GENERAL NOTES

- 1. REFERENCES ARE MADE TO THE FOLLOWING MAPS:
 - A. BOUNDARY AND TOPOGRAPHIC INFORMATION IS BASED UPON AN A-2 / T-2 SURVEY PREPARED BY SLR INTERNATIONAL CORPORATION, ENTITLED "TOPOGRAPHIC SURVEY". DATED: OCTOBER 19, 2021 AT A SCALE OF 1"=40'.
 - B. "SITE PLAN OF DEVELOPMENT FOR PEOPLESBANK, CEDAR AVE AND BUCKLAND RD, SOUTH WINDSOR CONNECTICUT", DATED: JANUARY 18, 2022, SCALE: 1"=30', PREPARED BY: SLR INTERNATIONAL CORPORATION.
- 2. HORIZONTAL DATUM: NAD 1983, VERTICAL DATUM: NAVD 1988.
- INFORMATION REGARDING THE LOCATION OF EXISTING UTILITIES HAS BEEN BASED UPON AVAILABLE INFORMATION, 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. EXCEPT WHERE OVERHEAD PIPE BRIDGES CONNECT BETWEEN BUILDINGS. THE EXACT LOCATION AND SIZE OF ELECTRIC, TELEPHONE, CABLE TELEVISION AND GAS ARE TO BE DETERMINED BY THE RESPECTIVE UTILITY COMPANIES.
- ALL DIMENSIONS AND ELEVATIONS SHALL BE VERIFIED IN THE FIELD PRIOR TO CONSTRUCTION. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER.
- 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 OR SODDED, 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 SOUTH WINDSOR REQUIREMENTS AND TO THE APPLICABLE SECTIONS OF THE STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROADS, BRIDGES, AND INCIDENTAL CONSTRUCTION, FORM 818 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 SHOULD BE STORED IN A SECONDARY CONTAINER AND REMOVED TO A LOCKED INDOOR AREA WITH AN IMPERVIOUS FLOOR DURING NON-WORK HOURS.
- 13. THE BUILDING IS TO BE SERVED BY PUBLIC WATER AND SANITARY SEWER.
- 14. COMPLIANCE WITH THE PERMIT CONDITIONS IS THE RESPONSIBILITY OF BOTH THE CONTRACTOR AND THE PERMITTEE.
- 15. THE PROPERTY OWNER MUST MAINTAIN (REPAIR/REPLACE WHEN NECESSARY) THE SILTATION CONTROL UNTIL ALL DEVELOPMENT ACTIVITY IS COMPLETED AND ALL DISTURBED AREAS ARE PERMANENTLY STABILIZED.
- 16. PLANS PREPARED FOR REGULATORY APPROVAL ONLY.

ZONING DATA TABLE							
ZONE	GD						
SITE USE	RESTAURANT - FAST FOOD, RESTAURANT - FAST CASUAL, BANK (PREVIOUSLY APPROVED)						
	•						
	REQUIRED	EXISTING	APPROVED - FULL BUILD-OUT	APPROVED - BANK	PROPOSED		
MIN LOT AREA	3 acres	5.779 ACRES	5.779 ACRES	NO CHANGE	NO CHANGE		
MIN FRONTAGE	200'	520'	520'	NO CHANGE	NO CHANGE		
MIN LOT DEPTH	200'	440'	440'	NO CHANGE	NO CHANGE		
MIN FRONT SETBACK	65'	NONE	98.2'	98.2'	NO CHANGE		
MIN SIDE SETBACK ¹	25'	NONE	31.7'	31.7'	NO CHANGE		
MIN REAR SETBACK ¹	10'	NONE	>10'	>10'	NO CHANGE		
MAX IMPERVIOUS COVERAGE ²	60%	6.4%	49.7%	15.6%	56%		
MAX BUILDING HEIGHT ³	60 FEET/4 STORIES FOR ANY BUILDING THAT IS AT LEAST 125 FEET FROM A PUBLIC STREET RIGHT-OF-WAY 30 FEET/2 STORIES FOR ANY BUILDING LOCATED WITHIN 125 FEET OF THE PUBLIC STREET RIGHT-OF-WAY	NONE	±20'	±20'	±20.7'		
PARKING GENERATION	FINANCIAL: 1 SPACE PER 250 SQ. FT. OF GFA PLUS 1 PER EMPLOYEE (1/250*2,000 + 4 = 12) RESTAURANT: 1 SPACE PER 50 SQ. FT. OF GFA (1/50*(2,325+3,062+2400) = 156) RETAIL: 1 SPACE 200 SQ.FT. OF GFA (1/200*2200 = 11) TOTAL REQUIRED = 179 * 0.9 ⁵ = 162	NONE	240 ²	15	162		
EVSE PARKING SPACES ⁴	-NONE REQUIRED FOR 1-15 SPACES -FOR >16 SPACES, PROVIDE 3% OF PARKING TOTAL (ROUNDED UP) FOR APPLICATIONS BETWEEN 2012-2023 = 0.03*162 ⁵ = 5 SPACES	NONE	10	2	5		
LANDSCAPING	SEE NOTE 3						

I. SIDE OR REAR YARDS MAY BE IGNORED ALONG COMMON BOUNDARIES OF CONSOLIDATED LOTS. (ZONING REGULATION 4.2.7.D)

2. REFLECTS FULL BUILD-OUT CONDITIONS APPROVED MARCH 15, 2022

3. SEE LAYOUT AND LANDSCAPING PLAN - SHEET LA FOR LANDSCAPING COMPLIANCE 4. DISTANCE MEASURED FROM THE AVERAGE FINISHED GRADE WITHIN 10 FEET OF THE WALLS TO THE MEAN LEVEL BETWEEN THE EAVES AND RIDGE FOR GABLE, HIP OR GAMBREL ROOFS.

5. A MODIFICATION/REDUCTION OF 10% OF THE REQUIRED PARKING MEETING SECTION 6.4.9 OF THE TOWN OF SOUTH WINDSOR ZONING REGULATIONS REQUESTED.



Know what's below. **Call** before you dig. www.cbyd.com

PROPOSED RESTAURANTS

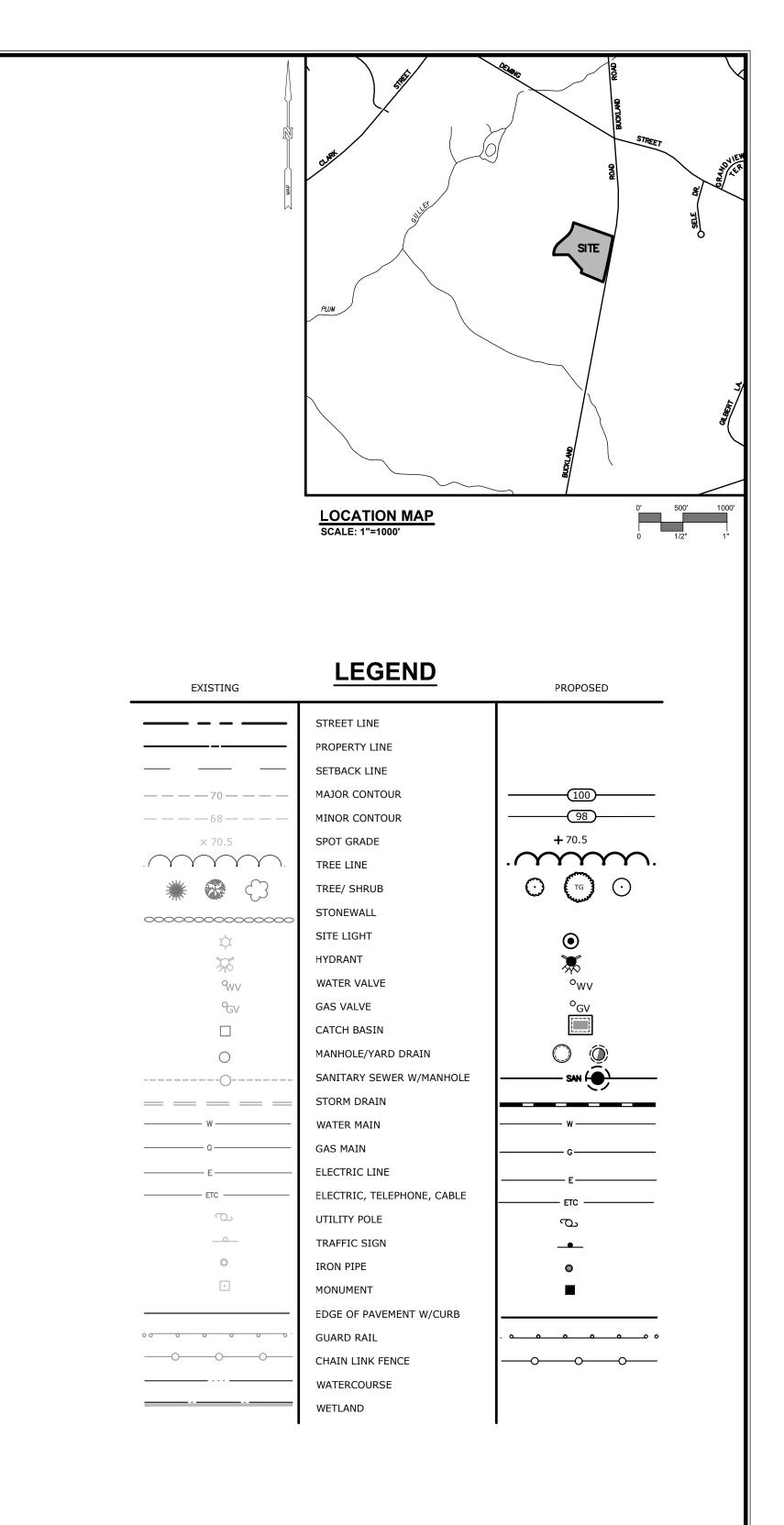
CEDAR AVENUE AND BUCKLAND ROAD SOUTH WINDSOR, CONNECTICUT

21167.00001 JULY 12, 2023 500' OFFSET MESSIAH EVANGELICAL LUTHERAN UNIT 10 CHURCH UNIT 12 300 BUCKLAND ROAD SOUTH WINDSOR CT 06074 EXISTING BANK PROPOSED RESTAURANT - WOLF & GUERRA LLC (252 BUCKLAND ROAD) 989 ELLINGTON RD SOUTH WINDSOR CT 06074 BUCKLAND GATEWAY LLC (274 BUCKLAND ROAD) 6 EXECUTIVE DRIVE SUITE 100 / UNIT FARMINGTON CT 06032 PROPOSED RESTAURANT -BUCKLAND GATEWAY LLC 6 EXECUTIVE DRIVE SUITE 100 FARMINGTON CT 06032 PROPOSED RESTAURANT -- KRISHRELTIC LLC 213 WEST STREET BOLTON CT 06043 UNIT 2 - ROUNSEVILLE MARRION & ROY TRUSTEES 206 BUCKLAND ROAD SOUTH WINDSOR CT 06074 - BUCKLAND EAST LLC 6 EXECUTIVE DRIVE FARMINGTON CT 06032 **KEY MAP/PROJECT SITE VICINITY MAP:** 0 1/2" 1"

O'EVERGREEN, LLC 800 KELLY WAY HOLYOKE, MA 01040

PREPARED BY:



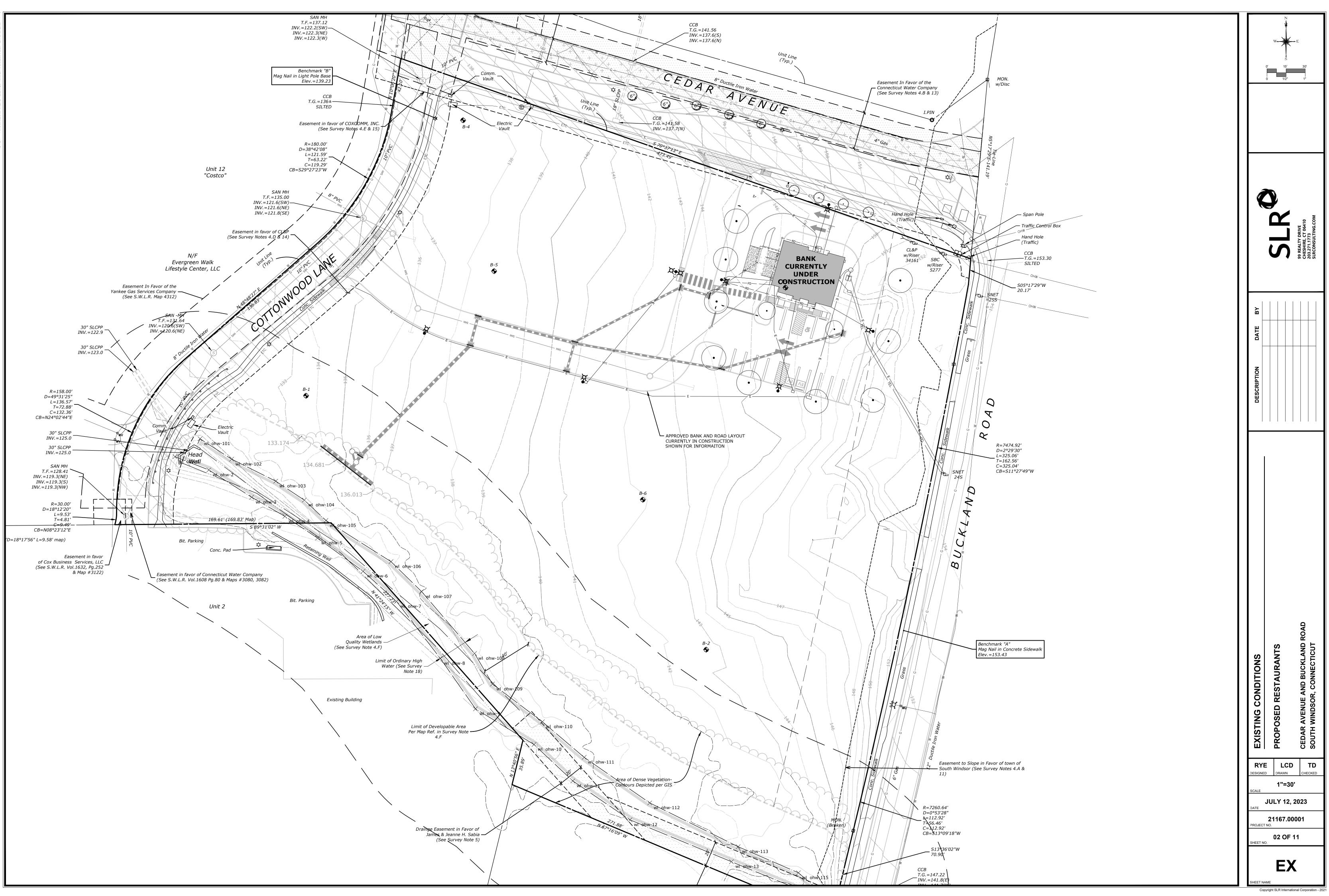


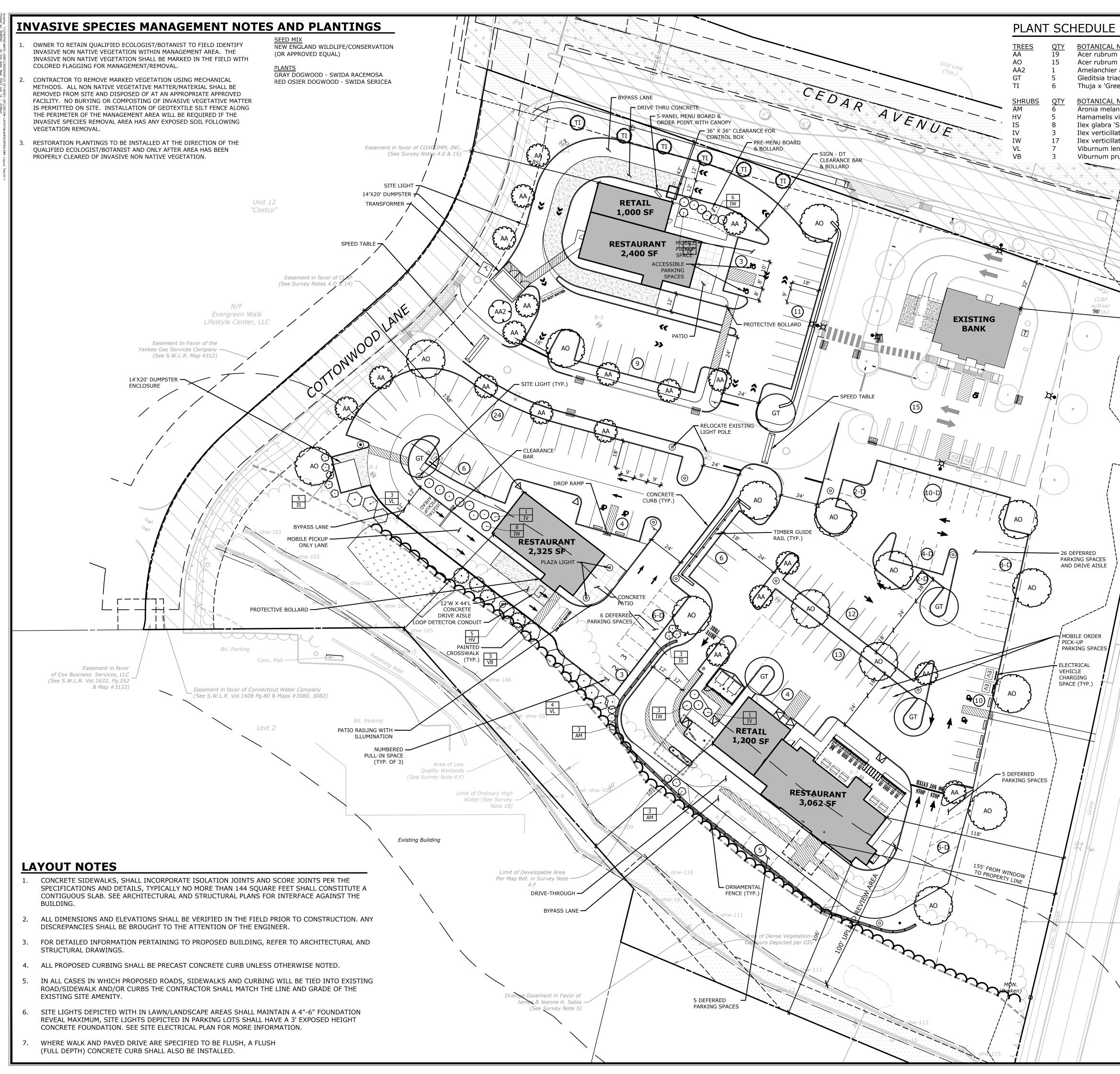
OWNER/APPLICANT:

LIST OF DRAWINGS

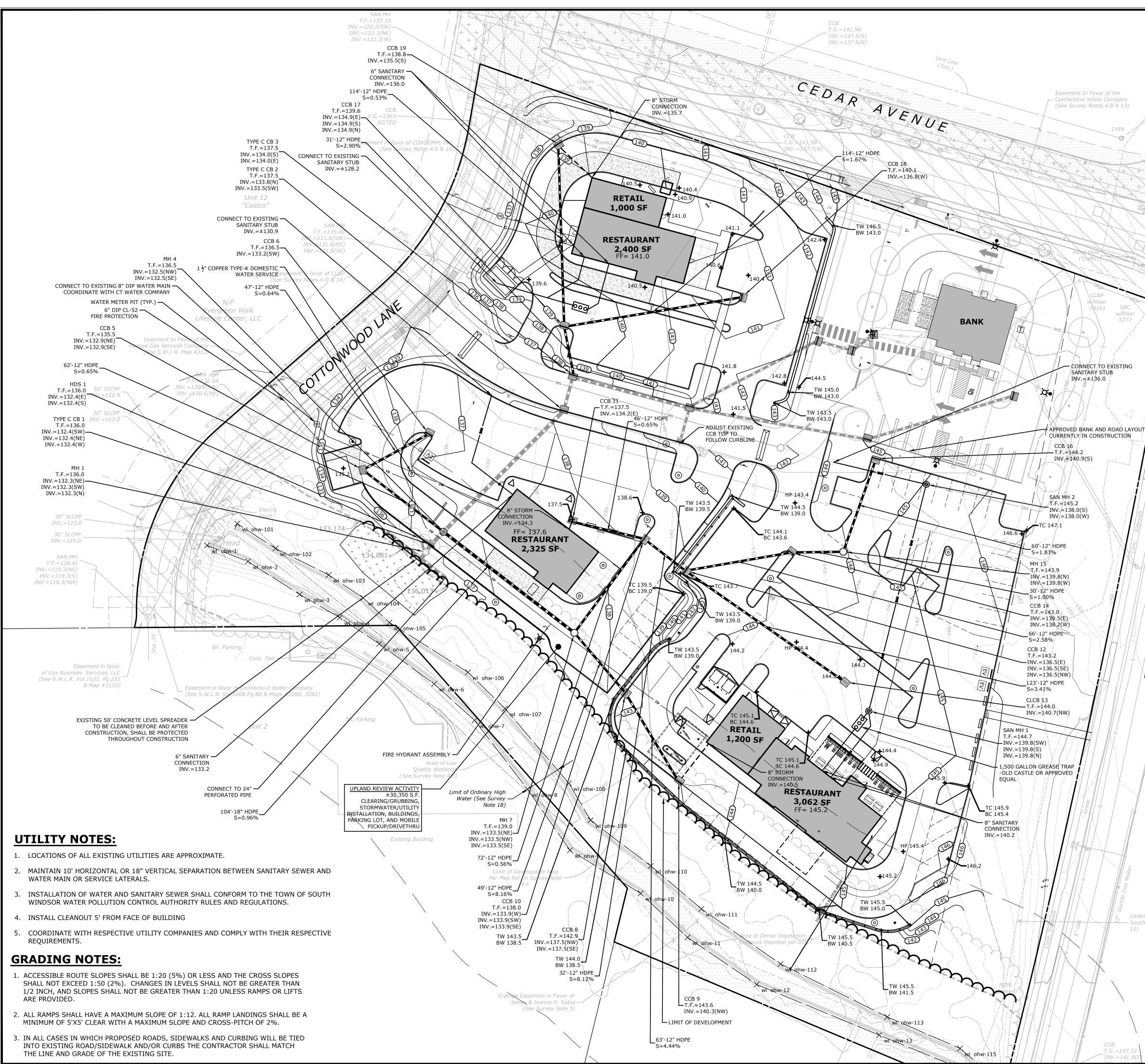
TITLE	TITLE SHEET
EX	EXISTING CONDITIONS
LA	SITE PLAN - LAYOUT & LANDSCAPING
GU	SITE PLAN - GRADING & UTILITIES
SE	SEDIMENT AND EROSION CONTROL PLAN
SE-2	SEDIMENT AND EROSION CONTROL DETAILS
SD-1	SITE DETAILS
SD-2	SITE DETAILS
SD-3	SITE DETAILS
SD-4	SITE DETAILS
SD-5	SITE DETAILS
	EX LA GU SE SE-2 SD-1 SD-2 SD-3 SD-4

g: \\CTALPHA\WAFS-JOBS\CADDESIGN\21167.00001-DE\CAD\EW-EXISTING CONDITIONS2.DWG Layout Tab:EX d by: REMOND $\,$ On this date: Wed, 2023 July 12 - 2:03pm





<u>NAME</u> 'Armstrong' 'October Glory' arborea canthos f. inermis en Giant'	Armstrong Red Maple3.October Glory Red Maple3.Downy Serviceberry6`Thornless Honey Locust3.	0" Cal. B&B 6 0" Cal. B&B 6 /7` HT. B&B M 0" Cal. B&B 6	COMMENTS 5`MIN. BRANCHING 5`MIN. BRANCHING MULTI-STEM 5`MIN. BRANCHING FULL & DENSE	G HT.	o	W	- E 30'
NAME nocarpa irginiana Shamrock' ta 'Jim Dandy' ta 'Winter Red' ntago unifolium	Black ChokeberryCoCommon Witch HazelCoShamrock Inkberry HollyCoJim Dandy WinterberryCoWinter Red WinterberryCoNannyberryCoBlackhaw ViburnumCo	mt. #3 F mt. #5 F mt. #5 F mt. #3 F	COMMENTS FULL & DENSE FULL & DENSE FULL & DENSE FULL & DENSE FULL & DENSE FULL & DENSE FULL & DENSE		Ó	1/2"	1"
+ + + + + + + + + + + + + + + + + + +	UNDERGROU 2. SEED ALL DI NOTED. THE OF SCREENE AS NOTED O LAWN AREAS DEPTH OF 24 3. ALL PLANTIN TOPSOIL. 4. THE CONTRA SHREDDED E PLANTINGS. THAN THE AI 5. ALL PLANT M APPROVAL B PLANTING. 5. ALL PLANT M APPROVAL B PLANTING. 6. PLANT SPECI TIME OF PLA SUBJECT TO ARCHITECT. 7. ALL PLANT M PERIOD OF C INCLUDE PRO OF ANY PLAN THE LANDSC THE SAME KIL LIST. 8. MAINTENANC SHALL CONT ARCHITECT A MAINTENANC TIGHTENING DEAD PLANT UPRIGHT (PL ALL OTHER C 9. WHERE A SIZ PROVIDED S	IG BEDS SHALL HAVE 12 ACTOR SHALL PROVIDE A BARK MULCH OVER ALL F MULCHED PLANT BEDS S DJACENT PLANTINGS. NO ATERIAL IS SUBJECT TO Y THE LANDSCAPE ARCH ES MAY BE ADJUSTED B NTING. ALL PLANT MATE REVIEW AND APPROVAL	 D EXCAVATING PLAN AN UNLESS OTHER ROVIDE A 6" MINIM ED, FOR ALL LAWN ADE BENEATH PRODOR SCARIFIED TO A C MINIMUM DEPTH A 4" MIN. DEPTH OF PLANTING BEDS AN SHALL EXTEND 12" O DYED MULCH. D INSPECTION AND HITECT PRIOR TO A BASED ON AVAILABING ERIAL SUBSTITUTION BY THE LANDSCAF Y A FULL GUARANTE THE LANDSCAF Y A FULL GUARANTE THE LANDSCAF Y THE LANDSCAF Y A FULL GUARANTE THE LANDSCAF Y A FULL GUARANTE Y A T LEAST 50% OF Y A SIZE. 	NT PITS. WISE UM DEPTH AREAS. POSED MINIMUM OF = ID TREE FURTHER ND AFTER ILITY AT DNS ARE PE EE FOR A 5, TO ACEMENT DITION BY L BE OF HE PLANT ITING AND APE SICK OR OR RS, AND HE PLANTS. PLANTS	DESCRIPTION DATE BY		99 REALTY DRIVE 99 REALTY DRIVE 000000000000000000000000000000000000
——— South Windsor (Se 11)	11. TAKE NOTE	TO PROTECT ROOT ZONE NG CONSTRUCTION AS			DATE	LCD DRAWN 1"=30' UULY 12, 2 21167.000	2023
	RESTAURANT INTERIOR LANDSCAPING	REQU 10% OF OVERA	UIRED LL PARKING SF 0%= 6,029.4 SQ	PROPOSED 9,969 SF	PROJECT N SHEET NO.		
	(SECTION 6.4.6A) INTERIOR REQUIRED TREES (SECTION 6.4.6A)	F 1 TREE PER	5%= 6,029.4 SQ T) 10 SPACES 0= 16.2 TREES)	9,969 SF 27 INTERIOR TREES		LA-	1



	N W- S 0' 15' 0 1/2"	► E 30' 1"
	SLR	99 REALTY DRIVE CHESHIRE, CT 06410 203.271.1773 SLRCONSULTING.COM
рате ву		
DESCRIPTION		
SITE PLAN - GRADING & UTILITES		CHECKED
	21167.00 ^{NO.}	001
SHEET NA	GL	J

STORM WATER MAINTENANCE PROGRAM

UPON SITE DEVELOPMENT, THERE WILL BE A NEED TO PERIODICALLY MAINTAIN STORMWATER SYSTEMS ON THE PROPERTY. THE STORMWATER SYSTEM CONSISTS OF PIPING AND CATCH BASINS.

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. CATCH BASINS/YARD DRAINS

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w/Riser

— Traffic Control

Hand Hole

CCB

-T.G. = 153.30

CATCH BASINS ARE DESIGNED WITH 2-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.

B. 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.

FRONT-END LOADERS, BACKHOES, OR VACUUM TRUCKS CAN BE USED TO REMOVE THE ACCUMULATED SEDIMENT FOLLOWED BY MANUAL REMOVAL OF SEDIMENT DEPOSITED AROUND THE OUTLET CONTROL DEVICE. THE SEDIMENT SHALL BE DISPOSED OF IN AN APPROVED OFF-SITE LOCATION IN ACCORDANCE WITH TOWN AND STATE REOUIREMENTS. THE DISTURBED AREA SHOULD BE IMMEDIATELY SEEDED WITH APPROPRIATE GRASS SEED AND MULCHED WITH HAY AFTER REMOVAL OPERATIONS ARE COMPLETED TO PREVENT THE OUTLET CONTROL DEVICE FROM CLOGGING.

C. 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.

UTILITY LEGEND:

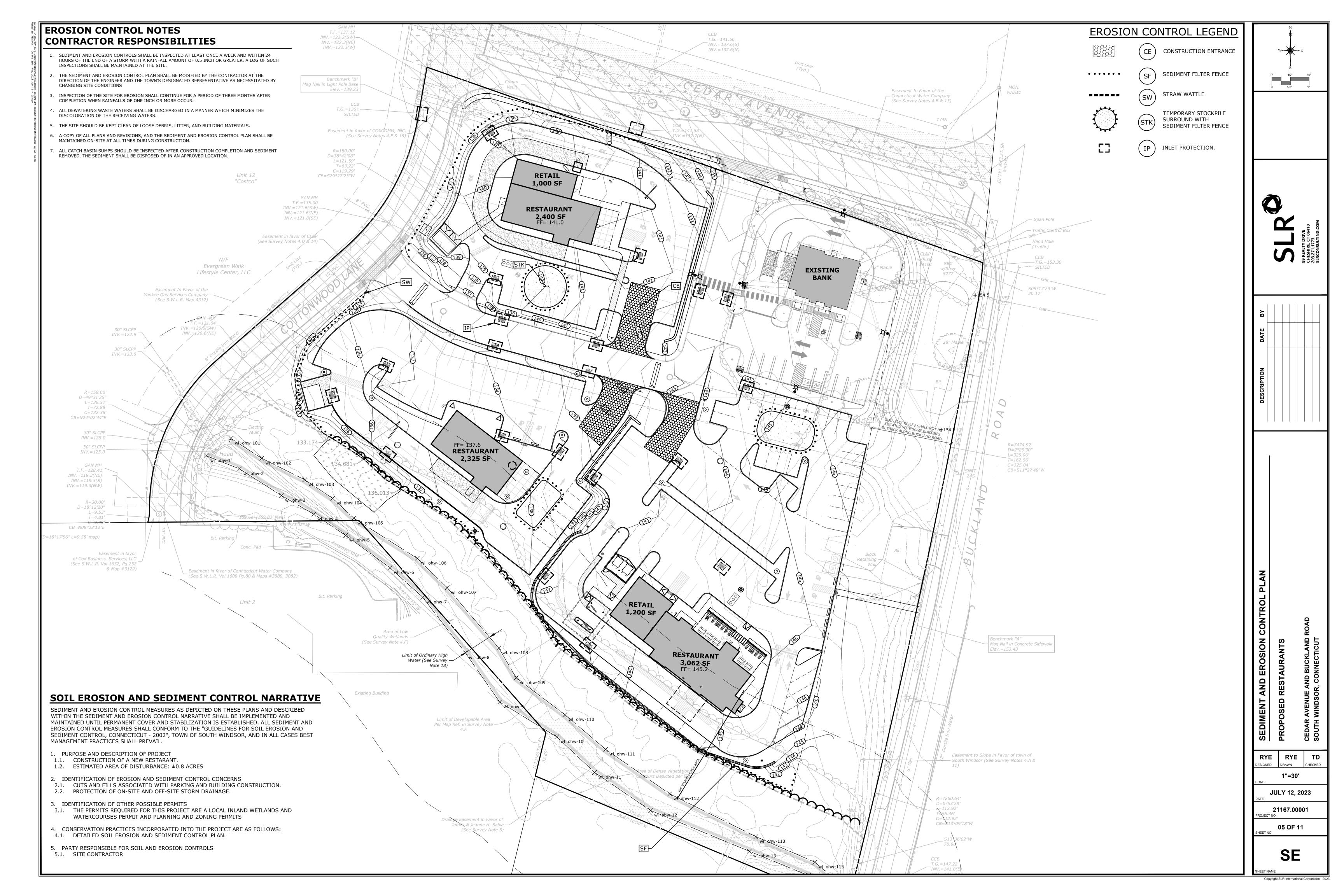
w	SANITARY SEWER LINE
SAN	WATER SERVICE
G	GAS SERVICE
۲	SANITARY MANHOLE
\bigcirc	STORM MANHOLE
	STORM CATCH BASIN
	STORM DRAIN PIPE - SIZE VARIES

GRADING LEGEND:

× 70.5	EXISTING SPOT ELEVATION
+ 70.5	PROPOSED SPOT ELEVATION
———70————	EXISTING CONTOUR
<u> 124</u>	PROPOSED CONTOUR
- TC 120.0 BC 119.5	TOP OF CURB BOTTOM OF CURB

Easement to Slope in Favor of town of - South Windsor (See Survey Notes 4.A &

11)



SEDIMENT & 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, WATER BODY, 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 WATER BODIES, 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:
- 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). THE CUT FACE OF ROCK EXCAVATION SHALL NOT BE STEEPER THAN ONE HORIZONTAL
- TO FOUR VERTICAL (1:4). 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 WATER BODIES.
- 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.

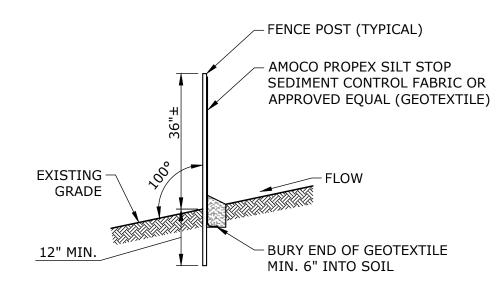
TOPSOIL

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.
- 4. APPLY LIME ACCORDING TO SOIL TEST OR AT THE RATE OF TWO (2) TONS PER ACRE. MATERIAL: 1. TOPSOIL SHOULD HAVE PHYSICAL, CHEMICAL, AND BIOLOGICAL CHARACTERISTICS FAVORABLE TO THE GROWTH OF PLANTS.
- TOPSOIL SHOULD HAVE A SANDY OR LOAMY TEXTURE. 3. TOPSOIL SHOULD BE RELATIVELY FREE OF SUBSOIL MATERIAL AND MUST BE FREE OF STONES LARGER THAN 1.25", 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. SUITABLE. AVOID TIDAL MARSH SOILS BECAUSE OF HIGH SALT CONTENT
- SOLUBLE SALT CONTENT OF OVER 500 PARTS PER MILLION (PPM) IS LESS 6. THE pH SHOULD BE 5.5 TO 7 IF LESS, ADD LIME TO INCREASE pH TO AN ACCEPTABLE LEVEL.

EXECUTION

- 1. AVOID SPREADING WHEN TOPSOIL IS WET OR FROZEN.
- SPREAD TOPSOIL UNIFORMLY TO A DEPTH OF AT LEAST SIX INCHES (6"), OR TO THE DEPTH SHOWN ON THE LANDSCAPING PLANS.



SEDIMENT FILTER FENCE NOT TO SCALE

VEGETATIVE COVER SELECTION AND MULCHING

TEMPORARY VEGETATIVE COVER: PERENNIAL RYEGRASS 5 LBS./1,000 SQ.FT. (LOLIUM PERENNE)

* PERMANENT VEGETATIVE COVER: SEE SPECIFICATIONS

TEMPORARY MULCHING:

CLEAN DRY STRAW OR HAY FREE OF WEEDS WITH A MULCH TACKIFIER 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. ABOVE).
- 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).
- MULCH IMMEDIATELY AFTER SEEDING, IF REQUIRED, ACCORDING TO TEMPORARY MULCHING SPECIFICATIONS. (SEE VEGETATIVE COVER SELECTION & MULCHING SPECIFICATION ABOVE).
- 6. USE PROPER INOCULANT ON ALL LEGUME SEEDINGS, 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.
- 2. ON SITES WHERE GRASSES PREDOMINATE, BROADCAST ANNUALLY 500 POUNDS OF 10-10-10 FERTILIZER PER ACRE (12 LBS. PER 1,000 SQ. FT.) OR AS NEEDED ACCORDING TO ANNUAL SOIL TESTS.
- 3. ON SITES WHERE LEGUMES PREDOMINATE, BROADCAST EVERY THREE (3) YEARS OR AS INDICATED BY SOIL TEST 300 POUNDS OF 0-20-20 OR EQUIVALENT PER ACRE (8 LBS PER 1,000 SO. FT.).

EROSION CHECKS

GENERAL:

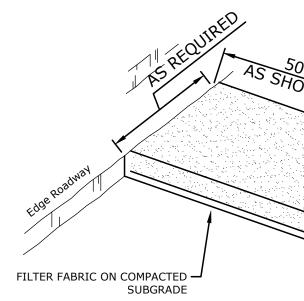
TEMPORARY PERVIOUS BARRIERS USING BALES OF HAY OR STRAW, HELD IN PLACE WITH STAKES DRIVEN THROUGH THE BALES AND INTO THE GROUND OR GEOTEXTILE FABRIC FASTENED TO A FENCE POST AND BURIED INTO THE GROUND, SHALL BE INSTALLED AND MAINTAINED AS REQUIRED TO CHECK EROSION AND REDUCE SEDIMENTATION.

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 (6") INCHES.
- BALES SHALL BE SECURELY ANCHORED IN PLACE BY WOOD STAKES OR REINFORCEME DRIVEN THROUGH THE BALES AND INTO THE GROUND. THE FIRST STAKE IN EACH BA ANGLED TOWARD THE PREVIOUSLY LAID BALE TO FORCE BALES TOGETHER.
- 4. GEOTEXTILE FABRIC SHALL BE SECURELY ANCHORED AT THE TOP OF A THREE FOOT AND BURIED A MINIMUM OF SIX INCHES (6") TO THE SOIL. SEAMS BETWEEN SECTION 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.
- BALED HAY EROSION BARRIERS AND GEOTEXTILE FENCE SHALL BE INSTALLED AT THE INDICATED ON THE PLAN AND IN ADDITIONAL AREAS AS MAY BE DEEMED APPROPRIA CONSTRUCTION.
- 3. ALL EROSION CHECKS SHALL BE MAINTAINED UNTIL ADJACENT AREAS ARE STABILIZ
- INSPECTION SHALL BE FREQUENT (PER TABLE BELOW) AND REPAIR OR REPLACEMENT
- MADE PROMPTLY AS NEEDED. EROSION CHECKS SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFULNES. BLOCK OR IMPEDE STORM WATER FLOW OR DRAINAGE.



<u>NOTE:</u> CONSTRUCTION ENTRANCE PAD SHALL BE INSTALLED AND MAINTAINED DURING OPERATIONS WHICH PROMOTE VEHICULAR TRACKING OF MUD

CONSTRUCTION ENTRANCE PAD

NOT TO SCALE

EROSION CONTROL MEASURE	CONTROL OBJECTIVE	INSPECTION/MAINTENANCE	FAILURE INDICATORS	REMOVAL
SILT FENCE (SF) (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 MAY BE REMOVED AFTER UPHILL AND SENSITIVE AREAS HAVE BEEN PERMANENTLY STABILIZED.
HAY BALES (HB)	- 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 THE DEPTH OF SEDIMENT IS EQUAL TO ½ THE HEIGHT OF THE BARRIER. 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 	HAY BALES MAY BE REMOVED AFTER UPHILL AREAS HAVE BEEN PERMANENTLY STABILIZED.
CONSTRUCTION ENTRANCE (CE) / ANTI-TRACKING APRON	- 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.
CATCH BASIN 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 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 LIME ACCORDING TO SOIL TEST OR AT A RATE OF TWO (2) TON OF GROUND DOLOMITIC LIMESTONE PER ACRE (5 LBS. PER 100 SQ. FT.).
- APPLY FERTILIZER ACCORDING TO SOIL TEST OR AT THE RATE OF 300 LBS. OF 10-10-10 PER ACRE (7 LBS. PER 1,000 SQ. FT.) AND SECOND APPLICATION OF 200 LBS. OF 10-10-10- (5 LBS. PER 1,000 SQ. FT.) WHEN GRASS IS FOUR INCHES (4") TO SIX INCHES (6") HIGH. APPLY ONLY WHEN GRASS IS DRY.
- UNLESS HYDROSEEDED, WORK IN LIME AND FERTILIZER TO A DEPTH OF FOUR (4") INCHES USING A DISK OR ANY SUITABLE EQUIPMENT.
- 6. 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
- APPLY SEED UNIFORMLY ACCORDING TO THE RATE INDICATED BY BROADCASTING, 2.
- UNLESS HYDROSEEDED, COVER RYEGRASS SEEDS WITH NOT MORE THAN 1/4 INCH OF SOIL 3.
- 4. MULCH IMMEDIATELY AFTER SEEDING IF REQUIRED. (SEE VEGETATIVE)

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.

DRILLING, OR HYDRAULIC APPLICATION.

USING SUITABLE EOUIPMENT

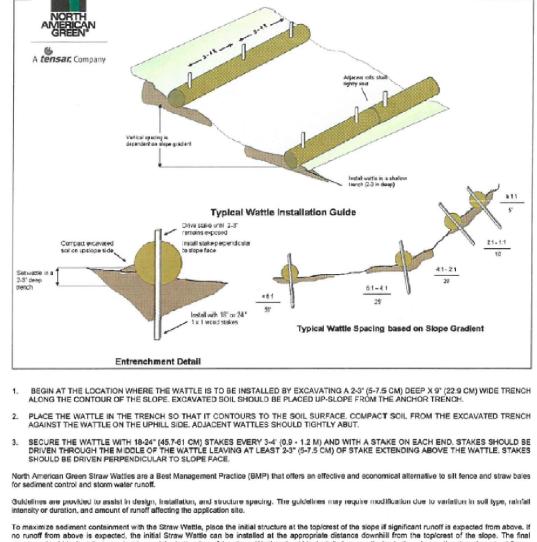
- 2. REMOVE LOOSE ROCK, STONE, AND CONSTRUCTION DEBRIS FROM AREA.
- 3. PERFORM ALL PLANTING OPERATIONS PARALLEL TO THE CONTOURS OF THE SLOPE.

5. APPLY FERTILIZER ACCORDING TO SOIL TEST OR PER THE TECHNICAL SPECIFICATIONS.

- 4. APPLY TOPSOIL AS INDICATED ELSEWHERE HEREIN.

IT DALES.	
MENT BARS BALE SHALL BE T (3') HIGH FENCE ONS OF FILTER	Straw Wattle Installation Guide
5. HE LOCATION IATE DURING	Varical spacing is defander is a shallow
755	(L3 in deep)
ZED.	Typical Wattle Installation Guide
NT SHALL BE	Compact excavated
	Software in a 2.3° deep mench

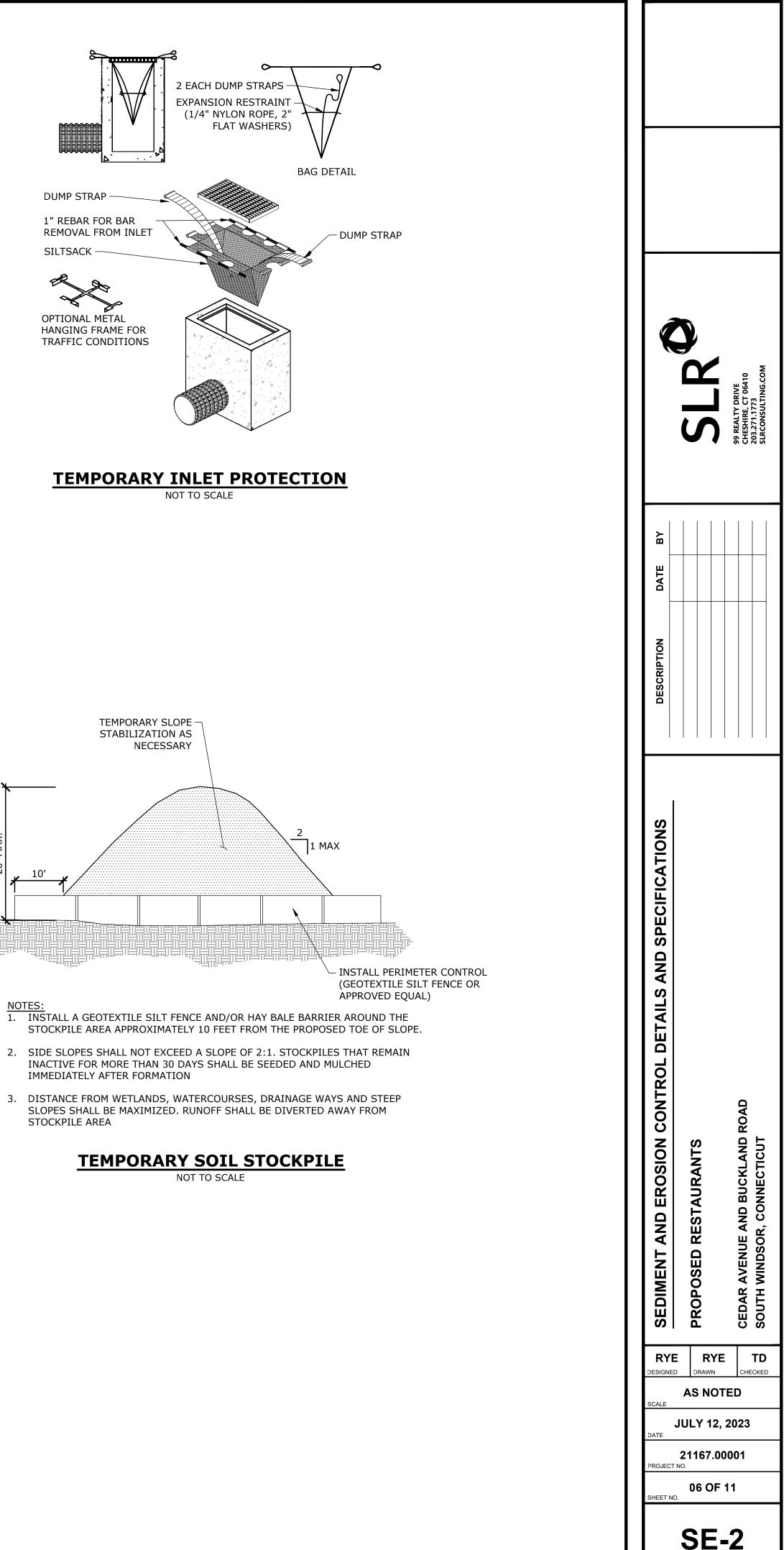
- NO. 3 (2") BROKEN OR CRUSHED STONE 8" MIN. THICKNESS



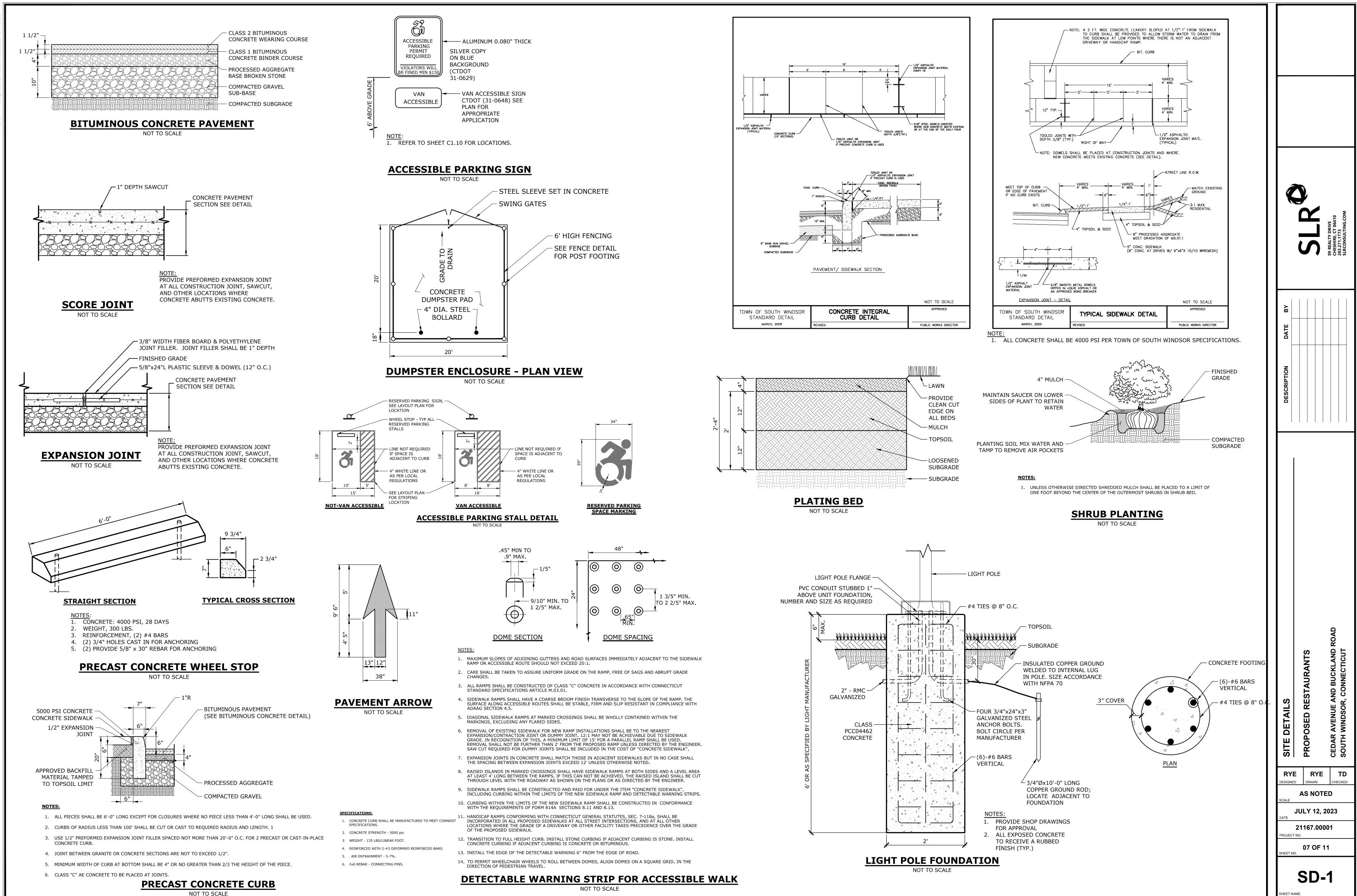
To maximize sediment containment with the Straw Wattle, place the initial structure at the top/crest of the slope iff significant runoff is expected from above. If no runoff from above is expected, the initial Straw Wattle can be installed at the appropriate distance downhill from the top/crest of the 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. Straw Wattles are a temporary sediment control device and are not intended to replace rolled erosion 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 storage capacity. 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 Rev. 1/2008 1-800-772-2040 www.nagreen.com

<u>NO</u> 1.	<u>TES:</u> INST. STOC
2.	SIDE

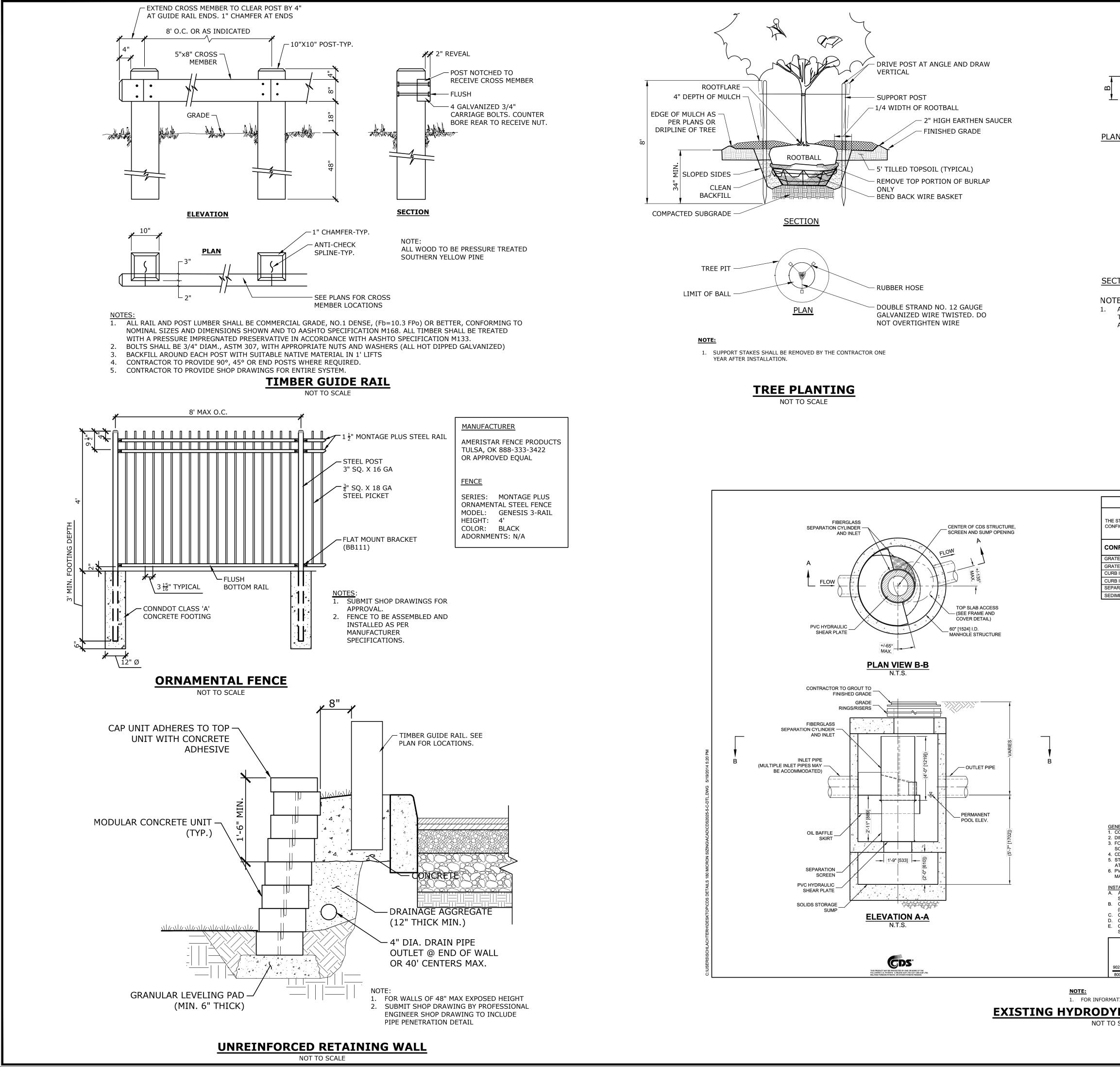


STRAW WATTLE NOT TO SCALE



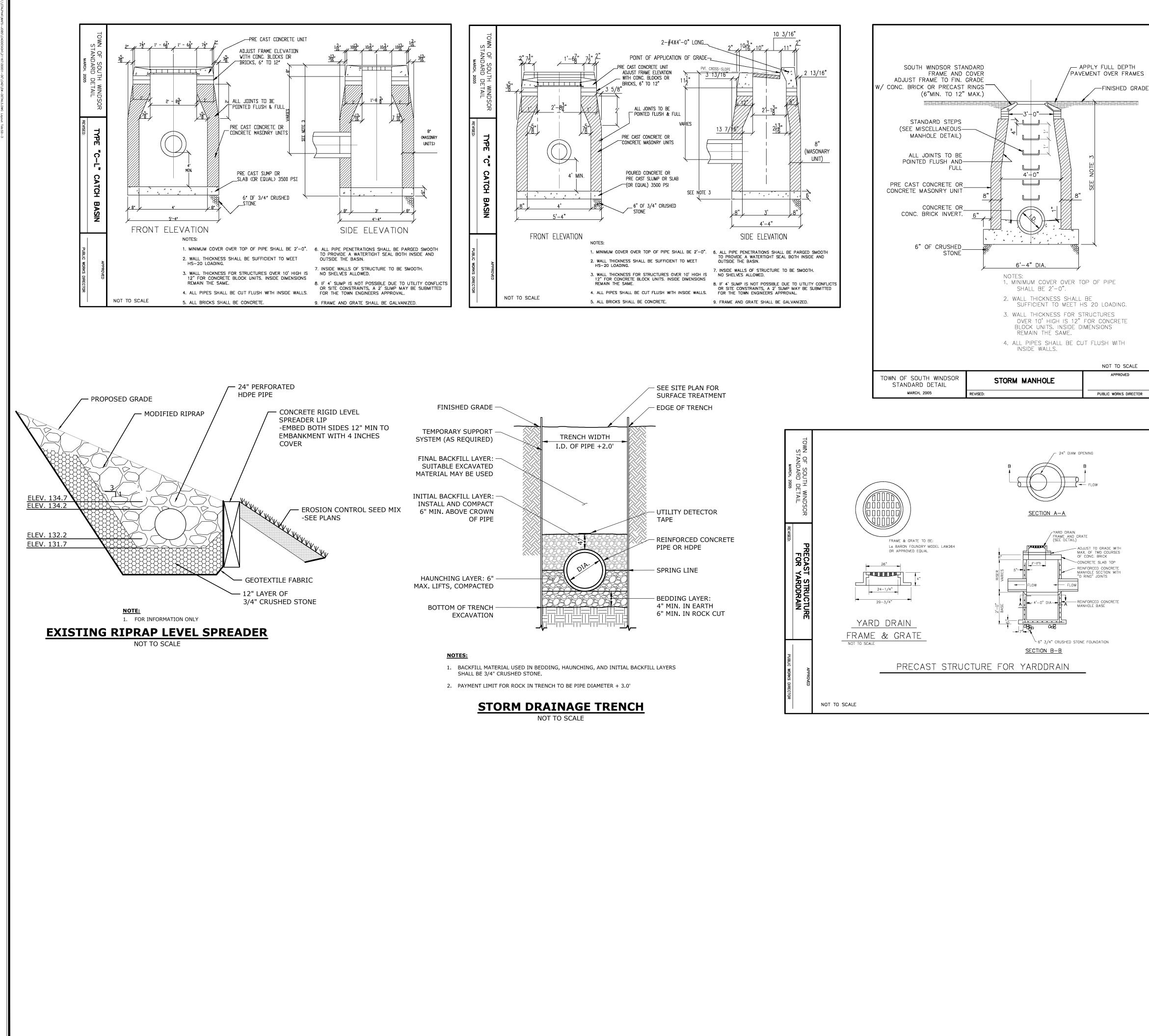
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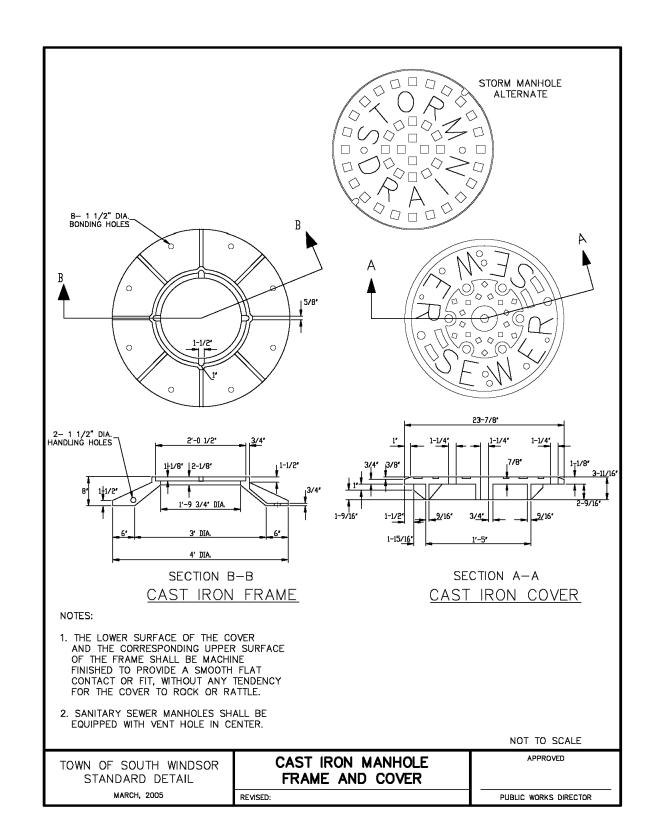


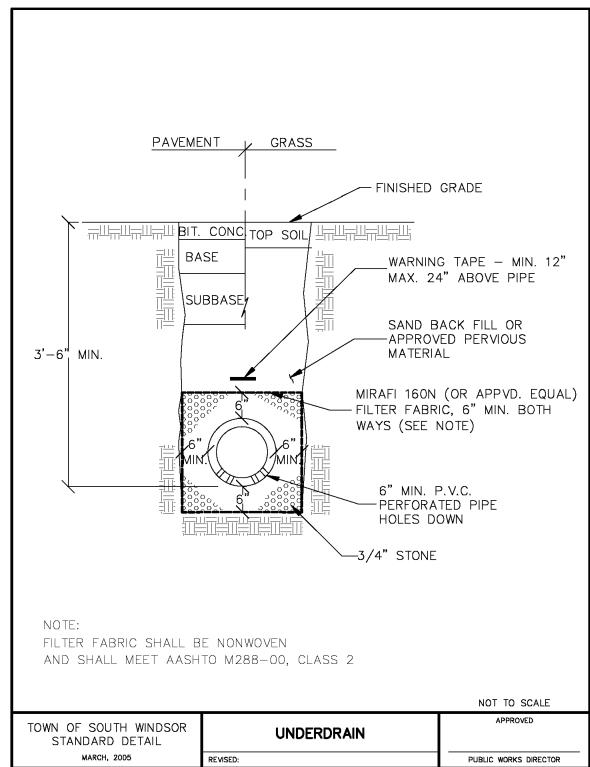


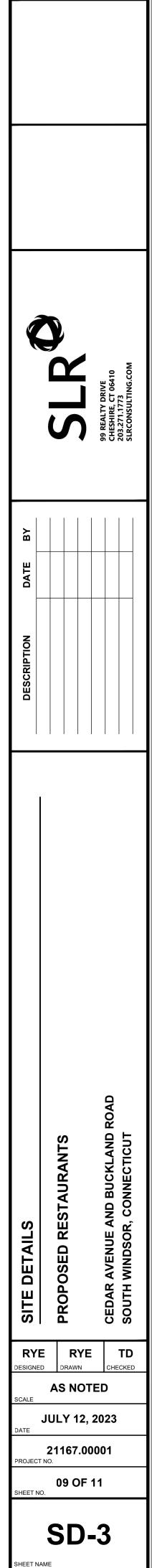
	GROUND COVER SPACING TABLE PLANT ROW NO. OF AREA SPACING SPACING PLANTS UNIT "A" "B"	
	"A" "B" 6" O.C. 5.2" 4.61 1 SQ. FT. 8" O.C. 6.93" 2.6 1 SQ. FT. 10" O.C. 8.66" 1.66 1 SQ. FT.	
	10 0.C. 0.00 1.00 1.50.11. 12" O.C. 10.4" 1.15 1 SQ. FT.	
	GROUND COVER PLANTS.	
٢ ٢ ٢ ٢ ٢ ٢ ٢ ٢ ٢ ٢ ٢ ٢ ٢ ٢ ٢ ٢ ٢ ٢ ٢	FINISH GRADE.	
	2" MULCH INSTALLED BEFORE PLANTING.	
	PLANTING SOIL MIX, PREPARE BED AS SPECIFIED.	
	SUB GRADE.	DRIVE DRIVE CT 06410 T3 LTING.COM
<u>CTION</u> TES:		99 REALTY D CHESHIRE, C 203.271.1773 SLRCONSULI
ALL GROUND COVER TO BE PLANTED IN TRIANGULAR PATTERN. SEE DETAIL PLAN AND GROUND COVER SPACING TABLE.	Ν	
	PERENNIAL PLANTING OT TO SCALE	▶
		DATE BY
		A P
		NOIL
		DESCRIPTION
CDS202	25-5-C DESIGN NOTES	
STANDARD CDS2025-5-C CONFIGURATION IS SHOWN. ALTE FIGURATIONS MAY BE COMBINED TO SUIT SITE REQUIREME	ERNATE CONFIGURATIONS ARE AVAILABLE AND ARE LISTED BELOW. SOME ENTS.	
NFIGURATION DESCRIPTION TED INLET ONLY (NO INLET PIPE) TED INLET WITH INLET PIPE OR PIPES		
3 INLET ONLY (NO INLET PIPE) 3 INLET WITH INLET PIPE OR PIPES ARATE OIL BAFFLE (SINGLE INLET PIPE REQUIRED FOR THIS MENT WEIR FOR NJDEP / NJCAT CONFORMING UNITS	S CONFIGURATION)	
	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 * * *	
CALL CALL CALL	INLET PIPE 2 * * OUTLET PIPE * * RIM ELEVATION *	Q
FRAME AND COVER (DIAMETER VARIES) N.T.S.	ANTI-FLOTATION BALLAST WIDTH HEIGHT * NOTES/SPECIAL REQUIREMENTS:	ND ROAD
11.1.0.	* PER ENGINEER OF RECORD	LS LS RESTAURANTS IE AND BUCKLAND OR, CONNECTICUT
<u>NERAL NOTES</u> CONTECH TO PROVIDE ALL MATERIALS UNLESS NOTED OTI DIMENSIONS MARKED WITH () ARE REFERENCE DIMENSION		S AND R, CO
FOR FABRICATION DRAWINGS WITH DETAILED STRUCTURE SOLUTIONS LLC REPRESENTATIVE. www.contechES.com CDS WATER QUALITY STRUCTURE SHALL BE IN ACCORDAN STRUCTURE SHALL MEET AASHTO HS20 AND CASTINGS SH	IDENSIONS AND WEIGHTS, PLEASE CONTACT YOUR CONTECH ENGINEERED ICE WITH ALL DESIGN DATA AND INFORMATION CONTAINED IN THIS DRAWING. HALL MEET HS20 (AASHTO M 306) LOAD RATING, ASSUMING GROUNDWATER ELEVATION GINEER OF RECORD TO CONFIRM ACTUAL GROUNDWATER ELEVATION.	ETAI SED VINDS
PVC HYDRAULIC SHEAR PLATE IS PLACED ON SHELF AT BO MAINTENANCE CLEANING. <u>TALLATION NOTES</u> ANY SUB-BASE, BACKFILL DEPTH, AND/OR ANTI-FLOTATIO	OTTOM OF SCREEN CYLINDER. REMOVE AND REPLACE AS NECESSARY DURING	SITE D PROPO CEDAR / SOUTH V
(LIFTING CLUTCHES PROVIDED). CONTRACTOR TO ADD JOINT SEALANT BETWEEN ALL STR CONTRACTOR TO PROVIDE, INSTALL, AND GROUT PIPES.		RYE RYE TD
CONTRACTOR TO TAKE APPROPRIATE MEASURES TO ASS SUGGESTED THAT ALL JOINTS BELOW PIPE INVERTS ARE CONTRACTOR TO TAKE APPROPRIATE MEASURES TO ASS SUGGESTED THAT ALL JOINTS BELOW PIPE INVERTS ARE	GROUTED. CDS2025-5-C	DESIGNED DRAWN CHECKED AS NOTED SCALE
ENGINEERED SOLUTIONS LLC www.contechES.com 025 Centre Pointe Dr., Suite 400, West Chester, OH 45069 300-338-1122 513-645-7000 513-645-7093 FAX	INLINE CDS STANDARD DETAIL	JULY 12, 2023 DATE 21167.00001
TION ONLY		08 OF 11 SHEET NO.
SCALE		SD-2

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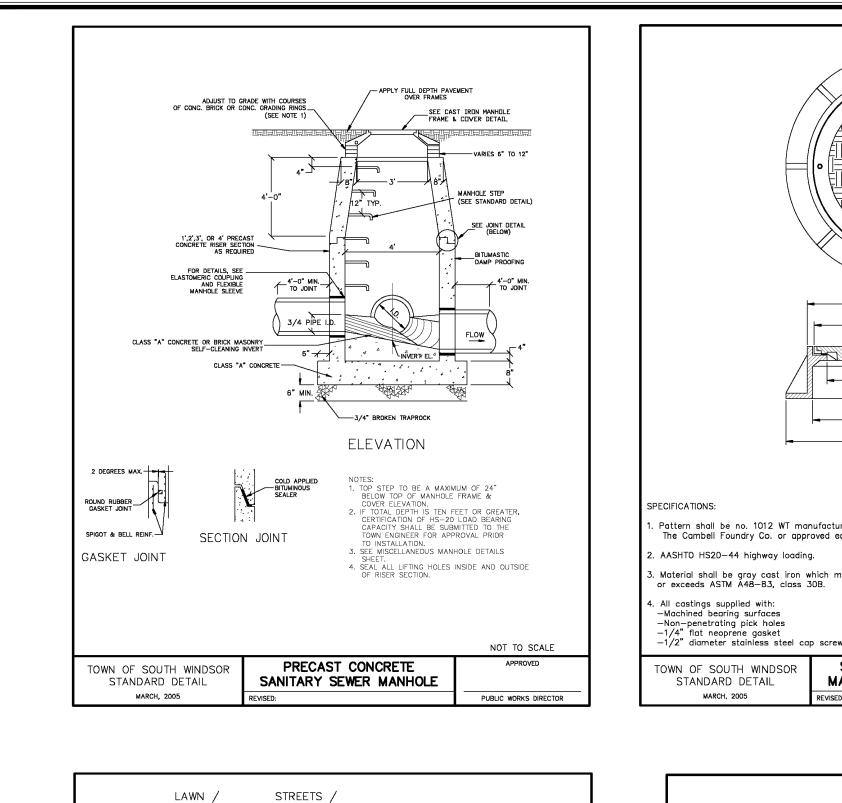


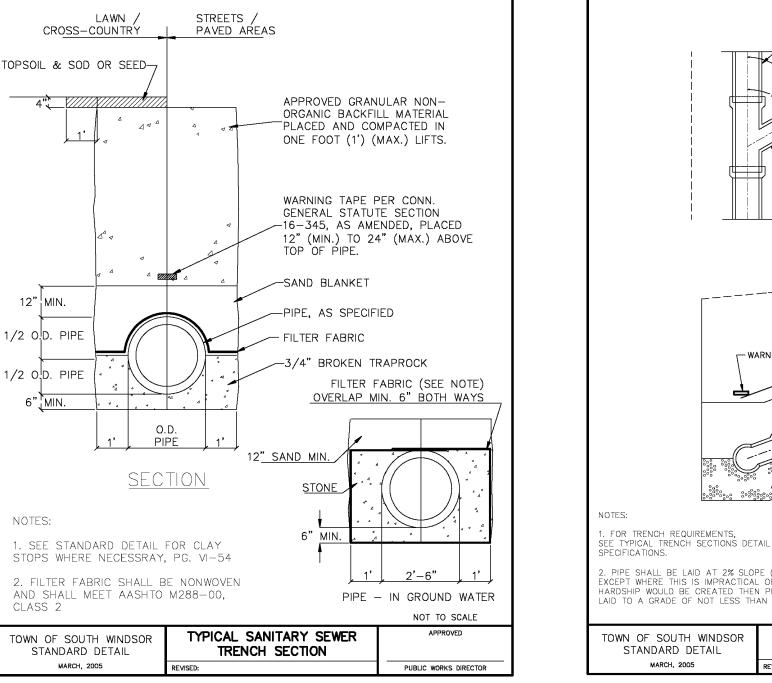


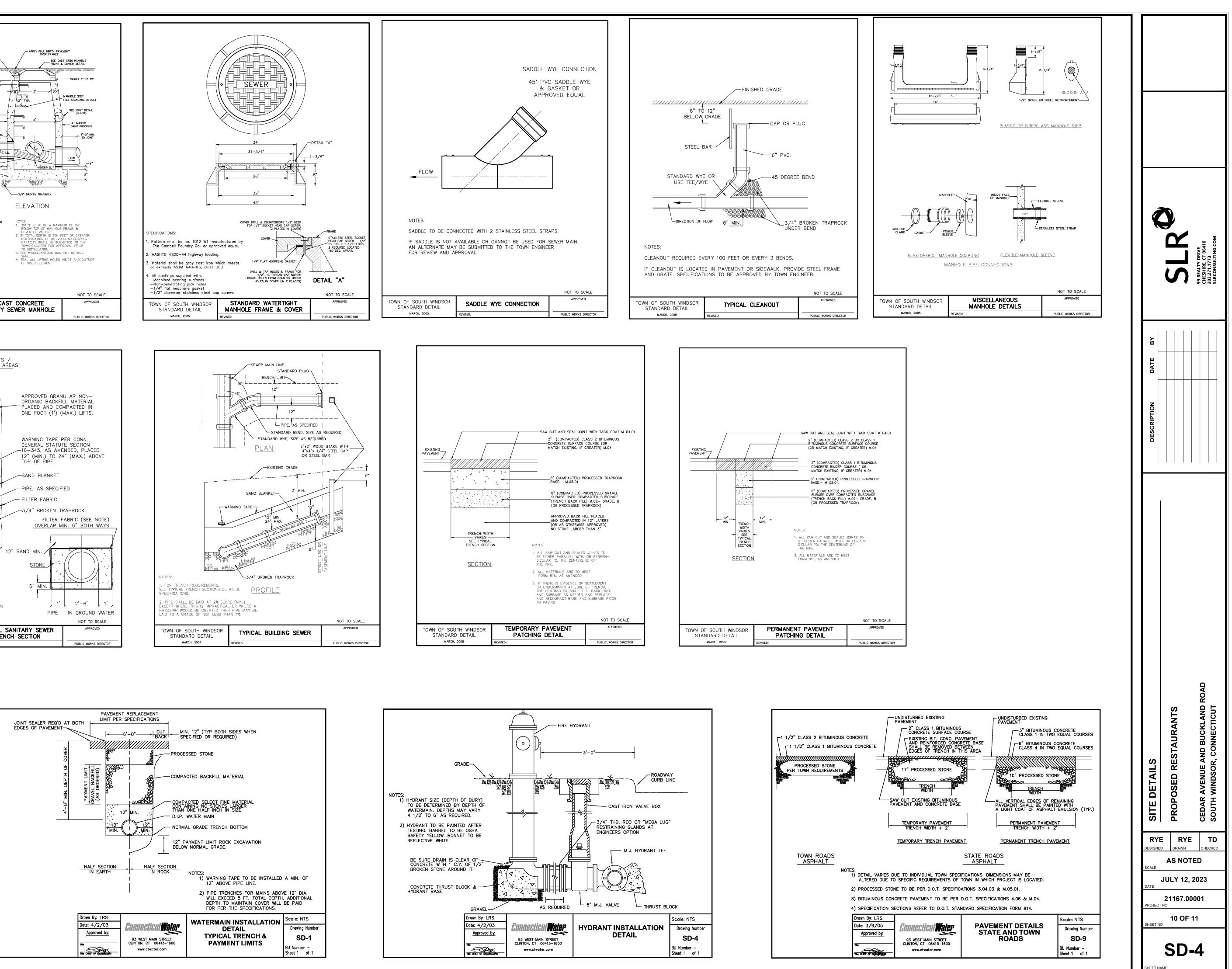


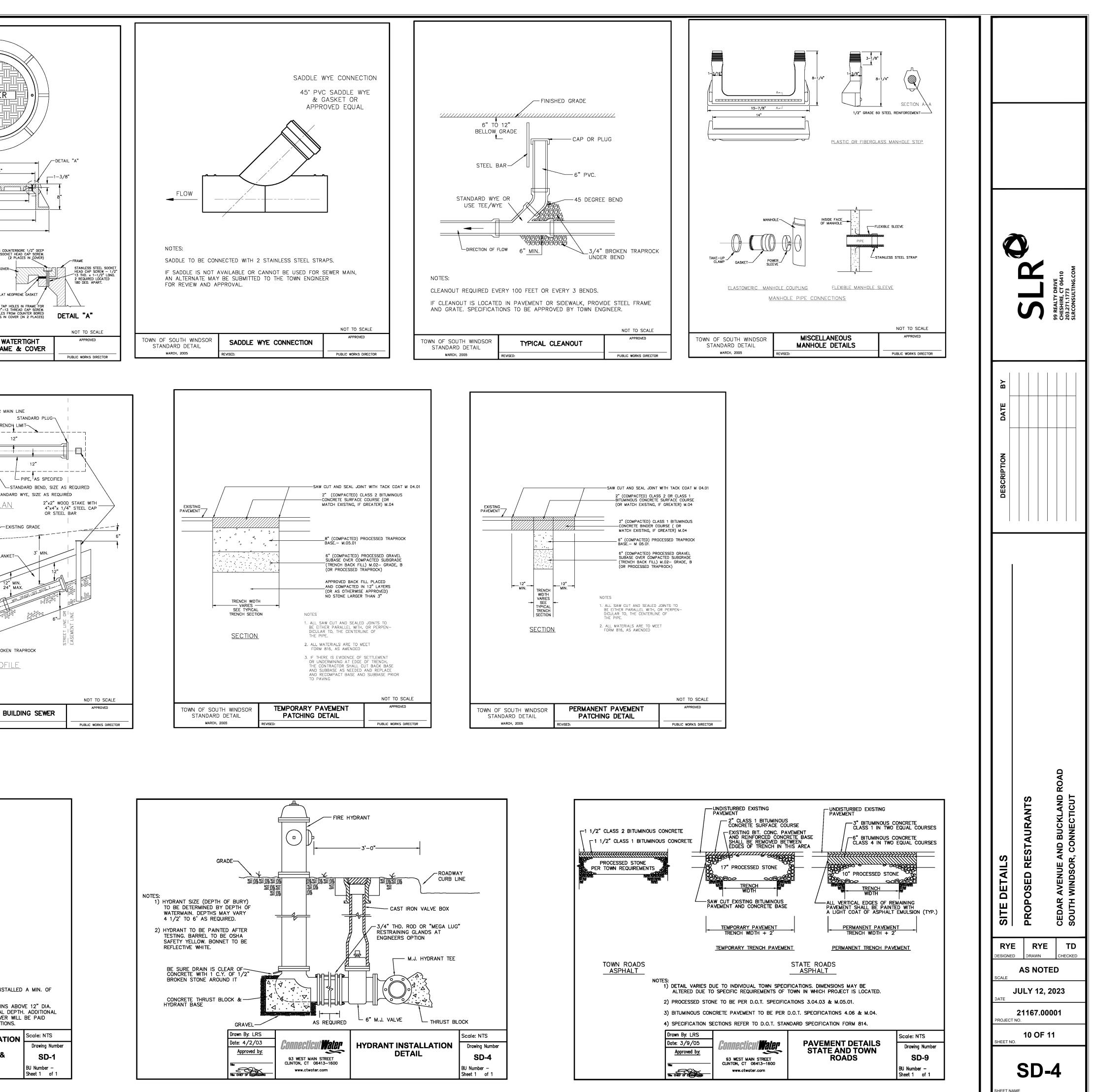


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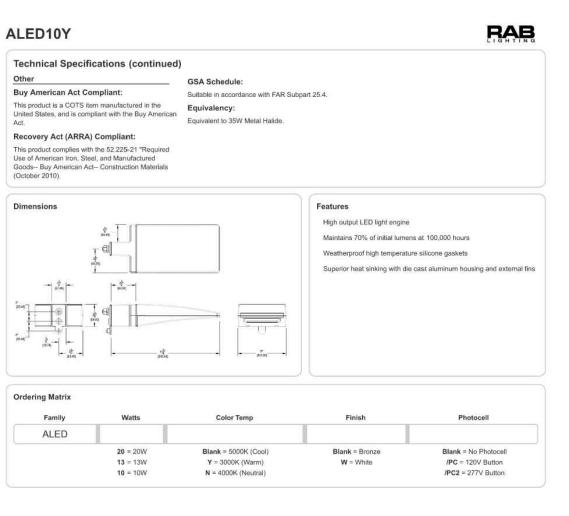
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		Project:		Туре:	Techn Other
		1825 11545-1		10.44 DK	Buy Am
		Prepared By:		Date:	This produ United Sta Act.
		120V: 0.1A 208V: 0.07A 240V: 0.06A		LED Info Watts: 10W Color Temp: 3000K Color Accuracy: 83 CRI L70 Lifespan: 100000	Recover This prod Use of An Goods- E (October)
ALED Area Light mounts to 4" square steel poles at 10- 1 to 4 ALEDs can be mounted to each pole. IESNA Full 5 year warranty. Color: Bronze		277V: 0.05A Input Watts: 12W Efficiency: 83%		Lumens: 876 Efficacy: 73 LPW	Dimensi
Technical Specifications					
Listings	Construction		Maximum E	PA	" [546]
UL Listing:	IES Classification:		Fixed Arm = 0		
Suitable for wet locations.	The Type III distribution is ideal	l for roadway, general	Optical		1
IESNA LM-79 & IESNA LM-80 Testing:	parking, and other area lighting	applications where a	Lumen Maintenance:		r (25.45)
RAB LED luminaires have been tested by an independent laboratory in accordance with IESNA LM- 79 and 80, and have received the Department of	larger pool of lighting is required. It is intended to be located near the side of the area, allowing the light to project outward and fill the area.		The LED will deliver 70% of its initial lumens at 100,000 hours of operation.		
Energy "Lighting Facts" label.	Housing:	BUG Rating:		:	
Dark Sky Approved:	Integral cast aluminum mountir		B0 U0 G0		Ordering
The International Dark Sky Association has approved	for optimum heat sinking to ens maximum LED life and light ou		Electrical		
this product as a full cutoff, fully shielded luminaire.	Gaskets:	Driver			
LED Characteristics	High temperature silicone.		Multi-chip 10W high output long life LED Driver		
	이 방법에 있는 것은 것은 가지 않는 것이 있는 것은 것이 있는 것이 있 			ent, Class II, 120V-240V, 50/60/ Hz,	
Lifespan:	Finish:		350mA.		
100,000-hour LED lifespan based on IES LM-80	Our environmentally friendly po		350mA. Other		
100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations.	Our environmentally friendly po are formulated for high-durabili	ty and long-lasting	Other	itle 24:	
100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations. Color Consistency:	Our environmentally friendly po are formulated for high-durabili color, and contains no VOC or	ty and long-lasting	Other California T		
100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations.	Our environmentally friendly por are formulated for high-durabili color, and contains no VOC or Green Technology:	ty and long-lasting toxic heavy metals.	Other California T	PC for a 2013 California Title 24	
100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations. Color Consistency: 3-step MacAdam Ellipse binning to achieve consistent	Our environmentally friendly pc are formulated for high-durabili color, and contains no VOC or Green Technology: Mercury and UV free. RoHS cc Polyester powder coat finish fo	ty and long-lasting toxic heavy metals, ompliant components, rmulated without the	Other California T See ALED10/F	PC for a 2013 California Title 24	
100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations. Color Consistency: 3-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color.	Our environmentally friendly pc are formulated for high-durabili color, and contains no VOC or Green Technology: Mercury and UV free. RoHS co	ty and long-lasting toxic heavy metals, ompliant components, rmulated without the als,	Other California Tr See ALED10/F compliant mod Patents: The design of	PC for a 2013 California Title 24	
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100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations. Color Consistency: 3-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color. Color Stability: LED color temperature is warrantied to shift no more than 200K in CCT over a 5 year period. Color Uniformity: RAB's range of CCT (Correlated Color Temperature)	Our environmentally friendly po are formulated for high-durabili color, and contains no VOC or Green Technology: Mercury and UV free. RoHS cc Polyester powder coat finish fo use of VOC or toxic heavy met Effective Projected Area:	ty and long-lasting toxic heavy metals, ompliant components, rmulated without the als,	Other California Tr See ALED10/F compliant mod Patents: The design of pending in Car Warranty: RAB warrants	PC for a 2013 California Title 24 tel. the ALED is protected by patents nada, U.S., China and Taiwan. that our LED products will be free from	
100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations. Color Consistency: 3-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color. Color Stability: LED color temperature is warrantied to shift no more than 200K in CCT over a 5 year period. Color Uniformity: RAB's range of CCT (Correlated Color Temperature) follows the guidelines of the American National	Our environmentally friendly po are formulated for high-durabili color, and contains no VOC or Green Technology: Mercury and UV free. RoHS co Polyester powder coat finish fo use of VOC or toxic heavy met Effective Projected Area: EPA = 0.2	ty and long-lasting toxic heavy metals. empliant components. rmulated without the als.	Other California Tr See ALED10/F compliant mod Patents: The design of pending in Car Warranty: RAB warrants defects in mate	PC for a 2013 California Title 24 lel. the ALED is protected by patents nada, U.S., China and Taiwan. that our LED products will be free from erials and workmanship for a period of	
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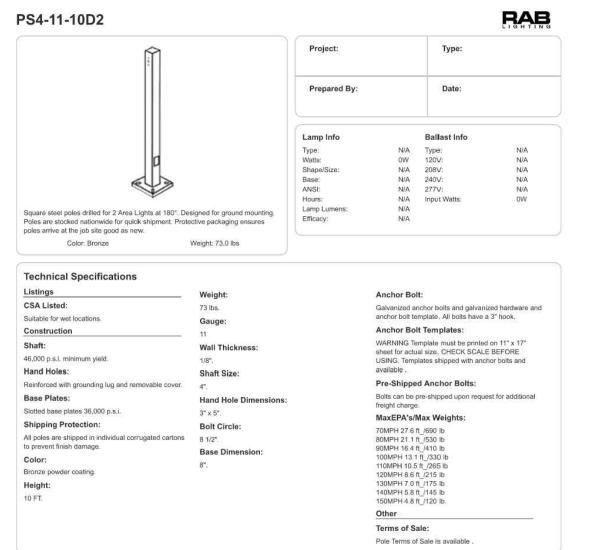
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Page 1 of 2



PS4-11-10D2

Dimensions Gauge - 11

PLAZA LIGHT NOT TO SCALE

Page 2 of 2

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DUCT WEIGHT	MOUNTING HEIGHT	SPACING
10.43 lbs.	15 - 25 feet	4 to 5 times the mounting height
11.1 lbs.	15 - 25 feet	4 to 5 times the mounting height
16.46 lbs.	20 - 35 feet	4 to 5 times the mounting height

E-APR SERIES							
ELECTRICAL PERFORMANCE							
OPERATING TEMPERATURE RANG		LIFESPAN 170 at 25°C (77°F)		TOTAL HARMONIC Distortion		DIMMABLE	
.40°F to 104°F (.40°C to 40°C)		Estimated >100,000 Hours		<20%		0-10V to 10%	
INPUT VOLTAGE Current Draw (Amps)	120V	120V 208		240V		2778	
E-APR13	0.85A	0.48	3 0.42		0.36		
E-APR19	1.26	0.73		0.63		0.54	
E-APR32	1.99	1.16		1.01	ĮV.	0.87	

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5000K DIMMABLE 4000K

REPLACES LIGHT OUTPUT COLOR TEMP POWER COLOR ACCURACY RATINGS

Type 5 750W PSMH 32,000 Lumens 5000K 240W ≥ 70 B5-U3-G4

EAPR32A-T350B Type 3 750W PSMH 32,000 Lumens 5000K 240W ≥ 70 B4-U3-G4

EAPR32A.T540B Type 5 750W PSMH 32,000 Lumens 4000K 240W ≥ 70 B5-U3-64

EAPR32A-T340B Type 3 750W PSMH 32,000 Lumens 4000K 240W ≥ 70 B4-U3-G4

E.APR19A.T550B Type 5 320W PSMH 19,000 Lumens 5000K 150W ≥ 70 B4-U2-G2

E-APR19A-T350B Type 3 320W PSMH 19,000 Lumens 5000K 150W ≥ 70 B3-U3-G3

E-APR19A-T540B Type 5 320W PSMH 19,000 Lumens 4000K 150W ≥ 70 B4-U2-G2

EAPRI9A-T340B Type 3 320W PSMH 19,000 Lumens 4000K 150W ≥ 70 B3-U3-G3

E-APR13A-T550B Type 5 250W PSMH 13,000 Lumens 5000K 100W ≥ 70 B4-U2-G3

EAPR13A-T350B Type 3 250W PSMH 13,000 Lumens 5000K 100W ≥ 70 B3-U3-G3

E-APR13A-T540B Type 5 250W PSMH 13,000 Lumens 4000K 100W ≥ 70 B4-U2-G3

E-APR13A-T340B Type 3 250W PSMH 13,000 Lumens 4000K 100W ≥ 70 B3-U3-G3

CORRELATED

COLOR TEMPERATUR

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OUTPUT SPECIFICATIONS

SKU

E-APR32A-T550B

TYPE

SITE LIGHT NOT TO SCALE

RAB



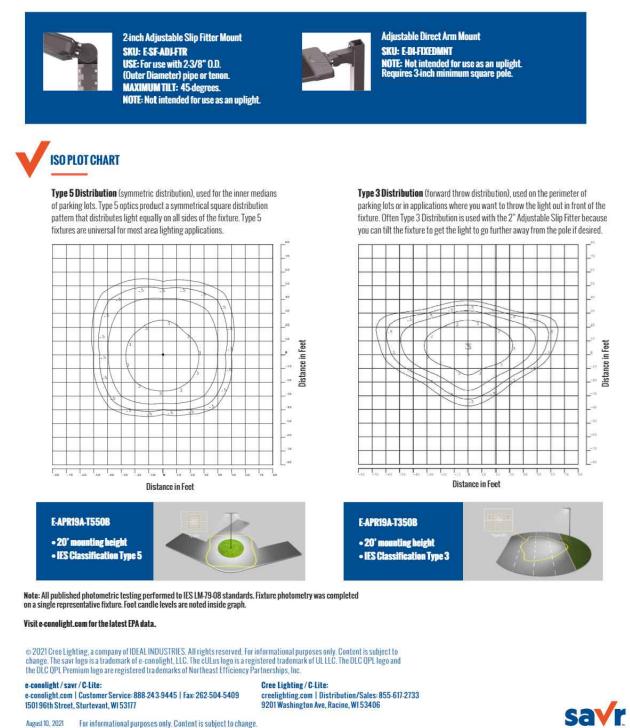
Features Designed for ground mounting Heavy duty TGIC polyester coating Reinforced hand holes with grounding lug and removable cover for easy wiring access Anchor Bolt Kit includes pole cap and base cover (sold separately) Custom manufactured for each application

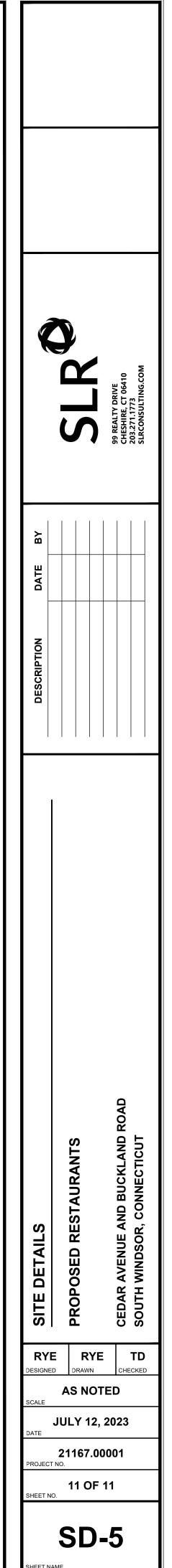
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E-APR SERIES

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ACCESSORIES (SOLD SEPARATELY)





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