

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	
G1001	COVER SHEET
G1002	SYMBOLS, ABBREVIATIONS AND GENERAL NOTES
G1003	FIRESTOP DETAILS
LIFE SAFETY DRAWINGS	
LS100	BASEMENT LIFE SAFETY PLAN
LS101	FIRST FLOOR LIFE SAFETY PLAN
LS102	SECOND FLOOR LIFE SAFETY PLAN
CIVIL DRAWINGS	
C001	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
C501	SITE DETAILS
C502	SITE DETAILS
C503	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
MECHANICAL DRAWINGS	
AE312	WALL SECTIONS
AE401	ENLARGED RESTROOM PLANS & INTERIOR ELEVATIONS
AE402	STAIR 3 PLANS & DETAILS
AE403	STAIR SECTIONS & DETAILS
AE501	PLAN DETAILS
AE502	PLAN DETAILS
AE510	SECTION DETAILS
AE511	SECTION DETAILS
AE512	SECTION DETAILS
AE513	PRECAST PROFILES
AE520	INTERIOR DETAILS
AE521	INTERIOR DETAILS
AE601	PARTITION TYPES AND DETAILS
AE602	EXTERIOR WALL TYPES AND DETAILS
AE603	ROOF TYPES AND DETAILS
AE604	DOOR TYPES, DETAILS AND SCHEDULE
AE605	DOOR DETAILS
AE606	CURTAIN WALL TYPES, WINDOW TYPES AND DETAILS
AE607	STOREFRONT DETAILS
AE608	CURTAIN WALL DETAILS
AF100	BASEMENT FINISH PLAN
AF101	FIRST FLOOR FINISH PLAN
AF102	SECOND FLOOR FINISH PLAN
AF103	BASEMENT SIGNAGE PLAN
AF104	FIRST FLOOR SIGNAGE PLAN
AF105	SECOND FLOOR SIGNAGE PLAN
AF600	FINISH SCHEDULE & DETAILS
AF700	BASEMENT EQUIPMENT PLAN
AF701	FIRST FLOOR EQUIPMENT PLAN
AF702	SECOND FLOOR EQUIPMENT PLAN
FIRE PROTECTION DRAWINGS	
FP001	FIRE PROTECTION LEGENDS, SYMBOLS, & NOTES
FP003	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
P401	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/DBA
TN102	LEVEL 1 PLAN - DATA/DBA
TN103	LEVEL 2 PLAN - DATA/DBA
TN104	ROOF LEVEL PLAN - DATA/DBA
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

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Revisions:	Revision Description	Date:

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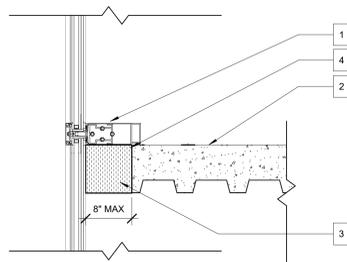


Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title: **COVER SHEET**
Approved: **VA RI FACILITIES MANAGEMENT SERVICE**

Phase: **100% CD SUBMISSION**
FULLY SPRINKLERED

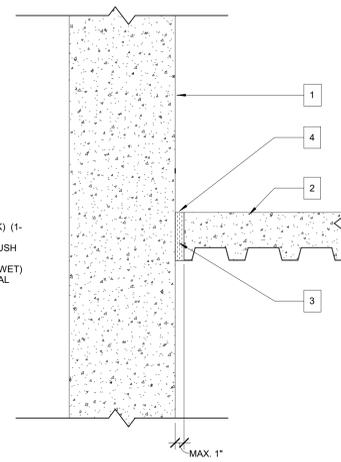
Project Title: **NEW MENTAL HEALTH BUILDING - PHASE 2**
Project Number: **650-347**
Building Number: **39**
Drawing Number: **G1001**
Location: **830 CHALKSTONE AVE PROVIDENCE, RI 02908**
Issue Date: **04 FEB 2022**
Checked: **JRB**
Drawn: **BRS**



FIRESTOPPING AT CURTAIN WALL ASSEMBLY
 NOTE: FIRESTOPPING DETAIL BASIS OF DESIGN IS HILTI FIRESTOP SYSTEMS 1-HR. OR 2-HR. ENGINEERING JUDGEMENT (REFERENCE: UL SYSTEM NO. CW-D-1001, DRAWING NO. 32023a). THIS INFORMATION IS PROVIDED FOR REFERENCE ONLY. IT DOES NOT EXCLUDE OTHER MANUFACTURERS WHICH MEET UL APPROVED FIRESTOPPING METHODS FOR THE 1-HR. OR 2-HR. SPECIFIED CONDITIONS.

1. EXTERIOR CURTAIN WALL ASSEMBLY (NON FIRE RATED).
2. CAST-IN-PLACE CONCRETE WITH 1 1/2" METAL DECK FLOOR ASSEMBLY (MINIMUM 5 1/2" THICK) (1-HR. OR 2-HR. FIRE RATING).
3. MINIMUM 4" THICKNESS MINERAL WOOL SAFING (MIN. 4 PCF DENSITY) COMPRESSED 33%, FLUSH WITH FLOOR SURFACES.
4. MINIMUM 1/8" (WET) THICKNESS HILTI CFS-SP WB FIRESTOP JOINT SPRAY OR MINIMUM 2MM (WET) THICKNESS HILTI CFS-SP SIL FIRESTOP SILICONE JOINT SPRAY TO COMPLETELY COVER MINERAL WOOL. OVERLAPPING MINIMUM 1/2" ONTO ADJACENT ASSEMBLIES.

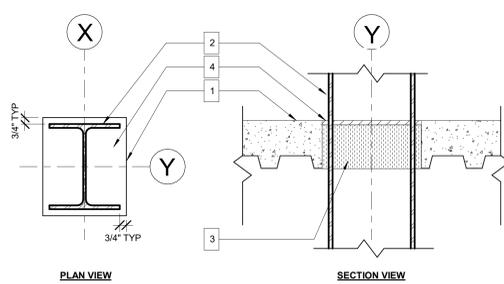
NOTES:
 - MAXIMUM WIDTH OF JOINT = 8"
 - THIS SYSTEM IS DESIGNED AS A COLD SMOKE SEAL ONLY



NOTE: SMOKE SEAL DETAIL BASIS OF DESIGN IS HILTI FIRESTOP SYSTEMS 1-HR. OR 2-HR. ENGINEERING JUDGEMENT (REFERENCE: UL SYSTEM NO. CW-D-1001, DRAWING NO. 32023a). THIS INFORMATION IS PROVIDED FOR REFERENCE ONLY. IT DOES NOT EXCLUDE OTHER MANUFACTURERS WHICH MEET UL APPROVED FIRESTOPPING METHODS FOR THE 1-HR. OR 2-HR. SPECIFIED CONDITIONS.

1. EXTERIOR CONCRETE PANEL CURTAIN WALL ASSEMBLY (NON FIRE RATED.)
2. CAST-IN-PLACE CONCRETE WITH 1 1/2" METAL DECK FLOOR ASSEMBLY (MINIMUM 5 1/2" THICK) (1-HR. OR 2-HR. FIRE RATING).
3. MINIMUM 4" THICKNESS MINERAL WOOL SAFING (MIN. 4 PCF DENSITY) COMPRESSED 33%, FLUSH WITH FLOOR SURFACES.
4. MINIMUM 1/8" (WET) THICKNESS HILTI CFS-SP WB FIRESTOP JOINT SPRAY OR MINIMUM 2MM (WET) THICKNESS HILTI CFS-SP SIL FIRESTOP SILICONE JOINT SPRAY TO COMPLETELY COVER MINERAL WOOL. OVERLAPPING MINIMUM 1/2" ONTO ADJACENT ASSEMBLIES.

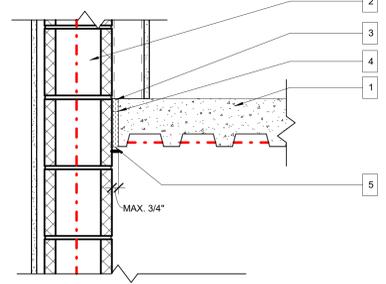
NOTES:
 - MAXIMUM WIDTH OF JOINT = 1"
 - FIRE-RATING OF ASSEMBLY IS DEPENDENT UPON THE PERFORMANCE OF CURTAIN WALL ASSEMBLY AND FLOOR ASSEMBLY UNDER FIRE CONDITIONS.



NOTE: SMOKE SEAL DETAIL BASIS OF DESIGN IS HILTI FIRESTOP SYSTEMS 1-HR. OR 2-HR. ENGINEERING JUDGEMENT (REFERENCE: UL SYSTEM NO. F-A-8012 & W-1710, DRAWING NO. 327513a). THIS INFORMATION IS PROVIDED FOR REFERENCE ONLY. IT DOES NOT EXCLUDE OTHER MANUFACTURERS WHICH MEET UL APPROVED FIRESTOPPING METHODS FOR THE 1-HR. OR 2-HR. SPECIFIED CONDITIONS.

1. CAST-IN-PLACE CONCRETE WITH 1 1/2" METAL DECK FLOOR ASSEMBLY (MINIMUM 5 1/2" THICK) (1-HR. OR 2-HR. FIRE RATING).
2. STEEL COLUMN (MAXIMUM SIZE: W10 x 68) (NON FIRE-RATED).
3. MINIMUM 4" THICKNESS MINERAL WOOL SAFING (MIN. 4 PCF DENSITY) TIGHTLY PACKED, RECESSED TO ACCOMMODATE SEALANT.
4. MINIMUM 1/2" DEPTH HILTI CFS-S SIL G G FIRESTOP SILICONE SEALANT.

NOTES:
 - MAXIMUM SIZE OF OPENING = 8" x 8"
 - ANNULAR SPACE = MINIMUM 0", MAXIMUM 1/2"
 - FIRE-RATING OF ASSEMBLY IS DEPENDENT UPON THE PERFORMANCE OF STEEL COLUMN AND FLOOR ASSEMBLY UNDER FIRE CONDITIONS.



NOTE: SMOKE SEAL DETAIL BASIS OF DESIGN IS HILTI FIRESTOP SYSTEMS 1-HR. OR 2-HR. ENGINEERING JUDGEMENT (REFERENCE: UL SYSTEM NO. F-A-8012 & W-1710, DRAWING NO. 327514a). THIS INFORMATION IS PROVIDED FOR REFERENCE ONLY. IT DOES NOT EXCLUDE OTHER MANUFACTURERS WHICH MEET UL APPROVED FIRESTOPPING METHODS FOR THE 1-HR. OR 2-HR. SPECIFIED CONDITIONS.

1. CAST-IN-PLACE CONCRETE WITH 1 1/2" METAL DECK FLOOR ASSEMBLY (MINIMUM 5 1/2" THICK) (1-HR. OR 2-HR. FIRE RATING).
2. CONCRETE BLOCK WALL ASSEMBLY (UL/GUL CLASSIFIED) (MINIMUM 8" THICK) (1-HR. OR 2-HR. FIRE-RATING)
3. MINIMUM 1" THICKNESS MINERAL WOOL SAFING (MIN. 4 PCF DENSITY) TIGHTLY PACKED AS A BACKER.
4. MINIMUM 1/4" DEPTH HILTI CFS-S SIL G G FIRESTOP SILICONE SEALANT.
5. MINIMUM 4" THICKNESS MINERAL WOOL FIRE SAFING (MIN. 4 PCF DENSITY) COMPRESSED 50%, FLUSH WITH BOTTOM OF FLOOR.

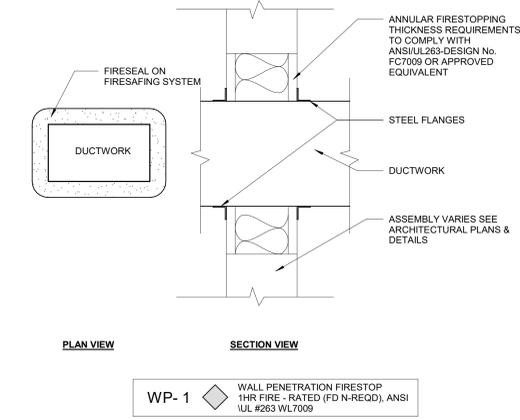
NOTES:
 - MAXIMUM WIDTH OF JOINT = 3/4"
 - FIRE-RATING OF ASSEMBLY IS DEPENDENT UPON THE PERFORMANCE OF STEEL COLUMN AND FLOOR ASSEMBLY UNDER FIRE CONDITIONS.

B4 TYPICAL SMOKE SEAL SECTION @ CONCRETE STEM WALL
 1 1/2" = 1'-0"

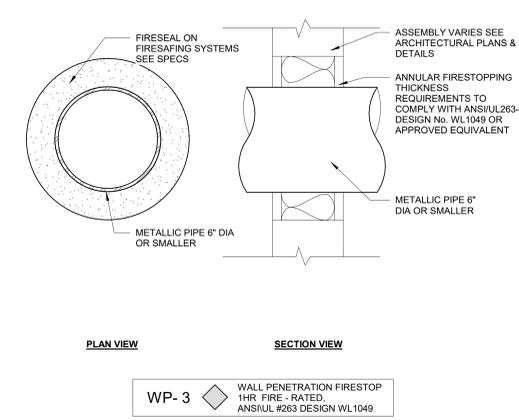
B7 TYPICAL SMOKE SEAL @ COLUMNS
 1 1/2" = 1'-0"

B9 TYPICAL SMOKE SEAL SECTION @ STAIR 3
 1 1/2" = 1'-0"

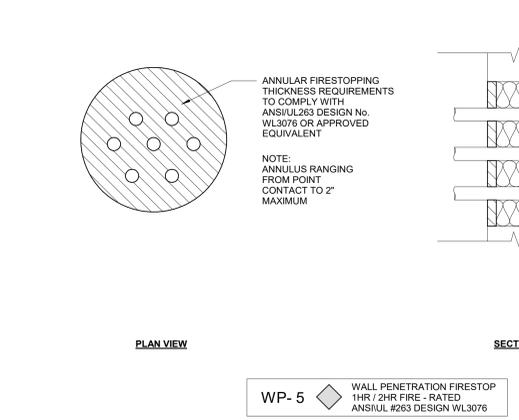
C1 TYPICAL SMOKE SEAL SECTION AT CURTAIN WALL SLAB EDGE
 1 1/2" = 1'-0"



WP- 1 WALL PENETRATION FIRESTOP 1HR FIRE - RATED (FD N-REQD), ANSUL #263 WL7009



WP- 3 WALL PENETRATION FIRESTOP 1HR FIRE - RATED, ANSUL #263 DESIGN WL1049

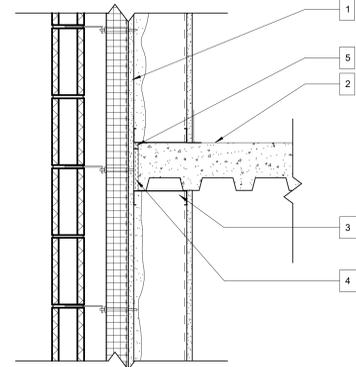


WP- 5 WALL PENETRATION FIRESTOP 1HR / 2HR FIRE - RATED ANSUL #263 DESIGN WL3076

D4 WP-1 WALL PENETRATION FIRESTOP
 1 1/2" = 1'-0"

D6 WP-3 WALL PENETRATION FIRESTOP
 1 1/2" = 1'-0"

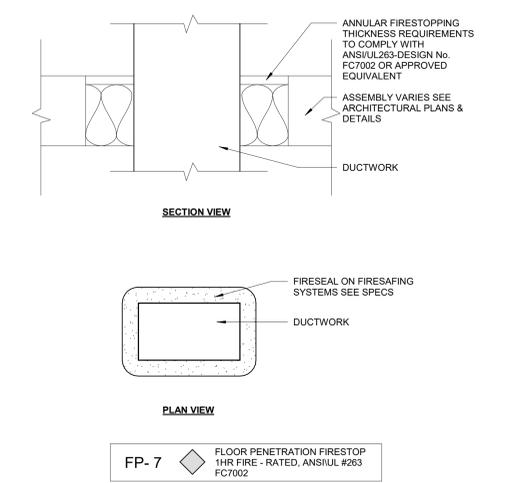
D8 WP-5 WALL PENETRATION FIRESTOP
 1 1/2" = 1'-0"



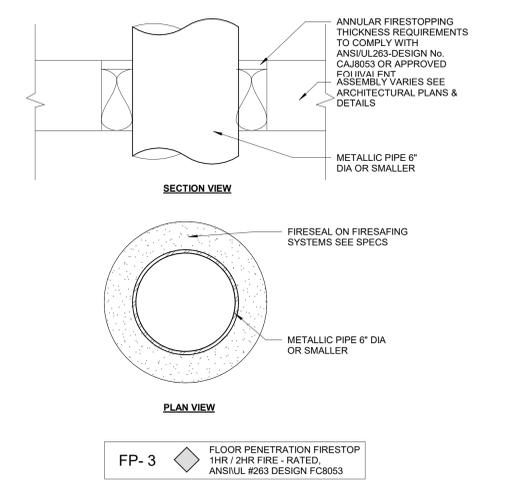
SMOKE SEAL AT FLOOR ASSEMBLY
 NOTE: SMOKE SEAL DETAIL BASIS OF DESIGN IS HILTI FIRESTOP SYSTEMS 1-HR. OR 2-HR. ENGINEERING JUDGEMENT (REFERENCE: UL SYSTEM NO. CW-D-1001, DRAWING NO. 32023a). THIS INFORMATION IS PROVIDED FOR REFERENCE ONLY. IT DOES NOT EXCLUDE OTHER MANUFACTURERS WHICH MEET UL APPROVED FIRESTOPPING METHODS FOR THE 1-HR. OR 2-HR. SPECIFIED CONDITIONS.

1. EXTERIOR GYP. WITH STEEL STUD FRAMING WALL ASSEMBLY (NON FIRE RATED).
2. CAST-IN-PLACE CONCRETE WITH 1 1/2" METAL DECK FLOOR ASSEMBLY (MINIMUM 5 1/2" THICK) (1-HR. OR 2-HR. FIRE RATING).
3. STEEL DEFLECTION CLIP.
4. MINIMUM 4" THICKNESS MINERAL WOOL SAFING (MIN. 4 PCF DENSITY) COMPRESSED 33%, FLUSH WITH FLOOR SURFACES.
5. MINIMUM 1/8" (WET) THICKNESS HILTI CFS-SP WB FIRESTOP JOINT SPRAY OR MINIMUM 2MM (WET) THICKNESS HILTI CFS-SP SIL FIRESTOP SILICONE JOINT SPRAY TO COMPLETELY COVER MINERAL WOOL. OVERLAPPING MINIMUM 1/2" ONTO ADJACENT ASSEMBLIES.

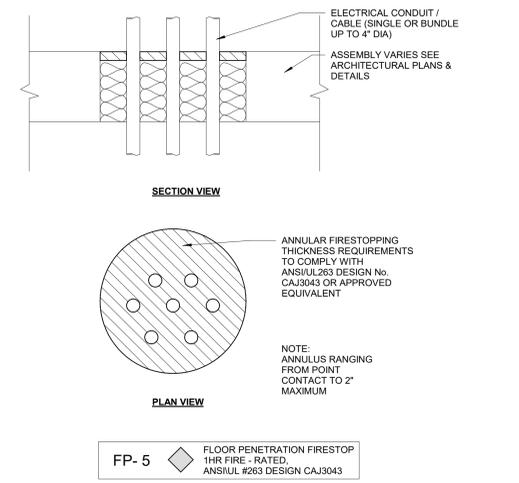
NOTES:
 - MAXIMUM WIDTH OF JOINT = 3/4"



FP- 7 FLOOR PENETRATION FIRESTOP 1HR FIRE - RATED, ANSUL #263 FC7002



FP- 3 FLOOR PENETRATION FIRESTOP 1HR / 2HR FIRE - RATED, ANSUL #263 DESIGN FC8053



FP- 5 FLOOR PENETRATION FIRESTOP 1HR FIRE - RATED, ANSUL #263 DESIGN CAJ3043

F4 FP-7 FLOOR PENETRATION FIRESTOP
 1 1/2" = 1'-0"

F6 FP-3 FLOOR PENETRATION FIRESTOP
 1 1/2" = 1'-0"

F8 FP-5 FLOOR PENETRATION FIRESTOP
 1 1/2" = 1'-0"

F1 TYPICAL SMOKE SEAL SECTION AT SLAB EDGE
 1 1/2" = 1'-0"

Revisions:	Revision Description	Date:

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title
FIRESTOP DETAILS

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
JRB

Drawn
BRS

Project Number
650-347

Building Number
39

Drawing Number
G1003

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- LEGEND:**
- XX'-X" COMMON PATH OF TRAVEL
 - XX'-X" TOTAL TRAVEL DISTANCE
 - SCOPE OF WORK LINE
 - F.E. FIRE EXTINGUISHER (MAX. 75' APART)
 - 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 (VAFDPM)
- 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

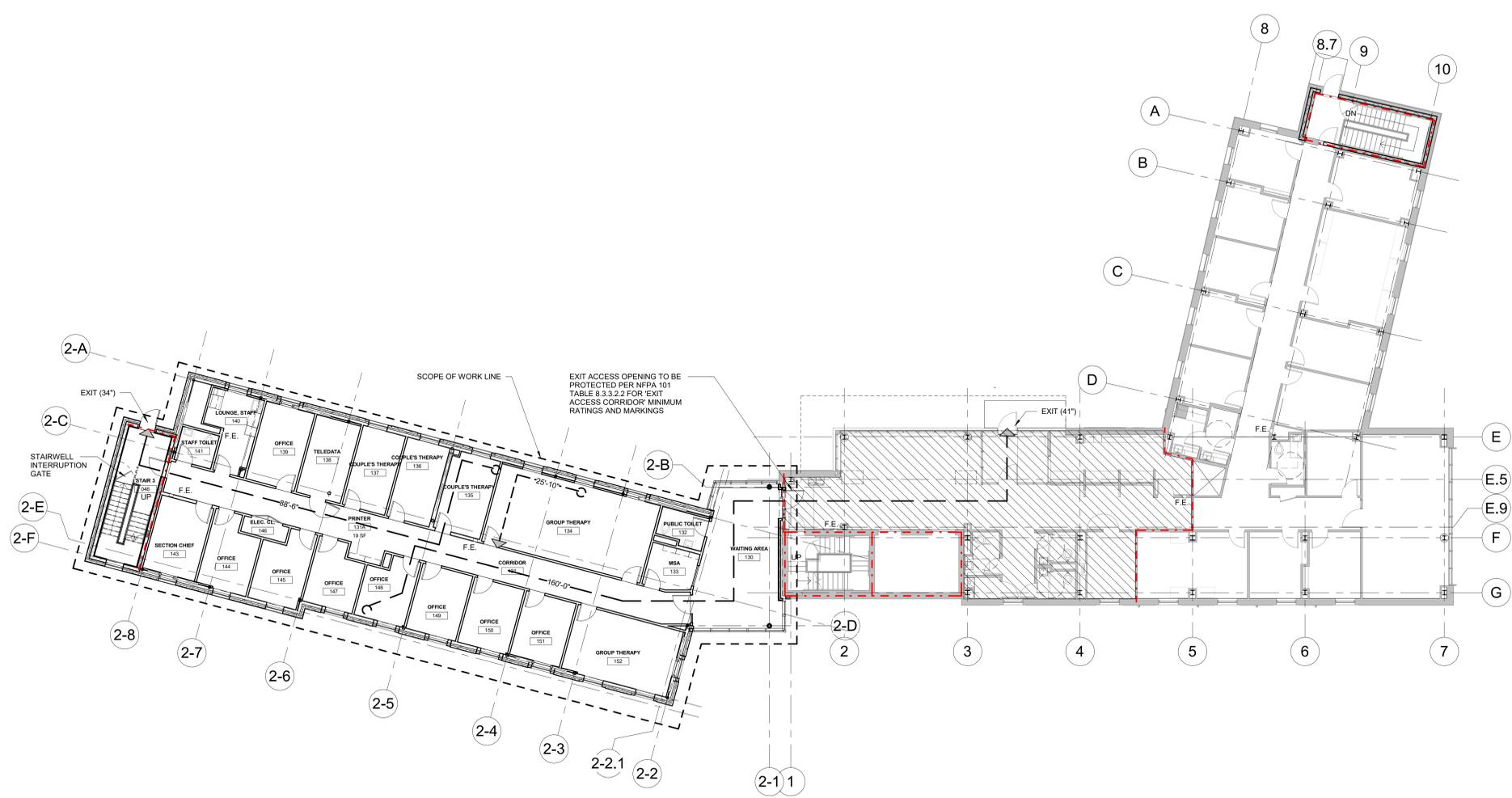
ALLOWABLE TRAVEL DISTANCES				
OCCUPANCY	MAXIMUM COMMON PATH (ft)	MAXIMUM TRAVEL DISTANCE (ft)	MAXIMUM DEAD-END (ft)	MINIMUM CORRIDOR WIDTH
BUSINESS (B)	ALLOWED: 100' PROVIDED: 33'	ALLOWED: 300' PROVIDED: 152'-6"	ALLOWED: 50' PROVIDED: 7.5'	ALLOWED: 44' PROVIDED: 72"

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"	

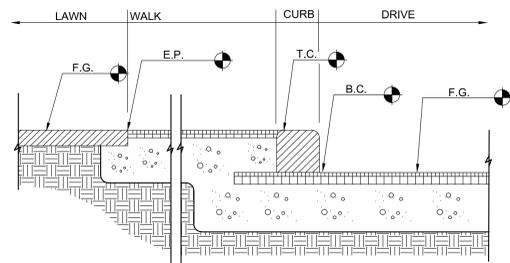
ALLOWED EGRESS CAPACITY			
FLOOR	EGRESS CAPACITY		
BASEMENT	STAIR 1 DOOR - 34' / 0.2 = 170 PERSONS STAIR - 44' / 0.3 = 146 PERSONS	STAIR 2 DOOR - 34' / 0.2 = 170 PERSONS STAIR - 44' / 0.3 = 146 PERSONS	STAIR 3 DOOR - 34' / 0.2 = 170 PERSONS STAIR - 44' / 0.3 = 146 PERSONS
	TOTAL = 438		
LEVEL 1	MAIN ENTRANCE DOOR - 41' / 0.2 = 205 PERSONS	STAIR 2 DOOR - 34' / 0.2 = 170 PERSONS	STAIR 3 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



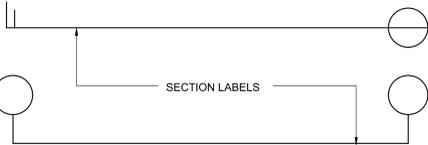
<p>F1 FIRST FLOOR LIFE SAFETY PLAN</p> <p>3/32" = 1'-0"</p>		<p>CONSULTANT</p>	<p>ARCHITECT/ENGINEER OF RECORD</p> <p>WBRC ARCHITECTS • ENGINEERS</p> <p>WWW.WBRCAE.COM BANGOR, MAINE 207-947-4511 PORTLAND, MAINE 207-638-4511 SARASOTA, FLORIDA 941-556-0757</p>	<p>Office of Construction and Facilities Management</p> <p>VA U.S. Department of Veterans Affairs</p>	<p>Drawing Title: FIRST FLOOR LIFE SAFETY PLAN</p> <p>Phase: 100% CD SUBMISSION</p> <p>Approved: VA RI FACILITIES MANAGEMENT SERVICE</p>	<p>Project Title: NEW MENTAL HEALTH BUILDING - PHASE 2</p> <p>Location: 830 CHALKSTONE AVE PROVIDENCE, RI 02908</p> <p>Issue Date: 04 FEB 2022</p> <p>Checked: [] Checker: []</p> <p>Drawn: MB</p>	<p>Project Number: 650-347</p> <p>Building Number: 39</p> <p>Drawing Number: LS101</p>				
<p>Revisions:</p> <table border="1"> <thead> <tr> <th>Revision Description</th> <th>Date</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> </tr> </tbody> </table>		Revision Description	Date			<p>VA FORM 08 - 6231</p>					
Revision Description	Date										



SPOT ELEVATION REFERENCE INDEX

SYMBOLS

	BITUMINOUS PAVEMENT SECTION
	TOPSOIL, LOAM AND SEED, SOD
	GRANULAR FILL MATERIAL
	COARSE AGGREGATE
	UNDISTURBED NATIVE SOIL
	CONCRETE SECTION
	GENERAL FILL MATERIAL
	SAND OR STONE DUST
	RIGID INSULATION
	STEEL, CAST IRON



REMOVALS NOTES

- R1 THE CONTRACTOR SHALL CONFIRM THE LOCATION OF ALL UTILITIES AND SHALL NOTIFY THE ARCHITECT OF UTILITIES DEVIATING FROM THOSE SHOWN ON THE DRAWINGS.
- R2 THE CONTRACTOR SHALL MEET THE REQUIREMENTS OF THE UTILITY COMPANIES WHEN INSTALLING WORK ON OR NEAR THEIR POLES.
- R3 REMOVE ALL EXISTING PAVEMENT MARKINGS THAT CONFLICT WITH PROPOSED MARKINGS.
- R4 ALL DEMOLITION DEBRIS AND REMOVALS SHALL BE DISPOSED OFFSITE AND IN CONFORMANCE WITH LOCAL AND STATE ORDINANCES.
- R5 TREE CANOPY AS SHOWN ON PLANS ARE APPROXIMATE AND SHOULD BE FIELD VERIFIED BY THE CONTRACTOR.

LAYOUT NOTES

- L1 THE CONTRACTOR SHALL NOTIFY THE OWNER/ARCHITECT OF CONDITIONS VARYING FROM THOSE SHOWN ON THE DRAWING SHEET PRIOR TO CONTINUING WORK.
- L2 THE CONTRACTOR SHALL EMPLOY A REGISTERED LAND SURVEYOR IN THE LAYOUT OF BUILDING, DRIVES AND SITE ELEMENTS AS WELL AS PROVIDING ELEVATION CONTROL.
- L3 THE CONTRACTOR SHALL VERIFY AND CLEARLY MARK LOCATION OF ALL PROPERTY LINES PRIOR TO COMMENCING WORK.

GRADING NOTES

- G1 TOPOGRAPHIC INFORMATION BASED ON A BASE PLAN PROVIDED BY THE US DEPT. OF VETERANS AFFAIRS
- G2 BOUNDARY INFORMATION SHOWN IS APPROXIMATE & IS BASED ON A BASE PLAN PROVIDED BY THE US DEPT. OF VETERANS AFFAIRS. A BOUNDARY SURVEY WAS NOT PERFORMED AS PART OF THIS PROJECT.
- G3 ALL ELEVATIONS SHOWN HEREIN ARE BASED ON A BASE PLAN PROVIDED BY THE US DEPT. OF VETERANS AFFAIRS.
- G4 ALL TOPSOIL AND ORGANICS SHALL BE REMOVED FROM PAVEMENT AND BUILDING AREAS PRIOR TO CONSTRUCTION. THIS MATERIAL SHALL NOT BE USED AS GENERAL SITE FILL.
- G5 FINISH GRADES ONE FOOT FROM BUILDING SHALL BE 9" BELOW FINISH FLOOR UNLESS OTHERWISE NOTED.
- G6 FINISH GRADES OF SIDEWALKS AT BUILDING ENTRANCES SHALL BE FLUSH WITH FINISH FLOOR UNLESS OTHERWISE NOTED.
- G7 TEST PIT LOCATIONS ARE APPROXIMATE REFER TO S.W. COLE INC. GEOTECHNICAL REPORT.
- G8 ALL DISTURBED AREAS NOT RECEIVING PAVEMENT, BUILDING, STONE DUST, COURSE AGGREGATE, ETC. SHALL RECEIVE 6" OF LOAM AND SEED UNLESS OTHERWISE NOTED.

UTILITY NOTES

- U1 ALL UNDERGROUND SECONDARY SHALL BE RUN IN SCH. 40 CONDUIT UNLESS SPECIFIED OTHERWISE.
- U2 ALL CABLE TELEVISION / TELEPHONE LINES SHALL BE RUN IN SCH. 40 P.V.C. CONDUIT.
- U3 PROVIDE PULL WIRE IN ALL UNDERGROUND CONDUITS.
- U4 MAINTAIN 2'-6" COVER OVER CABLE TELEVISION/TELEPHONE.
- U5 WHERE NEW WATER AND SEWER RUN SIDE BY SIDE, MAINTAIN A TEN FOOT (10') HORIZONTAL SEPARATION, WHERE THEY CROSS, MAINTAIN AN EIGHTEEN INCH (1 1/2") VERTICAL SEPARATION, WITH WATERLINE ABOVE SEWER, IF WITHIN 18" MIN. VERTICAL SEPARATION, OR IF WATER FALLS BELOW SEWER, ENCASE WATERLINE 10" EITHER SIDE OF SEWER CROSSING IN CONC. 3,000 PSI MIN.
- U6 SEWER SERVICE, WHEN ENTERING THE BUILDING, SHALL BE 6" - 8" BELOW FINISH FLOOR, UNLESS NOTED OTHERWISE.
- U7 MAINTAIN A 5'-0" MINIMUM COVER OVER WATER LINE.

- U1 THE LOCATION OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK AND BE RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.
- U2 THE CONTRACTOR SHALL BE RESPONSIBLE FOR TRENCHING AND BACKFILLING OF ALL CONDUIT. CONDUIT AND WIRING SHALL BE SUPPLIED AND INSTALLED BY ELECTRICAL CONTRACTOR.
- U3 PRIOR TO ANY EARTHWORK ACTIVITIES, THE CONTRACTOR SHALL CONTACT CONTROLLING UTILITY CO. OR CALL "DIGSAFE" AT 1-800-225-4877, AT TIMES A PRIVATE UTILITY COMPANY MAY NEED TO BE USED. ANY UTILITIES ENCOUNTERED THAT ARE TO REMAIN IN PLACE OR BE REINFORCED SHALL BE REINFORCED AND TERMINATED IN ACCORDANCE WITH THE CONTROLLING UTILITY CO. AND NATIONALLY OR LOCALLY APPLICABLE CODES AND ORDINANCES.
- U4 NO UTILITY TRENCH SHALL BE BACKFILLED UNTIL WORK HAS BEEN INSPECTED AND APPROVED BY PROJECT ENGINEER AND CONTROLLING UTILITY CO. OR DISTRICT
- U5 ALL SANITARY SEWER LINE TO BE SDR 35 PVC MEETING ALL PERFORMANCE CHARACTERISTICS OF ASTM D2084, ALL PIPES AND FITTINGS SHALL HAVE PUSH-ON JOINTS WITH RUBBER GASKETS CONFORMING TO ASTM D1888 AND F47.
- U6 ALL NEW WATER SERVICE LINE SHALL BE TYPE K COPPER MEETING ALL PERFORMANCE CHARACTERISTICS OF ASTM B-88-92 FOR TYPE K COPPER. ALL FITTINGS SHALL BE COMPRESSION TYPE.
- U7 ALL NEW WATER SPRINKLER SERVICE SHALL BE CLASS 50 DUCTILE IRON MEETING ALL PERFORMANCE CHARACTERISTICS OF THE LATEST VERSION OF ASTM AND AWWA.
- U8 THE FOLLOWING UTILITY COMPANIES ARE LOCATED WITHIN THE PROJECT SITE:
WATER - CITY OF PROVIDENCE WATER DIVISION
SEWER - CITY OF PROVIDENCE SEWER DIVISION
STORM - CITY OF PROVIDENCE STORMWATER MANAGEMENT DIVISION
GAS - NATIONAL GRID
ELECT. - NATIONAL GRID

EROSION AND SEDIMENTATION CONTROL PLAN

ALL EROSION AND SEDIMENTATION CONTROL MEASURES ARE DESIGNED ACCORDING TO THE RHODE ISLAND STATE CONSOLE SOIL EROSION AND SEDIMENT CONTROL HANDBOOK. SEDIMENT CONTROL MEASURES MUST BE IN PLACE BEFORE ACTIVITY BEGINS. MEASURES MUST REMAIN IN PLACE AND FUNCTIONAL UNTIL THE SITE IS PERMANENTLY STABILIZED.

1. POLLUTION PREVENTION, MINIMIZE DISTURBED AREAS AND PROTECT NATURAL DOWN-GRADIENT BUFFER AREAS TO THE EXTENT PRACTICABLE. THE DISCHARGE MAY NOT RESULT IN EROSION OF OPEN DRAINAGE CHANNELS, SWALES, UPLAND, OR COASTAL OR FRESHWATER WETLANDS. MINIMIZE DISTURBED AREAS THROUGH PHASING. IF WORK WITHIN AN AREA IS NOT ANTICIPATED TO BEGIN WITHIN TWO WEEKS TIME, LEAVE THE AREA IN ITS NATURALLY EXISTING COVER IF PRACTICABLE.
2. SEDIMENT BARRIERS, PRIOR TO CONSTRUCTION, PROPERLY INSTALL SEDIMENT BARRIERS AT THE EDGE OF ANY DOWN-GRADIENT DISTURBED AREA AND ADJACENT TO ANY DRAINAGE CHANNELS WITHIN THE DISTURBED AREA. MAINTAIN THE SEDIMENT BARRIERS UNTIL THE DISTURBED AREA IS PERMANENTLY STABILIZED.
3. TEMPORARY STABILIZATION, STABILIZE WITH MULCH OR OTHER NON-ERODIBLE COVER ANY EXPOSED SOILS THAT WILL NOT BE WORKED FOR MORE THAN 7 DAYS. STABILIZE AREAS WITHIN 75 FEET OF A WETLAND OR HEREBODY WITHIN 48 HOURS OF THE INITIAL DISTURBANCE OF THE SOIL OR PRIOR TO ANY STORM EVENT, WHICHEVER COMES FIRST.
4. REMOVAL OF TEMPORARY SEDIMENT CONTROL MEASURES, REMOVE ANY TEMPORARY SEDIMENT CONTROL MEASURES, SUCH AS SILT FENCE, WITHIN 30 DAYS AFTER PERMANENT STABILIZATION IS ATTAINED. REMOVE UNSTABILIZED SEDIMENTS AND STABILIZE. REMOVE SILT FENCE BY CUTTING THE FENCE MATERIALS AT GROUND LEVEL TO AVOID ADDITIONAL SOIL DISTURBANCE.
5. PERMANENT STABILIZATION, PERMANENTLY STABILIZE ALL DISTURBED AREAS THAT WILL NOT BE WORKED FOR MORE THAN ONE YEAR OR THAT HAVE BEEN BROUGHT TO FINAL GRADE BY PLANTING VEGETATION, SEEDING, SOD, OR THROUGH THE USE OF PERMANENT MULCH, OR RIPRAP, OR ROAD SUB-BASE. IF USING VEGETATION FOR STABILIZATION, SELECT THE PROPER VEGETATION FOR THE LIGHT, SOIL AND MOISTURE CONDITIONS; AMEND AREAS OF DISTURBED SUBSOILS WITH TOPSOIL, COMPOST, OR FERTILIZERS; PROTECT SEEDING AREAS WITH MULCH OR, IF NECESSARY, EROSION CONTROL BLANKETS, AND SCHEDULE SODDING, PLANTING, AND SEEDING TO AVOID DIE-OFF FROM SUMMER DROUGHT AND FALL FROSTS. NEWLY SEEDING OR SODDING AREAS MUST BE PROTECTED FROM VEHICLE TRAFFIC, EXCESSIVE PEDESTRIAN TRAFFIC, AND CONCENTRATED RUNOFF UNTIL THE VEGETATION IS WELL-ESTABLISHED. IF NECESSARY, AREAS MUST BE SEEDING AND MULCHED AGAIN IF GERMINATION IS SPARSE. PLANT COVERAGE IS SPOTTY, OR TOPSOIL, EROSION IS EVIDENT, ONE OR MORE OF THE FOLLOWING MAY APPLY TO A PARTICULAR SITE.
 - (A) SEEDING AREAS, FOR SEEDING AREAS, PERMANENT STABILIZATION MEANS A 90% COVER OF HEALTHY PLANTS WITH NO EVIDENCE OF WASHING OR RILLING OF THE TOPSOIL.
 - (B) SODDING AREAS, FOR SODDING AREAS, PERMANENT STABILIZATION MEANS THE COMPLETE BINDING OF THE SOO ROOTS INTO THE UNDERLYING SOIL WITH NO SLUMPING OF THE SOO OR DIE-OFF.
 - (C) PERMANENT MULCH, FOR MULCHED AREAS, PERMANENT MULCHING MEANS TOTAL COVERAGE OF THE EXPOSED AREA WITH AN APPROVED MULCH MATERIAL. EROSION CONTROL MX MAY BE USED AS MULCH FOR PERMANENT STABILIZATION ACCORDING TO THE APPROVED APPLICATION RATES AND LIMITATIONS.
 - (D) RIPRAP, FOR AREAS STABILIZED WITH RIPRAP, PERMANENT STABILIZATION MEANS THAT SLOPES STABILIZED WITH RIPRAP HAVE AN APPROPRIATE BACKING OF A WELL-GRADED GRAVEL, OR APPROVED GEOTEXTILE TO PREVENT SOIL MOVEMENT FROM BEHIND THE RIPRAP. STONE MUST BE SIZED APPROPRIATELY. IT IS RECOMMENDED THAT ANGULAR STONE BE USED.
 - (E) AGRICULTURAL USE, FOR CONSTRUCTION PROJECTS ON LAND USED FOR AGRICULTURAL PURPOSES (E.G., PIPELINES ACROSS CROP LAND), PERMANENT STABILIZATION MAY BE ACCOMPLISHED BY RETURNING THE DISTURBED LAND TO AGRICULTURAL USE.
 - (F) PAVED AREAS, FOR PAVED AREAS, PERMANENT STABILIZATION MEANS THE PLACEMENT OF THE COMPACTED GRAVEL SUBBASE IS COMPLETED.
 - (G) DITCHES, CHANNELS, AND SWALES, FOR OPEN CHANNELS, PERMANENT STABILIZATION MEANS THE CHANNEL IS STABILIZED WITH A 90% COVER OF HEALTHY VEGETATION, WITH A WELL-GRADED RIPRAP LINING, OR WITH ANOTHER NON-EROSIVE LINING SUCH AS CONCRETE OR ASPHALT PAVEMENT. THERE MUST BE NO EVIDENCE OF SLUMPING OF THE CHANNEL LINING, UNDERCUTTING OF THE CHANNEL BANKS, OR DOWN-CUTTING OF THE CHANNEL.

6. WINTER CONSTRUCTION, "WINTER CONSTRUCTION" IS CONSTRUCTION ACTIVITY PERFORMED DURING THE PERIOD FROM NOVEMBER 1 THROUGH APRIL 15. IF DISTURBED AREAS ARE NOT STABILIZED WITH PERMANENT MEASURES BY NOVEMBER 1 OR NEW SOIL DISTURBANCE OCCURS AFTER NOVEMBER 1, BUT BEFORE APRIL 15, THEN THESE AREAS MUST BE PROTECTED AND RUNOFF FROM THEM MUST BE CONTROLLED BY ADDITIONAL MEASURES AND RESTRICTIONS.
7. CULVERTS, CULVERT INLETS MUST BE PROTECTED WITH APPROPRIATE MATERIALS AND PROTECTION MUST EXTEND AT LEAST AS HIGH AS THE EXPECTED MAXIMUM ELEVATION OF STORAGE BEHIND THE CULVERT. CULVERT OUTLETS MUST INCORPORATE MEASURES, SUCH AS APRONS OR PLUNGE POOLS, TO PREVENT SCOUR OF THE STREAM CHANNEL.
8. PARKING AREAS, PARKING AREAS MUST BE CONSTRUCTED TO ENSURE RUNOFF IS DELIVERED TO ADJACENT SWALES, CATCH BASINS, CURB CUTTERS, OR BUFFER AREAS WITHOUT ERODING AREAS DOWN-SLOPE. THE PARKING AREA'S SUBBASE COMPACTION AND GRADING MUST BE DONE TO ENSURE RUNOFF IS EVENLY DISTRIBUTED TO ADJACENT BUFFERS OR SIDE SLOPES. CATCH BASINS MUST BE LOCATED AND SET TO PROVIDE ENOUGH STORAGE DEPTH AT THE INLET TO ALLOW INFLOW OF PEAK RUNOFF RATES WITHOUT BY-PASS OF RUNOFF TO OTHER AREAS.

INSPECTION AND MAINTENANCE PLAN

1. DURING CONSTRUCTION, THE FOLLOWING STANDARDS MUST BE MET DURING CONSTRUCTION:
 - (A) INSPECTION AND CORRECTIVE ACTION, INSPECT DISTURBED AND IMPERVIOUS AREAS, EROSION CONTROL MEASURES, MATERIALS STORAGE AREAS THAT ARE EXPOSED TO PRECIPITATION, AND LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE. INSPECT THESE AREAS AT LEAST ONCE A WEEK AS WELL AS BEFORE AND AFTER A STORM EVENT, AND PRIOR TO COMPLETING PERMANENT STABILIZATION MEASURES. A PERSON WITH KNOWLEDGE OF EROSION AND STORMWATER CONTROL, INCLUDING THE STANDARDS AND CONDITIONS IN THE PERMIT, SHALL CONDUCT THE INSPECTIONS.
 - (B) MAINTENANCE, MAINTAIN ALL MEASURES IN EFFECTIVE OPERATING CONDITION UNTIL AREAS ARE PERMANENTLY STABILIZED. IF BEST MANAGEMENT PRACTICES (BMPs) NEED TO BE MAINTAINED OR MODIFIED, ADDITIONAL BMPs ARE NECESSARY, OR OTHER CORRECTIVE ACTION IS NEEDED, IMPLEMENTATION MUST BE COMPLETED WITHIN 7 CALENDAR DAYS AND PRIOR TO ANY STORM EVENT (RAINFALL).
 - (C) DOCUMENTATION, KEEP A LOG (REPORT) SUMMARIZING THE INSPECTIONS AND ANY CORRECTIVE ACTION TAKEN. THE LOG MUST INCLUDE THE NAME(S) AND QUALIFICATIONS OF THE PERSON MAKING THE INSPECTIONS, THE DATE(S) OF THE INSPECTIONS, AND MAJOR OBSERVATIONS ABOUT THE OPERATION AND MAINTENANCE OF EROSION AND SEDIMENTATION CONTROLS, MATERIALS STORAGE AREAS, AND VEHICLES ACCESS POINTS TO THE PARCEL.
2. TRENCH OR FOUNDATION DE-WATERING, TRENCH DE-WATERING IS THE REMOVAL OF WATER FROM TRENCHES, FOUNDATIONS, COFFERDAMS, PONDS, AND OTHER AREAS WITHIN THE CONSTRUCTION AREA THAT RETAIN WATER AFTER EXCAVATION. IN MOST CASES THE COLLECTED WATER IS HEAVILY SILTED AND HINDERS CORRECT AND SAFE CONSTRUCTION PRACTICES. THE COLLECTED WATER MUST BE REMOVED FROM THE PONDING AREA, EITHER THROUGH GRAVITY OR PUMPING, AND MUST BE SPREAD THROUGH NATURAL WOODED BUFFERS OR REMOVED TO AREAS THAT ARE SPECIFICALLY DESIGNED TO COLLECT THE MAXIMUM AMOUNT OF SEDIMENT POSSIBLE, LIKE A COFFERDAM SEDIMENTATION BASIN. AVOID ALLOWING THE WATER TO FLOW OVER DISTURBED AREAS OF THE SITE. EQUIVALENT MEASURES MAY BE TAKEN IF APPROVED BY THE DEPARTMENT.

SITE DEFINITION

1. POSITIVE DRAINAGE SHALL MEAN PROVIDING A MINIMUM DOWN GRADIENT SLOPE OF ONE PERCENT TO A REFERENCED STRUCTURE OR VEGETATIVE SWALE UNLESS OTHERWISE NOTED.

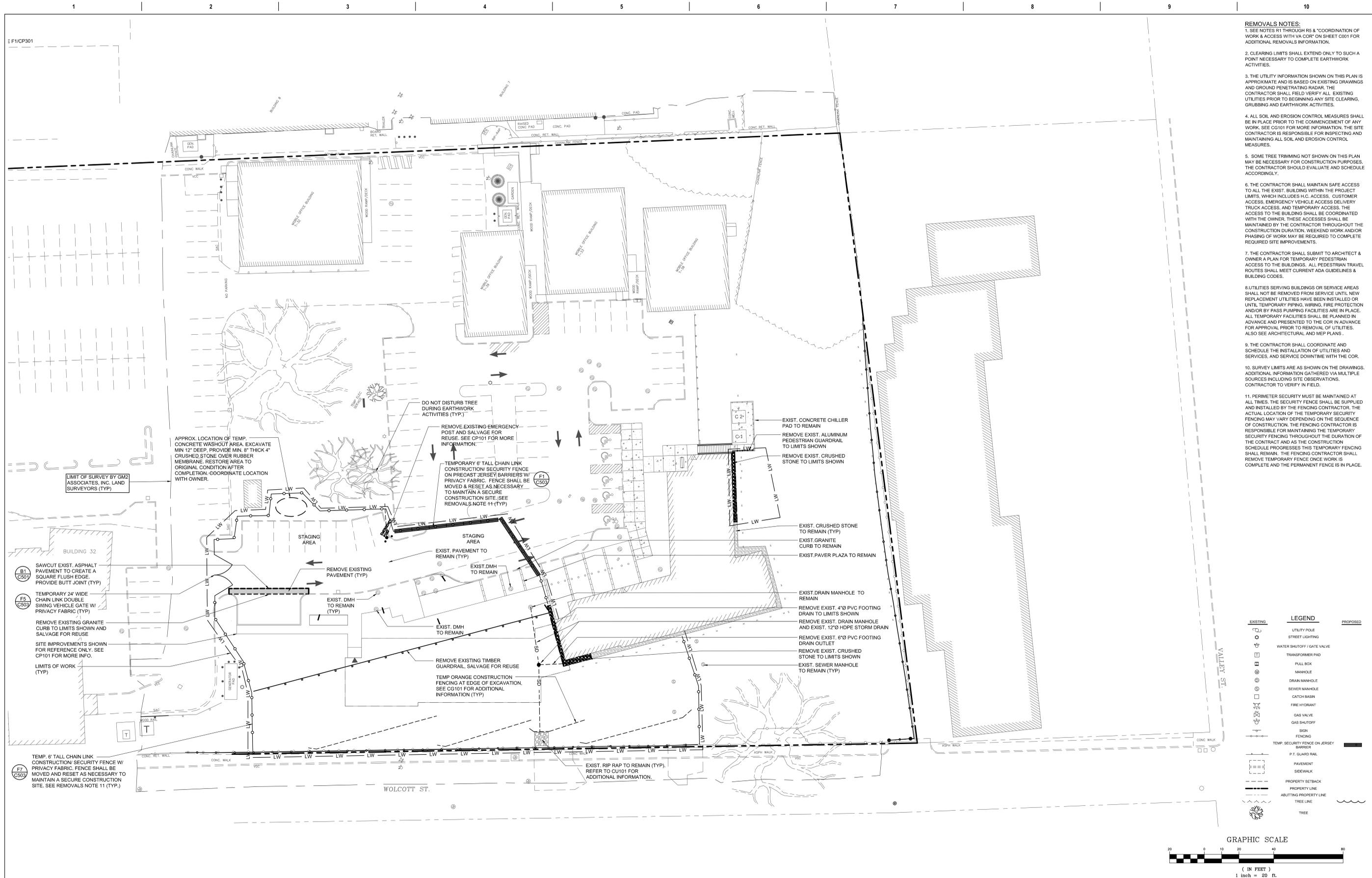
COORDINATION OF WORK AND ACCESS WITH VA COR

1. THE CONTRACTOR SHALL LIMIT USE OF THE PREMISES TO CONSTRUCTION ACTIVITIES IN AREAS INDICATED, ALLOW FOR VA OCCUPANCY AND USE BY THE PUBLIC.
 - A. CONFINE OPERATIONS TO AREAS WITHIN CONTRACT LIMITS INDICATED. PORTIONS OF THE SITE BEYOND AREAS IN WHICH CONSTRUCTION OPERATIONS ARE INDICATED ARE NOT TO BE DISTURBED.
 - B. KEEP DRIVEWAYS AND ENTRANCES SERVING THE PREMISES CLEAR AND AVAILABLE TO CUSTOMERS, AND THE VA AT ALL TIMES. DO NOT USE THESE AREAS FOR PARKING OR STORAGE OF MATERIALS. SCHEDULE DELIVERIES TO MINIMIZE SPACE AND TIME REQUIREMENTS FOR STORAGE OF MATERIALS AND EQUIPMENT ON SITE.
 - C. COORDINATE REQUIREMENTS FOR STORAGE AND ACCESS TO SPACE OUTSIDE OF CONTRACT LIMITS WITH THE VA.
 - D. THE CONTRACTOR SHALL MAINTAIN ACCESS TO THE EXIST. BUILDINGS, WHICH INCLUDES H.C. ACCESS, CUSTOMER ACCESS, EMERGENCY VEHICLE ACCESS AND DELIVERY TRUCK ACCESS. THE ACCESS TO THE BUILDING SHALL BE COORDINATED WITH THE OWNER. THESE ACTIVITIES SHALL BE MAINTAINED BY THE CONTRACTOR THROUGHOUT THE CONSTRUCTION DURATION.
 - E. THE VA PROPERTY IS ENCOMPASSED BY FENCING FOR SECURITY PURPOSES. THE CONTRACTOR SHALL MAINTAIN SITE SECURITY DURING CONSTRUCTION GASP IN FENCING CREATED DURING CONSTRUCTION MUST BE CLOSED IN OFF WORK HOURS INCLUDING NIGHTS WEEKENDS OR EXTENDED PERIODS WHERE WORK IS NOT OCCURRING IN THE AREA

SITE ABBREVIATIONS

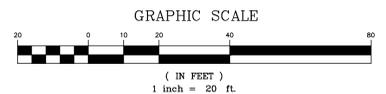
Ø	DIAMETER	GA.	GALVANIZED	O.C.	ON CENTER
ABI	ALTERNATE BID ITEM	GALV.	GENERAL	OS(O)	OWNER SUPPLIED/OWNER INST'D
ACP	ASBESTOS CEMENT PIPE	GEN	GALLONS PER MINUTE	OD	OUTSIDE DIAMETER
ADD. ALT.	ADDITIVE ALTERNATE BID ITEM	GPM	GRANULAR	OE	OVERHEAD ELECTRIC
AE	AERIAL ELECTRIC	GRAN	GATE VALVE	OH	OVERHEAD WIRE
AGG.	AGGREGATE	G.V.	GAS	O.W.	
ALUM	ALUMINUM	G		P.V.M.T.	PAVEMENT
ARCH.	ARCHITECTURAL	H.C.	HANDICAP	PERF.	PERFORATED
B.C.	BOTTOM OF CURB	HDPE	HIGH DENSITY POLYETHYLENE	PB	PULL BOX
BIT.	BITUMINOUS	HORIZ. HOR.	HORIZONTAL	P & I	POINT OF INTERSECTION
BLDG.	BUILDING	HPS	HIGH PRESSURE SODIUM	P & I	PRELIMINARY
BOT.	BOTTOM	HMA	HOT MIX ASPHALT	PSF	POUNDS PER SQUARE FOOT
CB	CENTERLINE	I.D.	IDENTIFICATION, INSIDE DIAMETER	P.C.	POINT OF TANGENT
CC	CATCH BASIN	I.E.	INVERT ELEVATION	P.T.	POINT
CCTV	CLOSED CIRCUIT TELEVISION	INV.	INVERT	P.T.	PRESSURE TREATED
CF	CUBIC FEET	INSUL.	INSULATION	PVC	POLYVINYL CHLORIDE
C.I.	CAST IRON, CONTRACTOR INST'D.			R	RADIUS
C.I.P.	CAST IN PLACE	LBS.	POUNDS	RCP	REINFORCED CONCRETE PIPE
CMP	CORRUGATED METAL PIPE	LED	LIGHT EMITTING DIODE	REQ'D	REQUIRED
C	CENTER	LF	LINEAR FEET	S	SEWER / SOUTH
C.O.	CLEANOUT	LPS	LOW PRESSURE SODIUM	SS	SANITARY SEWER
CONC.	CONCRETE	L	LENGTH	SD	STORM DRAIN
CPP	CORRUGATED PLASTIC PIPE	LW	LIMIT OF WORK	SEC	SECTION
CTV	CABLE TELEVISION	MAS	MASONRY	SH	SIMILAR
CFS	CUBIC FEET PER SECOND	MATL.	MATERIAL	SM	SEWER MANHOLE
D.I.	DITCH INVERT, DUCTILE IRON	MAX.	MAXIMUM	MIN	MINIMUM
DTL.	DETAIL	MH	MANHOLE	MISC.	MISCELLANEOUS
DIA.	DIAMETER	MIN	MINIMUM	DRN	DRAIN MANHOLE, DROP MANHOLE
DIM.	DIMENSION	N	NORTH, NEW UTILITY	N.I.C.	NOT IN CONTRACT
DMH	DRAIN MANHOLE, DROP MANHOLE	NFD	NEW FOUNDATION DRAIN	NFM	NEW FORCE MAIN
DN	DOWN	NGAS	NATURAL GAS	NOM.	NOMINAL
DWG	DRAWING	NO	NUMBER	NRD	NEW ROOF DRAIN
E	EAST	EQ.	EQUAL	NSS	NEW SANITARY SEWER
EG	EXISTING GRADE	EX / EXISTING	EXISTING	NSD	NEW STORM DRAIN
E.P.	EDGE OF PAVEMENT	EXP	EXPANSION	NTS	NOT TO SCALE
E.L. ELEV.	ELEVATION	FD	FOOTING DRAIN	NUE	NEW UNDERGROUND ELECTRIC
EQ.	EQUAL	F.G.	FINISH GRADE	NUD	NEW UNDERDRAIN
EX / EXISTING	EXISTING	F.H.	FIRE HYDRANT	NUP	NEW UNDERGROUND PRIMARY
EXP	EXPANSION	FIN.	FINISH	NUS	NEW UNDERGROUND SECONDARY
FD	FOOTING DRAIN	F.F.	FINISH FLOOR	NW	NEW WATER LINE
F.G.	FINISH GRADE	FT.	FEET	US	UNDERGROUND ELECTRIC
F.H.	FIRE HYDRANT	FT.	FEET	US	UNDERGROUND SECONDARY
FIN.	FINISH	FTG.	FOOTING	VERT.	UNDERGROUND PRIMARY
F.F.	FINISH FLOOR			VERT., VER.	VERTICAL
FPM	FEET PER MINUTE			W	WATER / WEST
FT.	FEET			W /	WITH
FTG.	FOOTING			W/O	WITHOUT
				WSO	WATER SHUTOFF
				W.W.F.	(CURB STOP OR GATE VALVE)
				W V	WELDED WIRE FABRIC
					WATER SHUT OFF / GATE VALVE

	CONSULTANT	ARCHITECT/ENGINEER OF RECORD	STAMP	Office of Construction and Facilities Management	Drawing Title SITE GENERAL NOTES & ABBREVIATIONS	Phase CONSTRUCTION DOCUMENTS	Project Title NEW MENTAL HEALTH BUILDING - PHASE 2	Project Number 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 C001
							Checked ARB	Drawn KRB



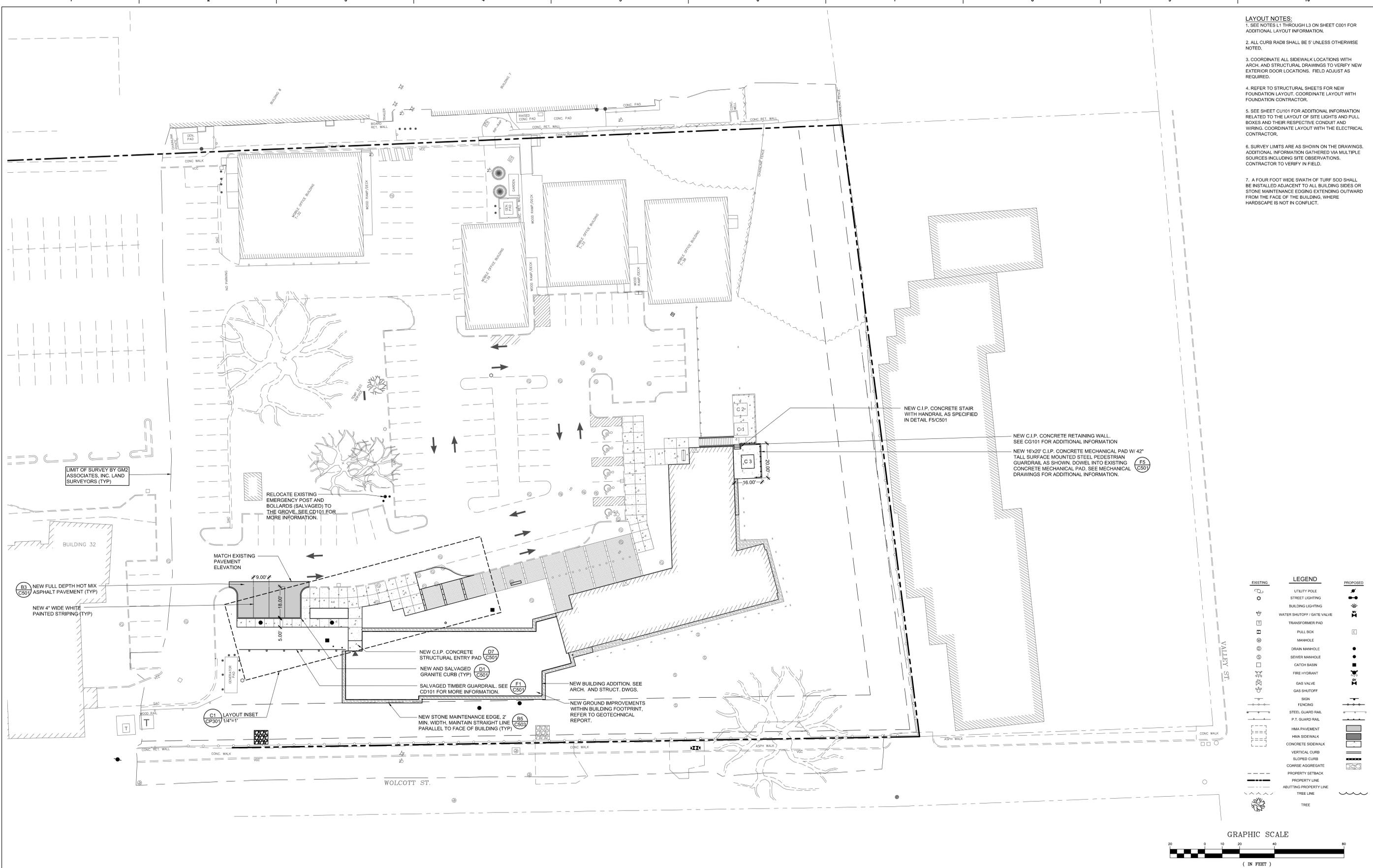
- REMOVALS NOTES:**
- SEE NOTES R1 THROUGH R5 & 'COORDINATION OF WORK & ACCESS WITH VA COR' ON SHEET C001 FOR ADDITIONAL REMOVALS INFORMATION.
 - CLEARING LIMITS SHALL EXTEND ONLY TO SUCH A POINT NECESSARY TO COMPLETE EARTHWORK ACTIVITIES.
 - THE UTILITY INFORMATION SHOWN ON THIS PLAN IS APPROXIMATE AND IS BASED ON EXISTING DRAWINGS AND GROUND PENETRATING RADAR. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITIES PRIOR TO BEGINNING ANY SITE CLEARING, GRUBBING AND EARTHWORK ACTIVITIES.
 - ALL SOIL AND EROSION CONTROL MEASURES SHALL BE IN PLACE PRIOR TO THE COMMENCEMENT OF ANY WORK. SEE CG101 FOR MORE INFORMATION. THE SITE CONTRACTOR IS RESPONSIBLE FOR INSPECTING AND MAINTAINING ALL SOIL AND EROSION CONTROL MEASURES.
 - SOME TREE TRIMMING NOT SHOWN ON THIS PLAN MAY BE NECESSARY FOR CONSTRUCTION PURPOSES. THE CONTRACTOR SHOULD EVALUATE AND SCHEDULE ACCORDINGLY.
 - THE CONTRACTOR SHALL MAINTAIN SAFE ACCESS TO ALL THE EXIST. BUILDING WITHIN THE PROJECT LIMITS, WHICH INCLUDES H.C. ACCESS, CUSTOMER ACCESS, EMERGENCY VEHICLE ACCESS, DELIVERY TRUCK ACCESS, AND TEMPORARY ACCESS. THE ACCESS TO THE BUILDING SHALL BE COORDINATED WITH THE OWNER. THESE ACCESSES SHALL BE MAINTAINED BY THE CONTRACTOR THROUGHOUT THE CONSTRUCTION DURATION. WEEKEND WORK AND/OR PHASING OF WORK MAY BE REQUIRED TO COMPLETE REQUIRED SITE IMPROVEMENTS.
 - 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.
 - UTILITIES SERVING BUILDINGS OR SERVICE AREAS SHALL NOT BE REMOVED FROM SERVICE UNTIL NEW REPLACEMENT UTILITIES HAVE BEEN INSTALLED OR UNTIL TEMPORARY PIPING, WIRING, FIRE PROTECTION AND/OR BY 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. ALSO SEE ARCHITECTURAL AND MEP PLANS.
 - THE CONTRACTOR SHALL COORDINATE AND SCHEDULE THE INSTALLATION OF UTILITIES AND SERVICES, AND SERVICE DOWNTIME WITH THE COR.
 - SURVEY LIMITS ARE AS SHOWN ON THE DRAWINGS. ADDITIONAL INFORMATION GATHERED VIA MULTIPLE SOURCES INCLUDING SITE OBSERVATIONS. CONTRACTOR TO VERIFY IN FIELD.
 - PERIMETER SECURITY MUST BE MAINTAINED AT ALL TIMES. THE SECURITY FENCE SHALL BE SUPPLIED AND INSTALLED BY THE FENCING CONTRACTOR. THE ACTUAL LOCATION OF THE TEMPORARY SECURITY FENCING MAY VARY DEPENDING ON THE SEQUENCE OF CONSTRUCTION. THE FENCING CONTRACTOR IS RESPONSIBLE FOR MAINTAINING THE TEMPORARY SECURITY FENCING THROUGHOUT THE DURATION OF THE CONTRACT AND AS THE CONSTRUCTION SCHEDULE PROGRESSES THIS TEMPORARY FENCING SHALL REMAIN. THE FENCING CONTRACTOR SHALL REMOVE TEMPORARY FENCE ONCE WORK IS COMPLETE AND THE PERMANENT FENCE IS IN PLACE.

EXISTING	LEGEND	PROPOSED
○	UTILITY POLE	
○	STREET LIGHTING	
○	WATER SHUTOFF / GATE VALVE	
□	TRANSFORMER PAD	
□	PULL 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	

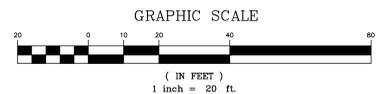


	CONSULTANT 	ARCHITECT/ENGINEER OF RECORD WBRC ARCHITECTS • ENGINEERS WWW.WBRCAE.COM BANGOR, MAINE 207-947-4511 PORTLAND, MAINE 207-838-4511 SARASOTA, FLORIDA 941-556-0757	STAMP 	Office of Construction and Facilities Management VA U.S. Department of Veterans Affairs	Drawing Title SITE REMOVALS PLAN	Phase CONSTRUCTION DOCUMENTS	Project Title NEW MENTAL HEALTH BUILDING - PHASE 2	Project Number 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	Checked ARB	Drawn KRB	Drawing Number CD101

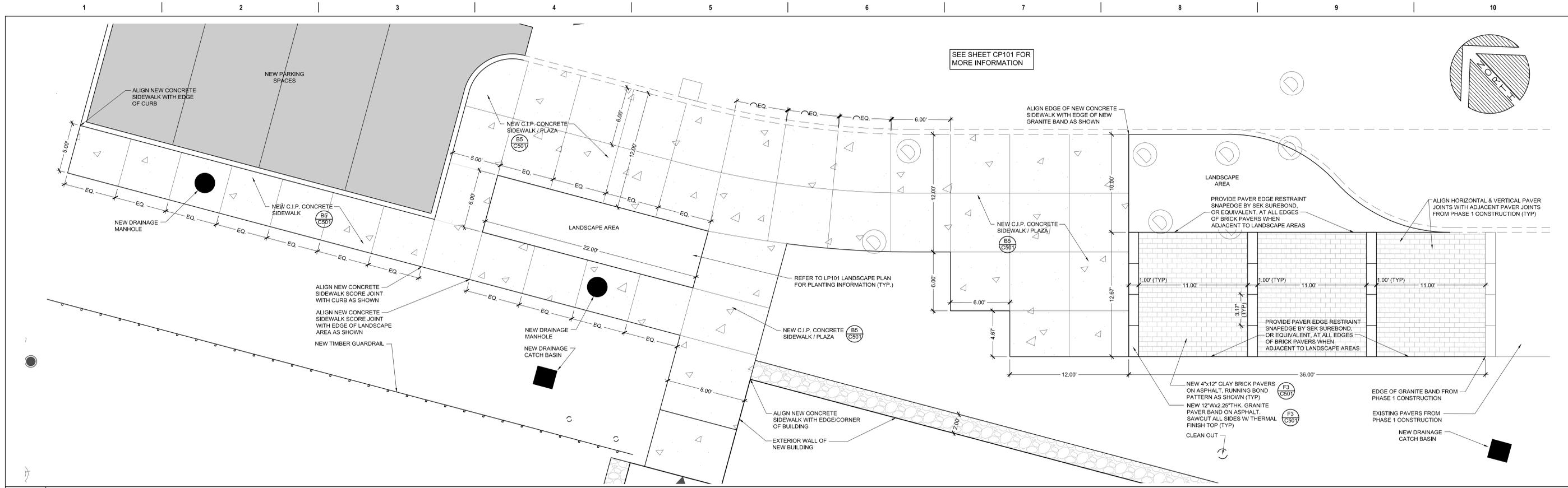
- LAYOUT NOTES:**
- SEE NOTES L1 THROUGH L3 ON SHEET C001 FOR ADDITIONAL LAYOUT INFORMATION.
 - ALL CURB RADI SHALL BE 5' UNLESS OTHERWISE NOTED.
 - COORDINATE ALL SIDEWALK LOCATIONS WITH ARCH. AND STRUCTURAL DRAWINGS TO VERIFY NEW EXTERIOR DOOR LOCATIONS. FIELD ADJUST AS REQUIRED.
 - REFER TO STRUCTURAL SHEETS FOR NEW FOUNDATION LAYOUT. COORDINATE LAYOUT WITH FOUNDATION CONTRACTOR.
 - SEE SHEET C101 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 SOO 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	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	○
○	BIEN	○
○	FENCING	○
○	STEEL GUARD RAIL	○
○	P.T. GUARD RAIL	○
○	HMA PAVEMENT	○
○	HMA SIDEWALK	○
○	CONCRETE SIDEWALK	○
○	VERTICAL CURB	○
○	SLOPED CURB	○
○	COARSE AGGREGATE	○
○	PROPERTY SETBACK	○
○	PROPERTY LINE	○
○	ABUTTING PROPERTY LINE	○
○	TREE LINE	○
○	TREE	○



	CONSULTANT 	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	STAMP 	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	Project Number 650-347 Building Number 39 Drawing Number CP101
	Revisions: 	Date: 					Checked ARB Drawn KRB	



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 RADI 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	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	
	HMA PAVEMENT	
	HMA SIDEWALK	
	CONCRETE SIDEWALK	
	VERTICAL CURB	
	BLURRED CURB	
	COURSE AGGREGATE	
	PROPERTY SETBACK	
	PROPERTY LINE	
	ABUTTING PROPERTY LINE	
	TREE LINE	
	TREE	

F1	F4	<p>CONSULTANT</p>	<p>ARCHITECT/ENGINEER OF RECORD</p> <p>WBRC ARCHITECTS • ENGINEERS</p> <p>WWW.WBRCAE.COM BANGOR, MAINE 207-947-4511 PORTLAND, MAINE 207-438-4511 SARASOTA, FLORIDA 941-556-0757</p>	<p>STAMP</p> <p>ARTHUR R. BOLDUC REGISTERED PROFESSIONAL ENGINEER CIVIL</p>	<p>Office of Construction and Facilities Management</p> <p>VA U.S. Department of Veterans Affairs</p>	<p>Drawing Title</p> <p>PLAZA INSET / BUILDING 14 PLAN</p> <p>Approved:</p> <p>VA RI FACILITIES MANAGEMENT SERVICE</p>	<p>Phase</p> <p>CONSTRUCTION DOCUMENTS</p> <p>FULLY SPRINKLERED</p>	<p>Project Title</p> <p>NEW MENTAL HEALTH BUILDING - PHASE 2</p> <p>Location</p> <p>830 CHALKSTONE AVE PROVIDENCE, RI 02908</p> <p>Issue Date</p> <p>04 FEB 2022</p>	<p>Project Number</p> <p>650-332</p> <p>Building Number</p> <p>39</p> <p>Drawing Number</p> <p>CP301</p>
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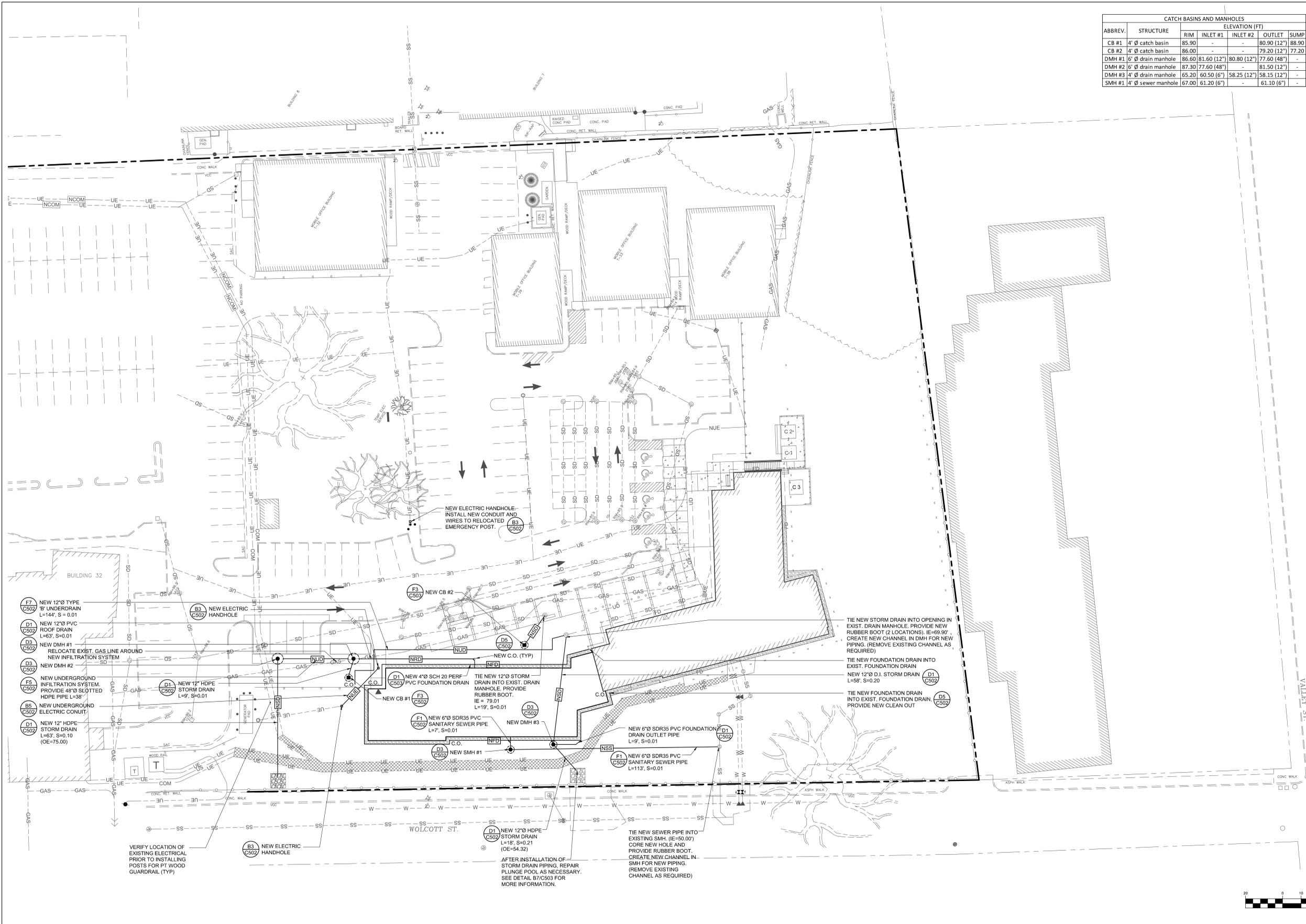
- GRADING NOTES:**
- SEE NOTES G1 THROUGH G6 ON SHEET C001 FOR ADDITIONAL GRADING INFORMATION.
 - ALL DISTURBED AREAS NOT RECEIVING PAVEMENT SHALL BE PROVIDED WITH LOAM AND SEED PER THE CONTRACT DOCUMENTS.
 - PROPOSED GRADING SHOWN ON THIS PLAN IS BASED ON A TOPOGRAPHIC SURVEY PREPARED BY GM2 ASSOCIATES, INC.
 - TEST PIT LOCATION AND INFORMATION PROVIDED BY S.W. COLE ENGINEERING INC. SEE SHEETS 60X FOR LOGS. SEE GEOTECHNICAL REPORT BOUND IN THE SPECIFICATIONS.
 - SURVEY LIMITS ARE AS SHOWN ON THE DRAWINGS. ADDITIONAL INFORMATION GATHERED VIA MULTIPLE SOURCES INCLUDING SITE OBSERVATIONS. CONTRACTOR TO VERIFY IN FIELD.
 - 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.



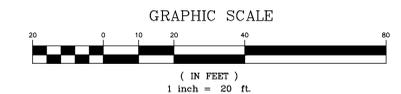
	CONSULTANT 	ARCHITECT/ENGINEER OF RECORD WBRC ARCHITECTS • ENGINEERS WWW.WBRCAE.COM BANGOR, MAINE 207-947-4511 PORTLAND, MAINE 207-838-4511 SARASOTA, FLORIDA 941-556-0757	STAMP 	Office of Construction and Facilities Management VA U.S. Department of Veterans Affairs	Drawing Title SITE GRADING & EROSION CONTROL 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	Project Number 650-347 Building Number 39 Drawing Number CG101
	Revisions: _____ Date: _____							

ABBREV.	STRUCTURE	ELEVATION (FT)			
		RIM	INLET #1	INLET #2	OUTLET
CB #1	4' Ø catch basin	85.90	-	-	80.90 (12")
CB #2	4' Ø catch basin	86.00	-	-	79.20 (12")
DMH #1	6' Ø drain manhole	86.60	81.60 (12")	80.80 (12")	77.60 (48")
DMH #2	6' Ø drain manhole	87.30	77.60 (48")	-	81.50 (12")
DMH #3	4' Ø drain manhole	65.20	60.50 (6")	58.25 (12")	58.15 (12")
SMH #1	4' Ø sewer manhole	67.00	61.20 (6")	-	61.10 (6")

- UTILITY NOTES:**
- SEE NOTES E1 THROUGH U8 ON SHEET C001 FOR ADDITIONAL UTILITY INFORMATION.
 - ALL TRENCH EXCAVATION AND BACKFILL FOR ELECTRICAL SYSTEMS SHALL BE BY THE SITE CONTRACTOR. CONDUIT, PULL BOXES, RISER POLES, LIGHT BASES, ETC. SHALL BE SUPPLIED AND INSTALLED BY THE ELECTRICAL CONTRACTOR. LIGHT BASES TO BE SET BY THE SITE CONTRACTOR.
 - SITE CONTRACTOR TO FIELD VERIFY ALL EXISTING UTILITIES PRIOR TO BEGINNING ANY PROPOSED WORK.
 - FOR ANY (STORM SEWER OR WATER) PIPE WITHOUT 4' OF COVER, PROVIDE 2" RIGID INSULATION OVER PIPE EXTENDING A MINIMUM OF 6" BEYOND PIPE WIDTH.
 - UTILITY SHUT DOWNS & TEMP PUMPING MAY BE REQUIRED. COORDINATE WORK W/ COR.
 - SURVEY LIMITS ARE AS SHOWN ON THE DRAWINGS. ADDITIONAL INFORMATION GATHERED VIA MULTIPLE SOURCES INCLUDING SITE OBSERVATIONS. CONTRACTOR TO VERIFY IN FIELD.



EXISTING	LEGEND	PROPOSED
(C)	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	○
○	SGN	○
○	FENCING	○
○	P.T. GUARD RAIL	○
○	PAVEMENT	○
○	SIDEWALK	○
○	VERTICAL CURB	○
○	SLOPED CURB	○
○	COARSE AGGREGATE	○
○	GAS SERVICE / MAIN	○
○	WATER SERVICE / MAIN	○
○	STORM DRAIN	○
○	UNDERDRAIN	○
○	FOOTING DRAIN	○
○	CLEANOUT	○
○	SANITARY SEWER	○
○	UNDERGROUND SECONDARY	○
○	UNDERGROUND PRIMARY	○
○	AERIAL ELEC. PRIMARY	○
○	PROPERTY SETBACK	○
○	PROPERTY LINE	○
○	ABUTTING PROPERTY LINE	○
○	TREE LINE	○
○	TREE	○



	CONSULTANT 	ARCHITECT/ENGINEER OF RECORD WWW.WBRCAE.COM BANGOR, MAINE 207-947-4511 PORTLAND, MAINE 207-438-4511 SARASOTA, FLORIDA 941-556-0757	Office of Construction and Facilities Management VA U.S. Department of Veterans Affairs	Drawing Title SITE UTILITY PLAN	Phase CONSTRUCTION DOCUMENTS	Project Title NEW MENTAL HEALTH BUILDING - PHASE 2	Project Number 650-347
	Revisions: _____ Date: _____				Approved: VA RI FACILITIES MANAGEMENT SERVICE	FULLY SPRINKLERED	Location 830 CHALKSTONE AVE PROVIDENCE, RI 02908

A

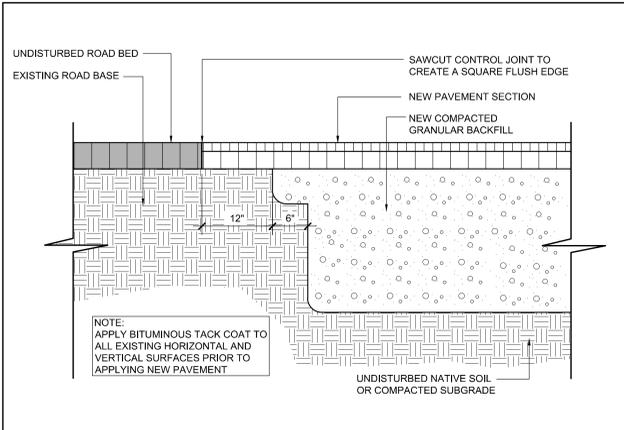
B

C

D

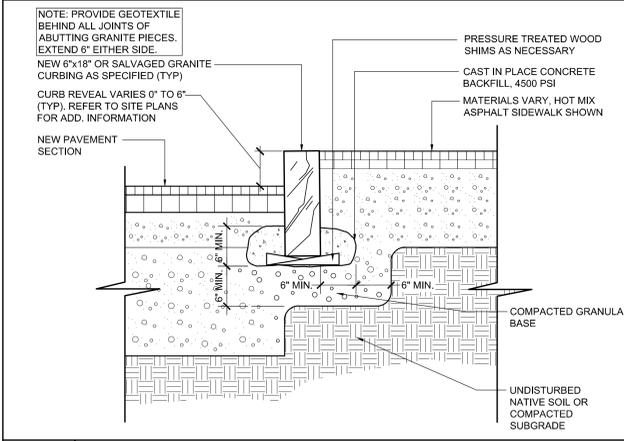
E

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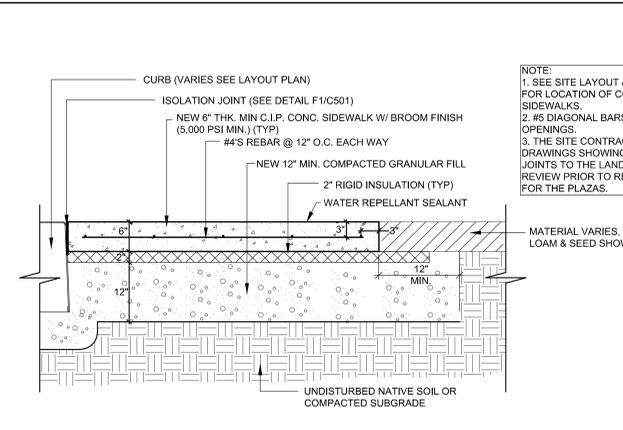
B1 NEW HMA BUTT JOINT

NO SCALE



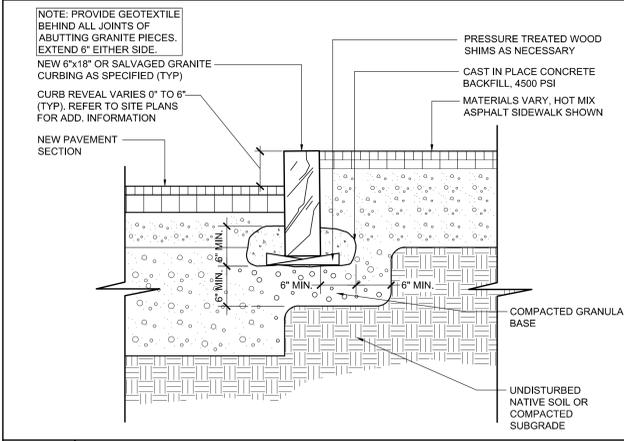
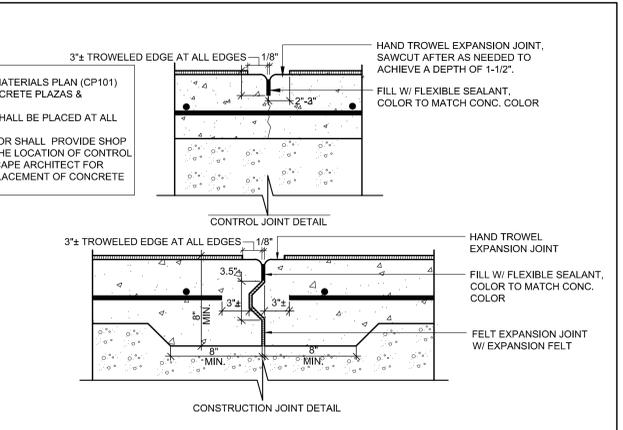
B3 NEW FULL DEPTH HOT MIX ASPHALT PAVEMENT

NO SCALE



B5 NEW C.I.P. CONCRETE SIDEWALK/ PLAZA

NO SCALE



D1 NEW OR SALVAGED VERTICAL GRANITE CURB

NO SCALE

NOT USED

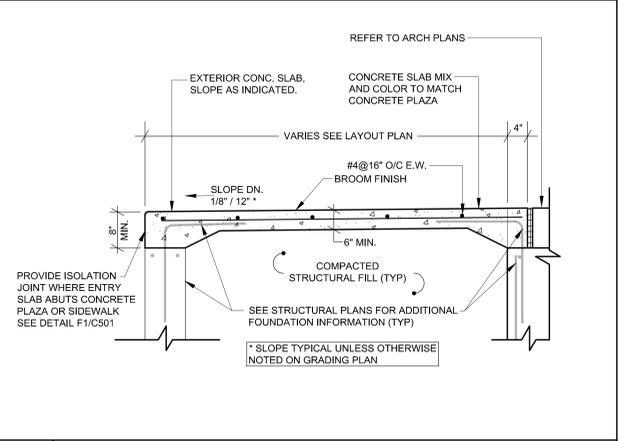
D3

NO SCALE

NOT USED

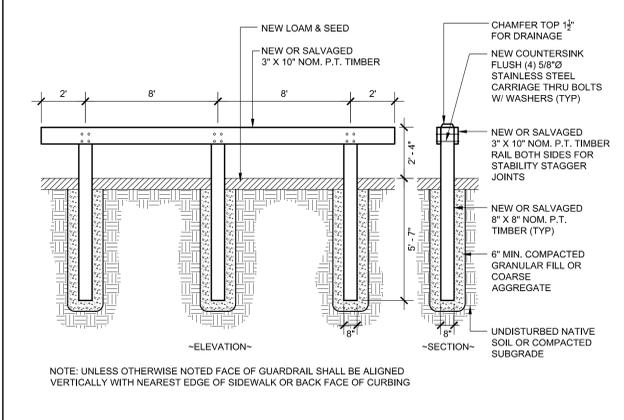
D5

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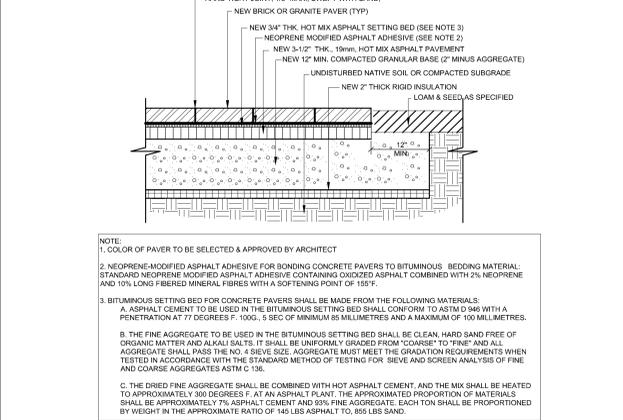
D7 NEW STRUCTURAL ENTRY SLAB

NO SCALE



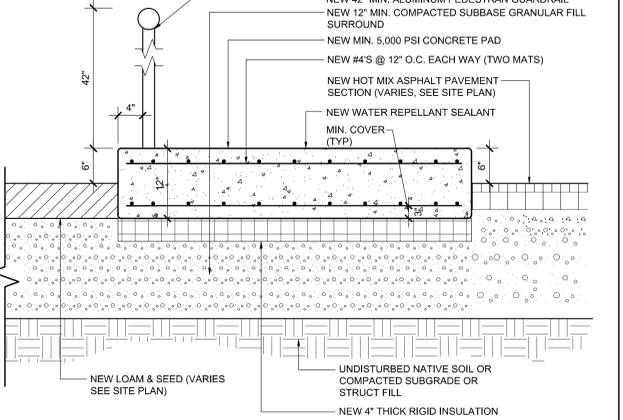
F1 NEW OR SALVAGED TIMBER GUARDRAIL

NO SCALE



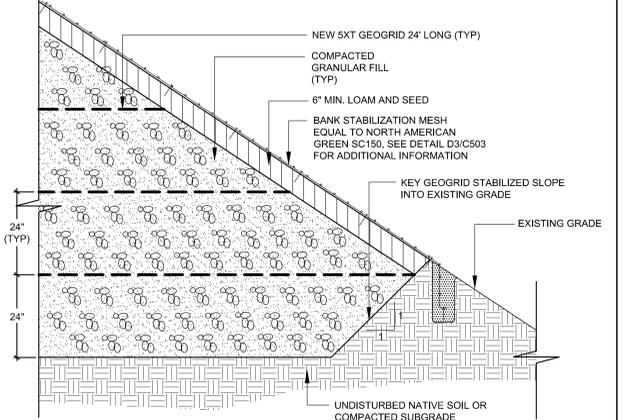
F3 NEW CLAY BRICK PAVER

NO SCALE



F5 NEW C.I.P. CONCRETE CHILLER PAD

NO SCALE



F7 NEW GEOGRID STABILIZED SLOPE

NO SCALE

Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

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ARCHITECTS • ENGINEERS

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SARASOTA, FLORIDA 941-556-0757

STAMP

ARTHUR R. BOLDUC
REGISTERED PROFESSIONAL ENGINEER
CIVIL

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title
SITE DETAILS

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
C501

A

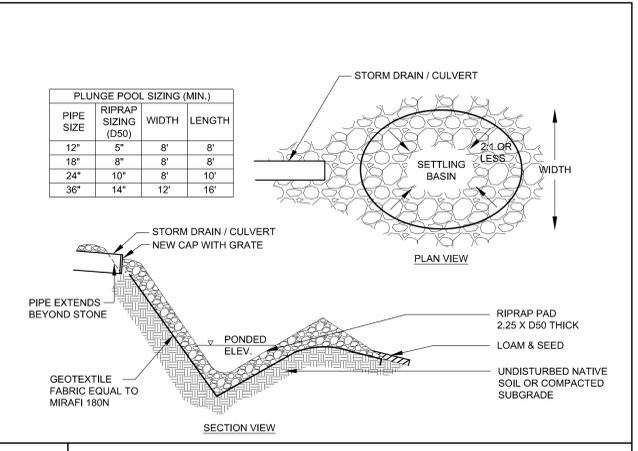
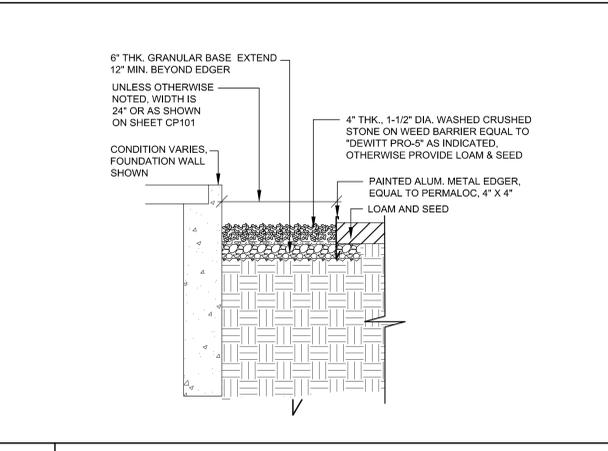
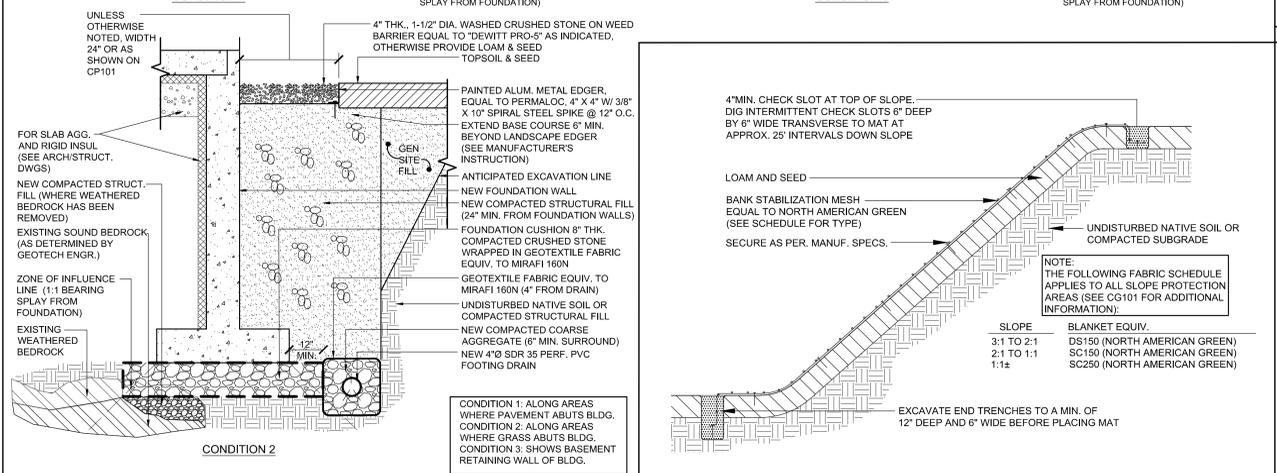
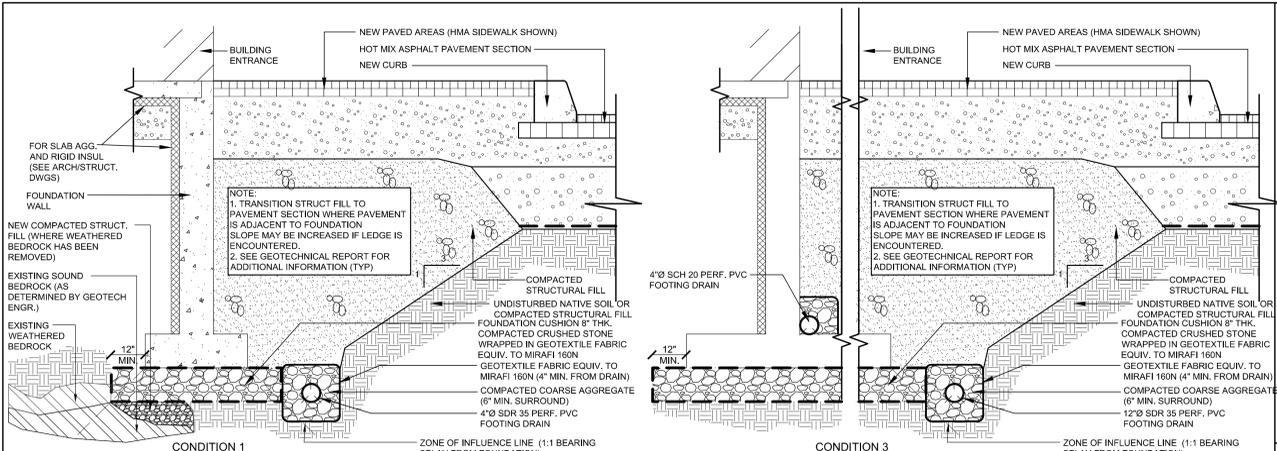
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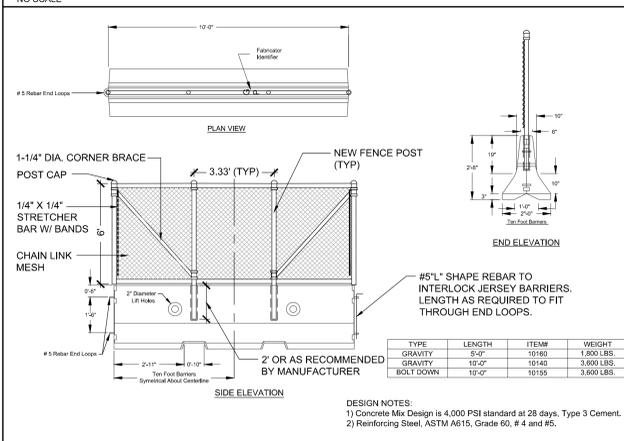


D1 NEW FOOTING DRAIN
NO SCALE

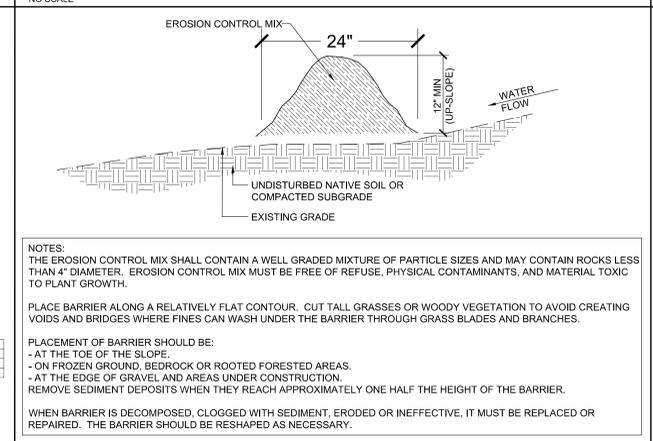
D3 NEW BANK STABILIZATION MESH
NO SCALE

D5 TEMPORARY SILT FENCE
NO SCALE

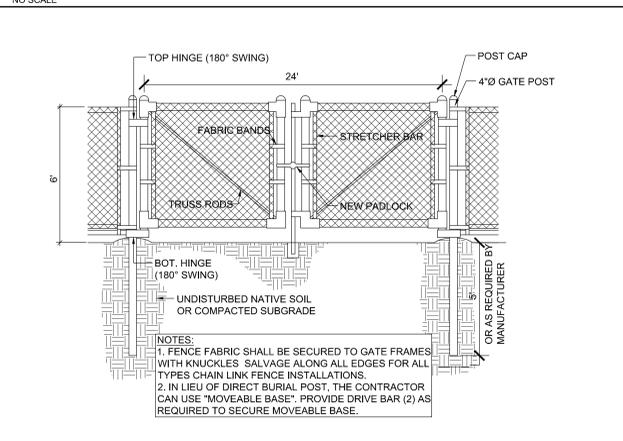
D7 TEMPORARY INLET PROTECTION
NO SCALE



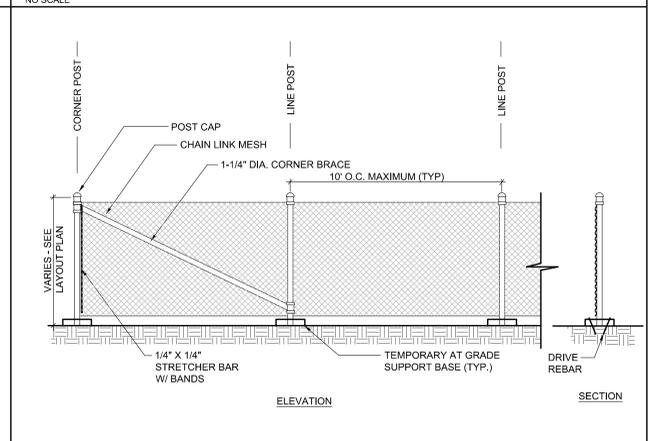
F1 TEMP SECURITY FENCE ON JERSEY BARRIER
NO SCALE



F3 NEW EROSION CONTROL MIX BERM
NO SCALE



F5 TEMP. CHAIN LINK DOUBLE SWING GATE
NO SCALE



F7 TEMP. CHAIN LINK SECURITY FENCE
NO SCALE

Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD
WBRC
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SARASOTA, FLORIDA 941-556-0757

STAMP
ARTHUR R. BOLDUC
REGISTERED PROFESSIONAL ENGINEER
CIVIL

Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title
SITE DETAILS
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
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