

WINDSOR PICKLEBALL

PERMITTING SET 20 DAY HILL ROAD WINDSOR, CT 06095

DATE: REVISED 09/20/24

OWNER & PROFESSIONALS

PROJECT SITE PLAN NOT TO SCALE

LOCUS PLAN NOT TO SCALE

APPLICANT:

20 DAY HILL ROAD LLC
273 STATE STREET
SPRINGFIELD, MA 01103

RECORD OWNER:

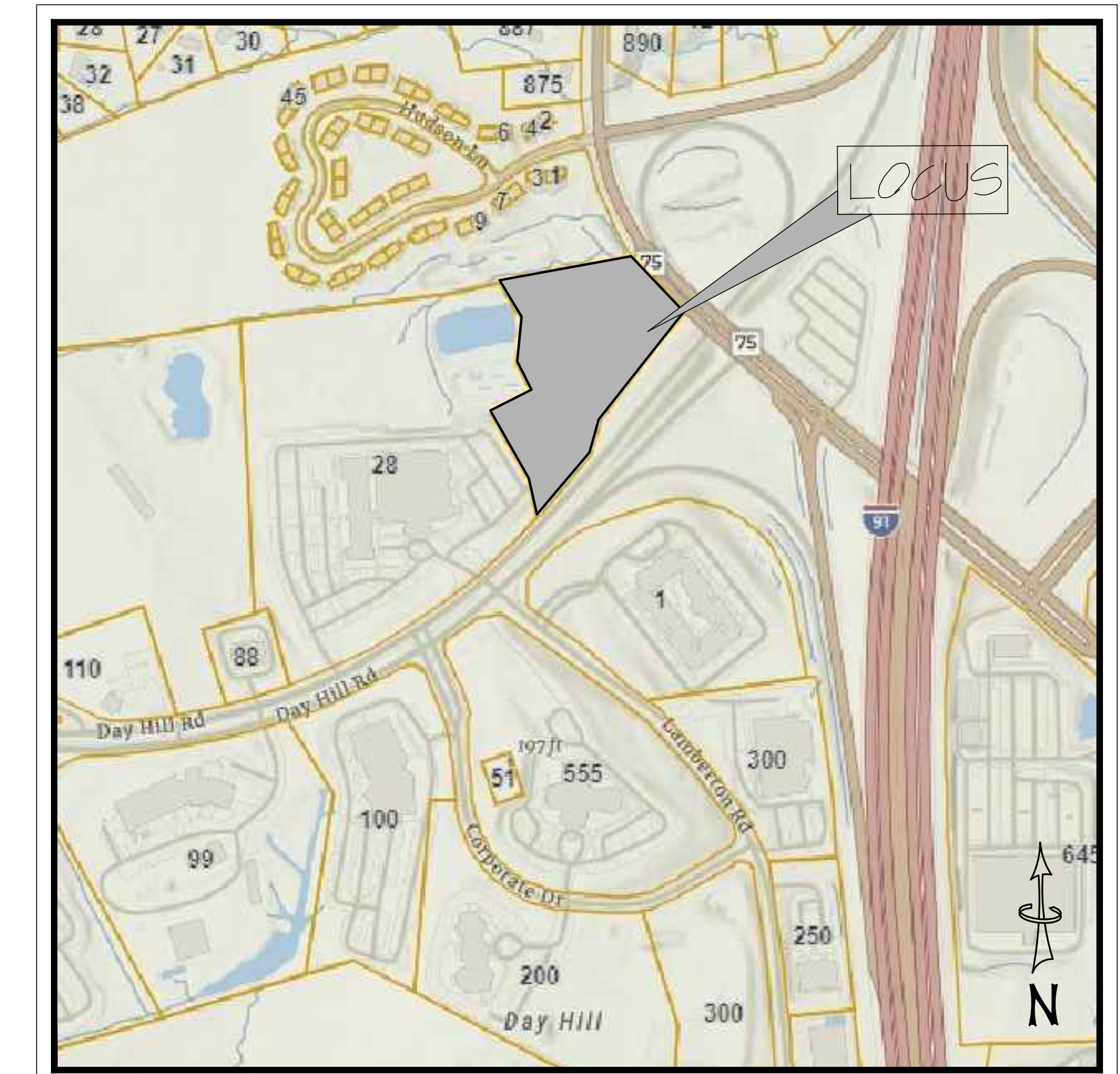
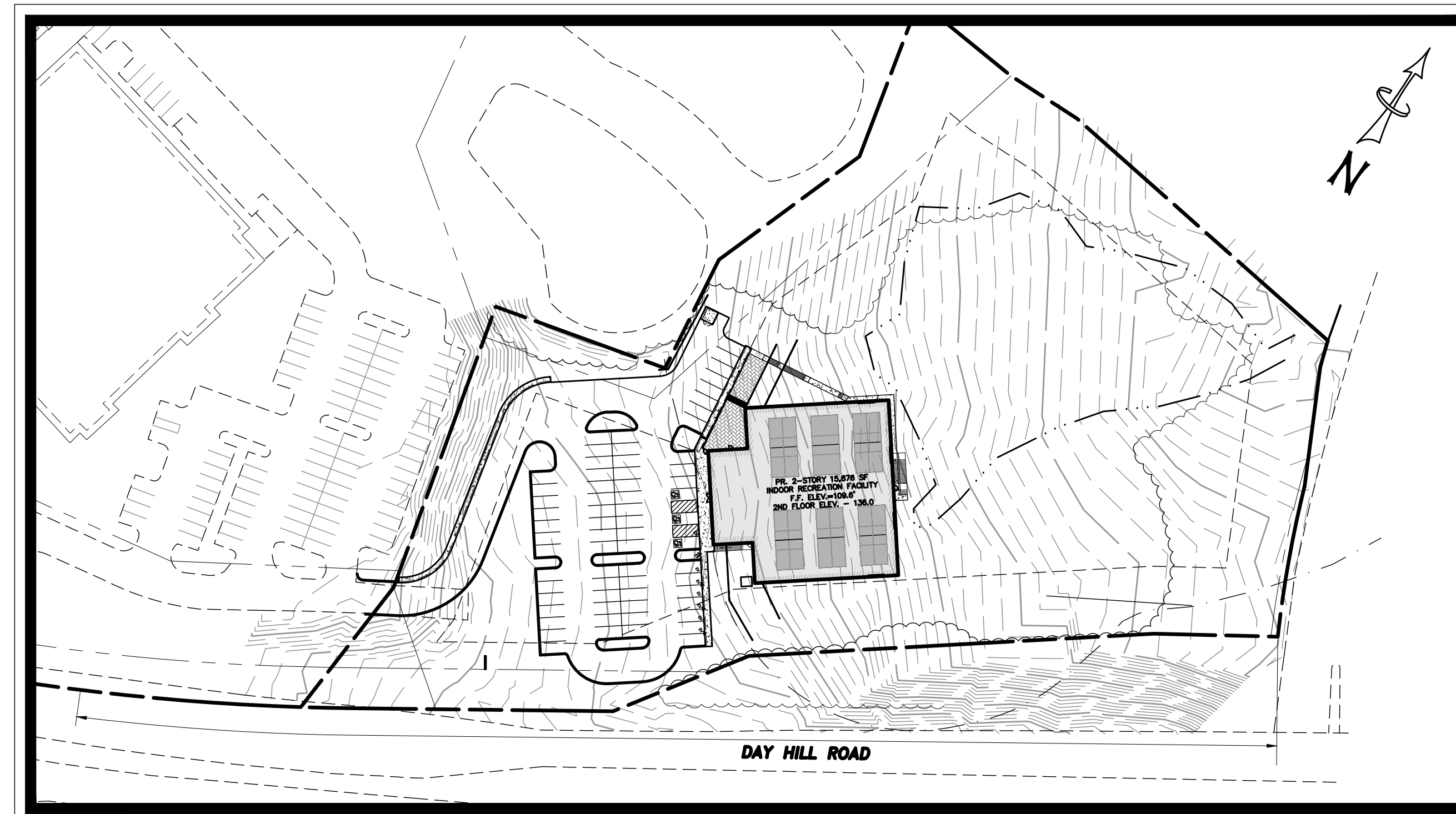
20 DAY HILL ROAD LLC
273 STATE STREET
SPRINGFIELD, MA 01103

CIVIL ENGINEER:

FURROW ENGINEERING
199 SERVISTAR INDUSTRIAL WAY - SUITE 2
WESTFIELD, MASSACHUSETTS 01085

GENERAL CONTRACTOR:

SAGE ENGINEERING & CONTRACTING, INC.
199 SERVISTAR INDUSTRIAL WAY - SUITE 2
WESTFIELD, MASSACHUSETTS 01085



DRAWING LIST

T-1	TITLE SHEET	8-19-24
C-0	ZONING REVIEW & NOTES	8-12-24
C-1	OVERALL EXISTING CONDITIONS PLAN	9-20-24
C-2	EXISTING CONDITIONS PLAN	9-20-24
C-3	LAYOUT PLAN	9-20-24
C-4	LANDSCAPE PLAN	9-20-24
C-5	PHOTOMETRIC PLAN	9-20-24
C-6	GRADING PLAN	9-20-24
C-7	UTILITIES PLAN	9-20-24
C-8	SEDIMENT & EROSION CONTROL PLAN	9-20-24
C-9	TRUCK TURNING MOVEMENT PLAN	9-20-24
D-1	DETAIL SHEET	8-19-24
D-2	DETAIL SHEET	8-19-24
G-1	VISUAL IMPACT ASSESSMENT PLAN	8-12-24
G-2	VISUAL IMPACT ASSESSMENT CROSS SECTIONS	8-12-24
A1.1	1ST FLOOR PLAN	8-12-24
A1.2	2ND FLOOR PLAN	8-12-24
A1.3	MEZZANINE PLAN	8-12-24
A2.1	BUILDING ELEVATIONS	9-6-24
A2.2	BUILDING ELEVATIONS	9-6-24

FOR PERMITTING ONLY

T-1 TITLE SHEET

Furrow
Engineering

199 Servistar Industrial Way - Suite 2
Westfield, MA 01085
Phone: (413) 562-4884

TOWN OF WINDSOR — ZONING REVIEW

SECTION 1 — INTRODUCTION

1.1 ZONE DISTRICTS — BUSINESS DISTRICTS

- **ZONING DISTRICT: RC RESTRICTED COMMERCIAL ZONE**

SECTION 3 — SITE DEVELOPMENT

3.1 LANDSCAPING

3.1.1 GENERAL PLANTING REQUIREMENTS

- A. REQUIRED TREES AND SHRUBS
- (6) ANY TREES OR SHRUBS WITHIN FIVE FEET OF A DRIVEWAY, PARKING LOT, OR WALKWAY SHALL BE SALT-TOLERANT.

3.1.2 SPECIFIC LANDSCAPING REQUIREMENTS

- C. REQUIRED LANDSCAPING WITHIN PARKING LOTS
- (1) PARKING LOTS ADJACENT TO PROPERTY AND RIGHT-OF-WAY LINES

(A) ANY PARKING LOT CONTAINING THREE OR MORE PARKING SPACES LOCATED ADJACENT TO A STREET LINE SHALL BE SEPARATED FROM THE STREET LINE BY A CURBED, LANDSCAPED AREA AT LEAST TEN FEET IN WIDTH, EXCLUSIVE OF ANY PLANTING AREA THAT MAY BE LOCATED WITHIN THE STREET RIGHT-OF-WAY. THE COMMISSION MAY REQUIRE A FENCE, WALL, HEDGE, BERM, OR A COMBINATION OF THESE AND OTHER PLANTINGS TO ACHIEVE NECESSARY SCREENING AND SHADING.

- (2) PARKING LOTS ADJACENT TO BUILDINGS

(A) EXCEPT AS PROVIDED BELOW, NO PARKING LOT OR DRIVEWAY SHALL BE CLOSER THAN TEN FEET FROM ANY PORTION OF A BUILDING OTHER THAN ITS DRIVE-THROUGH LANE, GARAGE ENTRANCE, TRUCK LOADING AREA APRON, OR SHORT-TERM TRUCK LOADING SPACE:

- (3) LANDSCAPED ISLANDS WITHIN ALL PARKING LOTS
- IN ALL PARKING LOTS, ROWS OF PARKING SPACES SHALL BE TERMINATED BY CURBED LANDSCAPED END ISLANDS AT LEAST 9 FEET IN WIDTH AND 17 FEET IN LENGTH FOR SINGLE ROWS AND 9 FEET IN WIDTH AND 34 FEET IN LENGTH FOR DOUBLE ROWS. FOR EVERY TEN SPACES IN A PARKING LOT, CURBED LANDSCAPED INTERIOR ISLANDS AT LEAST 9 FEET IN WIDTH AND 17 FEET IN LENGTH SHALL BE ARRANGED WITHIN THE PARKING AREA AS APPROVED BY THE COMMISSION.

- (4) LANDSCAPING IN LARGE PARKING LOTS
- IN ORDER TO PROVIDE FOR SAFE AND CONVENIENT VEHICULAR AND PEDESTRIAN MOVEMENT WITHIN PARKING AREAS, SAFE SEPARATION AND DELINEATION BETWEEN PARKING SPACES AND DRIVES, AREAS FOR SNOW SHELVEING, PERMEABLE AREAS FOR THE RECHARGE OF GROUNDWATER, AREAS FOR THE INSTALLATION OF LIGHTING FIXTURES, AND RELIEF FROM EXCESSIVE EXPANSIONS OF PAVING, LARGE PARKING LOTS IN EXCESS OF 30 PARKING SPACES SHALL COMPLY WITH THE FOLLOWING:

(A) PARKING LOTS OF 30 OR MORE SPACES

IN PARKING LOTS OF 30 OR MORE PARKING SPACES, 27 SQUARE FEET OF NET PLANTING AREAS SHALL BE REQUIRED WITHIN THE PARKING LOT FOR EACH PARKING SPACE, EXCLUSIVE OF ANY OTHER PLANTING AREA REQUIREMENT, EXCEPT THAT FOR DEVELOPMENTS IN WINDSOR AND WILSON CENTERS (AS DESCRIBED IN SECTION 13.1.3A), THIS REQUIREMENT MAY BE REDUCED TO 18 SQUARE FEET. THE NET PLANTING AREA SHALL EXCLUDE ANY PAVED AREA FOR SIDEWALKS OR CAR OVERHANG AREA (I.E. TWO FEET FOR A PARKING SPACE WITH CURBED WHEEL STOPS). WITHIN THESE LANDSCAPED AREAS, ONE MAJOR TREE AND ONE SHRUB OR BUSH SHALL BE PROVIDED FOR EVERY TEN SPACES, EXCLUSIVE OF ANY OTHER PLANTING REQUIREMENT. THIS LANDSCAPED AREA SHALL BE USED FOR END AND INTERIOR LANDSCAPED ISLANDS AND, WHERE APPLICABLE, FOR LANDSCAPED STRIPS REQUIRED IN SUBSECTION (B) AND (C) BELOW.

3.3 OFF-STREET PARKING

3.3.5 MINIMUM AND MAXIMUM PARKING RATIOS

- E. EDUCATIONAL, CULTURAL, RELIGIOUS, AND RECREATIONAL FACILITIES
- (7) BOWLING ALLEYS, BILLIARD PARLORS, RACKET SPORTS FACILITY/CLUB: FIVE SPACES PER BOWLING LANE AND/OR 3 SPACES PER BILLIARD TABLE AND/OR 4 SPACES PER RACKET SPORTS COURT.

- **PARKING SUMMARY:**
- **PROPOSED COURTS = 13**
- **REQUIRED PARKING SPACES = 13 * 4 SPACES/COURT = 52 SPACES**
- **PROPOSED PARKING SPACES = 69**

3.7 SIGNS

3.7.2 GENERAL REQUIREMENTS

G. FREESTANDING SIGNS SHALL BE LOCATED AT LEAST FIVE FEET FROM A PUBLIC RIGHT-OF-WAY AND SHALL NOT EXCEED THE HEIGHT OF THE EAVES OR THE TOP OF THE PARAPET WALL OF THE BUILDING TO WHICH IT RELATES.

N. NO SITE SHALL BE ALLOWED MORE THAN TWO TYPES OF BUSINESS SIGNS (I.E. FREESTANDING, PROJECTING, OR WALL SIGNS).

- 3.7.4 SIGN ILLUMINATION REGULATIONS
- B. WITH THE EXCEPTION OF INTERNALLY ILLUMINATED CHANNEL LETTERS AND/OR LOGOS, AND INTERNALLY ILLUMINATED SIGNS WITH OPAQUE BACKGROUNDS, WHERE ONLY THE COPY AND/OR LOGOS ARE ILLUMINATED AT NIGHT, INTERNALLY ILLUMINATED SIGNS ARE NOT A PERMITTED ACCESSORY USE.

3.7.5 SIGN DESIGN AND AREA REGULATIONS

- B. AREA
- (1) IN ALL ZONES, EXCEPT SINGLE-FAMILY RESIDENTIAL ZONES, THE FOLLOWING SHALL APPLY:
- (A) THE MAXIMUM TOTAL AREA OF ALL COMBINED PROJECTING AND WALL SIGN(S) IS CALCULATED BY MULTIPLYING THE LENGTH OF THE FRONT WALL OF THE BUILDING OR ESTABLISHMENT BY THE AREA FACTOR SPECIFIED IN (I), (II) AND (III) BELOW:

(I) ONE SQUARE FOOT OF SIGN FOR EACH LINEAR FOOT OF THE FRONT WALL OF BUILDINGS OR ESTABLISHMENTS LOCATED LESS THAN 100 FEET FROM THE STREET RIGHT-OF-WAY;

(II) ONE AND ONE-HALF SQUARE FEET OF SIGN FOR EACH LINEAR FOOT OF FRONT WALL OF BUILDINGS OR ESTABLISHMENTS LOCATED BETWEEN 100 FEET AND 200 FEET FROM THE STREET RIGHT-OF-WAY; AND

(III) TWO SQUARE FEET OF SIGN FOR EACH LINEAR FOOT OF FRONT WALL OF BUILDINGS OR ESTABLISHMENTS LOCATED MORE THAN 200 FEET FROM THE STREET RIGHT-OF-WAY.

(B) FOR THE PURPOSES OF THIS SECTION, THE FRONT WALL OF A BUILDING OR ESTABLISHMENT SHALL BE THE WALL CONTAINING THE MAIN ENTRANCE.

ALLOWED COMBINED PROJECTING AND WALL SIGNS AREA CALCULATION TABLE:

FRONT WALL OF BUILDING DISTANCE FROM STREET R.O.W.	LINEAR FEET	ALLOWED AREA/LF	ALLOWED AREA
<100 FEET	44	1 SF	44 SF
100-200 FEET	86	1.5 SF	129 SF
		TOTAL	173 SF

MAX ALLOWABLE AREA OF PROJECTING AND WALL SIGNS COMBINED IS 173 SF

(2) THE AREA OF AN ACTUAL OR PROPOSED SIGN SHALL BE CALCULATED BY MEASURING THE AREA OF THE SMALLEST RECTANGLE THAT ENCOMPASSES THE EXTREME LIMITS OF ANY TEXT, LOGO, OR OTHER GRAPHIC, EXCLUDING THE STREET ADDRESS, TOGETHER WITH ANY MATERIAL FORMING AN INTEGRAL PART OF THE BACKGROUND OF THE SIGN OR ANY COLOR USED TO DIFFERENTIATE THE SIGN FROM THE BACKDROP OR STRUCTURE THAT IT IS PLACED ON, BUT NOT INCLUDING ANY SUPPORTING STRUCTURE, BRACING, DECORATIVE FENCE, OR WALL THAT OTHERWISE COMPLIES WITH THESE REGULATIONS AND IS CLEARLY INCIDENTAL TO THE SIGN ITSELF.

(4) FOR FREESTANDING AND PROJECTING SIGNS, ALL SIDES CONTAINING TEXT, LOGOS, OR OTHER GRAPHICS SHALL BE INCLUDED IN THE CALCULATION OF THE TOTAL SIGN AREA.

(5) EXCEPT AS PER SECTION 3.7.2B, THE MAXIMUM ALLOWABLE SIGN AREA OF PERMITTED FREESTANDING SIGNS LOCATED ON A LOT THAT IS GREATER THAN THE MINIMUM LOT WIDTH REQUIRED IN THE UNDERLYING ZONE MAY BE MODIFIED ACCORDING TO THE FOLLOWING FORMULA, PROVIDED THAT NO SIGN EXCEEDS TWO TIMES THE PERMITTED AREA AND THE TOWN PLANNER AND ZONING ENFORCEMENT OFFICER FIND THAT LARGER SIGNS WILL NOT HAVE AN ADVERSE IMPACT:

$$D = (Y/X) \times C$$

WHERE X = THE MINIMUM LOT WIDTH
Y = THE ACTUAL LOT WIDTH
C = THE MAXIMUM ALLOWABLE FREESTANDING SIGN AREA AND
D = THE ADJUSTED MAXIMUM ALLOWABLE FREESTANDING SIGN AREA.

FREESTANDING SIGN AREA MODIFICATION CALCULATION:
 $X=250$ FT
 $Y=701$ FT
 $C=50$ FT (SECTION 3.7.9C(3))
 $D = (701/250) \times 50 = 140$ SF
SIGN AREA CANNOT EXCEED TWO TIMES PERMITTED AREA (2 X C = 2 X 50 = 100 SF)

MAX ALLOWABLE AREA OF FREESTANDING SIGN IS 100 SF

3.7.11 SIGNS PERMITTED IN THE RESTRICTED COMMERCIAL ZONE

SIGNS LOCATED IN A RESTRICTED COMMERCIAL ZONE SHALL BE REGULATED AS PER SECTION 3.7.9.

3.7.9 SIGNS PERMITTED IN BUSINESS ZONES

B. CONSTRUCTION

ONE FREESTANDING SIGN NOT EXCEEDING 40 SQUARE FEET PER SIDE, TO ADVERTISE A BUILDING PROJECT. EACH SUBCONTRACTOR MAY DISPLAY ONE FREESTANDING SIGN NOT EXCEEDING FOUR SQUARE FEET.

C. BUSINESS

AN ESTABLISHMENT MAY:

(3) AN ESTABLISHMENT, OTHER THAN A FUEL FILLING STATION (SEE SECTION 3.7.7C), WITH 3,000 SQUARE FEET OR MORE OF GROUND FLOOR AREA IN THE MAIN BUILDING (EXCEPT FUEL FILLING STATIONS) MAY ERCT ONLY ONE FREESTANDING SIGN, NOT EXCEEDING 50 SQUARE FEET, EXCEPT THAT IN WINDSOR AND WILSON CENTER AREAS (AS SHOWN ON APPENDIX PAGES A-22 AND A-23), NO FREESTANDING SIGN MAY EXCEED 16 SQUARE FEET PER FACE AND THE PROVISIONS OF SECTION 3.7.5B(5) SHALL NOT BE APPLICABLE;

ONE FREESTANDING SIGN WITH A MAX ALLOWABLE AREA OF 50 SF (INCREASED TO 100 SF PER SECTION 3.7.5B(5)) IS PERMITTED. ALL SIDES OF SIGN CONTAINING TEXT/LOGOS ARE INCLUDED IN AREA CALCULATIONS

SECTION 7 — RESTRICTED COMMERCIAL ZONE (RC)

7.1 AREA, BULK, DENSITY, AND YARDS STANDARDS	REQUIRED	PROPOSED
MINIMUM LOT AREA	5 ACRES	5 ACRES
MINIMUM YARDS (FRONT, SIDE, AND REAR)	50 FEET	54 FEET
MAXIMUM BUILDING COVERAGE	20% OF THE SITE	7.30%
MINIMUM LOT WIDTH	250 FEET	701 FEET
MAXIMUM BUILDING HEIGHT	4 STORIES OR 50 FEET	2 STORIES (47.5 FEET)

7.6 — SPECIAL USES

THE COMMISSION MAY ALLOW THE FOLLOWING USES SUBJECT TO THE PROVISIONS OF SECTION 15 AND AS SPECIFIED BELOW.

7.6.4 RACKET SPORTS FACILITY/CLUB AND ITS ACCESSORY USES, WHICH MAY INCLUDE THE SALE OF PREPACKAGED FOOD SERVED IN OR ON DISPOSABLE WRAPPERS, CONTAINERS, OR PLATES FROM A CONCESSION STAND, SNACK BAR, CAFE, OR TAKE OUR SERVICE AS PER 5.2.6(D)(1)(B) AND THE SALE OF ALCOHOLIC BEVERAGES FROM A SERVICE BAR FOR ON-PREMISE CONSUMPTION BY MEMBERS AND THEIR GUESTS WITH A CAFE — BOWLING ALLEY LIQUOR PERMIT. THERE SHALL BE NO LIMITED ENTERTAINMENT FACILITIES.

- **THE PROPOSED PICKLEBALL FACILITY IS CONSIDERED A RACKET SPORTS FACILITY/CLUB. THEREFORE IT IS A SPECIAL USE THAT MAY BE ALLOWED.**

SECTION 14 — GENERAL REQUIREMENTS

14.2 GENERAL EXCEPTIONS

14.2.3 REQUIREMENTS FOR DAY HILL ROAD AND NORTHFIELD DRIVE AREA SITES

- A. REQUIREMENTS FOR DAY HILL ROAD AREA SITES
- (1) USES
- (b) SPECIAL USES:
- (ii) RACKET SPORTS FACILITY/CLUB AND ITS ACCESSORY USES AS PER SECTION 7.6.4 IF ALLOWED IN THE UNDERLYING ZONING DISTRICT.

(2) THE EXTERIOR WALLS OF PRINCIPLE BUILDINGS SHALL BE SIMILAR IN CHARACTER AND MATERIAL AS THAT OF THE PREDOMINANT NUMBER OF EXISTING BUILDINGS IN THE AREA. THE EXTERIOR WALLS OF PRINCIPLE BUILDINGS SHALL BE SIMILAR IN CHARACTER AND MATERIAL AS THAT OF THE PREDOMINANT NUMBER OF EXISTING BUILDINGS IN THE AREA. THE MATERIAL FOR THE EXTERIOR WALLS OF OFFICES, RESEARCH—LABORATORIES, AND COMPUTER CENTERS SHALL BE BRICK, CUT STONE, SMOOTH SKIN METAL PANELS, DECORATIVE PRE-CAST CONCRETE PANELS (UTILIZING COLORS, TEXTURES, NATURAL OR CULTURED STONES, AND THIN BRICKS), AND GLASS IN ANY COMBINATION. OTHER MATERIALS MAY BE USED AS PER SECTION 14.1.19, 14.2.3A(11), AND 14.2.3A(13). FOR OFFICE FLEX SPACE, MANUFACTURING, FABRICATING, COMPOUNDING, AND TREATMENT OF ARTICLES, THE REAR WALL MAY CONCRETE MASONRY UNITS, PRECAST OR TILT-UP CONCRETE PANELS IF NOT VISIBLE FROM DAY HILL ROAD, BLUE HILLS AVENUE, NORTHFIELD DRIVE, OR ORANGE WAY.

(4) THE MAXIMUM CLEAR CEILING HEIGHT OF ANY FLOOR SHALL NOT EXCEED 28 FEET.

(5) TO VISUALLY BREAK UP THE BULK AND SCALE OF LARGE BUILDINGS, OFF-SETS OF NO LESS THAN FIVE FEET FOR EVERY 100 FEET IN HORIZONTAL DIMENSION SHALL BE REQUIRED. THE OFF-SETS MAY BE COMBINED AS DESIGNED BY THE APPLICANT AND APPROVED BY THE COMMISSION, PROVIDED THAT THE TOTAL LENGTH OF REQUIRED OFF-SET(S) IS MAINTAINED.

(6) FOR OFFICES, RESEARCH—LABORATORIES, RESEARCH/DEVELOPMENT, AND COMPUTER CENTERS, THE ROOF OF BUILDINGS SHALL BE FLAT IN APPEARANCE WHEN OBSERVED FROM ALL SIDES OF THE BUILDING. FOR OFFICE FLEX SPACE, MANUFACTURING, FABRICATING, COMPOUNDING, OR TREATMENT OF ARTICLES; AND THE WAREHOUSING AND DISTRIBUTION OF ARTICLES NOT PRODUCED ON THE PREMISES, THE ROOF OF BUILDINGS SHALL BE FLAT IN APPEARANCE ON THE FRONT AND TWO SIDE FACADES.

(7) ANY GUTTER OR DOWN SPOUTS ON THE FRONT AND SIDE WALLS SHALL BE HIDDEN WITHIN ROOFS AND WALLS.

(8) GROUND OR ROOF MOUNTED MECHANICAL EQUIPMENT AND DUMPSTERS SHALL NOT BE VISIBLE FROM DAY HILL ROAD, NORTHFIELD DRIVE, OR ORANGE WAY, AS APPLICABLE. THE SCREENING METHOD SHALL USE THE SAME OR COMPATIBLE MATERIAL TO THAT OF THE BUILDING (E.G., FOR PARAPETS), EXCEPT THAT FOR EQUIPMENT AND DUMPSTERS BEHIND THE BUILDING AND NOT VISIBLE FROM THE THREE STREETS (ABOVE), EVERGREEN VEGETATION CAN BE USED FOR THIS SCREENING.

(13) THE COMMISSION MAY ALLOW BY SPECIAL USE, THE USE OF MATERIALS NOT MENTIONED IN SUBSECTION (2) ABOVE FOR ACCENT DETAILS FOR THE EXTERIOR WALLS IF IT FINDS THAT FOR THE PARTICULAR SITE AND BUILDING IN QUESTION, IT WILL FIT AS WELL OR BETTER WITH THE SURROUNDING DEVELOPMENT. THE CRITERIA FOR THE EVALUATION SHALL BE THE DURABILITY OF THE MATERIAL AND ITS POTENTIAL FOR DAMAGE BASED ON ITS LOCATION ON THE BUILDING, ITS VISIBILITY, AND ITS IMPACT ON ADJACENT DEVELOPMENT. THIS MATERIAL MAY BE USED ON UP TO 10% OF THE TOTAL AREA OF THE WALL INVOLVED.

SYMBOL & LINE LEGEND

	EX. UTILITY POLE		PR. UTILITY POLE
	EX. HYDRANT		PR. HYDRANT
	EX. GAS VALVE		PR. WATER/GAS VALVE
	EX. WATER VALVE		PR. CATCH BASIN
	EX. MONITORING WELL		PR. MANHOLE
	EX. CATCH BASIN		PR. FLARED END SECTION
	EX. DRAINAGE MANHOLE		PR. WELL
	EX. SANITARY MANHOLE		EX. LIGHTPOST
	EX. ELECTRIC MANHOLE		EX. WATER SHUT-OFF
	EX. WELL		EX. ONE POLE SIGN
	EX. MANHOLE (UNMARKED)		EX. WETLANDS
	PERCOLATION TEST		UTILITY POLE WITH LIGHT
	DEEP HOLE OBSERVATION		X 500.00 EX. SPOT GRADE
	BORING		X 500.00 PR. SPOT GRADE
	IRON PIPE FOUND		▲ WF-1 WETLAND FLAG
	CONCRETE BOUND FOUND		

LIMIT OF BWV W/ FLAGS

--- TOP OF BANK

--- 25' RIVERFRONT

--- BUFFER ZONE

RAILROAD TRACKS

--- 150 --- EX. CONTOUR 5' INTERVALS

--- 149 --- EX. CONTOUR 1' INTERVALS

--- 150 --- PR. CONTOUR

--- EX. FENCE

--- PR. FENCE GUARDRAIL

TREE LINE

--- GAS --- EX. GAS LINE

--- W --- EX. WATER LINE

--- OHE --- EX. OVERHEAD ELECTRIC WIRES

--- UE --- EX. UNDERGROUND ELECTRIC

--- UGT --- EX. UNDERGROUND TEL—CATV—DATA

--- SD --- EX. STORM WATER DRAIN

--- SS --- EX. SANITARY SEWER

--- FM --- EX. SANITARY SEWER FORCE MAIN

--- LW --- LIMIT OF WORK

--- GAS --- PR. GAS LINE

--- W --- PR. WATER LINE

--- OHE --- PR. OVERHEAD ELECTRIC WIRES

--- UE --- PR. UNDERGROUND ELECTRIC

--- SD --- PR. STORM WATER DRAIN

--- SD --- SD --- PR. PERFORATED STORM WATER DRAIN

--- SS --- PR. SANITARY SEWER

PROJECT DESCRIPTION:
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 20 DAY HILL RD
 WINDSOR, CT 06095

APPLICANT:
 20 DAY HILL RD LLC
 279 STATE STREET
 SPRINGFIELD, MA 01103

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199 Servistar Industrial Way - Suite 2
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 Phone: (413) 562-4884

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NO.	DATE	BY	REVISION DESCRIPTION
1	8/12/24	LDS	SUBMITTED FOR SITE PLAN & SPECIAL USE
2			
3			
4			
5			

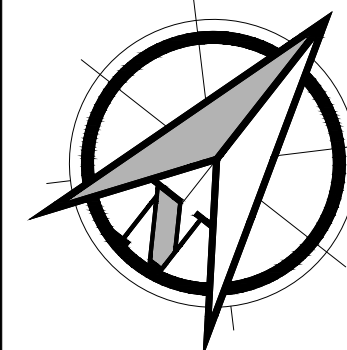
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172-02-24

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DATE:
7/18/24

SCALE:
N.T.S.

SHEET:
C-0



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1	6/17/24	LJS	SUBMITTED IMWC
2	8/12/24	LJS	SUBMITTED FOR SITE PLAN & SPECIAL USE
3	9/20/24	LJS	REVISED PER PLANNING/ENGINEERING/IMWC
4			
5			

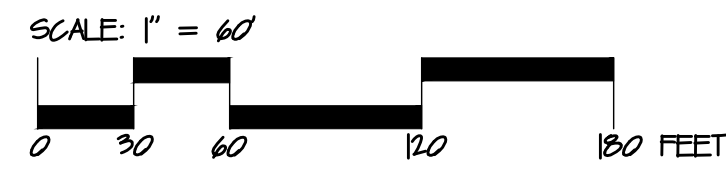
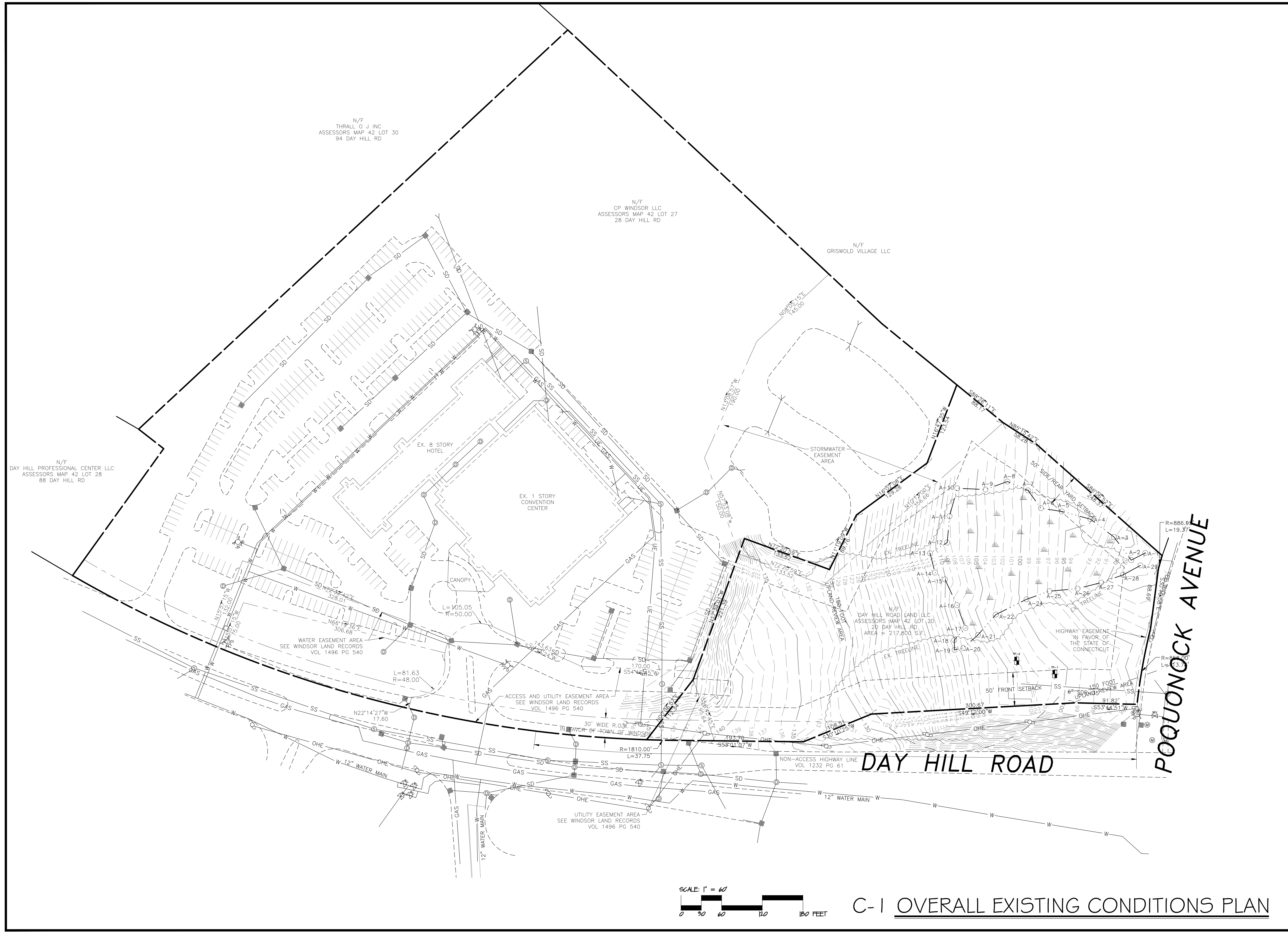
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172-02-24

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HJM

DATE:
4/27/24

SCALE:
1"=60'

SHEET:
C-1



C-1 OVERALL EXISTING CONDITIONS PLAN

GENERAL NOTES:

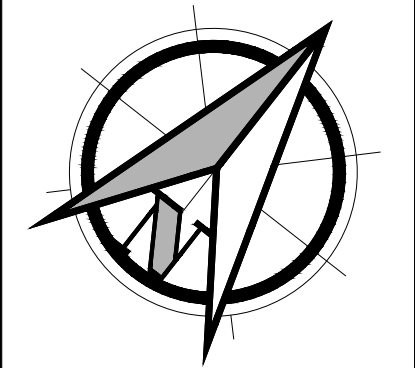
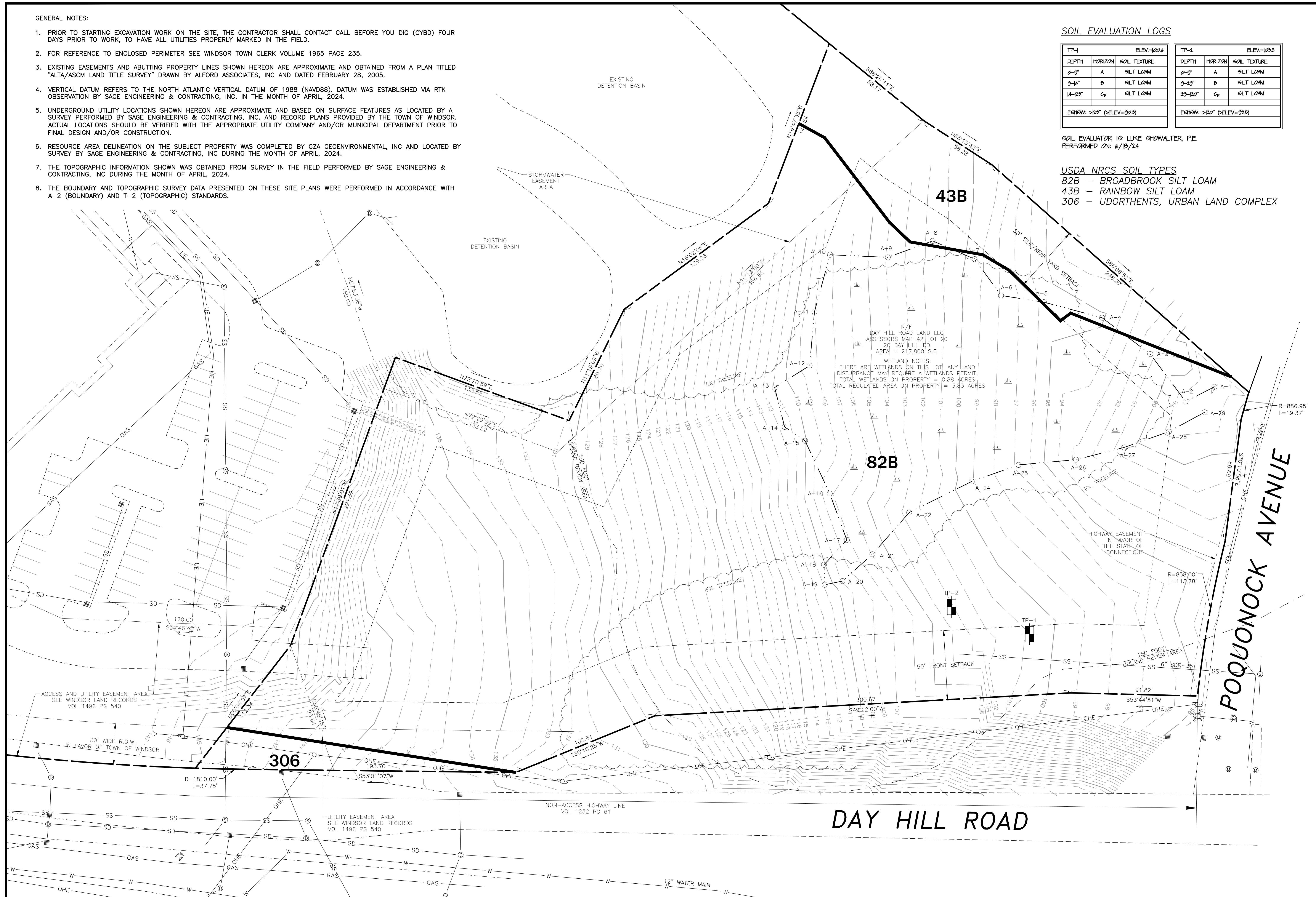
1. PRIOR TO STARTING EXCAVATION WORK ON THE SITE, THE CONTRACTOR SHALL CONTACT CALL BEFORE YOU DIG (CYBD) FOUR DAYS PRIOR TO WORK, TO HAVE ALL UTILITIES PROPERLY MARKED IN THE FIELD.
2. FOR REFERENCE TO ENCLOSED PERIMETER SEE WINDSOR TOWN CLERK VOLUME 1965 PAGE 235.
3. EXISTING EASEMENTS AND ABUTTING PROPERTY LINES SHOWN HEREON ARE APPROXIMATE AND OBTAINED FROM A PLAN TITLED "ALTA/ASCM LAND TITLE SURVEY" DRAWN BY ALFORD ASSOCIATES, INC AND DATED FEBRUARY 28, 2005.
4. VERTICAL DATUM REFERS TO THE NORTH ATLANTIC VERTICAL DATUM OF 1988 (NAVD88). DATUM WAS ESTABLISHED VIA RTK OBSERVATION BY SAGE ENGINEERING & CONTRACTING, INC. IN THE MONTH OF APRIL, 2024.
5. UNDERGROUND UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE AND BASED ON SURFACE FEATURES AS LOCATED BY A SURVEY PERFORMED BY SAGE ENGINEERING & CONTRACTING, INC. AND RECORD PLANS PROVIDED BY THE TOWN OF WINDSOR. ACTUAL LOCATIONS SHOULD BE VERIFIED WITH THE APPROPRIATE UTILITY COMPANY AND/OR MUNICIPAL DEPARTMENT PRIOR TO FINAL DESIGN AND/OR CONSTRUCTION.
6. RESOURCE AREA DELINEATION ON THE SUBJECT PROPERTY WAS COMPLETED BY GZA GEOENVIRONMENTAL, INC AND LOCATED BY SURVEY BY SAGE ENGINEERING & CONTRACTING, INC DURING THE MONTH OF APRIL, 2024.
7. THE TOPOGRAPHIC INFORMATION SHOWN WAS OBTAINED FROM SURVEY IN THE FIELD PERFORMED BY SAGE ENGINEERING & CONTRACTING, INC DURING THE MONTH OF APRIL, 2024.
8. THE BOUNDARY AND TOPOGRAPHIC SURVEY DATA PRESENTED ON THESE SITE PLANS WERE PERFORMED IN ACCORDANCE WITH A-2 (BOUNDARY) AND T-2 (TOPOGRAPHIC) STANDARDS.

SOIL EVALUATION LOGS

TP-1 ELEV=1006			TP-2 ELEV=1095		
DEPTH	HORIZON	SOIL TEXTURE	DEPTH	HORIZON	SOIL TEXTURE
0-9"	A	SILT LOAM	0-9"	A	SILT LOAM
9-14"	B	SILT LOAM	9-19"	B	SILT LOAM
14-25"	C _o	SILT LOAM	29-30"	C _o	SILT LOAM
ELEVATION: >109' (>ELEV=1009)			ELEVATION: >107' (>ELEV=1095)		

SOIL EVALUATOR IS: LIKE SHAWALTER, PE.
PERFORMED ON: 6/18/24

USDA NRCS SOIL TYPES
82B - BROADBROOK SILT LOAM
43B - RAINBOW SILT LOAM
306 - UDORTHERTS, URBAN LAND COMPLEX



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4			
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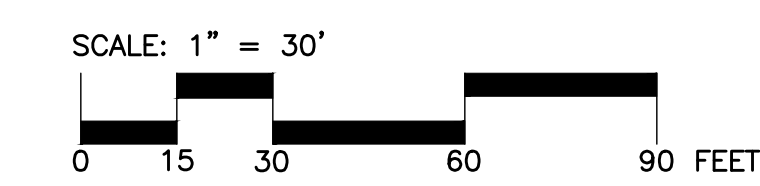
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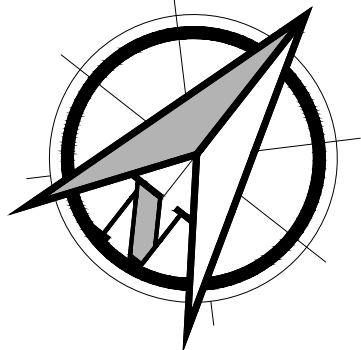
DATE:
2/27/24

SCALE:
1"=30'

SHEET:
C-2



C-2 EXISTING CONDITIONS PLAN



PROJECT DESCRIPTION:
 WINDSOR PICKLEBALL
 20 DAY HILL RD
 WINDSOR, CT 06095

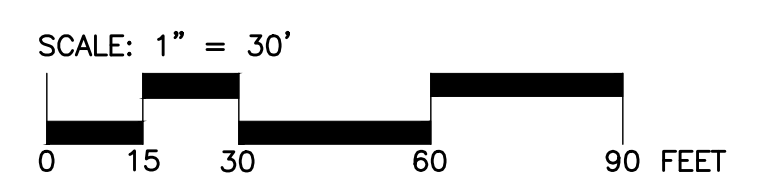
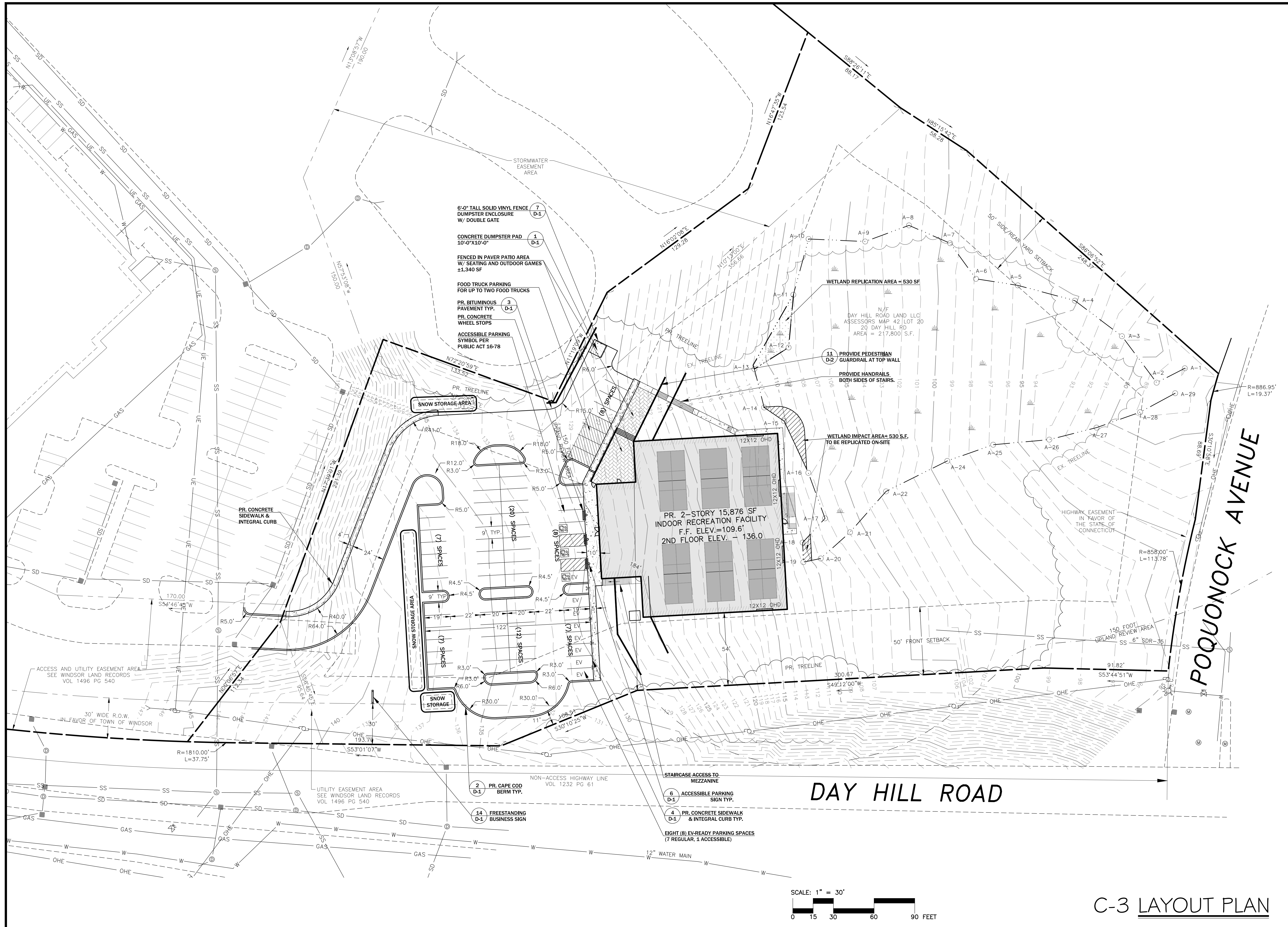
APPLICANT:
 20 DAY HILL RD LLC
 279 STATE STREET
 SPRINGFIELD, MA 01103

Furrow
 Engineering
 199 Servistar Industrial Way - Suite 2
 Westfield, MA 01085
 Phone: (413) 562-4884

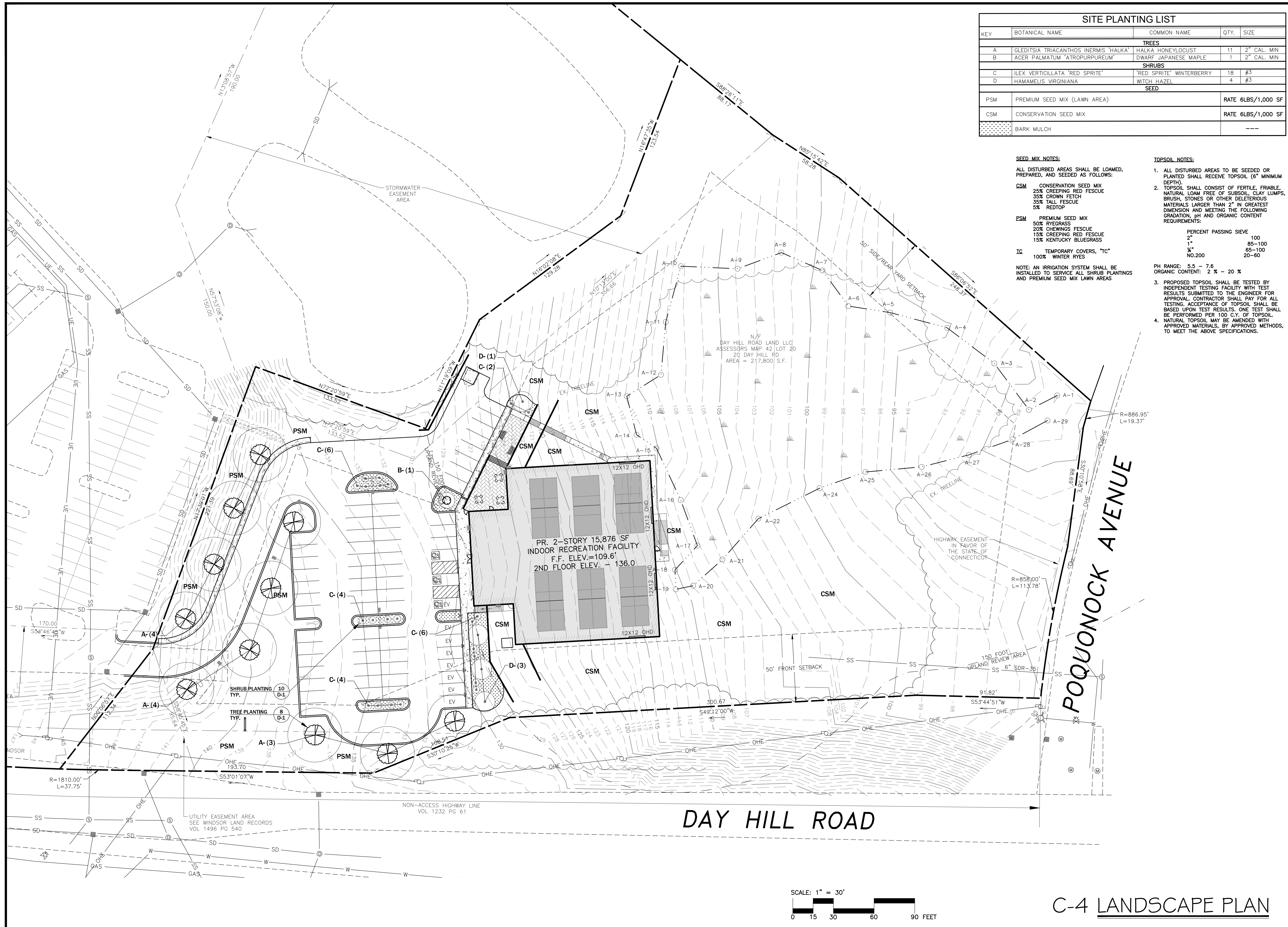
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NO.	DATE	BY	REVISION DESCRIPTION
1	6-17-24	LDS	SUBMITTED IMWC
2	8/12/24	LDS	SUBMITTED FOR SITE PLAN & SPECIAL USE
3	8-19-24	PAP	REVISED PER TOWN COMMENTS RECEIVED
4	9/20/24	LDS	REVISED PER PLANNING/ENGINEERING/IMWC
5			

PROJECT #:
 172-02-24
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 LDS
 DATE:
 2/27/24
 SCALE:
 1"=30'
 SHEET:
 C-3

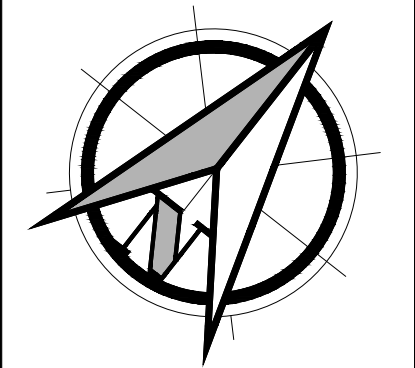


C-3 LAYOUT PLAN



SITE PLANTING LIST				
KEY	BOTANICAL NAME	COMMON NAME	QTY.	SIZE
TREES				
A	GLEDTISIA TRIACANTHOS 'INERMIS 'HALKA'	HALKA HONEYLOCUST	11	2" CAL. MIN
B	ACER PALMATUM 'ATROPURPUREUM'	DWARF JAPANESE MAPLE	1	2" CAL. MIN
SHRUBS				
C	ILEX VERTICILLATA 'RED SPRITE'	'RED SPRITE' WINTERBERRY	18	#3
D	HAMAMELIS VIRGINIANA	WITCH HAZEL	4	#3
SEED				
PSM	PREMIUM SEED MIX (LAWN AREA)		RATE 6LBS/1,000 SF	
CSM	CONSERVATION SEED MIX		RATE 6LBS/1,000 SF	
	BARK MULCH		---	

- SEED MIX NOTES:**
 ALL DISTURBED AREAS SHALL BE LOAMED, PREPARED, AND SEED AS FOLLOWS:
CSM CONSERVATION SEED MIX
 25% CREEPING RED FESCUE
 35% CROWN FESCUE
 35% TALL FESCUE
 5% REDTOP
PSM PREMIUM SEED MIX
 50% RYEGRASS
 20% CHEWINGS FESCUE
 15% CREEPING RED FESCUE
 15% KENTUCKY BLUEGRASS
IC TEMPORARY COVERS, "TC"
 100% WINTER RYES
 NOTE: AN IRRIGATION SYSTEM SHALL BE INSTALLED TO SERVICE ALL SHRUB PLANTINGS AND PREMIUM SEED MIX LAWN AREAS
- TOPSOIL NOTES:**
 1. ALL DISTURBED AREAS TO BE SEED OR PLANTED SHALL RECEIVE TOPSOIL (6" MINIMUM DEPTH).
 2. TOPSOIL SHALL CONSIST OF FERTILE, FRABLE, NATURAL LOAM FREE OF SUBSOIL, CLAY LUMPS, BRUSH, STONES OR OTHER DELETERIOUS MATERIALS LARGER THAN 2" IN GREATEST DIMENSION AND MEETING THE FOLLOWING GRADATION, PH AND ORGANIC CONTENT REQUIREMENTS:
 PERCENT PASSING SIEVE
 2" 100
 1" 85-100
 3/4" 65-100
 NO.200 20-60
 PH RANGE: 5.5 - 7.6
 ORGANIC CONTENT: 2% - 20%
 3. PROPOSED TOPSOIL SHALL BE TESTED BY INDEPENDENT TESTING FACILITY WITH TEST RESULTS SUBMITTED TO THE ENGINEER FOR APPROVAL. CONTRACTOR SHALL PAY FOR ALL TESTING. ACCEPTANCE OF TOPSOIL SHALL BE BASED UPON TEST RESULTS. ONE TEST SHALL BE PERFORMED PER 100 C.Y. OF TOPSOIL.
 4. NATURAL TOPSOIL MAY BE AMENDED WITH APPROVED MATERIALS, BY APPROVED METHODS, TO MEET THE ABOVE SPECIFICATIONS.



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1	6/27/24	LDS	SUBMITTED I/M/C
2	8/12/24	LDS	SUBMITTED FOR SITE PLAN & SPECIAL USE
3	9/10/24	LDS	REVISED PER PLANNING/ENGINEERING/I/M/C
4			
5			

PROJECT #:
 172-02-24

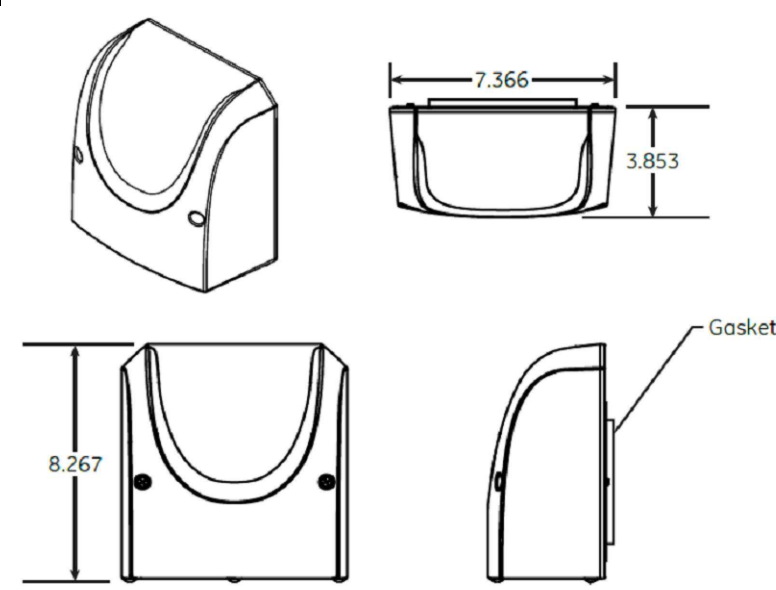
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DATE:
 2/27/24

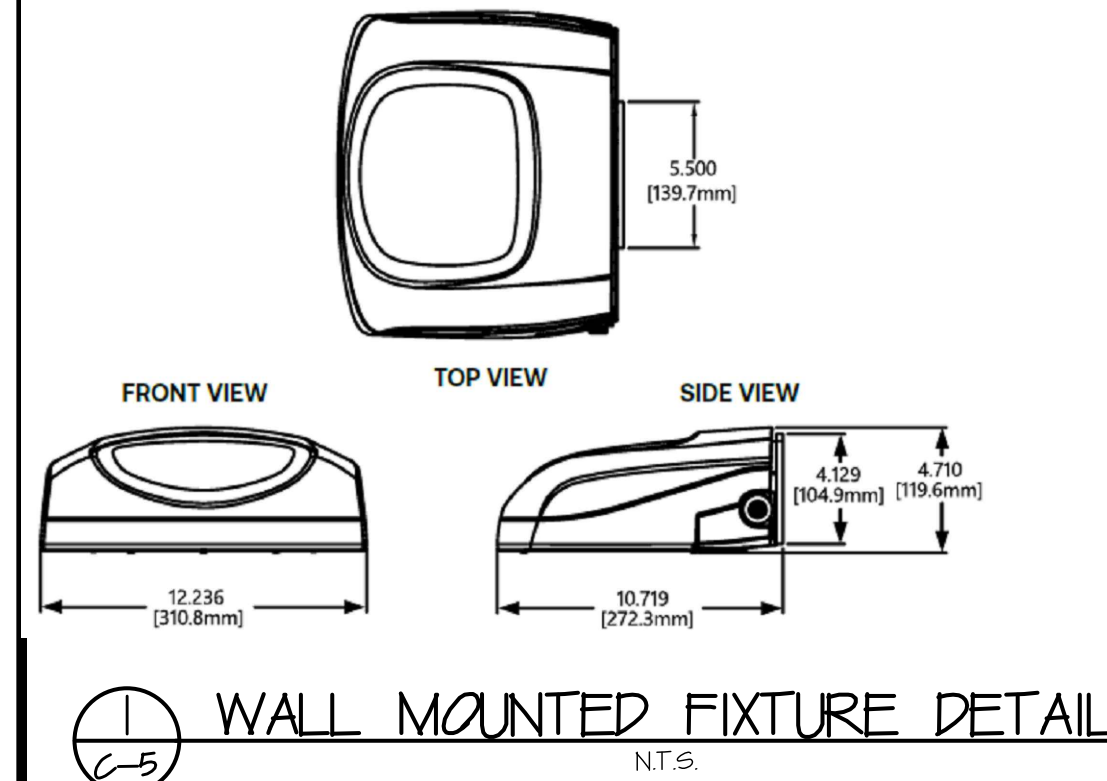
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SHEET:
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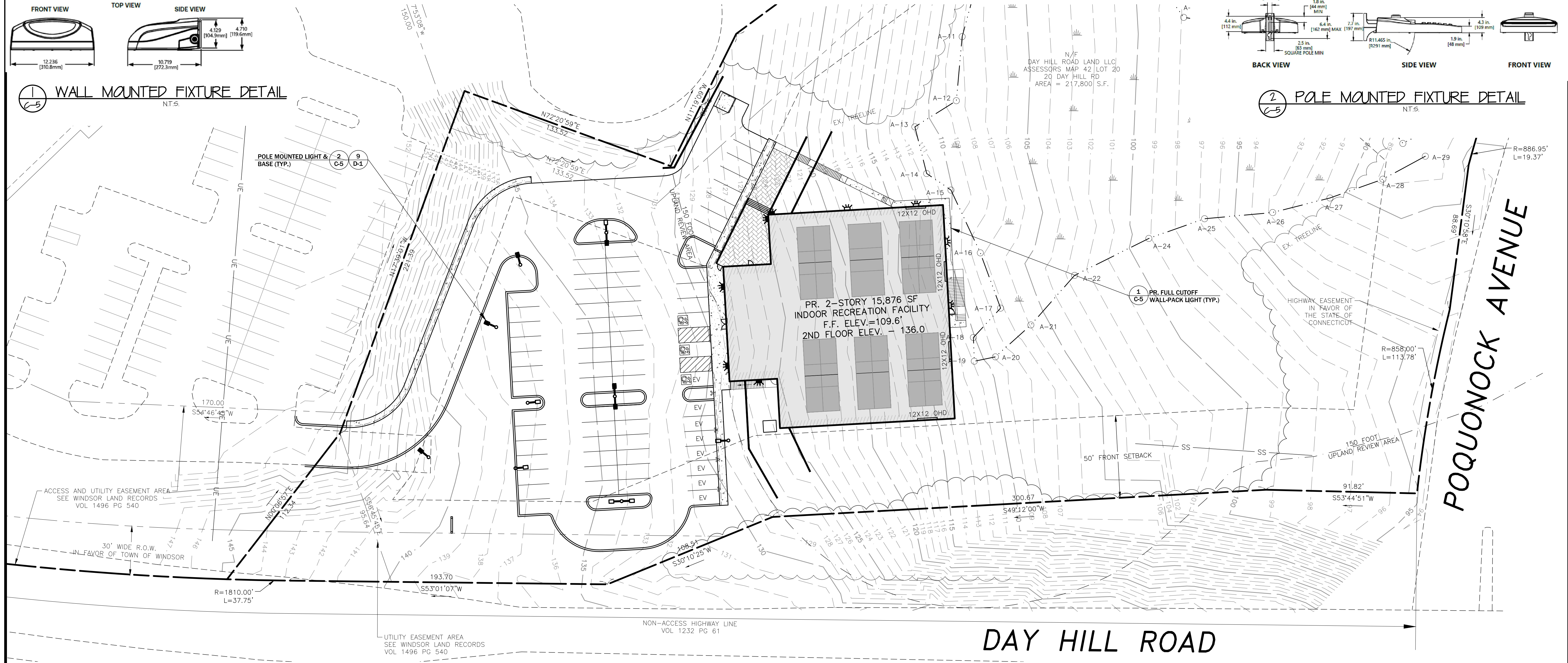
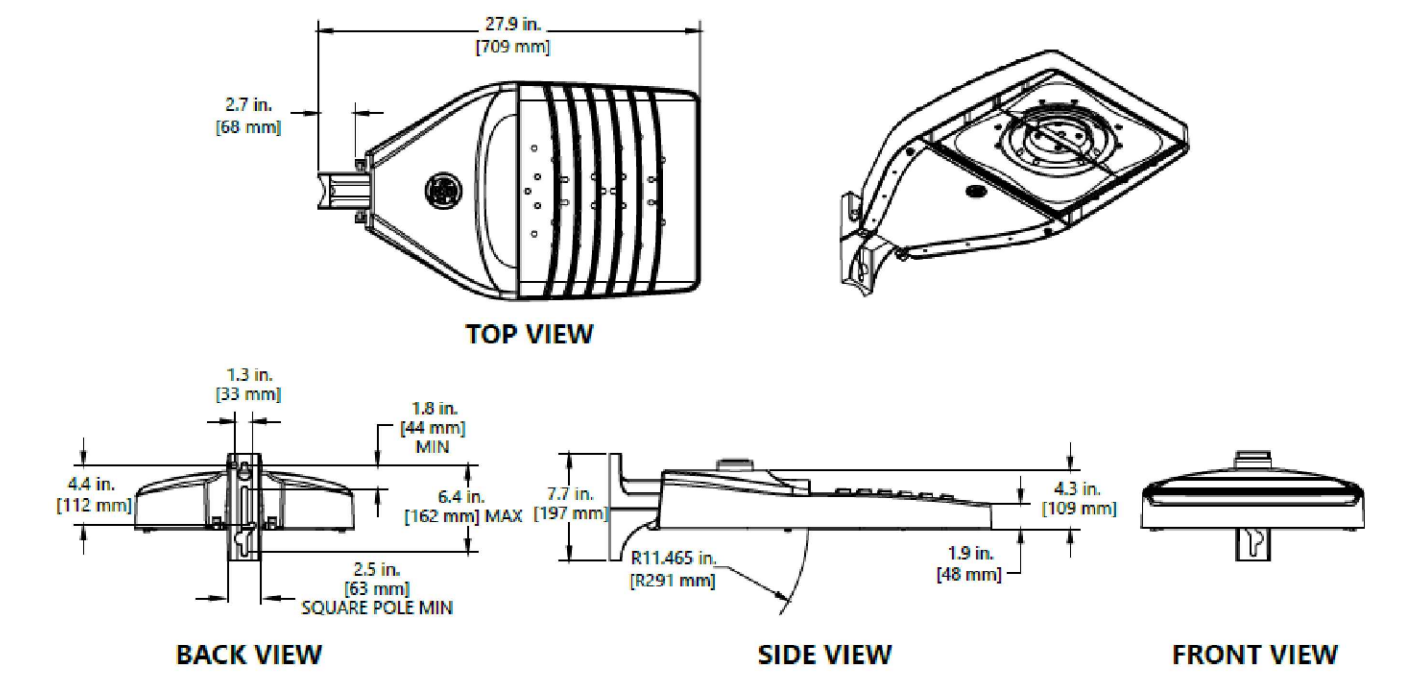
TYPE	OPTIC CODE	DISTRIBUTION	TYPICAL INITIAL LUMENS		TYPICAL SYSTEM WATTAGE		BUG RATINGS	
			3000K	4000K & 6000K	120-277V	347-480V	3000K	4000K & 6000K
			B-U-G	B-U-G	B-U-G	B-U-G	B-U-G	B-U-G
Type IV	A4	Asymmetric Forward (AF)	2900	3000	21	23	B1-U0-G1	B1-U0-G1
	B4		4900	5000	38	38	B1-U0-G1	B1-U0-G1
	C4		7300	7500	56	56	B1-U0-G2	B1-U0-G2
	D4		9800	10000	77	77	B2-U0-G2	B2-U0-G2
	E4		11500	12200	89	89	B2-U0-G2	B2-U0-G2
	F4		13600	14400	109	109	B2-U0-G2	B2-U0-G2
	G4		16100	17000	130	130	B3-U0-G3	B3-U0-G3



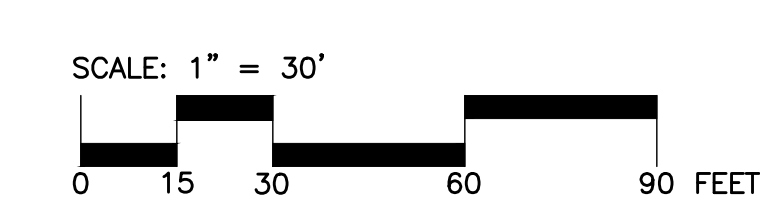
TYPE	OPTIC CODE	DISTRIBUTION	TYPICAL INITIAL LUMENS		TYPICAL SYSTEM WATTAGE		BUG RATINGS	
			3000K	4000K & 6000K	120-277V	347-480V	3000K	4000 & 6000K
			B-U-G	B-U-G	B-U-G	B-U-G	B-U-G	B-U-G
TYPE IV	C4	Asymmetric Forward (AF)	7300	7500	50	50	B1-U0-G2	B1-U0-G2
	D4	Asymmetric Forward (AF)	9800	10000	70	70	B2-U0-G2	B2-U0-G2
	F4	Asymmetric Forward (AF)	14700	15000	116	116	B2-U0-G2	B2-U0-G2
	H4	Asymmetric Forward (AF)	19600	20000	140	140	B3-U0-G3	B3-U0-G3
	J4	Asymmetric Forward (AF)	24500	25000	186	186	B3-U0-G3	B3-U0-G3
	K4	Asymmetric Forward (AF)	29400	30000	239	239	B3-U0-G4	B3-U0-G4
	C4	Asymmetric High Angle (AH)	7000	7200	50	50	B2-U0-G2	B2-U0-G2
	D4	Asymmetric High Angle (AH)	9400	9600	70	70	B2-U0-G2	B2-U0-G2



OPTIC CODE	DISTRIBUTION	TYPICAL INITIAL LUMENS			TYPICAL SYSTEM WATTAGE		BUG RATINGS
		2700K	3000K	4000K/6000K	120-277V	347V	2700K-6000K
17	AF	1400	1600	1700	12	14	B1-U0-G0
25		2200	2400	2500	17	19	B1-U0-G1
40		3500	3800	4000	27	29	B1-U0-G1

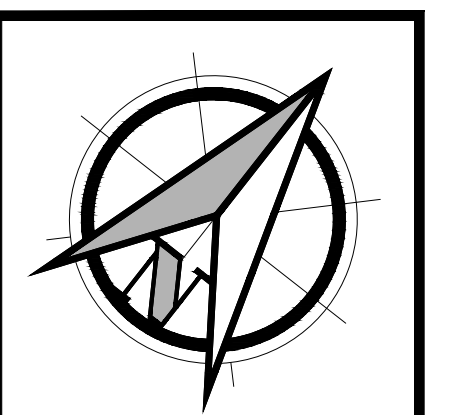


SYMBOL	LAMP	DESCRIPTION	MODEL	WATTS	QUANTITY	BUG
	POLE LIGHT	POLE MOUNTED PARKING LOT FLOOD LIGHT MOUNTED @ 20'-0" HEIGHT	EVOLVE LIGHTING, EALS03_D4-AF-7-30 9,800L-3,000K	70 W	6	B2-U0-G2
	POLE LIGHT	POLE MOUNTED PARKING LOT FLOOD LIGHT MOUNTED @ 20'-0" HEIGHT	EVOLVE LIGHTING, EALS03_C4-AF-7-30 7,300L-3,000K	50 W	6	B1-U0-G2
	WALL PACK	WALL PACK LIGHT MOUNTED @ 24'-0" HEIGHT	EVOLVE LIGHTING, EWAS01_E4-AF-7-30 11,500L-3,000K	77 W	5	B2-U0-G2
	WALL PACK	WALL PACK LIGHT MOUNTED @ 9'-0" HEIGHT	EVOLVE LIGHTING, EWIS02_4-AF-17-30 1,700L-3,000K	12 W	4	B1-U0-G1



DESCRIPTION	PARKING, LOADING AND/OR PEDESTRIAN USE AREAS	EXCLUSIVE VEHICLE USE AREA
AVERAGE FOOT-CANDLES	3.43	2.57
MAXIMUM FOOT-CANDLES	7.0	5.3
MINIMUM FOOT-CANDLES	0.9	1.1
AVERAGE TO MINIMUM FC RATIO (UNIFORMITY RATIO)	3.95	2.41

C-5 PHOTOMETRIC PLAN



PROJECT DESCRIPTION:
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WINDSOR, CT 06095

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Phone: (413) 562-4884

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NO.	DATE	BY	REVISION DESCRIPTION
1	8/12/24	LDS	SUBMITTED FOR SITE PLAN & SPECIAL USE
2	8/22/24	EN	LIGHTING REVISED PER COMMENTS
3	9/10/24	LDS	REVISED PER PLANNING/ENGINEERING/AVWC
4			
5			

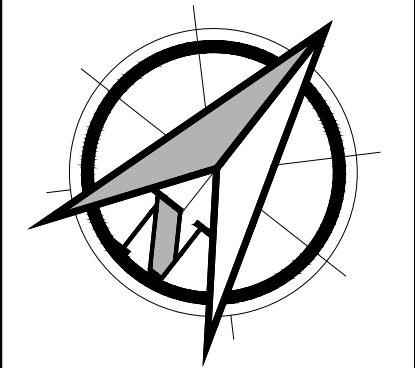
PROJECT #:
172-02-24

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DATE:
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SCALE:
1"=30'

SHEET:
C-5



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 20 DAY HILL RD
 WINDSOR, CT 06095

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20 DAY HILL RD LLC
 279 STATE STREET
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NO.	DATE	BY	REVISION DESCRIPTION
1	6/17/24	LDS	SUBMITTED IMWC
2	8/12/24	LDS	SUBMITTED FOR SITE PLAN & SPECIAL USE
3	9/20/24	LDS	REVISED PER PLANNING/ENGINEERING/IMWC
4			
5			

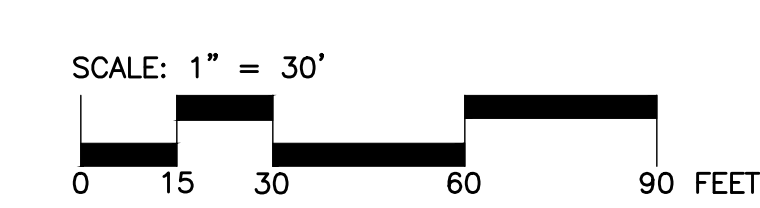
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172-02-24

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LDS

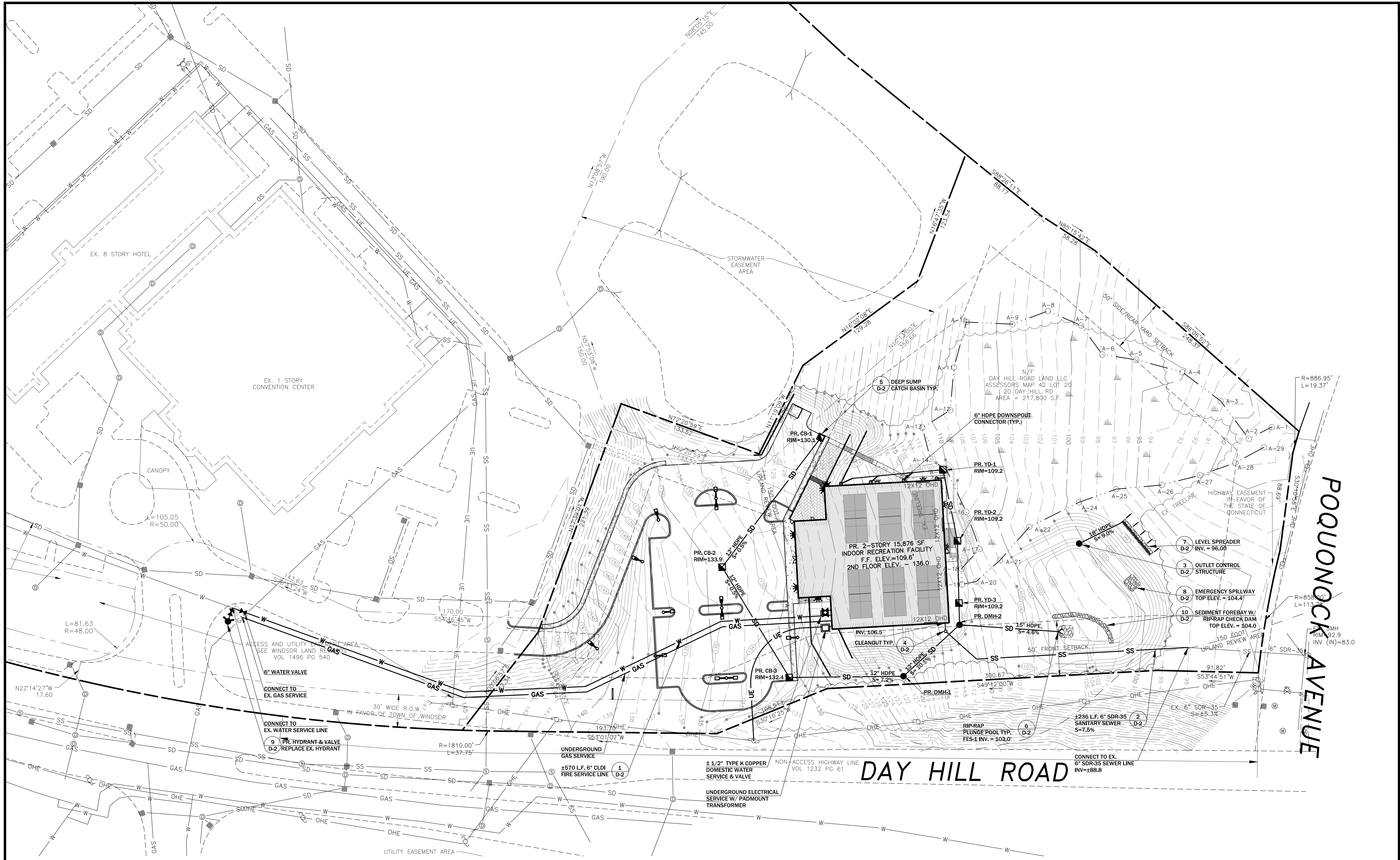
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2/27/24

SCALE:
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SHEET:
C-6

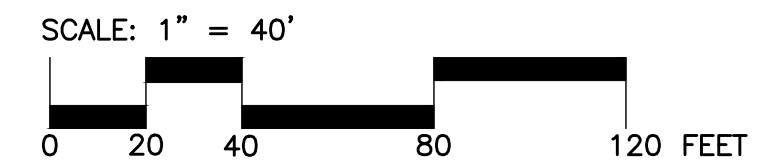


C-6 GRADING PLAN

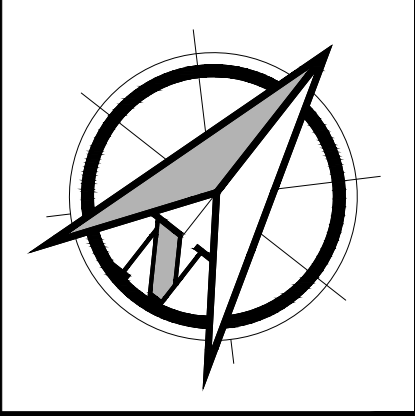


PROPOSED DRAINAGE STRUCTURES

CB-1 RIM= 130.1 INV OUT CB-2= 127.1	DMH-1 RIM= 121.0 INV IN CB-3= 118.0 INV OUT DMH-2= 115.0	YD-1 RIM= 109.6 INV= 108.1
CB-2 RIM= 133.9 INV IN CB-1= 126.3 INV OUT CB-3= 126.2	DMH-2 RIM= 111.0 INV IN DMH-1= 108.0 INV IN YD-3=107.2	YD-2 RIM= 109.5 INV= 107.7
CB-3 RIM= 132.4 INV IN CB-2= 125.6 INV OUT DMH-1= 125.5	YD-3 RIM= 109.5 INV= 107.4	



C-7 UTILITIES PLAN



PROJECT DESCRIPTION:
WINDSOR PICKLEBALL
20 DAY HILL RD
WINDSOR, CT 06095

APPLICANT:
20 DAY HILL RD LLC
279 STATE STREET
SPRINGFIELD, MA 01103

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Westfield, MA 01085
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1	6/27/24	LDS	SUBMITTED IMWC
2	8/12/24	LDS	SUBMITTED FOR SITE PLAN & SPECIAL USE
3	9/10/24	LDS	REVISED PER PLANNING/ENGINEERING/IMWC
4			
5			

PROJECT #:
172-02-24

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DATE:
2/27/24

SCALE:
1"=40'

SHEET:
C-7

**CONSTRUCTION PERIOD
EROSION AND SEDIMENT CONTROL NOTES**

A. GENERAL NOTES

1. ALL EROSION CONTROL MEASURES SHOWN ON THE PLANS, SPECIFIED, AND REQUIRED BY THE ENGINEER SHALL BE INSTALLED PRIOR TO CONSTRUCTION OR IMMEDIATELY UPON REQUEST. EROSION CONTROL MEASURES SHALL BE MAINTAINED UNTIL WORK IS COMPLETE AND/OR PERMANENT VEGETATION IS ESTABLISHED.
2. UNSTABILIZED AREAS THAT HAVE BEEN DISTURBED ARE TO BE LOAMED AND SEEDED WITHIN 14 DAYS AFTER CONSTRUCTION ACTIVITY HAS TEMPORARILY OR PERMANENTLY BEEN COMPLETED.
3. CONSTRUCTION ENTRANCE SHALL BE CONSTRUCTED IN ACCORDANCE WITH THESE DRAWINGS.
4. SILT FENCE SHALL BE INSTALLED IN ACCORDANCE WITH THESE DRAWINGS. SILT FENCE SHOULD BE INSPECTED AND REPAIRED ROUTINELY AND FOLLOWING STORM EVENTS.
5. THE INFILTRATION BASIN SHALL NOT BE USED AS A SEDIMENT CONTROL BASIN DURING CONSTRUCTION

B. EROSION AND SEDIMENT CONTROL NARRATIVE

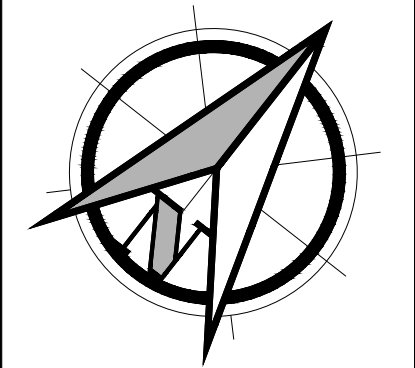
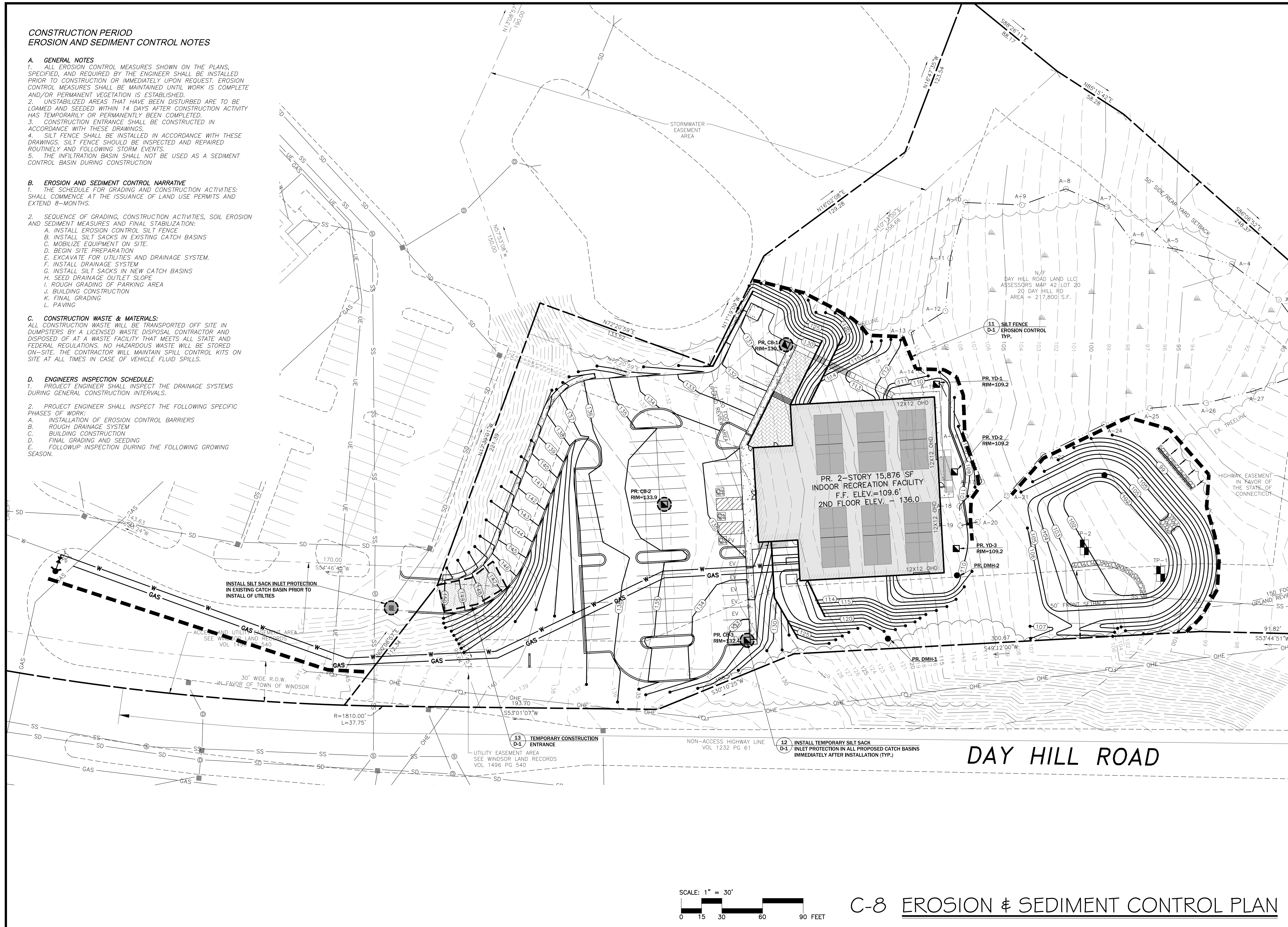
1. THE SCHEDULE FOR GRADING AND CONSTRUCTION ACTIVITIES SHALL COMMENCE AT THE ISSUANCE OF LAND USE PERMITS AND EXTEND 8-MONTHS.
2. SEQUENCE OF GRADING, CONSTRUCTION ACTIVITIES, SOIL EROSION AND SEDIMENT MEASURES AND FINAL STABILIZATION:
 - A. INSTALL EROSION CONTROL SILT FENCE
 - B. INSTALL SILT SACKS IN EXISTING CATCH BASINS
 - C. MOBILIZE EQUIPMENT ON SITE.
 - D. BEGIN SITE PREPARATION
 - E. EXCAVATE FOR UTILITIES AND DRAINAGE SYSTEM.
 - F. INSTALL DRAINAGE SYSTEM
 - G. INSTALL SILT SACKS IN NEW CATCH BASINS
 - H. SEED DRAINAGE OUTLET SLOPE
 - I. ROUGH GRADING OF PARKING AREA
 - J. BUILDING CONSTRUCTION
 - K. FINAL GRADING
 - L. PAVING

C. CONSTRUCTION WASTE & MATERIALS:

ALL CONSTRUCTION WASTE WILL BE TRANSPORTED OFF SITE IN DUMPSTERS BY A LICENSED WASTE DISPOSAL CONTRACTOR AND DISPOSED OF AT A WASTE FACILITY THAT MEETS ALL STATE AND FEDERAL REGULATIONS. NO HAZARDOUS WASTE WILL BE STORED ON-SITE. THE CONTRACTOR WILL MAINTAIN SPILL CONTROL KITS ON SITE AT ALL TIMES IN CASE OF VEHICLE FLUID SPILLS.

D. ENGINEERS INSPECTION SCHEDULE:

1. PROJECT ENGINEER SHALL INSPECT THE DRAINAGE SYSTEMS DURING GENERAL CONSTRUCTION INTERVALS.
2. PROJECT ENGINEER SHALL INSPECT THE FOLLOWING SPECIFIC PHASES OF WORK:
 - A. INSTALLATION OF EROSION CONTROL BARRIERS
 - B. ROUGH DRAINAGE SYSTEM
 - C. BUILDING CONSTRUCTION
 - D. FINAL GRADING AND SEEDING
 - E. FOLLOWUP INSPECTION DURING THE FOLLOWING GROWING SEASON.



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1	6/27/24	LDS	SUBMITTED IMWC
2	8/12/24	LDS	SUBMITTED FOR SITE PLAN & SPECIAL USE
3	9/15/24	LDS	ADDITIONAL EROSION CONTROL PER IMWC
4	9/20/24	LDS	REVISED PER PLANNING/ENGINEERING/IMWC
5			

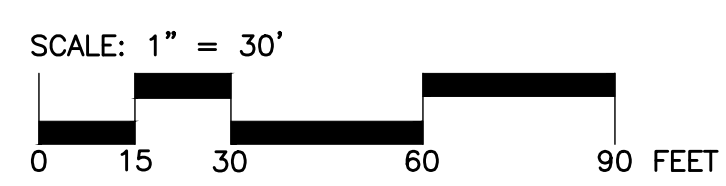
PROJECT #:
172-02-24

DRAWN BY:
LDS

DATE:
2/27/24

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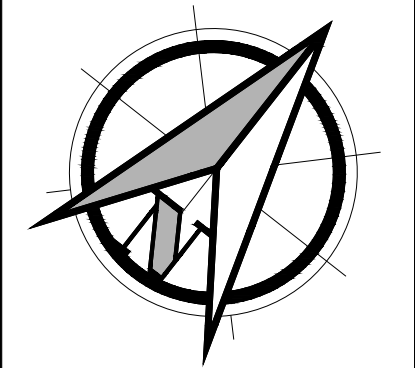
SHEET:
C-8



C-8 EROSION & SEDIMENT CONTROL PLAN



NOTES:
 1) DESIGN VEHICLE IS AAHSTO WB-50 VEHICLE AS SPECIFIED BY WINDSOR FIRE DEPARTMENT REPRESENTATIVE.



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2	8-19-24	PAP	REVISED PER TOWN COMMENTS RECEIVED
3	9/20/24	LDS	REVISED PER PLANNING/ENGINEERING/AVWC
4			
5			

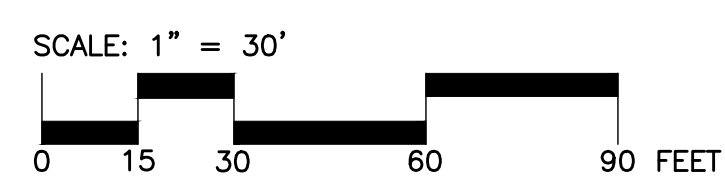
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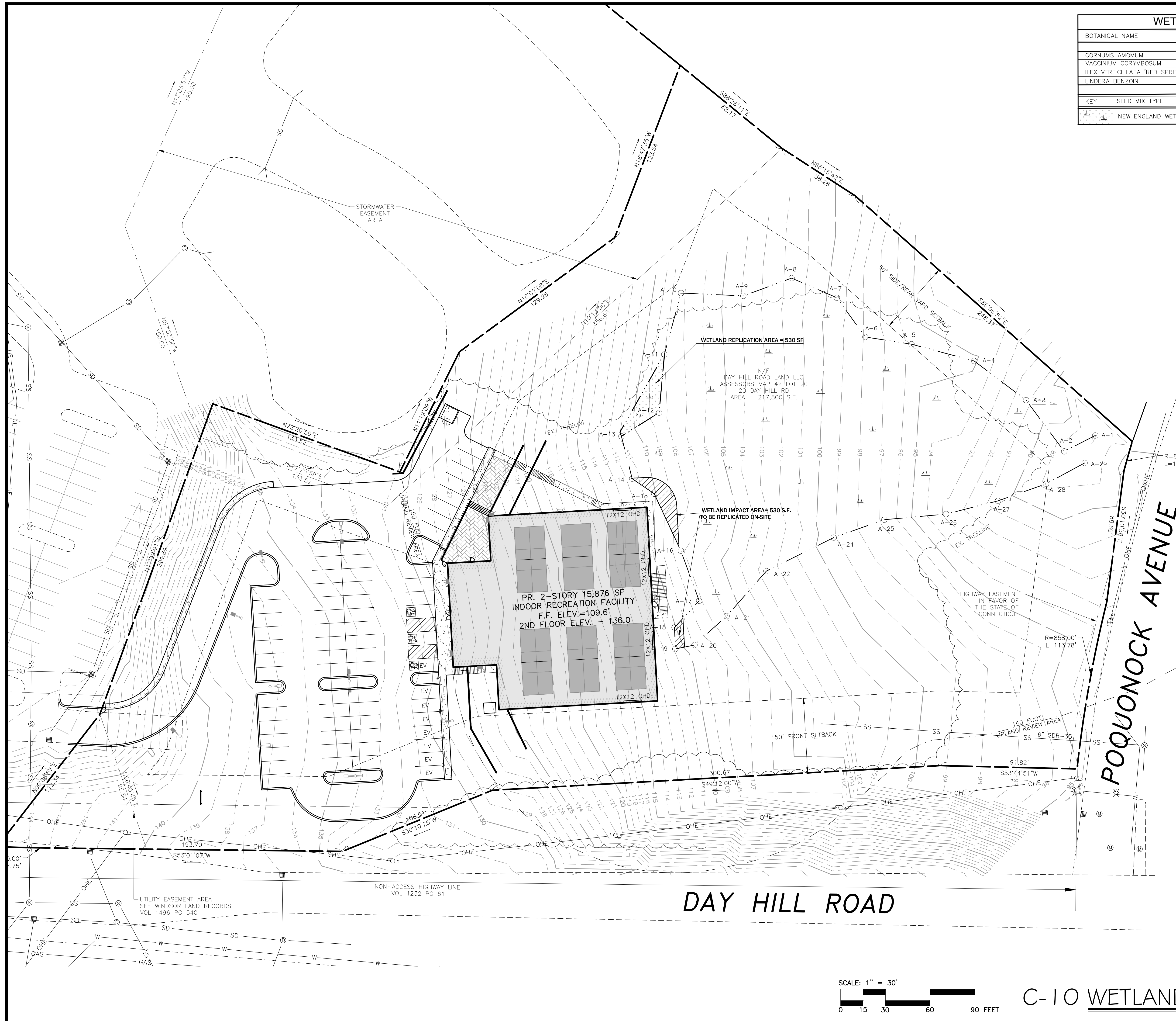
DATE:
 2/27/24

SCALE:
 1"=30'

SHEET:
 C-9



C-9 TRUCK TURNING MOVEMENT PLAN



WETLAND REPLICATION PLANTING LIST				
BOTANICAL NAME	COMMON NAME	INDICATOR	QTY.	SIZE
SHRUBS				
CORNUS AMOMUM	SILKY DOGWOOD	FACW	6	24-36"
VACCINIUM CORYMBOSUM	HIGHBUSH BLUEBERRY	FACW	3	24-36"
ILEX VERTICILLATA "RED SPRITE"	"RED SPRITE" WINTERBERRY	FACW	3	24-36"
LINDERA BENZOIN	SPICEBUSH	FACW	3	24-36"
SEED MIX				
KEY	SEED MIX TYPE	APPLICATION RATE		
	NEW ENGLAND WETMIX	RATE 18 LBS/ACRE		

SEED MIX:
SEED MIX: NEW ENGLAND WETMIX

MIX SPECIES: FOX SEDGE (CAREX VULPINOIDEA), BEARDED SEDGE (CAREX COMOSA), LURID SEDGE (CAREX LURIDA), SOFT RUSH (JUNCUS EFFUSUS), GRASS-LEAVED GOLDENROD (EUTHAMIA GRAMINIFOLIA), BONESET (EUPATORIUM PERFORIATUM), HOP SEDGE (CAREX LUPULINA), BLUE VERVAIN (VERBENA HASTATA), NODDING SEDGE (CAREX GYNANDRA), GREEN BULRUSH (SCIRPUS ATROVIRENS), SENSITIVE FERN (ONOCLEA SENSIBILIS), BLUE FLAG IRIS (IRIS VERSICOLOR), WOOLGRASS (SCIRPUS CYPERINUS), SPOTTED JOE PYE WEED (EUPATORIUM MACULATUM), SWAMP MILKWEED (ASCLEPIAS INCARNATA), MONKEY FLOWER (MIMULUS RINGENS), SOFT-STEM BULRUSH (SHOENOPLECTUS TABERNAEMONTANI) (EX- S. VALIDUS), HARDSTEM BULRUSH (SHOENOPLECTUS ACUTUS) (EX-SCIRPUS ACUTUS), NODDING BUR MARI GOLD (BIDENS CERNUA), FLAT-TOP ASTER (ASTER UMBELLATUS).

SOURCE: NEW ENGLAND WETLAND PLANTS, 14 PEARL LANE, SOUTH HADLEY, MA 413-548-8000

- REPLICATION SEQUENCE:**
- 1) STAKE OUT APPROVED REPLICATION AREA VIA FIELD SURVEY.
 - 2) INSTALL/REPLENISH EROSION CONTROL MEASURES ON DOWNGRADIENT SIDE OF WORK AREA.
 - 3) EXISTING TOPSOIL TO BE STOCKPILED FROM WETLAND IMPACT AREA FOR REUSE.
 - 4) REMOVE 8-12" OF TOPSOIL FROM WITHIN BOUNDARIES OF REPLICATION AREA. INSTALL STOCKPILED TOPSOIL FROM WETLAND AREA.
 - 5) INSTALL SHRUBS PLANTINGS AS LISTED BELOW AT THE SPECIFIED SPACING.
 - 6) GRADE/RAKE SMOOTH TOPSOIL BETWEEN PLANTINGS WITH HAND TOOLS.
 - 7) APPLY SEED MIX PER SCHEDULE AND RATE SPECIFIED BELOW.
 - 8) APPLY MULCHING OVER PLANTED AREAS AS DESCRIBED BELOW.
 - 9) REPAIR OR REPLACE EROSION CONTROLS AS NEEDED UNTIL AREA IS PERMANENTLY STABILIZED.

- SHRUBS PLANTING:**
- SHRUBS SHALL BE PLANTED IN QUANTITIES LISTED IN THE WETLAND REPLICATION PLANTING LIST. SHRUB PLANTINGS SHALL BE SPACED AT 5-6 FEET ON CENTER. PLANTINGS SHALL BE ARRANGED IN A RANDOM PATTERN.
- 1) NEW NURSERY STOCK SHALL BE USED FOR PLANTINGS
 - 2) DIG HOLE TWICE AS WIDE, AND AS DEEP AS THE CONTAINER.
 - 3) REMOVE CONTAINER AND GENTLY BREAK UP ROOT BALL.
 - 4) BACKFILL WITH THE DUG SOIL. FOOT COMPACTING AS ITS PLACED TO AVOID AIR POCKETS.
 - 5) PROVIDE A THOROUGH WATERING OF PLANTINGS AFTER INSTALLATION. SUPPLEMENTAL WATERINGS MAY BE REQUIRED DEPENDING ON WEATHER.

MULCHING:

ALL NEWLY SEEDD AREAS SHALL BE COVERED WITH CLEAN STRAW MULCH. SPREAD AT A RATE OF 90 LBS PER 1,000 SQUARE FEET.

SHRUB PLANTINGS SHALL BE SURROUNDED BY A MINIMUM OF 4" THICK WOOD CHIPS OR BARK MULCH TO RETAIN MOISTURE AND CONTROL WEEDS. MULCH RING SHALL BE THREE-FOOT DIAMETER AROUND STEM OF SHRUB.

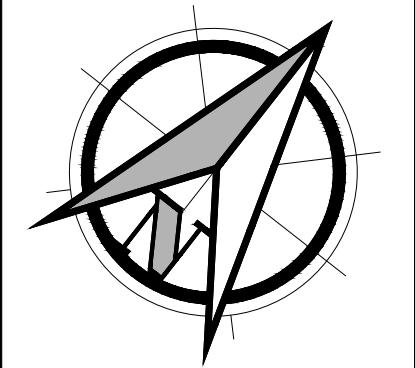
MONITORING:

UPON COMPLETING THE CONTRACTOR SHALL NOTIFY FURROW ENGINEERING FOR AN INSPECTION. FURROW SHALL INSPECT THE INSTALLATION FOR COMPLIANCE WITH THIS NARRATIVE. A REPORT WILL BE SUBMITTED TO THE IIWC AGENT.

IN THE NEXT GROWING SEASON AFTER PLANTING FURROW SHALL CONDUCT A SECOND INSPECTION TO DETERMINE PLANT SURVIVAL AND OVERALL HEALTH. A SURVIVAL RATE OF 80% IS REQUIRED OR ADDITIONAL PLANTINGS WILL BE REQUIRED. FURROW SHALL SUBMIT A REPORT TO THE IIWC AGENT WITH FINDINGS AND RECOMMENDATIONS.

EROSION CONTROLS SHALL BE REMOVED ONCE AREA IS STABILIZED. ANY ACCUMULATED SEDIMENT SHALL BE REMOVED AND DISPOSED OF OUTSIDE THE WETLAND AREA AND THE UPLAND REVIEW AREA.

IN THE FALL OF EACH YEAR, HAND PRUNING OR STRING LINE TRIMMER SHALL BE USED TO REMOVE COMPETING PLANTS AROUND SHRUB PLANTINGS UNTIL THEY HAVE ESTABLISHED.



PROJECT DESCRIPTION:
WINDSOR PICKLEBALL
20 DAY HILL RD
WINDSOR, CT 06095

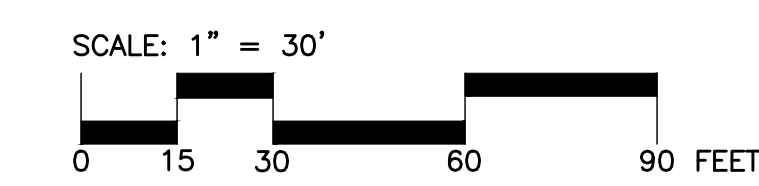
APPLICANT:
20 DAY HILL RD LLC
275 STATE STREET
SPRINGFIELD, MA 01103

Furrow Engineering
199 Servistar Industrial Way - Suite 2
Westfield, MA 01085
Phone: (413) 562-4884

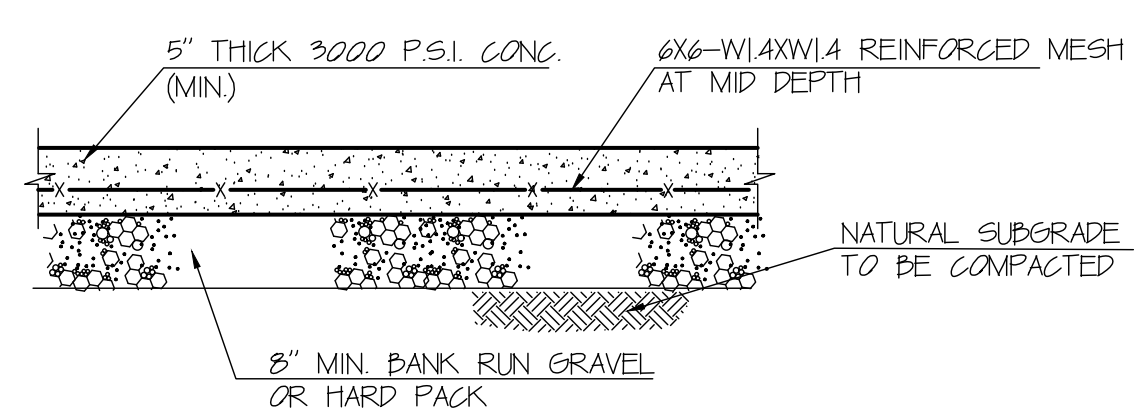
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NO.	DATE	BY	REVISION DESCRIPTION
1			
2			
3			
4			
5			

PROJECT # 172-02-24
DRAWN BY: LDS
DATE: 9/20/24
SCALE: 1"=30'
SHEET: C-10

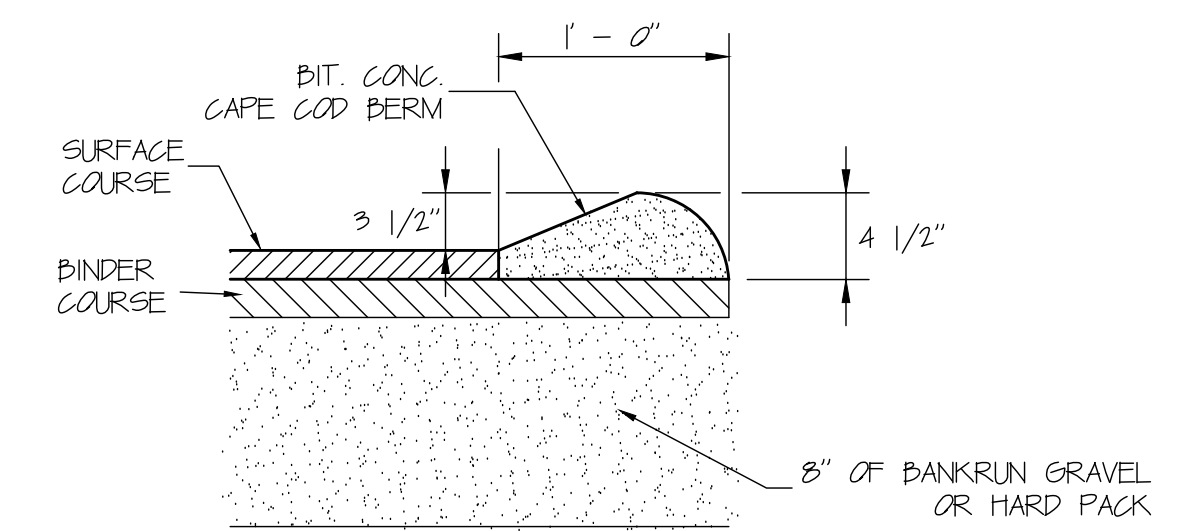


C-10 WETLAND REPLICATION PLAN

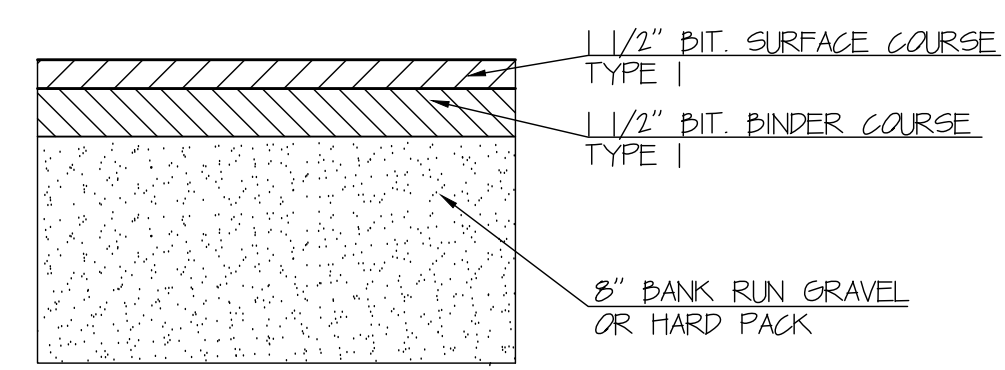


NOTES:
 1. CONTROL JOINTS 5' MAX O.C. EACH WAY
 2. EXPANSION JOINTS 20' MAX SPACING

1 EXTERIOR CONCRETE TYP. CROSS-SECTION
 D-1 N.T.S.

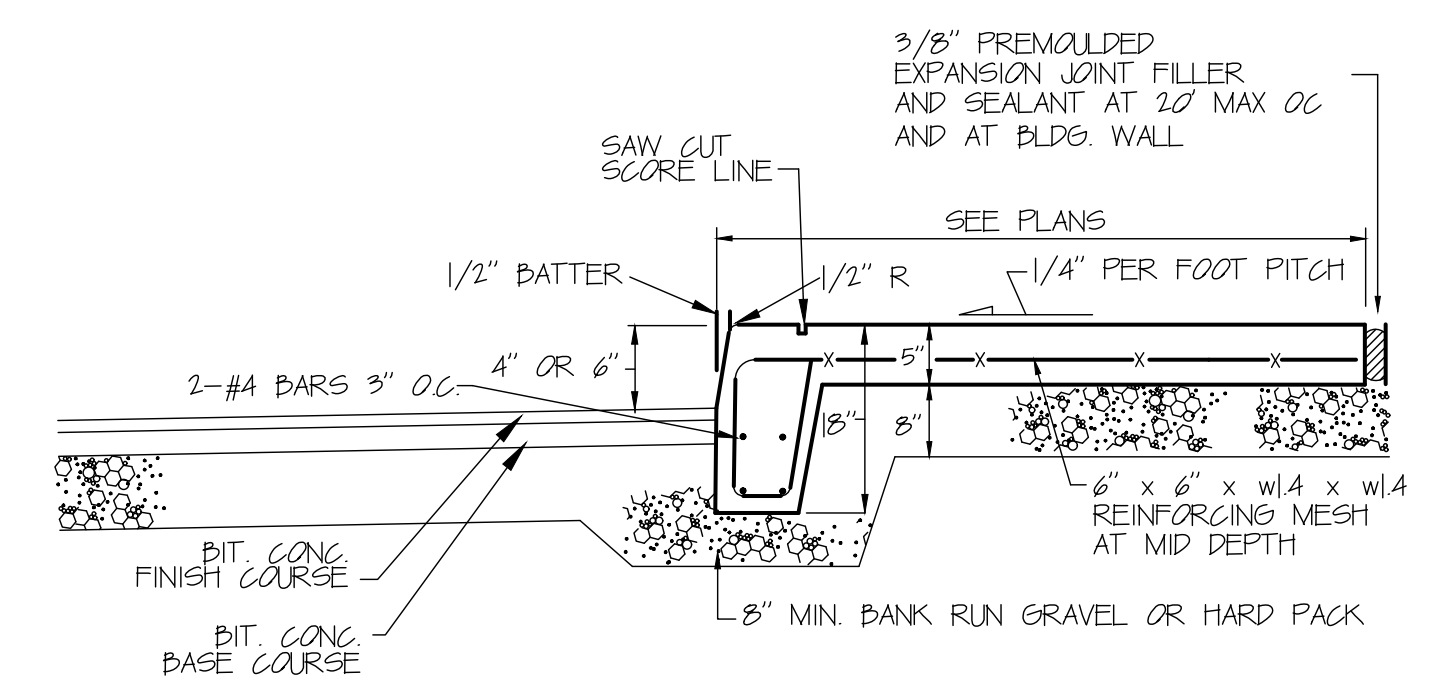


2 BITUMINOUS CONCRETE BERM DETAIL
 D-1 N.T.S.

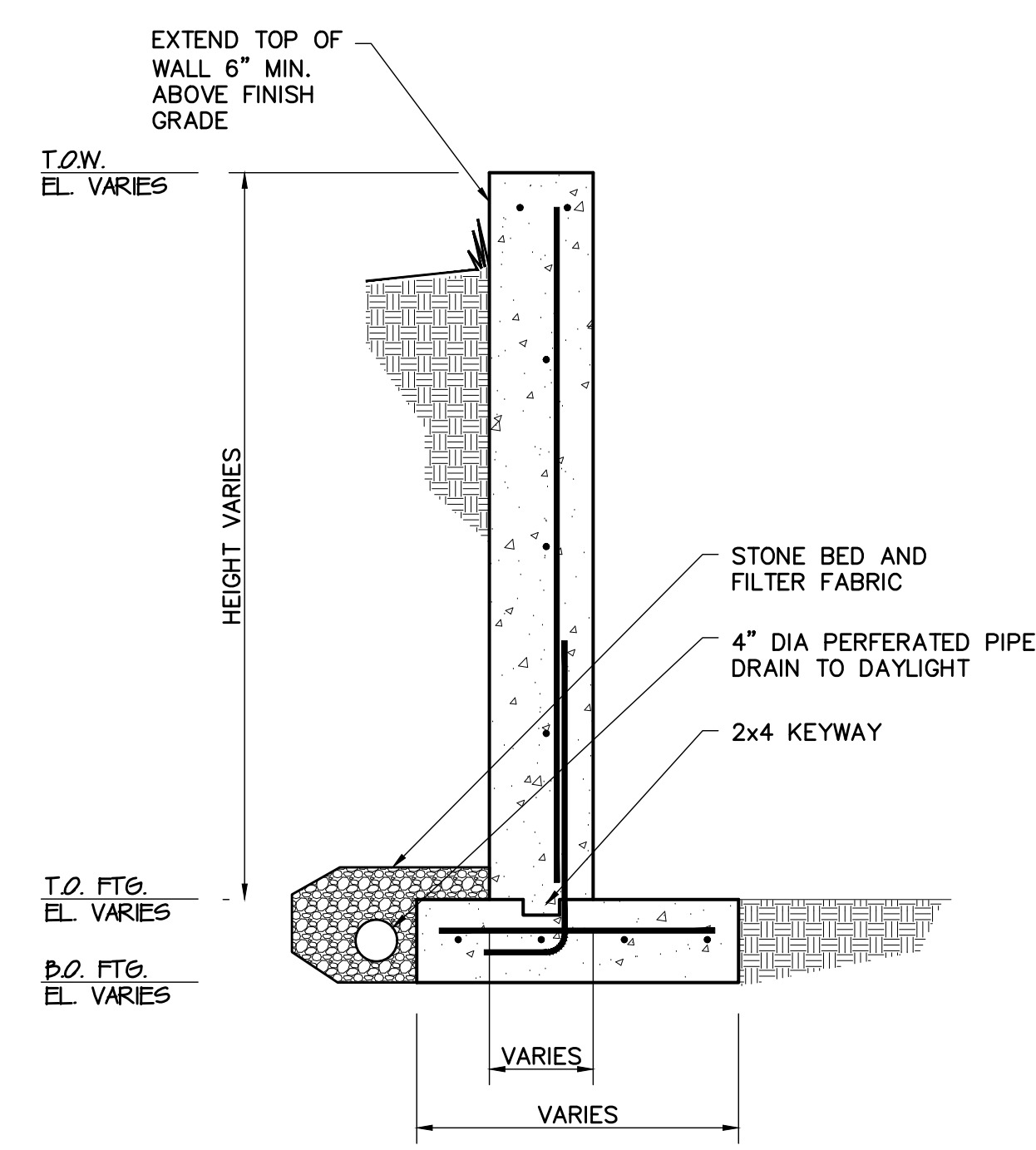


NOTE: 1. SURFACE AND BINDER COURSE SHALL CONFORM TO MHD STANDARD SPECIFICATIONS, SECTION 460 CLASS 1 BITUMINOUS CONCRETE PAVEMENT TYPE 1-1
 2. GRAVEL TO BE COMPACTED IN 4" LIFTS AND APPROVED BY SITE ENGINEER

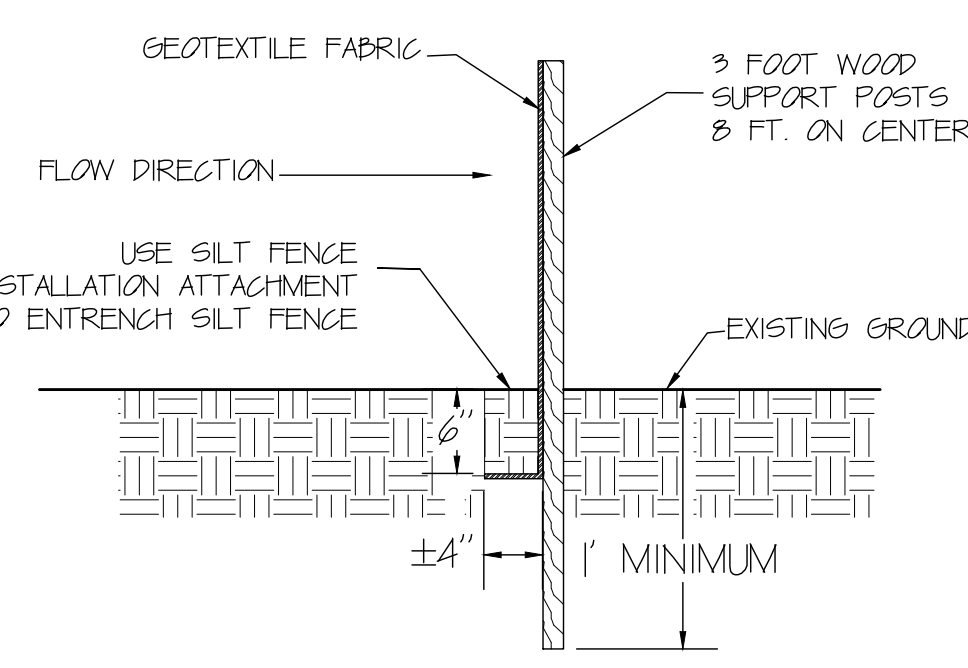
3 BITUMINOUS CONCRETE PAVEMENT DETAIL
 D-1 N.T.S.



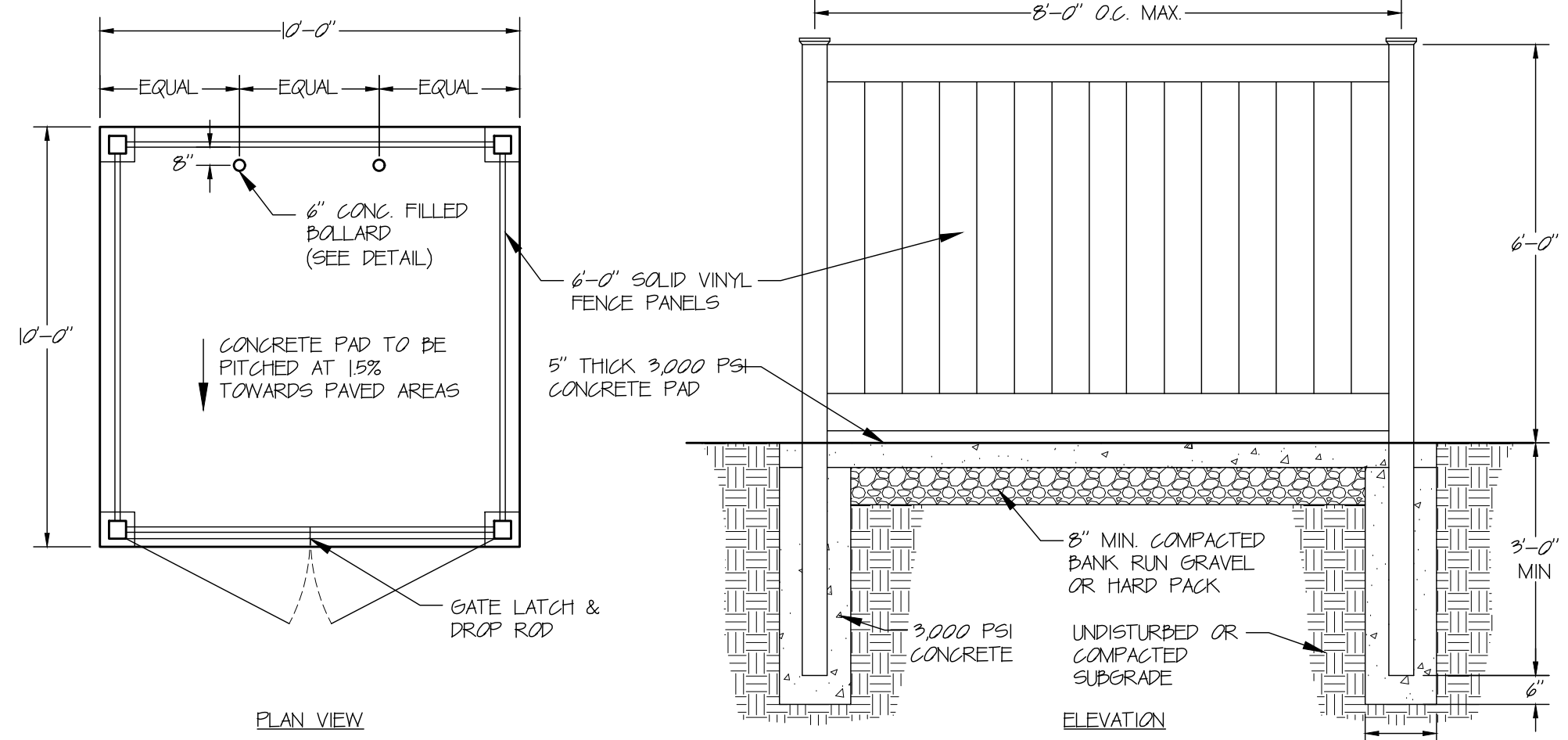
4 CONCRETE SIDEWALK WITH INTEGRAL CURB DETAIL
 D-1 N.T.S.



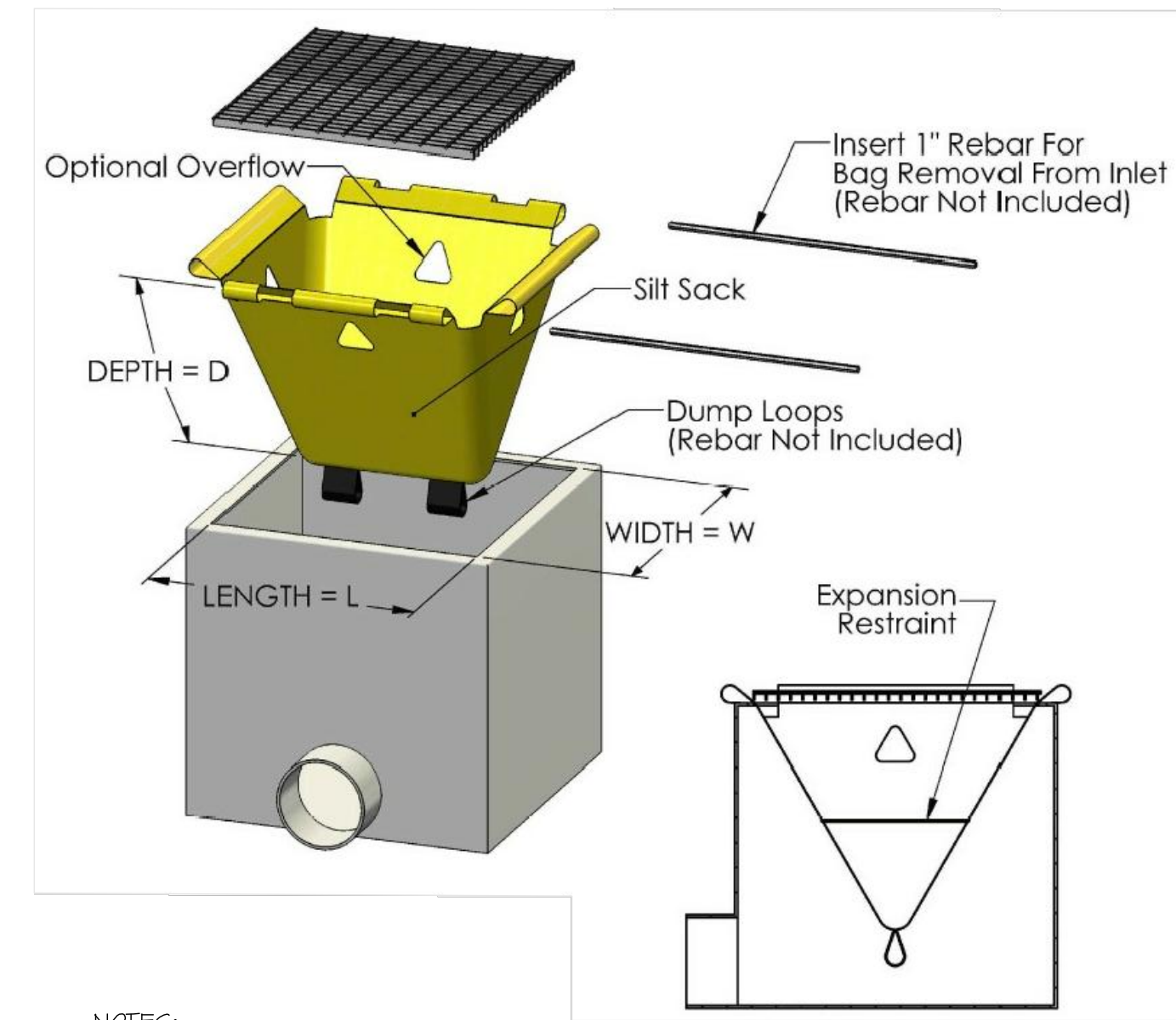
5 CAST IN PLACE CONCRETE RETAINING WALL DETAIL
 D-1 N.T.S.



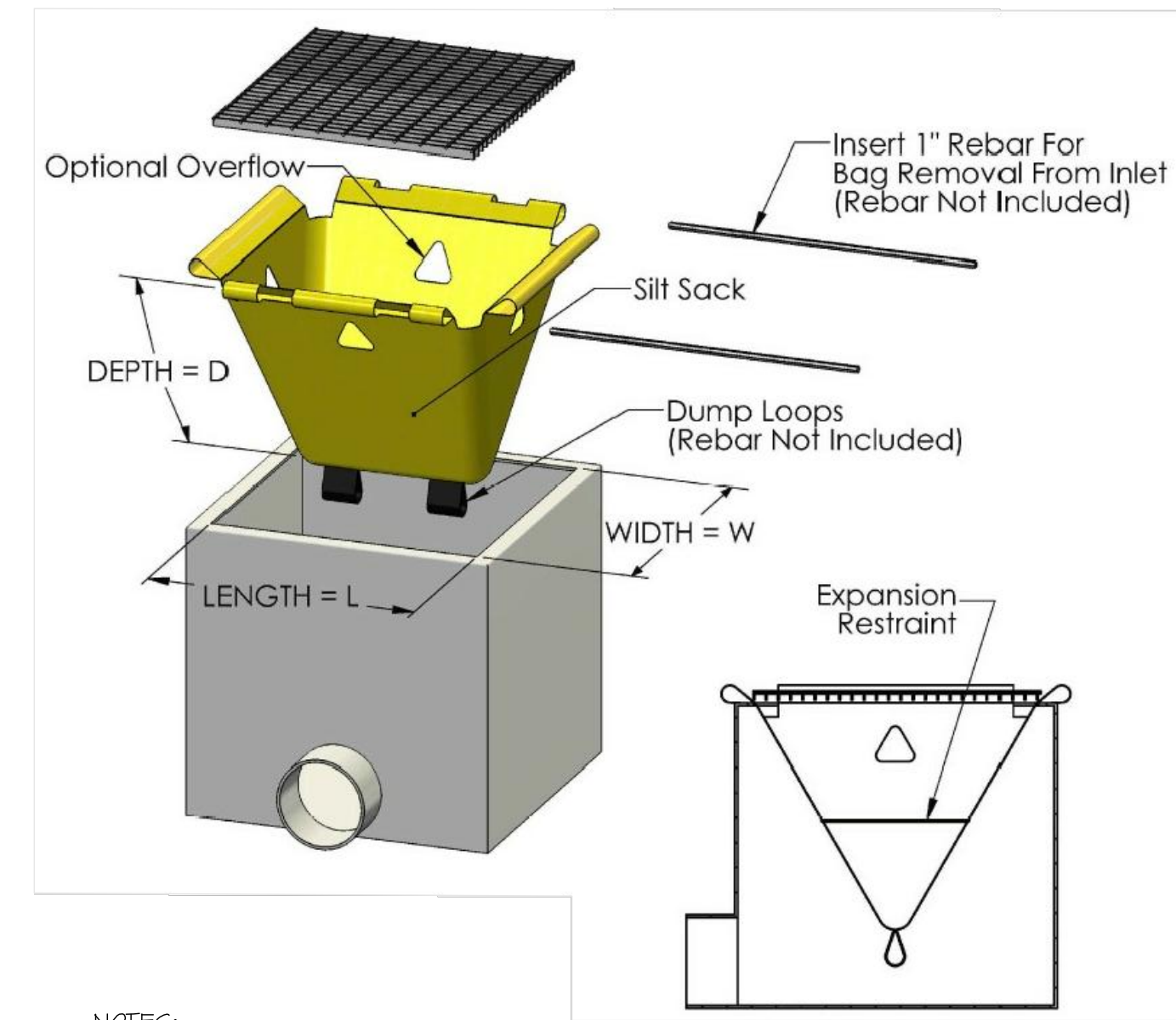
6 EXTERIOR ACCESSIBLE PARKING SIGNAGE
 D-1 N.T.S.



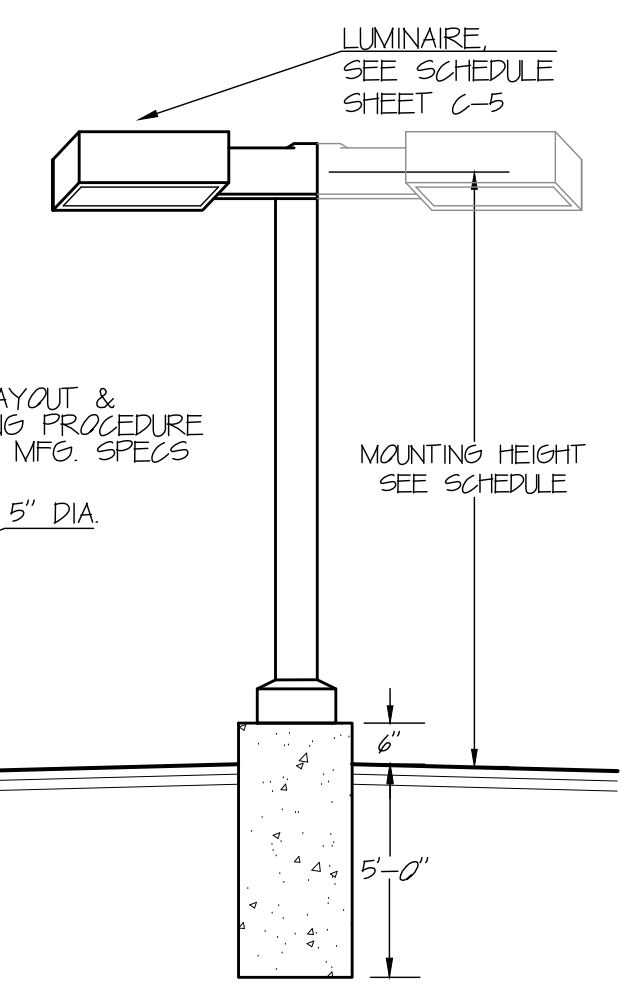
7 DUMPSTER ENCLOSURE DETAIL
 D-1 N.T.S.



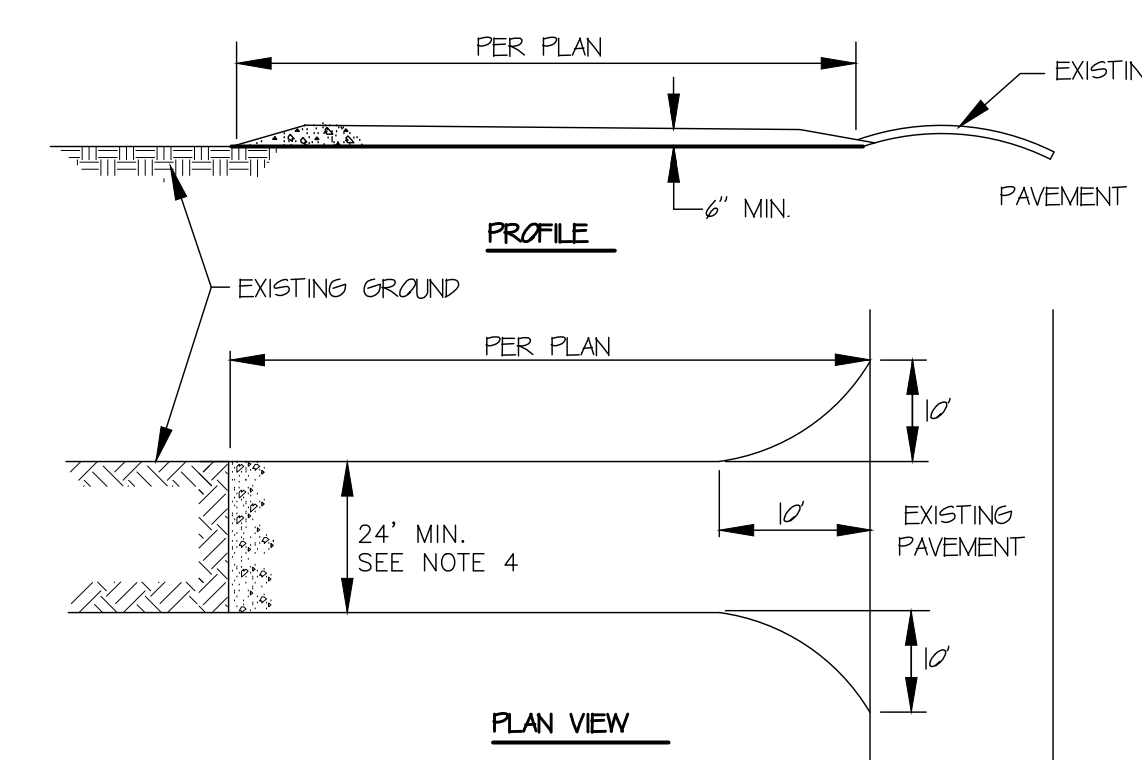
8 DECIDUOUS TREE DETAIL
 D-1 N.T.S.



9 PALE MOUNTED LIGHT & BASE DETAIL
 D-1 N.T.S.



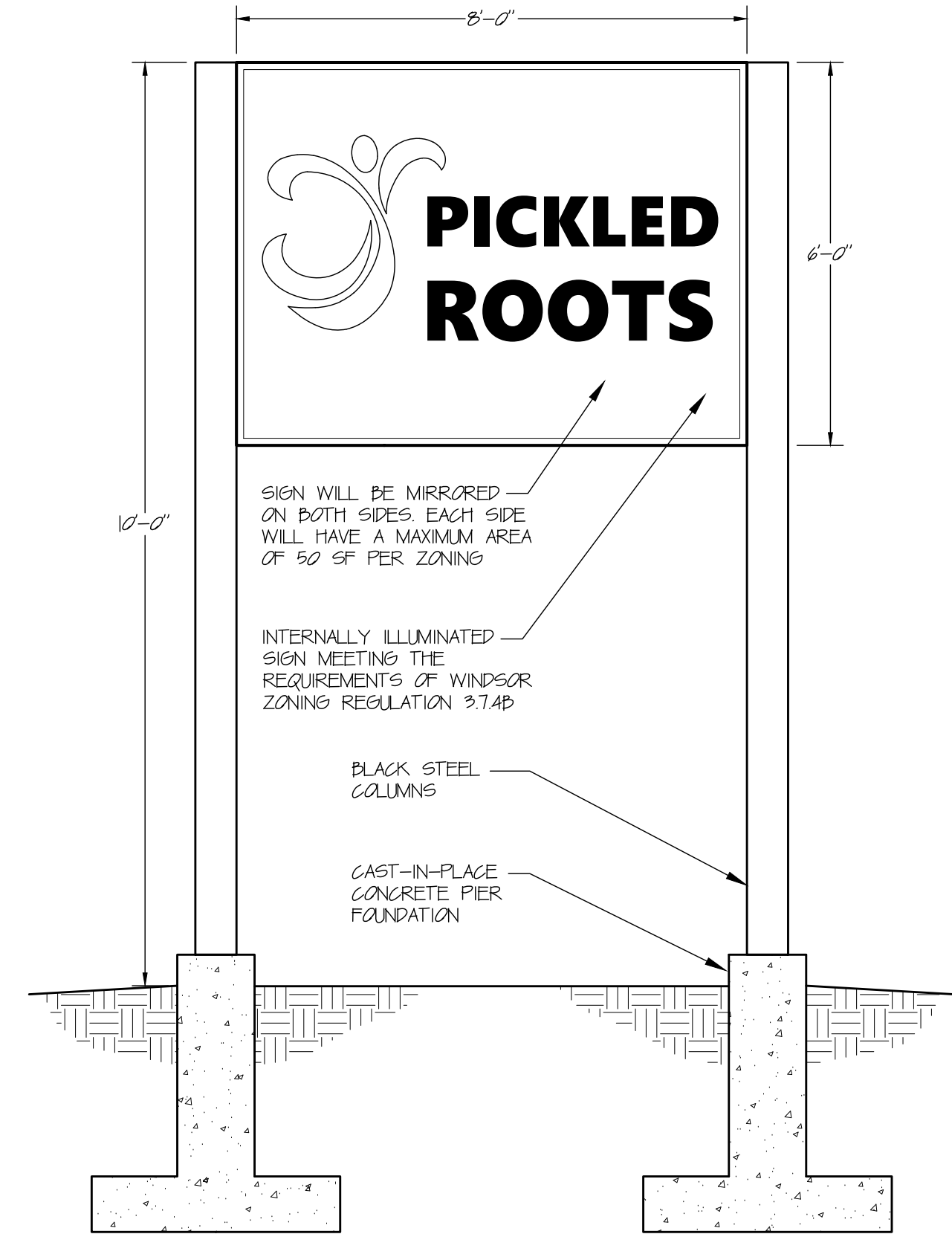
10 SHRUB PLANTING DETAIL
 D-1 N.T.S.



11 SILT SACK INLET PROTECTION
 D-1 N.T.S.

- STONE SIZE-USE 1" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
- LENGTH-AS REQUIRED, BUT NOT LESS THAN 50'
- THICKNESS-NOT LESS THAN 6"
- WIDTH- 24" MINIMUM FOR SINGLE ENTRANCE TO SITE, 12' MINIMUM FOR MULTIPLE ENTRANCE TO SITE
- FILTER CLOTH-WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
- MAINTENANCE-THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED, OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
- PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

12 CONSTRUCTION ENTRANCE PLAN
 D-1 N.T.S.



13 FREESTANDING SIGN DETAIL
 D-1 N.T.S.

- NOTES:
 1. SIGN SHALL CONFORM TO TOWN OF WINDSOR, CONNECTICUT ZONING REGULATIONS.
 2. FINAL GRAPHIC DESIGN OF SIGN TO BE COMPLETED BY GC AND SUBMITTED TO OWNER FOR APPROVAL.

14 D-1 DETAIL SHEET

PROJECT DESCRIPTION:
 WINDSOR PICKLED
 20 DAY HILL RD
 WINDSOR, CT 06095

APPLICANT:
 20 DAY HILL RD LLC
 275 STATE STREET
 SPRINGFIELD, MA 01103

Furrow
 Engineering

199 Servistar Industrial Way - Suite 2
 Westfield, MA 01085
 Phone: (413) 562-4884

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NO.	DATE	BY	REVISION DESCRIPTION
1	6-17-24	LDS	SUBMITTED IMWC
2	8/12/24	LDS	SUBMITTED FOR SITE PLAN & SPECIAL USE
3	8-19-24	PAP	REVISED PER TOWN COMMENTS RECEIVED
4			
5			

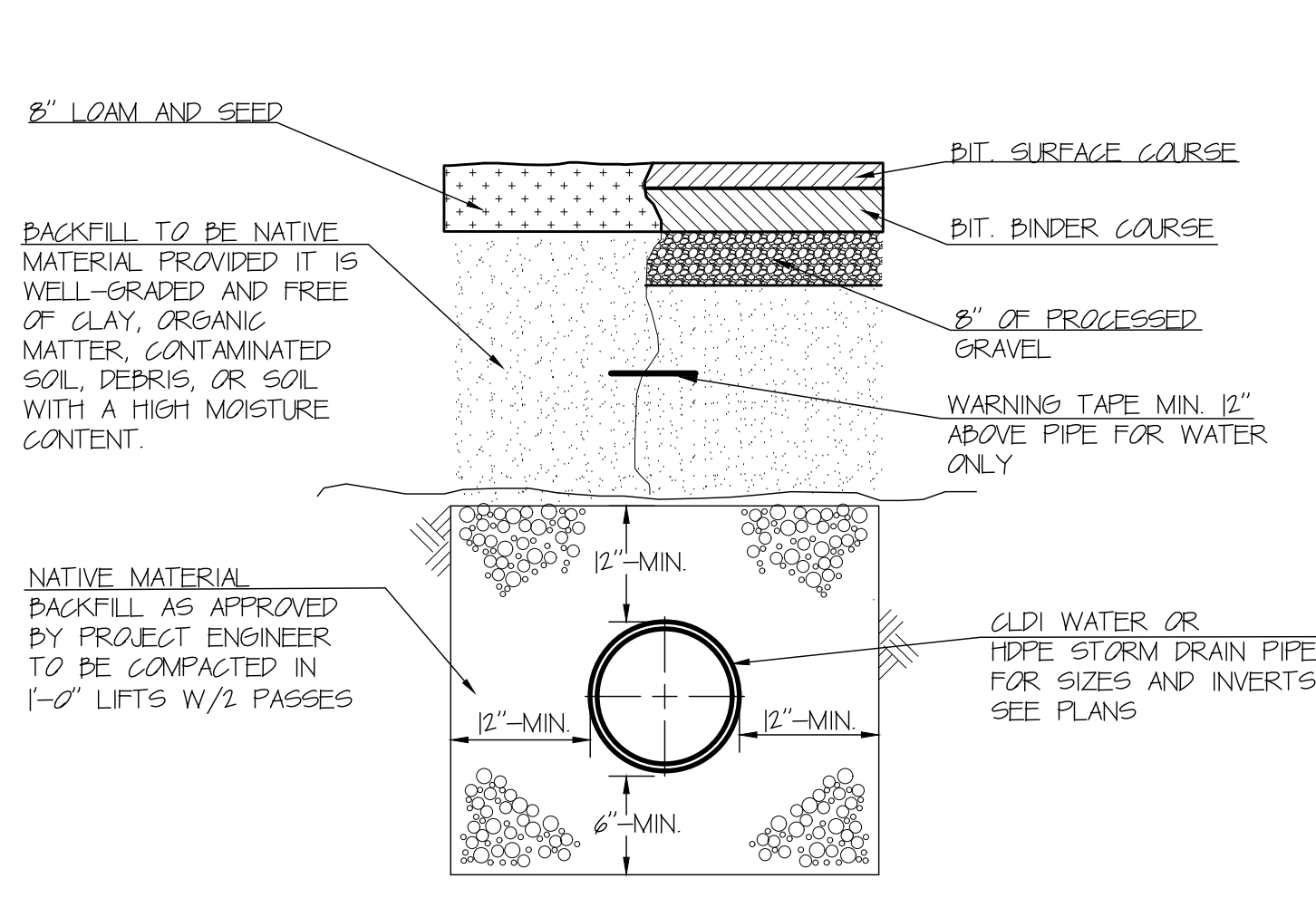
PROJECT #:
 172-02-24

DRAWN BY:
 LDS

DATE:
 2/27/24

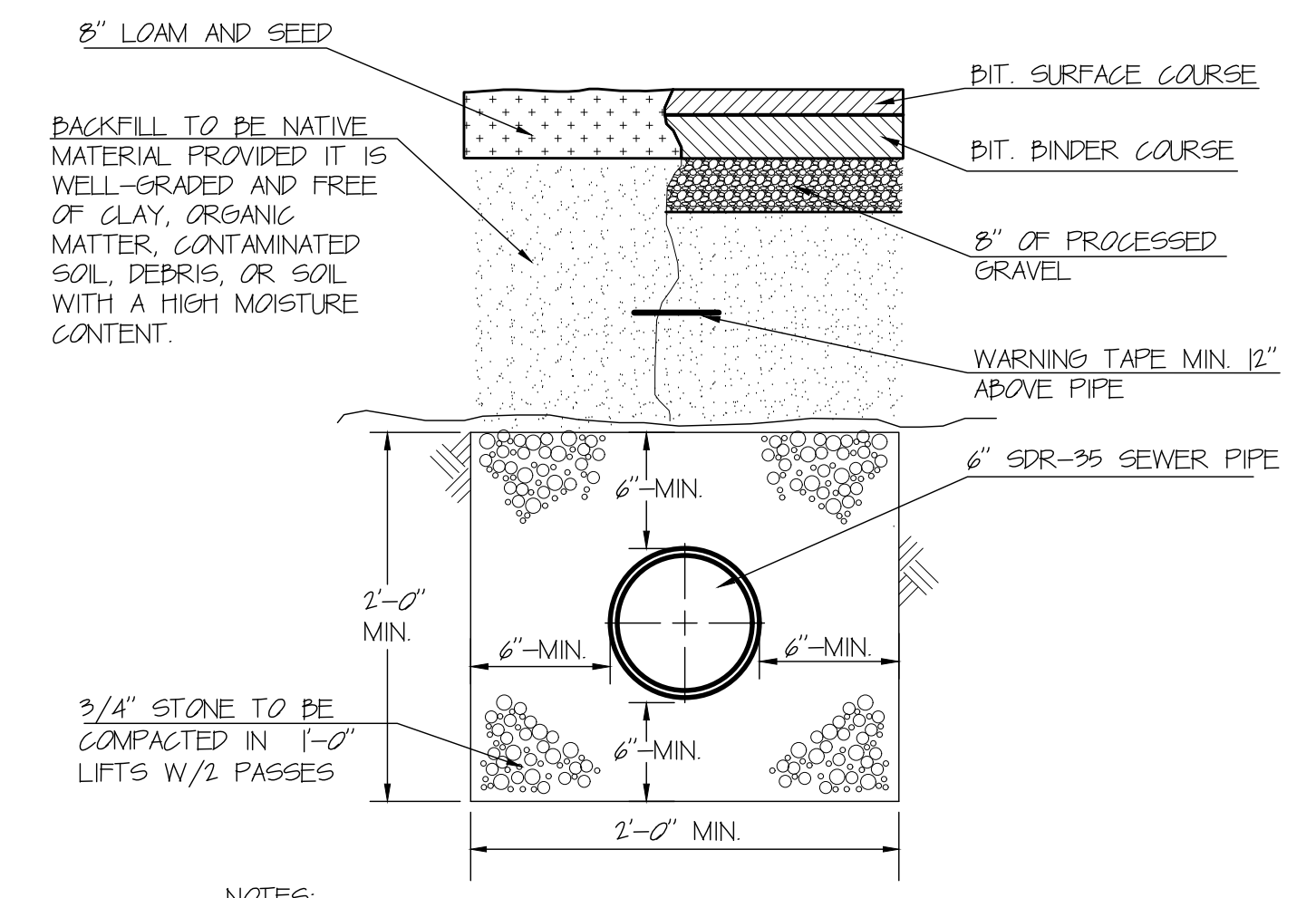
SCALE:
 1"=30'

SHEET:
 D-1



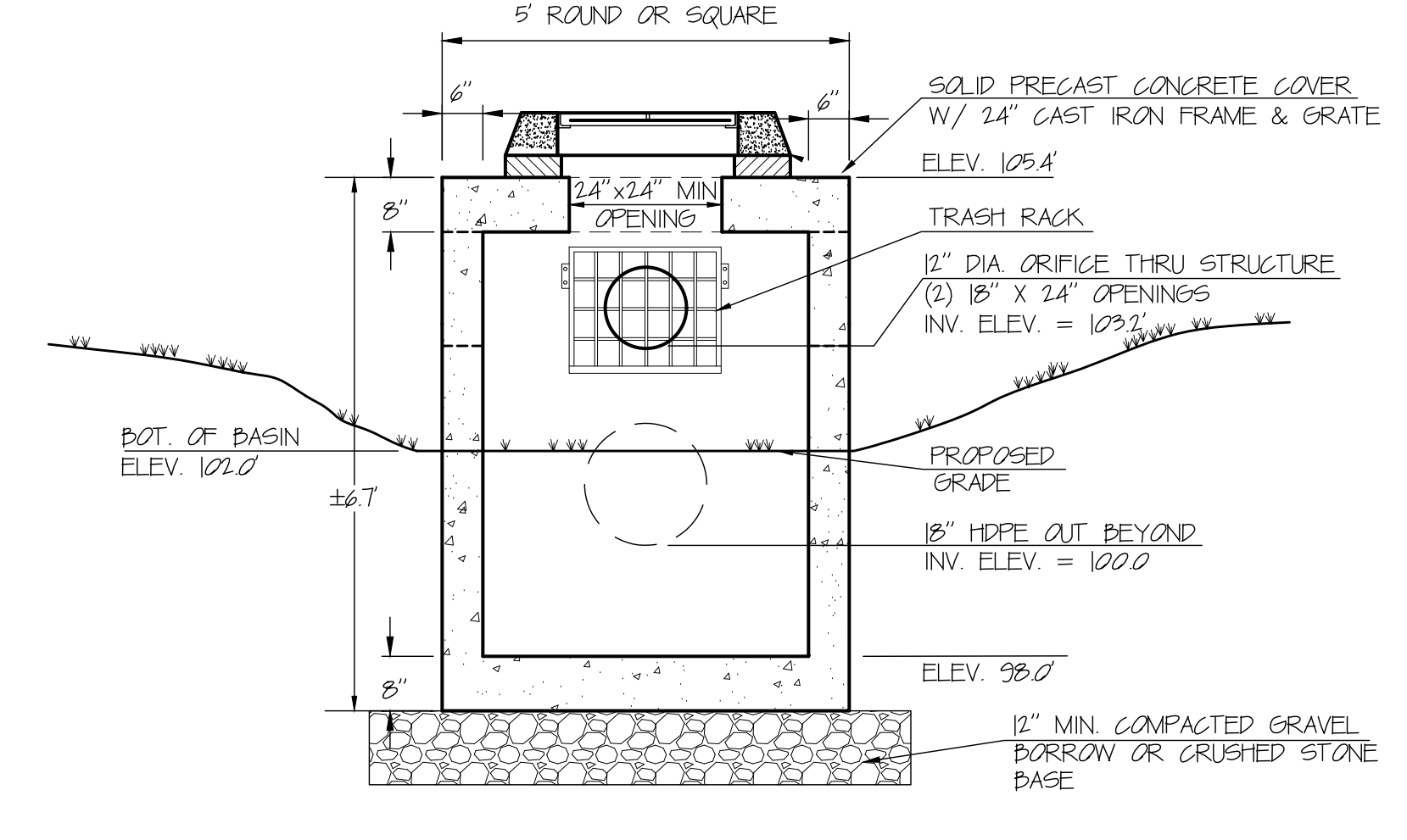
NOTES:
 1. 5'-0" MINIMUM COVER FOR WATER MAIN ONLY.
 2. FOR PAVED AREAS COMPACT ALL BACKFILL TO 95% MODIFIED PROCTOR.
 3. FOR UNPAVED AREAS COMPACT ALL BACKFILL TO 90% MODIFIED PROCTOR.

1 TYPICAL PIPE TRENCH DETAIL
 D-2 N.T.S.



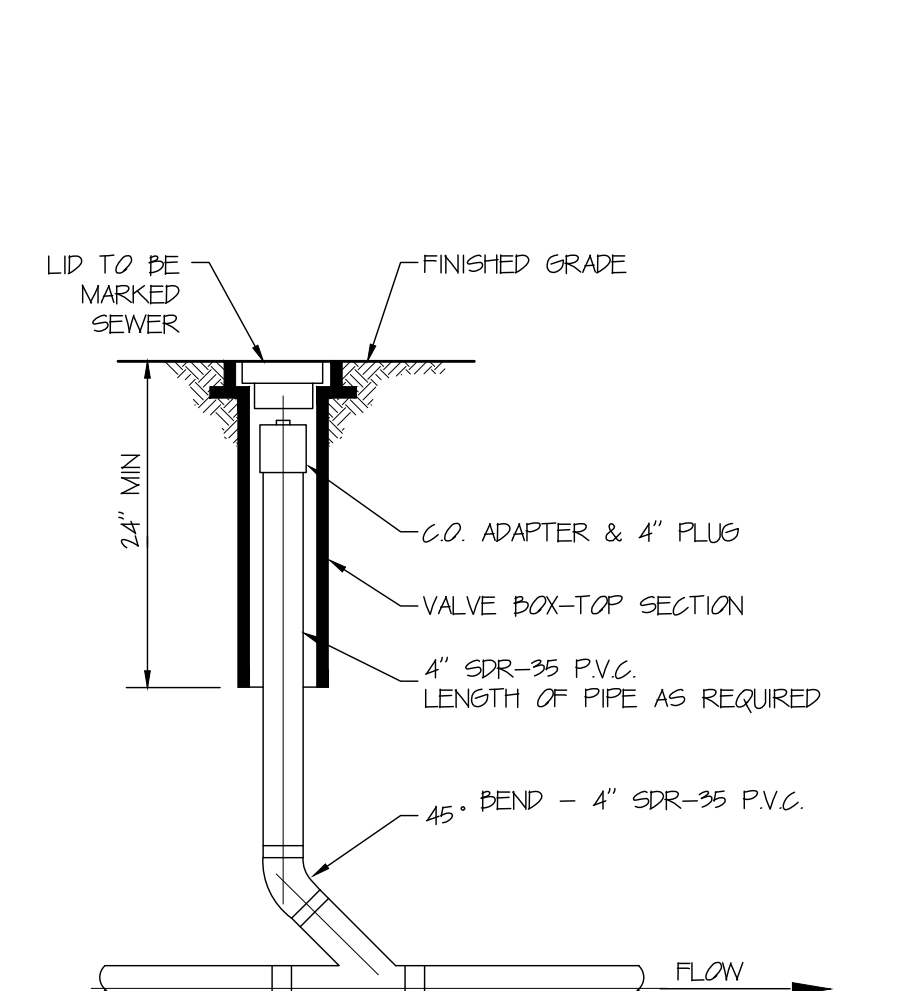
NOTES:
 1. FOR PAVED AREAS COMPACT ALL BACKFILL TO 95% MODIFIED PROCTOR.
 2. FOR UNPAVED AREAS COMPACT ALL BACKFILL TO 90% MODIFIED PROCTOR.
 3. 3/4" STONE REQUIRED ONLY AT DIRECTION OF ENGINEER OR DPW.

2 SANITARY SEWER TRENCH DETAIL
 D-2 N.T.S.

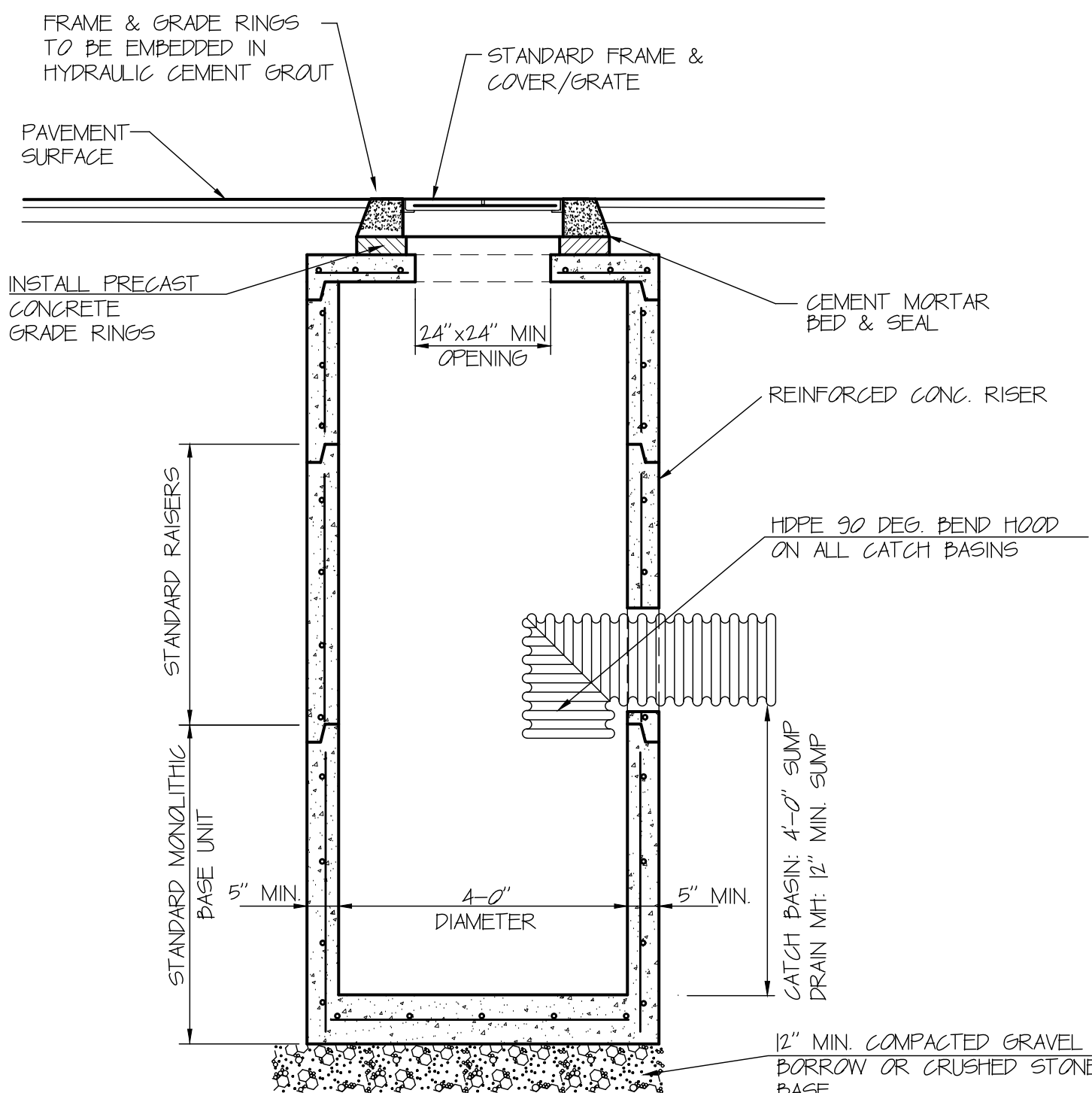


NOTE:
 TRASH RACK WITH WELDED WIRE MESH WITH 1/2-INCH OPENINGS MOUNTED ON NO. 4 BARS SHALL BE PROVIDED OUTSIDE ORIFICE. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS FOR APPROVAL BY PROJECT ENGINEER.

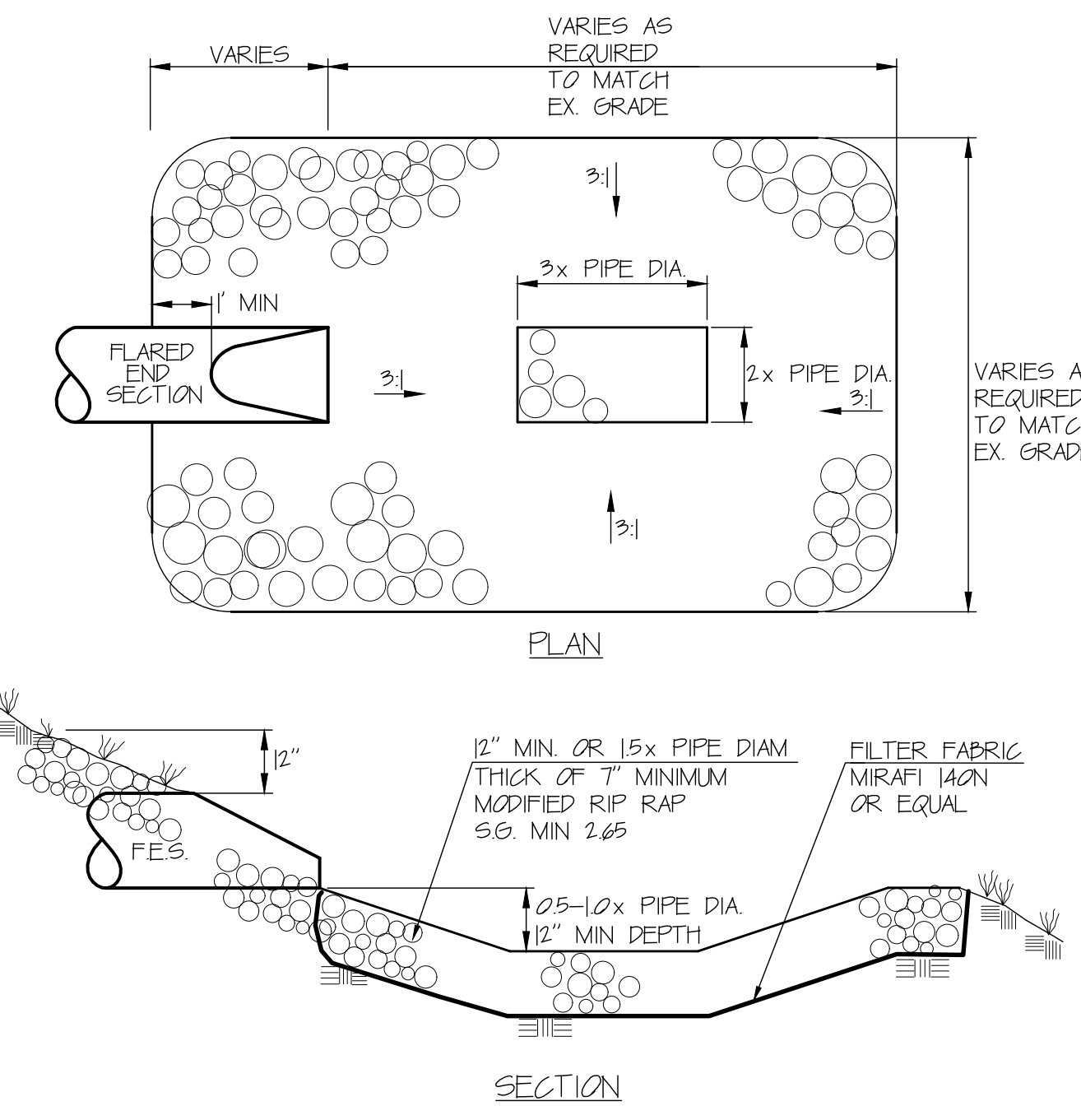
3 OUTLET CONTROL STRUCTURE DETAIL
 D-2 N.T.S.



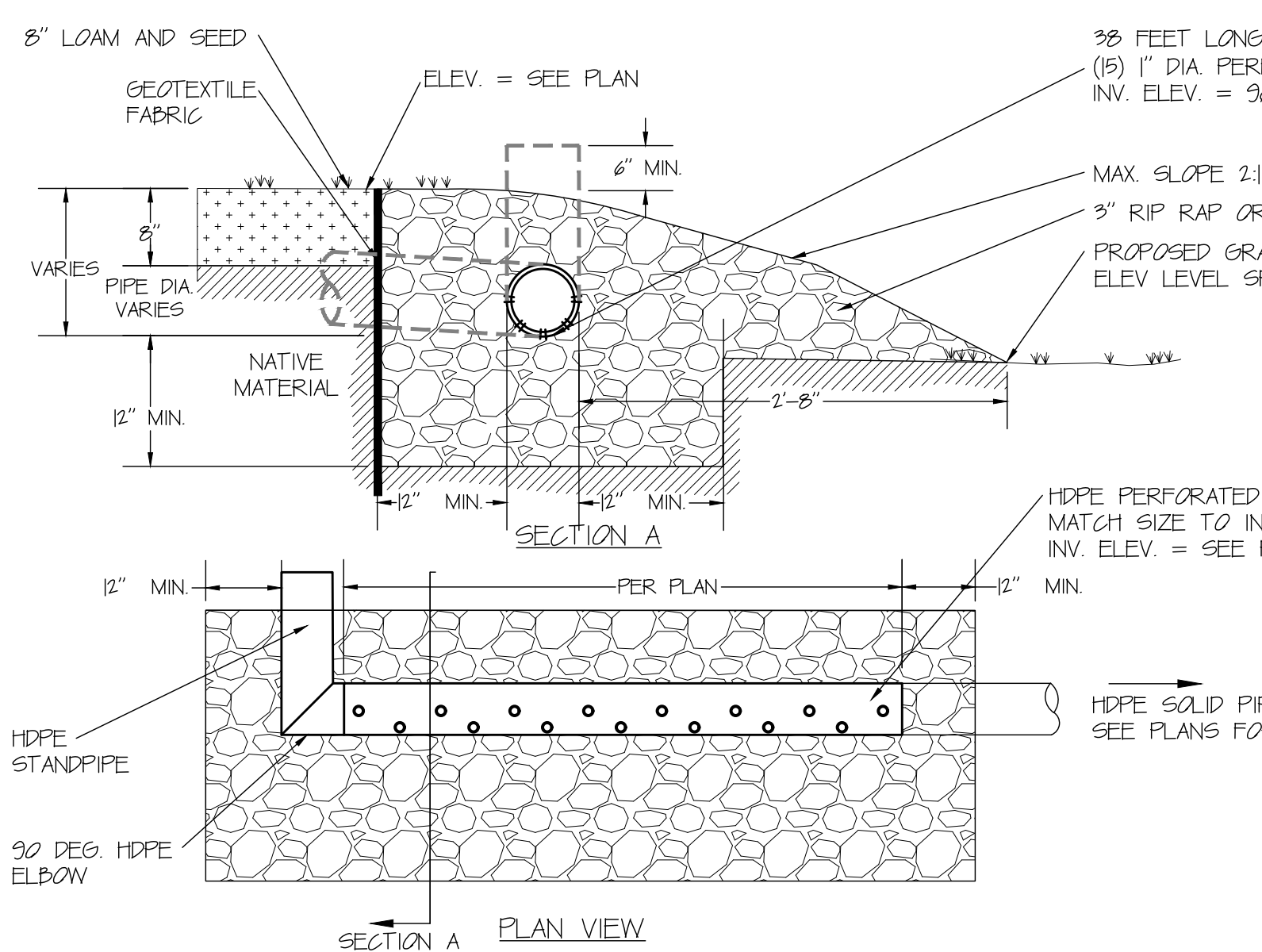
4 IN-LINE CLEANOUT DETAIL
 D-2 N.T.S.



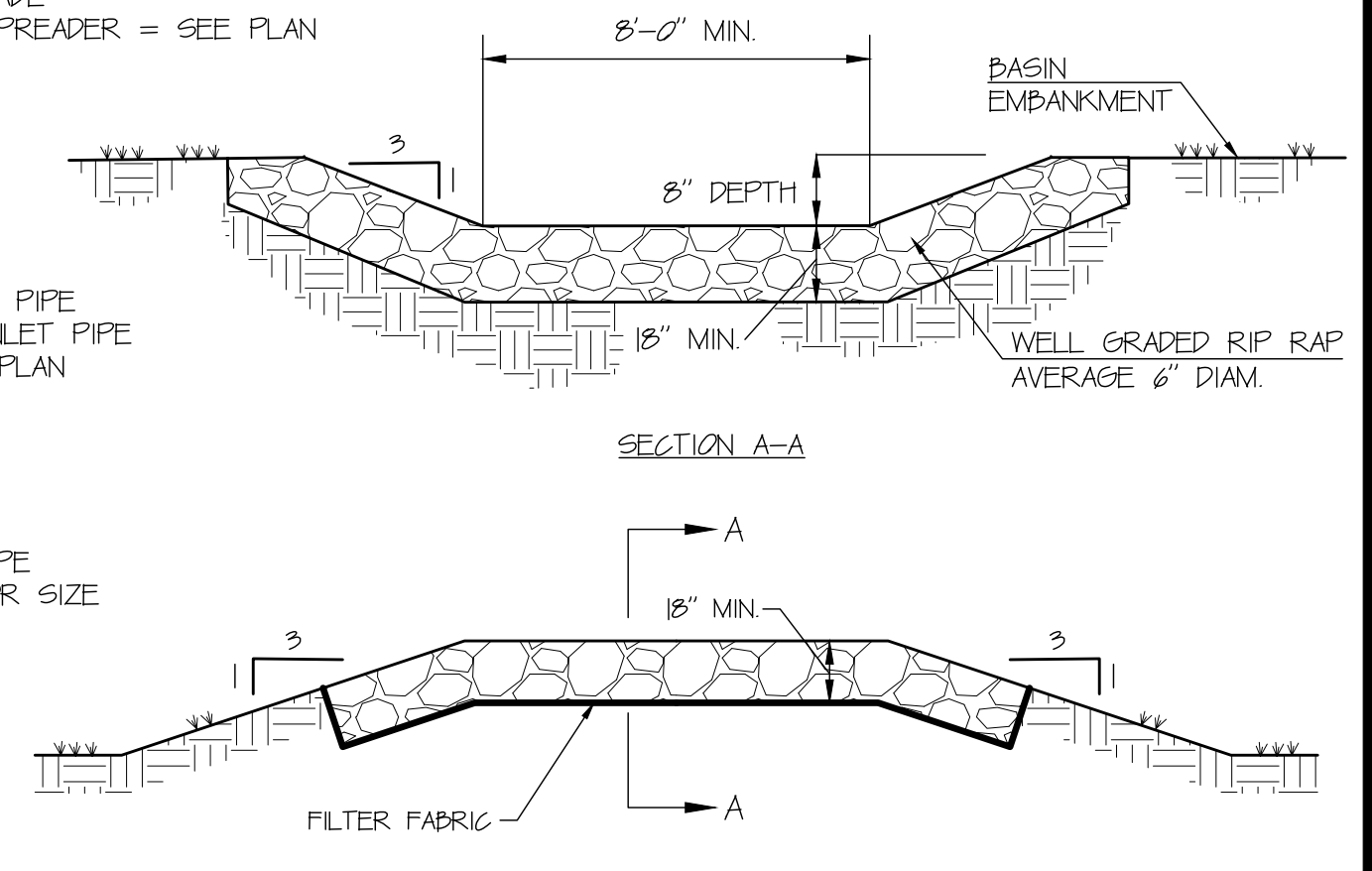
5 PRE-CAST STORM DRAIN MANHOLE & CATCH BASIN DETAIL
 D-2 N.T.S.



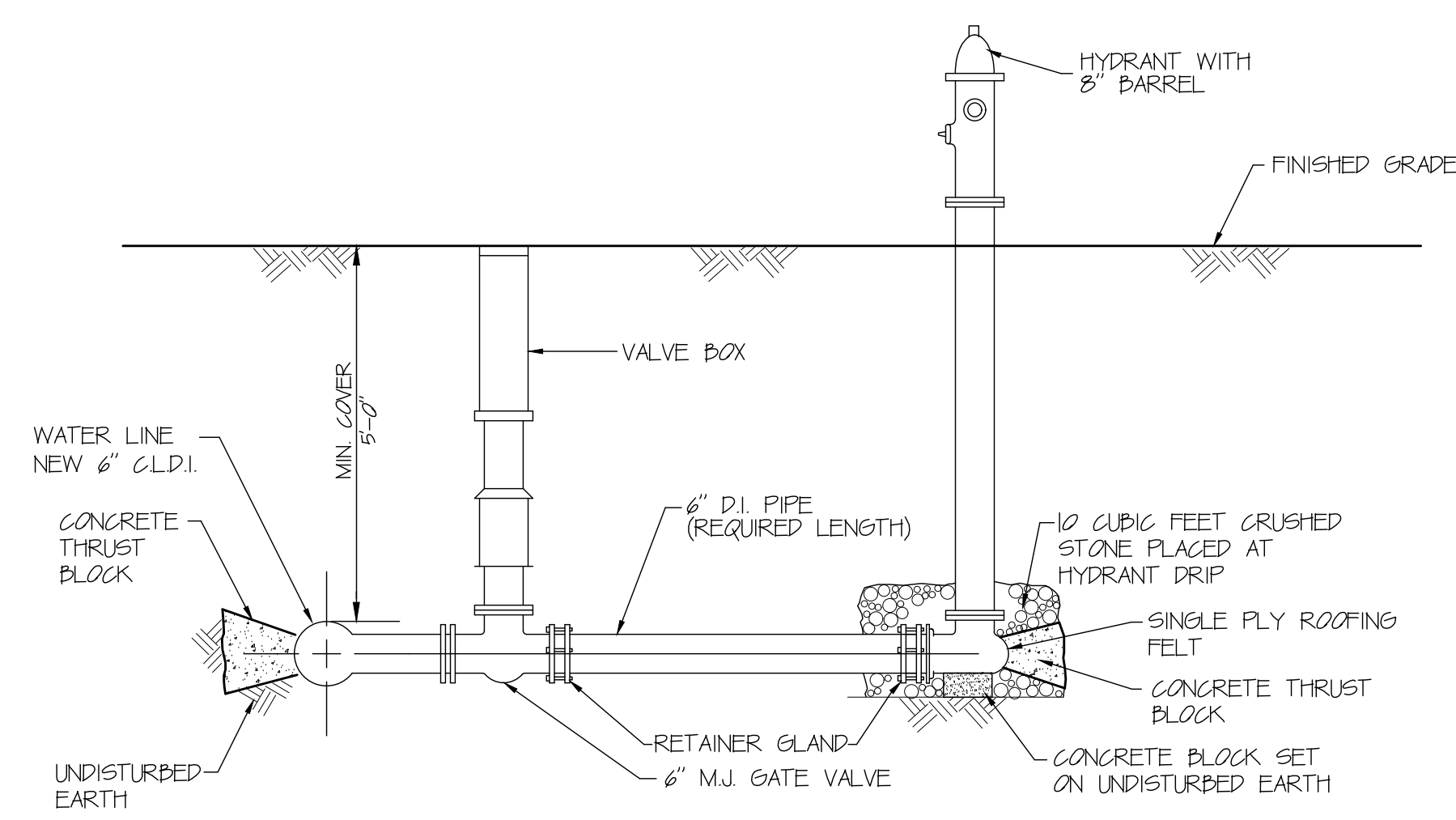
6 FLARED END SECTION PLUNGE POOL DETAIL
 D-2 N.T.S.



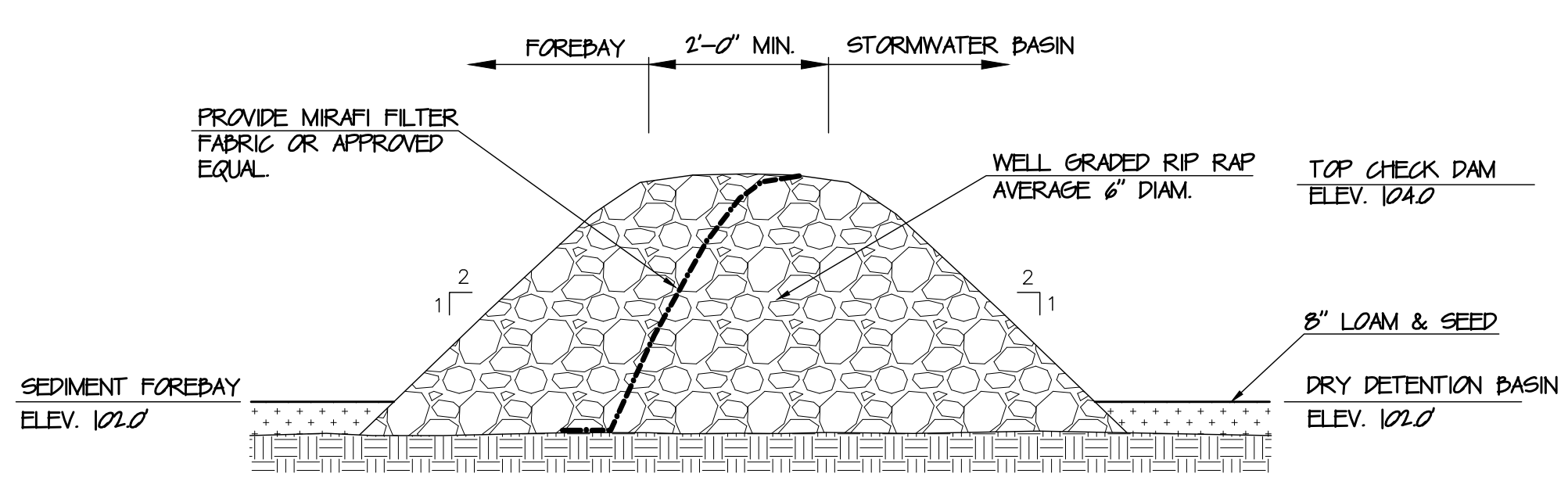
7 LEVEL SPREADER DETAIL
 D-2 N.T.S.



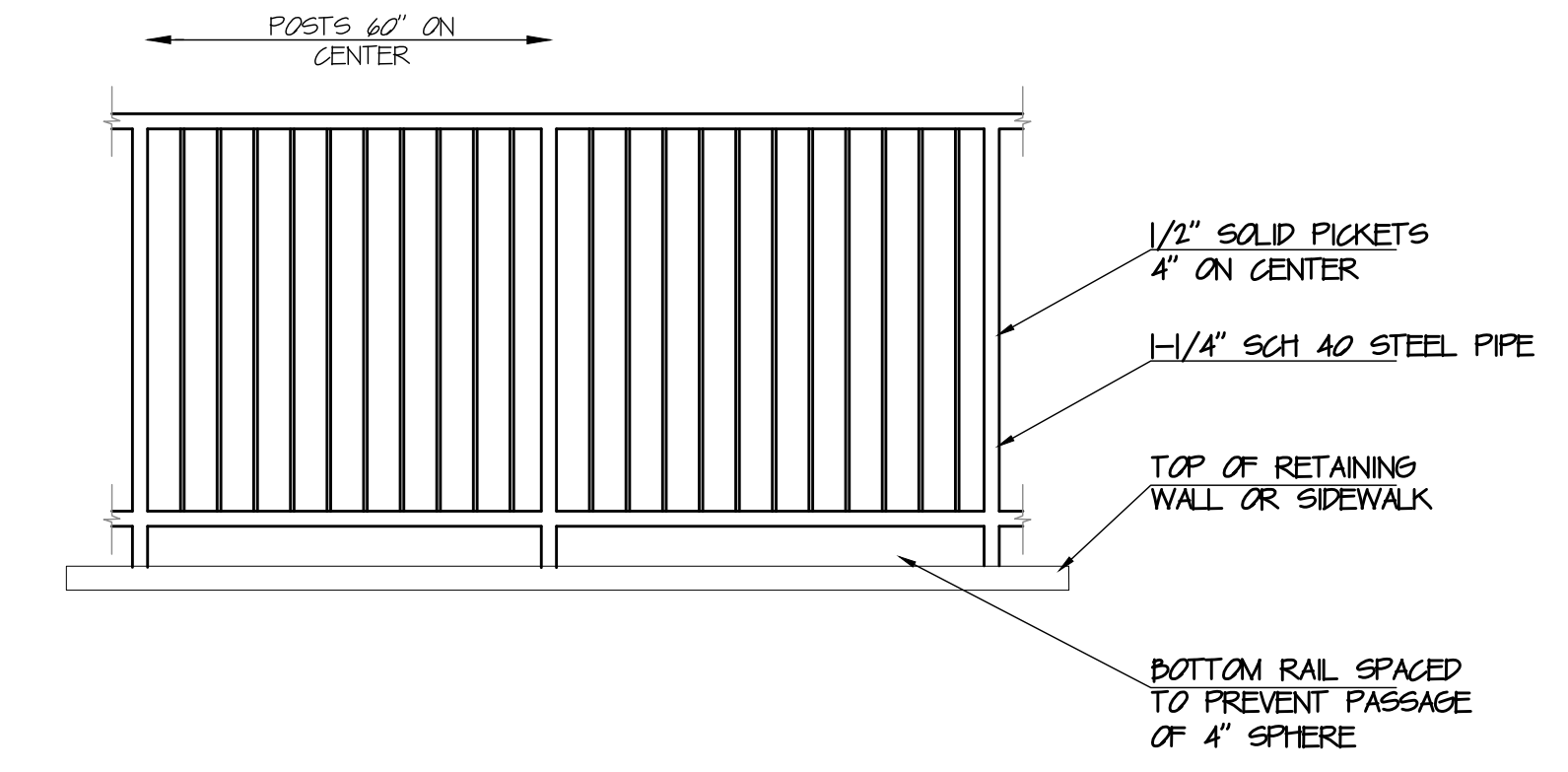
8 EMERGENCY SPILLWAY DETAIL
 D-2 N.T.S.



9 HYDRANT AND VALVE DETAIL
 D-2 N.T.S.



10 FOREBAY CHECK DAM SECTION DETAIL
 D-2 SCALE: N.T.S.



11 PEDESTRIAN GUARDRAIL DETAIL
 D-2 SCALE: N.T.S.

D-2 DETAIL SHEET

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 WINDSOR PICKLEBALL
 20 DAY HILL RD
 WINDSOR, CT 06095

APPLICANT:
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 172-02-24

DRAWN BY:
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DATE:
 2/27/24

SCALE:
 1"=30'

SHEET:
 D-2