

GENERAL NOTES

- BOUNDARY INFORMATION IS BASED UPON FIELD SURVEY CONDUCTED BY: MILONE & MACBROOM INC. "PROPERTY SURVEY, PREPARED FOR: STRATHMORE HOLDINGS, LLC, EAST MITCHELL AVENUE, CHESHIRE, CONNECTICUT" AT A SCALE OF 1"=40'. DATED APRIL 8, 2020. REVISED AUGUST 11, 2020. NORTH ARROW, BEARINGS, AND COORDINATES ARE BASED UPON THE CONNECTICUT STATE PLANE SYSTEM (NAD 1983). TOPOGRAPHIC INFORMATION IS BASED ON TOWN PROVIDED GIS.
- 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 CONSULTING ACCEPTS NO RESPONSIBILITY FOR THE ACCURACY OF MAPS AND DATA WHICH HAVE BEEN SUPPLIED BY OTHERS.
- INLAND WETLANDS AND WATERCOURSES ON SITE WERE FLAGGED BY PETER SHEA, CERTIFIED SOIL SCIENTIST FROM SLR CONSULTING.
- THE EXACT LOCATION AND SIZE OF ELECTRIC, TELEPHONE AND CABLE TELEVISION 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.
- ALL DISTURBED AREAS SHALL RECEIVE A MINIMUM OF 6" TOPSOIL AND BE SEEDED WITH GROUND COVER SEED MIX, AS SHOWN ON THE PLANS. ALL VEGETATIVE ESTABLISHMENT SHALL CONFORM TO THE "STANDARDS FOR ORGANIC LAND CARE, NORA CONNECTICUT 2011," AND IN ALL CASES BEST MANAGEMENT PRACTICES SHALL PREVAIL.
- IN ALL CASES, TOPSOIL AND OTHER CONSTRUCTION MATERIALS SHALL BE DRAWN FROM THE ON-SITE STOCKPILES OF EXISTING MATERIAL. ONLY WHEN ON-SITE STOCKPILES HAVE BEEN USED SHALL MATERIAL BE IMPORTED TO THE SITE.
- ALL STORM DRAIN PIPE HDPE UNLESS OTHERWISE INDICATED.
- ALL PROPOSED CONTOURS AND SPOT ELEVATIONS INDICATE FINISHED GRADE.
- ALL CONSTRUCTION MATERIALS AND METHODS SHALL CONFORM TO THE TOWN OF CHESHIRE REQUIREMENTS AND TO THE APPLICABLE SECTIONS OF THE STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROADS, BRIDGES, FACILITIES AND INCIDENTAL CONSTRUCTION, FORM 817 AND ADDENDUMS
- 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.
- COMPLIANCE WITH THE PERMIT CONDITIONS IS THE RESPONSIBILITY OF BOTH THE CONTRACTOR AND THE PERMITTEE.
- 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.
- A SUPPLY OF ABSORBENT SPILL RESPONSE MATERIAL SHOULD BE KEPT ON-SITE TO CLEAN UP ANY SPILLS OF HAZARDOUS MATERIALS.

CONSTRUCTION SEQUENCE

- PRIOR TO COMMENCEMENT OF WORK A PRECONSTRUCTION MEETING SHALL BE HELD WITH TOWN STAFF AND REPRESENTATIVES OF THE CONTRACTOR AND OWNER. AT THIS MEETING, ONE PERSON WILL BE PLACED IN CHARGE OF SEDIMENT AND EROSION CONTROL FOR THE ENTIRE SITE.
- CONTRACTOR TO STAKE OUT LIMIT OF DISTURBANCE AND VEGETATION TO BE RETAINED. NO DISTURBANCE IS TO TAKE PLACE BEYOND THE LIMITS OF WORK SHOWN.
- CONTRACTOR TO INSTALL SEDIMENT AND EROSION CONTROLS ALONG THE PERIMETER, AND STABILIZED CONSTRUCTION ENTRANCES.
- CLEAR AND GRUB SITE AND STOCKPILE TOPSOIL. PLACE SEDIMENT FILTER FENCE AND HAYBALES AROUND STOCKPILES.
- CONTRACTOR TO INSTALL TEMPORARY DIVERSION BERMS AND SEDIMENT BASINS PER THE SEDIMENT AND EROSION CONTROL PLAN.
- DEMOLISH THE EXISTING BUILDINGS. REMOVE ALL EXISTING SIDEWALKS, PARKING LOTS AND DRIVEWAYS WHERE NOTED ON THE PLANS.
- INITIATE MASS EARTHWORK OPERATIONS AFTER ALL BASINS, BERMS, SWALES, SILT FENCE & HAYBALES ARE INSTALLED
- INSTALL FOUNDATIONS, UTILITIES AND PARKING LOTS/DRIVEWAYS WHERE NOTED ON THE PLANS.
- SLOPES ARE TO BE ESTABLISHED AS SOON AS PRACTICAL BEFORE UTILITY INSTALLATION. STABILIZE ALL SLOPES IMMEDIATELY AFTER THEIR ESTABLISHMENT.
- THE SEDIMENT AND EROSION CONTROL PLAN SHALL BE MODIFIED BY THE CONTRACTOR AT THE DIRECTION OF THE ENGINEER AND DESIGNATED TOWN REPRESENTATIVE AS NECESSITATED BY CHANGING SITE CONDITIONS.

GENERAL CONSTRUCTION NOTES

- TEMPORARY SEDIMENT BASINS 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. CLEAN THE SEDIMENT BASIN WHEN SEDIMENT ACCUMULATION EXCEEDS ONE HALF THE WET STORAGE CAPACITY OF THE BASIN.
- 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.
- INSPECTION OF THE SITE FOR EROSION SHALL CONTINUE FOR A PERSON OF THREE MONTHS AFTER COMPETITION WHEN RAINFALLS OF ONE INCH OR MORE OCCUR.
- THE SITE SHOULD BE KEPT CLEAN OF LOOSE DEBRIS, LITTER AND BUILDING MATERIALS SUCH THAT NONE OF THE ABOVE ENTER WATERS OR WETLANDS.
- A COPY OF ALL PLANS AND REVISIONS, AND THE SEDIMENT AND EROSION CONTROL PLAN SHALL BE MAINTAINED ON-SITE AT ALL TIMES DURING CONSTRUCTION.

OPERATION AND MAINTENANCE PLAN (POST-CONSTRUCTION)

- CATCH BASINS AND LEVEL SPREADERS SHALL BE INSPECTED TWICE ANNUALLY AND AFTER ANY SPILLAGE OF OIL, GAS, OR OTHER CONTAMINANT SPILLS. SUBSEQUENT TO CONTAMINANT SPILLS, THE CATCH BASINS AND LEVEL SPREADERS SHALL BE CLEARED IMMEDIATELY AND THE CONTENTS DISPOSED OF AT AN APPROVED OFF-SITE LOCATION.
- THE PAVED AREAS SHALL BE SWEEPED TWICE ANNUALLY. TYPICALLY, SWEEPING SHOULD OCCUR IN THE SPRING, AFTER WINTER SANDING, AND IN THE FALL, AFTER ALL LEAVES HAVE FALLEN.
- A VEGETATIVE OR IMPROVED COVER SHALL BE MAINTAINED ON ALL EARTH SURFACES TO MINIMIZE SOIL EROSION. USE OF FERTILIZER SHOULD BE MINIMIZED AND APPLIED USING PRUDENT APPLICATION PROCEDURES.
- A LOG OF ALL INSPECTION AND CLEANING SHALL BE MAINTAINED BY THE OWNER AND BE AVAILABLE FOR INSPECTION.
- DURING CONSTRUCTION AND FOR SIX MONTHS AFTER PROJECT COMPLETION INSPECTION OF SEDIMENT AND EROSION CONTROL MEASURES SHALL BE MADE ON A WEEKLY BASIS AND AFTER RAINFALL EVENTS OF 1" OR GREATER. A LOG OF SUCH INSPECTIONS SHALL BE MAINTAINED AT THE SITE.
- THE MAINTENANCE OF THE DRIVEWAY AND STORM WATER SYSTEM WILL BE THE RESPONSIBILITY OF THE OWNER. (STRATHMORE HOLDINGS)

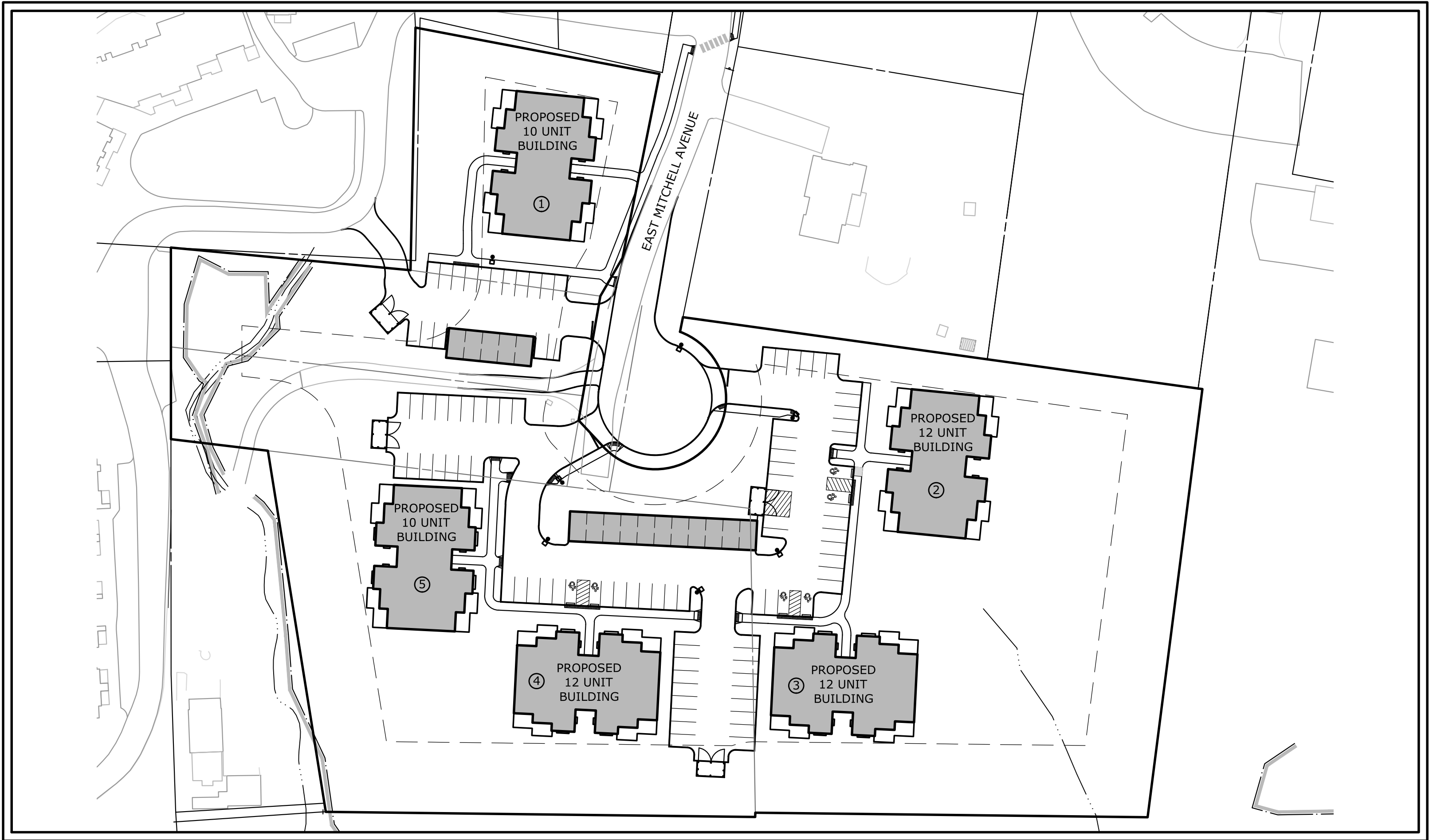
PARKING REQUIREMENT - EAST MITCHELL AVENUE

AFFORDABLE HOUSING DEVELOPMENT - 56 DWELLING UNITS	56 UNITS x 2 SPACES/DWELLING UNITS =112 SPACES
TOTAL PARKING REQUIRED	112 SPACES
TOTAL PARKING PROVIDED	112 SPACES (96 SURFACE + 16 GARAGE)

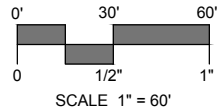
EAST MITCHELL  
RESIDENTIAL DEVELOPMENT

EAST MITCHELL AVENUE  
CHESHIRE, CONNECTICUT

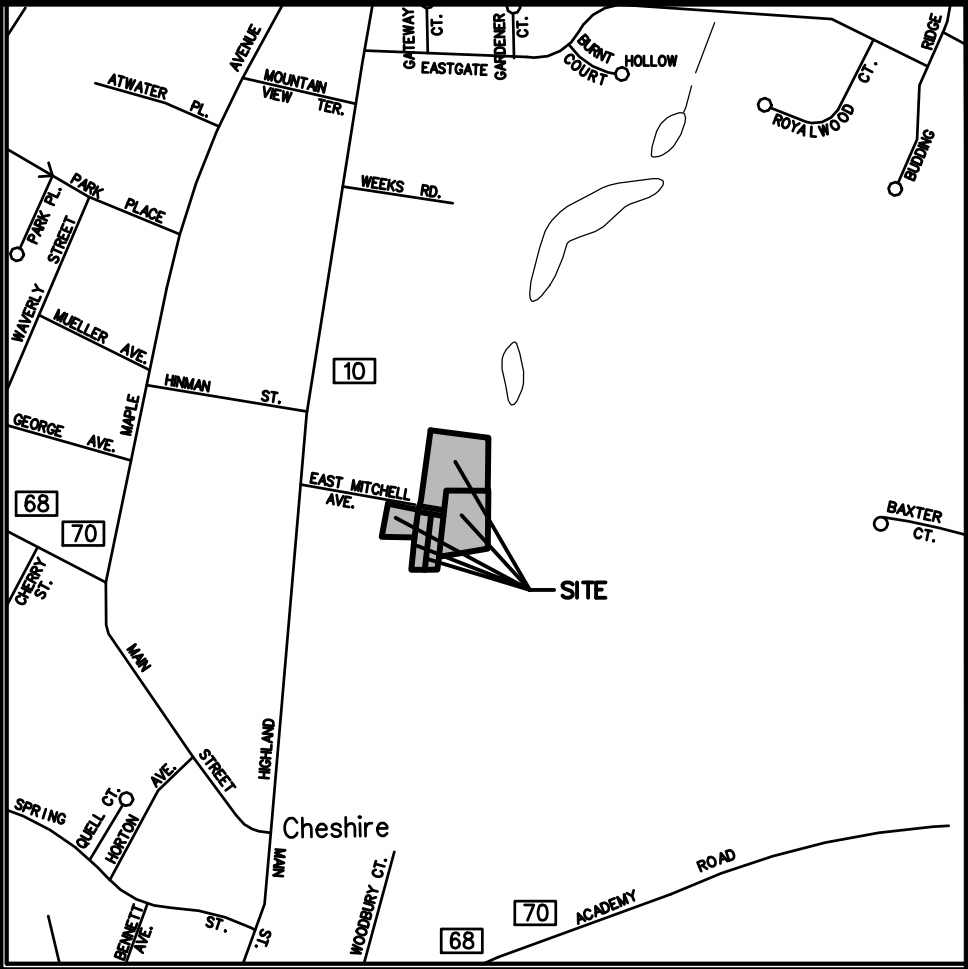
5841-01  
JULY 14, 2021  
REVISED: MARCH 8, 2022



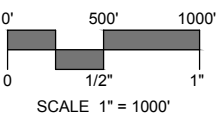
PROJECT SITE VICINITY MAP:



PREPARED BY:



LOCATION MAP:



OWNER:

STRATHMORE HOLDINGS, LLC  
P.O. BOX 743  
CHESHIRE, CT 06410

APPLICANT:

STRATHMORE HOLDINGS, LLC  
P.O. BOX 743  
CHESHIRE, CT 06410

LIST OF DRAWINGS

NO.	NAME	TITLE
01	--	TITLE SHEET
02	EX	SITE PLAN - EXISTING CONDITONS
03	LA	SITE PLAN - LAYOUT
04	LS	SITE PLAN - LANDSCAPING
05	GR	SITE PLAN - GRADING
06	UT	SITE PLAN - UTILITIES
07	PP	SITE PLAN - PLAN & PROFILE
08	SE	SEDIMENT & EROSION CONTROL PLAN
09	SE-1	SEDIMENT & EROSION CONTROL DETAILS
10-14	SD-1 - SD-6	SITE DETAILS

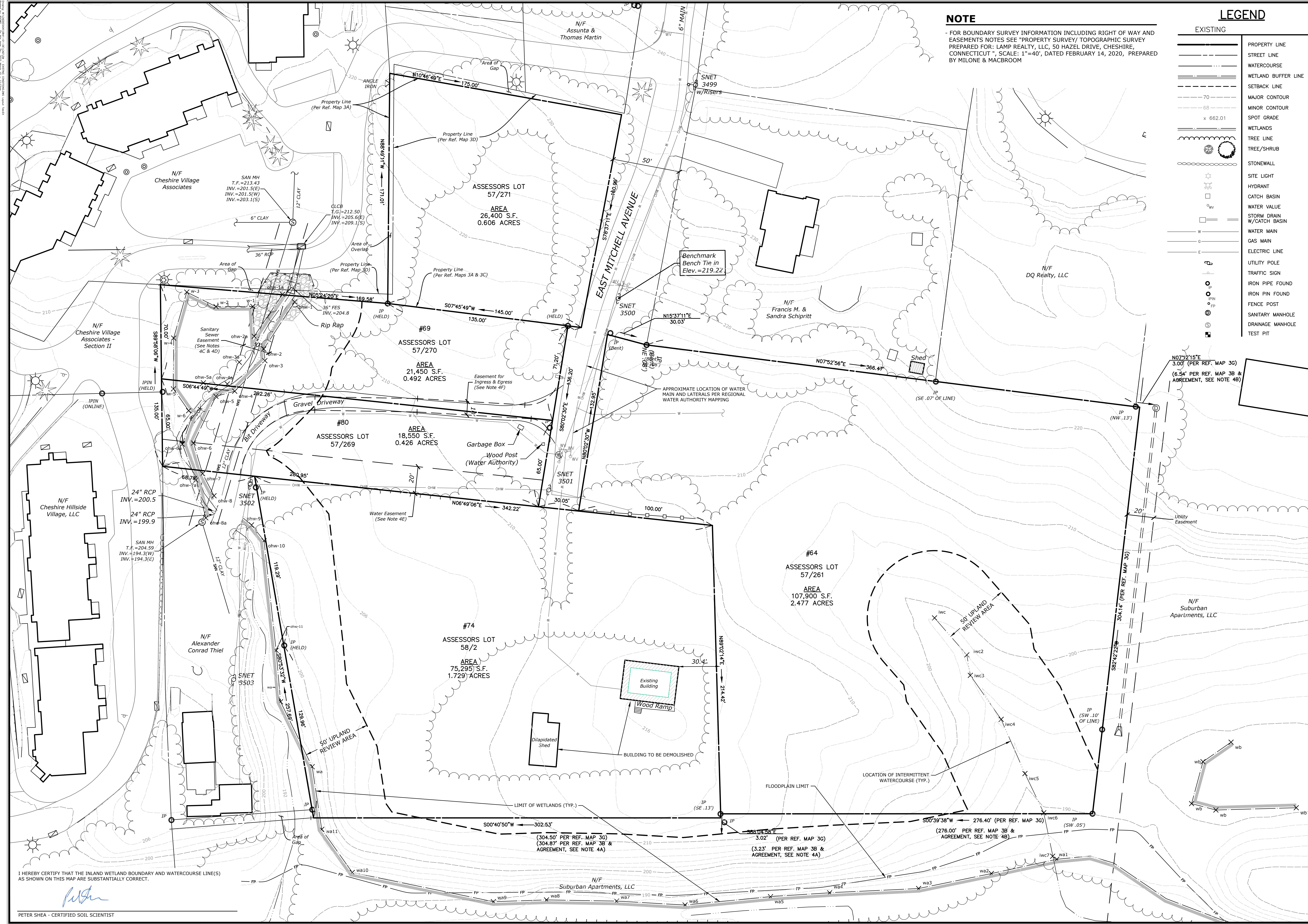
PROJECT DATA - EAST MITCHELL AVENUE

EXISTING ZONE:	R-40
PROPOSED USE:	AFFORDABLE HOUSING DEVELOPMENT

DIMENSIONAL CRITERIA	REQ'D/PERMITTED	PROPOSED/PROVIDED
LOT AREA	5 AC. MIN, 25 AC. MAX.	5.728 AC.
LOT COVERAGE	20%	<20%
FRONT YARD	25' MIN.	>25' MIN.
SIDE YARD	25' MIN.	>25' MIN.
REAR YARD	50' MIN.	>50' MIN.
LOT FRONTAGE	50' MIN.	>50' MIN.
BUILDING HEIGHT	50' MAX	<50' MIN
MAXIMUM NUMBER OF DWELLING UNITS	56 UNITS*	56

\* MAXIMUM NUMBER OF DWELLING UNITS (PER SECTION 44A.8.1)  
TOTAL LOT AREA (TLA) = 5.728 AC.  
REDUCTIONS:  
A. AREA OF WATER BODIES = 1,050 SF = 0.024 AC.  
B. AREA OF FLOOD PLAIN AND WETLANDS OUTSIDE OF (A.) = 4,215 SF = 0.095 AC.  
C. AREA OF STEEP SLOPES OUTSIDE OF (A.) AND (B.) = 4,783 SF = 0.109 AC.  
NET BUILDABLE AREA (NBA) = TLA - (A.)x100% - (B.)x50% - (C.)x50%  
NBA = 5.728 - (0.024x1.00) - (0.095x0.50) - (0.109x0.50)  
= 5.60 AC.  
BASE NUMBER OF DWELLING UNITS = TGA x 10 DU'S/AC.  
= 5.60 x 10  
= 56 UNITS





**NOTE**  
- FOR BOUNDARY SURVEY INFORMATION INCLUDING RIGHT OF WAY AND EASEMENTS NOTES SEE "PROPERTY SURVEY/ TOPOGRAPHIC SURVEY PREPARED FOR: LAMP REALTY, LLC, 50 HAZEL DRIVE, CHESHIRE, CONNECTICUT", SCALE: 1"=40', DATED FEBRUARY 14, 2020, PREPARED BY MILONE & MACBROOM

LEGEND	
EXISTING	
	PROPERTY LINE
	STREET LINE
	WATERCOURSE
	WETLAND BUFFER LINE
	SETBACK LINE
	MAJOR CONTOUR
	MINOR CONTOUR
	SPOT GRADE
	WETLANDS
	TREE LINE
	TREE/SHRUB
	STONE WALL
	SITE LIGHT
	HYDRANT
	CATCH BASIN
	WATER VALVE
	STORM DRAIN W/CATCH BASIN
	WATER MAIN
	GAS MAIN
	ELECTRIC LINE
	UTILITY POLE
	TRAFFIC SIGN
	IRON PIPE FOUND
	IRON PIN FOUND
	FENCE POST
	SANITARY MANHOLE
	DRAINAGE MANHOLE
	TEST PIT

DESCRIPTION	DATE	BY

SITE PLAN - EXISTING CONDITIONS		
DESIGNED	ACD	RJM
DRAWN		
CHECKED		
1"=30'		
JULY 14, 2021		
5841-01		
02 OF 14		
EX		

I HEREBY CERTIFY THAT THE INLAND WETLAND BOUNDARY AND WATERCOURSE LINE(S) AS SHOWN ON THIS MAP ARE SUBSTANTIALLY CORRECT.

PETER SHEA - CERTIFIED SOIL SCIENTIST





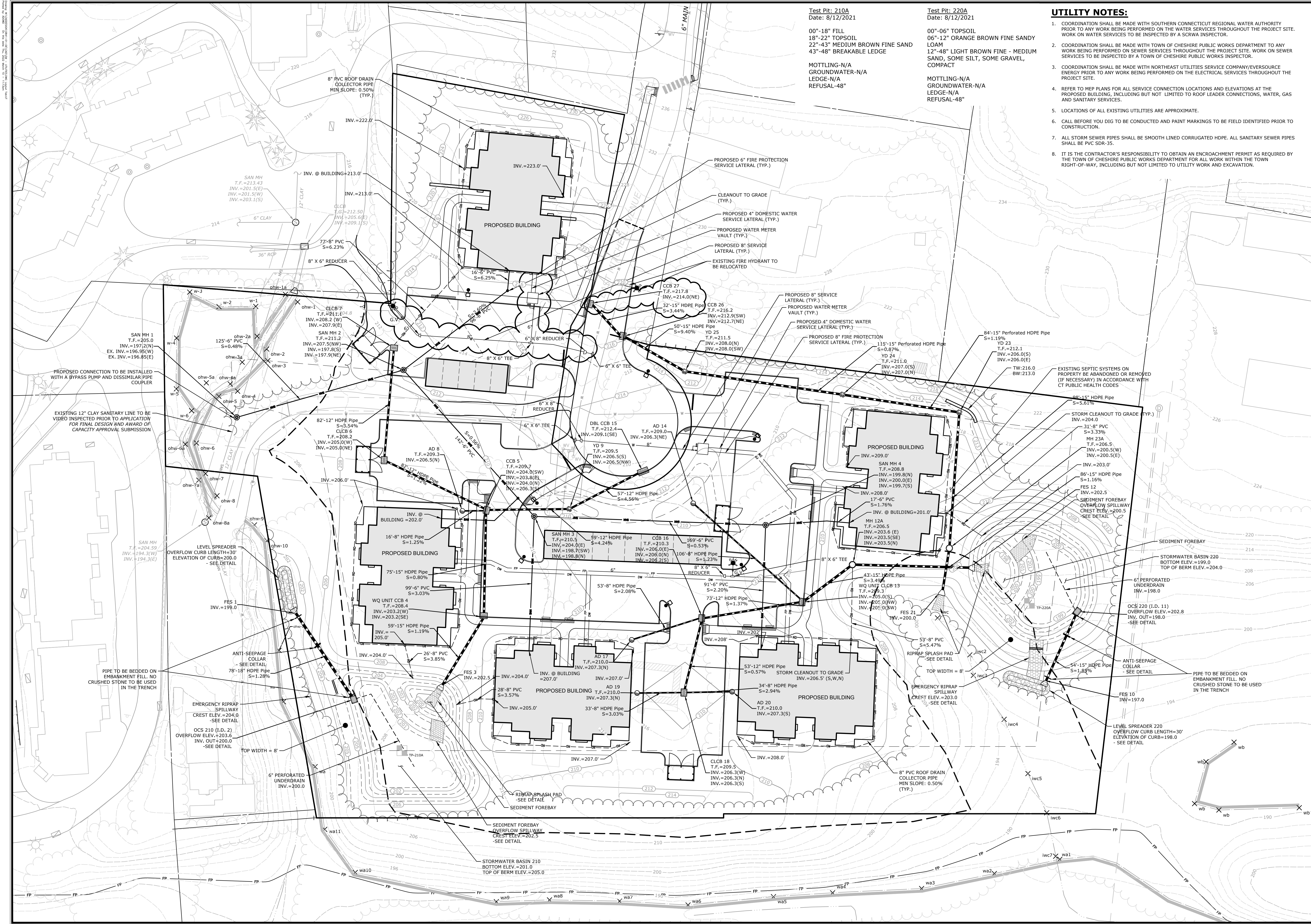












99 REALTY DRIVE  
CHESHIRE, CT 06410  
SILICONSLR.COM

DESCRIPTION	DATE	BY
PEER REVIEW COMMENTS	8/13/2021	MILA
LAYOUT CHANGES	11/1/2021	MILA
WATER SERVICES	1/11/2022	ACD
LAYOUT CHANGES	2/10/2022	MILA
P&Z COMMENTS	3/08/2022	MILA

**SITE PLAN - UTILITIES**

**EAST MITCHELL AVE  
RESIDENTIAL DEVELOPMENT**

**EAST MITCHELL AVENUE  
CHESHIRE, CONNECTICUT**

RJM	ACD	RJM
DESIGNED	DRAWN	CHECKED

SCALE: 1"=30'

DATE: JULY 14, 2021

PROJECT NO.: 5841-01

SHEET NO.: 06 OF 14

**UT**

SHEET NAME:







SOIL EROSION AND SEDIMENT CONTROL NARRATIVE

SEDIMENT AND EROSION CONTROL MEASURES AS DEPICTED ON THESE PLANS AND DESCRIBED WITHIN THE SEDIMENT AND EROSION CONTROL NARRATIVE SHALL BE IMPLEMENTED AND MAINTAINED UNTIL PERMANENT COVER AND STABILIZATION IS ESTABLISHED. ALL SEDIMENT AND EROSION CONTROL MEASURES SHALL CONFORM TO THE "GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL, CONNECTICUT - 2002, TOWN OF CHESHIRE REQUIREMENTS, AND IN ALL CASES BEST MANAGEMENT PRACTICES SHALL PREVAIL.

1. PURPOSE AND DESCRIPTION OF PROJECT

- A.) THE CONSTRUCTION OF A 56 UNIT RESIDENTIAL DEVELOPMENT  
B.) DISTURBED AREA: ±5.73 AC.

2. IDENTIFICATION OF EROSION AND SEDIMENT CONTROL CONCERNS

- A.) CUTS AND FILLS ASSOCIATED WITH CONSTRUCTION.  
B.) PROTECTION OF OFFSITE DRAINAGE SYSTEMS  
C.) PROTECTION OF WETLANDS AND STREAMS

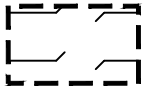
3. IDENTIFICATION OF OTHER POSSIBLE PERMITS

THE PERMITS REQUIRED FOR THE PROJECT ARE LOCAL INLAND WETLANDS, PLANNING AND ZONING PERMITS.

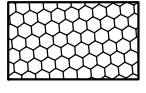
TEMPORARY SEDIMENT TRAP SIZING SUMMARY					
TRAP NO.	ACRES	VOLUME STORAGE REQUIRED	DEPTH STORAGE REQUIRED	LENGTH X WIDTH	VOLUME PROVIDED
#1	1.68	225 CY	3.0 FT.	35 FT. X 60 FT.	233 CY
#2	1.66	222 CY	3.0 FT.	35 FT. X 60 FT.	233 CY

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

EROSION CONTROL LEGEND



TST TEMPORARY SEDIMENT TRAP



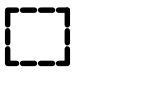
CE CONSTRUCTION ENTRANCE (50 L.F. MIN.)



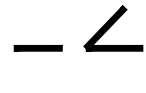
HB STACKED HAYBALES



GSF SEDIMENT FILTER FENCE



IP INLET PROTECTION



DB DIVERSION BERM



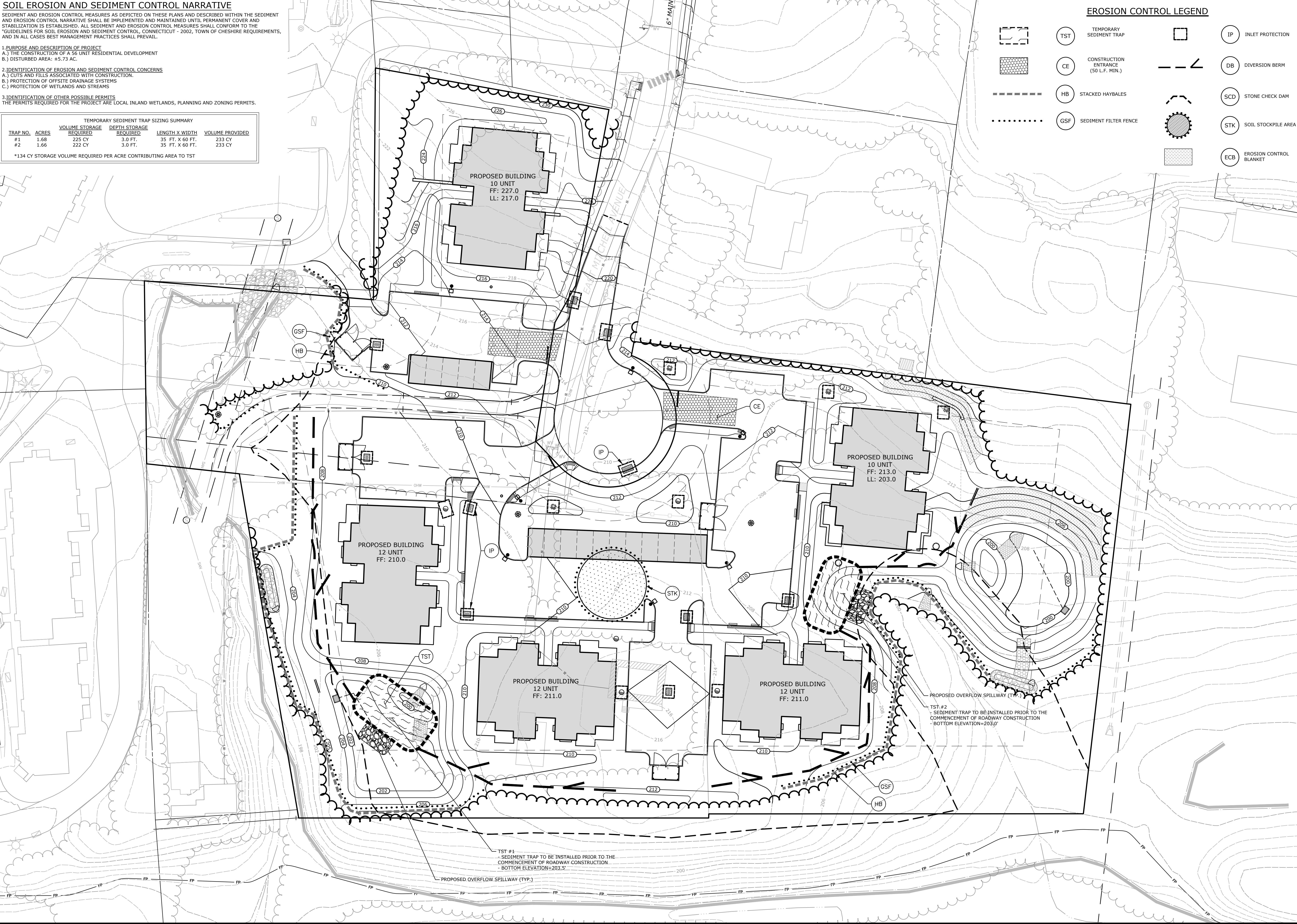
SCD STONE CHECK DAM



STK SOIL STOCKPILE AREA



ECB EROSION CONTROL BLANKET



SLR  
99 REALTY DRIVE  
CHESHIRE, CT 06410  
203.271.1772  
SLRCONSULTING.COM

DESCRIPTION	DATE	BY
LAYOUT CHANGES	11/11/2021	MILA

SEDIMENT & EROSION CONTROL PLAN

EAST MITCHELL AVE  
RESIDENTIAL DEVELOPMENT  
EAST MITCHELL AVENUE  
CHESHIRE, CONNECTICUT

DESIGNED	DRAWN	CHECKED

SCALE: 1"=30'

DATE: JULY 14, 2021

PROJECT NO.: 5841-01

SHEET NO.: 08 OF 14

SHEET NAME: SE



SEDIMENT & EROSION CONTROL SPECIFICATIONS

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

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

1. THE RESHAPING OF THE GROUND SURFACE BY EXCAVATION AND FILLING OR A COMBINATION OF BOTH, TO OBTAIN PLANNED GRADES, SHALL PROCEED IN ACCORDANCE WITH THE FOLLOWING CRITERIA:

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

TOPSOILING

GENERAL:

- 1. TOPSOIL SHALL BE SPREAD OVER ALL EXPOSED AREAS IN ORDER TO PROVIDE A SOIL MEDIUM HAVING FAVORABLE CHARACTERISTICS FOR THE ESTABLISHMENT, GROWTH, AND MAINTENANCE OF VEGETATION.
- 2. UPON ATTAINING FINAL UPGRADES, SCARIFY SURFACE TO PROVIDE A GOOD BOND WITH TOPSOIL.
- 3. REMOVE ALL LARGE STONES, TREE LIMBS, ROOTS AND CONSTRUCTION
- 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.
- 2. TOPSOIL SHOULD HAVE A SANDY OR LOAMY TEXTURE.
- 3. TOPSOIL SHOULD BE RELATIVELY FREE OF SUBSOIL MATERIAL AND MUST BE FREE OF STONES (COVER 1" IN DIAMETER), LUMPS OF SOIL, ROOTS, TREE LIMBS, TRASH, OR CONSTRUCTION DEBRIS. IT SHOULD BE FREE OF ROOTS OR RHIZOMES SUCH AS THISTLE, KNOTGRASS, AND QUAKERS.
- 4. AN ORGANIC MATTER CONTENT OF SIX PERCENT (6%) IS REQUIRED. AVOID LIGHT COLORED SUBSOIL MATERIAL.
- 5. SOLUBLE SALT CONTENT OF OVER 500 PARTS PER MILLION (PM) 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:

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

TEMPORARY VEGETATIVE COVER

GENERAL:

- 1. 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 MORE THAN 30 DAYS. AREAS TO BE LEFT EXPOSED FOR MORE THAN 30 DAYS SHALL BE SEEDED WITHIN 7 DAYS OF SUSPENSION OF CONSTRUCTION ACTIVITIES. 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.
- 3. 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 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.
- 5. 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.

ESTABLISHMENT:

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

PERMANENT VEGETATIVE COVER

GENERAL:

- 1. 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 SHALL BE SEEDED WITHIN 7 DAYS OF ESTABLISHMENT OF FINAL GRADES.

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:

- o SPREAD 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 300 LBS. OF 10-10-10 FERTILIZER PER ACRE. AFTER SEPTEMBER 1, TEMPORARY VEGETATIVE COVER SHALL BE APPLIED.
- o FALL SEEDING: WORK DEEPLY IN SOIL, BEFORE SEEDING, 600 LBS. OF 10-10-10 FERTILIZER PER ACRE (14 LBS. PER 1,000 SQ. FT.).

VEGETATIVE COVER SELECTION & MULCHING

TEMPORARY VEGETATIVE COVER:

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

\* PERMANENT VEGETATIVE COVER:

BARON KENTUCKY BLUEGRASS 60%  
JAMESTOWN II CHEWINGS FESCUE 20%  
PALMER PERENNIAL RYEGRASS 20%

\* LOFTS - "TRIPLEX GENERAL" MIX OR APPROVED EQUAL. RECOMMENDED TIME SEEDING. 5 LB./1000 S.F. SEEDING RATE.

SPRING SEEDING: 4/1 to 5/31

FALL SEEDING: 8/16 to 10/15

TEMPORARY MULCHING:

STRAY OR HAY 70-90 LBS./1,000 SQ.FT. (TEMPORARY VEGETATIVE AREAS)

WOOD FIBER IN HYDROMULCH SLURRY 25-50 LBS./1,000 SQ. FT.

ESTABLISHMENT:

- 1. SMOOTH AND FIRM SEEDBED WITH CULTIPACKER OR OTHER SIMILAR EQUIPMENT PRIOR TO SEEDING (EXCEPT WHEN HYDROSEEDING).
- 2. SELECT ADAPTED SEED MIXTURE FOR THE SPECIFIC SITUATION. NOTE RATES AND THE SEEDING DATES (SEE VEGETATIVE COVER SELECTION & MULCHING SPEC. BELOW).
- 3. APPLY SEED UNIFORMLY ACCORDING TO RATE INDICATED, BY BROADCASTING, DRILLING, OR HYDRAULIC APPLICATION.
- 4. COVER GRASS AND LEGUME SEED WITH NOT MORE THAN 1/4 INCH OF SOIL WITH SUITABLE EQUIPMENT (EXCEPT WHEN HYDROSEEDING).
- 5. MULCH IMMEDIATELY AFTER SEEDING, IF REQUIRED, ACCORDING TO TEMPORARY MULCHING SPECIFICATIONS. (SEE VEGETATIVE COVER SELECTION & MULCHING SPECIFICATION BELOW).
- 6. USE PROPER INOCULANT ON ALL LEGUME SEEDINGS, USE FOUR (4) TIMES NORMAL RATES WHEN HYDROSEEDING.
- 7. USE SOO 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 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 AS INDICATED BY SOIL TEST 300 POUNDS OF 0-20-20 OR EQUIVALENT PER ACRE (8 LBS PER 1,000 SQ. FT.).

EROSION CHECKS

GENERAL:

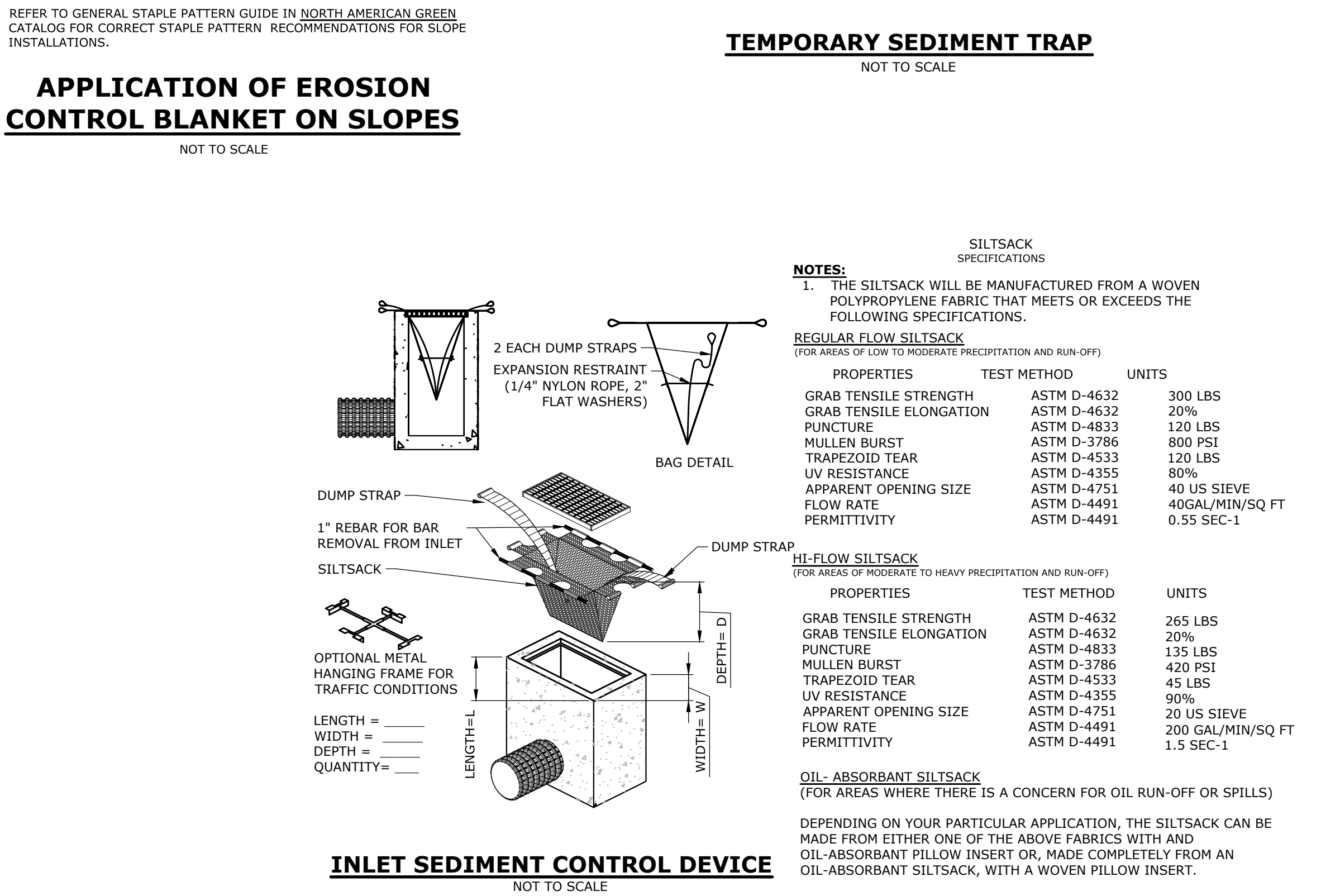
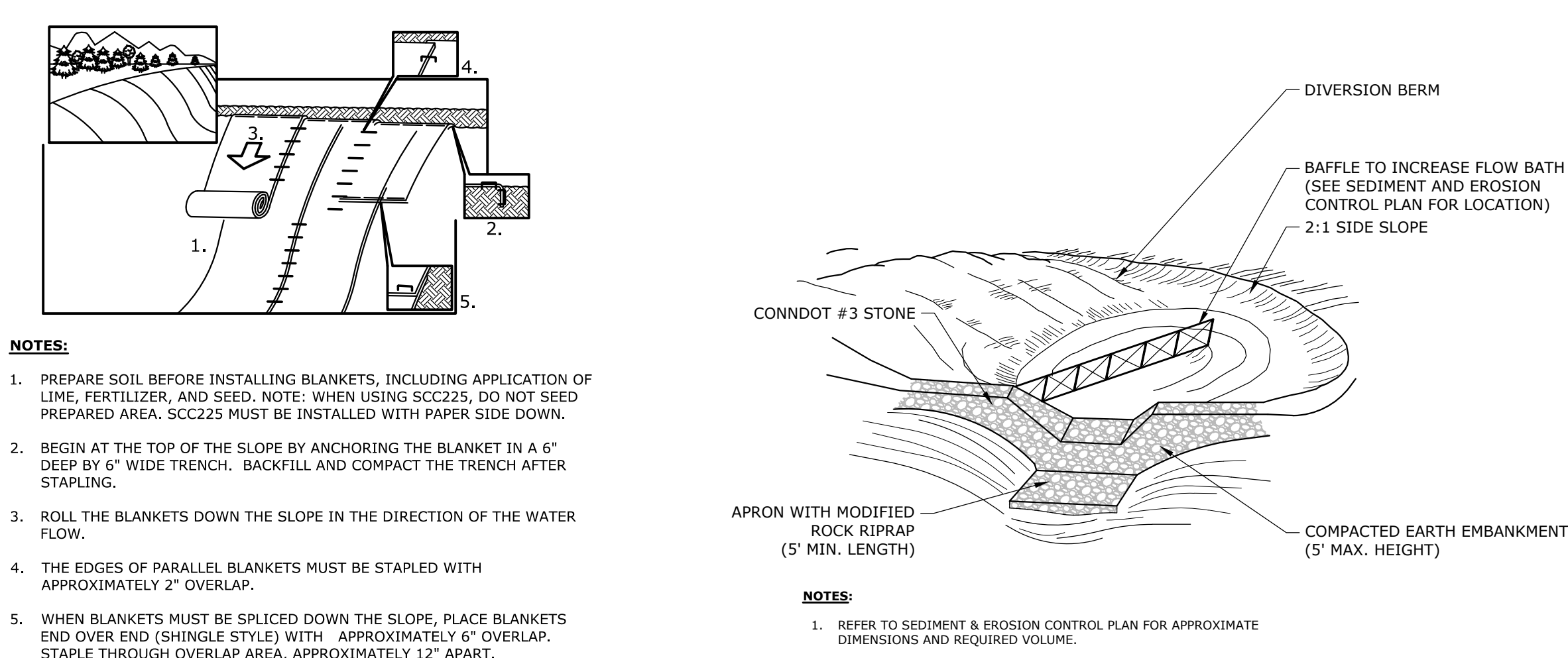
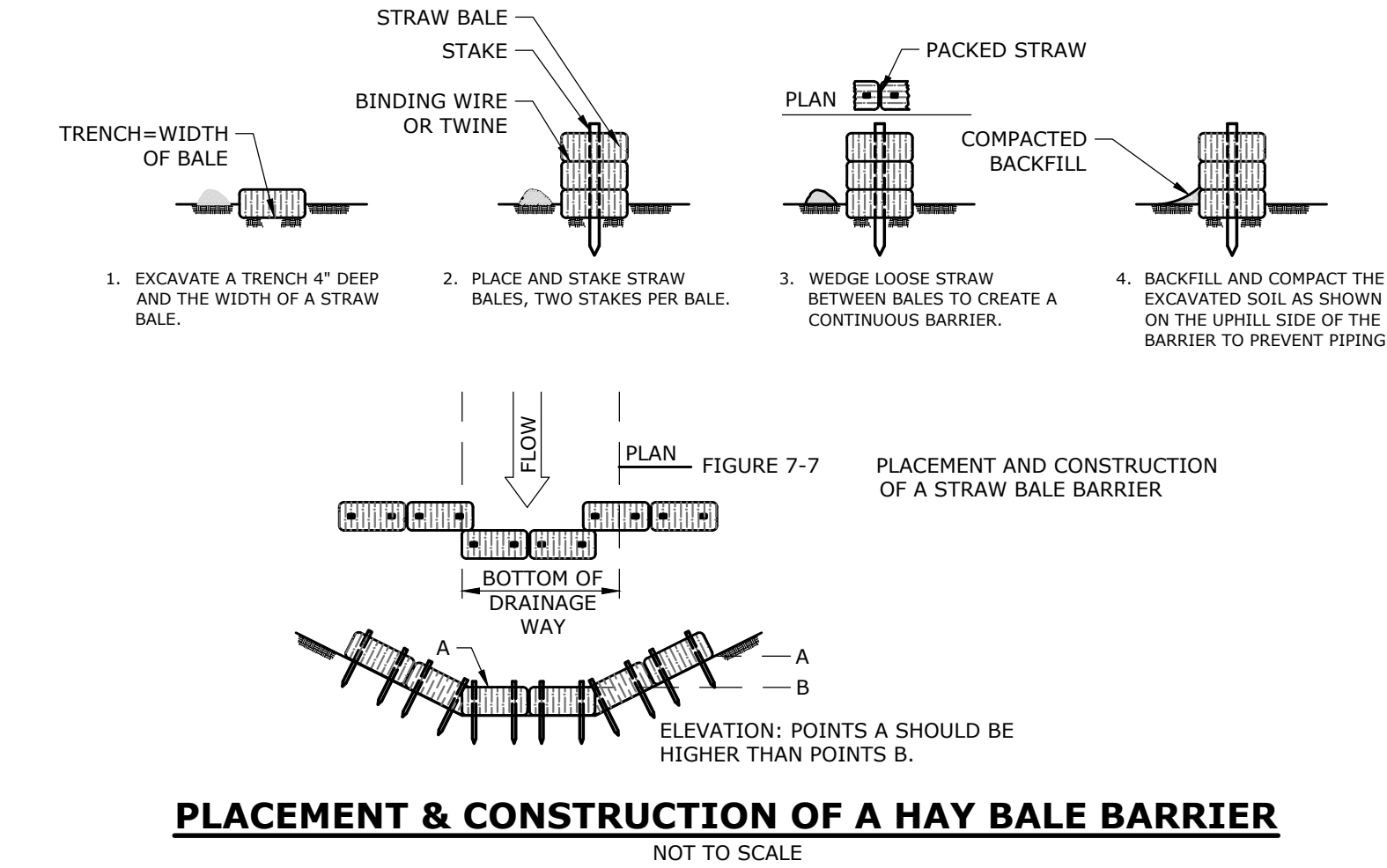
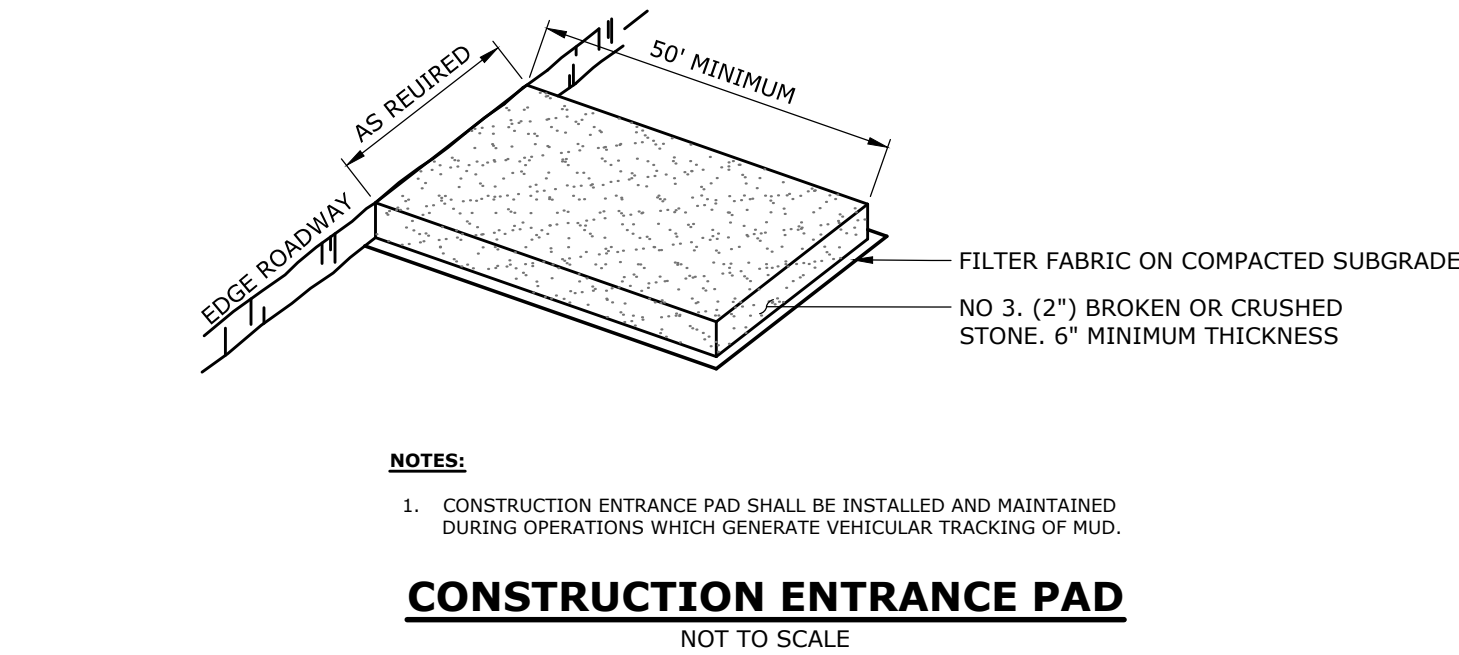
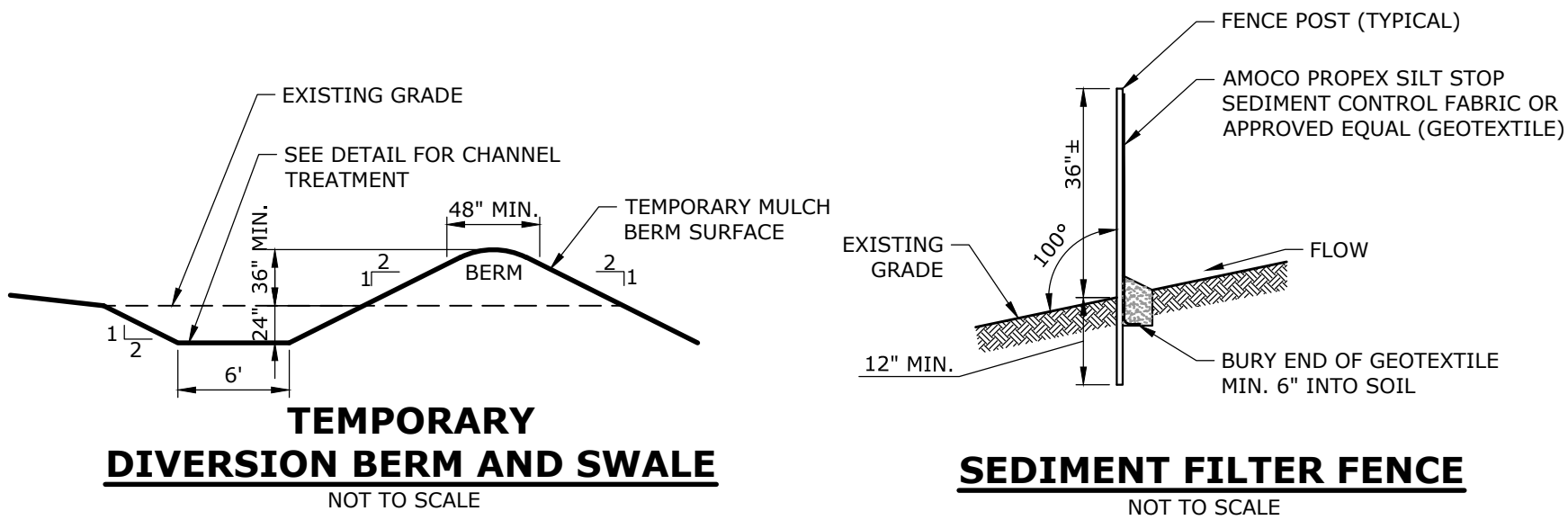
- 1. TEMPORARY PERVIOUS BARRIERS USING BALES OF HAY OR STRAW, HELD IN PLACE WITH STAKES DRIVEN THROUGH THE BALES AND INTO THE GROUND OR GEOTEXTILE FABRIC FASTENED TO A FENCE POST AND BURIED INTO THE GROUND, SHALL BE INSTALLED AND MAINTAINED AS REQUIRED TO CHECK EROSION AND REDUCE SEDIMENTATION.

CONSTRUCTION:

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

INSTALLATION AND MAINTENANCE:

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



EROSION CONTROL MAINTENANCE INTERVALS

EROSION CONTROL MEASURE	CONTROL OBJECTIVE	INSPECTION/MAINTENANCE	FAILURE INDICATORS	REMOVAL
TEMPORARY SEDIMENT TRAP (TST)	- DETAIN SEDIMENT-LADEN RUNOFF FROM SMALL DISTURBED AREAS LONG ENOUGH TO ALLOW A MAJORITY OF THE SEDIMENT TO SETTLE OUT.	INSPECT AT LEAST ONCE A WEEK AND WITHIN 24 HOURS OF THE END OF A STORM WITH A RAINFALL OF 0.5 INCHES OR MORE. STONE OUTLET SHOULD BE AT LEAST 1 FOOT BELOW CREST OF EMBANKMENT. SEDIMENT MUST BE REMOVED WHEN ACCUMULATION REACHES 1/2 OF THE REQUIRED WET STORAGE.	- TURBID WATER - EXCESSIVE SEDIMENT ACCUMULATION - OVERTOPPING EVIDENCE	TST MAY BE REMOVED ONCE THE CONTRIBUTING DRAINAGE AREA IS PERMANENTLY STABILIZED.
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 1/2 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 1/2 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)	- 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.
STONE CHECK DAM (SCD)	- TO REDUCE THE VELOCITY OF CONCENTRATED STORM WATER FLOWS, THEREBY REDUCING EROSION OF THE DRAINAGEWAY. - TO TEMPORARILY POND STORM WATER RUNOFF TO ALLOW SEDIMENTS TO SETTLE OUT.	INSPECT AT LEAST ONCE A WEEK AND WITHIN 24 HOURS OF THE END OF A STORM WITH A RAINFALL OF 0.5 INCHES OR MORE. ACCUMULATED SEDIMENT MUST BE REMOVED ONCE THE DEPTH OF SEDIMENT IS EQUAL TO 1/2 THE HEIGHT OF THE CHECK DAM.	- STONE HAS MOVED - SOIL HAS ERODED AROUND OR UNDER THE CHECK DAM REDUCING ITS FUNCTIONAL CAPACITY - TRAPPED SEDIMENTS ARE OVERTOPPING THE CHECK DAM	STONE CHECK DAMS MAY BE REMOVED ONCE CONSTRUCTION HAS CEASED AND THE CONTRIBUTING DRAINAGE AREA HAS BEEN PERMANENTLY STABILIZED.



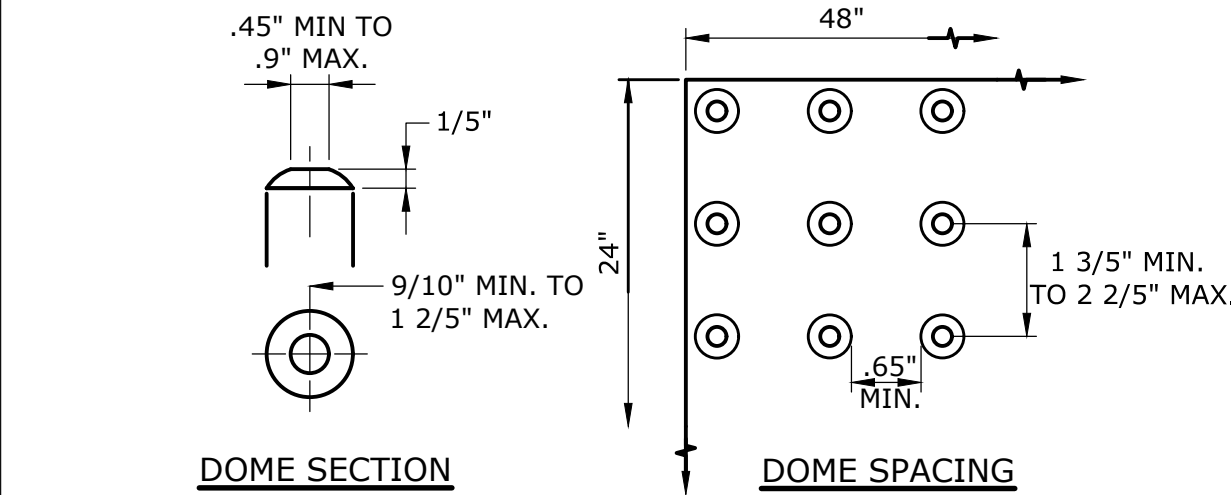
DESCRIPTION	DATE	BY

SEDIMENT & EROSION CONTROL DETAILS  
EAST MITCHELL AVE  
RESIDENTIAL DEVELOPMENT  
EAST MITCHELL AVENUE  
CHESHIRE, CONNECTICUT

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JULY 14, 2021		
5841-01		
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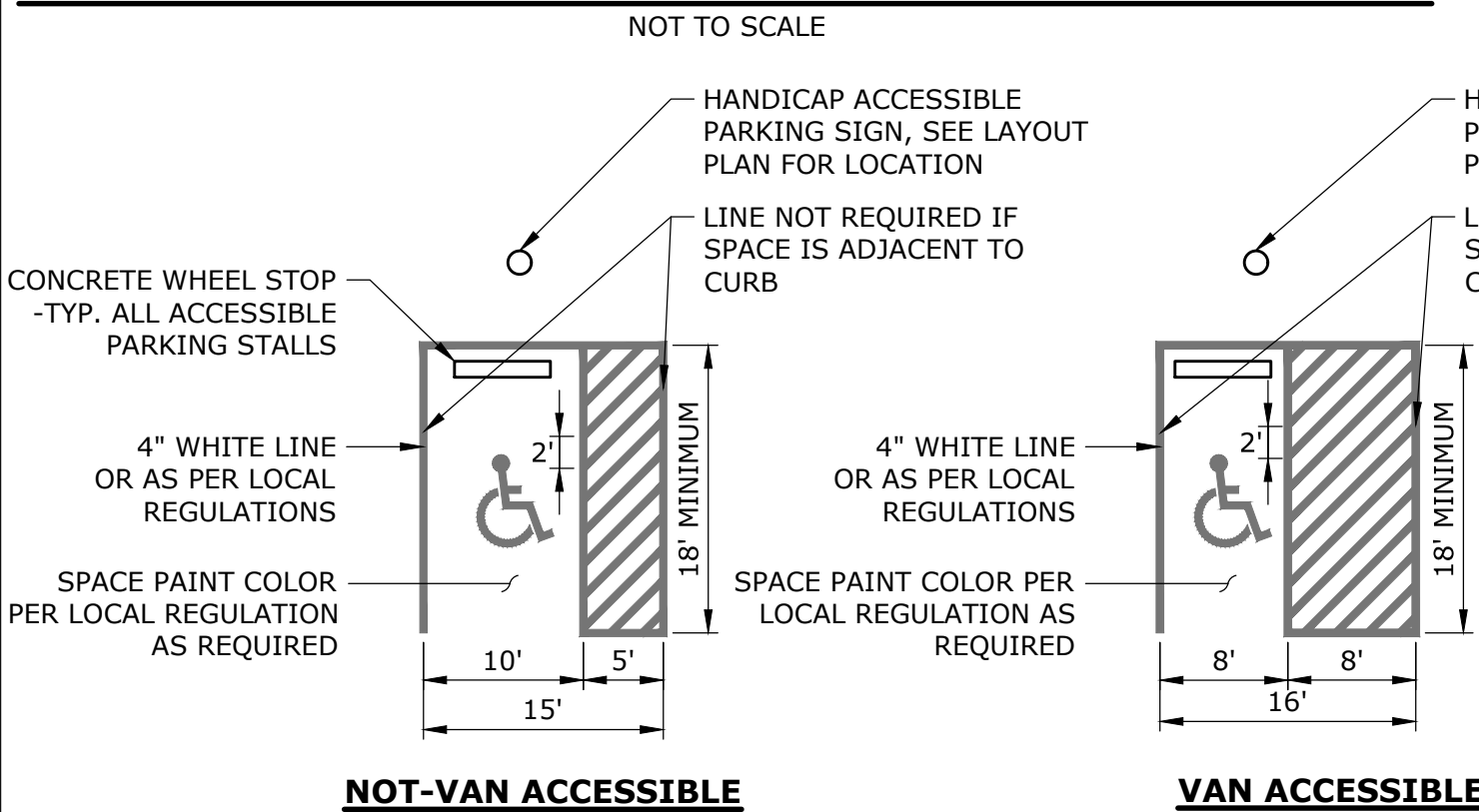
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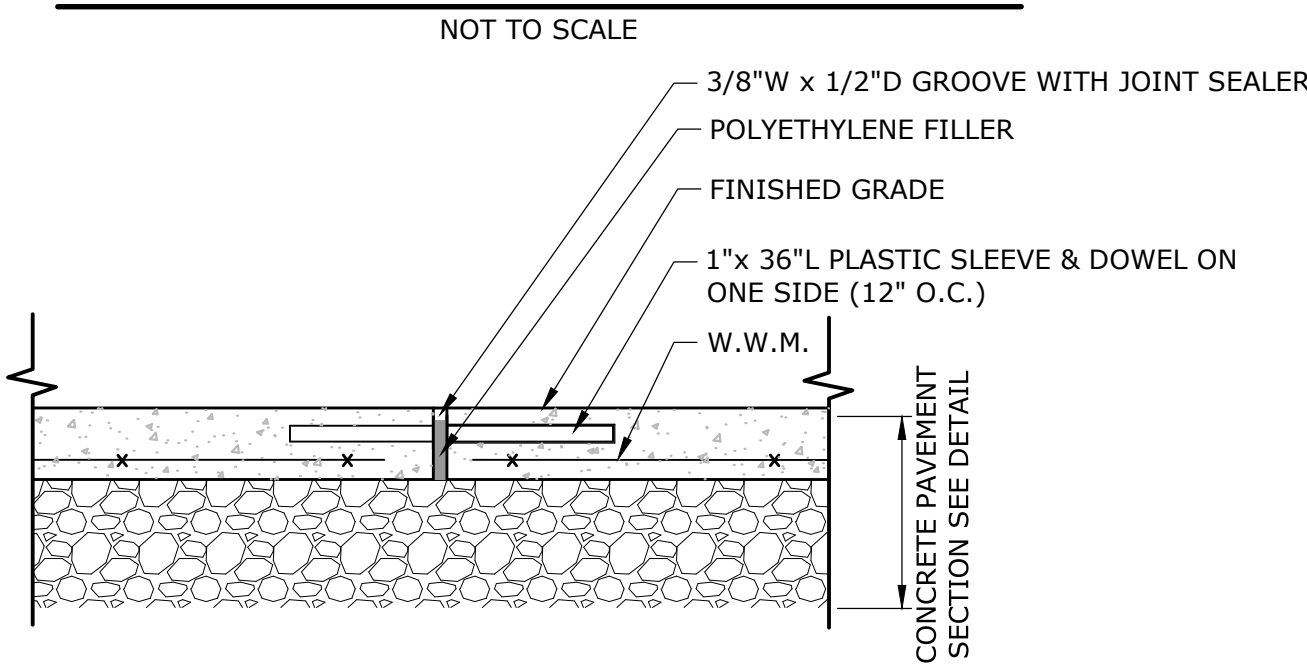
#### NOTES:

1. MAXIMUM SLOPES OF ADJOINING GUTTERS AND ROAD SURFACES IMMEDIATELY ADJACENT TO THE SIDEWALK RAMP OR ACCESSIBLE ROUTE SHOULD NOT EXCEED 20:1.
2. CARE SHALL BE TAKEN TO ASSURE UNIFORM GRADE ON THE RAMP, FREE OF SAGS AND ABRUPT GRADE CHANGES.
3. ALL RAMPS SHALL BE CONSTRUCTED OF CLASS "C" CONCRETE IN ACCORDANCE WITH CONNECTICUT STANDARD SPECIFICATIONS ARTICLE M.03.01.
4. SIDEWALK RAMPS SHALL HAVE A COARSE BROOM FINISH TRANSVERSE TO THE SLOPE OF THE RAMP. THE SURFACE ALONG ACCESSIBLE ROUTES SHALL BE STABLE, FIRM AND SLIP RESISTANT IN COMPLIANCE WITH ADAAG SECTION 4.5.
5. DIAGONAL SIDEWALK RAMPS AT MARKED CROSSINGS SHALL BE WHOLLY CONTAINED WITHIN THE MARKINGS, EXCLUDING ANY FLARED SIDES.
6. REMOVAL OF EXISTING SIDEWALK FOR NEW RAMP INSTALLATIONS SHALL BE TO THE NEAREST EXPANSION/CONTRACTION JOINT OR DUMMY JOINT. 12:1 MAY NOT BE ACHIEVABLE DUE TO SIDEWALK GRADE. IN RECOGNITION OF THIS, A MINIMUM LIMIT OF 15' FOR A PARALLEL RAMP SHALL BE USED. REMOVAL SHALL NOT BE FURTHER THAN 2' FROM THE PROPOSED RAMP UNLESS DIRECTED BY THE ENGINEER. SAW CUT REQUIRED FOR DUMMY JOINTS SHALL BE INCLUDED IN THE COST OF "CONCRETE SIDEWALK".
7. EXPANSION JOINTS IN CONCRETE SHALL MATCH THOSE IN ADJACENT SIDEWALKS BUT IN NO CASE SHALL THE SPACING BETWEEN EXPANSION JOINTS EXCEED 12' UNLESS OTHERWISE NOTED.
8. RAISED ISLANDS IN MARKED CROSSINGS SHALL HAVE SIDEWALK RAMPS AT BOTH SIDES AND A LEVEL AREA AT LEAST 4' LONG BETWEEN THE RAMPS. IF THIS CAN NOT BE ACHIEVED, THE RAISED ISLAND SHALL BE CUT THROUGH LEVEL WITH THE ROADWAY AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
9. SIDEWALK RAMPS SHALL BE CONSTRUCTED AND PAID FOR UNDER THE ITEM "CONCRETE SIDEWALK", INCLUDING CURBING WITHIN THE LIMITS OF THE NEW SIDEWALK RAMP AND DETECTABLE WARNING STRIPS.
10. CURBING WITHIN THE LIMITS OF THE NEW SIDEWALK RAMP SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE REQUIREMENTS OF FORM 814A SECTIONS 8.11 AND 8.13.
11. HANDICAP RAMPS CONFORMING WITH CONNECTICUT GENERAL STATUTES, SEC. 7-118a, SHALL BE INCORPORATED IN ALL PROPOSED SIDEWALKS AT ALL STREET INTERSECTIONS, AND AT ALL OTHER LOCATIONS WHERE THE GRADE OF A DRIVEWAY OR OTHER FACILITY TAKES PRECEDENCE OVER THE GRADE OF THE PROPOSED SIDEWALK.
12. TRANSITION TO FULL HEIGHT CURB. INSTALL STONE CURBING IF ADJACENT CURBING IS STONE. INSTALL CONCRETE CURBING IF ADJACENT CURBING IS CONCRETE OR BITUMINOUS.
13. INSTALL THE EDGE OF THE DETECTABLE WARNING 6" FROM THE EDGE OF ROAD.
14. TO PERMIT WHEELCHAIR WHEELS TO ROLL BETWEEN DOMES, ALIGN DOMES ON A SQUARE GRID. IN THE DIRECTION OF PEDESTRIAN TRAVEL.

### DETECTABLE WARNING STRIP FOR ACCESSIBLE WALK



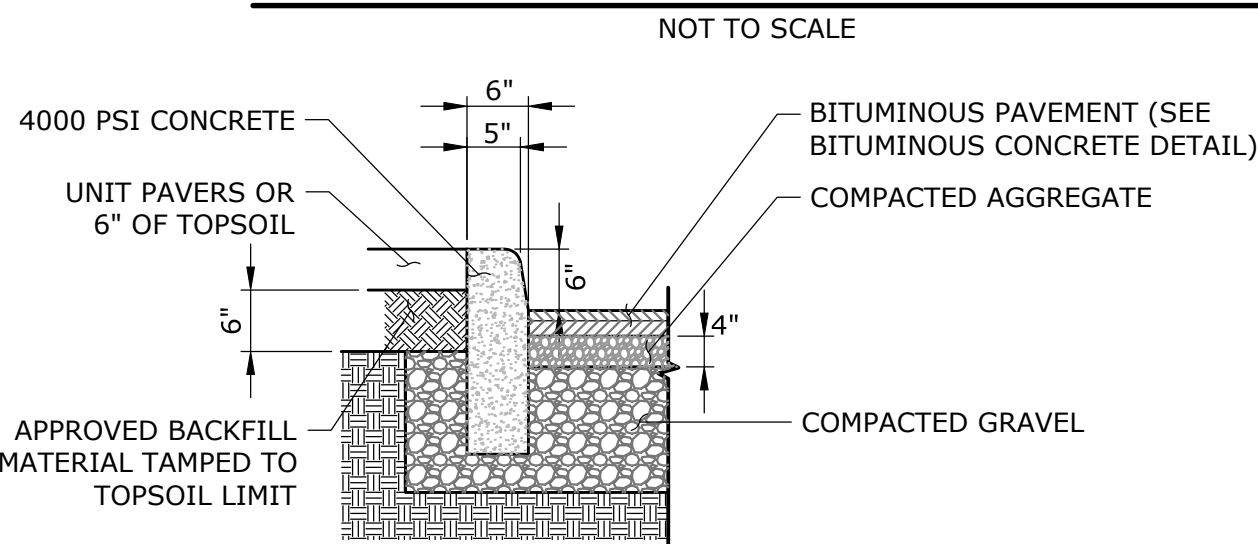
### ACCESSIBLE PARKING STALL DETAIL



#### NOTES:

1. PROVIDE PREFORMED EXPANSION JOINT AT ALL CONSTRUCTION JOINT, SAWCUT, AND OTHER LOCATIONS WHERE CONCRETE ABUTTS EXISTING CONCRETE.

### CEMENT CONCRETE EXPANSION JOINT

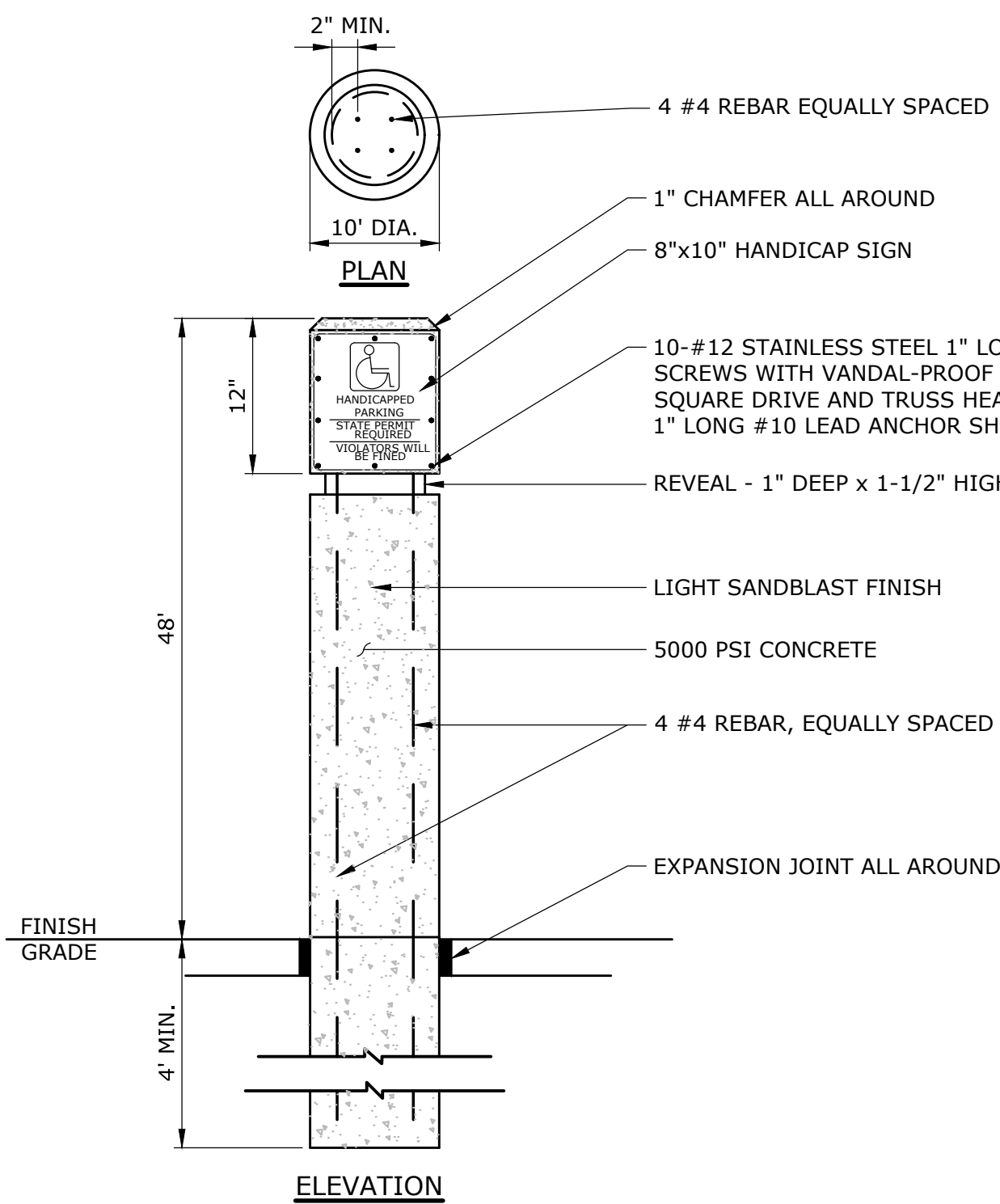


#### NOTES:

1. CONCRETE IS TO BE AIR ENTRAINMENT 3%-6%
2. CONCRETE CURB MAY BE PRECAST UNITS. SUBMIT SHOP DRAWINGS.

### CONCRETE CURB

NOT TO SCALE

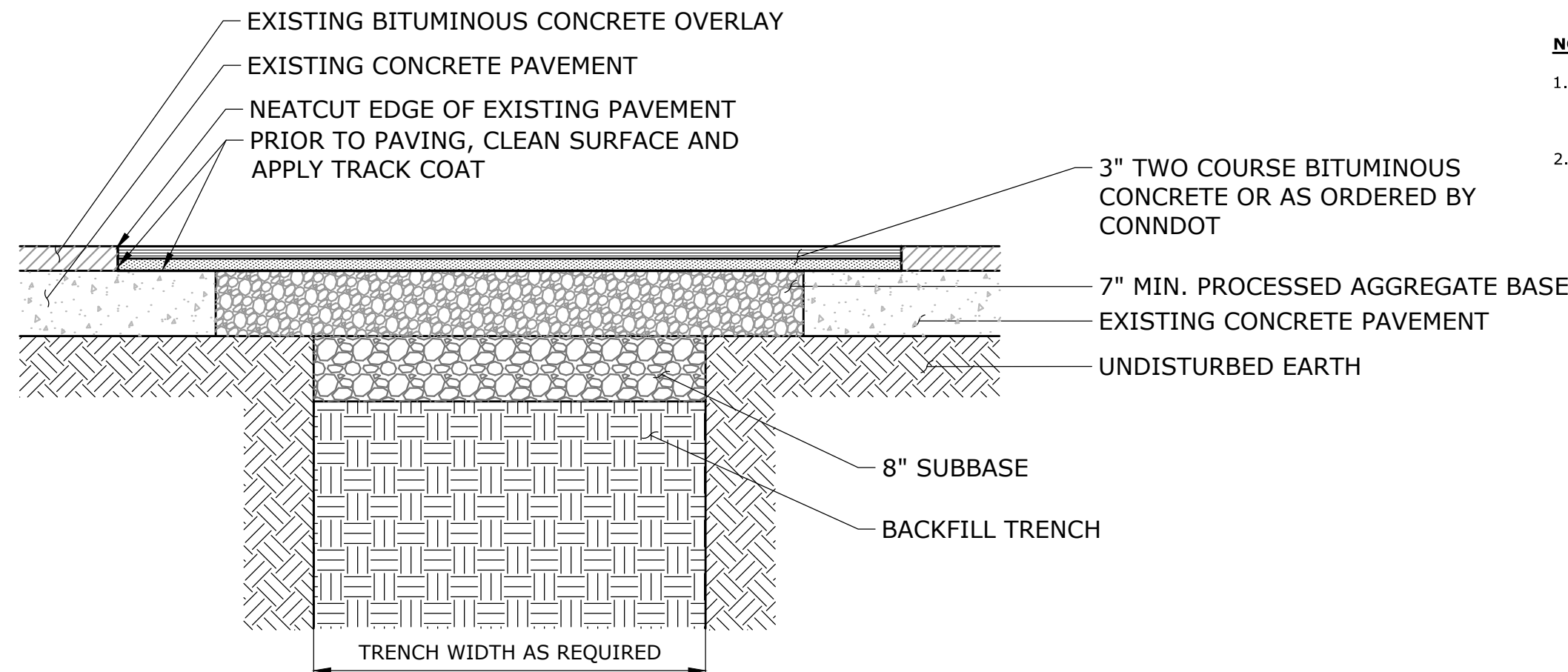


#### NOTES:

1. WHERE SHOWN IN SIDEWALK, SET SET FACE OF BOLLARD 6" MIN. BEHIND BACK OF CURB.

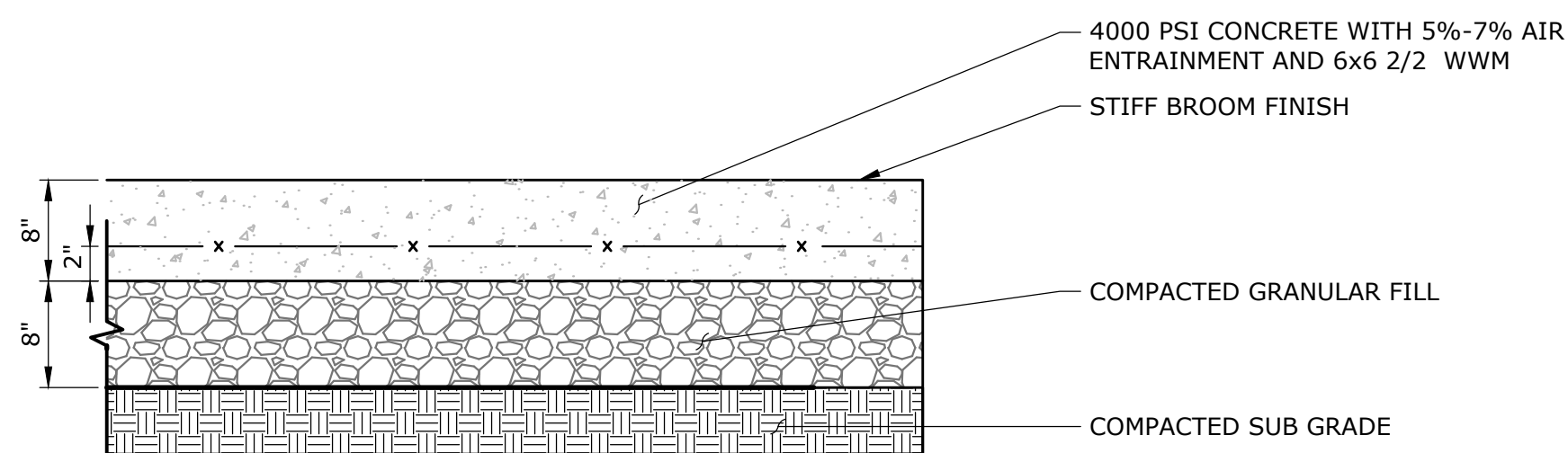
### HANDICAPPED SIGN/BOLLARD

NOT TO SCALE



### PERMANENT PAVEMENT REPAIR

NOT TO SCALE

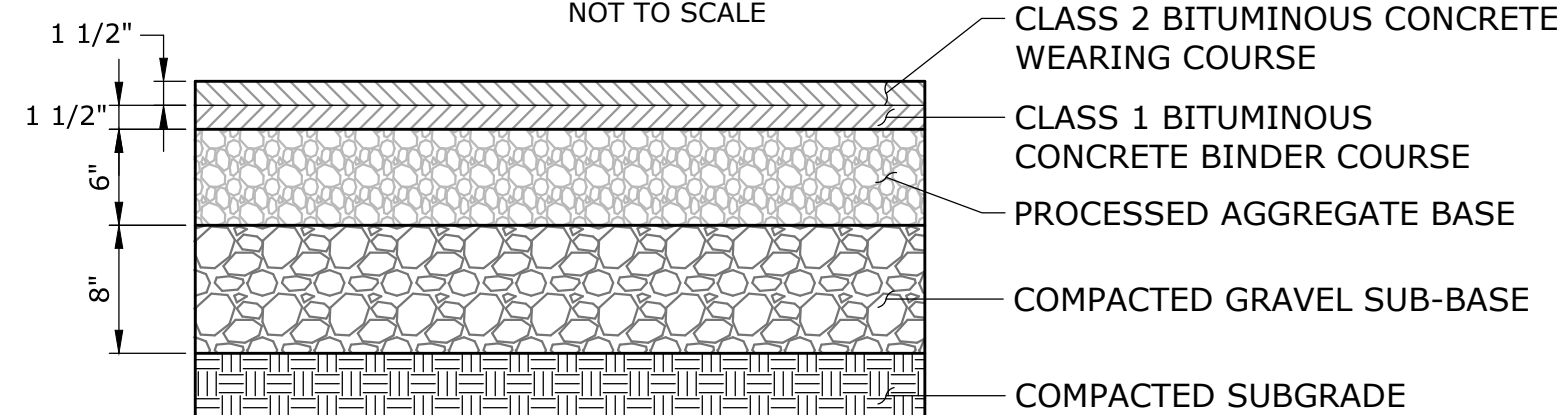


#### NOTES:

1. EXPANSION JOINTS EVERY 20LF MAXIMUM OR EVERY 144SF UNLESS OTHERWISE INDICATED ON PLANS (SEE JOINT DETAILS)
2. SCORE JOINTS 5' ON CENTER UNLESS OTHERWISE INDICATED ON PLANS.
3. USE AT LOADING DOCK AND ALL UTILITY PADS.

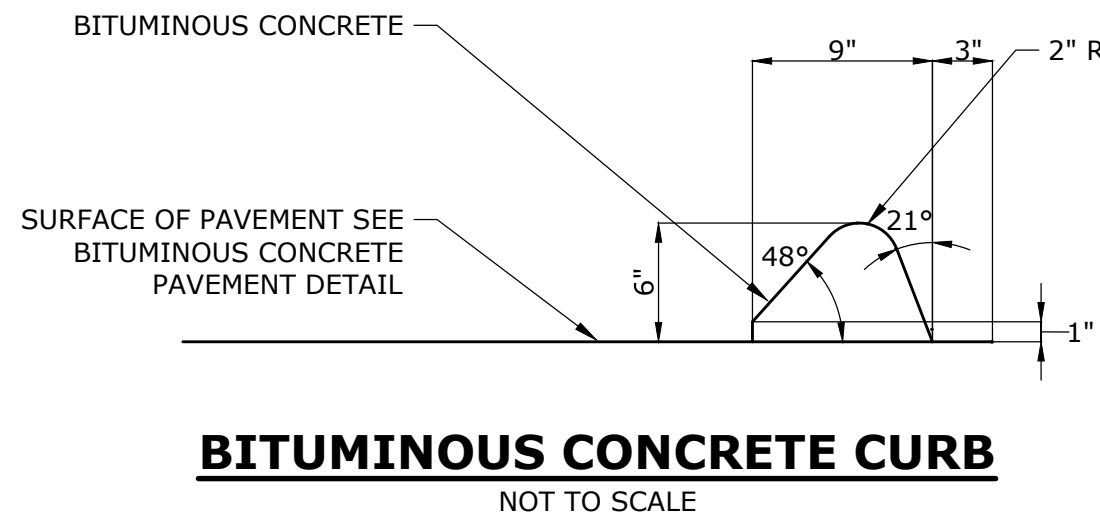
### CONCRETE PAD

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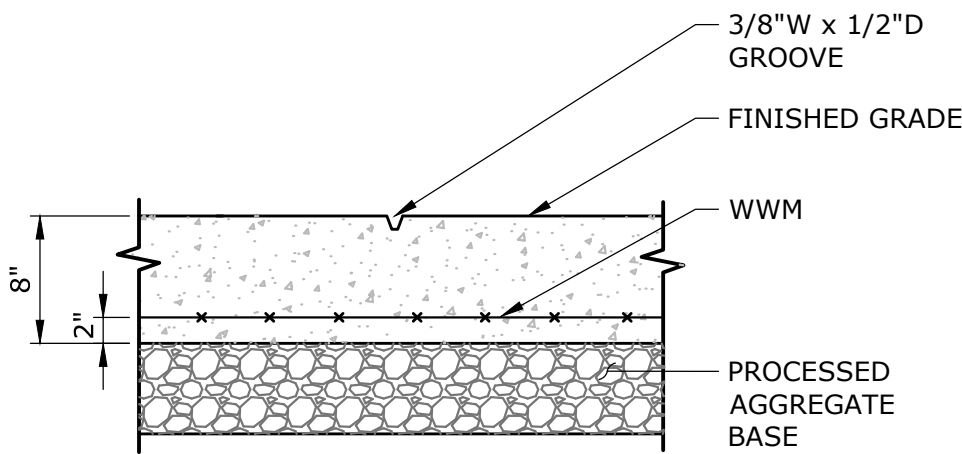
### BITUMINOUS CONCRETE

NOT TO SCALE



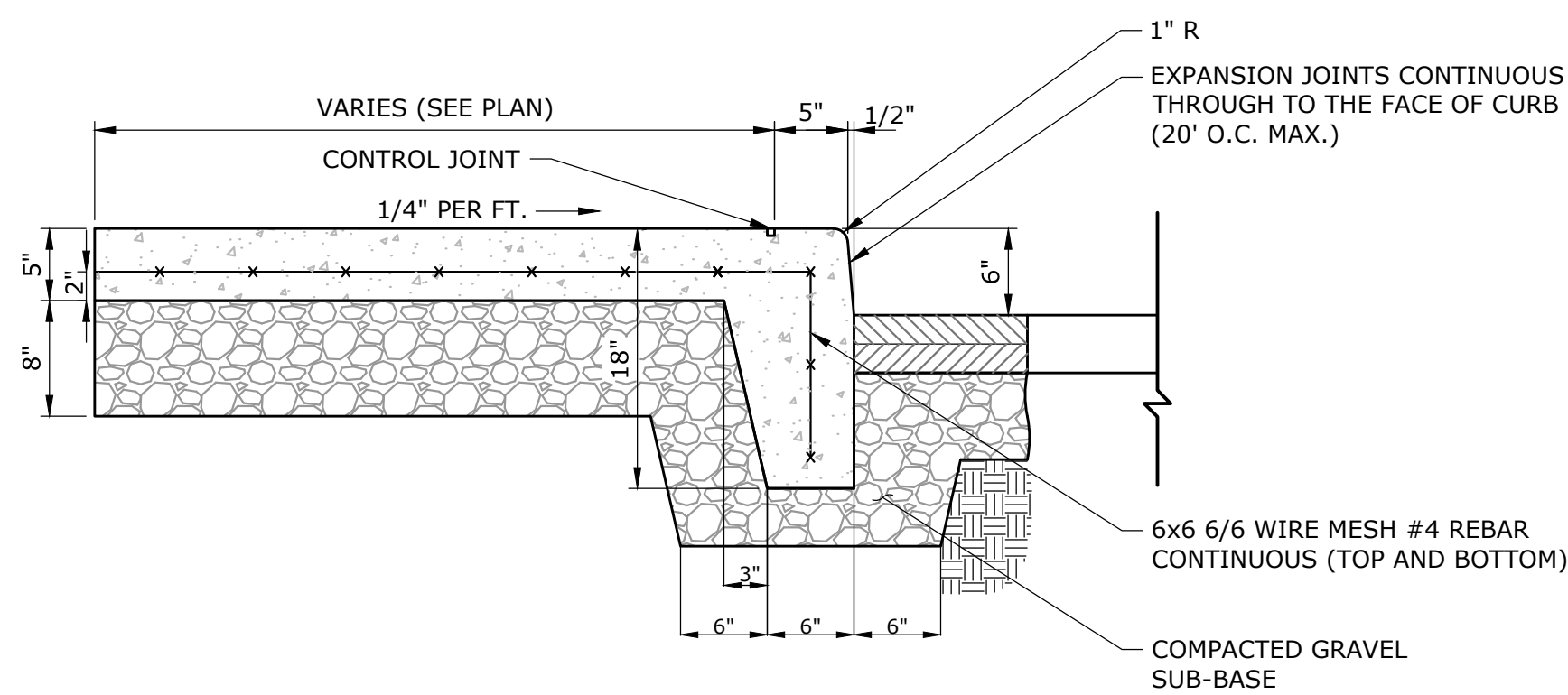
### BITUMINOUS CONCRETE CURB

NOT TO SCALE



### CONSTRUCTION JOINT

NOT TO SCALE

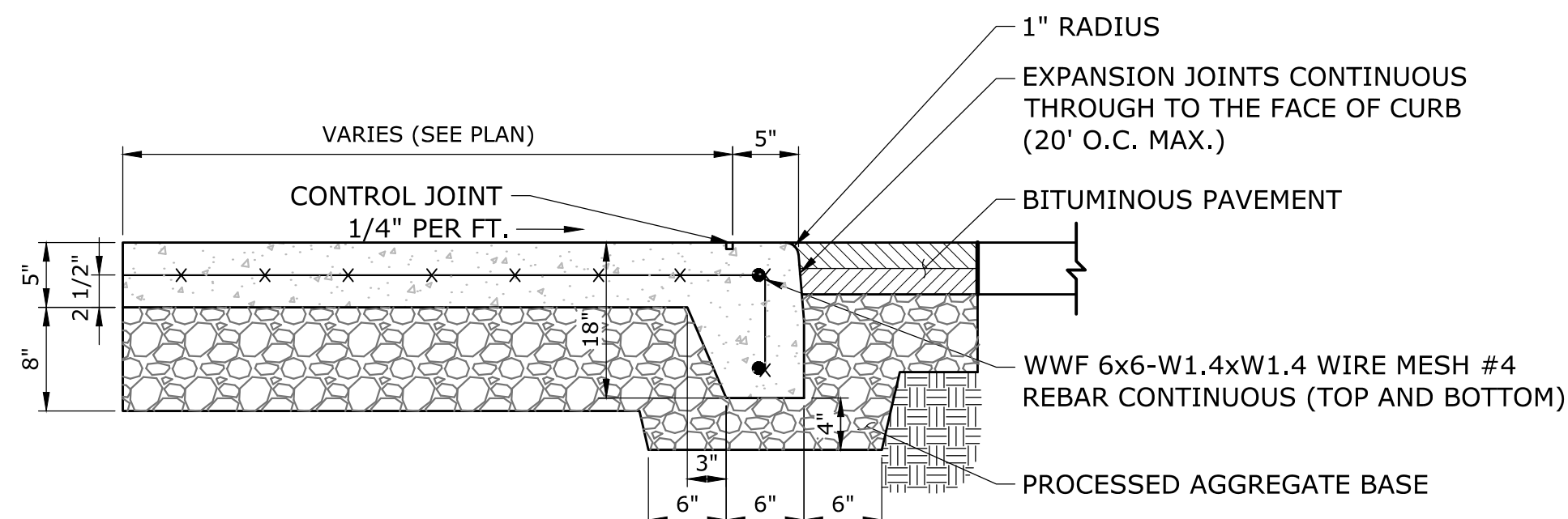


#### NOTES:

1. CONCRETE TO BE 4,000 PSI AT 28 DAYS. 1/2\"/>
2. TO BE USED IN ALL LOCATIONS WHERE PROPOSED CONCRETE WALKS ABUT PROPOSED CONCRETE CURB

### CAST-IN-PLACE INTEGRAL CONCRETE WALK AND CURB

NOT TO SCALE

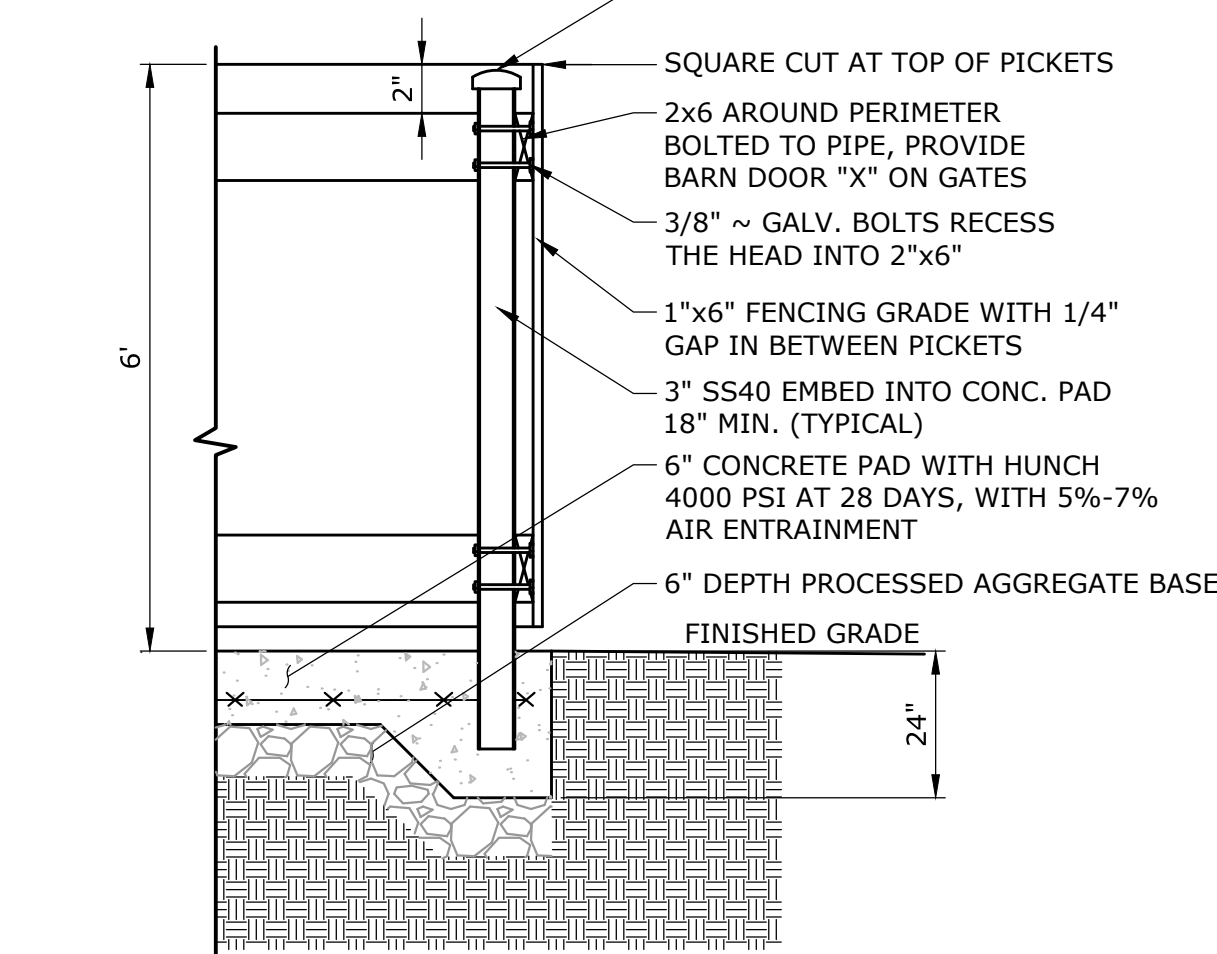
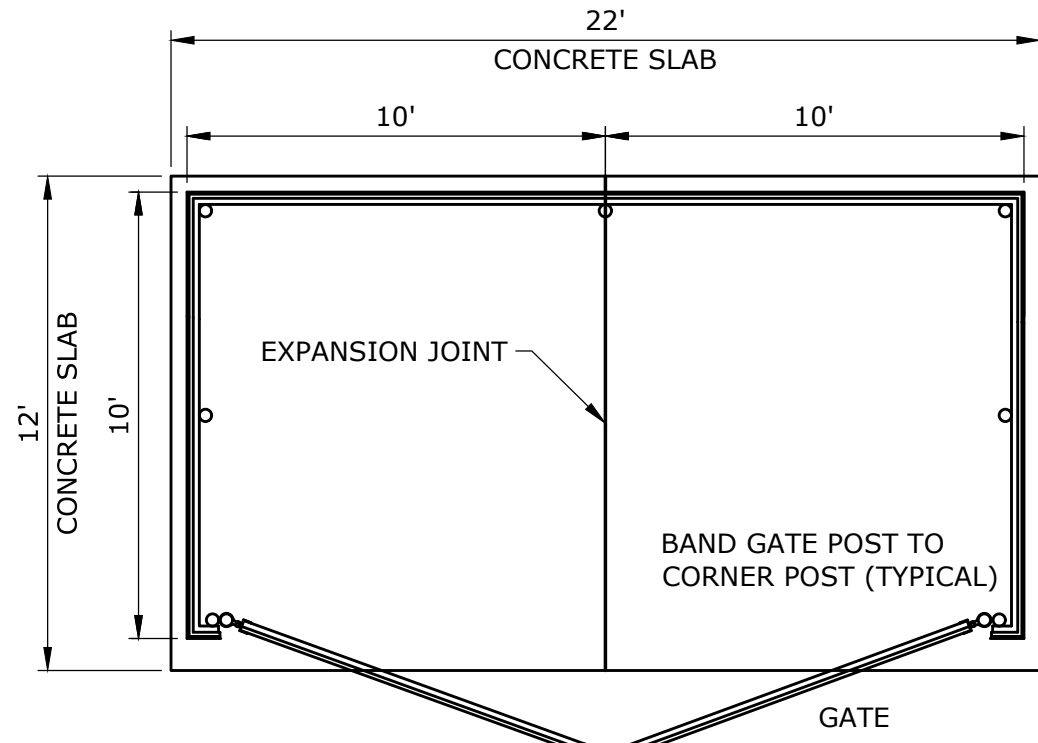


#### NOTES:

1. CONCRETE TO BE CLASS "C" 3,000 PSI AT 28 DAYS. 1/2\"/>
2. TO BE USED IN ALL LOCATIONS AS SHOWN ON PLANS.

### FLUSH INTEGRAL CONCRETE WALK & CURB

NOT TO SCALE



#### NOTES:

1. ALL WOODS TO BE WHITE CEDAR.

### DUMPSTER SCREEN WITH STEEL FRAME

NOT TO SCALE



DESCRIPTION	DATE	BY

#### SITE DETAILS

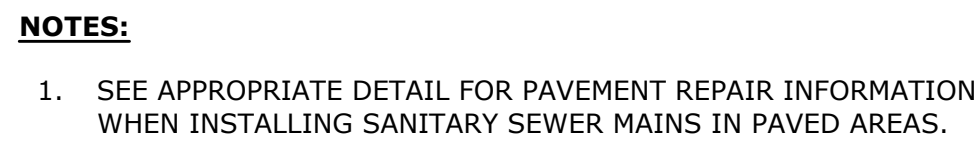
EAST MITCHELL AVE  
RESIDENTIAL DEVELOPMENT  
EAST MITCHELL AVENUE  
CHESHIRE, CONNECTICUT

DESIGNED	DRAWN	CHECKED
NOT TO SCALE		
JULY 14, 2021		
5841-01		
10 OF 14		
SD-2		

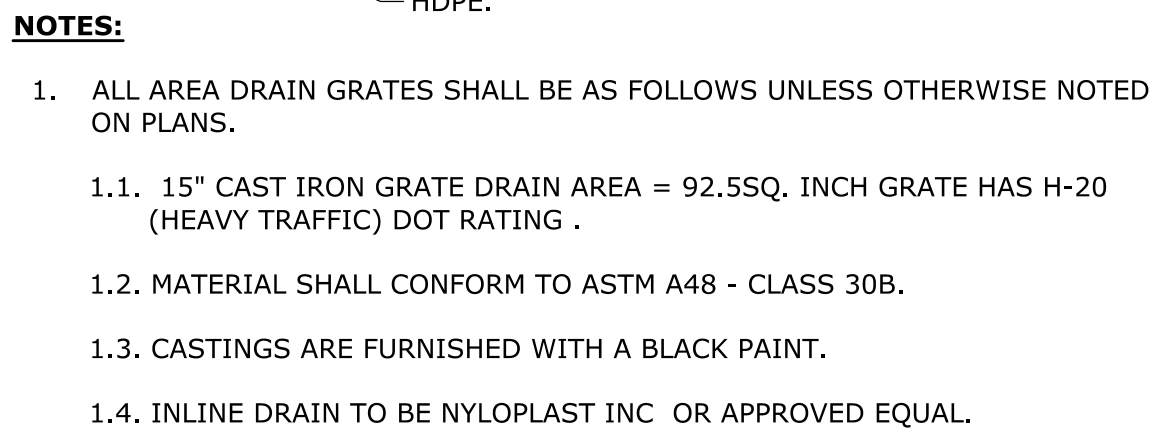




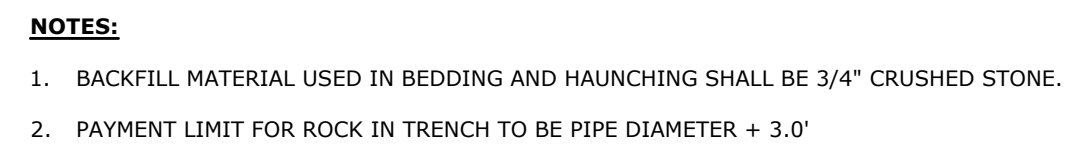




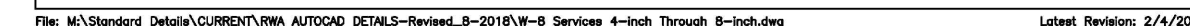
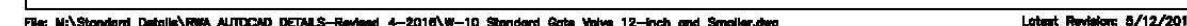
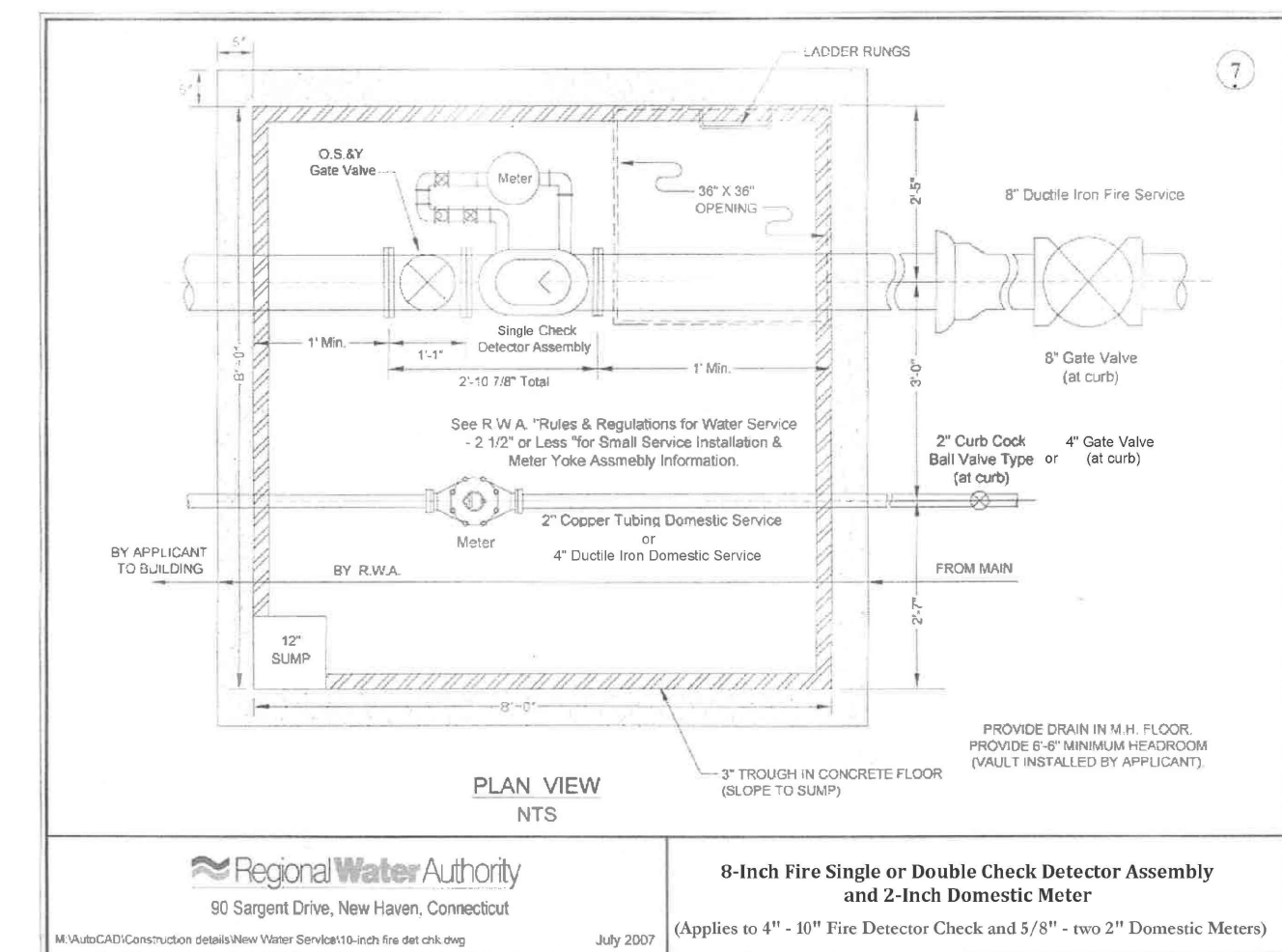
**SANITARY SEWER TRENCH**  
NOT TO SCALE



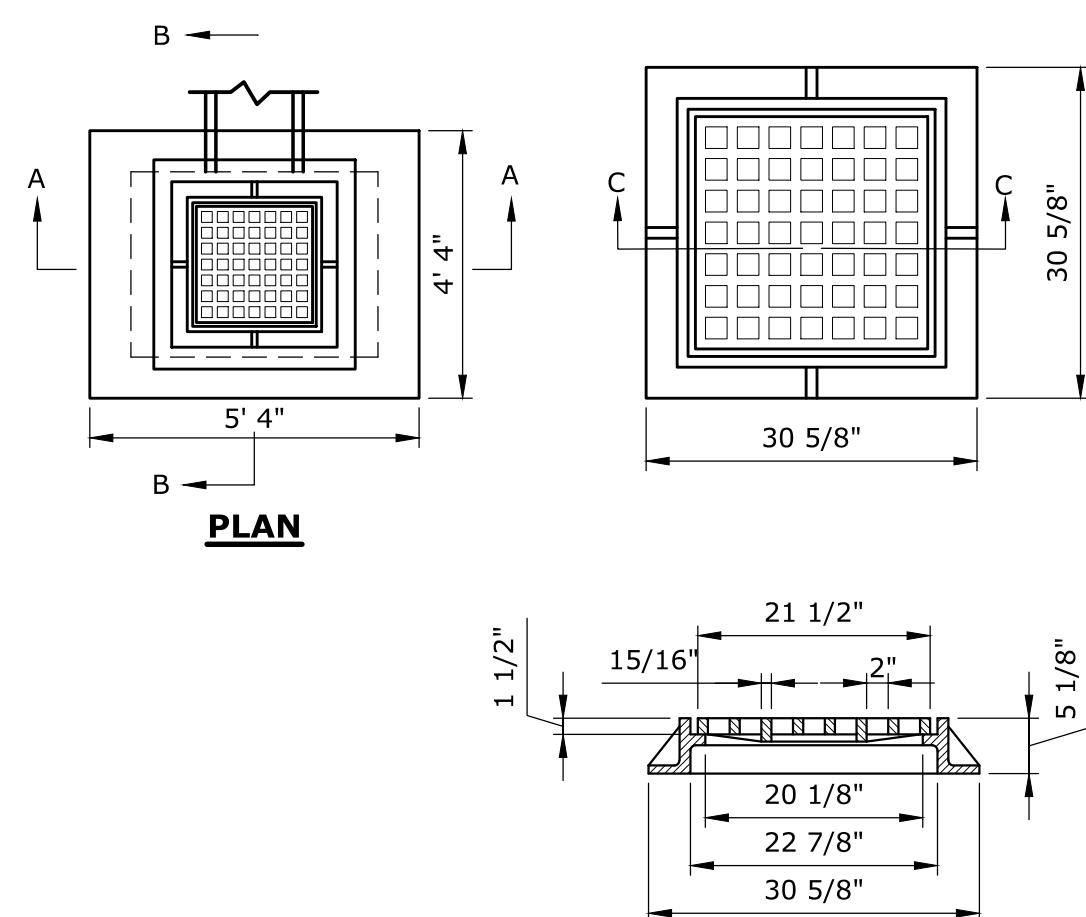
**AREA DRAIN AND GRATE**  
NOT TO SCALE



**STORM DRAINAGE TRENCH**  
NOT TO SCALE







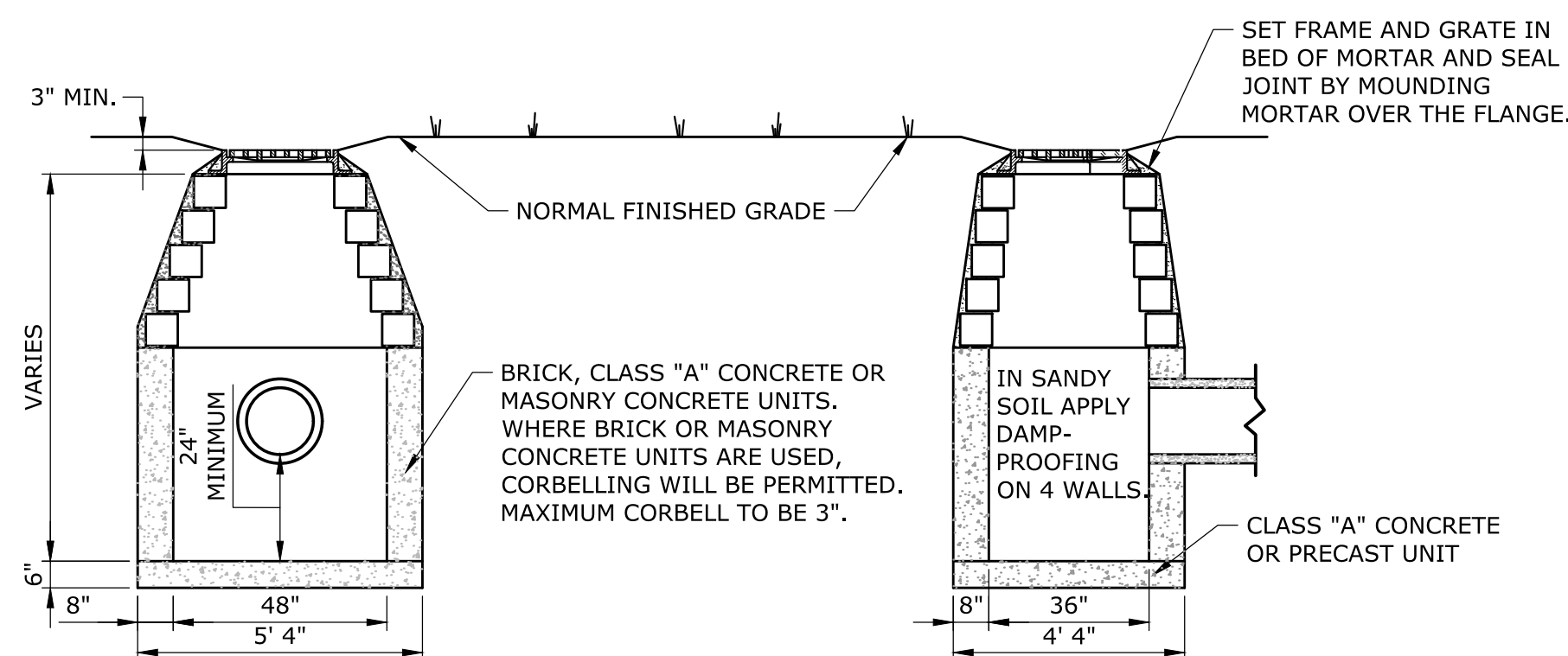
**SECTION C-C**

**NOTES:**

1. YARD DRAIN FRAMES & GRATES SHALL BE PATTERN #R-3404 AS MANUFACTURED BY THE "NEENAH FOUNDRY COMPANY" OF NEENAH, WISCONSIN, OR APPROVED EQUAL.

## YARD DRAIN FRAME & GRATE

NOT TO SCALE



**SECTION A-A**

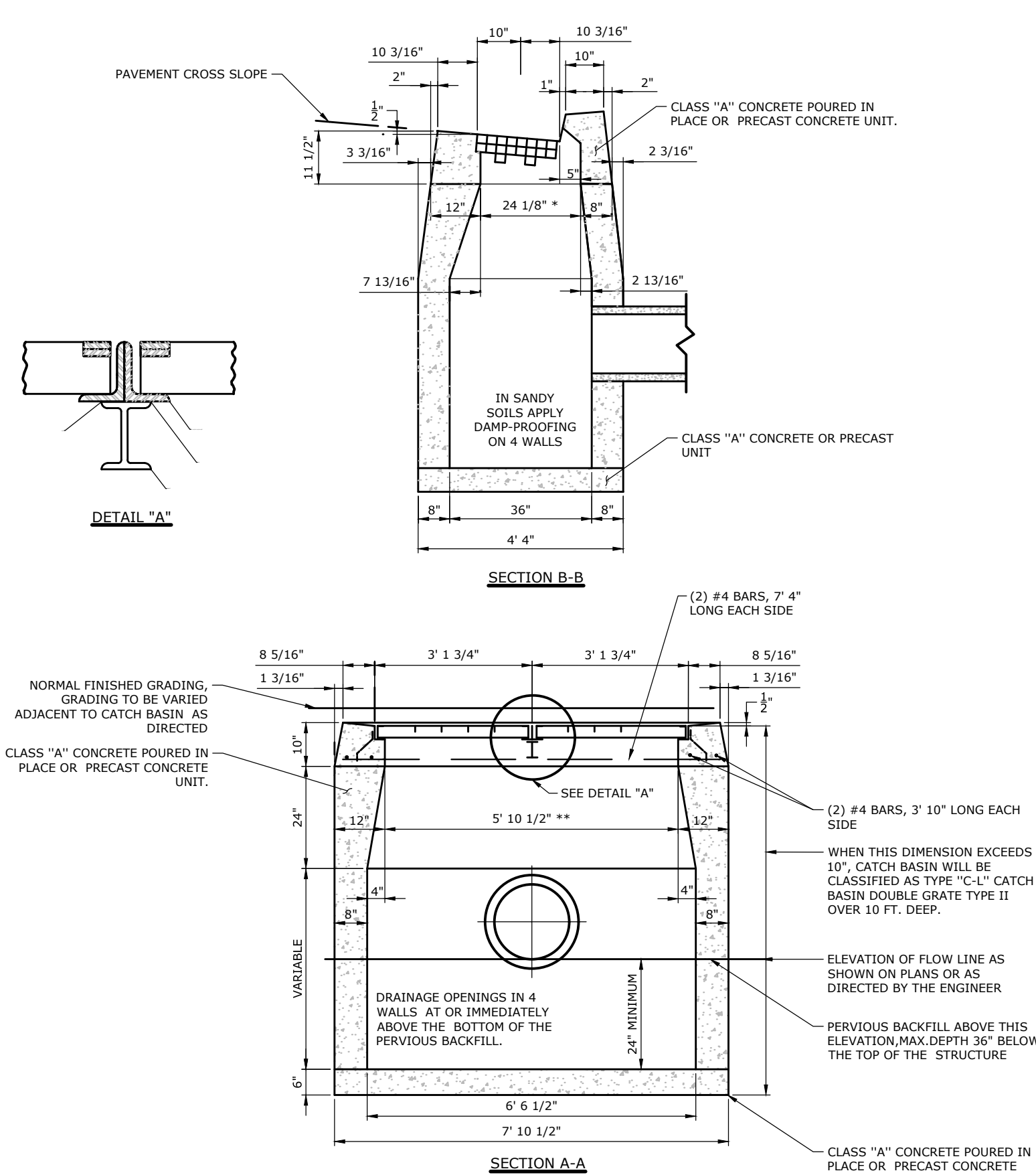
## SECTION B-B

**NOTES:**

1. WHERE PRECAST CONCRETE UNIT IS USED FOR SUMP, THE TOP OF THE UNIT SHALL BE AT LEAST 6" BELOW THE BOTTOM OF THE PIPE OUTLETTING FROM THE CATCH BASIN.

## YARD DRAIN

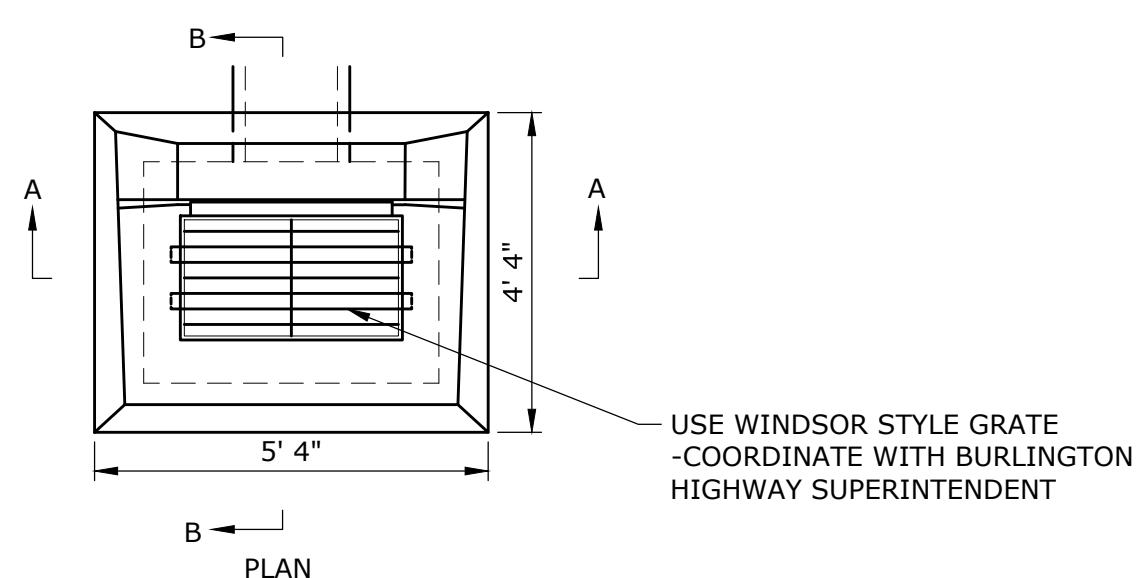
NOT TO SCALE



**TYPE "C" CATCH BASIN  
DOUBLE GRATE - TYPE II**

NOT TO SCALE

- NOTES:**
1. FOR DETAILS OF STEEL FRAME & GRATE SEE STANDARD SHEET NO. 507-K TWO FRAMES & GRATES REQUIRED FOR EACH CATCH BASIN
  2. WALLS OF ALL CATCH BASINS OVER 10 FT. DEEP TO BE INCREASED TO 12" THICKNESS, INSIDE DIMENSIONS TO REMAIN THE SAME.
  3. ALL STEEL, EXCEPT REINFORCING BARS, SHALL BE GALVANIZED IN ACCORDANCE WITH M.06.03.
  4. ALL BARS SHALL HAVE 2" COVER.



## SECTION A-A

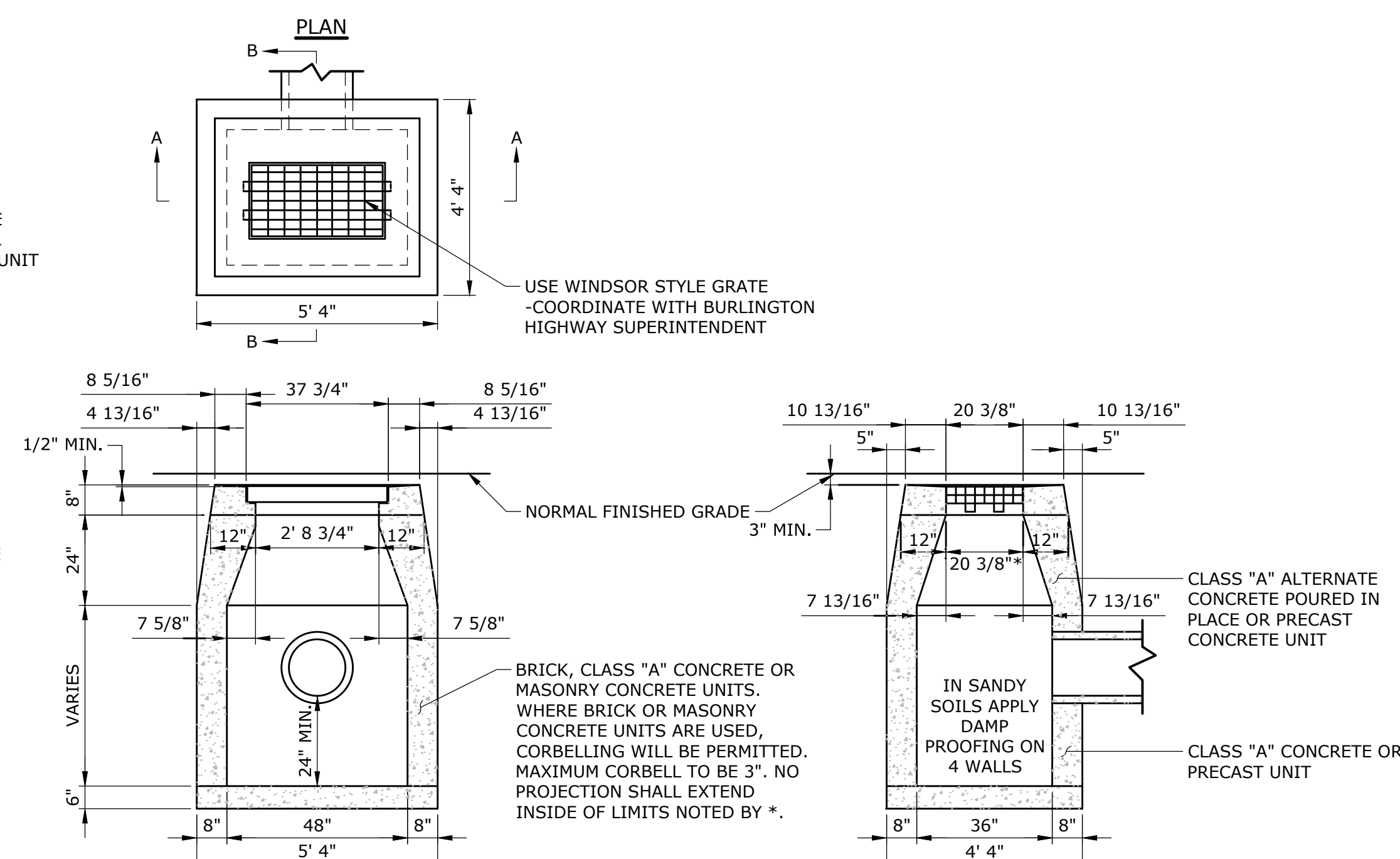
## SECTION B-B

- NOTES:

1. WHEN CATCH BASIN IS SET IN CONCRETE PAVEMENT. THE 1/2" SLOPE ON THE TOP SURFACE SHALL BE CHANGED TO MATCH ADJOINING PAVEMENT.
2. WHERE PRECAST CONCRETE UNIT IS USED FOR SUMP, THE TOP OF THE UNIT SHALL BE AT LEAST 6" BELOW THE BOTTOM OF THE PIPE OUTLET FROM THE CATCH BASIN.

## TYPE "C" CATCH BASIN

NOT TO SCALE




**NOTES:**

SECTION A-A

1. WHERE PRECAST CONCRETE UNIT IS USED FOR SUMP, THE TOP OF THE UNIT SHALL BE AT LEAST 6" BELOW THE BOTTOM OF THE PIPE OUTLETTING FROM THE CATCH BASIN.

### TYPE "C-L" CATCH BASIN

NOT TO SCALE

 <b>SLR</b> 39 BEALY DRIVE CHESHIRE, CT 06610 TEL: 203.261.1100 WWW.SLRCONSULTING.COM			
DESCRIPTION	DATE	BY	
<b>SITE DETAILS</b>			
<b>EAST MITCHELL AVE RESIDENTIAL DEVELOPMENT</b>			
<b>EAST MITCHELL AVENUE CHESHIRE, CONNECTICUT</b>			
DESIGNED	DRAWN	CHECKED	
<b>NOT TO SCALE</b>			
SCALE			
DATE	<b>JULY 14, 2021</b>		
PROJECT NO.	<b>5841-01</b>		
SHEET NO.	<b>13 OF 14</b>		
<b>SD-5</b>			
SHEET NAME			



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