NO WASTE - DRAINS TO LONG ISLAND SOUND". COST FOR PLAQUE SHALL BE INCLUDED IN THE CONTRACT UNIT COST FOR CATCH BASINS.

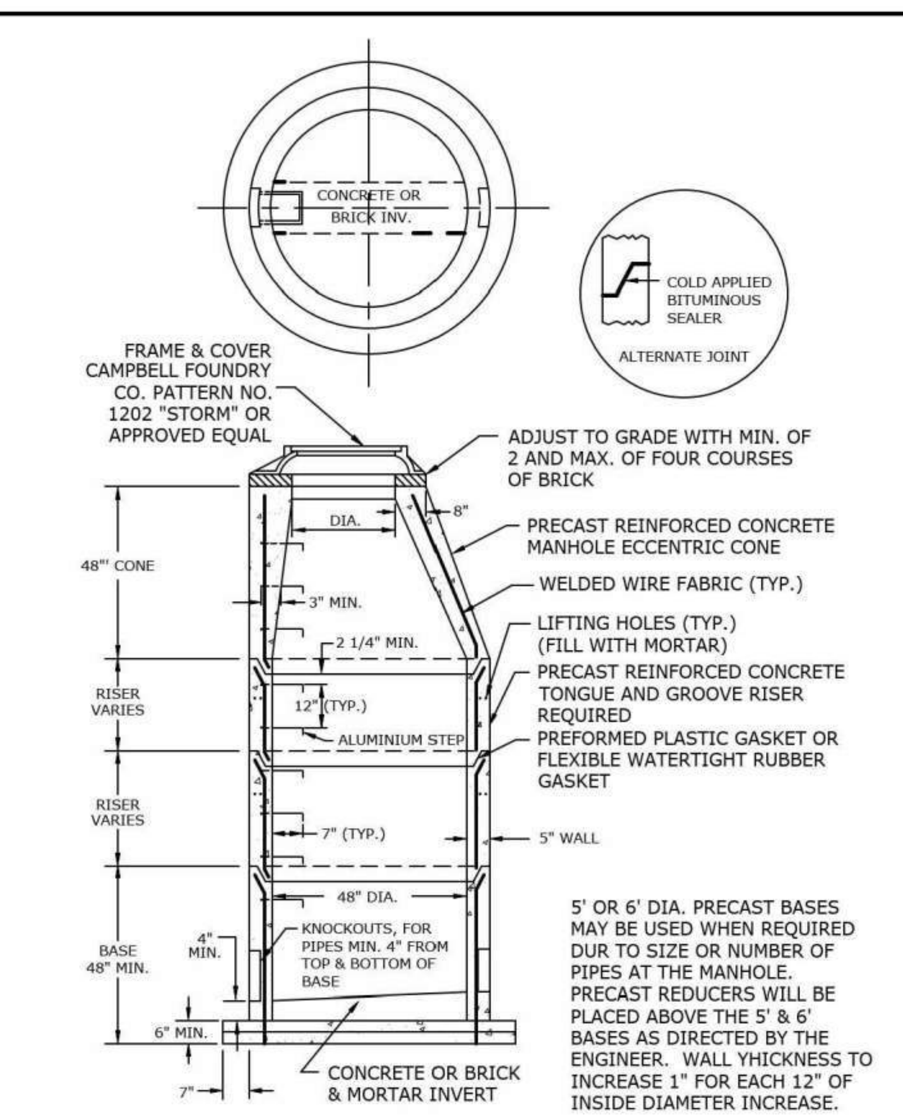


CONNECTICUT DEPARTMENT OF TRANSPORTATION

TYPE "C" CATCH BASIN

NO SCALE

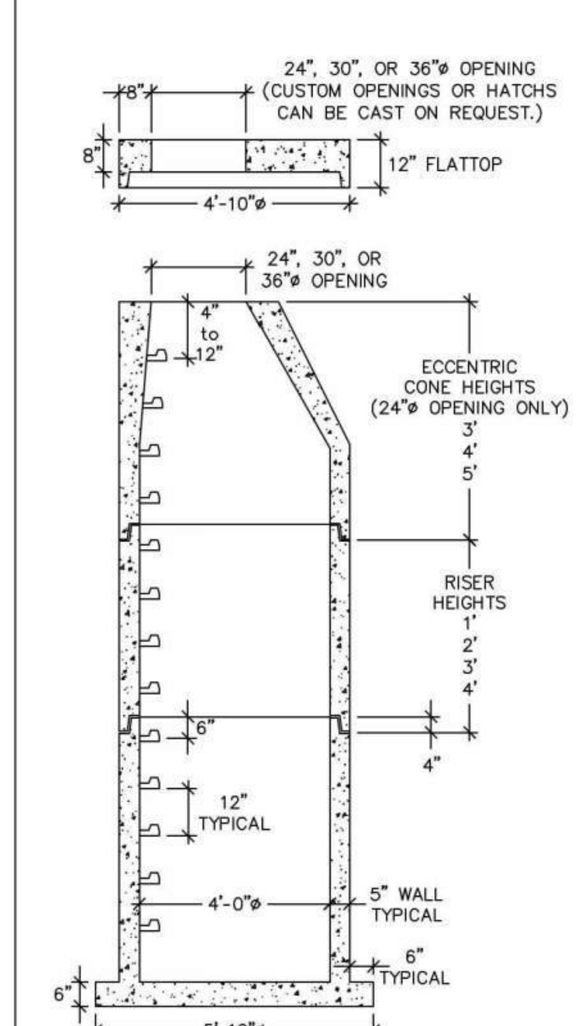
DEPARTMENT OF PUBLIC WORKS TOWN ENGINEER, TOWN OF WILTON 238 Danbury Road (203) 563-0152	
TYPE "C" CATCH BASIN DETAIL WILTON, CONNECTICUT	
Scale: NTS	Date: 02/21/2019
Drawn by:	Grid:
Approved by: F. Smeriglio, PE	Sheet: SW-01B



48" PRECAST MANHOLE

NO SCALE

DEPARTMENT OF PUBLIC WORKS TOWN ENGINEER, TOWN OF WILTON 238 Danbury Road (203) 563-0152	
48" PRECAST MANHOLE WILTON, CONNECTICUT	
Scale: NTS	Date: 02/21/2019
Drawn by:	Grid:
Approved by: F. Smeriglio, PE	Sheet: SW-02



4' DIAMETER MANHOLE COMPONENTS

MANHOLE DESIGN SPECIFICATION CONFORMS TO LATEST: ASTM DESIGNATION C478

NOTES:

1. JOINT SEALANT IS BUTYL RUBBER MASTIC TYPE SEAL THAT CONFORMS TO LATEST AASHTO SPECIFICATION M-198. MEETS FEDERAL SPECIFICATION SS-S-210(210-A).
2. REINFORCING STEEL WELDED WIRE FABRIC CONFORMS TO LATEST ASTM SPECIFICATION A185.
3. REINFORCING STEEL DEFORMED BARS CONFORM TO LATEST ASTM SPEC. A615/A706.
4. CONCRETE COMPRESSIVE STRENGTH – 5,000 PSI AT 28 DAYS.
5. MANHOLE STEPS MEET LATEST OSHA REGULATION 29 CFR 1910.27, SECTION 16 OF ASTM SPECIFICATION C478 AND SECTION 10 OF ASTM SPECIFICATION C497.
6. WHEN SPECIFIED, MANHOLES ARE COATED WITH BAY OIL, "EBONY".
7. METHOD OF MANUFACTURE: WETCAST.
8. BASE SECTION IS MONOLITHIC.
9. THE MANHOLE IS DESIGNED FOR HS-20 LOADING WITH 18" SOIL COVER.

WEIGHT CHART

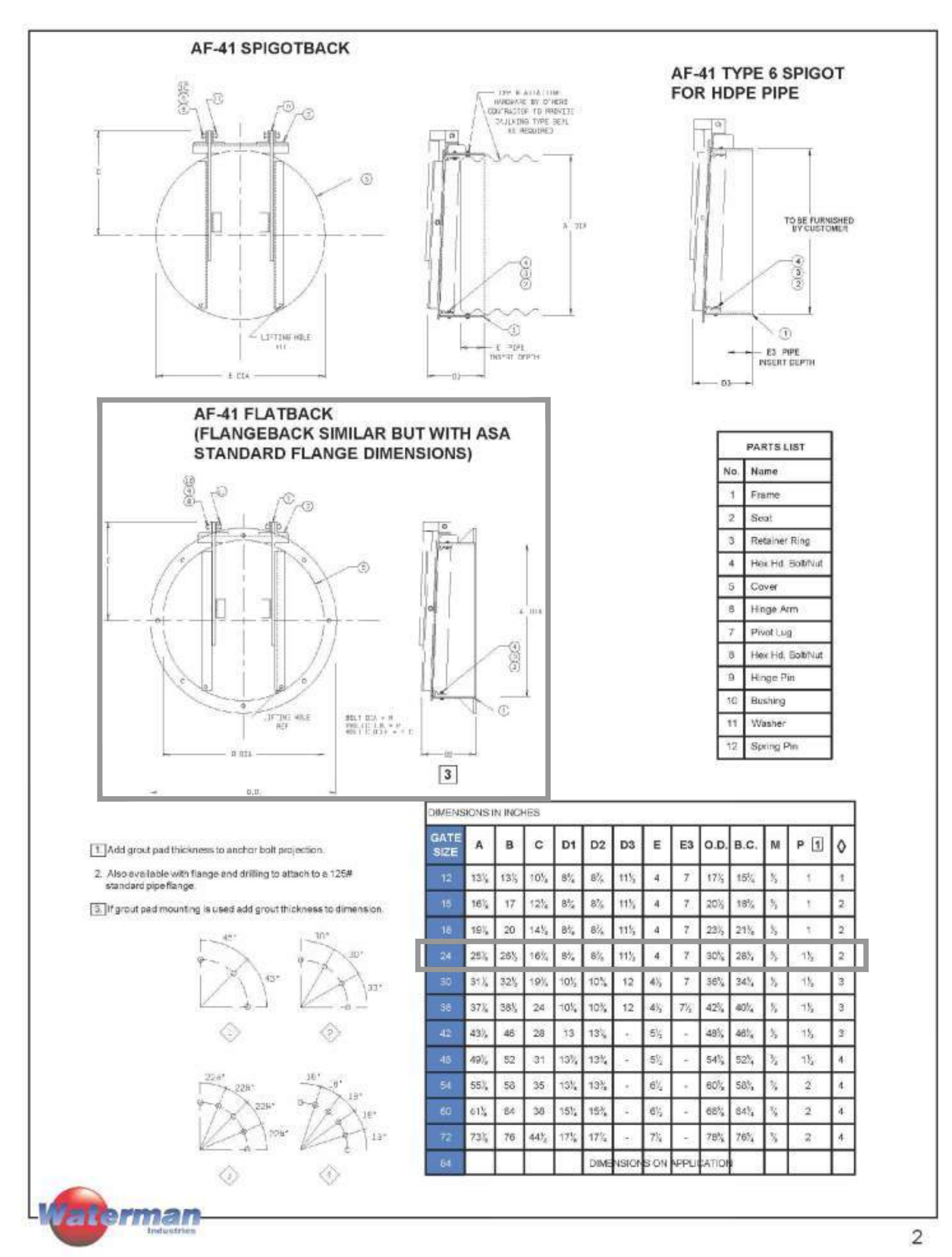
PRODUCT	APPROX. WEIGHT
3' BASE	4000 LBS.
4' BASE	4700 LBS.
6' BASE	6600 LBS.
1' RISER	900 LBS.
2' RISER	1700 LBS.
3' RISER	2600 LBS.
4' RISER	3400 LBS.
3' CONE W/ 24" OPENING	2500 LBS.
3' CONE W/ 30" OPENING	2600 LBS.
3' CONE W/ 36" OPENING	2750 LBS.
4' CONE W/ 24" OPENING	3200 LBS.
5' CONE W/ 24" OPENING	4200 LBS.
FLAT SLAB TOP W/ 24" OPENING	1650 LBS.
FLAT SLAB TOP W/ 30" OPENING	1500 LBS.
FLAT SLAB TOP W/ 36" OPENING	1250 LBS.

UNITED CONCRETE PRODUCTS INC.

173 CHURCH STREET, YALESVILLE, CT 06492 TEL. 800 234-3119 (203) 269-3119 FAX. (203) 265-4941

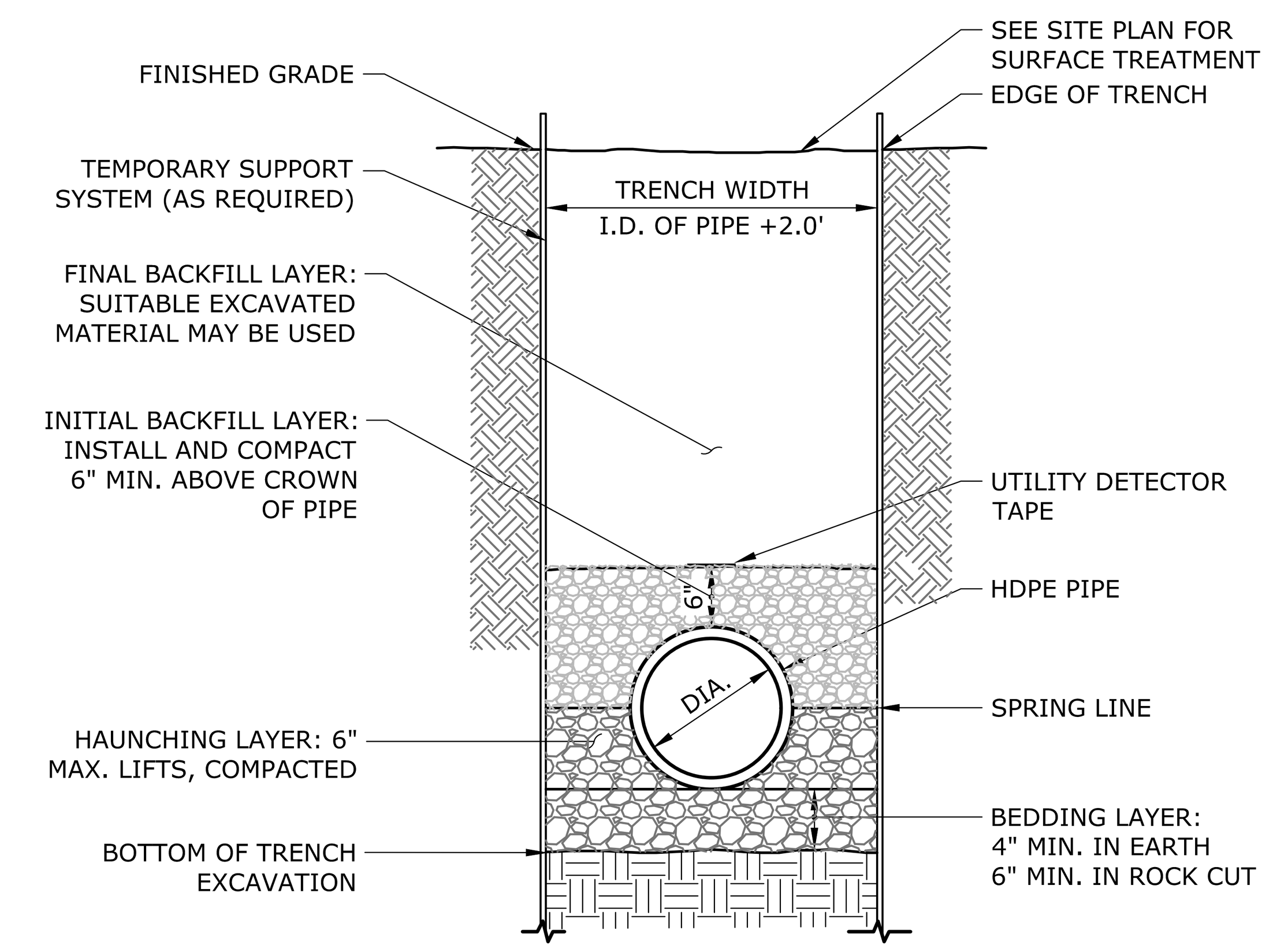
STORM MANHOLE WITH FLATTOP (AS NEEDED FOR SHALLOWER INVERTS)

NOT TO SCALE



WALL MOUNTED FLAP GATE

NOT TO SCALE

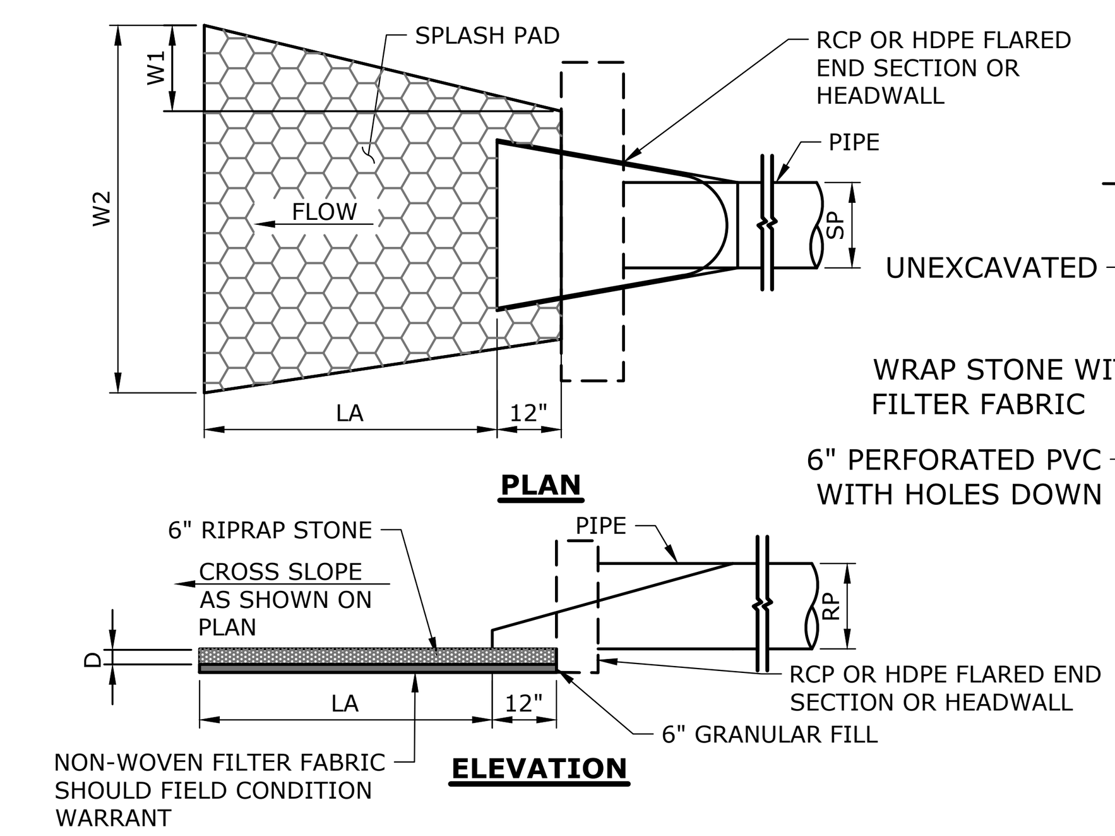


NOTES:

1. BACKFILL MATERIAL USED IN BEDDING, HAUNCHING, AND INITIAL BACKFILL LAYERS SHALL BE 3/4" CRUSHED STONE AND SHOULD BE APPROVED BY THE ENGINEER.
2. BACKFILL MATERIAL IF EXISTING MATERIAL IS DEEMED UNSUITABLE.
3. PAYMENT LIMIT FOR ROCK IN TRENCH TO BE PIPE DIAMETER + 3.0'

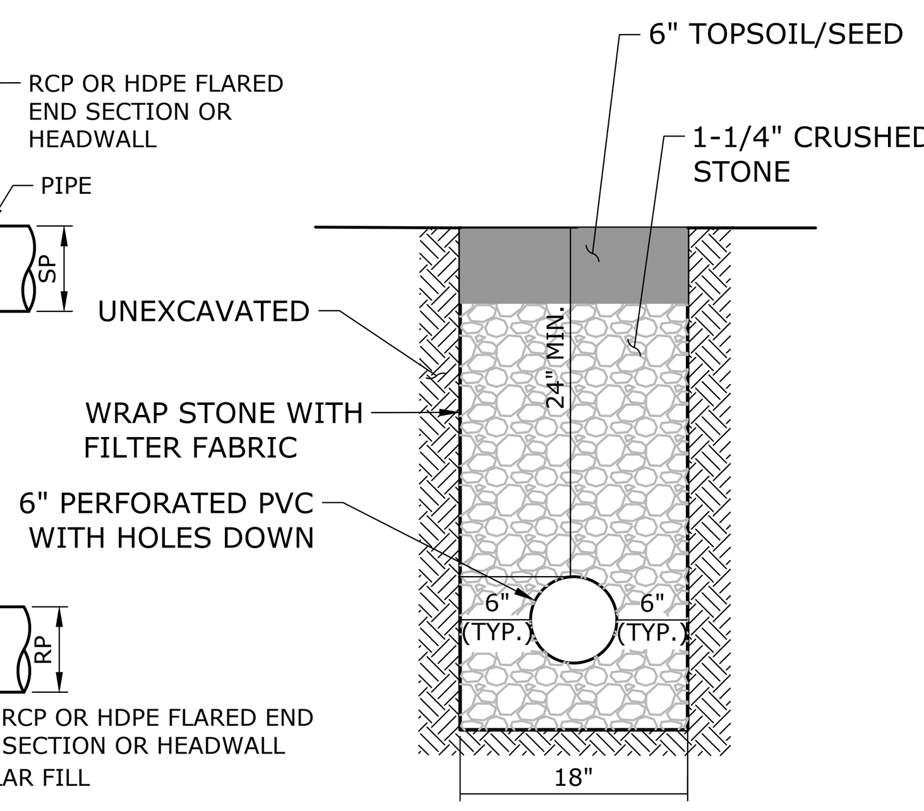
STORM DRAINAGE TRENCH

NOT TO SCALE



FLARED END WITH RIP RAP SPLASH PAD

NOT TO SCALE



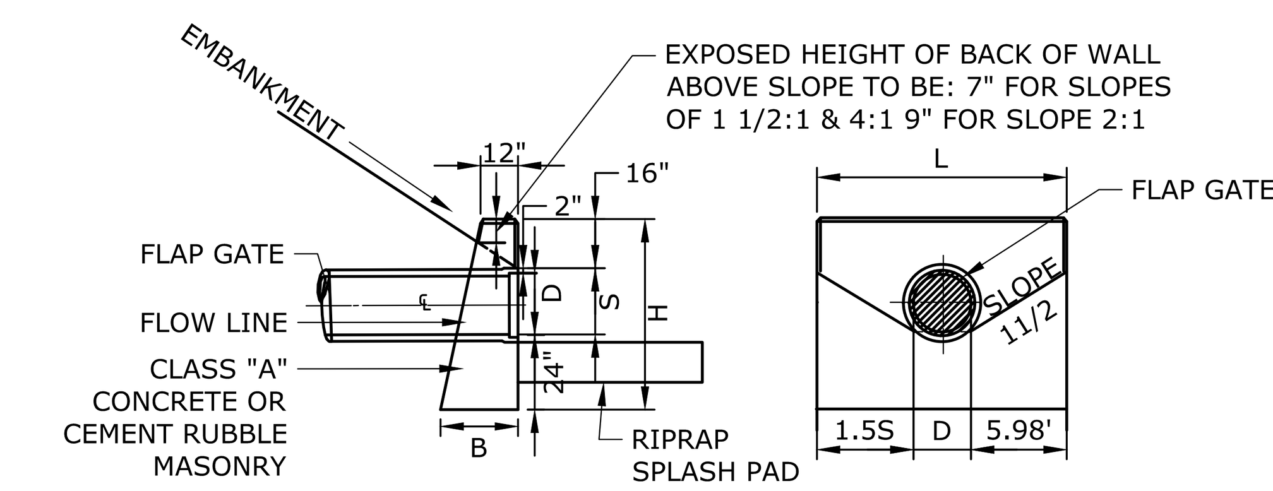
CURTAIN DRAIN

NOT TO SCALE

OUTLET PROTECTION ID	TYPE	SP (FT)	RP (FT)	LA (FT)	W1 (FT)	W2 (FT)	D (IN)
RD- JEWEL BOX	TYPE B	1	1	10	3	7	12
HEADWALL 1	TYPE B	3	3	15	9	15	12

RIP RAP SPLASH PAD SIZING

NOT TO SCALE



H = TOTAL HEIGHT OF ENDWALL
B = BASE
D = INSIDE DIAMETER OF PIPE
S = HEIGHT OF SLOPE ABOVE FLOW LINE AT FACE OF WALL-MINIMUM = D+2
L = LENGTH OF WALL= 3S+D

ALL EDGES OF EXPOSED SURFACES TO BE CHAMFERED APPROXIMATELY 1"

DIMENSIONS AND QUANTITIES FOR ONE ENDWALL BASED ON S = D+2						
D	S	H	L	BATTER	B	VOL.
INS.	FT. & IN.	FT. & IN.	FT. & IN.	IN.	FT. & IN.	C.Y.
12"	1' 2"	4' 6"	4' 6"	2 1/2"	1' 11 1/4"	1.10
15"	1' 5"	4' 9"	5' 6"	2 1/2"	1' 11 7/8"	1.45
18"	1' 8"	5'	6' 6"	2 1/2"	2' 1/2"	1.83
24"	2' 2"	5' 6"	8' 6"	2 1/2"	2' 1 3/4"	2.72
30"	2' 8"	6'	10' 6"	2 1/2"	2' 3"	3.79*
36"	3' 2"	6' 6"	12' 6"	3"	2' 7 1/2"	5.45*
42"	3' 8"	7'	14' 6"	3"	2' 9"	6.40
48"	4' 2"	7' 6"	16' 6"	3"	2' 10 1/2"	8.00

*VOLUME BASED ON "D" AND WALL THICKNESS AT ℄ OF PIPE HAS BEEN DEDUCTED

ENDWALL

NOT TO SCALE

SLR
99 REALTY DRIVE
CHESHIRE, CT 06410
203.271.1773
SLRCONSULTING.COM

DESCRIPTION	DATE	BY
PEER REVIEW COMMENTS	1/09/2024	AWG
PEER REVIEW COMMENTS	2/13/2024	AWG

SITE DETAILS

PROPOSED MULTI-FAMILY DEVELOPMENT

131 DANBURY ROAD
WILTON, CONNECTICUT

AWG	AWG	TD
DESIGNED	DRAWN	CHECKED

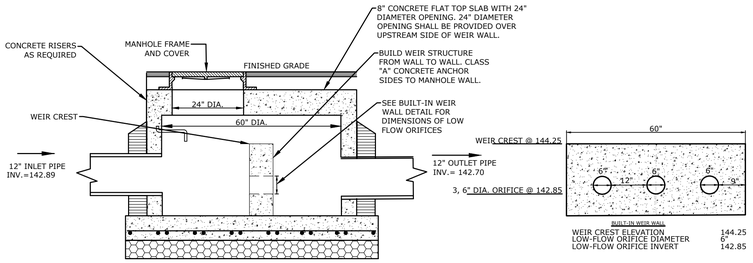
AS NOTED
SCALE

OCTOBER 23, 2023
DATE

21543.00001
PROJECT NO.

14 OF 24
SHEET NO.

SD-4
SHEET NAME



NOTES:
THIS DETAIL REPRESENTS A MODIFICATION OF A STANDARD STORM MANHOLE FOR USE IN CONTROLLING THE DISCHARGE FROM THE DETENTION AREA. SEE THE MANHOLE DETAIL FOR STANDARD DIMENSIONS AND NOTES.

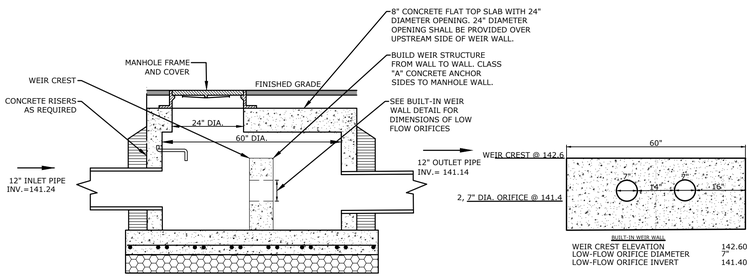
OUTLET CONTROL STRUCTURE FOR UNDERGROUND DETENTION SYSTEM 1 (MH 12)

SCALE: ½"=1'

NOTES:
THIS DETAIL REPRESENTS A MODIFICATION OF A STANDARD STORM MANHOLE FOR USE IN CONTROLLING THE DISCHARGE FROM THE DETENTION AREA. SEE THE MANHOLE DETAIL FOR STANDARD DIMENSIONS AND NOTES.

OUTLET CONTROL STRUCTURE FOR UNDERGROUND DETENTION SYSTEM 2 (MH 15)

SCALE: ½"=1'

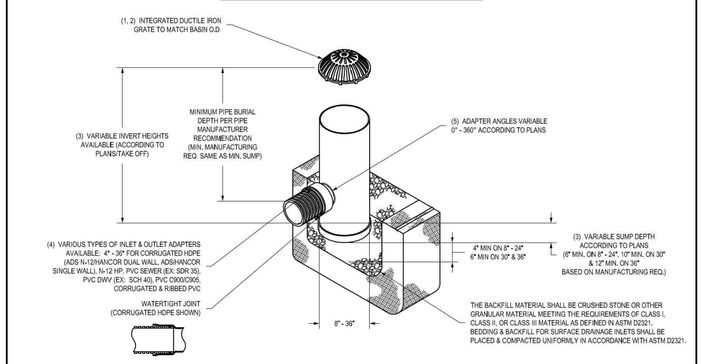


NOTES:
THIS DETAIL REPRESENTS A MODIFICATION OF A STANDARD STORM MANHOLE FOR USE IN CONTROLLING THE DISCHARGE FROM THE DETENTION AREA. SEE THE MANHOLE DETAIL FOR STANDARD DIMENSIONS AND NOTES.

OUTLET CONTROL STRUCTURE FOR UNDERGROUND DETENTION SYSTEM 3 (MH 4)

SCALE: ½"=1'

NYLOPLAST DRAIN BASIN WITH DOME GRATE



1 - 8" - 30" DOME GRATES SHALL BE DUCTILE IRON PER ASTM A536 GRADE 70-50-05.
2 - 8" & 10" DOME GRATES FIT ONTO THE DRAIN BASINS WITH THE USE OF A PVC BODY TOP. SEE DRAWING NO. 7001-110-045.
3 - DRAIN BASIN TO BE CUSTOM MANUFACTURED ACCORDING TO PLAN DETAILS. RISERS ARE NEEDED FOR BASINS OVER 84" DUE TO SHIPPING RESTRICTIONS. SEE DRAWING NO. 7001-110-065.
4 - DRAINAGE CONNECTION STUB JOINT TIGHTNESS SHALL CONFORM TO ASTM D3212 FOR CORRUGATED HDPE (ADS N-12/HANCOR DUAL WALL), N-12 HP, & PVC SEWER (4" - 36").
5 - ADAPTERS CAN BE MOUNTED ON ANY ANGLE 0° TO 360°. TO DETERMINE MINIMUM ANGLE BETWEEN ADAPTERS SEE DRAWING NO. 7001-115-012.
6 - 8" - 30" DOME GRATES HAVE NO LOAD RATING.

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DRAWN BY	EBC	MATERIAL	
DATE	03-25-10		
REVISED BY	MWH	PROJECT NO./NAME	
DATE	06-12-19		
DWG SIZE	A	SCALE 1:40	SHEET 1 OF 1

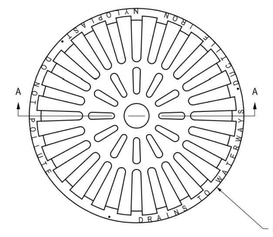
ADS Nyloplast
3126 VERONA AVE
BUFORD, GA 30518
PHN (770) 932-2443
FAX (770) 932-2490
www.nyloplast-us.com

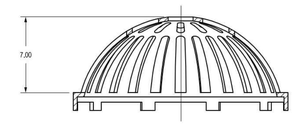
TITLE
DRAIN BASIN WITH DOME GRATE
QUICK SPEC INSTALLATION DETAIL

DWG NO. 7001-110-397 REV E

1899CGD

APPROX. DRAIN AREA = 175.59 SQ IN
APPROX. WEIGHT = 32.00 LBS





SECTION A-A

DIMENSIONS ARE FOR REFERENCE ONLY
ACTUAL DIMENSIONS MAY VARY
DIMENSIONS ARE IN INCHES
QUALITY: MATERIALS SHALL CONFORM TO ASTM A536 GRADE 70-50-05
PAINT: CASTINGS ARE FURNISHED WITH A BLACK PAINT
LOCKING DEVICE AVAILABLE UPON REQUEST

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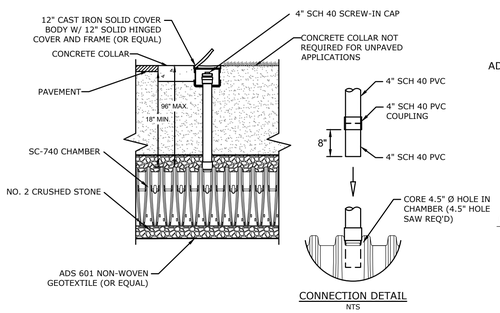
DRAWN BY	EBC	MATERIAL	DUCTILE IRON
DATE	03-08-06		
REVISED BY	CCA	PROJECT NO./NAME	
DATE	08-30-13		
DWG SIZE	A	SCALE 1:6	SHEET 1 OF 1

ADS Nyloplast
3126 VERONA AVE
BUFORD, GA 30518
PHN (770) 932-2443
FAX (770) 932-2490
www.nyloplast-us.com

TITLE
18 IN DOME GRATE

DWG NO. 7001-110-215 REV E

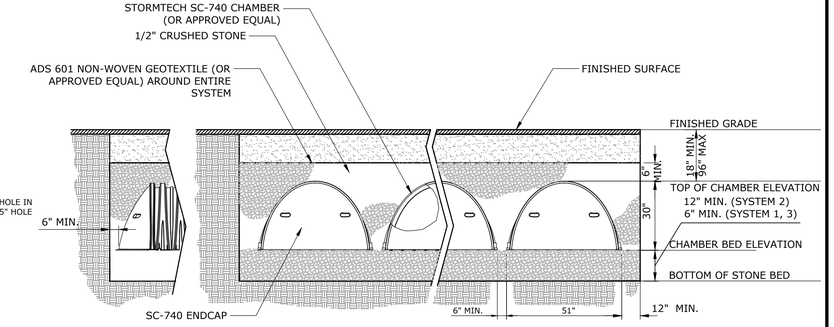


CONNECTION DETAIL
NTS

NOTES:
1. INSPECTION PORTS SHALL HAVE H-20 TRAFFIC BEARING FRAMES AND COVERS
2. INSPECTION PORT MUST BE CONNECTED THROUGH KNOCK-OUT LOCATED AT CENTER OF CHAMBER.
3. ALL SCHEDULE 40 FITTINGS TO BE SOLVENT CEMENTED.

STORMTECH SC-740 TYPICAL INSPECTION PORT DETAIL

NOT TO SCALE



NOTE:
THE INSTALLED CHAMBER SYSTEM SHALL PROVIDE THE LOAD FACTORS SPECIFIED IN THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS SECTION 12.12 FOR EARTH AND LIVE LOADS, WITH CONSIDERATION FOR IMPACT AND MULTIPLE VEHICLE PRESENCES.

STORMTECH SC-740 TYPICAL CROSS SECTION DETAIL

NOT TO SCALE

INSPECTION & MAINTENANCE

STEP 1) INSPECT ISOLATOR ROW PLUS FOR SEDIMENT
- A. INSPECTION PORTS (IF PRESENT)
  - A.1. REMOVE/OPEN LID ON NYLOPLAST INLINE DRAIN
  - A.2. REMOVE AND CLEAN FLEXSTORM FILTER IF INSTALLED
  - A.3. USING A FLASHLIGHT AND STADIA ROD, MEASURE DEPTH OF SEDIMENT AND RECORD ON MAINTENANCE LOG
  - A.4. LOWER A CAMERA INTO ISOLATOR ROW PLUS FOR VISUAL INSPECTION OF SEDIMENT LEVELS (OPTIONAL)
  - A.5. IF SEDIMENT IS AT, OR ABOVE, 3" (80 mm) PROCEED TO STEP 2. IF NOT, PROCEED TO STEP 3.
- B. ALL ISOLATOR PLUS ROWS
  - B.1. REMOVE COVER FROM STRUCTURE AT UPSTREAM END OF ISOLATOR ROW PLUS
  - B.2. USING A FLASHLIGHT, INSPECT DOWN THE ISOLATOR ROW PLUS THROUGH OUTLET PIPE
    - i) MIRRORS ON POLES OR CAMERAS MAY BE USED TO AVOID A CONFINED SPACE ENTRY
    - ii) FOLLOW OSHA REGULATIONS FOR CONFINED SPACE ENTRY IF ENTERING MANHOLE
  - B.3. IF SEDIMENT IS AT, OR ABOVE, 3" (80 mm) PROCEED TO STEP 2. IF NOT, PROCEED TO STEP 3.

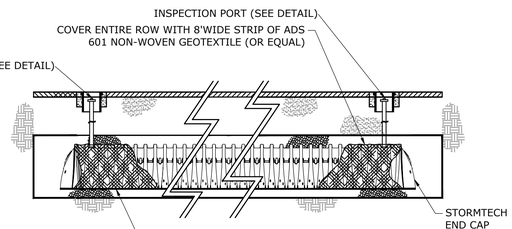
STEP 2) CLEAN OUT ISOLATOR ROW PLUS USING THE JETVAC PROCESS
- A. A FIXED CULVERT CLEANING NOZZLE WITH REAR FACING SPREAD OF 45° (1.1 m) OR MORE IS PREFERRED
- B. APPLY MULTIPLE PASSES OF JETVAC UNTIL BACKFLUSH WATER IS CLEAN
- C. VACUUM STRUCTURE SUMP AS REQUIRED

STEP 3) REPLACE ALL COVERS, GRATES, FILTERS, AND LIDS; RECORD OBSERVATIONS AND ACTIONS.

STEP 4) INSPECT AND CLEAN BASINS AND MANHOLES UPSTREAM OF THE STORMTECH SYSTEM.

NOTES

1. INSPECT EVERY 6 MONTHS DURING THE FIRST YEAR OF OPERATION. ADJUST THE INSPECTION INTERVAL BASED ON PREVIOUS OBSERVATIONS OF SEDIMENT ACCUMULATION AND HIGH WATER ELEVATIONS.
2. CONDUCT JETTING AND VACTORING ANNUALLY OR WHEN INSPECTION SHOWS THAT MAINTENANCE IS NECESSARY.



STORMTECH SC-740 ISOLATOR ROW DETAIL

NOT TO SCALE

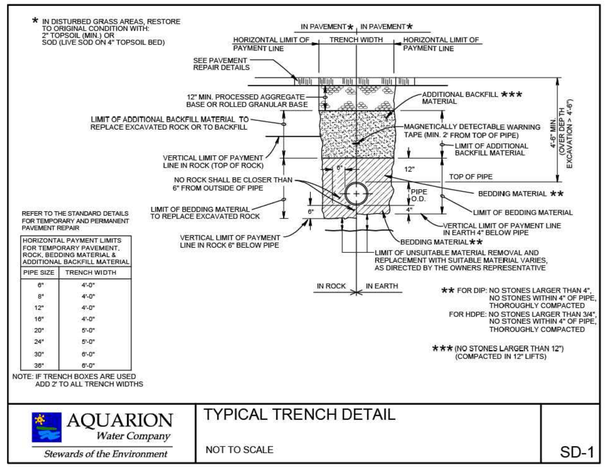
SLR
99 REALTY DRIVE
CANTON, CT 06410
203.271.1773
SLRCONSULTING.COM

DESCRIPTION	DATE	BY
PEER REVIEW COMMENTS	1/09/2024	AWG
PEER REVIEW COMMENTS	2/13/2024	AWG

SITE DETAILS
PROPOSED MULTI-FAMILY DEVELOPMENT
131 DANBURY ROAD
WILTON, CONNECTICUT

AWG	AWG	TD
DESIGNED	DRAWN	CHECKED

SCALE: AS NOTED
DATE: OCTOBER 23, 2023
PROJECT NO.: 21543.00001
SHEET NO.: 15 OF 24
SHEET NAME: SD-5

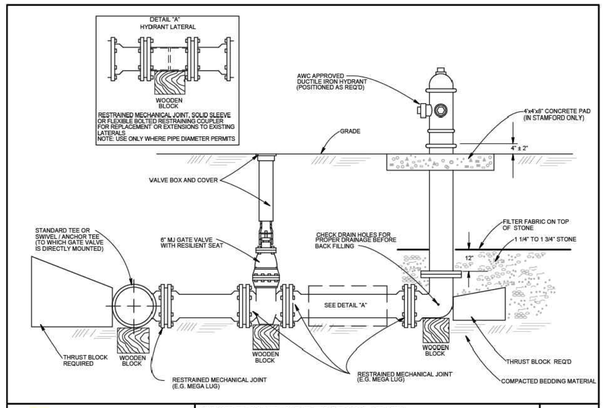


AQUARION Water Company — Stewards of the Environment

TYPICAL TRENCH DETAIL

NOT TO SCALE

SD-1

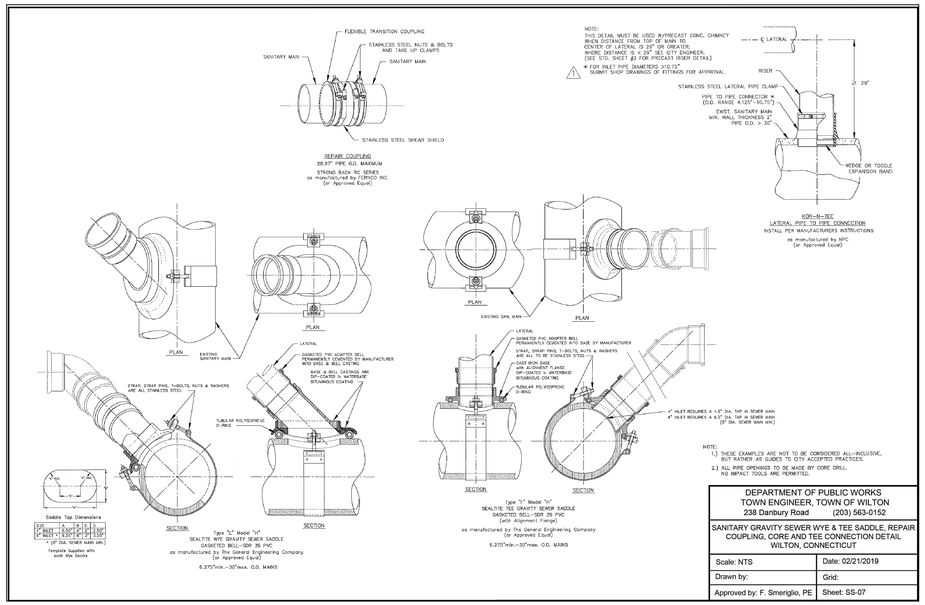


AQUARION Water Company — Stewards of the Environment

HYDRANT ASSEMBLY (DIP)

NOT TO SCALE

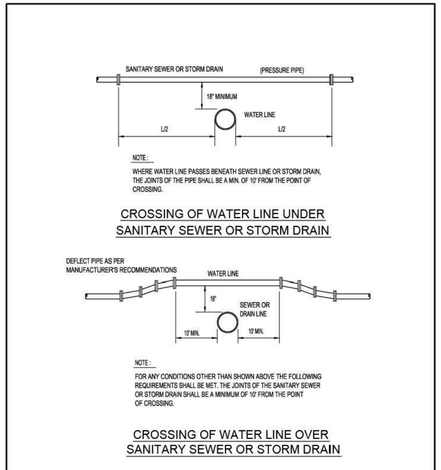
SD-8



DEPARTMENT OF PUBLIC WORKS
TOWN ENGINEER, TOWN OF WILTON
238 Danbury Road (203) 563-0152

SANITARY GRAVITY SEWER WYE & TEE SADDLE, REPAIR COUPLING, CORE AND TEE CONNECTION DETAIL WILTON, CONNECTICUT

Scale: NTS | Date: 02/21/2019
Drawn by: | Grid:
Approved by: F. Smeriglio, PE | Sheet: SS-07

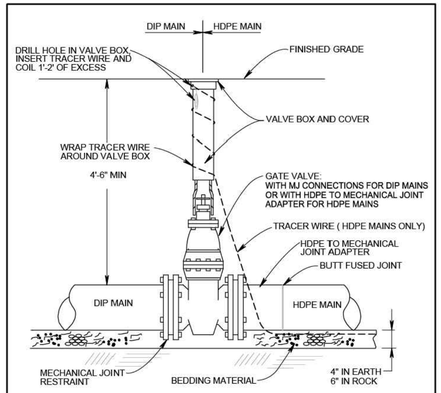


AQUARION Water Company — Stewards of the Environment

PIPE INSTALLATION
CROSSING SANITARY/STORM SEWER

NOT TO SCALE

SD-18

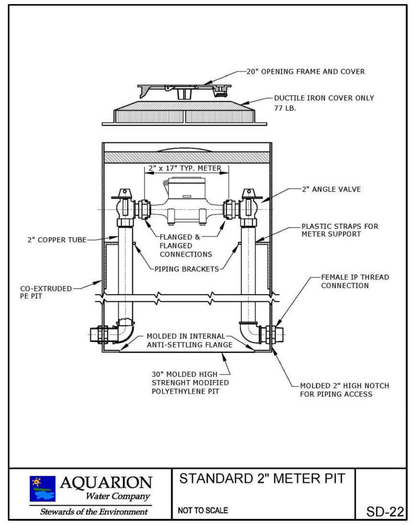


AQUARION Water Company — Stewards of the Environment

GATE VALVE

NOT TO SCALE

SD-2

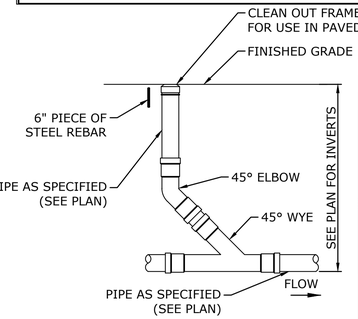


AQUARION Water Company — Stewards of the Environment

STANDARD 2" METER PIT

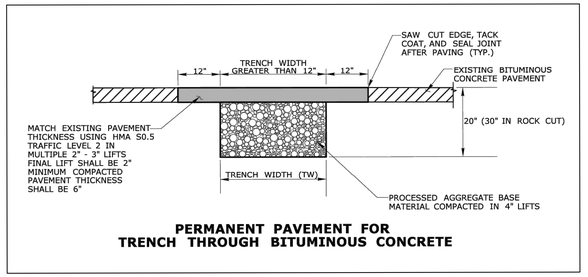
NOT TO SCALE

SD-22



SANITARY CLEANOUT DETAIL

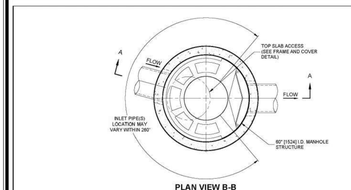
NOT TO SCALE



PERMANENT PAVEMENT FOR TRENCH THROUGH BITUMINOUS CONCRETE

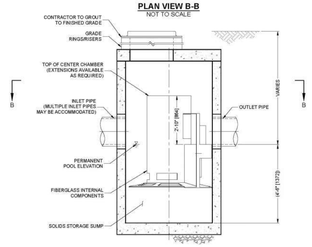
CTDOT TRENCH REPAIR DETAIL

NOT TO SCALE



PLAN VIEW B-B

NOT TO SCALE



ELEVATION A-A

NOT TO SCALE

CASCADE separator®

FRAME AND COVER
(DIAMETER VARIES)
NOT TO SCALE

CASCADE SEPARATOR DESIGN NOTES

THE STANDARD CS-5 CONFIGURATION IS SHOWN. ALTERNATE CONFIGURATIONS ARE AVAILABLE AND ARE LISTED BELOW. SOME CONFIGURATIONS MAY BE COMBINED TO SUIT SITE REQUIREMENTS.

CONFIGURATION DESCRIPTION
GRATED INLET ONLY (NO INLET PIPE)
GRATED INLET WITH INLET PIPE OR PIPES
CURB INLET ONLY (NO INLET PIPE)
CURB INLET WITH INLET PIPE OR PIPES

SITE SPECIFIC DATA REQUIREMENTS

STRUCTURE ID			
WATER QUALITY FLOW RATE (cfs or L/s)			
PEAK FLOW RATE (cfs or L/s)			
RETURN PERIOD OF PEAK FLOW (yrs)			
RIM ELEVATION			
PIPE DATA:	INVERT	MATERIAL	DIAMETER
INLET PIPE 1			
INLET PIPE 2			
OUTLET PIPE			

NOTES / SPECIAL REQUIREMENTS:

GENERAL NOTES
1. CONTECH TO PROVIDE ALL MATERIALS UNLESS NOTED OTHERWISE.
2. FOR SITE SPECIFIC DRAWINGS WITH DETAILED STRUCTURE DIMENSIONS AND WEIGHT, PLEASE CONTACT YOUR CONTECH ENGINEERED SOLUTIONS LLC REPRESENTATIVE, www.contechES.com
3. CASCADE SEPARATOR WATER QUALITY STRUCTURE SHALL BE IN ACCORDANCE WITH ALL DESIGN DATA AND INFORMATION CONTAINED IN THIS DRAWING. CONTRACTOR TO CONFIRM STRUCTURE MEETS REQUIREMENTS OF PROJECT.
4. CASCADE SEPARATOR STRUCTURE SHALL MEET AASHTO HS20 LOAD RATING, ASSUMING EARTH COVER OF 0' - 2' [610], AND GROUNDWATER ELEVATION AT, OR BELOW, THE OUTLET PIPE INVERT ELEVATION. ENGINEER OF RECORD TO CONFIRM ACTUAL GROUNDWATER ELEVATION.
5. CASCADE SEPARATOR STRUCTURE SHALL BE PRECAST CONCRETE CONFORMING TO ASTM C478 AND AASHTO LOAD FACTOR DESIGN METHOD.
6. ALTERNATE UNITS ARE SHOWN IN MILLIMETERS [mm].

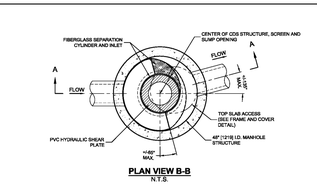
INSTALLATION NOTES
A. ANY SUB-BASE, BACKFILL DEPTH, AND/OR ANTI-FLOTATION PROVISIONS ARE SITE-SPECIFIC DESIGN CONSIDERATIONS AND SHALL BE SPECIFIED BY ENGINEER OF RECORD.
B. CONTRACTOR TO PROVIDE EQUIPMENT WITH SUFFICIENT LIFTING AND REACH CAPACITY TO LIFT AND SET THE CASCADE SEPARATOR STRUCTURE.
C. CONTRACTOR TO INSTALL JOINT SEALANT BETWEEN ALL STRUCTURE SECTIONS AND ASSEMBLE STRUCTURE.
D. CONTRACTOR TO PROVIDE, INSTALL, AND GROUT INLET AND OUTLET PIPE(S). MATCH PIPE INVERTS WITH ELEVATIONS SHOWN. ALL PIPE CENTERLINES TO MATCH PIPE OPENING CENTERLINES.
E. CONTRACTOR TO TAKE APPROPRIATE MEASURES TO ASSURE UNIT IS WATER TIGHT, HOLDING WATER TO FLOWLINE INVERT MINIMUM. IT IS SUGGESTED THAT ALL JOINTS BELOW PIPE INVERTS ARE GROUTED.

CONTECH ENGINEERED SOLUTIONS LLC
www.contechES.com
800-338-1122 513-645-7000 513-645-7993 FAX

CS-5
CASCADE SEPARATOR
STANDARD DETAIL

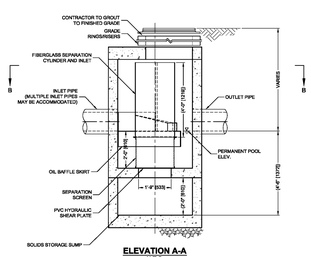
CONTECH CASCADE CS-5 OR APPROVED EQUAL

NOT TO SCALE



PLAN VIEW B-B

N.T.S.



ELEVATION A-A

N.T.S.

CDS

FRAME AND COVER
(DIAMETER VARIES)
N.T.S.

CDS2015-4-C DESIGN NOTES

THE STANDARD CDS2015-4-C CONFIGURATION IS SHOWN. ALTERNATE CONFIGURATIONS ARE AVAILABLE AND ARE LISTED BELOW. SOME CONFIGURATIONS MAY BE COMBINED TO SUIT SITE REQUIREMENTS.

CONFIGURATION DESCRIPTION
GRATED INLET ONLY* (NO INLET PIPE)
GRATED INLET WITH INLET PIPE OR PIPES
CURB INLET ONLY (NO INLET PIPE)
CURB INLET WITH INLET PIPE OR PIPES
SEPARATE OIL BAFFLE (SINGLE INLET PIPE REQUIRED FOR THIS CONFIGURATION)
SEDIMENT WEIR FOR NJDEP / NJCAT CONFORMING UNITS

SITE SPECIFIC DATA REQUIREMENTS

STRUCTURE ID		
WATER QUALITY FLOW RATE (CFS OR L/s)		*
PEAK FLOW RATE (CFS OR L/s)		*
RETURN PERIOD OF PEAK FLOW (YRS)		*
SCREEN APERTURE (2400 OR 4700)		*

PIPE DATA:	I.E.	MATERIAL	DIAMETER
INLET PIPE 1	*	*	*
INLET PIPE 2	*	*	*
OUTLET PIPE	*	*	*

RIM ELEVATION *

ANTI-FLOTATION BALLAST	WIDTH	HEIGHT
	*	*

NOTES/SPECIAL REQUIREMENTS:

* PER ENGINEER OF RECORD

GENERAL NOTES
1. CONTECH TO PROVIDE ALL MATERIALS UNLESS NOTED OTHERWISE.
2. FOR SITE SPECIFIC DRAWINGS WITH DETAILED STRUCTURE DIMENSIONS AND WEIGHT, PLEASE CONTACT YOUR CONTECH ENGINEERED SOLUTIONS LLC REPRESENTATIVE, www.contechES.com
3. CDS WATER QUALITY STRUCTURE SHALL BE IN ACCORDANCE WITH ALL DESIGN DATA AND INFORMATION CONTAINED IN THIS DRAWING.
4. STRUCTURE SHALL MEET AASHTO HS20 AND CASTINGS SHALL MEET H20 (AASHTO M 306) LOAD RATING, ASSUMING GROUNDWATER ELEVATION AT, OR BELOW, THE OUTLET PIPE INVERT ELEVATION. ENGINEER OF RECORD TO CONFIRM ACTUAL GROUNDWATER ELEVATION.
5. PVC HYDRAULIC SHEAR PLATE IS PLACED ON SHELF AT BOTTOM OF SCREEN CYLINDER. REMOVE AND REPLACE AS NECESSARY DURING MAINTENANCE CLEANING.

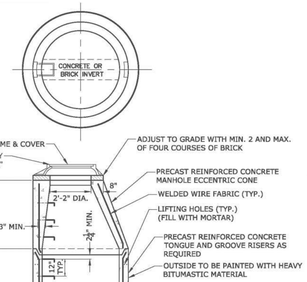
INSTALLATION NOTES
A. ANY SUB-BASE, BACKFILL DEPTH, AND/OR ANTI-FLOTATION PROVISIONS ARE SITE-SPECIFIC DESIGN CONSIDERATIONS AND SHALL BE SPECIFIED BY ENGINEER OF RECORD.
B. CONTRACTOR TO PROVIDE EQUIPMENT WITH SUFFICIENT LIFTING AND REACH CAPACITY TO LIFT AND SET THE CDS MANHOLE STRUCTURE (LIFTING CLUTCHES PROVIDED).
C. CONTRACTOR TO INSTALL JOINT SEALANT BETWEEN ALL STRUCTURE SECTIONS AND ASSEMBLE STRUCTURE.
D. CONTRACTOR TO PROVIDE, INSTALL, AND GROUT PIPES. MATCH PIPE INVERTS WITH ELEVATIONS SHOWN.
E. CONTRACTOR TO TAKE APPROPRIATE MEASURES TO ASSURE UNIT IS WATER TIGHT, HOLDING WATER TO FLOWLINE INVERT MINIMUM. IT IS SUGGESTED THAT ALL JOINTS BELOW PIPE INVERTS ARE GROUTED.

CONTECH ENGINEERED SOLUTIONS LLC
www.contechES.com
8025 Centre Park Dr., Suite 460, West Chester, OH 45069
800-338-1122 513-645-7000 513-645-7993 FAX

CDS2015-4-C
INLINE CDS
STANDARD DETAIL

CONTECH CDS 2015-4-C OR APPROVED EQUAL

NOT TO SCALE



5' OR 6' DIA. PRECAST BASES MAY BE USED WHEN REQUIRED DUE TO SIZE OR NUMBER OF PIPES AT THE MANHOLE. PRECAST REDUCERS WILL BE PLACED ABOVE THE 5' & 6' BASES AS DIRECTED BY THE ENGINEER. WALL THICKNESS TO INCREASE 1" FOR EACH 1' OF INSIDE DIAMETER INCREASE.

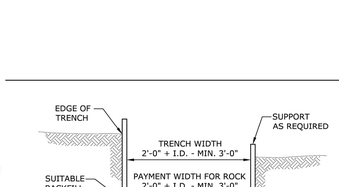
PRECAST SANITARY MANHOLE

NO SCALE

DEPARTMENT OF PUBLIC WORKS
TOWN ENGINEER, TOWN OF WILTON
238 Danbury Road (203) 563-0152

PRECAST SANITARY MANHOLE DETAIL WILTON, CONNECTICUT

Scale: NTS | Date: 02/21/2019
Drawn by: | Grid:
Approved by: F. Smeriglio, PE | Sheet: SS-05



TYPICAL SANITARY SEWER TRENCH SECTION

NO SCALE

DEPARTMENT OF PUBLIC WORKS
TOWN ENGINEER, TOWN OF WILTON
238 Danbury Road (203) 563-0152

TYPICAL SANITARY SEWER TRENCH SECTION DETAIL WILTON, CONNECTICUT

Scale: NTS | Date: 02/21/2019
Drawn by: | Grid:
Approved by: F. Smeriglio, PE | Sheet: SS-03

SLR

99 REALTY DRIVE
CHESHIRE, CT 06410
203.271.1773
SLRCONSULTING.COM

DESCRIPTION	DATE	BY
WPCA REVISIONS	11/14/2023	AWG
PEER REVIEW COMMENTS	1/08/2024	AWG
PEER REVIEW COMMENTS	2/13/2024	AWG

SITE DETAILS

PROPOSED MULTI-FAMILY DEVELOPMENT

131 DANBURY ROAD
WILTON, CONNECTICUT

AWG	AWG	TD
DESIGNED	DRAWN	CHECKED

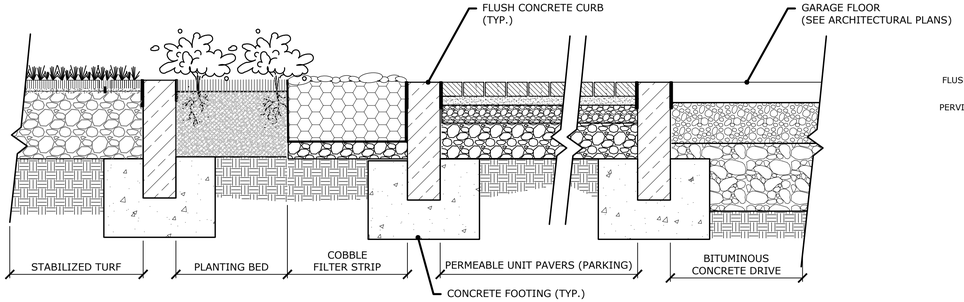
SCALE: AS NOTED

DATE: OCTOBER 23, 2023

PROJECT NO.: 21543.00001

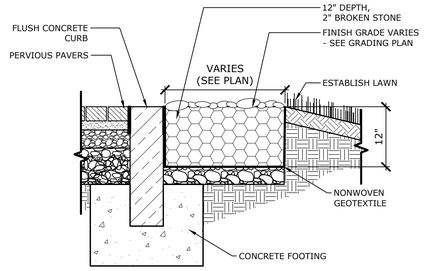
SHEET NO.: 16 OF 24

SHEET NAME: SD-6



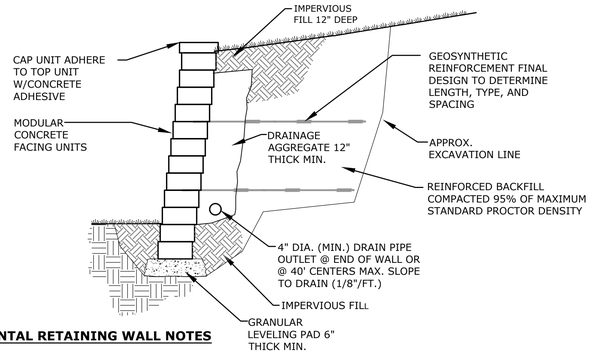
SECTION

REAR OF BUILDING FLUSH CURB CONDITIONS



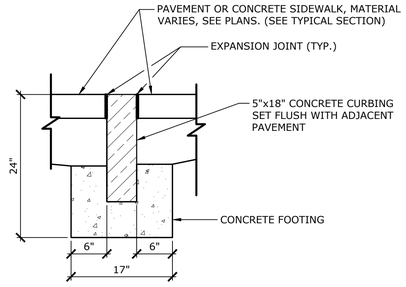
COBBLE FILTER STRIP

NOT TO SCALE



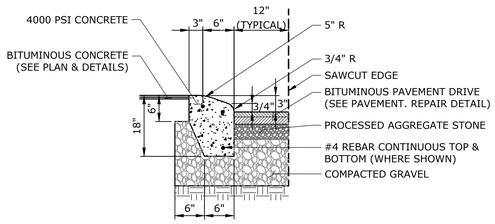
SEGMENTAL RETAINING WALL NOTES

1. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE EXTERNAL STABILITY OF THE WALL, INCLUDING BEARING CAPACITY AND SLOPE STABILITY, ARE PROPERLY REVIEWED AND EVALUATED BY A LICENSED PROFESSIONAL ENGINEER. THE WALL DESIGN SHOWN IN THESE DETAILS DOES NOT ADDRESS THE SUFFICIENCY OF THE BEARING CAPACITY NOR THE SLOPE STABILITY OF THE WALL SYSTEM AND SURROUNDING SOIL.
2. LEVELING PAD SHALL CONSIST OF WELL GRADED ROAD BASE AGGREGATE, 3/4" CRUSHED, ANGULAR GRAVEL WITH SOME FINES. CONTRACTOR MAY OPT FOR A LEAN CONCRETE LEVELING PAD. PAD SHALL BE UNREINFORCED LEAN CONCRETE, 200-300 PSI, 3" THICK MAXIMUM. DRAINAGE AGGREGATE SHALL CONSIST OF CLEAN ANGULAR GRAVEL, 3/4" DIAMETER WITH LESS THAN 5% FINES.
3. DRAINAGE PIPE SHALL BE PERFORATED OR SLOTTED PVC OR CORRUGATED HDPE PIPE. REINFORCED BACKFILL SHALL BE FREE OF DEBRIS, ORGANIC SOIL, AND EXPANSIVE SOILS. FOR UNITS TO BE EMBEDDED, COMPACT FILL IN FRONT OF UNITS AT THE SAME TIME FILL BEHIND UNITS IS COMPACTED.
4. COMPACTION SHALL BE TO 95% OF MAXIMUM STANDARD PROCTOR DENSITY. (ASTM D-698) COMPACTION TESTS SHALL BE TAKEN AS THE WALL IS INSTALLED. THE MINIMUM NUMBER OF TESTS SHALL BE DETERMINED BY THE CONTRACTOR'S DESIGN ENGINEER.
5. COMPACTION WITHIN 3FT. OF WALL SHALL BE LIMITED TO HAND OPERATED EQUIPMENT. CONTRACTOR SHALL SLOPE SITE GRADES TO DIRECT SURFACE RUNOFF AWAY FROM WALL AT END OF EACH DAY TO AVOID WATER DAMAGING THE WALL WHILE UNDER CONSTRUCTION. ANY SURFACE DRAINAGE FEATURES, FINISH GRADING, PAVEMENT, OR TURF SHALL BE INSTALLED IMMEDIATELY AFTER WALL IS COMPLETED.
6. TOP OF WALL TO BE SET 6 INCHES ABOVE PROPOSED GRADE AT BACK OF WALL.



FLUSH CONCRETE CURB EDGER

NOT TO SCALE

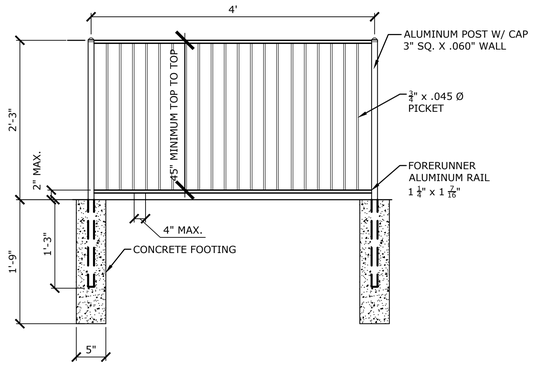


CAPE COD CONCRETE CURB

NOT TO SCALE

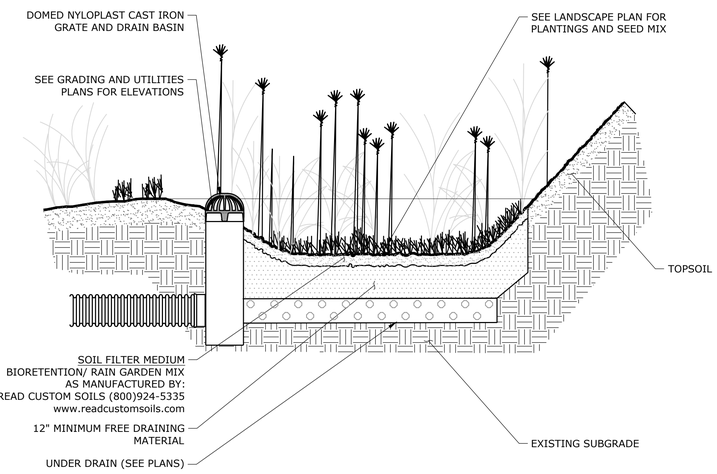
NOTES:

1. SUBMIT SHOP DRAWINGS FOR APPROVAL.
2. FENCE TO BE ASSEMBLED AND INSTALLED AS PER MANUFACTURER SPECIFICATIONS.
3. ALL VERTICAL OPENINGS SHALL BE LESS THAN 4".



ALUMINUM PICKET FENCE

NOT TO SCALE

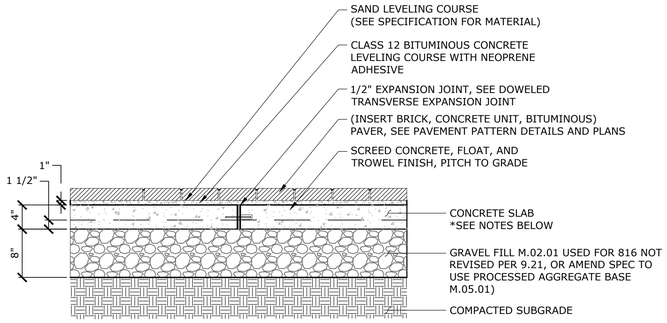


NOTES:

1. BEFORE THE DEVELOPMENT SITE IS GRADED, THE AREA OF THE RAIN GARDENS SHOULD BE ROPED OFF AND FLAGGED TO PREVENT SOIL COMPACTION BY HEAVY EQUIPMENT.
2. SMEARING (EXCESSIVE COMPACTION) OF SOIL AT THE INTERFACE OF THE RAIN GARDEN FLOOR AND SIDES SHOULD BE AVOIDED.
3. THE FLOOR OF THE RAIN GARDEN SHOULD BE RAKED OR DEEP TILLED AFTER FINAL GRADING TO RESTORE INFILTRATION RATES.
4. APPROPRIATE EROSION AND SEDIMENT CONTROLS SHOULD BE UTILIZED DURING CONSTRUCTION, AS WELL AS IMMEDIATELY FOLLOWING CONSTRUCTION, TO STABILIZE THE SOILS IN AND AROUND THE RAIN GARDEN.
5. DO NOT PLACE THE BIORETENTION SYSTEM INTO SERVICE UNTIL THE AREA HAS BEEN PLANTED AND ITS CONTRIBUTING AREAS HAVE BEEN FULLY STABILIZED
6. DO NOT DISCHARGE SEDIMENT-LADEN WATERS FROM CONSTRUCTION ACTIVITIES (RUN-OFF WATER FROM EXCAVATION) TO THE BIORETENTION AREA DURING ANY STAGE OF CONSTRUCTION
7. PERFORM ALL EXCAVATIONS WITH EQUIPMENT POSITIONED OUTSIDE THE LIMITS OF THE RAIN GARDEN.
8. LIGHT EARTH-MOVING EQUIPMENT (BACKHOES OR WHEEL AND LADDER TYPE TRENCHES) SHOULD BE USED TO EXCAVATE RAIN GARDENS. HEAVY EQUIPMENT CAN CAUSE SOIL COMPACTION AND REDUCE INFILTRATION CAPACITY. COMPACTION OF THE INFILTRATION AREA AND SURROUNDING SOILS DURING CONSTRUCTION SHOULD BE AVOIDED.

STORMWATER INFILTRATION RAIN GARDEN

NOT TO SCALE

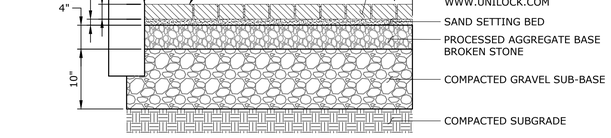


NOTES:

1. PAVERS SHALL BE AS SPECIFIED.
2. EXPANSION JOINTS IN CONCRETE BASE SHALL BE 20' O.C. OR 144 S.F. MAX.
3. CONCRETE BASE SHALL BE SCREEDED WITH A FLOAT FINISH, TROWELED, AND PITCHED TO GRADE.
4. TO BE ACCEPTED, PAVERS SHALL BE INSTALLED IN SUCH A MANNER THAT:
   - 4.1. THE PAVER WALKING SURFACES ARE WITHIN 1/8" OF EACH OTHER AND ADJACENT FINISHED SURFACES (I.E. GRANITE CURB AND CONC. WALK)
   - 4.2. THE PAVERS HAVE NO JOINTS GREATER THAN 1/16"
   - 4.3. SAND SWEPT BETWEEN JOINTS IS VIBRATED AND WITHIN 3/16" OF THE PAVER WALKING SURFACE
   - 4.4. NO PAVER IS CRACKED OR BROKEN
   - 4.5. MASTIC IS NOT VISIBLE BETWEEN PAVERS OR ON ANY PAVER SURFACE
   - 4.6. PAVERS ARE VIBRATED IN PLACE, SECURED AND ADHERED TO THE MASTIC.
5. CONTRACTOR SHALL CONSTRUCT A PAVER SAMPLE PATTERN FOR EACH PATTERN AS SPECIFIED AND APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO AUTHORIZATION TO INSTALL PAVERS.

CONCRETE PAVERS ON 4" CONCRETE SLAB

NOT TO SCALE

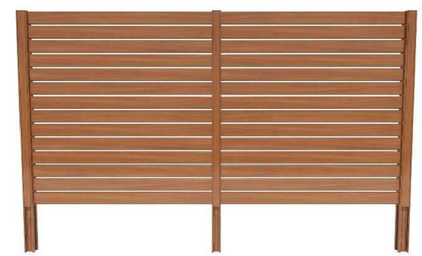


NOTES:

1. CONTRACTOR SHALL PLACE AND FINE GRADE PROCESSED AGGREGATE PRIOR TO PLACING SAND BED. CONTRACTOR SHALL THEN SCREED SAND BED AFTER PLACEMENT AND PRIOR TO SETTING PAVERS. IMPROPER PAVER SECTION WILL WARRANT REPLACEMENT AT THE EXPENSE OF THE CONTRACTOR.
2. CONTRACTOR SHALL PROVIDE A 10'X10' SAMPLE OF THIS SECTION FOR APPROVAL BY LANDSCAPE ARCHITECT PRIOR TO ANY INSTALLATION ASSOCIATED WITH THIS PROJECT. ANY PAVERS INSTALLED PRIOR TO APPROVAL OF THE SAMPLE PANEL BY THE LANDSCAPE ARCHITECT SHALL BE REPLACED AS REQUIRED AT THE EXPENSE OF THE CONTRACTOR AT NO ADDITIONAL COST TO THE PROJECT.

CONCRETE PAVER DRIVEWAY

NOT TO SCALE



KNOTWOOD FENCING
AS MANUFACTURED BY: ALUMARCH.COM (888) 589-9771
STYLE: HORIZONTAL FENCE ASSEMBLY WITH SPACERS
COLOR: STANDARD WOOD GRAIN - WESTERN RED CEDAR

SOLID BOARD PRIVACY FENCE

NOT TO SCALE

SLR
99 REALTY DRIVE
CHESHIRE, CT 06410
203.271.1773
SLRCONSULTING.COM

DESCRIPTION	DATE	BY
WPCA REVISIONS	11/14/2023	AWG
PEER REVIEW COMMENTS	1/08/2024	AWG
PEER REVIEW COMMENTS	2/13/2024	AWG

SITE DETAILS

PROPOSED MULTI-FAMILY DEVELOPMENT

131 DANBURY ROAD
WILTON, CONNECTICUT

AWG	AWG	TD
DESIGNED	DRAWN	CHECKED

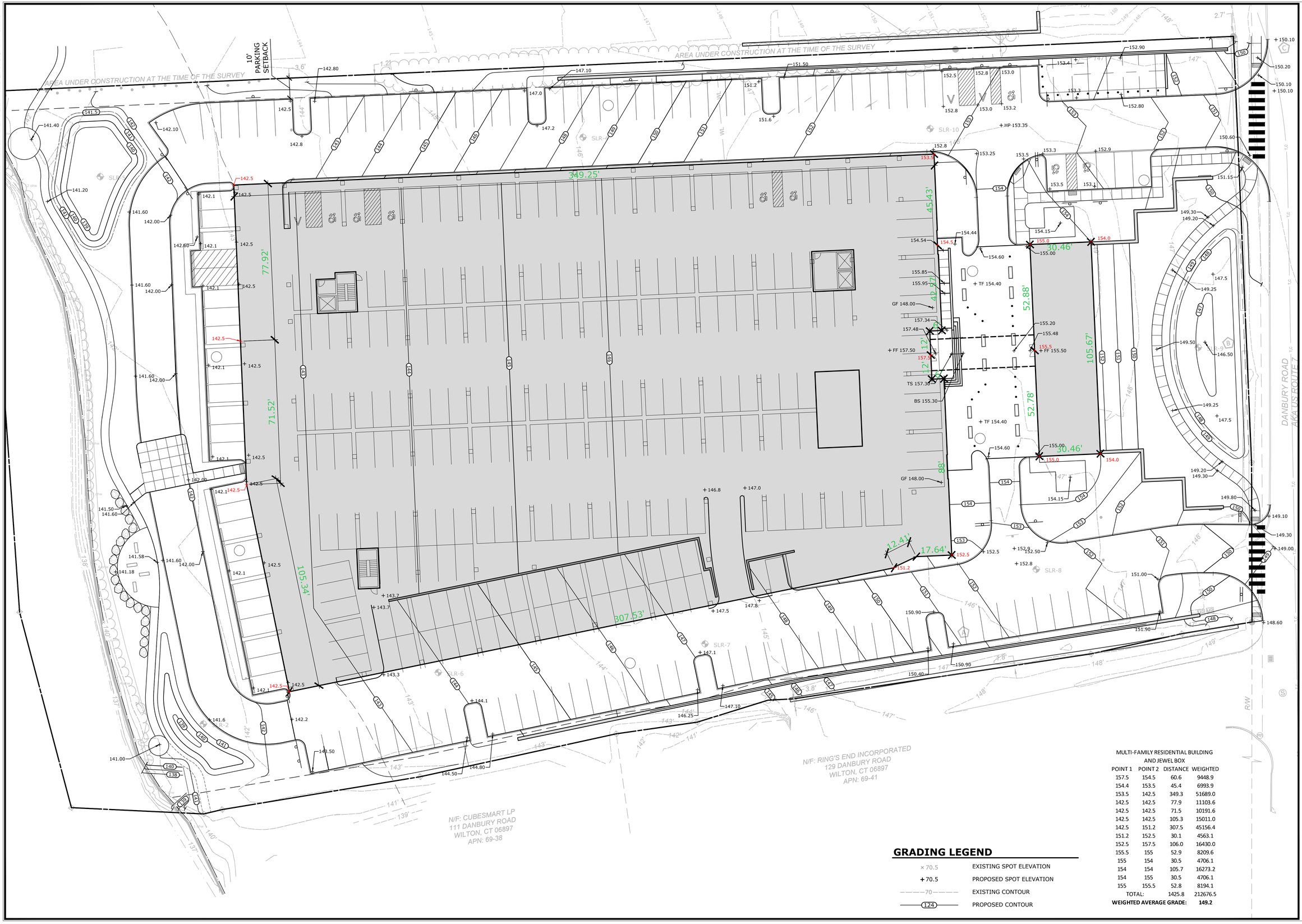
AS NOTED (SCALE)

OCTOBER 23, 2023 (DATE)

21543.00001 (PROJECT NO.)

17 OF 24 (SHEET NO.)

SD-7 (SHEET NAME)



GRADING LEGEND

× 70.5	EXISTING SPOT ELEVATION
+ 70.5	PROPOSED SPOT ELEVATION
——70——	EXISTING CONTOUR
124	PROPOSED CONTOUR

MULTI-FAMILY RESIDENTIAL BUILDING AND JEWEL BOX

POINT 1	POINT 2	DISTANCE	WEIGHTED
157.5	154.5	60.6	9448.9
154.4	153.5	45.4	6993.9
153.5	142.5	349.3	51689.0
142.5	142.5	77.9	11103.6
142.5	142.5	71.5	10191.6
142.5	142.5	105.3	15011.0
142.5	151.2	307.5	45156.4
151.2	152.5	30.1	4563.1
152.5	157.5	106.0	16430.0
155.5	155	52.9	8209.6
155	154	30.5	4706.1
154	154	105.7	16273.2
154	155	30.5	4706.1
155	155.5	52.8	8194.1
TOTAL:		1425.8	212676.5
WEIGHTED AVERAGE GRADE:			**149.2**

SLR
99 REALTY DRIVE
CHESHIRE, CT 06410
203.271.1773
SLRCONSULTING.COM

DESCRIPTION	DATE	BY
PAZ SUBMISSION	11/27/2023	AWG
PEER REVIEW COMMENTS	2/15/2024	RH

COMBINED AVERAGE BUILDING GRADE

PROPOSED MULTI-FAMILY DEVELOPMENT

131 DANBURY ROAD
WILTON, CONNECTICUT

AWG	AWG	TD
DESIGNED	DRAWN	CHECKED

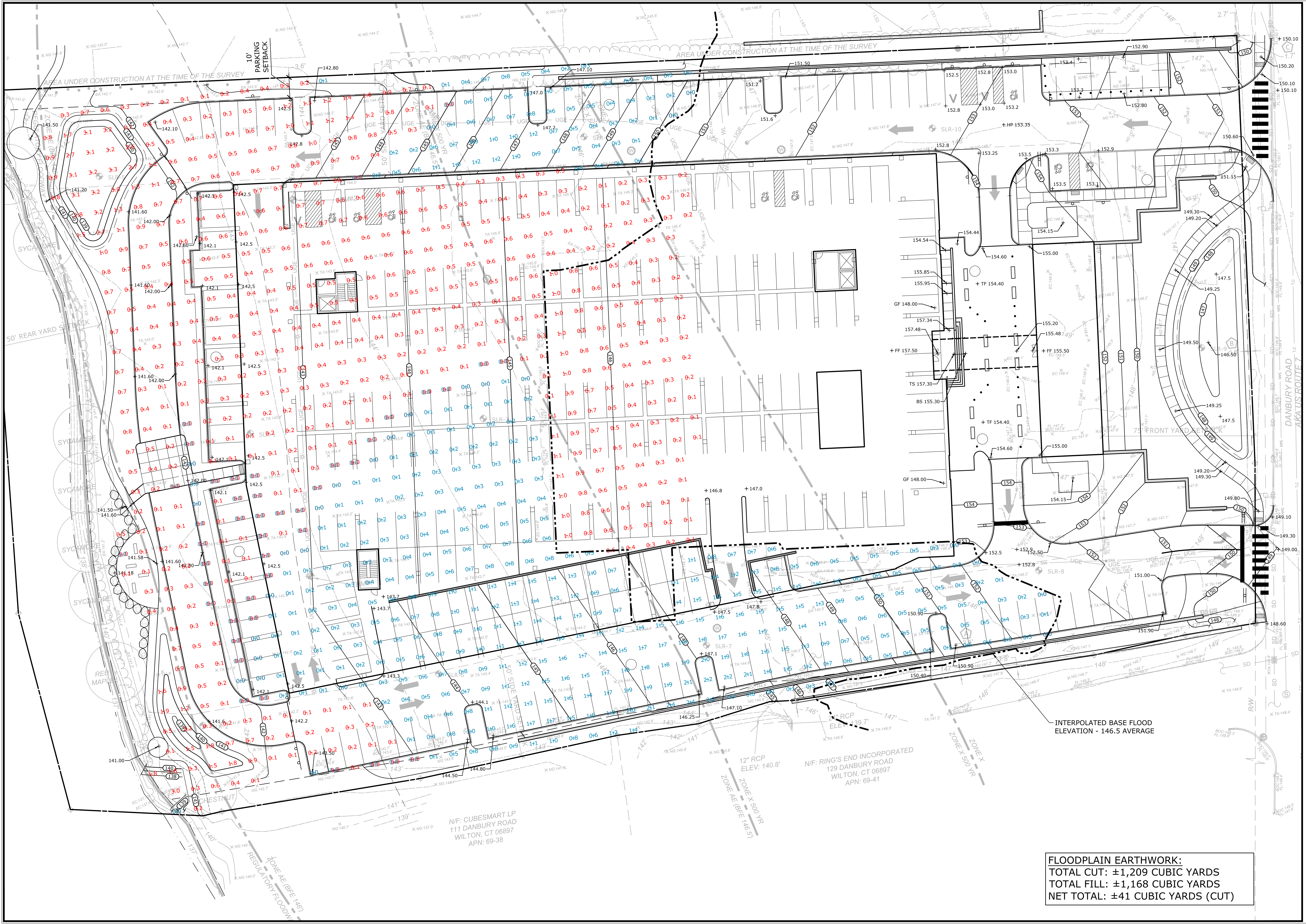
1"=20'
SCALE

OCTOBER 23, 2023
DATE

21543.00001
PROJECT NO.

18 OF 24
SHEET NO.

ABG
SHEET NAME



FLOODPLAIN EARTHWORK:
TOTAL CUT: ±1,209 CUBIC YARDS
TOTAL FILL: ±1,168 CUBIC YARDS
NET TOTAL: ±41 CUBIC YARDS (CUT)

SLR
99 REALTY DRIVE
CHESHIRE, CT 06410
203.271.1773
SLRCONSULTING.COM

DESCRIPTION	DATE	BY
P&Z SUBMISSION	11/27/2023	AWG
PEER REVIEW COMMENTS	2/13/2024	AWG

INTERPOLATED FLOODPLAIN EARTHWORK

PROPOSED MULTI-FAMILY DEVELOPMENT

131 DANBURY ROAD
WILTON, CONNECTICUT

DESIGNED	DRAWN	CHECKED
AWG	AWG	TD

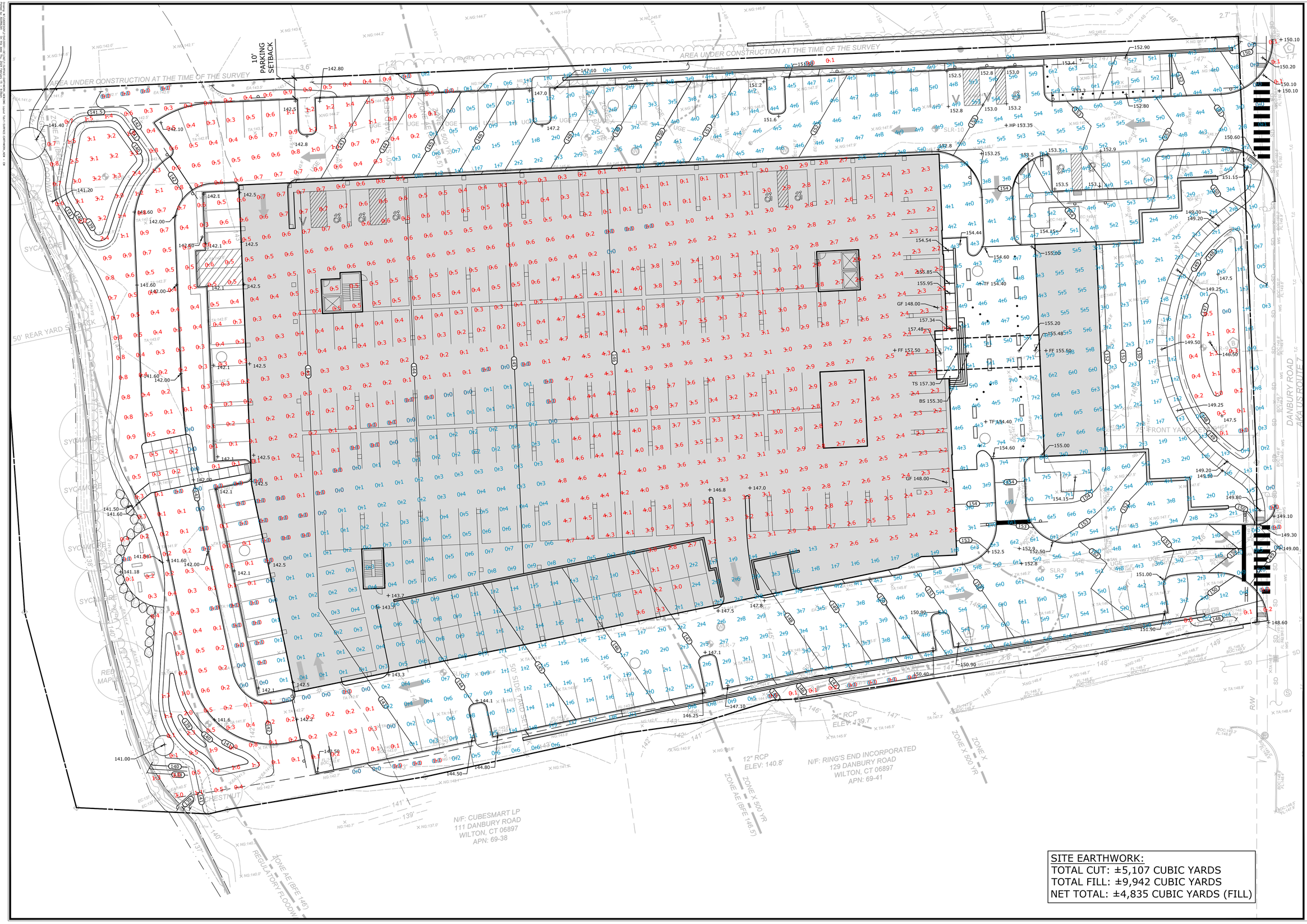
SCALE: 1"=20'

DATE: OCTOBER 23, 2023

PROJECT NO.: 21543.00001

SHEET NO.: 19 OF 24

SHEET NAME: IFP



SITE EARTHWORK:
TOTAL CUT: ±5,107 CUBIC YARDS
TOTAL FILL: ±9,942 CUBIC YARDS
NET TOTAL: ±4,835 CUBIC YARDS (FILL)

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CHESHIRE, CT 06410
203.271.1773
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DESCRIPTION	DATE	BY
PAZ SUBMISSION	11/27/2023	AWG
PEER REVIEW COMMENTS	2/13/2024	AWG

PROPOSED SITE EARTHWORK

PROPOSED MULTI-FAMILY DEVELOPMENT

131 DANBURY ROAD
WILTON, CONNECTICUT

DESIGNED	DRAWN	CHECKED
AWG	AWG	TD

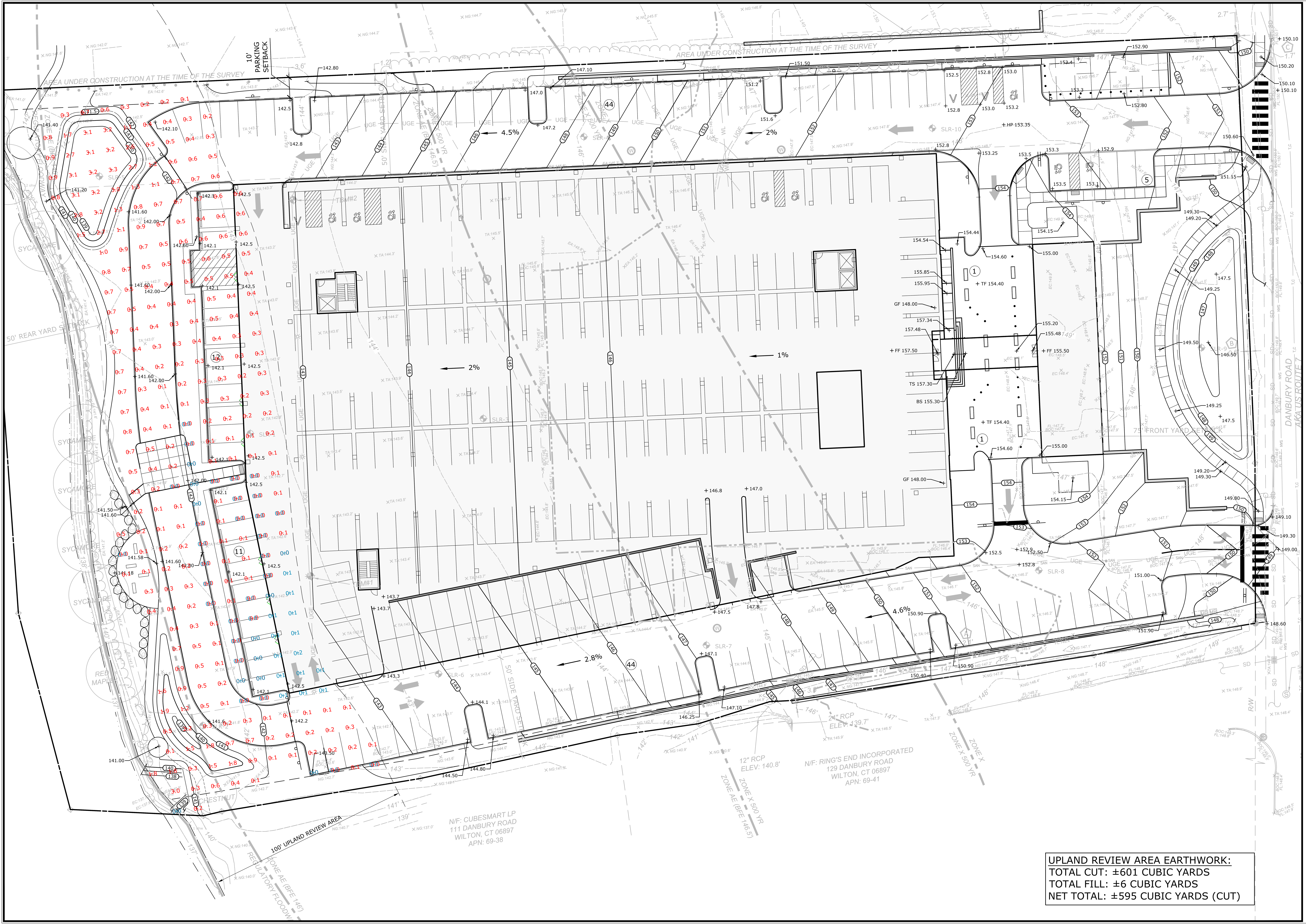
SCALE: 1"=20'

DATE: OCTOBER 23, 2023

PROJECT NO.: 21543.00001

SHEET NO.: 20 OF 24

SHEET NAME: EW



AREA UNDER CONSTRUCTION AT THE TIME OF THE SURVEY
10' PARKING SETBACK
50' REAR YARD SETBACK
50' SIDE YARD SETBACK
75' FRONT YARD SETBACK
100' UPLAND REVIEW AREA
REGULATORY FLOODWAY
ZONE AE (BFE 146.5')
ZONE X 500 YR
ZONE X
DANBURY ROAD AKA US ROUTE 7
N/F: CUBESMART LP
111 DANBURY ROAD
WILTON, CT 06897
APN: 69-38
N/F: RING'S END INCORPORATED
129 DANBURY ROAD
WILTON, CT 06897
APN: 69-41
12" RCP
ELEV: 140.8'
24" RCP
ELEV: 139.7'
SYCAMORE
RED MAPLE
CHESTNUT
4.5%
2%
1%
2.8%
4.6%

UPLAND REVIEW AREA EARTHWORK:
TOTAL CUT: ±601 CUBIC YARDS
TOTAL FILL: ±6 CUBIC YARDS
NET TOTAL: ±595 CUBIC YARDS (CUT)

DESCRIPTION	DATE	BY
PEER REVIEW COMMENTS	2/13/2024	AWG

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CHESHIRE, CT 06410
203.271.1773
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UPLAND REVIEW AREA EARTHWORK

PROPOSED MULTI-FAMILY DEVELOPMENT

131 DANBURY ROAD
WILTON, CONNECTICUT

AWG	AWG	TD
DESIGNED	DRAWN	CHECKED

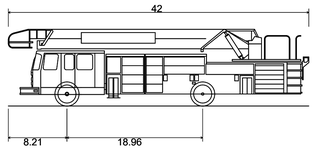
SCALE: 1"=20'

DATE: OCTOBER 23, 2023

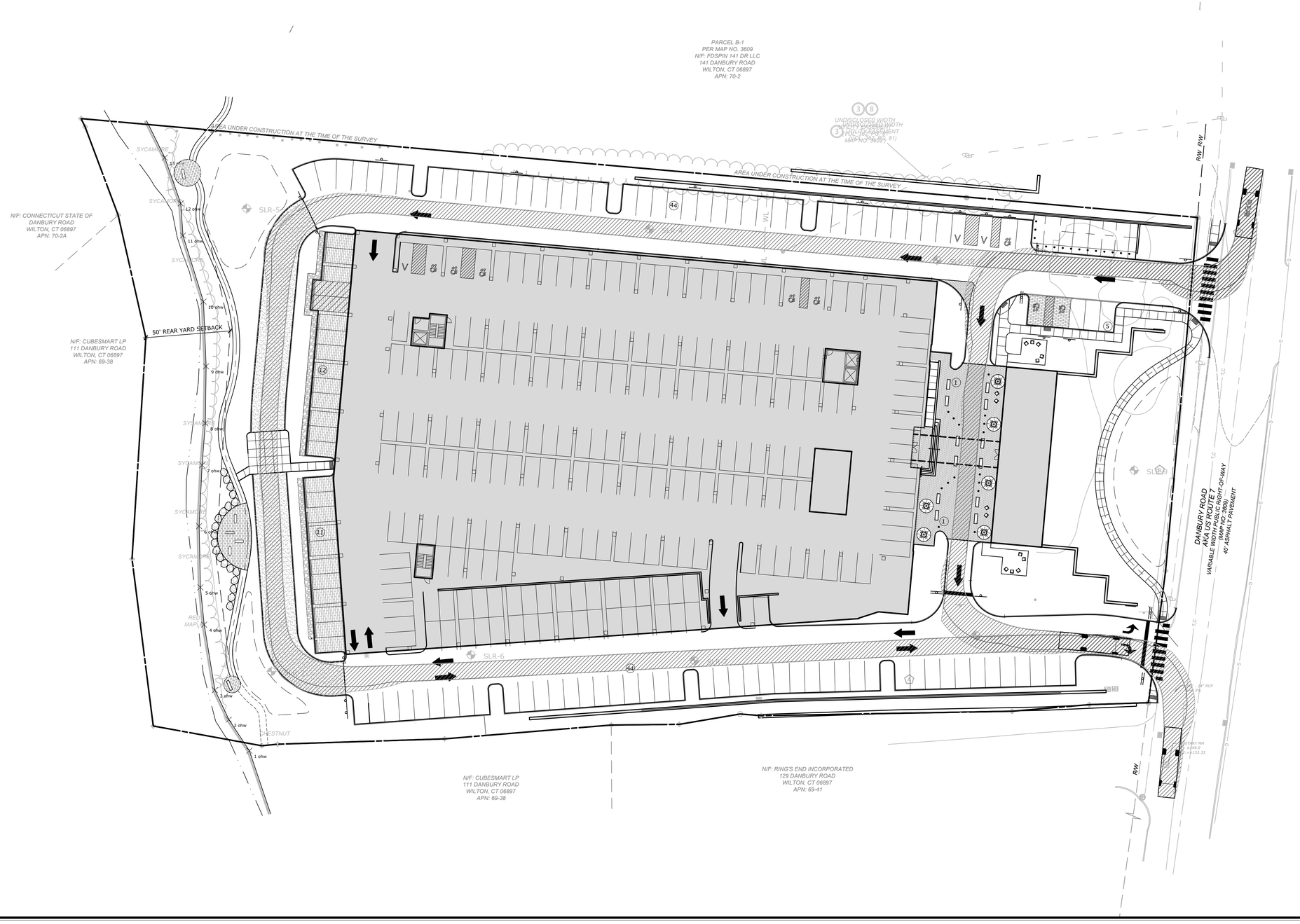
PROJECT NO.: 21543.00001

SHEET NO.: 21 OF 24

SHEET NAME: UR



Wilton Fire Truck	
Overall Length	42.000ft
Overall Width	10.000ft
Overall Body Height	10.715ft
Min Body Ground Clearance	1.146ft
Track Width	9.620ft
Lock-to-lock time	6.00s
Curb to Curb Turning Radius	33.167ft



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CHESHIRE, CT 06410
203.271.1773
SLRCONSULTING.COM

DESCRIPTION	DATE	BY
P&Z SUBMISSION	11/27/2023	AWG
PEER REVIEW COMMENTS	1/08/2024	AWG
PEER REVIEW COMMENTS	2/13/2024	AWG

VEHICLE TURNING MOVEMENT - FIRE TRUCK

PROPOSED MULTI-FAMILY DEVELOPMENT

131 DANBURY ROAD
WILTON, CONNECTICUT

AWG	RH	TD
DESIGNED	DRAWN	CHECKED

1"=30'
SCALE

OCTOBER 23, 2023
DATE

21543.00001
PROJECT NO.

22 OF 24
SHEET NO.

VH
SHEET NAME