WAKE ROBININI REDEVELOPMENT

104 & 106 SHARON ROAD SALISBURY, CONNECTICUT

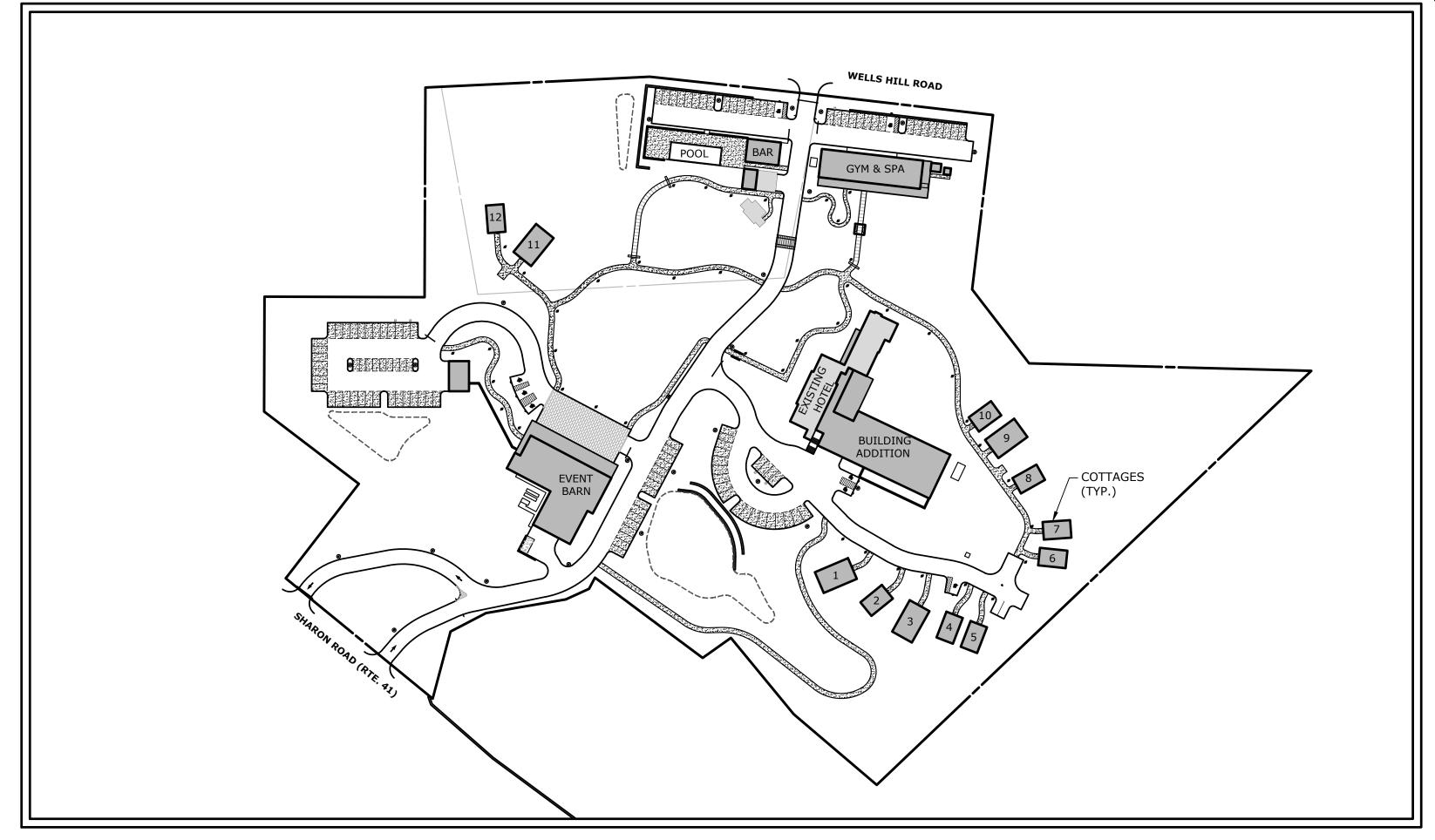
SLR# 22100.00001

JULY 29, 2024 AUGUST 1, 2024

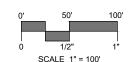
SEPTEMBER 6, 2024

GENERAL NOTES

- 1. BOUNDARY AND TOPOGRAPHIC INFORMATION HAVE BEEN TAKEN FROM SURVEY ENTITLED "EXISTING CONDITIONS MAP", PREPARED BY ARTHUR H. HOWLAND & ASSOCIATES, P.C., PREPARED FOR ARADEV LLC, DATED AUGUST 1, 2024, SCALED 1"=60'.
- 2. NORTH ARROW AND BEARINGS ARE BASED UPON THE CONNECTICUT GRID SYSTEM (CTGS).
- 3. ELEVATIONS, CONTOUR AND BENCHMARKS ARE BASED UPON NAVD 1988.
- 4. 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.
- 5. SLR INTERNATIONAL CORPORATION ACCEPTS NO RESPONSIBILITY FOR THE ACCURACY OF MAPS AND DATA WHICH HAVE BEEN SUPPLIED BY OTHERS.
- 6. INLAND WETLANDS AND WATERCOURSES ON SITE WERE DELINEATED IN THE FIELD ON APRIL 25 AND MAY 21, 2024 BY MATTHEW J. SANFORD, REGISTERED SOIL SCIENTIST FROM SLR CONSULTING.
- 7. A CTDEEP STORMWATER GENERAL PERMIT IS REQUIRED PRIOR TO INITIATION OF CONSTRUCTION.
- 8. ALL UTILITY SERVICES ARE TO BE UNDERGROUND. THE EXACT LOCATION AND SIZE OF ELECTRIC, TELEPHONE, CABLE TELEVISION, SANITARY SEWER AND PUBLIC WATER ARE TO BE DETERMINED BY THE RESPECTIVE UTILITY COMPANIES.
- 9. ALL STORM PIPING SHALL BE HIGH DENSITY POLYETHYLENE PIPE (HDPE) UNLESS OTHERWISE NOTED.
- 10. ALL PROPOSED CONTOURS AND SPOT ELEVATIONS INDICATE FINISHED GRADE.
- 11. ALL GRAVITY SANITARY SEWER PIPE SHALL BE SDR35 UNLESS OTHERWISE NOTED.
- 12. ALL FUEL, OIL, PAINT, OR OTHER HAZARDOUS MATERIALS USED ON SITE SHOULD BE STORED IN A SECONDARY CONTAINER AND REMOVED TO A LOCKED INDOOR AREA DURING NON-WORK HOURS.
- 13. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING ANY UTILITIES INCLUDING IRRIGATION PIPES PRIOR TO THE START OF CONSTRUCTION
- 14. ALL DIMENSIONS AND ELEVATIONS SHALL BE VERIFIED IN THE FIELD PRIOR TO CONSTRUCTION. ANY DISCREPANCIES SHALL BE
- 15. 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 "CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL 2023, AS AMENDED, AND IN ALL CASES BEST MANAGEMENT PRACTICES SHALL PREVAIL.
- 16. ALL DISTURBED AREAS SHALL RECEIVE A MINIMUM OF 6" TOPSOIL AND BE SEEDED WITH SPECIFIED SEED MIX, AS SHOWN ON TH PLANS.
- 17. IN ALL CASES, TOPSOIL AND OTHER CONSTRUCTION MATERIALS SHALL BE DRAWN FROM THE ON-SITE STOCKPILES OF EXISTING
- 18. ALL CONSTRUCTION MATERIALS AND METHODS SHALL CONFORM TO THE TOWN OF SALISBURY REQUIREMENTS AND TO THE APPLICABLE SECTIONS OF THE STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROADS, BRIDGES, FACILITIES AND INCIDENTAL CONSTRUCTION, FORM 818 AND ADDENDUMS.
- 19. 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.
- 20. COMPLIANCE WITH THE PERMIT CONDITIONS IS THE RESPONSIBILITY OF BOTH THE CONTRACTOR AND PERMITEE.
- 21. THESE PLANS HAVE BEEN PREPARED FOR REGULATORY APPROVAL ONLY. THEY ARE NOT INTENDED FOR USE DURING CONSTRUCTION.
- 22. THE PROPERTY OWNER MUST MAINTAIN (REPAIR/REPLACE WHEN NECESSARY) THE EROSION CONTROLS UNTIL ALL DEVELOPMENT ACTIVITY IS COMPLETED AND ALL DISTURBED AREAS ARE PERMANENTLY STABILIZED.



PROJECT SITE VICINITY MAP:



ZONING DATA TABLE

RURAL RESIDENCE 1 ZONE (RR	-1)	
ADDRESS: 104 & 106 SHARON	ROAD AND 53 WELLS HILL	ROAD
	REQUIRED/ALLOWED	PROVIDED
MIN. LOT AREA (104 & 106 SHARON ROAD)	80,000 SF	501,362 SF (11.5 ACRES)
MIN. LOT AREA (53 WELLS HILL ROAD)	80,000 SF	99,518 SF (2.3 ACRES)
MIN. LOT AREA (TOTAL)	80,000 SF	600,880 SF (13.8 ACRES
MIN. BUILDABLE AREA	20,000 SF	> 20,000 SF
MIN. STREET FRONTAGE	25'	>25'
MIN. FRONT SETBACK	40'	61.1' (BAR)
MIN. SIDE SETBACK	30'	31.3' (COTTAGE 5)
MIN. REAR SETBACK	30'	N/A
MIN. SQUARE EACH SIDE	150'	150'
MAX. BUILDING COVERAGE	10%	7.6%
MAX. IMPERVIOUS SURFACE COVERAGE		19.1%
MAX. BUILDING HEIGHT (INN)	52' (EXISTING)	<52' (PROP. ADDITION)
MAX. BUILDING HEIGHT (OTHER)	30' (FLAT ROOF)/35' (OTHER ROOF)	30'/35'
MIN. SEPARATION BETWEEN BUILDINGS	10'	10'

PARKING DATA

	COUNT	
PERMANENT PARKING SPACES	121	
ACCESSIBLE PARKING SPACES	8	
OVERFLOW GREAT LAWN SPACES	39	
TOTAL PARKING SPACES	160 (121+39)	
PER TABLE 703.11 TABLE OF PARKING REQUIREMEN' 1/ROOM; ADDITIONAL FOR OTHER FACILITIES BASE		SMEI

AQUIFER PROTECTION AREA DATA

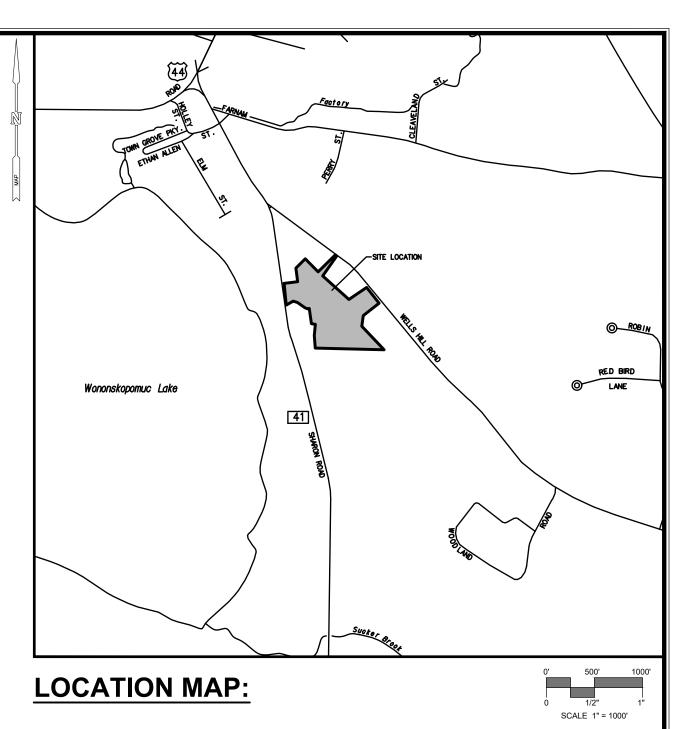
	AREA (SF)
PROPERTY AREA WITHIN AQUIFER PROTECTION	248,640 SF (5.71 ACRES)
IMPERVIOUS AREA WITHIN AQUIFER PROTECTION	35,165 SF (0.81 ACRES)
PERCENTAGE OF IMPERVIOUS AREA	14.1%

PREPARED BY:











	<u>LEGEND</u>	
EXISTING		PROPOSED
	STREET LINE	_
	PROPERTY LINE	
	EASEMENT	
	SETBACK LINE	
NDDB	NDDB BOUNDARY	
70	MAJOR CONTOUR	
68	MINOR CONTOUR	
× 70.5	SPOT GRADE	+70.5
	WETLANDS	
	75' WETLANDS SETBACK	
	AQUIFER PROTECTION AREA BOUNDARY	
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	TREE LINE	
* 3	TREE/SHRUB	( + ) <del>( )</del>
000000000000	STONEWALL	
\$	SITE LIGHT	<b>\(\phi\)</b>
HÅD	HYDRANT	<b>7</b>
0	WATER METER	
₩V	WATER VALVE	o _{wv}
O _{GV}	GAS VALVE	
	CATCH BASIN	
0	MANHOLE/YARD DRAIN	
ss	SANITARY SEWER SERVICE/MAIN	SAN
	STORM DRAIN W/CATCH BASIN	
	WATER MAIN	w
	ELECTRICAL CONDUIT	E
UU	OVERHEAD WIRE	
T.	UTILITY POLE	
	TRAFFIC SIGN	
•	MONUMENT	
	EDGE OF PAVEMENT W/CURB	
	•	

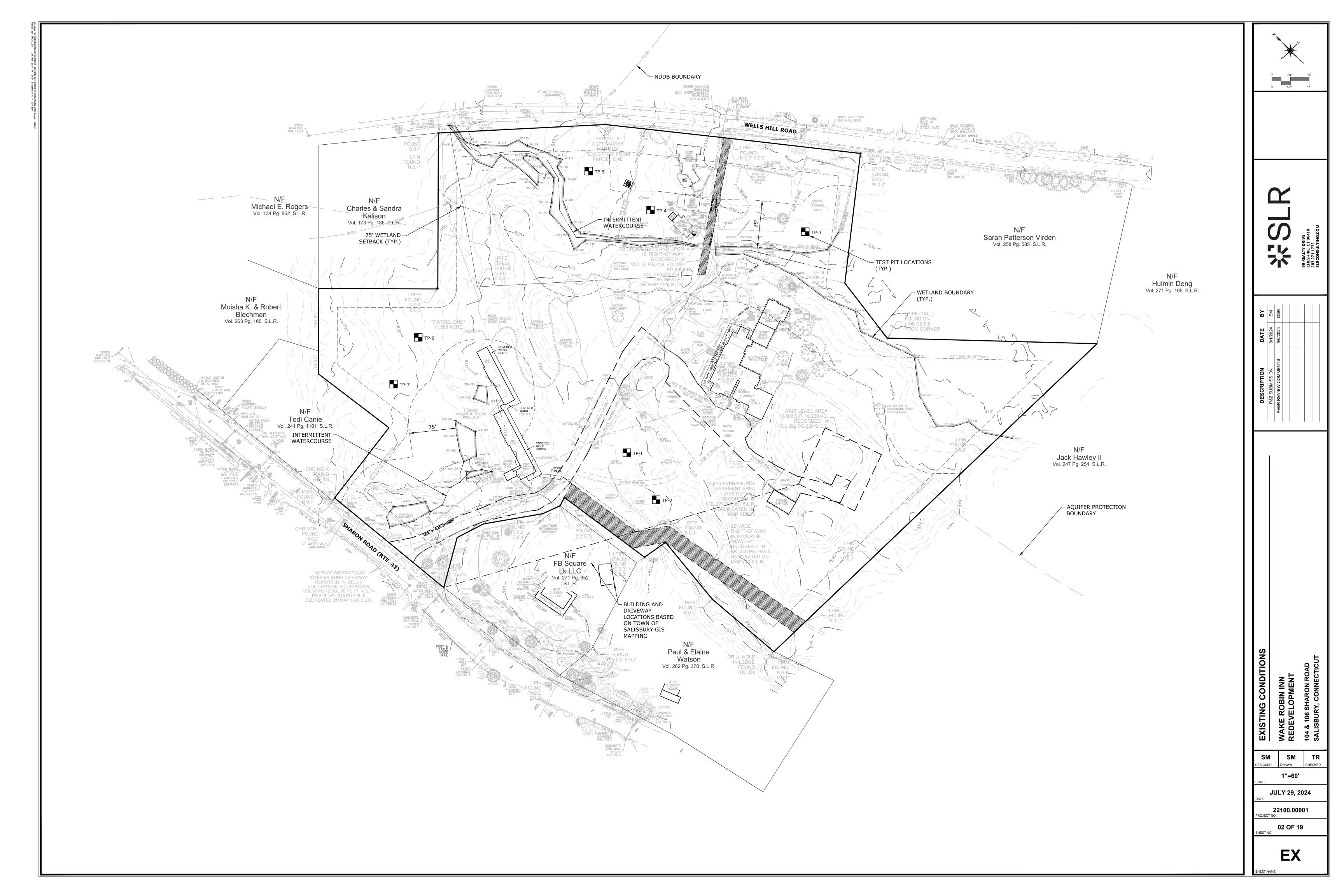
#### PREPARED FOR:

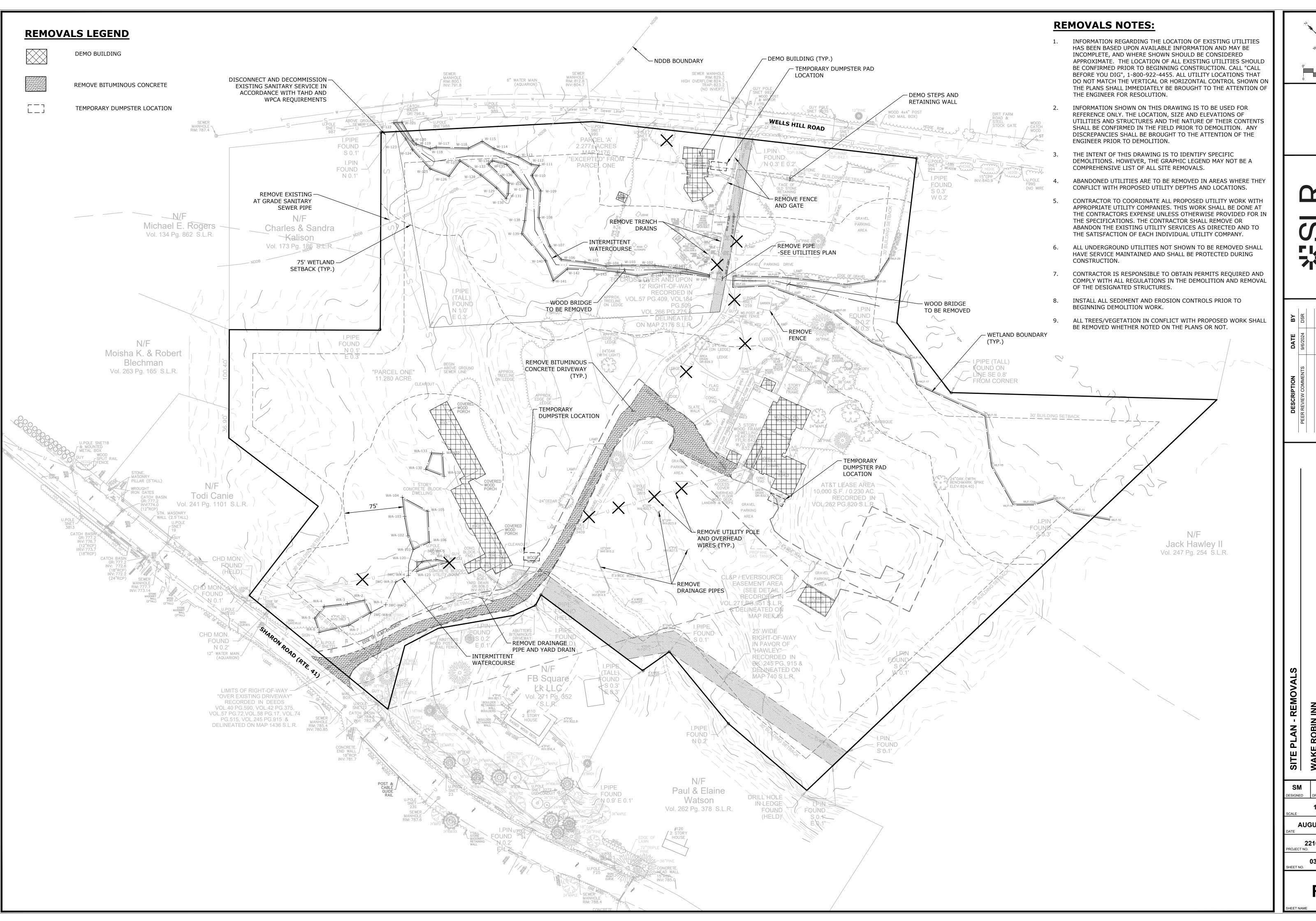
ARADEV LLC 352 ATLANTIC AVENUE, UNIT 2 BROOKLYN, NY 11217

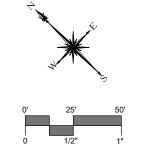
## **LIST OF DRAWINGS**

	<u> </u>	
NO.	NAME	TITLE
01		TITLE SHEET
02	EX	EXISTING CONDITIONS
03	RP	SITE PLAN - REMOVALS
04	LA	SITE PLAN - LAYOUT
05	LS	SITE PLAN - LANDSCAPING
06	GR	SITE PLAN - GRADING
07	UT	SITE PLAN - UTILITIES
80	PP-1	PHASING PLAN
09	PP-2	PHASING PLAN NOTES
10	SE-1	SEDIMENT & EROSION CONTROL PLAN
11	SE-2	SEDIMENT & EROSION CONTROL NOTES & DETAILS
12-18	SD-1 - SD-7	SITE DETAILS
19	STR-1	STRUCTURAL DETAILS









99 REALTY DRIVE CHESHIRE, CT 06410

DESCRIPTION DATE BY
PEER REVIEW COMMENTS 9/6/2024 DSR

WAKE ROBIN INN REDEVELOPMENT 104 & 106 SHARON ROAD

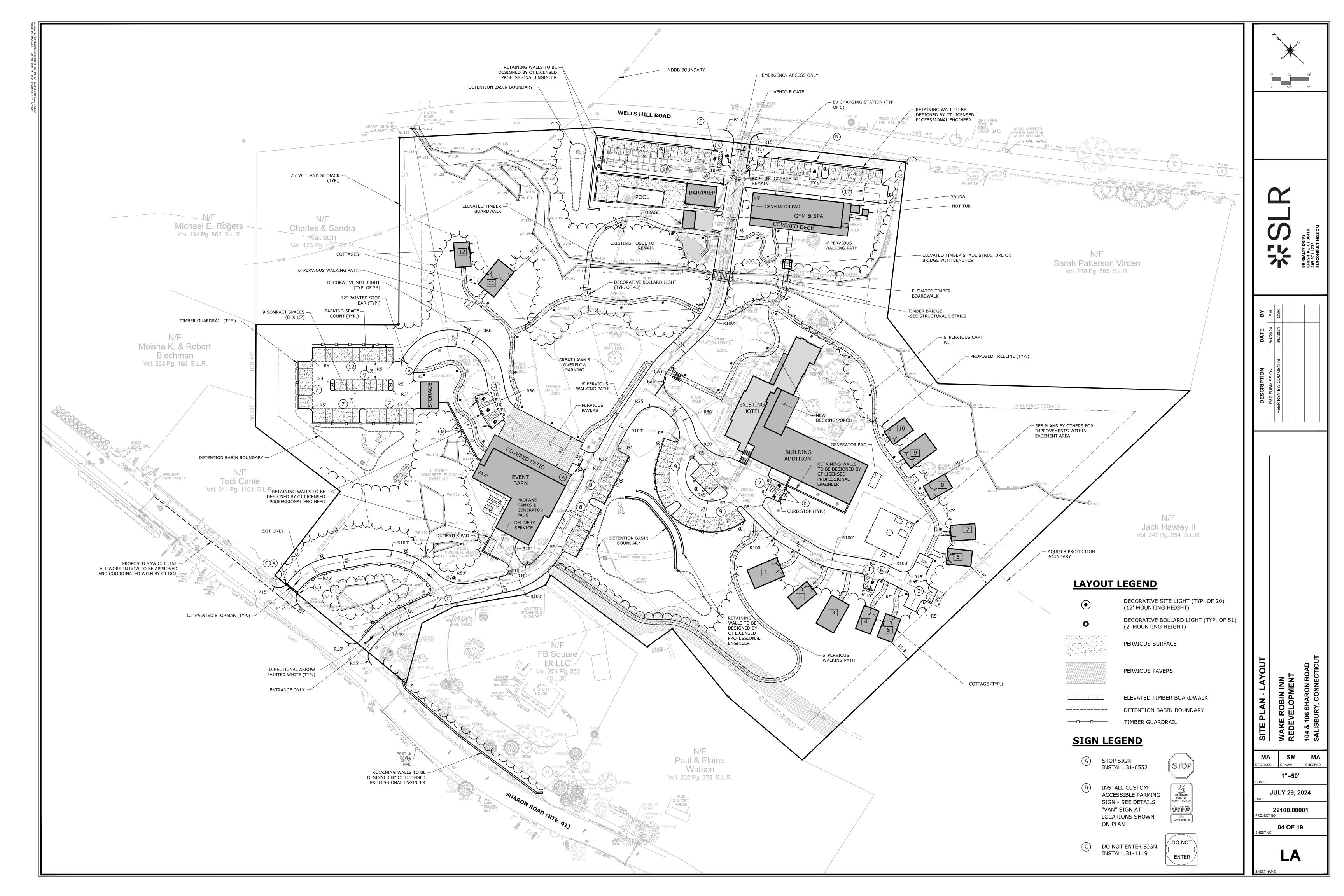
SM SM TF CHECKE

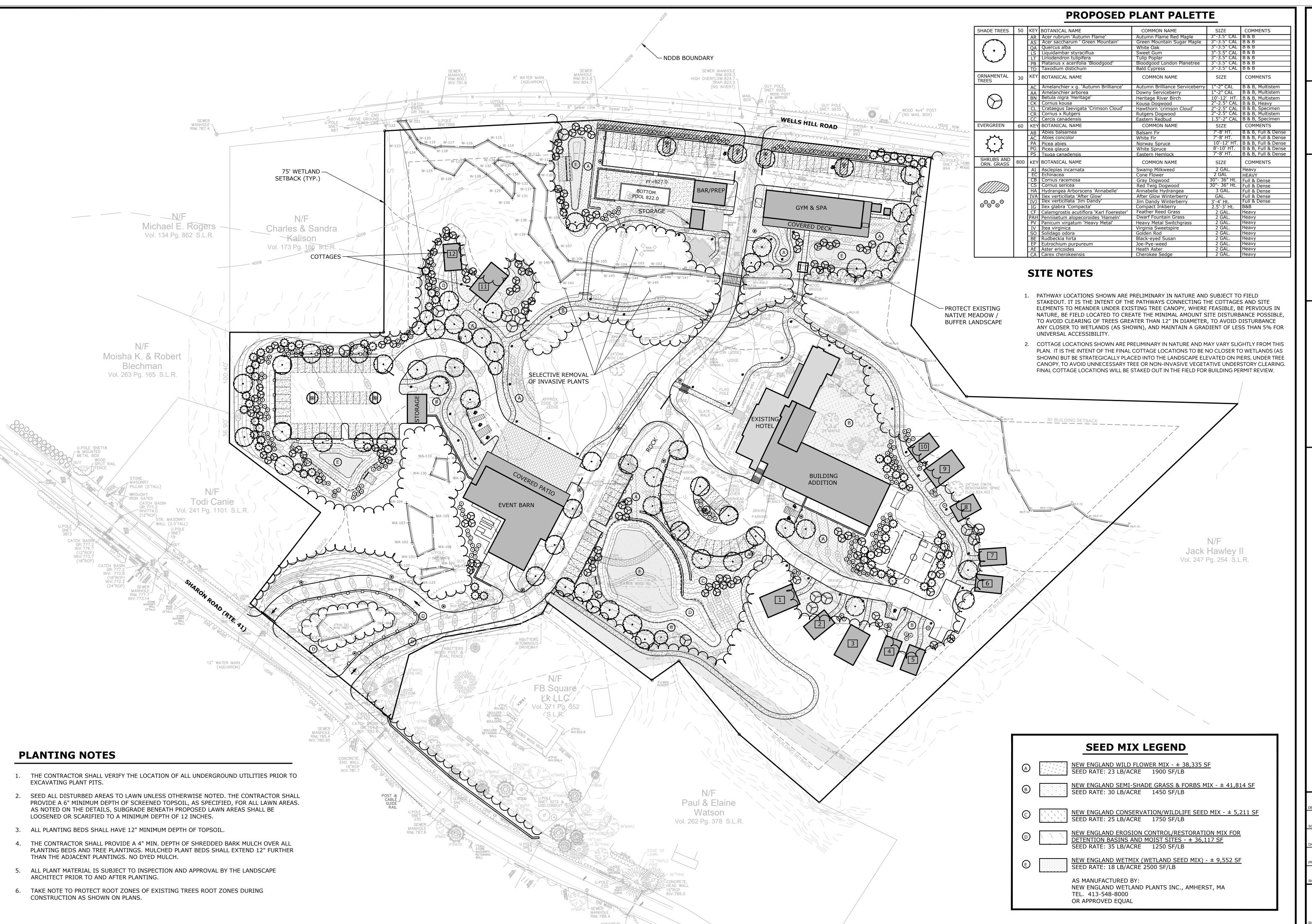
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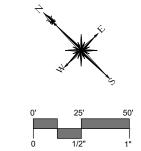
AUGUST 1, 2024

22100.00001 NO. 03 OF 19

RP







99 REALTY DRIVE CHESHIRE, CT 06410

P&Z SUBMISSION 8/1/2024 SB
PEER REVIEW COMMENTS 9/6/2024 SB

FDEVELOPMENT

8 4 8 106 SHARON ROAD

MA SB M
ESIGNED DRAWN CHECK

1"=50'

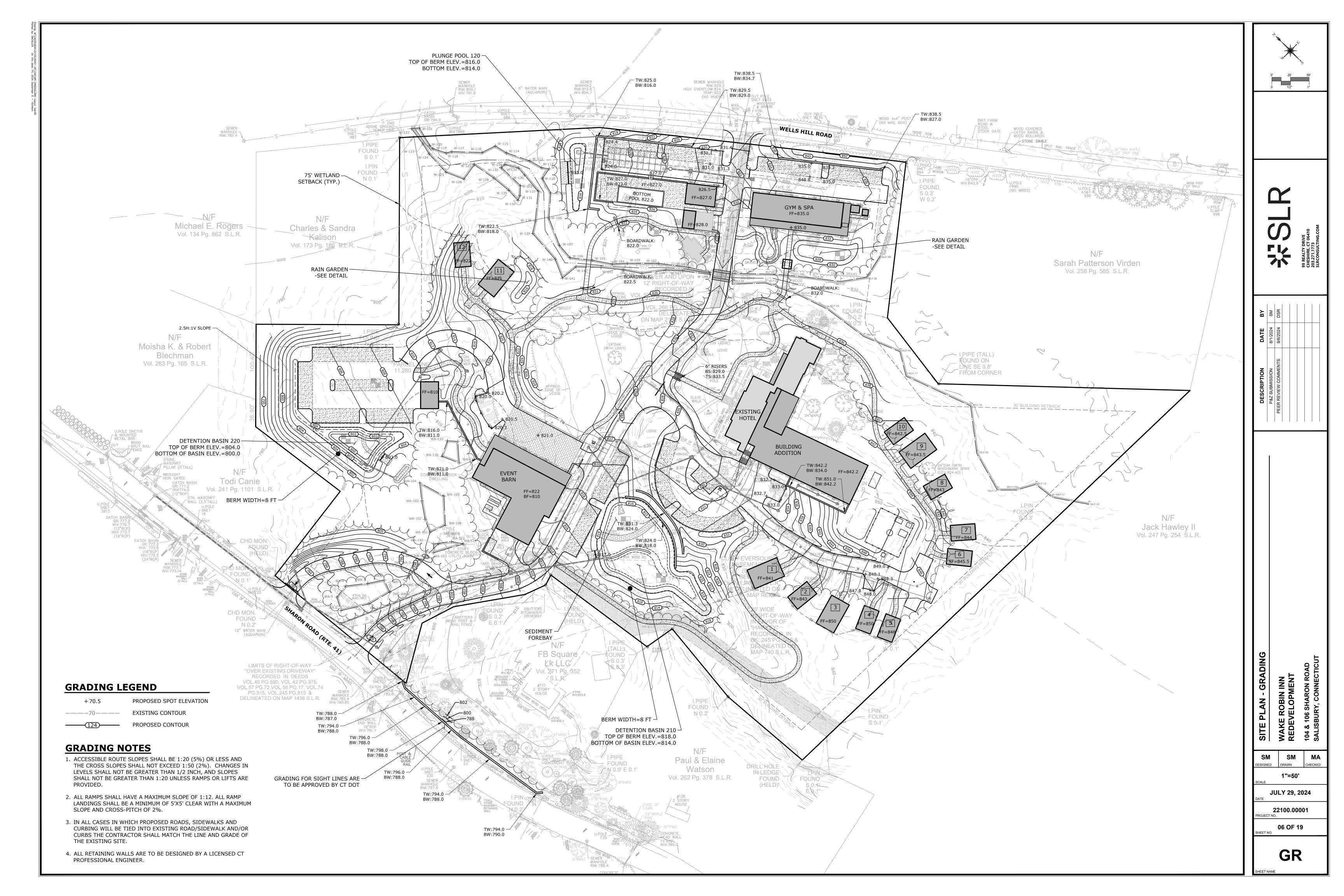
CALE

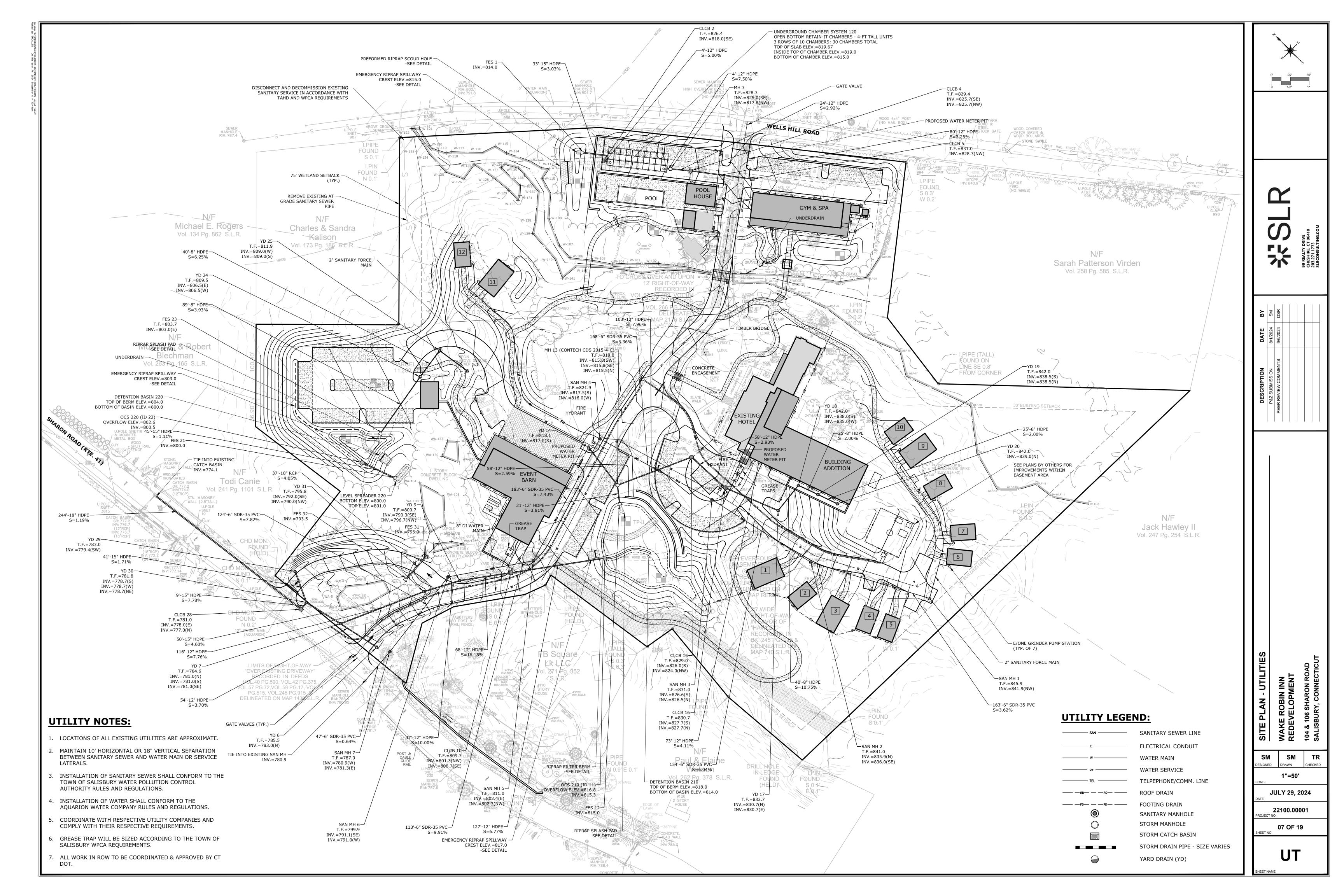
JULY 29, 2024

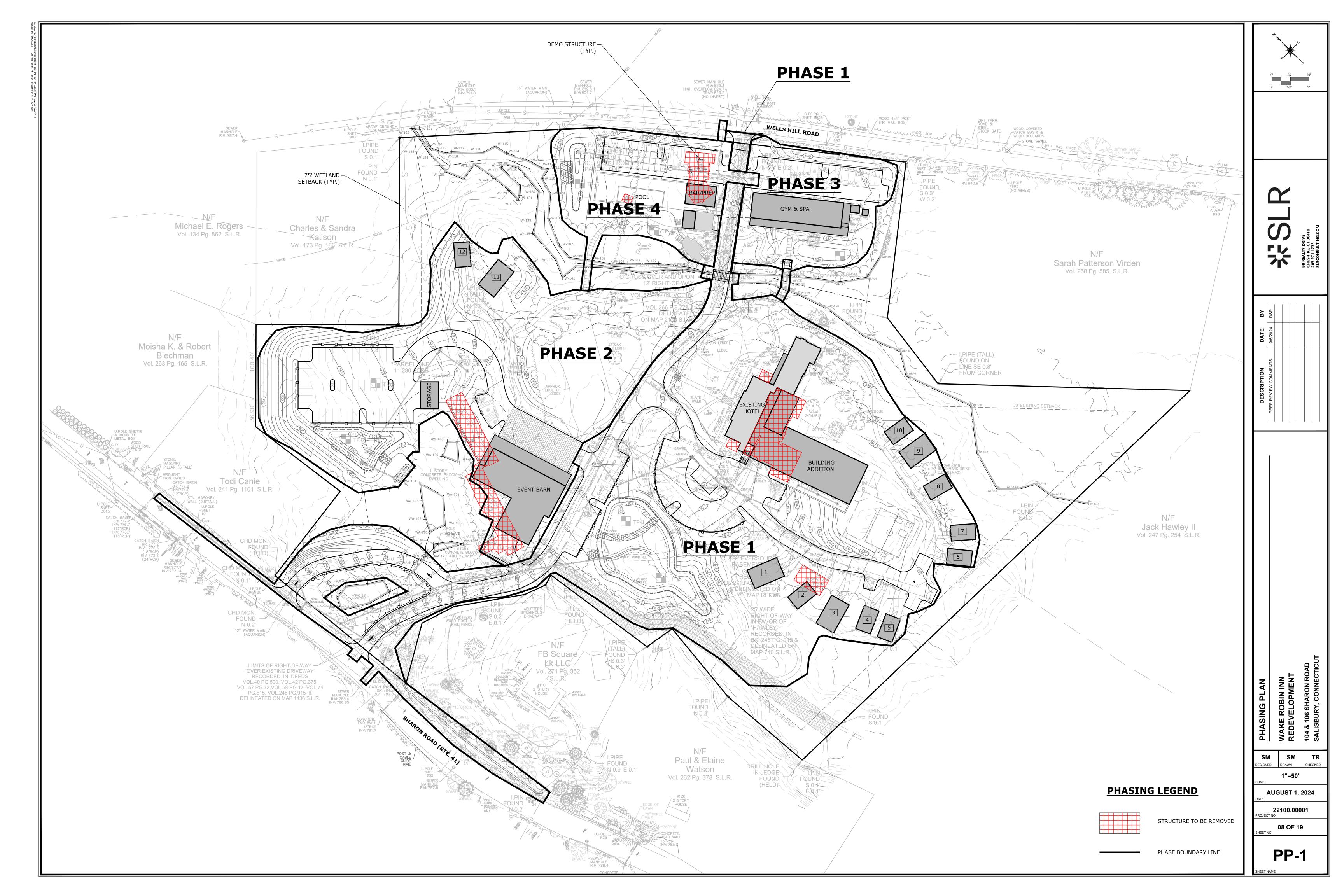
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**05 OF 19** 

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#### **CONSTRUCTION SEQUENCE - PHASING PLAN**

CURRENT DESIGN PLANS SHALL BE KEPT ON SITE AND BE AVAILABLE FOR VIEWING.

- 1. AT LEAST SIXTY DAYS PRIOR TO THE START OF CONSTRUCTION THE DEVELOPER IS TO SUBMIT TO THE STATE OF CONNECTICUT DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION (CTDEEP) A COMPLETED GENERAL PERMIT REGISTRATION FORM FOR THE DISCHARGE OF STORMWATER AND DEWATERING WASTEWATERS FROM CONSTRUCTION ACTIVITIES. AFTER THE DEPARTMENT'S REVIEW, THE DEVELOPER WILL MAKE THE NECESSARY PLAN CHANGES PRIOR TO THE START OF CONSTRUCTION.
- 2. SEDIMENT AND EROSION CONTROL INSPECTION REPORTS SHALL BE COMPLETED THROUGHOUT CONSTRUCTION WITH COPIES MAINTAINED ONSITE AND ALSO SUBMITTED TO CTDEEP AND THE TOWN OF SALISBURY LAND USE AGENCY, IN ACCORDANCE WITH STATE AND LOCAL PERMIT REQUIREMENTS. 3. AT THIS TIME A PRE-CONSTRUCTION MEETING SHALL BE HELD BETWEEN THE DEVELOPER, TOWN STAFF, AND DESIGN ENGINEER. AT THIS MEETING SOMEONE WILL BE NAMED RESPONSIBLE FOR MAINTAINING THE SEDIMENT AND EROSION CONTROL MEASURES. EROSION CONTROL INSPECTIONS SHALL BE PERFORMED ON A WEEKLY BASIS BY THIS PERSON AND AN INSPECTION REPORT BE SUBMITTED TO TOWN STAFF. AREAS WHERE THE EROSION CONTROL SYSTEMS HAVE FAILED SHALL BE NOTED AND SHALL BE REPAIRED PROMPTLY. A LOG OF ALL INSPECTIONS AND A COPY OF THE
- 4. THE SOIL EROSION AND SEDIMENT CONTROLS SHALL BE MODIFIED BY THE CONTRACTOR AT THE DIRECTION OF THE ENGINEER AND/OR A DESIGNATED TOWN REPRESENTATIVE AS NECESSITATED BY CHANGING SITE CONDITIONS.
- 5. THE SITE SHOULD BE KEPT CLEAN OF LOOSE DEBRIS, LITTER, AND BUILDING MATERIALS SUCH THAT NONE OF THE ABOVE ENTERS WETLANDS OR WATERCOURSES.
- 6. THE FOLLOWING IS INTENDED TO OUTLINE A REASONABLE CONSTRUCTION SEQUENCE OF MAJOR TASKS THAT MINIMIZES THE AMOUNT OF EXPOSED SOIL AREA AT ANY ONE TIME. THE AMOUNT OF EXPOSED SOIL SHALL BE LIMITED TO ACTIVE WORK AREAS ONLY AND BE KEPT TO A MINIMUM AT ALL TIMES. THE BEST WAY TO MINIMIZE SOIL EROSION IS TO MAINTAIN VEGETATIVE COVER AND KEEP DISTURBED AREAS BELOW FIVE ACRES DRAINING TO ANY ONE LOCATION. VEGETATIVE COVER WHETHER TEMPORARY OR PERMANENT SHALL BE ESTABLISHED AS SOON AS POSSIBLE. ANY CHANGES TO THE SEQUENCE OF CONSTRUCTION MUST BE COORDINATED WITH THE TOWN ENGINEER AND/OR A DESIGNATED TOWN REPRESENTATIVE. THE SELECTED SITE CONTRACTOR SHALL REVIEW THE EROSION AND SEDIMENT CONTROL PLANS AND SUBMIT A FINAL PLAN, CONSTRUCTION SEQUENCE, AND SCHEDULE PRIOR TO INITIATION OF EACH PHASE. SUCH PLAN AND SUPPORTING INFORMATION SHALL BE PREPARED BY A PROFESSIONAL ENGINEER OR CERTIFIED PROFESSIONAL IN EROSION AND SEDIMENT CONTROL.
- 7. ALL SEDIMENT AND EROSION CONTROLS SHALL BE CONSISTENT WITH THE 2024 CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL AND SALISBURY PLANNING & ZONING REGULATIONS.
- 8. IN ORDER TO MINIMIZE THE AMOUNT OF EXPOSED SOIL AREA THE CONSTRUCTION SEQUENCE HAS BEEN DIVIDED INTO FOUR PHASES.
- 9. BITUMINOUS CONCRETE TOP COURSE FOR MAIN CORRIDOR WHICH CONNECTS SHARON ROAD AND WELLS HILL ROAD WILL BE COMPLETED LAST.
- 10. UPON COMPLETION OF THE FINAL PHASE OF CONSTRUCTION AND FINAL EROSION CONTROL INSPECTION IN ACCORDANCE WITH DEEP GENERAL PERMIT, THE REGISTRANT SHALL FILE A NOTICE OF TERMINATION TO CLOSE THE PERMIT.

#### PRE-CONSTRUCTION & DEMOLITION PHASE

- 1. CONTRACTOR TO STAKE OUT LIMIT OF DISTURBANCE FOR CONSTRUCTION FOR PHASES 1 THRU 4. NO DISTURBANCE IS TO TAKE PLACE BEYOND THE
- 2. INSTALL CONSTRUCTION ENTRANCES, INLET PROTECTION AND PERIMETER EROSION CONTROLS AS DEPICTED ON THE SOIL EROSION AND SEDIMENT
- 3. BEGIN TREE CLEARING OPERATIONS FOR PHASES PHASES 1 THRU 4. REMOVE STUMPS LOCATED WITHIN THE CLEARED AREA. ANY PORTION OF THE CLEARED AREA THAT WILL NOT BE ACTIVE WITHIN ONE MONTH SHALL BE STABILIZED WITH HAY AND SEED AFTER STUMPS ARE REMOVED. STUMPS ARE TO BE GROUND INTO MULCH OR REMOVED AND DISPOSED OF OFF-SITE. WOODCHIPS FROM CLEARING OPERATIONS MAY BE STOCKPILED TO BE USED FOR EROSION CONTROL DURING THE WINTER MONTHS TO BLANKET DISTURBED AREAS WHEN TURF ESTABLISHMENT IS IMPRACTICAL.
- 4. CONDUCT DEMOLITION OF ANY EXISTING STRUCTURES OR OTHER EXISTING IMPROVEMENTS THAT ARE DESIGNATED TO BE REMOVED FOR PHASES 1 THRU 4. ALL TRASH AND OTHER SURFACE DEBRIS SHOULD ALSO BE REMOVED AT THIS TIME AND DISPOSED OF AT AN APPROPRIATE OFF-SITE
- 5. NO WORK SHALL PROCEED ON PHASE 1 UNTIL AUTHORIZED BY THE TOWN LAND USE AGENCY.

- 1. CONSTRUCT DRAINAGE SWALES, DIVERSION BERMS AND TEMPORARY SEDIMENT TRAPS/BASINS FOR PHASE 1. TEMPORARY SEDIMENT TRAPS/BASINS ARE TO BE CONSTRUCTED FIRST. THE BOTTOM OF THE TRAPS ARE TWO FEET HIGHER THAN THE BOTTOM OF THE PROPOSED BASINS. ONCE THE TRAP IS STABILIZED, CONSTRUCTION MAY BE COMMENCED FOR HOTEL BUILDING ADDITION, COTTAGES, ROADWAYS, AND UTILITIES.
- 2. BEGIN STRIPPING TOPSOIL FOR THE ROADWAYS, FOLLOWED BY THE BUILDING LOCATIONS. TOPSOIL SHALL BE STOCKPILED WITHIN LIMITS OF CLEARING DESIGNATED ON THE DESIGN PLANS AND BE ENCIRCLED WITH SEDIMENT FILTER FENCE. TOPSOIL STOCKPILES THAT ARE TO SIT UNDISTURBED FOR GREATER THAN THIRTY DAYS ARE TO BE STABILIZED WITH TEMPORARY SEEDING.
- 3. CONSTRUCT STORM DRAINS, UTILITIES, RETAINING WALLS, ROADWAYS AND PARKING AREAS ASSOCIATED WITH PHASE 1. INSTALL INLET PROTECTION FOR INSTALLED CATCH BASINS AND YARD DRAINS.
- 4. BEGIN MASS EARTHWORK FOR THE MAIN DRIVEWAY ENTRANCE SIGHT LINES, NEW BUILDINGS, PARKING AREAS AND TRAILS ASSOCIATED WITH PHASE 1. ANY BLASTING REQUIRED SHALL BE PERFORMED ACCORDING TO THE TOWN OF SALISBURY STANDARDS AND APPLICABLE INDUSTRY STANDARDS. ALL BLASTING SHALL BE COORDINATED WITH THE TOWN OF SALISBURY FIRE MARSHAL
- 5. ONCE ROUGH GRADE IS REACHED ALL STORM DRAINAGE AND UTILITY SERVICE INSTALLATIONS SHALL BE COMPLETED. EXCESS EXCAVATED SOIL MATERIAL FROM PHASE 1 SHALL BE DEPOSITED AT SPECIFIED FILL LOCATIONS IN OTHER PHASES.
- 6. WHEN BUILDING CONSTRUCTION, UTILITY SERVICE INSTALLATION AND TRAILS ARE COMPLETE, TOPSOIL SHALL BE PLACED AND FINE GRADED TO FINISHED GRADE SHOWN ON SITE PLANS. PERMANENT SEEDING, LANDSCAPE PLANTINGS AND IRRIGATION SHALL BE COMPLETED AT THIS TIME, ALONG WITH INSTALLATION OF THE BASE LAYER OF BITUMINOUS CONCRETE PAVEMENT.
- PERIMETER EROSION CONTROLS ARE TO REMAIN IN PLACE UNTIL ALL NEW BUILDINGS ARE CONSTRUCTED AND THE SITE IS PERMANENTLY STABILIZED UP SLOPE OF THE PERIMETER EROSION CONTROL.
- 8. UPON COMPLETION OF ALL BUILDINGS IN PHASE 1 AND PERMANENT STABILIZATION OF ALL DISTURBED AREAS ASSOCIATED WITH CONSTRUCTION, TEMPORARY SEDIMENT BASIN #2 SHALL BE CONVERTED TO PERMANENT STORMWATER BASIN 210 AND ALL STORM DRAINAGE STRUCTURES WITHIN PHASE 1 SHALL BE INSPECTED AND THOROUGHLY CLEANED OF ACCUMULATED SEDIMENT AND DEBRIS.
- 9. PERIMETER EROSION CONTROLS ARE TO REMAIN IN PLACE DOWN SLOPE OF ALL DISTURBED SITE AREAS UNTIL THE SITE IS PERMANENTLY
- 10. NO WORK SHALL PROCEED ON PHASE 2 UNTIL AUTHORIZED BY THE TOWN LAND USE AGENCY.

#### PHASE 2 CONSTRUCTION

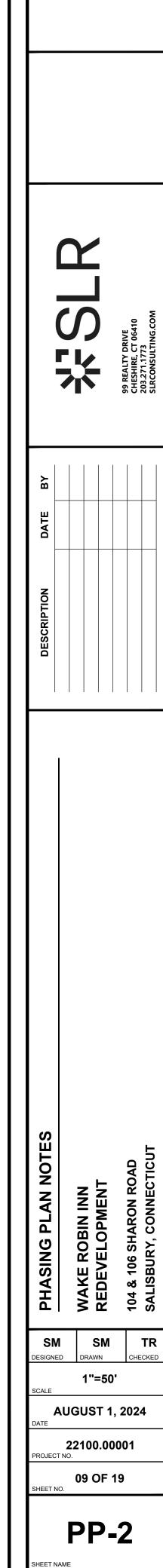
- 1. CONSTRUCT DRAINAGE SWALES, DIVERSION BERMS AND TEMPORARY SEDIMENT TRAPS/BASINS FOR PHASE 2. TEMPORARY SEDIMENT TRAPS/BASINS ARE TO BE CONSTRUCTED FIRST. THE BOTTOM OF THE TRAPS ARE TWO FEET HIGHER THAN THE BOTTOM OF THE PROPOSED BASINS. ONCE THE TRAP IS STABILIZED, CONSTRUCTION MAY BE COMMENCED FOR HOTEL BUILDING ADDITION, COTTAGES, ROADWAYS, AND UTILITIES.
- 2. BEGIN STRIPPING TOPSOIL FOR THE ROADWAYS, FOLLOWED BY THE BUILDING LOCATIONS. TOPSOIL SHALL BE STOCKPILED WITHIN LIMITS OF CLEARING DESIGNATED ON THE DESIGN PLANS AND BE ENCIRCLED WITH SEDIMENT FILTER FENCE. TOPSOIL STOCKPILES THAT ARE TO SIT UNDISTURBED FOR GREATER THAN THIRTY DAYS ARE TO BE STABILIZED WITH TEMPORARY SEEDING.
- 3. CONSTRUCT STORM DRAINS, UTILITIES, RETAINING WALLS, ROADWAYS AND PARKING AREAS ASSOCIATED WITH PHASE 2. INSTALL INLET PROTECTION FOR INSTALLED CATCH BASINS AND YARD DRAINS.
- 4. BEGIN MASS EARTHWORK FOR THE NEW BUILDINGS, ROADWAYS, PARKING AREAS AND TRAILS ASSOCIATED WITH PHASE 2. ANY BLASTING REQUIRED SHALL BE PERFORMED ACCORDING TO THE TOWN OF SALISBURY STANDARDS AND APPLICABLE INDUSTRY STANDARDS. ALL BLASTING SHALL BE COORDINATED WITH THE TOWN OF SALISBURY FIRE MARSHAL.
- 5. ONCE ROUGH GRADE IS REACHED ALL STORM DRAINAGE AND UTILITY SERVICE INSTALLATIONS SHALL BE COMPLETED. EXCESS EXCAVATED SOIL MATERIAL FROM PHASE 2 SHALL BE DEPOSITED AT SPECIFIED FILL LOCATIONS IN OTHER PHASES.
- 6. WHEN BUILDING CONSTRUCTION AND UTILITY SERVICE INSTALLATION IS COMPLETE, TOPSOIL SHALL BE PLACED AND FINE GRADED TO FINISHED GRADE SHOWN ON SITE PLANS. PERMANENT SEEDING, LANDSCAPE PLANTINGS AND IRRIGATION SHALL BE COMPLETED AT THIS TIME, ALONG WITH INSTALLATION OF THE BASE LAYER OF BITUMINOUS CONCRETE PAVEMENT.
- 7. PERIMETER EROSION CONTROLS ARE TO REMAIN IN PLACE UNTIL ALL NEW BUILDINGS ARE CONSTRUCTED AND THE SITE IS PERMANENTLY STABILIZED UP SLOPE OF THE PERIMETER EROSION CONTROL.
- 8. UPON COMPLETION OF ALL BUILDINGS IN PHASE 2 AND PERMANENT STABILIZATION OF ALL DISTURBED AREAS ASSOCIATED WITH CONSTRUCTION. TEMPORARY SEDIMENT BASIN #1 SHALL BE CONVERTED TO PERMANENT STORMWATER BASIN 220 AND ALL STORM DRAINAGE STRUCTURES WITHIN PHASE 2 SHALL BE INSPECTED AND THOROUGHLY CLEANED OF ACCUMULATED SEDIMENT AND DEBRIS.
- 9. PERIMETER EROSION CONTROLS ARE TO REMAIN IN PLACE DOWN SLOPE OF ALL DISTURBED SITE AREAS UNTIL THE SITE IS PERMANENTLY
- 10. NO WORK SHALL PROCEED ON PHASE 3 UNTIL AUTHORIZED BY THE TOWN LAND USE AGENCY.

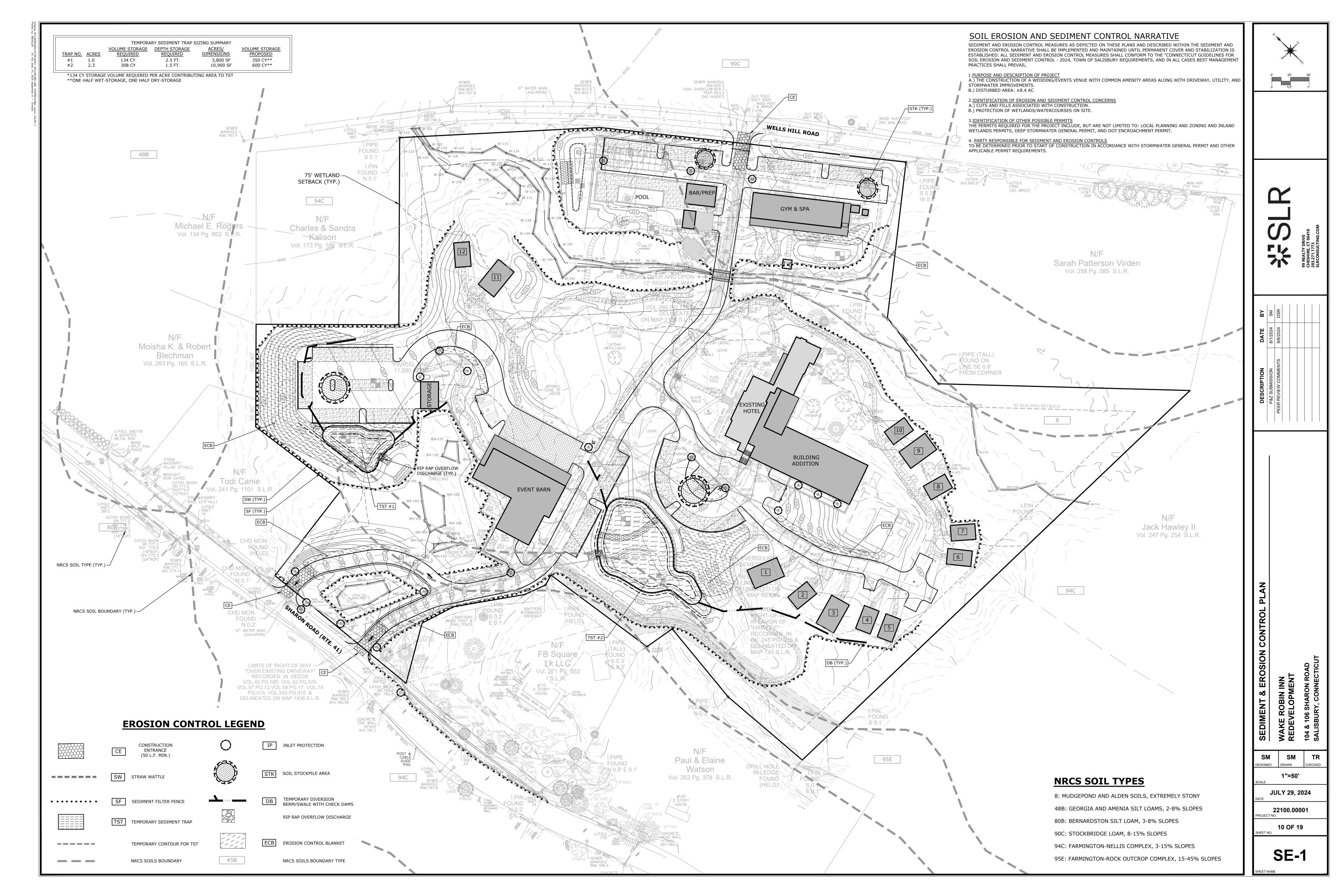
#### PHASE 3 CONSTRUCTION

- 1. BEGIN STRIPPING TOPSOIL FOR THE ROADWAY AND PARKING AREA FOLLOWED BY THE BUILDING LOCATIONS. TOPSOIL SHALL BE STOCKPILED WITHIN LIMITS OF CLEARING DESIGNATED ON THE DESIGN PLANS AND BE ENCIRCLED WITH SEDIMENT FILTER FENCE. TOPSOIL STOCKPILES THAT ARE TO SIT UNDISTURBED FOR GREATER THAN THIRTY DAYS ARE TO BE STABILIZED WITH TEMPORARY SEEDING.
- 2. BEGIN MASS EARTHWORK FOR THE BUILDINGS, ROADWAYS, PARKING AREAS AND TRAILS ASSOCIATED WITH PHASE 3. ANY BLASTING REQUIRED SHALL BE PERFORMED ACCORDING TO THE TOWN OF SALISBURY STANDARDS AND APPLICABLE INDUSTRY STANDARDS. ALL BLASTING SHALL BE COORDINATED WITH THE TOWN OF SALISBURY FIRE MARSHAL.
- 3. CONSTRUCT STORM DRAINS, UTILITIES, RETAINING WALLS, ROADWAYS AND PARKING AREAS ASSOCIATED WITH PHASE 3.
- 4. ONCE ROUGH GRADE IS REACHED ALL STORM DRAINAGE AND UTILITY SERVICE INSTALLATIONS SHALL BE COMPLETED. EXCESS EXCAVATED SOIL MATERIAL FROM PHASE 3 SHALL BE DEPOSITED IN PHASE 4.
- 5. WHEN BUILDING CONSTRUCTION AND UTILITY SERVICE INSTALLATION IS COMPLETE, TOPSOIL SHALL BE PLACED AND FINE GRADED TO FINISHED GRADE SHOWN ON SITE PLANS. PERMANENT SEEDING, LANDSCAPE PLANTINGS AND IRRIGATION SHALL BE COMPLETED AT THIS TIME.
- 6. INSTALL FOOTBRIDGE ACROSS WETLANDS CONNECTING WALKING TRAILS BETWEEN PHASES 1 & 3.
- 7. PERIMETER EROSION CONTROLS ARE TO REMAIN IN PLACE UNTIL ALL NEW BUILDINGS ARE CONSTRUCTED AND THE SITE IS PERMANENTLY STABILIZED UP SLOPE OF THE PERIMETER EROSION CONTROL.
- 8. PERIMETER EROSION CONTROLS ARE TO REMAIN IN PLACE DOWN SLOPE OF ALL DISTURBED SITE AREAS UNTIL THE SITE IS PERMANENTLY
- 9. NO WORK SHALL PROCEED ON PHASE 4 UNTIL AUTHORIZED BY THE TOWN LAND USE AGENCY.

#### PHASE 4 CONSTRUCTION

- 1. BEGIN STRIPPING TOPSOIL FOR THE ROADWAY AND PARKING AREA FOLLOWED BY THE BUILDING AND POOL LOCATIONS. TOPSOIL SHALL BE STOCKPILED WITHIN LIMITS OF CLEARING DESIGNATED ON THE DESIGN PLANS AND BE ENCIRCLED WITH SEDIMENT FILTER FENCE OR EXPORTED FROM THE SITE. TOPSOIL STOCKPILES THAT ARE TO SIT UNDISTURBED FOR GREATER THAN THIRTY DAYS ARE TO BE STABILIZED WITH TEMPORARY
- 2. BEGIN MASS EARTHWORK FOR THE NEW BUILDINGS, ROADWAY, PARKING AREA, POOL, DRAINAGE BASIN AND TRAILS ASSOCIATED WITH PHASE 4. ANY BLASTING REQUIRED SHALL BE PERFORMED ACCORDING TO THE TOWN OF SALISBURY STANDARDS AND APPLICABLE INDUSTRY STANDARDS. ALL BLASTING SHALL BE COORDINATED WITH THE TOWN OF SALISBURY FIRE MARSHAL.
- 3. CONSTRUCT STORM DRAINS, UTILITIES, RETAINING WALLS, ROADWAYS AND PARKING AREAS ASSOCIATED WITH PHASE 4.
- 4. ONCE ROUGH GRADE IS REACHED ALL STORM DRAINAGE AND UTILITY SERVICE INSTALLATIONS SHALL BE COMPLETED. EXCESS EXCAVATED SOIL MATERIAL FROM PHASE 4 SHALL BE REMOVED FROM THE SITE.
- 5. WHEN BUILDING AND POOL CONSTRUCTION AND UTILITY SERVICE INSTALLATION IS COMPLETE, TOPSOIL SHALL BE PLACED AND FINE GRADED TO FINISHED GRADE SHOWN ON SITE PLANS. PERMANENT SEEDING, LANDSCAPE PLANTINGS AND IRRIGATION SHALL BE COMPLETED AT THIS TIME.
- 6. INSTALL FOOTBRIDGE ACROSS WETLANDS CONNECTING WALKING TRAILS BETWEEN PHASES 2 & 4.
- 7. PERIMETER EROSION CONTROLS ARE TO REMAIN IN PLACE UNTIL THE POOL AND NEW BUILDINGS ARE CONSTRUCTED AND THE SITE IS PERMANENTLY STABILIZED UP SLOPE OF THE PERIMETER EROSION CONTROL
- 8. PERIMETER EROSION CONTROLS ARE TO REMAIN IN PLACE DOWN SLOPE OF ALL DISTURBED SITE AREAS UNTIL THE SITE IS PERMANENTLY STABILIZED.
- 9. NO WORK SHALL PROCEED ON PHASE 4 UNTIL AUTHORIZED BY THE TOWN LAND USE AGENCY.





IN GENERAL, ALL CONSTRUCTION ACTIVITIES SHALL PROCEED IN SUCH A MANNER SO AS DRIVEN THROUGH THE BALES AND INTO THE GROUND OR GEOTEXTILE FABRIC FASTENED NOT TO POLLUTE ANY WETLANDS, WATERCOURSE, WATER BODY, AND CONDUIT CARRYING TO A FENCE POST AND BURIED INTO THE GROUND, SHALL BE INSTALLED AND MAINTAINED WATER, ETC. THE CONTRACTOR SHALL LIMIT, INSOFAR AS POSSIBLE, THE SURFACE AREA AS REQUIRED TO CHECK EROSION AND REDUCE SEDIMENTATION. OF FARTH 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:

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 SECTIONS OF FILTER FABRIC SHALL OVERLAP MINIMUM OF TWO FEET (2'). TO ONE VERTICAL (2:1)
- b. THE PERMANENT EXPOSED FACES OF FILLS SHALL NOT BE STEEPER THAN TWO HORIZONTAL TO ONE VERTICAL (2:1).
- c. THE CUT FACE OF ROCK EXCAVATION SHALL NOT BE STEEPER THAN ONE HORIZONTAL TO TWO VERTICAL (1:2).
- d. PROVISIONS SHOULD BE INCLUDED TO CONVEY SURFACE WATER SAFELY TO STORM DRAINS TO PREVENT SURFACE RUNOFF FROM DAMAGING CUT FACES AND FILL SLOPES.
- e. NO FILL SHOULD BE PLACED WHERE IT WILL SLIDE OR WASH UPON THE INTO ADJACENT WETLANDS, WATERCOURSES, OR WATER BODIES.
- PRIOR TO ANY RE-GRADING, A STABILIZED CONSTRUCTION ENTRANCE SHALL BE PLACED AT THE ENTRANCE TO THE WORK AREA IN ORDER TO REDUCE MUD AND OTHER SEDIMENTS FROM LEAVING THE SITE.

# **TOPSOILING:**

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.

UPON ATTAINING FINAL SUBGRADES, SCARIFY SURFACE TO PROVIDE A GOOD BOND WITH

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

APPLY LIME ACCORDING TO SOIL TEST OR AT THE RATE OF TWO (2) TONS PER ACRE.

- TOPSOIL SHOULD HAVE PHYSICAL, CHEMICAL, AND BIOLOGICAL CHARACTERISTICS FAVORABLE TO THE GROWTH OF PLANTS
- 2. TOPSOIL SHOULD HAVE A SANDY OR LOAMY TEXTURE.
- 3. TOPSOIL SHOULD BE RELATIVELY FREE OF SUBSOIL MATERIAL AND MUST BE FREE O STONES (OVER 1" IN DIAMETER), LUMPS OF SOIL, ROOTS, TREE LIMBS, TRASH, OR CONSTRUCTION DEBRIS. IT SHOULD BE FREE OF ROOTS OR RHIZOMES SUCH AS THISTLE, NUTGRASS, AND QUACKGRASS.
- 4. AN ORGANIC MATTER CONTENT OF SIX PERCENT (6%) IS REQUIRED. AVOID LIGHT
- 5. SOLUBLE SALT CONTENT OF OVER 500 PARTS PER MILLION (PPM) IS LESS SUITABLE. AVOID TIDAL MARSH SOILS BECAUSE OF HIGH SALT CONTENT AND SULFUR ACIDITY.
- 6. THE pH SHOULD BE MORE THAN 6.0. IF LESS, ADD LIME TO INCREASE pH TO AN ACCEPTABLE LEVEL

#### APPLICATION:

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

#### **TEMPORARY VEGETATIVE COVER:**

FEMPORARY 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.

#### SITE PREPARATION:

- 1. INSTALL REQUIRED SURFACE WATER CONTROL MEASURES.
- 2. REMOVE LOOSE ROCK, STONE, AND CONSTRUCTION DEBRIS FROM AREA.
- . APPLY LIME ACCORDING TO SOIL TEST OR AT A RATE OF ONE (1) TON OF GROUND DOLOMITIC LIMESTONE PER ACRE (5 LBS. PER 100 SQ. FT.).
- 4. APPLY FERTILIZER ACCORDING TO SOIL TEST OR AT THE RATE OF 300 LBS. OF 10-10-10 SUITABLE EQUIPMENT (EXCEPT WHEN HYDROSEEDING). PER ACRE (7 LBS, PER 1,000 SO, 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 EOUIPMENT.
- 6. TILLAGE SHOULD ACHIEVE A REASONABLY UNIFORM LOOSE SEEDBED. WORK ON CONTOUR IF SITE IS SLOPING.

#### **ESTABLISHMENT:**

- APPLY SEED UNIFORMLY ACCORDING TO THE RATE INDICATED BY BROADCASTING, DRILLING, OR HYDRAULIC APPLICATION.
- 2. UNLESS HYDROSEEDED, COVER RYEGRASS SEEDS WITH NOT MORE THAN 1/4 INCH OF SOIL USING SUITABLE EQUIPMENT.
- 3. MULCH IMMEDIATELY AFTER SEEDING IF REQUIRED. (REFER TO TEMPORARY OR PERMANENT VEGETATIVE COVER REQUIREMENTS.) APPLY STRAW MULCH AND ANCHOR TO SLOPES GREATER THAN 3% OR WHERE CONCENTRATED FLOW WILL OCCUR.

#### **PERMANENT VEGETATIVE COVER:**

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

#### SITE PREPARATION:

- 1. INSTALL REQUIRED SURFACE WATER CONTROL MEASURES.
- 2. REMOVE LOOSE ROCK, STONE, AND CONSTRUCTION DEBRIS FROM AREA.
- 3. PERFORM ALL PLANTING OPERATIONS PARALLEL TO THE CONTOURS OF THE SLOPE.
- 4. APPLY TOPSOIL AS INDICATED ELSEWHERE HEREIN.
- 5. APPLY FERTILIZER ACCORDING TO SOIL TEST OR:
- SPRING SEEDING: WORK DEEPLY IN SOIL, BEFORE SEEDING, 300 LBS. OF 10-10-10 FERTILIZER PER ACRE (7 LBS. PER 1,000 SQ. FT.); THEN SIX (6) TO EIGHT (8) WEEKS LATER, APPLY ON THE SURFACE AN ADDITIONAL 300LBS. OF 10-10-10 FERTILIZER PER ACRE. AFTER SEPTEMBER 1, TEMPORARY VEGETATIVE COVER SHALL BE APPLIED.
- FALL SEEDING: WORK DEEPLY IN SOIL, BEFORE SEEDING, 600 LBS. OF 10-10-10 FERTILIZER PER ACRE (14 LBS. PER 1,000 SQ. FT.).

#### **EROSION CHECKS:**

FEMPORARY PERVIOUS BARRIERS USING BALES OF STRAW, HELD IN PLACE WITH STAKES

BALES SHOULD BE PLACED IN A ROW WITH ENDS TIGHTLY ABUTTING THE ADJACENT BALES.

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 (3')

HIGH FENCE AND BURIED A MINIMUM OF FOUR INCHES (4") TO THE SOIL. SEAMS BETWEEN

EACH BALE SHALL BE EMBEDDED INTO THE SOIL A MINIMUM OF FOUR (4") INCHES.

#### INSTALLATION AND MAINTENANCE:

1. BALED STRAW EROSION BARRIERS SHALL BE INSTALLED AT ALL STORM SEWER INLETS BALED STRAW EROSION BARRIERS AND GEOTEXTILE FENCE SHALL BE INSTALLED AT

THE LOCATION INDICATED ON THE PLAN AND IN ADDITIONAL AREAS AS MAY BE

- DEEMED APPROPRIATE DURING CONSTRUCTION. ALL EROSION CHECKS SHALL BE MAINTAINED UNTIL ADJACENT AREAS ARE STABILIZED. INSPECTION SHALL BE FREQUENT (AT MINIMUM BI-MONTHLY AND AFTER RAINFALL
- MADE PROMPTLY AS NEEDED. EROSION CHECKS SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFULNESS

EVENTS GREATER THAN ONE HALF INCH) AND REPAIR OR REPLACEMENT SHALL BE

#### **TEMPORARY STABILIZATION FOR** WINTER CONDITIONS:

SO AS NOT TO BLOCK OR IMPEDE STORM WATER FLOW OR DRAINAGE.

ANY SIGNIFICANT AREAS OF EXPOSED SOIL WHICH HAVE BEEN DISTURBED AFTER OCTOBER 15TH SHALL BE TEMPORARILY STABILIZED BY ONE OF THE FOLLOWING METHODS UNTIL SUCH TIME THAT PERMANENT STABILIZATION MEASURES AND SEEDING CAN BE APPLIED, TYPICALLY AFTER MAY 15TH

- 1. INSTALLATION OF AN ANCHORED EROSION CONTROL BLANKET. EROSION CONTROL BLANKETS SHOULD NOT BE INSTALLED ON SNOW OF GREATER THAN ONE INCH IN DEPTH OR ON FROZEN GROUND.
- 2. APPLICATION OF STRAW MULCH AT A RATE OF FOUR (4) TONS PER ACRE.
- 3. APPLICATION OF WOOD CHIP MULCH AT A MINIMUM DEPTH OF THREE INCHES (3"). WOOD CHIP MULCH SHOULD NOT BE USED ON SLOPES GREATER THAN 2:1 (H:V). ALI

WOOD CHIP MULCH SHALL BE REMOVED PRIOR TO RESUMING SITE GRADING.

#### **VEGETATIVE COVER SELECTION &** MULCHING:

TEMPORARY VEGETATIVE COVER:

PERENNIAL RYEGRASS 3 LBS./1,000 SQ.FT. (IOLUIUM PERENNE)

#### PERMANENT VEGETATIVE COVER

TURFGRASS MIX OR EQUAL:

RECOMMENDED APPLICATION RATE: 1 POUND PER 1,750 SE SEED MIX SPECIES: CREEPING RED FESCUE (Festuca rubra var. rubra (endophyte enchanced)) - 15%, PERENNIAL RYEGRASS (Lolium multiflorum) - 15%, KENTUCKY BLUEGRASS (Poa pratensis "KenBlue') - 35%, CHEWINGS FESCUE (Festuca rubra var. commutate 'Tiffany') - 15%.

FEMPORARY MULCHING: STRAW AT 70-90 LBS./1,000 SO.FT. (TEMPORARY VEGETATIVE AREAS) WOOD FIBER IN HYDROMULCH SLURRY 25-50 LBS./1,000 SQ. FT.

2. WITHIN 100-FOOT REGULATED UPLAND AREAS FROM WETLANDS:

RECOMMENDED APPLICATION RATE: 1 POUND PER 1,250 SF SEED MIX SPECIES: NEW ENGLAND EROSION CONTROL/RESTORATION MIX (FOR MOIST SITES) OR 1 POUND PER 1,750 SF NEW ENGLAND CONSERVATION/WILDLIFE

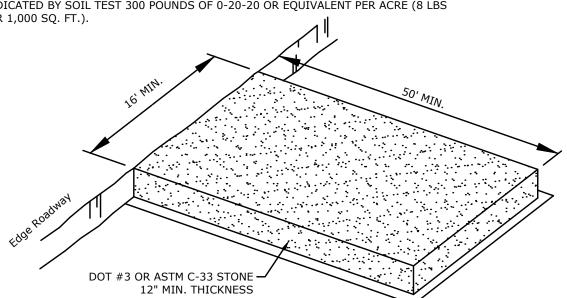
# **ESTABLISHMENT:**

.. 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 (REFER TO TEMPORARY OR PERMANENT VEGETATIVE COVER
- 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
- MULCH IMMEDIATELY AFTER SEEDING, IF REQUIRED, ACCORDING TO TEMPORARY MULCHING SPECIFICATIONS. (REFER TO TEMPORARY OR PERMANENT VEGETATIVE COVER REOUIREMENTS).
- 6. USE PROPER INOCULANT ON ALL LEGUME SEEDINGS, USE FOUR (4) TIMES NORMAL RATES WHEN HYDROSEEDING
- 7. THE USE OF SOD IS AN ACCEPTABLE ALTERNATIVE WHERE THERE IS A HEAVY CONCENTRATION OF WATER AND IN CRITICAL AREAS WHERE IT IS IMPORTANT TO GET A OUICK VEGETATIVE COVER TO PREVENT EROSION.

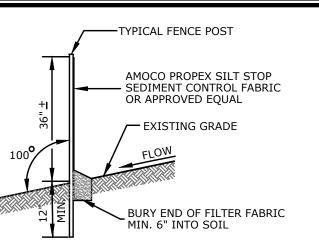
#### MAINTENANCE

- 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 SQ. FT.).

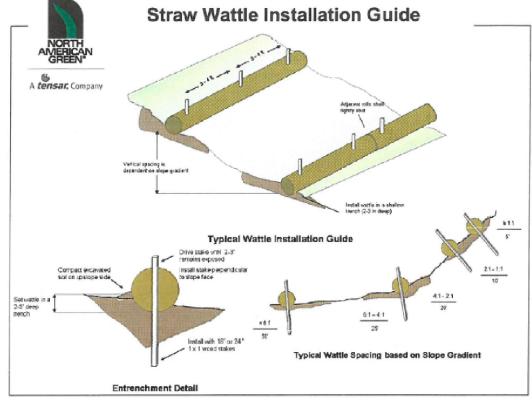


NOTE: STABILIZED CONSTRUCTION ENTRANCE SHALL BE INSTALLED AND MAINTAINED DURING OPERATIONS WHICH PROMOTE VEHICULAR TRACKING OF MUD

**CONSTRUCTION ENTRANCE PAD (CE) & TEMPORARY DUMPSTER PAD** 



# **GEOTEXTILE SILT FENCE (SF)**



- 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" (5-7.5 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

ntensity or duration, and amount of runoff affecting the application site To maximize sediment containment with the Straw Wattle, place the initial structure at the top/crest 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 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 Waitles are a temporary sediment control device and are not intended to replace rolled eresion control products (RECPs) or hydraulic eresion 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

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 WATTLE (SW)** 

**CATCH BASIN INLET** 

PROTECTION (IP)

**STOCKPILE** 

(STK)

**PROTECTION** 

**DUST CONTROL** 

- PROHIBIT SILT IN CONSTRUCTION-RELATED RUNOFF FROM

RETAIN SOIL STOCKPILE IN LOCATIONS SPECIFIED,

TO PREVENT MOVEMENT OF DUST FROM EXPOSED

SOIL SURFACES, WHICH MAY CAUSE BOTH OFF-SITE

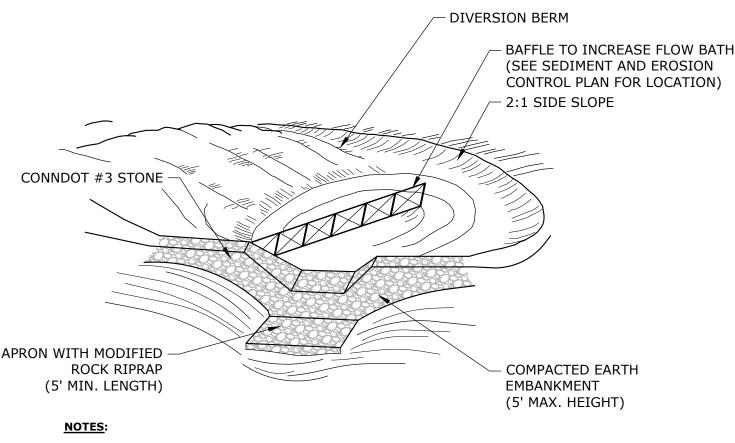
AND ON-SITE DAMAGE, BE A HEALTH HAZARD TO

HAZARD BY REDUCING TRAFFIC VISIBILITY.

HUMANS, WILDLIFE, AND PLANT LIFE, OR CREATE A

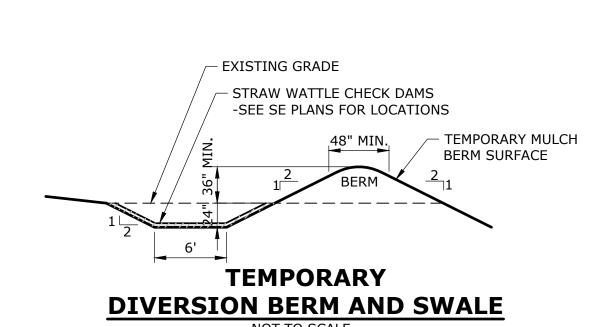
ENTERING STORM DRAINAGE SYSTEM.

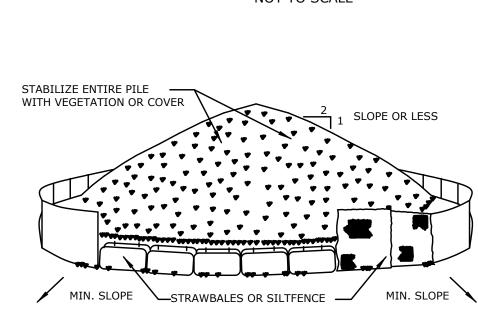
AND REDUCE WATER-TRANSPORT.



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

#### **TEMPORARY SEDIMENT TRAP** NOT TO SCALE





FRAME FOR TRAFFIC

CONDITIONS

FAILED HAY BALES / SILT FENCE

DRAINAGE SYSTEM OUTFLOW.

DUE TO RAIN EVENTS

-AIRBORNE DUST

FAILURE OF SILT FENCE

SIGNIFICANT SILT PRESENCE IN STORM

EVIDENCE OF STOCK PILE DIMINISHING

**INSTALLATION NOTES** 

- 1. AREA CHOSEN FOR STOCKPILING OPERATIONS SHALL BE DRY AND STABLE.
- 2. MAXIMUM SLOPE OF STOCKPILE SHALL BE 1:2 3. UPON COMPLETION OF SOIL STOCKPILING, EACH PILE SHALL BE SURROUNDED WITH EITHER SILT FENCING OR STRAWBALES, THEN STABILIZED WITH VEGETATION
- 4. ALL STOCK PILES TO REMAIN IN PLACE FOR MORE THAN 30 CONSECUTIVE DAYS SHALL

# STOCKPILE PROTECTION (STK)

**EROSION CONTROL MAINTENANCE INTERVALS EROSION CONTROL CONTROL OBJECTIVE** INSPECTION/MAINTENANCE **FAILURE INDICATORS REMOVAL MEASURE TEMPORARY** INSPECT AT LEAST ONCE A WEEK AND WITHIN 24 HOURS OF THE END OF A STORM WITH A DETAIN SEDIMENT-LADEN RUNOFF FROM SMALL RAINFALL OF 0.5 INCHES OR MORE. STONE OUTLET SHOULD BE AT LEAST 0.5 FEET BELOW TST MAY BE REMOVED ONCE THE CONTRIBUTING **SEDIMENT TRAP** DISTURBED AREAS LONG ENOUGH TO ALLOW A EXCESSIVE SEDIMENT ACCUMULATION CREST OF EMBANKMENT. SEDIMENT MUST BE REMOVED WHEN ACCUMULATION REACHES 1/2 DRAINAGE AREA IS PERMANENTLY STABILIZED. OVERTOPPING EVIDENCE MAJORITY OF THE SEDIMENT TO SETTLE OUT. OF THE REQUIRED WET STORAGE. (TST) - INTERCEPT, AND REDIRECT/DETAIN SMALL AMOUNTS OF PHYSICAL DAMAGE OR DECOMPOSITION INSPECT AT LEAST ONCE A WEEK AND WITHIN 24 HOURS OF THE END OF A STORM WITH A **SILT FENCE (SF)** SILT FENCE MAY BE REMOVED AFTER UPHILL AND SEDIMENT FROM SMALL DISTURBED AREAS. EVIDENCE OF OVERTOPPED OR UNDERCUT FENCE RAINFALL OF 0.5 INCHES OR MORE. ACCUMULATED SEDIMENT MUST BE REMOVED ONCE ITS - EVIDENCE OF SIGNIFICANT FLOWS EVADING DECREASE VELOCITY OF SHEET FLOW. SENSITIVE AREAS HAVE BEEN PERMANENTLY DEPTH IS EQUAL TO ½ THE TRENCH HEIGHT. INSPECT FREQUENTLY DURING PUMPING (RELATED: IP, STK) - PROTECT SENSITIVE SLOPES OR SOILS FROM EXCESSIVE **STABILIZED** CAPTURE OPERATIONS IF USED FOR DEWATERING OPERATIONS. - REPETITIVE FAILURE PHYSICAL DAMAGE OR DECOMPOSITION INTERCEPT, AND REDIRECT/DETAIN SMALL AMOUNTS OF INSPECT AT LEAST ONCE A WEEK AND WITHIN 24 HOURS OF THE END OF A STORM WITH A EVIDENCE OF OVERTOPPED OR UNDERCUT SEDIMENT FROM SMALL DISTURBED AREAS. RAINFALL OF 0.5 INCHES OR MORE. ACCUMULATED SEDIMENT MUST BE REMOVED ONCE THE STRAW WATTLE MAY BE REMOVED AFTER UPHILL **STRAW WATTLE (SW)**  DECREASE VELOCITY OF SHEET FLOW. DEPTH OF SEDIMENT IS WITHIN 3" OF THE TOP OF THE BARRIER. INSPECT FREQUENTLY EVIDENCE OF SIGNIFICANT FLOWS EVADING AREAS HAVE BEEN PERMANENTLY STABILIZED. - PROTECT SENSITIVE SLOPES OR SOILS FROM EXCESSIVE DURING PUMPING OPERATIONS IF USED FOR DEWATERING OPERATIONS. CAPTURE WATER FLOW. REPETITIVE FAILURE **TEMPORARY DIVERSION** BERM/SWALE - MINIMIZE VELOCITY AND CONCENTRATION OF SHEET FLOW WHEN LOCATED WITHIN CLOSE PROXIMITY TO ONGOING CONSTRUCTION ACTIVITIES, TEMPORARY DIVERSIONS MAY BE REMOVED ONCE ACROSS CONSTRUCTION SITE TO A SEDIMENT TRAPPING INSPECT AT THE END OF EACH WORK DAY AND IMMEDIATELY REPAIR DAMAGES. OTHERWISE CONSTRUCTION HAS CEASED AND THE (TBS) INSPECT AT LEAST ONCE A WEEK AND WITHIN 24 HOURS OF THE END OF A STORM WITH A EXCESSIVE SCOURING/EROSION CONTRIBUTING DRAINAGE AREA HAS BEEN - DIVERT WATER ORIGINATING FROM UNDISTURBED AREA RAINFALL OF 0.5 INCHES OR MORE. REPAIR THE TEMPORARY MEASURE AND ANY OTHER - REPETITIVE FAILURE PERMANENTLY STABILIZED. AWAY FROM CONSTRUCTION. ASSOCIATED MEASURES WITHIN 24 HOURS **TEMPORARY SWALE** INSPECT AT THE END OF EACH WORK DAY AND IMMEDIATELY REPAIR DAMAGES. PERIODIC CONSTRUCTION ENTRANCE MAY BE REMOVED CONSTRUCTION ADDITION OF STONE, OR LENGTHENING OF ENTRANCE MAY BE REQUIRED AS CONDITIONS REDUCE THE TRACKING OF SEDIMENT OFF-SITE ONTO ONCE THE SITE HAS BEEN PERMANENTLY DEMAND. ALL SEDIMENT SPILLED, DROPPED, WASHED, OR TRACKED ONTO PAVED SEDIMENT IN ROADWAY ADJACENT TO SITE **ENTRANCE (CE)** STABILIZED, AND ALL OTHER SECTIONS OF PAVED SURFACES. SURFACES AS A RESULT OF INEFFICIENCY OF CONSTRUCTION ENTRANCE SHALL BE ROADWAY HAVE BEEN PERMANENTLY PAVED.

INSPECT AFTER ANY RAIN EVENT. IF FILTER BAG INSIDE CATCH BASIN CONTAINS MORE

AND HAY BALES PER NOTED ABOVE.

THAN 6" OF SEDIMENT, REMOVE SEDIMENT FROM BAG. CHECK SURROUNDING SILT FENCE

INSPECT SILT FENCE AT THE END OF EACH WORK DAY AND IMMEDIATELY REPAIR DAMAGES.

-USE MECHANICAL SWEEPING DAILY ON PAVED AREAS WHERE DUST AND FINE MATERIALS

ACCUMULATE IF HEAVILY TRAFFICKED AND SEDIMENT ACCUMULATES OUTCKLY MOISTEN

PERIODIC REINFORCEMENT OF SILT FENCE, OR ADDITION OF HAY BALES MAY BE

UNPAVED TRAVELWAYS TO CONTROL DUST WHEN EVIDENCE OF AIRBORNE DUST

STRAPS EXPANSION RESTRAINT (1/4" NYLON ROPE, 2" FLAT WASHERS) INSTALLATION DETAIL **BAG DETAII** DUMP STRAP 1" RFBAR FOR BAG REMOVAL FROM INLET OPTIONAL METAL HANGING

**INLET PROTECTION (IP)** 

2 EACH DUMP

INLET PROTECTION MAY BE REMOVED ONCE THE

SITE HAS BEEN PERMANENTLY STABILIZED, AND

STOCKPILE PROTECTION MAY BE REMOVED ONCE

ALL SECTIONS OF ROADWAY HAVE BEEN

THE STOCKPILE IS USED OR REMOVED.

-REPEAT APPLICATION OF DUST CONTROL

LONG AS THERE IS AIRBORNE DUST.

MEASURES UNTIL ALL AREAS ARE PERMANENTLY

STABILIZED, VEGETATED, AND PAVED, OR AS

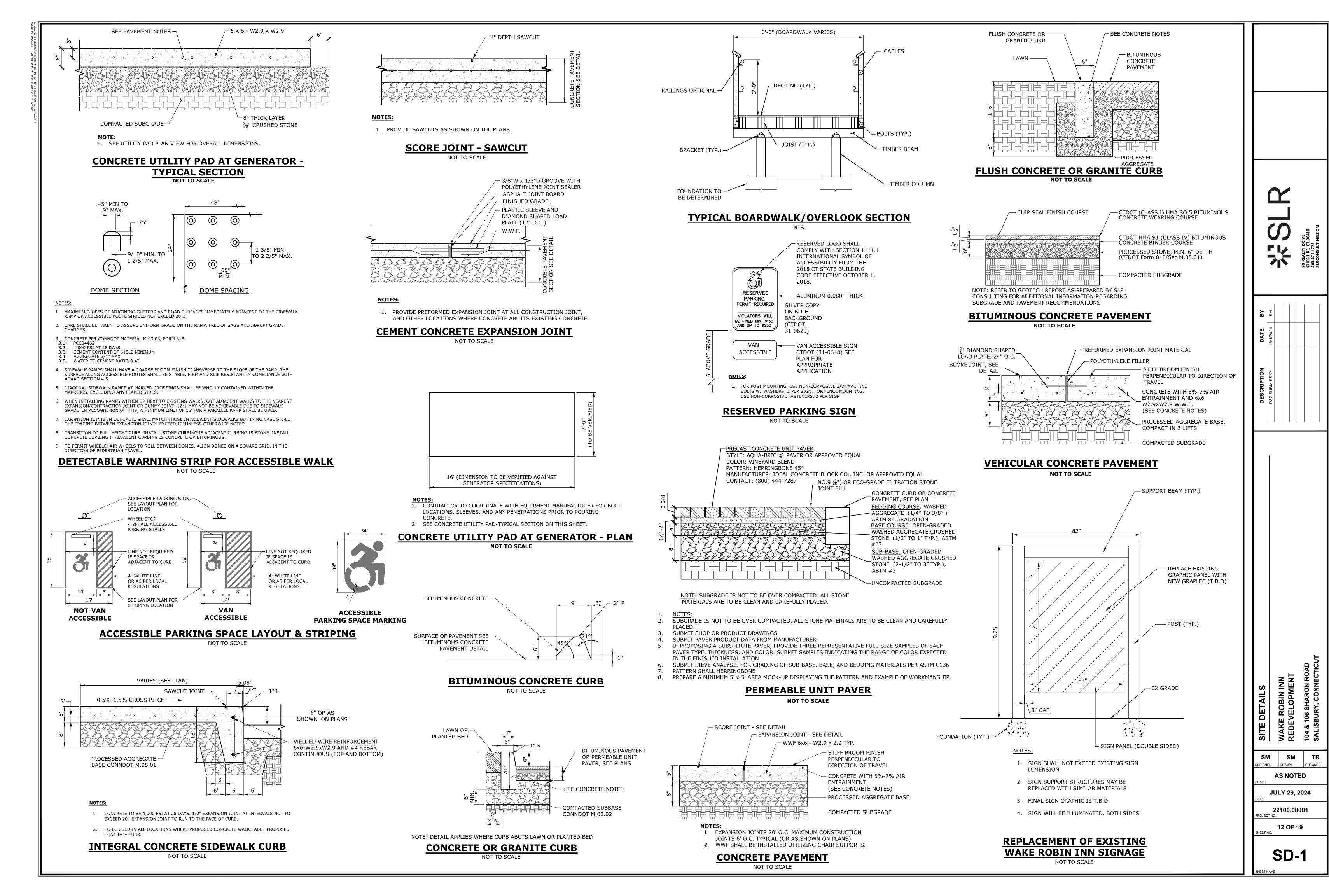
PERMANENTLY PAVED.

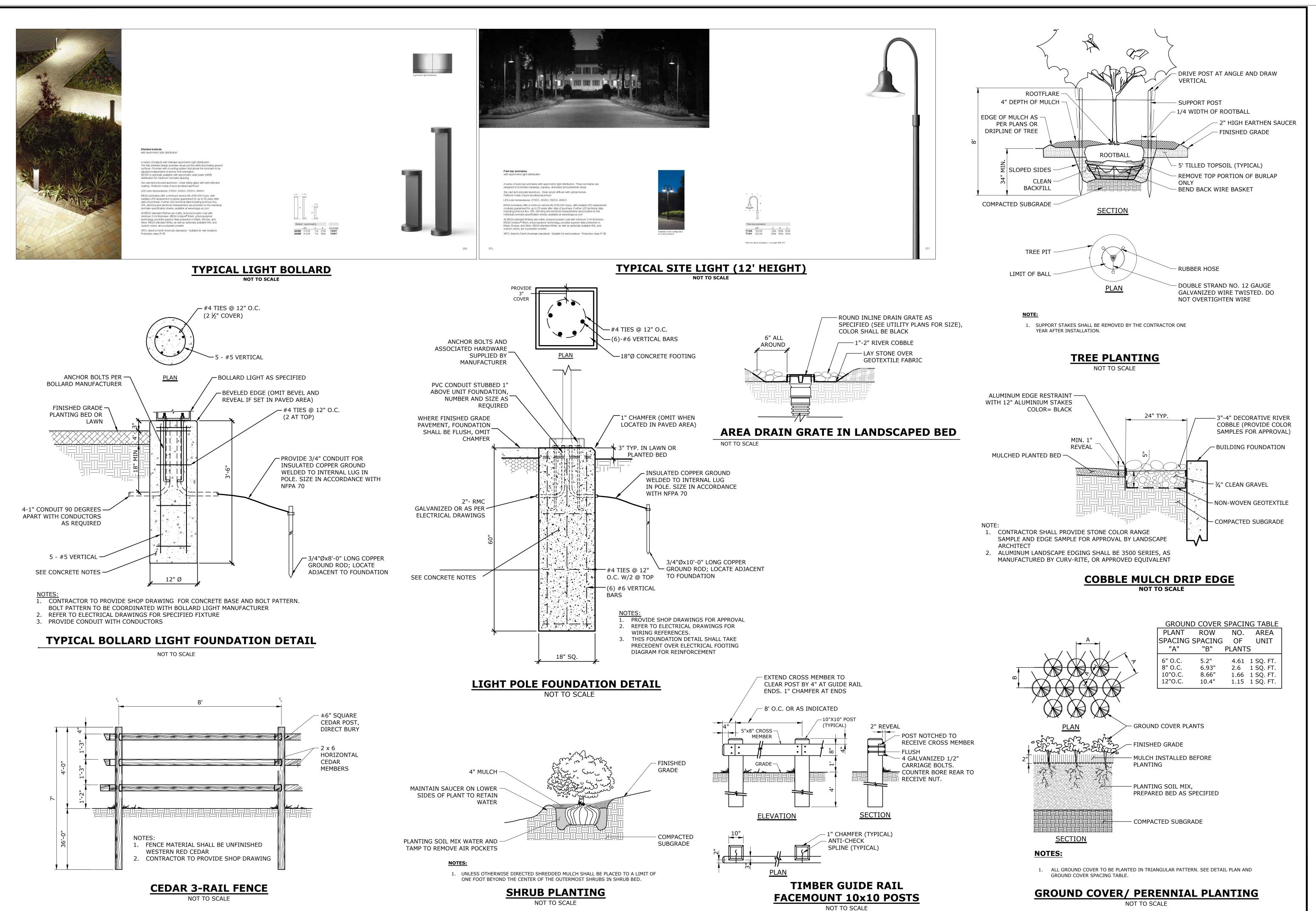
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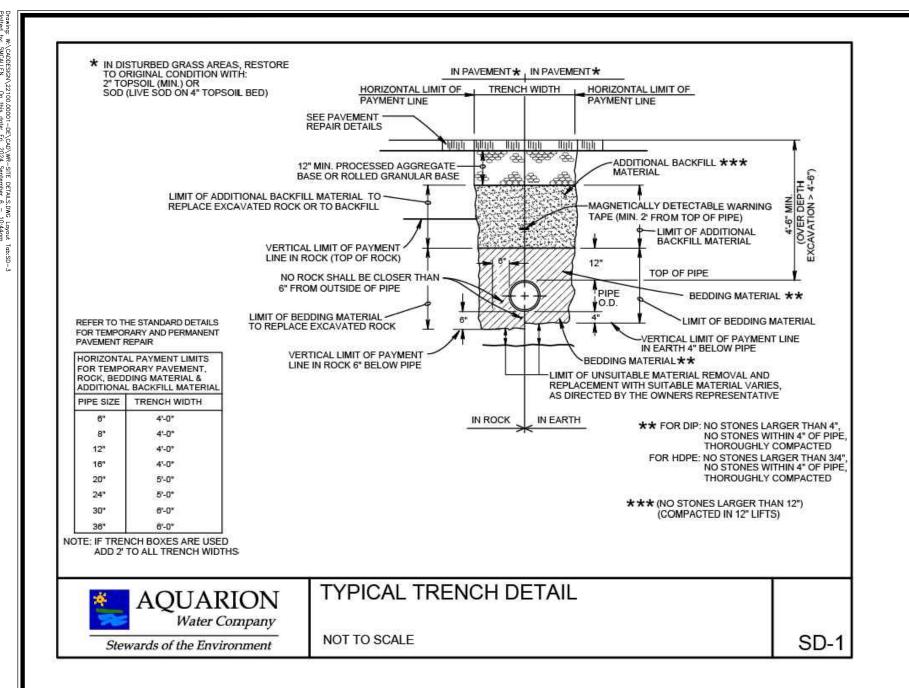
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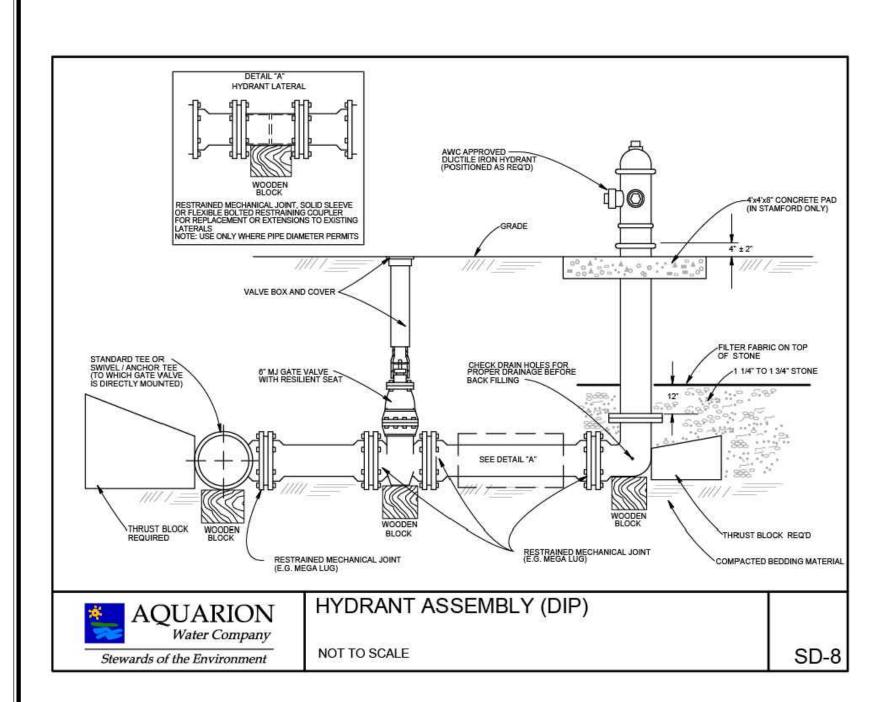
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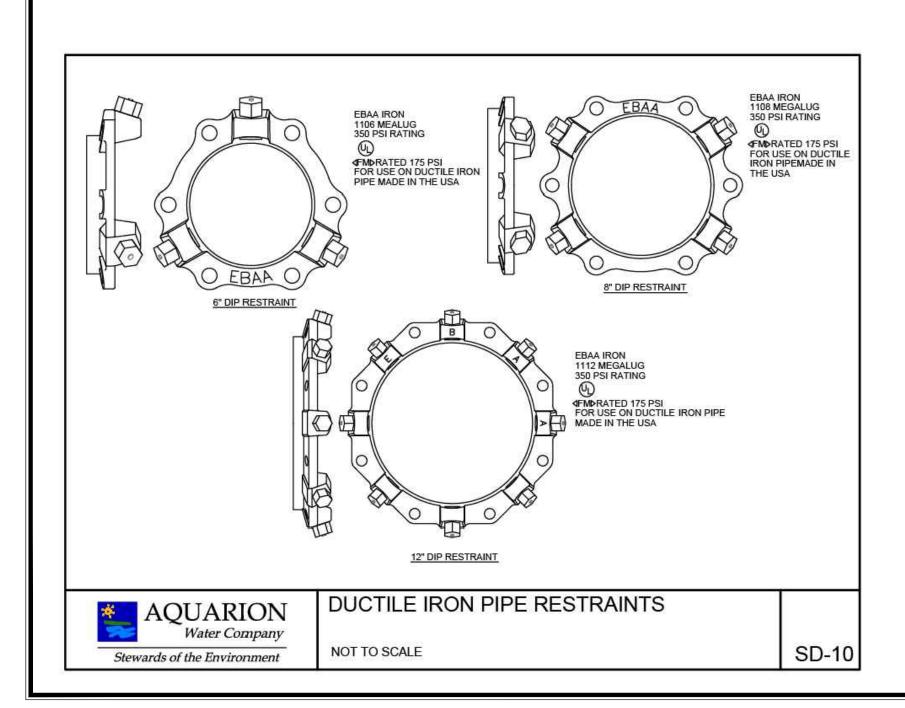
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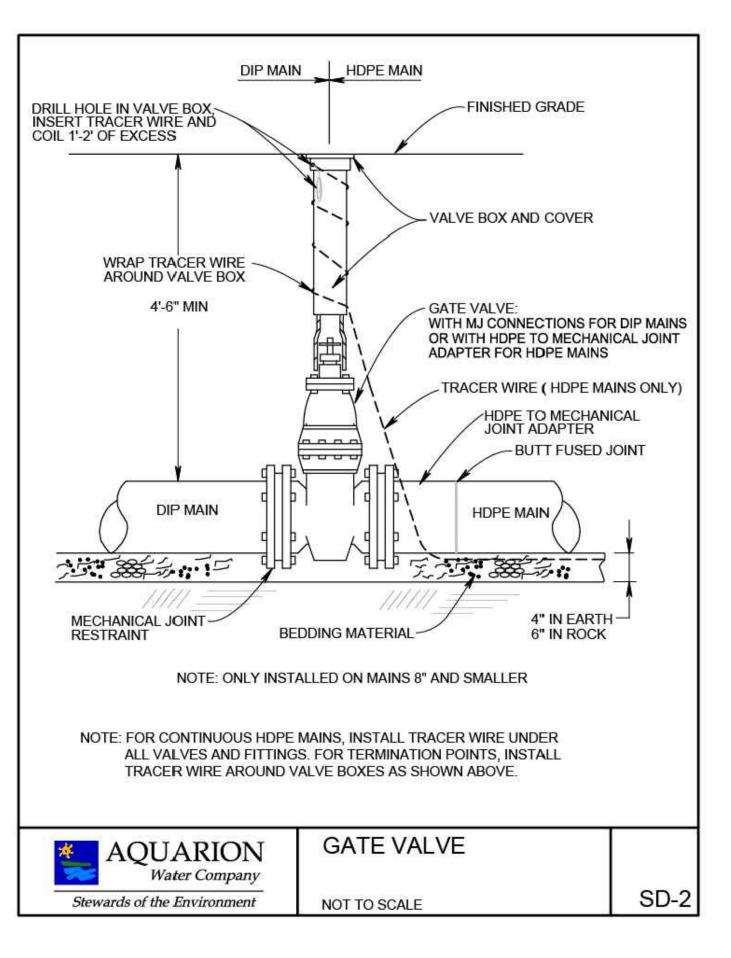
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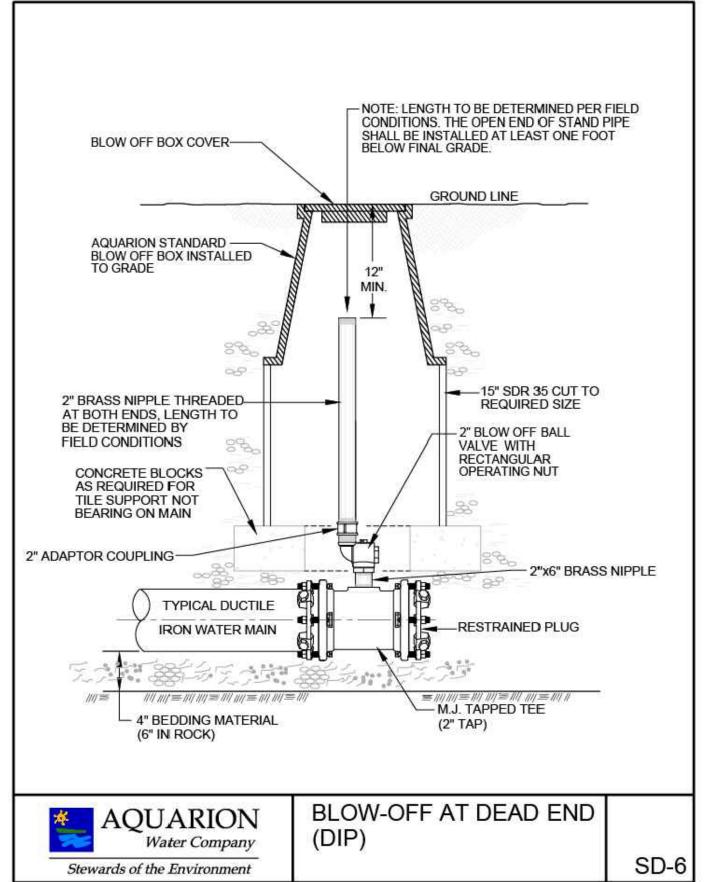
SD-2

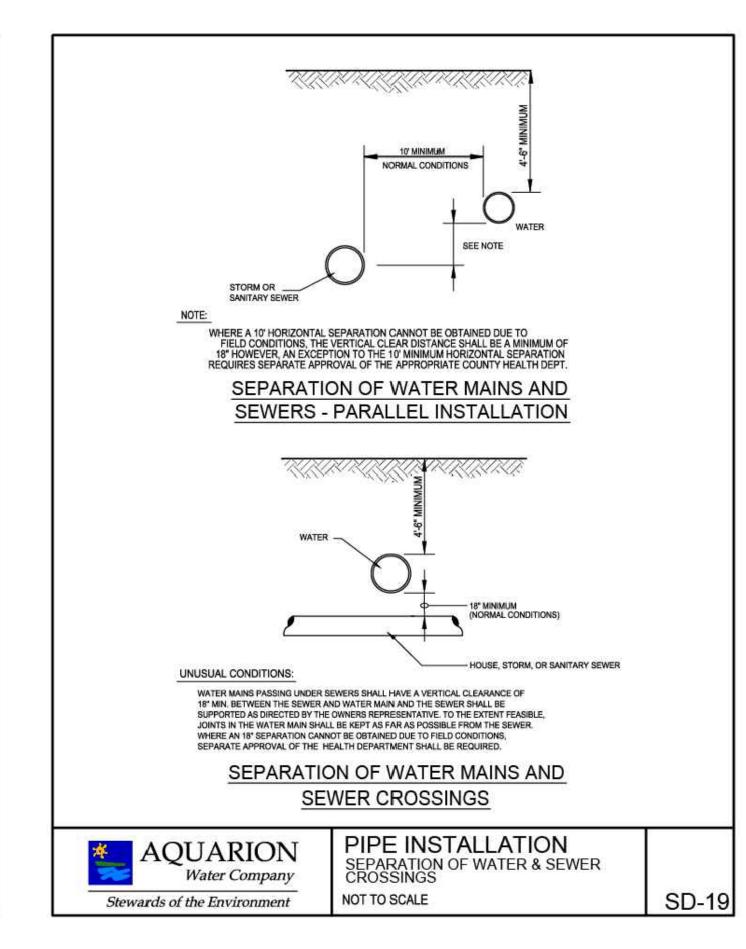


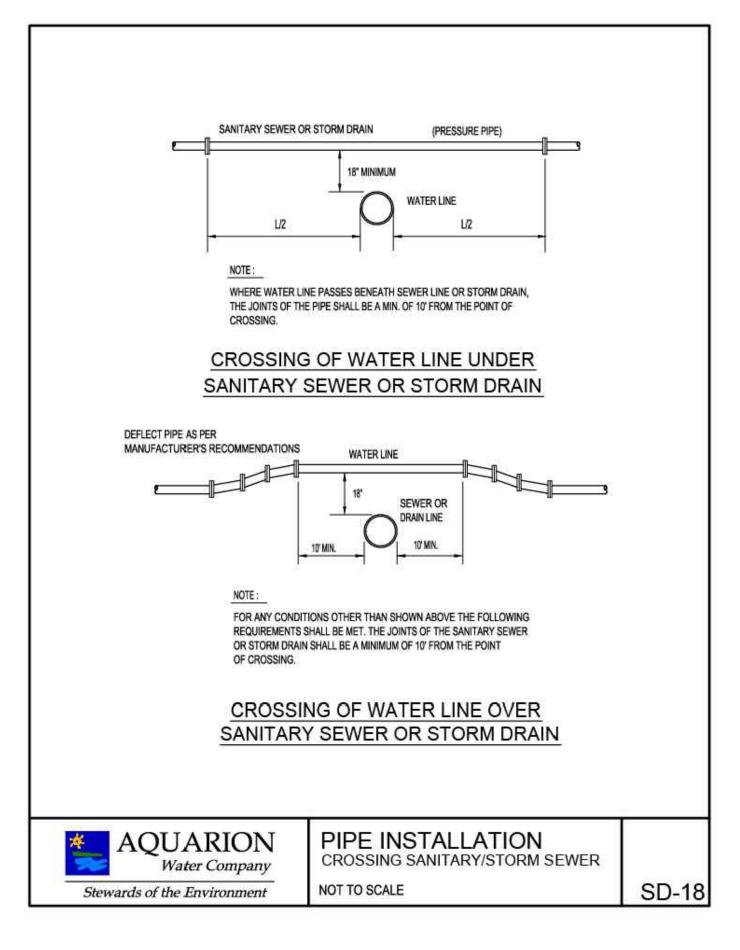


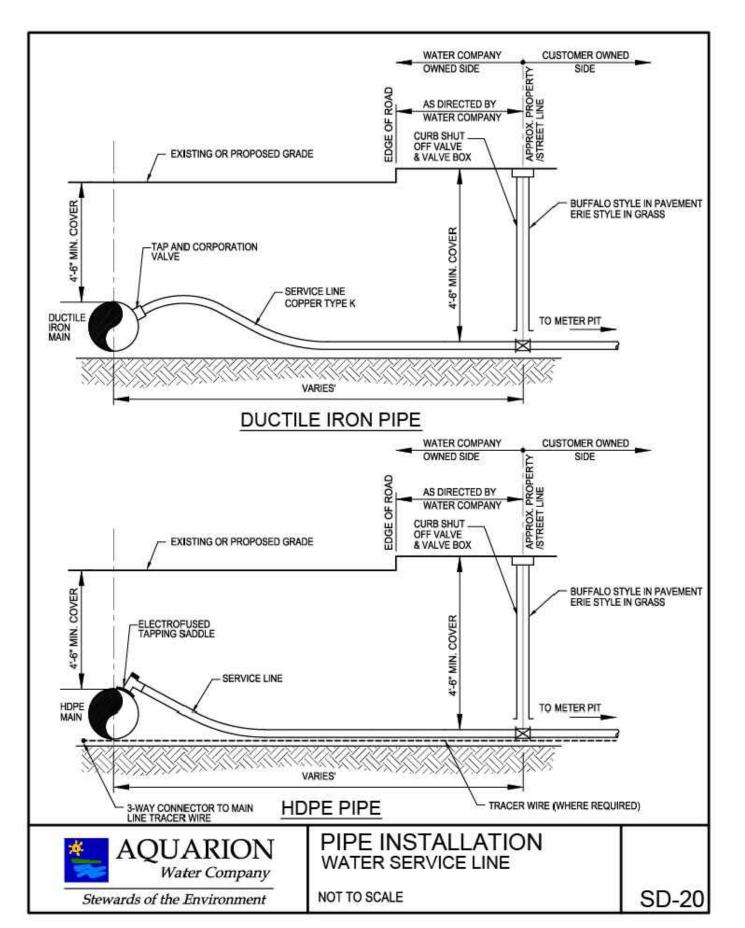


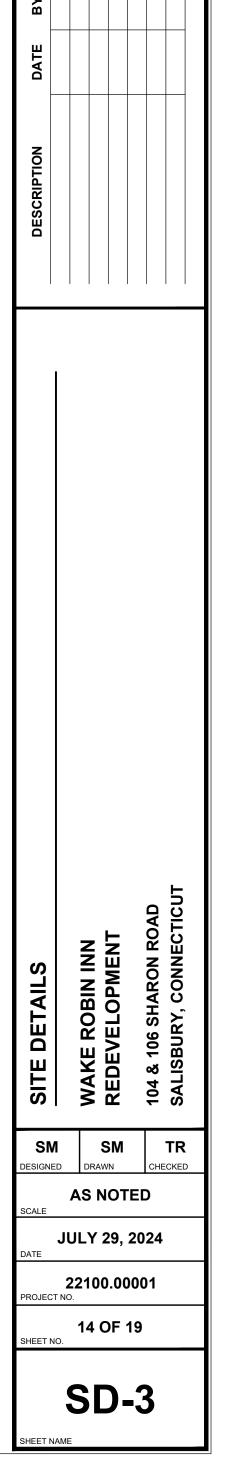






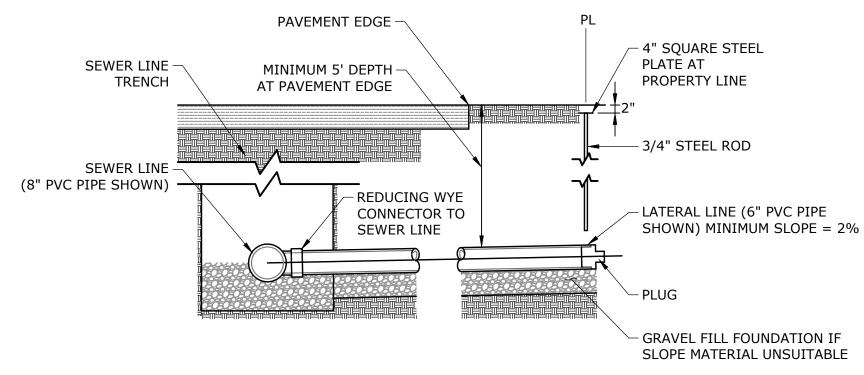






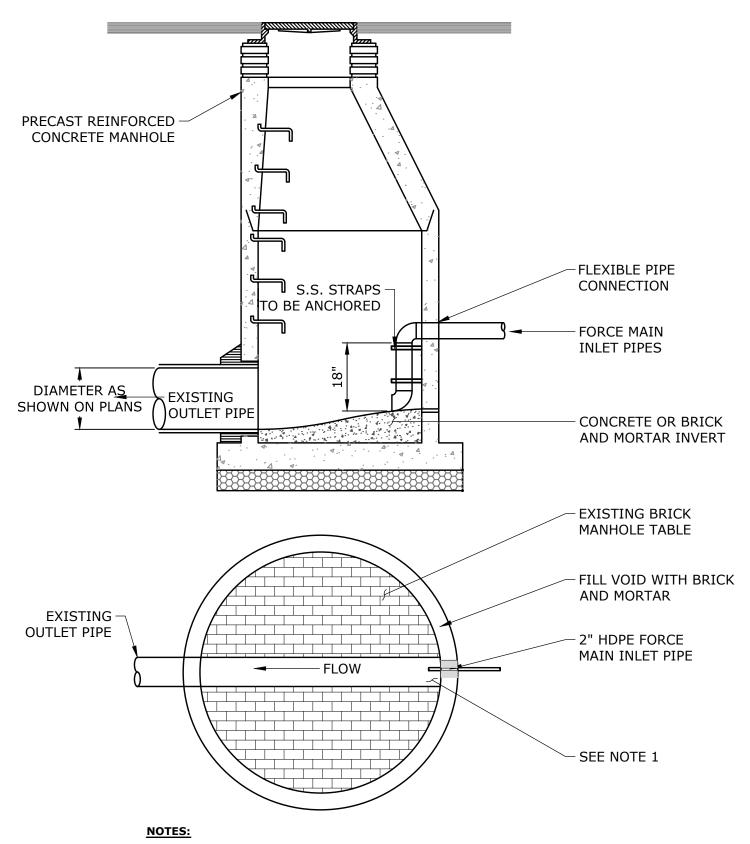
# **FORCE MAIN TRENCH**

NOT TO SCALE



## **SERVICE LATERAL CONNECTION**

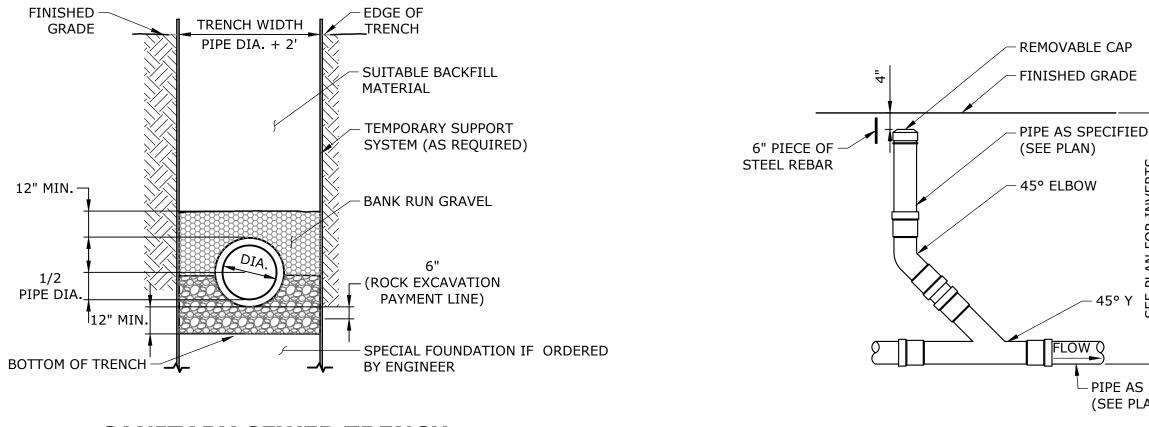
NOT TO SCALE



1. INVERT TO BE REBUILT UNDER SUPERVISION OF ENGINEER. A 24 HOUR ADVANCED NOTIFICATION IS REQUIRED FOR ALL INSPECTIONS.

2. NO OUTSIDE PIPE DROPS WILL BE ALLOWED.

# FORCE MAIN CONNECTION TO SEWER MANHOLE



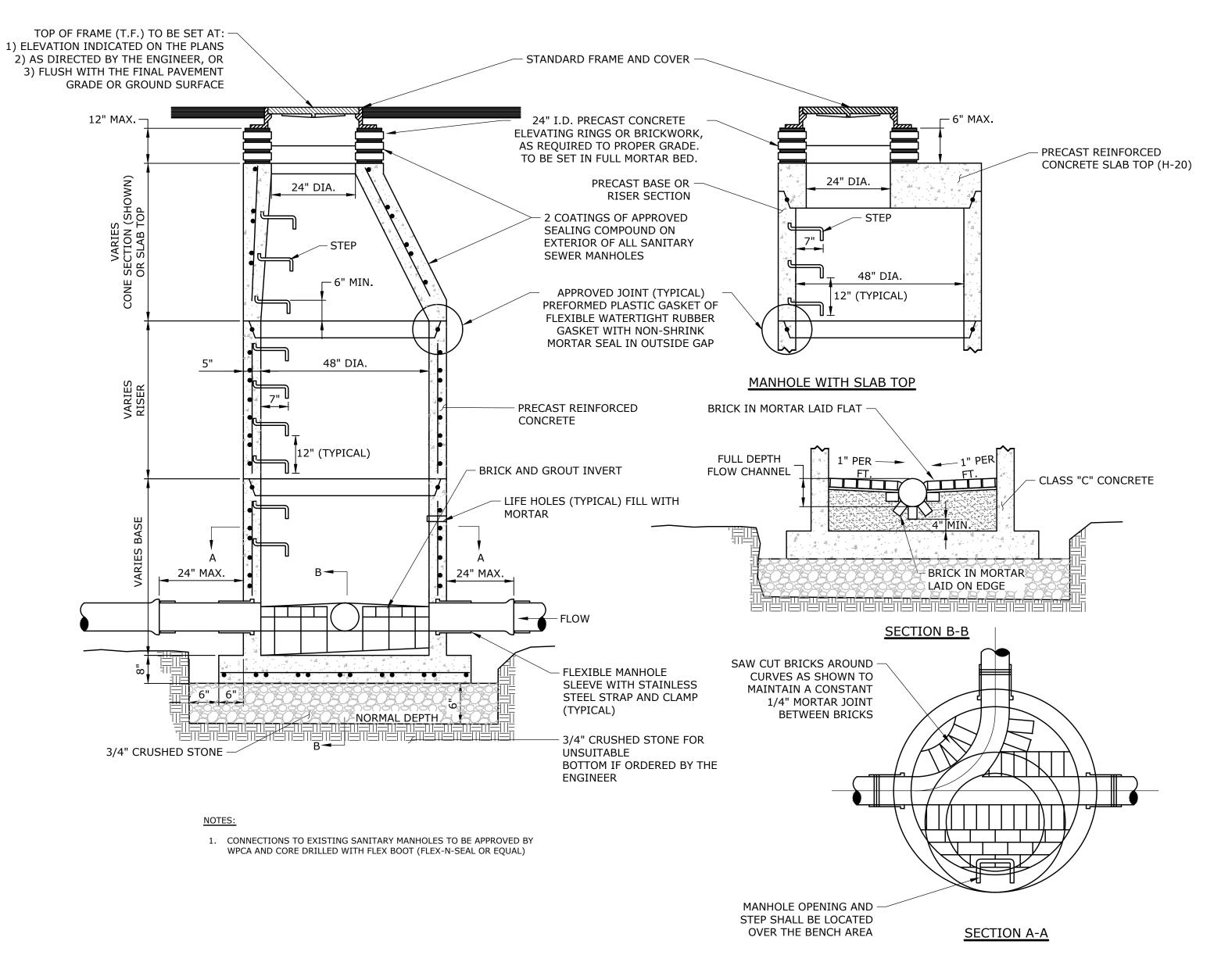
**SANITARY SEWER TRENCH** 

NOT TO SCALE

**SANITARY CLEANOUT** NOT TO SCALE

└ PIPE AS SPECIFIED

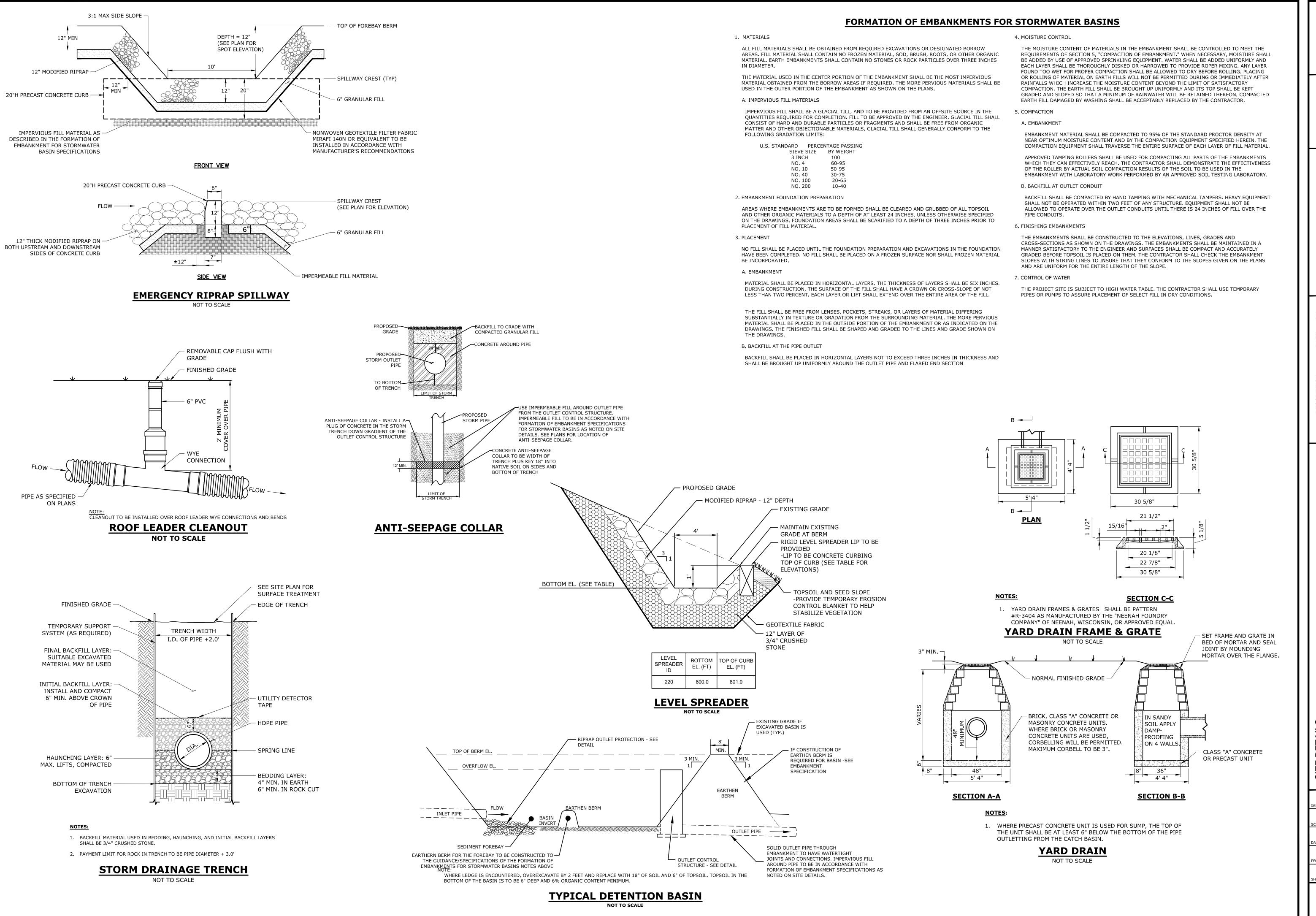
(SEE PLAN)



#### **SANITARY MANHOLE**

NOT TO SCALE

杂 SM SM **AS NOTED JULY 29, 2024** 22100.00001 15 OF 19 SD-4



REALTY DRIVE ESHIRE, CT 06410

DESCRIPTION DATE BY

E ROBIN INN
EVELOPMENT
106 SHARON ROAD
BURY, CONNECTICUT

SM SM CHECK

AS NOTED

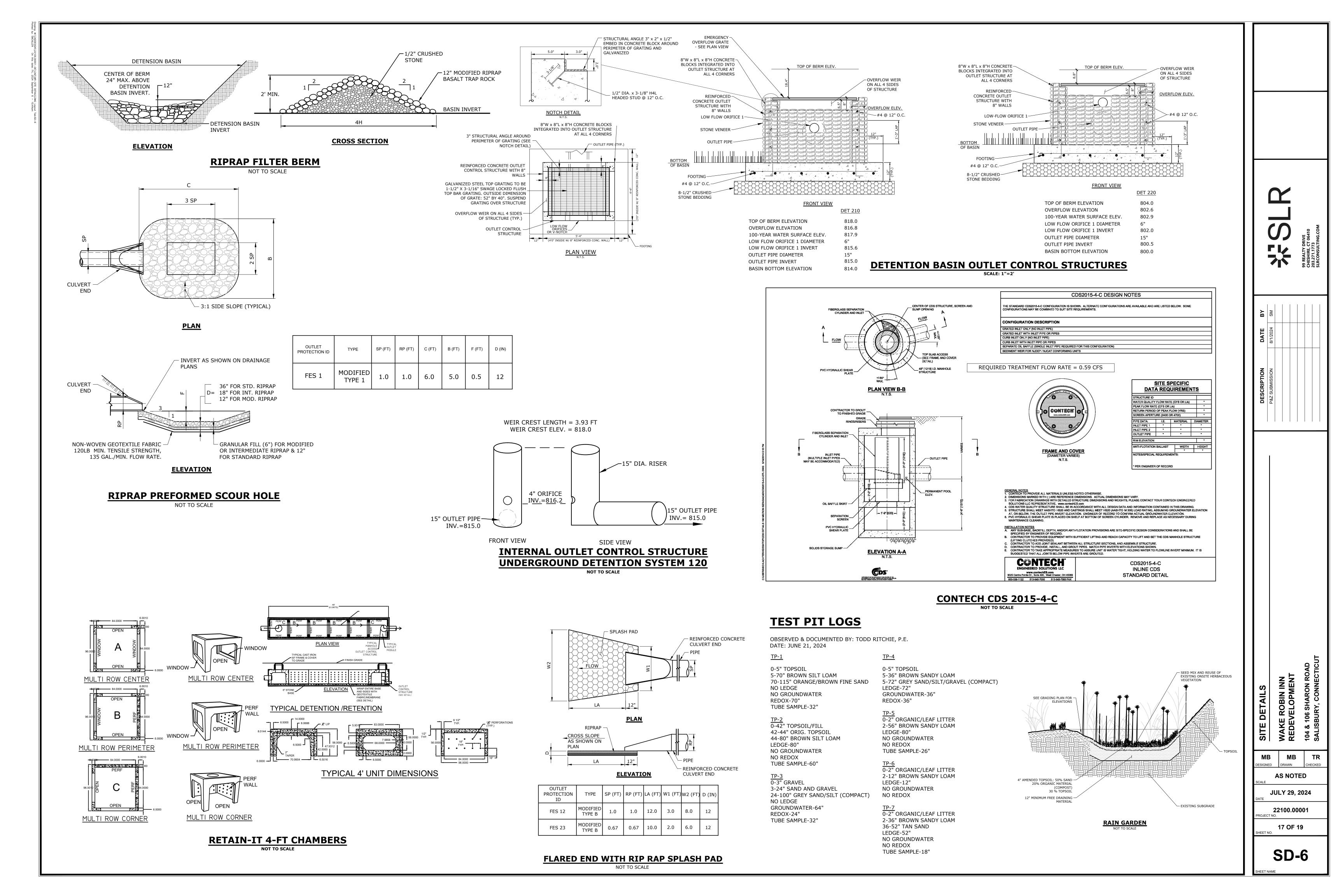
CALE

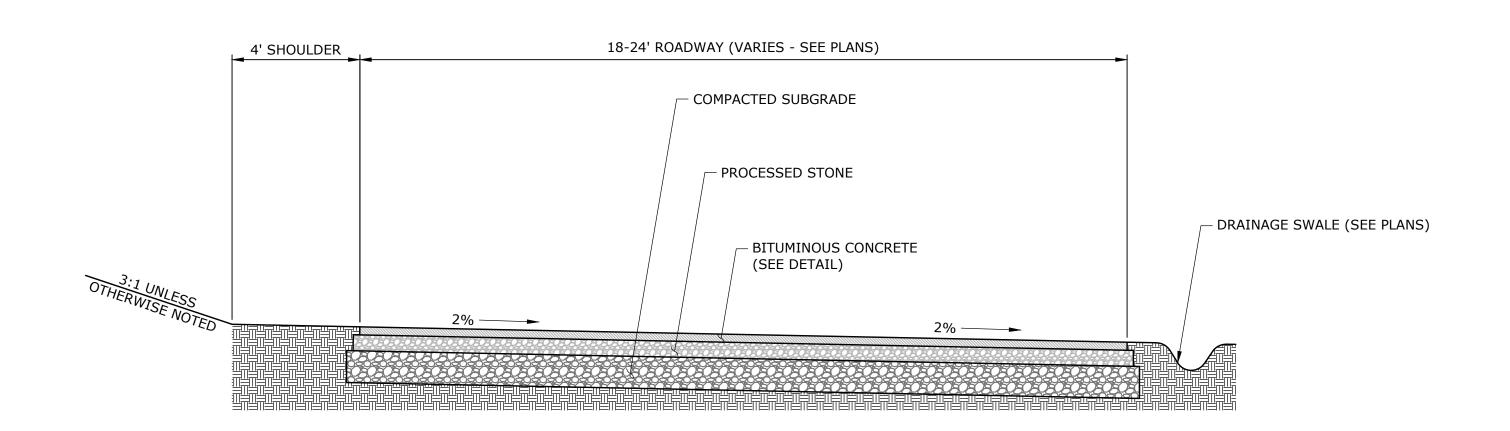
JULY 29, 2024

22100.00001

16 OF 19

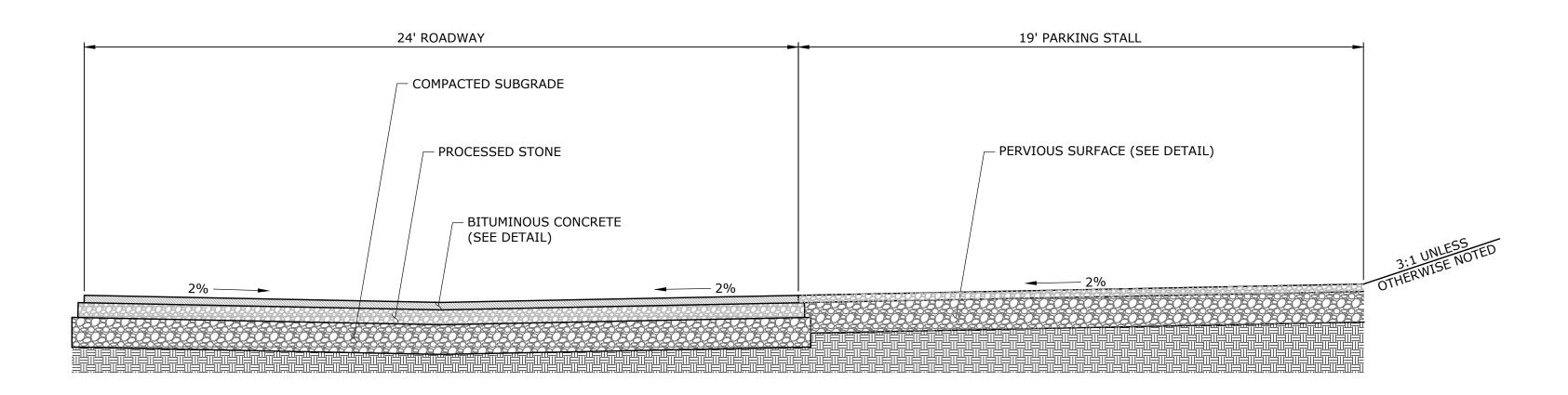
SD-5



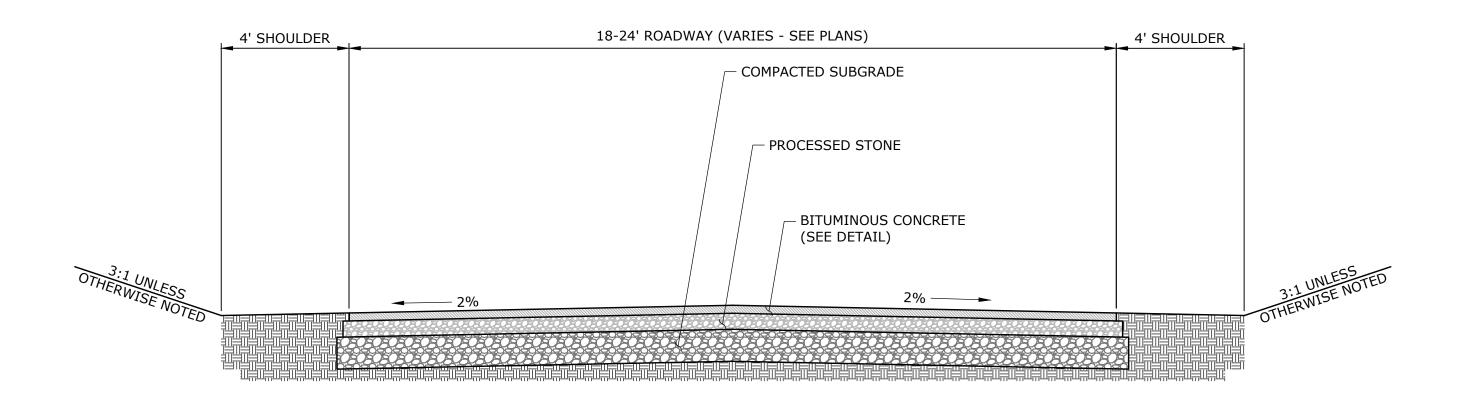


# **ROADWAY SECTION (SWALE)**

SCALE 1:3

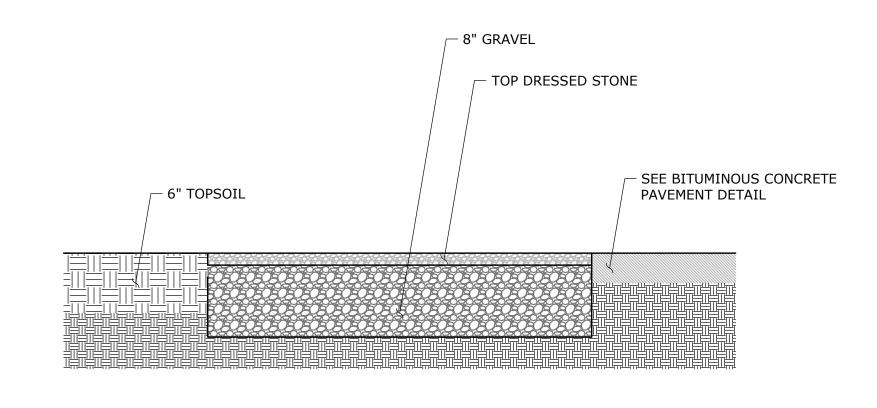


# **ROADWAY SECTION (REVERSE CROWN)**



# **ROADWAY SECTION (CROWN)**

SCALE 1:3



# PERVIOUS SURFACE NOT TO SCALE

99 REALTY DRIVE CHESHIRE, CT 06410 203.271.1773

Щ			
DATE			
DESCRIPTION			

SITE DETAILS

WAKE ROBIN INN

WAKE ROBIN INN

BEDEVELOPMENT

TO 4 & 106 SHARON ROAD

SALISBURY, CONNECTICUT

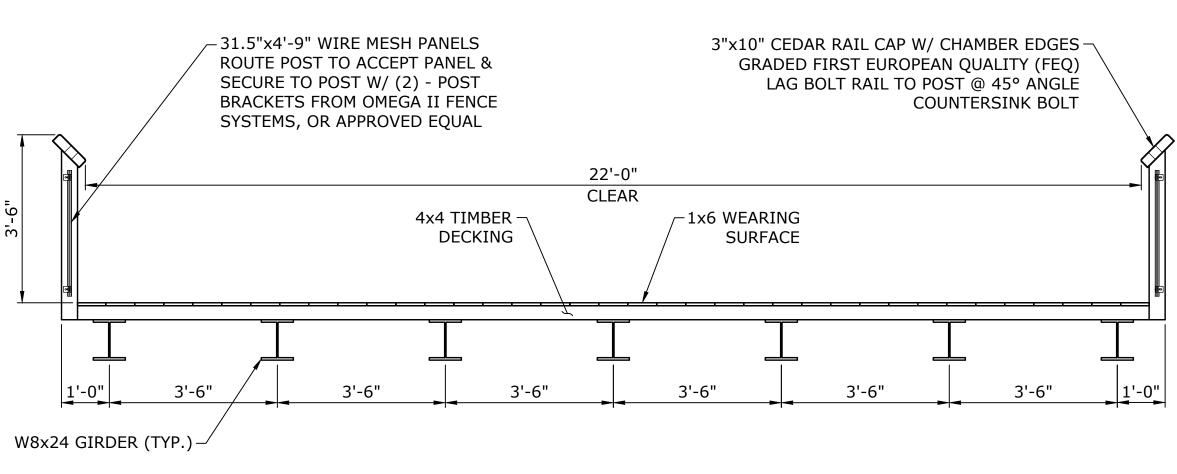
**22100.0001** ROJECT NO.

18 OF 19

SD-7

# **PROPOSED ELEVATION**

SCALE:  $\frac{1}{2}$ "=1'-0"



TYPICAL BRIDGE SECTION (TIMBER)

SCALE: ½"=1'-0"

DR KP 1/2"=1'-0" SEPTEMBER 6, 2024

**22100.0001** ROJECT NO.

19 OF 19

STR-1