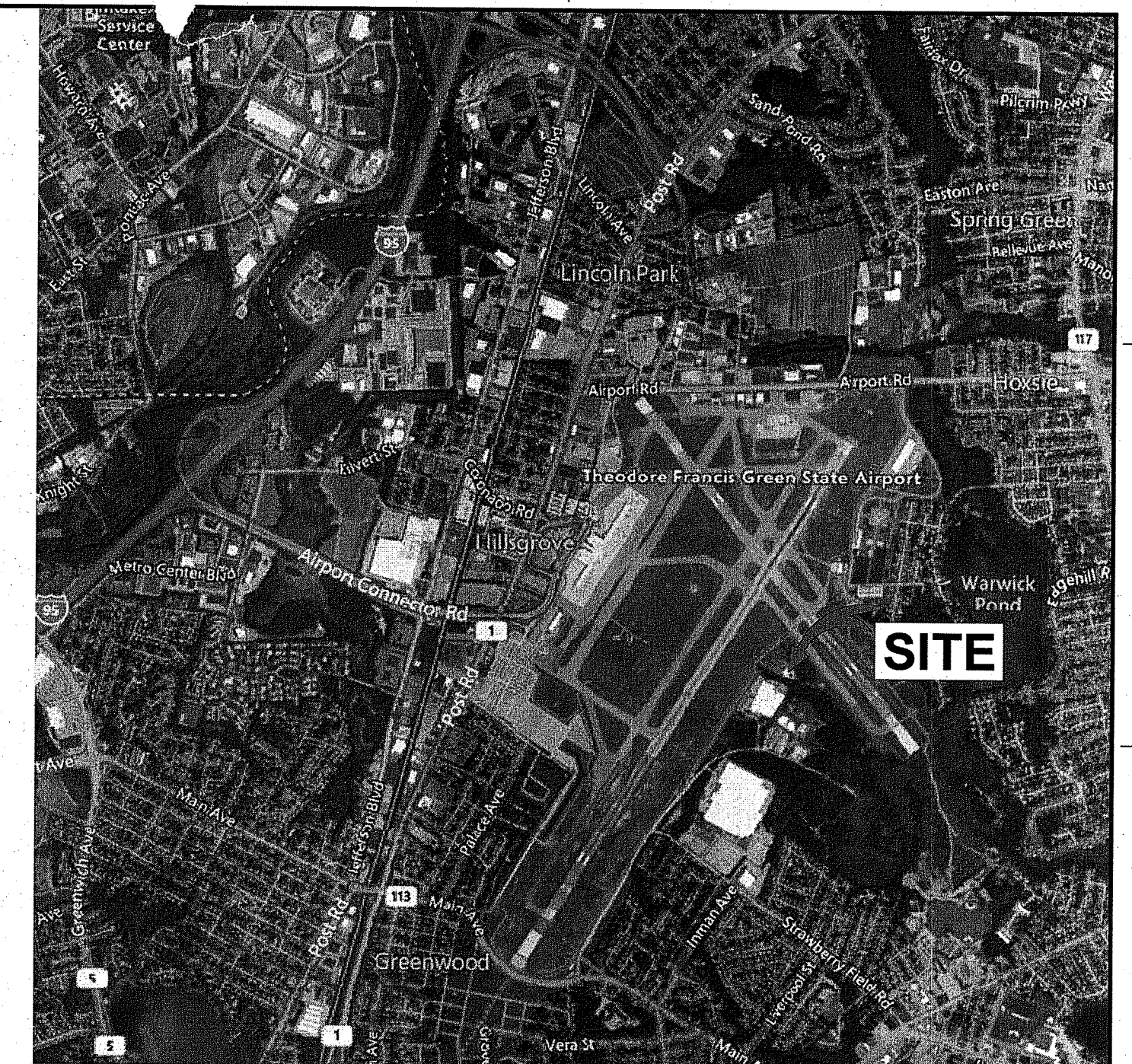




RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM

NOTE PER DEM:
Kindly be advised that this Permit
is not equivalent to a
verification of the type or extent
of freshwater wetlands on site



404 WARWICK INDUSTRIAL DRIVE, WARWICK, RHODE ISLAND

VICINITY MAP
NOT TO SCALE

AIRPORT TRAFFIC CONTROL TOWER (ATCT) ACCESS ROAD & PARKING LOT RESTORATION PROJECT



T.F. GREEN INTERNATIONAL AIRPORT
WARWICK, RHODE ISLAND

RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS AS
SPECIFIED IN THE LETTER OF APPROVAL
DATED: **MAR 21 2024** FILE #: 23-0112
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE
Nancy L. Freeman

RIDEM PERMITTING SET
DRAWING 1 OF 21

REVISION 3

DRAWING NUMBER	DRAWING TITLE
PVD-1705680-G001	COVER SHEET
PVD-1705680-G002	CIVIL, ELECTRICAL & SYMBOLS LEGEND
PVD-1705680-G003	CONSTRUCTION NOTES
PVD-1705680-G004	AIRPORT LAYOUT PLAN
PVD-1705680-G005	EXISTING CONDITIONS
PVD-1705680-G006	EROSION CONTROL PLAN
PVD-1705680-G007	CONSTRUCTION PHASING PLAN
PVD-1705680-C100	PROPOSED SITE PLAN
PVD-1705680-C101	ACCESS ROAD ENLARGED
PVD-1705680-C102	GRADING PLAN
PVD-1705680-C103	PROPOSED SEWER PLAN
PVD-1705680-C105	CIVIL DETAILS SHEET 1 OF 2
PVD-1705680-C106	CIVIL DETAILS SHEET 2 OF 2
PVD-1705680-C107	BUILDING STAIRS REPLACEMENT AND ROOF DRAIN UPGRADE DETAILS
PVD-1705680-C201	PARKING LOT PAVEMENT STRIPING PLAN
PVD-1705680-C202	PARKING LOT PAVEMENT MARKING DETAILS
PVD-1705680-C750	FENCE MODIFICATION DETAILS
PVD-1705680-D001	DEMOLITION PLAN
PVD-1705680-A101	STORAGE BUILDING PLAN
PVD-1705680-S101	STORAGE BUILDING FOUNDATION PLAN RAMP DETAIL & FLAGPOLE BASE DETAIL
PVD-1705680-E001	GENERAL NOTES, LEGEND, & ABBREVIATIONS
PVD-1705680-E102	ONE-LINE DIAGRAM & PANEL SCHEDULES DEMOLITION PLAN
PVD-1705680-E103	ONE-LINE DIAGRAM & PANEL SCHEDULES INSTALLATION PLAN
PVD-1705680-E104	PARKING LOT LIGHTING ELECTRICAL DETAILS
PVD-1705680-L101	JURISDICTIONAL AREAS



























































PARSONS
PTSI Managed Services Inc.
T4 New England
100 W. WALNUT STREET
PASADENA, CA 91124
(926)420-2000
PE.0008088-COA

RELEASED FOR:
FINAL REV 3 - DECEMBER 2023

Digitally signed
by JASON
ELIJAH RIVERA
Date:
2024.02.22
14:34:54 -05'00'

																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							</
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	----

ELECTRICAL LEGEND

	2'x4' FLUORESCENT FIXTURE
	1'x4' FLUORESCENT FIXTURE
	EMERGENCY FLUORESCENT FIXTURE, BATTERY BACKUP
	OPEN INDUSTRIAL FLUORESCENT FIXTURE
	EMERGENCY OPEN INDUSTRIAL FLUORESCENT FIXTURE, BATTERY BACKUP
	CEILING MOUNTED, FLUORESCENT OR INCANDESCENT FIXTURE
	WALL MOUNTED, FLUORESCENT, INCANDESCENT, HID, OR HIGH PRESSURE FIXTURE
	WALL MOUNTED FLUORESCENT FIXTURE
	FLOOD LIGHTING FIXTURE
	SINGLE HEAD POLE MOUNTED LIGHTING FIXTURE
	DOUBLE HEAD POLE MOUNTED LIGHTING FIXTURE
LIGHTING SUBSCRIPTS:	
A - CAPITAL LETTER INDICATES FIXTURE TYPE	
1 - NUMERAL INDICATES BRANCH CIRCUIT NUMBER	
	CEILING OR PENDANT MOUNTED EXIT LIGHTING FIXTURE SHADED SECTION(S) INDICATE FACE(S) WITH DIRECTIONAL ARROWS AS SHOWN ON PLANS
	WALL MOUNTED EXIT LIGHTING FIXTURE, +84" AFF. SHADED SECTION(S) INDICATE FACE(S) WITH DIRECTIONAL ARROWS AS SHOWN ON PLANS
	DUPLEX RECEPTACLE, NEMA 5-20R, 20A, 125V, 2P, 3W, +18" AFF UON, FOR RECEPTACLE ABOVE COUNTER TOP, INSTALL AT 8" AFCT. "ST" WHERE USED, INDICATES SURFACE MOUNTED "WP" WHERE USED, INDICATES WEATHERPROOF
	QUADRUPLEX RECEPTACLE, NEMA 5-20R, 20A, 125V, 2P, 3W, 18" AFF, UON "WM" WHERE USED, INDICATES WIREMOLD
	DUPLEX RECEPTACLE FOR COMPUTER USE, NEMA 5-20R, 20A, 125V, 2P, 3W, 18" AFF UON. "WM" WHERE USED, INDICATES WIREMOLD
	GFI DUPLEX RECEPTACLE, NEMA 5-20R, 20A, 125V, 2P, 3W, 18" AFF UON. FOR RECEPTACLE ABOVE SINK OR COUNTER TOP, INSTALL AT 8" AFCT
	FLUSH CEILING MOUNTED DUPLEX RECEPTACLE, NEMA 5-20R, 20A, 125V, 2P, 3W UON
	WALL MOUNTED TWISTED LOCK RECEPTACLE, NEMA L5-20R, 20A, 125V, 2P, 3W, 18" AFF UON
	CEILING MOUNTED TWISTED LOCK RECEPTACLE, NEMA L5-20R, 20A, 125V, 2P, 3W UON
	JUNCTION BOX, WALL MOUNTED AT HEIGHT INDICATED WITH BLANK COVER PLATE (UON), WP = WEATHERPROOF
	JUNCTION BOX WITH BLANK COVER PLATE (UON) (1) = SIZE 6"x6"x4", (2) = SIZE 6"x6"x6", (3) = SIZE 12"x12"x6"
	IN-GRADE MOUNTED JUNCTION BOX WITH BLANK COVER PLATE (UON)
	WALL MOUNTED SPEAKER OUTLET +90" AFF (UON)
	SINGLE POLE SWITCH OUTLET. LOWERCASE SUBSCRIPT, WHEN USED, INDICATES SWITCH LEG, 48" AFF (UON)
	DIMMER SWITCH, +48" AFF (UON)
	THREE WAY SWITCH, +48" AFF (UON)
	ADJUSTABLE TIMER SWITCH, +48" AFF (UON)
	MANUAL MOTOR STARTER SWITCH, 208V, 1 , 30A, +18" AFF (UON)
	EXISTING PANELBOARD, MCC OR SWITCHGEAR
	NEW PANELBOARD, OR CONTROL PANEL. SURFACE MOUNTED
	TRANSFORMER
	BRANCH CIRCUIT- EXPOSED, 3/4" C, WITH 2 NO.12 WIRES PLUS 1 NO.12 GROUND, UON
	CROSS MARKS DENOTE NUMBER OF NO.12 WIRES WHEN MORE THAN 3 IN A CONDUIT
	HOME RUN TO PANEL DP, CIRCUIT 1
	CONDUIT UP
	CONDUIT DOWN
	SAME AS BRANCH CIRCUIT - EXCEPT CONCEALED IN CEILING, UNDER GROUND OR WALL SPACE LIGHTNING/GROUNDING CONDUCTOR
	DISCONNECT SWITCH, NON-FUSIBLE, +48" AFF (UON), 30A FRAME SIZE "WP" WHERE USED, INDICATES WEATHERPROOF
	COMBINATION MOTOR STARTER WITH DISCONNECT SWITCH UON (1) NEMA START SIZE, 48" AFF (UON)
	MOTOR CONNECTION
	WALL MOUNTED A/V CONNECTOR
	WALL MOUNTED TELEPHONE OUTLET "S", WHERE USED, INDICATES SURFACE MOUNTED
	WALL MOUNTED DATA OUTLET "S", WHERE USED, INDICATES SURFACE MOUNTED
	WALL MOUNTED TELEPHONE AND DATA OUTLET
	EXISTING CONDUIT TRENCH
	LIGHT LINE WEIGHT INDICATES EXISTING WORK
	HEAVY LINE WEIGHT INDICATES NEW WORK
	CROSS HATCHING OVERLAPPING DEVICES AND EQUIPMENT INDICATES DEMOLITION (UON)
	ELECTRICAL HANDHOLE
	TELECOMMUNICATIONS HANDHOLE
	GATE CONTROLLER
	METER
	GROUND ROD WITH EXOTHERMIC WELD CONNECTION
	GROUND TEST WELL
	AIR TERMINAL (LIGHTNING ROD)
	PHOTOELECTRIC SENSOR
	WEATHER HEAD

CIVIL LEGEND

	EXISTING	NEW
CABLE TV LINE:		
OVERHEAD	---TV---	---TV---
UNDERGROUND	---TV---UG---	---TV---UG---
HAND HOLE	---◇---	---◇---
GAS LINE	---G---	---G---
FUEL OIL SUPPLY	---FOS---	---FOS---
FUEL OIL RETURN	---FOR---	---FOR---
STEAM LINE	---STM---	---STM---
CONDENSATE RETURN	---CR---	---CR---
COOLING TOWER WATER SUPPLY	---CTS---	---CTS---
COOLING TOWER WATER RETURN	---CTR---	---CTR---
CHILLED WATER RETURN	---CWR---	---CWR---
CHILLED WATER SUPPLY	---CWS---	---CWS---
CLEANOUT	---CO 9---	---CO 9---
INDUSTRIAL COLD WATER	---IW---	---IW---
IRRIGATION MAIN	---1R---	---1R---
POST INDICATOR VALVE	---P 9---	---P 9---
FENCE:		
CHAIN LINK	---O---O---	---O---O---O---
BARBED WIRE OR WELDED WIRE FABRIC	---X---X---	---X---X---X---
SECURITY	---XX---XX---	---XX---XX---XX---
SILT FENCE	---XXX---XXX---	---XXX---XXX---
ELECTRIC POWER LINE:		
OVERHEAD	---P---	---P---
UNDERGROUND	---P---UG---	---P---UG---
TELEPHONE LINE:		
OVERHEAD	---T---	---T---
UNDERGROUND	---T---UG---	---T---UG---
CONDUIT	=====	=====
UNDERGROUND ELECTRIC DUCT BANK	=====	=====
ASPHALT CORES, C#	⊗	
SOIL BORES, B#	⊗	
TEST PITS, TP#	⊗	
UTILITY POLE	⊙	●
ELECTRIC BUSS DUCT SUPPORT	⊖	⊖
TRANSFORMER	⊞	⊞
FLOOD LIGHTS	⊞	⊞
SWITCHING COMPARTMENT	⊞	⊞
SEWER (SAN OR COMB)	---SS---	---SS---
STORM DRAIN LINE	---SD---	---SD---
FUEL OIL VENT	---FOV---	---FOV---
DIRECTION OF FLOW	←---	←---
FIRE LINE	---F---	---F---
BUILDING	□	□
GATE VALVE	---◇---	---◇---
CHECK VALVE	---/---	---/---
BLOW-OFF VALVE	---BO---	---BO---
AIR RELEASE VALVE	---AR---	---AR---
CULVERT	--->---	--->---
PROPERTY LINE	-----	-----
EASEMENT LINE	-----	-----
CENTER LINE	-----	-----
FORCE MAIN	---FM---	---FM---
INDUSTRIAL WATER	---IW---	---IW---
SPLICE BOX	---○---	---○---
SOIL BORING		⊗ B-2
TREES:		
DECIDUOUS (WITH DIAM) OR PINE 6" TO 8"	24"	
EVERGREEN (WITH DIAM) OR OAK AND/OR SWEET GUM 6" TO 8"	18"	
PCC CONCRETE		
CRUSHED ROCK		
GRASSED AREA		

ELECTRICAL MANHOLE	
DEWATERING WELL	
TELEPHONE MANHOLE	
STORM MANHOLE	
SANITARY MANHOLE	
TYPE "A" INLET	
TYPE "B" INLET	
TYPE "C" INLET	
FIRE HYDRANT	
WATER GATE VALVE	
IRRIGATION CONTROL VALVE	
WATER METER	
WATER BLOWOFF VALVE	
FIBER OPTICS PULL BOX	
TELEPHONE PEDESTAL	
ELECTRICAL PULL BOX	
ELECTRICAL BOX	
POWER POLE	
GUY WIRE	
SIGN	
FENCE POST	
LIGHT POLE	
GAS METER	
CLEANOUT	
BURIED ELEC	
BURIED FIBER OPTICS	
BACK OF CURB	
EDGE OF ELECTRICAL DUCT BANK	
BURIED TELEPHONE	
WATERLINE	
WORK AREA LIMITS	
LIMIT OF DISTURBANCE (LOD)	

RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM

NOTE PER DEM:

Kindly be advised that this Permit is not equivalent to a verification of the type or extent of freshwater wetlands on site

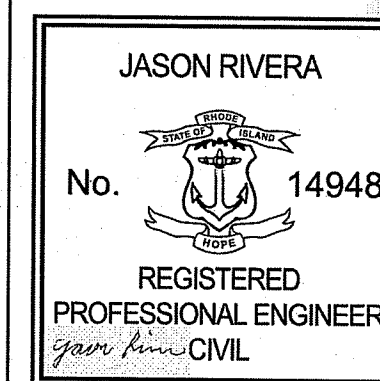
PARSONS

PTSI Managed Services Inc.
T4 New England
100 W. WALNUT STREET
PASADENA, CA 91124
(926)420-2000
PE.0008088-COA



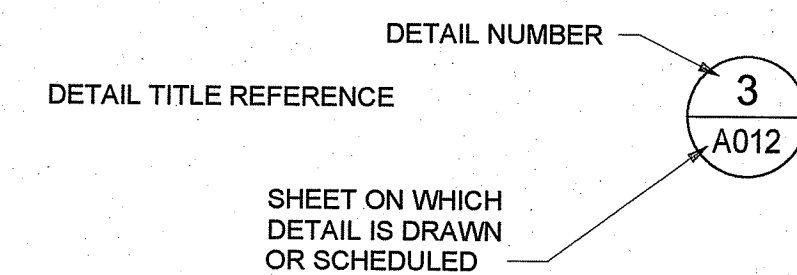
RELEASED FOR:

FINAL REV 3 – DECEMBER 2023

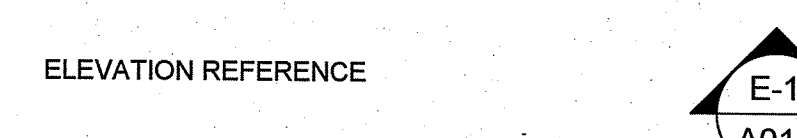
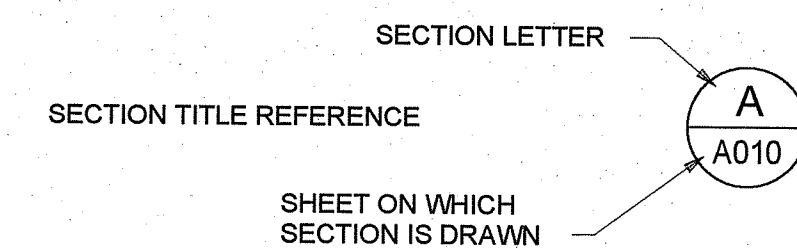


Digitally signed
by JASON
ELIJAH RIVERA
Date:
2024.02.22
14:35:21 -05'00'

SYMBOLS LEGEND



RI Environmental Management
FEB 26 2024
Office of Water Resources



RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM

APPROVED WITH CONDITIONS AS

SPECIFIED IN THE LETTER OF APPROVAL

DATED: MAR 21 2024 FILE #: 23-0112

NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL

APPROVED PLANS MUST BE AT CONSTRUCTION SITE

Nancy L. Freeman

RIDEM PERMITTING SET
DRAWING 2 OF 21

REVISION 3

B ISSUED FOR; CONSTRUCTION

A

GRADING AND DRAINAGE

1. CONTROL BENCHMARK PVD-1 (ELEVATION = 33.0 FF), IS LOCATED ONSITE AT TECH OPS BUILDING AND MAY BE USED TO CHECK THE ACCURACY OF ONSITE TEMPORARY BENCHMARKS:
2. ALL COORDINATES AND BEARINGS ARE REFERENCED TO THE RHODE ISLAND COORDINATE SYSTEM (NAD83, 2011 ADJUSTMENT, US SURVEY FEET).
3. FIELD VERIFY ALL ELEVATIONS AND FLOW LINES BY A LICENSED SURVEYOR TO PROVIDE A POSITIVE FLOW TO INLETS. THIS PLAN MUST BE SUBMITTED FOR APPROVAL BY COR. POUNDING OF WATER WILL NOT BE ACCEPTABLE AND MUST BE CORRECTED. IMMEDIATELY NOTIFY COR OF DIFFERING CONDITIONS FOUND.
4. FIELD VERIFY GRADES PRIOR TO ASPHALT PLACEMENT TO PROVIDE POSITIVE DRAINAGE TO GUTTERS AND INLETS, AROUND ISLANDS AND STRUCTURES AND AWAY FROM INTERSECTIONS AND PEDESTRIAN WALKS.
5. CLEAN ALL STORM DRAIN STRUCTURES INCLUDING SEDIMENT AND DEBRIS (BOTH EXISTING AND DEPOSITED FROM CONSTRUCTION) FROM DRAINAGE INLETS AND CATCH BASINS AT THE CONCLUSION OF THE PROJECT.
6. ALL STONE MUST BE CLEAN AND WASHED

RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM

Kindly be advised that this Permit is not equivalent to a verification of the type or extent of freshwater wetlands on site

GENERAL AIRPORT INFORMATION

- OWNER RHODE ISLAND AIRPORT CORPORATION (RIAC)
404 INDUSTRIAL WAY
WARWICK, RHODE ISLAND
MAP 321 / LOT 0004

FEDERAL AVIATION ADMINISTRATION - PVD
RIAC TECHNICAL OPERATIONS - JAY D'ESPINOSA
RIAC AIRFIELD MAINT. SUPER - JOHN VAUGHN
RIAC SECURITY - AARON KELLER
TF GREEN ARFF - WILLIAM GREENWOOD

- FAA MANAGER - JAMES TOOMEY
FAA ESU COORDINATOR - DON WALLACE
FAA SECURITY - KEVIN MCADAMS

FAA AIR TRAFFIC - JEFFERY KENNAWAY

- CONSTRUCTION DEBRIS**

- ## CAUTION NOTES

1. UNDERGROUND UTILITIES EXIST WITHIN AND ADJACENT TO THE LIMITS OF CONSTRUCTION. AN
UNDERGROUND WAS MADE TO LOCATE THESE UTILITIES ON THE PLANS, HOWEVER, ALL EXISTING
UTILITIES MAY NOT BE SHOWN AND THE ACTUAL LOCATIONS OF THE UTILITIES MAY VARY FROM THE
LOCATIONS SHOWN. PRIOR TO BEGINNING ANY TYPE OF EXCAVATION,
PERFORM A UTILITY LOCATE, INCLUDING HAND-DIGGING, PER THE SPECIFICATIONS. MAINTAIN THE
UTILITY LOCATION MARKINGS UNTIL THEY ARE NO LONGER NECESSARY.
2. PER RHODE ISLAND STATE LAW, THE UNDERGROUND FACILITIES DAMAGE PREVENTION ACT, REQUIRES
TWO WORKING DAYS ADVANCE NOTIFICATION THROUGH THE RHODE ISLAND ONE-CALL SYSTEM
CONTACT BEFORE EXCAVATING USING MECHANIZED EQUIPMENT OR EXPLOSIVES (EXCEPT IN THE
CASE OF AN EMERGENCY). THE ONE-CALL SYSTEM PHONE NUMBER IS 1-888-344-7233. THERE IS A
SEVERE PENALTY FOR NOT MAKING THIS CALL. NOT ALL UTILITY COMPANIES ARE MEMBERS OF THE
RHODE ISLAND ONE-CALL SYSTEM; THEREFORE, CONTACT ALL NON-MEMBER UTILITIES
AS WELL AS THE ONE-CALL SYSTEM.

CONSTRUCTION TOILET FACILITIES

1. PORTABLE CHEMICAL TOILETS AND HAND WASH FACILITIES MUST BE PROVIDED. DO NOT USE TOILETS INSIDE FACILITY. COORDINATE LOCATION WITH COR.

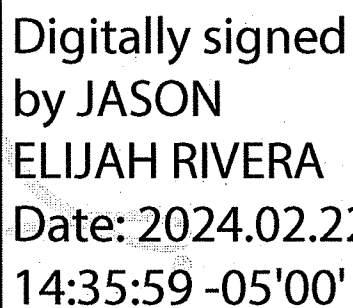
DEMOLITION AND CONSTRUCTION HOURS

1. DO NOT INTERFERE WITH AIR TRAFFIC CONTROL FUNCTION OF THIS FACILITY DEMOLITION AND CONSTRUCTION NOISE MUST BE MINIMIZED BETWEEN 9:00 AM TO 5:00 PM OR AS DIRECTED BY COR.
2. NOISY DEMOLITION (INSIDE OR OUTSIDE) AND OFF-HOURS CONSTRUCTION ACTIVITIES MUST BE SCHEDULED, COORDINATED AND APPROVED IN WRITING BY COR WITH A MINIMUM OF 10 (TEN) WORKING DAYS NOTICE IN ADVANCE OF PERFORMANCE OF THE WORK.
3. CONCRETE SAWING, CORE DRILLING, CONCRETE DEMOLITION AND ANCHOR DRILLING MUST BE ALLOWED ONLY AT PREARRANGED TIMES APPROVED BY COR. SCHEDULE, COORDINATE AND HAVE APPROVAL BY COR IN WRITING, A MINIMUM OF 10 (TEN) WORKING DAYS BEFORE THE PERFORMANCE OF THE WORK. UTILIZE WET METHODS DURING SAWCUTTING CONCRETE TO CONTROL SILICA DUST IN ACCORDANCE WITH OSHA REGULATIONS.

EROSION AND SEDIMENT CONTROL

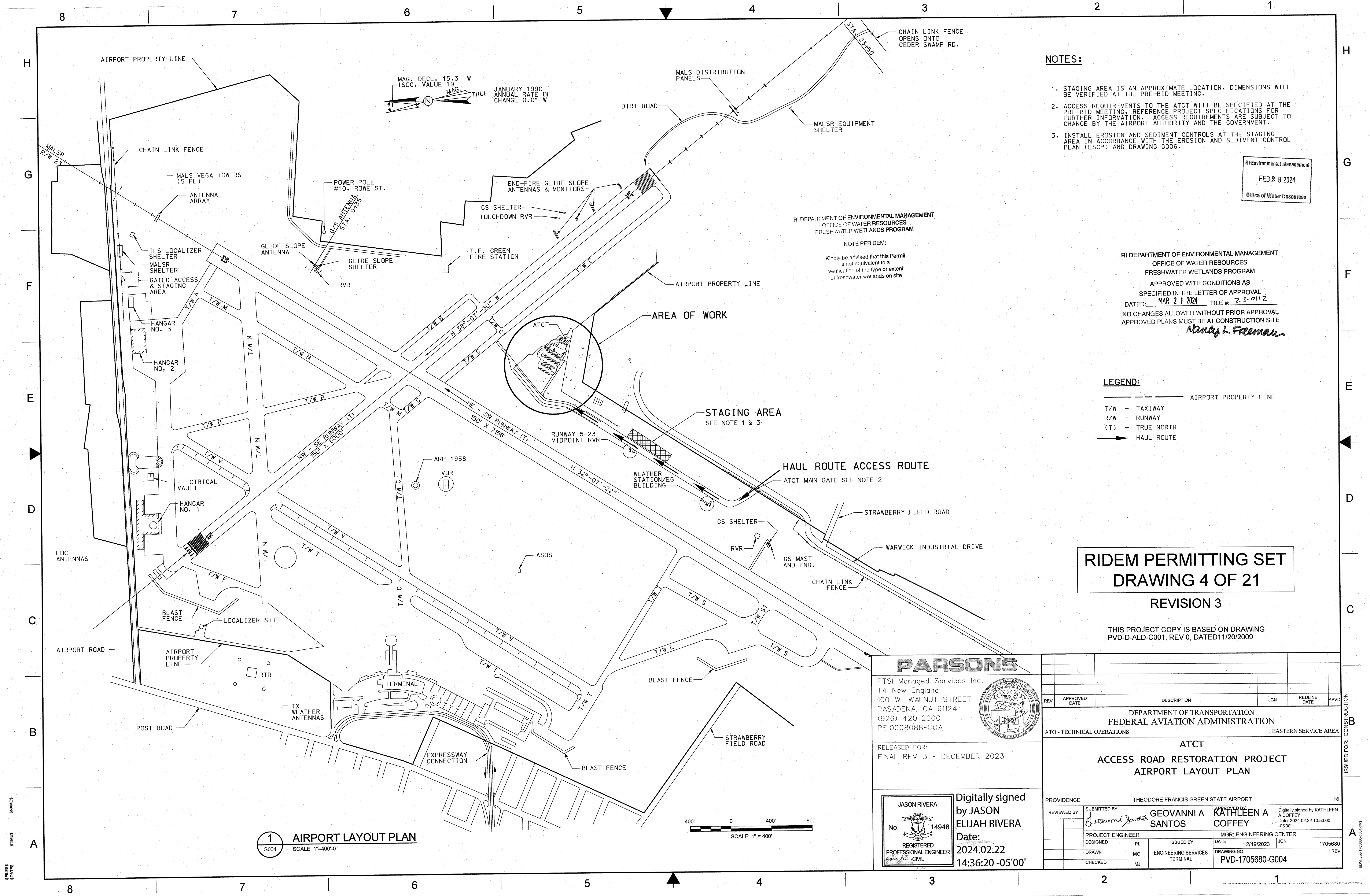
1. EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE IN ACCORDANCE WITH THE RHODE ISLAND SOIL EROSION AND SEDIMENT CONTROL HAND BOOK 2016 UNLESS OTHERWISE NOTED.
2. PROVIDE AN EROSION AND SEDIMENT CONTROL PLAN FOR APPROVAL PRIOR TO STARTING WORK. COR MAY DIRECT THE CONTRACTOR TO ADD OR ADJUST SEDIMENT CONTROL MEASURES AS NECESSARY BASED ON FIELD CONDITIONS.
3. INSTALL PERIMETER SEDIMENT CONTROL MEASURES PRIOR TO INITIATING ANY EARTHWORK.
4. SEDIMENT CONTROL MEASURES MUST BE MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT, AND ARE TO BE REMOVED ONLY WHEN ALL DISTURBED AREAS ARE STABILIZED AND APPROVED BY THE COR.

PTSI Managed Services Inc.
T4 New England
100 W. WALNUT STREET
PASADENA, CA 91124
(926) 420-2000
PE.0008088-COA



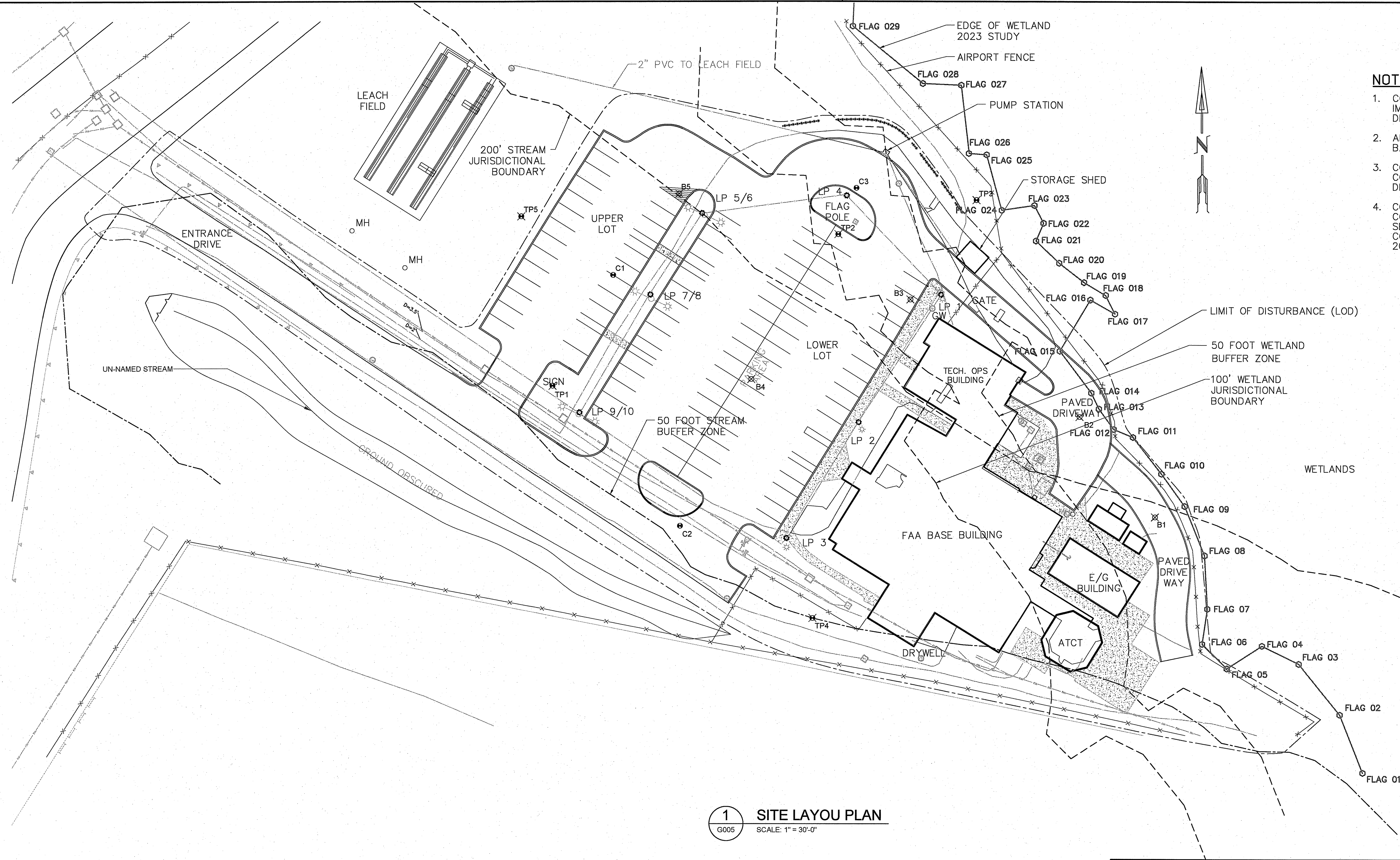
ISSUED FOR: CONSTRUCTION

ՀԵՐՄ: 000017088800003 ժյո



H
G
F
E
D
C
B
A

H
G
F
E
D
C
B
A



- NOTE:**
1. CONTRACTOR SHALL FIELD VERIFY WORK AREA CONDITIONS AND IMMEDIATELY INFORM THE COR, IN WRITING, IF CONDITIONS ARE DIFFERENT.
 2. ALL DIMENSIONS ARE MEASURED TO BUILDING LINES OR TO BACK OF CURB, UNLESS OTHERWISE NOTED.
 3. CONTRACTOR MUST VERIFY EXISTING DIMENSIONS AND CONDITIONS IN FIELD PRIOR TO BEGINNING WORK. DISCREPANCIES SHALL BE BROUGHT TO THE COR.
 4. CONTRACTOR TO VERIFY PERFORM SITE/SOIL SURVEY TO COMPLY WITH CONTRACT'S SPECIFICATIONS, PARTICULARLY SECTION 32 12 00. CONTRACTOR TO PROVIDE MIX DESIGN TO COMPLY WITH RIDOT'S FLEXIBLE (HMA) PAVEMENT SECTION - 2018 RIDOT SSRBC.

RI Department of Environmental Management
Office of Water Resources
FEB 26 2024

RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS AS
SPECIFIED IN THE LETTER OF APPROVAL
DATED: MAR 21 2024 FILE #: 23-0112
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE
Emily L. Freeman

**RIDEM PERMITTING SET
DRAWING 5 OF 21
REVISION 3**

THIS PROJECT COPY IS BASED ON DRAWINGS,
PVD-M-ATCT-CIVIL, PVD-M-ATCT-BLDG,
PVD-M-ATCT-TOPO, AND PVD-M-ATCT-UTIL,
DATED 12/14/2022.

1 SITE LAYOUT PLAN
SCALE: 1" = 30'-0"

RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM

NOTE PER DEM:
Kindly be advised that this Permit
is not equivalent to a
verification of the type or extent
of freshwater wetlands on site

PARSONS

PTSI Managed Services Inc.
T4 New England
100 W. WALNUT STREET
PASADENA, CA 91124
(926) 420-2000
PE.0008088-COA

RELEASED FOR:
FINAL REV 3 - DECEMBER 2023

JASON RIVERA
No. 14948
REGISTERED
PROFESSIONAL ENGINEER
Civil

Digitally signed
by JASON
ELIJAH RIVERA
Date: 2024.02.22
14:36:39 -05'00'

REV	APPROVED DATE	DESCRIPTION	JCN	REDLINE DATE	APVD
DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION ATO - TECHNICAL OPERATIONS EASTERN SERVICE AREA					
ATCT ACCESS ROAD RESTORATION PROJECT EXISTING CONDITIONS					
PROVIDENCE THEODORE FRANCIS GREEN STATE AIRPORT RI					
SUBMITTED BY <i>Geovanni A Santos</i> GEOVANNI A SANTOS		APPROVED BY KATHLEEN A COFFEY Digitally signed by KATHLEEN A COFFEY Date: 2024.02.22 10:53:26 -05'00'			
PROJECT ENGINEER DESIGNED PL		MGR: ENGINEERING CENTER DATE 12/20/2023 JCN 1705680			
DRAWN MG		ISSUED BY ENGINEERING SERVICES TERMINAL			
CHECKED MJ		DRAWING NO PVD-1705680-G005			

ISSUED FOR: CONSTRUCTION

SPRINGS
SPRINGS
SPRINGS

H
G
F
E
D
C
B
A

Construction Phasing Plan

The project will be completed in 6 separate phases. Phases will be completed in order and one-at-a-time. No work will begin on a phase until the previous phase is substantially completed and accepted by the COR. Individual phases are described below.

Project Duration: The proposed construction schedule for all work phases is 140 CALENDAR days

The contractor must develop a detailed construction phasing - traffic control plan with schedule taking into account safe traffic and pedestrian movement during the work. In addition, the plan shall address the needs for emergency vehicle/personnel access during construction. The contractor must coordinate with the local and airport emergency response teams when developing the plan. The plan must be submitted to FAA and RIAC for final approval. A minimum of 2 HC accessible spaces with route to accessible entrance must be provided for the duration of each phase.

Phase 1: Mobilization - Subject to notice to proceed (NTP) see division 01 for requirements

Phase 1 activities include; mobilization, establishment of staging area and temporary parking, utility location-marking requirements, shut-down of facility gas main and purging of the supply line, installation of temporary erosion controls, set up of sub-contractor temporary facilities. Facility Impacts: Phase 1 impacts must be minimal to facility. Minor temporary interruptions of parking sequence may be requested in advance of activity. Phase 1 will also include the electrical conduit and wiring required for the parking lot lighting circuit including handhole. Duration of Phase 1: 30 days

Phase 2: Rear Access Area Repairs

Phase 2 activities include; removal of pavement and curbing from rear access driveways, demolition of island including salvage of flagpole and parking lot light, demolition of fences and gates, grading and filling of roadways and side slopes, placement of new pavement for rear access road and drive, replacement of sanitary sewer line, installation of new concrete curbing along building side, installation of new fencing and rear gates, storm water infiltration area installation, and final landscaping. Phase 2 also provides replacement of the storage shed. The work must be sequenced for the existing shed to remain in place until the new storage shed is constructed and energized. The airport gate circuit will be operational from the new shed prior to approval for demolition of the existing storage shed. Facility Impacts: During Phase 2 the Rear Loading Area and EG Building will not be accessible to traffic. Deliveries cannot be accepted thru this area. Provide a temporary alternative means for deliveries acceptable to the FAA. Remove temporary improvements once deliveries have resume. Duration Phase 2: 45 days

Phase 3: Lower Parking Lot Reconstruction

Phase 3 activities include; removal of pavement and gravel bases, removal of concrete sidewalk and steps, removal of raised parking island, installation of electrical conduit and wiring for parking lot lighting circuit, placement and compaction of gravel bases, fine grading of area, installation of new concrete sidewalks and steps, pavement placement, and pavement marking. Facility Impacts: During Phase 3 the lower lot and rear access roadway will be unavailable for use. Parking will be in the upper lot and the auxiliary lot (location TBD). Temporary walkways will be established along the access drive for the site. Provide temporary lighting along temporary walkways. 2 temporary handicap spaces must be established and maintained for the duration of Phase 3 work. Duration Phase 3: 30 days

Phase 4: Upper Lot Paving Replacement

Phase 4 activities include; removal of pavement and curbing on upper lot, remove section of parking island including curbing and landscaping, installation of stone filter strip, placement of new pavement, re-building of island, installation of storm water management features, and pavement marking. Facility Impacts: Phase 4 impacts should be minor parking disruptions and temporary traffic flow changes to accommodate paving operations. Duration Phase 4: 14 days

Phase 5: Entry Drive Paving Replacement

Phase 5 activities include; removal of pavement and curbing on remaining section of entry drive, regrading of entry road, placement of new pavement, loam and sod disturbed areas as required. Facility Impacts: Phase 5 impacts will be temporary and short in duration. Traffic flow in/out of the facility will be restricted during the work. Duration Phase 5: 7 days

Phase 6: Final Clean-Up and Demobilization

Phase 6 activities include; loam and sodding of disturbed areas, pavement sweeping, CAI activities, demobilization including removal of equipment and temporary facilities, removal of temporary erosion and sediment controls upon approval from RIAC/RIDEM in collaboration with COR. Duration Phase 6: 14 days

CONSTRUCTION PHASING PLAN
SCALE: 1" = 30'-0"

RIDEM PERMITTING SET
DRAWING 7 OF 21
REVISION 3

30' 0 30' 60'
SCALE: 1" = 30'

PARSONS

PTSI Managed Services Inc.
T4 New England
100 W. WALNUT STREET
PASADENA, CA 91124
PE.0008088-COA



RELEASED FOR:

FINAL - DECEMBER 2023

JASON RIVERA
No. 14948
REGISTERED
PROFESSIONAL ENGINEER
Civil

Digitally signed
by JASON
ELIJAH RIVERA
Date:
2024.02.22
14:38:52 -05'00'

REV	APPROVED DATE	DESCRIPTION	JCN	REDLINE DATE	APVD
DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION ATO - TECHNICAL OPERATIONS EASTERN SERVICE AREA ATCT ACCESS ROAD RESTORATION PROJECT CONSTRUCTION PHASING PLAN					
PROVIDENCE THEODORE FRANCIS GREEN STATE AIRPORT RI					
SUBMITTED BY	GEOVANNI A SANTOS		APPROVED BY KATHLEEN A COFFEY		
PROJECT ENGINEER	DESIGNED PL		MGR: ENGINEERING CENTER		
DRAWN MG	ISSUED BY ENGINEERING SERVICES TERMINAL		DATE 12/23/2023 JCN 1705680		
CHECKED MJ	DRAWING NO		PVD-1705680-G007		

RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM

NOTE PER DEM:

Kindly be advised that this Permit is not equivalent to a verification of the type or extent of freshwater wetlands on site

RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM

APPROVED WITH CONDITIONS AS SPECIFIED IN THE LETTER OF APPROVAL

DATED: MAR 21 2024 FILE #: 23-0112

NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

Nancy L. Freeman

LEGEND

MOBILEIZATION PHASE 1

PHASE 2

PHASE 3

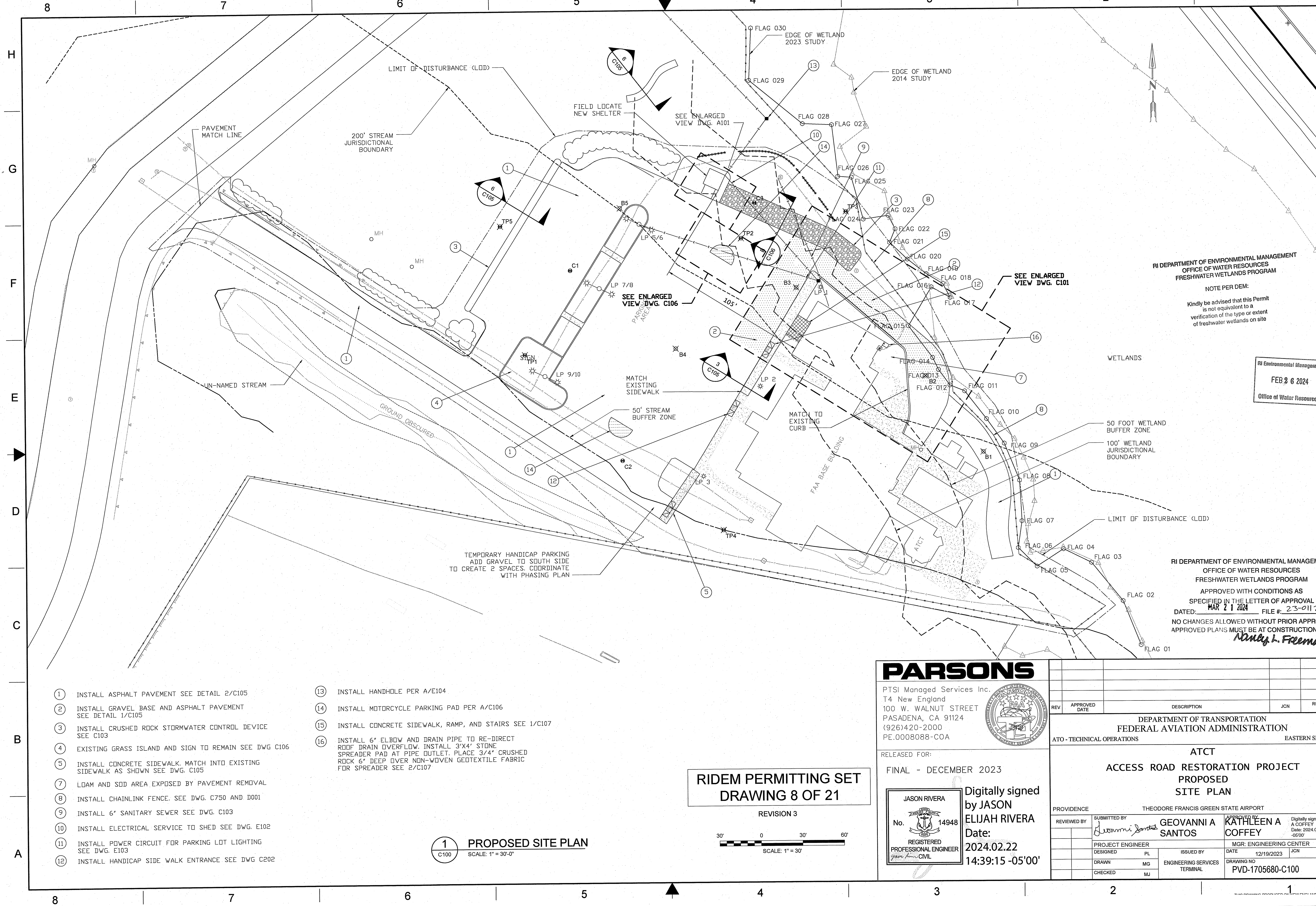
PHASE 4

PHASE 5

CLEAN-UP & DEMOBILIZATION PHASE 6

RI Environmental Management
FEB 26 2024
Office of Water Resources

H
G
F
E
D
C
B
A



RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM

NOTE PER DEM:
Kindly be advised that this Permit
is not equivalent to a
verification of the type or extent
of freshwater wetlands on site

RI Environmental Management
FEB 26 2024
Office of Water Resources

RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM

APPROVED WITH CONDITIONS AS
SPECIFIED IN THE LETTER OF APPROVAL
DATED: MAR 21 2024 FILE #: 23-0112
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

Nancy L. Freeman

- 1 INSTALL ASPHALT PAVEMENT SEE DETAIL 2/C105
- 2 INSTALL GRAVEL BASE AND ASPHALT PAVEMENT SEE DETAIL 1/C105
- 3 INSTALL CRUSHED ROCK STORMWATER CONTROL DEVICE SEE C103
- 4 EXISTING GRASS ISLAND AND SIGN TO REMAIN SEE DWG C106
- 5 INSTALL CONCRETE SIDEWALK, MATCH INTO EXISTING SIDEWALK AS SHOWN SEE DWG. C105
- 7 LOAM AND SOD AREA EXPOSED BY PAVEMENT REMOVAL
- 8 INSTALL CHAINLINK FENCE. SEE DWG. C750 AND D001
- 9 INSTALL 6" SANITARY SEWER SEE DWG. C103
- 10 INSTALL ELECTRICAL SERVICE TO SHED SEE DWG. E102
- 11 INSTALL POWER CIRCUIT FOR PARKING LOT LIGHTING SEE DWG. E103
- 12 INSTALL HANDICAP SIDE WALK ENTRANCE SEE DWG C202
- 13 INSTALL HANDHOLE PER A/E104
- 14 INSTALL MOTORCYCLE PARKING PAD PER A/C106
- 15 INSTALL CONCRETE SIDEWALK, RAMP, AND STAIRS SEE 1/C107
- 16 INSTALL 6" ELBOW AND DRAIN PIPE TO RE-DIRECT ROOF DRAIN OVERFLOW. INSTALL 3'X4' STONE SPREADER PAD AT PIPE OUTLET. PLACE 3/4" CRUSHED ROCK 6" DEEP OVER NON-WOVEN GEOTEXTILE FABRIC FOR SPREADER SEE 2/C107

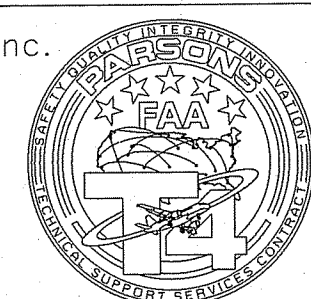
1 PROPOSED SITE PLAN
C100 SCALE: 1" = 30'-0"

RIDEM PERMITTING SET
DRAWING 8 OF 21

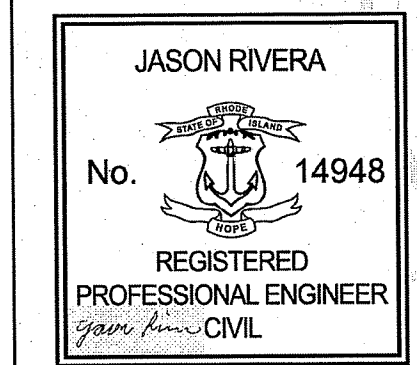
REVISION 3
30' 0 30' 60'
SCALE: 1" = 30'

PARSONS


PTSI Managed Services Inc.
T4 New England
100 W. WALNUT STREET
PASADENA, CA 91124
(926)420-2000
PE.0008088-COA



RELEASED FOR:
FINAL - DECEMBER 2023

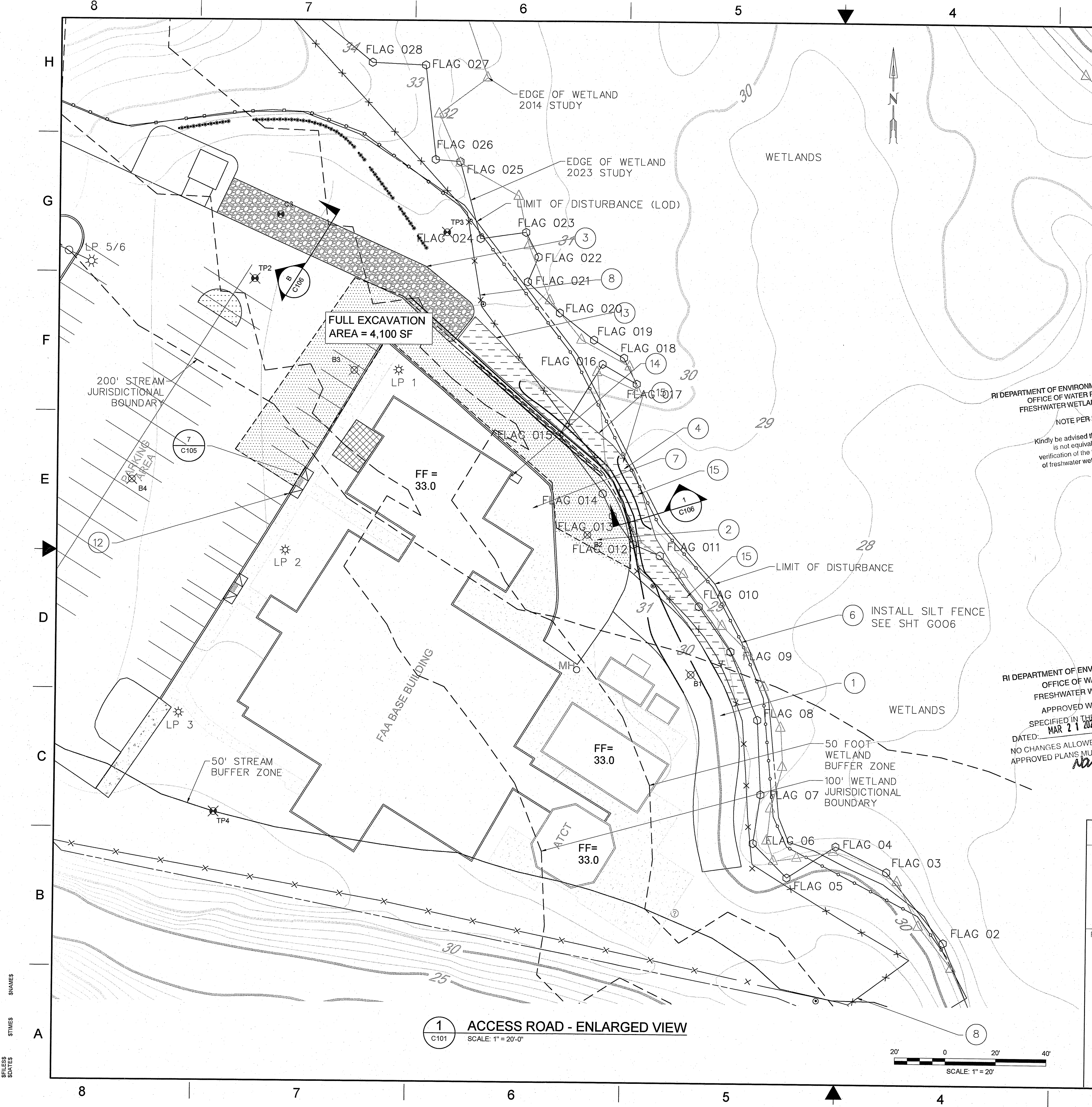


Digitally signed
by JASON
ELIJAH RIVERA
Date:
2024.02.22
14:39:15 -05'00'

REV	APPROVED DATE	DESCRIPTION	JCN	REDLINE DATE	APVD
DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION					
ATO - TECHNICAL OPERATIONS			EASTERN SERVICE AREA		
ATCT					
ACCESS ROAD RESTORATION PROJECT					
PROPOSED					
SITE PLAN					
THEODORE FRANCIS GREEN STATE AIRPORT					
RI					
REVIEWED BY	SUBMITTED BY	GEOVANNI A SANTOS		APPROVED BY KATHLEEN A COFFEY	
				Digitally signed by KATHLEEN A COFFEY Date: 2024.02.22 10:54:44 -05'00'	
	PROJECT ENGINEER			MGR: ENGINEERING CENTER	
	DESIGNED PL	ISSUED BY		DATE 12/19/2023	JCN 1705680
	DRAWN MG	ENGINEERING SERVICES		DRAWING NO	REV
	CHECKED MJ	TERMINAL		PVD-1705680-C100	

SP/LESS
S/ATES
S/AMES

EDW-pvd-1705680-C100.dwg



- NOTES
1. INSTALL ASPHALT PAVEMENT SEE DWG. DETAIL 2/C105
 2. INSTALL GRAVEL BASE AND ASPHALT PAVEMENT SEE DWG. DETAIL 1/C105
 3. INSTALL CRUSHED ROCK STORMWATER CONTROL DEVICE
 4. INSTALL COMMON BORROW LOAM, AND SEED FOR SIDE SLOPE
 5. INSTALL CONCRETE SIDEWALK, MATCH INTO EXISTING SIDEWALK AS SHOWN SEE DWG. DETAIL 3/C105
 6. PLACE SILT FENCE AND WATTLES ALONG LIMIT OF DISTURBANCE LINE
 7. LOAM AND SEED AREA EXPOSED BY PAVEMENT REMOVAL
 8. INSTALL CHAINLINK FENCE, (350+/- L.F.) AND GATES SEE DWG. C750
 9. INSTALL 6" SANITARY SEWER SEE DWG. C103
 10. INSTALL HANDICAP SIDE WALK ENTRANCE
 11. INSTALL EXCELLSIOR BLANKETS ON SIDE SLOPES
 12. INSTALL 6" ELBOW AND PIPE TO RE-DIRECT ROOF DRAIN OVERFLOW OUTLET
 13. APPLY HERBICIDE ON SIDE SLOPES AND 25 FEET FROM FENCELINE SEE SPEC SECTION 32 92 00 FOR APPLICATION DETAILS

- LEGEND
- SLOPE REMEDIATION AREA, SEE NOTES FOR WORK DETAILS
 - FULL DEPTH ROADWAY REHABILITATION AREA
 - STONE FILTRATION AREA, SEE DETAIL B/C106

RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM

NOTE PER DEM:
Kindly be advised that this Permit is not equivalent to a verification of the type or extent of freshwater wetlands on site

RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM

APPROVED WITH CONDITIONS AS SPECIFIED IN THE LETTER OF APPROVAL
DATED: MAR 21 2024 FILE #: 23-0112
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

Nancy L. Freeman

RI Environmental Management
FEB 26 2024
Office of Water Resources

RIDEM PERMITTING SET
DRAWING 9 OF 21
REVISION 3

PARSONS

PTSI Managed Services Inc.
T4 New England
100 W. WALNUT STREET
PASADENA, CA 91124
(926)420-2000
PE.0008088-COA

RELEASED FOR:
FINAL REV 3 - NOVEMBER 2023

JASON RIVERA
No. 14948
REGISTERED PROFESSIONAL ENGINEER
Civil

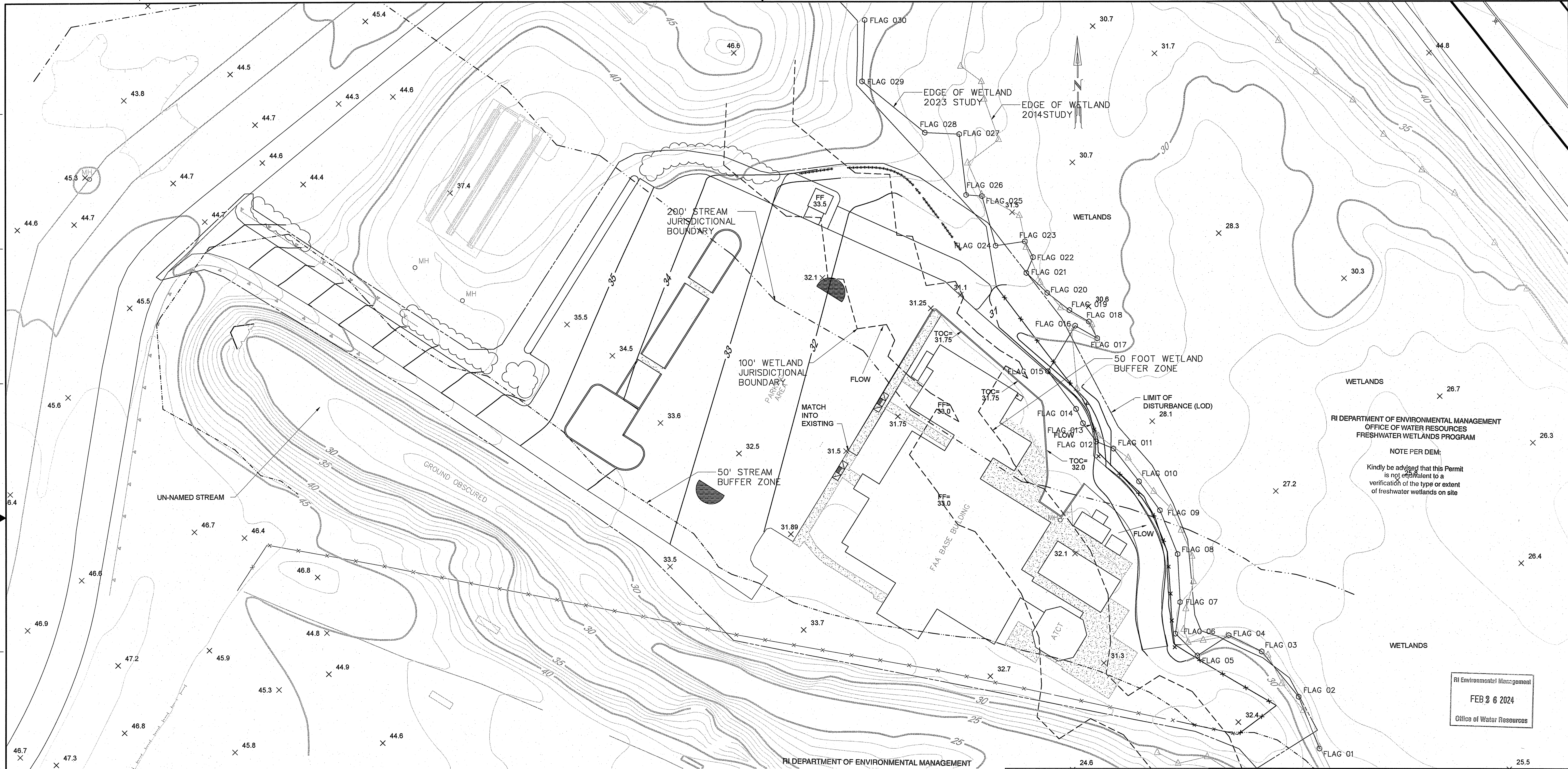
Digitally signed by
JASON ELIJAH RIVERA
Date: 2024.02.22 14:39:49 -05'00'

REV	APPROVED DATE	DESCRIPTION	JCN	REDLINE DATE	APVD
DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION ATO - TECHNICAL OPERATIONS EASTERN SERVICE AREA					
ATCT ACCESS ROAD RESTORATION PROJECT ACCESS ROAD ENLARGED					
PROVIDENCE THEODORE FRANCIS GREEN STATE AIRPORT RI					
SUBMITTED BY <i>Geovanni Santos</i> GEOVANNI A SANTOS		APPROVED BY <i>Kathleen A Coffey</i> KATHLEEN A COFFEY Digitally signed by KATHLEEN A COFFEY Date: 2024.02.22 10:55:08 -05'00'			
PROJECT ENGINEER DESIGNED PL		ISSUED BY DATE 12/19/2023 JCN		MGR: ENGINEERING CENTER DATE 12/19/2023 JCN	
DRAWN MG		ENGINEERING SERVICES CHECKED MJ		DRAWING NO PVD-1705680-C101	

ISSUED FOR: CONSTRUCTION

SPRINGS
STIMES
SNAMES

H
G
F
E
D
C
B
A



1
C102
PROPOSED GRADING PLAN
SCALE: 1" = 30'-0"

RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS AS
SPECIFIED IN THE LETTER OF APPROVAL
DATED: MAR 21 2024 FILE #: 23-0112
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE
Nancy L. Freeman

RIDEM PERMITTING SET
DRAWING 10 OF 21
REVISION 3
30' 0 30' 60'
SCALE: 1" = 30'

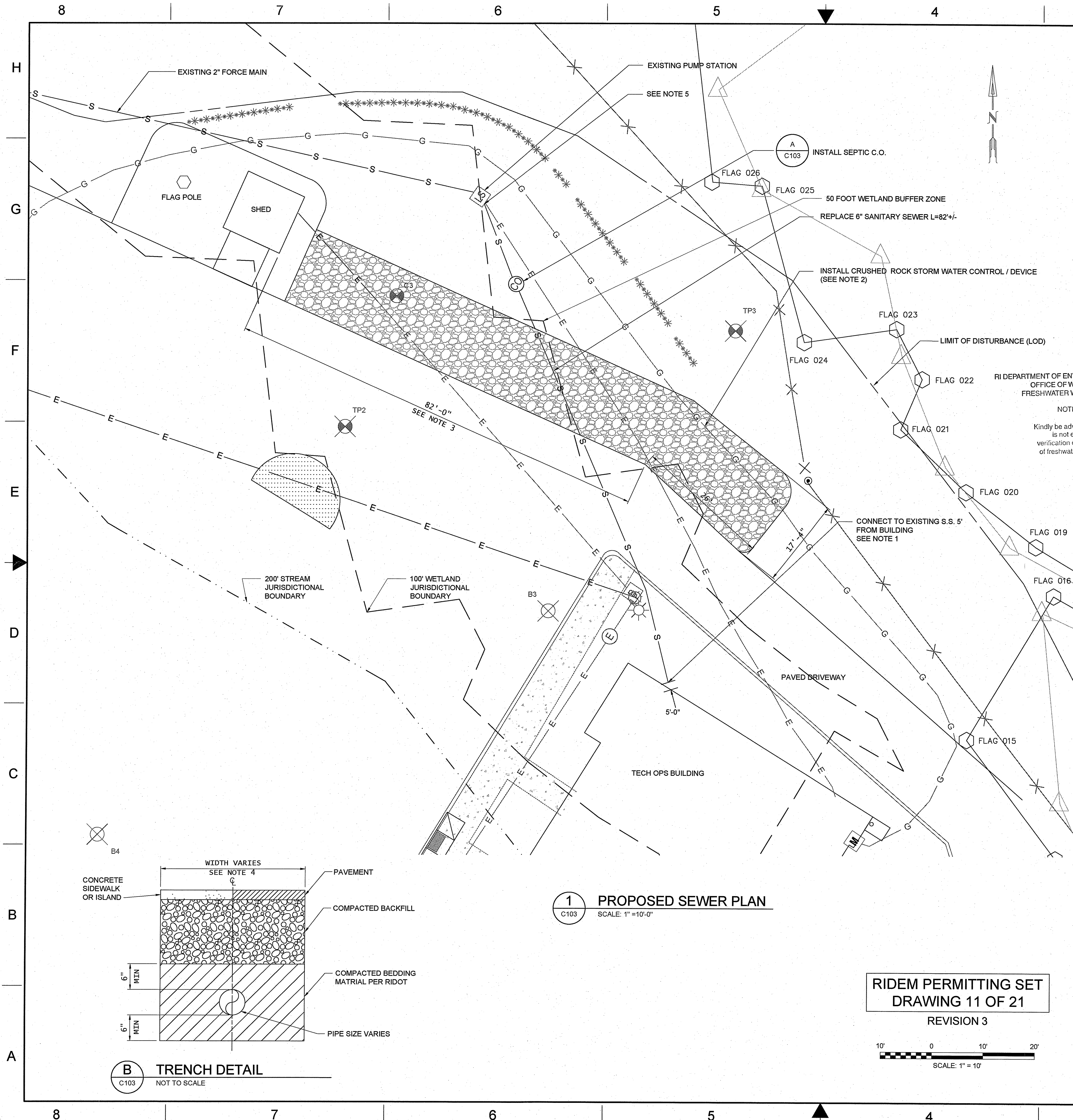
PARSONS
PTSI Managed Services Inc.
T4 New England
100 W. WALNUT STREET
PASADENA, CA 91124
(926) 420-2000
PE.0008088-COA

RELEASED FOR:
FINAL - DECEMBER 2023
Digitally signed by JASON RIVERA
Date: 2024.02.22 14:40:14 -05'00'
JASON RIVERA
No. 14948
REGISTERED PROFESSIONAL ENGINEER
gavin.finn CIVIL

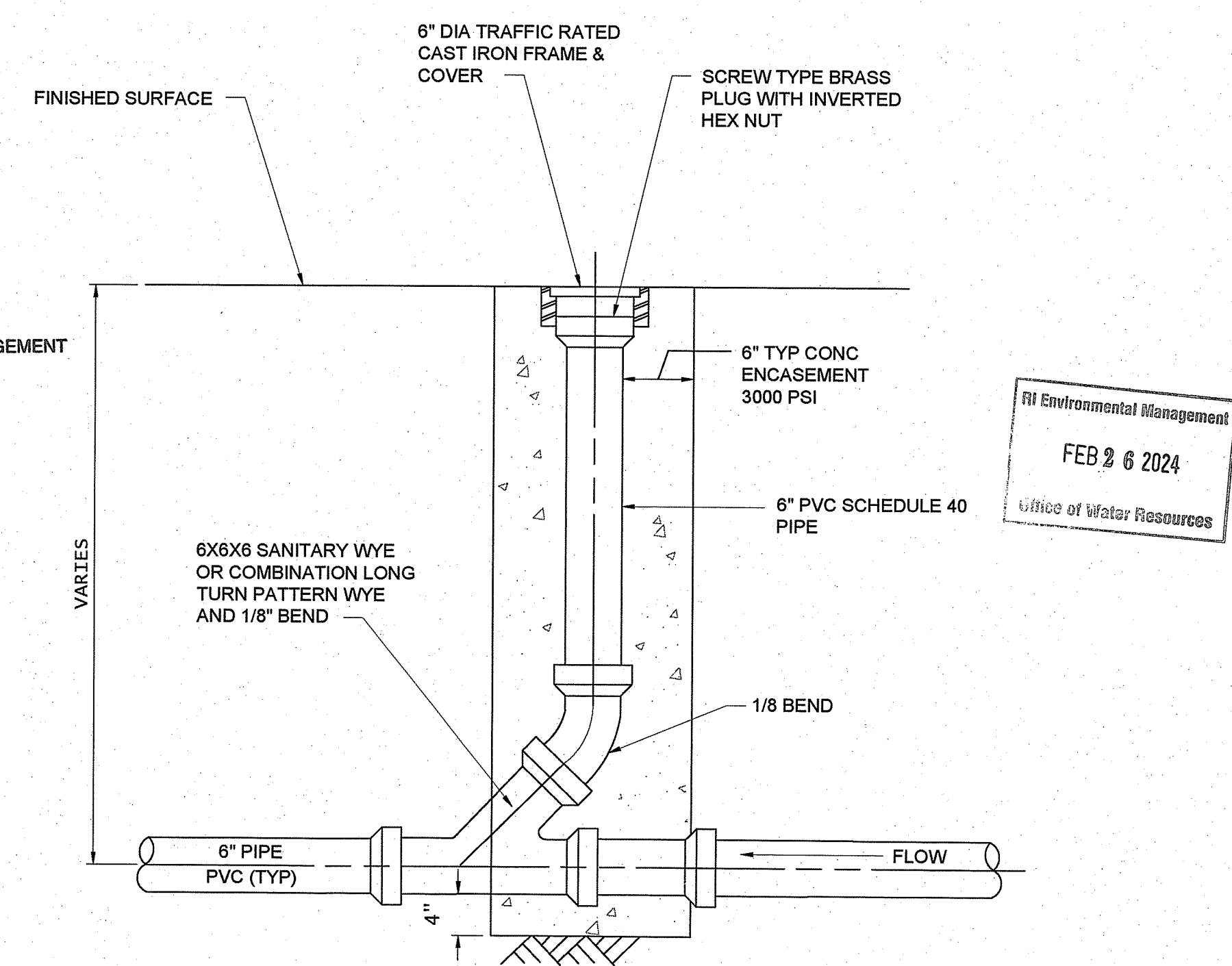
REV	APPROVED DATE	DESCRIPTION	JCN	REDLINE DATE	APVD
DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION ATO - TECHNICAL OPERATIONS EASTERN SERVICE AREA					
ATCT ACCESS ROAD RESTORATION PROJECT GRADING PLAN					
PROVIDENCE RI THEODORE FRANCIS GREEN STATE AIRPORT					
REVIEWED BY	SUBMITTED BY	APPROVED BY		Digitally signed by KATHLEEN A COFFEY Date: 2024.02.22 10:55:31 -05'00'	
	<i>Geovanni Santos</i>	GEOVANNI A SANTOS		KATHLEEN A COFFEY	
PROJECT ENGINEER		MGR: ENGINEERING CENTER			
DESIGNED	PL	ISSUED BY	DATE	JCN	1705680
DRAWN	MG	ENGINEERING SERVICES	12/19/2023		
CHECKED	MJ	TERMINAL	DRAWING NO	REV	
			PVD-1705680-C102		

ISSUED FOR: CONSTRUCTION

EDM: pvd-1705680-C102.dwg



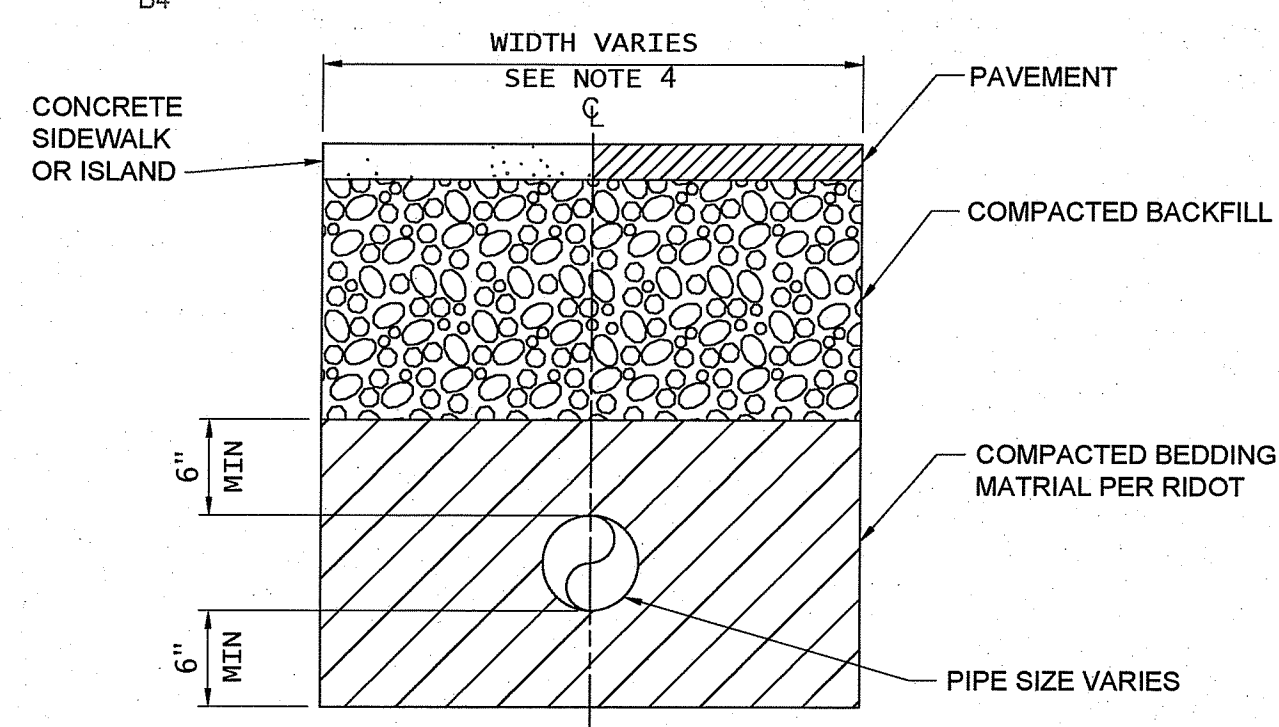
- NOTES:
1. CONNECT SEWER LINE TO EXISTING WITH A FLEXIBLE PLASTIC TRANSITION COUPLING CONFORMING TO ASTM C1173 AND D5926.
 2. DIMENSIONS SHOWN FOR THE CRUSHED ROCK ARE APPROXIMATE AND MAYBE ADJUSTED IN THE FIELD BY THE COR. ROCK TO MEET RIDOT SPECIFICATION M.01.09, TABLE 1, 9" MINIMUM THICKNESS PLACED ON GEOTEXTILE FABRIC.
 3. FOR ADDITIONAL LAYOUT INFORMATION ON THE SHED, SEE A100.
 4. MINIMUM WIDTH IS THE OUTSIDE PIPE DIAMETER PLUS 18" ON EITHER SIDE OF THE PIPE. COMPACT SOIL IN 8" LIFTS, WITH 6 PASSES OF A VIBRATORY PLATE COMPACTOR. EXCAVATION SHALL BE SHORED AND/OR SLOPED TO MEET OSHA TRENCHING REGULATIONS. AVOID UNDERMINING ADJACENT STRUCTURES AND UTILITIES.
 5. CONNECT NEW SEWER LINE TO PUMP STATION AT SAME LOCATION AS PREVIOUS SEWER LINE. SEAL AROUND PIPE WITH GROUT.



NOTES:
FITTINGS FOR CLEANOUT SHALL BE
SUITABLE FOR PIPE MATERIALS USED

A TYPICAL CLEANOUT DETAIL
C103 NOT TO SCALE

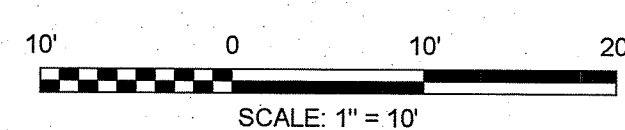
RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS AS
SPECIFIED IN THE LETTER OF APPROVAL
DATED: **MAR 21 2024** FILE #: **23-0112**
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE
Nancy L. Freeman



B TRENCH DETAIL
C103 NOT TO SCALE

1 PROPOSED SEWER PLAN
C103 SCALE: 1" = 10'-0"

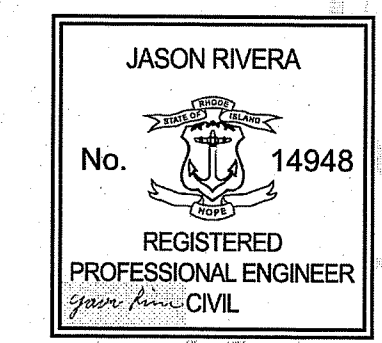
RIDEM PERMITTING SET
DRAWING 11 OF 21
REVISION 3



PARSONS

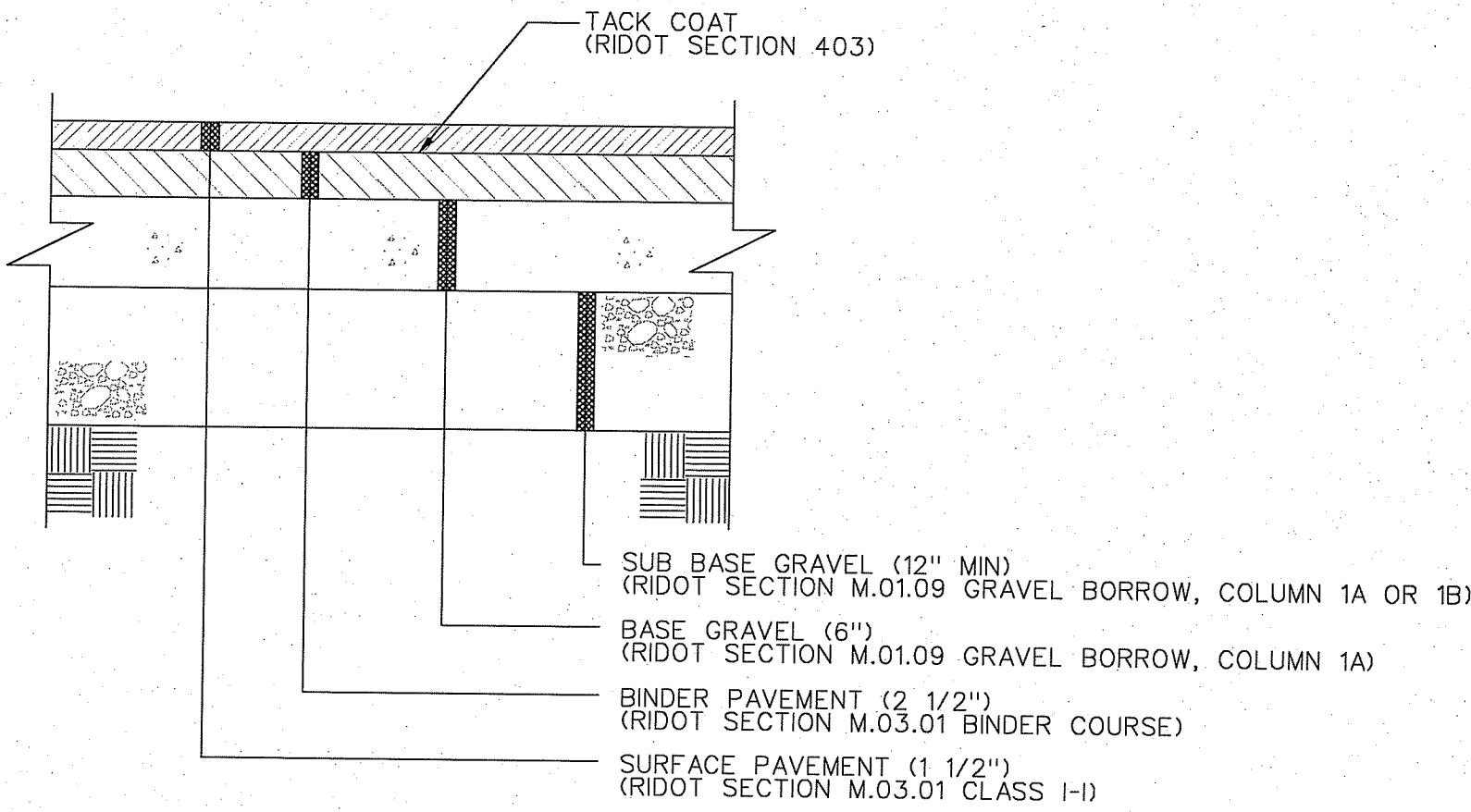
PTSI Managed Services Inc.
T4 New England
100 W. WALNUT STREET
PASADENA, CA 91124
(926)420-2000
PE.0008088-COA

RELEASED FOR:
FINAL REV 3 - DECEMBER 2023



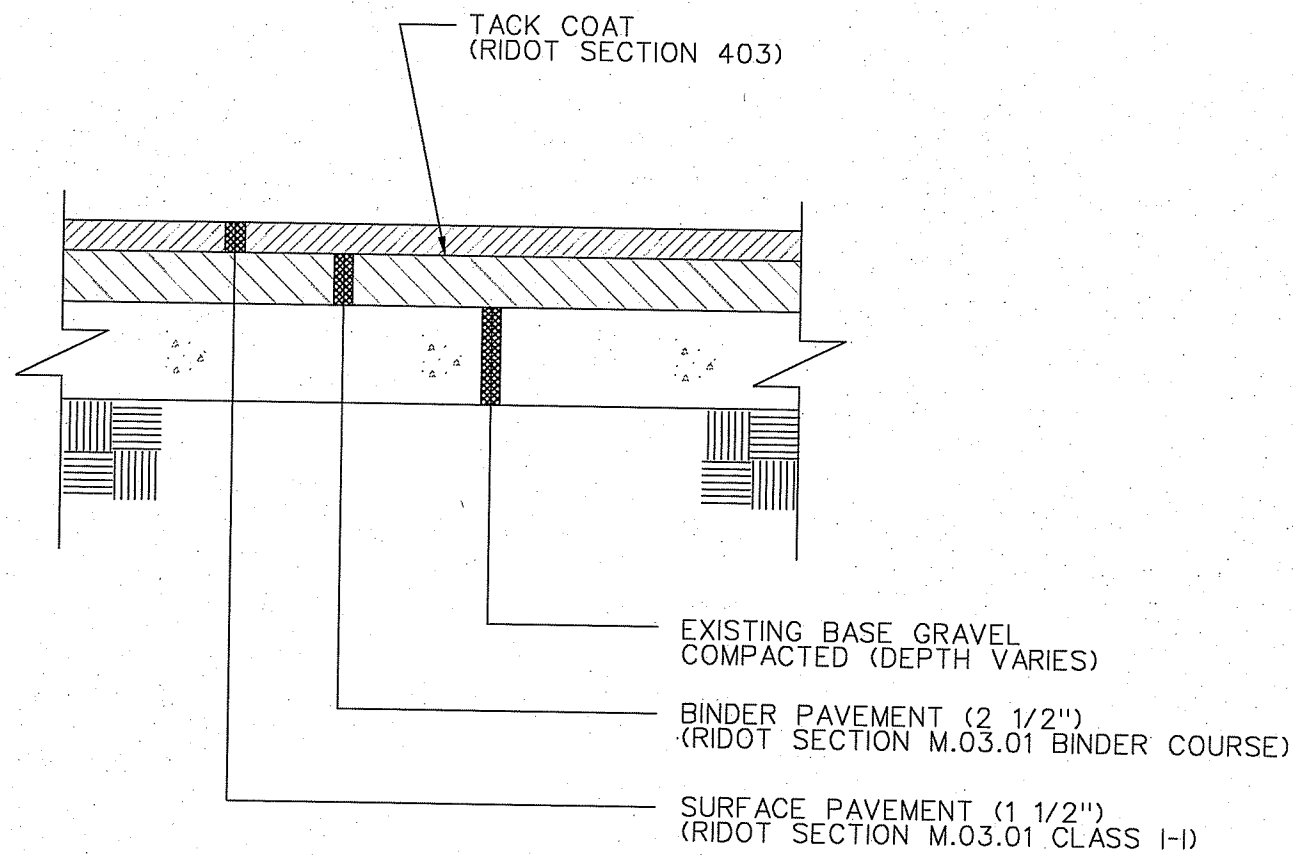
Digitally signed
by JASON
ELIJAH RIVERA
Date:
2024.02.22
14:40:42 -05'00'

REV		APPROVED DATE	DESCRIPTION	JCN	REDLINE DATE	APVD
DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION ATO - TECHNICAL OPERATIONS						
ATCT ACCESS ROAD RESTORATION PROJECT PROPOSED SEWER PLAN						
PROVIDENCE THEODORE FRANCIS GREEN STATE AIRPORT RI						
SUBMITTED BY		APPROVED BY		Digitally signed by KATHLEEN A COFFEY Date: 2024.02.22 10:55:55 -05'00'		
PROJECT ENGINEER		MGR: ENGINEERING CENTER		DATE 12/19/2023 JCN 1705680		
DESIGNED PL		ISSUED BY		DRAWING NO. PVD-1705680-C103		
DRAWN MG		ENGINEERING SERVICES		REV		
CHECKED MJ		TERMINAL				

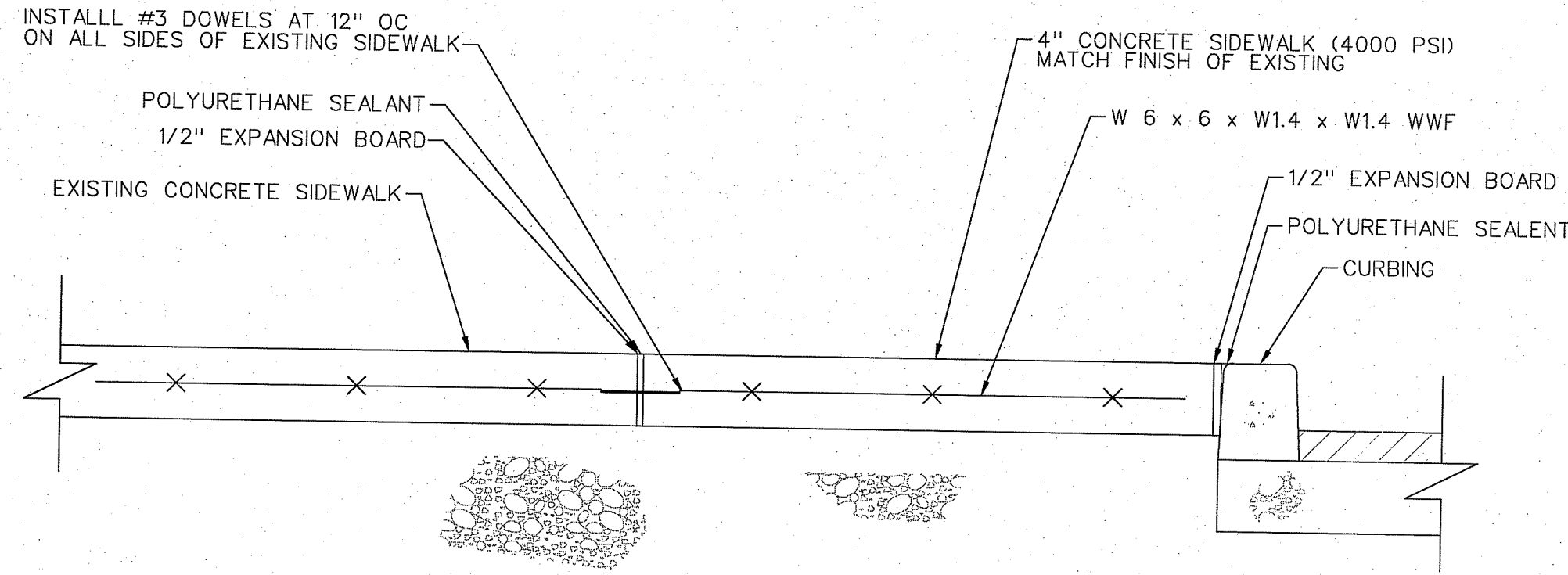


NOTE:
REMOVE THE ENTIRE ASPHALT GRANULAR BASE
AND SUBGRADE TO A DEPTH OF 22\"/>

1 PAVEMENT DETAIL
C105 NOT TO SCALE



2 PAVEMENT DETAIL
C105 NOT TO SCALE

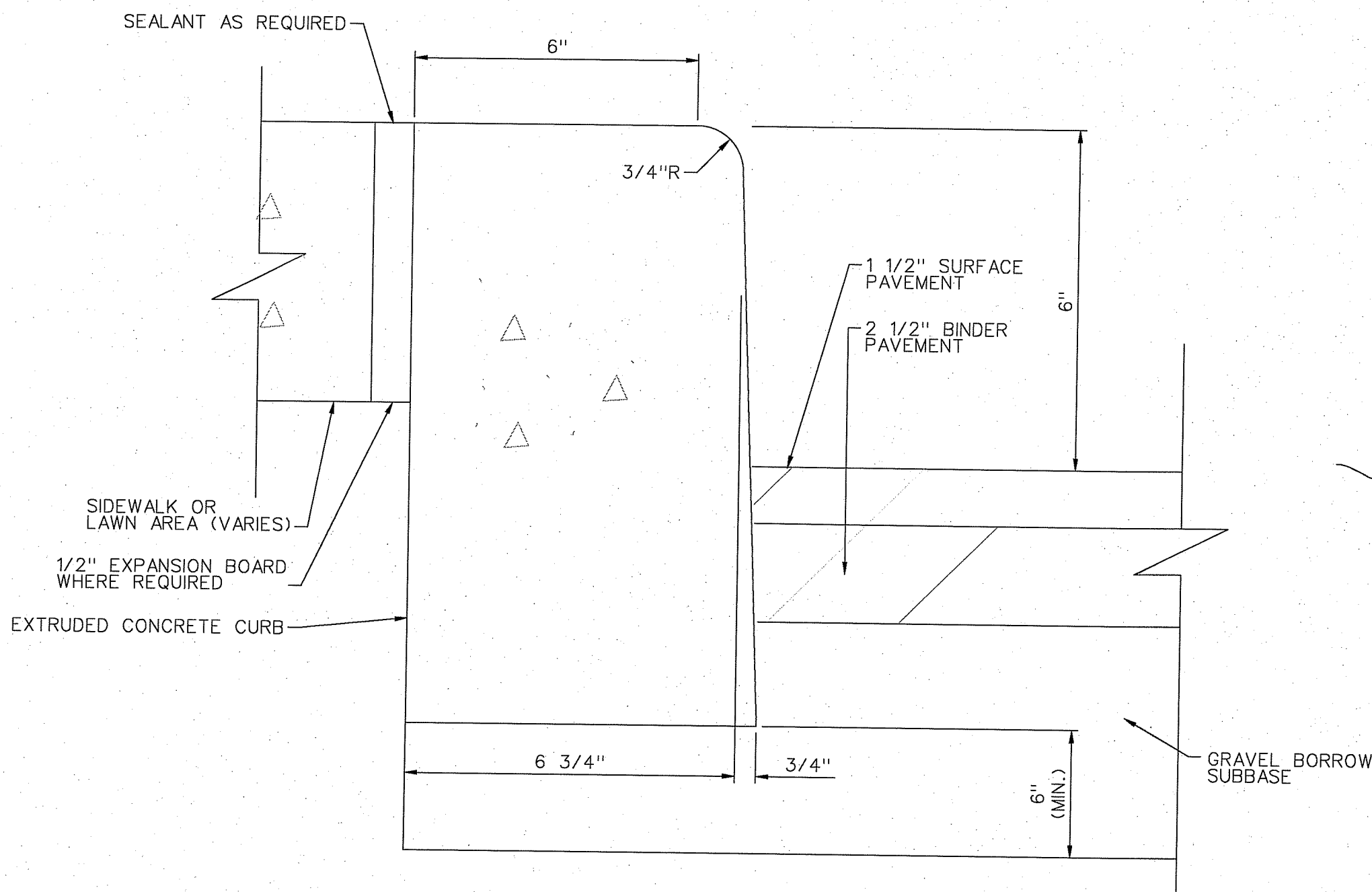


3 CONCRETE SIDEWALK SECTION
C105 SCALE: 1\"/>

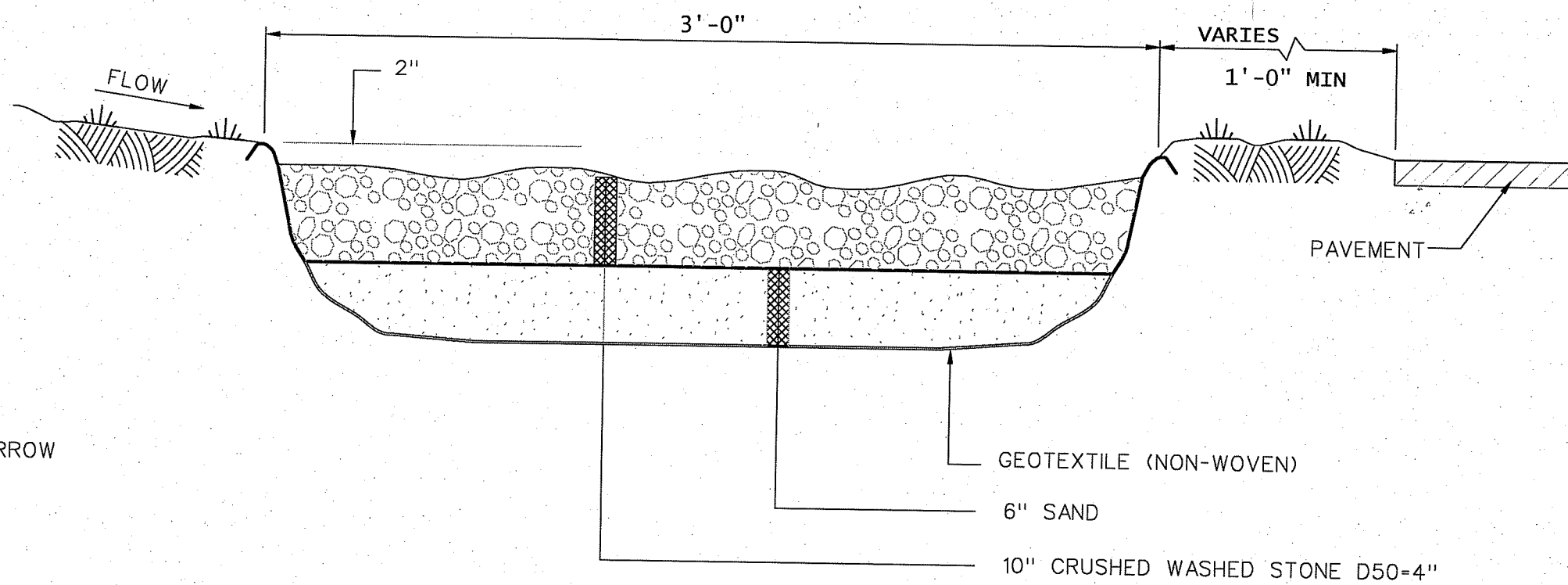
RI Environmental Management
FEB 26 2024
Office of Water Resources

RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM

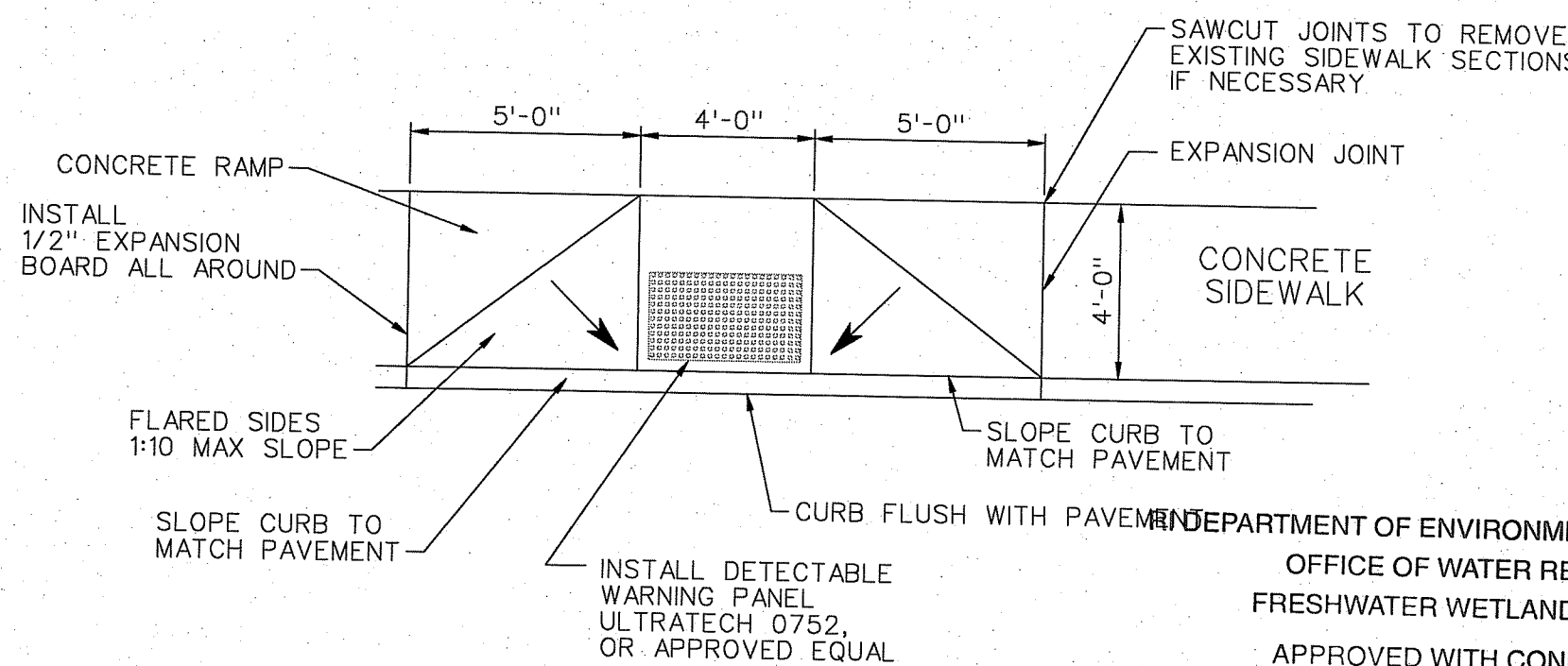
NOTE PER DEM:
Kindly be advised that this Permit
is not equivalent to a
verification of the type or extent
of freshwater wetlands on site



5 CONCRETE CURB SECTION
C105 SCALE: NOT TO SCALE



6 FILTER STRIP DRAINAGE DETAIL
C105 NOT TO SCALE



7 HANDICAP RAMP DETAIL
C105 SCALE: 1/4\"/>

RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS AS
SPECIFIED IN THE LETTER OF APPROVAL
DATED: MAR 21 2024
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE
Angela L. Freeman

RIDEM PERMITTING SET
DRAWING 12 OF 21
REVISION 3

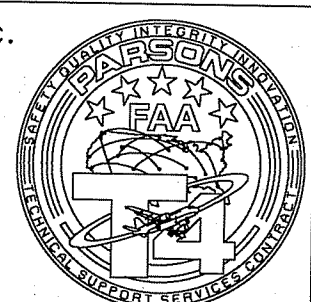
1\"/>

2\"/>

4\"/>

PARSONS

PTSI Managed Services Inc.
T4 New England
100 W. WALNUT STREET
PASADENA, CA 91124
(926) 420-2000
PE.0008088-COA

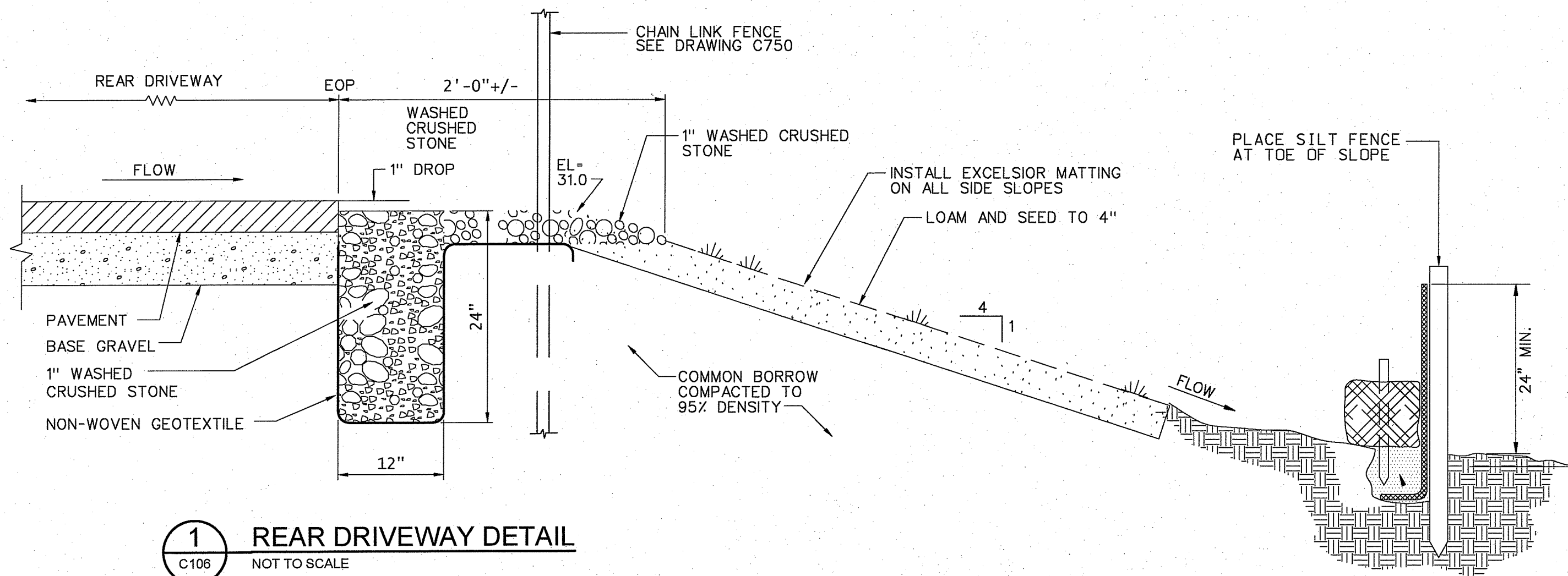


RELEASED FOR:
FINAL REV 3 - DECEMBER 2023

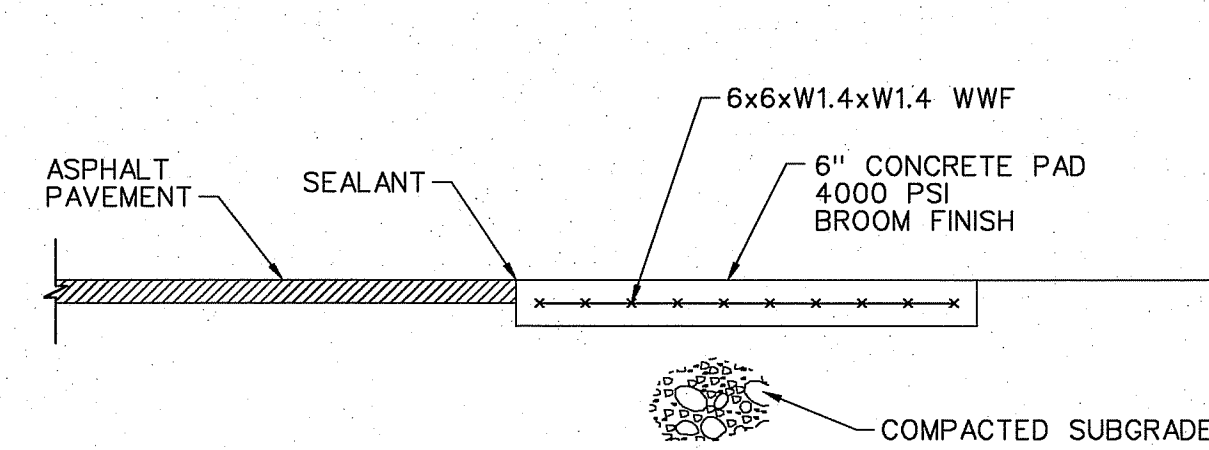
JASON RIVERA
No. 14948
REGISTERED
PROFESSIONAL ENGINEER
Civil

Digitally signed
by JASON
ELIJAH RIVERA
Date:
2024.02.22
14:41:05 -05'00'

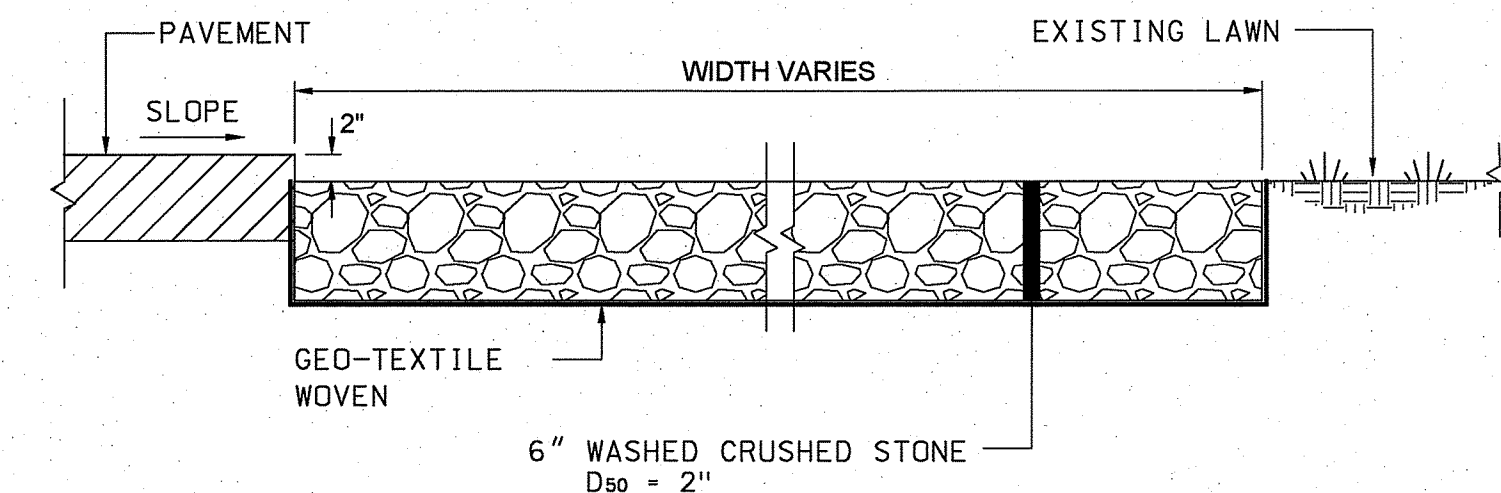
REV	APPROVED DATE	DESCRIPTION	JCN	REDLINE DATE	APVD
DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION ATO - TECHNICAL OPERATIONS EASTERN SERVICE AREA					
ATCT ACCESS ROAD RESTORATION PROJECT CIVIL DETAILS SHEET 1 OF 2					
PROVIDENCE THEODORE FRANCIS GREEN STATE AIRPORT RI					
REVIEWED BY	SUBMITTED BY	DESIGNED BY	ISSUED BY	DATE	DATE
	<i>Giovanni A Santos</i>			12/20/2023	12/20/2023
		DRAWN	MG	DRAWING NO	1705680
		CHECKED	MJ	PVD-1705680-C105	REV



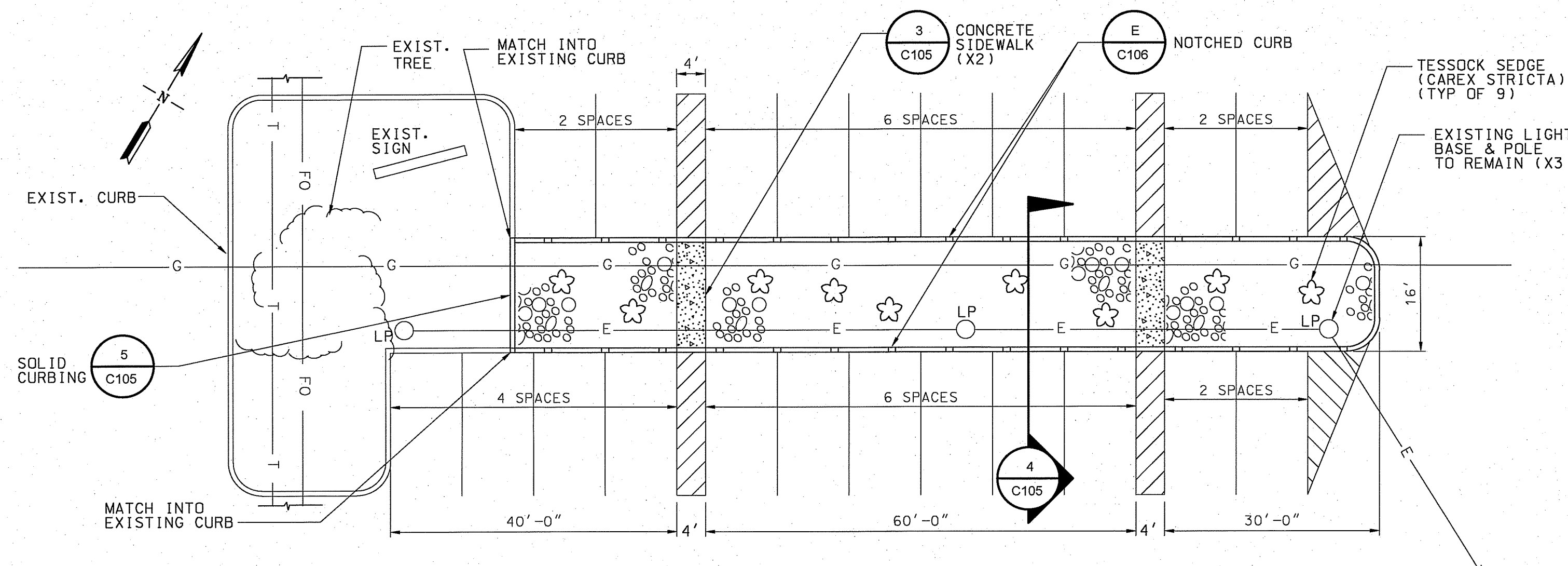
1 REAR DRIVEWAY DETAIL
C106 NOT TO SCALE



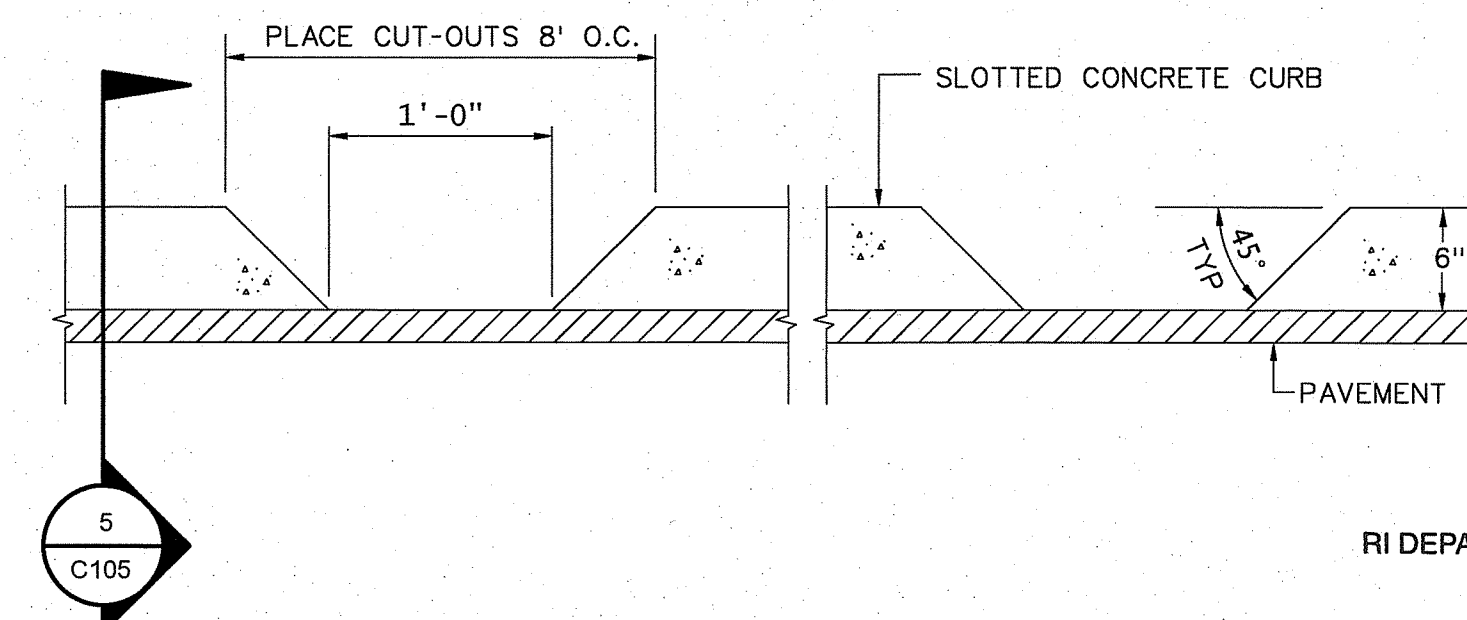
A MOTORCYCLE PARKING PAD SECTION
C106 SCALE: N.T.S.



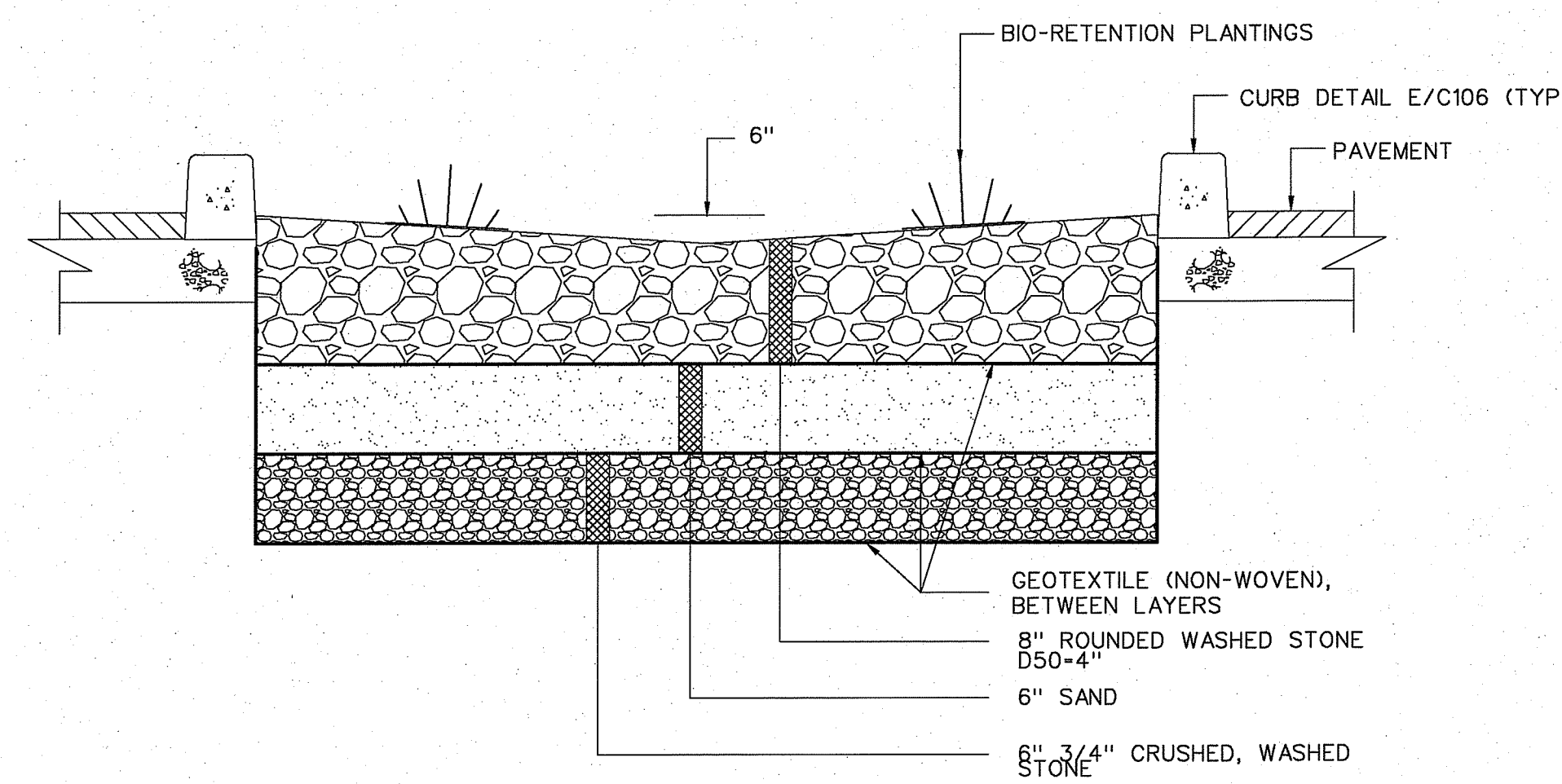
B STONE FILTRATION CROSS-SECTION
C106 NOT TO SCALE



3 UPPER ISLAND PLAN
C106 NOT TO SCALE

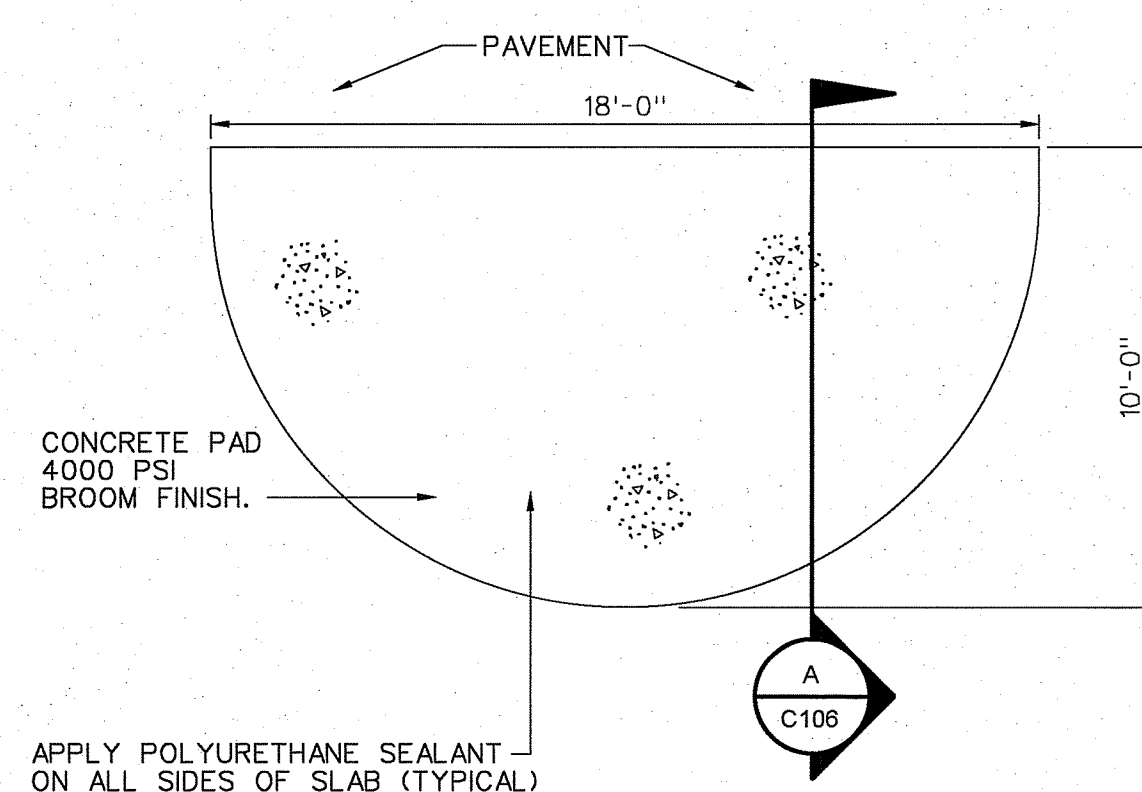


E NOTCHED CURB DETAIL
C106 NOT TO SCALE



NOTE:
CONTRACTOR SHALL PERFORM UTILITY SURVEY PRIOR TO ANY EARTH EXCAVATION. FACILITY'S GAS SERVICE AND OTHER UTILITIES RUN THROUGH THIS UPPER ISLAND.

4 LOWER ISLAND DETAIL
C106 NOT TO SCALE



7 MOTORCYCLE PARKING PAD PLAN VIEW
C006 SCALE: N.T.S.

RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM

NOTE PER DEM:
Kindly be advised that this Permit is not equivalent to a verification of the type or extent of freshwater wetlands on site.

RI Environmental Management
FEB 26 2024
Office of Water Resources

RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM

APPROVED WITH CONDITIONS AS SPECIFIED IN THE LETTER OF APPROVAL
DATED: MAR 21 2024 FILE #: 23-0112

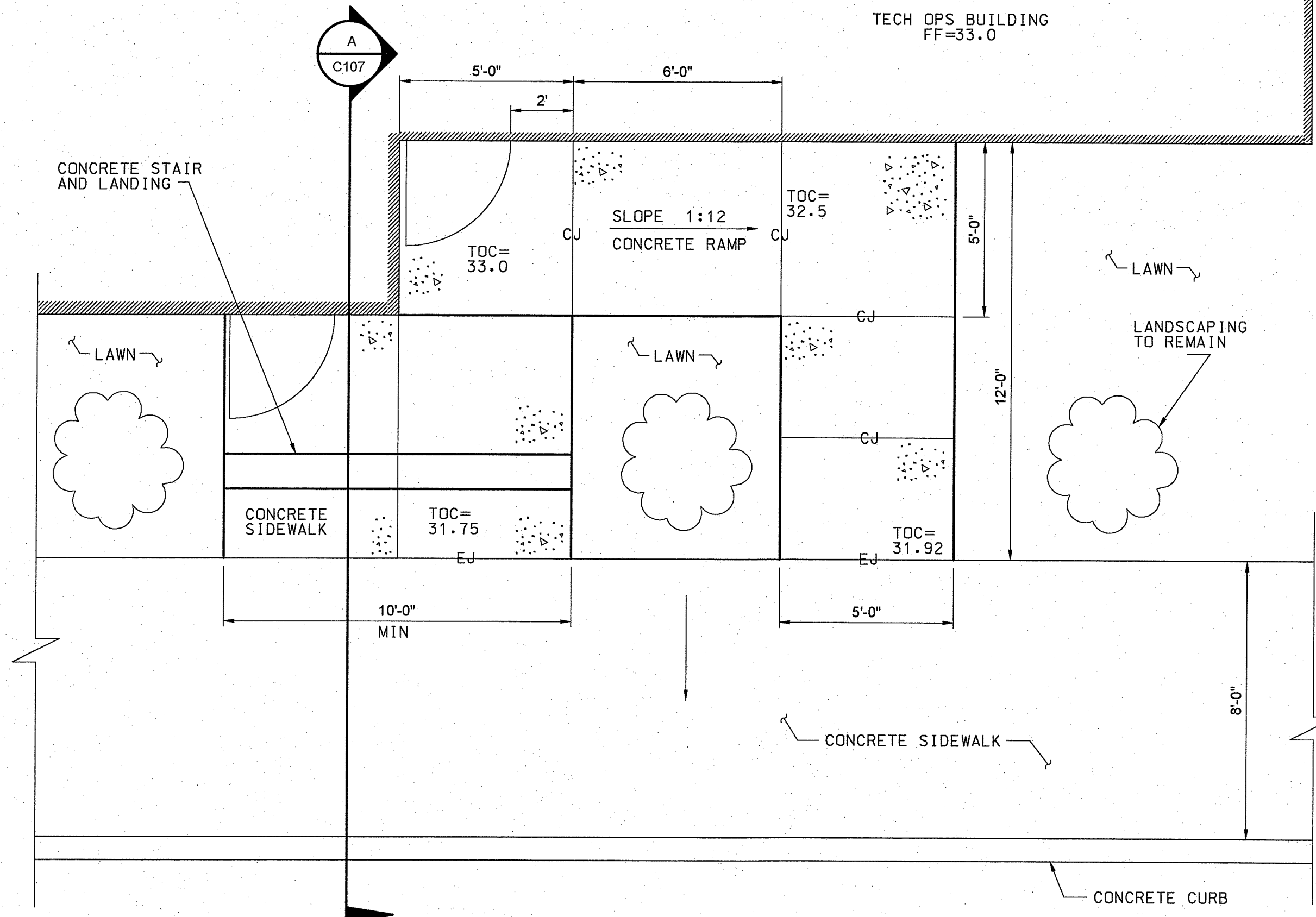
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

Emily L. Freeman

**RIDEM PERMITTING SET
DRAWING 13 OF 21**

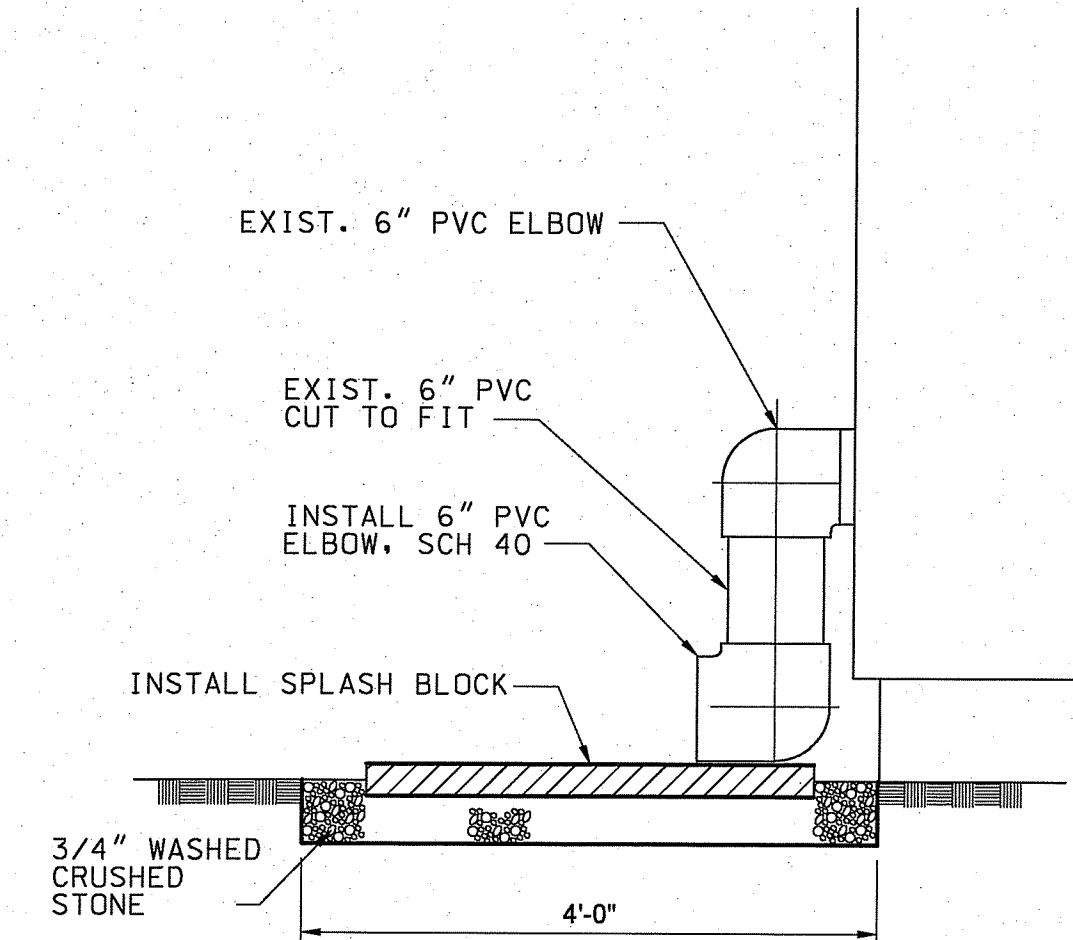
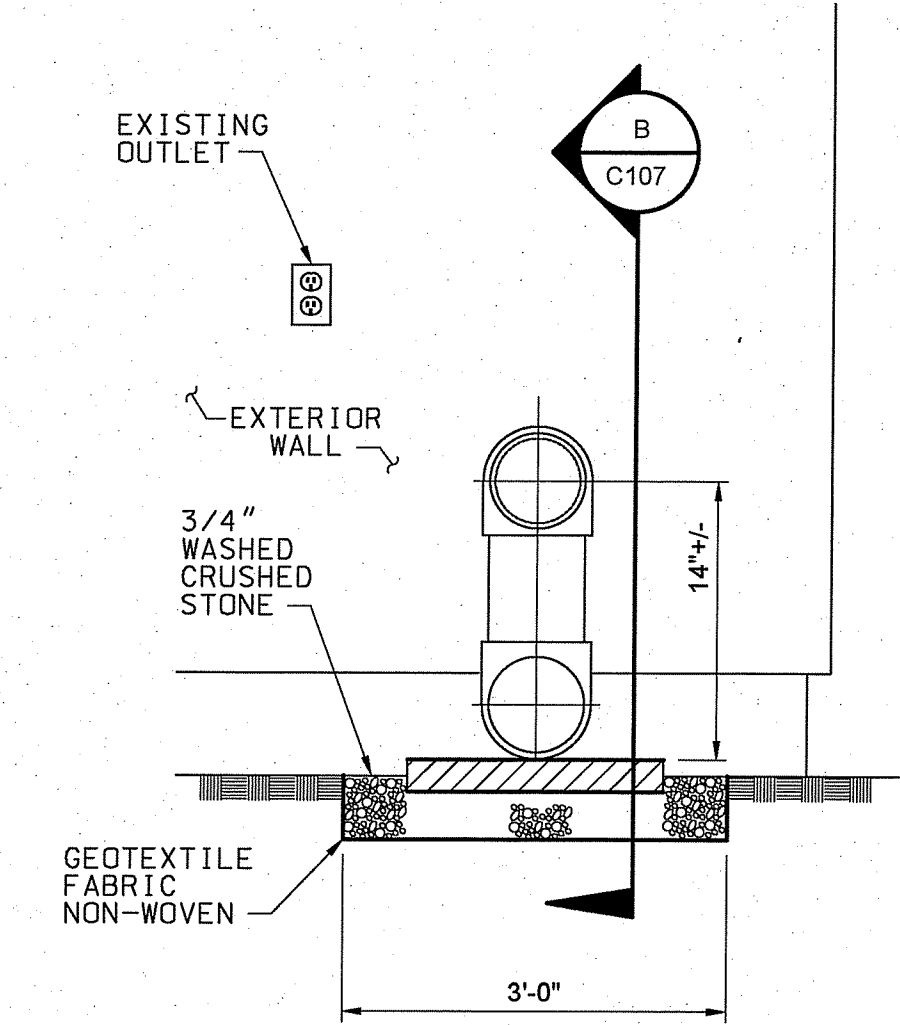
REVISION 3

PARSONS PTSI Managed Services Inc. T4 New England 100 W. WALNUT STREET PASADENA, CA 91124 (926) 420-2000 PE.0008088-COA		RELEASED FOR: FINAL REV 3 - DECEMBER 2023		Digitally signed by JASON RIVERA Date: 2024.02.22 14:41:32 -05'00'	
DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION ATO - TECHNICAL OPERATIONS		EASTERN SERVICE AREA ATCT ACCESS ROAD RESTORATION PROJECT CIVIL DETAILS SHEET 2 OF 2		PROVIDENCE THEODORE FRANCIS GREEN STATE AIRPORT RI	
REVIEWED BY DESIGNED DRAWN CHECKED	APPROVED BY PROJECT ENGINEER PL MG MJ	DATE 12/20/2023 JCN 1705680	DATE 12/20/2023 JCN 1705680	DATE 12/20/2023 JCN 1705680	DATE 12/20/2023 JCN 1705680

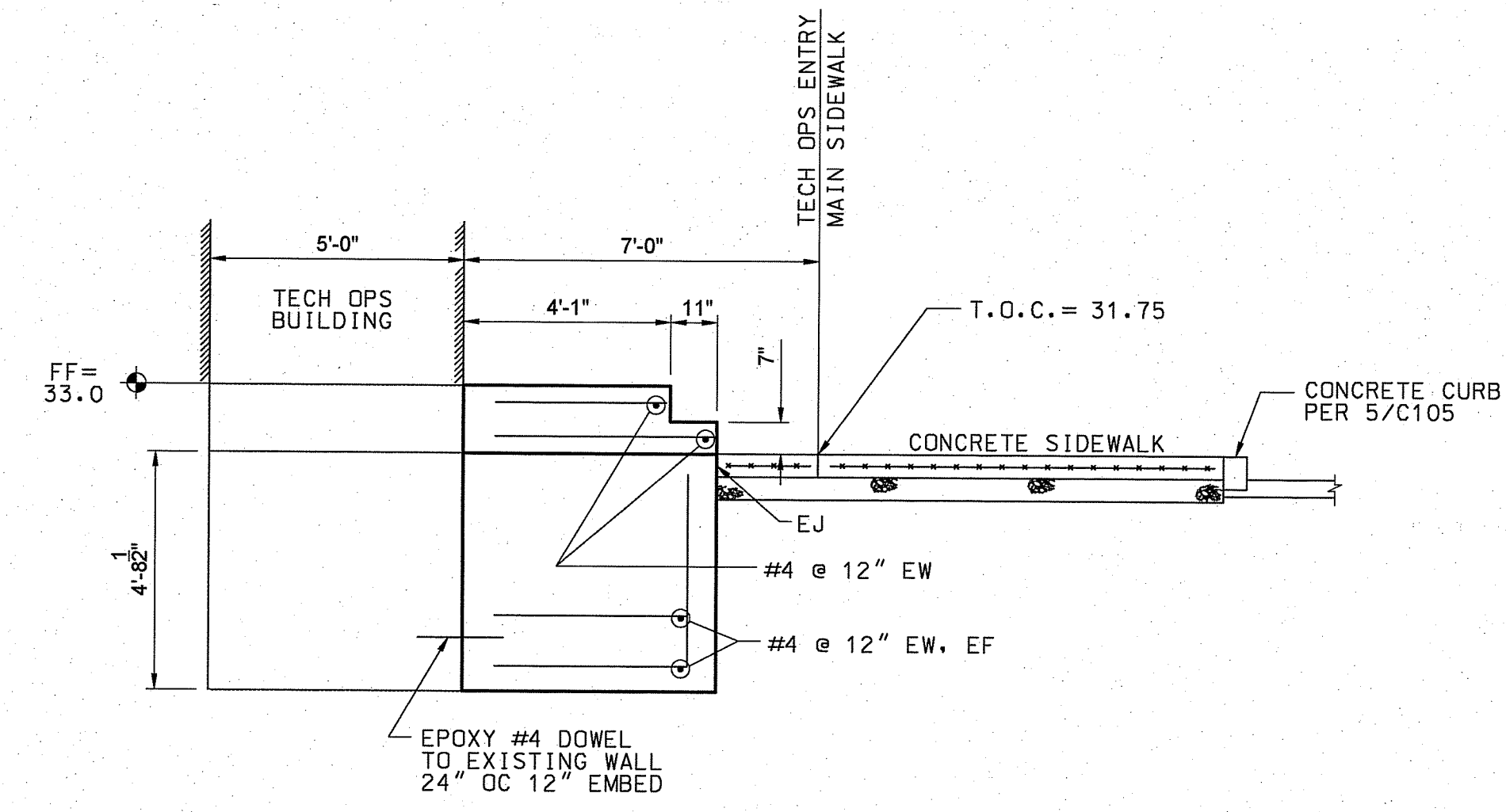
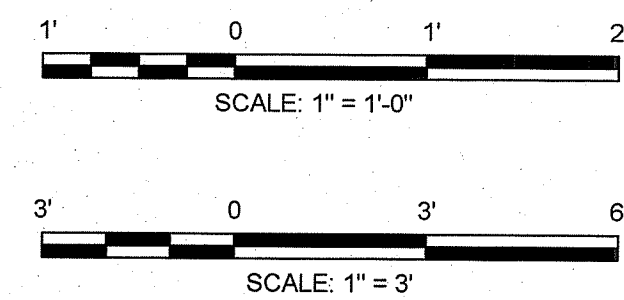


- NOTES:
1. CONCRETE WALK AND LANDING CROSS-SLOPES MUST NOT EXCEED 1:48.
 2. LANDING MUST BE 60" X 60" MINIMUM. IT MUST INCLUDE A MINIMUM OF 24" FROM THE EDGE OF THE DOOR OPENING.

1 TECH OPS ENTRY - PLAN
SCALE: 1"=3'-0"



**RIDEM PERMITTING SET
DRAWING 14 OF 21
REVISION 3**



RI Environmental Management
FEB 26 2024
Office of Water Resources

RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM

NOTE PER DEM:

Kindly be advised that this Permit is not equivalent to a verification of the type or extent of freshwater wetlands on site

RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM

APPROVED WITH CONDITIONS AS SPECIFIED IN THE LETTER OF APPROVAL

DATED: MAR 21 2024 FILE #: 23-0112

NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL

APPROVED PLANS MUST BE AT CONSTRUCTION SITE

Walter L. Freeman

PARSONS

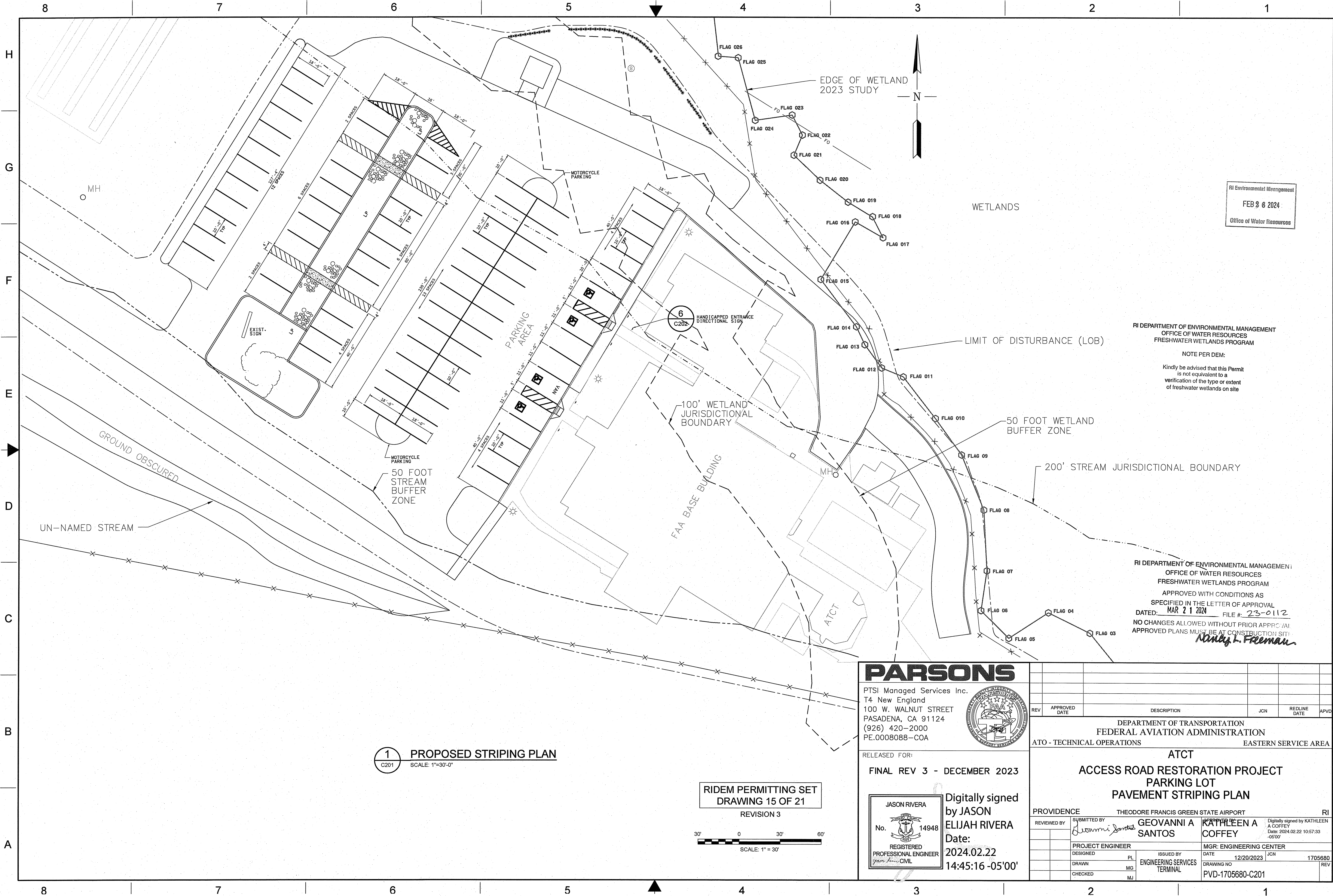
PTSI Managed Services Inc.
T4 New England
100 W. WALNUT STREET
PASADENA, CA 91124
(926) 420-2000
PE.0008088-COA

RELEASED FOR:
FINAL REV 3 - DECEMBER 2023

Digitally signed by **JASON RIVERA**
Date: 2024.02.22 14:41:58 -05'00'

REGISTERED PROFESSIONAL ENGINEER
No. 14948
Civil

REV	APPROVED DATE	DESCRIPTION	JCN	REDLINE DATE	APVD
02/23/2023	CONSTRUCTION, WR #20022		1705680	07/28/2022	
DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION ATO - TECHNICAL OPERATIONS ATCT ACCESS ROAD RESTORATION PROJECT BUILDING STAIRS REPLACEMENT AND ROOF DRAIN UPGRADE DETAILS					
PROVIDENCE THEODORE FRANCIS GREEN STATE AIRPORT RI REVIEWED BY SUBMITTED BY GEOVANNI A SANTOS APPROVED BY KATHLEEN A COFFEY PROJECT ENGINEER MGR: ENGINEERING CENTER DESIGNED PL ISSUED BY DATE 12/20/2023 JCN 1705680 DRAWN MG ENGINEERING SERVICES DRAWING NO PVD-1705680-C107 CHECKED MJ TERMINAL REV					



RI Environmental Management
FEB 26 2024
Office of Water Resources

RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM

NOTE PER DEM:
Kindly be advised that this Permit
is not equivalent to a
verification of the type or extent
of freshwater wetlands on site

RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM

APPROVED WITH CONDITIONS AS
SPECIFIED IN THE LETTER OF APPROVAL
DATED: MAR 21 2024 FILE #: 23-0112
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE
Nancy L. Freeman

1 PROPOSED STRIPING PLAN
C201 SCALE: 1"=30'-0"

RIDEM PERMITTING SET
DRAWING 15 OF 21

REVISION 3

30' 0 30' 60'
SCALE: 1" = 30'

PARSONS

PTSI Managed Services Inc.
T4 New England
100 W. WALNUT STREET
PASADENA, CA 91124
(926) 420-2000
PE.0008088-COA



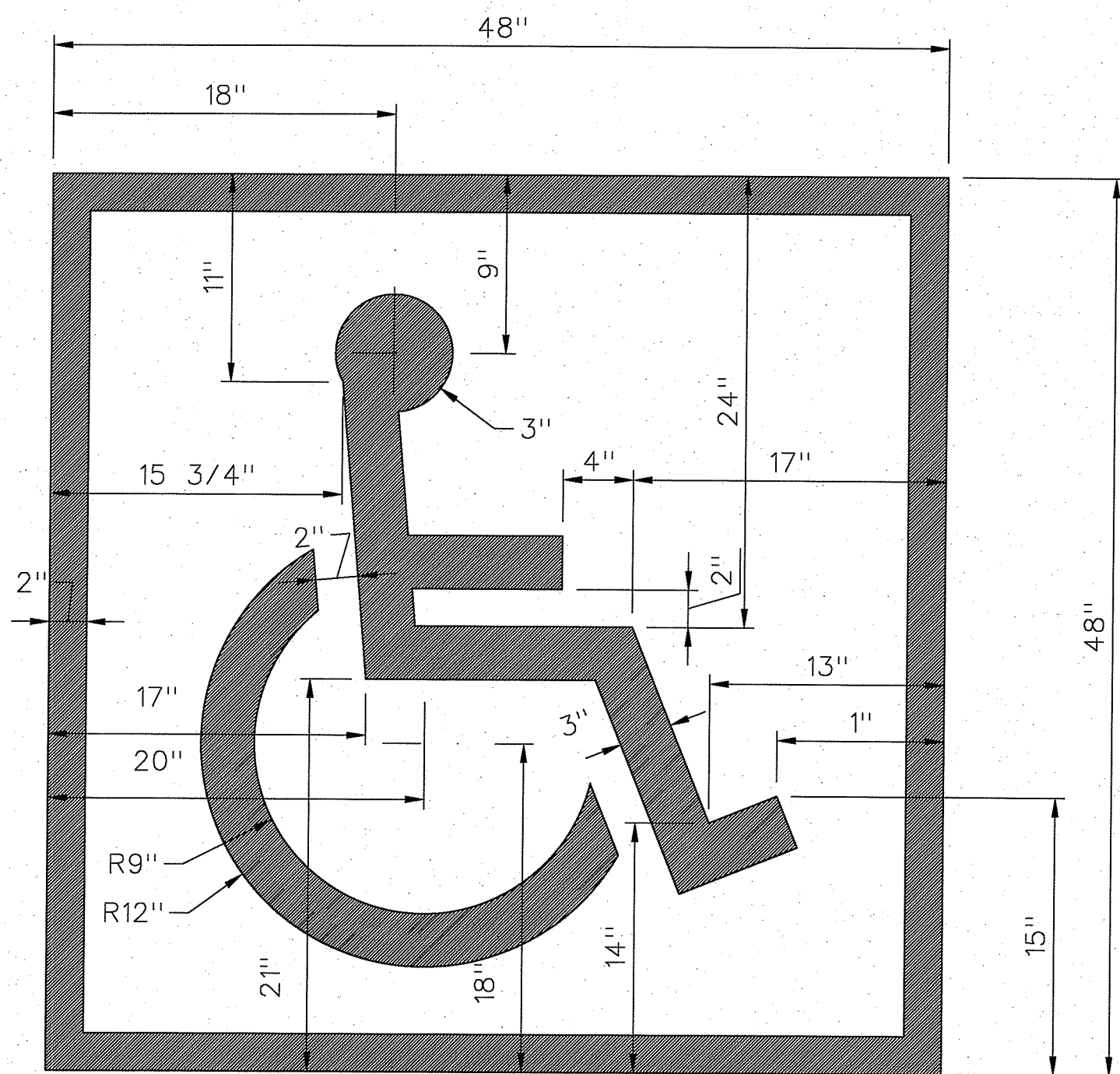
RELEASED FOR:
FINAL REV 3 - DECEMBER 2023



Digitally signed
by JASON
ELIJAH RIVERA
Date:
2024.02.22
14:45:16 -05'00'

REV	APPROVED DATE	DESCRIPTION	JCN	REDLINE DATE	APVD
DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION ATO - TECHNICAL OPERATIONS EASTERN SERVICE AREA					
ATCT ACCESS ROAD RESTORATION PROJECT PARKING LOT PAVEMENT STRIPING PLAN					
PROVIDENCE THEODORE FRANCIS GREEN STATE AIRPORT RI					
SUBMITTED BY	REVIEWED BY	DATE	DATE	DATE	DATE
	<i>Gianni</i>	2024.02.22	2024.02.22	2024.02.22	2024.02.22
PROJECT ENGINEER	DESIGNED	PL	ISSUED BY	DATE	JCN
			ENGINEERING SERVICES	12/20/2023	1705680
DRAWN	CHECKED	MJ	TERMINAL	DRAWING NO	REV
				PVD-1705680-C201	

CONSTRUCTION



WITH
BACKGROUND
SYMBOL AND BORDER: BLUE

1
C202 HANDICAPPED PARKING PAINT
NOT TO SCALE



NOTES

- MUTCD STANDARD SIGN DESIGNATION: R7-8 AND R7-8P5.
- MOUNTING HEIGHT - 60" FROM BOTTOM OF SIGN TO PAVEMENT.
- ALL SIGN TO BE MOUNTED TO U CHANNEL POST 2.0 WT./FT MIN. AND DRIVEN A MINIMUM OF 4" INTO GROUND.
- LOCATE SIGNS BEHIND SIDEWALK.
- PROVIDE A NEW SIGN FOR EACH H/C SPACE.

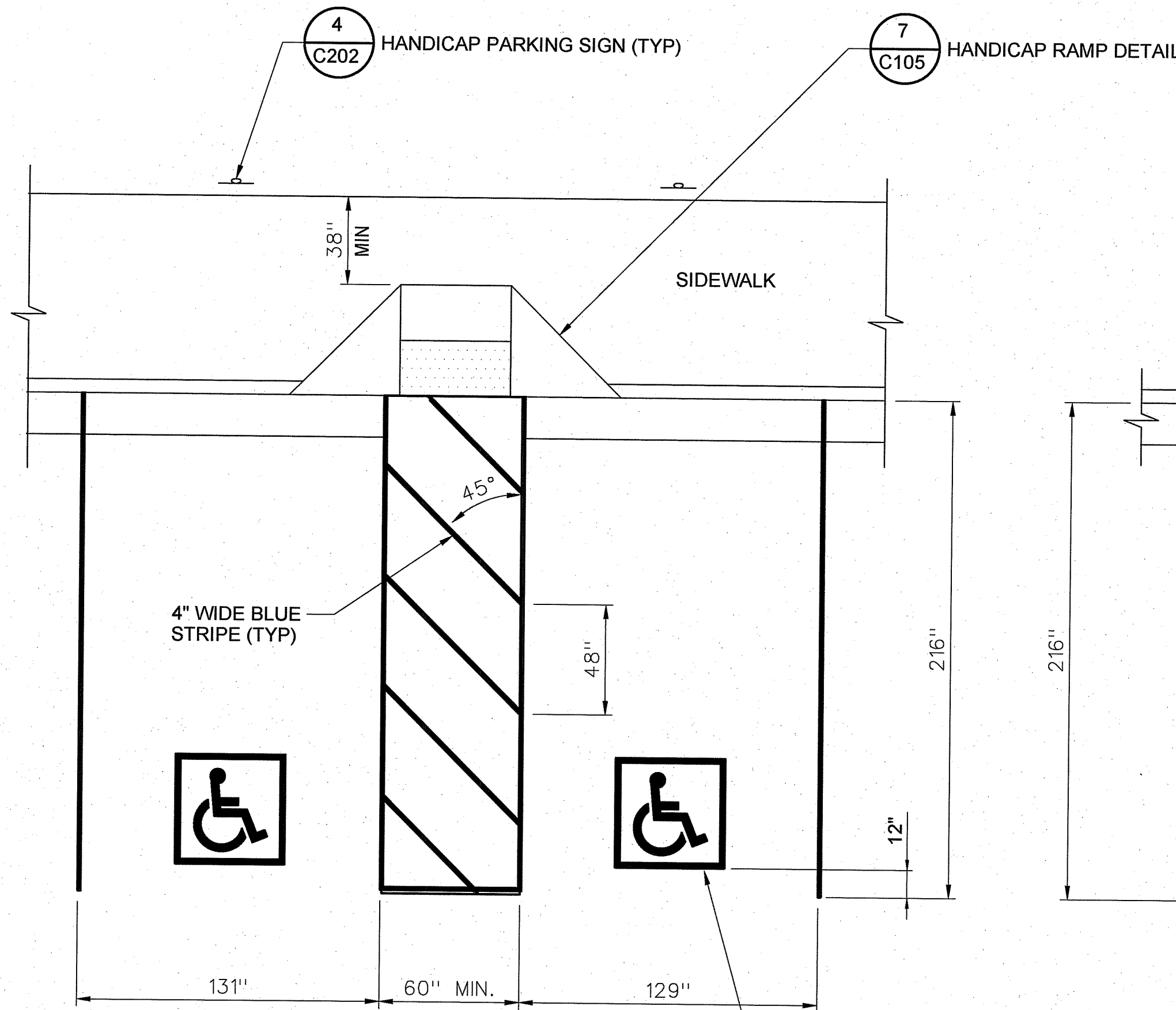
4
C202 HANDICAPPED PARKING SIGN
NOT TO SCALE



NOTES

- MUTCD STANDARD SIGN DESIGNATION: R7-8 AND R7-8P5.
- MOUNTING HEIGHT - 60" FROM BOTTOM OF SIGN TO PAVEMENT.
- ALL SIGN TO BE MOUNTED TO U CHANNEL POST 2.0 WT./FT MIN. AND DRIVEN A MINIMUM OF 4" INTO GROUND.

6
C202 HANDICAPPED ENTRANCE DIRECTIONAL SIGN
NOT TO SCALE



3
C202 HANDICAP STALL DETAILS
NOT TO SCALE

RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS AS
SPECIFIED IN THE LETTER OF APPROVAL
DATED: MAR 21 2024 FILE #: 23-0112
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE
Emily L. Freeman

RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
NOTE PER DEM:

Kindly be advised that this Permit
is not equivalent to a
verification of the type or extent
of freshwater wetlands on site

PARSONS

PTSI Managed Services Inc.
T4 New England
100 W. WALNUT STREET
PASADENA, CA 91124
(926) 420-2000
PE.0008088-COA

RELEASED FOR:

FINAL REV3 - DECEMBER 2023

JASON RIVERA
No. 14948
REGISTERED
PROFESSIONAL ENGINEER
Civil

Digitally signed
by JASON
ELIJAH RIVERA
Date:
2024.02.22
14:47:43 -05'00'

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

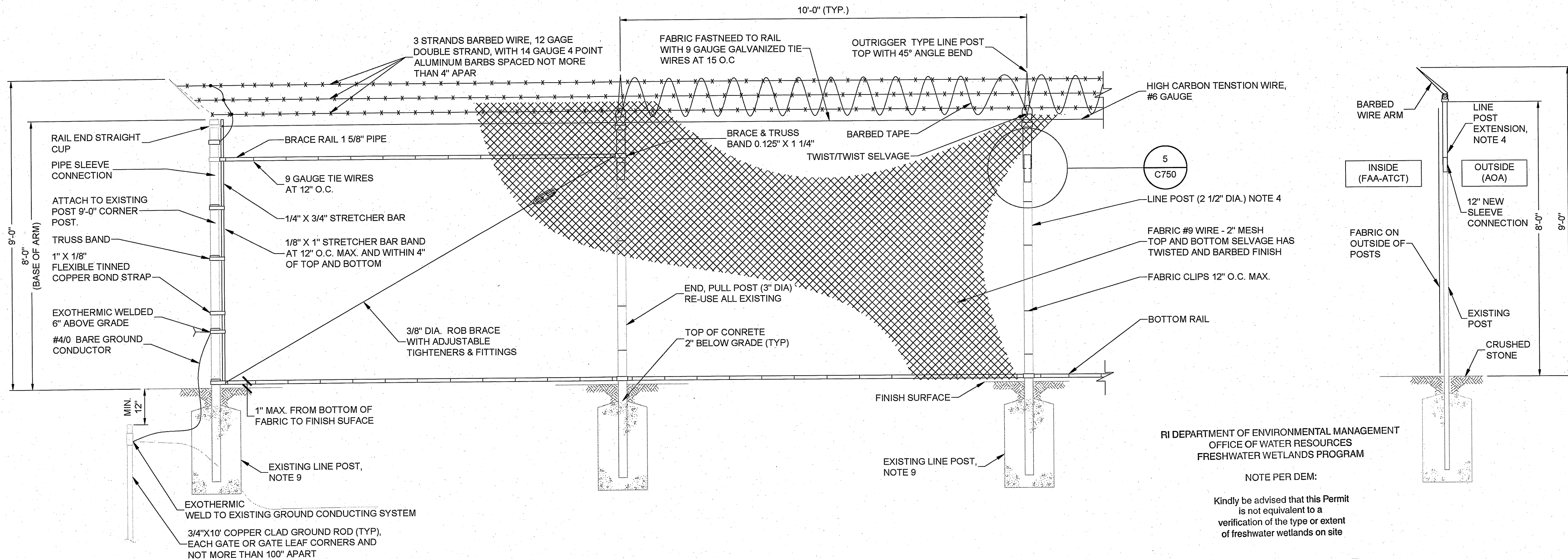
RI Environmental Management
FEB 26 2024
Office of Water Resources

5
C202 VEHICLE DETAILS
NOT TO SCALE

RIDEM PERMITTING SET
DRAWING 16 OF 21
REVISION 3

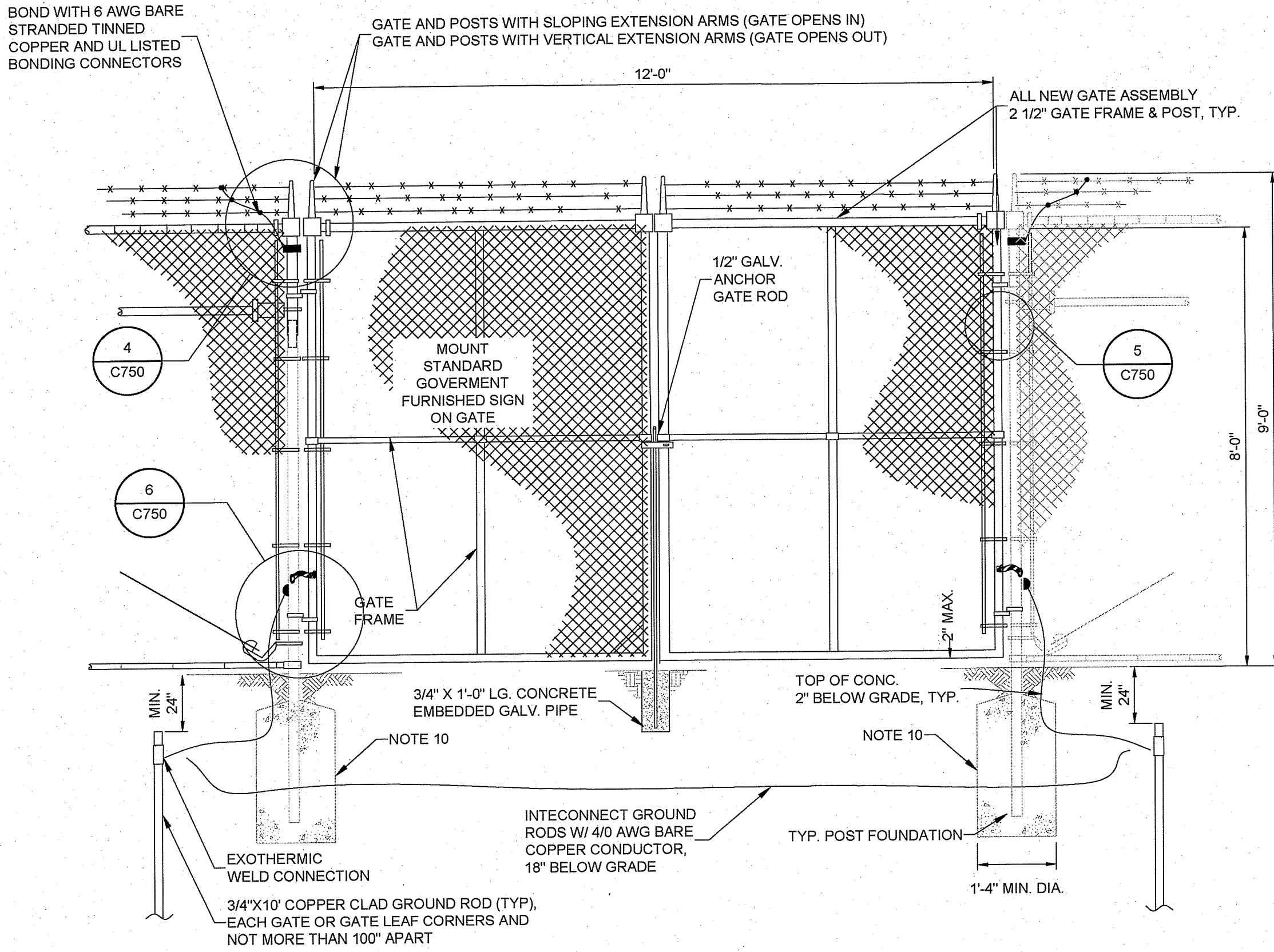
SPILLAGE
SOURCES
STIMES
SWAMES

CONSTRUCTION
PVD-1705680-C202.dgn

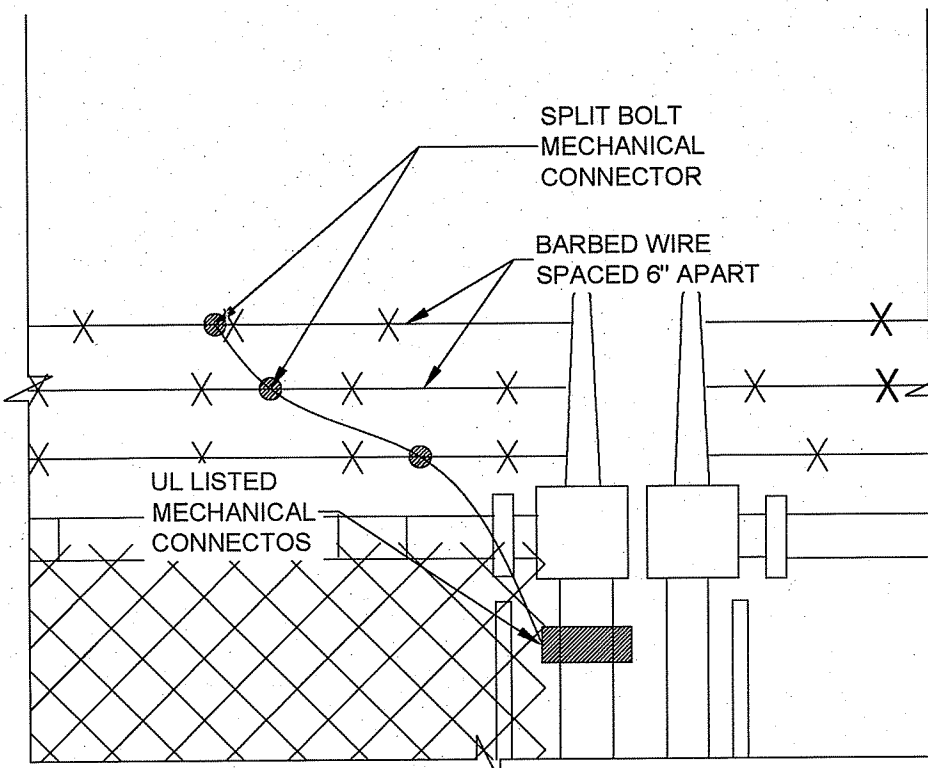


1 SECURITY FENCE - EXTENSION
SCALE: 1/2" = 1'-0"

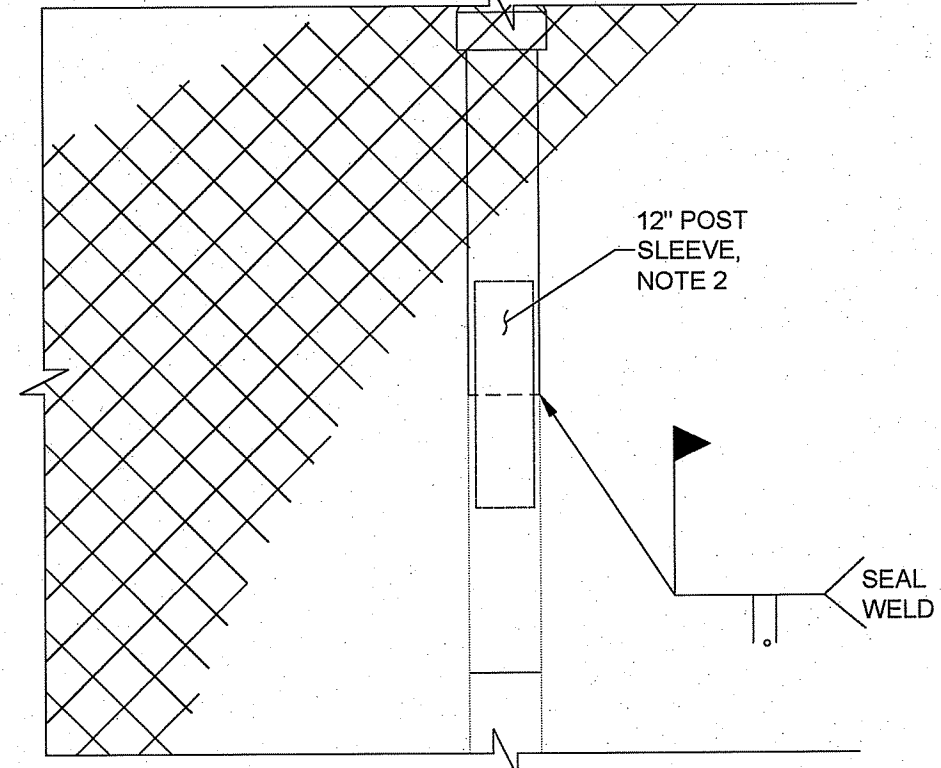
2 FENCE - SIDE VIEW
SCALE: 3/4" = 1'-0"



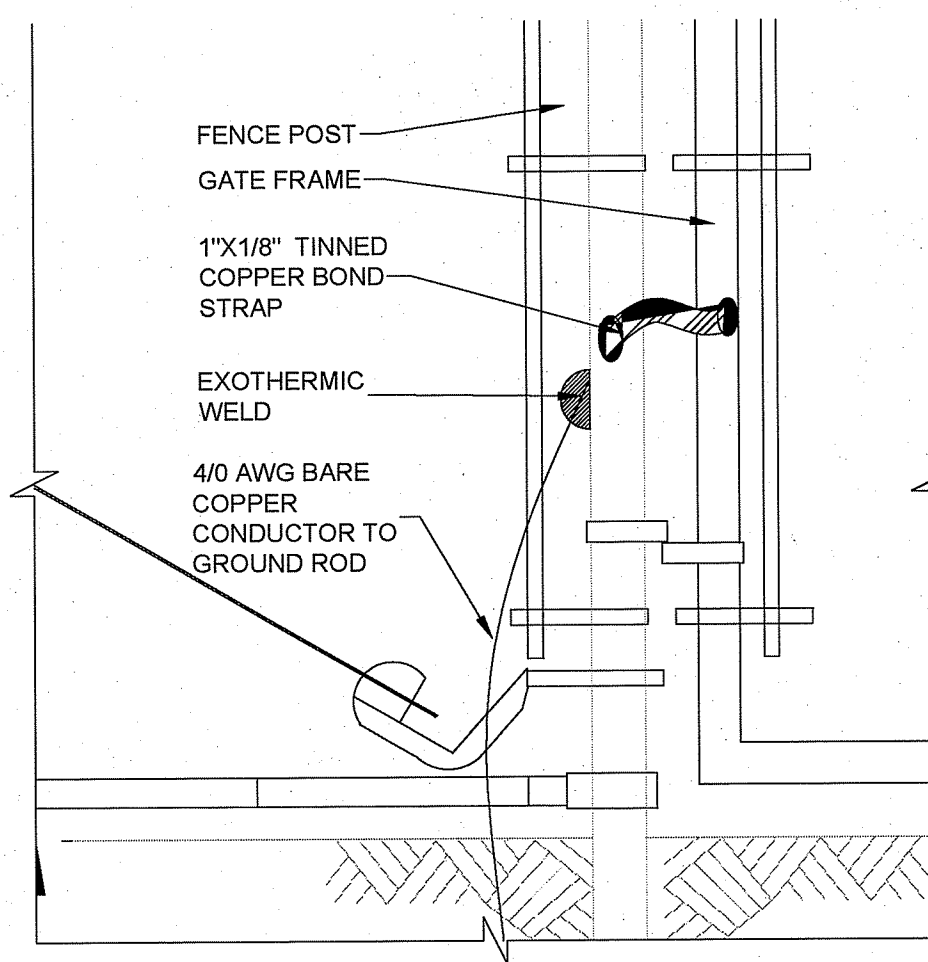
3 DOUBLE GATE ELEVATION
SCALE: 1/2" = 1'-0"



4 BARBED WIRE ARM
SCALE: 1 1/2" = 1'-0"



5 POST EXTENSION CONN.
SCALE: 1 1/2" = 1'-0"



6 FENCE GATE POST
SCALE: 1 1/2" = 1'-0"

POSTS PHYSICAL PROPERTIES							
DIA. INCH. (SCH. 40)	NO. (EA.)	OUTSIDE DIMENSIONS (INCHES)	WALL THICKNESS (INCHES)	WEIGHT PER FOOT (POUNDS)	SECTION MODULUS (CU. INCHES)	MIN. YIELD STRESS (PSI)	MIN. TENSILE STRESS (PSI)
1 1/4"	-	1.660	.140	2.27	.235	30,000	48,000
2 1/2"	23	2.875	.200	5.79	.561	30,000	48,000
3"	14	3.500	.220	7.58	1.06	30,000	48,000
4"	-	4.5	.24	10.79	2.39	30,000	48,000

1. ALL POSTS CONFORM TO ASTM A53 GRADE A AND GALVANIZED WITH 2.0 OUNCES OF HOT DIPPED ZINC IN ACCORDANCE WITH ASTM-F1083 (FORMERLY ASTM-120)

FITTINGS AND HARDWARE NOTES

- THE FENCE INSTALLATION CONSISTS, BUT IS NOT LIMITED TO, EXTENDING THE HEIGHT OF THE EXISTING FAA FENCE TO AN OVERALL HEIGHT OF 9'-0". FENCE LENGTH IS APPROXIMATELY 350 FEET.
- EXISTING LINE, GATE, AND CORNER POSTS SHALL BE USED TO MAX EXTEND POSSIBLE.
- FIELD WELD, ALL AROUND, INTERIOR SLEEVE AS SHOWN IN DETAIL 5-C002.
- ALL FERROUS METAL IS HOT DIPPED GALVANIZED PER ASTM A-153.
- FENCES AND GATES ARE FURNISHED COMPLETE WITH ALL NECESSARY FITTINGS.
- LINE POSTS SHALL BE EXTENDED TO 8 FEET.
- ALL POSTS AND STRUCTURAL SUPPORTS ARE LOCATED ON INNER SIDE OF THE FENCING.
- ROLLED OR EXTRUDED SECTIONS OR TUBING OF STEEL OR ALUMINUM CAPABLE OF WITHSTANDING 110 MPH WIND LOADS MAY BE SUBSTITUTED FOR THE POSTS SHOWN. ALL HOLLOW POSTS ARE CAPPED.
- ALL CONCRETE COMPRESSIVE STRENGTHS ARE 4000 PSI AT 28 DAYS WITH 4" SLUMP AND 3/4" MAXIMUM SIZE AGGREGATE.
- FENCE FABRIC HEIGHT IS 96" AND GALVANIZED CONFORMING TO ASTM A392, CLASS 2 (2.0 OZ. PER SQUARE FOOT OF SURFACE AREA).
- REUSE EXISTING FOUNDATION AND POSTS.
- INSTALL 16" DIAMETER (MIN) CONCRETE FOUNDATION. THIS IS FOR NEW SOUTH GATE.
- ALL CONCRETE FOUNDATIONS ARE FORMED FULL DEPTH.
- TOP OF 3/4" X 10" COPPER CLAD GROUND RODS ARE 1 FOOT BELOW GRADE.
- BOND SECURITY WIRES TO THE FENCE POST USING 6 AWG BARE STRANDED TINNED COPPER CONDUCTOR AND UL LISTED BONDING CONNECTORS.
- GATE SWINGS A MINIMUM 180° EACH WAY. GATE STOP SET OUTSIDE PLOT UNLESS DIRECTED OTHERWISE.
- ALL HARDWARE IS WELDED IN SUCH A MANNER TO ALLOW PROPER OPERATION OF COMPONENTS, BUT PREVENT DISASSEMBLY OF FENCING OR GATES.
- INSTALL BONDING STRAP BETWEEN THE GATE AND POST SO IT WILL NOT LIMIT GATE SWING.

RI Department of Environmental Management
FEB 26 2024
Office of Water Resources

RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS AS
SPECIFIED IN THE LETTER OF APPROVAL
DATED: MAR 21 2024 FILE #: 23-0112
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE
Mindy L. Freeman

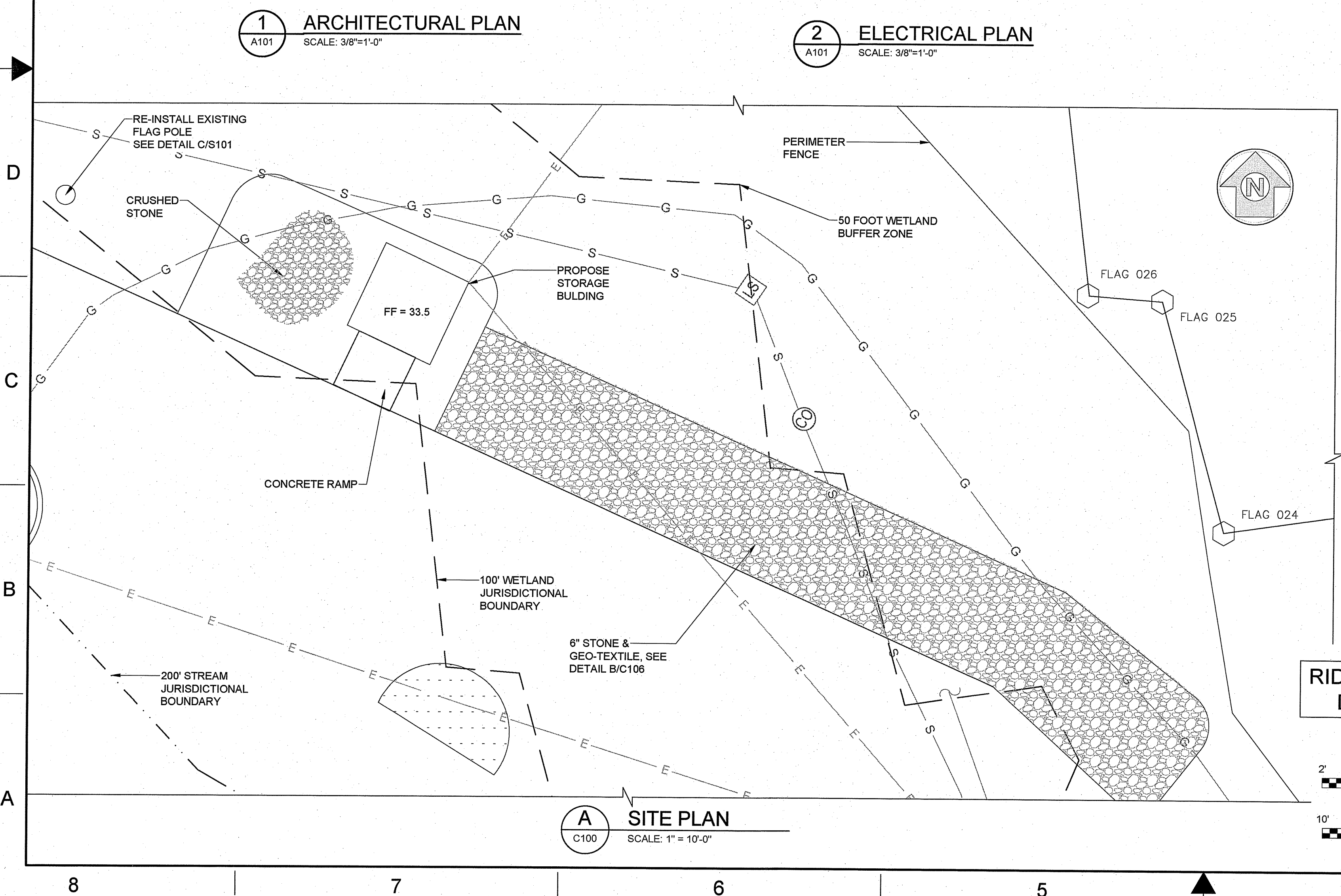
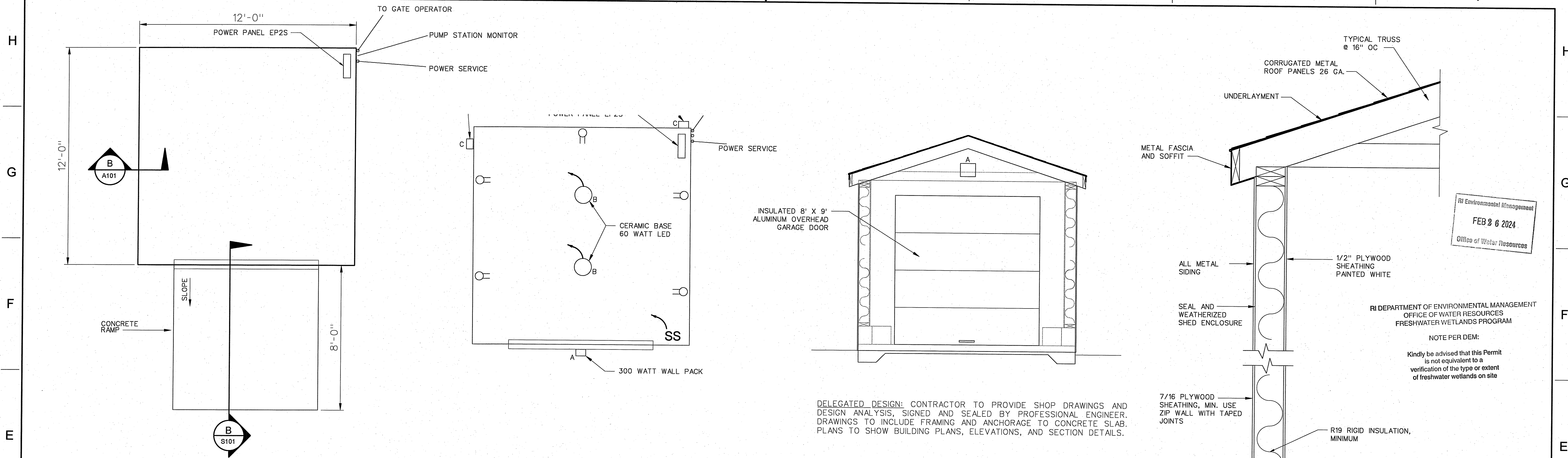
RIDEM PERMITTING SET
DRAWING 17 OF 21
REVISION 3

PARSONS
PTSI Managed Services Inc.
T4 New England
100 W. WALNUT STREET
PASADENA, CA 91124
(926) 420-2000
PE.0008088-COA

RELEASED FOR:
FINAL REV 3 - DECEMBER 2023

Digitally signed by JASON ELIJAH RIVERA
Date: 2024.02.22 14:48:07 -05'00'

REV	APPROVED DATE	DESCRIPTION	JCN	REDLINE DATE	APVD
DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION ATO - TECHNICAL OPERATIONS ATCT ACCESS ROAD RESTORATION PROJECT FENCE MODIFICATION DETAILS THEODORE FRANCIS GREEN STATE AIRPORT PROVIDENCE REVIEWED BY SUBMITTED BY PROJECT ENGINEER DESIGNED PL DRAWN MG CHECKED MJ					
APPROVED BY GEOVANNI A SANTOS KATHLEEN A COFFEY MGR: ENGINEERING CENTER DATE 12/19/2023 DRAWING NO PVD-1705680-C750					
APPROVED BY KATHLEEN A COFFEY DATE 2024.02.22 10:58:35 -05'00'					
1705680					



RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS AS
SPECIFIED IN THE LETTER OF APPROVAL
DATED **MAR 21 2024** FILE # **23-0112**
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE
Nancy L. Freeman

PARSONS
PTSI Managed Services Inc.
T4 New England
100 W. WALNUT STREET
PASADENA, CA 91124
(926) 420-2000
PE.0008088-COA

REGISTERED PROFESSIONAL ENGINEER
JASON RIVERA
CIVIL

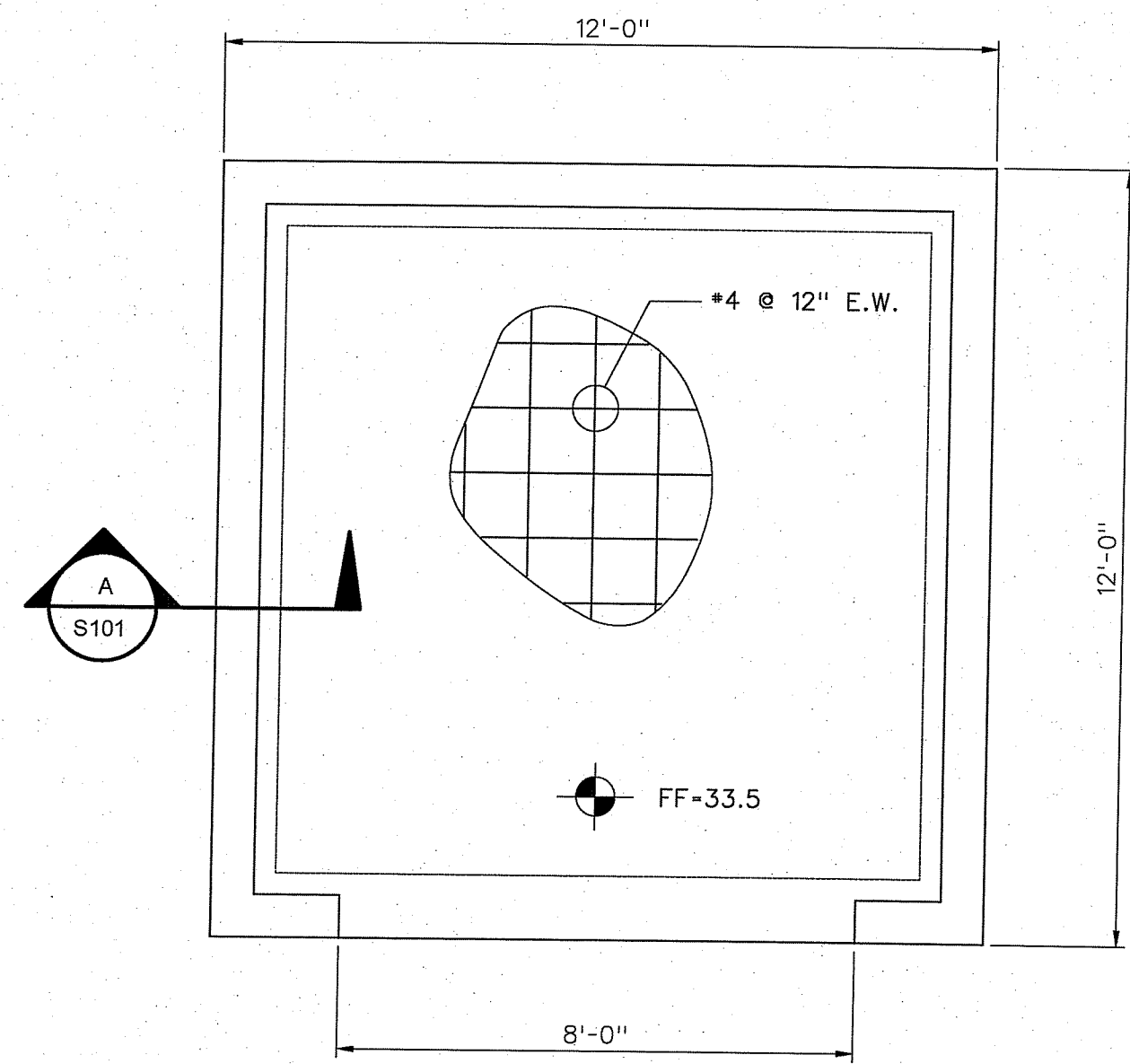
Digitally signed by JASON ELIJAH RIVERA
Date: 2024.02.22 14:48:54 -05'00'

REV	APPROVED DATE	DESCRIPTION	JCN	REDLINE DATE	APVD
DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION ATO - TECHNICAL OPERATIONS ATCT ACCESS ROAD RESTORATION PROJECT STORAGE BUILDING PLAN EASTERN SERVICE AREA					
PROVIDENCE THEODORE FRANCIS GREEN STATE AIRPORT RI					
REVIEWED BY	SUBMITTED BY	APPROVED BY	Digitally signed by KATHLEEN A COFFEY Date: 2024.02.22 10:58:59 -05'00'		
	GEOVANNI A SANTOS	KATHLEEN A COFFEY			
DESIGNED	PL	ISSUED BY	DATE	JCN	1705680
DRAWN	MG	ENGINEERING SERVICES	DRAWING NO		
CHECKED	MJ	TERMINAL	PVD-1705680-A101		

RIDEM PERMITTING SET
DRAWING 18 OF 22
REVISION 3

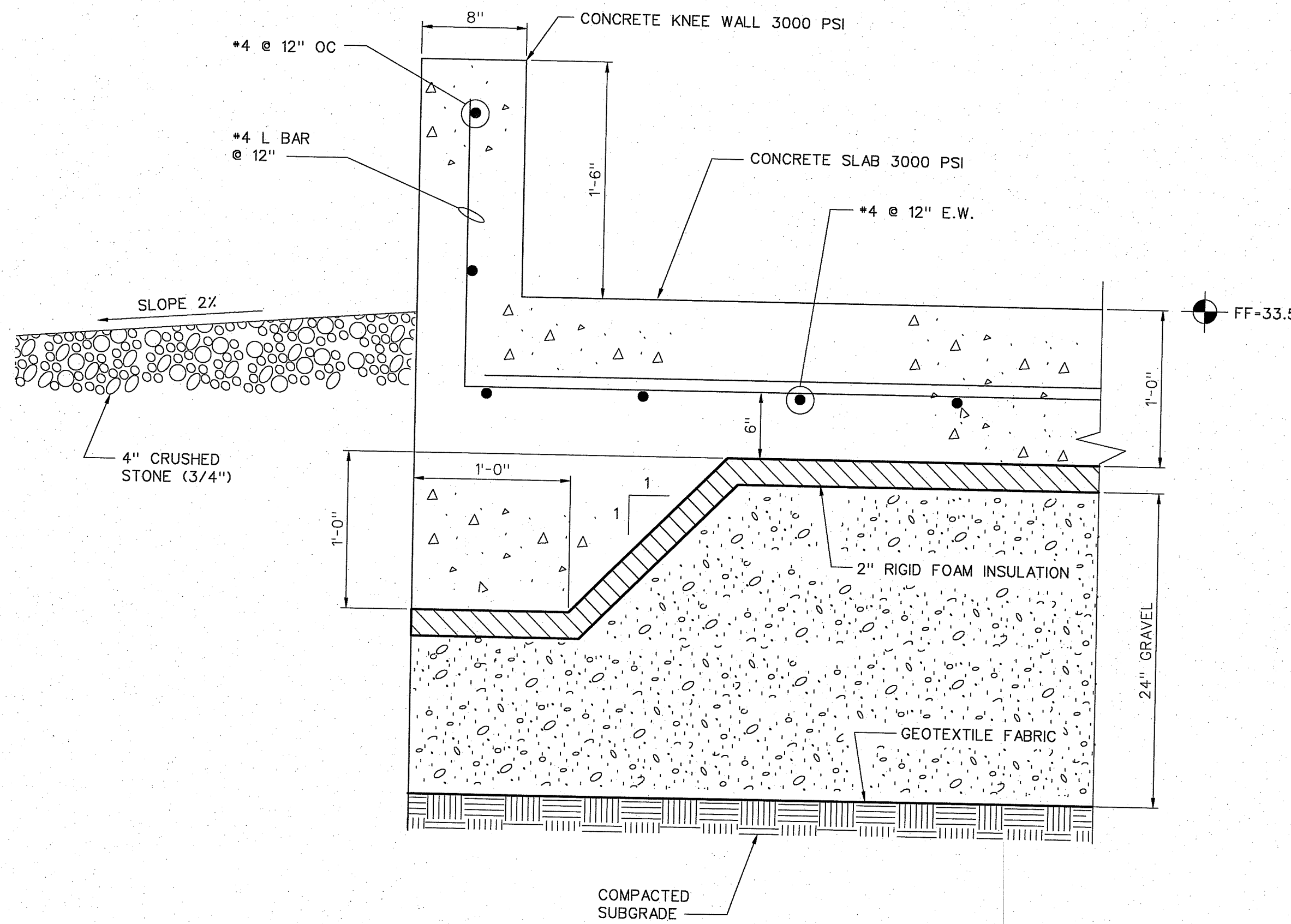
2" SCALE: 3/8"=1'-0"

10' SCALE: 1"=10'

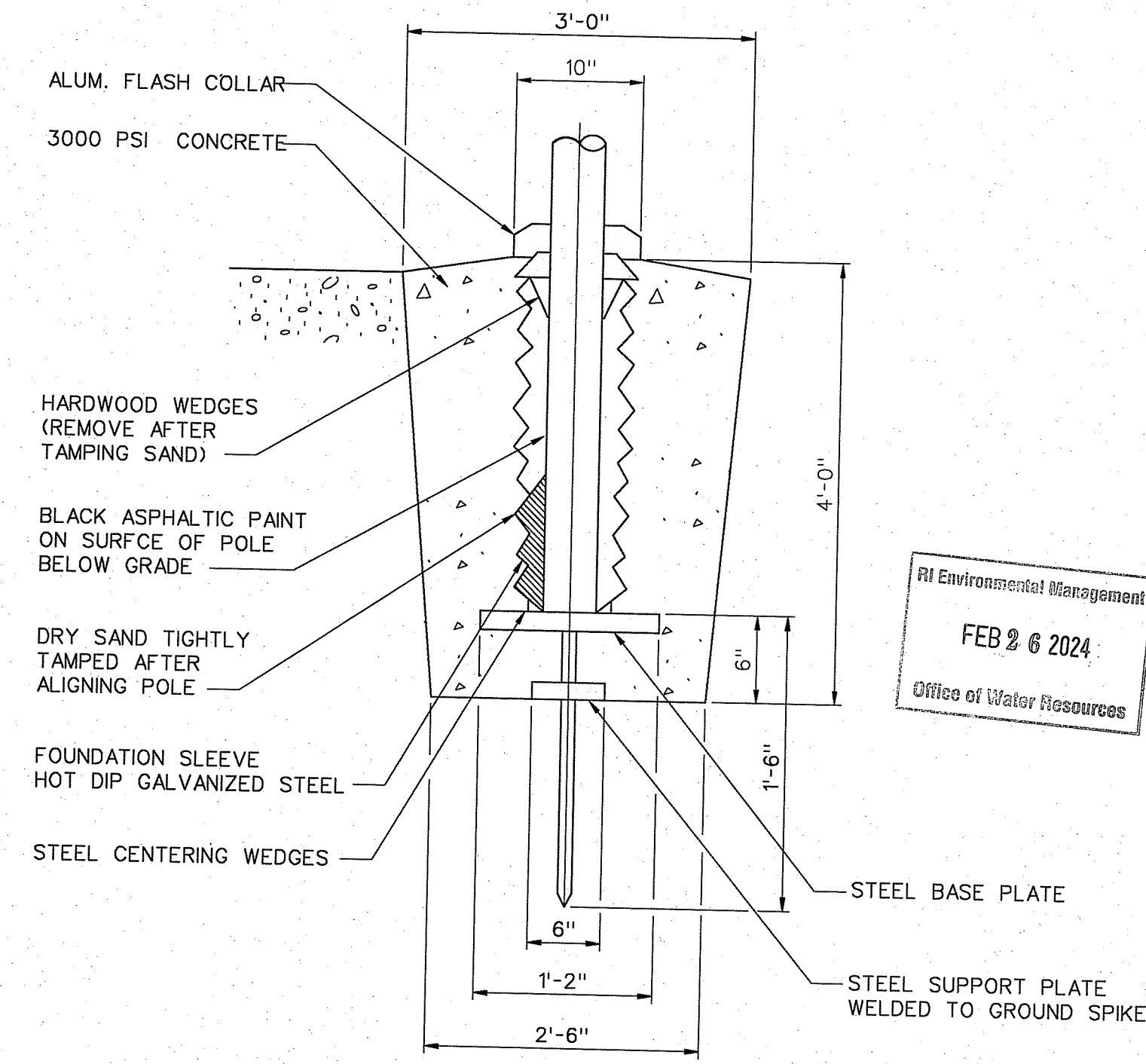


DELEGATED DESIGN: CONTRACTOR TO PROVIDE SHOP DRAWINGS AND DESIGN ANALYSIS, SIGNED AND SEALED BY PROFESSIONAL ENGINEER. DRAWINGS TO INCLUDE FRAMING AND ANCHORAGE TO CONCRETE SLAB. PLANS TO SHOW BUILDING PLANS, ELEVATIONS, AND SECTION DETAILS.

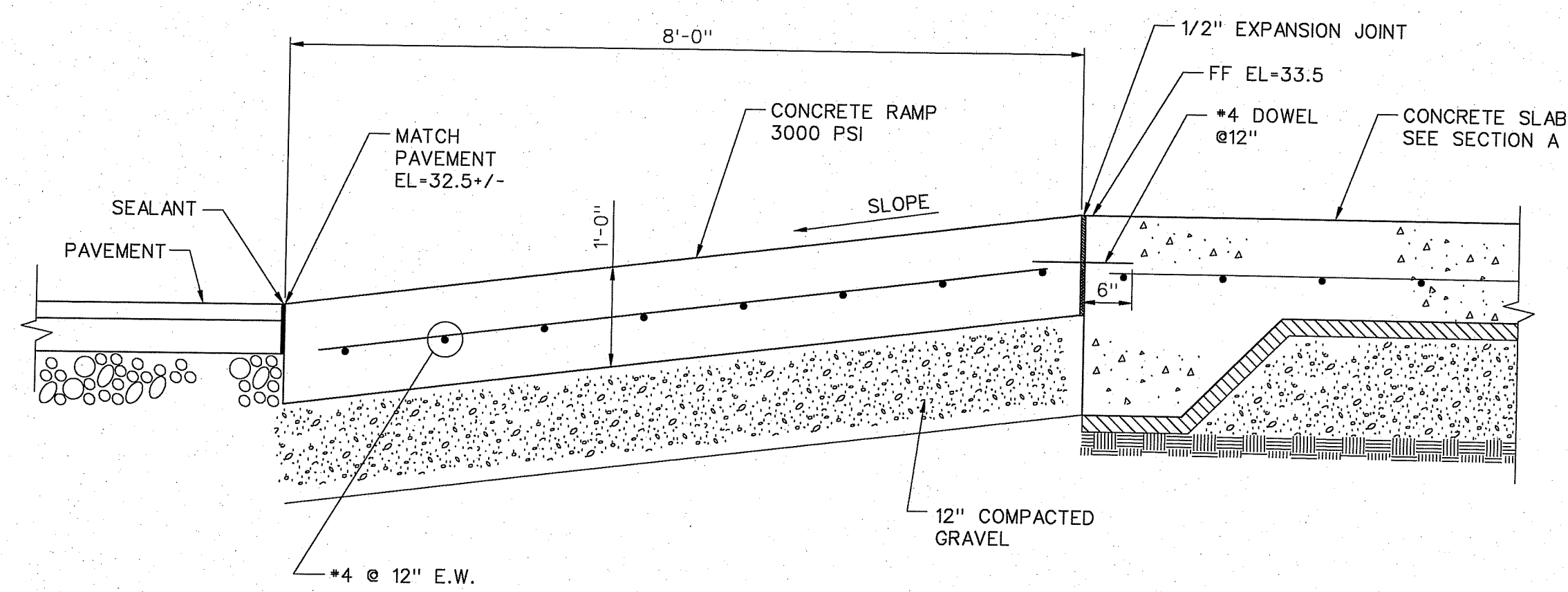
1 FOUNDATION PLAN
SCALE: 3/8"=1'-0"



A FOUNDATION SECTION
SCALE: 1-1/2"=1'-0"



C EXISTING FLAGPOLE BASE DETAIL
NOT TO SCALE



B RAMP DETAIL
SCALE: 3/4"=1'-0"

RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM

NOTE PER DEM:
Kindly be advised that this Permit is not equivalent to a verification of the type or extent of freshwater wetlands on site

RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM

APPROVED WITH CONDITIONS AS SPECIFIED IN THE LETTER OF APPROVAL
DATED: MAR 21 2024 FILE #: 23-0112
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE
Nancy L. Freeman

RIDEM PERMITTING SET
DRAWING 19 OF 21
REVISION 3

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

SCALE: 1 1/2"=1'-0"

SCALE: 3/8"=1'-0"

PARSONS

PTSI Managed Services Inc.
T4 New England
100 W. WALNUT STREET
PASADENA, CA 91124
(926) 420-2000
PE.0008088-COA



RELEASED FOR:
FINAL REV 3 - DECEMBER 2023

JASON RIVERA
No. 14948
REGISTERED PROFESSIONAL ENGINEER
CIVIL

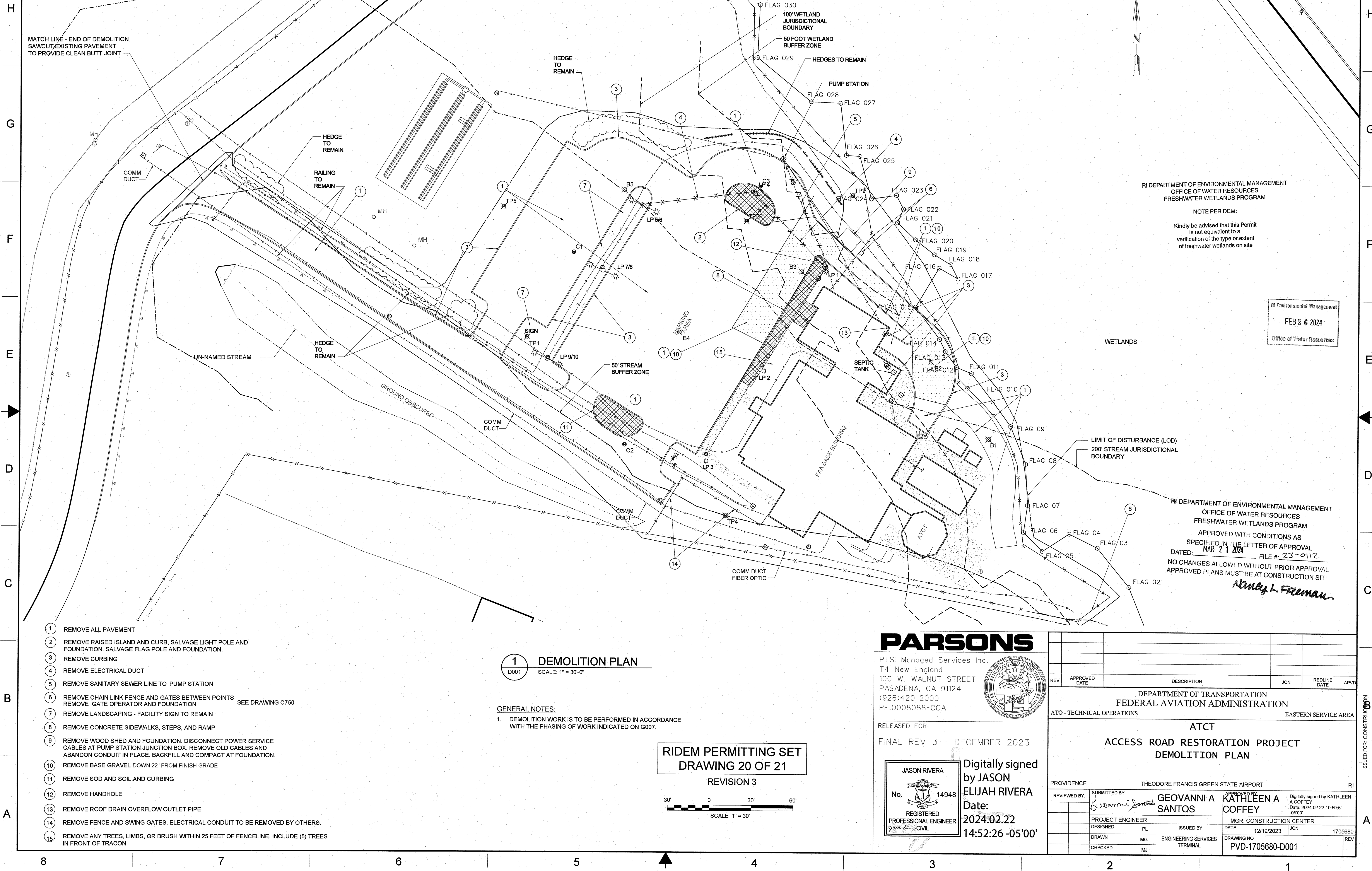
Digitally signed by JASON ELIJAH RIVERA
Date: 2024.02.22 14:49:52 -05'00'

02/23/2023		CONSTRUCTION, WR #20022		1705680	07/28/2022
REV	APPROVED DATE	DESCRIPTION		JCN	REDLINE DATE
		DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION		EASTERN SERVICE AREA	
		ATO - TECHNICAL OPERATIONS		ATCT	
		ACCESS ROAD RESTORATION PROJECT STORAGE BUILDING FOUNDATION PLAN RAMP DETAIL & FLAGPOLE BASE DETAIL			
PROVIDENCE		THEODORE FRANCIS GREEN STATE AIRPORT		RI	
REVIEWED BY	SUBMITTED BY	GEOVANNI A SANTOS		KATHLEEN A COFFEY	
DESIGNED	DATE	12/20/2023		1705680	
DRAWN	MG	ENGINEERING SERVICES TERMINAL		PVD-1705680-S101	
CHECKED	MJ				

RI Environmental Management
FEB 26 2024
Office of Water Resources

CONSTRUCTION

A



RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM

NOTE PER DEM:
Kindly be advised that this Permit is not equivalent to a verification of the type or extent of freshwater wetlands on site

RI Environmental Management
FEB 26 2024
Office of Water Resources

RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM

APPROVED WITH CONDITIONS AS SPECIFIED IN THE LETTER OF APPROVAL
DATED: MAR 21 2024 FILE #: 23-0112

NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

Nancy L. Freeman

- 1 REMOVE ALL PAVEMENT
- 2 REMOVE RAISED ISLAND AND CURB, SALVAGE LIGHT POLE AND FOUNDATION. SALVAGE FLAG POLE AND FOUNDATION.
- 3 REMOVE CURBING
- 4 REMOVE ELECTRICAL DUCT
- 5 REMOVE SANITARY SEWER LINE TO PUMP STATION
- 6 REMOVE CHAIN LINK FENCE AND GATES BETWEEN POINTS SEE DRAWING C750
REMOVE GATE OPERATOR AND FOUNDATION
- 7 REMOVE LANDSCAPING - FACILITY SIGN TO REMAIN
- 8 REMOVE CONCRETE SIDEWALKS, STEPS, AND RAMP
- 9 REMOVE WOOD SHED AND FOUNDATION. DISCONNECT POWER SERVICE CABLES AT PUMP STATION JUNCTION BOX. REMOVE OLD CABLES AND ABANDON CONDUIT IN PLACE. BACKFILL AND COMPACT AT FOUNDATION.
- 10 REMOVE BASE GRAVEL DOWN 22" FROM FINISH GRADE
- 11 REMOVE SOD AND SOIL AND CURBING
- 12 REMOVE HANDHOLE
- 13 REMOVE ROOF DRAIN OVERFLOW OUTLET PIPE
- 14 REMOVE FENCE AND SWING GATES. ELECTRICAL CONDUIT TO BE REMOVED BY OTHERS.
- 15 REMOVE ANY TREES, LIMBS, OR BRUSH WITHIN 25 FEET OF FENCELINE. INCLUDE (6) TREES IN FRONT OF TRACON

1 DEMOLITION PLAN
D001 SCALE: 1" = 30'-0"

GENERAL NOTES:
1. DEMOLITION WORK IS TO BE PERFORMED IN ACCORDANCE WITH THE PHASING OF WORK INDICATED ON G007.

RIDEM PERMITTING SET
DRAWING 20 OF 21

REVISION 3

30' 0 30' 60'
SCALE: 1" = 30'

PARSONS

PTSI Managed Services Inc.
T4 New England
100 W. WALNUT STREET
PASADENA, CA 91124
(926)420-2000
PE.0008088-COA

RELEASED FOR:
FINAL REV 3 - DECEMBER 2023

JASON RIVERA
No. 14948
REGISTERED PROFESSIONAL ENGINEER
Civil

Digitally signed by JASON ELIJAH RIVERA
Date: 2024.02.22 14:52:26 -05'00'

REV	APPROVED DATE	DESCRIPTION	JCN	REDLINE DATE	APVD
DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION					
ATO - TECHNICAL OPERATIONS		EASTERN SERVICE AREA			
ATCT					
ACCESS ROAD RESTORATION PROJECT DEMOLITION PLAN					
PROVIDENCE THEODORE FRANCIS GREEN STATE AIRPORT RI					
SUBMITTED BY		APPROVED BY		Digitally signed by KATHLEEN A COFFEY	
REVIEWED BY		GEOVANNI A SANTOS		Date: 2024.02.22 10:59:51 -05'00'	
PROJECT ENGINEER		MGR. CONSTRUCTION CENTER		DATE 12/19/2023 JCN 1705680	
DESIGNED PL		ISSUED BY		DRAWING NO	
DRAWN MG		ENGINEERING SERVICES		PVD-1705680-D001	
CHECKED MJ		TERMINAL		REV	

ISSUED FOR: CONSTRUCTION

- NOTES:
1. BASE MAPPING REPRODUCED FROM RIAC FILES, SPECIFICALLY, DRAWING TITLED "WETLAND LOCATION PLAN 2, A.P.321 LOT 4, A.P.325 LOT 24, A.P.326 LOTS 22 AND 157, A.P.342 LOT 3, DRAWING NO. SV-3", DATED 11/1/2012, AND PREPARED BY VANASSE HANGLIN BRUSTLIN, INC. 10 DORANCE STREET, PROVIDENCE, RI.
 2. 2023 WETLAND EDGE DELINEATION PERFORMED BY APPLIED BIO-SYSTEMS, WARWICK, RI. 2023 WETLAND EDGE MARKINGS LOCATIONS DETERMINED WITH A TYPE 1 SURVEY PERFORMED BY FAA.

The Limit of Disturbance depicted on this sheet is the LOD that must be adhered to Per RIDEM. (See Condition No. 3)

RI Environmental Management
FEB 26 2024
Office of Water Resources

RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM

NOTE PER DEM:
Kindly be advised that this Permit is not equivalent to a verification of the type or extent of freshwater wetlands on site

RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM

APPROVED WITH CONDITIONS AS SPECIFIED IN THE LETTER OF APPROVAL
DATED: MAR 21 2024 FILE #: 23-0112
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE
Nancy L. Freeman

RIDEM PERMITTING SET
DRAWING 21 OF 21
REVISION 3

- LEGEND
- EDGE OF WETLAND 2014 STUDY
 - EDGE OF WETLAND 2023 STUDY
 - 50' WETLAND BUFFER ZONE
 - 100' WETLAND JURISDICTIONAL BOUNDARY
 - 50' STREAM BUFFER ZONE
 - 200' STREAM JURISDICTIONAL BOUNDARY
 - LIMIT OF DISTURBANCE
 - SILT FENCE / HAY BALE COMBINATION
 - STRAW WATTLE

1 JURISDICTIONAL AREA PLAN
L101 SCALE: 1" = 30'-0"

PARSONS



PTSI Managed Services Inc.
T4 New England
100 W. WALNUT STREET
PASADENA, CA 91124
(926)420-2000
PE.0008088-COA



RELEASED FOR:
FINAL REV 3 - DECEMBER 2023



Digitally signed by JASON ELIJAH RIVERA
Date: 2024.02.22 14:54:13 -05'00'

	12/20/2023	CONSTRUCTION, WR #20022	1705680	07/28/2022	
REV	APPROVED DATE	DESCRIPTION	JCN	REDLINE DATE	APVD
DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION					
ATO - TECHNICAL OPERATIONS			EASTERN SERVICE AREA		
ATCT					
ACCESS ROAD RESTORATION PROJECT WETLAND & BUFFER ZONE JURISDICTIONAL AREA					
PROVIDENCE			THEODORE FRANCIS GREEN STATE AIRPORT		
REVIEWED BY			SUBMITTED BY		APPROVED BY
					
			GEOVANNI A SANTOS		KATHLEEN A COFFEY
			PROJECT ENGINEER		MGR: ENGINEERING CENTER
			DESIGNED	PL	DATE 12/20/2023
					JCN 1705680
			DRAWN	MG	DRAWING NO
			CHECKED	MJ	PVD-1705680-L101
					REV

ISSUED FOR: CONSTRUCTION