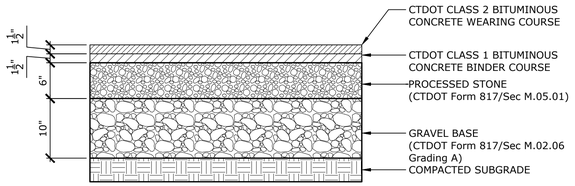
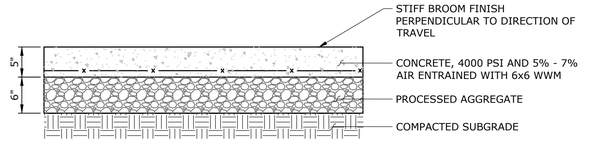


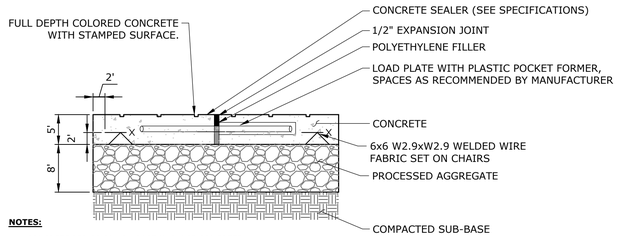
STANDARD DUTY BITUMINOUS CONCRETE & STANDARD BASE

NOT TO SCALE



CONCRETE PAD FOR FIRE TRUCK OUTRIGGERS

NOT TO SCALE

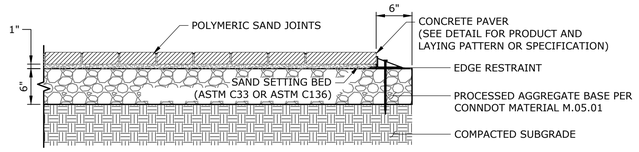


NOTES:

1. CONCRETE PER 32 30 16 - CAST IN PLACE CONCRETE
   1.1. PCC04460
   1.2. 4,400 PSI AT 28 DAYS
   1.3. CEMENT CONTENT OF 658LB MINIMUM
   1.4. AGGREGATE No. 6 (3/4") MAX - PER 2.3.D.2.f
2. WATER TO CEMENT RATIO 0.44
3. EXPANSION JOINTS 20' O.C. MAXIMUM.
4. PROCESSED AGGREGATE BASE IS TO EXTEND 6" PAST LINE OF CONCRETE WALK WHERE WALK DOES NOT ABUT A CURB OR STRUCTURE.
5. BOND BREAKER SHALL BE USED WHEN ABUTTING GRANITE CURB.
6. LOAD PLATES SHALL BE INSTALLED AT ALL EXPANSION JOINTS.

STAMPED & COLORED CONCRETE SIDEWALK

NOT TO SCALE



NOTES:

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

CONCRETE PAVERS ON PROCESSED AGGREGATE

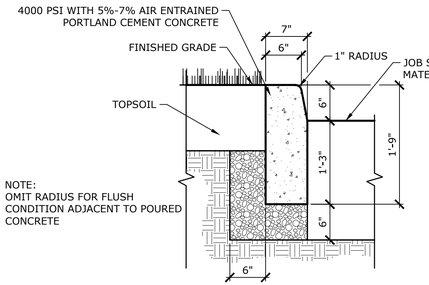
NOT TO SCALE

NOTES:

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

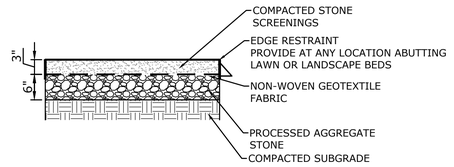
CONCRETE WALK

NOT TO SCALE

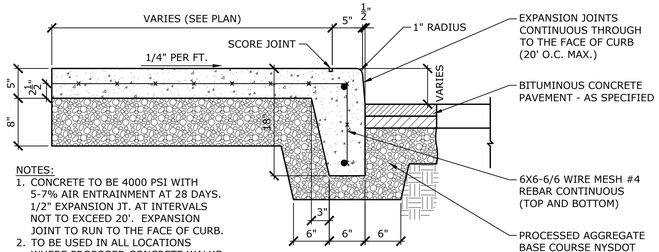


CAST-IN-PLACE CONCRETE CURB

NOT TO SCALE



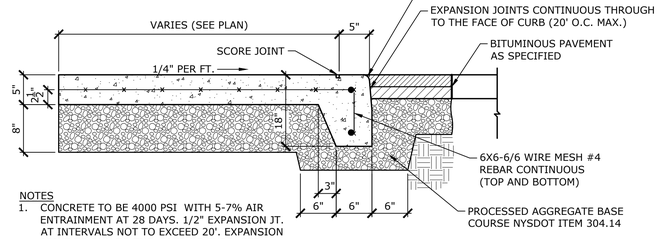
STONEDUST PATHWAY



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

INTEGRAL CONCRETE WALK & CURB WITH REVEAL

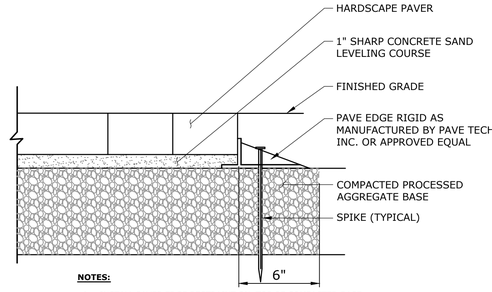
NOT TO SCALE



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

FLUSH INTEGRAL CONCRETE SIDEWALK & CURB

NOT TO SCALE



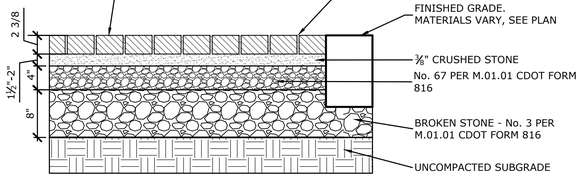
NOTES:

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

PAVER EDGE RESTRAINT

NOT TO SCALE

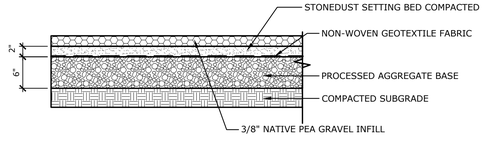
PRECAST CONCRETE UNIT PAVER
STYLE: AQUA-BRIC © PAVER OR APPROVED EQUAL
COLOR: VINEYARD BLEND
PATTERN: HERRINGBONE 45°
MANUFACTURER: IDEAL CONCRETE BLOCK CO., INC. OR APPROVED EQUAL
CONTACT: (800) 444-7287



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

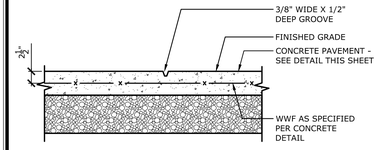
PERMEABLE UNIT PAVER

NOT TO SCALE



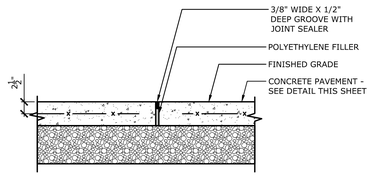
PEA GRAVEL

NOT TO SCALE



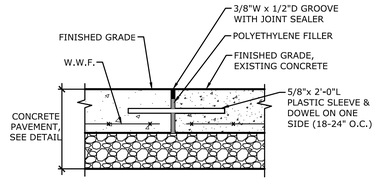
SCORE JOINT

NOT TO SCALE



EXPANSION JOINT

NOT TO SCALE



DOWELLED EXPANSION JOINT

NOT TO SCALE

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

DESCRIPTION	DATE	BY

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

AWG	AWG	TD
DESIGNED	DRAWN	CHECKED

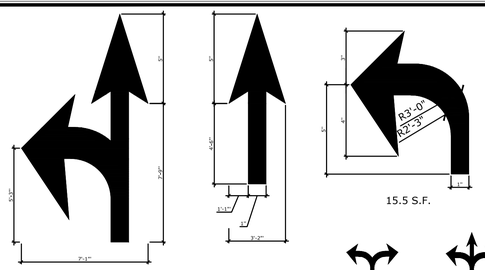
AS NOTED
SCALE

OCTOBER 23, 2023
DATE

21543.00001
PROJECT NO.

11 OF 15
SHEET NO.

SD-1
SHEET NAME



27.0 S.F.
REFER TO ADJACENT VIEWS
FOR DIMENSIONING

15.5 S.F.

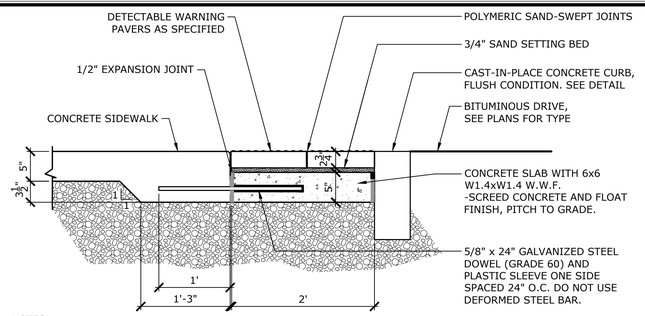
27.0 S.F.
LEFT & RIGHT
ARROW COMBO

38.5 S.F.
3 WAY ARROW
COMBO

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

PAINTED PAVEMENT MARKINGS

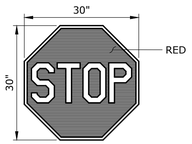
NOT TO SCALE



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

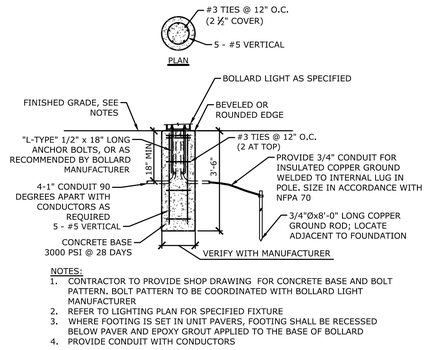
DETECTABLE WARNING PAVERS

NOT TO SCALE



STOP SIGN

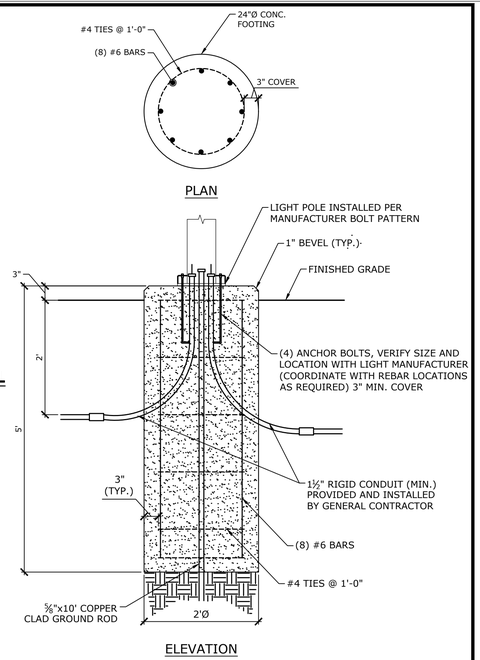
NOT TO SCALE



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

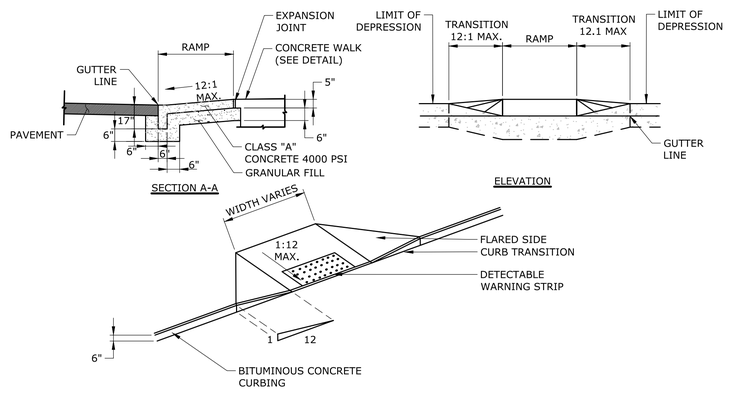
TYPICAL BOLLARD LIGHT FOUNDATION DETAIL

NOT TO SCALE



PEDESTRIAN LIGHT POLE FOUNDATION DETAIL

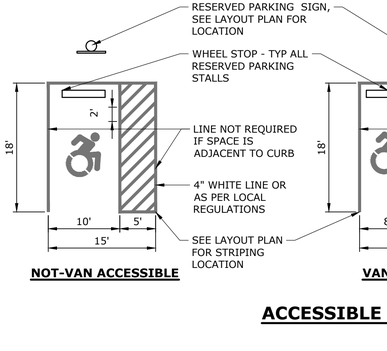
NOT TO SCALE



NOTES:
1. ALL INDICATED SLOPES ARE MAXIMUMS

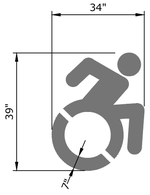
PEDESTRIAN RAMP

NOT TO SCALE



ACCESSIBLE PARKING STALL DETAIL

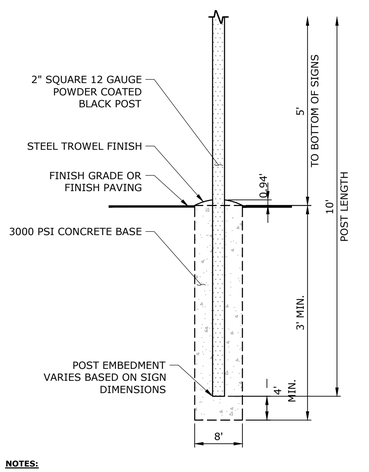
NOT TO SCALE



RESERVED PARKING SPACE MARKING

SIDEWALK RAMP NOTES:

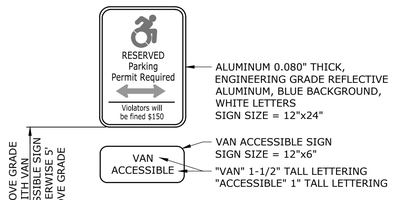
1. MAXIMUM SLOPES OF ADJOINING GUTTERS AND ROAD SURFACES IMMEDIATELY ADJACENT TO THE SIDEWALK RAMP OR ACCESSIBLE ROUTE SHOULD NOT EXCEED 20:1.
2. CARE SHALL BE TAKEN TO ASSURE UNIFORM GRADE ON THE RAMP, FREE OF SAGS AND ABRUPT GRADE CHANGES.
3. ALL RAMPS SHALL BE CONSTRUCTED OF CLASS "C" CONCRETE IN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



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

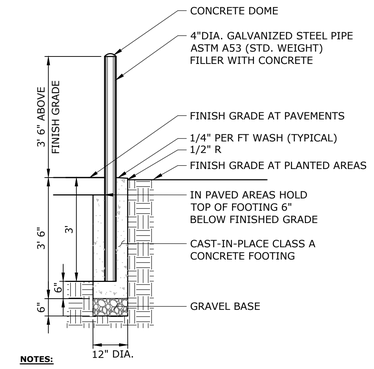
TRAFFIC SIGN POST

NOT TO SCALE



HANDICAPPED PARKING SIGN

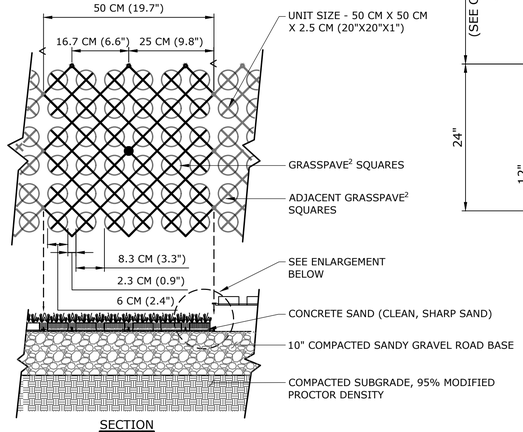
NOT TO SCALE



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

STEEL PIPE BOLLARD 4"DIA.

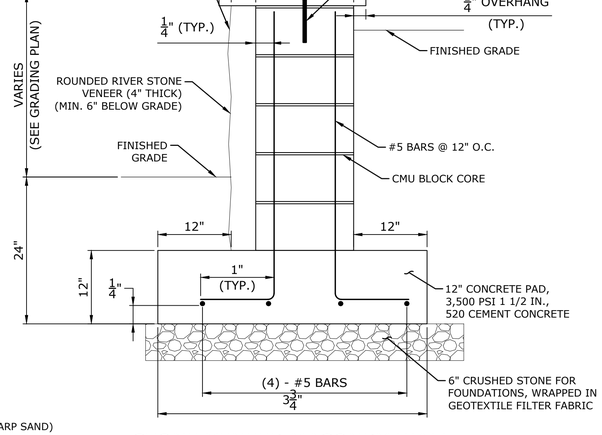
NOT TO SCALE



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

STABILIZED LAWN - GRASS FILLED PLASTIC RING PAVERS

NOT TO SCALE



STONE VENEER MASONRY WALL

SCALE: 1"=1'-0"

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

DESCRIPTION	DATE	BY

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

AWG	AWG	TD
DESIGNED	DRAWN	CHECKED

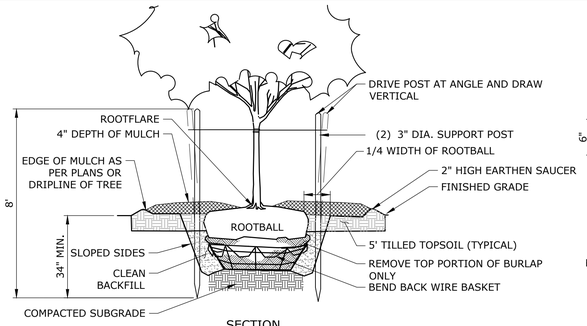
AS NOTED
SCALE

OCTOBER 23, 2023
DATE

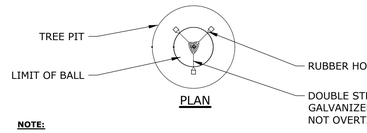
21543.00001
PROJECT NO.

12 OF 15
SHEET NO.

SD-2
SHEET NAME



SECTION



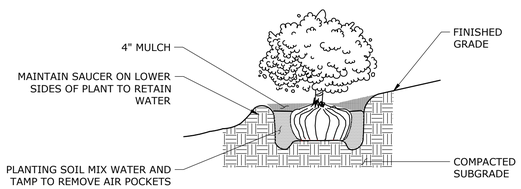
PLAN

NOTE:

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

TREE PLANTING

NOT TO SCALE



NOTES:

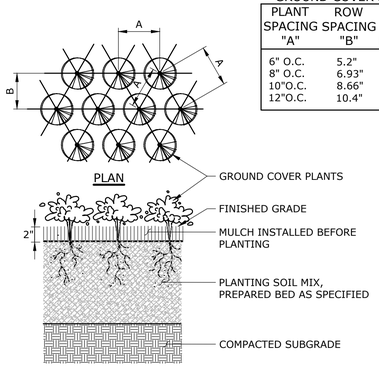
1. UNLESS OTHERWISE DIRECTED SHREDDED MULCH SHALL BE PLACED TO A LIMIT OF ONE FOOT BEYOND THE CENTER OF THE OUTERMOST SHRUBS IN SHRUB BED.

SHRUB PLANTING

NOT TO SCALE

GROUND COVER SPACING TABLE

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



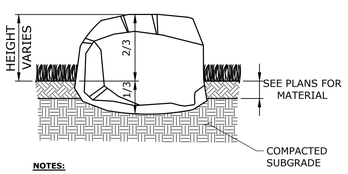
SECTION

NOTES:

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

GROUND COVER/ PERENNIAL PLANTING

NOT TO SCALE

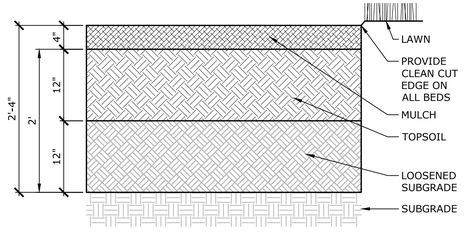


NOTES:

1. ALL LOCATIONS AND ELEVATIONS TO BE APPROVED BY THE ENGINEER.

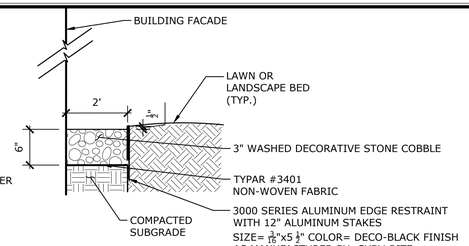
PLACED BOULDER

NOT TO SCALE



PLANTING BED

NOT TO SCALE

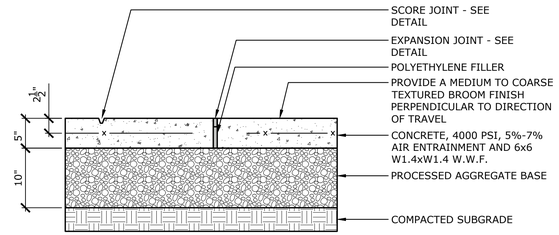


NOTE:

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

STONE MOW STRIP AT BUILDING FOUNDATION

NOT TO SCALE

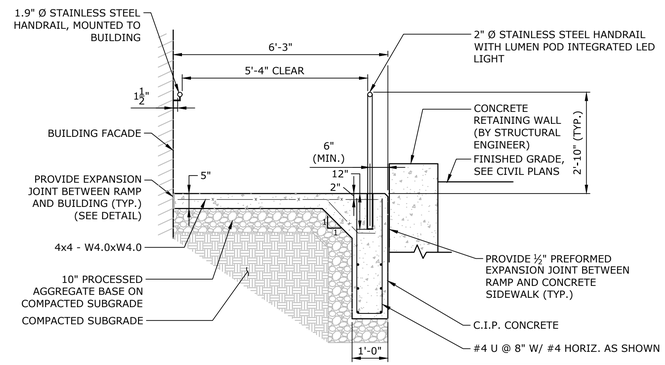


NOTES:

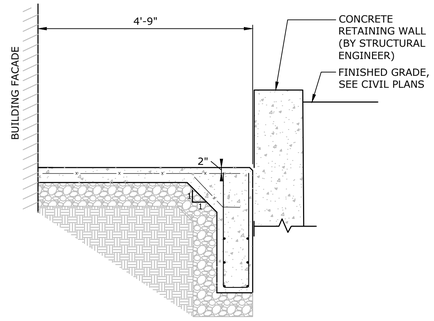
1. EXPANSION JOINTS 24' O.C. MAX. OR AS PER PLAN.
2. SCORE JOINTS 6' O.C. TYP (OR AS SHOWN ON PLANS).
3. PROVIDE PREFORMED EXPANSION JOINT AT ALL CONSTRUCTION JOINTS, WALLS, BUILDINGS, OR WHERE CONCRETE ABUTS EXISTING CONCRETE.
4. PROVIDE COLOR SAMPLES OF EXPANSION JOINT CAULKING TO LANDSCAPE ARCHITECT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

CONCRETE PAVEMENT - RAMP

N.T.S.



SECTION A-A[1]



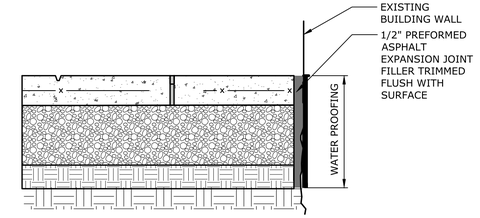
SECTION B-B[1]

NOTES:

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

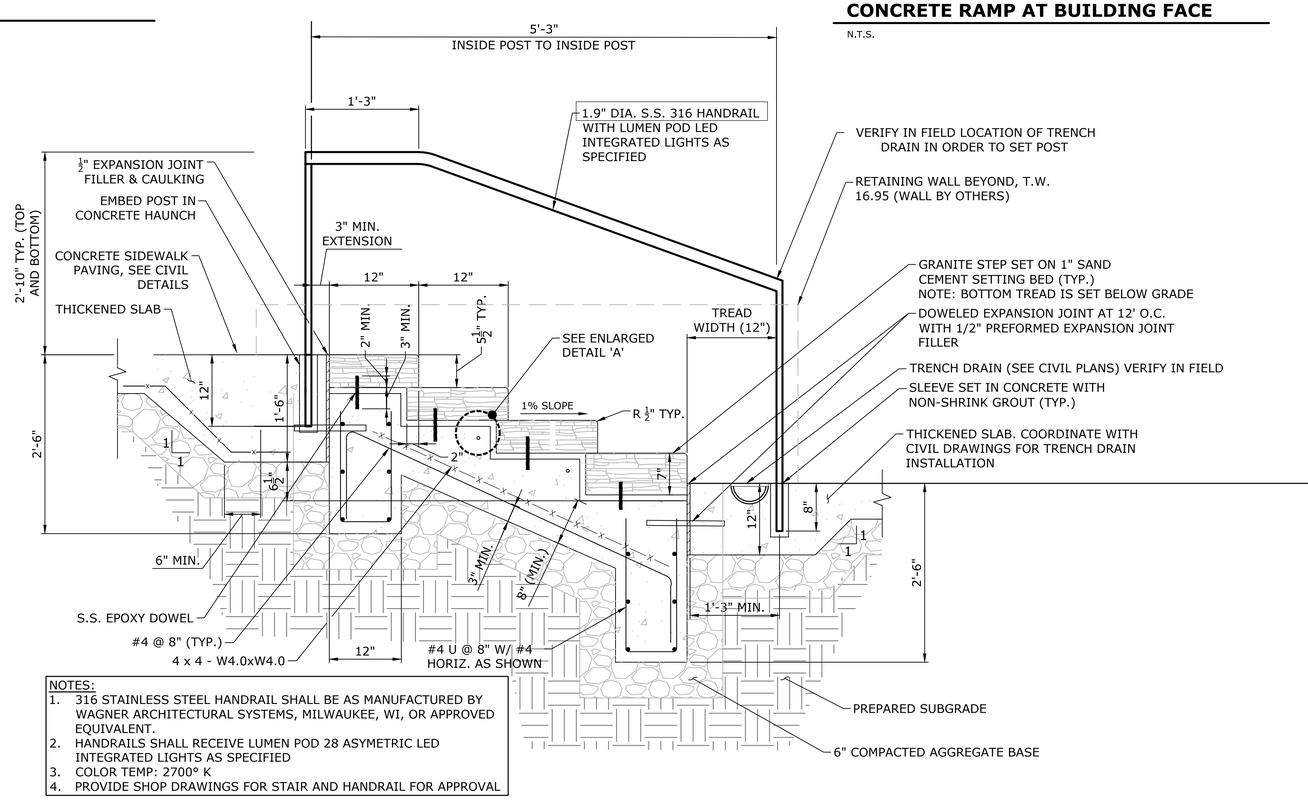
ACCESSIBLE RAMP SECTION

1/2" = 1'-0"



CONCRETE RAMP AT BUILDING FACE

N.T.S.



NOTES:

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

CONCRETE STAIR WITH HANDRAIL AND GRANITE TREAD

SCALE 1" = 1'-0"

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

DESCRIPTION	DATE	BY

SITE DETAILS

PROPOSED MULTI-FAMILY DEVELOPMENT

131 DANBURY ROAD
WILTON, CONNECTICUT

AWG	AWG	TD
DESIGNED	DRAWN	CHECKED

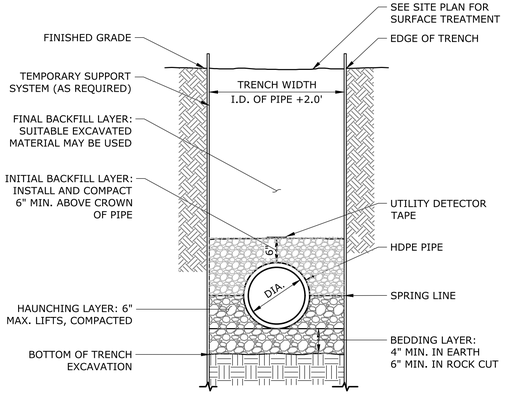
AS NOTED (SCALE)

OCTOBER 23, 2023 (DATE)

21543.00001 (PROJECT NO.)

13 OF 15 (SHEET NO.)

SD-3 (SHEET NAME)

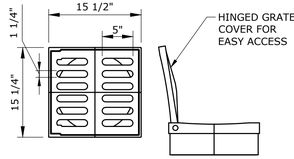


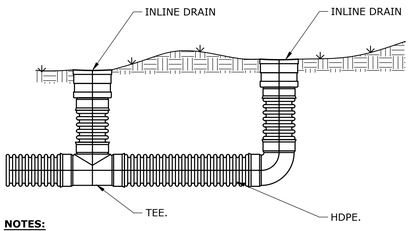
NOTES:

1. BACKFILL MATERIAL USED IN BEDDING, HAUNCHING, AND INITIAL BACKFILL LAYERS SHALL BE 3/4" CRUSHED STONE.
2. PAYMENT LIMIT FOR ROCK IN TRENCH TO BE PIPE DIAMETER + 3.0'

STORM DRAINAGE TRENCH

NOT TO SCALE





NOTES:

1. ALL AREA DRAIN GRATES SHALL BE AS FOLLOWS UNLESS OTHERWISE NOTED ON PLANS.

   1.1. 15" CAST IRON GRATE DRAIN AREA = 92.5SQ. INCH GRATE HAS H-20 (HEAVY TRAFFIC) DOT RATING .

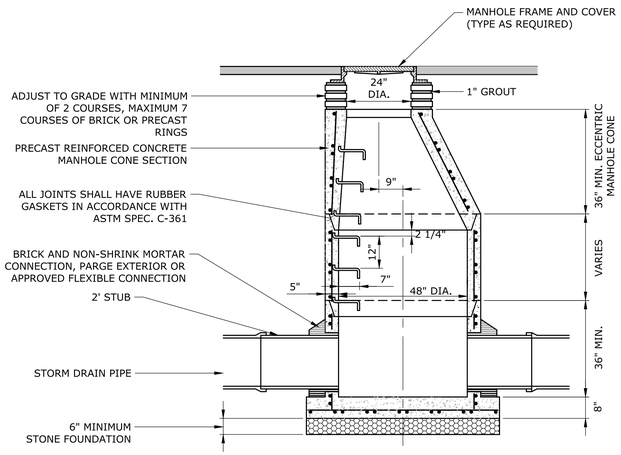
   1.2. MATERIAL SHALL CONFORM TO ASTM A48 - CLASS 30B.

   1.3. CASTINGS ARE FURNISHED WITH A BLACK PAINT.

   1.4. INLINE DRAIN TO BE NYLOPLAST INC OR APPROVED EQUAL.

AREA DRAIN AND GRATE

NOT TO SCALE

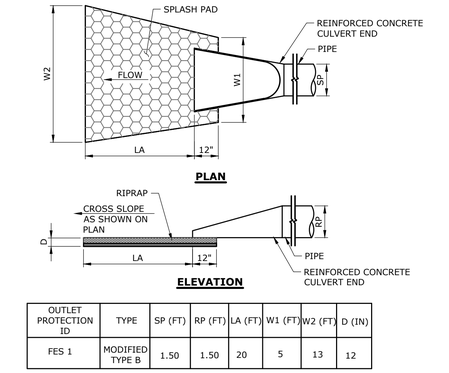


NOTES:

1. 5' OR 6' DIAMETER PRECAST BASES MAY BE REQUIRED DUE TO SIZE OR NUMBER OF PIPES AT THE MANHOLE. PRECAST REDUCERS WILL BE PLACED ABOVE THE 5' OR 6' BASES AS DIRECTED BY THE ENGINEER. WALL THICKNESS TO INCREASE BY 1" FOR EACH 1'-0" OF INSIDE DIAMETER.

PRECAST CONCRETE STORM DRAINAGE MANHOLE

NOT TO SCALE



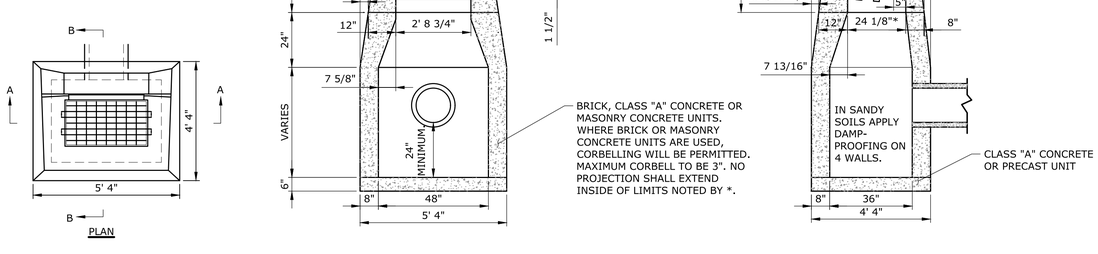
PLAN

ELEVATION

OUTLET PROTECTION ID	TYPE	SP (FT)	RP (FT)	LA (FT)	W1 (FT)	W2 (FT)	D (IN)
FES 1	MODIFIED TYPE B	1.50	1.50	20	5	13	12

FLARED END WITH RIP RAP SPLASH PAD

NOT TO SCALE

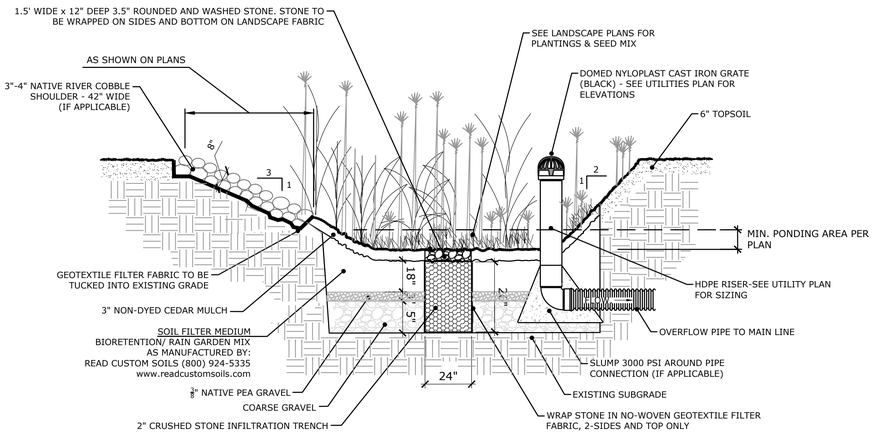


NOTES:

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

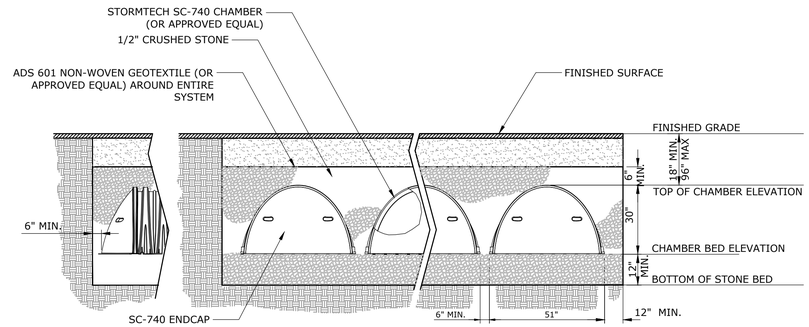


NOTES:

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

RAIN GARDEN AND FILTER STRIP

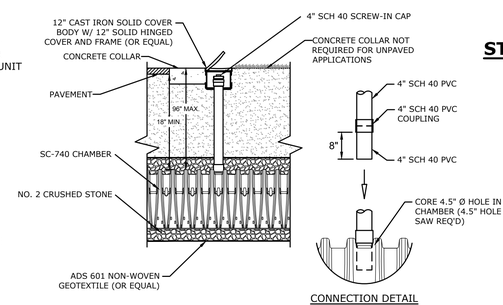
NOT TO SCALE



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

STORMTECH SC-740 TYPICAL CROSS SECTION DETAIL

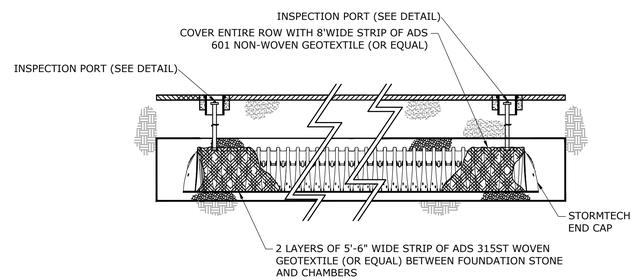
NOT TO SCALE



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

STORMTECH SC-740 TYPICAL INSPECTION PORT DETAIL

NOT TO SCALE



STORMTECH SC-740 ISOLATOR ROW DETAIL

NOT TO SCALE

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

DESCRIPTION	DATE	BY

SITE DETAILS

PROPOSED MULTI-FAMILY DEVELOPMENT

131 DANBURY ROAD
WILTON, CONNECTICUT

AWG	AWG	TD
DESIGNED	DRAWN	CHECKED

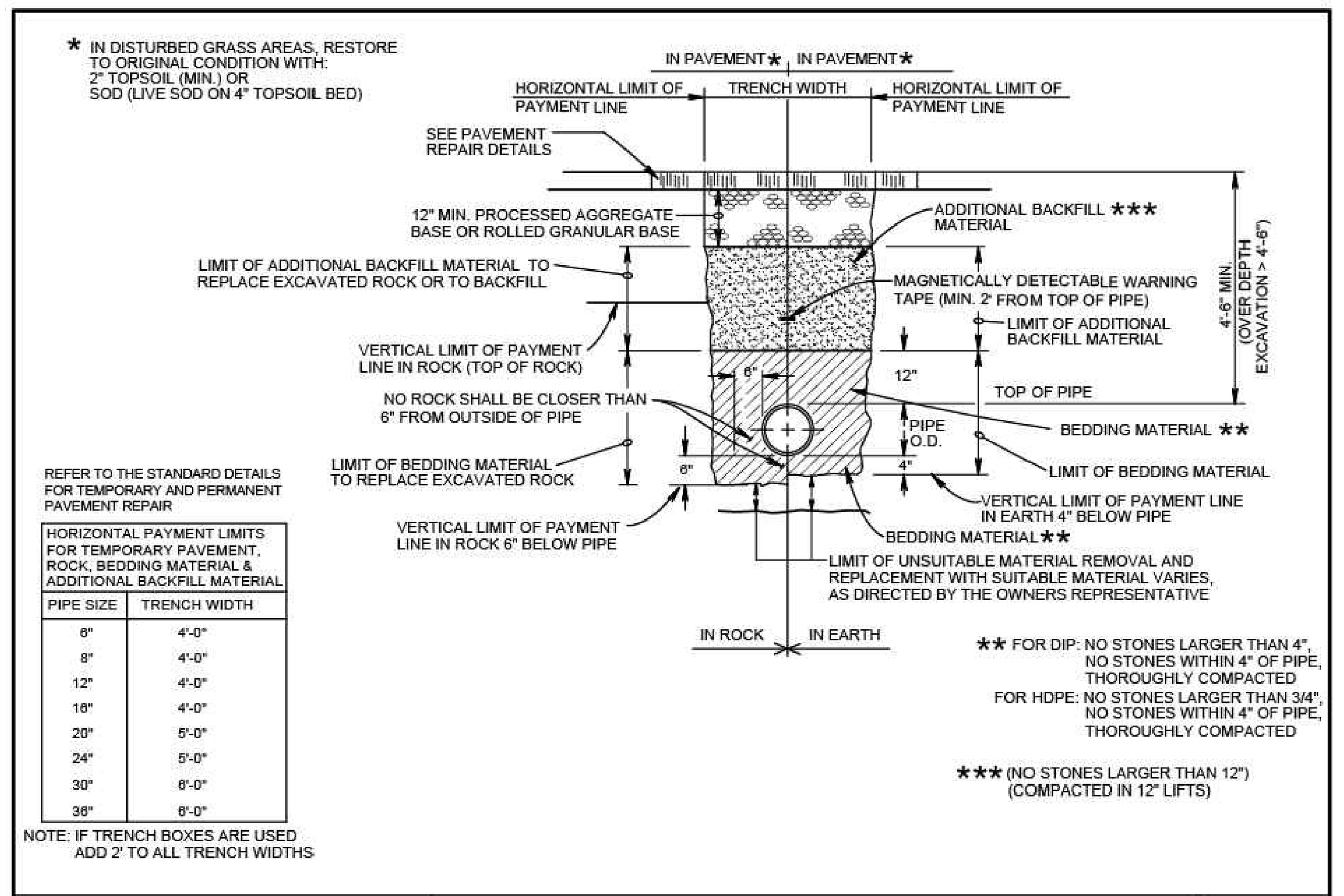
AS NOTED
SCALE

OCTOBER 23, 2023
DATE

21543.00001
PROJECT NO.

14 OF 15
SHEET NO.

SD-4
SHEET NAME



HORIZONTAL PAYMENT LIMITS FOR TEMPORARY PAVEMENT, ROCK, BEDDING MATERIAL & ADDITIONAL BACKFILL MATERIAL	
PIPE SIZE	TRENCH WIDTH
6"	4'-0"
8"	4'-0"
12"	4'-0"
16"	4'-0"
20"	5'-0"
24"	5'-0"
30"	6'-0"
36"	6'-0"

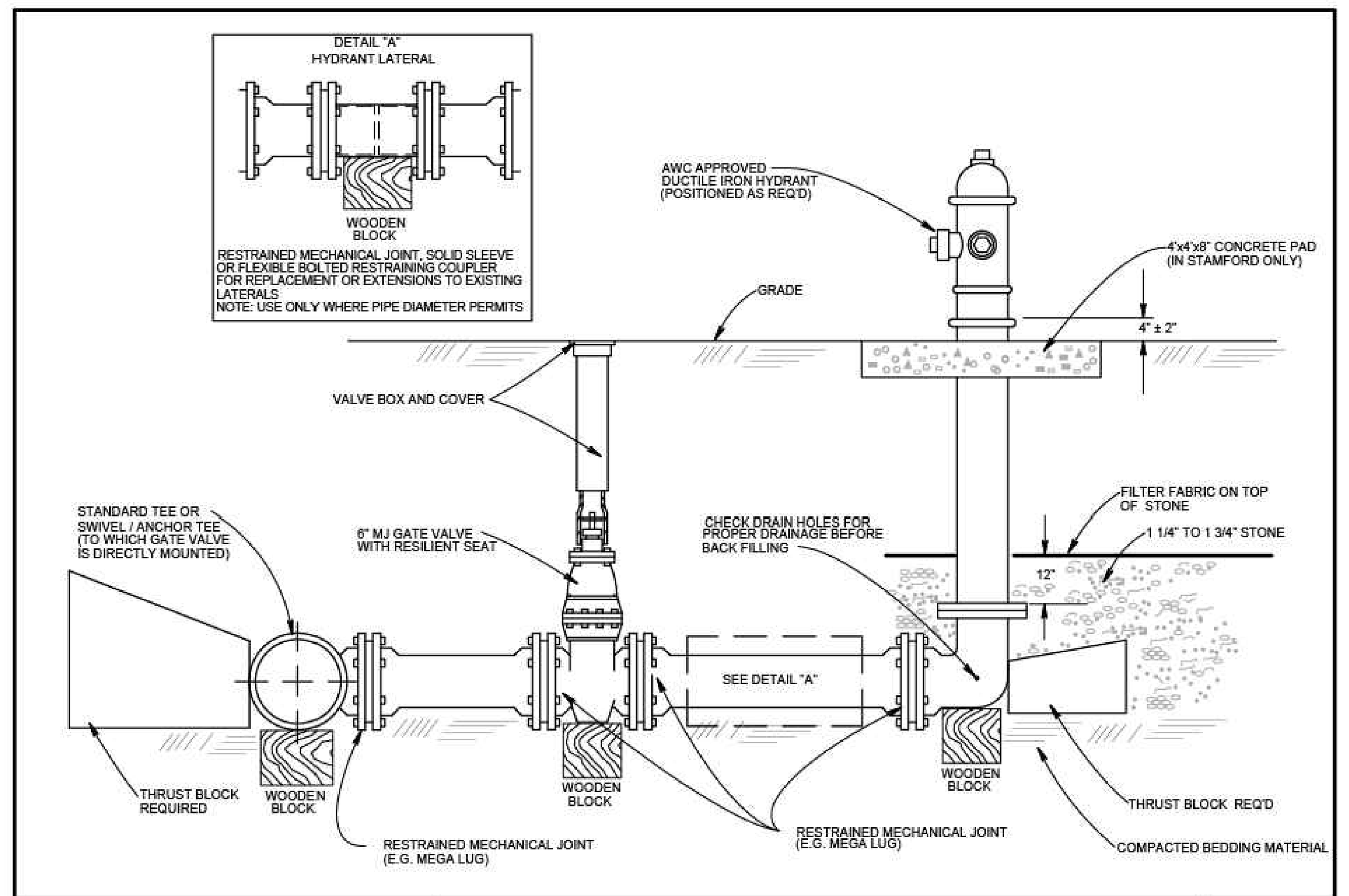
NOTE: IF TRENCH BOXES ARE USED ADD 2' TO ALL TRENCH WIDTHS

AQUARION Water Company — Stewards of the Environment

TYPICAL TRENCH DETAIL

NOT TO SCALE

SD-1

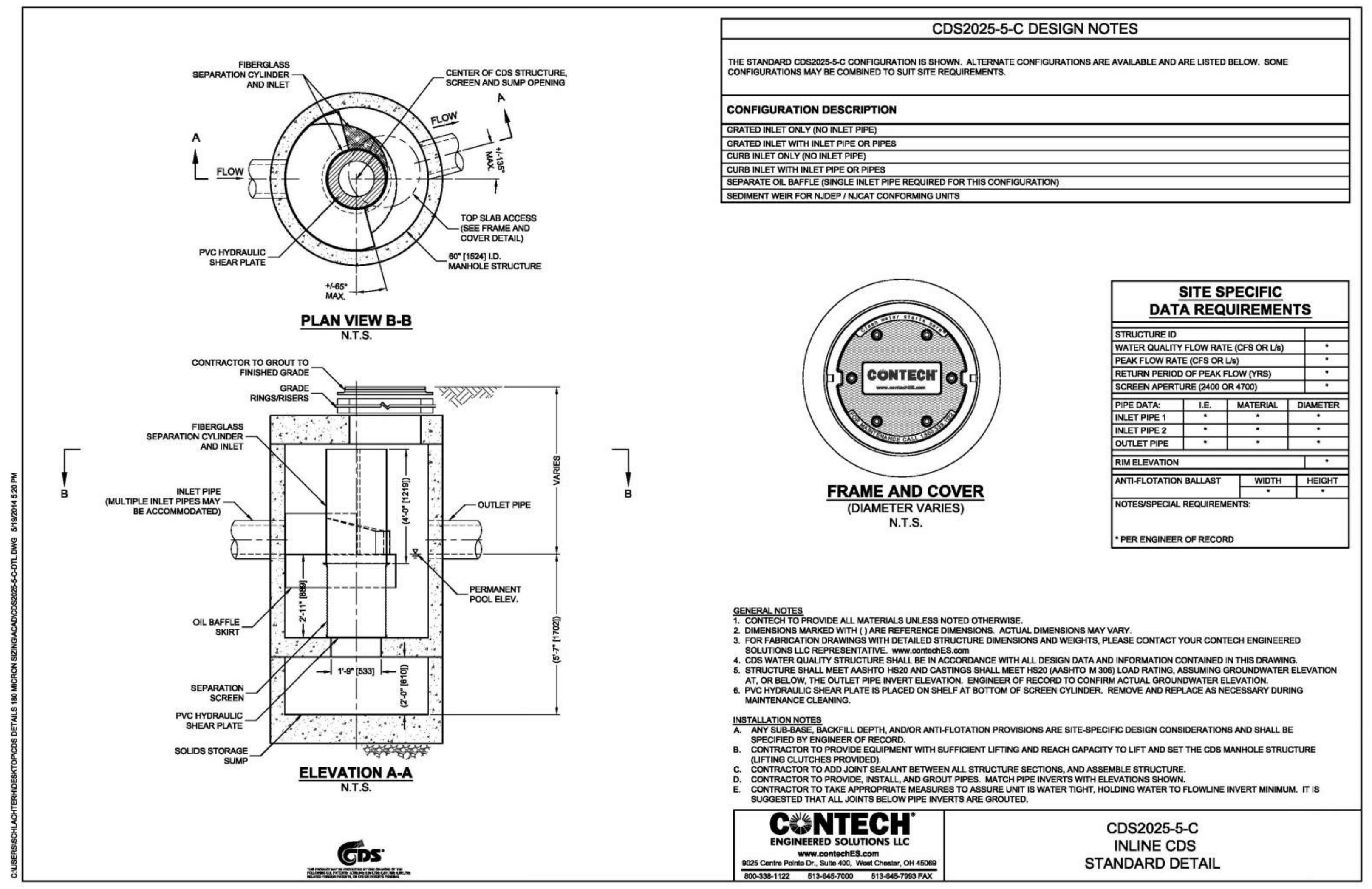


AQUARION Water Company — Stewards of the Environment

HYDRANT ASSEMBLY (DIP)

NOT TO SCALE

SD-8



CDS2025-5-C DESIGN NOTES

THE STANDARD CDS2025-5-C CONFIGURATION IS SHOWN. ALTERNATE CONFIGURATIONS ARE AVAILABLE AND ARE LISTED BELOW. SOME CONFIGURATIONS MAY BE COMBINED TO SUIT SITE REQUIREMENTS.

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

SITE SPECIFIC DATA REQUIREMENTS

STRUCTURE ID			
WATER QUALITY FLOW RATE (CFS OR L/s)			*
PEAK FLOW RATE (CFS OR L/s)			*
RETURN PERIOD OF PEAK FLOW (YRS)			*
SCREEN APERTURE (2400 OR 4700)			*
PIPE DATA:	I.E.	MATERIAL	DIAMETER
INLET PIPE 1	*	*	*
INLET PIPE 2	*	*	*
OUTLET PIPE	*	*	*
RIM ELEVATION			*
ANTI-FLOTATION BALLAST		WIDTH	HEIGHT
		*	*
NOTES/SPECIAL REQUIREMENTS:			

* PER ENGINEER OF RECORD

GENERAL NOTES

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

INSTALLATION NOTES

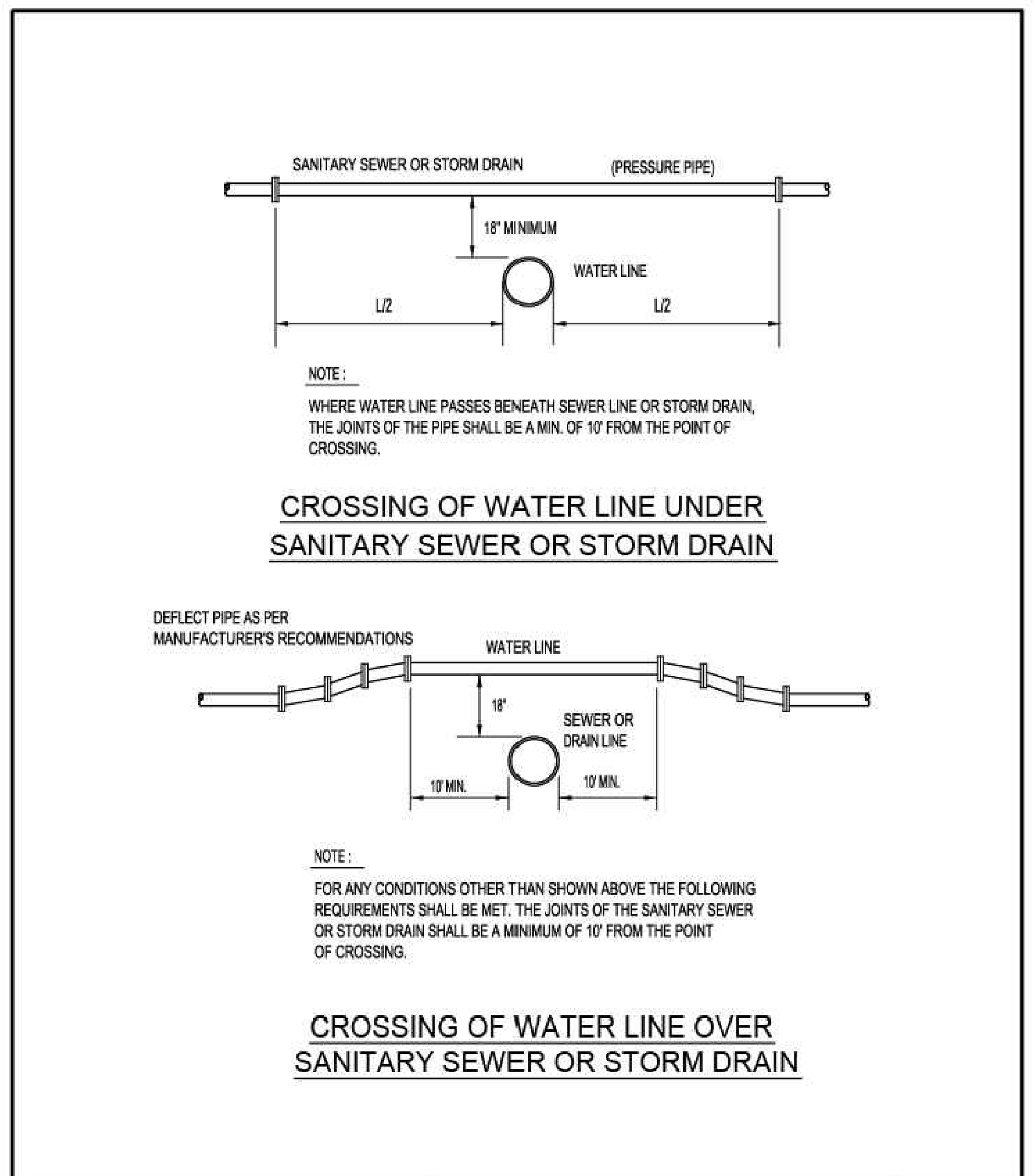
A. ANY SUB-BASE, BACKFILL DEPTH, AND/OR ANTI-FLOTATION PROVISIONS ARE SITE-SPECIFIC DESIGN CONSIDERATIONS AND SHALL BE SPECIFIED BY ENGINEER OF RECORD.
B. CONTRACTOR TO PROVIDE EQUIPMENT WITH SUFFICIENT LIFTING AND REACH CAPACITY TO LIFT AND SET THE CDS MANHOLE STRUCTURE (LIFTING CLUTCHES PROVIDED).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

CONTECH ENGINEERED SOLUTIONS LLC
www.contechES.com
9025 Centre Pointe Dr., Suite 400, West Chester, OH 45069
800-338-1122 513-645-7000 513-645-7993 FAX

CDS2025-5-C
INLINE CDS
STANDARD DETAIL

CONTECHCDS 2025-5-C OR APPROVED EQUAL

NOT TO SCALE

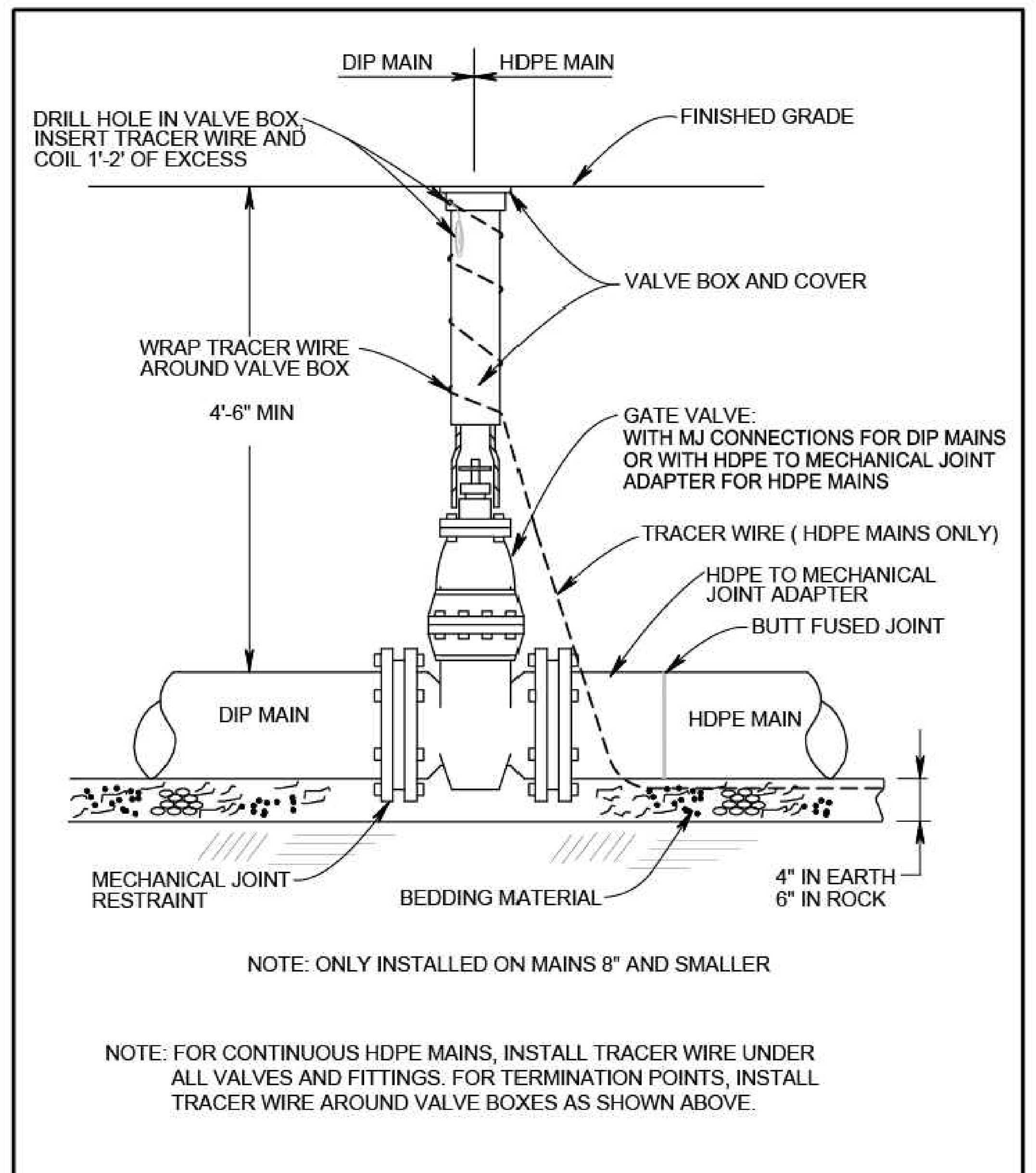


AQUARION Water Company — Stewards of the Environment

PIPE INSTALLATION
CROSSING SANITARY/STORM SEWER

NOT TO SCALE

SD-18



NOTE: ONLY INSTALLED ON MAINS 8" AND SMALLER

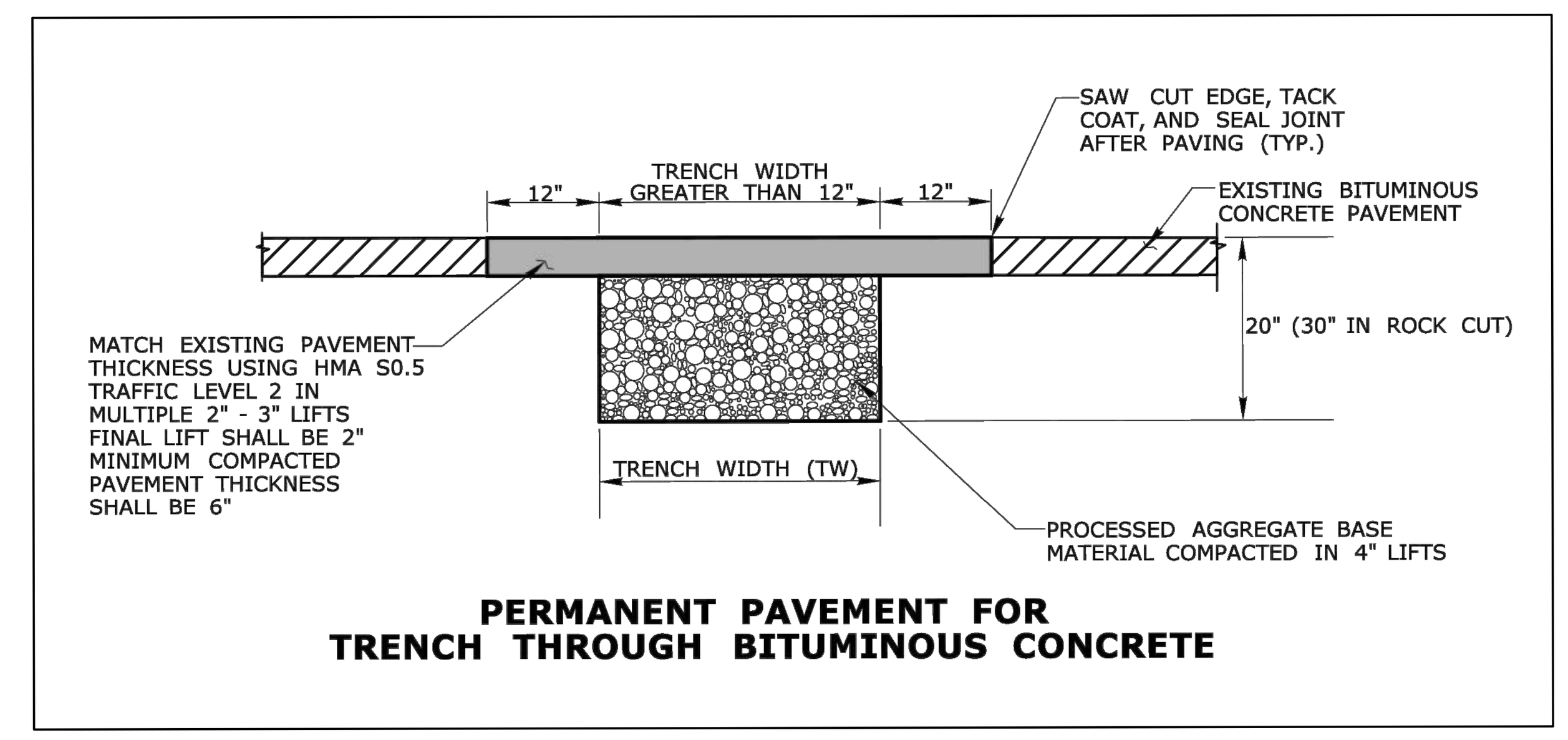
NOTE: FOR CONTINUOUS HDPE MAINS, INSTALL TRACER WIRE UNDER ALL VALVES AND FITTINGS. FOR TERMINATION POINTS, INSTALL TRACER WIRE AROUND VALVE BOXES AS SHOWN ABOVE.

AQUARION Water Company — Stewards of the Environment

GATE VALVE

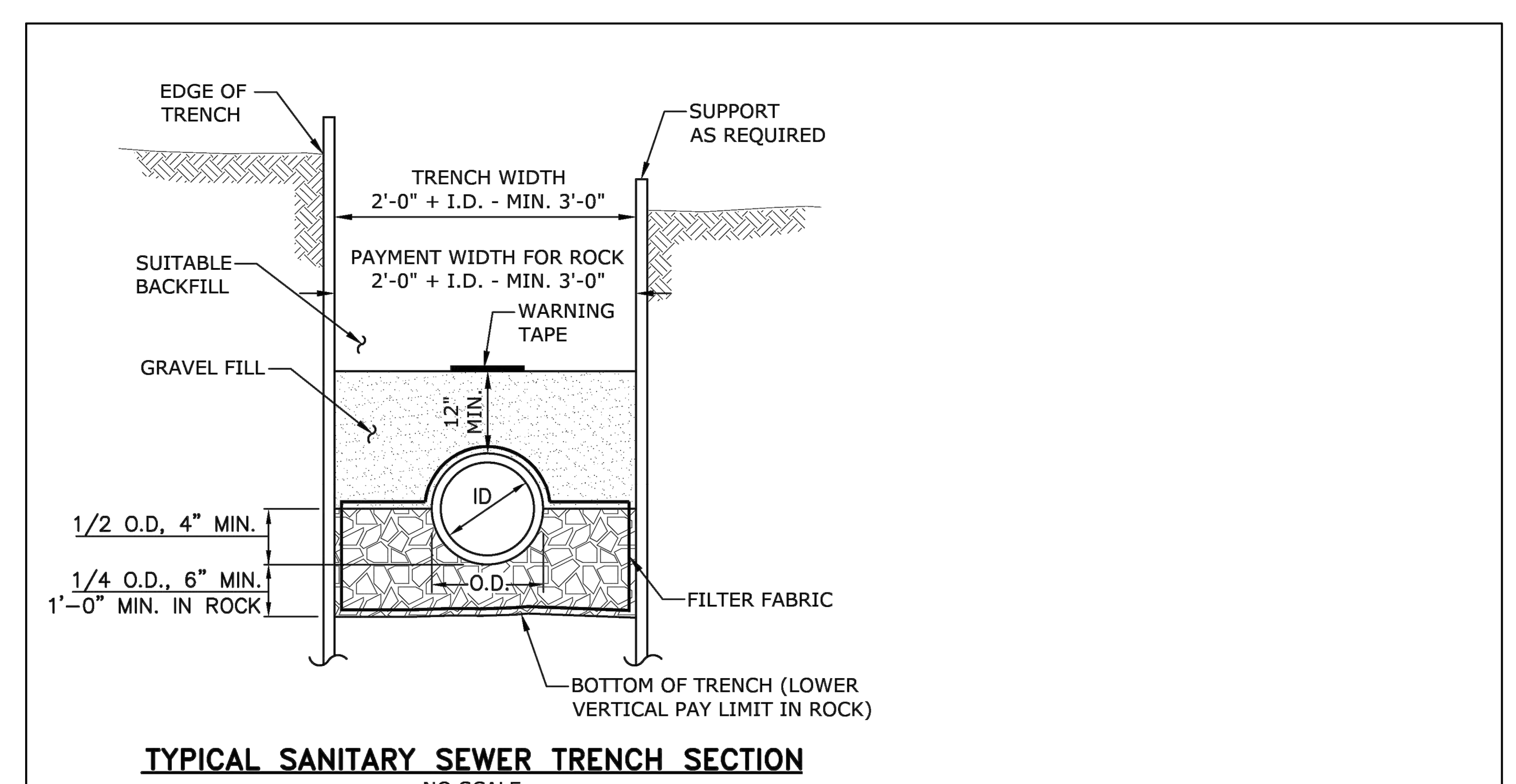
NOT TO SCALE

SD-2



CTDOT TRENCH REPAIR DETAIL

NOT TO SCALE



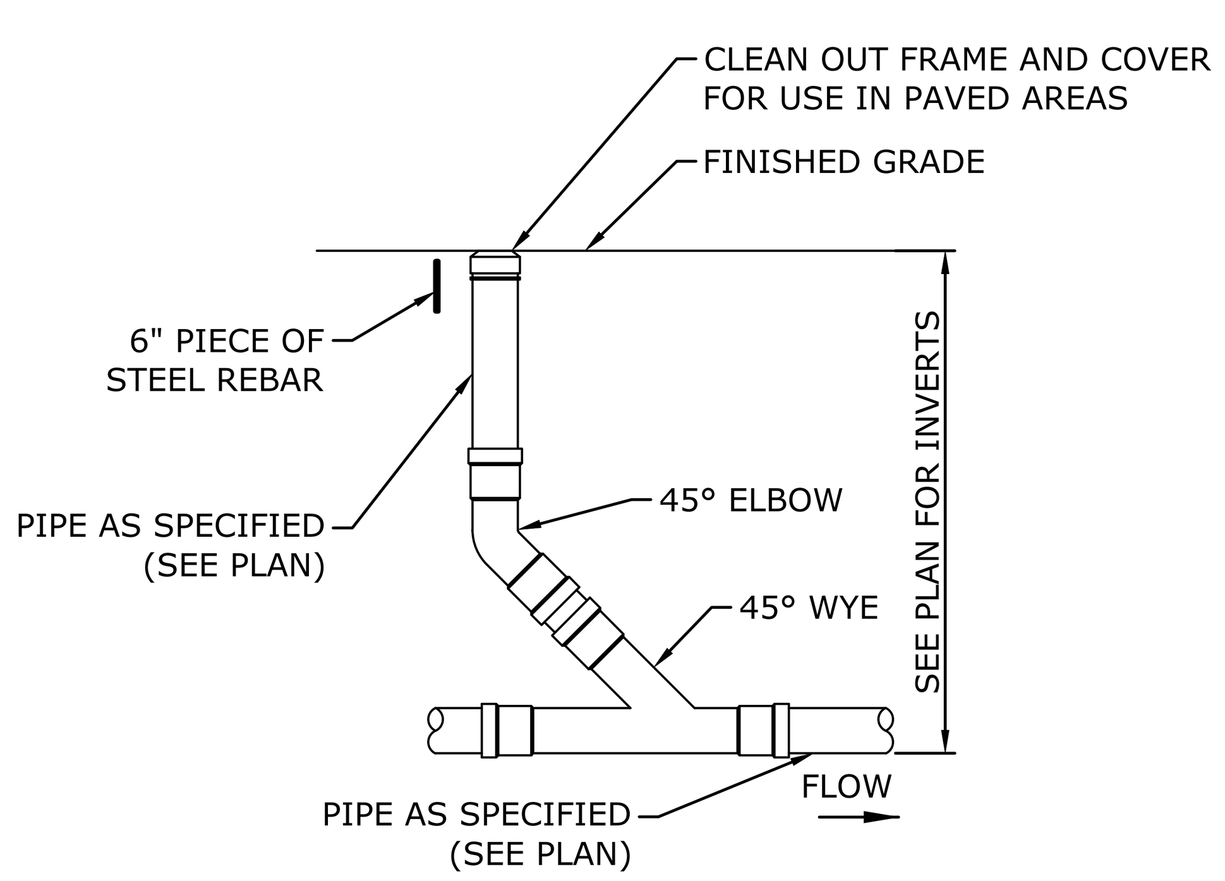
TYPICAL SANITARY SEWER TRENCH SECTION

NO SCALE

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

TYPICAL SANITARY SEWER TRENCH SECTION DETAIL
WILTON, CONNECTICUT

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



SANITARY CLEANOUT DETAIL

NOT TO SCALE

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

DESCRIPTION	DATE	BY

SITE DETAILS

PROPOSED MULTI-FAMILY DEVELOPMENT

131 DANBURY ROAD
WILTON, CONNECTICUT

DESIGNED	DRAWN	CHECKED
AWG	AWG	TD

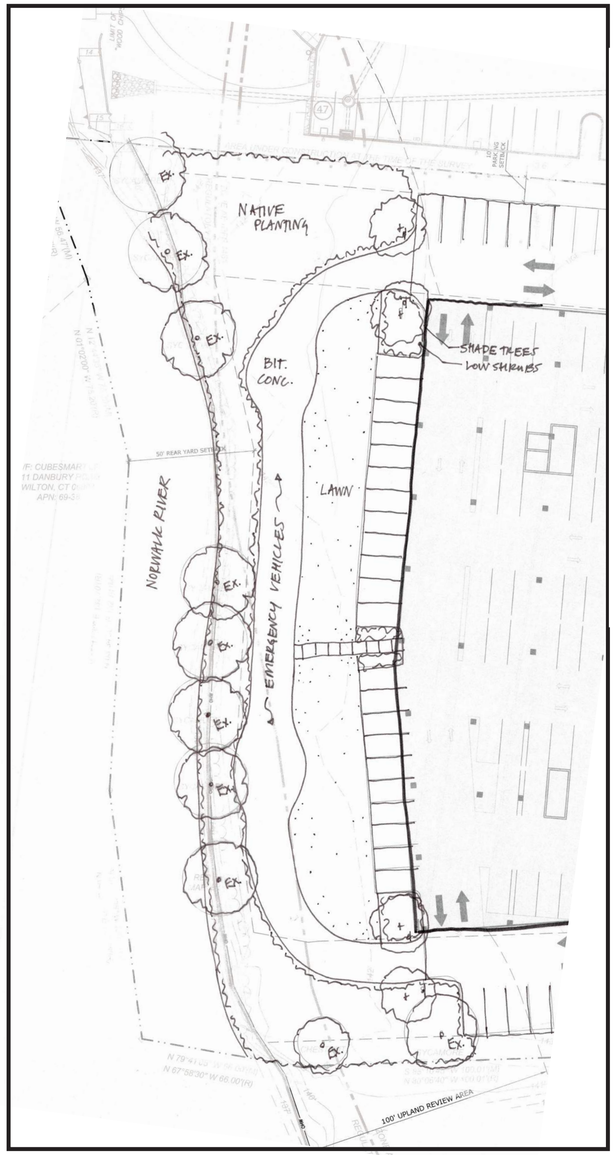
SCALE: AS NOTED

DATE: OCTOBER 23, 2023

PROJECT NO.: 21543.00001

SHEET NO.: 15 OF 15

SHEET NAME: SD-5



ALTERNATIVE OPTION

PROPOSED OPTION

13 REMOVABLE BOLLARDS
14 RE-INFORCED TURF EMERGENCY ACCESS DRIVE (16' WIDE)
15 CONCRETE PADS FOR FIRE TRUCK OUTRIGGERS
16 STORMWATER INFILTRATION AREAS
17 STONEDUST WALKWAY
18 GATHERING NOOKS WITH OUTDOOR SEATING
19 OVERLOOK PLAZA GATHERING SPACE WITH BOULDER RETAINMENT
20 EXISTING SYCAMORE TREES TO REMAIN
21 INVASIVE PLANT REMOVAL AND RESTORED NATIVE RIPARIAN BUFFER
22 PEDESTRIAN WALKWAY ACCESS FROM GARAGE
23 EVERGREEN SCREENING
24 PERMEABLE PAVERS

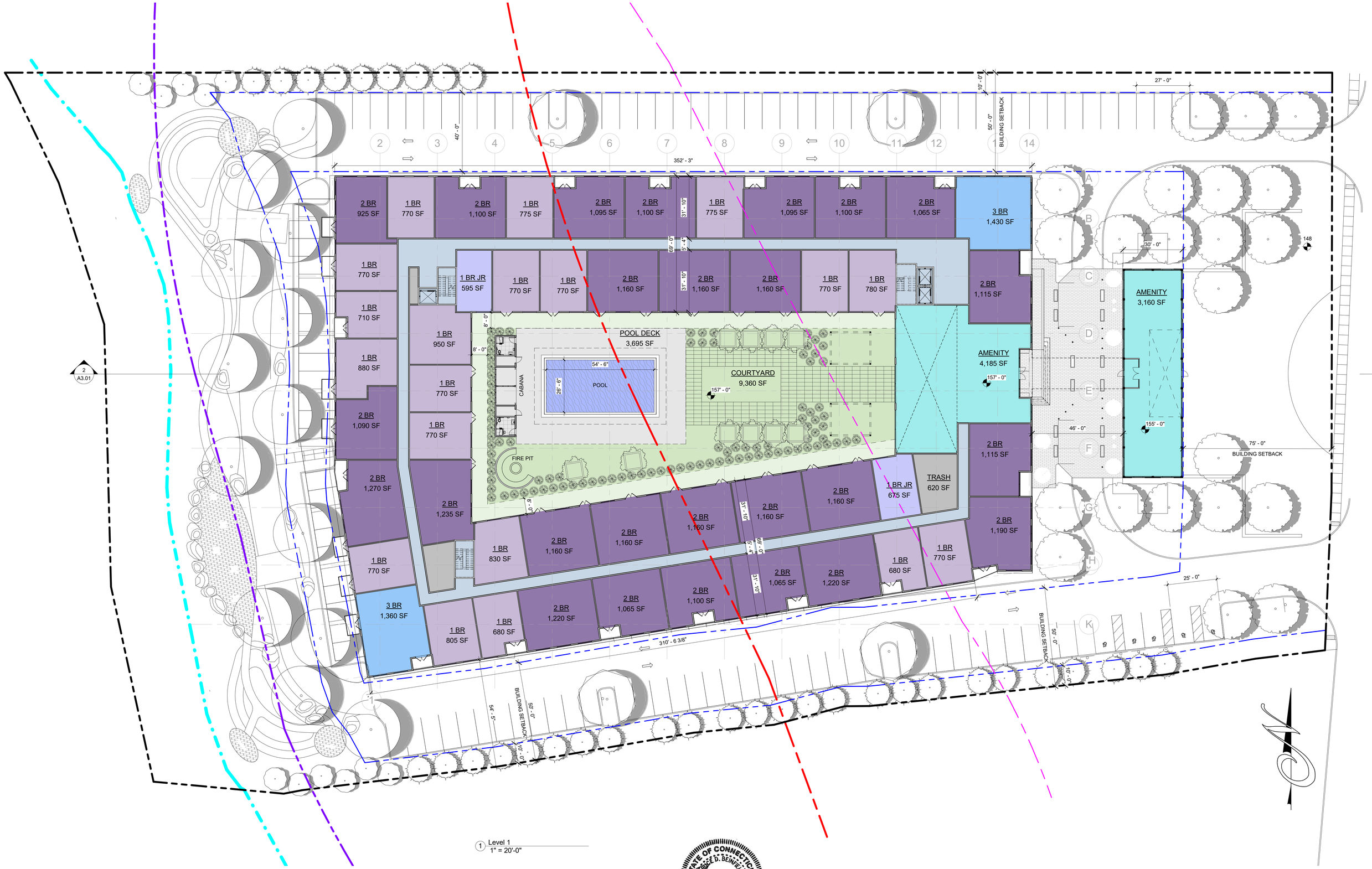
AMS WILTON - WILTON, CT

SITE PLAN - ALTERNATIVE COMPARED

SLR

0' 30' 60'
1" 2"

N



BEINFIELD ARCHITECTURE PC
203.838.5789 | 11 Chestnut Street #102 | South Norwalk, CT 06854

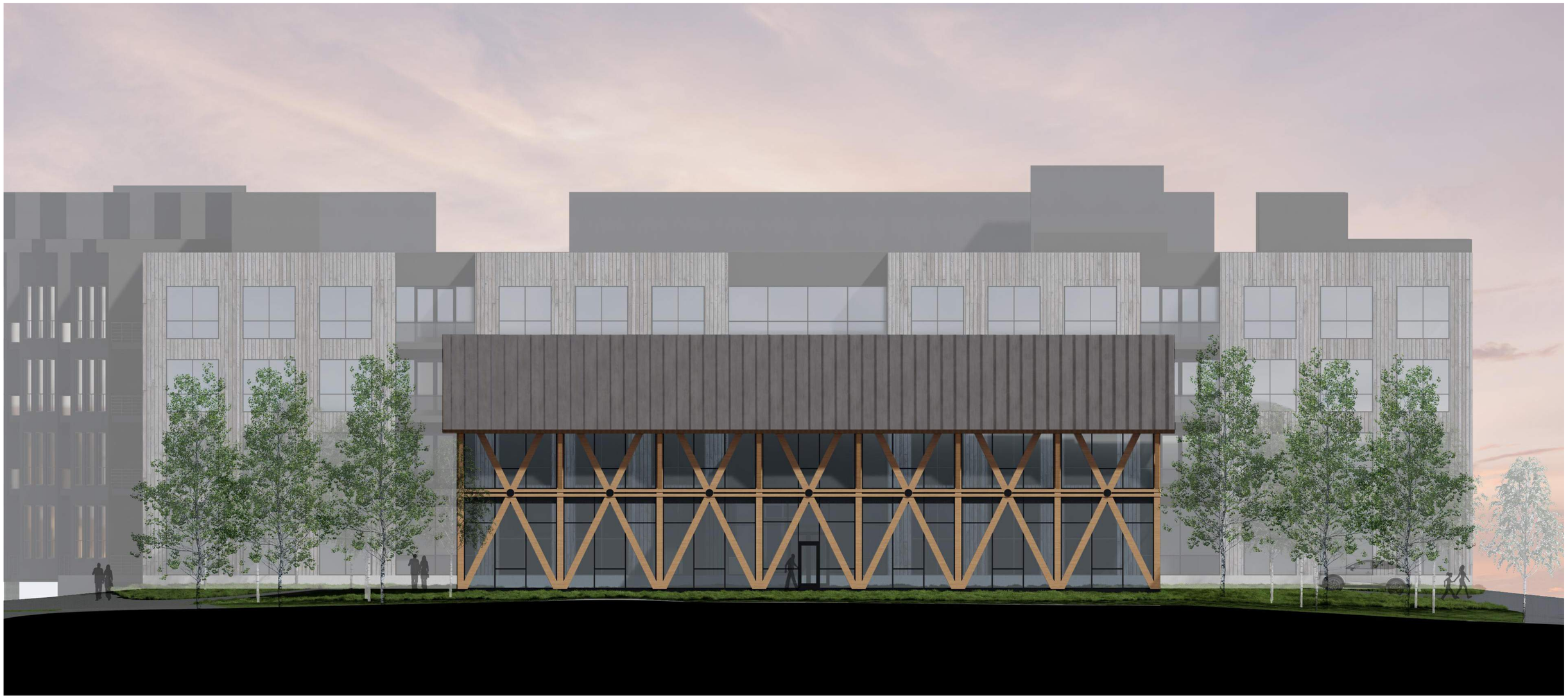
STATE OF CONNECTICUT
BRUCE D. BEINFIELD
No. 05787
LICENSED ARCHITECT

131 DANBURY ROAD | 10/19/23 | FIRST FLOOR PLAN | A1.02

BEINFIELD ARCHITECTURE PC
203.838.5789 | 11 Chestnut Street #102 | South Norwalk, CT 06854

STATE OF CONNECTICUT
BRUCE D. BEINFIELD
NO. 05787
LICENSED ARCHITECT

131 Danbury Road | 10.13.2023 | View from Danbury Road



BEINFIELD ARCHITECTURE PC
203.838.5789 | 11 Chestnut Street #102 | South Norwalk, CT 06854

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BRUCE D. BEINFIELD
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LICENSED ARCHITECT