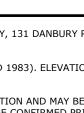
PROPOSED MULTI-FAMILY DEVELOPMENT

131 DANBURY ROAD WILTON, CONNECTICUT

21543.00001 OCTOBER 23, 2023 REVISED: NOVEMBER 27. 2023 REVISED: JANUARY 9, 2024 REVISED: FEBRUARY 13, 2024 REVISED: FEBRUARY 28, 2024



GENERAL NOTES

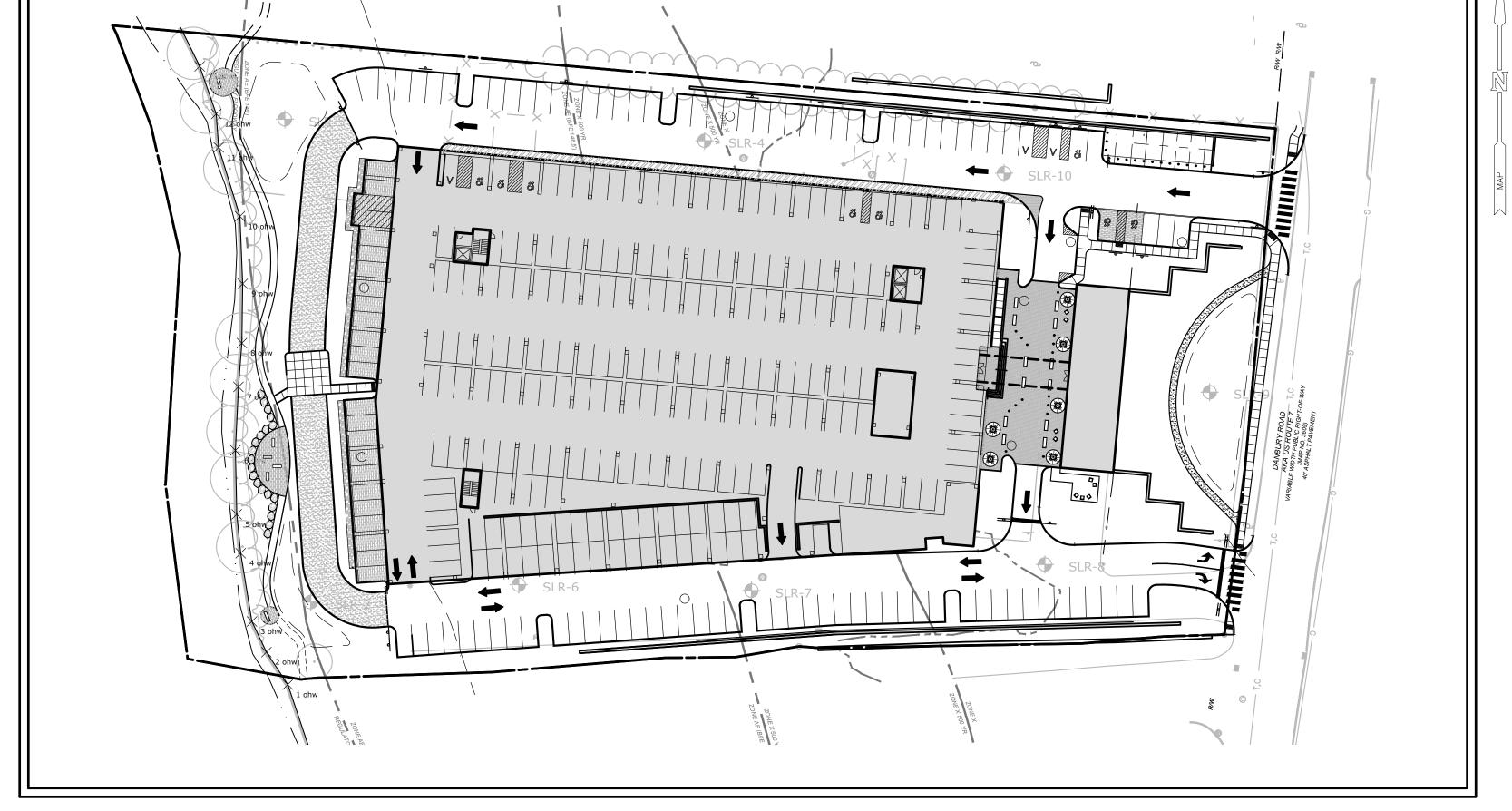
- PROPERTY AND TOPOGRAPHIC INFORMATION COMPILED FROM A MAP ENTITLED, "ALTA/NSPS LAND TITLE SURVEY, 131 DANBURY ROAD, FAIRFIELD COUNTY, WILTON, CONNECTICUT 06897", PREPARED BY: BLEW & ASSOCIATES, P.A., SCALE: 1"=30".
- 2. NORTH ARROW, BEARINGS AND COORDINATES ARE BASED UPON THE CONNECTICUT COORDINATE 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.
- SLR INTERNATIONAL CORPORATION ACCEPTS NO RESPONSIBILITY FOR THE ACCURACY OF MAPS AND DATA WHICH HAVE BEEN SUPPLIED BY OTHER
 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 GRAD
- 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 NOT 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	8 THREE-BEDROOM UNITS					

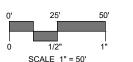
**NOT INCLUDING 22 TANDEM SPACES. PARKING TOTAL CONSISTS OF 310 STANDARD SPACES, 8



HANDICAP ACCESSIBLE SPACES, AND 3 VAN SPACES.



PROJECT SITE VICINITY MAP:



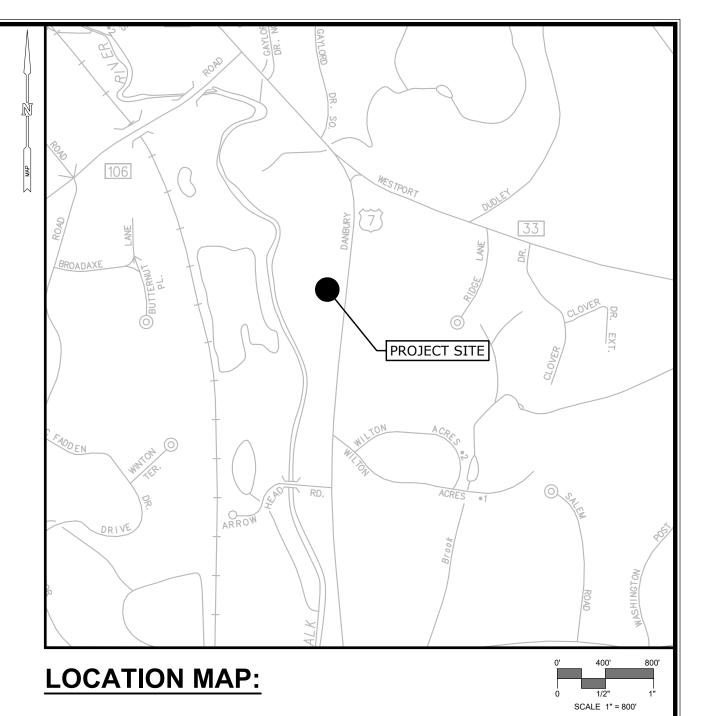




CHESHIRE, CT 06410 203.271.1773 SLRCONSULTING.COM

PREPARED FOR:

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



LIST OF DRAWINGS

NO.	NAME	TITLE
01		TITLE SHEET
02	NL	NOTES AND LEGEND
03	EX	EXISTING CONDITIONS
04	SP	SITE VICINITY PLAN
05	LA	SITE PLAN - LAYOUT
06	LS	SITE PLAN - LANDSCAPING
07	GR	SITE PLAN - GRADING
80	UT	SIRE PLAN - UTILITIES
09	SE-1	SEDIMENT AND EROSION CONTROL PLAN
10	SE-2	SEDIMENT AND EROSION CONTROL SPECIFICATIONS AND DETAILS
11	SD-1	SITE DETAILS
12	SD-2	SITE DETAILS
13	SD-3	SITE DETAILS
14	SD-4	SITE DETAILS
15	SD-5	SITE DETAILS
16	SD-6	SITE DETAILS
17	SD-7	SITE DETAILS
18	SD-8	SITE DETAILS
19	ABG	COMBINED AVERAGE BUILDING GRADE
20	IFP	INTERPOLATED FLOODPLAIN EARTHWORK
21	EW	PROPOSED SITE EARTHWORK
22	UR	UPLAND REVIEW AREA EARTHWORK
23	VH-1	VEHICLE TURNING MOVEMENT - FIRE TRUCK
24	VH-2	VEHICLE TURNING MOVEMENT - SU-30 AND 15' BOX TRUCK
25	SL-1B	SITE LIGHTING PHOTOMETRIC CALCULATION (BY APEX LIGHTING SOLUTIONS)

- 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
- ALL DIMENSIONS AND ELEVATIONS SHALL BE VERIFIED IN THE FIELD PRIOR TO CONSTRUCTION. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER.
- FOR DETAILED INFORMATION PERTAINING TO PROPOSED BUILDINGS REFER TO ARCHITECTURAL AND STRUCTURAL DRAWINGS.
- 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
- 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
- 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,
- 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.

AND ALL OTHER CARE NEEDED FOR PROPER GROWTH OF THE PLANTS.

- 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
- 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.
- 8. MINIMUM VERTICAL SEPARATION BETWEEN WATER AND GAS LINES SHALL BE 12 INCHES.

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.

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.

- 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.
- 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.

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

EXISTING PROPOSED STREET LINE ____ PROPERTY LINE ____ SETBACK LINE MAJOR CONTOUR 100 _ _ _ _ 70 _ _ -98 MINOR CONTOUR **+** 70.5 SPOT GRADE \times 70.5 TREE LINE TREE/ SHRUB ROCKWALL **X** 🗖 SITE LIGHT / BOLLARD LIGHT **HYDRANT** WATER VALVE GAS VALVE CATCH BASIN MANHOLE/YARD DRAIN \oslash ——SAN————— SANITARY SEWER W/MANHOLE STORM DRAIN _ _ = = = WATER MAIN GAS MAIN ELECTRIC LINE ELECTRIC, TELEPHONE, CABLE UTILITY POLE 0 TRAFFIC SIGN IRON PIPE MONUMENT EDGE OF PAVEMENT W/CURB **GUARD RAIL** 00 0 0 0 CHAIN LINK FENCE -0---0--WATERCOURSE WETLAND

BORING LOGS

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

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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
         GRAY-BROWN, FINE TO MEDIUM SAND, LITTLE SILT
         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
        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'
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SLR-2 DEPTH=12'

0'-0.33' ASPHALT 0.33'-1' GRAY, FINE TO COARSE SAND, SOME FINE TO COARSE GRAVEL, TRACE SILT 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

DARK BROWN, FINE TO COARSE SAND, SOME ORGANIC SILT DARK BROWN-BLACK, FINE TO COARSE SAND AND ORGANIC SILT, LITTLE FINE GRAVEL 3'-5'

5'-6' LIGHT BROWN, FINE TO COARSE SAND, SOME SILT BROWN, FINE TO COARSE SAND, SOME FINE TO COARSE GRAVEL, LITTLE SILT 6'-10'

10'-15' GRAY-BROWN, FINE TO COARSE SAND, LITTLE FINE GRAVEL, TRACE SILT GRAY, FINE TO COARSE SAND, LITTLE FINE GRAVEL, TRACE SILT 15'-20'

GRAY, FINE TO COARSE SAND, SOME FINE TO COARSE GRAVEL, TRACE SILT GRAY, FINE TO COARSE SAND AND FINE TO COARSE GRAVEL, TRACE SILT 25'-27' GROUNDWATER AT 6.3'

SLR-4 DEPTH=17'

0'-0.75' DARK BROWN, FINE TO MEDIUM SAND, SOME SILT, TRACE ORGANIC BROWN, FINE TO COARSE SAND, SOME FINE TO COARSE GRAVEL, TRACE SILT

DARK BROWN-BLACK, FINE TO MEDIUM SAND, SOME ORGANIC SILT, TRACE FINE GRAVEL 2'-5' BLACK, FINE TO MEDIUM SAND, SOME ORGANIC SILT

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

BROWN, FINE TO COARSE SAND, SOME FINE TO COARSE GRAVEL, SOME SILT BROWN, FINE TO COARSE SAND, SOME SILT 1'-3'

3'-12' GRAY-BROWN, FINE TO COARSE SAND AND FINE TO COARSE GRAVEL, SOME SILT

GROUNDWATER AT 3.5' PERMEABILITY=2.5 INCHES/HOUR

0'-0.25" ASPHALT

BROWN, FINE TO COARSE SAND AND FINE TO COARSE GRAVEL, LITTLE SILT

DARK BROWN, FINE TO MEDIUM SAND, SOME ORGANIC SILT 3'-3.5'

3.5'-5' BROWN, FINE TO COARSE SAND, LITTLE SILT, TRACE FINE GRAVEL BROWN, FINE TO COARSE SAND AND FINE TO COARSE GRAVEL, LITTLE SILT 5'-7'

BROWN-GRAY, FINE TO COARSE GRAVEL AND FINE TO COARSE SAND, LITTLE SILT BROWN, FINE TO COARSE SAND AND FINE TO COARSE GRAVEL, LITTLE SILT

GROUNDWATER AT 5' PERMEABILITY=10.6 INCHES/HOUR

SLR-7 DEPTH=12'

ASPHALT 0'-0.3'

BROWN, FINE TO COARSE SAND, SOME FINE TO COARSE GRAVEL, SOME SILT 0.3'-5'

BROWN, FINE TO MEDIUM SAND, LITTLE FINE GRAVEL 5'-7' 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 BROWN, FINE TO COARSE SAND AND FINE TO COARSE GRAVEL, LITTLE SILT

BROWN, FINE TO COARSE GRAVEL AND FINE TO COARSE SAND, LITTLE SILT

BROWN, FINE TO COARSE SAND AND FINE TO COARSE GRAVEL, LITTLE SILT BROWN, FINE TO COARSE GRAVEL AND FINE TO COARSE SAND, LITTLE SILT

BROWN, FINE TO COARSE SAND, LITTLE SILT

BROWN, FINE TO COARSE SAND AND FINE TO COARSE GRAVEL, LITTLE SILT 16'-25'

25'-27' BROWN, FINE TO COARSE SAND, SOME FINE TO COARSE GRAVEL, LITTLE SILT GROUNDWATER AT 8.3'

PERMEABILITY=10.9 INCHES/HOUR

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 AND FINE TO COARSE GRAVEL, TRACE SILT

GROUNDWATER AT 8.8'

SLR-10 DEPTH=32'

DARK BROWN, FINE TO MEDIUM SAND, SOME SILT, TRACE ORGANIC MATTER, TRACE FINE L

BROWN, FINE TO COARSE SAND AND FINE TO COARSE GRAVEL, TRACE SILT BROWN, FINE TO COARSE GRAVEL AND FINE TO COARSE SAND, TRACE SILT

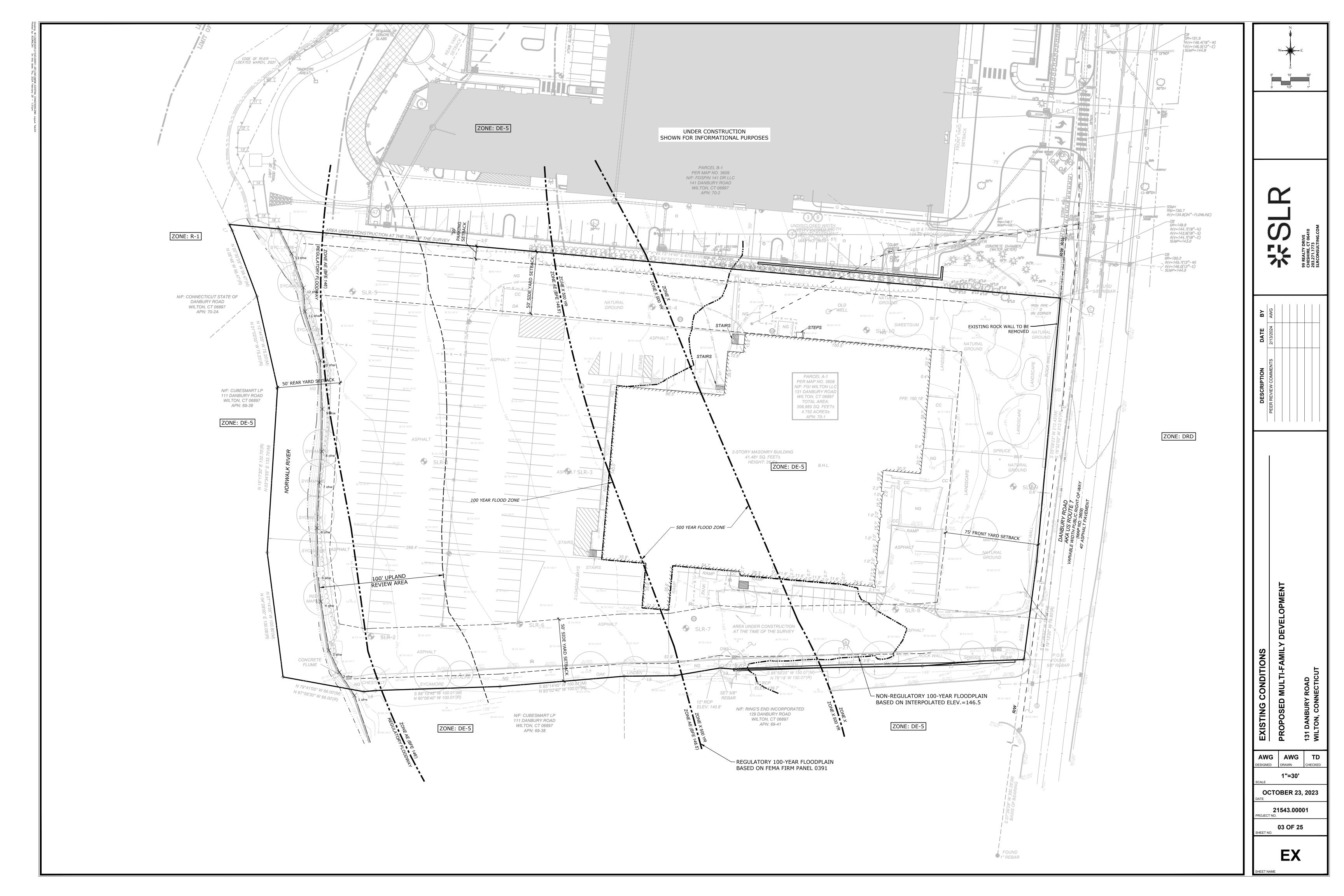
BROWN, FINE TO COARSE SAND AND FINE TO COARSE GRAVEL, TRACE SILT

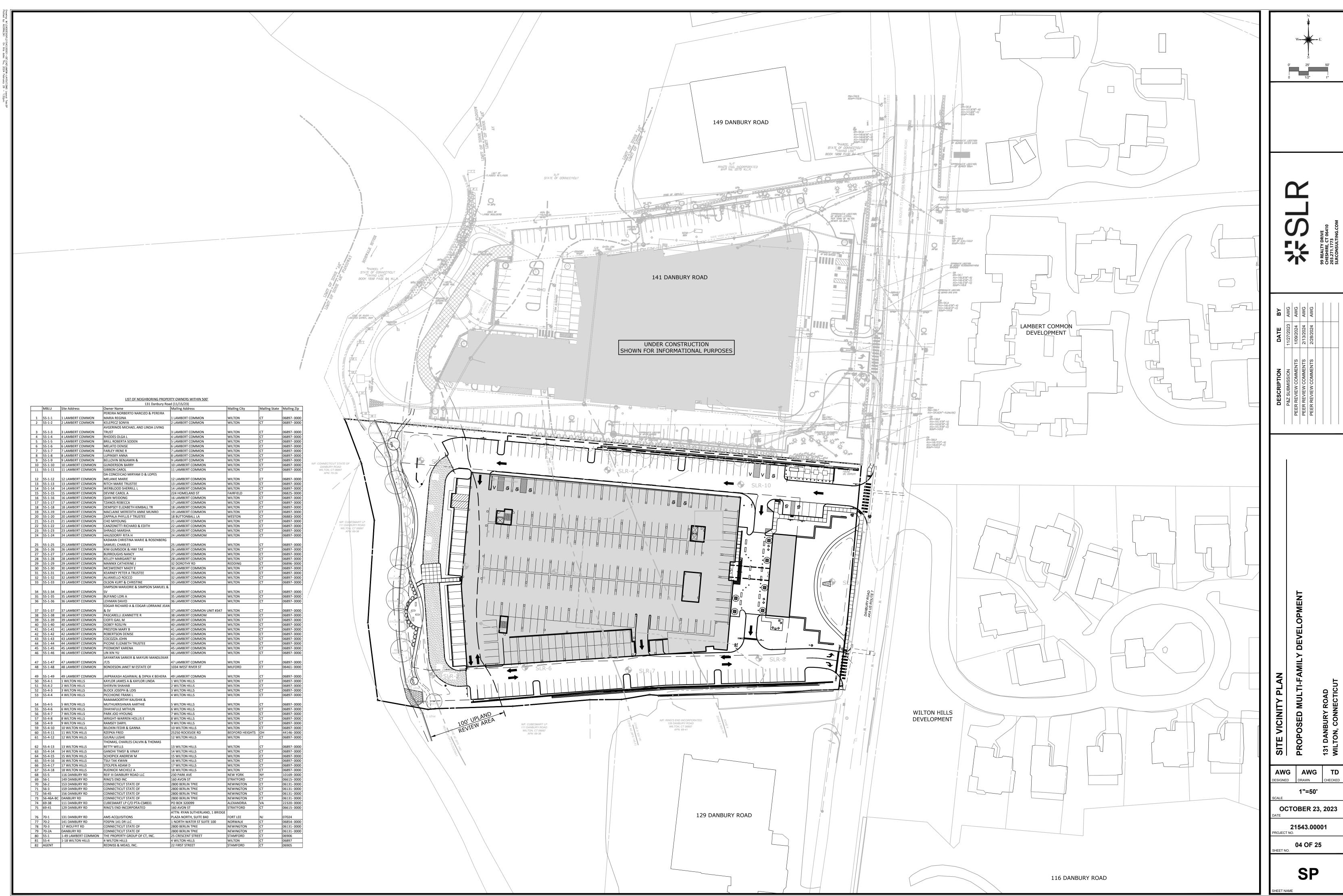
25'-32' BROWN, FINE TO COARSE SAND, LITTLE FINE TO COARSE GRAVEL, TRACE SILT GROUNDWATER AT 9'

AWG AWG TD **NOT TO SCALE OCTOBER 23, 2023**

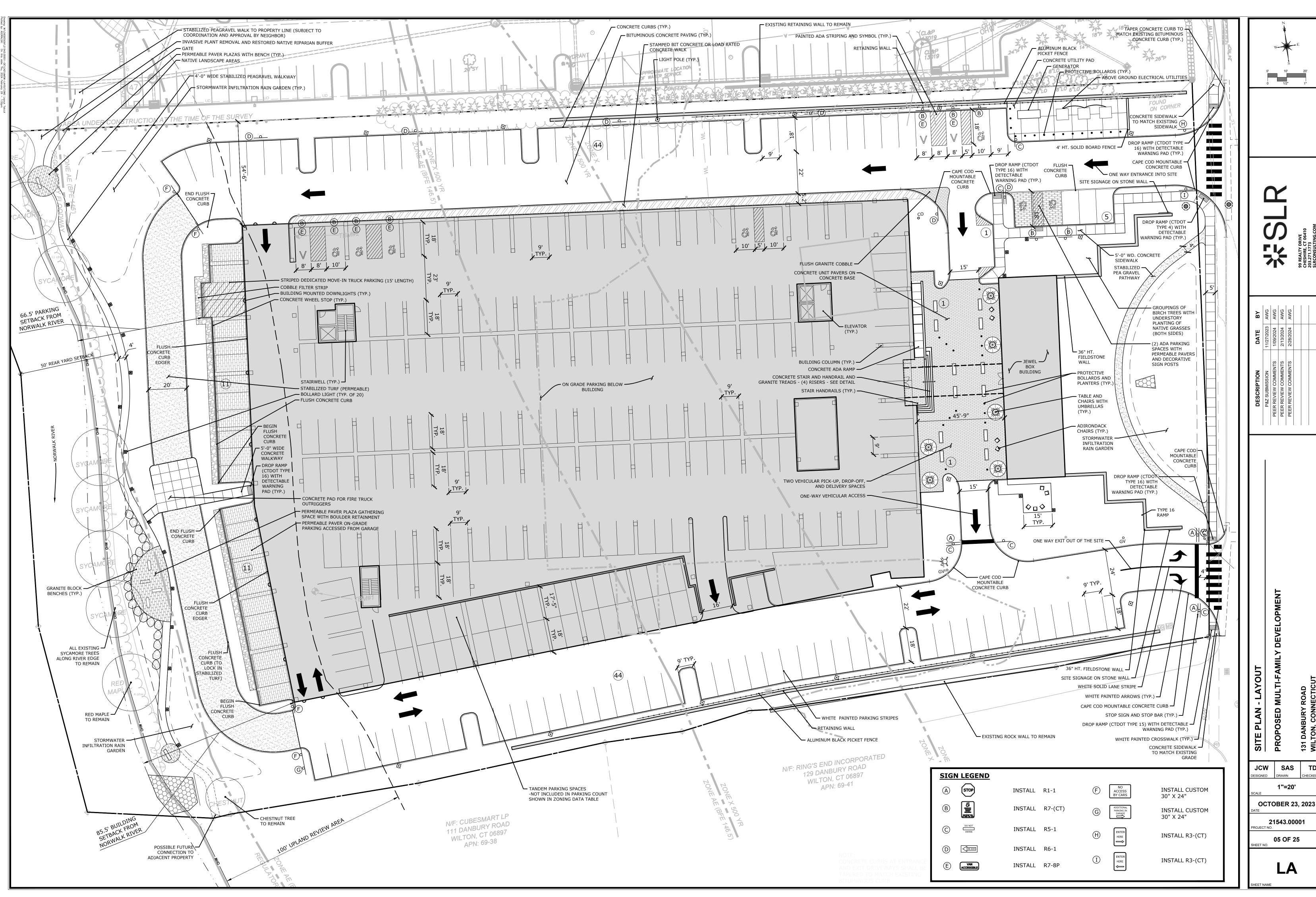
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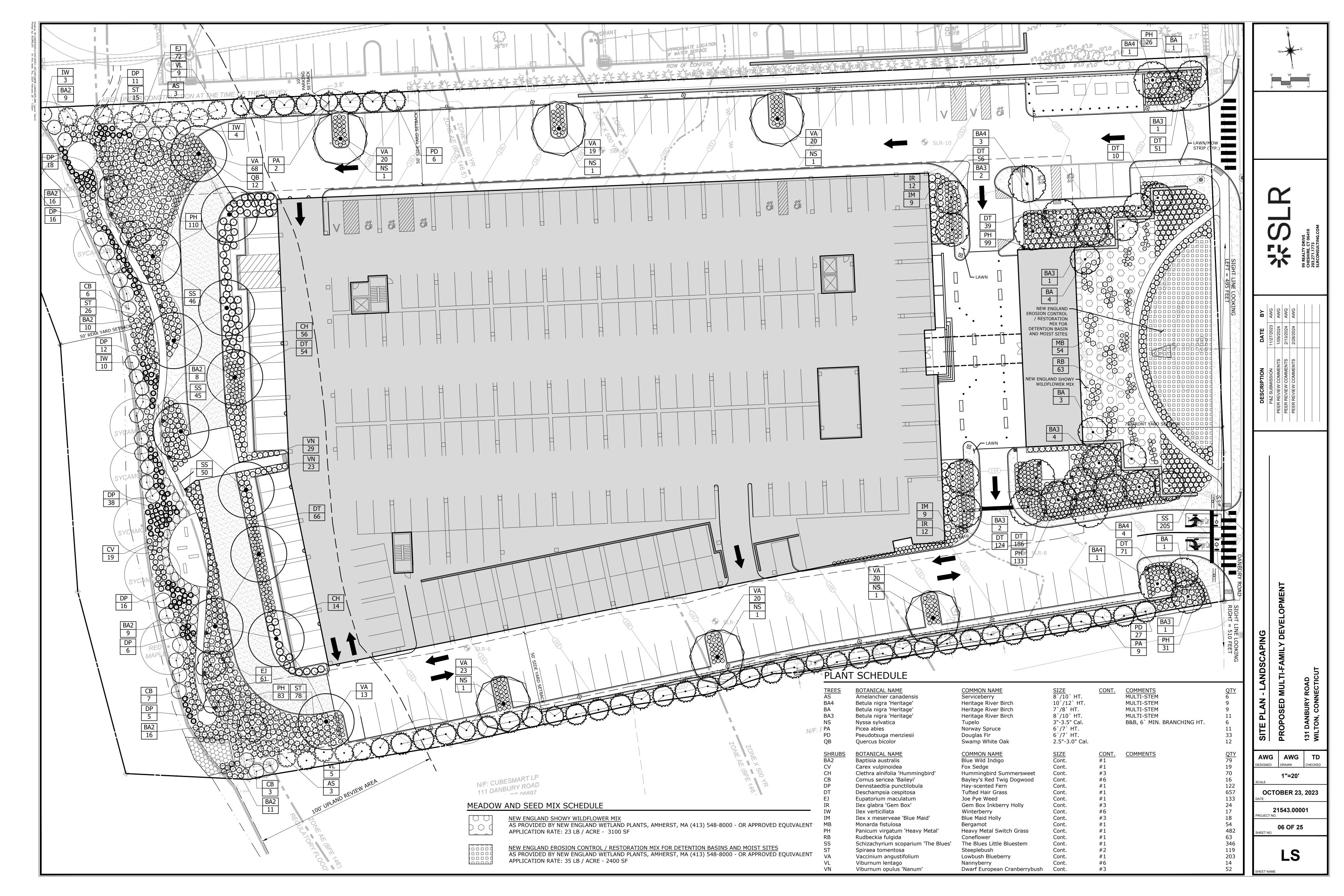


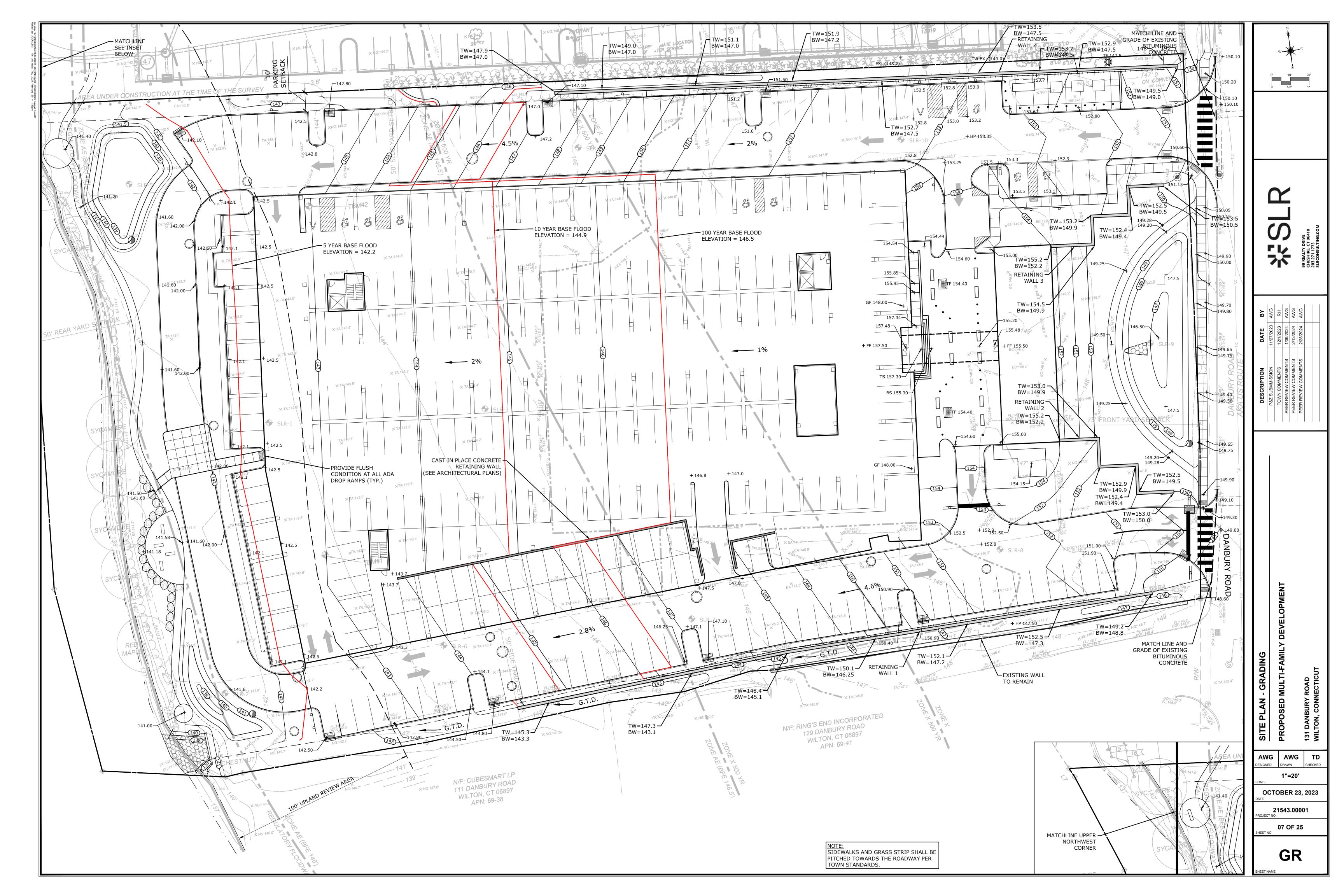


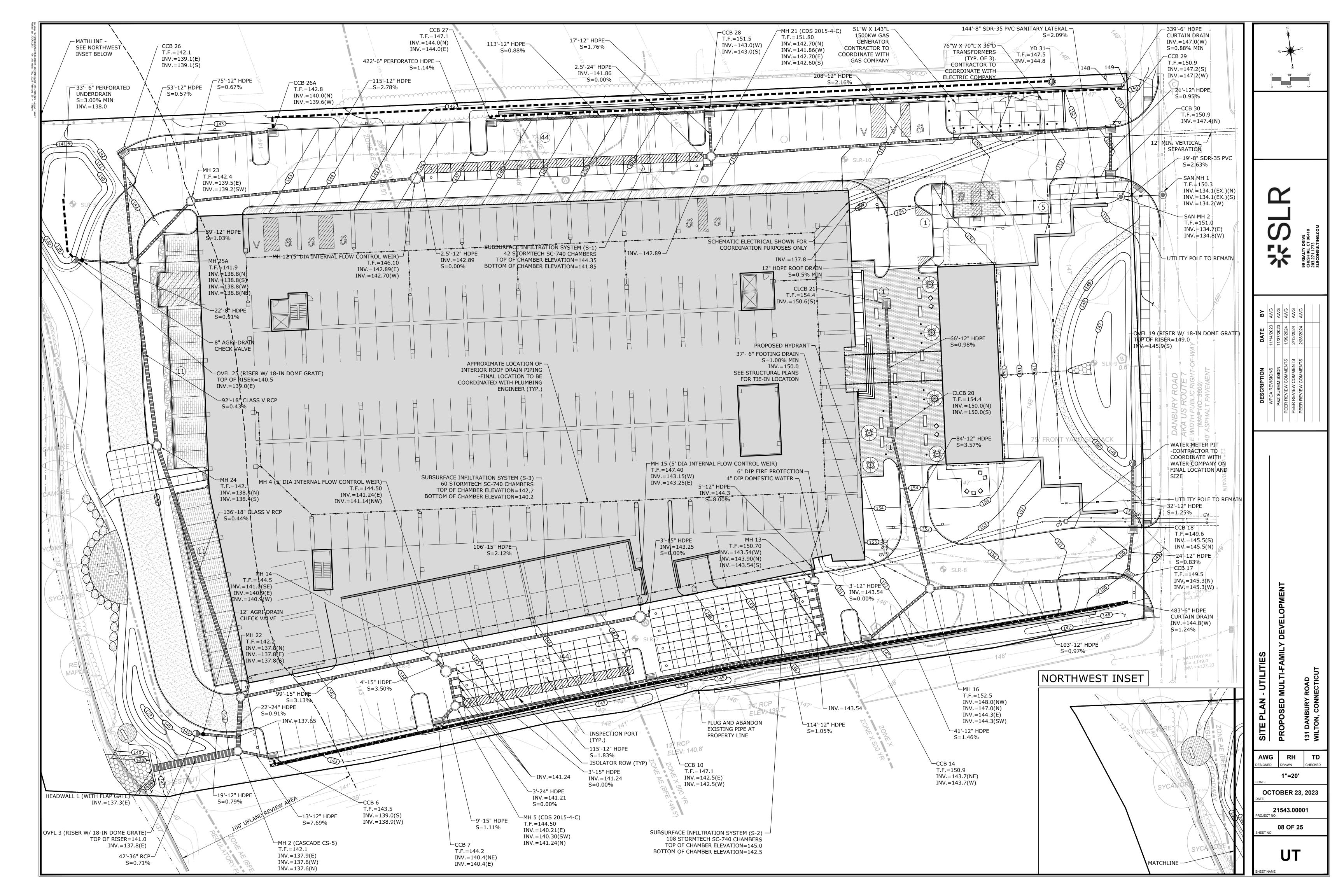
OCTOBER 23, 2023

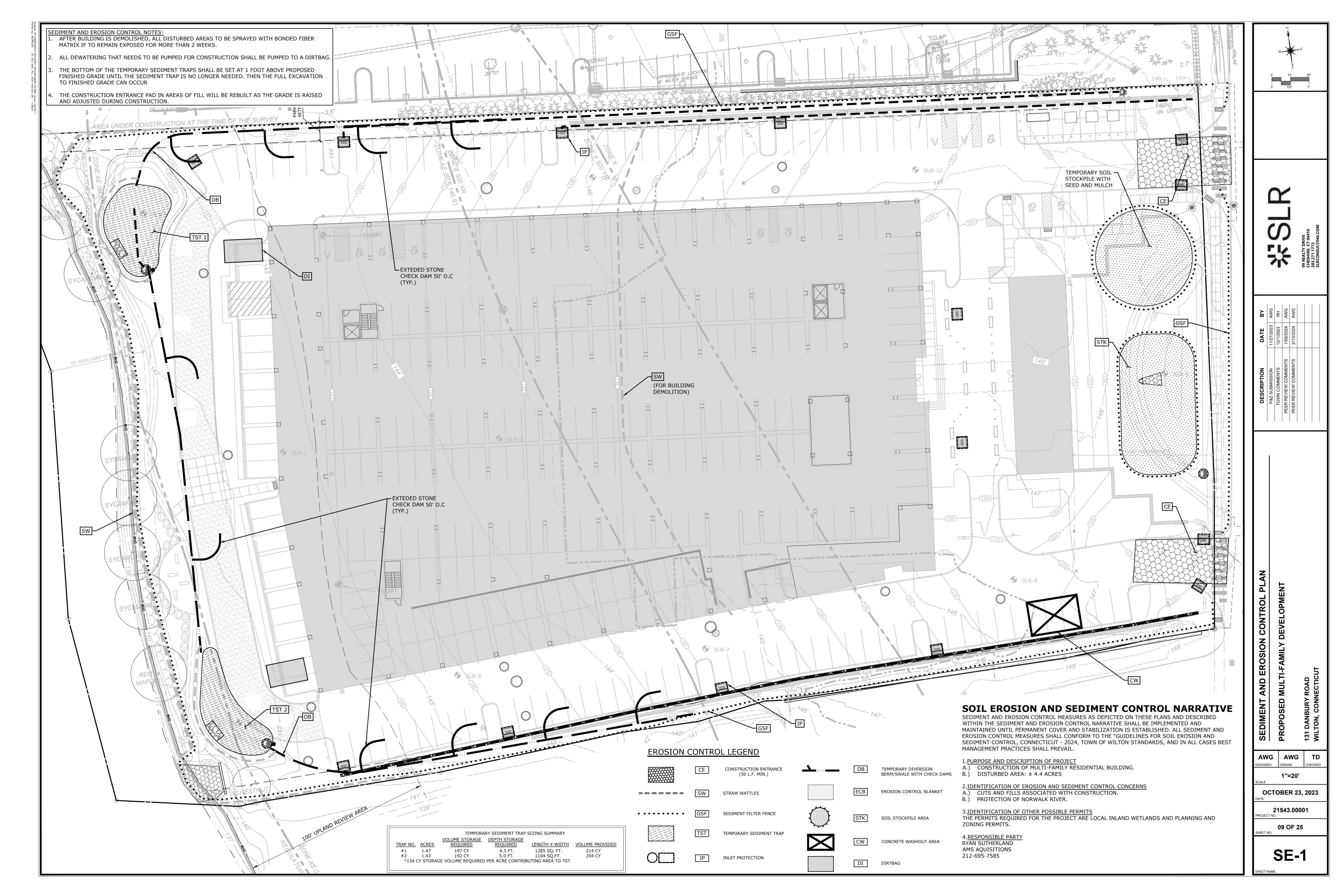


SAS 1"=20'









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:

- 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:

 THE CUT FACE OF EARTH EXCAVATION SHALL NOT BE STEEPER THAN TWO
- HORIZONTAL TO ONE VERTICAL (2:1).
 THE PERMANENT EXPOSED FACES OF FILLS SHALL NOT BE STEEPER THAN TWO HORIZONTAL TO ONE VERTICAL (2:1).
- 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
- 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.
- NO FILL SHOULD BE PLACED WHERE IT WILL SLIDE OR WASH UPON THE PREMISES OF ANOTHER OWNER OR UPON ADJACENT WETLANDS, WATERCOURSES, OR WATERBODIES.
- 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.

TOFSOILING

GENERAL

- 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.
- REMOVE ALL LARGE STONES, TREE LIMBS, ROOTS AND CONSTRUCTION DEBRIS.
 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:

- TOPSOIL SHOULD HAVE PHYSICAL, CHEMICAL, AND BIOLOGICAL CHARACTERISTICS FAVORABLE TO THE GROWTH OF PLANTS.
 TOPSOIL SHOULD HAVE A SANDY OR LOAMY TEXTURE.
- TOPSOIL SHOULD HAVE A SANDY OR LOAMY TEXTORE.
 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.
 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:

.. 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

GENERAL:

INSTALL REQUIRED SURFACE WATER CONTROL MEASURES.
 REMOVE LOOSE ROCK, STONE, AND CONSTRUCTION DEBRIS FROM AREA.

DRILLING, OR HYDRAULIC APPLICATION.

SLOPES GREATER THAN 3%%% OR WHERE NEEDED.

- 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

 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:

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

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:

GENERAL

PERMANENT VEGETATIVE COVER

- INSTALL REQUIRED SURFACE WATER CONTROL MEASURES.
- REMOVE LOOSE ROCK, STONE, AND CONSTRUCTION DEBRIS FROM AREA.
 PERFORM ALL PLANTING OPERATIONS PARALLEL TO THE CONTOURS OF THE SLOPE.
 APPLY TOPSOIL AS INDICATED ELSEWHERE HEREIN.
 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.
- APPLY SEED UNIFORMLY ACCORDING TO RATE INDICATED, BY BROADCASTING, DRILLING, OR HYDRAULIC APPLICATION.
- 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).
- MULCH IMMEDIATELY AFTER SEEDING, IF REQUIRED, ACCORDING TO TEMPORARY MULCHING SPECIFICATIONS. (SEE VEGETATIVE COVER SELECTION & MULCHING SPECIFICATION BELOW).
 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
- AREAS WHERE IT IS IMPORTANT TO GET A QUICK VEGETATIVE COEROSION.

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.
- EACH BALE SHALL BE EMBEDDED INTO THE SOIL A MINIMUM OF FOUR (4") INCHES.
 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.
 GEOTEXTILE FABRIC SHALL BE SECURELY ANCHORED AT THE TOP OF A THREE FOOT

BETWEEN SECTIONS OF FILTER FABRIC SHALL OVERLAP A MINIMUM OF TWO FEET (2'). INSTALLATION AND MAINTENANCE:

 BALED HAY EROSION BARRIERS SHALL BE INSTALLED AT ALL STORM SEWER INLETS.
 BALED HAY EROSION BARRIERS AND GEOTEXTILE FENCE SHALL BE INSTALLED AT THE LOCATION INDICATED ON THE PLAN AND IN ADDITIONAL AREAS AS MAY BE

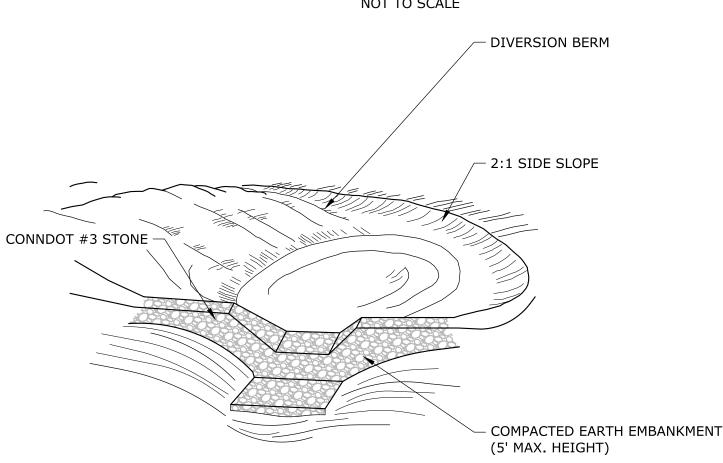
(3') HIGH FENCE AND BURIED A MINIMUM OF FOUR INCHES (4") TO THE SOIL, SEAMS

- DEEMED APPROPRIATE DURING CONSTRUCTION.

 3. ALL EROSION CHECKS SHALL BE MAINTAINED UNTIL ADJACENT AREAS ARE STABILIZED.
- 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.

HIGH STRENGTH DOUBLE STITCHED "J" TYPE SEAMS SEWN IN SPOUT HIGH STRENGTH STRAPPING FOR HOLDING HOSE IN PLACE WATER FLOW FROM PUMP PUMP DISCHARGE HOSE OPENING ACCOMMODATES UP TO 4" DISCHARGE HOSE BAG PLACED ON AGGREGATE OR STRAW

DIRTBAG PUMPED SILT CONTROL SYSTEM

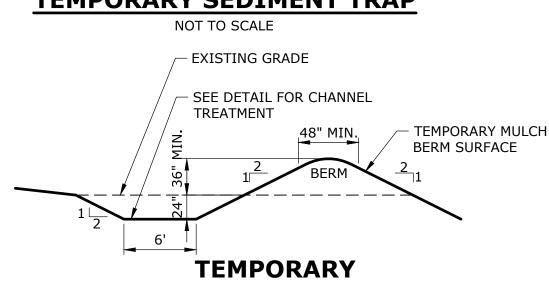


SIDE VIEW

NOTES:

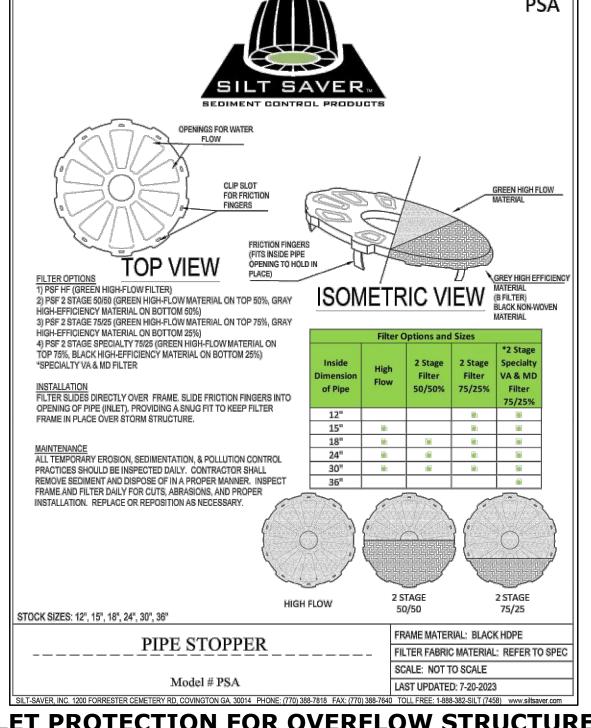
1. REFER TO SEDIMENT & EROSION CONTROL PLAN FOR APPROXIMATE DIMENSIONS AND REQUIRED VOLUME.

TEMPORARY SEDIMENT TRAP

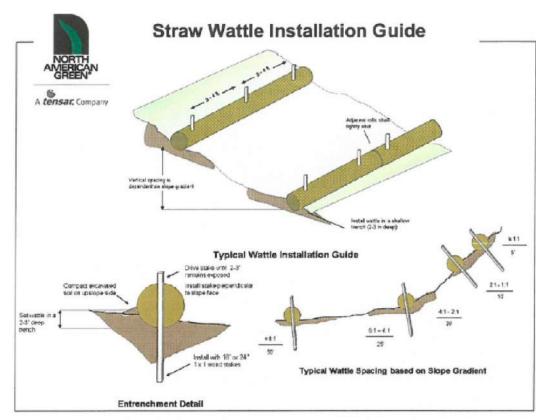


TEMPORARY DIVERSION BERM AND SWALE

EROSION CONTROL MAINTENANCE INTERVALS CONTROL OBJECTIVE INSPECTION/MAINTENANCE FAILURE INDICATORS EROSION CONTROL REMOVAL **MEASURE** INTERCEPT, AND REDIRECT/DETAIN PHYSICAL DAMAGE OR DECOMPOSITION INSPECT AT LEAST ONCE A WEEK AND WITHIN 24 HOURS OF THE END OF A STORM WITH SMALL AMOUNTS OF SEDIMENT FROM EVIDENCE OF OVERTOPPED OR UNDERCUT SILT FENCE/STRAW WATTLES MAY BE SILT FENCE (SF) SMALL DISTURBED AREAS. A RAINFALL OF 0.5 INCHES OR MORE. ACCUMULATED SEDIMENT MUST BE REMOVED ONCE FENCE REMOVED AFTER UPHILL AND STRAW WATTLES (SW) ITS DEPTH IS EQUAL TO ½ THE TRENCH HEIGHT. INSPECT FREQUENTLY DURING PUMPING - DECREASE VELOCITY OF SHEET FLOW. - EVIDENCE OF SIGNIFICANT FLOWS EVADING SENSITIVE AREAS HAVE BEEN (RELATED: IP, STK) PROTECT SENSITIVE SLOPES OR SOILS OPERATIONS IF USED FOR DEWATERING OPERATIONS. CAPTURE PERMANENTLY STABILIZED. FROM EXCESSIVE WATER FLOW. REPETITIVE FAILURE INSPECT AT THE END OF EACH WORK DAY AND IMMEDIATELY REPAIR DAMAGES. CONSTRUCTION ENTRANCE MAY BE PERIODIC ADDITION OF STONE, OR LENGTHENING OF ENTRANCE MAY BE REQUIRED AS REMOVED ONCE THE SITE HAS BEEN REDUCE THE TRACKING OF SEDIMENT OFF-SITE CONSTRUCTION ENTRANCE (CE) SEDIMENT IN ROADWAY ADJACENT TO SITE ONDITIONS DEMAND. ALL SEDIMENT SPILLED, DROPPED, WASHED, OR TRACKED ONTO PERMANENTLY STABILIZED, AND ALL ONTO PAVED SURFACES. PAVED SURFACES AS A RESULT OF INEFFICIENCY OF CONSTRUCTION ENTRANCE SHALL BE OTHER SECTIONS OF ROADWAY HAVE IMMEDIATELY REMOVED. BEEN PERMANENTLY PAVED. INLET PROTECTION MAY BE INSPECT AFTER ANY RAIN EVENT. IF FILTER BAG INSIDE CATCH BASIN CONTAINS MORE REMOVED ONCE THE SITE HAS BEEN PROHIBIT SILT IN CONSTRUCTION-RELATED RUNOF FAILED HAY BALES / SILT FENCE INLET PROTECTION (IP) FHAN 6" OF SEDIMENT, REMOVE SEDIMENT FROM BAG. CHECK SURROUNDING SILT FENCE PERMANENTLY STABILIZED, AND ALL · SIGNIFICANT SILT PRESENCE IN STORM FROM ENTERING STORM DRAINAGE SYSTEM. AND HAY BALES PER NOTED ABOVE. SECTIONS OF ROADWAY HAVE BEEN DRAINAGE SYSTEM OUTFLOW. PERMANENTLY PAVED. · EVIDENCE OF STOCK PILE DIMINISHING INSPECT SILT FENCE AT THE END OF EACH WORK DAY AND IMMEDIATELY REPAIR STOCKPILE PROTECTION MAY BE STOCKPILE PROTECTION RETAIN SOIL STOCKPILE IN LOCATIONS SPECIFIED DAMAGES. PERIODIC REINFORCEMENT OF SILT FENCE, OR ADDITION OF HAY BALES MAY DUE TO RAIN EVENTS REMOVED ONCE THE STOCKPILE IS AND REDUCE WATER-TRANSPORT. USED OR REMOVED. FAILURE OF SILT FENCE INSPECT AT LEAST ONCE A WEEK AND WITHIN 24 HOURS OF THE END OF A STORM WITH DETAIN SEDIMENT-LADEN RUNOFF FROM SMALL TURBID WATER TST MAY BE REMOVED ONCE THE TEMPORARY SEDIMENT TRAP (TST) A RAINFALL OF 0.5 INCHES OR MORE. STONE OUTLET SHOULD BE AT LEAST 1 FOOT DISTURBED AREAS LONG ENOUGH TO ALLOW A EXCESSIVE SEDIMENT ACCUMULATION CONTRIBUTING DRAINAGE AREA IS BELOW CREST OF EMBANKMENT. SEDIMENT MUST BE REMOVED WHEN ACCUMULATION MAJORITY OF THE SEDIMENT TO SETTLE OUT. PERMANENTLY STABILIZED. OVERTOPPING EVIDENCE REACHES 1/2 OF THE REQUIRED WET STORAGE. - MINIMIZE VELOCITY AND CONCENTRATION OF WHEN LOCATED WITHIN CLOSE PROXIMITY TO ONGOING CONSTRUCTION ACTIVITIES, EMPORARY DIVERSIONS MAY BE PHYSICAL DAMAGE TEMPORARY DIVERSION BERM/SWALE REMOVED ONCE CONSTRUCTION HAS INSPECT AT THE END OF EACH WORK DAY AND IMMEDIATELY REPAIR DAMAGES. SHEET FLOW ACROSS CONSTRUCTION SITE TO A EXCESSIVE SCOURING/EROSION THERWISE INSPECT AT LEAST ONCE A WEEK AND WITHIN 24 HOURS OF THE END OF A CEASED AND THE CONTRIBUTING SEDIMENT TRAPPING FACILITY REPETITIVE FAILURE DRAINAGE AREA HAS BEEN - DIVERT WATER ORIGINATING FROM UNDISTURBED STORM WITH A RAINFALL OF 0.5 INCHES OR MORE. REPAIR THE TEMPORARY MEASURE AREA AWAY FROM CONSTRUCTION. AND ANY OTHER ASSOCIATED MEASURES WITHIN 24 HOURS. PERMANENTLY STABILIZED. USE MECHANICAL SWEEPING DAILY ON PAVED AREAS WHERE DUST AND FINE MATERIALS TO PREVENT MOVEMENT OF DUST FROM EXPOSED REPEAT APPLICATION OF DUST CONTROL AIRBORNE DUST DUST CONTROL ACCUMULATE, IF HEAVILY TRAFFICKED AND SEDIMENT ACCUMULATES QUICKLY. MEASURES UNTIL ALL AREAS ARE OIL SURFACES, WHICH MAY CAUSE BOTH OFF-SITE PERIODICALLY MOISTEN UNPAVED TRAVELWAYS TO CONTROL DUST WHEN EVIDENCE OF PERMANENTLY STABILIZED, VEGETATED AND ON-SITE DAMAGE, BE A HEALTH HAZARD TO AND PAVED, OR AS LONG AS THERE IS AIRBORNE DUST. HUMANSILDLIFE, AND PLANT LIFE, OR CREATE A AIRBORNE DUST. HAZARD BY REDUCING TRAFFIC VISIBILITY.



INLET PROTECTION FOR OVERFLOW STRUCTURES NOT TO SCALE



- BEGIN AT THE LOCATION WHERE THE WATTLE IS TO BE INSTALLED BY EXCAVATING A 2-3" (5-7.5 CM) DEEP X 9" (22.9 CM) WIDE TRENCH ALONG THE CONTOUR OF THE SLOPE, EXCAVATED SOIL SHOULD BE PLACED UP-SLOPE FROM THE ANCHOR TRENCH.
- PLACE THE WATTLE IN THE TRENCH SO THAT IT CONTOURS TO THE SOIL SURFACE. COMPACT SOIL FROM THE EXCAVATED TRENCH
 AGAINST THE WATTLE ON THE UPHILL SIDE. ADJACENT WATTLES SHOULD TIGHTLY ABUT.
 SECURE THE WATTLE WITH 18-24' (45.7-61 CM) STAKES EVERY 3-4' (0.9 1.2 M) AND WITH A STAKE ON EACH END. STAKES SHOULD BE
 DRIVEN THROUGH THE MIDDLE OF THE WATTLE LEAVING AT LEAST 2-3" (6-7.5 CM) OF STAKE EXTENDING ABOVE THE WATTLE. STAKES
 SHOULD BE DRIVEN PERPENDICULAR TO SLOPE FACE.
- North American Green Straw Wattles are a Best Management Practice (BMP) that offers an effective and economical alternative to silt fence and straw bales for sediment control and storm water runoff.

 Suidelines are provided to assist in design, installation, and structure specing. The guidelines may require modification due to variation in soil type, rainfall intensity or duration, and amount of runoff affecting the application site.

 To maximize sediment containment with the Straw Wattle, place the initial structure at the topicrest of the slope if significant runoff is expected from above. If no runoff from above is expected, the initial Straw Wattle can be installed at the appropriate distance downhill from the topicrest of the slope. The final structure should be installed at or just beyond the bottom/toe of the slope. Wattles should be installed perpendicular to the primary direction of overland flow.

For additional installation assistance, please contact North American Green's Technical Services Department at 1-800-772-2040

14649 Highway 41 North, Evansville, Indiana 47725

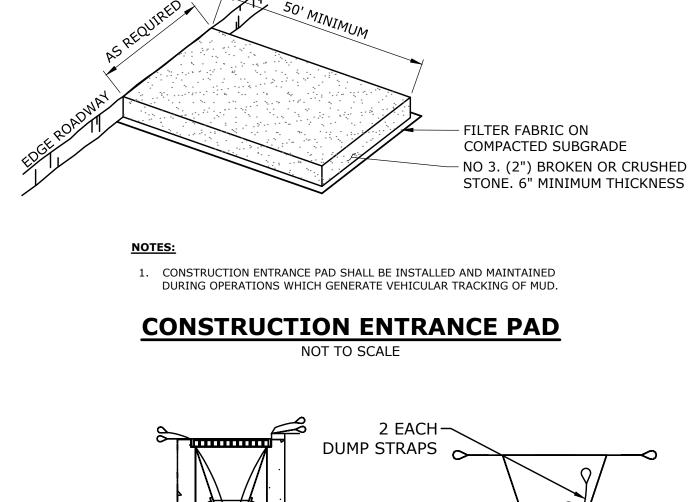
1-800-772-2040 www.nagreen.com Rev. 1/2008

Straw Waitles are a temporary sediment control device and are not intended to replace rolled crosion control products (RECPs) or hydraulic erosion control products (HECPs). If vegetation is desired for permanent erosion control, North American Green recommends that RECPs or HECPs be used to provide effective immediate erosion control until vegetation is established. Straw Wattles may be used in conjunction with blankets, mats, and mulches as

supplemental sediment and runoff control for these applications. Like all sediment control devices, the effectiveness of the Straw Wattle is dependent on

STRAW WATTLES SHALL HAVE A 12" DIAMETER MIN.

STRAW WATTLE
NOT TO SCALE



.

NOTE 2

CONCRETE WASHOUT AREA

DEPTH VARIES SEE NOTE 2

-HAY BALES OR COMPACTED EARTH BERM (SEE NOTE 3)

-10 MIL POLYETHYLENE SHEETING

-EXISTING GROUND

. CONCRETE WASHOUT AREA(S) SHALL BE INSTALLED PRIOR TO CONCRETE PLACEMENT ON SITE. THE CONCRETE WASHOUT AREA SHALL BE ENTIRELY

2. THE CONTRACTOR SHALL SUBMIT THE DESIGN, LOCATION AND SIZING OF THE CONCRETE WASHOUT AREA(S) WITH THE PROJECT'S EROSION AND SEDIMENTATION CONTROL PLAN AND SHALL BE APPROVED BY THE ENGINEER.

LOCATION: WASHOUT AREA(S) ARE TO BE LOCATED AT LEAST 50 FEET FROM ANY STREAM, WETLAND, STORM DRAINS, OR OTHER SENSITIVE RESOURCE. THE FLOOD CONTINGENCY PLAN MUST ADDRESS THE CONCRETE WASHOUT IF THE WASHOUT IS TO BE LOCATED WITHIN THE FLOODPLAIN.

SIZE: THE WASHOUT MUST HAVE SUFFICIENT VOLUME TO CONTAIN ALL LIQUID AND CONCRETE WASTE GENERATED BY WASHOUT OPERATIONS INCLUDING, BUT NOT LIMITED TO, OPERATIONS ASSOCIATED WITH GROUT AND MORTAR.

3. SURFACE DISCHARGE IS UNACCEPTABLE. THEREFORE, HAY BALES OR OTHER CONTROL MEASURES, AS APPROVED BY THE ENGINEER, SHOULD BE USED AROUND THE PERIMETER OF THE CONCRETE WASHOUT AREA FOR CONTAINMENT.

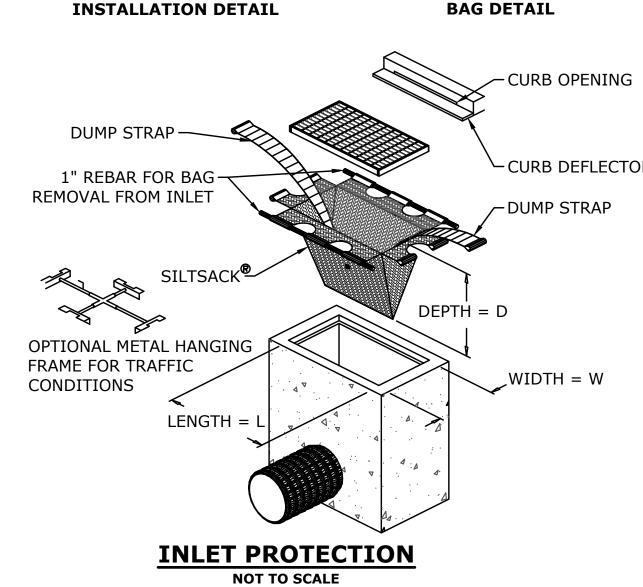
4. SIGNS SHOULD BE PLACED AT THE CONSTRUCTION ENTRANCE, AT THE

CONCRETE AREA(S) AND ELSEWHERE AS NECESSARY TO CLEARLY INDICATE
THE LOCATION OF THE CONCRETE WASHOUT TO OPERATORS OF CONCRETE
TRUCKS AND PUMP RIGS. WASHOUT AREA(S) SHOULD BE FLAGGED WITH
SAFETY FENCING OR OTHER APPROVED METHOD.

5. WASHOUT AREA(S) ARE TO BE INSPECTED AT LEAST ONCE A WEEK FOR STRUCTURAL INTEGRITY, ADEQUATE HOLDING CAPACITY AND CHECKED FOR LEAKS, TEARS, OR OVERFLOWS. (AS REQUIRED BY THE CONSTRUCTION SITE ENVIRONMENTAL INSPECTION REPORT) WASHOUT AREA(S) SHOULD BE CHECKED ATTER LEAVY BAILS

6. HARDENED CONCRETE WASTE SHOULD BE REMOVED AND DISPOSED OF WHEN THE WASTE HAS ACCUMULATED TO HALF OF THE CONCRETE WASHOUT'S HEIGHT. THE WASTE CAN BE STORED AT AN UPLAND LOCATION, AS APPROVED BY THE ENGINEER. ALL CONCRETE WASTE SHALL BE DISPOSED OF IN A MANNER CONSISTENT WITH ALL APPLICABLE LAWS, REGULATIONS, AND

7. PAYMENT FOR THIS ITEM IS TO BE INCLUDED UNDER THE GENERAL COST OF THE WORK FOR THE PROJECT, INCLUDING SITE RESTORATION.



EXPANSION RESTRAINT

(½" NYLON ROPE,

2" FLAT WASHERS)

EXISTING GRADE

12" MIN.

FENCE POST (TYPICAL)

AMOCO PROPEX SILT STOP SEDIMENT CONTROL FABRIC OR APPROVED EQUAL (GEOTEXTILE)

BURY END OF GEOTEXTILE MIN. 6" INTO SOIL

SEDIMENT FILTER FENCE

NOT TO SCALE

99 REALTY DRIVE CHESHIRE, CT 06410 203.271.1773

DESCRIPTIONDATEBYPEER REVIEW COMMENTS1/09/2024AWGPEER REVIEW COMMENTS2/13/2024AWGPEER REVIEW COMMENTS2/28/2024AWG

EDIMENT AND EROSION CONTROL SPECIFICATIONS AND ROPOSED MULTI-FAMILY DEVELOPMENT

AWG AWG TD
DESIGNED DRAWN CHECKED

AS NOTED

SCALE

OCTOBER 23, 2023

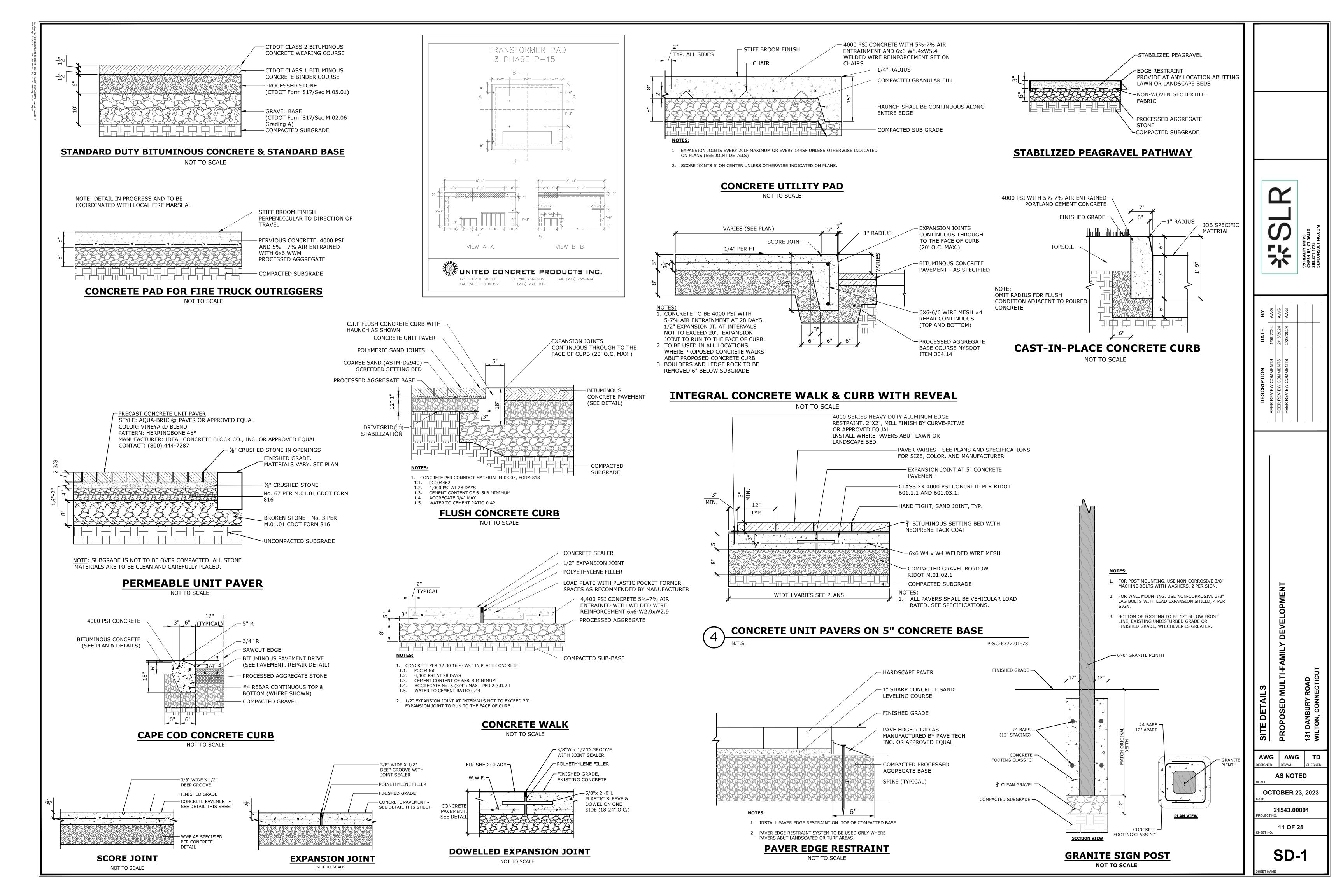
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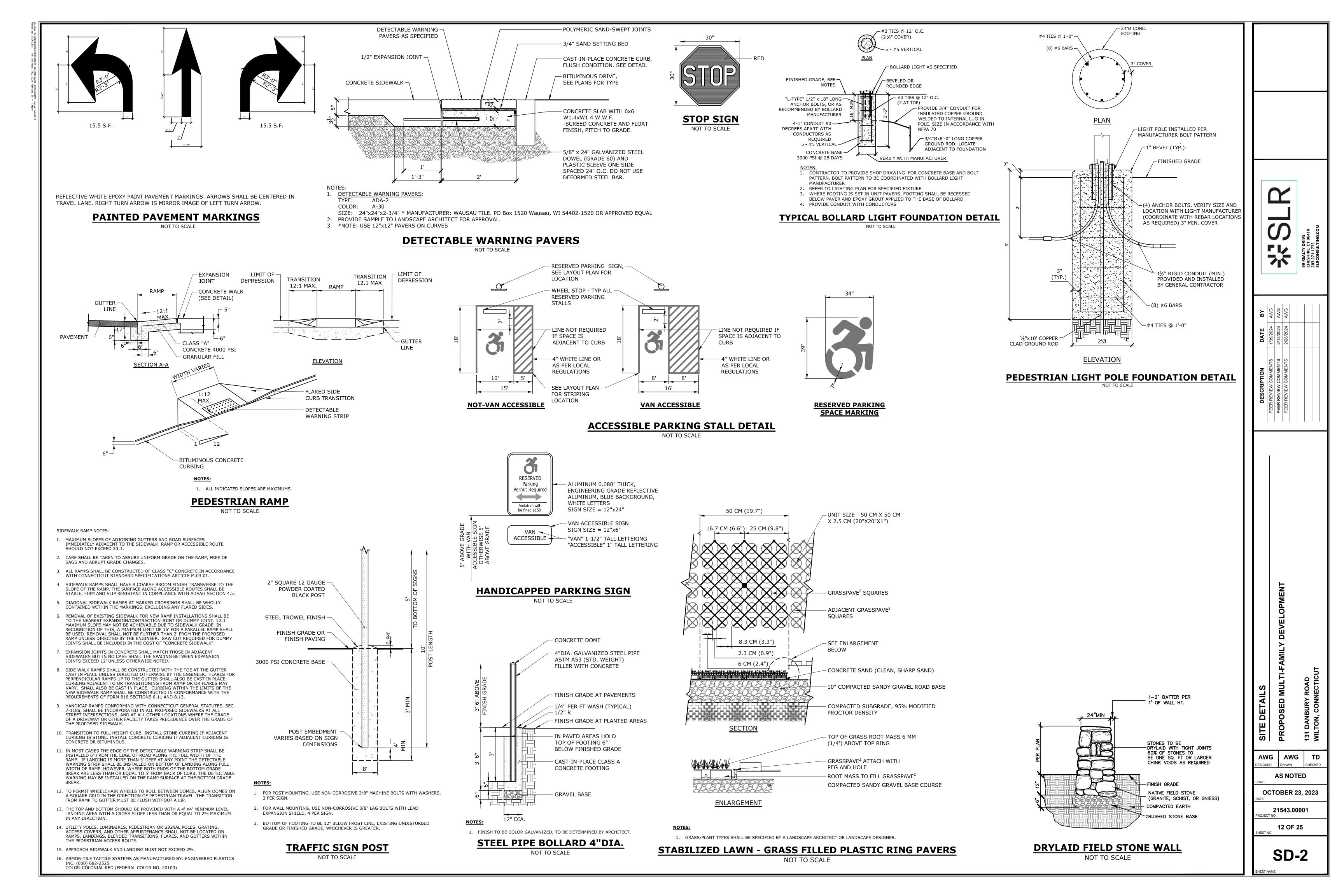
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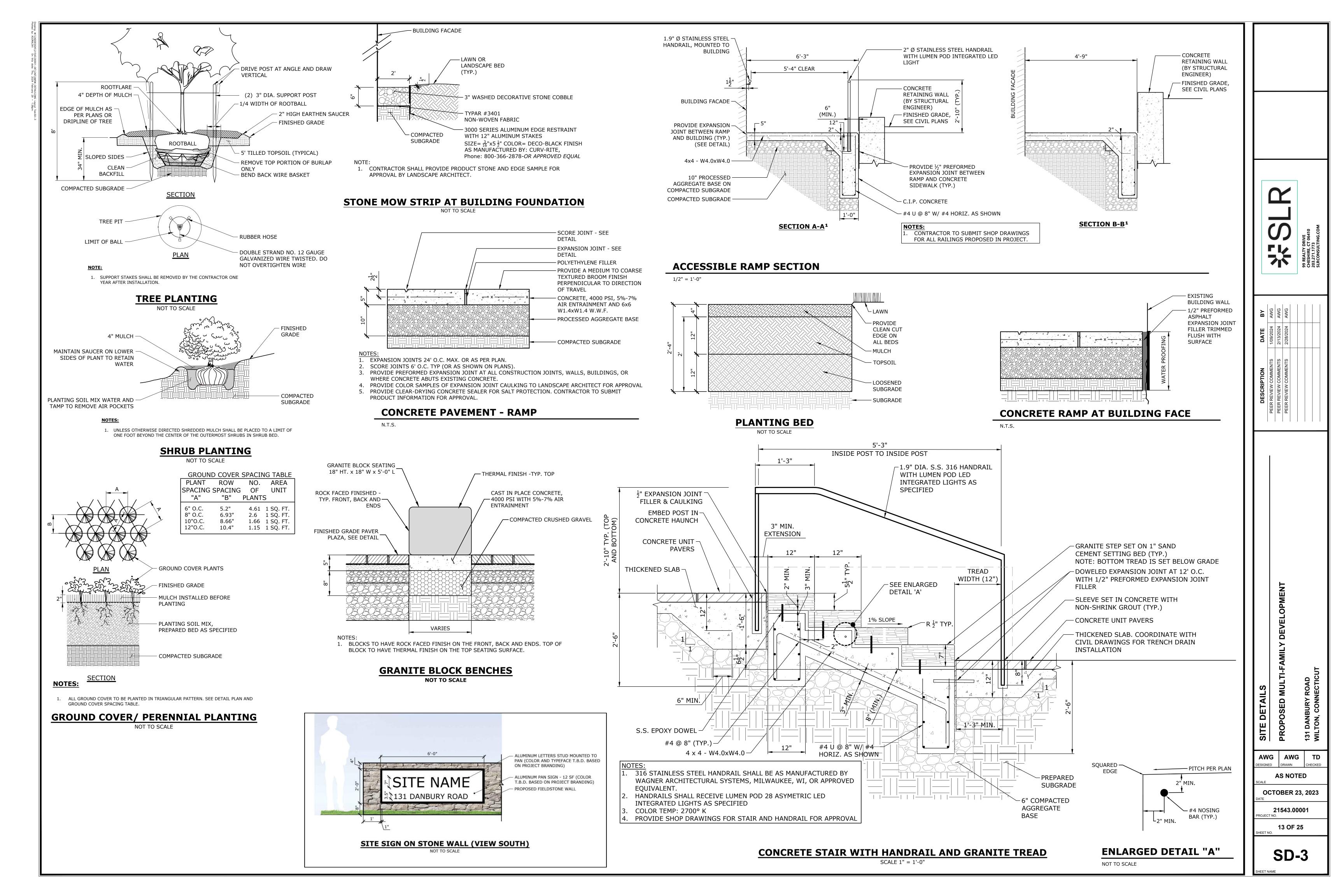
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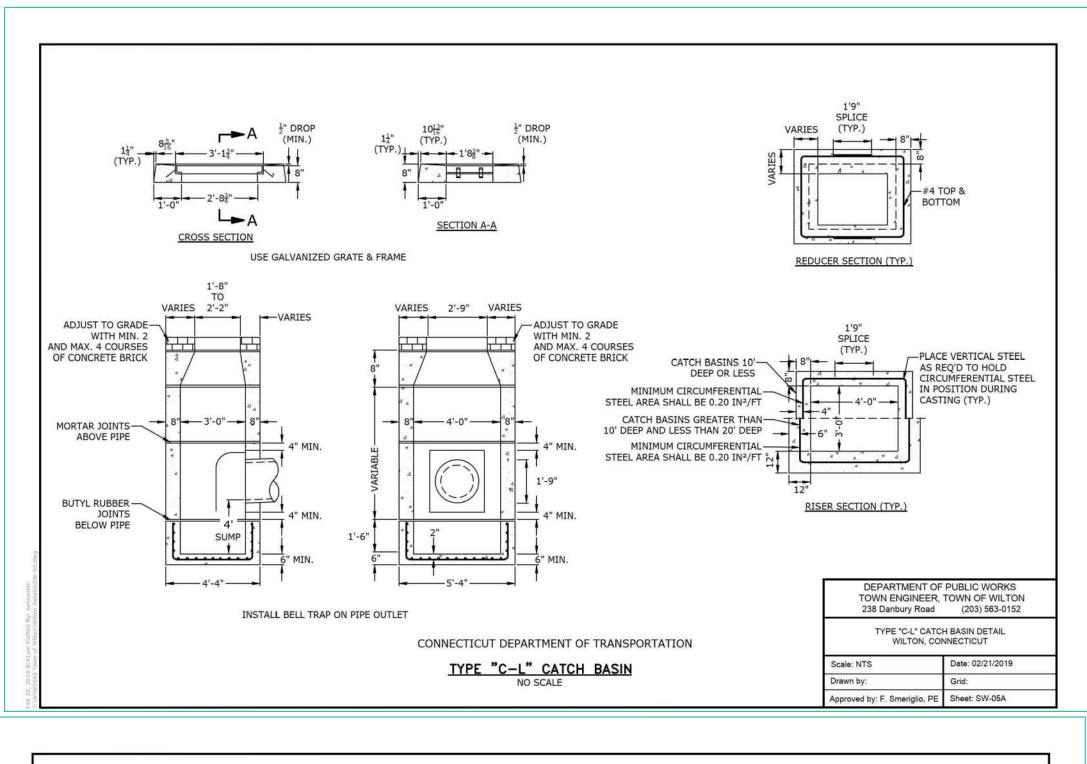
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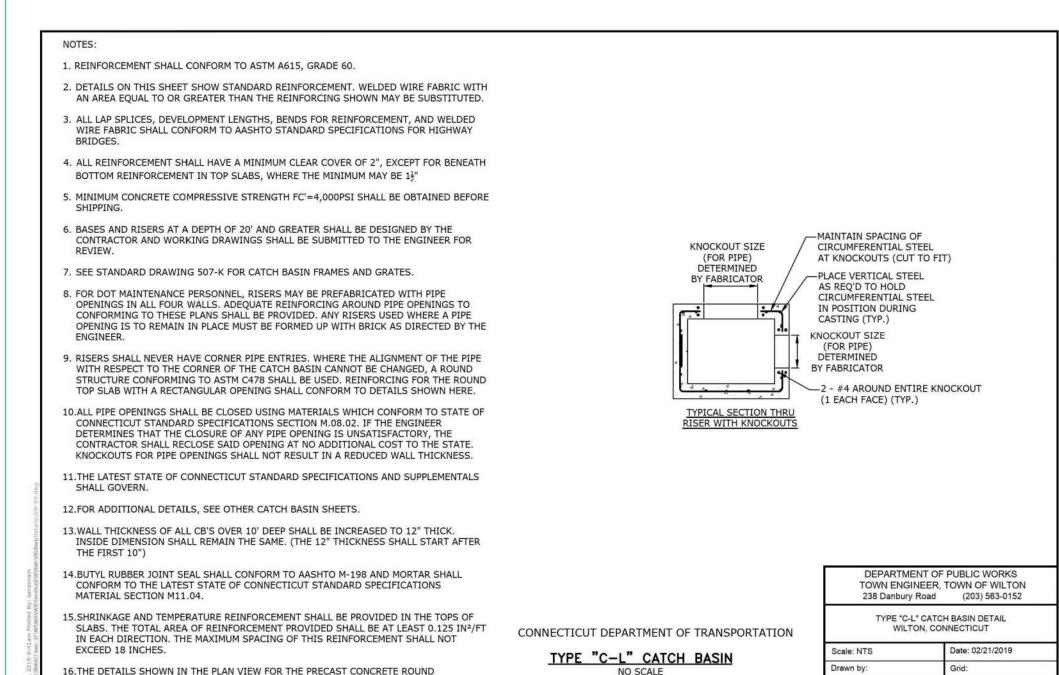
Copyright SLR International Corporation - 2

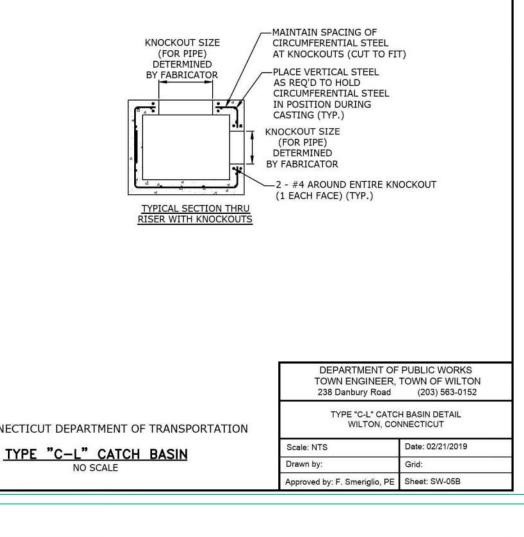












MAINTAIN SPACING OF

-PLACE VERTICAL STEEL

IN POSITION DURING

(1 EACH FACE) (TYP.)

AS REQ'D TO HOLD

CASTING (TYP.)

KNOCKOUT SIZE

(FOR PIPE)

BY FABRICATOR

CIRCUMFERENTIAL STEEL

AT KNOCKOUTS (CUT TO FIT)

-2 - #4 AROUND ENTIRE KNOCKOUT

DEPARTMENT OF PUBLIC WORKS TOWN ENGINEER, TOWN OF WILTON

238 Danbury Road (203) 563-0152

Date: 02/21/2019

TYPE "C" CATCH BASIN DETAIL WILTON, CONNECTICUT

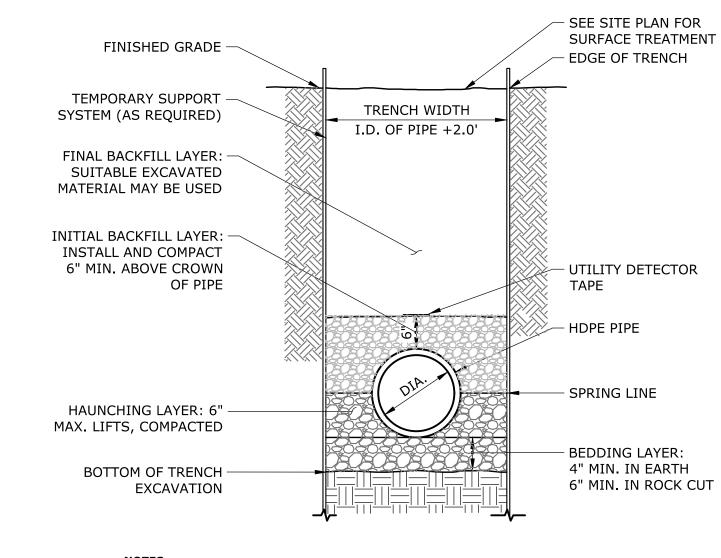
pproved by: F. Smeriglio, PE | Sheet: SW-01B

KNOCKOUT SIZE

Y FABRICATO

CONNECTICUT DEPARTMENT OF TRANSPORTATION

TYPE "C" CATCH BASIN

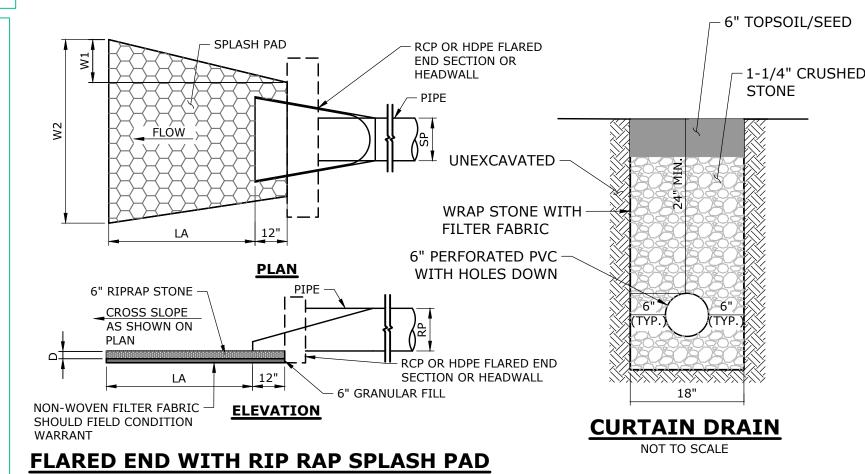


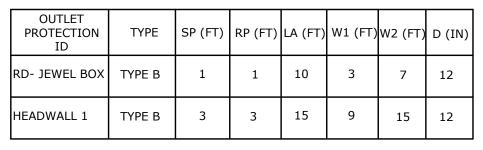
1. BACKFILL MATERIAL USED IN BEDDING, HAUNCHING, AND INITIAL BACKFILL LAYERS SHALL BE 3/4" CRUSHED STONE AND SHOULD BE APPROVED BY THE ENGINEER.

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





RIP RAP SPLASH PAD SIZING

H = TOTAL HEIGHT OF ENDWALL

D = INSIDE DIAMETER OF PIPE

L = LENGTH OF WALL = 3S+D

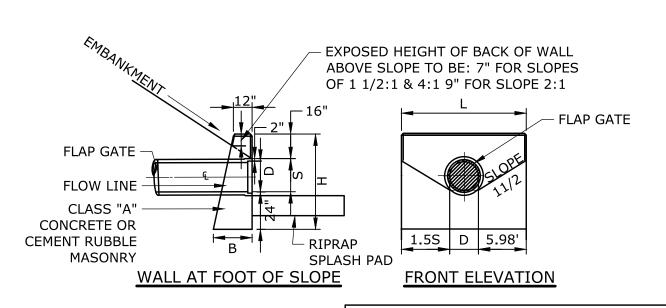
CHAMFERED APPROXIMATELY 1"

S = HEIGHT OF SLOPE ABOVE FLOW

LINE AT FACE OF WALL-MINIMUM = D+2

ALL EDGES OF EXPOSED SURFACES TO BE

B = BASE

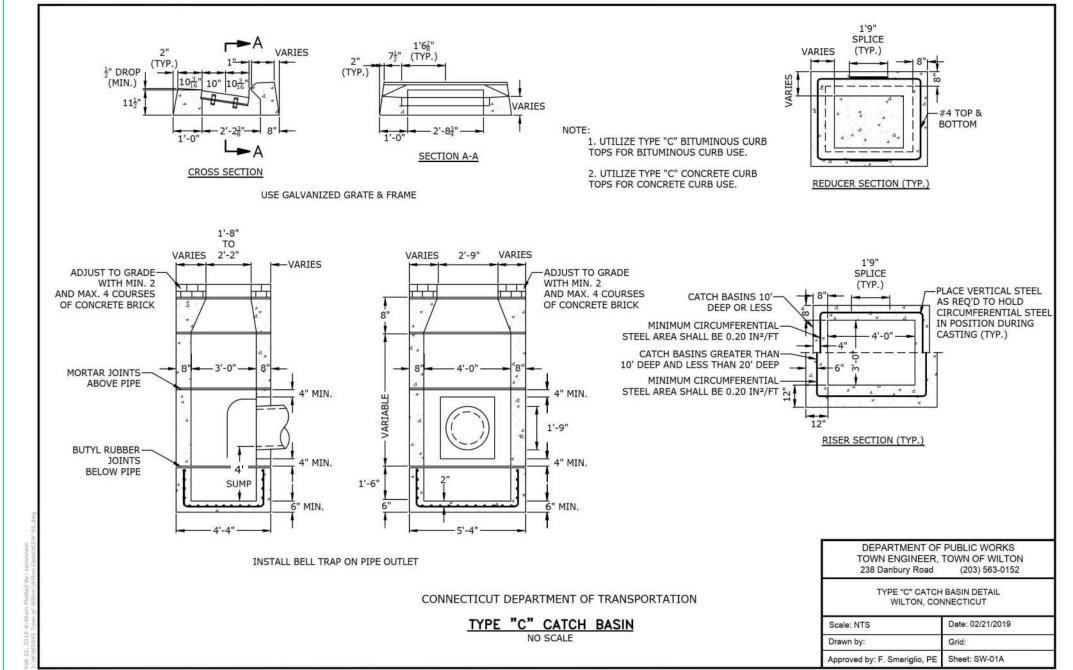


	DIMENSIONS AND QUANTITIES FOR ONE ENDWALL BASED ON S = D+2						
D	S	Н	L	BATTER	В	VOL.	
INS.	FT. & IN.	FT. & IN.	FT. & IN.	IN.	FT. & IN.	C.Y.	
12"	1' 2"	4' 6"	4' 6"	2 1/2"	1' 11 1/4"	1.10	
15"	1' 5"	4' 9"	5' 6"	2 1/2"	1' 11 7/8"	1.45	
18"	1' 8"	5'	6' 6"	2 1/2"	2' 1/2"	1.83	
24"	2' 2"	5' 6"	8' 6"	2 1/2"	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



FRAME & COVER

CO. PATTERN NO.

1202 "STORM" OR

APPROVED EQUAL

48" CONE

CAMPBELL FOUNDRY

BITUMINOUS SEALER

ALTERNATE JOINT

ADJUST TO GRADE WITH MIN. OF

2 AND MAX. OF FOUR COURSES

MANHOLE ECCENTRIC CONE

- LIFTING HOLES (TYP.)

(FILL WITH MORTAR)

REQUIRED

5" WALL

PIPES MIN. 4" FROM TOP & BOTTOM OF

∠ CONCRETE OR BRICK

48" PRECAST MANHOLE

& MORTAR INVERT

- PRECAST REINFORCED CONCRETE

- WELDED WIRE FABRIC (TYP.)

 PRECAST REINFORCED CONCRETE TONGUE AND GROOVE RISER

- PREFORMED PLASTIC GASKET OR FLEXIBLE WATERTIGHT RUBBER

5' OR 6' DIA. PRECAST BASES

DUR TO SIZE OR NUMBER OF

PLACED ABOVE THE 5' & 6'

BASES AS DIRECTED BY THE

INSIDE DIAMETER INCREASE

ENGINEER. WALL YHICKNESS T

DEPARTMENT OF PUBLIC WORKS

OWN ENGINEER, TOWN OF WILTON

Date: 02/21/2019

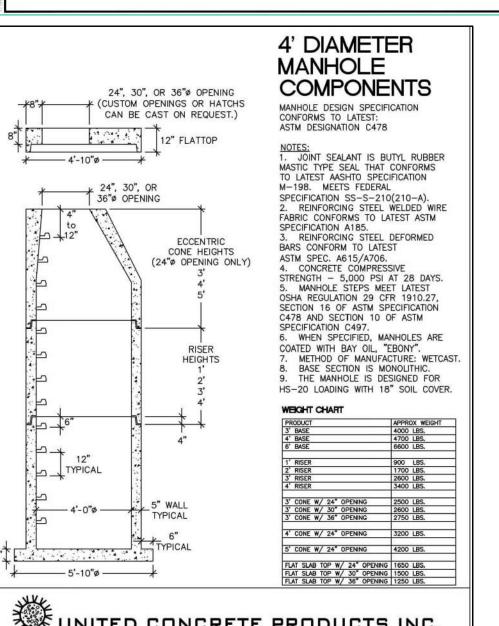
238 Danbury Road (203) 563-0152

48" PRECAST MANHOLE

pproved by: F. Smeriglio, PE | Sheet SW-02

PIPES AT THE MANHOLE

MAY BE USED WHEN REQUIRED



STRUCTURES SHALL ALSO BE USED FOR CONVERTING MANHOLES TO CATCH BASINS.

EQUAL TO OR GREATER THAN THE REINFORCING SHOWN MAY BE SUBSTITUTED.

WORKING DRAWINGS SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW.

SEE STANDARD CTDOT DRAWING 507-K FOR CATCH BASIN FRAMES AND GRATES.

SHALL CONFORM TO AASHTO STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES.

DETAILS ON THIS SHEET SHOW STANDARD REINFORCEMENT. WELDED WIRE FABRIC WITH AN AREA

ALL LAP SPLICES, DEVELOPMENT LENGTHS, BENDS FOR REINFORCEMENT, AND WELDED WIRE FABRIC

ALL REINFORCEMENT SHALL HAVE A MINIMUM CLEAR COVER OF 2", EXCEPT FOR BENEATH BOTTOM

MINIMUM CONCRETE COMPRESSIVE STRENGTH FC'=4,000PSI SHALL BE OBTAINED BEFORE SHIPPING.

BASES AND RISERS AT A DEPTH OF 20' AND GREATER SHALL BE DESIGNED BY THE CONTRACTOR AND

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

RISERS SHALL NEVER HAVE CORNER PIPE ENTRIES. WHERE THE ALIGNMENT OF THE PIPE WITH

CONFORMING TO ASTM C478 SHALL BE USED. REINFORCING FOR THE ROUND TOP SLAB WITH A

CONNECTICUT STANDARD SPECIFICATIONS SECTION M.08.02. IF THE ENGINEER DETERMINES THAT

OPENING AT NO ADDITIONAL COST TO THE STATE. KNOCKOUTS FOR PIPE OPENINGS SHALL NOT

E CLOSURE OF ANY PIPE OPENING IS UNSATISFACTORY, THE CONTRACTOR SHALL RECLOSE SAI

3. WALL THICKNESS OF ALL CB'S OVER 10' DEEP SHALL BE INCREASED TO 12" THICK. INSIDE DIMENSION

4. BUTYL RUBBER JOINT SEAL SHALL CONFORM TO AASHTO M-198 AND MORTAR SHALL CONFORM TO THE

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.

16. THE DETAILS SHOWN IN THE PLAN VIEW FOR THE PRECAST CONCRETE ROUND STRUCTURES SHALL

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.

RESPECT TO THE CORNER OF THE CATCH BASIN CANNOT BE CHANGED, A ROUND STRUCTURE

ALL PIPE OPENINGS SHALL BE CLOSED USING MATERIALS WHICH CONFORM TO STATE OF

1. THE LATEST STATE OF CONNECTICUT STANDARD SPECIFICATIONS AND SUPPLEMENTAL SHALL

SHALL REMAIN THE SAME. (THE 12" THICKNESS SHALL START AFTER THE FIRST 10")

THE MAXIMUM SPACING OF THIS REINFORCEMENT SHALL NOT EXCEED 18 INCHES.

LATEST STATE OF CONNECTICUT STANDARD SPECIFICATIONS MATERIAL SECTION M11.04.

REINFORCEMENT SHALL CONFORM TO ASTM A615, GRADE 60.

REINFORCEMENT IN TOP SLABS, WHERE THE MINIMUM MAY BE $1\frac{1}{2}$ "

FORMED UP WITH BRICK AS DIRECTED BY THE ENGINEER.

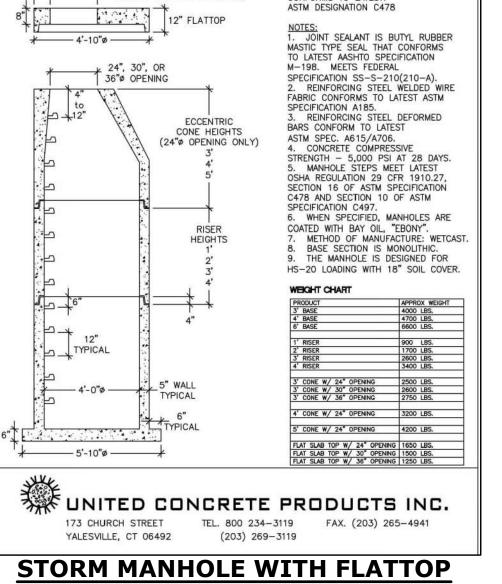
12. FOR ADDITIONAL DETAILS, SEE OTHER CATCH BASIN SHEETS.

ALSO BE USED FOR CONVERTING MANHOLES TO CATCH BASINS.

7. SET CATCH BASIN TOPS ON 6" MINIMUM BRICK OR BLOCK LEVELING COURSE.

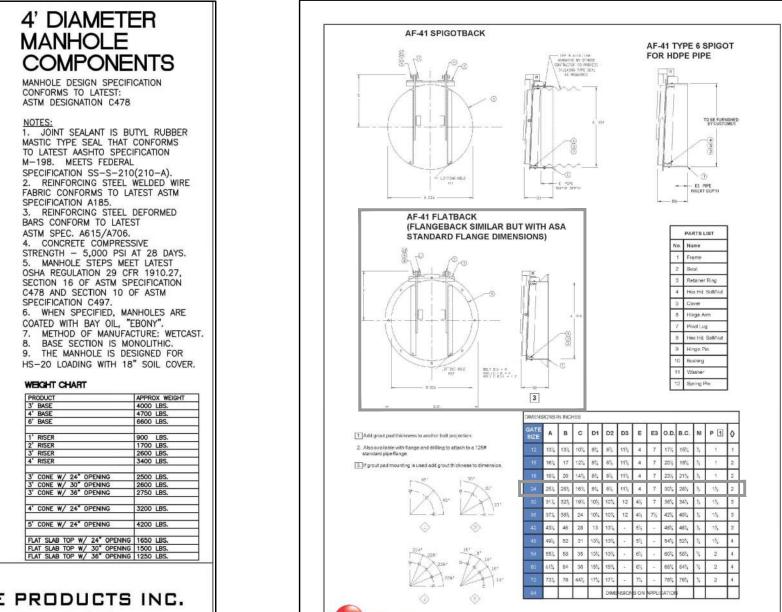
RESULT IN A REDUCED WALL THICKNESS.

RECTANGULAR OPENING SHALL CONFORM TO DETAILS SHOWN HERE



(AS NEEDED FOR SHALLOWER INVERTS)

WALL MOUNTED FLAP GATE



AWG AWG TD **AS NOTED**

OCTOBER 23, 2023

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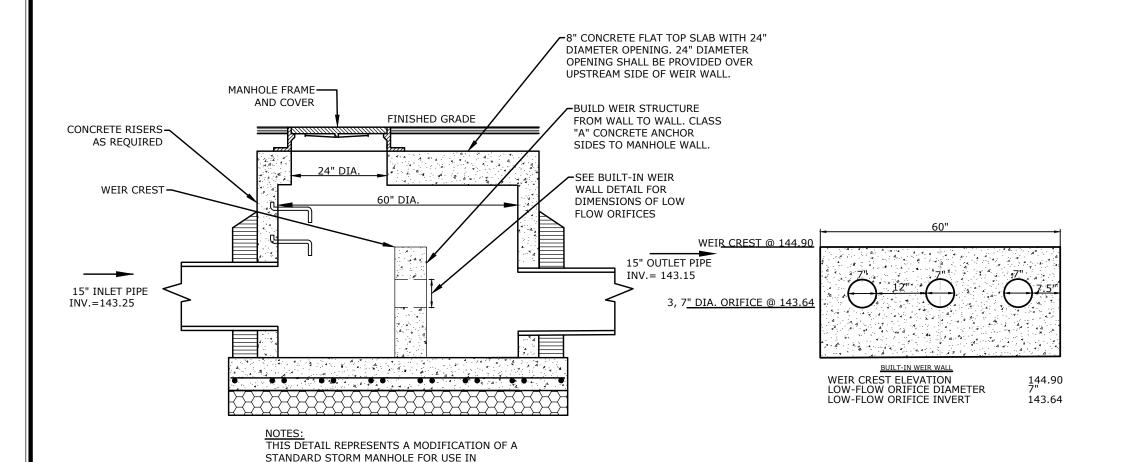
14 OF 25

SD-4

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

FOR STANDARD DIMENSIONS AND NOTES.

SCALE: ½"=1'



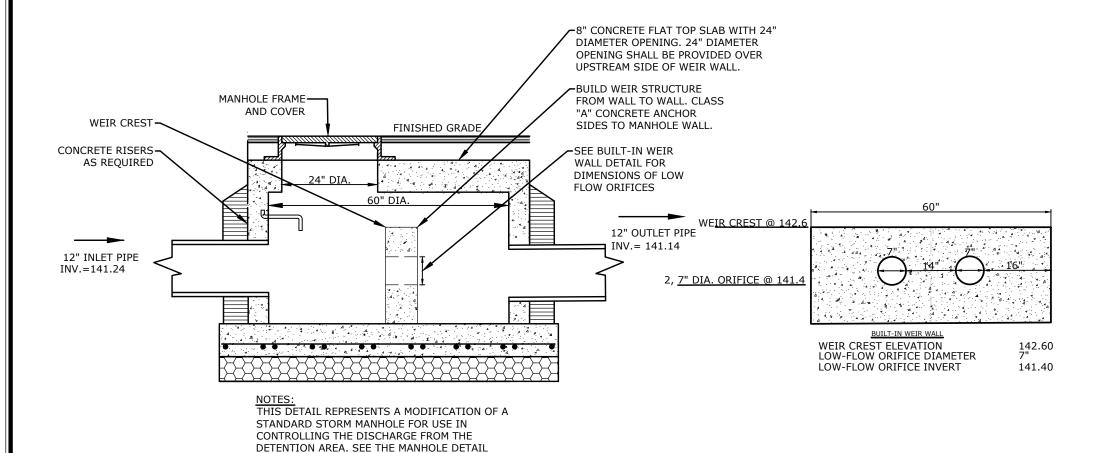
OUTLET CONTROL STRUCTURE FOR UNDERGROUND DETENTION SYSTEM 2 (MH 15)

CONTROLLING THE DISCHARGE FROM THE

FOR STANDARD DIMENSIONS AND NOTES.

DETENTION AREA. SEE THE MANHOLE DETAIL

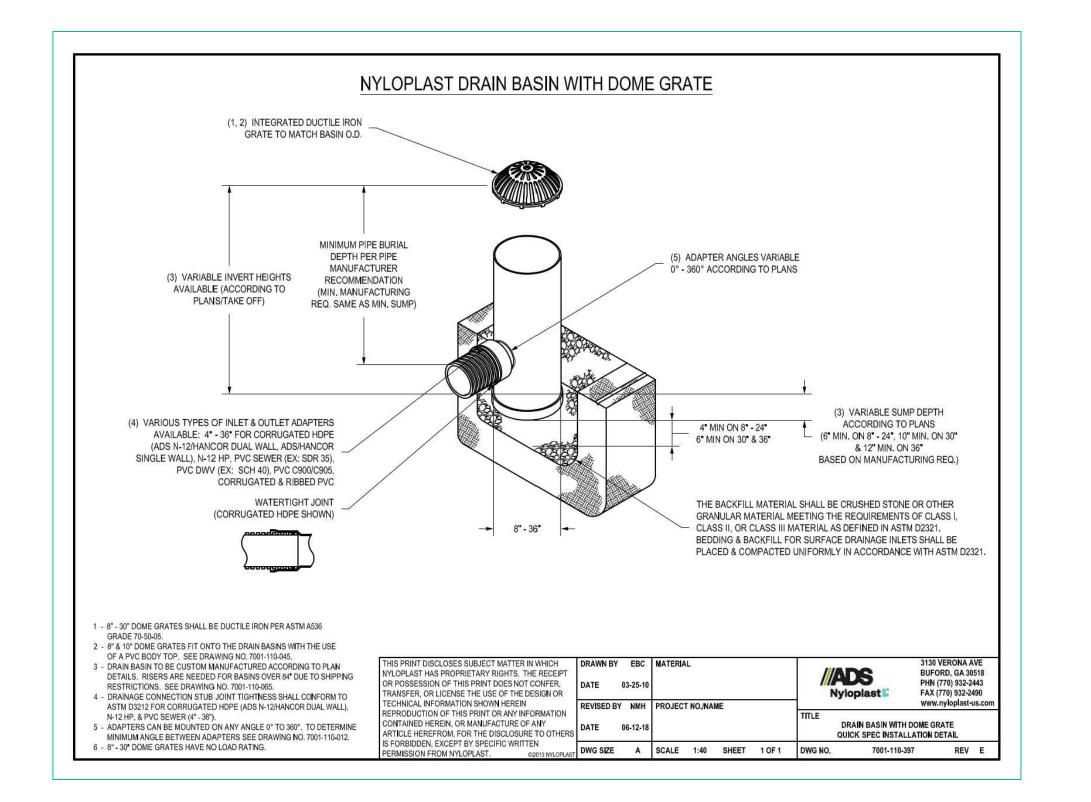
SCALE: ½"=1'

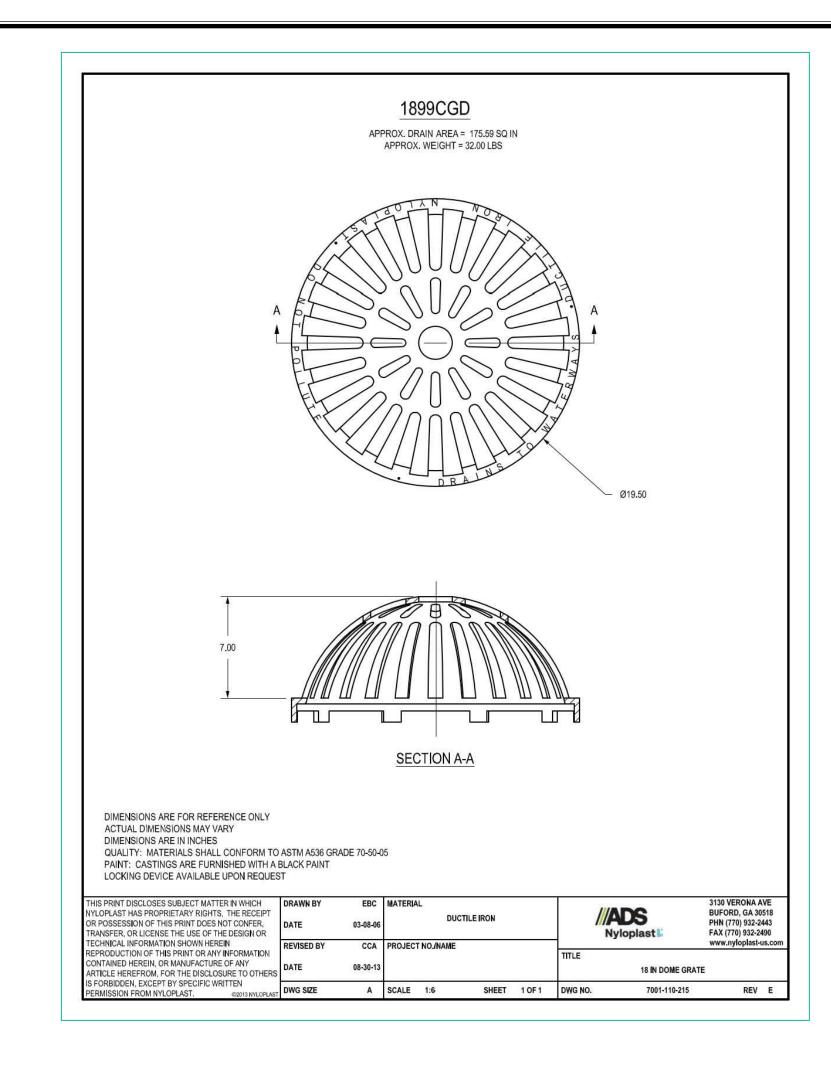


OUTLET CONTROL STRUCTURE FOR UNDERGROUND DETENTION SYSTEM 3 (MH 4)

FOR STANDARD DIMENSIONS AND NOTES.

SCALE: \frac{1}{2}"=1'





STORMTECH SC-740 ISOLATOR ROW DETAIL

NOT TO SCALE

AWG AWG TD

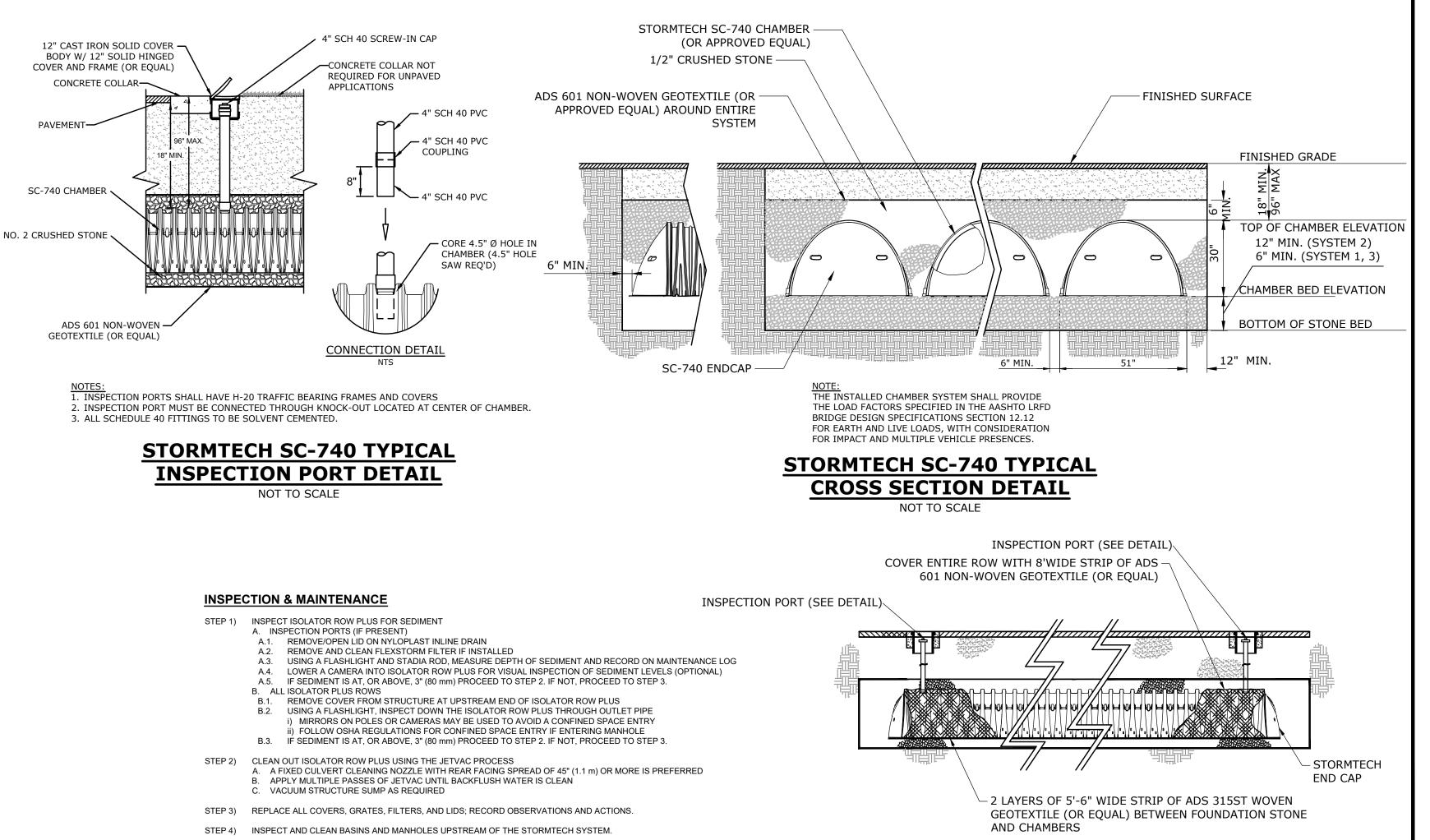
AS NOTED

OCTOBER 23, 2023

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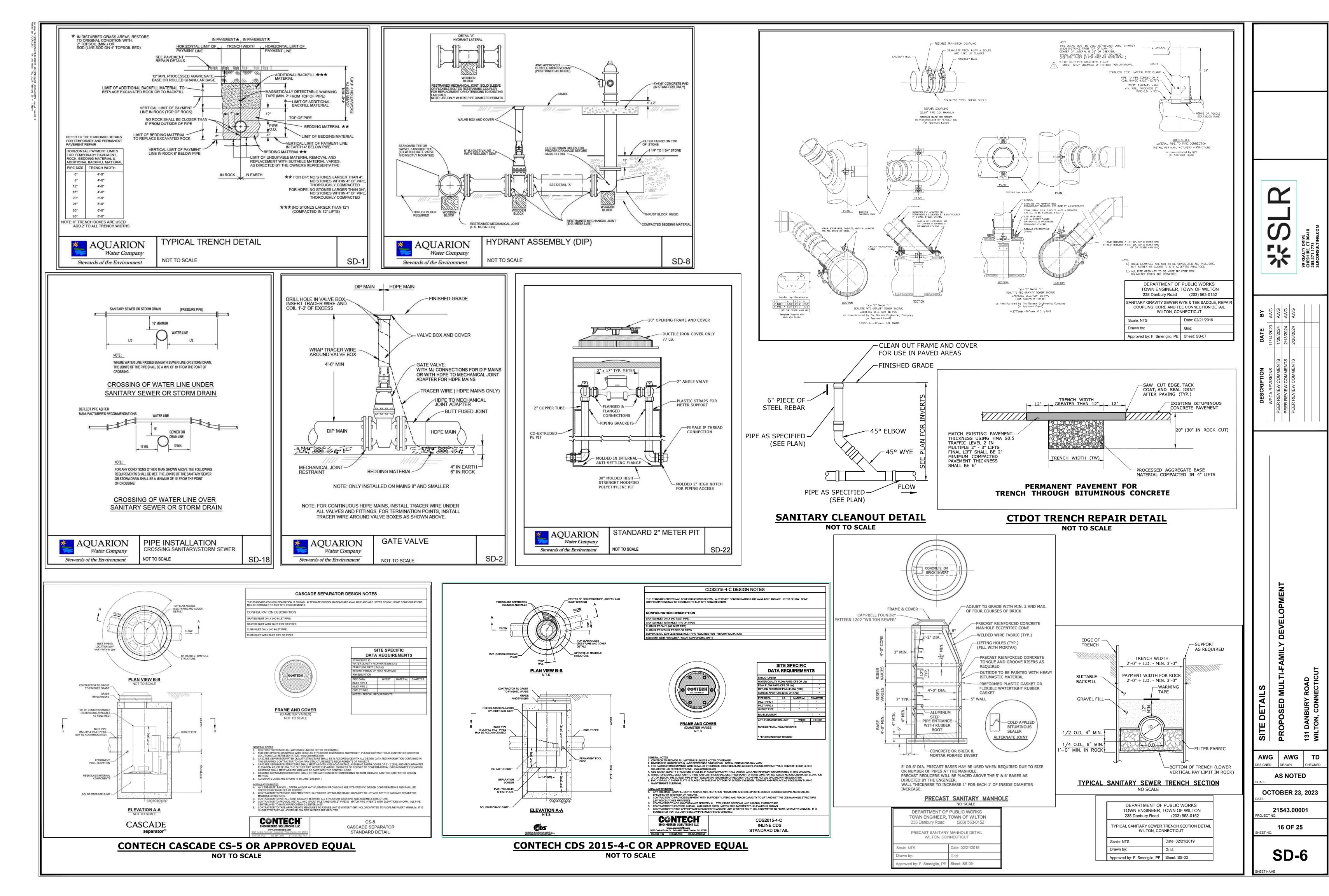
SD-5



1. INSPECT EVERY 6 MONTHS DURING THE FIRST YEAR OF OPERATION. ADJUST THE INSPECTION INTERVAL BASED ON PREVIOUS

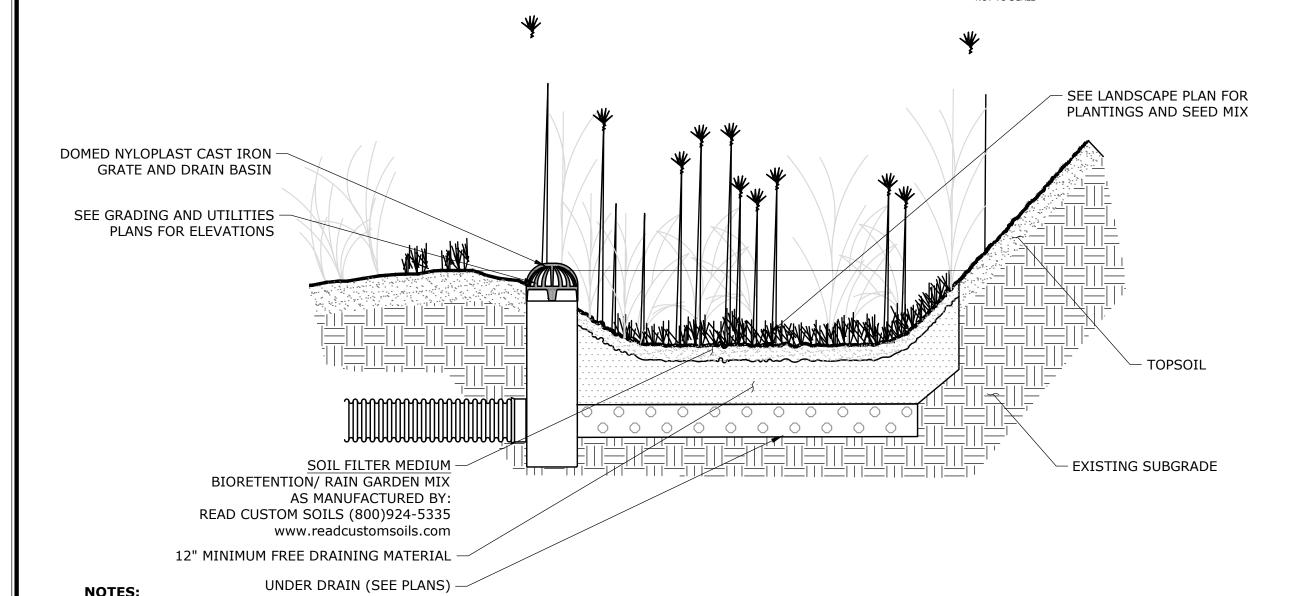
2. CONDUCT JETTING AND VACTORING ANNUALLY OR WHEN INSPECTION SHOWS THAT MAINTENANCE IS NECESSARY.

OBSERVATIONS OF SEDIMENT ACCUMULATION AND HIGH WATER ELEVATIONS.



4" MAX. CONCRETE FOOTING

ALUMINUM PICKET FENCE



- 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.

VARIES, SEE PLANS. (SEE TYPICAL SECTION)

- EXPANSION JOINT (TYP.)

PAVEMENT

CONCRETE FOOTING

FLUSH CONCRETE CURB EDGER

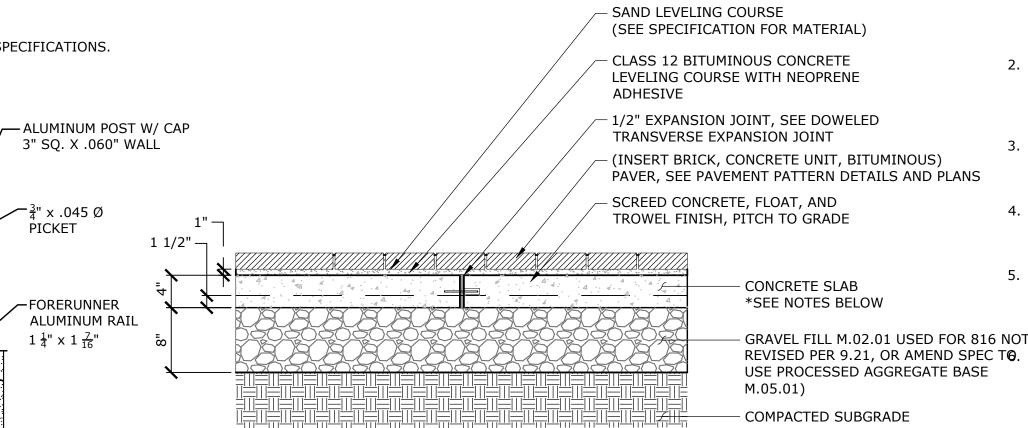
5"x18" CONCRETE CURBING SET FLUSH WITH ADJACENT

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

-12" DEPTH, 2" BROKEN STONE FLUSH CONCRETE -- FINISH GRADE VARIES - SEE GRADING PLAN PERVIOUS PAVERS — (SEE PLAN) - ESTABLISH LAWN DEPORTORY. GEOTEXTILE CONCRETE FOOTING

COBBLE FILTER STRIP



3" SQ. X .060" WALL

3" x .045 Ø

FORERUNNER

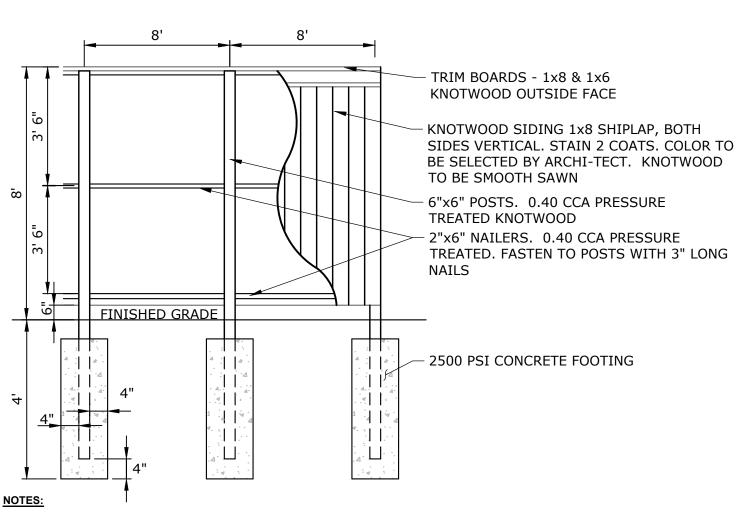
 $1\frac{1}{4}$ " x $1\frac{7}{16}$ "

ALUMINUM RAIL

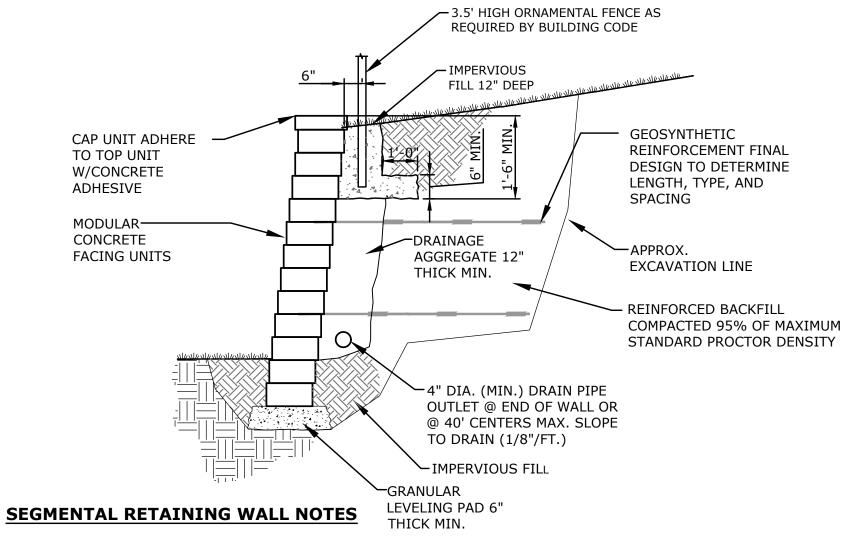
PICKET

- 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.
- 4.1. THE PAVER WALKING SURFACES ARE WITHIN 1/8" OF EACH OTHER AND ADJACENT FINISHED SURFACES (I.E. GRANITE CURB AND CONC. WALK)
- THE PAVERS HAVE NO JOINTS GREATER THAN 1/16" SAND SWEPT BETWEEN JOINTS IS VIBRATED AND WITHIN 3/16" OF THE PAVER WALKING SURFACE
- NO PAVER IS CRACKED OR BROKEN
- MASTIC IS NOT VISIBLE BETWEEN PAVERS OR ON ANY PAVER SURFACE 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



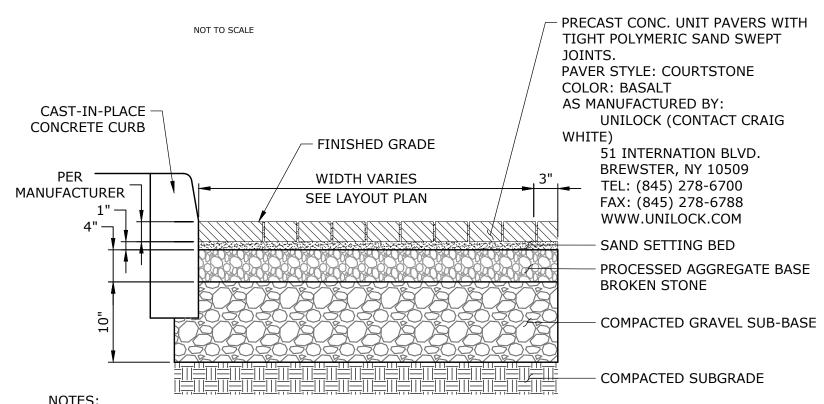
- 1. ALL FASTENERS ARE TO BE HOT DIP GALVANIZED.
- 2. SIDING IS TO BE CONTINUOUS AROUND END POST.
- 3. CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR WOOD SCREEN FENCE AT DUMPSTER AREA.
- 4. AT DUMPSTER AREA APPLY CEDAR SIDING ONLY TO OUTSIDE OF WOOD SCREEN FENCE. ADD CROSS BRACING AS NECESSARY.



- 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.

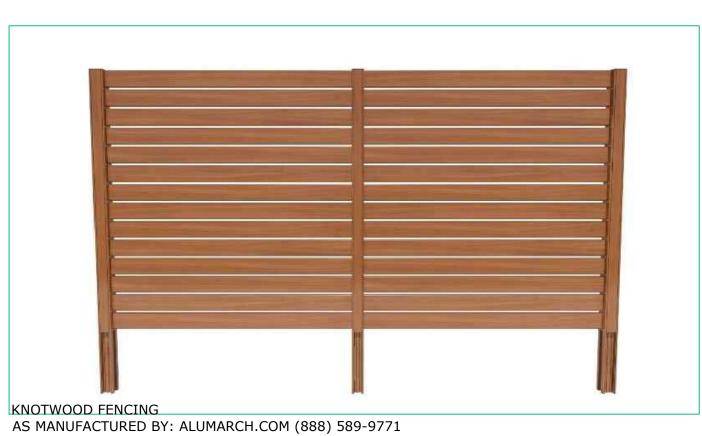
REVISED PER 9.21, OR AMEND SPEC TO. TOP OF WALL TO BE SET 6 INCHES ABOVE PROPOSED GRADE AT BACK OF WALL

MODULAR BLOCK RETAINING WALL



- 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



STYLE: HORIZONTAL FENCE ASSEMBLY WITH SPACERS COLOR: STANDARD WOOD GRAIN - WESTERN RED CEDAR

SOLID BOARD PRIVACY FENCE NOT TO SCALE

AS NOTED

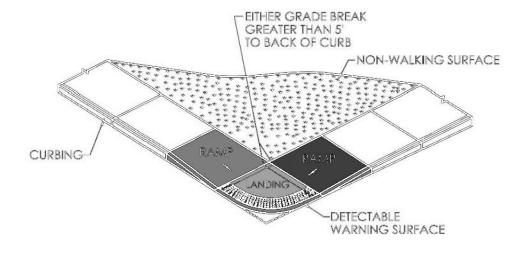
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AWG AWG TD **OCTOBER 23, 2023**

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SD-7

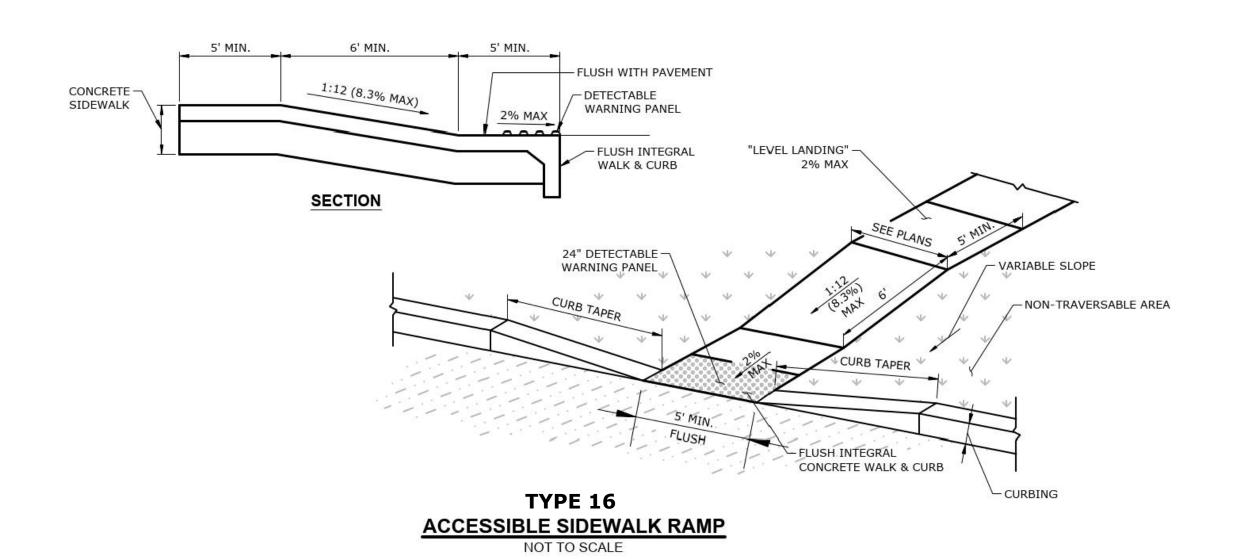


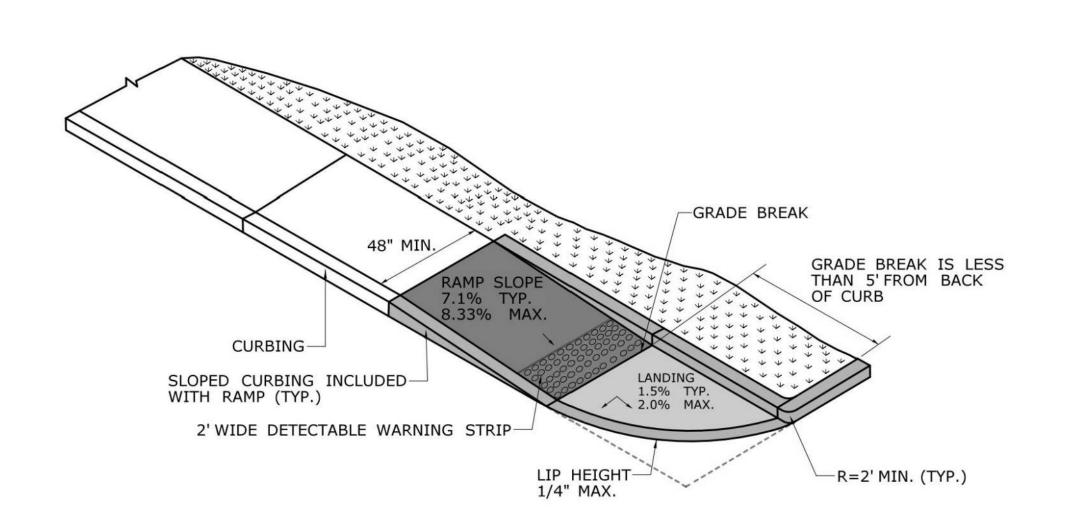
PERPENDICULAR RAMP(S)

GRADE BREAK GREATER THAN 5'

TYPE 2 SIDEWALK ABUTS ROADWAY

TYPE 4 SIDEWALK SEPARATED FROM ROADWAY
WITH NONWALK AREA





SINGLE DIRECTION RAMP
WITHOUT NON-WALKING SURFACE
GRADE BREAK LESS THAN 5'
(TYPE 15)

SP REALTY DRIVE CHESHIRE, CT 06410

DESCRIPTION	DATE	B	
WPCA REVISIONS	11/14/2023 AWG	AWG	1
PEER REVIEW COMMENTS	1/09/2024	AWG	
PEER REVIEW COMMENTS	2/13/2024	AWG	1 1
PEER REVIEW COMMENTS	2/28/2024	AWG	1 1
			Ì
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PROPOSED MULTI-FAMILY DEVELOPME

AND 131 DANBURY ROAD

AND CONTROLLS

AND CONTROLLS

AWG DESIGNED DRAWN CHECKED

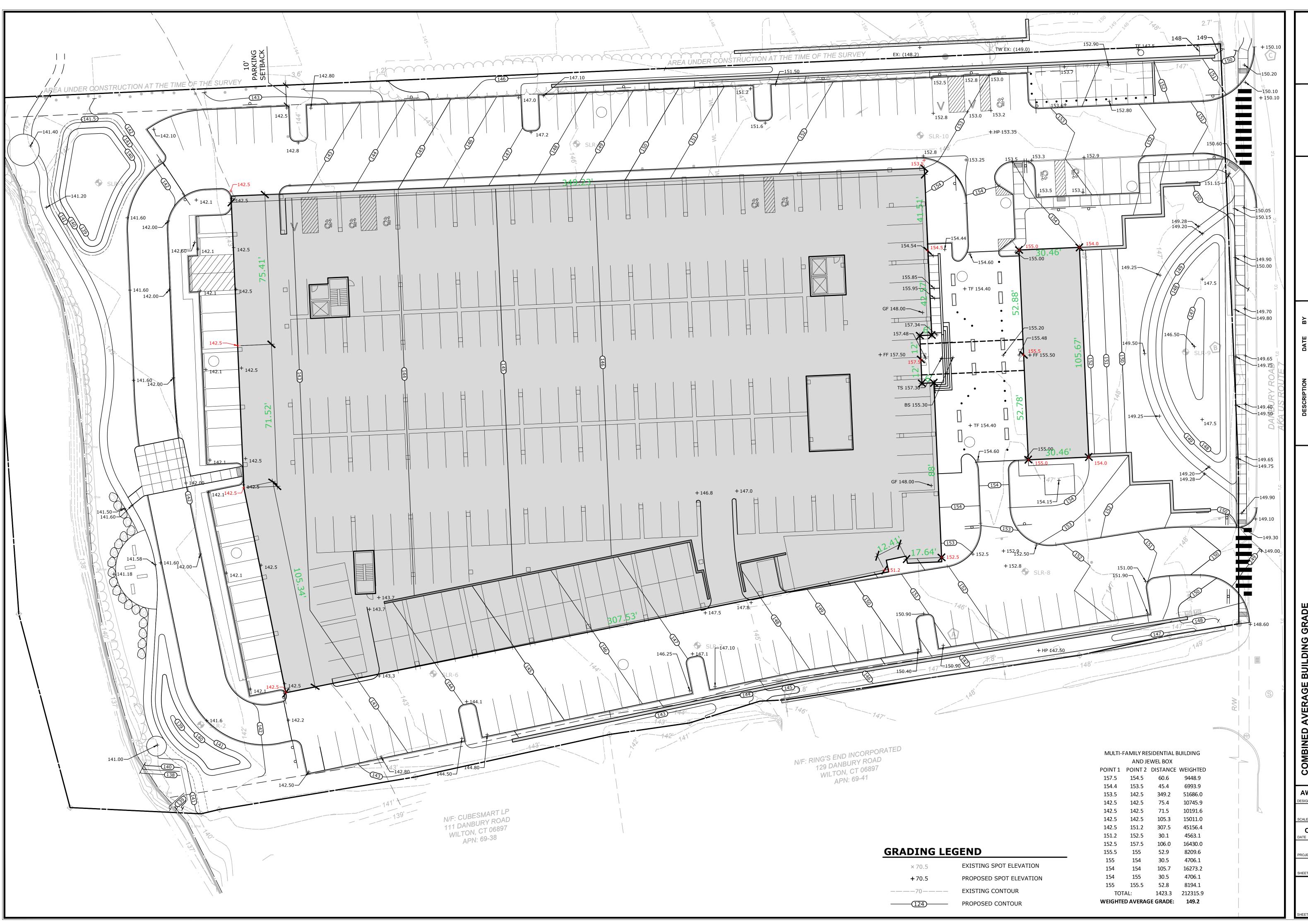
AS NOTED
SCALE

OCTOBER 23, 2023
DATE

21543.00001
PROJECT NO.

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SD-8



0' 10' 20' 0 1/2" 1"

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

MULTI-FAMILY DEVELOPMENT

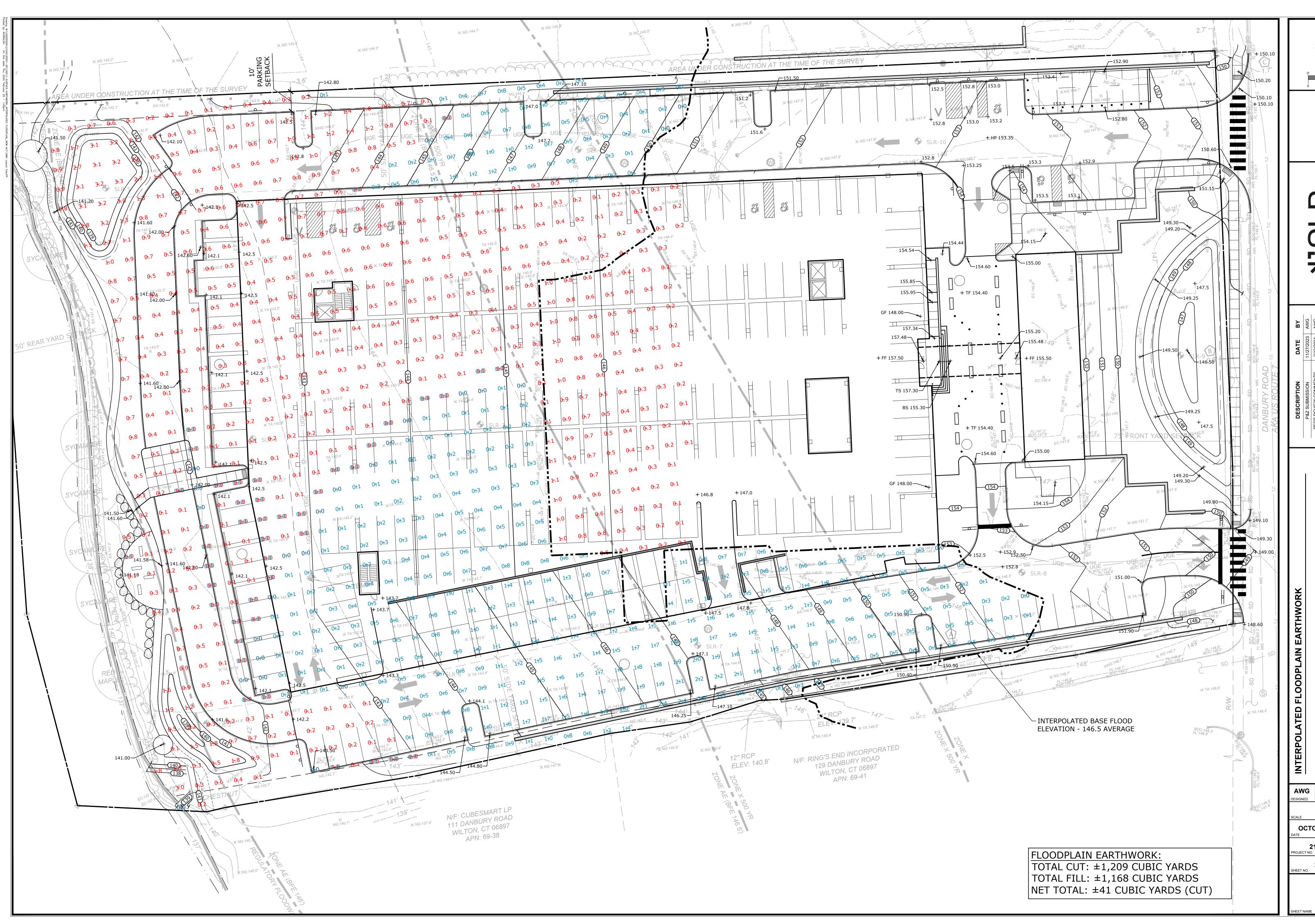
AWG AWG TD
DESIGNED DRAWN CHECKED

1"=20'
SCALE

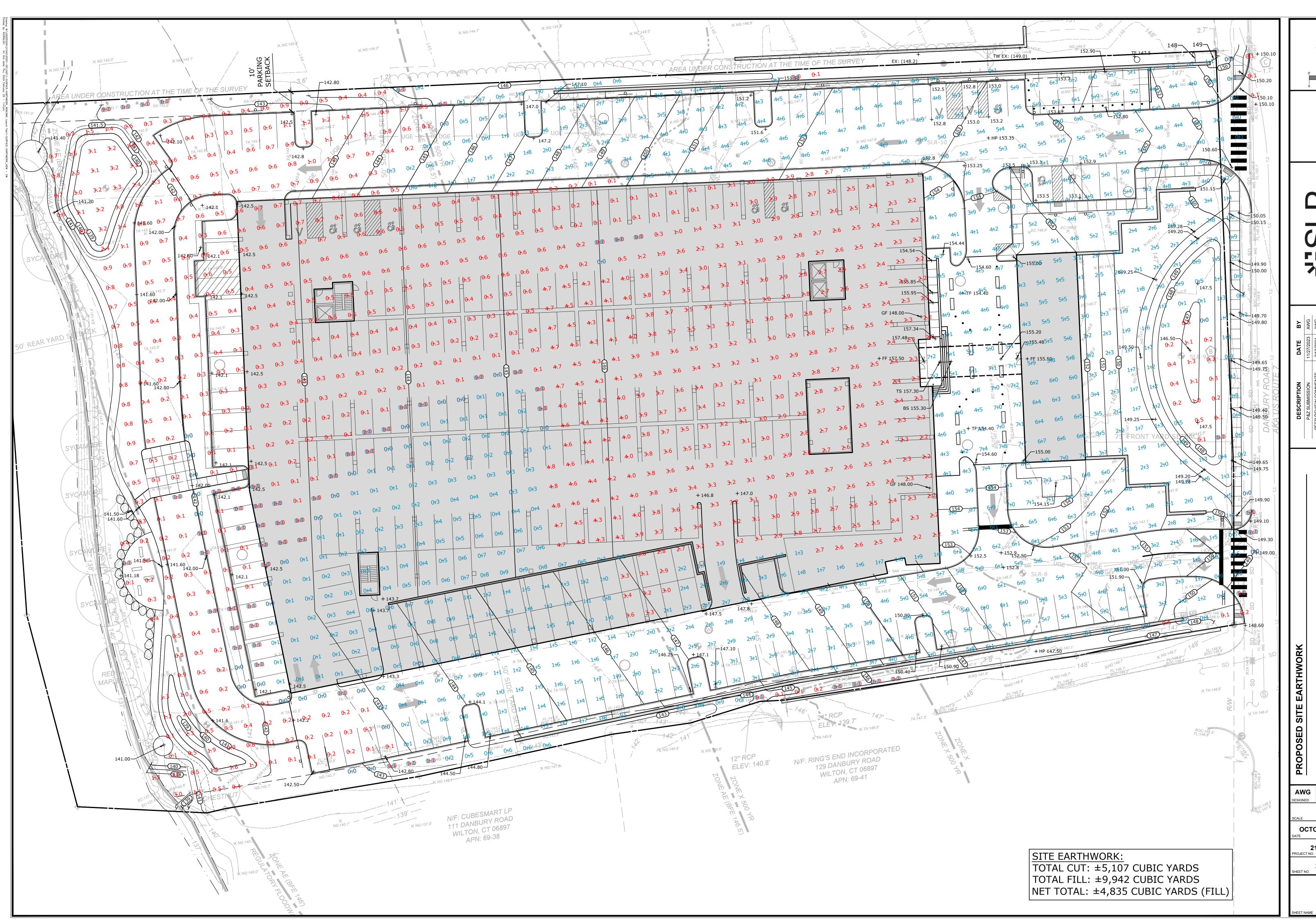
1"=20' OCTOBER 23, 2023 ATE

> 21543.00001 19 OF 25

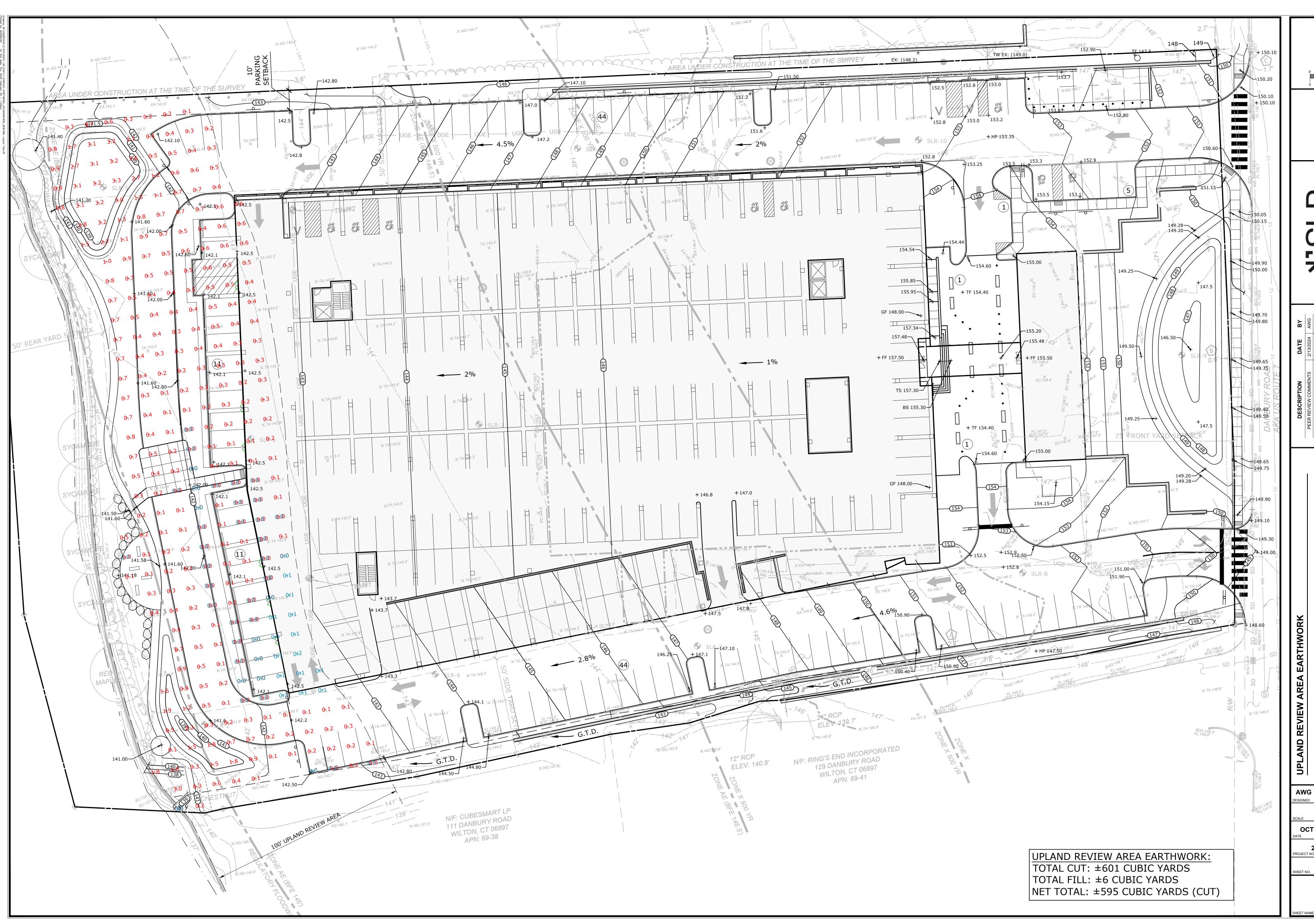
ABG



AWG AWG TD OCTOBER 23, 2023 **21543.00001** JECT NO. 20 OF 25 IFP



AWG AWG TD OCTOBER 23, 2023 **21543.00001** DJECT NO. 21 OF 25 **EW**



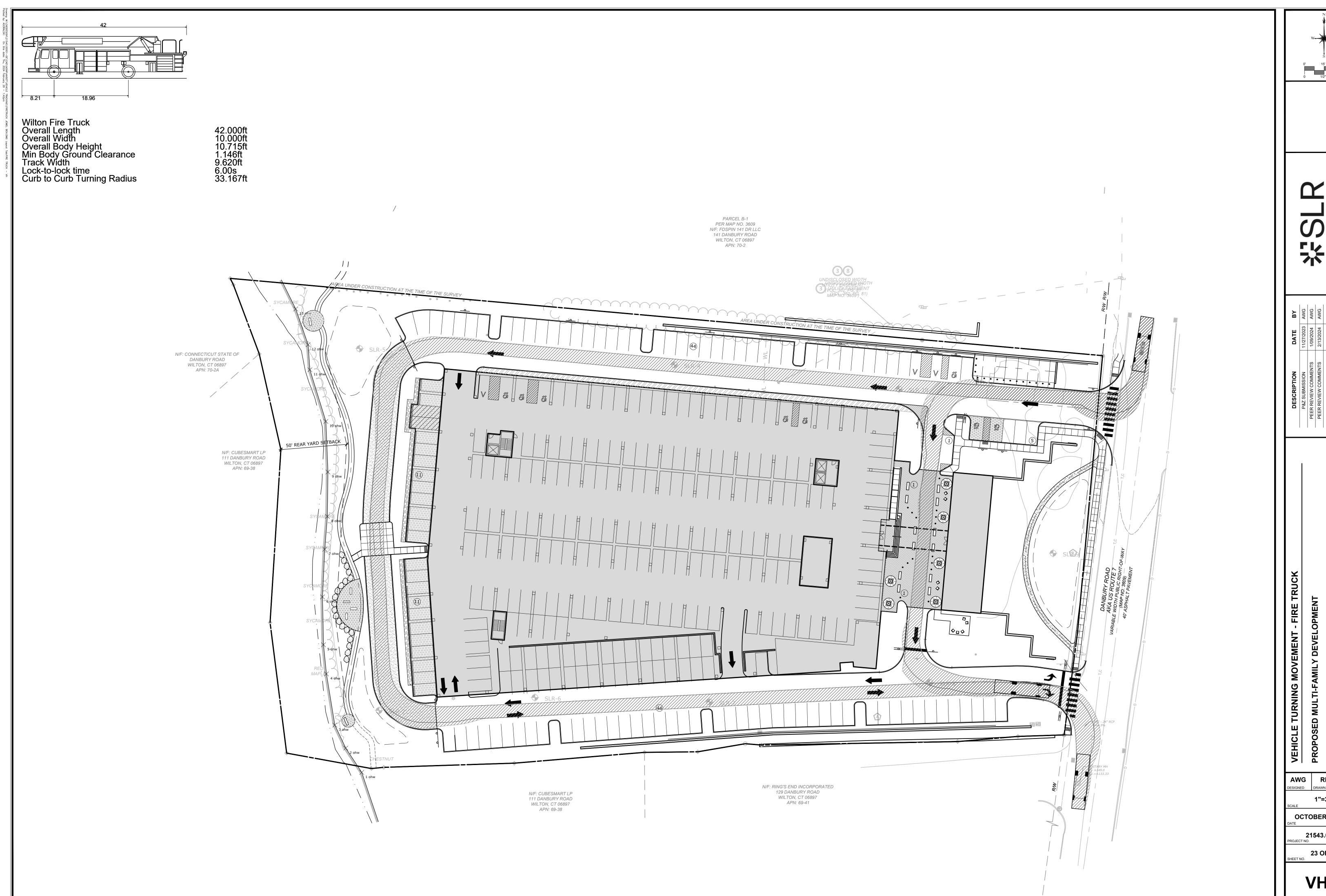
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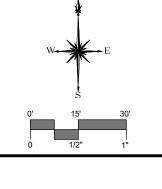
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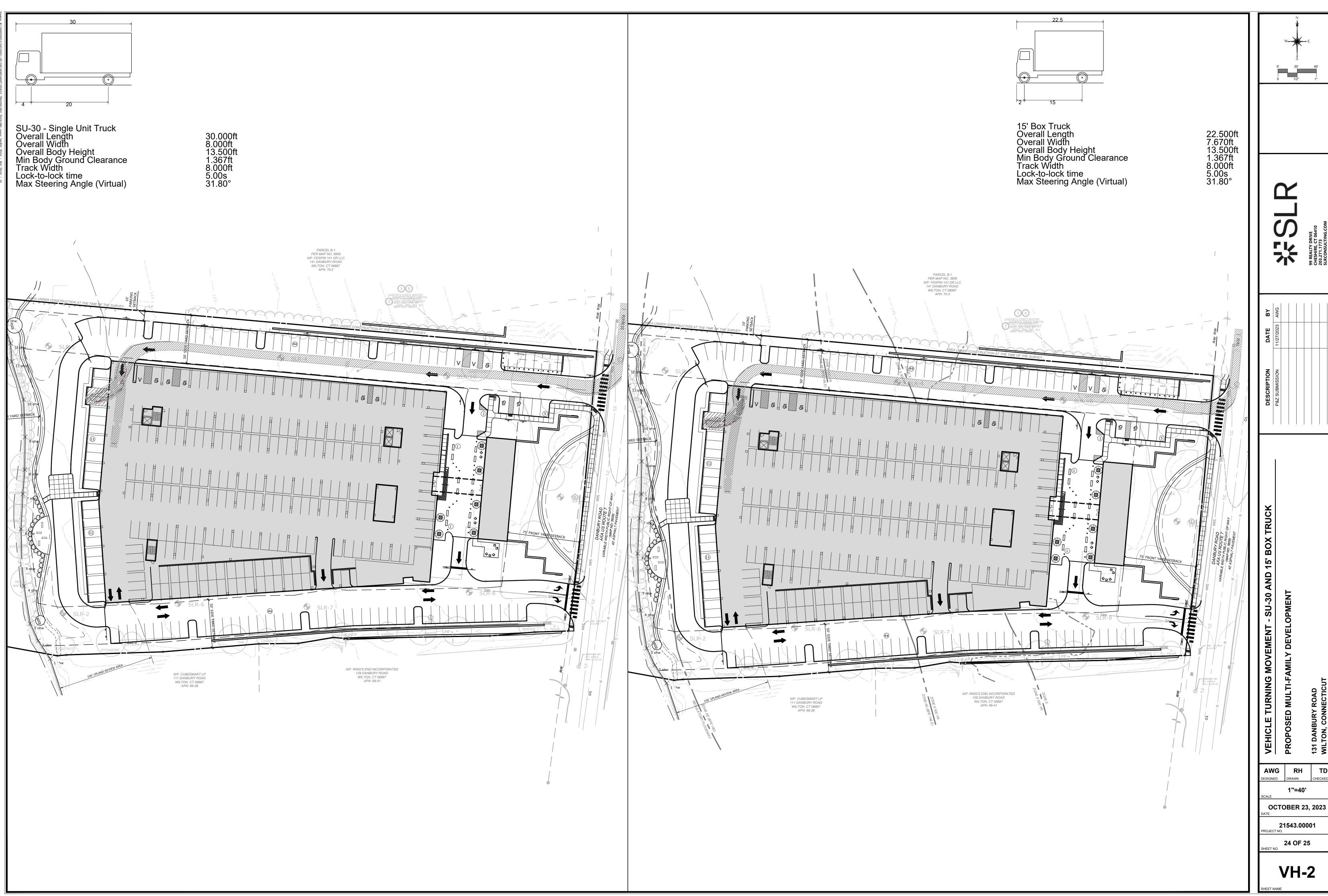


AWG RH 1"=30'

OCTOBER 23, 2023

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VH-1



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0.1 0.1 0.2 0.3 0.5 0.7

0.0 0.0 0.0 0.1 0.1 0.1 0.2 0.6 1.6 1.4

 $\begin{vmatrix} \dot{0}.0 & \dot{0}.0 \end{vmatrix} \begin{vmatrix} \dot{0}.0 & \dot{0}.0 \end{vmatrix} \begin{vmatrix} \dot{0}.0 & \dot{0}.3 \end{vmatrix} \begin{vmatrix} \dot{0}.7 & \dot{0}|1 \end{vmatrix} \begin{vmatrix} \dot{0}.7 & \dot{0}|2 \end{vmatrix} \begin{vmatrix} \dot{0}.9 & \dot{1}.6 \end{vmatrix}$

 $\stackrel{\downarrow}{0.0}$ $\stackrel{\downarrow}{0.0}$ $\stackrel{\downarrow}{0.0}$ $\stackrel{\downarrow}{0.0}$ $\stackrel{\downarrow}{0.1}$ $\stackrel{\downarrow}{0.1}$ $\stackrel{\downarrow}{0.2}$ $\stackrel{\downarrow}{0.5}$ $\stackrel{\downarrow}{1.2}$ $\stackrel{\downarrow}{2.0}$

0.0 0.0

0.0 0.0

 $\begin{vmatrix} 0.0 & 0.0 \\ 0.0 & 0.0 \end{vmatrix}$ $\begin{vmatrix} 0.0 \\ 0.0 & 0.0 \end{vmatrix}$ $\begin{vmatrix} 0.0 \\ 0.2 & 0.4 \end{vmatrix}$ $\begin{vmatrix} 0.1 \\ 0.2 &$

POLE LIGHT - FIXTURE

POLE LIGHT - POLE





0.0 0.0

 $\frac{1}{0.0}$ $\frac{1}$

 0.3° 0.3° 0.3° 0.2° 0.1 0.0 0.1 0.0 0.1 0.0 0.0

 $\begin{vmatrix} 1.5 & 1.6 & 1.9 \end{vmatrix} \begin{vmatrix} 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 & | 1.1 &$

 $0.2 \times 0.5 \times 0.8 \times 1.1 \times 0.9 \times 0.3 \times 0.1 \times 0.0 \times 0.0$

0.2 0.6 0.8 0.8 0.3 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0

BUILDING SCONCE

SPECIFIER: SLR CONSULTING

Luminaire Sche	dule								
Symbol	Qty	Label	Arrangement	Lum. Lumens	Lum. Watts	LLF	Description	[MANUFAC]	Filename
(16	В3	Single	492	6.1	0.748	PBL-42-14L-100-WW-G2-3-UNV-BK	PHILIPS	PBL-14L-100-NW-G2-3-UNV.ies
_								GARDCO	
(1	B5	Single	538	6.1	0.748	PBL-42-14L-100-WW-G2-5-UNV-BK	PHILIPS	PBL-14L-100-NW-G2-5-UNV.ies
								GARDCO	
$\overline{\Phi}$	2	SA3	Single	9120	73	0.850	HER-48-3-500-T3-VOLT-LT-BLK / DS210-	RAGNI	EVO2-ASY10-48L(2x8)G4-
							590A200-18-TBD-SUBLIMATION-DT-AB		3000K500mA.IES
	2	SA3H	Single	8084	73.1	0.850	HER-48-3-500-T3-VOLT-LT-BLK-HS / DS210-	RAGNI	EVO2-C13301-C17677BLK-48LED-
							590A200-18-TBD-SUBLIMATION-DT-AB		3000K-500 mA.IES
$\overline{\Phi}$	12	SA4H	Single	7359	73.1	0.850	HER-48-3-500-T4-VOLT-LT-BLK-HS / DS210-	RAGNI	EVO2-C13805-C17677BLK-48LED-
							590A200-18-TBD-SUBLIMATION-DT-AB		3000K-500 mA.IES
\oplus	86	TL	Single	669	10	0.850	BL9-D-W-A-S7	PHILIPS	BL9_10W_WW_med.ies
								HADCO	
oxdot	10	WP3	Single	3254	30	0.850	PWS-196L-650-WW-G3-3-UNV / Wall Mounted	GARDCO	PWS-196L-650-WW-G2-3-UNV.ies
							12ft		

Calculation Summary Avg Max Min Avg/Min Max/Min Description CalcType 1.81 5.8 0.3 6.03 19.33 10ft Grid Parking Lot Illuminance 5.7 0.0 N.A. N.A. 10ft Grid Illuminance 5.8 0.6 3.38 9.67 5ft Grid Illuminance

GENERAL DISCLAIMER: Calculations have been performed according to IES standards and good practice Some differences between measured values and calculated results may occur due to solie unferences between heasthed values and calculated results may occur due tolerances in calculation methods, testing procedures, component performance, measurement techniques and field conditions such as voltage and temperature variations. Input data used to generate the attached calculations such as room dimensions, reflectances, furniture and architectural elements significantly affect the lighting calculations. If the real environment conditions do not match the input data, differences will occur between measured values and calculated values * LLF Determined Using Current Published Lamp Data NOTE TO REVIEWER: Total Light Loss Factor (LLF) applied at time of design is determined by applying the Lamp Lumen Depreciation (LLD) from current lamp manufacturer's catalog, a Luminaire Dirt Depreciation Factor (LDD) based on IES recommended values and a Ballast Factor (BF) from current ballast specification sheets. Application of an incorrect Light Loss Factor (LLF) will result in forecasts of performance that will not accurately depict actual results. 20-30 BEAVER ROAD, WETHERSFIELD, CT 06109

For proper comparison of photometric layouts, it is essential that you insist all designers use correct Light Loss Factors.



TELEPHONE 860.632.8766 / WWW.APEXLTG.COM

AMS WILTON 131 DANBURY RD WILTON, CT

DRAWING TITLE:

PROJECT TITLE:

SITE LIGHTING PHOTOMETRIC CALCULATION

ILE NAME: 2024-02-07 SL-1C AMS WILTON - 131 DANBURY RD - WILTON, CT.dwg

DRAWN BY: LED/PD SHEET:

SCALE: 1"=20'-0"

DATE: 2/7/24