

U.S. DEPARTMENT OF VETERANS AFFAIRS

NEW MENTAL HEALTH BUILDING - PHASE 2

830 CHALKSTONE AVE PROVIDENCE, RI 02908
PROJ. NO. 650-347



DRAWING LIST	
SHEET NUMBER	SHEET NAME
GENERAL DRAWINGS	
GI001	COVER SHEET
GI002	SYMBOLS, ABBREVIATIONS AND GENERAL NOTES
GI003	FIRESTOP DETAILS
LIFE SAFETY DRAWINGS	
LS100	BASEMENT LIFE SAFETY PLAN
LS101	FIRST FLOOR LIFE SAFETY PLAN
LS102	SECOND FLOOR LIFE SAFETY PLAN
CIVIL DRAWINGS	
CO01	SITE GENERAL NOTES & ABBREVIATIONS
CD101	SITE REMOVALS PLAN
CP101	SITE LAYOUT AND MATERIALS PLAN
CP301	PLAZA INSET PLAN / BUILDING 14 PLAN
CG101	SITE GRADING PLAN & EROSION CONTROL PLAN
CU101	SITE UTILITY PLAN
LP101	SITE PLANTING PLAN
CS01	SITE DETAILS
CS02	SITE DETAILS
CS03	SITE DETAILS
STRUCTURAL DRAWINGS	
SS001	GENERAL NOTES
SB101	LEVEL B FOUNDATION PLAN
SB300	TYPICAL FOUNDATION DETAILS
SB301	FOUNDATION SECTIONS & DETAILS
SB302	FOUNDATION SECTIONS & DETAILS
SB303	PILECAP & GRADE BEAM DETAILS, FOUNDATION WALL ELEVATIONS
SF101	LEVEL 1 FRAMING PLAN
SF102	LEVEL 2 FRAMING PLANS
SF103	ROOF FRAMING PLAN
SF401	BRACED FRAME ELEVATIONS
SF500	TYPICAL FRAMING DETAILS
SF501	TYPICAL BRACED FRAME CONNECTION DETAILS
SF502	FRAMING SECTIONS & DETAILS
SF503	FRAMING SECTIONS & DETAILS
ARCHITECTURAL DRAWINGS	
AD101	REMOVAL FLOOR PLANS
AD201	REMOVAL ELEVATIONS & SECTIONS
AE100	BASEMENT FLOOR REFERENCE PLAN
AE100A	BASEMENT FLOOR PLAN
AE101	FIRST FLOOR REFERENCE PLAN
AE101A	FIRST FLOOR PLAN
AE102	SECOND FLOOR REFERENCE PLAN
AE102A	SECOND FLOOR PLAN
AE103	ROOF PLAN
AE110	BASEMENT REFLECTED CEILING PLAN
AE111	FIRST FLOOR REFLECTED CEILING PLAN
AE112	SECOND FLOOR REFLECTED CEILING PLAN
AE201	BUILDING ELEVATIONS
AE202	BUILDING ELEVATIONS
AE203	3D VIEWS
AE204	INTERIOR ELEVATIONS #033, 034
AE205	INTERIOR ELEVATIONS #036, 037, 039, 040, 041, 042, 043, 131
AE206	INTERIOR ELEVATIONS #133, 134, 034A, 140, 152, 203
AE207	INTERIOR ELEVATIONS #204, 216
AE301	BUILDING SECTIONS
AE310	WALL SECTIONS
AE311	WALL SECTIONS

DRAWING LIST	
SHEET NUMBER	SHEET NAME
FIRE PROTECTION DRAWINGS	
FP001	FIRE PROTECTION LEGENDS, SYMBOLS, & NOTES
FP100	FIRE PROTECTION AREAS OF WORK
FP111	LEVEL B PLAN - FIRE PROTECTION
FP121	LEVEL 1 PLAN - FIRE PROTECTION
FP131	LEVEL 2 PLAN - FIRE PROTECTION
FP501	FIRE PROTECTION DETAILS
FIRE ALARM DRAWINGS	
FA001	FIRE ALARM LEGEND
FA101	LEVEL B PLAN - FIRE ALARM PLAN
FA102	LEVEL 1 PLAN - FIRE ALARM PLAN
FA103	LEVEL 2 PLAN - FIRE ALARM PLAN
FA501	FIRE ALARM DETAILS
FA601	FIRE ALARM DIAGRAMS
PLUMBING DRAWINGS	
P-001	PLUMBING - LEGEND, SYMBOLS, & GENERAL NOTES
PS101	PLUMBING GRAVITY - LEVEL B UNDERSLAB PLAN
PS111	PLUMBING GRAVITY - LEVEL B PLAN
PS121	PLUMBING GRAVITY - LEVEL 1 PLAN
PS131	PLUMBING GRAVITY - LEVEL 2 PLAN
PS141	PLUMBING GRAVITY - ROOF PLAN
PP111	PLUMBING PRESSURE - LEVEL B PLAN
PP121	PLUMBING PRESSURE - LEVEL 1 PLAN
PP131	PLUMBING PRESSURE - LEVEL 2 PLAN
PP132	PLUMBING - LEVEL 2 PH1 PLAN
P-601	PLUMBING ENLARGED PLANS
P501	PLUMBING DETAILS
P502	PLUMBING DETAILS
P601	PLUMBING ISOMETRICS - PRESSURE
P602	PLUMBING ISOMETRICS - GRAVITY
P801	PLUMBING SCHEDULES

DRAWING LIST	
SHEET NUMBER	SHEET NAME
MECHANICAL DRAWINGS	
M-001	MECHANICAL LEGEND, SYMBOLS, & GENERAL NOTES
MH100	MECHANICAL SITE PLAN
MH111	MECHANICAL HVAC PLAN - LEVEL B
MH112	MECHANICAL PRESSURIZATION PLAN - LEVEL B
MH121	MECHANICAL HVAC PLAN - LEVEL 1
MH122	MECHANICAL PRESSURIZATION PLAN - LEVEL 1
MH131	MECHANICAL HVAC PLAN - LEVEL 2
MH132	MECHANICAL PRESSURIZATION PLAN - LEVEL 2
MP111	MECHANICAL PIPING PLAN - LEVEL B
MP121	MECHANICAL PIPING PLAN - LEVEL 1
MP131	MECHANICAL PIPING PLAN - LEVEL 2
MP132	MECHANICAL PIPING PLAN - LEVEL 2 PH1
M401	MECHANICAL ENLARGED PLANS
M501	MECHANICAL DETAILS
M502	MECHANICAL DETAILS
M503	MECHANICAL DETAILS
M701	MECHANICAL CONTROLS
M702	MECHANICAL CONTROLS
M703	MECHANICAL CONTROLS
M801	MECHANICAL SCHEDULES
M802	MECHANICAL EQUIPMENT DIAGRAM
ELECTRICAL DRAWINGS	
E-001	ELECTRICAL LEGENDS
E-002	ELECTRICAL GENERAL NOTES
E100	ELECTRICAL SITE PLAN
EL201	LEVEL B PLAN - LIGHTING
EL202	LEVEL 1 PLAN - LIGHTING
EL203	LEVEL 2 PLAN - LIGHTING
EP201	LEVEL B PLAN - POWER
EP202	LEVEL 1 PLAN - POWER
EP203	LEVEL 2 PLAN - POWER
EP213	LEVEL 2 PHASE 1 - POWER
EP214	ROOF PLAN - LIGHTNING PROTECTION
E-501	ELECTRICAL DETAILS
E-601	ELECTRICAL ONE-LINE DIAGRAM
E-801	ELECTRICAL SCHEDULES
E-802	ELECTRICAL PANEL SCHEDULES
E-803	ELECTRICAL PANEL SCHEDULES
EC101	ELECTRICAL CALCULATIONS - LEVEL B
EC102	ELECTRICAL CALCULATIONS - LEVEL 1
EC103	ELECTRICAL CALCULATIONS - LEVEL 2
TELECOM DRAWINGS	
T-001	TELECOM LEGEND AND ABBREVIATIONS
T-101	LEVEL B PLAN - FIBER ROUTING
T1102	LEVEL 1 PLAN - OVERALL
TA101	LEVEL 1 PLAN - AV/PANURSE CALL
TA102	LEVEL 1 PLAN - AV/PANURSE CALL
TA103	LEVEL 2 PLAN - AV/PANURSE CALL
TN101	LEVEL B PLAN - DATA/DA
TN102	LEVEL 1 PLAN - DATA/DA
TN103	LEVEL 2 PLAN - DATA/DA
TN104	ROOF LEVEL PLAN - DATA/DA
T-401	TELECOM ENLARGED PLANS
T-501	TELECOM DETAILS
T-601	TELECOM RISERS AND DIAGRAMS
PHYSICAL SECURITY DRAWINGS	
EY101	SECURITY DEVICES - BASEMENT FLOOR PLAN
EY102	SECURITY DEVICES - FIRST FLOOR PLAN
EY103	SECURITY DEVICES - SECOND FLOOR PLAN
EY104	SECURITY DEVICES - ROOF PLAN
EY501	SECURITY DEVICES - SCHEMATICS AND SCHEDULES

			CONSULTANT CONSULTANT DISCIPLINE:		ARCHITECT/ENGINEER OF RECORD WBRC ARCHITECTS • ENGINEERS WWW.WBRCAE.COM BANGOR, MAINE 207-947-4511 PORTLAND, MAINE 207-838-4511 SARASOTA, FLORIDA 941-556-0757	STAMP RICHARD BORRELL REGISTERED PROFESSIONAL ARCHITECT NO. 4587 STATE OF MAINE	Office of Construction and Facilities Management VA U.S. Department of Veterans Affairs	Drawing Title COVER SHEET	Phase 100% CD SUBMISSION	Project Title NEW MENTAL HEALTH BUILDING - PHASE 2	Project Number 650-347		
						Building Number 39				FULLY SPRINKLERED	Location 830 CHALKSTONE AVE PROVIDENCE, RI 02908	Drawing Number G1001	
											Issue Date 04 FEB 2022	Checked JRB	Drawn BRS

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AB	ANCHOR BOLT, AUGER BORING	GA	GALV	GAUGE
ABI	ALTERNATE BID ITEM	GC	GALVANIZED	GENERAL CONTRACTOR
AC	ACOUSTIC AIR CONDITIONING, ASPHALTIC CONCRETE	GF/GI	GOVT	FURNISHED/GOVT. INSTALLED
AD	ACCESS DOOR	GF/GI	GOVT	FURNISHED/CONTRACTOR INSTALLED
ADD ALT	ADDITIVE ALTERNATE	GI	GALVANIZED IRON	
ADJ	ADJUSTABLE	GPM	GOVERNMENT	GALLONS PER MINUTE
AED	AUTOMATED EXTERNAL DEFIBRILLATOR	GR	GRADE	
AF	AIR HANDLING UNIT	GRAN	GRANULAR	
AHU	ALTERNATE	GRD	GROUND	
ALT	ALUMINUM	GW	GYPSUM WALLBOARD	
ALUM	ALUMINUM	GYP	GYPSUM	
ANOD	ANODIZE	HGT	HEIGHT	
AP	ACCESS PANEL	HV	HEATING AND VENTILATING	
APC	ACOUSTIC PANEL CEILING	HB	HOSE BIB	
APPROX	APPROXIMATE	HC	HANDICAPPED	
ARCH	ARCHITECTURAL	HCD	HOLLOW CORE WOOD DOOR	
ASB	ASBESTOS	HDW	HARDWARE	
ASPH	ASPHALT	HDWD	HARDWOOD	
AUTO	AUTOMATIC	HM	HOLLOW METAL	
AWP	ACOUSTIC WALL PANEL	HOR	HORIZONTAL	
AVB	AIR/VAPOR BARRIER	HVAC	HEATING, VENTILATING, AND AIR CONDITIONING	
BDRM	BEDROOM	IN	INSIDE DIAMETER	
BIT. CONC	BITUMINOUS CONCRETE	INCL	INCLUSIVE	
BJ	BAR JOIST	INFO	INFORMATION	
BLDG	BUILDING	INSUL	INSULATION, INSULATED	
BLK	BLOCK	INT	INTERIOR	
BM	BEAM, BENCHMARK	IWP	IMPACT RESISTANT WALL PROTECTION	
BOT	BOTTOM			
BRD	BOARD	JAN	JANITOR CLOSET	
BRG	BEARING	JCT	JUNCTION	
BS	BOTTOM OF STEP			
BASMT	BETWEEN	KV	KILOVOLT	
BTWN	BETWEEN	KW	KILOWATT	
BW	BOTTOM OF WALL			
CAB	CABINET	LAB	LABORATORY	
CAP	CAPACITY	LAV	LAVATORY	
CC	CENTER TO CENTER	LBS	POUNDS	
CEM	CEMENT	LFF	LINEAR FEET	
CFM	CUBIC FEET PER MINUTE	LFC	LINOLEUM FLOOR COVERING	
CFS	CUBIC FEET PER SECOND	LGR	LEDGER	
CG	CORNER GUARD	LP	LOW POINT	
CI	CAST IRON	LR	LIVING ROOM	
CIR	CIRCULATING	LT	LIGHT	
CJ	CONSTRUCTION JOINT, CONTROL JOINT	LWC	LIGHT WEIGHT CONCRETE	
CLG	CEILING			
CLO	CLOSET	MACH	MACHINE	
CLR	CLEAR	MANUF	MANUFACTURER	
CMU	CENTERLINE	MAS	MASONRY	
CMU G1	GLAZED CMU, ONE SIDE	MATL	MATERIAL	
CMU G2	GLAZED CMU, TWO SIDES	MAX	MAXIMUM	
CO	CLEANOUT	MB	MARKER BOARD	
COL	COLUMN	MC	MEDICINE CABINET	
COMP	COMPARTMENT	MCB	METAL CORNER BEAD	
CONC	CONCRETE	MECH	MECHANICAL	
CONN	CONNECTION	MIR	MIRROR	
CONST	CONSTRUCTION	MISC	MISCELLANEOUS	
CONT	CONTINUOUS	MR	MILLIMETER	
CPT	CARPET	MO	MASONRY OPENING	
CS/OI	CONTRACTOR SUPPLIED/CONTRACTOR INSTALLED	MR	MOISTURE RESISTANT	
CSK	COUNTER SINK	MS	METAL STRIP	
CT	CERAMIC TILE	MTD	MOUNTED	
CTE	CONNECT TO EXISTING	MTL	METAL	
CTR	CENTER			
CUH	CABINET UNIT HEATER	N	NORTH	
		N.C.	NOT IN CONTRACT	
		NO	NUMBER	
		NOM	NOMINAL	
		NTS	NOT TO SCALE	
O	DIAMETER	OA	OVER ALL	
DFD	DRINKING FOUNTAIN	OB GL	OBSOURE GLASS	
DH	DOUBLE HUNG	OC	ON CENTER	
DIA	DIAMETER	OD	OUTSIDE DIAMETER	
DM	DIMENSION	OPNG	OPENING	
DN	DOWN	OPP	OPPOSITE	
DTL	DETAIL	OS/CI	OWNER SUPPLIED/CONTRACTOR INSTALLED	
DWG	DRAWING	OS/OI	OWNER SUPPLIED/OWNER INSTALLED	
		OVHD, OH	OVERHEAD	
E	EAST	P-1	PLUMBING FIXTURE TYPE	
EA	EACH	PART	PARTITION	
EL ELEV	ELEVATION	PL	PLATE	
ELEC	ELECTRIC	PLAM	PLASTIC LAMINATE	
EMERG	EMERGENCY	PLAS	PLASTER	
EPS	EXTRUDED POLYSTYRENE	PLAST	PLASTIC	
EQ	EQUAL	PLYWD	PLYWOOD	
EQUIP	EQUIPMENT	PNTD	PANED	
ETC	ETCETERA	POL	POLISHED	
EW	EACH WAY	PRELIM	PRELIMINARY	
EXIST	EXISTING	PSF	POUNDS PER SQUARE FOOT	
EXP	EXPANSION, EXPOSED	PSI	POUNDS PER SQUARE INCH	
EXP JT	EXPANSION JOINT	PT	PANT, POINT, PRESSURE TREATED	
EXT	EXTERIOR	PT DISP	PAPER TOWEL DISPENSER	
		PVC	POLY VINYL CHLORIDE	
		PVMT	PAVEMENT	
FBO	FURNISHED BY OTHERS			
FCO	FLOOR CLEAN-OUT			
FD	FLOOR DRAIN, FOOTING DRAIN			
FE	FIRE EXTINGUISHER			
FEC	FIRE EXTINGUISHER CABINET			
FF	FINISH FLOOR			
FFE	FINISHED FLOOR ELEVATION			
FG	FINISH GRADE, FIBERGLASS			
FHC	FIRE HOSE CABINET			
FIG	FIGURE			
FIN	FINISH			
FO	FUEL OIL			
FOC	FACE OF CMU			
FOF	FACE OF FOUNDATION			
FOR	FUEL OIL RETURN			
FOS	FACE OF STUD, FUEL OIL SUPPLY			
FOUND	FOUNDATION			
FP	FIREPROOF			
FR	FRAME, FIRE RESISTANT			
FS	FLOOR SINK			
FT	FOOT, FEET, FINNED TUBE			
FTG	FOOTING			
FWP	FABRIC WALL PANEL			

NOTE: REFER TO STRUCTURAL, LIFE SAFETY, FIRE PROTECTION, CIVIL, PSDM, MECHANICAL, AND/OR ELECTRICAL DRAWINGS FOR ABBREVIATIONS SPECIFIC TO EACH DISCIPLINE.

CONSULTANT

ARCHITECT/ENGINEER OF RECORD



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Office of
Construction
and Facilities
Management



U.S. Department
of Veterans Affairs

Drawing Title
SYMBOLS, ABBREVIATIONS AND
GENERAL NOTES

Approved:
VA RI FACILITIES MANAGEMENT
SERVICE

Phase
100% CD SUBMISSION

FULLY SPRINKLERED

Project Title
NEW MENTAL HEALTH BUILDING -
PHASE 2

Location
830 CHALKSTONE AVE PROVIDENCE, RI 02908

Issue Date
04 FEB 2022

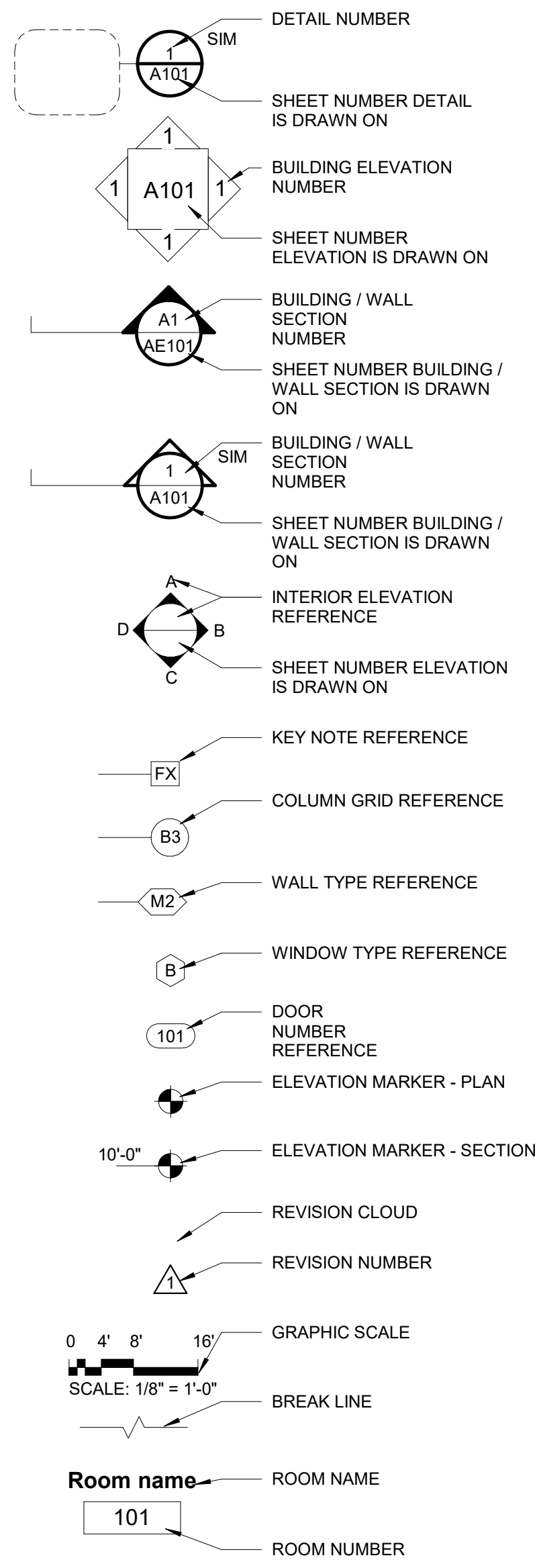
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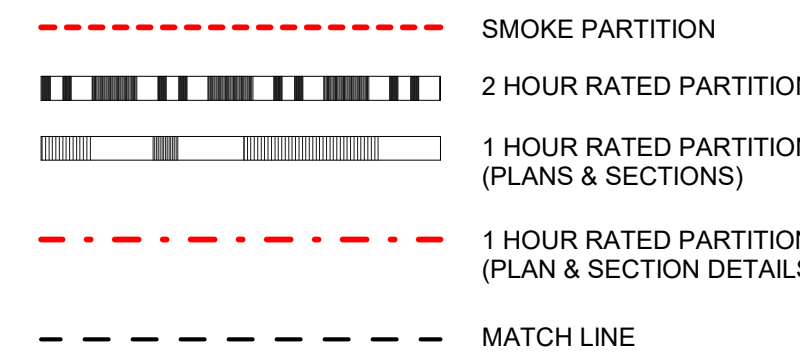
Project Number
650-347
Building Number
39

Drawing Number
G1002

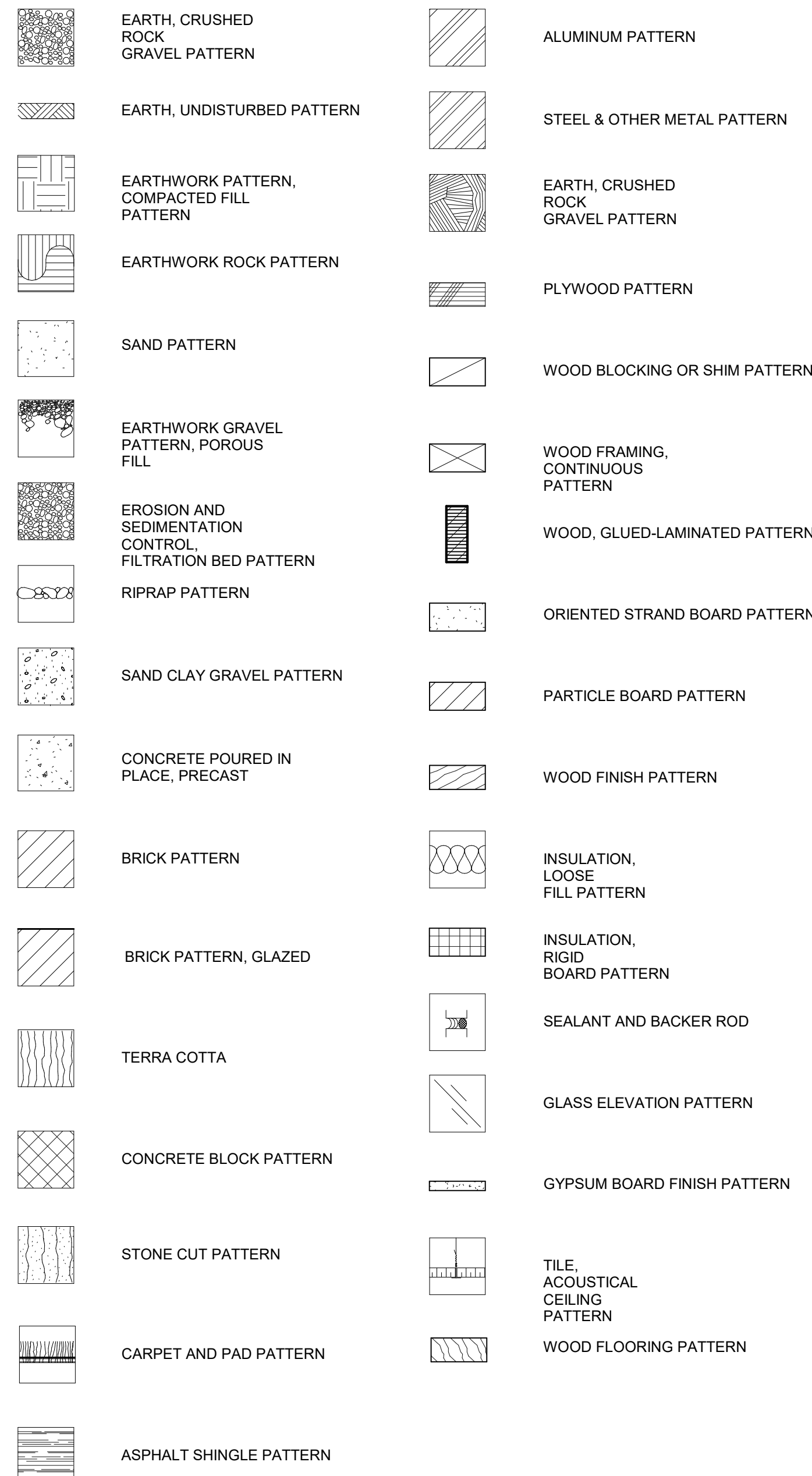
SYMBOLS



LINETYPES



HATCH PATTERNS



GENERAL NOTES:

1. ALL WALL PARTITION TYPES ARE M4 UNLESS NOTED OTHERWISE. SEE SHEET AE601 FOR PARTITION TYPES
2. REFER TO G1002 SHEET FOR ALL ABBREVIATIONS AND SYMBOLS
3. REFER TO ALL DRAWINGS INCLUDING ARCHITECTURAL, CIVIL, STRUCTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS FOR ADDITIONAL GENERAL NOTES, ABBREVIATIONS, AND SYMBOLS

4. VERIFY ALL EQUIPMENT OPENINGS & RECOMMENDATIONS, LOCATION AND SIZES SHOWN ARE FOR INTENT PURPOSES ONLY. ADJUST ROUGH OPENINGS AND LOCATIONS AS REQUIRED PER ACTUAL EQUIPMENT
5. DOOR LAMBS ARE 6" FROM NEAREST ADJACENT INTERSECTING PARTITION UNLESS NOTED OTHERWISE. SEE DOOR DETAILS FOR FURTHER INFORMATION

6. G.C. TO PROVIDE & INSTALL ALL IN-WALL OR IN-CEILING BLOCKING / BRACING AS REQUIRED FOR ALL MILLWORK ITEMS, EQUIPMENT, SHELVING, AND ACCESSORIES WHETHER ITEMS ARE BY G.C. OR OTHERS COORDINATE WITH OWNER

7. G.C. SHALL BE RESPONSIBLE FOR LAYING OUT THE SPACE PRIOR TO COMMENCING WORK AND SHALL NOTIFY THE ARCHITECT AND OWNER OF ANY DISCREPANCIES.

8. ALL CONCRETE MASONRY UNITS AND MORTAR TO INCLUDE AN INTEGRAL WATER REPELLENT

9. REFER TO SHEET AE604 FOR DOOR SCHEDULE AND FRAMING TYPES.

10. REFER TO SHEET AE606 WINDOW TYPES AND FRAME ELEVATIONS

11. REFER TO AF700, AF701 & AF702 FOR EQUIPMENT AND FURNITURE INFORMATION
12. ALL INTERIOR DIMENSIONS ARE TO FACE STUD AND / OR FACE OF FOUNDATION AND MASONRY UNLESS SPECIFICALLY NOTED OTHERWISE.

13. ALL INTERIOR DIMENSIONS SHOWN ARE TO FACE OF FRAMING UNLESS SPECIFICALLY NOTED OTHERWISE

14. ALL DIMENSIONS SHOWN LOCATING WINDOWS ARE TO CENTERLINE OF WINDOW, UNLESS SPECIFICALLY NOTED OTHERWISE.

15. REFER TO SHEET G1003 FOR FIRESTOP DETAILS. ALL MECHANICAL, ELECTRICAL, AND PLUMBING PENETRATIONS THROUGH FIRE RATED CONSTRUCTION SHALL BE SLEEVED, FIRE SAFED AND / OR HAVE FIRE DAMPERS EQUIVALENT TO THE HOURLY FIRE RATING OF THE CONSTRUCTION.

16. ALL DRAWINGS ARE OF EQUAL IMPORTANCE IN DEFINING THE WORK OF THE CONTRACT DOCUMENTS. CONTRACTORS SHALL REVIEW ALL DRAWINGS BEFORE THE INSTALLATION OF THEIR WORK. SHOULD THERE BE A DISCREPANCY WITHIN AND BETWEEN THE DRAWINGS THAT WOULD CAUSE AN AWKWARD OR IMPROPER INSTALLATION NOTIFY ARCHITECT FOR CLARIFICATION PRIOR TO INSTALLATION OF SAID WORK. ANY WORK INSTALLED IN CONFLICT WITH THE ARCHITECTURAL DRAWINGS, SHALL BE CORRECTED BY CONTRACTOR AT THEIR EXPENSE AND AT NO ADDITIONAL COST TO THE OWNER OR ARCHITECT.

17. DO NOT SCALE DRAWINGS. THE DRAWINGS ARE NOT NECESSARILY TO SCALE - USE GIVEN DIMENSIONS. CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS AT THE JOB SITE PRIOR TO THE START OF CONSTRUCTION. IF DISCREPANCIES ARE FOUND, NOTIFY ARCHITECT FOR CLARIFICATION BEFORE COMMENCING THE WORK.

18. DETAILS NOT SHOWN ARE SIMILAR IN CHARACTER TO THOSE SHOWN. WHERE SPECIFIC DIMENSIONS, DETAILS, OR DESIGN INTENT CANNOT BE DETERMINED CONSULT ARCHITECT BEFORE PROCEEDING WITH THE WORK.

19. ALL PITCHED FLOOR AREAS SHOWN WITH PITCH LINES SHALL SLOPE AT 1/4" PER FOOT UNLESS OTHERWISE NOTED. PROVIDE A SLAB DEPRESSION AT ALL FLOOR DRAINS WHERE PITCH LINES ARE NOT SHOWN ON PLAN.

20. FINISH FLOOR ELEVATIONS ARE TO TOP OF CONCRETE, UNLESS OTHERWISE NOTED.

21. INSTALL ALL RECESSED CABINETS, PANELS, BOXES LOCATED IN FIRE-RATED PARTITIONS TO MAINTAIN THE FIRE-RATED CONSTRUCTION

22. REFER TO MECHANICAL AND ELECTRICAL CONTRACTORS DRAWINGS AND MANUFACTURERS TEMPLATE DRAWINGS FOR ALL MECHANICAL AND ELECTRICAL EQUIPMENT SUPPORTS, BOLT SETTING TEMPLATES, ISOLATIONS, SPRING ISOLATION, ETC. NOT SHOWN ON THE DRAWINGS

23. OWNER FURNISHED ITEMS THE G.C. SHALL COORDINATE AND PROVIDE ELECTRICAL, PLUMBING, AND MECHANICAL CONNECTIONS FOR ALL EQUIPMENT.

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XX' - X"

XX' - X"

COMMON PATH OF TRAVEL

TOTAL TRAVEL DISTANCE

SCOPE OF WORK LINE

F.E.

EXIT / EXIT ACCESS

EXISTING 1 HR SLAB SUPPORTED BY 1 HR FIREPROOFED CONSTRUCTION - PER NFPA 101 Section 7.7.2(5)

EXISTING 1 HR RATED CEILING ASSEMBLY SUPPORTED BY 1 HR CONSTRUCTION - PER NFPA 101 Section 7.7.2(5)

FIRE BARRIER (1HR)

SMOKE PARTITION - PER NFPA101 38.3.2

RATED STAIR ENCLOSURE

RATED ELEVATOR SHAFT ENCLOSURE

PHYSICAL SECURITY DESIGN CLASSIFICATION: LIFE SAFETY PROTECTED

GOVERNING CODES:

VETERAN AFFAIRS FIRE PROTECTION DESIGN MANUAL (VAFPD)

NFPA 101-2021 - THE LIFE SAFETY CODE

NFPA 10 - 2018 - STANDARD FOR PORTABLE FIRE EXTINGUISHERS

NFPA 13-2019 - STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS

NFPA 72-2019 - THE NATIONAL FIRE ALARM AND SIGNALING CODE

IBC 2021 - THE INTERNATIONAL BUILDING CODE

BUILDING INFORMATION

PROPOSED IBC BUILDING "USE" GROUPS

(B) BUSINESS, S-2 (STORAGE)

PROPOSED NFPA 101 BUILDING OCCUPANCY

NEW BUSINESS, LOW HAZARD STORAGE

NUMBER OF FLOORS ABOVE GRADE

3 STORIES

BUILDING AREA (APPROXIMATELY)

27,750 SF

TYPE OF CONSTRUCTION

IIB (IBC); II (000) (NFPA)

HAZARDOUS MATERIALS

N/A

SITE ACCESS

REGENT AVE

SUPPRESSION SYSTEM

FULLY SPRINKLERED

FIRE ALARM SYSTEM

ADDRESSABLE

HEIGHT AND AREA

IBC SECTION

BUILDING HEIGHT

BUILDING AREA (ft²)

TABLE 503

3 STORIES (55 FEET)

23,000

SECTION 504.2: AUTOMATIC SPRINKLER HEIGHT INCREASE

1 STORY (20 FEET)

N/A

SECTION 506.2: OPEN FRONTAGE AREA INCREASE (76% OPEN)

N/A

11,730

SECTION 506.3: AUTOMATIC SPRINKLER AREA INCREASE

N/A

46,000

MAXIMUM PERMITTED PER IBC

4 STORIES (75 FEET)

80,730

ACTUAL HEIGHT AND AREA

3 STORIES^A

10,950

^A THE BASEMENT LEVEL MEETS THE DEFINITION FOR A STORY ABOVE GRADE SINCE THE STORY ABOVE IS MORE THAN 12 FEET ABOVE FINISHED GRADE.

REQUIRED FIRE RESISTANCE RATING

IBC TABLE 601

RATING

PRIMARY STRUCTURAL FRAME

0 HOURS

EXTERIOR BEARING WALLS

0 HOURS

INTERIOR BEARING WALLS

0 HOURS

EXTERIOR NON-BEARING WALLS (IBC TABLE 602)

FSD < 10 FEET

1 HOUR

FSD ≥ 10 FEET

0 HOURS

FLOOR CONSTRUCTION AND SECONDARY MEMBERS

0 HOURS

ROOF CONSTRUCTION AND SECONDARY MEMBERS

0 HOURS

NFPA 101 TABLE 8.3.4.2

RATING

FIRE DOOR

EXIT STAIRS

1 HOUR

1 HOUR

SHAFTS

1 HOUR

1 HOUR

ELEVATOR SHAFT

1 HOUR

1 HOUR

OTHER FIRE BARRIERS

1 HOUR

3/4 HOUR

ALLOWABLE TRAVEL DISTANCES

OCCUPANCY

MAXIMUM COMMON PATH (ft)

MAXIMUM TRAVEL DISTANCE (ft)

MAXIMUM DEAD-END (ft)

MINIMUM CORRIDOR WIDTH

BUSINESS (B)

ALLOWED: 100'
PROVIDED: 33'

ALLOWED: 300
PROVIDED: 152'-6"

ALLOWED: 50
PROVIDED: 7.5

ALLOWED: 44'
PROVIDED: 72'

MINIMUM NUMBER OF EXITS PER STORY (NFPA 101 7.4.1.2)

OCCUPANT LOAD (PER STORY)

MINIMUM NUMBER OF EXITS

1-500

2

EXIT SEPARATION (NFPA 101 - 7.5.1.3.3):
1/3 OF THE OVERALL DIAGONAL

ALLOWED: 132' / 3 = 44'-0"
PROVIDED: 119'-0"

ALLOWED EGRESS CAPACITY

FLOOR

EGRESS CAPACITY

BASEMENT

STAIR 1
DOOR - 34" / 0.2 = 170 PERSONS
STAIR - 44" / 0.3 = 146 PERSONS

STAIR 2
DOOR - 34" / 0.2 = 170 PERSONS
STAIR - 44" / 0.3 = 146 PERSONS

STAIR 3
DOOR - 34" / 0.2 = 170 PERSONS
STAIR - 44" / 0.3 = 146 PERSONS

TOTAL = 438

LEVEL 1

MAIN ENTRANCE

STAIR 2

STAIR 3

DOOR - 41" / 0.2 = 205 PERSONS

DOOR - 34" / 0.2 = 170 PERSONS

DOOR - 34" / 0.2 = 170 PERSONS

TOTAL = 545

LEVEL 2

STAIR 1
DOOR - 34" / 0.2 = 170 PERSONS
STAIR - 44" / 0.3 = 146 PERSONS

STAIR 3
DOOR - 34" / 0.2 = 170 PERSONS
STAIR - 44" / 0.3 = 146 PERSONS

TOTAL = 292

PROVIDED OCCUPANT LOADING

FLOOR

USE

AREA (ft²)

OCCUPANT LOAD FACTOR (ft²/person)

OCCUPANTS

BASEMENT

PHASE 1

BUSINESS

WAITING/LOUNGE

STORAGE/MECHANICAL

3,438

150 GROSS

15 NET

500 GROSS

113

29

26

1

163

LEVEL 1

PHASE 1

BUSINESS

WAITING/GROUP THERAPY

STORAGE/MECHANICAL

2,651

150 GROSS

15 NET

500 GROSS

78

18

59

1

156

LEVEL 2

PHASE 1

BUSINESS

WAITING AREA

STORAGE/MECHANICAL

2,675

150 GROSS

15 NET

500 GROSS

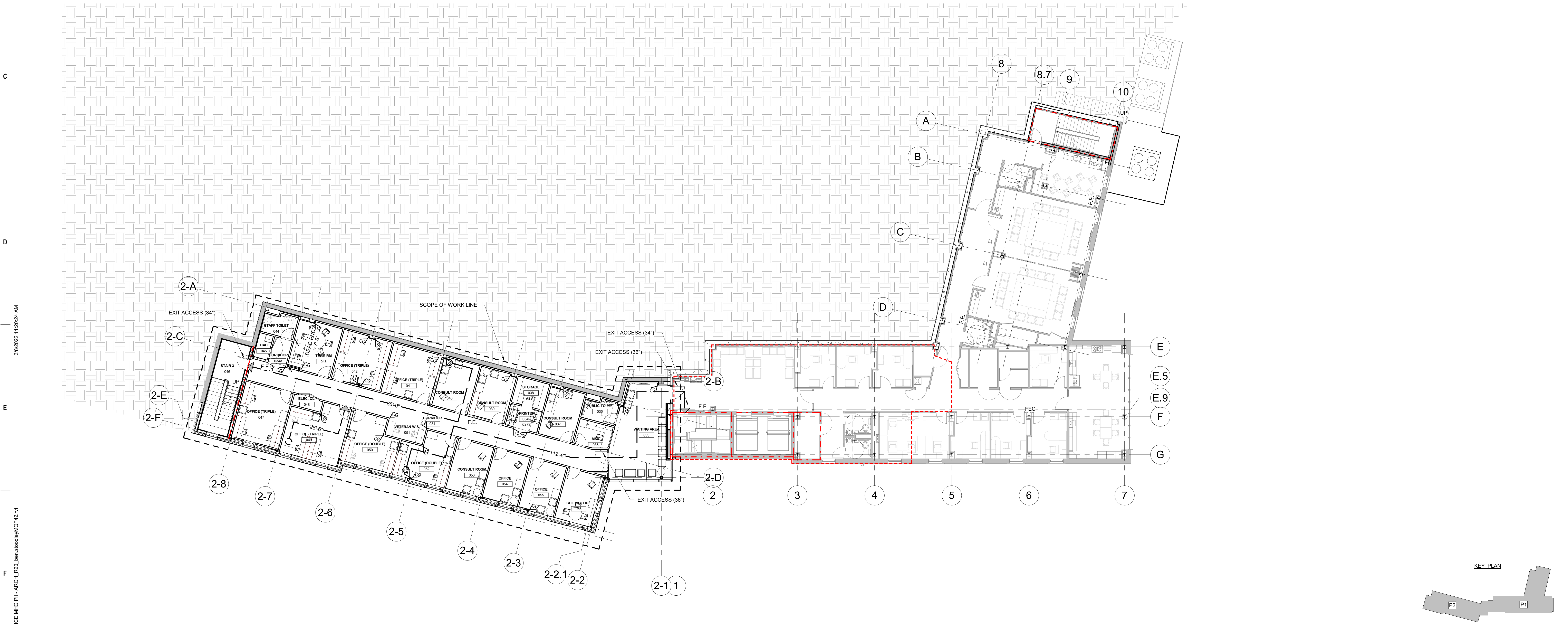
3

18

26

2

49



F1

BASEMENT LIFE SAFETY PLAN

3/32" = 1'-0"

PROJECT NORTH

Revisions:

Revision Description

Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

WBRC

ARCHITECTS • ENGINEERS

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BANGOR, MAINE 207-947-4511

PORTLAND, MAINE 207-638-4511

SARASOTA, FLORIDA 941-556-0757

STAMP

RICHARD BORRELL

REGISTERED ARCHITECT

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title

BASEMENT LIFE SAFETY PLAN

Approved:

VA RI FACILITIES MANAGEMENT SERVICE

Phase

100% CD SUBMISSION

FULLY SPRINKLERED

Project Title

NEW MENTAL HEALTH BUILDING - PHASE 2

Location

830 CHALKSTONE AVE PROVIDENCE, RI 02908

Issue Date

04 FEB 2022

Checked

Checker

Drawn

MB

Project Number

650-347

Building Number

39

Drawing Number

LS100

XX'-X"

XX'-X"

COMMON PATH OF TRAVEL

TOTAL TRAVEL DISTANCE

SCOPE OF WORK LINE

F.E.

EXIT / EXIT ACCESS

EXISTING 1 HR SLAB SUPPORTED BY 1 HR FIREPROOFED CONSTRUCTION - PER NFPA 101 Section 7.7.2(5)

EXISTING 1 HR RATED CEILING ASSEMBLY SUPPORTED BY 1 HR CONSTRUCTION - PER NFPA 101 Section 7.7.2(5)

FIRE BARRIER (1HR)

SMOKE PARTITION - PER NFPA101 38.3.2

RATED STAIR ENCLOSURE

RATED ELEVATOR SHAFT ENCLOSURE

PHYSICAL SECURITY DESIGN CLASSIFICATION: LIFE SAFETY PROTECTED

GOVERNING CODES:

VETERAN AFFAIRS FIRE PROTECTION DESIGN MANUAL (VAFPD)

NFPA 101-2021 - THE LIFE SAFETY CODE

NFPA 10 - 2018 - STANDARD FOR PORTABLE FIRE EXTINGUISHERS

NFPA 13-2019 - STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS

NFPA 72-2019 - THE NATIONAL FIRE ALARM AND SIGNALING CODE

IBC 2021 - THE INTERNATIONAL BUILDING CODE

BUILDING INFORMATION

PROPOSED IBC BUILDING "USE" GROUPS

(B) BUSINESS, S-2 (STORAGE)

PROPOSED NFPA 101 BUILDING OCCUPANCY

NEW BUSINESS, LOW HAZARD STORAGE

NUMBER OF FLOORS ABOVE GRADE

3 STORIES

NUMBER OF FLOORS BELOW GRADE

NONE

BUILDING AREA (APPROXIMATELY)

27,750 SF

TYPE OF CONSTRUCTION

IIB (IBC); II (000) (NFPA)

HAZARDOUS MATERIALS

N/A

SITE ACCESS

REGENT AVE

SUPPRESSION SYSTEM

FULLY SPRINKLERED

FIRE ALARM SYSTEM

ADDRESSABLE

HEIGHT AND AREA

IBC SECTION

BUILDING HEIGHT

BUILDING AREA (ft²)

TABLE 503

3 STORIES (55 FEET)

23,000

SECTION 504.2: AUTOMATIC SPRINKLER HEIGHT INCREASE

1 STORY (20 FEET)

N/A

SECTION 506.2: OPEN FRONTAGE AREA INCREASE (76% OPEN)

N/A

11,730

SECTION 506.3: AUTOMATIC SPRINKLER AREA INCREASE

N/A

46,000

MAXIMUM PERMITTED PER IBC

4 STORIES (75 FEET)

80,730

ACTUAL HEIGHT AND AREA

3 STORIES^A

10,950

^A THE BASEMENT LEVEL MEETS THE DEFINITION FOR A STORY ABOVE GRADE SINCE THE STORY ABOVE IS MORE THAN 12 FEET ABOVE FINISHED GRADE.

REQUIRED FIRE RESISTANCE RATING

IBC TABLE 601

RATING

PRIMARY STRUCTURAL FRAME

0 HOURS

EXTERIOR BEARING WALLS

0 HOURS

INTERIOR BEARING WALLS

0 HOURS

EXTERIOR NON-BEARING WALLS (IBC TABLE 602)

FSD < 10 FEET

1 HOUR

FSD ≥ 10 FEET

0 HOURS

FLOOR CONSTRUCTION AND SECONDARY MEMBERS

0 HOURS

ROOF CONSTRUCTION AND SECONDARY MEMBERS

0 HOURS

NFPA 101 TABLE 8.3.4.2

RATING

FIRE DOOR

EXIT STAIRS

1 HOUR

1 HOUR

SHAFTS

1 HOUR

1 HOUR

ELEVATOR SHAFT

1 HOUR

1 HOUR

OTHER FIRE BARRIERS

1 HOUR

3/4 HOUR

ALLOWABLE TRAVEL DISTANCES

OCCUPANCY

MAXIMUM COMMON PATH (ft)

MAXIMUM TRAVEL DISTANCE (ft)

MAXIMUM DEAD-END (ft)

MINIMUM CORRIDOR WIDTH

BUSINESS (B)

ALLOWED: 100'
PROVIDED: 33'

ALLOWED: 300
PROVIDED: 152'-6"

ALLOWED: 50
PROVIDED: 7.5

ALLOWED: 44'
PROVIDED: 72'

MINIMUM NUMBER OF EXITS PER STORY (NFPA 101 7.4.1.2)

OCCUPANT LOAD (PER STORY)

MINIMUM NUMBER OF EXITS

1-500

2

EXIT SEPARATION (NFPA 101 - 7.5.1.3.3):
1/3 OF THE OVERALL DIAGONAL

ALLOWED: 132' / 3 = 44'-0"
PROVIDED: 119'-0"

ALLOWED EGRESS CAPACITY

FLOOR

EGRESS CAPACITY

BASEMENT

STAIR 1
DOOR - 34" / 0.2 = 170 PERSONS
STAIR - 44" / 0.3 = 146 PERSONS

STAIR 2
DOOR - 34" / 0.2 = 170 PERSONS
STAIR - 44" / 0.3 = 146 PERSONS

STAIR 3
DOOR - 34" / 0.2 = 170 PERSONS
STAIR - 44" / 0.3 = 146 PERSONS

TOTAL = 438

LEVEL 1

MAIN ENTRANCE

STAIR 2

STAIR 3

DOOR - 41" / 0.2 = 205 PERSONS

DOOR - 34" / 0.2 = 170 PERSONS

DOOR - 34" / 0.2 = 170 PERSONS

TOTAL = 545

LEVEL 2

STAIR 1
DOOR - 34" / 0.2 = 170 PERSONS
STAIR - 44" / 0.3 = 146 PERSONS

STAIR 3
DOOR - 34" / 0.2 = 170 PERSONS
STAIR - 44" / 0.3 = 146 PERSONS

TOTAL = 292

NOTE: PER NFPA 101 - 7.2.1.4.2 DOOR LEAF SWING DIRECTION NOT REQUIRED TO SWING IN THE DIRECTION OF EGRESS TRAVEL WHEN SERVING A ROOM OR AREA WITH AN OCCUPANT LOAD LESS THAN 50.

PROVIDED OCCUPANT LOADING

FLOOR

USE

AREA (ft²)

OCCUPANT LOAD FACTOR (ft²/person)

OCCUPANTS

BASEMENT

PHASE 1

113

BUSINESS

3,438

150 GROSS

29

WAITING/LOUNGE

379

15 NET

26

STORAGE/MECHANICAL

125

500 GROSS

1

BASEMENT TOTAL

163

LEVEL 1

PHASE 1

78

BUSINESS

2,651

150 GROSS

18

WAITING/GROUP THERAPY

872

15 NET

59

STORAGE/MECHANICAL

130

500 GROSS

1

LEVEL 1 TOTAL

156

LEVEL 2

PHASE 1

3

BUSINESS

2,675

150 GROSS

18

WAITING AREA

386

15 NET

26

STORAGE/MECHANICAL

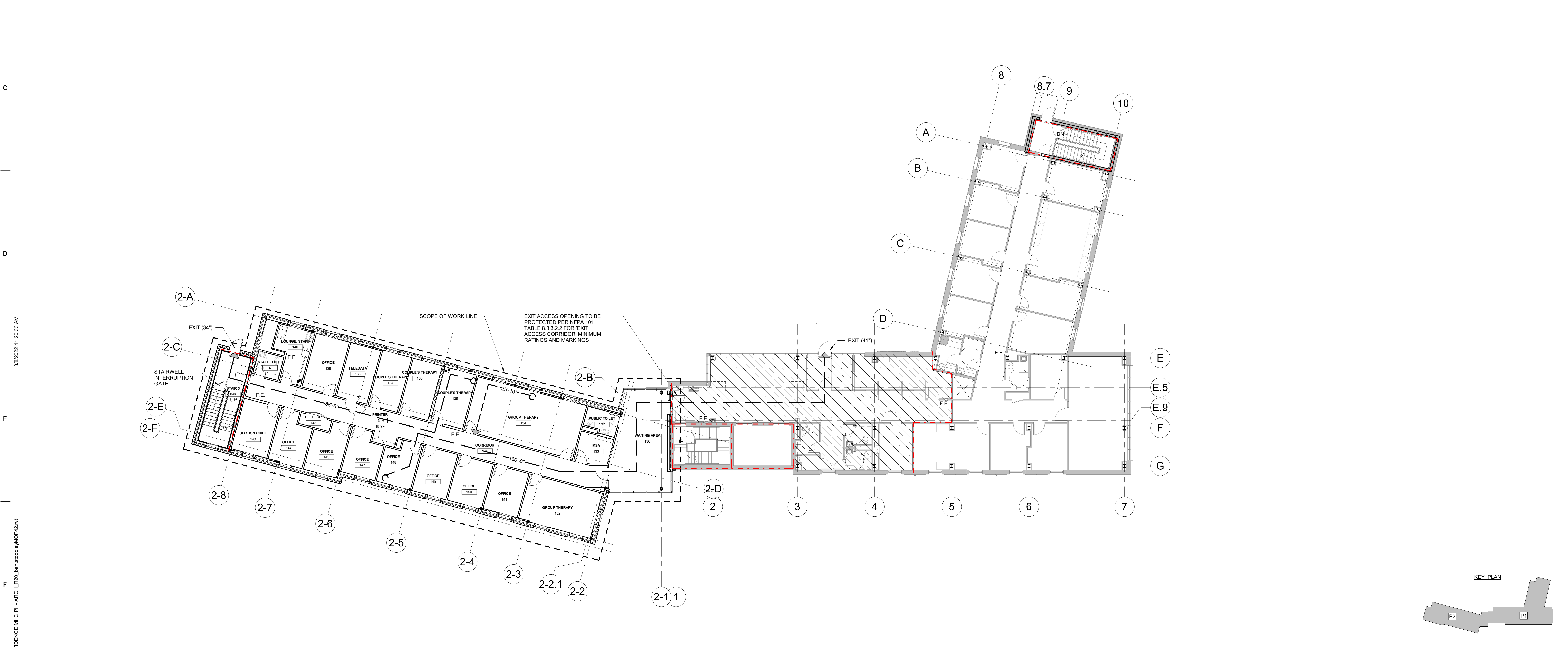
867

500 GROSS

2

LEVEL 2 TOTAL

49



F1

FIRST FLOOR LIFE SAFETY PLAN

3/32" = 1'-0"

PROJECT NORTH

08-6231

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

WBRC

ARCHITECTS • ENGINEERS

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PORTLAND, MAINE 207-838-4511
SARASOTA, FLORIDA 941-556-0757

STAMP

RICHARD BORRELL

NO. 4587

REGISTERED ARCHITECT

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title

FIRST FLOOR LIFE SAFETY PLAN

Approved:

VA RI FACILITIES MANAGEMENT SERVICE

Phase

100% CD SUBMISSION

FULLY SPRINKLERED

Project Title

NEW MENTAL HEALTH BUILDING - PHASE 2

Location

830 CHALKSTONE AVE PROVIDENCE, RI 02908

Issue Date

04 FEB 2022

Checked

Checker

Drawn

MB

Project Number

650-347

Building Number

39

Drawing Number

LS101

U:\Autodesk\Autocad\Revit\19501 - VAMC PROVIDENCE IMH PH1_ARCH\F2D_ben.stoodley\WQP42.rvt 3/8/2022 11:20:35 AM

XX' - X"

XX' - X"

COMMON PATH OF TRAVEL

TOTAL TRAVEL DISTANCE

SCOPE OF WORK LINE

F.E.

EXIT / EXIT ACCESS

EXISTING 1 HR SLAB SUPPORTED BY 1 HR FIREPROOFED CONSTRUCTION - PER NFPA 101 Section 7.7.2(5)

EXISTING 1 HR RATED CEILING ASSEMBLY SUPPORTED BY 1 HR CONSTRUCTION - PER NFPA 101 Section 7.7.2(5)

FIRE BARRIER (1HR)

SMOKE PARTITION - PER NFPA101 38.3.2

RATED STAIR ENCLOSURE

RATED ELEVATOR SHAFT ENCLOSURE

PHYSICAL SECURITY DESIGN CLASSIFICATION: LIFE SAFETY PROTECTED

GOVERNING CODES:

VETERAN AFFAIRS FIRE PROTECTION DESIGN MANUAL (VAFPM)

NFPA 101-2021 - THE LIFE SAFETY CODE

NFPA 10 - 2018 - STANDARD FOR PORTABLE FIRE EXTINGUISHERS

NFPA 13-2019 - STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS

NFPA 72-2019 - THE NATIONAL FIRE ALARM AND SIGNALING CODE

IBC 2021 - THE INTERNATIONAL BUILDING CODE

BUILDING INFORMATION

PROPOSED IBC BUILDING "USE" GROUPS	(B) BUSINESS, S-2 (STORAGE)
PROPOSED NFPA 101 BUILDING OCCUPANCY	NEW BUSINESS, LOW HAZARD STORAGE
NUMBER OF FLOORS ABOVE GRADE	3 STORIES
NUMBER OF FLOORS BELOW GRADE	NONE
BUILDING AREA (APPROXIMATELY)	27,750 SF
TYPE OF CONSTRUCTION	IIB (IBC); II (000) (NFPA)
HAZARDOUS MATERIALS	N/A
SITE ACCESS	REGENT AVE
SUPPRESSION SYSTEM	FULLY SPRINKLERED
FIRE ALARM SYSTEM	ADDRESSABLE

HEIGHT AND AREA

IBC SECTION	BUILDING HEIGHT	BUILDING AREA (ft²)
TABLE 503	3 STORIES (55 FEET)	23,000
SECTION 504.2: AUTOMATIC SPRINKLER HEIGHT INCREASE	1 STORY (20 FEET)	N/A
SECTION 506.2: OPEN FRONTAGE AREA INCREASE (76% OPEN)	N/A	11,730
SECTION 506.3: AUTOMATIC SPRINKLER AREA INCREASE	N/A	46,000
MAXIMUM PERMITTED PER IBC	4 STORIES (75 FEET)	80,730
ACTUAL HEIGHT AND AREA	3 STORIES ^A	10,950

^A THE BASEMENT LEVEL MEETS THE DEFINITION FOR A STORY ABOVE GRADE SINCE THE STORY ABOVE IS MORE THAN 12 FEET ABOVE FINISHED GRADE.

REQUIRED FIRE RESISTANCE RATING

IBC TABLE 601	RATING	
PRIMARY STRUCTURAL FRAME	0 HOURS	
EXTERIOR BEARING WALLS	0 HOURS	
INTERIOR BEARING WALLS	0 HOURS	
EXTERIOR NON-BEARING WALLS (IBC TABLE 602)		
FSD < 10 FEET	1 HOUR	
FSD ≥ 10 FEET	0 HOURS	
FLOOR CONSTRUCTION AND SECONDARY MEMBERS	0 HOURS	
ROOF CONSTRUCTION AND SECONDARY MEMBERS	0 HOURS	
NFPA 101 TABLE 8.3.4.2	RATING	FIRE DOOR
EXIT STAIRS	1 HOUR	1 HOUR
SHAFTS	1 HOUR	1 HOUR
ELEVATOR SHAFT	1 HOUR	1 HOUR
OTHER FIRE BARRIERS	1 HOUR	3/4 HOUR

ALLOWABLE TRAVEL DISTANCES

OCCUPANCY	MAXIMUM COMMON PATH (ft)	MAXIMUM TRAVEL DISTANCE (ft)	MAXIMUM DEAD-END (ft)	MINIMUM CORRIDOR WIDTH
BUSINESS (B)	ALLOWED: 100' PROVIDED: 33'	ALLOWED: 300 PROVIDED: 152'-6"	ALLOWED: 50 PROVIDED: 7.5	ALLOWED: 44" PROVIDED: 72"

MINIMUM NUMBER OF EXITS PER STORY (NFPA 101 7.4.1.2)

OCCUPANT LOAD (PER STORY)	MINIMUM NUMBER OF EXITS
1-500	2

EXIT SEPARATION (NFPA 101 - 7.5.1.3.3):
1/3 OF THE OVERALL DIAGONAL

ALLOWED: 132' / 3 = 44'-0"
PROVIDED: 119'-0"

ALLOWED EGRESS CAPACITY

FLOOR	EGRESS CAPACITY
BASEMENT	<div>STAIR 1 DOOR - 34" / 0.2 = 170 PERSONS STAIR - 44" / 0.3 = 146 PERSONS</div> <div>STAIR 2 DOOR - 34" / 0.2 = 170 PERSONS STAIR - 44" / 0.3 = 146 PERSONS</div> <div>STAIR 3 DOOR - 34" / 0.2 = 170 PERSONS STAIR - 44" / 0.3 = 146 PERSONS</div> <div>TOTAL = 438</div>
LEVEL 1	<div>MAIN ENTRANCE DOOR - 41" / 0.2 = 205 PERSONS</div> <div>STAIR 2 DOOR - 34" / 0.2 = 170 PERSONS</div> <div>STAIR 3 DOOR - 34" / 0.2 = 170 PERSONS</div> <div>TOTAL = 545</div>
LEVEL 2	<div>STAIR 1 DOOR - 34" / 0.2 = 170 PERSONS STAIR - 44" / 0.3 = 146 PERSONS</div> <div>STAIR 3 DOOR - 34" / 0.2 = 170 PERSONS STAIR - 44" / 0.3 = 146 PERSONS</div> <div>TOTAL = 292</div>

NOTE: PER NFPA 101 - 7.2.1.4.2 DOOR LEAF SWING DIRECTION NOT REQUIRED TO SWING IN THE DIRECTION OF EGRESS TRAVEL WHEN SERVING A ROOM OR AREA WITH AN OCCUPANT LOAD LESS THAN 50.

PROVIDED OCCUPANT LOADING

FLOOR	USE	AREA (ft²)	OCCUPANT LOAD FACTOR (ft²/person)	OCCUPANTS
BASEMENT	PHASE 1			113
	BUSINESS	3,438	150 GROSS	29
	WAITING/LOUNGE	379	15 NET	26
	STORAGE/MECHANICAL	125	500 GROSS	1
BASEMENT TOTAL				163
LEVEL 1	PHASE 1			78
	BUSINESS	2,651	150 GROSS	18
	WAITING/GROUP THERAPY	872	15 NET	59
	STORAGE/MECHANICAL	130	500 GROSS	1
LEVEL 1 TOTAL				156
LEVEL 2	PHASE 1			3
	BUSINESS	2,675	150 GROSS	18
	WAITING AREA	386	15 NET	26
	STORAGE/MECHANICAL	867	500 GROSS	2
LEVEL 2 TOTAL				49

F1

SECOND FLOOR LIFE SAFETY PLAN

3/32" = 1'-0"

PROJECT NORTH

Revisions:

Revision Description

Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

WBRC

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STAMP

RICHARD BORRELL

REGISTERED ARCHITECT

NO. 4587

Office of Construction and Facilities Management

VA

U.S. Department of Veterans Affairs

Drawing Title

SECOND FLOOR LIFE SAFETY PLAN

Approved: VA RI FACILITIES MANAGEMENT SERVICE

Phase

100% CD SUBMISSION

FULLY SPRINKLERED

Project Title

NEW MENTAL HEALTH BUILDING - PHASE 2

Location
830 CHALKSTONE AVE PROVIDENCE, RI 02908

Issue Date

04 FEB 2022

Checked

Checker

Drawn

MB

Project Number

650-347

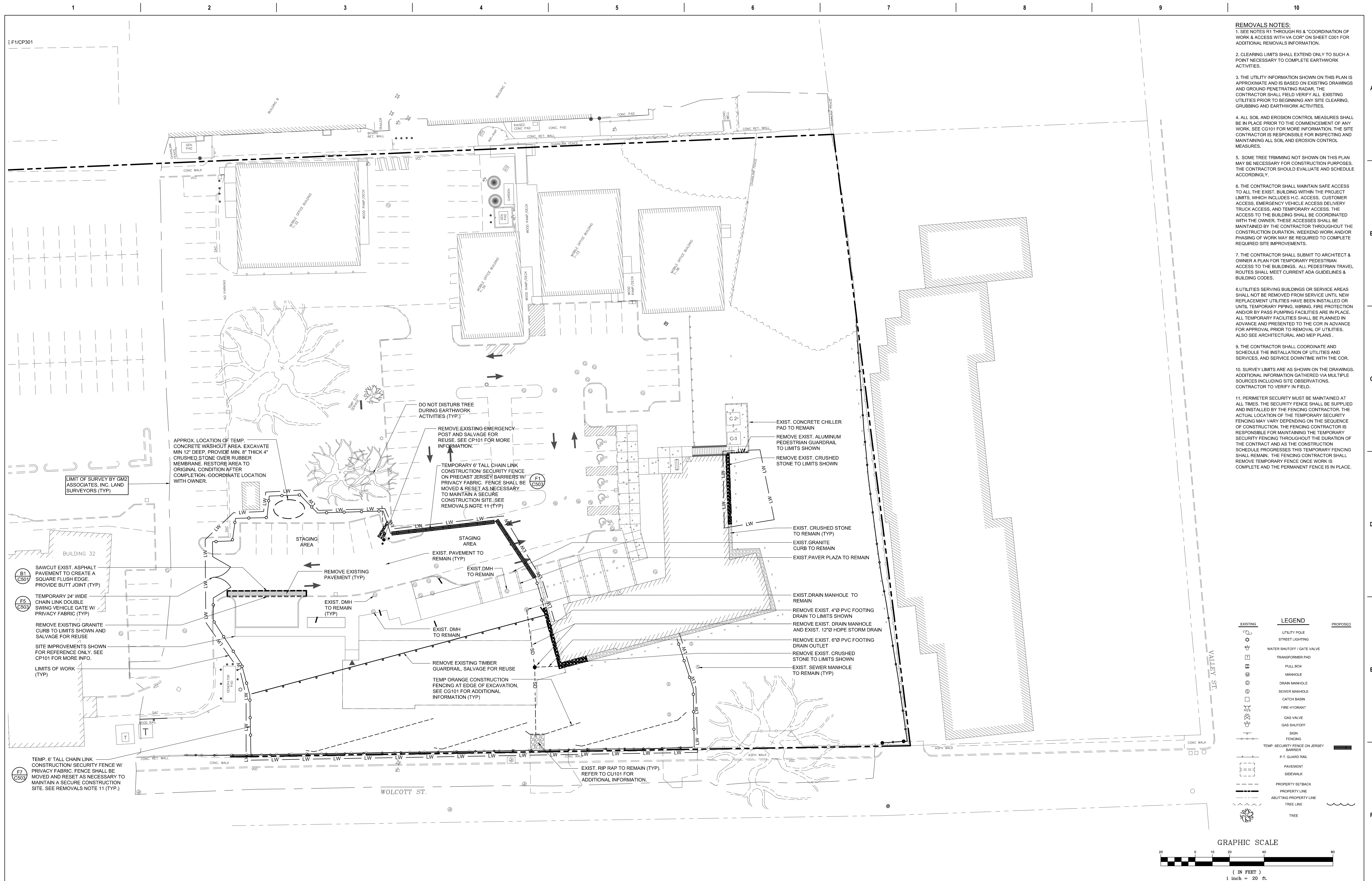
Building Number

39

Drawing Number

LS102

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SEE NOTES R1 THROUGH R5 & "COORDINATION OF WORK" ACCESS WITH VA COR. ON SHEET C001 FOR ADDITIONAL REMOVALS INFORMATION.

1. CLEARING LIMITS SHALL EXTEND ONLY TO SUCH A POINT NECESSARY TO COMPLETE EARTHWORK ACTIVITIES.

2. THE UTILITY INFORMATION SHOWN ON THIS PLAN IS FOR INFORMATION ONLY. THE CONTRACTOR SHALL VERIFY THE LOCATION AND DEPTH OF ALL EXISTING UTILITIES AND GROUND PENETRATING RADAR. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITIES PRIOR TO BEGINNING ANY SITE CLEARING, GRUBBING AND EARTHWORK ACTIVITIES.

3. ALL SOIL AND EROSION CONTROL MEASURES SHALL BE IN PLACE PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL SOIL AND EROSION CONTROL MEASURES.

4. SOME TREE TRIMMING NOT SHOWN ON THIS PLAN MAY BE NECESSARY FOR CONSTRUCTION PURPOSES. THE CONTRACTOR SHOULD EVALUATE AND SCHEDULE ACCORDINGLY.

5. THE CONTRACTOR SHALL MAINTAIN SAFE ACCESS TO ALL EXISTING UTILITIES WITHIN THE PROJECT LIMITS, WHICH INCLUDES H.C. ACCESS, CUSTOMER ACCESS, EMERGENCY VEHICLE ACCESS, DELIVERY TRUCK ACCESS, AND TEMPORARY ACCESS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL ACCESS WITH THE OWNER. THESE ACCESSES SHALL BE MAINTAINED BY THE CONTRACTOR THROUGHOUT THE CONSTRUCTION DURATION. WEEKEND WORK AND/OR WORK ON HOLIDAYS WILL BE REQUIRED TO COMPLETE REQUIRED SITE IMPROVEMENTS.

6. THE CONTRACTOR SHALL SUBMIT TO ARCHITECT & OWNER A PLAN FOR TEMPORARY PEDESTRIAN ACCESS TO THE BUILDINGS. ALL PEDESTRIAN TRAVEL ROUTES SHALL MEET CURRENT ADA GUIDELINES & BUILDING CODES.

7. UTILITIES SERVING BUILDINGS OR SERVICE AREAS SHALL NOT BE REMOVED FROM SERVICE UNTIL NEW REPLACEMENT UTILITIES HAVE BEEN INSTALLED OR TEMPORARY PIPING, WRING, FIRE PROTECTION EQUIPMENT OR PASS PUMPING FACILITIES ARE IN PLACE. ALL TEMPORARY FACILITIES SHALL BE PLANNED IN ADVANCE AND PRESENTED TO THE COR IN ADVANCE FOR APPROVAL PRIOR TO REMOVAL OF UTILITIES.


























8. ALSO SEE ARCHITECTURAL AND MEP PLANS.

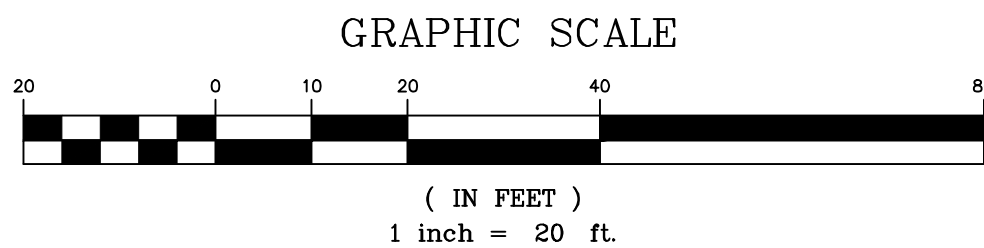
9. THE CONTRACTOR SHALL COORDINATE AND SCHEDULE THE INSTALLATION OF UTILITIES AND SERVICES, AND SERVICE DOWNTIME WITH THE COR.

10. SURVEY LIMITS ARE AS SHOWN ON THE DRAWINGS. ADDITIONAL INFORMATION GATHERED VIA MULTIPLE SOURCES INCLUDING SITE OBSERVATIONS.

11. CONTRACTOR TO VERIFY IN FIELD.

12. PERMANENT SECURITY MUST BE MAINTAINED AT ALL TIMES. THE SECURITY FENCE SHALL BE SUPPLIED AND INSTALLED BY THE FENCING CONTRACTOR. THE FENCING CONTRACTOR SHALL BE RESPONSIBLE FOR FENCING AS MAY VARY DEPENDING ON THE SEQUENCE OF CONSTRUCTION. THE FENCING CONTRACTOR IS RESPONSIBLE FOR MAINTAINING THE TEMPORARY SECURITY FENCE THROUGHOUT THE DURATION OF THE CONTRACT AND AS THIS CONSTRUCTION SCHEDULE PROGRESSES THIS TEMPORARY FENCING WILL BE REMOVED. THE TEMPORARY SECURITY FENCE SHALL BE REMOVED ONCE WORK IS COMPLETE AND THE PERMANENT FENCE IS IN PLACE.

EXISTING	LEGEND	PROPOSED
	UTILITY POLE	
	STREET LIGHTING	
	WATER SHUTOFF / GATE VALVE	
	TRANSFORMER PAD	
	FULL BOX	
	MANHOLE	
	DRAIN MANHOLE	
	SEWER MANHOLE	
	CATCH BASIN	
	FIRE HYDRANT	
	GAS VALVE	
	GAS SHUTOFF	
	SIGN	
	FENCING	
	TEMP. SECURITY FENCE ON JERSEY BARRIER	
	P.T. GUARD RAIL	
	PAVEMENT	
	SIDEWALK	
	PROPERTY SETBACK	
	PROPERTY LINE	
	ABUTTING PROPERTY LINE	
	TREE LINE	
	TREE	



Revisions:	Date:	

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

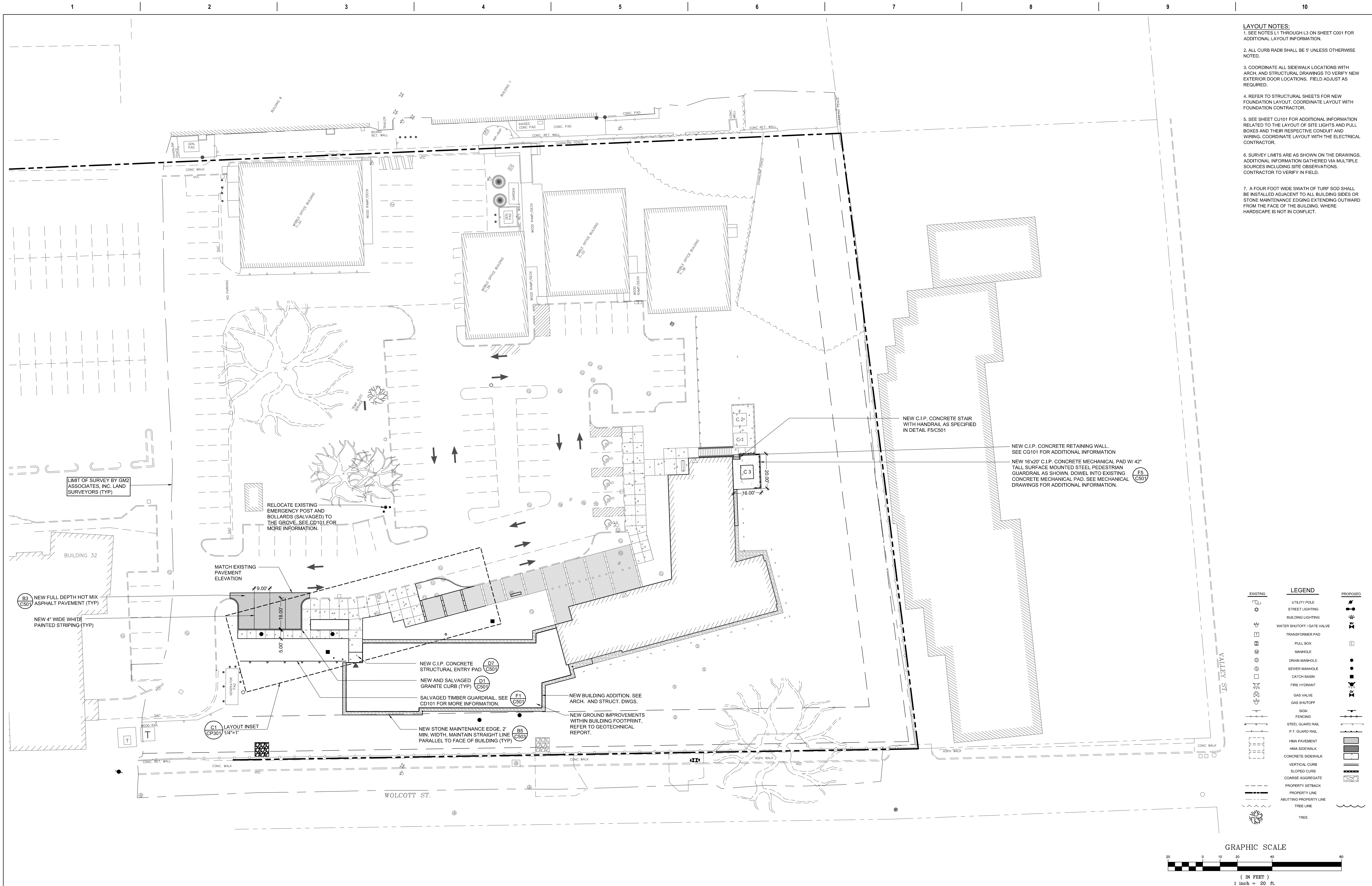
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BANGOR, MAINE 207-947-4511
PORTLAND, MAINE 207-828-4511
SARASOTA, FLORIDA 941-556-0757

STAMP

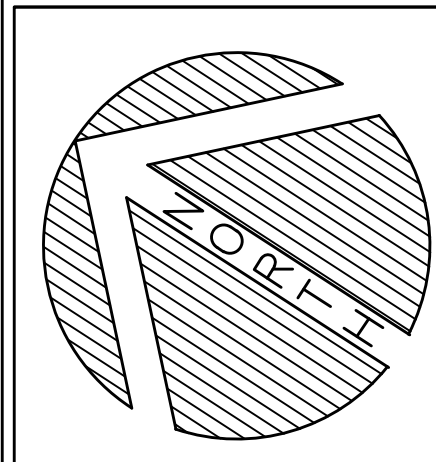
Office of Construction and Facilities Management

VA | U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
SITE REMOVALS PLAN	CONSTRUCTION DOCUMENTS	NEW MENTAL HEALTH BUILDING - PHASE 2	650-347
Approved: VA RI FACILITIES MANAGEMENT SERVICE	FULLY SPRINKLERED	Location 830 CHALKSTONE AVE PROVIDENCE, RI 02908	Building Number 39
		Issue Date 04 FEB 2022	Drawing Number CD101
		Checked ARB	Drawn KRB



- LAYOUT NOTES:**
1. SEE NOTES L1 THROUGH L3 ON SHEET C001 FOR ADDITIONAL LAYOUT INFORMATION.
 2. ALL CURB RADII SHALL BE 5' UNLESS OTHERWISE NOTED.
 3. COORDINATE ALL SIDEWALK LOCATIONS WITH ARCH. AND STRUCTURAL DRAWINGS TO VERIFY NEW EXTERIOR DOOR LOCATIONS. FIELD ADJUST AS REQUIRED.
 4. REFER TO STRUCTURAL SHEETS FOR NEW FOUNDATION LAYOUT. COORDINATE LAYOUT WITH FOUNDATION CONTRACTOR.
 5. SEE SHEET CU101 FOR ADDITIONAL INFORMATION RELATED TO THE LAYOUT OF SITE LIGHTS AND PULL BOXES AND THEIR RESPECTIVE CONDUIT AND WIRING. COORDINATE LAYOUT WITH THE ELECTRICAL CONTRACTOR.
 6. SURVEY LIMITS ARE AS SHOWN ON THE DRAWINGS. ADDITIONAL INFORMATION GATHERED VIA MULTIPLE SOURCES INCLUDING SITE OBSERVATIONS. CONTRACTOR TO VERIFY IN FIELD.
 7. A FOUR FOOT WIDE SWATH OF TURF SOD SHALL BE INSTALLED ADJACENT TO ALL BUILDING SIDES OR STONE MAINTENANCE EDGING EXTENDING OUTWARD FROM THE FACE OF THE BUILDING, WHERE HARDSCAPE IS NOT IN CONFLICT.



Revisions:	Date:

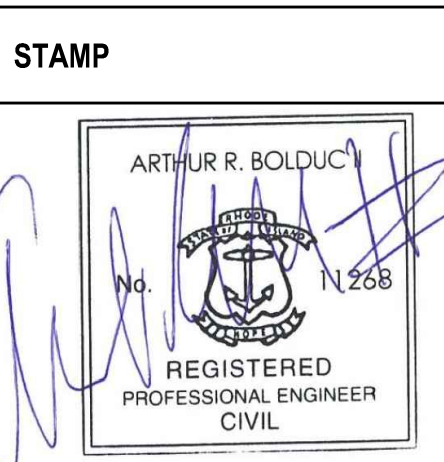
CONSULTANT

ARCHITECT/ENGINEER OF RECORD

WBRC

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SARASOTA, FLORIDA 941-556-0757



Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title
SITE LAYOUT AND MATERIALS PLAN

Approved:
VA RI FACILITIES MANAGEMENT SERVICE

Phase
CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title
NEW MENTAL HEALTH BUILDING - PHASE 2

Location
830 CHALKSTONE AVE PROVIDENCE, RI 02908

Issue Date
04 FEB 2022

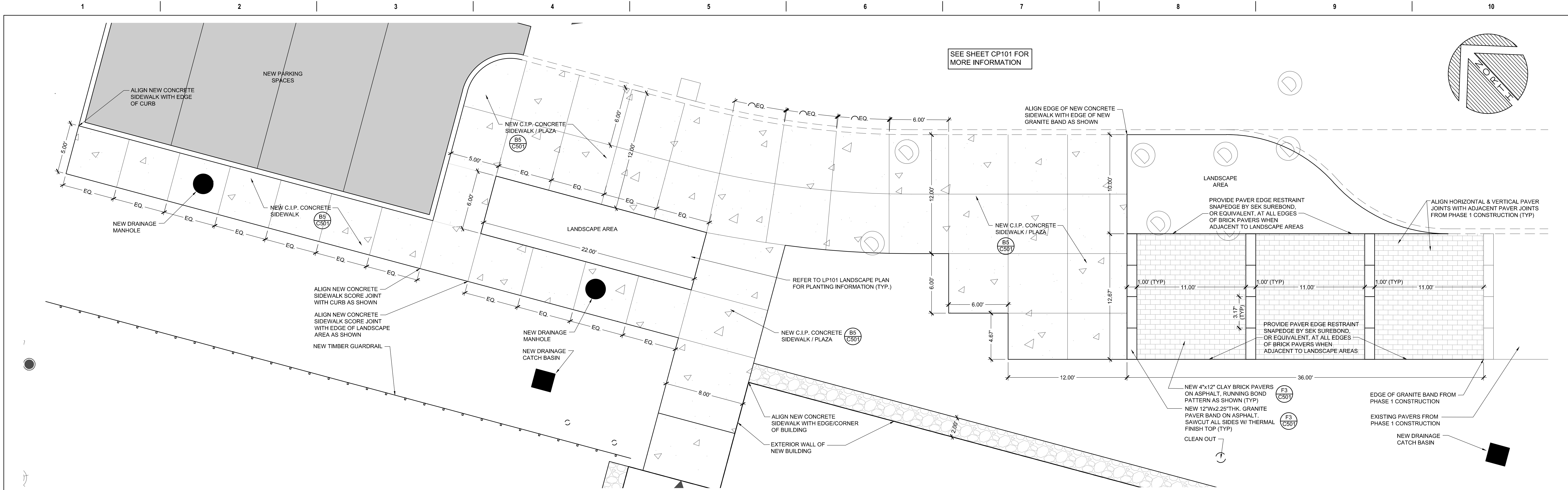
Checked
ARB

Drawn
KRB

Project Number
650-347

Building Number
39

Drawing Number
CP101



C1 LAYOUT INSET

1/4"=1'

NOT USED

NOT USED

LAYOUT NOTES:

- SEE NOTES L1 THROUGH L3 ON SHEET C001 FOR ADDITIONAL LAYOUT INFORMATION.
- ALL CURB RADII SHALL BE 5' UNLESS OTHERWISE NOTED.
- COORDINATE ALL SIDEWALK LOCATIONS WITH ARCH. AND STRUCTURAL DRAWINGS TO VERIFY NEW EXTERIOR DOOR LOCATIONS. FIELD ADJUST AS REQUIRED.
- REFER TO STRUCTURAL SHEETS FOR NEW FOUNDATION LAYOUT. COORDINATE LAYOUT WITH FOUNDATION CONTRACTOR.
- SEE SHEET CU101 FOR ADDITIONAL INFORMATION RELATED TO THE LAYOUT OF SITE LIGHTS AND PULL BOXES AND THEIR RESPECTIVE CONDUIT AND WIRING. COORDINATE LAYOUT WITH THE ELECTRICAL CONTRACTOR.
- SURVEY LIMITS ARE AS SHOWN ON THE DRAWINGS. ADDITIONAL INFORMATION GATHERED VIA MULTIPLE SOURCES INCLUDING SITE OBSERVATIONS. CONTRACTOR TO VERIFY IN FIELD.
- A FOUR FOOT WIDE SWATH OF TURF SOD SHALL BE INSTALLED ADJACENT TO ALL BUILDING SIDES OR STONE MAINTENANCE EDGING EXTENDING OUTWARD FROM THE FACE OF THE BUILDING, WHERE HARDSCAPE IS NOT IN CONFLICT.

EXISTING

PROPOSED

LEGEND

UTILITY POLE

STREET LIGHTING

BUILDING LIGHTING

WATER SHUTOFF / GATE VALVE

TRANSFORMER PAD

PULL BOX

MANHOLE

DRAIN MANHOLE

SEWER MANHOLE

CATCH BASIN

FIRE HYDRANT

GAS VALVE

GAS SHUTOFF

SIGN

FENCING

P.T. GUARD RAIL

HMA PAVEMENT

HMA SIDEWALK

CONCRETE SIDEWALK

VERTICAL CURB

SLOPED CURB

CONCRETE AGGREGATE

PROPERTY SETBACK

PROPERTY LINE

ABUTTING PROPERTY LINE

TREE LINE

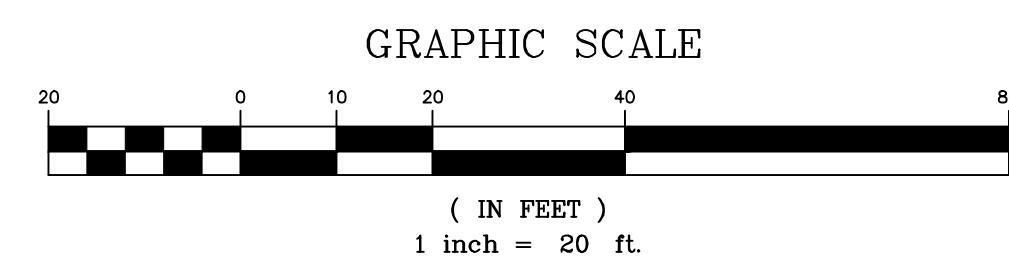
TREE

<div>Revisions:</div>		<div>Date:</div>		CONSULTANT		ARCHITECT/ENGINEER OF RECORD		STAMP		Office of Construction and Facilities Management		Drawing Title		Phase		Project Title		Project Number					
						WBRC ARCHITECTS • ENGINEERS		ARTHUR R. BOLDUC		VA		PLAZA INSET / BUILDING 14 PLAN		CONSTRUCTION DOCUMENTS		NEW MENTAL HEALTH BUILDING - PHASE 2		650-332					
						BANGOR, MAINE 207-947-4511 PORTLAND, MAINE 207-428-4511 SARASOTA, FLORIDA 941-556-0757		REGISTERED PROFESSIONAL ENGINEER CIVIL		U.S. Department of Veterans Affairs		Approved: VA RI FACILITIES MANAGEMENT SERVICE		FULLY SPRINKLERED		Location 830 CHALKSTONE AVE PROVIDENCE, RI 02908		Building Number 39					
																Issue Date 04 FEB 2022		Checked ARB		Drawn KRB		Drawing Number CP301	

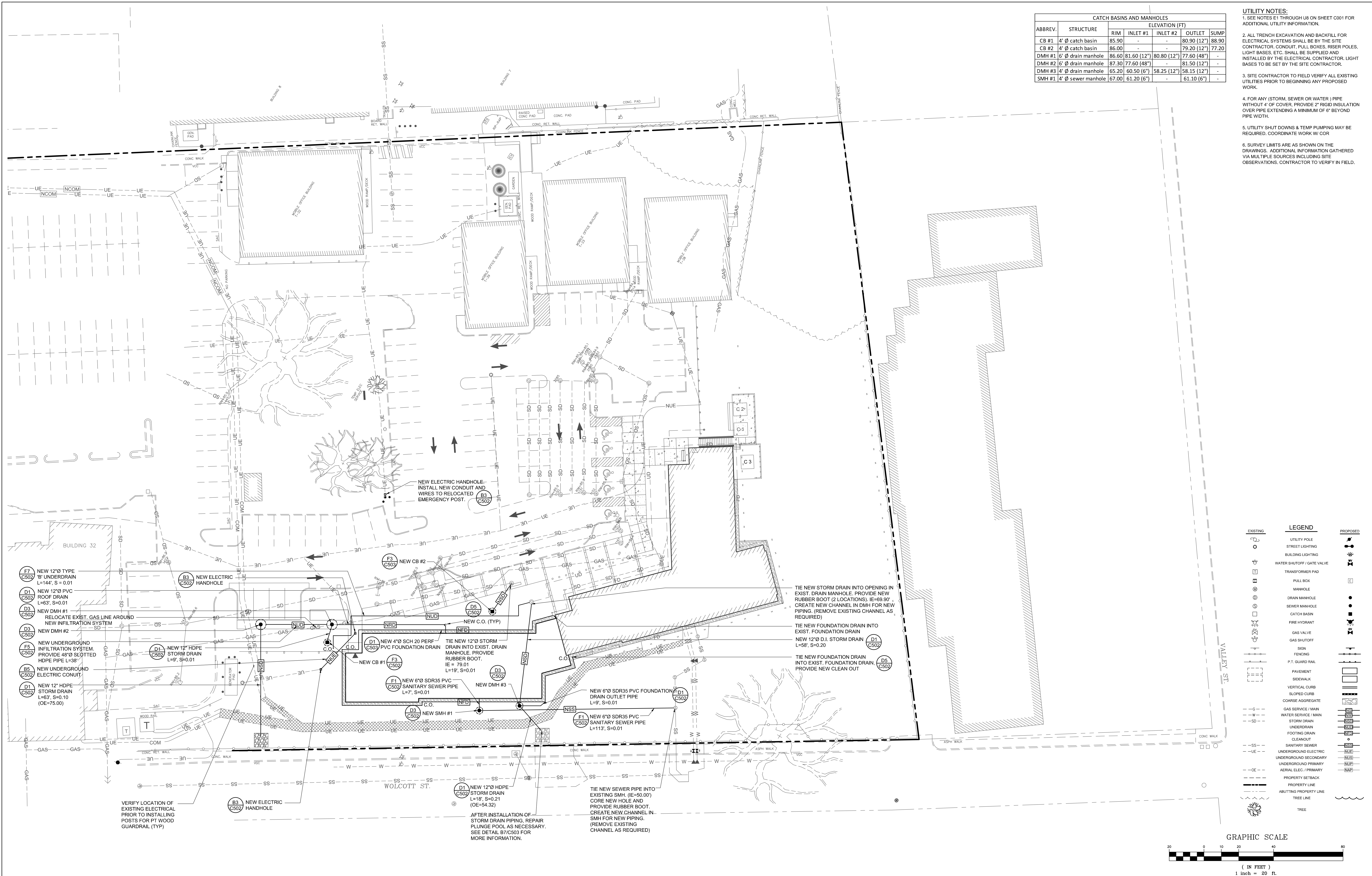


- GRADING NOTES:**
1. SEE NOTES G1 THROUGH G8 ON SHEET C001 FOR ADDITIONAL GRADING INFORMATION.
 2. ALL DISTURBED AREAS NOT RECEIVING PAVEMENT SHALL BE PROVIDED WITH LOAM AND SEED PER THE CONTRACT DOCUMENTS.
 3. PROPOSED GRADING SHOWN ON THIS PLAN IS BASED ON A TOPOGRAPHIC SURVEY PREPARED BY G&M ASSOCIATES, INC.
 4. TEST PIT LOCATION AND INFORMATION PROVIDED BY S.W. COLE ENGINEERING INC. SEE SHEETS 606 FOR LOGS. SEE GEOTECHNICAL REPORT BOUND IN THE SPECIFICATIONS.
 5. SURVEY LIMITS ARE AS SHOWN ON THE DRAWINGS. ADDITIONAL INFORMATION GATHERED VIA MULTIPLE SOURCES INCLUDING SITE OBSERVATIONS. CONTRACTOR TO VERIFY IN FIELD.
 6. EXISTING MATERIALS EXCAVATED ON SITE SHALL NOT BE USED IF COMPACTION REQUIREMENTS CANNOT BE MET. REUSE MATERIAL SHALL BE FREE OF DELETERIOUS MATERIAL WHICH SHALL BE REMOVED & DISPOSED OF OFF SITE. ANY AREA SUPPORTING BUILDING, PAVEMENT OR INFRASTRUCTURE SHALL BE BROUGHT TO GRADE USING ENGINEERED AGGREGATE EQUAL RIDOT GRAVEL BORROW 1A UNLESS OTHERWISE INDICATED. SEE GEOTECH REPORT FOR ADDITIONAL INFORMATION.

EXISTING	LEGEND	PROPOSED
	UTILITY POLE	
	STREET LIGHTING	
	BUILDING LIGHTING	
	WATER SHUTOFF / GATE VALVE	
	TRANSFORMER PAD	
	PULL BOX	
	MANHOLE	
	DRAIN MANHOLE	
	SEWER MANHOLE	
	CATCH BASIN	
	FIRE HYDRANT	
	GAS VALVE	
	GAS SHUTOFF	
	SIGN	
	FENCING	
	P.T. GUARD RAIL	
	PAVEMENT	
	SIDEWALK	
	VERTICAL CURB	
	SLOPED CURB	
	COARSE AGGREGATE	
	CONTOURS	
	SEDIMENTATION CONTROL FENCE	
	FLOW PATH	
	TEMP. SILT INLET PROTECTION	
	BANK STABILIZATION MESH	
	GEOTEXTILE STABILIZED SLOPE	
	PROPERTY SETBACK	
	PROPERTY LINE	
	ABUTTING PROPERTY LINE	
	TREE LINE	
	TREE	
	SOIL BORING	



	Revisions:	Date:	CONSULTANT	ARCHITECT/ENGINEER OF RECORD	STAMP	Office of Construction and Facilities Management	Drawing Title	Phase	Project Title	Project Number	
				WBRC ARCHITECTS • ENGINEERS WWW.WBRCAE.COM BANGOR, MAINE 207-947-4511 PORTLAND, MAINE 207-428-4511 SARASOTA, FLORIDA 941-556-0757		U.S. Department of Veterans Affairs	SITE GRADING & EROSION CONTROL PLAN	CONSTRUCTION DOCUMENTS	NEW MENTAL HEALTH BUILDING - PHASE 2	650-347	
							Approved:			Location	Building Number
							VA RI FACILITIES MANAGEMENT SERVICE	FULLY SPRINKLERED		830 CHALKSTONE AVE PROVIDENCE, RI 02908	39
										Issue Date	Drawing Number
										04 FEB 2022	CG101
										Checked	
										ARB	
										Drawn	
										KRB	



CONSULTANT

Revisions: _____ Date: _____

ARCHITECT/ENGINEER OF RECORD

WBRC
ARCHITECTS • ENGINEERS

WWW.WBRCAE.COM
BANGOR, MAINE 207-947-4511
PORTLAND, MAINE 207-428-4511
SARASOTA, FLORIDA 941-556-0757

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title
SITE UTILITY PLAN

Approved:
VA RI FACILITIES MANAGEMENT SERVICE

Phase
CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title
NEW MENTAL HEALTH BUILDING - PHASE 2

Location
830 CHALKSTONE AVE PROVIDENCE, RI 02908

Issue Date
04 FEB 2022

Checked
ARB

Drawn
KRB

Project Number
650-347

Building Number
39

Drawing Number
CU101

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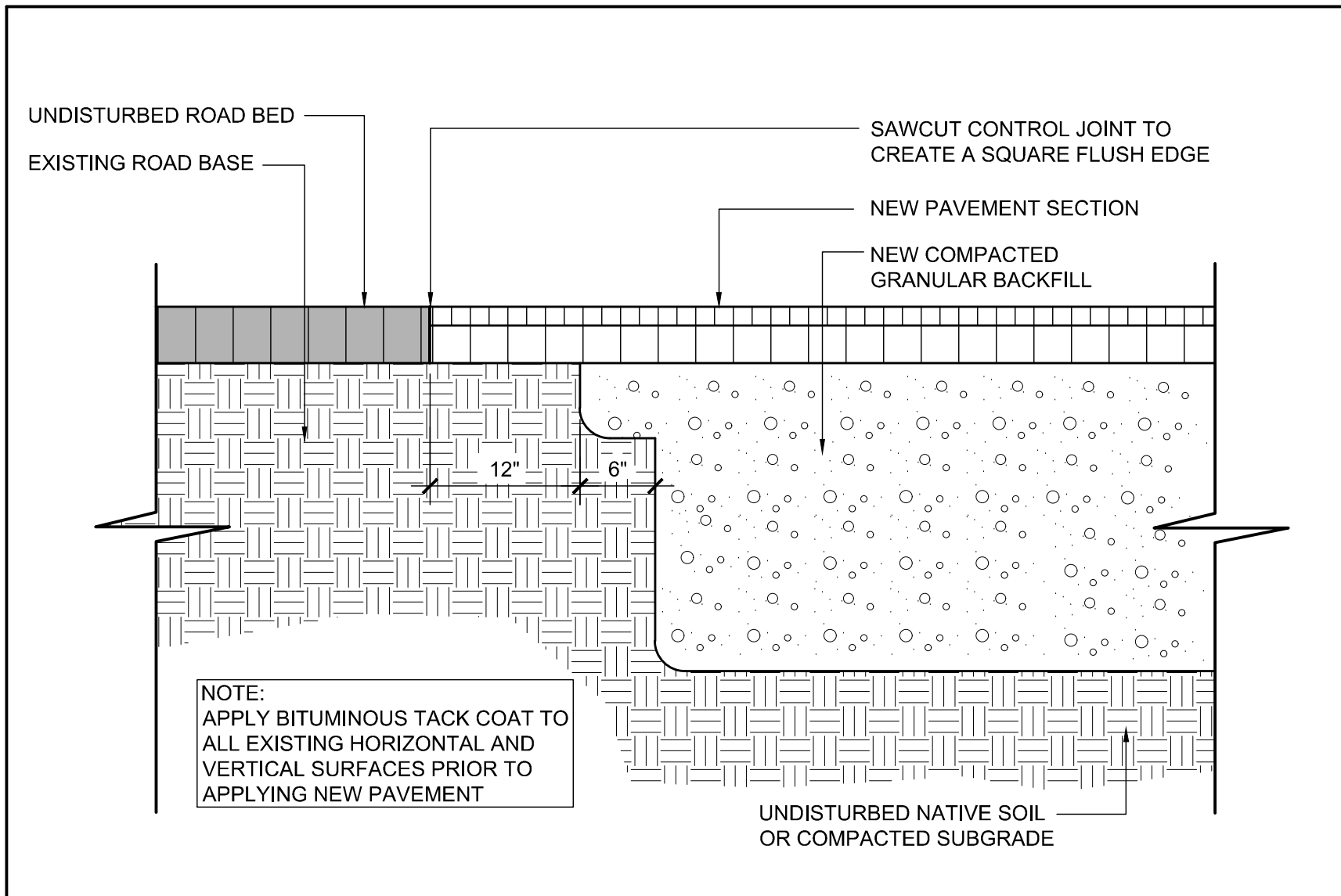
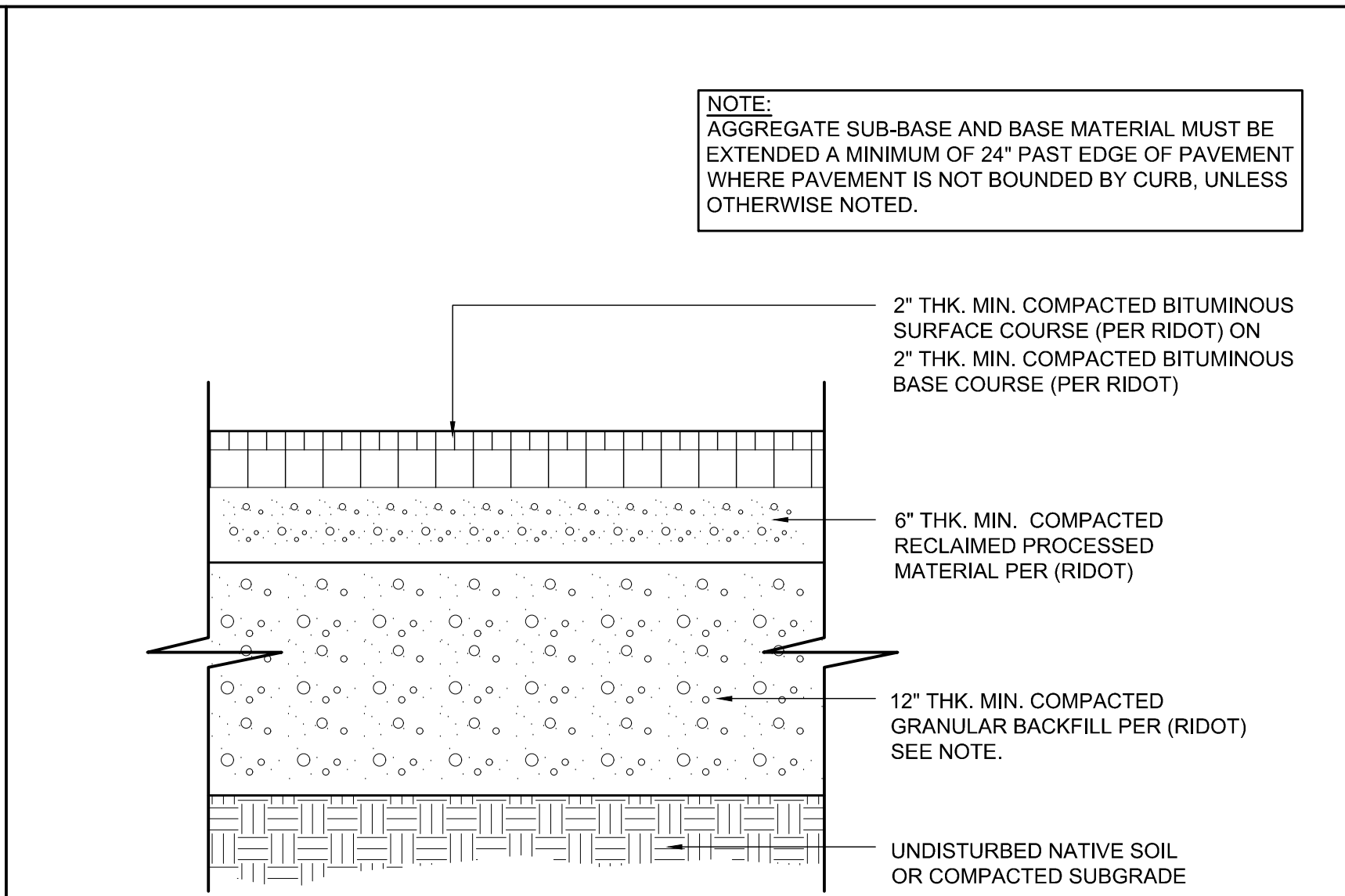
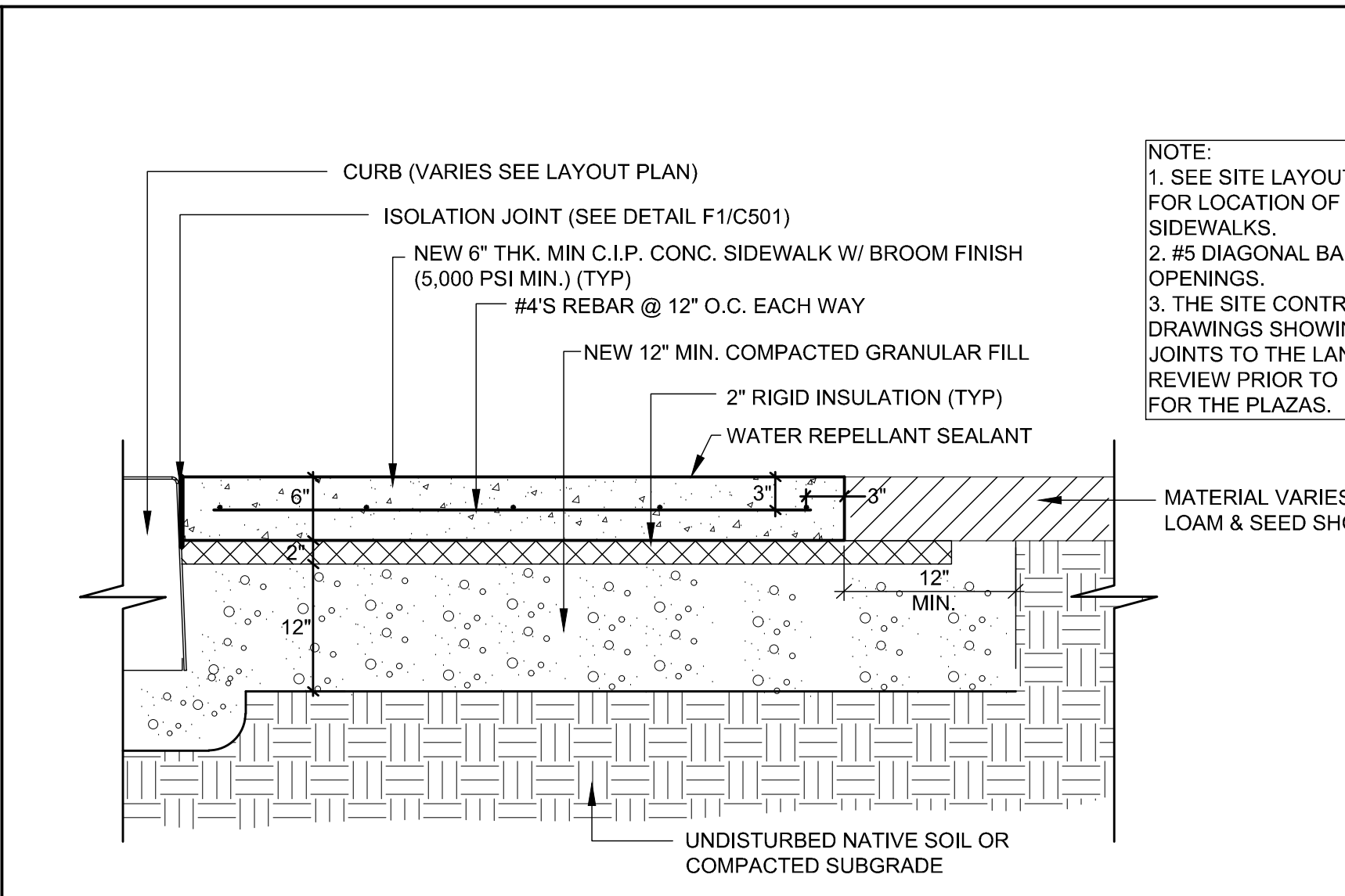
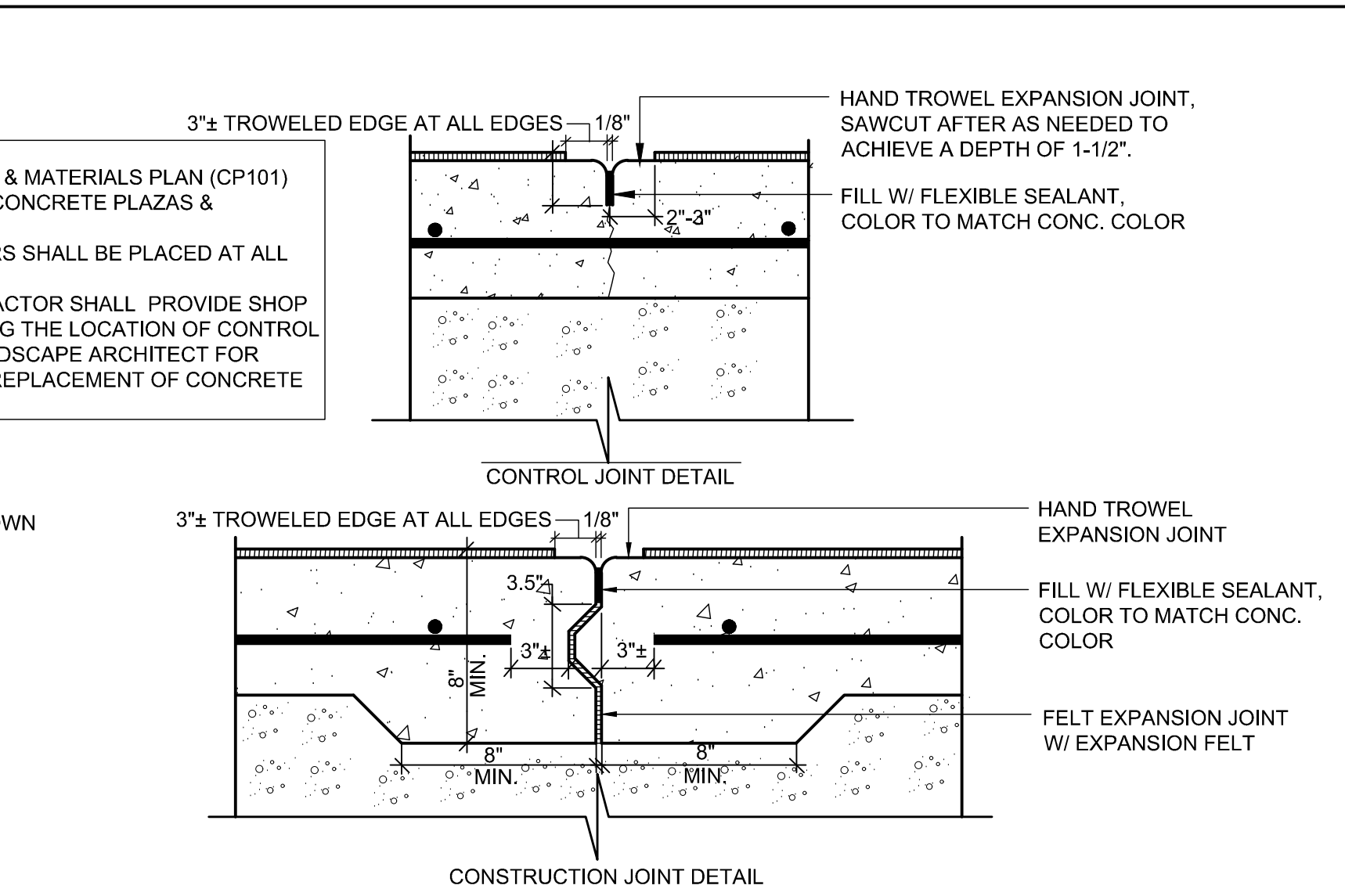
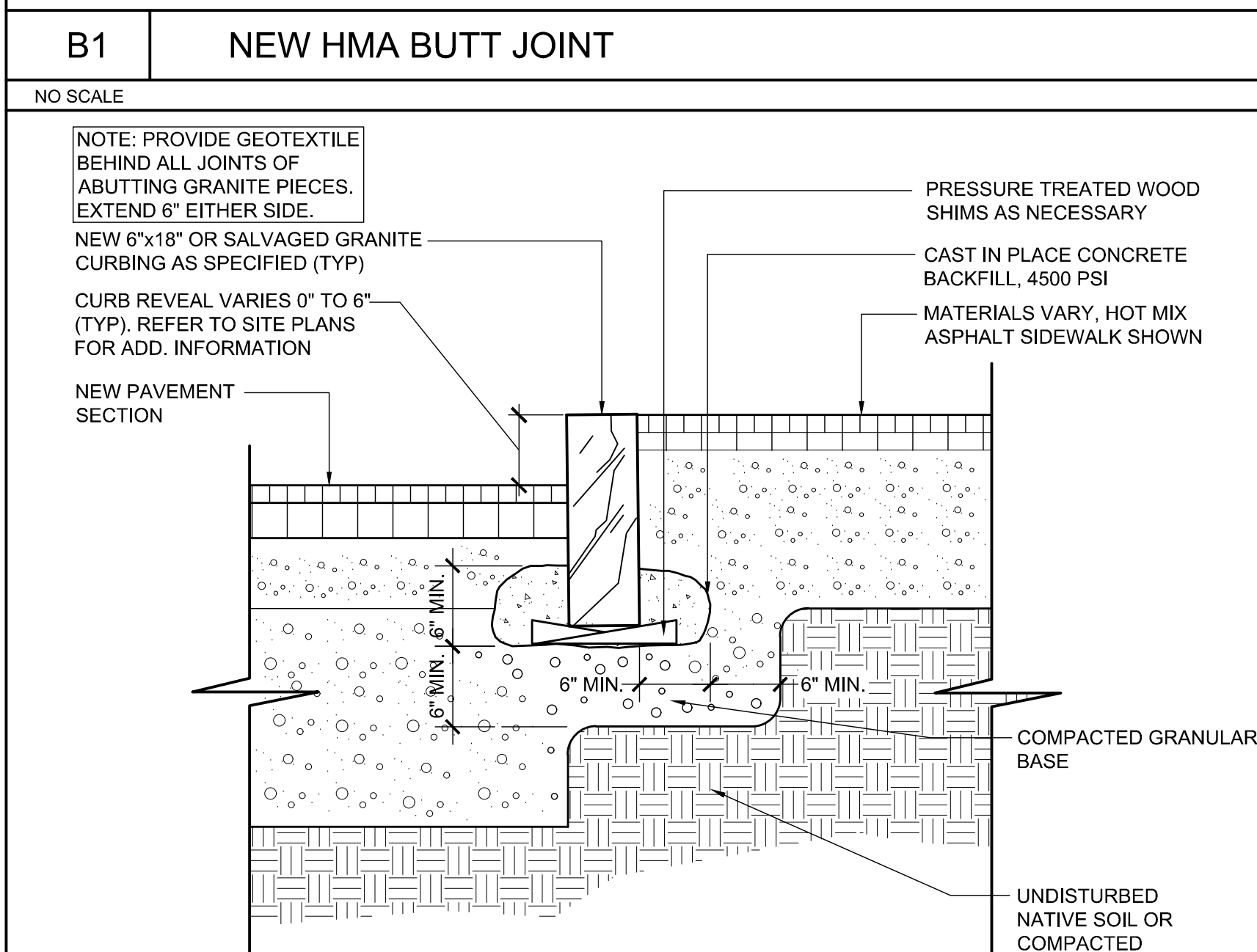
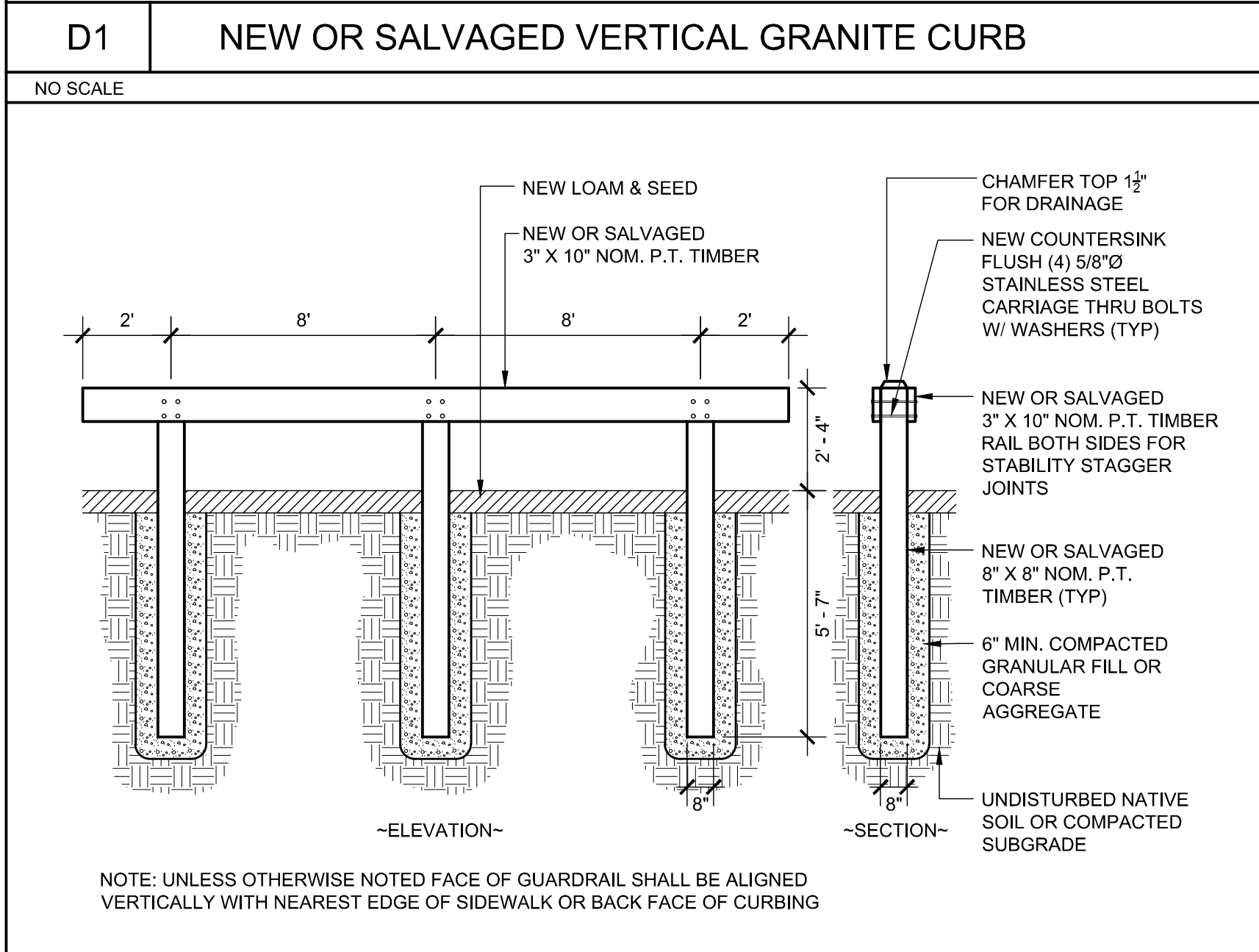
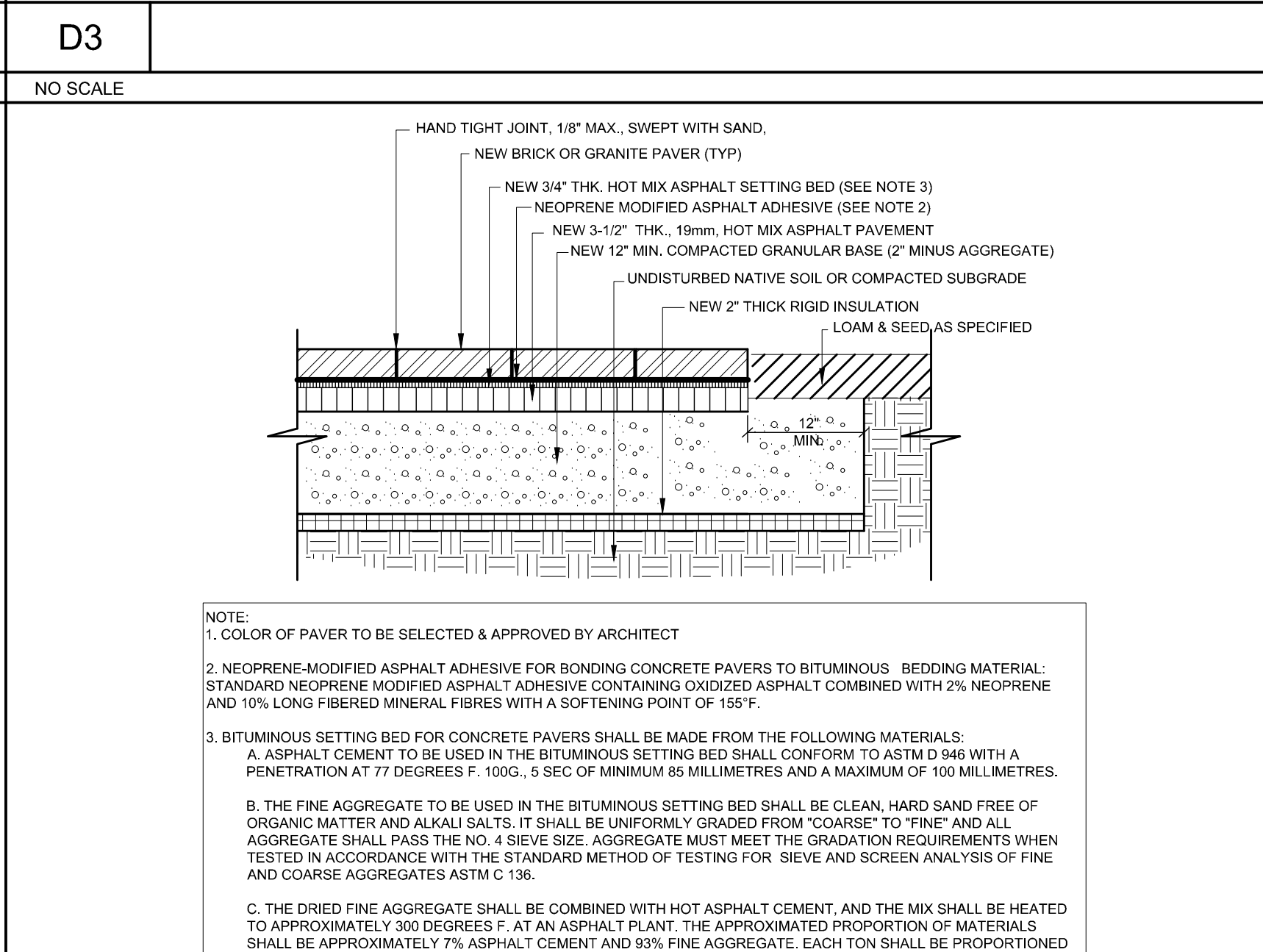
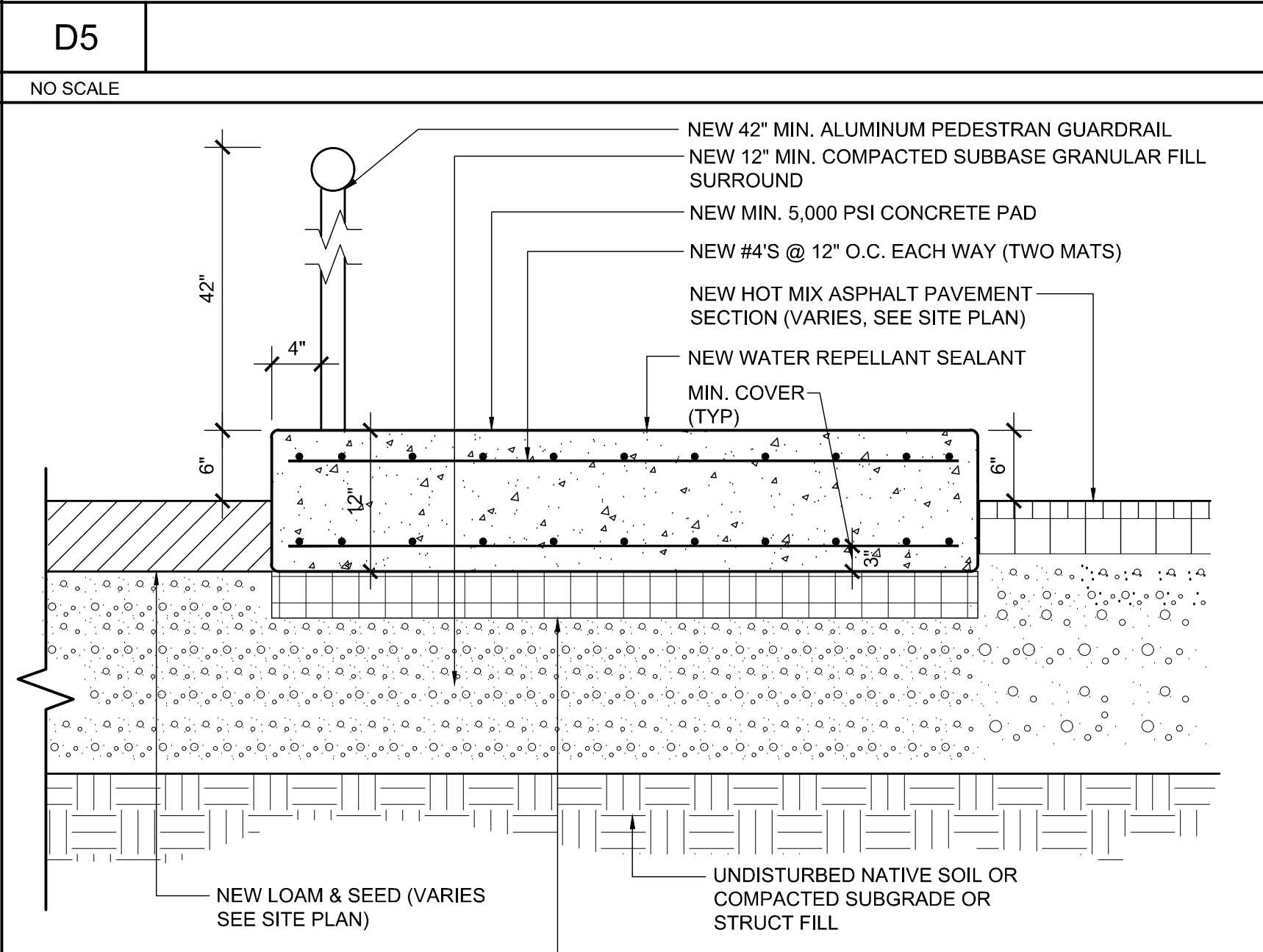
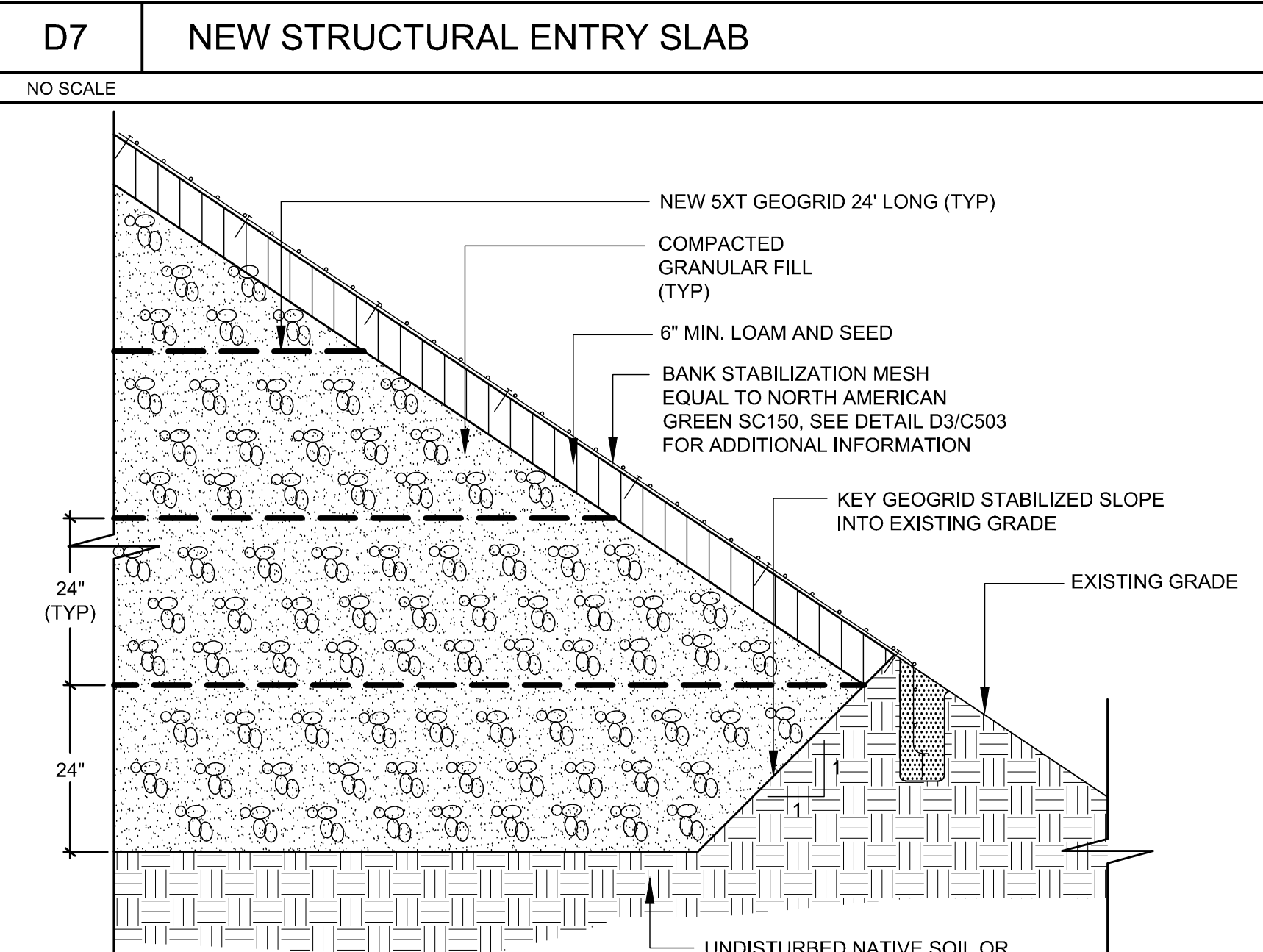

B

C

D

E

F

 <p>UNDISTURBED ROAD BED</p> <p>EXISTING ROAD BASE</p> <p>SAWCUT CONTROL JOINT TO CREATE A SQUARE FLUSH EDGE</p> <p>NEW PAVEMENT SECTION</p> <p>NEW COMPACTED GRANULAR BACKFILL</p> <p>NOTE: APPLY BITUMINOUS TACK COAT TO ALL EXISTING HORIZONTAL AND VERTICAL SURFACES PRIOR TO APPLYING NEW PAVEMENT</p> <p>UNDISTURBED NATIVE SOIL OR COMPACTED SUBGRADE</p>		 <p>NOTE: AGGREGATE SUB-BASE AND BASE MATERIAL MUST BE EXTENDED A MINIMUM OF 24" PAST EDGE OF PAVEMENT WHERE PAVEMENT IS NOT BOUNDED BY CURB, UNLESS OTHERWISE NOTED.</p> <p>2" THK. MIN. COMPACTED BITUMINOUS SURFACE COURSE (PER RIDOT) ON 2" THK. MIN. COMPACTED BITUMINOUS BASE COURSE (PER RIDOT)</p> <p>6" THK. MIN. COMPACTED RECLAIMED PROCESSED MATERIAL PER (RIDOT)</p> <p>12" THK. MIN. COMPACTED GRANULAR BACKFILL PER (RIDOT) SEE NOTE.</p> <p>UNDISTURBED NATIVE SOIL OR COMPACTED SUBGRADE</p>		 <p>CURB (VARIES SEE LAYOUT PLAN)</p> <p>ISOLATION JOINT (SEE DETAIL F1/C501)</p> <p>NEW 6" THK. MIN. C.I.P. CONC. SIDEWALK W/ BROOM FINISH (5,000 PSI MIN.) (TYP)</p> <p>#4'S REBAR @ 12" O.C. EACH WAY</p> <p>NEW 12" MIN. COMPACTED GRANULAR FILL</p> <p>2" RIGID INSULATION (TYP)</p> <p>WATER REPELLANT SEALANT</p> <p>NOTE: 1. SEE SITE LAYOUT & MATERIALS PLAN (CP101) FOR LOCATION OF CONCRETE PLAZAS & SIDEWALKS. 2. #5 DIAGONAL BARS SHALL BE PLACED AT ALL OPENINGS. 3. THE SITE CONTRACTOR SHALL PROVIDE SHOP DRAWINGS SHOWING THE LOCATION OF CONTROL JOINTS TO THE LANDSCAPE ARCHITECT FOR REVIEW PRIOR TO REPLACEMENT OF CONCRETE FOR THE PLAZAS.</p> <p>MATERIAL VARIES. LOAM & SEED SHOWN</p> <p>UNDISTURBED NATIVE SOIL OR COMPACTED SUBGRADE</p>		 <p>3/4" TROWELED EDGE AT ALL EDGES — 1/8"</p> <p>HAND TROWEL EXPANSION JOINT. SAWCUT AFTER AS NEEDED TO ACHIEVE A DEPTH OF 1-1/2".</p> <p>FILL W/ FLEXIBLE SEALANT, COLOR TO MATCH CONC. COLOR</p> <p>CONTROL JOINT DETAIL</p> <p>3/4" TROWELED EDGE AT ALL EDGES — 1/8"</p> <p>HAND TROWEL EXPANSION JOINT</p> <p>FILL W/ FLEXIBLE SEALANT, COLOR TO MATCH CONC. COLOR</p> <p>FELT EXPANSION JOINT W/ EXPANSION FELT</p> <p>CONSTRUCTION JOINT DETAIL</p>	
B1	NEW HMA BUTT JOINT	B3	NEW FULL DEPTH HOT MIX ASPHALT PAVEMENT	B5	NEW C.I.P. CONCRETE SIDEWALK/ PLAZA		
NO SCALE		NO SCALE		NO SCALE			
 <p>NOTE: PROVIDE GEOTEXTILE BEHIND ALL JOINTS OF ABUTTING GRANITE PIECES. EXTEND 6" EITHER SIDE.</p> <p>NEW 6"x18" OR SALVAGED GRANITE CURBING AS SPECIFIED (TYP)</p> <p>CURB REVEAL VARIES 0" TO 6" (TYP). REFER TO SITE PLANS FOR ADD. INFORMATION</p> <p>NEW PAVEMENT SECTION</p> <p>PRESSURE TREATED WOOD SHIMS AS NECESSARY</p> <p>CAST IN PLACE CONCRETE BACKFILL, 4500 PSI</p> <p>MATERIALS VARY, HOT MIX ASPHALT SIDEWALK SHOWN</p> <p>COMPACTED GRANULAR BASE</p> <p>UNDISTURBED NATIVE SOIL OR COMPACTED SUBGRADE</p>		NOT USED		NOT USED			
D1	NEW OR SALVAGED VERTICAL GRANITE CURB	D3		D5			
NO SCALE		NO SCALE		NO SCALE			
 <p>NEW LOAM & SEED</p> <p>NEW OR SALVAGED 3" X 10" NOM. P.T. TIMBER</p> <p>CHAMFER TOP 1/2" FOR DRAINAGE</p> <p>NEW COUNTERSINK FLUSH (4) 3/8" STAINLESS STEEL CARRIAGE THRU BOLTS W/ WASHERS (TYP)</p> <p>NEW OR SALVAGED 8" X 8" NOM. P.T. TIMBER (TYP)</p> <p>6" MIN. COMPACTED GRANULAR FILL OR COARSE AGGREGATE</p> <p>UNDISTURBED NATIVE SOIL OR COMPACTED SUBGRADE</p> <p>NOTE: UNLESS OTHERWISE NOTED FACE OF GUARDRAIL SHALL BE ALIGNED VERTICALLY WITH NEAREST EDGE OF SIDEWALK OR BACK FACE OF CURBING</p>		 <p>HAND TIGHT JOINT, 1/8" MAX. SWEEP WITH SAND.</p> <p>NEW BRICK OR GRANITE PAVER (TYP)</p> <p>NEW 3/4" THK. HOT MIX ASPHALT SETTING BED (SEE NOTE 3)</p> <p>NEOPRENE MODIFIED ASPHALT ADHESIVE (SEE NOTE 2)</p> <p>NEW 5/8" THK. HOT MIX ASPHALT PAVEMENT</p> <p>NEW 12" MIN. COMPACTED GRANULAR BASE (2" MINUS AGGREGATE)</p> <p>UNDISTURBED NATIVE SOIL OR COMPACTED SUBGRADE</p> <p>NEW 2" THK RIGID INSULATION</p> <p>LOAM & SEED AS SPECIFIED</p> <p>NOTE: 1. COLOR OF PAVEMENT TO BE SELECTED & APPROVED BY ARCHITECT 2. NEOPRENE-MODIFIED ASPHALT ADHESIVE FOR BONDING CONCRETE PAVERS TO BITUMINOUS BEDDING MATERIAL: STANDARD NEOPRENE MODIFIED ASPHALT ADHESIVE CONTAINING DIOXIDIZED ASPHALT COMBINED WITH 2% NEOPRENE AND 10% LONG FIBERED MINERAL FIBERS WITH A SOFTENING POINT OF 150°F. 3. BITUMINOUS SETTING BED FOR CONCRETE PAVERS SHALL BE MADE FROM THE FOLLOWING MATERIALS: A. ASPHALT CEMENT TO BE USED IN THE BITUMINOUS SETTING BED SHALL CONFORM TO ASTM D 946 WITH A PENETRATION AT 77 DEGREES F. 1000, 5 SEC. OF MINIMUM 85 MILLIMETRES AND A MAXIMUM OF 100 MILLIMETRES. B. THE FINE AGGREGATE TO BE USED IN THE BITUMINOUS SETTING BED SHALL BE CLEAN, HARD SAND FREE OF ORGANIC MATTER AND ALKALI SALTS. IT SHALL BE UNIFORMLY GRADED FROM "COARSE" TO "FINE" AND ALL AGGREGATE SHALL PASS THE NO. 4 SIEVE SIZE. AGGREGATE MUST MEET THE GRADATION REQUIREMENTS WHEN TESTED IN ACCORDANCE WITH THE STANDARD METHOD OF TESTING FOR SIEVE AND SCREEN ANALYSIS OF FINE AND COARSE AGGREGATES ASTM C 136. C. THE DRIED FINE AGGREGATE SHALL BE COMBINED WITH HOT ASPHALT CEMENT, AND THE MIX SHALL BE HEATED TO APPROXIMATELY 300 DEGREES F. AT AN ASPHALT PLANT. THE APPROXIMATED PROPORTION OF MATERIALS SHALL BE APPROXIMATELY 7% ASPHALT CEMENT AND 93% FINE AGGREGATE. EACH TON SHALL BE PROPORTIONED BY WEIGHT IN THE APPROXIMATE RATIO OF 145 LBS ASPHALT TO 855 LBS SAND.</p>		 <p>NEW 42" MIN. ALUMINUM PEDESTAL GUARDRAIL</p> <p>NEW 12" MIN. COMPACTED SUBBASE GRANULAR FILL SURROUND</p> <p>NEW MIN. 5,000 PSI CONCRETE PAD</p> <p>NEW #4'S @ 12" O.C. EACH WAY (TWO MATS)</p> <p>NEW HOT MIX ASPHALT PAVEMENT SECTION (VARIES, SEE SITE PLAN)</p> <p>NEW WATER REPELLANT SEALANT</p> <p>MIN. COVER (TYP)</p> <p>NEW LOAM & SEED (VARIES SEE SITE PLAN)</p> <p>UNDISTURBED NATIVE SOIL OR COMPACTED SUBGRADE OR STRUCT FILL</p> <p>NEW 4" THICK RIGID INSULATION</p>		 <p>NEW 5X12 GEOGRID 24' LONG (TYP)</p> <p>COMPACTED GRANULAR FILL (TYP)</p> <p>6" MIN. LOAM AND SEED</p> <p>BANK STABILIZATION MESH EQUAL TO NORTH AMERICAN GREEN SC150. SEE DETAIL D3/C503 FOR ADDITIONAL INFORMATION</p> <p>KEY GEOGRID STABILIZED SLOPE INTO EXISTING GRADE</p> <p>EXISTING GRADE</p> <p>UNDISTURBED NATIVE SOIL OR COMPACTED SUBGRADE</p>	
D1	NEW OR SALVAGED VERTICAL GRANITE CURB	D3		D5			
D7	NEW STRUCTURAL ENTRY SLAB	D7	NEW STRUCTURAL ENTRY SLAB	D7	NEW STRUCTURAL ENTRY SLAB		
NO SCALE		NO SCALE		NO SCALE			
 <p>NEW LOAM & SEED</p> <p>NEW OR SALVAGED 3" X 10" NOM. P.T. TIMBER</p> <p>CHAMFER TOP 1/2" FOR DRAINAGE</p> <p>NEW COUNTERSINK FLUSH (4) 3/8" STAINLESS STEEL CARRIAGE THRU BOLTS W/ WASHERS (TYP)</p> <p>NEW OR SALVAGED 8" X 8" NOM. P.T. TIMBER (TYP)</p> <p>6" MIN. COMPACTED GRANULAR FILL OR COARSE AGGREGATE</p> <p>UNDISTURBED NATIVE SOIL OR COMPACTED SUBGRADE</p> <p>NOTE: UNLESS OTHERWISE NOTED FACE OF GUARDRAIL SHALL BE ALIGNED VERTICALLY WITH NEAREST EDGE OF SIDEWALK OR BACK FACE OF CURBING</p>		F3		F5			
NEW OR SALVAGED TIMBER GUARDRAIL		NEW CLAY BRICK PAVEMENT		NEW C.I.P. CONCRETE CHILLER PAD			
NO SCALE		NO SCALE		NO SCALE			
F1		F3		F5			
NEW OR SALVAGED TIMBER GUARDRAIL		NEW CLAY BRICK PAVEMENT		NEW C.I.P. CONCRETE CHILLER PAD			
NO SCALE		NO SCALE		NO SCALE			
F1		F3		F5			
NEW OR SALVAGED TIMBER GUARDRAIL		NEW CLAY BRICK PAVEMENT		NEW C.I.P. CONCRETE CHILLER PAD			
NO SCALE		NO SCALE		NO SCALE			
F1		F3		F5			
NEW OR SALVAGED TIMBER GUARDRAIL		NEW CLAY BRICK PAVEMENT		NEW C.I.P. CONCRETE CHILLER PAD			
NO SCALE		NO SCALE		NO SCALE			
F1		F3		F5			
NEW OR SALVAGED TIMBER GUARDRAIL		NEW CLAY BRICK PAVEMENT		NEW C.I.P. CONCRETE CHILLER PAD			
NO SCALE		NO SCALE		NO SCALE			
F1		F3		F5			
NEW OR SALVAGED TIMBER GUARDRAIL		NEW CLAY BRICK PAVEMENT		NEW C.I.P. CONCRETE CHILLER PAD			
NO SCALE		NO SCALE		NO SCALE			
F1		F3		F5			
NEW OR SALVAGED TIMBER GUARDRAIL		NEW CLAY BRICK PAVEMENT		NEW C.I.P. CONCRETE CHILLER PAD			
NO SCALE		NO SCALE		NO SCALE			
F1		F3		F5			
NEW OR SALVAGED TIMBER GUARDRAIL		NEW CLAY BRICK PAVEMENT		NEW C.I.P. CONCRETE CHILLER PAD			
NO SCALE		NO SCALE		NO SCALE			
F1		F3		F5			
NEW OR SALVAGED TIMBER GUARDRAIL		NEW CLAY BRICK PAVEMENT		NEW C.I.P. CONCRETE CHILLER PAD			
NO SCALE		NO SCALE		NO SCALE			
F1		F3		F5			
NEW OR SALVAGED TIMBER GUARDRAIL		NEW CLAY BRICK PAVEMENT		NEW C.I.P. CONCRETE CHILLER PAD			
NO SCALE		NO SCALE		NO SCALE			
F1		F3		F5			
NEW OR SALVAGED TIMBER GUARDRAIL		NEW CLAY BRICK PAVEMENT		NEW C.I.P. CONCRETE CHILLER PAD			
NO SCALE		NO SCALE		NO SCALE			
F1		F3		F5			
NEW OR SALVAGED TIMBER GUARDRAIL		NEW CLAY BRICK PAVEMENT		NEW C.I.P. CONCRETE CHILLER PAD			
NO SCALE		NO SCALE		NO SCALE			
F1		F3		F5			
NEW OR SALVAGED TIMBER GUARDRAIL		NEW CLAY BRICK PAVEMENT		NEW C.I.P. CONCRETE CHILLER PAD			
NO SCALE		NO SCALE		NO SCALE			
F1		F3		F5			
NEW OR SALVAGED TIMBER GUARDRAIL		NEW CLAY BRICK PAVEMENT		NEW C.I.P. CONCRETE CHILLER PAD			
NO SCALE		NO SCALE		NO SCALE			
F1		F3		F5			
NEW OR SALVAGED TIMBER GUARDRAIL		NEW CLAY BRICK PAVEMENT		NEW C.I.P. CONCRETE CHILLER PAD			
NO SCALE		NO SCALE		NO SCALE			
F1		F3		F5			
NEW OR SALVAGED TIMBER GUARDRAIL		NEW CLAY BRICK PAVEMENT		NEW C.I.P. CONCRETE CHILLER PAD			
NO SCALE		NO SCALE		NO SCALE			
F1		F3		F5			
NEW OR SALVAGED TIMBER GUARDRAIL		NEW CLAY BRICK PAVEMENT		NEW C.I.P. CONCRETE CHILLER PAD			
NO SCALE		NO SCALE		NO SCALE			
F1		F3		F5			
NEW OR SALVAGED TIMBER GUARDRAIL		NEW CLAY BRICK PAVEMENT		NEW C.I.P. CONCRETE CHILLER PAD			
NO SCALE		NO SCALE		NO SCALE			
F1		F3		F5			
NEW OR SALVAGED TIMBER GUARDRAIL		NEW CLAY BRICK PAVEMENT		NEW C.I.P. CONCRETE CHILLER PAD			
NO SCALE		NO SCALE		NO SCALE			
F1		F3		F5			
NEW OR SALVAGED TIMBER GUARDRAIL		NEW CLAY BRICK PAVEMENT		NEW C.I.P. CONCRETE CHILLER PAD			
NO SCALE		NO SCALE		NO SCALE			
F1		F3		F5			
NEW OR SALVAGED TIMBER GUARDRAIL		NEW CLAY BRICK PAVEMENT		NEW C.I.P. CONCRETE CHILLER PAD			
NO SCALE		NO SCALE		NO SCALE			
F1		F3		F5			
NEW OR SALVAGED TIMBER GUARDRAIL		NEW CLAY BRICK PAVEMENT		NEW C.I.P. CONCRETE CHILLER PAD			
NO SCALE		NO SCALE		NO SCALE			
F1		F3		F5			
NEW OR SALVAGED TIMBER GUARDRAIL		NEW CLAY BRICK PAVEMENT		NEW C.I.P. CONCRETE CHILLER PAD			
NO SCALE		NO SCALE		NO SCALE			
F1		F3		F5			
NEW OR SALVAGED TIMBER GUARDRAIL		NEW CLAY BRICK PAVEMENT		NEW C.I.P. CONCRETE CHILLER PAD			
NO SCALE		NO SCALE		NO SCALE			
F1		F3		F5			
NEW OR SALVAGED TIMBER GUARDRAIL		NEW CLAY BRICK PAVEMENT		NEW C.I.P. CONCRETE CHILLER PAD			
NO SCALE		NO SCALE		NO SCALE			
F1		F3		F5			
NEW OR SALVAGED TIMBER GUARDRAIL		NEW CLAY BRICK PAVEMENT		NEW C.I.P. CONCRETE CHILLER PAD			
NO SCALE		NO SCALE		NO SCALE			
F1		F3		F5			
NEW OR SALVAGED TIMBER GUARDRAIL		NEW CLAY BRICK PAVEMENT		NEW C.I.P. CONCRETE CHILLER PAD			
NO SCALE		NO SCALE		NO SCALE			
F1		F3		F5			
NEW OR SALVAGED TIMBER GUARDRAIL		NEW CLAY BRICK PAVEMENT		NEW C.I.P. CONCRETE CHILLER PAD			
NO SCALE		NO SCALE		NO SCALE			
F1		F3		F5			
NEW OR SALVAGED TIMBER GUARDRAIL		NEW CLAY BRICK PAVEMENT		NEW C.I.P. CONCRETE CHILLER PAD			
NO SCALE		NO SCALE		NO SCALE			
F1		F3		F5			
NEW OR SALVAGED TIMBER GUARDRAIL		NEW CLAY BRICK PAVEMENT		NEW C.I.P. CONCRETE CHILLER PAD			
NO SCALE		NO SCALE		NO SCALE			
F1		F3		F5			
NEW OR SALVAGED TIMBER GUARDRAIL		NEW CLAY BRICK PAVEMENT		NEW C.I.P. CONCRETE CHILLER PAD			
NO SCALE		NO SCALE		NO SCALE			
F1		F3		F5			
NEW OR SALVAGED TIMBER GUARDRAIL		NEW CLAY BRICK PAVEMENT		NEW C.I.P. CONCRETE CHILLER PAD			
NO SCALE		NO SCALE		NO SCALE			
F1		F3		F5			
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NO SCALE		NO SCALE		NO SCALE			
F1		F3		F5			
NEW OR SALVAGED TIMBER GUARDRAIL		NEW CLAY BRICK PAVEMENT		NEW C.I.P. CONCRETE CHILLER PAD			
NO SCALE		NO SCALE		NO SCALE			
F1		F3		F5			
NEW OR SALVAGED TIMBER GUARDRAIL		NEW CLAY BRICK PAVEMENT		NEW C.I.P. CONCRETE CHILLER PAD			
NO SCALE		NO SCALE		NO SCALE			
F1		F3		F5			
NEW OR SALVAGED TIMBER GUARDRAIL		NEW CLAY BRICK PAVEMENT		NEW C.I.P. CONCRETE CHILLER PAD			
NO SCALE		NO SCALE		NO SCALE			
F1		F3		F5			
NEW OR SALVAGED TIMBER GUARDRAIL		NEW CLAY BRICK PAVEMENT		NEW C.I.P. CONCRETE CHILLER PAD			
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F1		F3		F5			
NEW OR SALVAGED TIMBER GUARDRAIL		NEW CLAY BRICK PAVEMENT		NEW C.I.P. CONCRETE CHILLER PAD			
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F1		F3		F5			
NEW OR SALVAGED TIMBER GUARDRAIL		NEW CLAY BRICK PAVEMENT		NEW C.I.P. CONCRETE CHILLER PAD			
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NEW OR SALVAGED TIMBER GUARDRAIL		NEW CLAY BRICK PAVEMENT		NEW C.I.P. CONCRETE CHILLER PAD			
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NEW OR SALVAGED TIMBER GUARDRAIL		NEW CLAY BRICK PAVEMENT		NEW C.I.P. CONCRETE CHILLER PAD			
NO SCALE		NO SCALE		NO SCALE			
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NEW OR SALVAGED TIMBER GUARDRAIL		NEW CLAY BRICK PAVEMENT		NEW C.I.P. CONCRETE CHILLER PAD			
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NEW OR SALVAGED TIMBER GUARDRAIL		NEW CLAY BRICK PAVEMENT		NEW C.I.P. CONCRETE CHILLER PAD			
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NEW OR SALVAGED TIMBER GUARDRAIL		NEW CLAY BRICK PAVEMENT		NEW C.I.P. CONCRETE CHILLER PAD			
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NEW OR SALVAGED TIMBER GUARDRAIL		NEW CLAY BRICK PAVEMENT		NEW C.I.P. CONCRETE CHILLER PAD			
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NEW OR SALVAGED TIMBER GUARDRAIL		NEW CLAY BRICK PAVEMENT		NEW C.I.P. CONCRETE CHILLER PAD			
NO SCALE		NO SCALE		NO SCALE			
F1		F3		F5			
NEW OR SALVAGED TIMBER GUARDRAIL		NEW CLAY BRICK PAVEMENT		NEW C.I.P. CONCRETE CHILLER PAD			
NO SCALE		NO SCALE		NO SCALE			
F1		F3		F5			
NEW OR SALVAGED TIMBER GUARDRAIL		NEW CLAY BRICK PAVEMENT</					



1	2	3	4	5	6	7	8	9	10
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A

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C

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E

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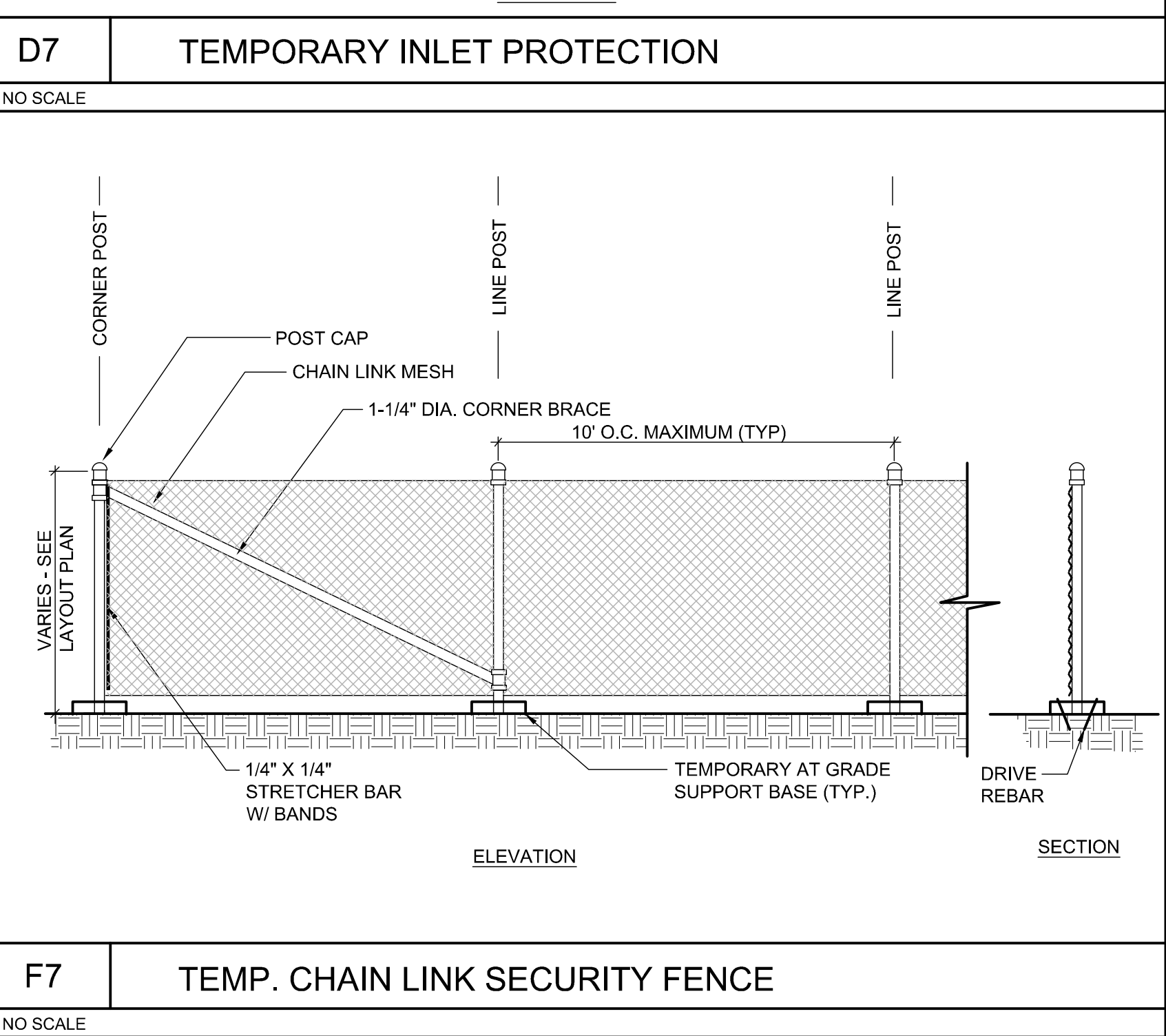
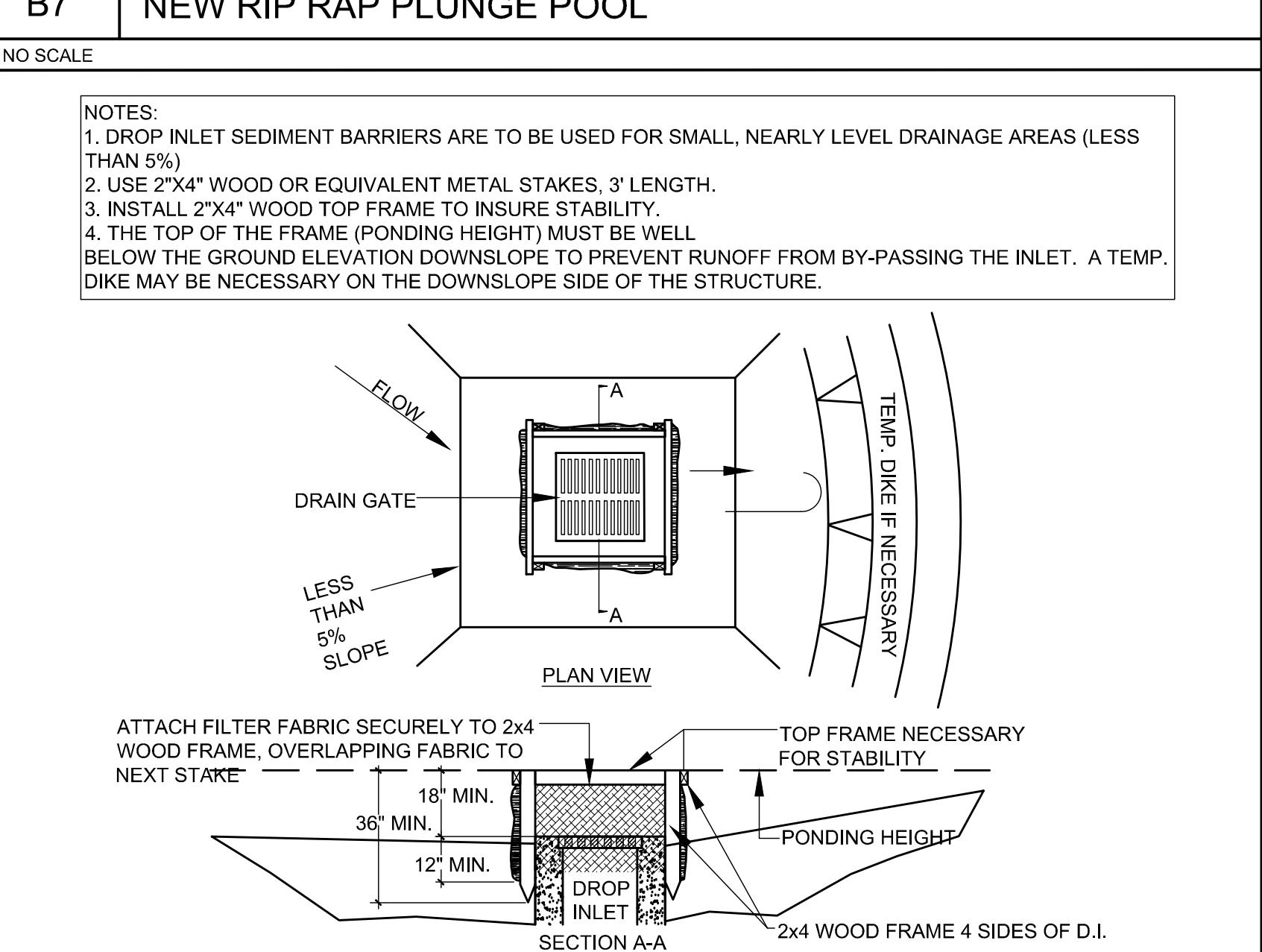
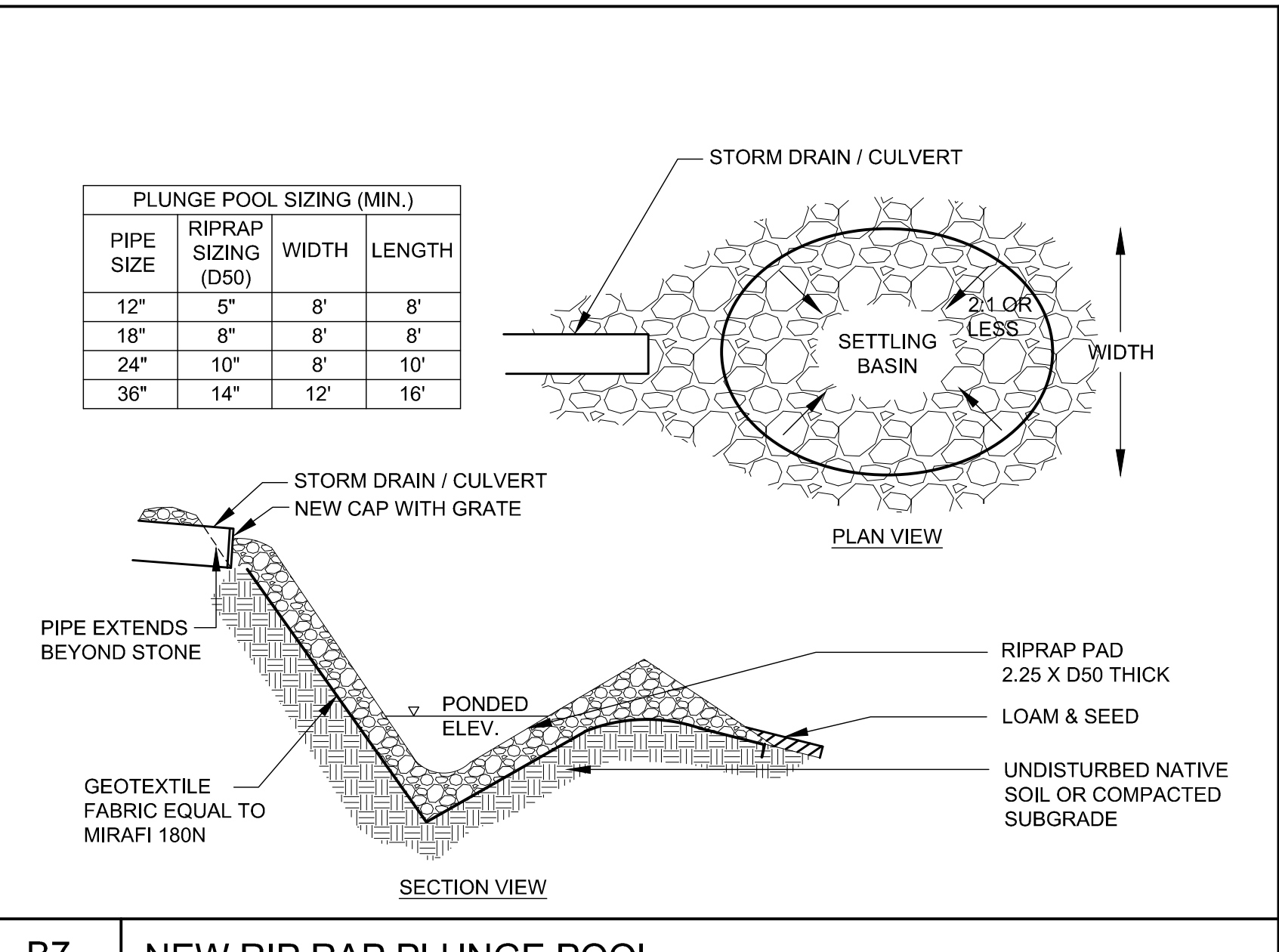
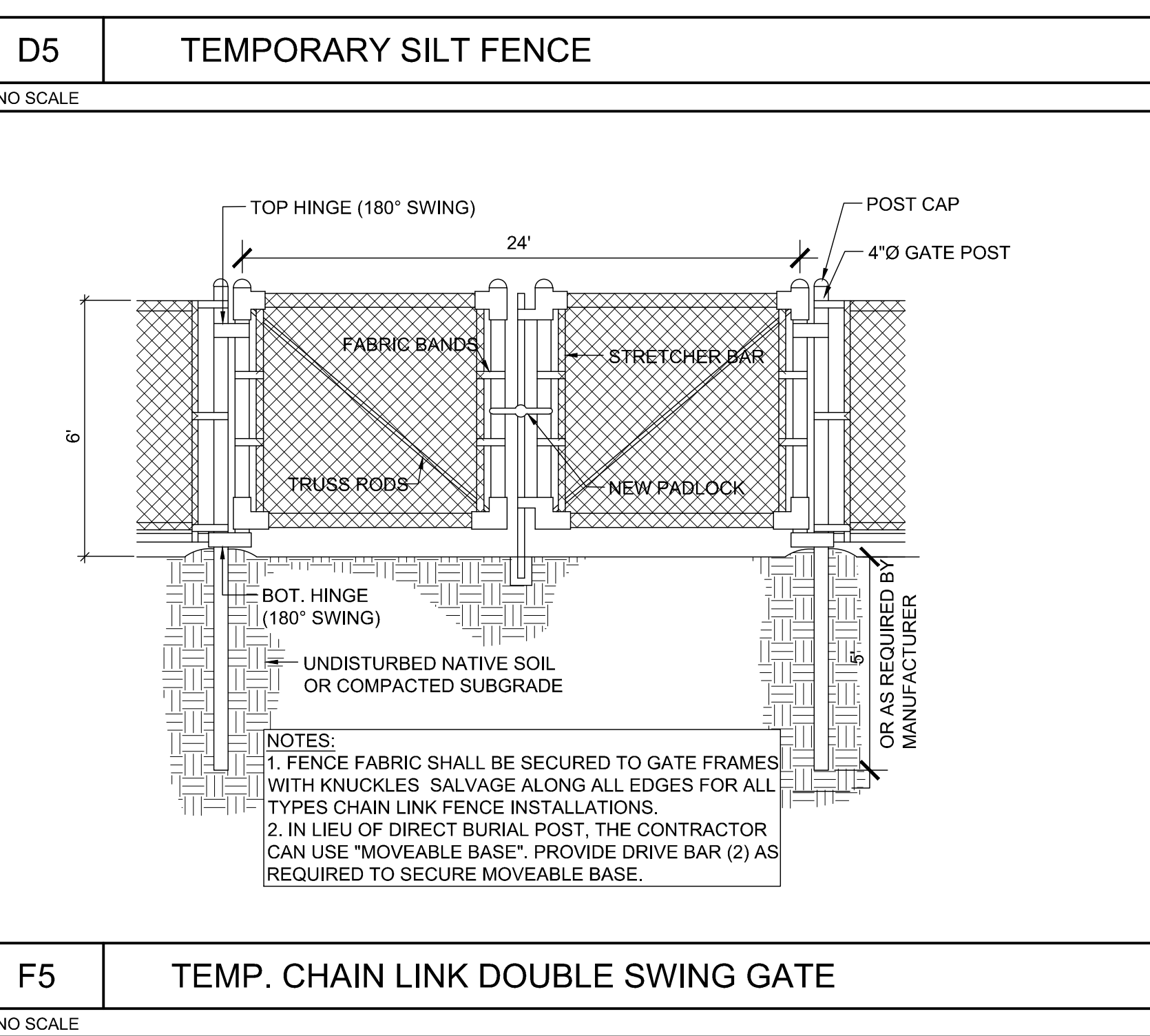
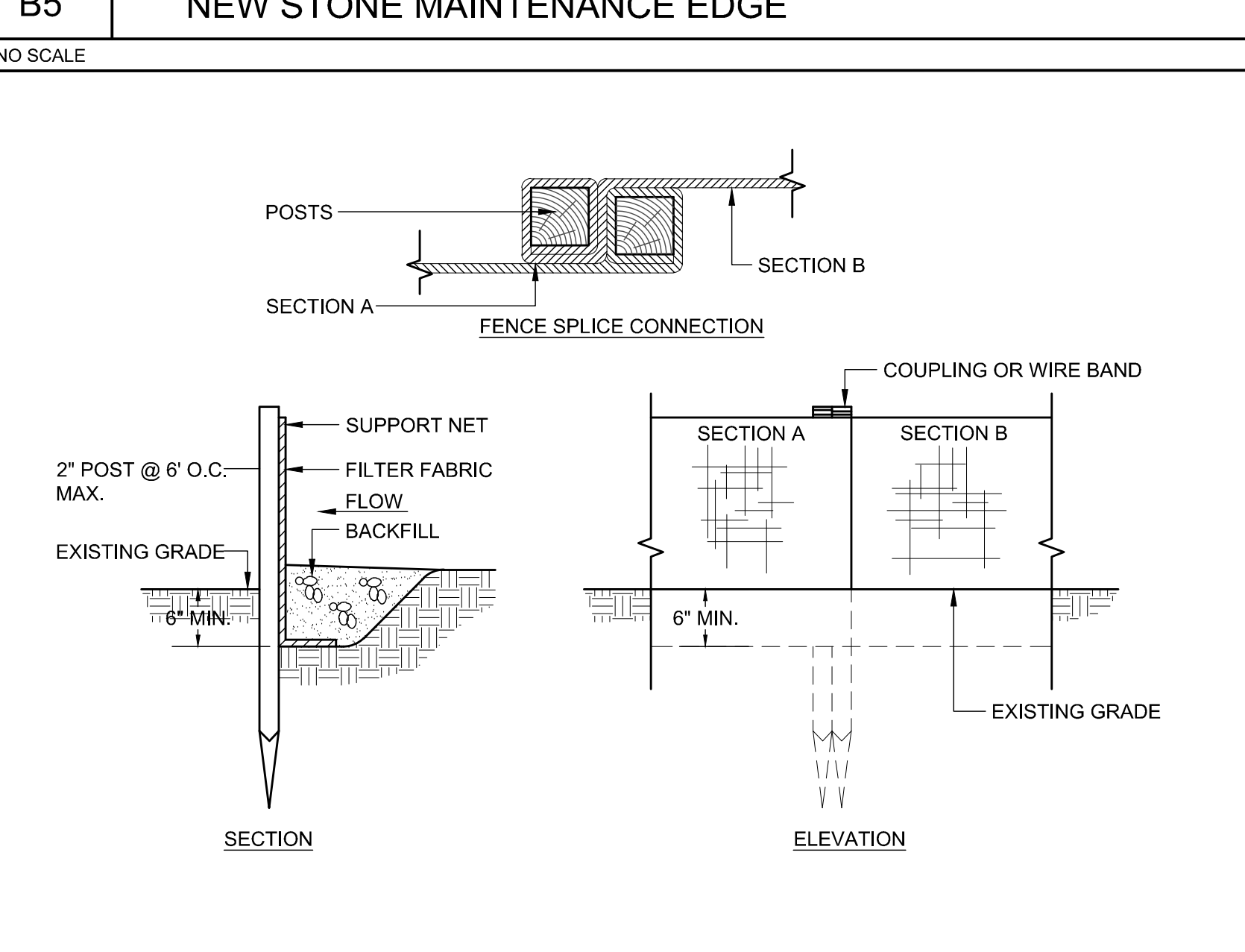
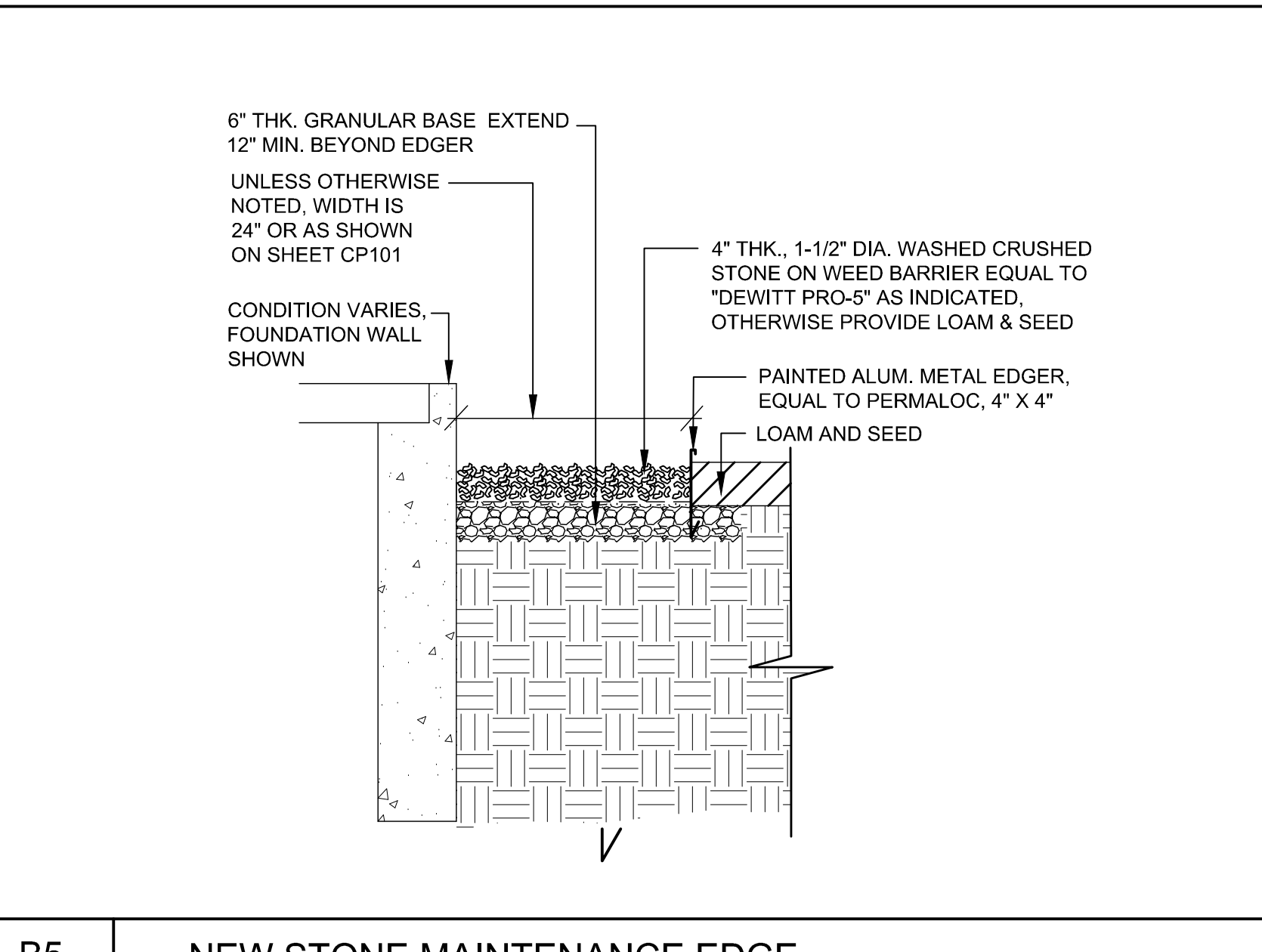
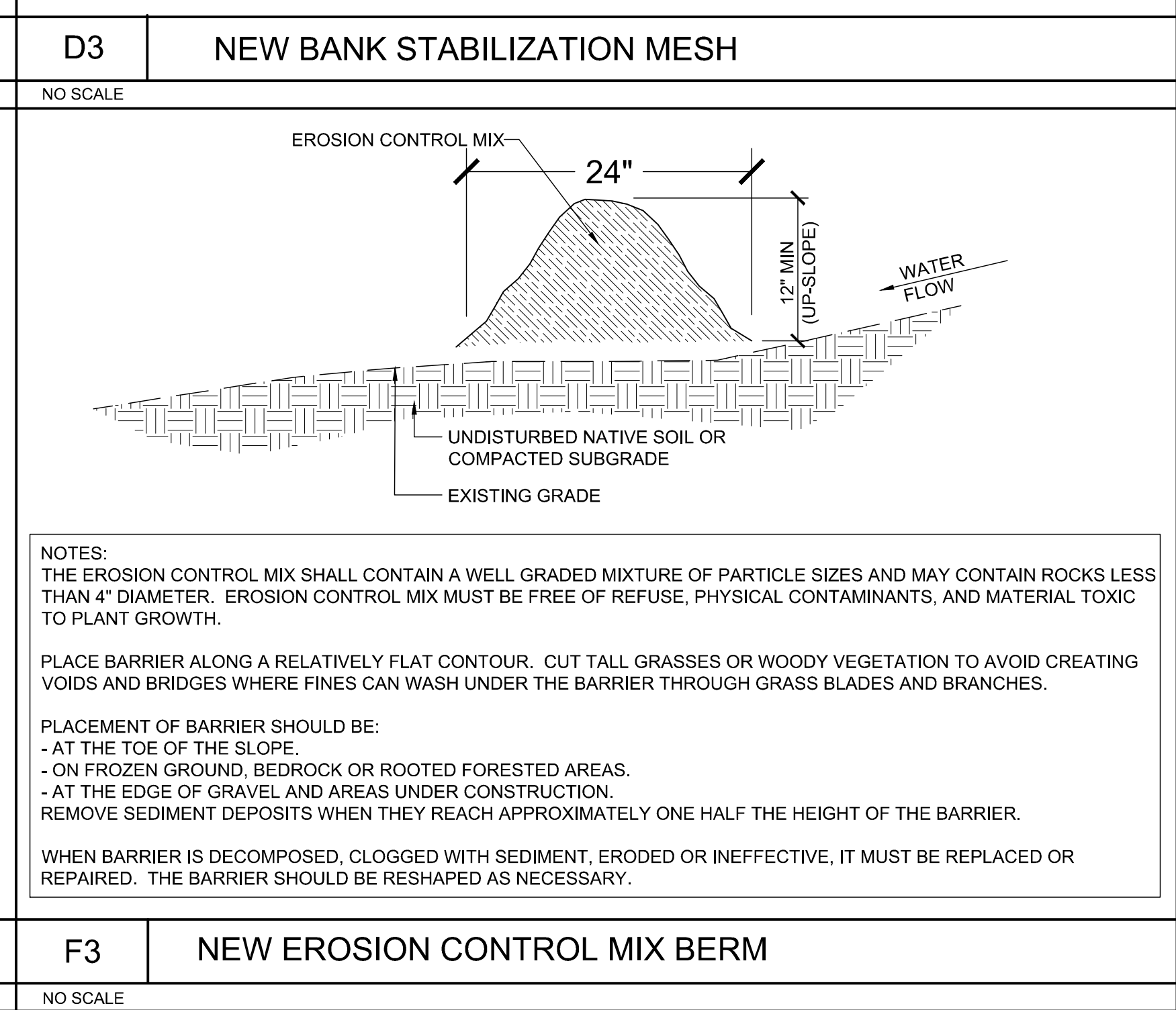
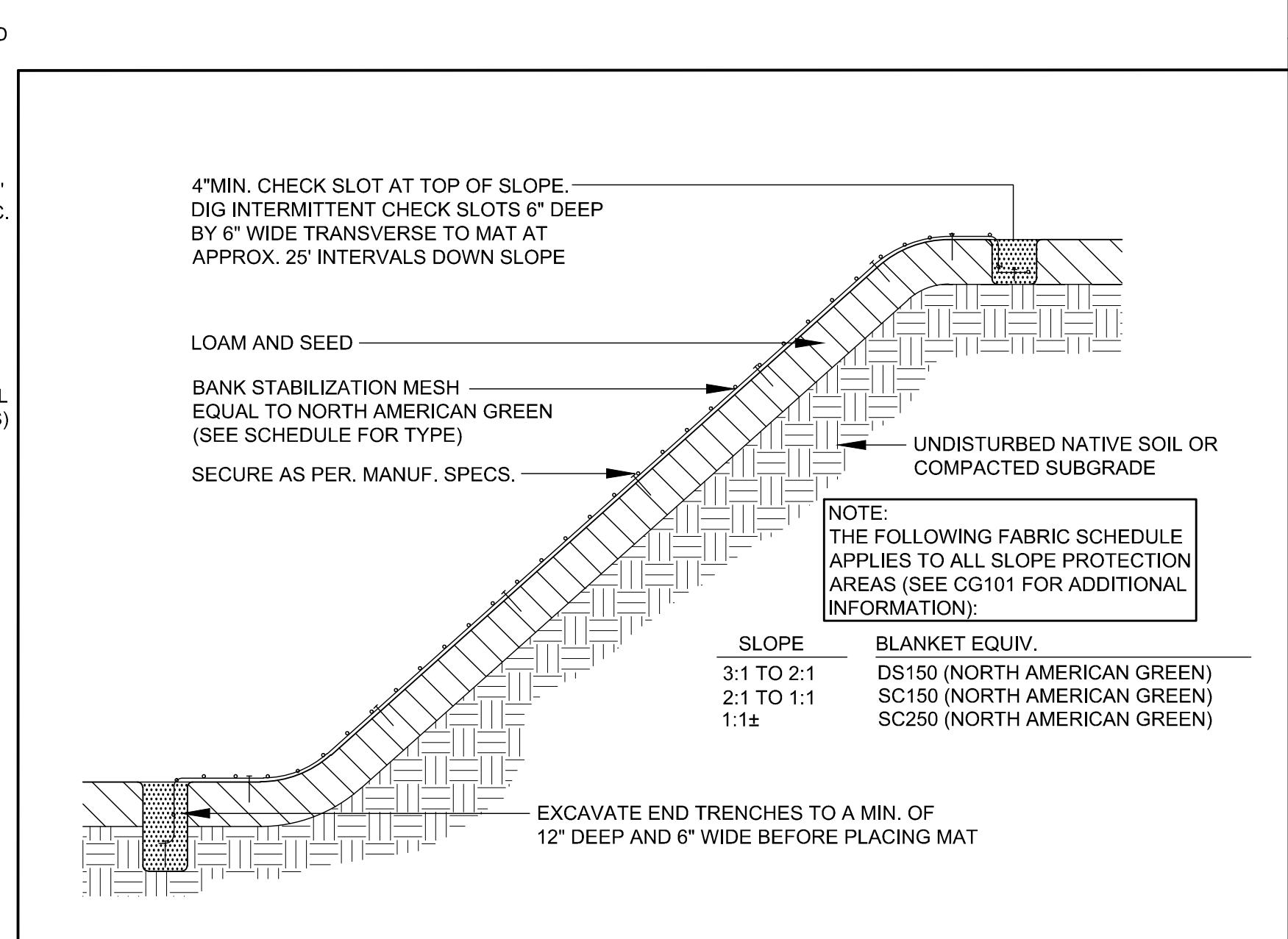
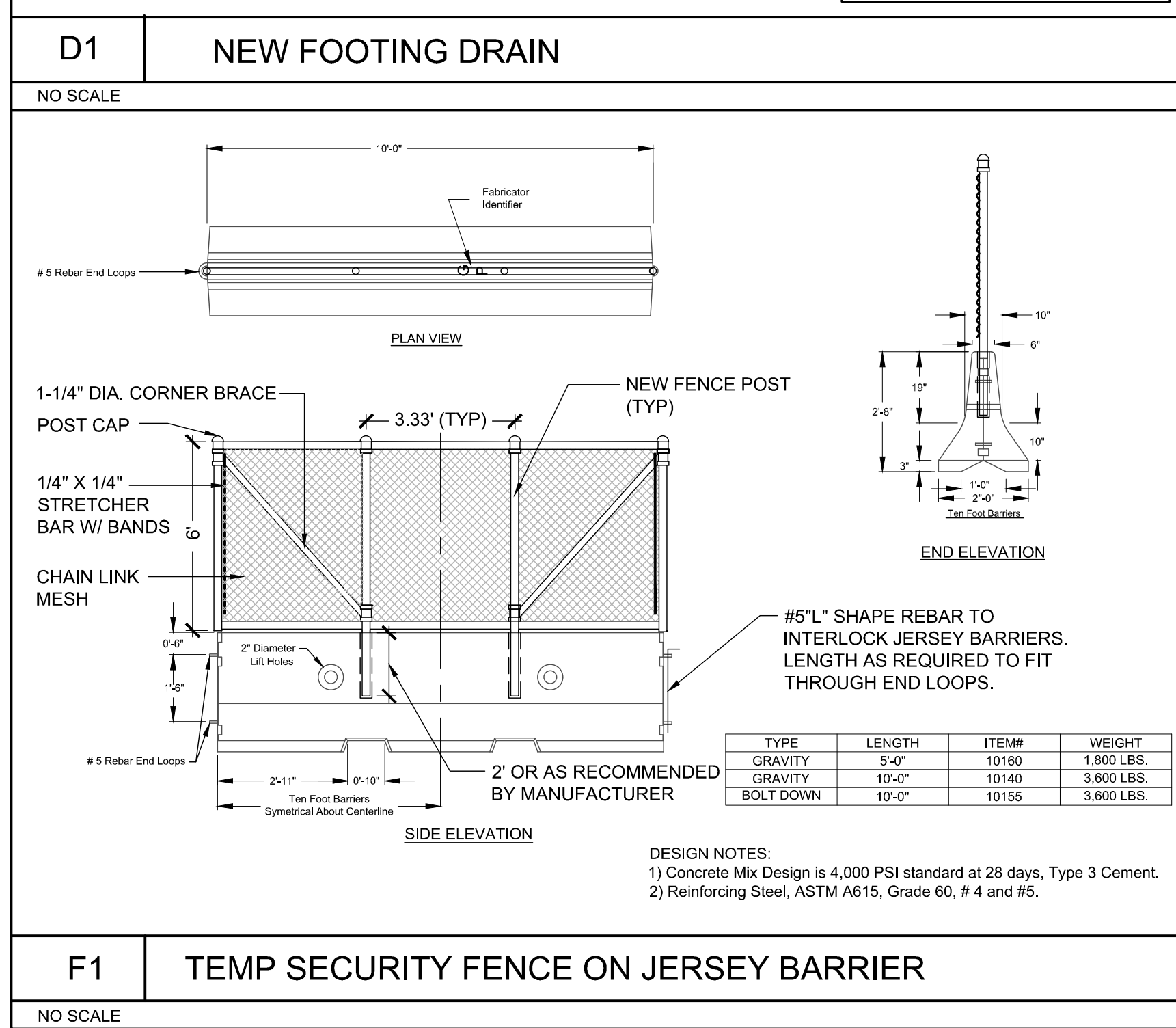
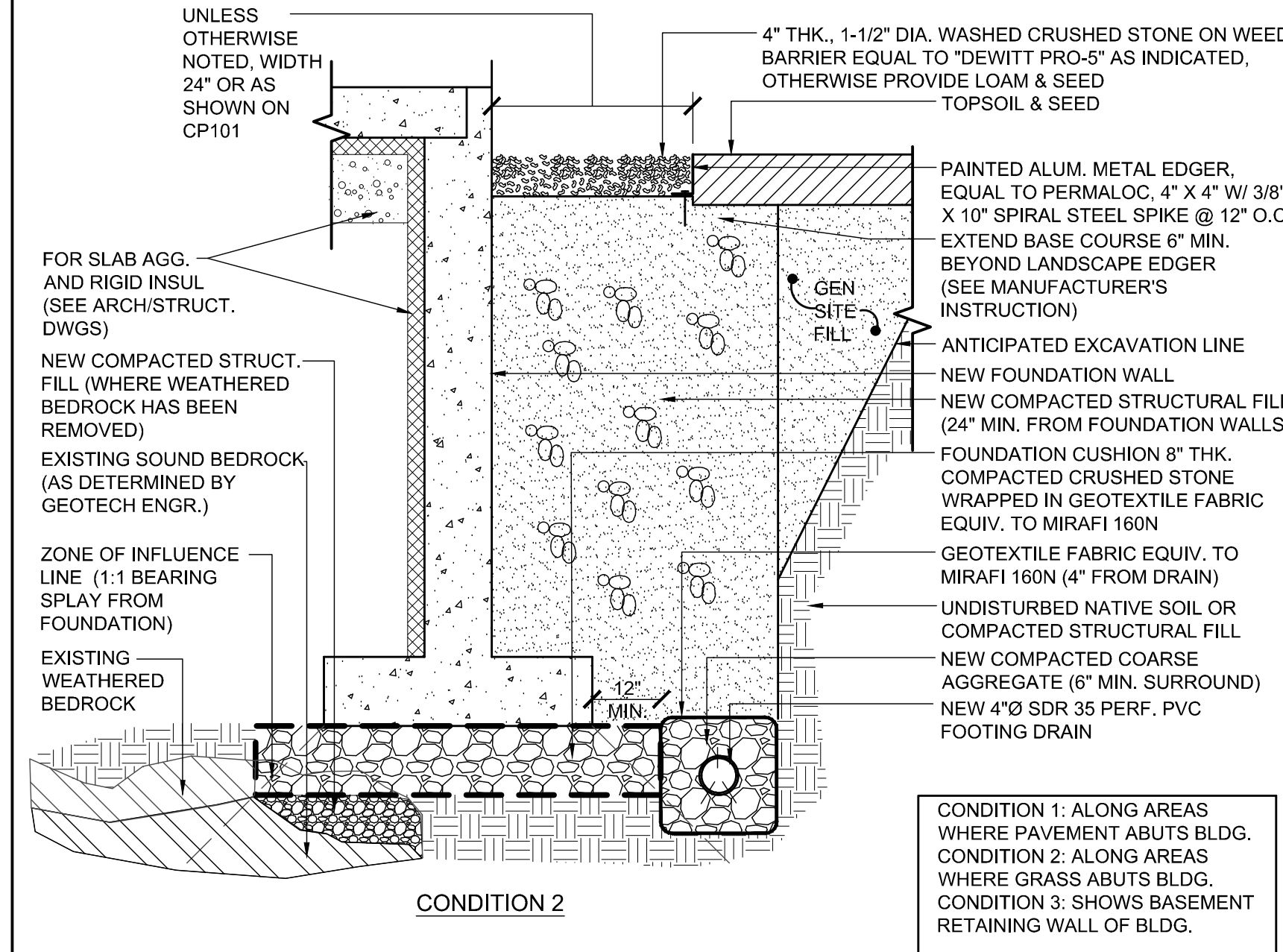
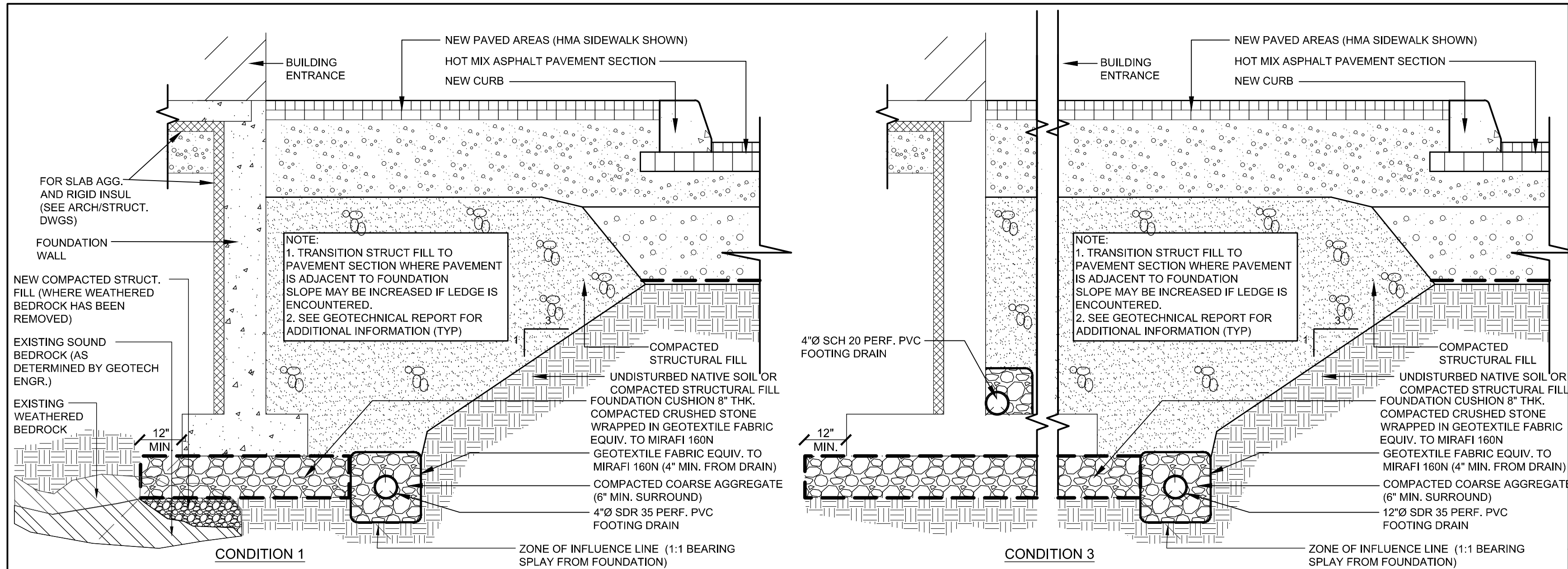
B

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Revisions:	Date:	CONSULTANT	ARCHITECT/ENGINEER OF RECORD	STAMP	Office of Construction and Facilities Management	Drawing Title	Phase	Project Title	Project Number		
						SITE DETAILS	CONSTRUCTION DOCUMENTS	NEW MENTAL HEALTH BUILDING - PHASE 2	650-347		
Approved: VA RI FACILITIES MANAGEMENT SERVICE						FULLY SPRINKLERED	Location	Issue Date	Checked	Drawn	Drawing Number
							830 CHALKSTONE AVE PROVIDENCE, RI 02908	04 FEB 2022	ARB	KRB	C503