



ARCHITECTURE
ENGINEERING

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DEDC, LLC

FIRE PROTECTION, PLUMBING,
MECHANICAL AND ELECTRICAL ENGINEER

315 SOUTH CHAPEL STREET
NEWARK, DELAWARE 19711
302-738-7172 fax: 302-738-7175

PROJECT TITLE

BELMONT
HALL
PAVILLION

217 SMYRNA LEIPSIG ROAD
SMYRNA, DELAWARE 19977

ISSUED

FOR BID / PERMIT ONLY

ISSUED: 07/14/2023

SHEET TITLE

CODE STUDY

ISSUE BLOCK

Mark Date Description

PROJECT NO: 2022035.01

DATE: 07/14/2023

SCALE: As indicated

DRAWN BY: CGK PROJ MGR: BLH

G101

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CODE STUDY DATA	
(WHEN ONLY ONE SOURCE IS NOTED, THE DATA LISTED REPRESENTS THE MOST STRINGENT REQUIREMENTS WHEN COMPARING THE TWO CODES)	
PROJECT	INFORMATION
PROJECT NAME	BELMONT HALL EVENT PAVILION
PROJECT LOCATION	713 SMYRNA LEIPSIG ROAD, SMYRNA, DELAWARE 19977
PROJECT DESCRIPTION	NEW CONSTRUCTION OF COVERED EVENT PAVILION
PROPERTY OWNER	STATE OF DELAWARE

APPLICABLE CODES
2018 INTERNATIONAL BUILDING CODE (IBC)
2018 NFPA 101 LIFE SAFETY CODE (NFPA)
2017 ICC/ANSI A117.1 ACCESSIBLE AND USEABLE BUILDINGS AND FACILITIES
2010 ADA STANDARD FOR ACCESSIBLE DESIGN
MARYLAND ACCESSIBILITY CODE / STATE OF DELAWARE ARCHITECTURAL ACCESSIBILITY STANDARDS
2019 STATE OF MARYLAND FIRE PREVENTION CODE / 2021 DELAWARE STATE FIRE PREVENTION REGULATIONS
2018 INTERNATIONAL ENERGY CONSERVATION CODE / ASHRAE 90.1-2016 ENERGY STANDARD FOR BUILDINGS EXCEPT LOW-RISE RESIDENTIAL BUILDINGS

BUILDING USE AND CONSTRUCTION CLASSIFICATION			
BUILDING USE AND CONSTRUCTION CLASSIFICATION	LIFE SAFETY CODE REFERENCE	IBC REFERENCE	
USE GROUPS (MIXED - SEPARATED)	NEW ASSEMBLY	303.4 ASSEMBLY GROUP A-3	
CONSTRUCTION TYPE	V (000)	TYPE VB	
ALLOWABLE BUILDING HEIGHT	NON-SPRINKLERED	NON-SPRINKLERED	
ACTUAL BUILDING HEIGHT		40' / 1 STORY	
ALLOWABLE BUILDING AREA		23' / 1 STORY	
ACTUAL BUILDING AREA		6,000 SF	
ACTUAL BUILDING AREA (PER IBC 202)		2,880 SF	

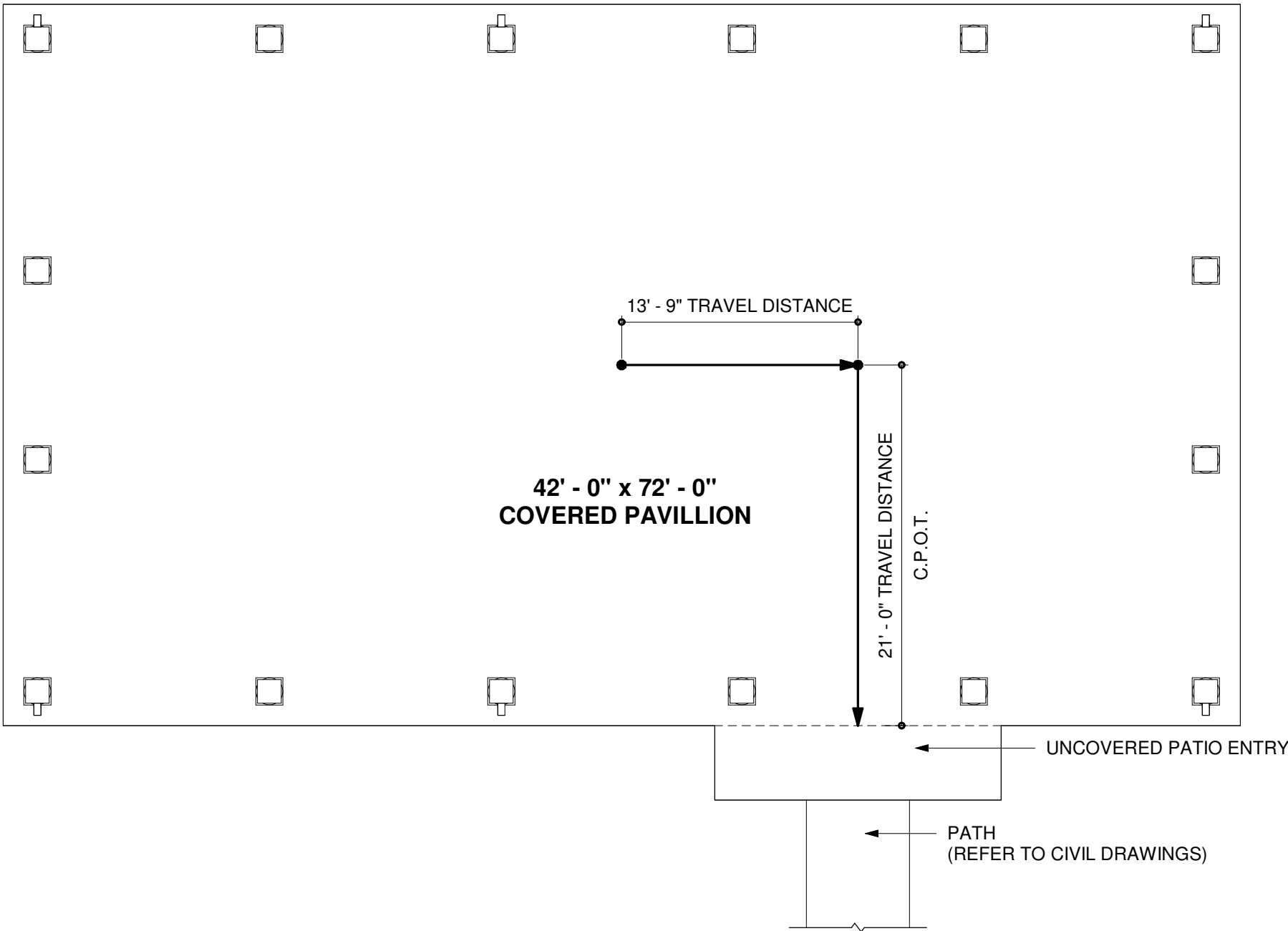
BUILDING COMPONENT FIRE RATING					
TABULAR FIRE RATING REQUIREMENTS OF STRUCTURAL ELEMENTS AND EGRESS COMPONENTS	NFPA 101 LIFE SAFETY CODE / TYPE V (000) CONSTRUCTION			IBC / TYPE 5-B CONSTRUCTION	
	REQUIRED RATING		REFERENCE	REQUIRED RATING	
	WALL (HRS)	OPNG (HRS) - D (door) / W (window)		WALL (HRS)	OPNG (HRS)
PRIMARY STRUCTURAL FRAME					
- supporting a roof only	0	0	TABLE A. 8.2.1.2, NFPA 5000 - 7.2.3.2.8	0	0
- supporting Roof 20' A.F.F.	0	0	TABLE A. 8.2.1.2	0	0
- support one floor only	N/A	N/A	TABLE A. 8.2.1.2	0	N/A
- supporting more than one floor	N/A	N/A	TABLE A. 8.2.1.2	N/A	N/A
BEAMS, GIRDERS, TRUSSED, ARCHES - supporting a roof only	0	0	TABLE A. 8.2.1.2, NFPA 5000 - 7.2.3.2.8	0	0
- supporting Roof 20' A.F.F.	N/A	N/A	TABLE A. 8.2.1.2	N/A	N/A
- supporting one floor only	N/A	N/A	TABLE A. 8.2.1.2	N/A	N/A
- supporting more than one floor	N/A	N/A	TABLE A. 8.2.1.2	N/A	N/A
BEARING WALLS					
EXTERIOR BEARING WALLS - supporting a roof only	N/A	N/A	TABLE A.8.2.1.2 & TABLE 8.3.4.2	N/A	N/A
- supporting Roof 20' A.F.F.	N/A	N/A	TABLE A.8.2.1.2, NFPA 5000 - 7.2.3.2.8	N/A	N/A
- support one floor only	N/A	N/A	TABLE A.8.2.1.2 & TABLE 8.3.4.2 & TABLE 7.3.2.1	N/A	N/A
- supporting more than one floor	N/A	N/A	TABLE A.8.2.1.2 & TABLE 8.3.4.2 & TABLE 7.3.2.1	N/A	N/A
INTERIOR BEARING WALLS - supporting a roof only	N/A	N/A	TABLE A.8.2.1.2 & TABLE 8.3.4.2	N/A	N/A
- supporting Roof 20' A.F.F.	N/A	N/A	TABLE A.8.2.1.2, NFPA 5000 - 7.2.3.2.8	N/A	N/A
- supporting one floor only	N/A	N/A	TABLE A.8.2.1.2 & TABLE 8.3.4.2	N/A	N/A
- supporting more than one floor	N/A	N/A	TABLE A.8.2.1.2 & TABLE 8.3.4.2	N/A	N/A
NONBEARING WALLS AND PARTITIONS					
EXTERIOR NON-BEARING WALLS	N/A	N/A	TABLE A.8.2.1.2 & TABLE 7.3.2.1	N/A	N/A
INTERIOR NON-BEARING PARTITIONS	N/A	N/A	TABLE A.8.2.1.2	N/A	N/A
FLOOR CONSTRUCTION AND ASSOCIATED SECONDARY MEMBERS					
FLOOR-CEILING ASSEMBLIES	0	0	TABLE A.8.2.1.2	0	0
ROOF CONSTRUCTION AND ASSOCIATED SECONDARY MEMBERS					
ROOF-CEILING ASSEMBLIES	0	0	TABLE A.8.2.1.2	0	0
ROOF-CEILING ASSEMBLIES - 20' A.F.F.	0	0	NFPA 5000 - 7.2.3.2.8	0	0
RATED EGRESS ASSEMBLIES					
VERTICAL EXIT ENCLOSURES	N/A	N/A	8.6.5 & TABLE 8.3.4.2	N/A	N/A
CORRIDORS	N/A	N/A	7.1.3.1(1)	N/A	N/A
RATED ASSEMBLIES					
SHAFT ENCLOSURES	N/A	N/A	8.6.5 & TABLE 8.3.4.2	N/A	N/A
SMOKE BARRIERS	N/A	N/A	8.5.1, & TABLE 8.3.4.2	N/A	N/A
SMOKE PARTITION	N/A	N/A		N/A	N/A
OCCUPANCY SEPARATION					
OCCUPANCY SEPARATION () TO ()	N/A	N/A		N/A	N/A
INCIDENTAL USES & PROTECTION FROM HAZARDS					
JANITOR / SERVICE CLOSETS	N/A	N/A		N/A	N/A
LAUNDRY ROOMS >100SF	N/A	N/A		N/A	N/A

TRAVEL DISTANCE LIMITS		
TRAVEL DISTANCE LIMITS	LIFE SAFETY	IBC
MAXIMUM TRAVEL DISTANCE LIMIT TO AN EXIT OR EXIT ACCESS DOOR	NEW ASSEMBLY = 200' (TABLE A.7.6)	A = 200' (TABLE 1017.2)
MAXIMUM COMMON PATH OF TRAVEL LIMIT	NEW ASSEMBLY = 100' (TABLE A.7.6)	A = 100' (TABLE 1017.2)
MAXIMUM DEAD END CORRIDOR LIMIT	N/A	N/A

MINIMUM NUMBER OF EXIT REQUIRED		
MINIMUM NUMBER OF EXIT REQUIRED	LIFE SAFETY	IBC
FLOOR AREA OCCUPANCY LOAD BETWEEN 1 AND 500	-	N/A
MINIMUM NUMBER OF EXITS PER STORY	NEW ASSEMBLY = 2 EXITS (7.4.1.1 AND 38.2.4.1)	A = 2 EXITS (TABLE 1006.3.1)
MINIMUM NUMBER OF ACCESSIBLE ENTRANCES/EXITS	NEW ASSEMBLY = 1 EXIT (7.5.4.1.1 & 7.5.4.2.2)	A = 1 EXIT (1009.1 & 1105.1)

MINIMUM INTERIOR FINISH REQUIREMENTS		
MINIMUM INTERIOR FINISH REQUIREMENTS	LIFE SAFETY	IBC
EXIT ENCLOSURES & EXIT PASSAGEWAYS - WALLS	NEW ASSEMBLY = CLASS A (TABLE A.10.2.2 WITH NOTE 6)	CLASS A (TABLE 803.1)
EXIT ENCLOSURES & EXIT PASSAGEWAYS - FLOORS	NEW ASSEMBLY = CLASS V / ASTM D2859 OR 16 CFR 160 (FFI-70) (TABLE A.10.2.2 WITH NOTE 6)	CLASS V (804.4.1, 804.4.2)
CORRIDORS & LOBBIES - WALLS	NEW ASSEMBLY = CLASS A (TABLE A.10.2.2 WITH NOTE 6)	CLASS A (TABLE 803.1)
CORRIDORS & LOBBIES - FLOORS	NEW ASSEMBLY = CLASS V / ASTM D2859 OR 16 CFR 160 (FFI-70) (TABLE A.10.2.2 WITH NOTE 6)	CLASS V (804.4.1, 804.4.2)
ROOMS & ENCLOSED SPACES - WALLS	NEW ASSEMBLY = CLASS A (TABLE A.10.2.2 WITH NOTE 6)	CLASS A (TABLE 803.1)
ROOMS & ENCLOSED SPACES - FLOORS	NEW ASSEMBLY = CLASS V / ASTM D2859 OR 16 CFR 160 (FFI-70) (TABLE A.10.2.2 WITH NOTE 6)	CLASS V (804.4.1, 804.4.2)
TRIM		NOT IN EXCESS OF 10% OF AGGREGATE WALL & CEILING AREA OF ANY ROOM/SPACE SHALL BE PERMITTED TO BE CLASS C MATERIAL.

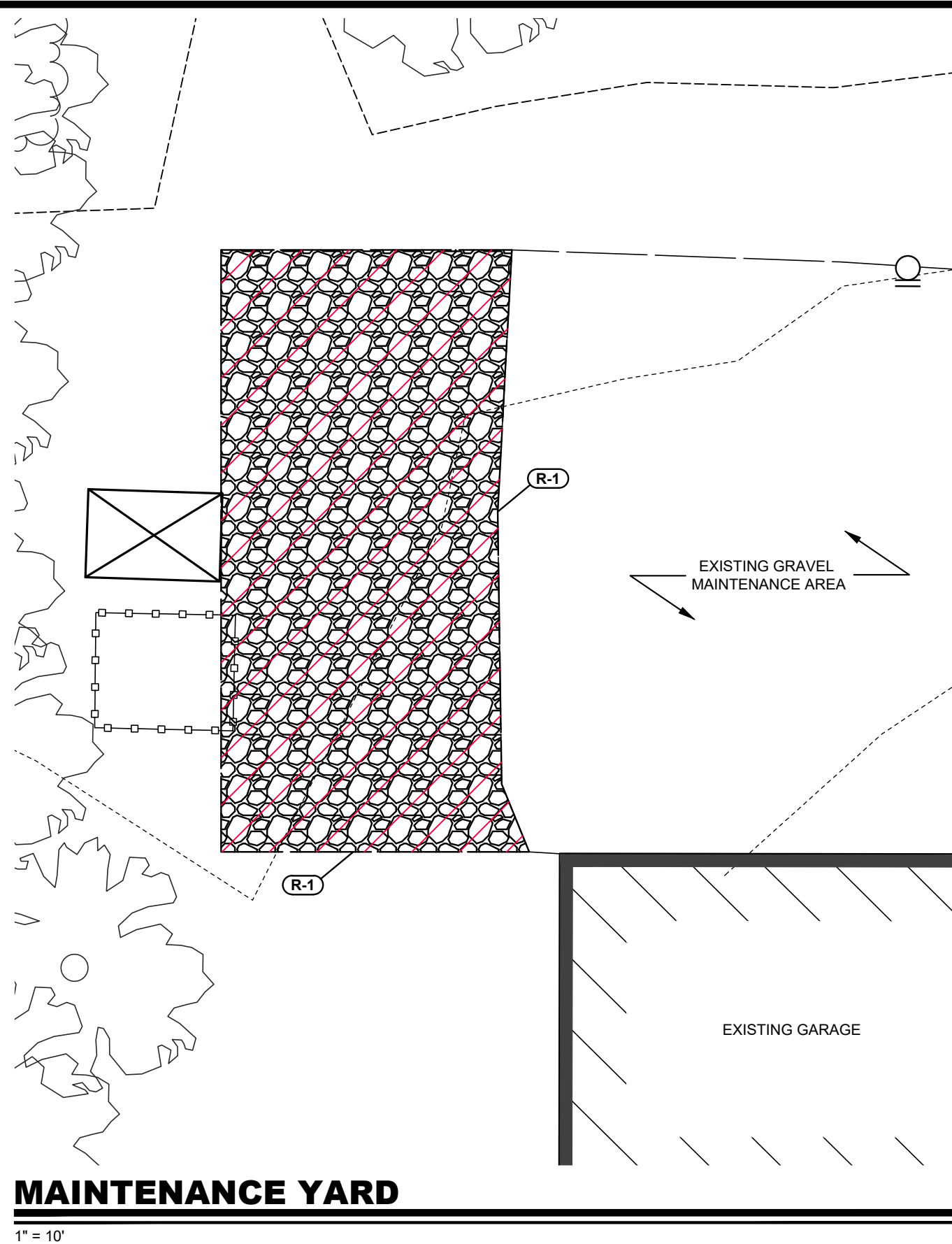
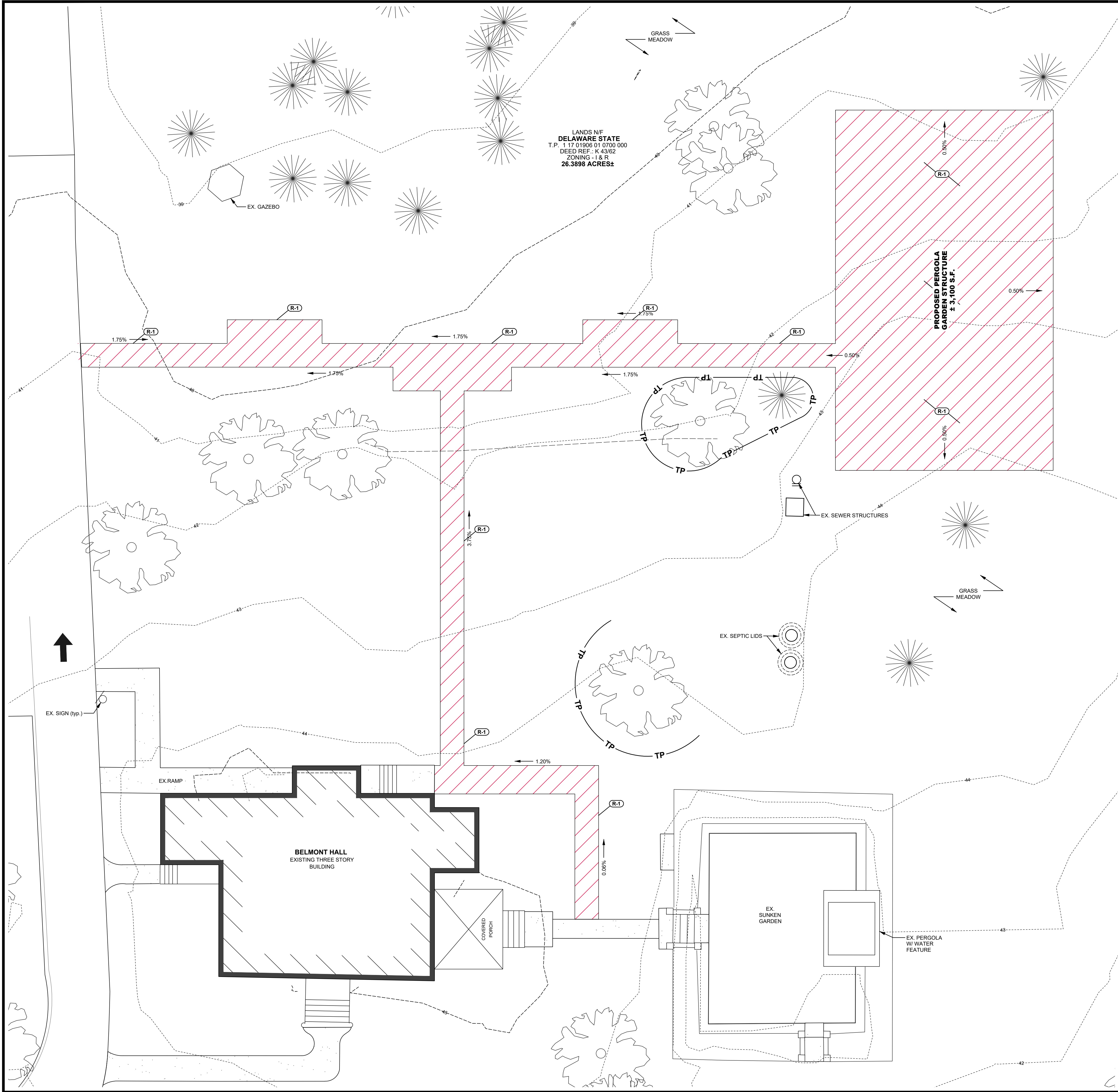
PLUMBING FIXTURE CALCULATIONS											
USE GROUP	OCCUPANTS	WATER CLOSETS				LAVATORIES		DRINKING FOUNTAIN / B.F.S.		OTHER	
		MEN		WOMEN		REQUIRED	PROVIDED	REQUIRED	PROVIDED	REQUIRED	PROVIDED
		REQUIRED	PROVIDED	REQUIRED	PROVIDED						
FIRST FLOOR	186	1.48	N/A	2.86	N/A	0.93	N/A	0.37	N/A		N/A
A-3 ASSEMBLY		1/125	1.48	1/65	2.86	1/200	0.93	1/500	0.37	1 SERVICE SINK	
NOTE: NON-PERMANENT BATHROOMS TO BE BROUGHT ON-SITE DURING EVENTS											



1 CODE PLAN

SCALE: 1/8" = 1'-0"

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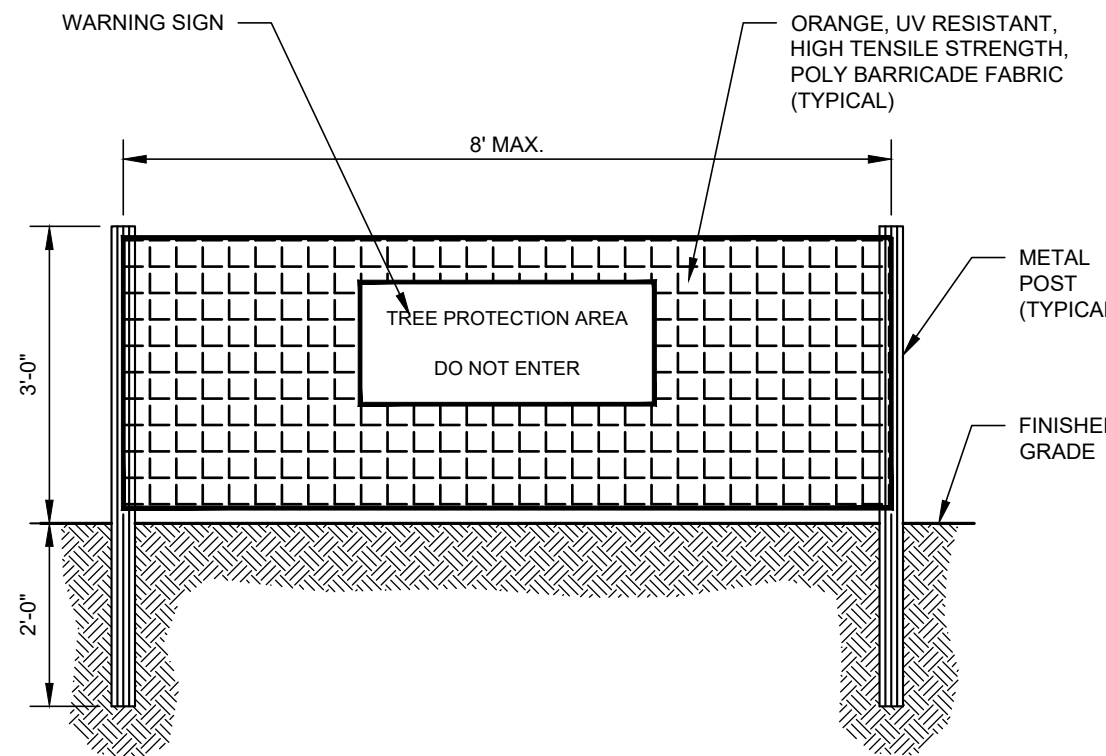


1" = 10'

NOTE:
WARNING SIGNS TO BE MADE OF DURABLE, WEATHERPROOF MATERIAL. LETTERS TO BE THREE (3) INCHES HIGH MINIMUM, CLEARLY LEGIBLE AND SPACED AS DETAILED. SIGNS SHALL BE PLACED AT 50' MAXIMUM INTERVALS. PLACE A SIGN AT EACH END OF LINEAR TREE PROTECTION AND 50' ON CENTER THEREAFTER. FOR TREE PROTECTION AREAS LESS THAN 200' IN PERIMETER, PROVIDE NO LESS THAN ONE SIGN PER PROTECTION AREA. ATTACH SIGNS SECURELY TO FENCE POSTS AND FABRIC. MAINTAIN TREE PROTECTION FENCE THROUGHOUT DURATION OF PROJECT.



WARNING SIGN DETAIL



LINEAR TREE PROTECTION DETAIL

NO SCALE

BMG NO. 1-L-05

DEMOLITION CONSTRUCTION NOTES

- R-1 EXCAVATE EXISTING TOPSOIL WHERE MARKED ON PLAN.
- * CONTRACTOR TO INFORM ENGINEER IF UTILITIES ARE ENCOUNTERED DURING DEMOLITION. CONTRACTOR TO LOCATE AND AVOID DISTURBING THE SEPTIC FIELD.

BECKER
MORGAN
GROUP

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PROJECT TITLE

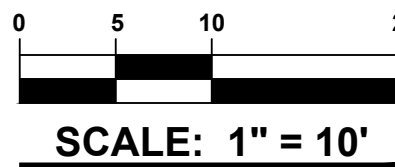
LANDS OF
**STATE OF
DELAWARE**

BELMONT HALL

217 SMYRNA LEIPSIC RD
TOWN OF SMYRNA
KENT COUNTY, DE

SHEET TITLE

DEMO PLAN



ISSUE BLOCK

MARK	DATE	DESCRIPTION
LAYER/STATE	C-100	

PROJECT NO.: 2022035.00

DATE: 03/23/2023

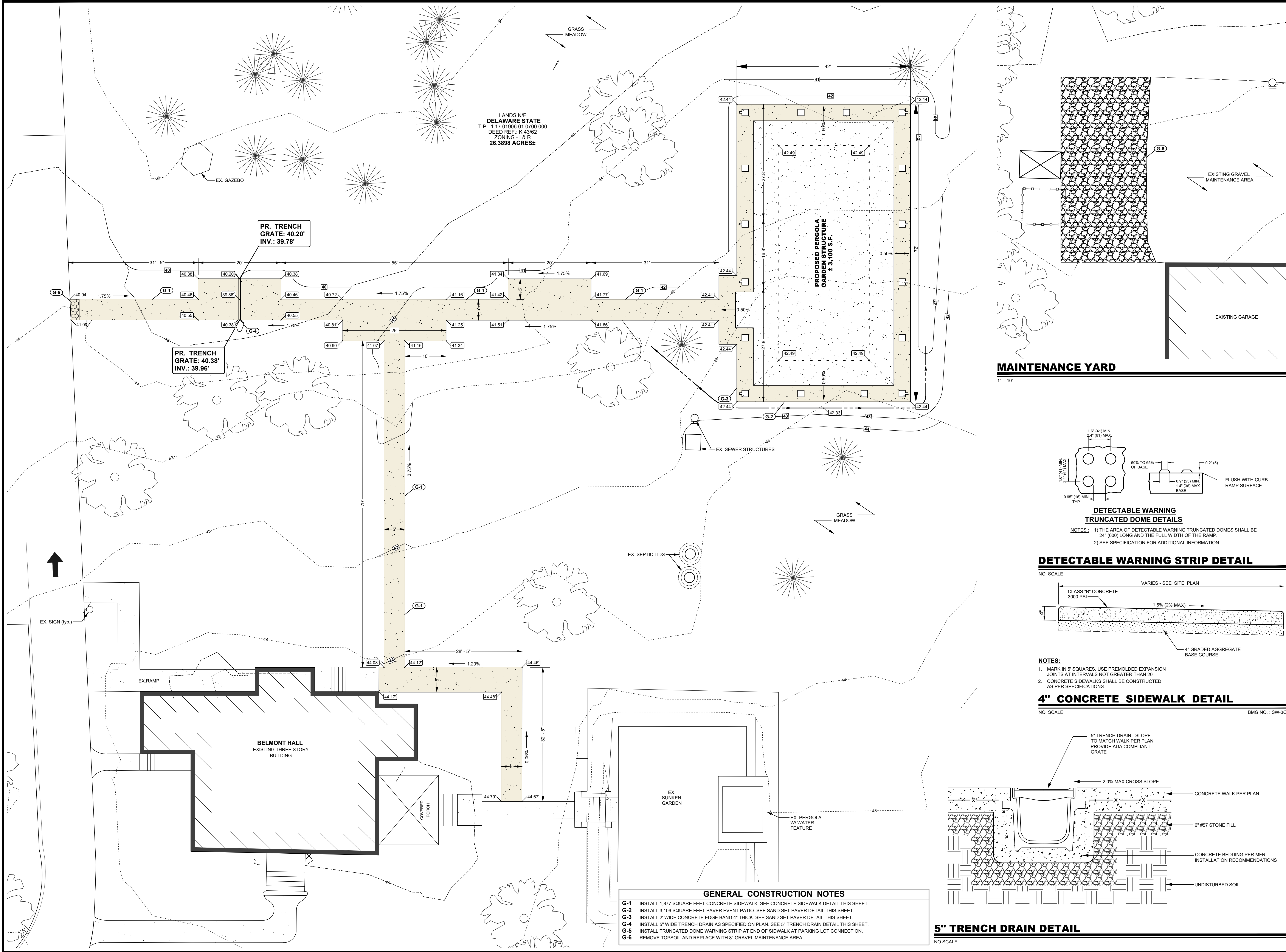
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SHEET

C-100

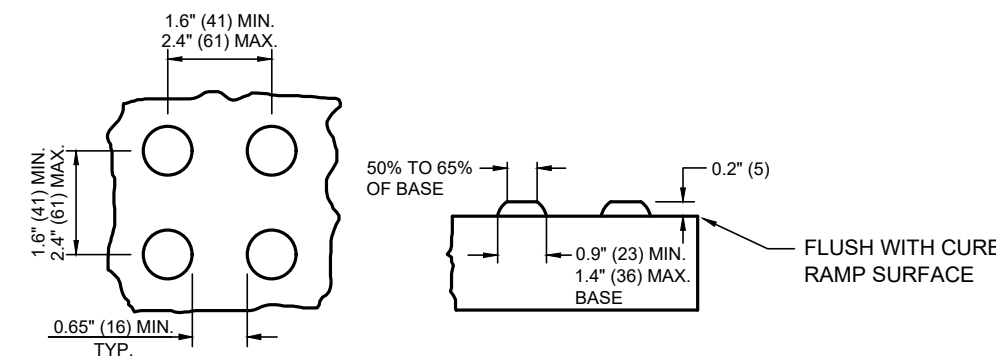
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- GENERAL CONSTRUCTION NOTES**
- G-1 INSTALL 1,877 SQUARE FEET CONCRETE SIDEWALK. SEE CONCRETE SIDEWALK DETAIL THIS SHEET.
 - G-2 INSTALL 3,106 SQUARE FEET PAVER EVENT PATIO. SEE SAND SET PAVES DETAIL THIS SHEET.
 - G-3 INSTALL 2" WIDE CONCRETE EDGE BAND 4" THICK. SEE SAND SET PAVES DETAIL THIS SHEET.
 - G-4 INSTALL 5" WIDE TRENCH DRAIN AS SPECIFIED ON PLAN. SEE 5" TRENCH DRAIN DETAIL THIS SHEET.
 - G-5 INSTALL TRUNCATED DOME WARNING STRIP AT END OF SIDEWALK AT PARKING LOT CONNECTION.
 - G-6 REMOVE TOPSOIL AND REPLACE WITH 8" GRAVEL MAINTENANCE AREA.

MAINTENANCE YARD

1" = 10'

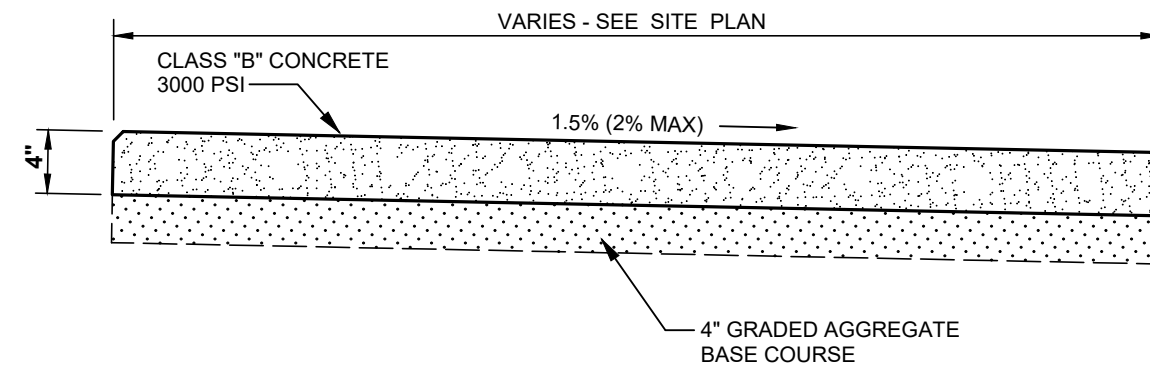


DETECTABLE WARNING TRUNCATED DOME DETAILS

- NOTES:**
- 1) THE AREA OF DETECTABLE WARNING TRUNCATED DOMES SHALL BE 24" (600) LONG AND THE FULL WIDTH OF THE RAMP.
 - 2) SEE SPECIFICATION FOR ADDITIONAL INFORMATION.

DETECTABLE WARNING STRIP DETAIL

NO SCALE

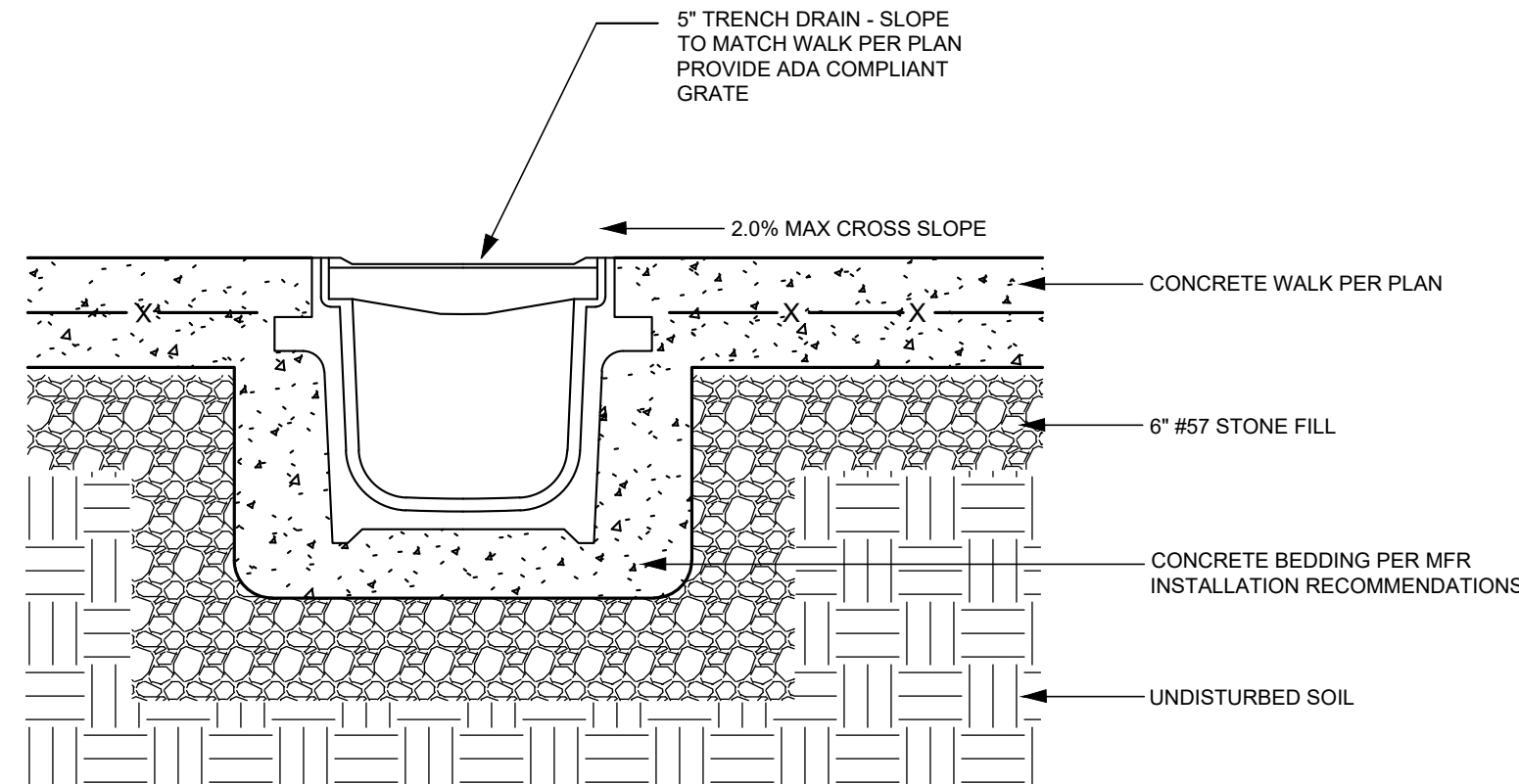


- NOTES:**
- 1. MARK IN 5' SQUARES, USE PREMOLDED EXPANSION JOINTS AT INTERVALS NOT GREATER THAN 20'
 - 2. CONCRETE SIDEWALKS SHALL BE CONSTRUCTED AS PER SPECIFICATIONS.

4" CONCRETE SIDEWALK DETAIL

NO SCALE

BMG NO. : SW-3C



5" TRENCH DRAIN DETAIL

NO SCALE

**BECKER
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PROJECT TITLE

**LANDS OF
STATE OF
DELAWARE**

BELMONT HALL

**217 SMYRNA LEIPSIC RD
TOWN OF SMYRNA
KENT COUNTY, DE**

SHEET TITLE

SITE PLAN

0 5 10 20
SCALE: 1" = 10'

ISSUE BLOCK

MARK	DATE	DESCRIPTION
LAYER STATE: C-201		

PROJECT NO.: 2022035.00

DATE: 03/23/2023

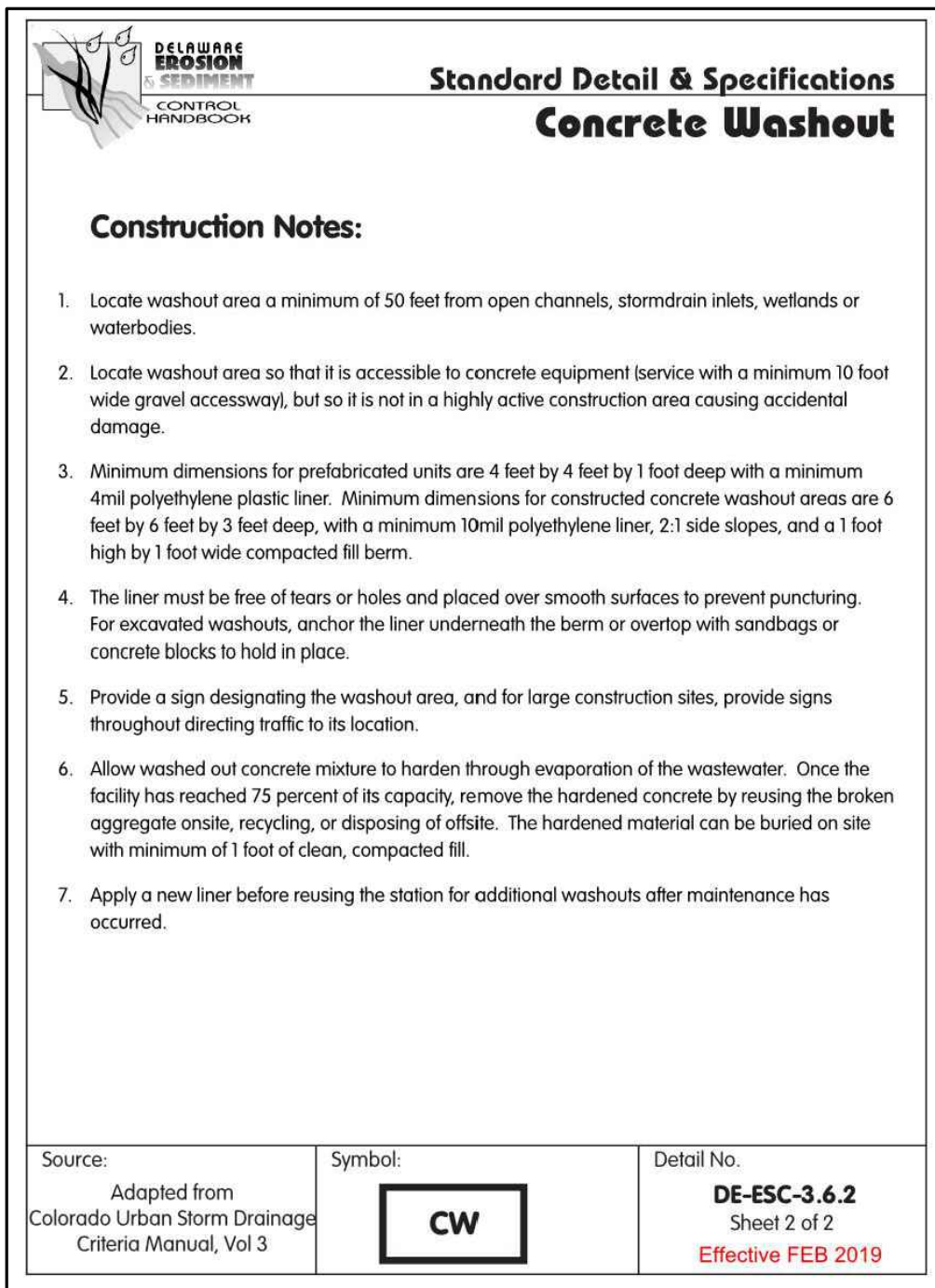
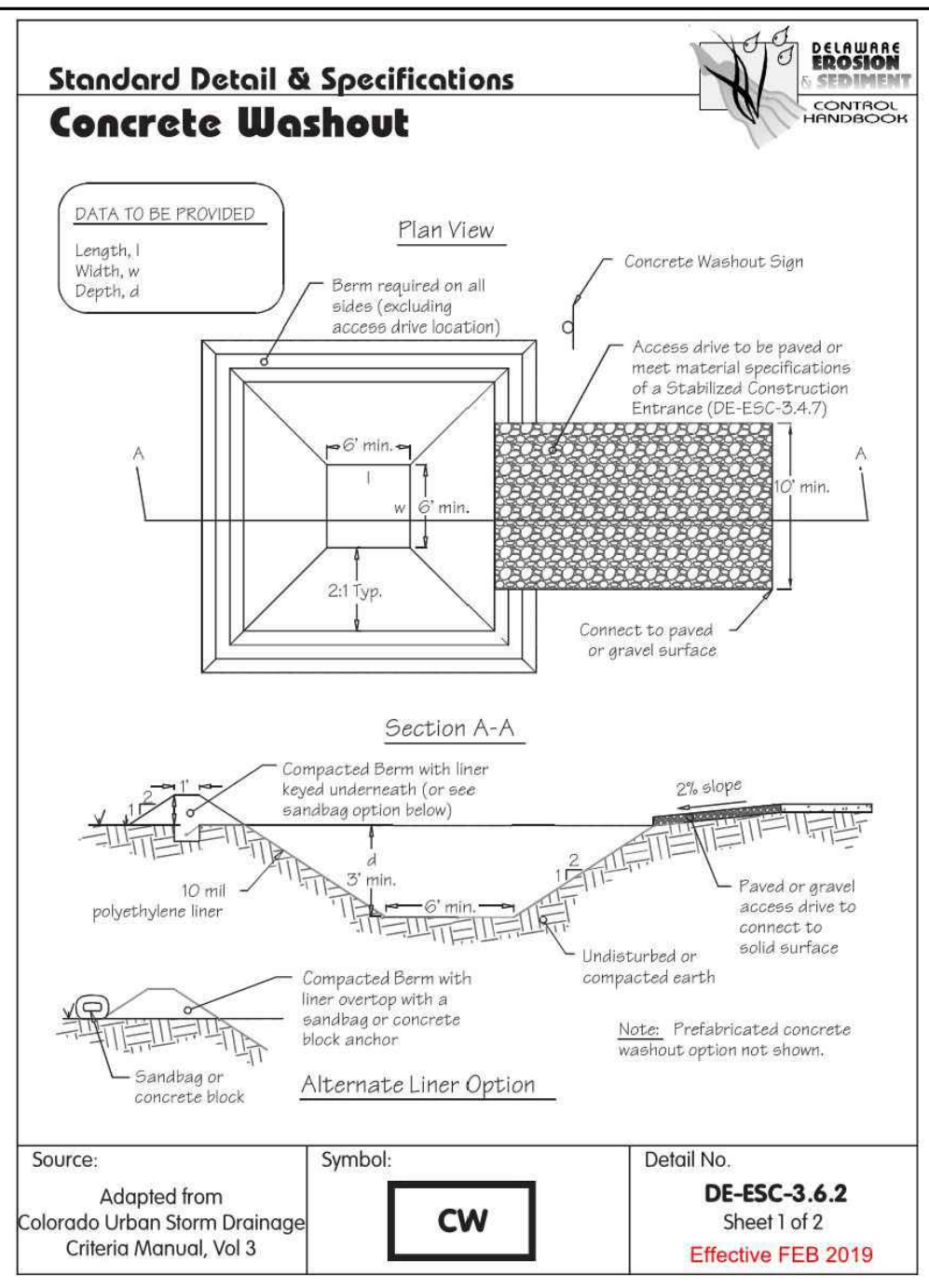
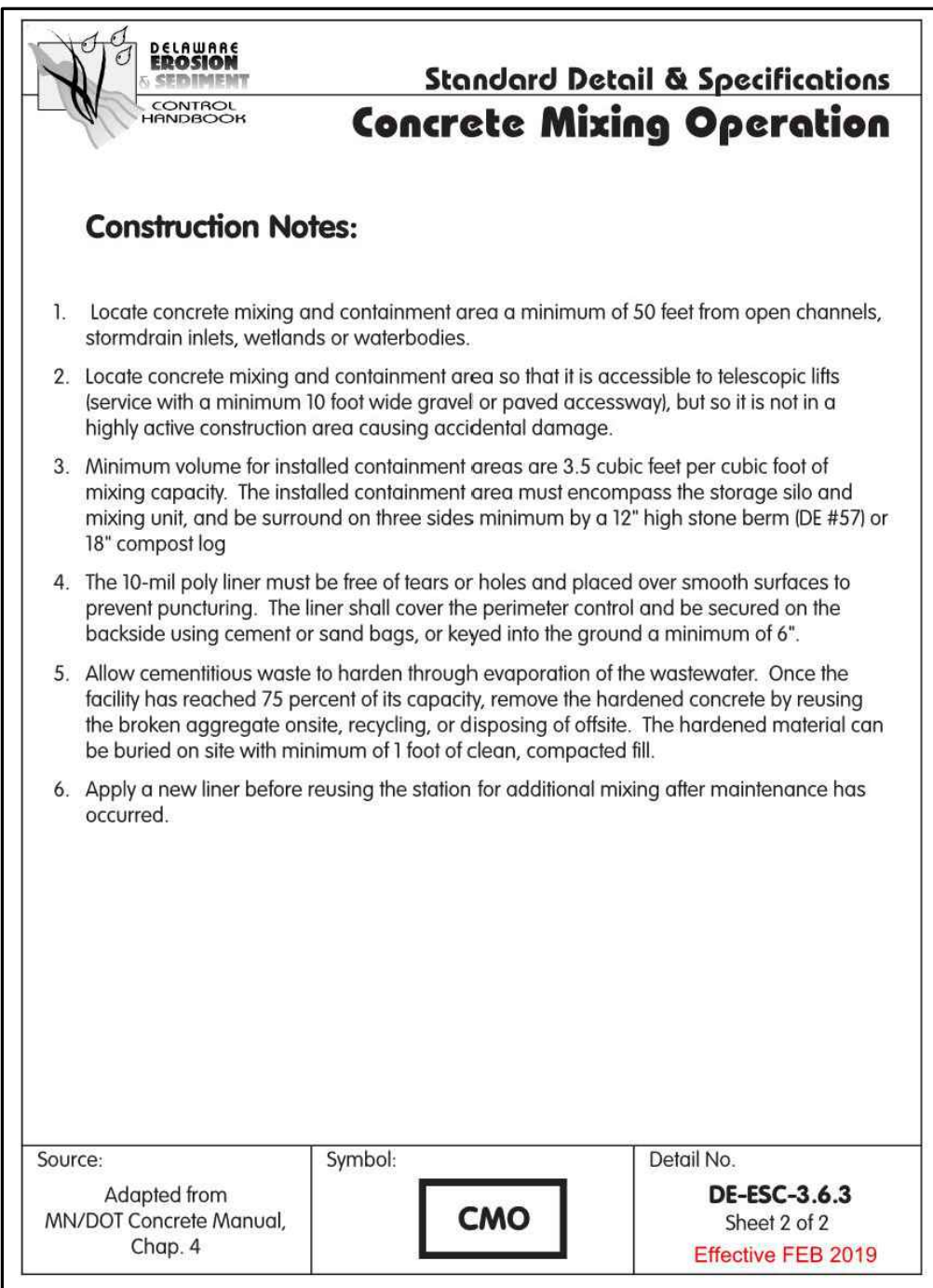
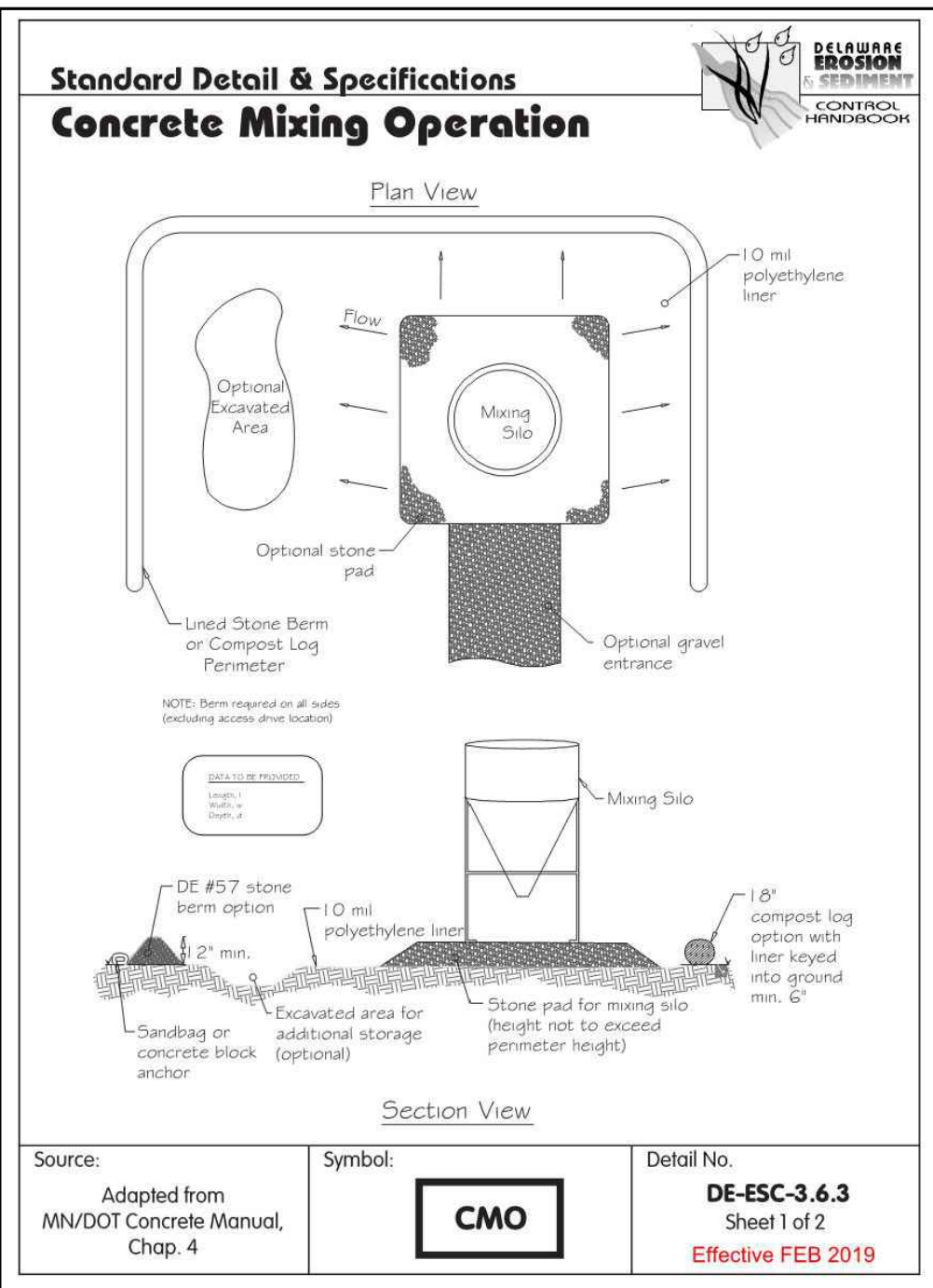
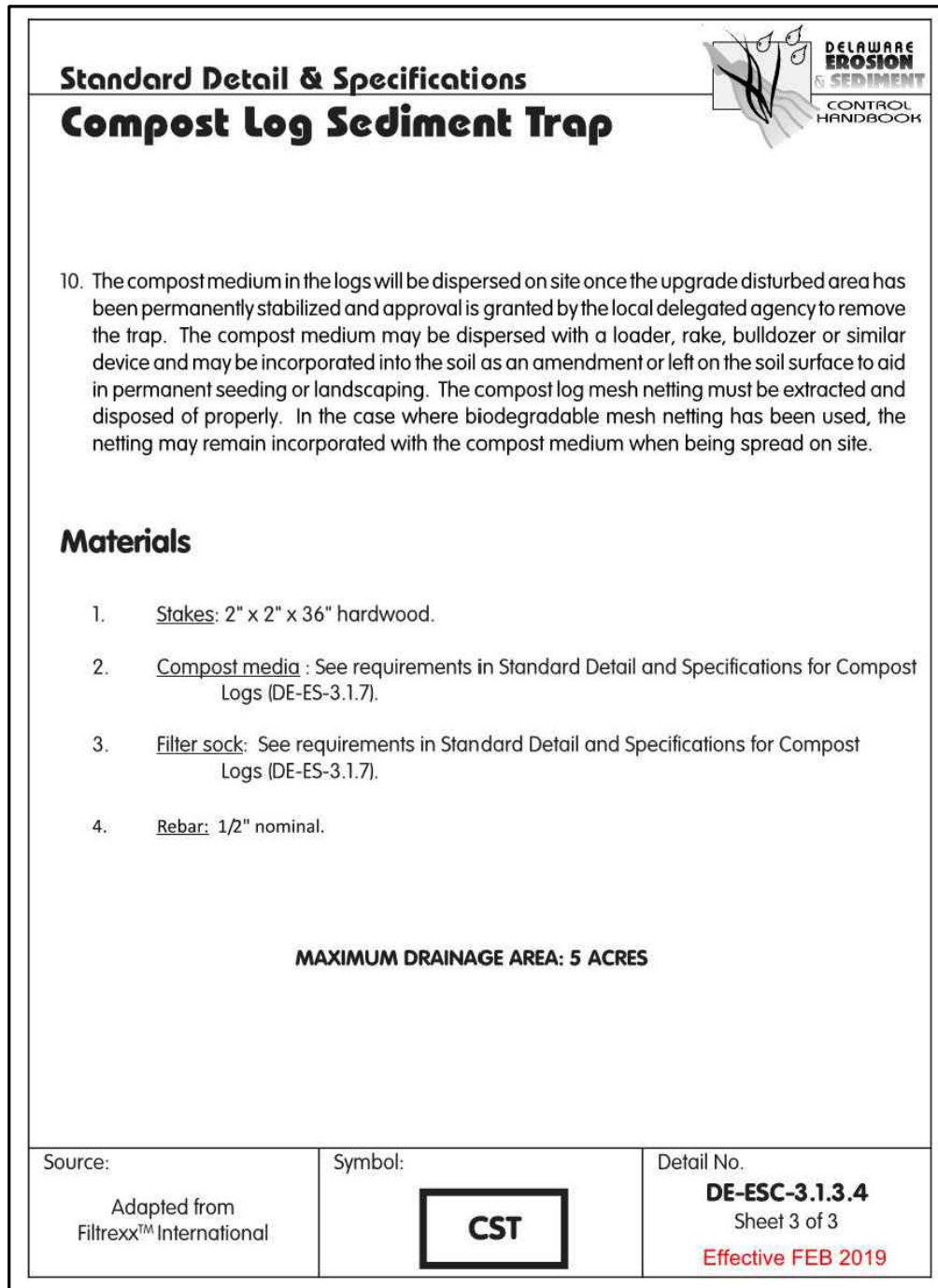
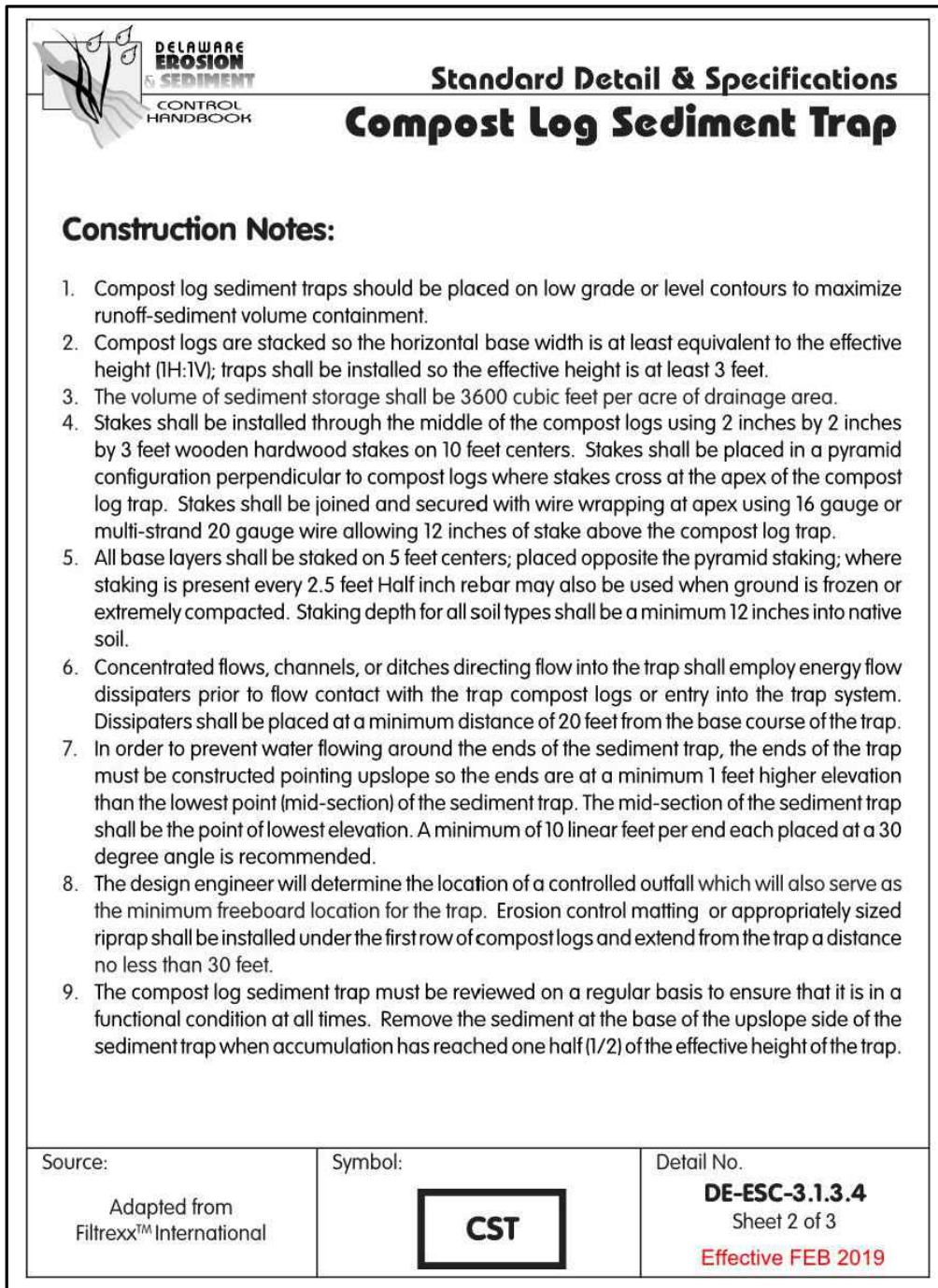
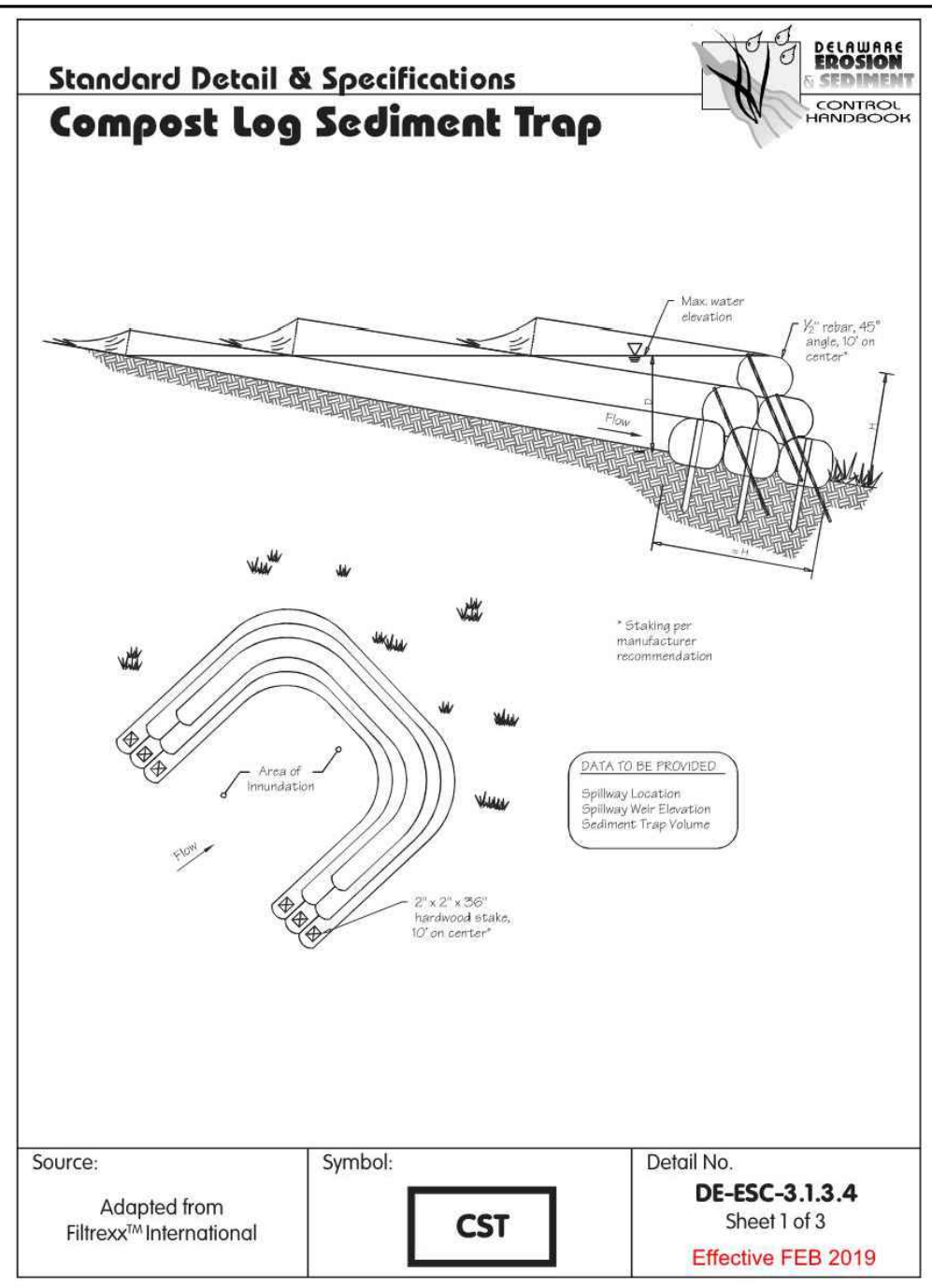
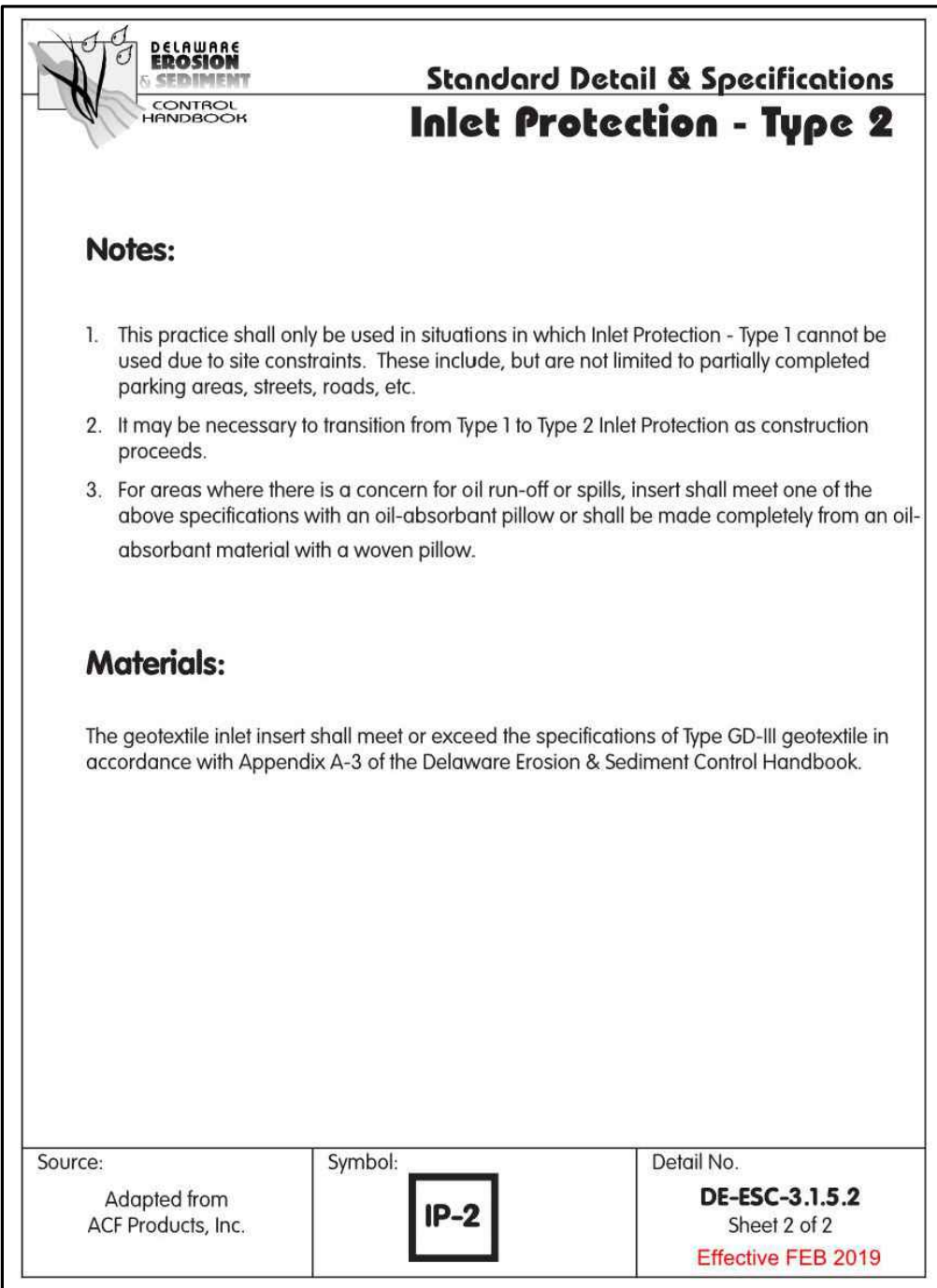
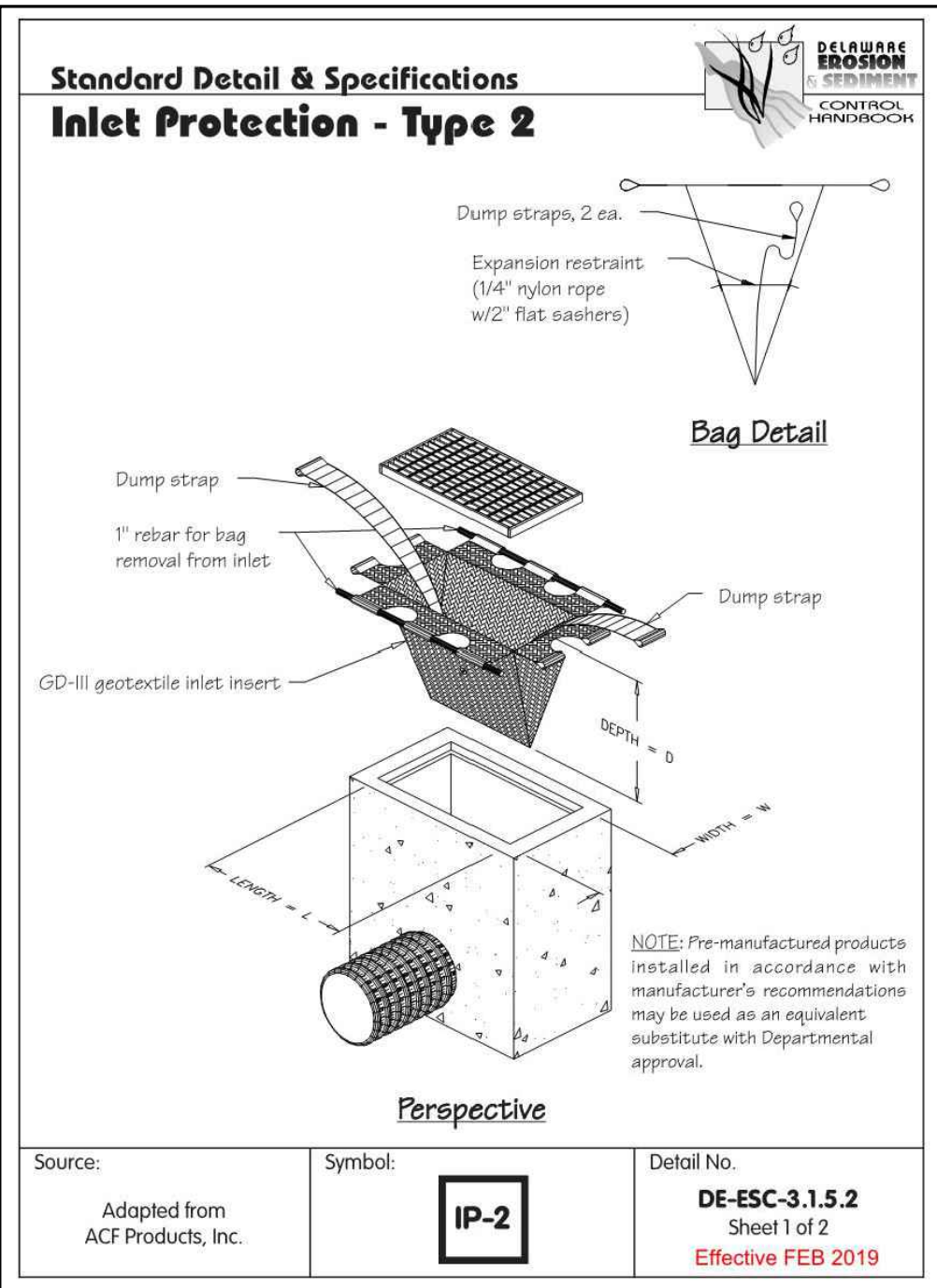
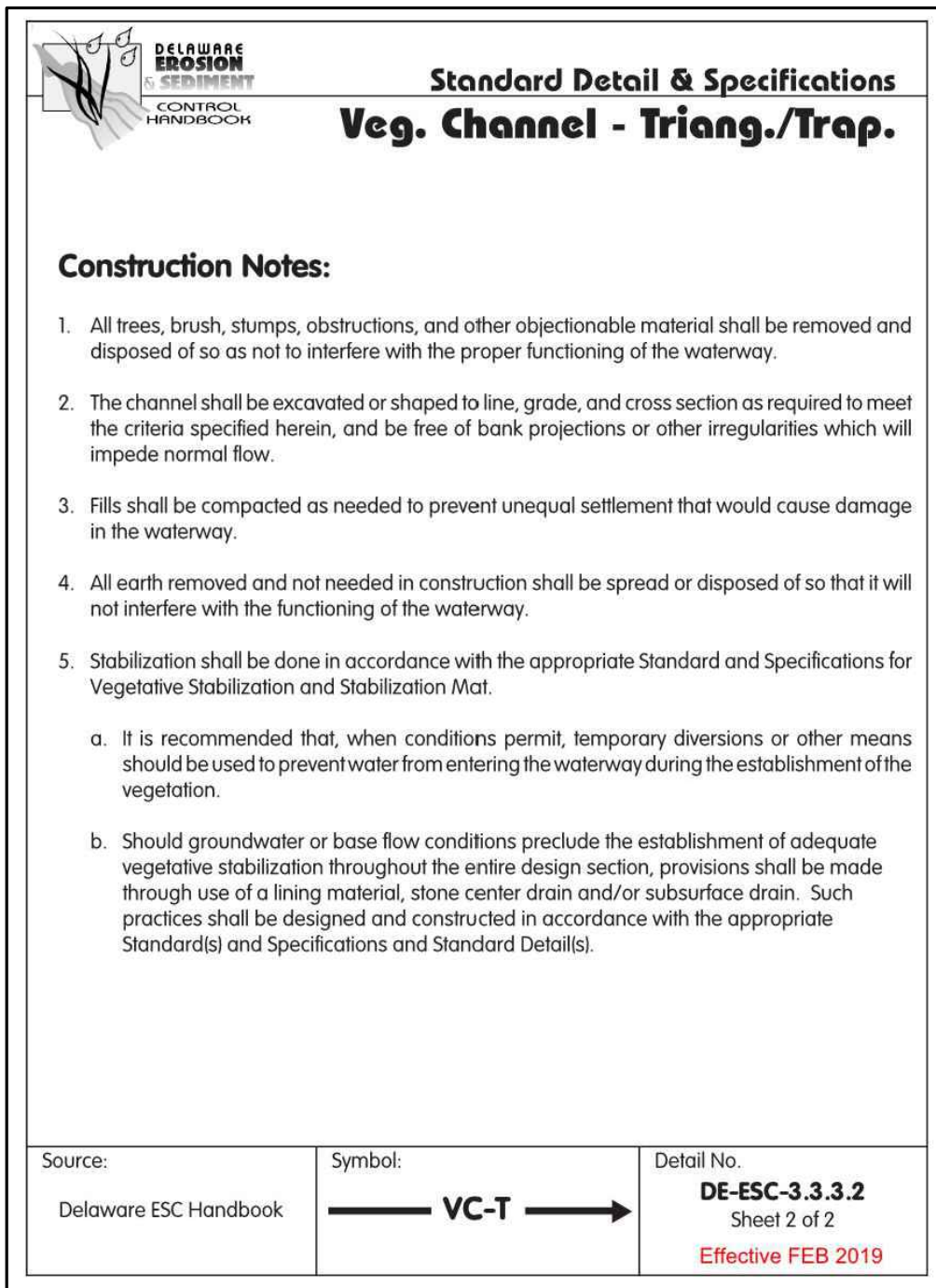
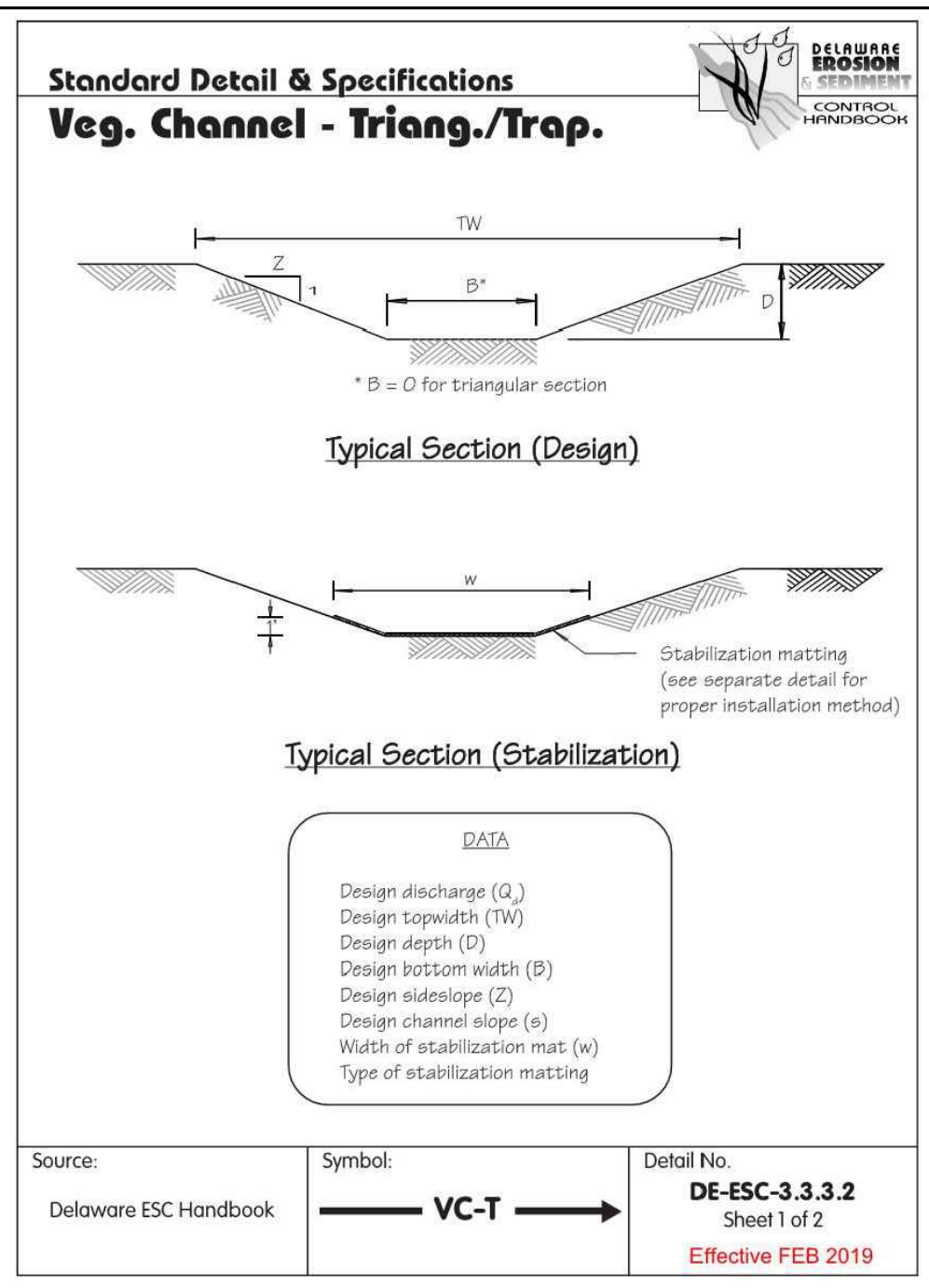
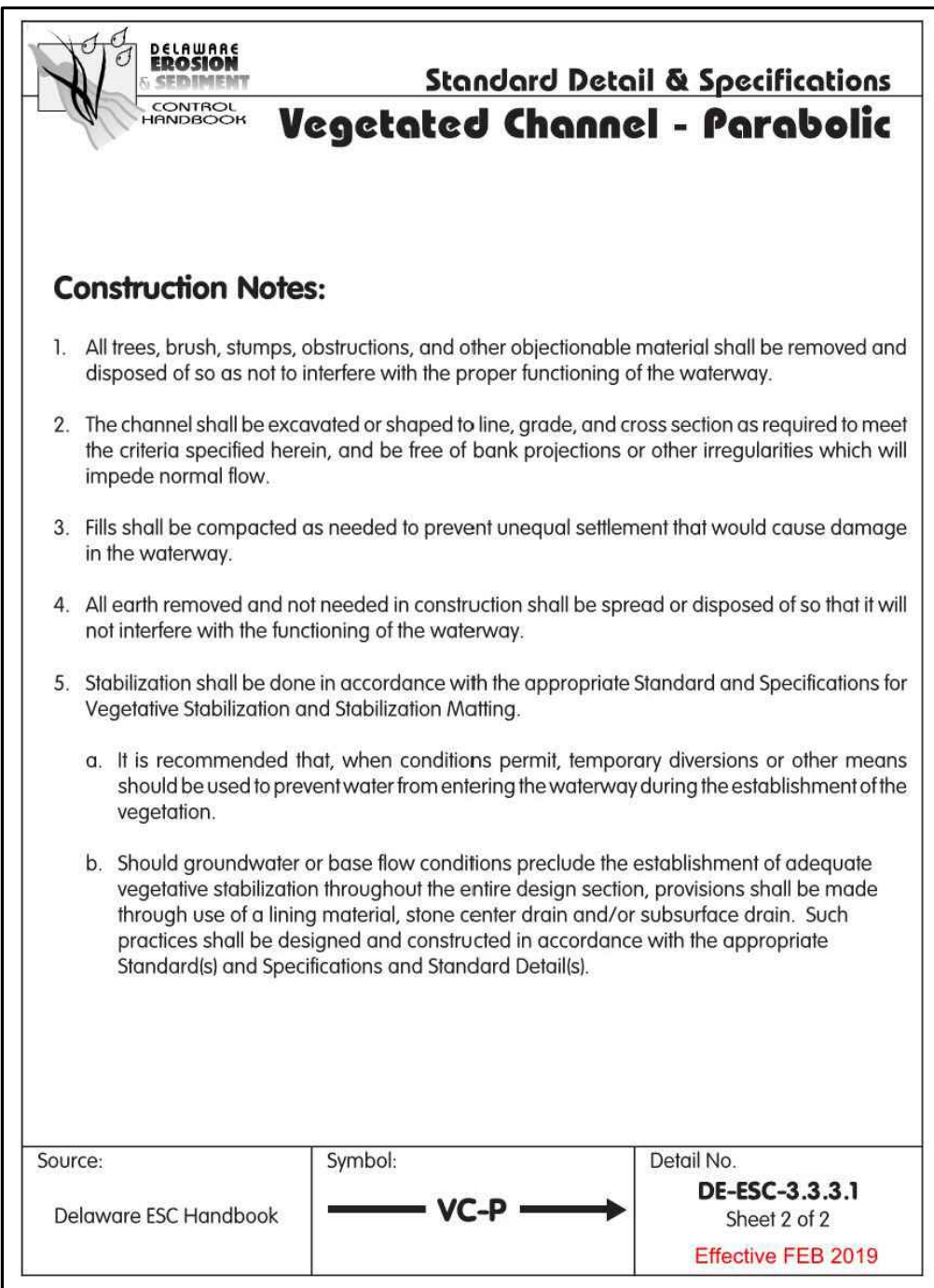
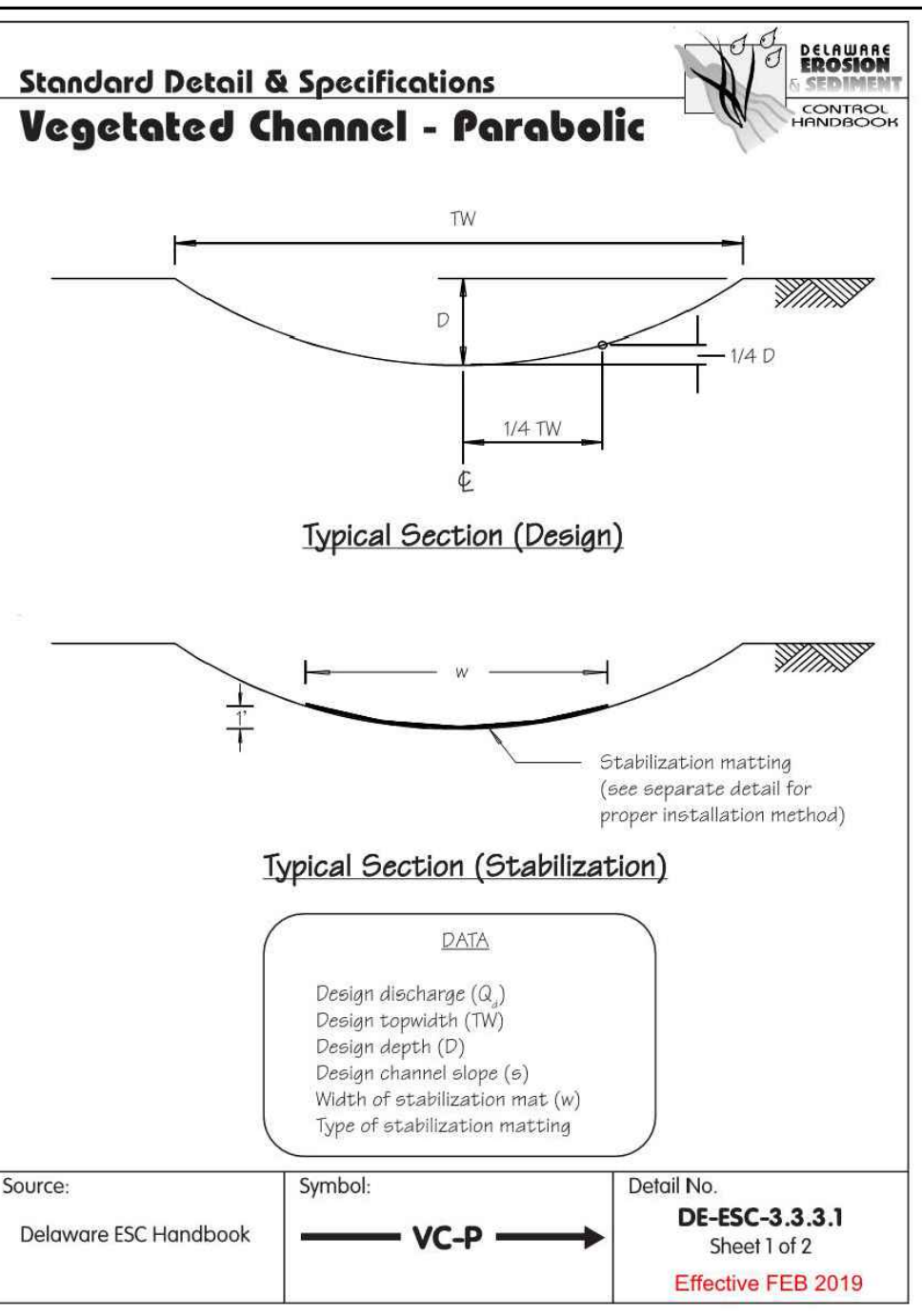
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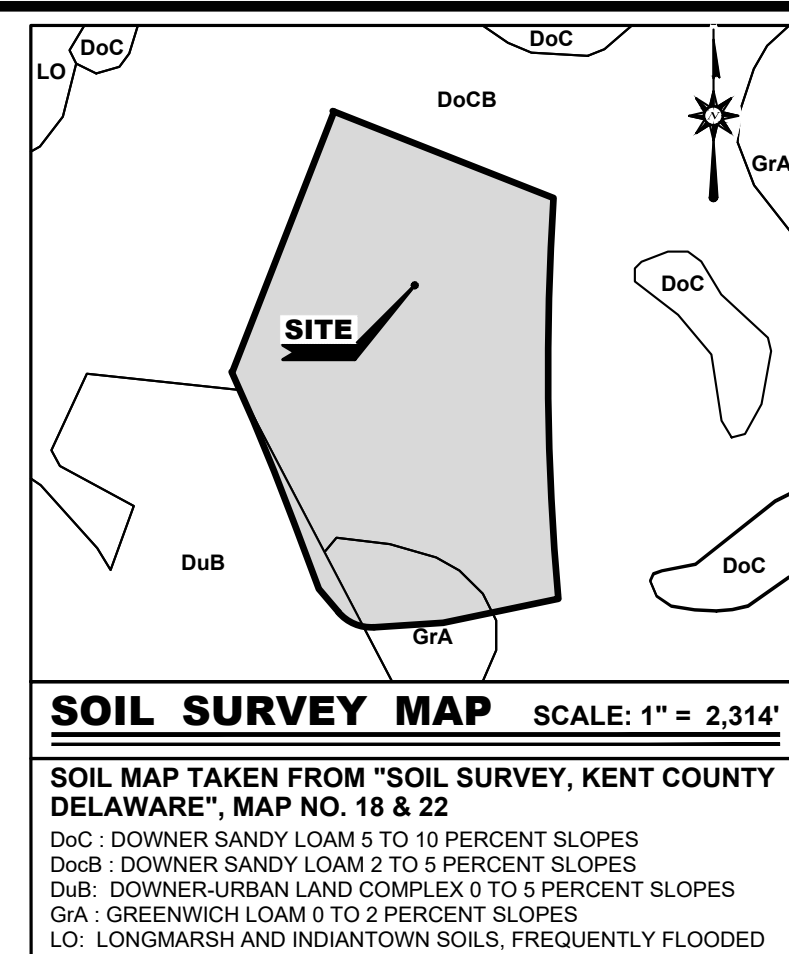
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SHEET

C-201




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SITE DATA	
1. OWNER OF RECORD:	STATE OF DELAWARE C/O DNREC 89 KINGS HWY DOVER, DE 19901
2. ENGINEER / SURVEYOR:	BECKER MORGAN GROUP INC. 309 SOUTH GOVERNORS AVE. DOVER, DELAWARE 19904 302-734-7950
3. PROPERTY LOCATION:	217 SMYRNA LEIPSIC RD, SMYRNA, DE 19977 LATITUDE N 39° 17' 40.40" GR580 - NAD83 (2011) LONGITUDE W 75° 35' 46.47" GR580 - NAD83 (2011)
4. TAX PARCEL NUMBER:	1-17-01906-01-0700-00001
5. DEED REFERENCE :	D.R. K43 / 62
6. SITE AREA SUMMARY:	26.3898 ACRES ±
7. TOTAL DISTURBED AREA:	13,250 SF (0.302 ACRES)
8. PERVIOUS AREA:	EXISTING: 1,076,803 S.F. (24.72 A.C.) PROPOSED: 1,070,879 S.F. (24.59 A.C.)
9. IMPERVIOUS AREA:	EXISTING: 72,745 S.F. (1.67 A.C.) PROPOSED: 78,625 S.F. (1.80 A.C.)
10. ZONING CLASSIFICATION:	I & R - INSTITUTIONAL AND RECREATIONAL DISTRICT
11. PRESENT USE:	INSTITUTIONAL NAVD 88 - X NAD 83 (2011) DSP - R
12. ROAD CLASSIFICATION:	NORTH DUPONT BOULEVARD - MINOR ARTERIALS (45 M.P.H.) SMYRNA LEIPSIC - MINOR COLLECTOR (40 M.P.H.)
13. deIDOT TID:	PARCEL OUTSIDE OF deIDOT TID
14. INVESTMENT LEVEL:	PARCEL OUTSIDE INVESTMENT AREAS
15. SURVEY DATUM:	NGS MONUMENTS VERTICAL: HORIZONTAL: US SURVEY FOOT
16. SURVEY UNIT:	LINEAR: US SURVEY FOOT ANGULAR: DEGREES MINUTES SECONDS (DMS) COORDINATE: NAD83
17. MONUMENTATION:	8 FOUND / X SET
18. WATERSHED AREA:	SMYRNA RIVER
19. MAJOR BASIN:	DELAWARE BAY

SUMMARY TABLE			
SUBAREA	POA	TOTAL AREA	RCN
PRE DA-1A	N/A	26.39 ± ACRES	43

STORMWATER LEGEND	
SUBAREA BOUNDARY	
TC FLOW PATH	N/A
SOIL BOUNDARY	 (SOIL GROUP B)  (SOIL GROUP C)

EROSION & SEDIMENT CONTROL LEGEND

LIMIT OF DISTURBANCE	—	L.O.D.	—	L.O.D.	—	L.O.D.	—
SILT FENCE	—	SF	—	SF	—	SF	—

STANDARD SEDIMENT AND STORMWATER GENERAL NOTES:

1. THE DNRDC SEDIMENT AND STORMWATER PROGRAM (OR DELEGATED AGENCY) SHALL BE NOTIFIED IN WRITING 5 DAYS PRIOR TO COMMENCING WITH CONSTRUCTION. FAILURE TO DO SO CONSTITUTES A VIOLATION OF THE APPROVED SEDIMENT AND STORMWATER MANAGEMENT PLAN.
2. REVIEW AND/OR APPROVAL OF THE SEDIMENT AND STORMWATER MANAGEMENT PLAN SHALL NOT RELIEVE THE CONTRACTOR FROM HIS OR HER RESPONSIBILITIES FOR COMPLIANCE WITH THE REQUIREMENTS OF THE DELAWARE SEDIMENT AND STORMWATER REGULATIONS, NOR SHALL IT RELIEVE THE CONTRACTOR FROM ERRORS OR OMISSIONS IN THE APPROVED PLAN.
3. IF THE APPROVED PLAN NEEDS TO BE MODIFIED, ADDITIONAL SEDIMENT AND STORMWATER CONTROL MEASURES MAY BE REQUIRED OR DEEMED NECESSARY BY THE DNRDC OR DELEGATED AGENCY.
4. FOLLOWSIDE DISTURBANCE OR REDISTURBANCE, OR TEMPORARY STABILIZATION SHALL BE COMPLETED FOR ALL PERIMETER SEDIMENT CONTROLS, SOIL STOCKPILES, AND ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE WITHIN 14 CALENDAR DAYS UNLESS MORE RESTRICTIVE FEDERAL REQUIREMENTS APPLY.
5. ALL SEDIMENT AND STORMWATER CONTROL PRACTICES SHALL BE IN ACCORDANCE WITH THE SEDIMENT CONTROL HANDBOOK, LATEST EDITION.
6. AT ANY TIME A Dewatering OPERATION IS REQUIRED, SHALL BE PREVIOUSLY APPROVED BY THE AGENCY CONSTRUCTION SITE SUPERVISOR FOR A NON-EMERGENCY DISCHARGE, AND A Dewatering Permit would be approved by the DNRDC /WET PERMITTING BRANCH.
7. APPROVAL OF A SEDIMENT AND STORMWATER MANAGEMENT PLAN DOES NOT GRANT OR IMPLY A RIGHT TO DISCHARGE STORMWATER FOR RUNOFF FROM A PROJECT. THE RIVINGTON PROJECT IS RESPONSIBLE FOR ACQUIRING ANY AND ALL AGREEMENTS, EASEMENTS, ETC. NECESSARY TO COMPLY WITH STATE DRAINAGE AND OTHER APPLICABLE LAWS.
8. THE CONTRACTOR SHALL, AT ALL TIMES PROTECT AGAINST SEDIMENT OR DEBRIS LAMEN RUNOFF OR WIND FROM LEAVING THE PROJECT SITE. SEDIMENT OR DEBRIS LAMEN RUNOFF SHALL BE PREVIOUSLY APPROVED BY THE AGENCY CONSTRUCTION SITE SUPERVISOR. SEDIMENT FROM LEAVING THE SITE, ACCUMULATED SEDIMENT SHALL BE REMOVED WHEN IT HAS REACHED HALF OF THE AVAILABLE CAPACITY OF THE CONTROL. IN ADDITION, THE CONTRACTOR MAY NOT TO ADJUST OR ALTER MEASURES TO MANAGE SEDIMENT RUNOFF FROM THE PROJECT SITE WITHOUT THE PREVIOUS APPROVAL OF THE AGENCY CONSTRUCTION SITE SUPERVISOR.
9. BEST AVAILABLE TECHNOLOGY (BAT) SHALL BE EMPLOYED TO MANAGE TURBID DISCHARGES IN ACCORDANCE WITH REQUIREMENTS OF 7 DEL. C. 40.00, REGULATIONS GOVERNING THE CONTROL OF WATER POLLUTION, SECTION 9.102, KNOWN AS THE "NATURAL CONDITIONS" DISCHARGE REGULATIONS, AND THE DELAWARE DEPARTMENT OF ENVIRONMENTAL CONTROL POLICIES, PROCEDURES, AND GUIDANCE.

OWNERS CERTIFICATION

WE, THE STATE OF DELAWARE, THE UNDERSIGNED, CERTIFY THAT ALL LAND CLEARING, CONSTRUCTION AND DEVELOPMENT SHALL BE DONE PURSUANT TO THE APPROVED STANDARD PLAN AND THAT RESPONSIBLE PERSONNEL (I.E., BLUE CARD HOLDER) INVOLVED IN THE LAND DISTURBANCE WILL HAVE A CERTIFICATION OF TRAINING PRIOR TO INITIATION OF THE PROJECT. AT A DNREC SPONSORED OR APPROVED TRAINING COURSE FOR THE CONTROL OF EROSION AND SEDIMENT DURING CONSTRUCTION. IN ADDITION, I GRANT THE DNREC SEDIMENT AND STORMWATER PROGRAM AND/OR THE RELEVANT DELEGATED AGENCY THE RIGHT TO CONDUCT ON-SITE REVIEWS.

COURTNEY LYNAHAN
STATE OF DELAWARE
211 DELAWARE STREET
NEW CASTLE DELAWARE 19720

DATE _____

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ENGINEERING

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wark, DE 19
302 360 370

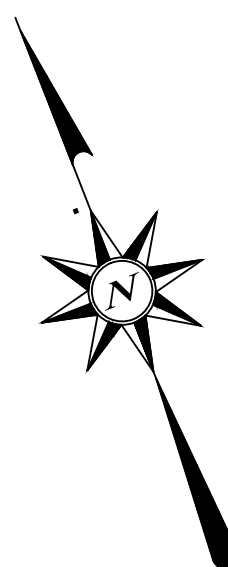
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410 546 9100

North Carolina

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PROJECT TITLE

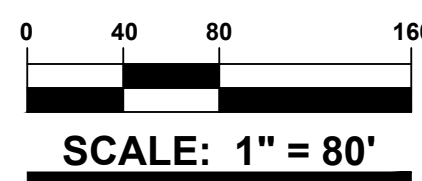
LANDS OF
**STATE OF
DELAWARE**

BELMONT HALL

217 SMYRNA LEIPSIC RD
TOWN OF SMYRNA
KENT COUNTY, DE

SHEET TITLE

PRE DEVELOPED SUBAREA LIMIT OF DISTURBANCE DRAINAGE AREA PLAN



ISSUE BLOCK

PROJECT NO.:		2022035.00
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DATE: 07/13/2023

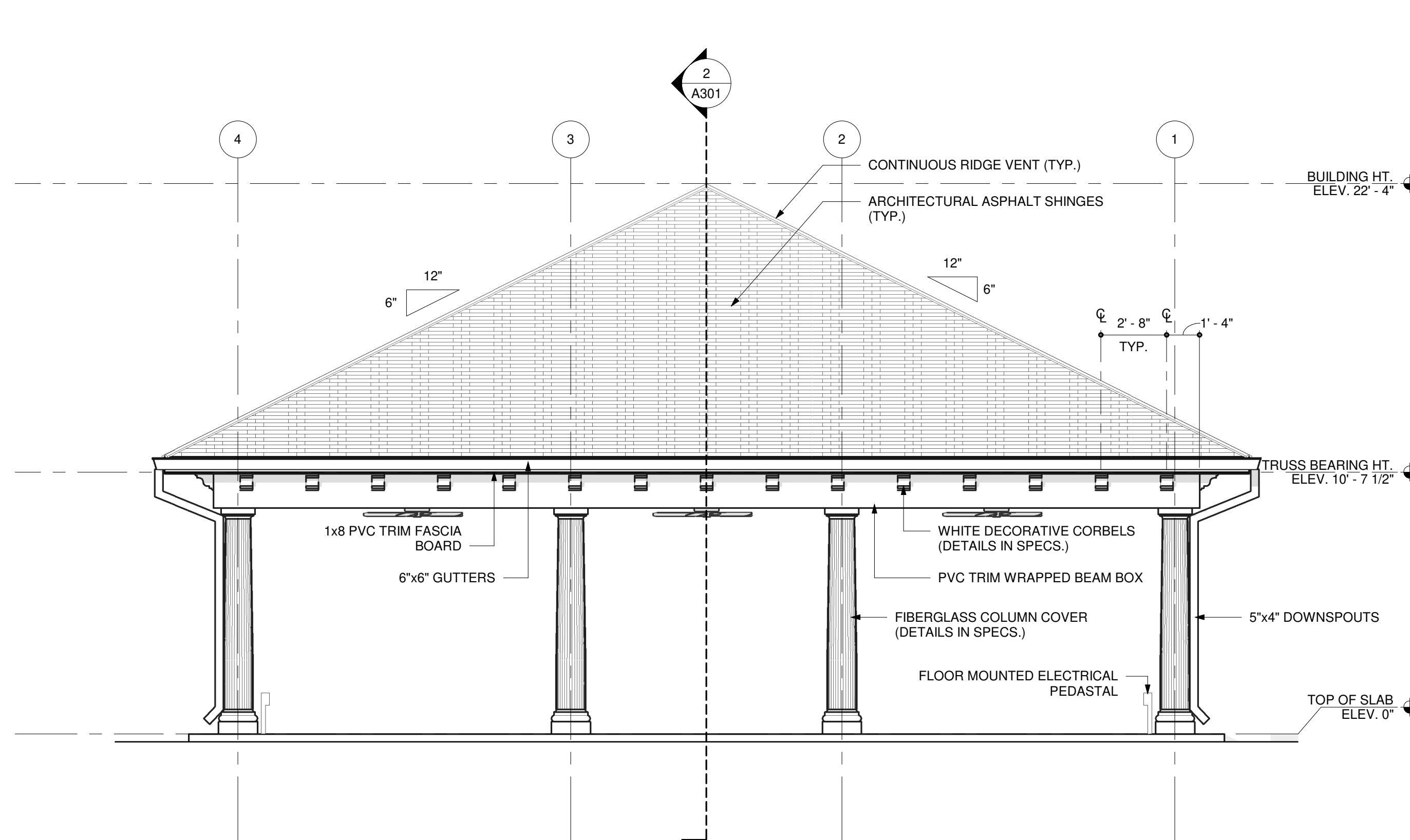
SCALE: 1" = 80'

DRAWN BY: J.D.M. PROJ. MGR.: C.D.C

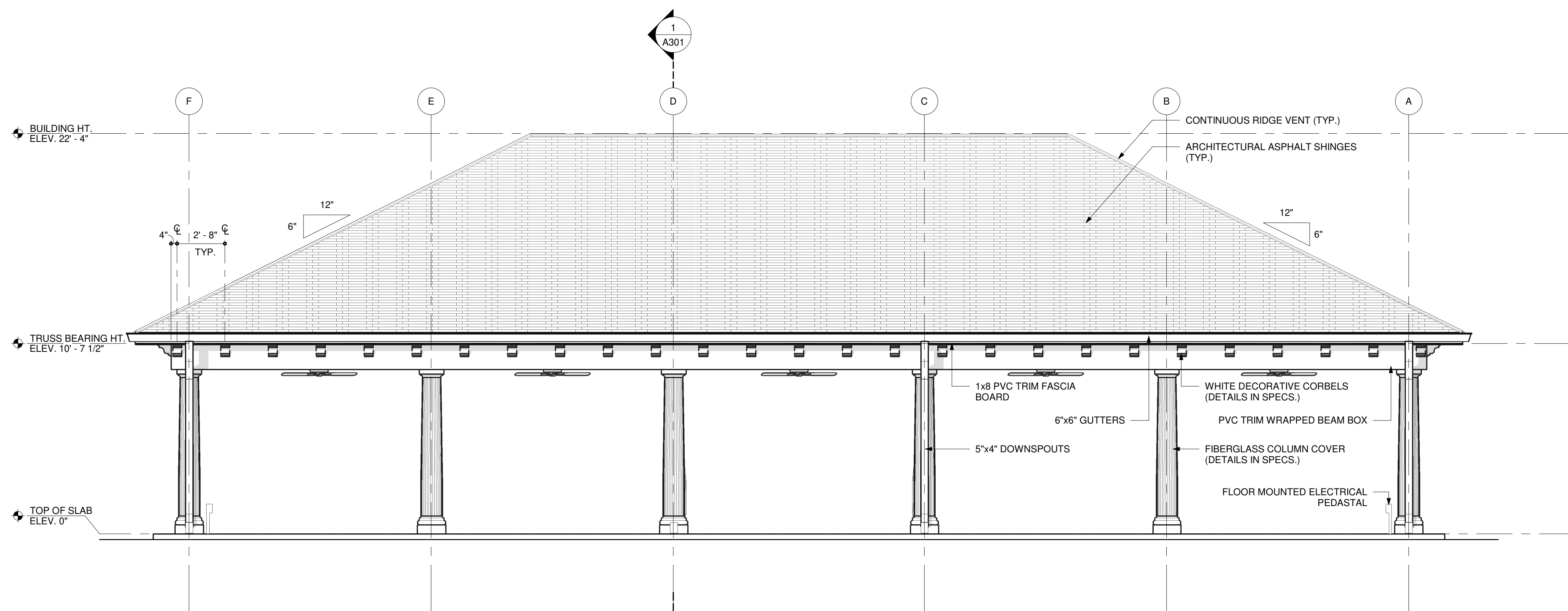
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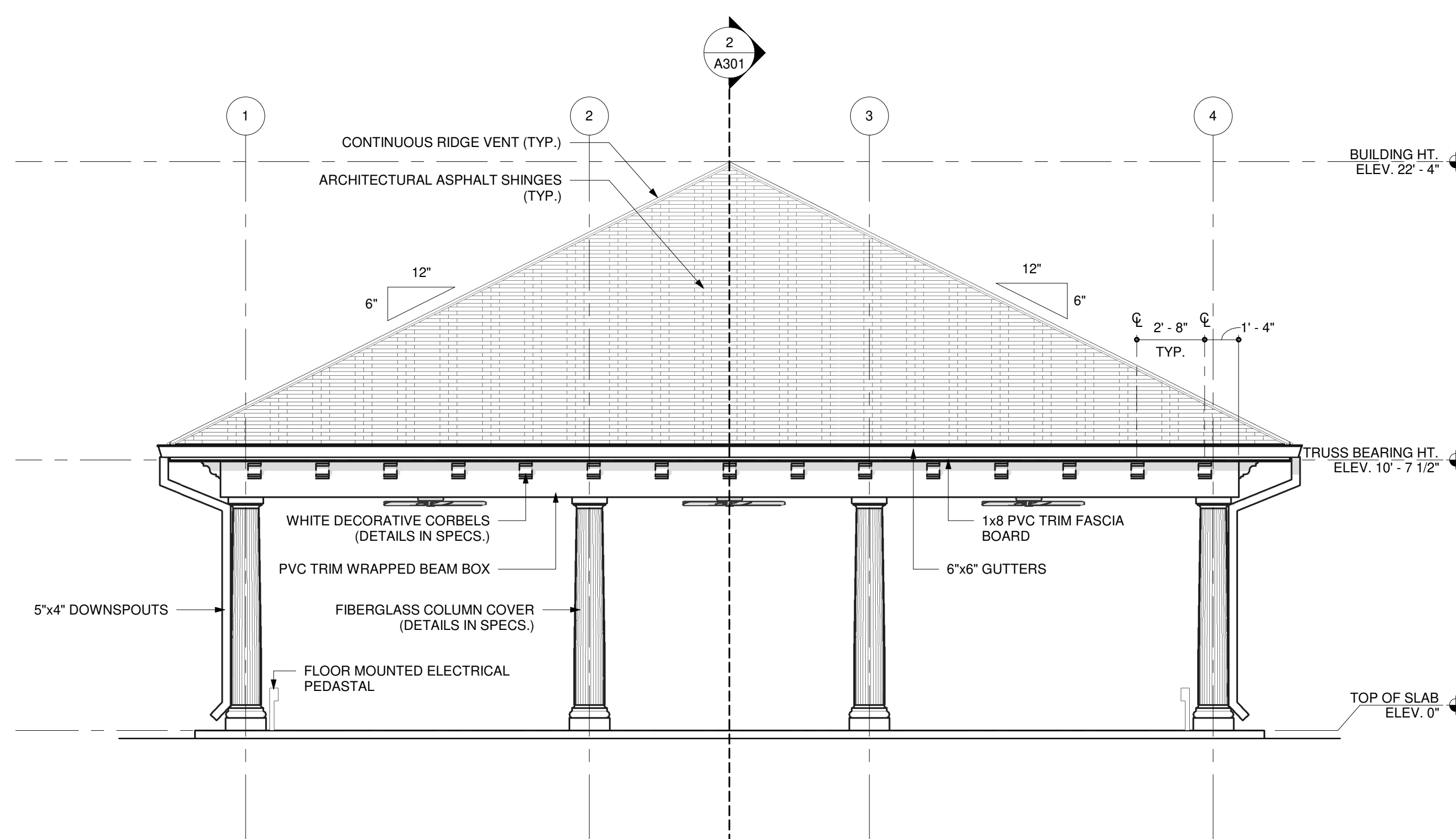
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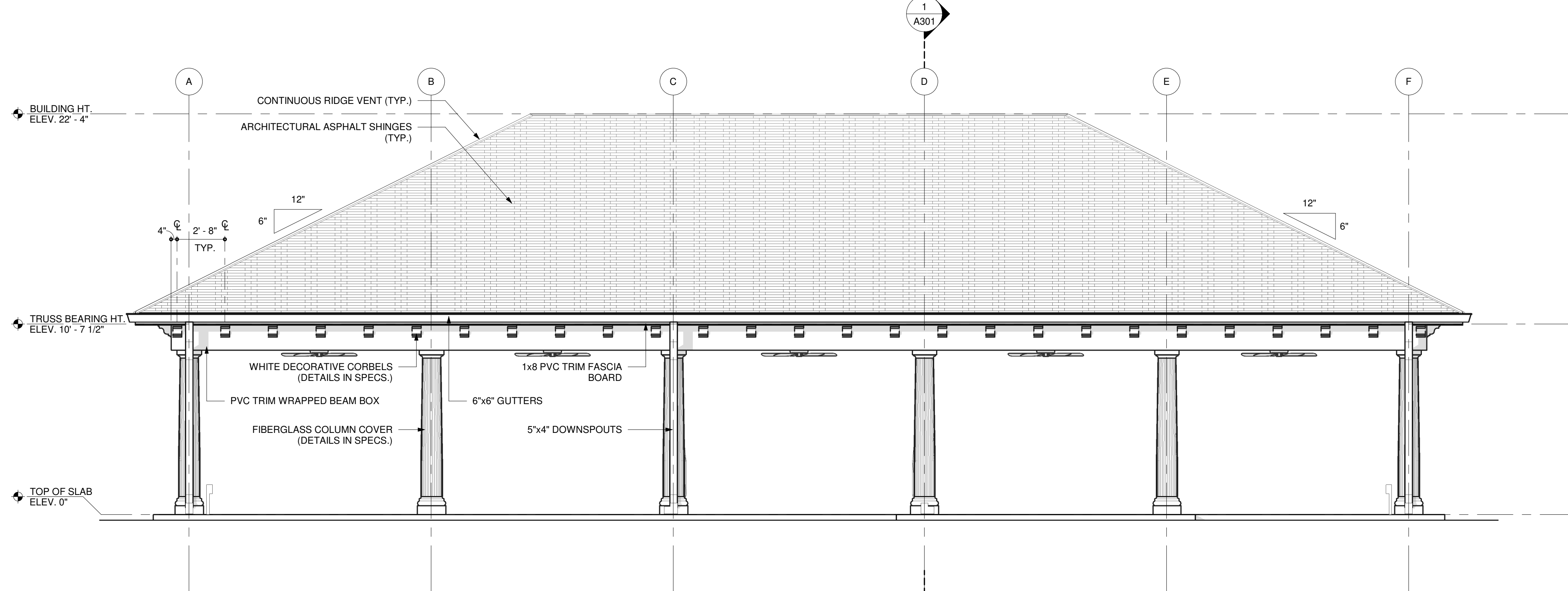
1 NORTH ELEVATION
SCALE: 1/4" = 1'-0"



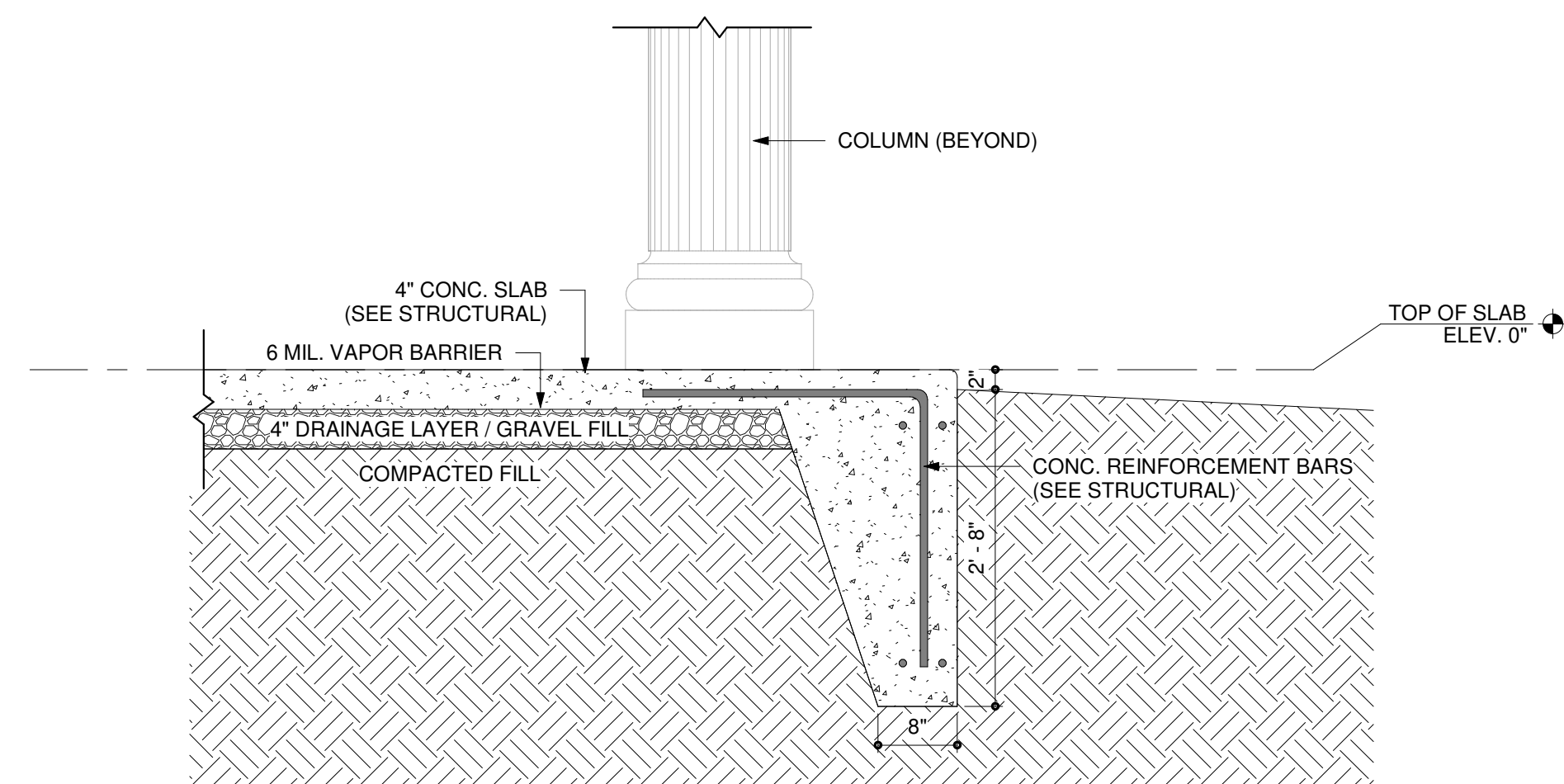
2 EAST ELEVATION
SCALE: 1/4" = 1'-0"



3 SOUTH ELEVATION
SCALE: 1/4" = 1'-0"

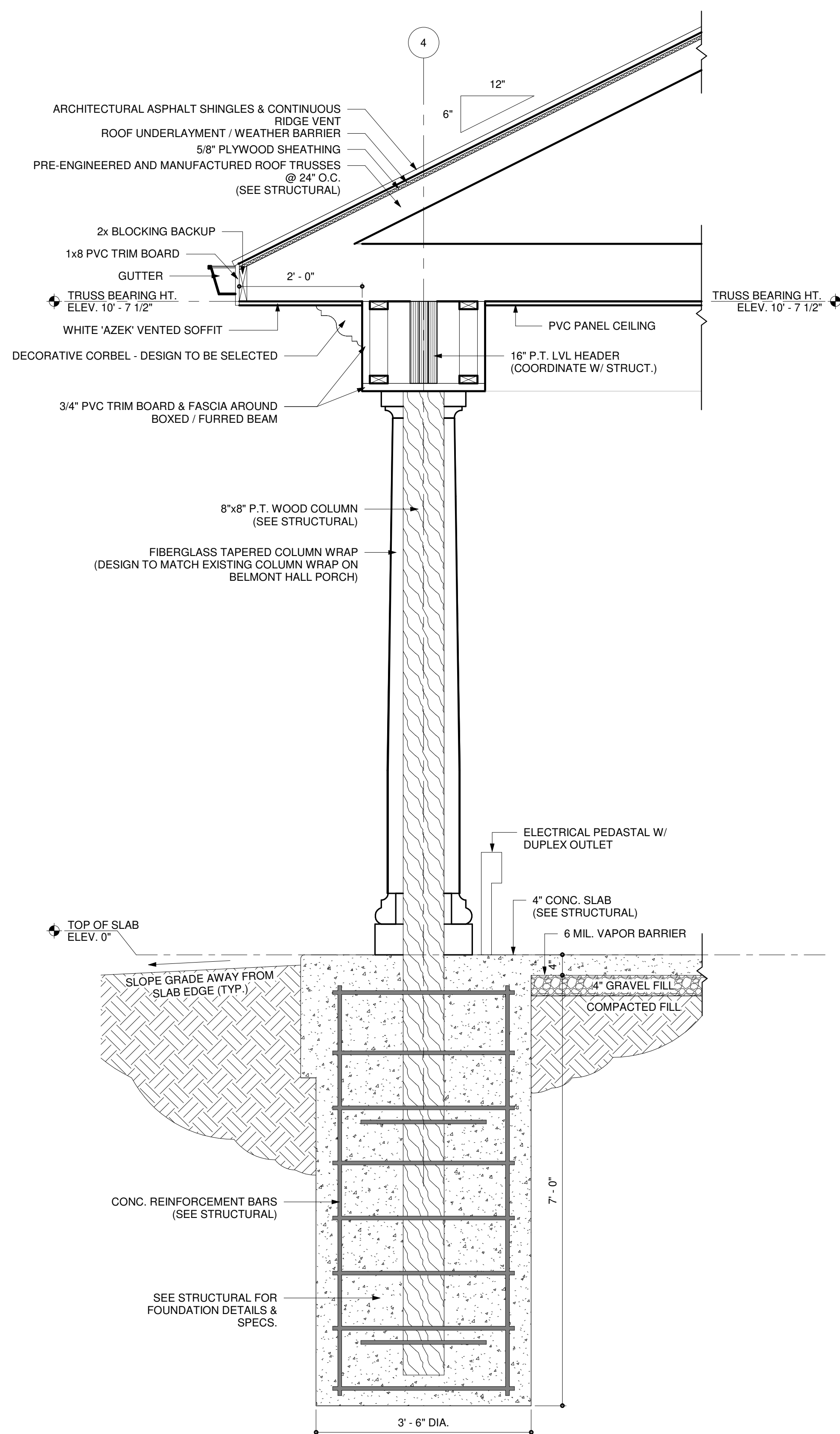


4 WEST ELEVATION
SCALE: 1/4" = 1'-0"

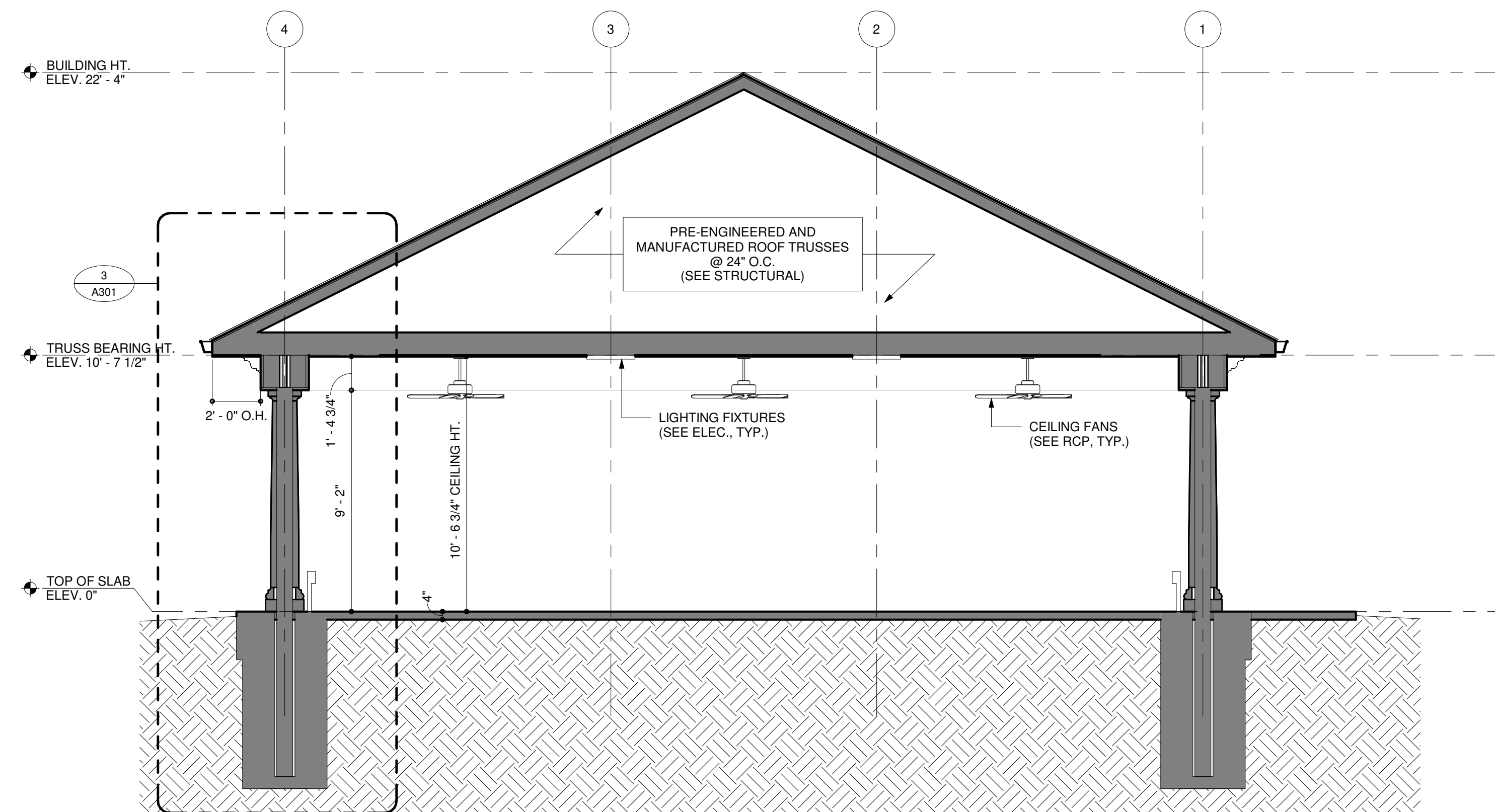


4 TYPICAL TURN-DOWN SLAB
DETAIL

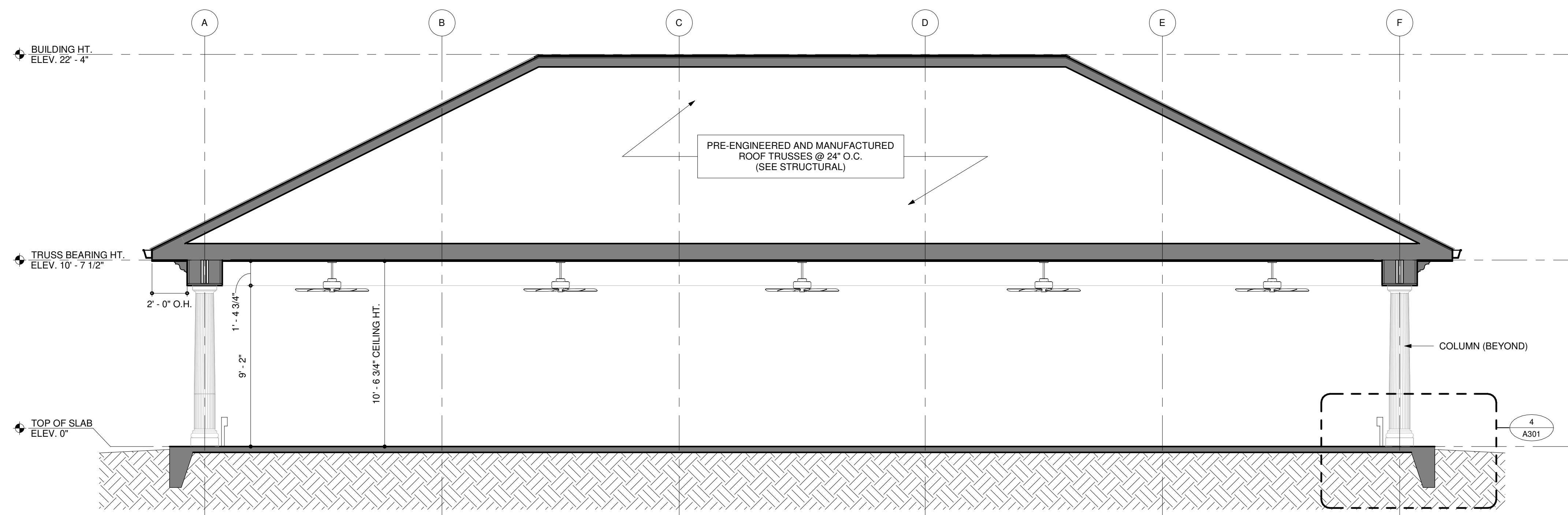
SCALE: 3/4" = 1'-0"



3 TYPICAL PILING / ROOF SECTION
SCALE: 3/4" = 1'-0"



1 BUILDING SECTION SCALE: 1/4" = 1'-0"



2 BUILDING SECTION SCALE: 1/4" = 1'-0"

	SYMBOL	DESCRIPTION
--	--------	-------------

DOMESTIC WATER	HT	HEIGHT	NEMA	NATIONAL ELEC
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ELECTRICAL DRAWINGS	
E000	ELECTRICAL SYMBOLS AND ABBREVIATIONS
E101	ELECTRICAL SITE PLAN
E201	ELECTRICAL LIGHTING AND POWER PLANS
E801	ELECTRICAL SCHEDULES AND DETAILS
P101	PLUMBING SITE PLAN AND DETAILS

PHYSICAL SYMBOLS AND ABBREVIATIONS

A. ALL WORK SHALL BE COORDINATED WITH OWNER AND ON-SITE

Delaware

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Baltimore, MD 21201

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Wilmington, NC 28403

DC, LLC

SOUTH CHAPEL STREET
MARK, DELAWARE 19711
302-747-2000 / 1-800-788-7475

EL MONT

AVILLION

ELECTRICAL

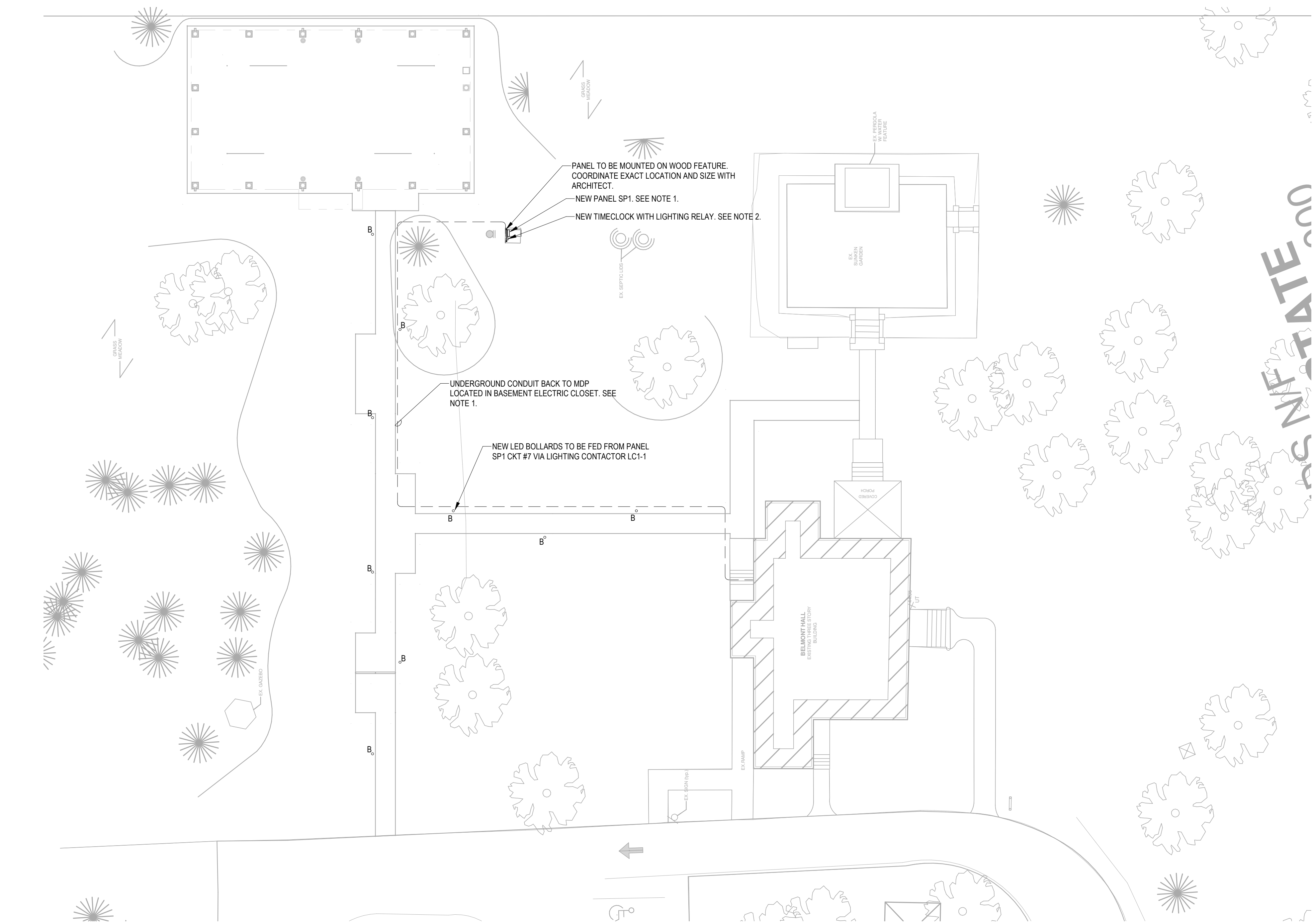
ABBREVIATIONS

07/14/2023	ISSUED FOR BID
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DATE:	04/14
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5000

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1 ELECTRICAL SITE PLAN
SCALE: 1/16" = 1'-0"

- General Notes - Site Plans**
1. NEW PANEL SP1 FED FROM EXISTING PANEL, MDP LOCATED IN BASEMENT ELECTRIC ROOM. E.C. SHALL PROVIDE NEW, 3 POLE, 200V, 60A BREAKER IN AVAILABLE SPACE IN EXISTING MDP. CIRCUIT SHALL SUPPLY PANEL SP1 VIA A 1 1/4" CONDUIT CONTAINING (3) #4 AWG CU, (1) #4 AWG CU NEUTRAL, AND (1) #4 AWG CU GND. CONDUIT SHALL BE BURIED AT A MINIMUM DEPTH OF 24" TO THE TOP OF THE CONDUIT. E.C. SHALL COORDINATE ALL TRENCHING WITH OTHER TRADES, AND ON-SITE ARCHAEOLOGY TEAM.
 2. NEW TIMECLOCK/PHOTOCELL AND LIGHTING RELAY SERVING NEW LED BOLLARDS. E.C. SHALL COORDINATE MOUNTING AND INSTALLATION IN FIELD. REFER TO LIGHTING CONTROL DETAIL ON THIS SHEET FOR DETAILS.
 3. ALL LIGHTING AND POWER CONDUCTORS SHALL BE INSTALLED BETWEEN 24" (MINIMUM) AND 36" (MAXIMUM) BELOW FINISHED GRADE AND SHALL BE MINIMUM #10 AWG CU.



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NEWARK, DELAWARE 19711
302-738-7172 fax: 302-738-7175

PROJECT TITLE

**BELMONT
HALL EVENT
PAVILLION**

713 SMYRNA LEIPSIC ROAD
SMYRNA, DELAWARE 19977

**ISSUED
FOR PERMIT ONLY**

ISSUED: 06/16/2023

SHEET TITLE

**ELECTRICAL SITE
PLAN**

ISSUE BLOCK

Mark	Date	Description
1	07/14/2023	ISSUED FOR BID/PERMIT

PROJECT NO: 2022035.01
DATE: 04/14/2023
SCALE: 1/16" = 1'-0"

DRAWN BY: JMD PROJ MGR: DBC

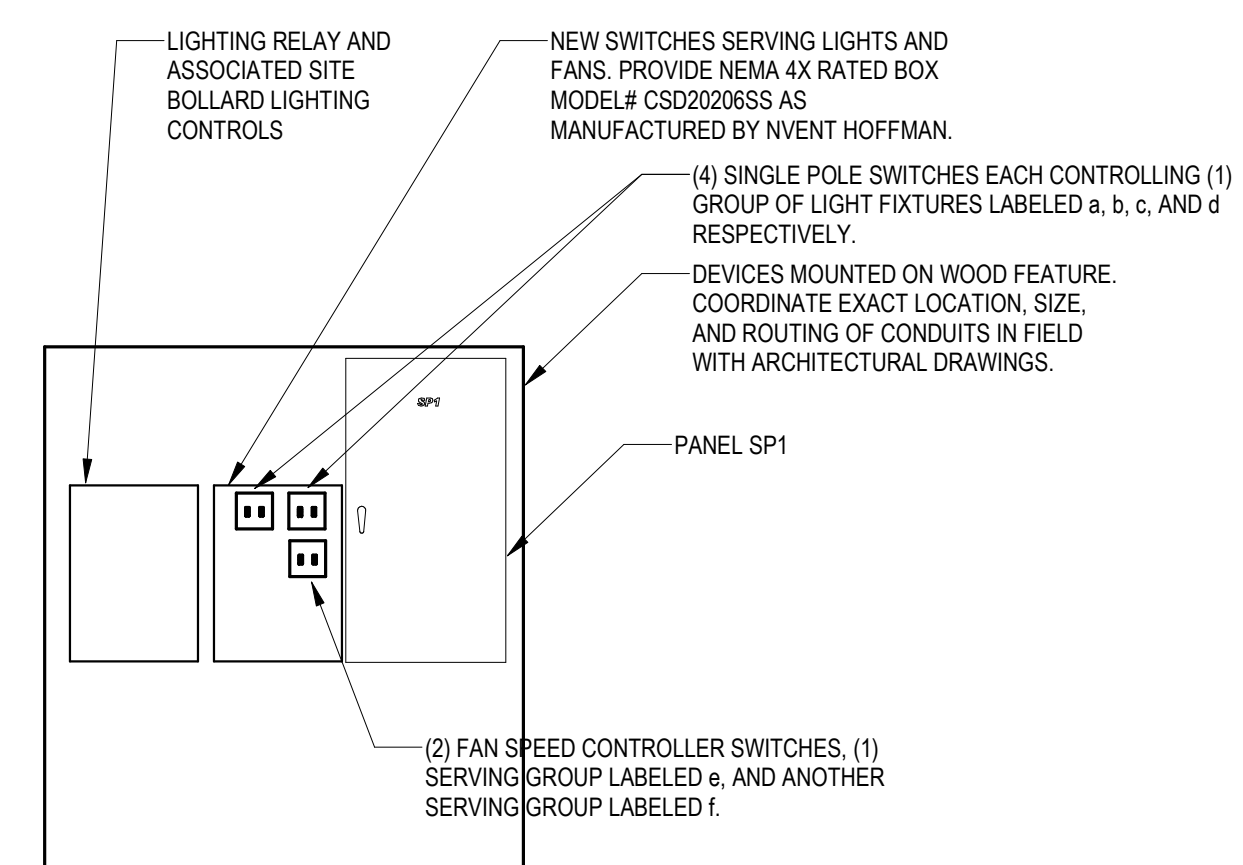
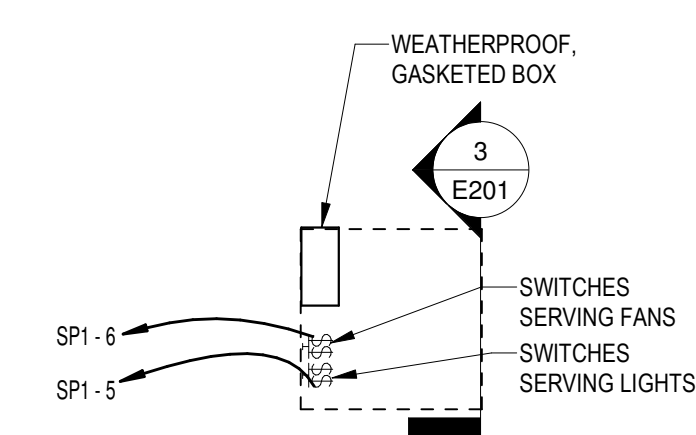
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1 ELECTRICAL - POWER PLAN SCALE: 1/4" = 1'-0"

2 ELECTRICAL - LIGHTING PLAN



3 LIGHT SWITCH ELEVATION

GENERAL NOTES - POWER AND LIGHTING

- 1 SEE ARCHITECTURAL EXTERIOR ELEVATIONS FOR
MOUNTING HEIGHTS OF EXTERIOR LIGHTING FIXTURES.
2 REFER TO SECTION 26 0519 FOR MINIMUM CONDUCTOR SIZE
ADJUSTMENTS FOR VOLTAGE DROP.
3 PROVIDE PROPER NUMBER OF CONDUCTORS TO ACHIEVE
CIRCUITING AND SWITCHING SHOWN.

KEYNOTES

- 1 NEW CEILING FAN MODEL #53347 AS MANUFACTURED BY HUNTER. COORDINATE FINISH WITH ARCHITECT PRIOR TO PURCHASING.

BECKER
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GROUP

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HALL EVENT
PAVILLION

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ISSUED: 06/16/2023

SHEET TITLE

ELECTRICAL LIGHTING AND POWER PLANS

[illegible]

PROJECT NO:	2022035.01
DATE:	04/14/2023

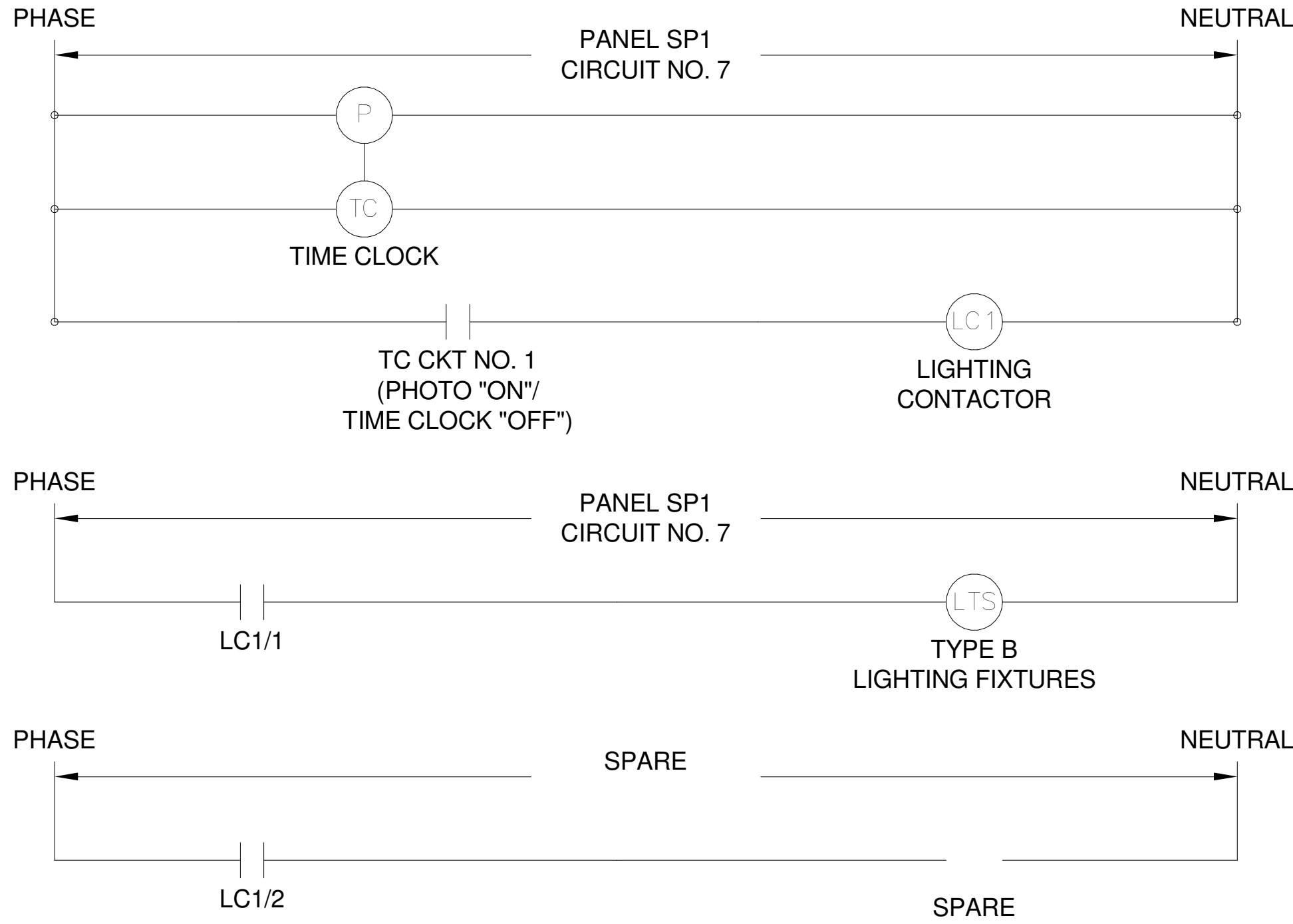
SCALE:	As indicated
DRAWN BY: JMD	PROJ MGR: DBC

E201

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LIGHTING FIXTURE SCHEDULE						
TAG	Wattage	Voltage (user)	Lamp Type	Color Temperature	Model Number	Description
A	53W	120V	LED	3500 K	VISIONEERING / LRTA-C292X4-LED-8-35K-063L-UNV-839-C03	2X4 RECESSED LED FIXTURE, WET LOCATION LISTED FOR EXTERIOR USE
B	37W	120V	LED	3500 K	ELITE LIGHTING / OBO-103-LED	36" LED BOLLARD
					Text Comment	



1 LIGHTING CONTROL DIAGRAM
SCALE: N.T.S.

Branch Panel: SP1											
Location: SEE DWG E101				Volts: 208Y/120			A.I.C. Rating: 65KA				
Supply From: MDP				Phases: 3			Mains Type: MCB				
Mounting: Surface				Wires: 4			Mains Rating: 100.0 A				
Enclosure: Outdoor							MCB Rating: 60.0 A				
Notes:											
CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT	
1	REC-PAVILLION	20.0 A	1	720 VA	720 VA			1	20.0 A REC-PAVILLION	2	
3	REC-PAVILLION	20.0 A	1		360 VA	360 VA		1	20.0 A REC-PAVILLION	4	
5	LTS-PAVILLION	20.0 A	1				0 VA	0 VA	1	20.0 A FANS-PAVILLION	6
7	LTS-BOLLARDS	20.0 A	1	0 VA	0 VA			1	20.0 A REC-PAVILLION SOFFIT	8	
9	REC-PAVILLION SOFFIT	20.0 A	1		0 VA	0 VA		1	20.0 A REC-PAVILLION SOFFIT	10	
11	REC-PAVILLION SOFFIT	20.0 A	1			0 VA	0 VA	1	20.0 A SPARE	12	
13	SPARE	20.0 A	1	0 VA	0 VA			1	20.0 A SPARE	14	
15	SPARE	20.0 A	1		0 VA	0 VA		1	20.0 A SPARE	16	
17	SPARE	20.0 A	1			0 VA	0 VA	1	20.0 A SPARE	18	
Total Load:				1440 VA	720 VA	0 VA					
Total Amps:				12.9 A	6.9 A	0.0 A					
Legend:											
Load Classification		Connected Load		Demand Factor		Estimated Demand		Panel Totals			
Other		0 VA		0.00%		0 VA					
RCPT		2160 VA		100.00%		2160 VA		Total Conn. Load: 2160 VA			
								Total Est. Demand: 2160 VA			
								Total Conn.: 6.0 A			
								Total Est. Demand: 6.0 A			
Notes:											



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ISSUED: 06/16/2023

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ELECTRICAL
SCHEDULES AND
DETAILS

ISSUE BLOCK

1 07/14/2023 ISSUED FOR BID/PERMIT

Mark Date Description

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