WASHINGTON STATE PARKS & RECREATION COMMISSION

LAURIE CONNELLY, CHAIR

SOPHIA DANENBERG — HOLLY WILLIAMS

ALI RAAD — MICHAEL LATIMER

SCOTT MERRIMAN — ALFIE ALVARADO-RAMOS

DIANA DUPUIS, DIRECTOR

FINAL CONSTRUCTION DOCUMENTS

Mike E. Wenger — 06/13/2025

REGION MANAGER *date*

Kyle Murphy — 06/16/2025

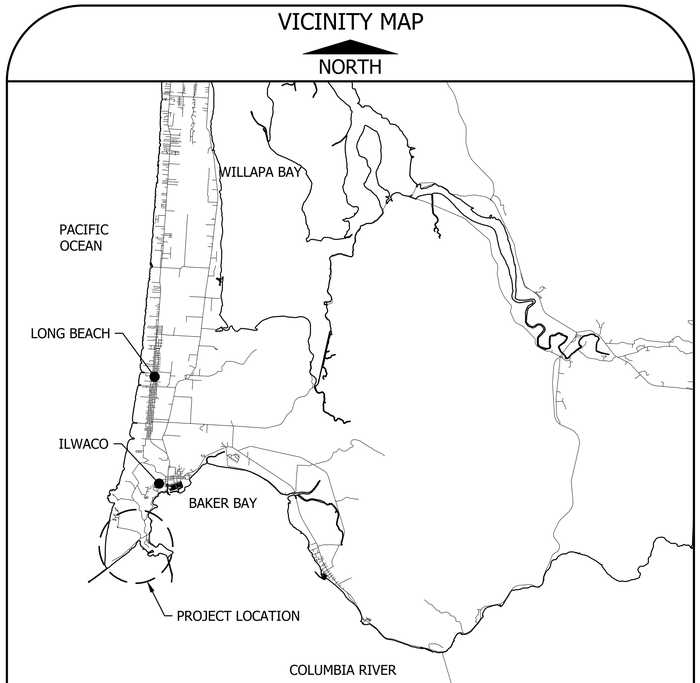
CAPITAL PROGRAM MANAGER *date*

Area Manager: Evan Roberts

CAPE DISAPPOINTMENT STATE PARK

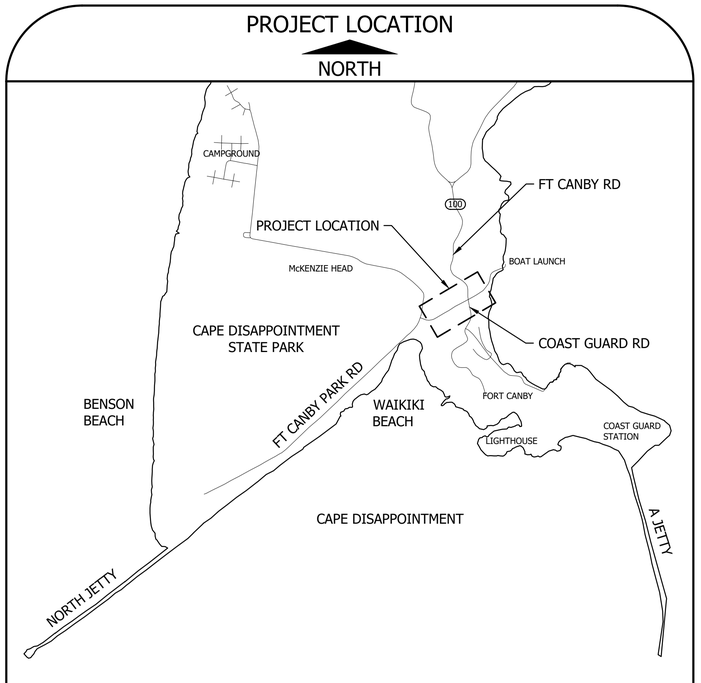
WELCOME CENTER AND ENTRANCE IMPROVEMENTS

VICINITY MAP



46° 16' 59" N, 124° 3' 23" W

PROJECT LOCATION



JETTY ROAD, ILWACO, WA 98624
SEC-9 T-9-N R-11-W
PACIFIC COUNTY TAX PARCEL NUMBER 09110550002

CAD#: PARKCODE-PROJECTCODE-YEAR PROJECT TITLE = PROJECT MANAGER TO PROVIDE

PROJECT TEAM

OWNER: WASHINGTON STATER PARKS AND RECREATION COMMISSION
NORTHWEST REGION HEADQUARTERS
220 N. WALNUT ST.
BURLINGTON, WA 98233

OWNER'S REPRESENTATVE: WASHINGTON STATE PARKS AND RECREATION COMMISSION
1111 ISRAEL ROAD S.W.
TUMWATER, WA 98501

TIM BELL
CONSTRUCTION PROJECT COORDINATION
PROJECT MANAGER
TELEPHONE: (360) 725-9756
TIM.BELL@PARKS.WA.GOV

PROJECT ARCHITECTURAL AND ENGINEERING CONSULTANTS

Otak

OTAK INC.
11241 WILLOWS RD NE, SUITE 200
REDMOND, WA 98052
WWW.OTAK.COM

PROJECT LEAD: OTAK INC. — KEITH BATES, SENIOR PROJECT MANAGER, TELEPHONE: (425) 250-5342, KEITH.BATES@OTAK.COM
CIVIL ENGINEER: OTAK INC. — KEVIN KRAXBERGER, P.E., TELEPHONE: (425) 739-4240, KEVIN.KRAXBERGER@OTAK.COM
STRUCTURAL ENGINEER: OTAK INC. — SEAN CLARK, P.E., TELEPHONE: (360) 906-9438, SEAN.CLARK@OTAK.COM
ARCHITECT: OTAK INC. — KURT BASFORD, TELEPHONE: (303) 575-4397, KURT.BASFORD@OTAK.COM
LANDSCAPE ARCHITECT: OTAK INC. — BEN SCHNEIDER, PLA, TELEPHONE: (425) 739-7954, BEN.SCHNEIDER@OTAK.COM
LAND SURVEYOR: OTAK INC. — JON YAMASHITA, PLS, TELEPHONE: (503) 415-2379, JON.YAMASHITA@OTAK.COM

INTERFACE ENGINEERING

INTERFACE ENGINEERING INC.
100 SW MAIN STREET, SUITE 1600
PORTLAND, OR 97204
INTERFACEENGINEERING.COM

ELECTRICAL AND MECHANICAL: INTERFACE ENGINEERING — ANDREW FLANAGAN, P.E., TELEPHONE: (503) 382-2266, ANDREWF@INTERFACEENG.COM

RhinoOne GEOTECHNICAL

RHINOONE GEOTECHNICAL
12308 NE 56TH STREET, UNIT 1107
VANCOUVER, WA 98682
RHINOONEENG.COM

GEOTECHNICAL ENGINEERING: RHINOONE ENGINEERING — RAJIV ALI, P.E., TELEPHONE: (360) 258-1738, RAJIV@RHINOONEENG.COM

ACC COST CONSULTANTS

ACC COST CONSULTANTS, LLC
8060 SW PFAFFLE STREET, SUITE 110
PORTLAND, OREGON 97223
ARCHCOST.COM

CONSTRUCTION COST ESTIMATING: ACC COST CONSULTANTS, LLC — MCCABE KARCHER, TELEPHONE: (503) 718-0075, MCCABEK@ARCHCOST.COM

SHEET INDEX

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15	C1.5	SITE DETAILS
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101	SW7.3	WELCOME CENTER FRAMING DETAILS
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114	E6.3	SCHEDULES - ELECTRICAL

THREE WATERS TRAIL - EAST SIDE

GENERAL (GE)	
GE 01	COVER SHEET
GE 02	EXISTING SITE
GE 03	PROPOSED SITE
GE 04	SIGNAGE PLAN
DETAIL (DT)	
DT 01	ROAD SECTIONS
DT 02	ROAD SECTIONS
SIGNAGE (SGN)	
SGN 01	SIGNAGE PLAN
APPENDICES (APP)	
APP 01	CROSSWALK SITE

CAD NO. K:\PROJECT\33400\33427\CADD\ACAD\Dwg\G-SHEET LIST.dwg

	DATE
	APP.
	INT.
	REVISIONS
	NO.

ACTION	BY	DATE
DESIGNED		
DRAWN		
CHECKED (FIELD)		
CHECKED (HDQTS.)		

KEVIN C. KRAXBERGER — STATE OF WASHINGTON — 39870 — REGISTERED PROFESSIONAL ENGINEER — 1.31.24

PROJECT ENGINEER

WASHINGTON STATE PARKS AND RECREATION COMMISSION

CAPE DISAPPOINTMENT STATE PARK

WELCOME CENTER AND ENTRANCE IMPROVEMENTS

PROJECT TEAM & SHEET INDEX

G1.2

SCALE

PARKS FILE#

Plotted: Feb 02, 2024 – 4:12pm ben.schneider K:\PROJECT\33400\33427\CADD\ACAD\Dwg\G-SHEET LIST.dwg Layout Name: G1.2

SYMBOL LEGEND

EXISTING	PROPOSED	DESCRIPTION
		AREA DRAIN
AR		AIR RELEASE VALVE
BO		BLOW OFF
		BOLLARD
CP		CABLE PEDESTAL
		CATCH BASIN
		CLEAN OUT
		COMMUNICATION RISER
EM		ELECTRICAL METER
		ELECTRIC SUBSURFACE JUNCTION BOX
		ELECTRIC SURFACE JUNCTION BOX
		FIRE HYDRANT
GM		GAS METER
GV		GAS VALVE
		GUY POLE
		HANDICAPPED PARKING
		HOSE BIB
		LANDSCAPE LIGHT
		LIGHT POLE
		LINE CONTINUES
T		POWER TRANSFORMER
P		POWER VAULT
RD		ROOF DRAIN
S		SANITARY SEWER MANHOLE
		SIGN
		POWER VAULT
XX.X'		SPOT ELEVATION
D		STORM DRAIN MANHOLE
		STREET LIGHT
		SURVEY CONTROL
T		TELEPHONE MANHOLE
TP		TELEPHONE PEDESTAL
		UTILITY POLE
		UTILITY POLE WITH LIGHT
WM		WATER METER
		WATER SHUT OFF
WV		WATER VALVE
		CONIFER TREE
		DECIDUOUS TREE
		EVERGREEN TREE

LINE AND HATCHING LEGEND

EXISTING	PROPOSED	DESCRIPTION
TV TV		CABLE TV LINE
		EDGE OF PAVEMENT
X X		FENCE LINE
G G		GAS LINE
P P		POWER LINES (OVERHEAD)
P P		POWER LINES (UNDERGROUND)
SS SS		SANITARY SEWER LINE
SD		STORM DRAIN LINE
T T		TELEPHONE LINE
W W		WATER LINE
		WETLAND

SEE APPLICABLE DISCIPLINE FOR ADDITIONAL LEGEND

ABBREVIATIONS

ABBREVIATION	NAME OR PHRASE
AP	ANGLE POINT
APPROX.	APPROXIMATE
ASSY	ASSEMBLY
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS
BFC	BOTTOM FACE OF CURB
BK.	BACK
BLDG	BUILDING
BOF	BOTTOM OF FOOTING
BOW	BOTTOM OF WALL
BRG	BEARING
BVCS	BEGIN VERTICAL CURVE ELEVATION
BVCE	BEGIN VERTICAL CURVE STATION
℄	CENTERLINE
CLR.	CLEARANCE
CONST.	CONSTRUCTION
CONT.	CONTINUE OR CONTINUOUS
CSBC	CRUSHED SURFACING BASE COURSE
CSTC	CRUSHED SURFACING TOP COURSE
CTRL	CONTROL
DIAM.	DIAMETER
DWG	DRAWING
DBH	DIAMETER AT BREAST HEIGHT
E	EAST
EA	EACH
ELEV. OR EL.	ELEVATION
EMBED.	EMBEDMENT
EOP	EDGE OF PAVEMENT
EOW	EDGE OF WALKWAY OR TRAIL
EVCE	END VERTICAL CURVE ELEVATION
EVCS	END VERTICAL CURVE STATION
EXIST.	EXISTING
FG	FINISH GRADE
FIG.	FIGURE
FL	FLOW LINE (ELEVATION) OR FLANGE
FT	FOOT OR FEET
FTG.	FOOTING
GB	GRADE BREAK
GRVL	GRAVEL
HORZ.	HORIZONTAL
ID	INSIDE DIAMETER
IE	INVERT ELEVATION
LBS.	POUNDS
LF	LINEAR FEET
LT	LEFT
LVC	LENGTH OF VERTICAL CURVE
MAX.	MAXIMUM
MIN.	MINIMUM
N	NORTH
NE	NORTHEAST
NO.	NUMBER
NW	NORTHWEST
N.I.C.	NOT IN CONTRACT
O.C.	ON CENTER
O.D.	OUTSIDE DIAMETER
OHWM	ORDINARY HIGH WATER MARK

ABBREVIATION	NAME OR PHRASE
PAV'T	PAVEMENT
PC	POINT OF CURVATURE
PCC	POINT OF COMPOUND CURVE
PI	POINT OF INTERSECTION
PRC	POINT OF REVERSE CURVE
PROP.	PROPOSED
PSE	PUGET SOUND ENERGY
PSI	POUND PER SQUARE INCH
PT	POINT OF TANGENCY OR POINT
PVI	POINT OF VERTICAL INTERSECTION
R	RADIUS
RT	RIGHT
R/W	RIGHT-OF-WAY
S	SOUTH
SE	SOUTHEAST
SHT	SHEET
SPEC	SPECIFICATIONS
STA	STATION
STD	STANDARD
SW	SOUTHWEST
SYMM.	SYMMETRICAL
TBC	TOP BACK OF CURB
TEMP	TEMPORARY
TESC	TEMP. EROSION & SEDIMENT CONTROL
TYP.	TYPICAL
TFC	TOP FACE OF CURB
VERT.	VERTICAL
W	WEST
W/	WITH
WSDOT	WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
WSPRC	WASHINGTON STATE PARKS AND RECREATION COMMISSION

GENERAL NOTES:

1. CONTRACTOR SHALL COMPLY WITH ALL FEDERAL, STATE, OR LOCAL LAWS, ORDINANCES, AND REGULATIONS THAT AFFECT WORK UNDER THE CONTRACT. SEE SPECIFICATIONS FOR ADDITIONAL DETAILS.
2. AN APPROVED SET OF CONSTRUCTION PLANS AND SPECIFICATIONS FOR ALL WORK SHALL BE KEPT ON THE CONSTRUCTION SITE AT ALL TIMES.
3. THE CONTRACTOR SHALL VERIFY ALL EXISTING DATA SHOWN IN THESE DOCUMENTS AND NOTIFY ENGINEER IMMEDIATELY OF ANY CONFLICTS WITH PROPOSED FEATURES PRIOR TO CONSTRUCTION.
4. KEEP OFF-SITE STREETS CLEAN AT ALL TIMES. FLUSHING STREETS SHALL NOT BE ALLOWED. STREETS SHALL BE SWEPT.
5. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED BY THE WSPRC INSPECTOR DEPENDING ON SITE AND WEATHER CONDITIONS OR WHEN WORK IS STOPPED OR COMPLETED IN AN AREA.

CAD NO. K:\PROJECT\33400\33427\CADD\ACAD\Dwg\G-LEGEND.dwg

NO.	REVISIONS	INT.	APP.	DATE

ACTION	BY	DATE
DESIGNED		
DRAWN		
CHECKED (FIELD)		
CHECKED (HDQTS.)		

KEVIN C. KRAXBERGER — STATE OF WASHINGTON — 39870 — REGISTERED PROFESSIONAL ENGINEER — 1/31/24

PROJECT ENGINEER

WASHINGTON STATE PARKS AND RECREATION COMMISSION

CAPE DISAPPOINTMENT STATE PARK

WELCOME CENTER AND ENTRANCE IMPROVEMENTS

LEGEND, ABBREVIATIONS, AND GENERAL NOTES

G1.3

SCALE

PARKS FILE#

Plotted: Feb 02, 2024 – 8:53am eva.ho K:\PROJECT\33400\33427\CADD\ACAD\Dwg\G-LEGEND.dwg Layout Name: G1.3

RELOCATED DUMPSTER

EXISTING RESTROOM

EXISTING BUILDING/CONCRETE PAD TO BE REMOVED

CONC. PAD FOR FUTURE ADA PARKING STALLS

FUTURE RESTROOM

START OF THREE WATERS TRAIL MISSING LINK

OVERLOOK WITH HIGH-END SPECIALTY DECKING

EXISTING WETLAND

BOARDWALK

OVERLOOK

EXISTING WETLAND

SR 100

EXISTING TRAIL

EXISTING WETLAND

CONCRETE SIDEWALK (TYP.)

WETLAND AREA TO BE ENLARGED/RESTORED

INFORMATION KIOSK

PLAZA

AUTO PARKING

WELCOME CENTER

WETLAND AREA TO BE ENLARGED/ENHANCED

GRAVEL PARKING AREA

GRAVEL AREA OLD STORE SITE

FORT CANBY STATE PARK BOUNDARY

RV PARKING

FORT CANBY PARK RD

CAPE DISAPPOINTMENT PARK SIGN

EXISTING WETLAND

FLAG POLE

GRAVEL AREA

NEW STORE F.F.=19.7

COVERED PARKING

VOLUNTEER CAMPSITES

EXISTING THREE WATERS TRAIL

MAINTENANCE YARD

EXISTING WETLAND

COAST GUARD RD

EXISTING STORE

SHOP

EXISTING ADMIN BUILDING

EXISTING WETLAND

MAR.

SHEET 4 OF 114

CAD NO. K:\PROJECT\33400\33427\CADD\ACAD\Dwg\G-PROJECT OVERVIEW.dwg

NO.	REVISIONS	INT.	APP.	DATE

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CHECKED (HDQTS.)		

KEVIN C. KRAXBERGER — STATE OF WASHINGTON — 39870 — REGISTERED PROFESSIONAL ENGINEER — 1/31/24

PROJECT ENGINEER

WASHINGTON STATE PARKS AND RECREATION COMMISSION

CAPE DISAPPOINTMENT STATE PARK

WELCOME CENTER AND ENTRANCE IMPROVEMENTS

PROJECT OVERVIEW

G1.4

SCALE 0 50' 100'

PARKS FILE#

Plotted: Feb 02, 2024 – 8:54am eva.ho K:\PROJECT\33400\33427\CADD\ACAD\Dwg\G-PROJECT OVERVIEW.dwg Layout Name: G1.4

MATCHLINE SEE DWG V1.3

MATCHLINE SEE DWG V1.2

SURVEY CONTROL POINT, SEE SHEET V1.3 FOR DETAILS (TYP.)

FORT CANBY PARK RD

RANGER STATION

MAINTENANCE YARD

MAINTENANCE BLDG

AREA I

AREA II

ABANDON SANITARY SEWER MANHOLE

ABANDONED COMM LINE

COAST GUARD

52675 SSMH RIM = 20.49

52681 SSMH RIM = 21.28

52678 SSMH RIM = 21.29
6" PVC INV IN (NW)=14.8'
4" PVC INV IN (SE)=15.0'
4" PVC INV IN (SW)=17.7'
8" SDR 35 INV IN (NE)=14.8'
8" SDR 35 INV OUT (SW)=14.7'

52358 SDAD RIM = 20.47

52541 SSCO RIM = 21.20

52540 SSCO RIM = 21.32

SSMH #5355 RIM ELEV=21.65 8" SDR 35 INV IN(NE)=13.2' 8" SDR 35 INV OUT(SW)=13.2'

4" PVC SEWER LINE PLUGGED

"KEEP RIGHT"

"PAY TO PARK"

"GARBAGE PARKING ONLY"

"AUTHORIZED VEHICLES"

ASPHALT

CURB

GRAVEL

CONC.

CONC. PLANTER

BIKE RACKS

TRAFFIC THRU

TRANS.

SHED

SWITCH BOX

7' WOOD FENCE

W5-A10

W5-A11

8" PIN

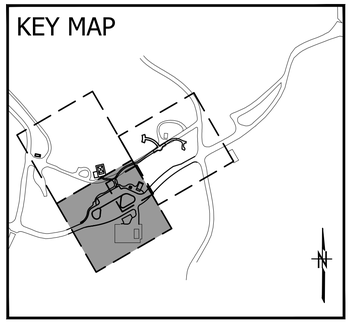
DIA. DRY WELL AT CL

SURVEY NOTES:

1. THE HORIZONTAL DATUM FOR THIS PROJECT IS THE WASHINGTON STATE PLANE COORDINATE SYSTEM SOUTH ZONE, NAD83(CORS). THE VERTICAL DATUM IS NAVD 1988 AND BASED UPON N.G.S. BENCHMARK T536 (PID SD0294) WHICH IS A 3-1/4 INCH BRASS DISK SET IN A LARGE BASALT OUTCROP IN THE MEDIAN OF THE ROADS GOING TO THE BOAT RAMPS. THE ELEVATION OF THIS MARK IS 20.62' NAVD88.
2. ALL DISTANCES SHOWN ARE GRID VALUES TO OBTAIN GROUND VALUES DIVIDE DISTANCES BY PROJECT COMBINED FACTOR OF 0.999931. FOR GEODETIC NORTH FROM GRID NORTH, AS SHOWN HEREON, ROTATE COUNTER-CLOCKWISE 2°35'30"
3. THE RIGHT-OF-WAY SHOWN HEREON IS FOR REFERENCE TO THE EXISTING PAVEMENT ONLY. SEE HLB AND ASSOC. INC SR100 RIGHT-OF-WAY DRAWING FURNISHED TO PARAMETRIX INC. FOR FURTHER DETAILS.
4. THIS TOPOGRAPHICAL MAP IS COMPILATION OF FIELD DATA COLLECTED BY HLB AND ASSOCIATES, INC. USING TRADITIONAL METHODS, AERIAL PHOTOGRAMETRIC MAPPING BY SPENCER B. GROSS , AND WASHINGTON STATE PARKS MAPPING SURVEYS. UTILITY LOCATIONS AS SHOWN HEREON WERE LOCATED IN THE FALL OF 2002. SUBSURFACE UTILITIES ARE PER UTILITY COMPANY RECORDS, WASHINGTON STATE PARKS RECORDS AND/OR SURFACE PAINTMARK LOCATIONS. THEY DO NOT GUARANTEE THEIR RECORDS OR SURFACE LOCATES TO BE FREE OF ERRORS OR OMISSIONS, THEREFORE HLB & ASSOCIATES, INC. RESERVES THE SAME LIMITATIONS.

NOTE: CONTOURS SHOWN AT 1' INTERVALS

KEY MAP



SHEET 5 OF 114

CAD NO. K:\PROJECT\33400\33427\CADD\ACAD\Dwg\V-SURVEY.dwg

REVISIONS	INT.	APP.	DATE

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PROJECT ENGINEER

WASHINGTON STATE PARKS AND RECREATION COMMISSION

CAPE DISAPPOINTMENT STATE PARK

WELCOME CENTER AND ENTRANCE IMPROVEMENTS

SURVEY CONTROL PLAN

V1.1

SCALE 20' 0 40'

PARKS FILE#

Plotted: Feb 02, 2024 – 8:54am eva.ho K:\PROJECT\33400\33427\CADD\ACAD\Dwg\V-SURVEY.dwg Layout Name: V1.1

MATCHLINE SEE DWG V1.3

MATCHLINE SEE DWG V1.1

WILLOW THROUGH THIS AREA

WATER WASH

ABANDON SANITARY SEWER MANHOLE

12" WOOD POST

TELEPHONE BOOTH

TELEPHONE SPLICE BOX

LARGE WOOD POST AND 6" LINK CHAIN FENCE

FORT CANBY STATE PARK SIGN

GRAVEL HA OLD STORE

SR 100

CATCH BASIN

SS MANHOLE RIM EL.=21.4' 4"SDR35 IN(NE) INV. EL.=17.2' 8"SDR35 OUT(SW) INV. EL.=17.05'

SS MANHOLE RIM EL.=21.7' 4"SDR35 IN(NE) INV. EL.=16.1' 8"SDR35 OUT(SW) INV. EL.=15.9"

12"-18" ALD

16" WL

12" ALD

16" ALD

20" ALD

26" ALD

22" ALD

24" ALD

FORT CANBY PARK RD

SURVEY CONTROL POINT, SEE SHEET V1.3 FOR DETAILS (TYP.)

"STOP" "DO NOT ENTER"

BLUE & WHITE

18" CMP

GRASS

GRAVEL AREA

ABOVE GROUND ELEC

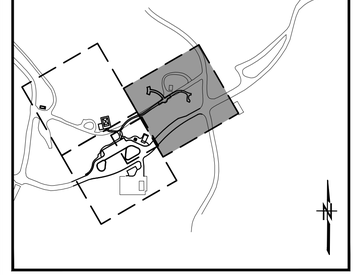
TELEPHONE

SURVEY NOTES:

1. THE HORIZONTAL DATUM FOR THIS PROJECT IS THE WASHINGTON STATE PLANE COORDINATE SYSTEM SOUTH ZONE, NAD83(CORS). THE VERTICAL DATUM IS NAVD 1988 AND BASED UPON N.G.S. BENCHMARK T536 (PID SD0294) WHICH IS A 3-1/4 INCH BRASS DISK SET IN A LARGE BASALT OUTCROP IN THE MEDIAN OF THE ROADS GOING TO THE BOAT RAMPS. THE ELEVATION OF THIS MARK IS 20.62' NAVD88.
2. ALL DISTANCES SHOWN ARE GRID VALUES TO OBTAIN GROUND VALUES DIVIDE DISTANCES BY PROJECT COMBINED FACTOR OF 0.999931. FOR GEODETIC NORTH FROM GRID NORTH, AS SHOWN HEREON, ROTATE COUNTER-CLOCKWISE 2°35'30"
3. THE RIGHT-OF-WAY SHOWN HEREON IS FOR REFERENCE TO THE EXISTING PAVEMENT ONLY. SEE HLB AND ASSOC. INC SR100 RIGHT-OF-WAY DRAWING FURNISHED TO PARAMETRIX INC. FOR FURTHER DETAILS.
4. THIS TOPOGRAPHICAL MAP IS COMPILATION OF FIELD DATA COLLECTED BY HLB AND ASSOCIATES, INC. USING TRADITIONAL METHODS, AERIAL PHOTOGRAMETRIC MAPPING BY SPENCER B. GROSS , AND WASHINGTON STATE PARKS MAPPING SURVEYS. UTILITY LOCATIONS AS SHOWN HEREON WERE LOCATED IN THE FALL OF 2002. SUBSURFACE UTILITIES ARE PER UTILITY COMPANY RECORDS, WASHINGTON STATE PARKS RECORDS AND/OR SURFACE PAINTMARK LOCATIONS. THEY DO NOT GUARANTEE THEIR RECORDS OR SURFACE LOCATES TO BE FREE OF ERRORS OR OMISSIONS, THEREFORE HLB & ASSOCIATES, INC. RESERVES THE SAME LIMITATIONS.

NOTE: CONTOURS SHOWN AT 1' INTERVALS

KEY MAP



SHEET 6 OF 114

CAD NO. K:\PROJECT\33400\33427\CADD\ACAD\Dwg\V-SURVEY.dwg

REVISIONS	INT.	APP.	DATE

ACTION	BY	DATE
DESIGNED		
DRAWN		
CHECKED (FIELD)		
CHECKED (HDQTS.)		

NGO S. TSOI
EXPIRES 9/29/2025
21013258
REGISTERED
PROFESSIONAL LAND SURVEYOR

PROJECT ENGINEER

WASHINGTON STATE PARKS AND RECREATION COMMISSION

CAPE DISAPPOINTMENT STATE PARK

WELCOME CENTER AND ENTRANCE IMPROVEMENTS

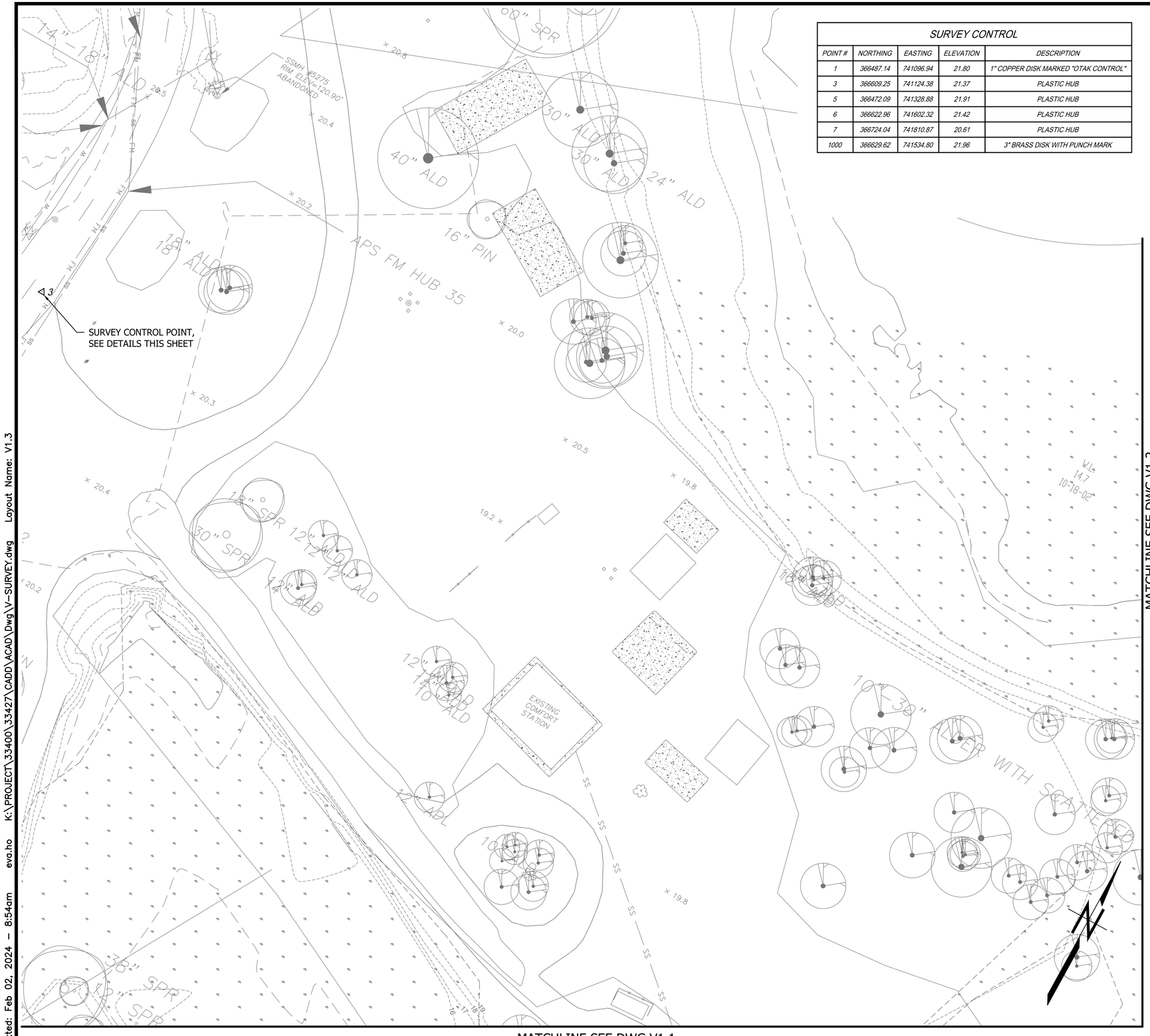
SURVEY CONTROL PLAN

V1.2

SCALE 20' 0 40'

PARKS FILE#

Plotted: Feb 02, 2024 - 8:54am eva.ho K:\PROJECT\33400\33427\CADD\ACAD\Dwg\V-SURVEY.dwg Layout Name: V1.2



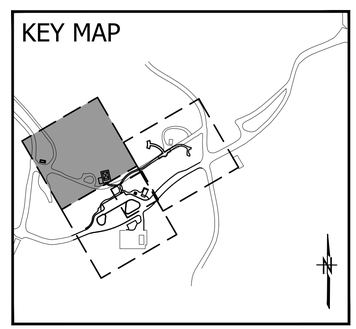
SURVEY CONTROL				
POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	366487.14	741096.94	21.80	1" COPPER DISK MARKED "OTAK CONTROL"
3	366609.25	741124.38	21.37	PLASTIC HUB
5	366472.09	741328.88	21.91	PLASTIC HUB
6	366622.96	741602.32	21.42	PLASTIC HUB
7	366724.04	741810.87	20.61	PLASTIC HUB
1000	366629.62	741534.80	21.96	3" BRASS DISK WITH PUNCH MARK

SURVEY NOTES:

1. THE HORIZONTAL DATUM FOR THIS PROJECT IS THE WASHINGTON STATE PLANE COORDINATE SYSTEM SOUTH ZONE, NAD83(CORS). THE VERTICAL DATUM IS NAVD 1988 AND BASED UPON N.G.S. BENCHMARK T536 (PID SD0294) WHICH IS A 3-1/4 INCH BRASS DISK SET IN A LARGE BASALT OUTCROP IN THE MEDIAN OF THE ROADS GOING TO THE BOAT RAMPS. THE ELEVATION OF THIS MARK IS 20.62' NAVD88.
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NOTE: CONTOURS SHOWN AT 1' INTERVALS

KEY MAP



SHEET 7 OF 114

CAD NO. K:\PROJECT\33400\33427\CADD\ACAD\Dwg\V-SURVEY.dwg

REVISIONS	NO.	INT.	APP.	DATE

ACTION	BY	DATE
DESIGNED		
DRAWN		
CHECKED (FIELD)		
CHECKED (HDQTS.)		

NGO S. TSOI — 21013258 — REGISTERED PROFESSIONAL LAND SURVEYOR

PROJECT ENGINEER

WASHINGTON STATE PARKS AND RECREATION COMMISSION

CAPE DISAPPOINTMENT STATE PARK

WELCOME CENTER AND ENTRANCE IMPROVEMENTS

SURVEY CONTROL PLAN

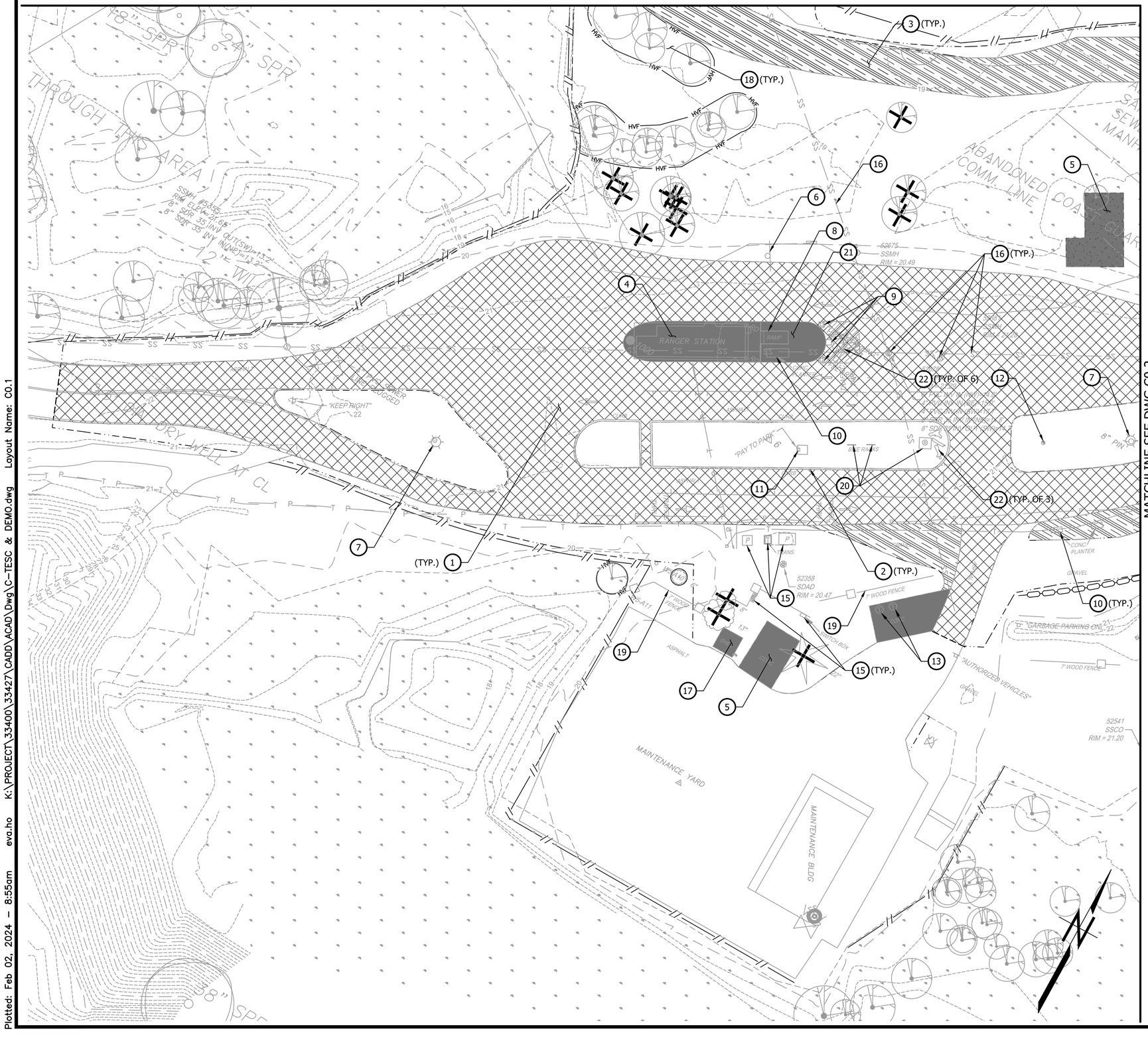
V1.3

SCALE 20' 0 40'

PARKS FILE#

Plotted: Feb 02, 2024 – 8:54am eva.ho K:\PROJECT\33400\33427\CADD\ACAD\Dwg\V-SURVEY.dwg Layout Name: V1.3

MATCHLINE SEE DWG C0.3



MATCHLINE SEE DWG C0.2

DEMOLITION NOTES:

1. REMOVE EXISTING ASPHALT PAVING.
2. REMOVE EXISTING TRAFFIC CURB.
3. REMOVE EXISTING GRAVEL SURFACING.
4. REMOVE EXISTING BUILDING AND CONCRETE PAD.
5. REMOVE EXISTING CONCRETE FOUNDATION.
6. RELOCATE EXISTING KIOSK.
7. REMOVE EXISTING WOOD LIGHT POLE.
8. REMOVE CONCRETE ACCESS RAMP & HANDRAILS.
9. REMOVE (3) EXISTING CMU COLUMNS.
10. REMOVE EXISTING CONCRETE PLANTER.
11. SALVAGE EXISTING PAY STATION.
12. SALVAGE EXISTING FLAG POLE.
13. SALVAGE EXISTING DUMPSTER/TRASH COMPACTOR
14. REMOVE EXISTING HISTORIC BUILDING.
15. SEE ELECTRICAL SITE PLAN FOR NEW LOCATION.
16. PROTECT EXISTING UTILITY LINES/STRUCTURES.
17. REMOVE EXISTING SHED.
18. HAND CLEAR AND GRUB WITHIN FENCING LIMIT; SEE DETAILS ON DWG L2.1.
19. REMOVE EXISTING FENCE.
20. SALVAGE EXISTING HARDSCAPE FEATURE/FURNISHING.
21. REMOVE EXISTING BRICK PAVER.
22. SALVAGE DRIFTWOOD.
23. REMOVE PILE & CHAINLINK FENCE.

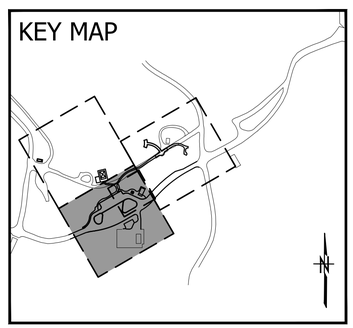
GENERAL TESC NOTES:

1. LOCATION OF TESC MEASURES SHOWN ARE APPROXIMATE AND SHALL BE FIELD LOCATED TO ACCOMMODATE SITE CONDITIONS AND WORK SCHEDULE.
2. RELOCATE TESC MEASURES, OR INSTALL NEW MEASURES, SO THAT AS THE SITE CONDITIONS CHANGE THE TESC IS ALWAYS IN COMPLIANCE WITH WSDOT TESC MINIMUM REQUIREMENTS.
3. MAINTAIN TESC MEASURES IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS, THE WSDOT STANDARDS, AND THE MANUFACTURER'S RECOMMENDATIONS.
4. CONTRACTOR SHALL NOT REMOVE ANY TREES WITHIN THE PROJECT LIMITS NOT IDENTIFIED FOR REMOVAL WITHOUT PRIOR APPROVAL FROM WSPRC.

LEGEND:

- TREE REMOVAL
- APPROX. CLEARING LIMITS
- WATTLE (WSDOT STD PLAN I-30.30)
- HIGH VISIBILITY SLIT FENCE (WSDOT STD PLAN I-30.17)
- HVF — HIGH VISIBILITY FENCE (WSDOT STD PLAN I-10.10)
- ASPHALT PAVING REMOVAL
- GRAVEL PAVING REMOVAL
- BUILDING/CONCRETE REMOVAL

KEY MAP



SHEET 8 OF 114

CAD NO. K:\PROJECT\33400\33427\CADD\ACAD\Dwg\C-TESC & DEMO.dwg

NO.	REVISIONS	INT.	APP.	DATE

ACTION	BY	DATE
DESIGNED		
DRAWN		
CHECKED (FIELD)		
CHECKED (HDQTS.)		

KEVIN C. KRAXBERGER — STATE OF WASHINGTON — 39870 — REGISTERED PROFESSIONAL ENGINEER — 13/24

PROJECT ENGINEER

WASHINGTON STATE PARKS AND RECREATION COMMISSION

CAPE DISAPPOINTMENT STATE PARK

WELCOME CENTER AND ENTRANCE IMPROVEMENTS

TESC & DEMOLITION PLAN

C0.1

SCALE 20' 0 40'

PARKS FILE#

Plotted: Feb 02, 2024 – 8:55am eva.ho K:\PROJECT\33400\33427\CADD\ACAD\Dwg\C-TESC & DEMO.dwg Layout Name: C0.1

MATCHLINE SEE DWG C0.3

MATCHLINE SEE DWG C0.1

FORT CANBY PARK RD

WILLOW THROUGH THIS AREA

WATER WASH

ABANDON SANITARY SEWER MANHOLE

SS MANHOLE RIM EL.=21.1' 8"SDR35 INC(NE) INV. EL.=16.1' 8"SDR35 OUT(SW) INV. EL.=15.9"

SS MANHOLE RIM EL.=21.4' 8"SDR35 INC(NE) INV. EL.=17.2' 8"SDR35 OUT(SW) INV. EL.=17.05'

12" WOOD POST

TELEPHONE SPLICE

CATCH BASIN

FENCE LINK CHAIN

FORT CANBY STATE PARK SIGN

GRAVEL AREA

ABOVE GROUND ELEC

BLUE & WHITE FLAG R3-7

18" CMP CONC. 56'

CONC. PLANTER

GRASS

"STOP" "DO NOT ENTER"

HVF

HWF

SS

W

P

T

(TYP.)

DEMOLITION NOTES:

1. REMOVE EXISTING ASPHALT PAVING.
2. REMOVE EXISTING TRAFFIC CURB.
3. REMOVE EXISTING GRAVEL SURFACING.
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9. REMOVE (3) EXISTING CMU COLUMNS.
10. REMOVE EXISTING CONCRETE PLANTER.
11. SALVAGE EXISTING PAY STATION.
12. SALVAGE EXISTING FLAG POLE.
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16. PROTECT EXISTING UTILITY LINES/STRUCTURES.
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21. REMOVE EXISTING BRICK PAVER.
22. SALVAGE DRIFTWOOD.
23. REMOVE PILE & CHAINLINK FENCE.

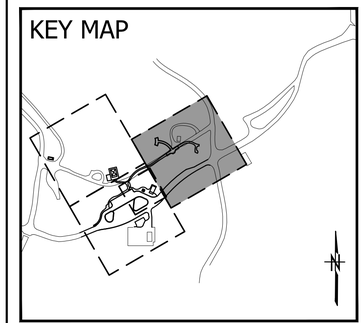
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- BUILDING/CONCRETE REMOVAL

KEY MAP



SHEET 9 OF 114

CAD NO. K:\PROJECT\33400\33427\CADD\ACAD\Dwg\C-TESC & DEMO.dwg

NO.	REVISIONS	INT.	APP.	DATE

ACTION	BY	DATE
DESIGNED		
DRAWN		
CHECKED (FIELD)		
CHECKED (HDQTS.)		

KEVIN C. KRAYBERG — STATE OF WASHINGTON — 39870 — REGISTERED PROFESSIONAL ENGINEER

PROJECT ENGINEER

WASHINGTON STATE PARKS AND RECREATION COMMISSION

CAPE DISAPPOINTMENT STATE PARK

WELCOME CENTER AND ENTRANCE IMPROVEMENTS

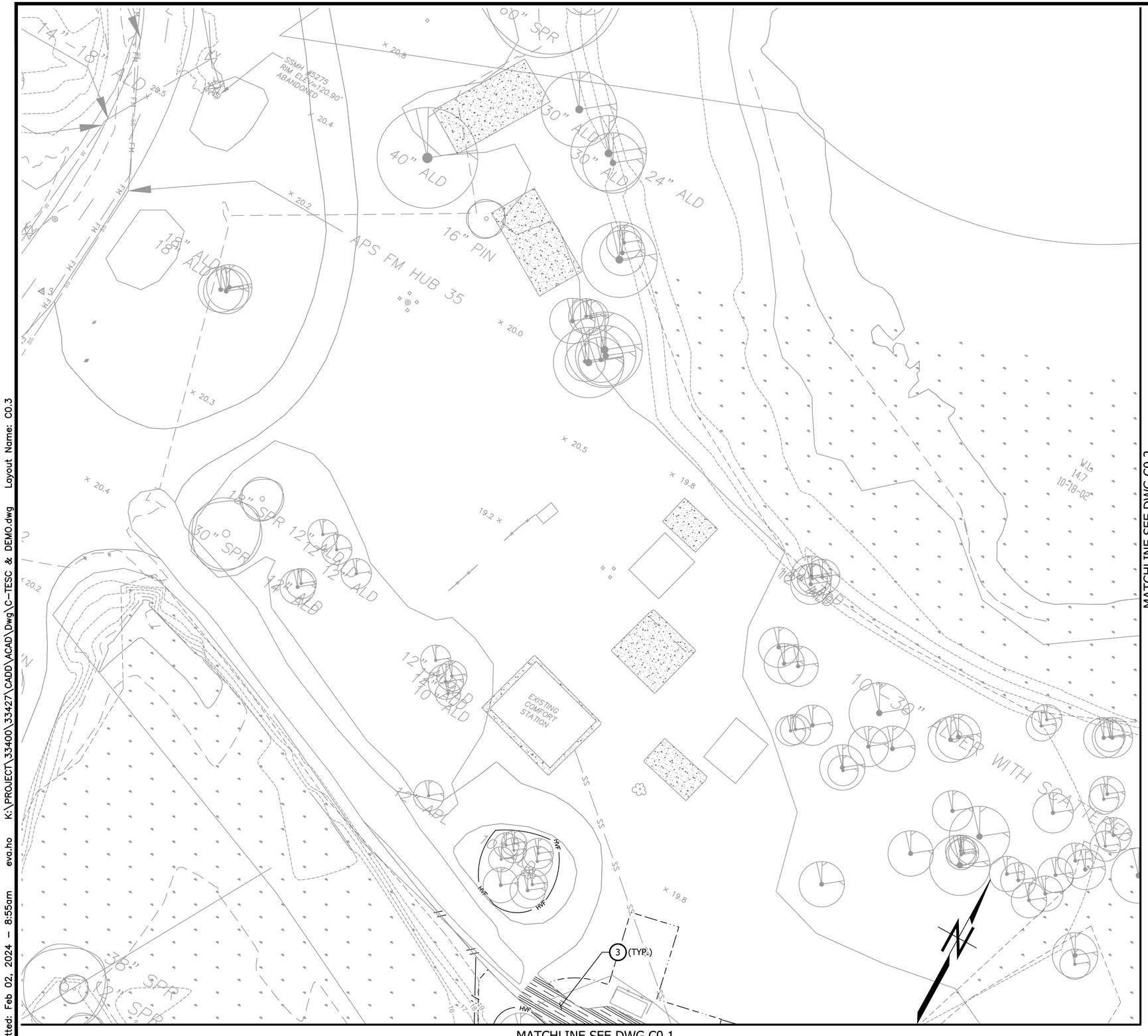
TESC & DEMOLITION PLAN

C0.2

SCALE 0 20' 40'

PARKS FILE#

Plotted: Feb 02, 2024 – 8:55am eva.ho K:\PROJECT\33400\33427\CADD\ACAD\Dwg\C-TESC & DEMO.dwg Layout Name: C0.2



DEMOLITION NOTES:

1. REMOVE EXISTING ASPHALT PAVING.
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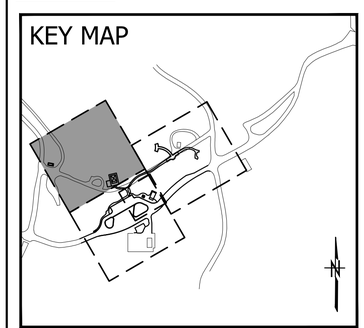
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- HIGH VISIBILITY SLIT FENCE (WSDOT STD PLAN I-30.17)
- HVF — HIGH VISIBILITY FENCE (WSDOT STD PLAN I-10.10)
- ASPHALT PAVING REMOVAL
- GRAVEL PAVING REMOVAL
- BUILDING/CONCRETE REMOVAL

KEY MAP



SHEET 10 OF 114

CAD NO. K:\PROJECT\33400\33427\CADD\ACAD\Dwg\C-TESC & DEMO.dwg

NO.	REVISIONS	INT.	APP.	DATE

ACTION	BY	DATE
DESIGNED		
DRAWN		
CHECKED (FIELD)		
CHECKED (HDQTS.)		

KEVIN C. KRAYBEAL — STATE OF WASHINGTON — 39870 — REGISTERED PROFESSIONAL ENGINEER

PROJECT ENGINEER

WASHINGTON STATE PARKS AND RECREATION COMMISSION

CAPE DISAPPOINTMENT STATE PARK

WELCOME CENTER AND ENTRANCE IMPROVEMENTS

TESC & DEMOLITION PLAN

C0.3

SCALE 20' 0 40'

PARKS FILE#

Plotted: Feb 02, 2024 – 8:55am eva.ho K:\PROJECT\33400\33427\CADD\ACAD\Dwg\C-TESC & DEMO.dwg Layout Name: C0.3

MATCHLINE SEE DWG C1.3

MATCHLINE SEE DWG C1.2

FORT CANBY PARK RD

(10) AUTO PARKING STALLS

(2) ACCESSIBLE PARKING STALLS

(7) RV PARKING STALLS

PLAZA

WELCOME CENTER

VOLUNTEER CAMP SITES

SHOP

EXISTING ADMIN BUILDING

(10) (TYP.)

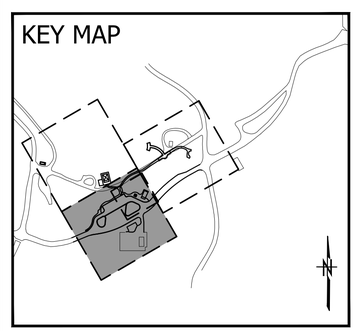
NOTES:

1. STANDARD 4" THICK CONCRETE PAVING PER DETAIL ON SHEET C1.5.
2. SPECIALTY 4" THICK CONCRETE WITH DECORATIVE FINISH PER DETAIL ON SHEET C1.5.
3. ASPHALT PAVEMENT (FULL DEPTH) PER DETAIL ON SHEET C2.6.
4. ASPHALT PAVEMENT (OVERLAY) PER DETAIL ON SHEET C2.6.
5. COVERED PARKING AND STORAGE.
6. WETLAND (SEE SHEET L1.1 & L1.2 FOR PRESERVATION AND RESTORATION LIMITS).
7. INFORMATION KIOSK PER DETAIL ON SHEET C1.7-C1.10.
8. PARK MONUMENT SIGN BY OTHERS.
9. FLAG POLE PER DETAIL ON SHEET C1.11.
10. BENCH PER DETAIL ON SHEET C1.11.
11. TRASH COMPACTOR RELOCATION PER DETAIL ON SHEET C1.5.
12. BICYCLE RACK PER DETAIL ON SHEET C1.11.
13. INTERPRETIVE SIGN (PROVIDED BY OWNER)
14. PAYSTATION STUB OUT (PAY STATION PROVIDED BY OWNER).
15. BOARDWALK PER DETAIL ON SHEET C2.7.

LEGEND:

- STANDARD CONCRETE
- SPECIALTY CONCRETE
- HMA PAVEMENT (FULL DEPTH)
- HMA PAVEMENT (OVERLAY)
- EXISTING STRUCTURE
- WETLAND BOUNDARY
- BENCH

KEY MAP



SHEET 11 OF 114

CAD NO. K:\PROJECT\33400\33427\CADD\ACAD\Dwg\C-SITE.dwg

NO.	REVISIONS	INT.	APP.	DATE

ACTION	BY	DATE
DESIGNED		
DRAWN		
CHECKED (FIELD)		
CHECKED (HDQTS.)		

STATE OF WASHINGTON
BENJAMIN JAY SCHNEIDER
LANDSCAPE ARCHITECT
EXP. 07/11/2025

PROJECT ENGINEER

WASHINGTON STATE PARKS AND RECREATION COMMISSION

CAPE DISAPPOINTMENT STATE PARK

WELCOME CENTER AND ENTRANCE IMPROVEMENTS

SITE PLAN

C1.1

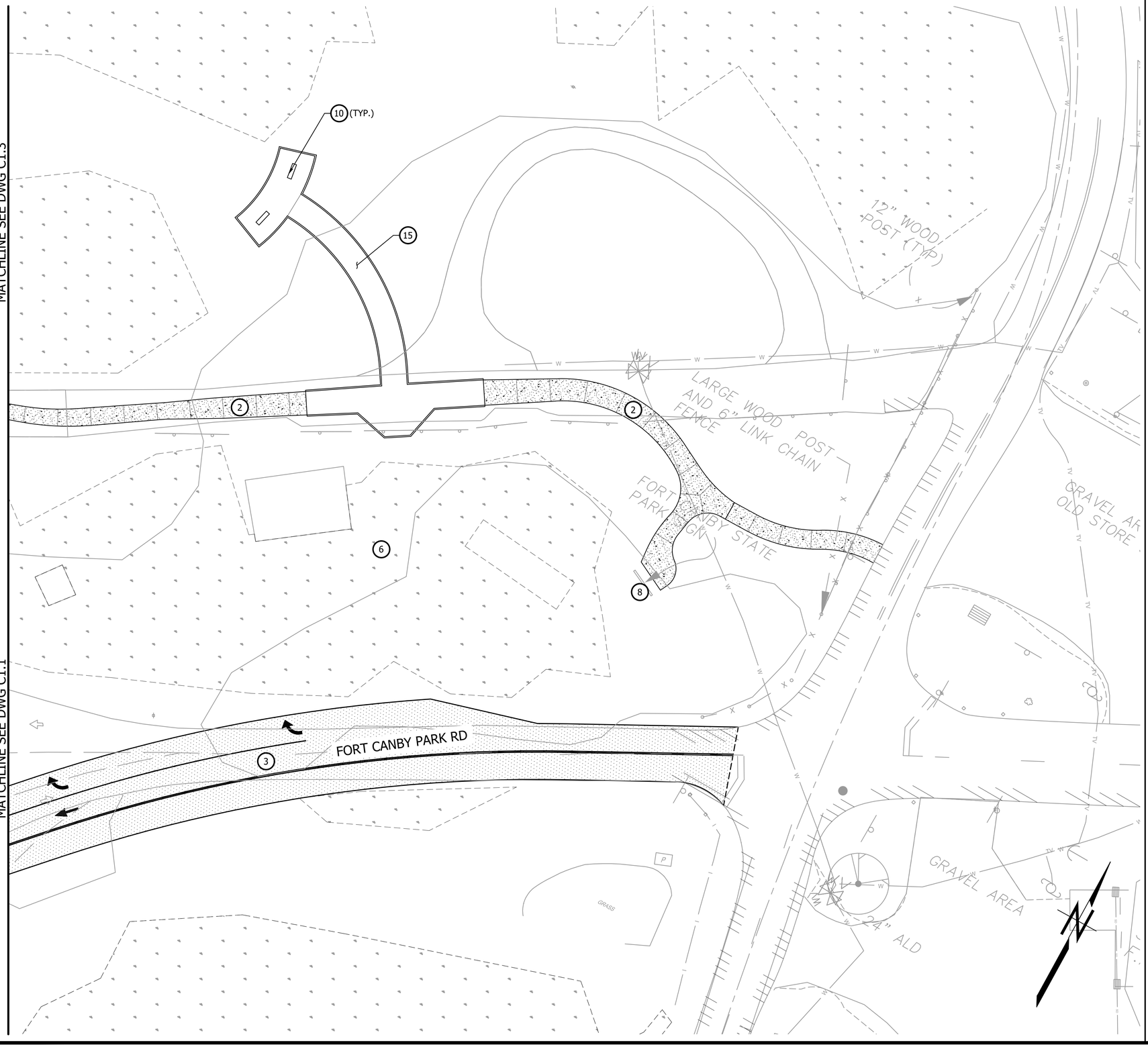
SCALE 20' 0 40

PARKS FILE#

Plotted: Feb 02, 2024 – 8:56am evo.ho K:\PROJECT\33400\33427\CADD\ACAD\Dwg\C-SITE.dwg Layout Name: C1.1

MATCHLINE SEE DWG C1.3

MATCHLINE SEE DWG C1.1



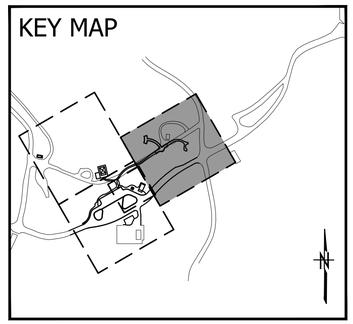
NOTES:

1. STANDARD 4" THICK CONCRETE PAVING PER DETAIL ON SHEET C1.5.
2. SPECIALTY 4" THICK CONCRETE WITH DECORATIVE FINISH PER DETAIL ON SHEET C1.5.
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4. ASPHALT PAVEMENT (OVERLAY) PER DETAIL ON SHEET C2.6.
5. COVERED PARKING AND STORAGE.
6. WETLAND (SEE SHEET L1.1 & L1.2 FOR PRESERVATION AND RESTORATION LIMITS).
7. INFORMATION KIOSK PER DETAIL ON SHEET C1.7-C1.10.
8. PARK MONUMENT SIGN BY OTHERS.
9. FLAG POLE PER DETAIL ON SHEET C1.11.
10. BENCH PER DETAIL ON SHEET C1.11.
11. TRASH COMPACTOR RELOCATION PER DETAIL ON SHEET C1.5.
12. BICYCLE RACK PER DETAIL ON SHEET C1.11.
13. INTERPRETIVE SIGN (PROVIDED BY OWNER)
14. PAYSTATION STUB OUT (PAY STATION PROVIDED BY OWNER).
15. BOARDWALK PER DETAIL ON SHEET C2.7.

LEGEND:

- STANDARD CONCRETE
- SPECIALTY CONCRETE
- HMA PAVEMENT (FULL DEPTH)
- HMA PAVEMENT (OVERLAY)
- EXISTING STRUCTURE
- WETLAND BOUNDARY
- BENCH

KEY MAP



SHEET 12 OF 114

CAD NO. K:\PROJECT\33400\33427\CADD\ACAD\Dwg\C-SITE.dwg

NO.	REVISIONS	INT.	APP.	DATE

ACTION	BY	DATE
DESIGNED		
DRAWN		
CHECKED (FIELD)		
CHECKED (HDQTS.)		

STATE OF WASHINGTON
BENJAMIN JAY SCHNEIDER
LICENSED LANDSCAPE ARCHITECT
EXP. 07/10/2025

PROJECT ENGINEER

WASHINGTON STATE PARKS AND RECREATION COMMISSION

CAPE DISAPPOINTMENT STATE PARK

WELCOME CENTER AND ENTRANCE IMPROVEMENTS

SITE PLAN

C1.2

SCALE 20' 0 40

PARKS FILE#

Plotted: Feb 02, 2024 – 8:56am eva.ho K:\PROJECT\33400\33427\CADD\ACAD\Dwg\C-SITE.dwg Layout Name: C1.2



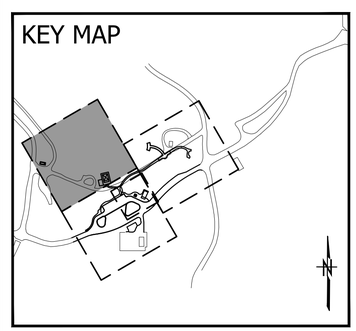
NOTES:

1. STANDARD 4" THICK CONCRETE PAVING PER DETAIL ON SHEET C1.5.
2. SPECIALTY 4" THICK CONCRETE WITH DECORATIVE FINISH PER DETAIL ON SHEET C1.5.
3. ASPHALT PAVEMENT (FULL DEPTH) PER DETAIL ON SHEET C2.6.
4. ASPHALT PAVEMENT (OVERLAY) PER DETAIL ON SHEET C2.6.
5. COVERED PARKING AND STORAGE.
6. WETLAND (SEE SHEET L1.1 & L1.2 FOR PRESERVATION AND RESTORATION LIMITS).
7. INFORMATION KIOSK PER DETAIL ON SHEET C1.7-C1.10.
8. PARK MONUMENT SIGN BY OTHERS.
9. FLAG POLE PER DETAIL ON SHEET C1.11.
10. BENCH PER DETAIL ON SHEET C1.11.
11. TRASH COMPACTOR RELOCATION PER DETAIL ON SHEET C1.5.
12. BICYCLE RACK PER DETAIL ON SHEET C1.11.
13. INTERPRETIVE SIGN (PROVIDED BY OWNER)
14. PAYSTATION STUB OUT (PAY STATION PROVIDED BY OWNER).
15. BOARDWALK PER DETAIL ON SHEET C2.7.

LEGEND:

- STANDARD CONCRETE
- SPECIALTY CONCRETE
- HMA PAVEMENT (FULL DEPTH)
- HMA PAVEMENT (OVERLAY)
- EXISTING STRUCTURE
- WETLAND BOUNDARY
- BENCH

KEY MAP



SHEET 13 OF 114

CAD NO. K:\PROJECT\33400\33427\CADD\ACAD\Dwg\C-SITE.dwg

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STATE OF WASHINGTON
BENJAMIN JAY SCHNEIDER
LANDSCAPE ARCHITECT
LICENSED
EXP. 07/10/2022

PROJECT ENGINEER

WASHINGTON STATE PARKS AND RECREATION COMMISSION

CAPE DISAPPOINTMENT STATE PARK

WELCOME CENTER AND ENTRANCE IMPROVEMENTS

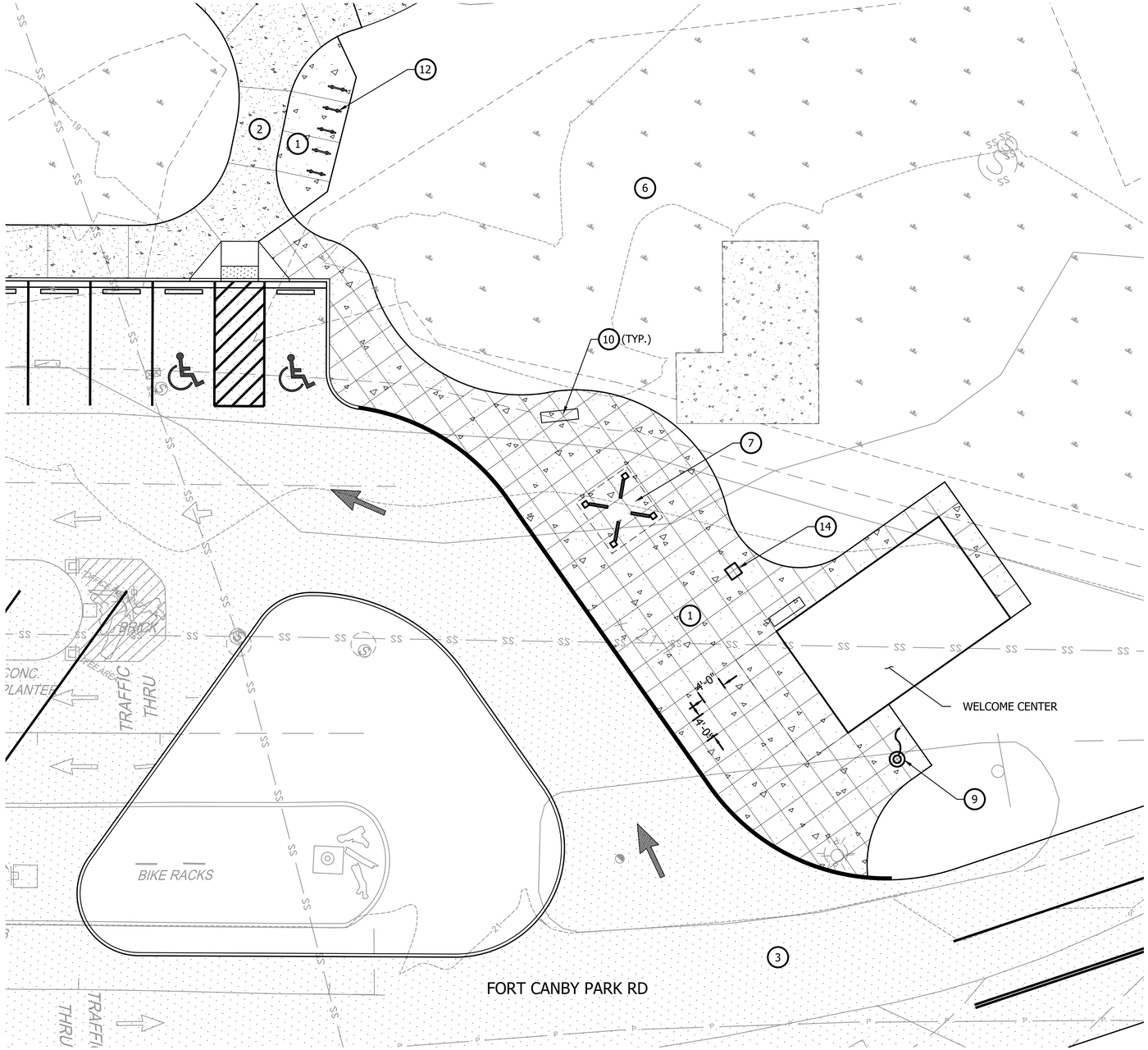
SITE PLAN

C1.3

SCALE
20'
0 40

PARKS FILE#

Plotted: Feb 02, 2024 – 8:56am eva.ho K:\PROJECT\33400\33427\CADD\ACAD\Dwg\C-SITE.dwg Layout Name: C1.3



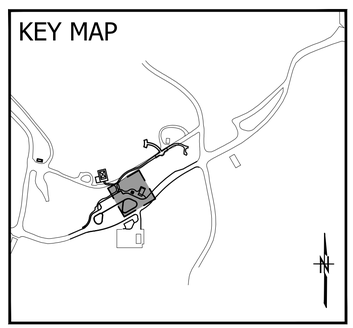
NOTES:

1. STANDARD 4" THICK CONCRETE PAVING PER DETAIL ON SHEET C1.5.
2. SPECIALTY 4" THICK CONCRETE WITH DECORATIVE FINISH PER DETAIL ON SHEET C1.5.
3. ASPHALT PAVEMENT (FULL DEPTH) PER DETAIL ON SHEET C2.6.
4. ASPHALT PAVEMENT (OVERLAY) PER DETAIL ON SHEET C2.6.
5. COVERED PARKING AND STORAGE.
6. WETLAND (SEE SHEET L1.1 & L1.2 FOR PRESERVATION AND RESTORATION LIMITS).
7. INFORMATION KIOSK PER DETAIL ON SHEET C1.7-C1.10.
8. PARK MONUMENT SIGN BY OTHERS.
9. FLAG POLE PER DETAIL ON SHEET C1.11.
10. BENCH PER DETAIL ON SHEET C1.11.
11. TRASH COMPACTOR RELOCATION PER DETAIL ON SHEET C1.5.
12. BICYCLE RACK PER DETAIL ON SHEET C1.11.
13. INTERPRETIVE SIGN (PROVIDED BY OWNER)
14. PAYSTATION STUB OUT (PAY STATION PROVIDED BY OWNER).
15. BOARDWALK PER DETAIL ON SHEET C2.7.

LEGEND:

- STANDARD CONCRETE
- SPECIALTY CONCRETE
- HMA PAVEMENT (FULL DEPTH)
- HMA PAVEMENT (OVERLAY)
- EXISTING STRUCTURE
- WETLAND BOUNDARY
- BENCH

KEY MAP



SHEET 14 OF 114

CAD NO. K:\PROJECT\33400\33427\CADD\ACAD\Dwg\C-SITE ENLARGEMENTS.dwg

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LICENSED LANDSCAPE ARCHITECT

PROJECT ENGINEER

WASHINGTON STATE PARKS AND RECREATION COMMISSION

CAPE DISAPPOINTMENT STATE PARK

WELCOME CENTER AND ENTRANCE IMPROVEMENTS

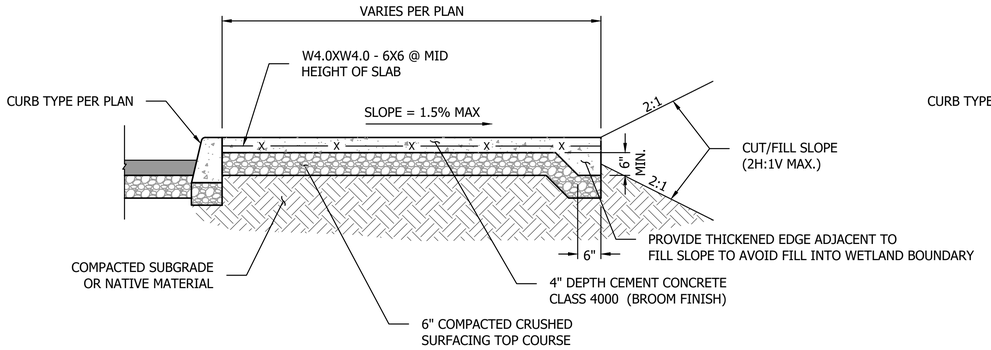
SITE ENLARGEMENTS

C1.4

SCALE
10'
0 20'

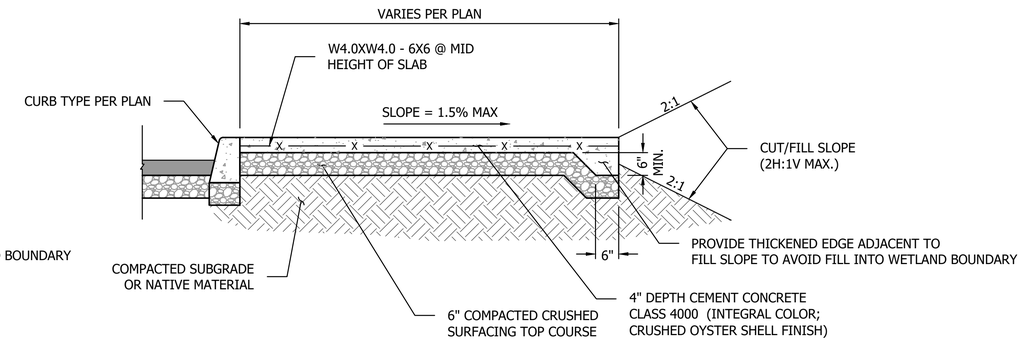
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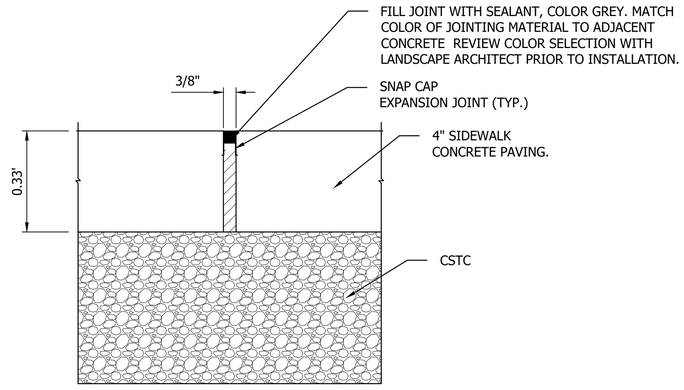
STANDARD CONCRETE PAVING

NOT TO SCALE



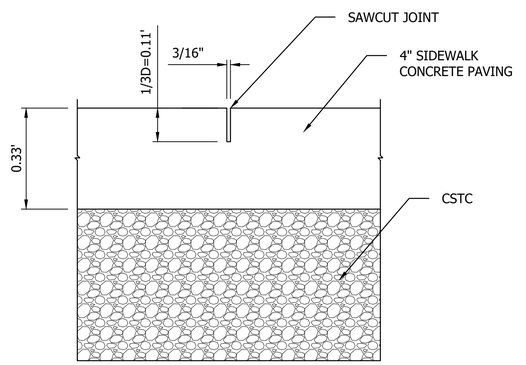
SPECIALTY CONCRETE PAVING

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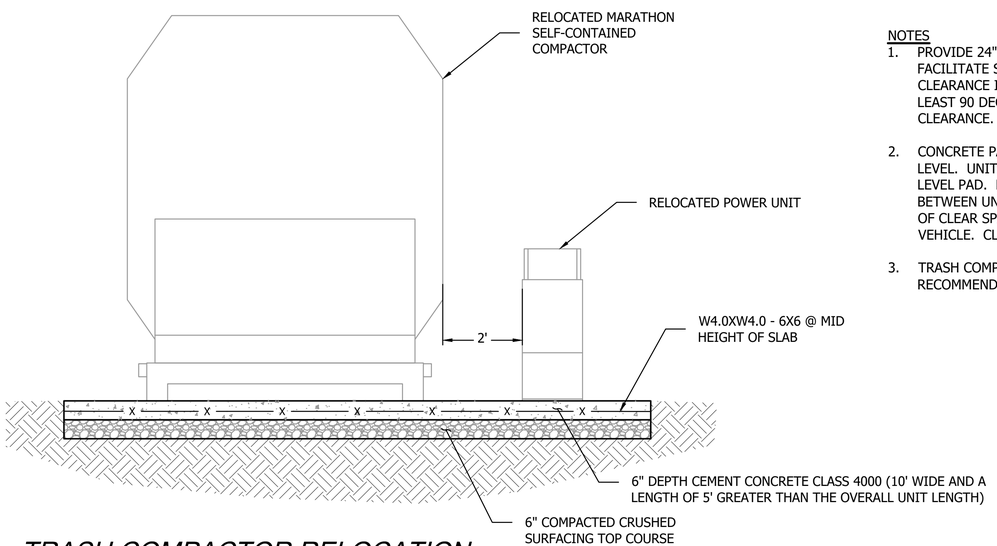
CONCRETE PAVING EXPANSION JOINT

NOT TO SCALE



CONCRETE PAVING SCORE JOINT

NOT TO SCALE



TRASH COMPACTOR RELOCATION

NOT TO SCALE

NOTES

1. PROVIDE 24" CLEARANCE ON SIDES AND REAR OF POWER UNIT TO FACILITATE SERVICING POWER UNIT. THE NEC REQUIRES: A 42" CLEARANCE IN FRONT OF PANEL BOX. PANEL BOX DOOR MUST OPEN AT LEAST 90 DEGREES. POWER UNIT MUST HAVE A 6'-6" OVERHEAD CLEARANCE.
2. CONCRETE PAD SHOULD BE FLUSH WITH THE SURROUNDING GROUND LEVEL. UNITS WITH 4 GROUND ROLLERS MUST BE INSTALLED ON A LEVEL PAD. PAD SHOULD BE POSITIONED TO ALLOW 2'-4" MINIMUM BETWEEN UNIT AND NEAREST OBSTACLE. ALLOW A MINIMUM OF 45' OF CLEAR SPACE FROM THE END OF PAD FOR CONTAINER HANDLING VEHICLE. CLEARANCES GIVEN ARE MINIMUMS.
3. TRASH COMPACTOR INSTALLATION PER MARATHON EQUIPMENT'S RECOMMENDATIONS.

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CAD NO. K:\PROJECT\33400\33427\CADD\ACAD\Dwg\C-SITE DETAILS.dwg

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STATE OF WASHINGTON
BENJAMIN JAY SCHNEIDER
LICENSED LANDSCAPE ARCHITECT
EXP. 07/11/2022

PROJECT ENGINEER

WASHINGTON STATE PARKS AND RECREATION COMMISSION

CAPE DISAPPOINTMENT STATE PARK

WELCOME CENTER AND ENTRANCE IMPROVEMENTS

SITE DETAILS

C1.5

SCALE

PARKS FILE#

STRUCTURAL NOTES

GENERAL NOTES:
These structural notes supplement the drawings. Any discrepancy found among the drawings, these notes, and the site conditions shall be reported to the Engineer, who shall correct such discrepancy in writing. Any work done by the Contractor after discovery of such discrepancy shall be done at the Contractor's risk. **The Contrator shall verify and coordinate the dimensions among all drawing prior to proceeding with any work or fabrication.** The Contractor is responsible for all bracing and shoring during construction.

All construction shall conform to the applicable portions of the latest edition of the International Building Code and ASCE 7-10 except where noted.

Design Criteria:

1. Live Load = 25 PSF (Snow)

2. Dead Load = 10 PSF (Roof)

3. Wind = 2012 IBC Exposure D @ 160 mph (LFRD), 3 second gust ASD Sum of Internal and external pressure = 48.3 psf

4. Earthquake = 2012 IBC,
   Ss = 1.374 Site Class D
   SL = .704
   Seismic Use Group I
   Seismic Design Category D
   SDS = 0.916
   SDL = 0.704
   Cantilevered Timber Columns = 1.5
   CS = Sps/(R/I)
   V = CS = 0.794W for Load Factor Design
   V = Rho CS = W/ (1.4)
   Rho = 1.3
   V = .556W for Allowable Stress Design

5. Soil = 1500 PSF, Assumed Bearing Capacity
= 300 PCF, Assumed Passive Earth Pressure

Soil is assumed to be free draining granular backfill with little or no fines or organics to impede water flow.

Concrete & Reinforcing Steel:

1. All concrete work shall be per the 2012 IBC Chapter 19 and ACI 318-11 Chapter 7. Concrete quality, mixing and placement shall be per ACI 318-11, Chapters 4, 5, 6, & 7 and inspections shall be per 2012 IBC, Chapter 19, section 03 and 04.
2. All reinforcing shall be ASTM A615 Grade 60 except as shown on the plans.
3. Concrete shall be in accordance with ASTM 150. fc = 3000 PSI @ 28 day, slump = 4" maximum 6% Air entrained

Steel:
1. All steel shall be ASTM A36 except as noted.
2. All bolts shall be ASTM A307, (F1554), Gr. 36, except as noted.
3. Anchor bolts shall be ASTM A307.
4. All steel members and parts exposed to weather or in contact with the ground shall be galvanized per ASTM A-123 with 1.25 oz of zinc spelter per square foot on contact area.

Carpentry:
1. Structural 2X and 4X framing shall be #2 Western Cedar.
2. Structural 6X framing shall be #1 Western Cedar.
3. Full sawn 6X columns shall be #1 Western Cedar.
4. T&G 2x6x 12'-0" long. Nail w/(2)-10d's at each rafter. (typ)

CAUTION:

CONTRACTOR TO FIELD VERIFY ALL CONDITIONS AND ELEVATIONS

$\frac{1}{2}$" dia. Anchor Bolts shall be Simpson strong bolts. Minimum embedment should be 2 $\frac{3}{4}$ " in concrete slab on grade, hole size should be $\frac{1}{2}$" dia.

All nails shall be 8d or 10d common (8d common nails must be 0.131 inch diameter, Senco KC27 Nails are equivalent. If 10d common nails are called for the diameter must be 0.148 inches.

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STATE OF WASHINGTON
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LANDSCAPE ARCHITECT
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EXP. 07/01/2025

PROJECT ENGINEER

WASHINGTON STATE PARKS AND RECREATION COMMISSION

CAPE DISAPPOINTMENT STATE PARK

WELCOME CENTER AND ENTRANCE IMPROVEMENTS

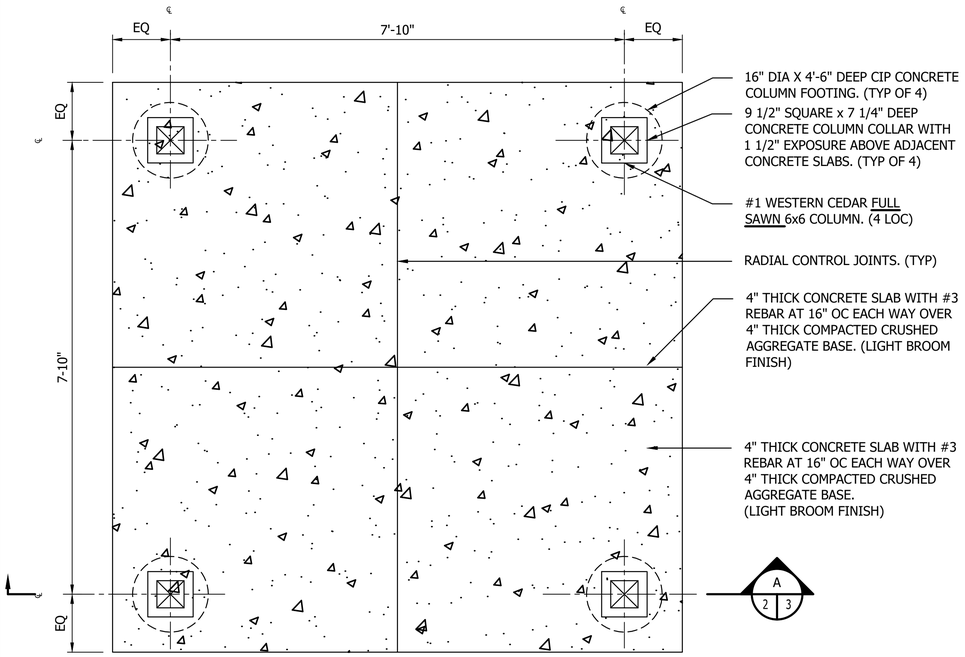
SITE AMENITIES STRUCTURAL NOTES

C1.6

SCALE

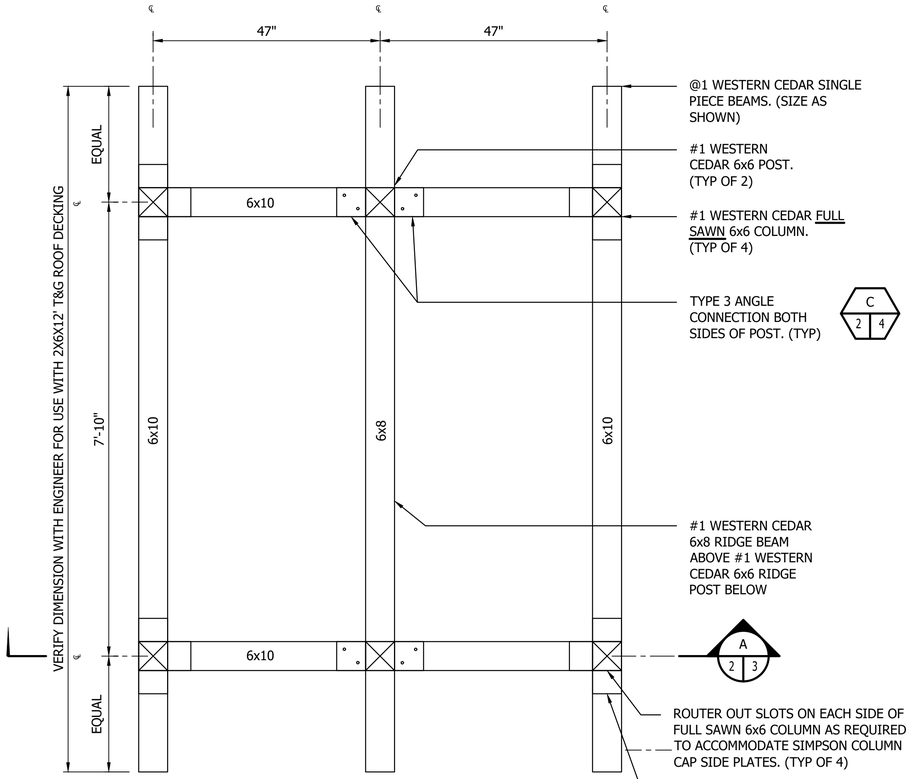
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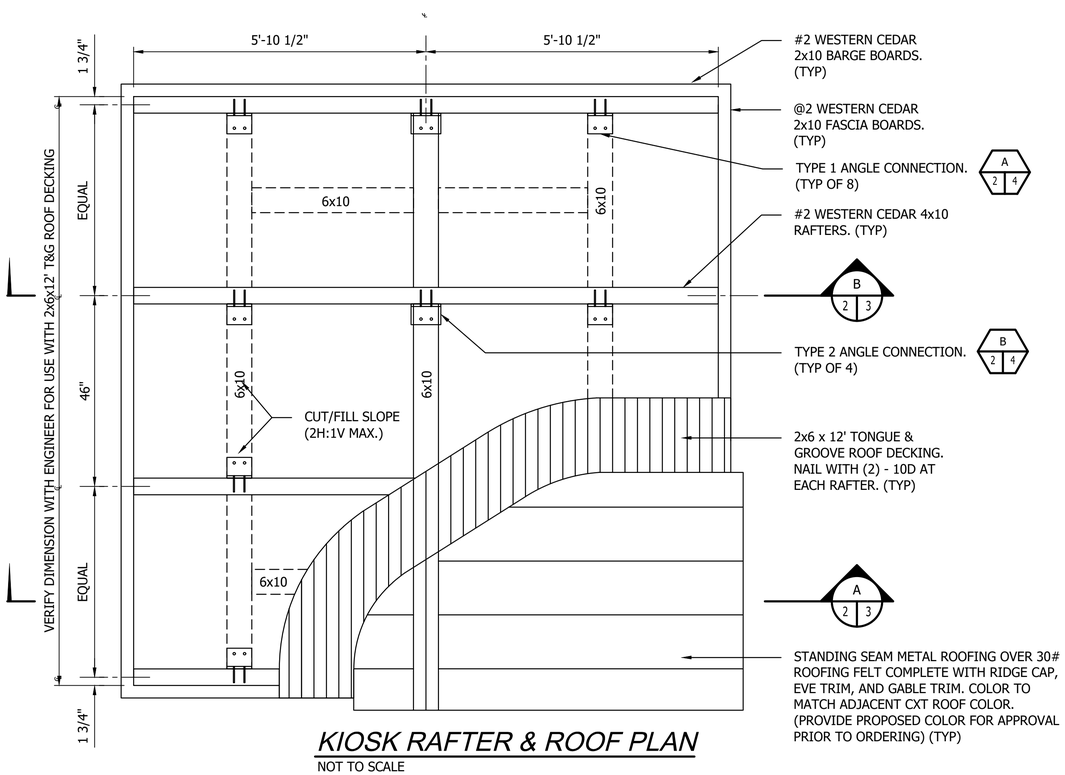
KIOSK COLUMN PLAN

NOT TO SCALE



KIOSK BEAM PLAN

NOT TO SCALE



KIOSK RAFTER & ROOF PLAN

NOT TO SCALE

NOTES:

1. THE INTERPRETIVE PANEL SUPPORT CONSTRUCTION IS NOT SHOWN OR REFERENCED ON THIS SHEET. SEE SHEET KS FOR THIS INFORMATION.
2. STAIN ALL EXPOSED WOOD CONSTRUCTION INCLUDING T&G DECKING WITH AN APPROVED COLOR IN WOOD STAIN - NOT PAINT.

CAD NO. K:\PROJECT\33400\33427\CADD\ACAD\Dwg\C-SITE DETAILS.dwg

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CAPE DISAPPOINTMENT STATE PARK

WELCOME CENTER AND ENTRANCE IMPROVEMENTS

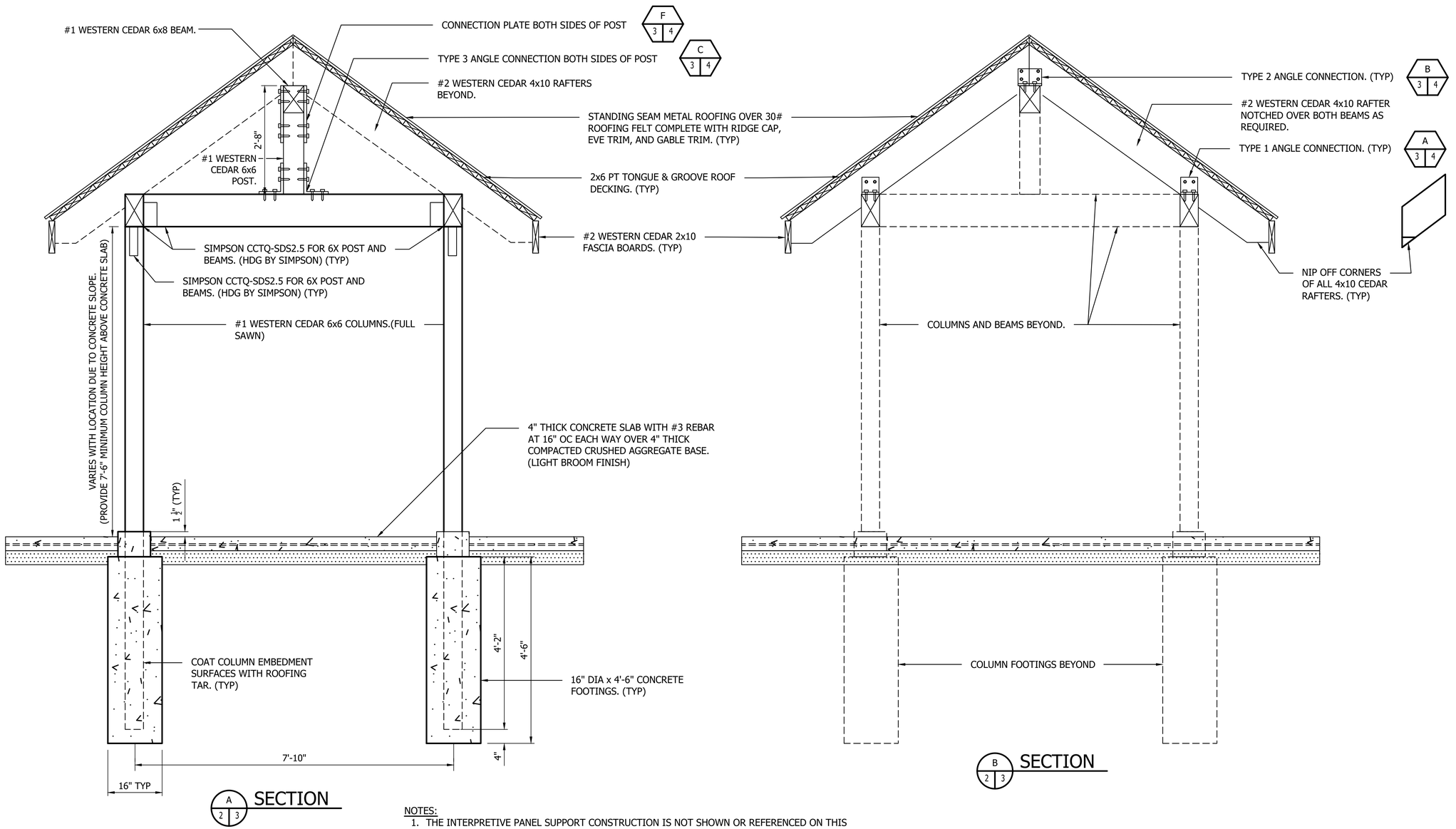
SITE DETAILS

C1.7

SCALE

PARKS FILE#

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NOTES:

1. THE INTERPRETIVE PANEL SUPPORT CONSTRUCTION IS NOT SHOWN OR REFERENCED ON THIS SHEET. SEE SHEET K5 FOR THIS INFORMATION.
2. STAIN ALL EXPOSED WOOD CONSTRUCTION INCLUDING T&G DECKING WITH AN APPROVED COLOR IN WOOD STAIN - NOT PAINT.

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STATE OF WASHINGTON
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WELCOME CENTER AND ENTRANCE IMPROVEMENTS

SITE DETAILS

C1.8

SCALE

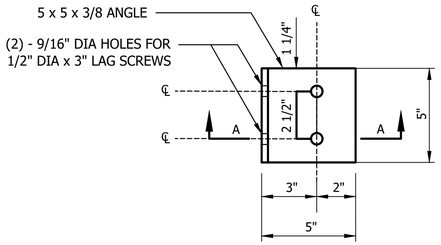
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SHEET 18 OF 114

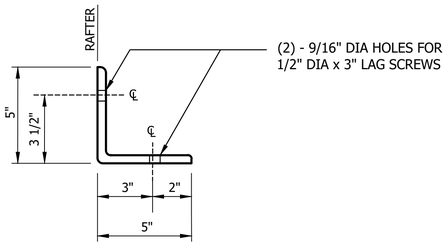
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GENERAL NOTES:

1. HOT DIP GALVANIZE ALL STEEL ANGLES AND FLAT BAR FABRICATIONS ONLY AFTER ALL HOLES HAVE BEEN DRILLED. (GALVANIZE PER THE STRUCTURAL NOTES)
2. ALL LAG BOLTS ARE TO HAVE ONE WASHER.
3. ALL HEX BOLTS ARE TO HAVE TWO WASHERS AND ONE NUT.
4. SEE THE STRUCTURAL NOTES.

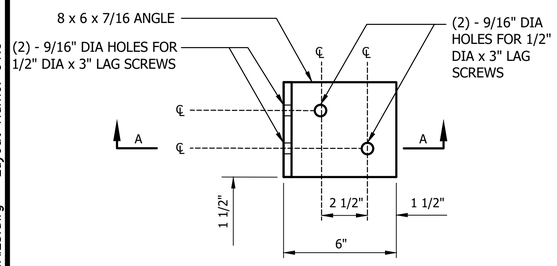


PLAN

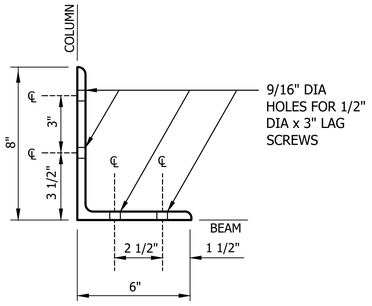


SECTION AA

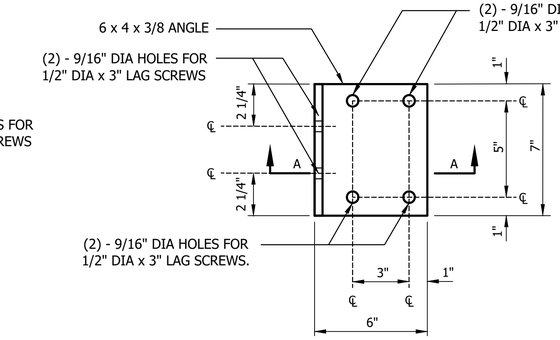
A 3 2 4 TYPE 1 ANGLE CONNECTION (8 REQUIRED)



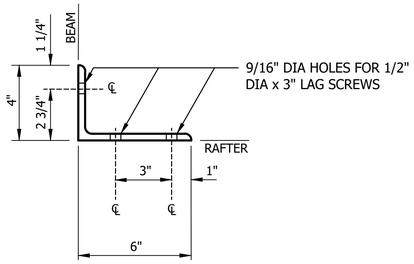
PLAN



SECTION AA

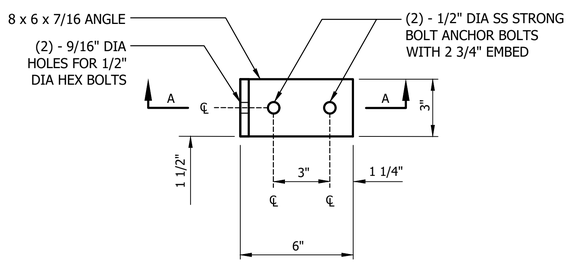


PLAN

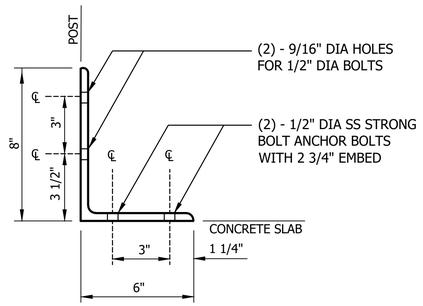


SECTION AA

B 3 2 4 TYPE 1 ANGLE CONNECTION (8 REQUIRED)

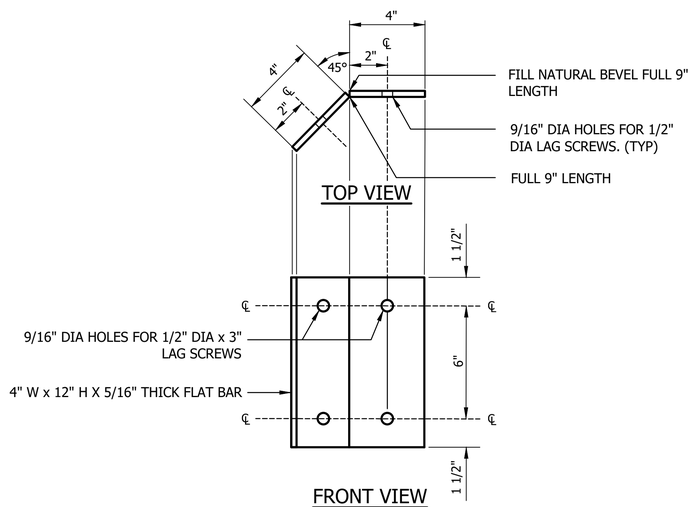


PLAN



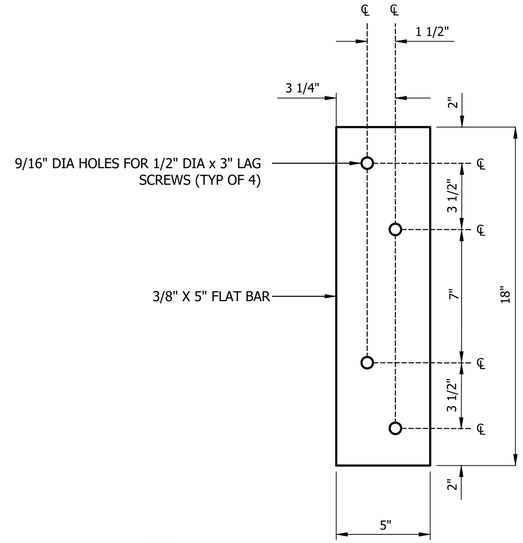
SECTION AA

C 3 2 4 TYPE 1 ANGLE CONNECTION (8 REQUIRED)



E 5 4 WELDED BRACKET (8 REQUIRED)

D 3 4 TYPE 1 ANGLE CONNECTION (8 REQUIRED)



F 3 4 CONNECTION PLATE (4 REQUIRED)

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PROJECT ENGINEER

WASHINGTON STATE PARKS AND RECREATION COMMISSION

CAPE DISAPPOINTMENT STATE PARK

WELCOME CENTER AND ENTRANCE IMPROVEMENTS

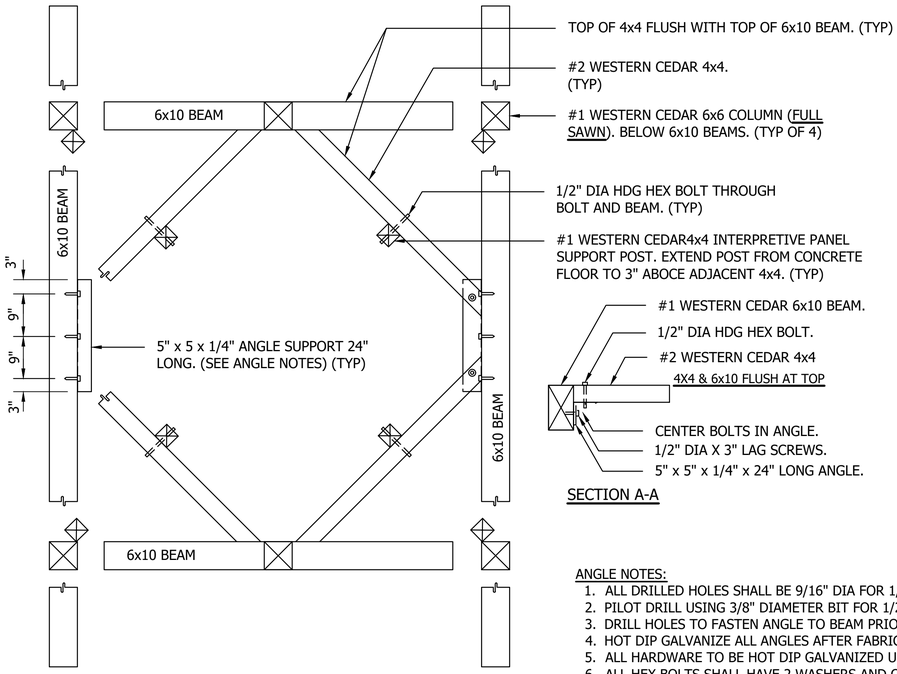
SITE DETAILS

C1.9

SCALE

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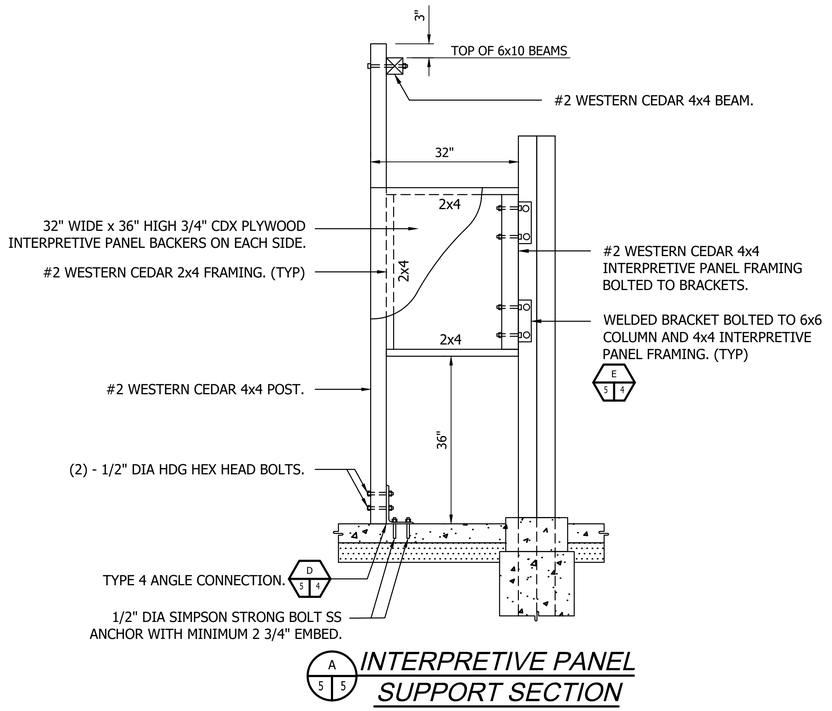
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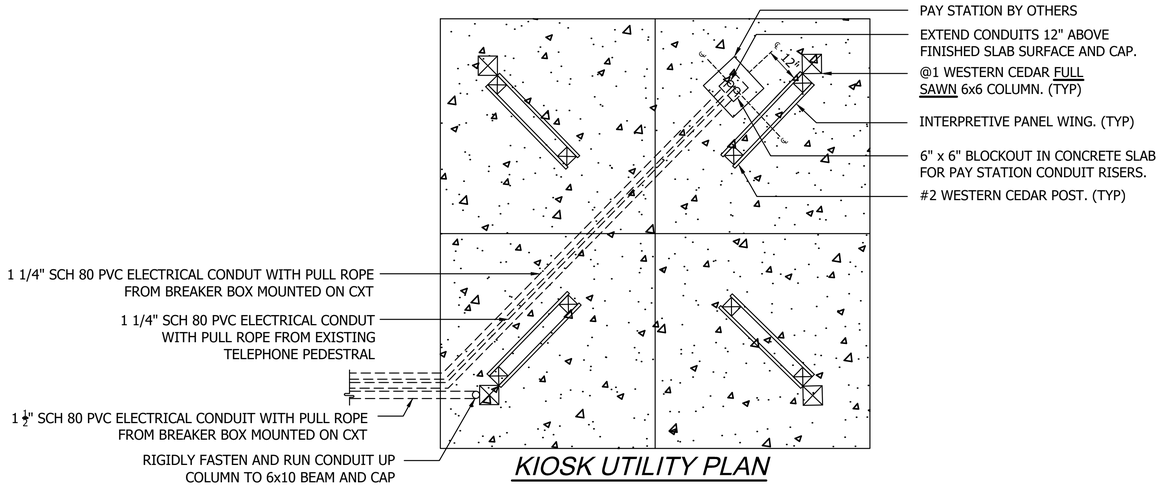
INTERPRETIVE PANEL SUPPORT PLAN

ANGLE NOTES:

1. ALL DRILLED HOLES SHALL BE 9/16" DIA FOR 1/2" DIA HEX BOLTS.
2. PILOT DRILL USING 3/8" DIAMETER BIT FOR 1/2" DIA LAG SCREWS.
3. DRILL HOLES TO FASTEN ANGLE TO BEAM PRIOR TO HOT DIP GALVANIZING
4. HOT DIP GALVANIZE ALL ANGLES AFTER FABRICATION UNLESS NOTED OTHERWISE
5. ALL HARDWARE TO BE HOT DIP GALVANIZED UNLESS NOTED OTHERWISE.
6. ALL HEX BOLTS SHALL HAVE 2 WASHERS AND ONE NUT.
7. FIELD DRILL HOLES FOR FASTENING 4x4'S TO ANGLE.
8. PLACE ANGLE AT MIDPOINT OF 6x10 BEAM WITH FLAT FACE UP.



A 5 5 INTERPRETIVE PANEL SUPPORT SECTION



KIOSK UTILITY PLAN

NOTES:

1. THE INTERPRETIVE PANEL SUPPORT CONSTRUCTION IS NOT SHOWN OR REFERENCED ON THIS SHEET. SEE SHEET KS FOR THIS INFORMATION.
2. STAIN ALL EXPOSED WOOD CONSTRUCTION INCLUDING T&G DECKING WITH AN APPROVED COLOR IN WOOD STAIN - NOT PAINT.

CAD NO. K:\PROJECT\33400\33427\CADD\ACAD\Dwg\C-SITE DETAILS.dwg

REVISIONS	NO.	INT.	APP.	DATE

ACTION	BY	DATE
DESIGNED		
DRAWN		
CHECKED (FIELD)		
CHECKED (HDQTS.)		

STATE OF WASHINGTON BENJAMIN JAY SCHNEIDER LANDSCAPE ARCHITECT EXP. 07/11/2025

PROJECT ENGINEER

WASHINGTON STATE PARKS AND RECREATION COMMISSION

CAPE DISAPPOINTMENT STATE PARK

WELCOME CENTER AND ENTRANCE IMPROVEMENTS

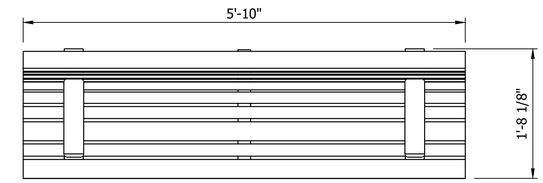
SITE DETAILS

C1.10

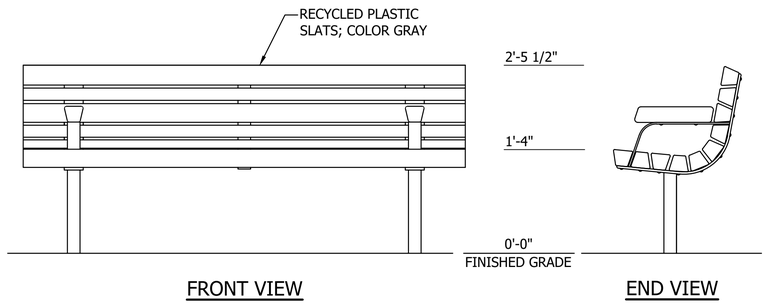
SCALE

PARKS FILE#

Plotted: Feb 02, 2024 - 8:57am eva.ho K:\PROJECT\33400\33427\CADD\ACAD\Dwg\C-SITE DETAILS.dwg Layout Name: C1.10



TOP VIEW

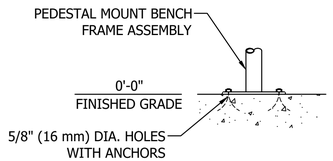


FRONT VIEW

END VIEW

BASIS OF DESIGN:
2155-6-P BENCH WITH ARMRESTS (RECYLCED PLASTIC SLATS)

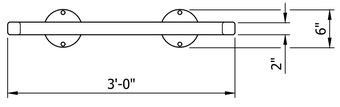
COLUMBIA CASCADE COMPANY
1300 SW SIXTH AVE. SUITE 310
PORTLAND, OREGON 97201-3464
USA
503-223-1157



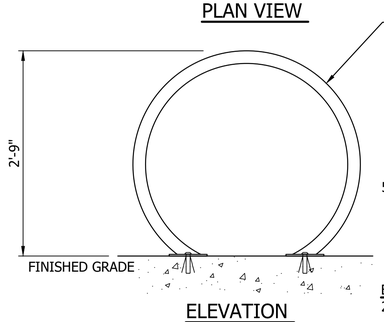
PEDESTAL MOUNT

BENCH DETAIL

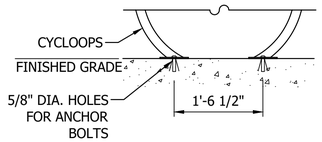
NOT TO SCALE



PLAN VIEW



ELEVATION



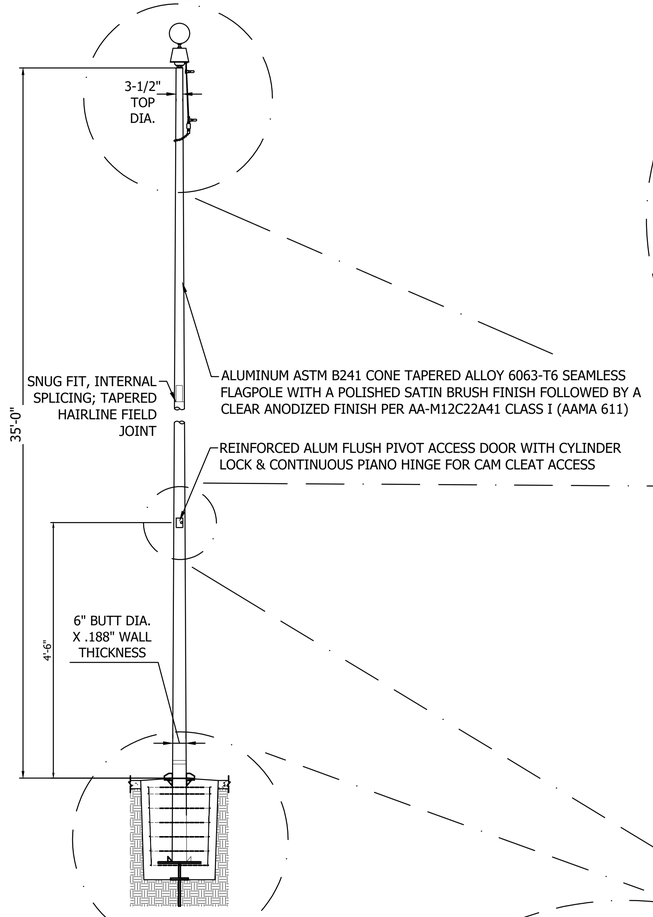
SURFACE MOUNT DETAIL

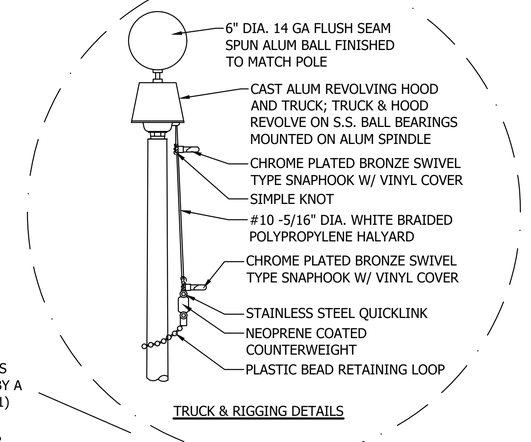
BASIS OF DESIGN:
2170-3-04-SM CYCLOOPS CIRCULO (SQUARE TUBING)

COLUMBIA CASCADE COMPANY
1300 SW SIXTH AVE. SUITE 310
PORTLAND, OREGON 97201-3464
USA
503-223-1157

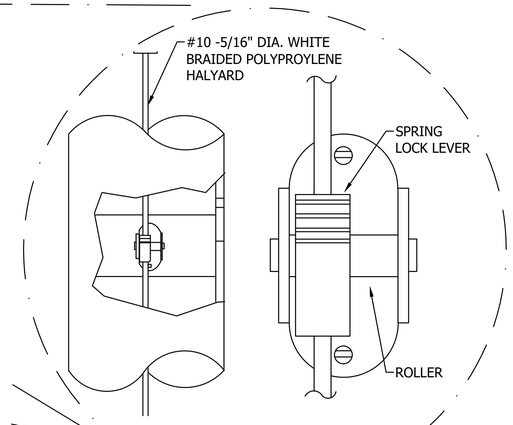
BICYCLE RACK DETAIL

NOT TO SCALE

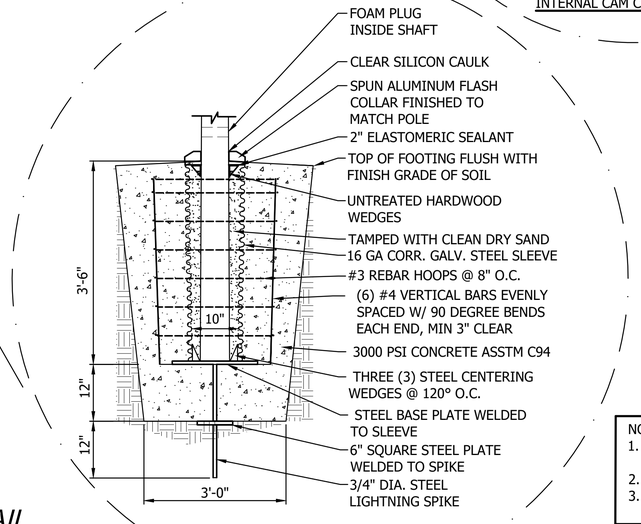




TRUCK & RIGGING DETAILS



INTERNAL CAM CLEAT SYSTEM



FLAGPOLE FOOTING

NOTES:
1. REINFORCING STEEL TO BE ASTM 615 GR 60
2. CONCRETE TO BE 3000 PSI
3. FLAG TO BE PROVIDED BY PARK

FLAG POLE DETAIL

NOT TO SCALE

CAD NO. K:\PROJECT\33400\33427\CADD\ACAD\Dwg\C-SITE DETAILS.dwg

NO.	REVISIONS	INT.	APP.	DATE

ACTION	BY	DATE
DESIGNED		
DRAWN		
CHECKED (FIELD)		
CHECKED (HDQTS.)		

STATE OF WASHINGTON
BENJAMIN JAY SCHNEIDER
LICENSED LANDSCAPE ARCHITECT
EXP. 07/11/2022

PROJECT ENGINEER

WASHINGTON STATE PARKS AND RECREATION COMMISSION

CAPE DISAPPOINTMENT STATE PARK

WELCOME CENTER AND ENTRANCE IMPROVEMENTS

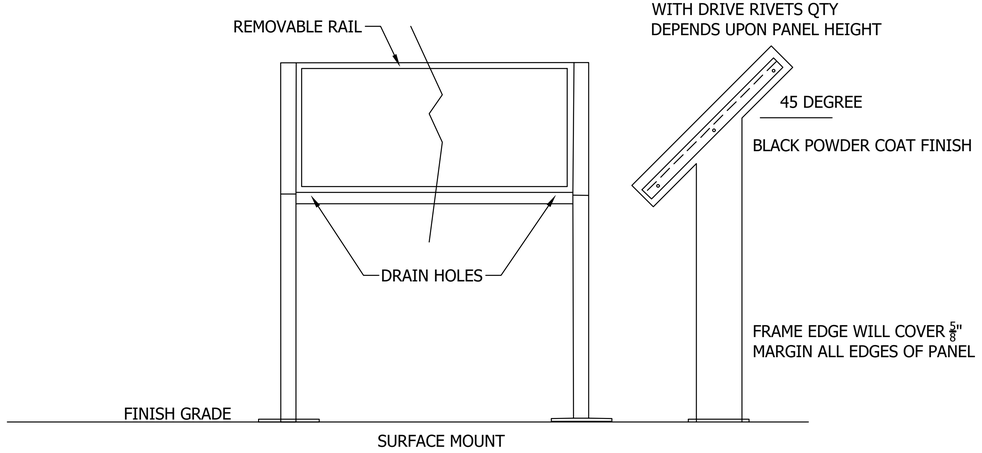
SITE DETAILS

C1.11

SCALE

PARKS FILE#

Plotted: Feb 02, 2024 – 8:57am eva.ho K:\PROJECT\33400\33427\CADD\ACAD\Dwg\C-SITE DETAILS.dwg Layout Name: C1.11



FRAMES ATTACH TO POSTS
WITH DRIVE RIVETS QTY
DEPENDS UPON PANEL HEIGHT

45 DEGREE

BLACK POWDER COAT FINISH

FRAME EDGE WILL COVER $\frac{5}{8}$"
MARGIN ALL EDGES OF PANEL

STANDARD FRAME CONSTRUCTION FOR
MAX $\frac{1}{8}$" THICK PANEL

CUSTOM FRAME CONSTRUCTION FOR
PANELS UP TO $\frac{1}{4}$" THICK

FRAMES SIZED TO FIT GRAPHIC PANEL

GRAPHIC PANEL PRODUCED BY OTHERS

INTERPRETIVE SIGN FRAME

NOT TO SCALE

Plotted: Feb 02, 2024 – 8:57am evo.ho K:\PROJECT\33400\33427\CADD\ACAD\Dwg\C-SITE DETAILS.dwg Layout Name: C1.12

CAD NO. K:\PROJECT\33400\33427\CADD\ACAD\Dwg\C-SITE DETAILS.dwg

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ACTION	BY	DATE
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CHECKED (HDQTS.)		

STATE OF WASHINGTON
BENJAMIN JAY SCHNEIDER
LANDSCAPE ARCHITECT
LICENSED
EXP. 07/10/2022

PROJECT ENGINEER

WASHINGTON STATE PARKS AND RECREATION COMMISSION

CAPE DISAPPOINTMENT STATE PARK

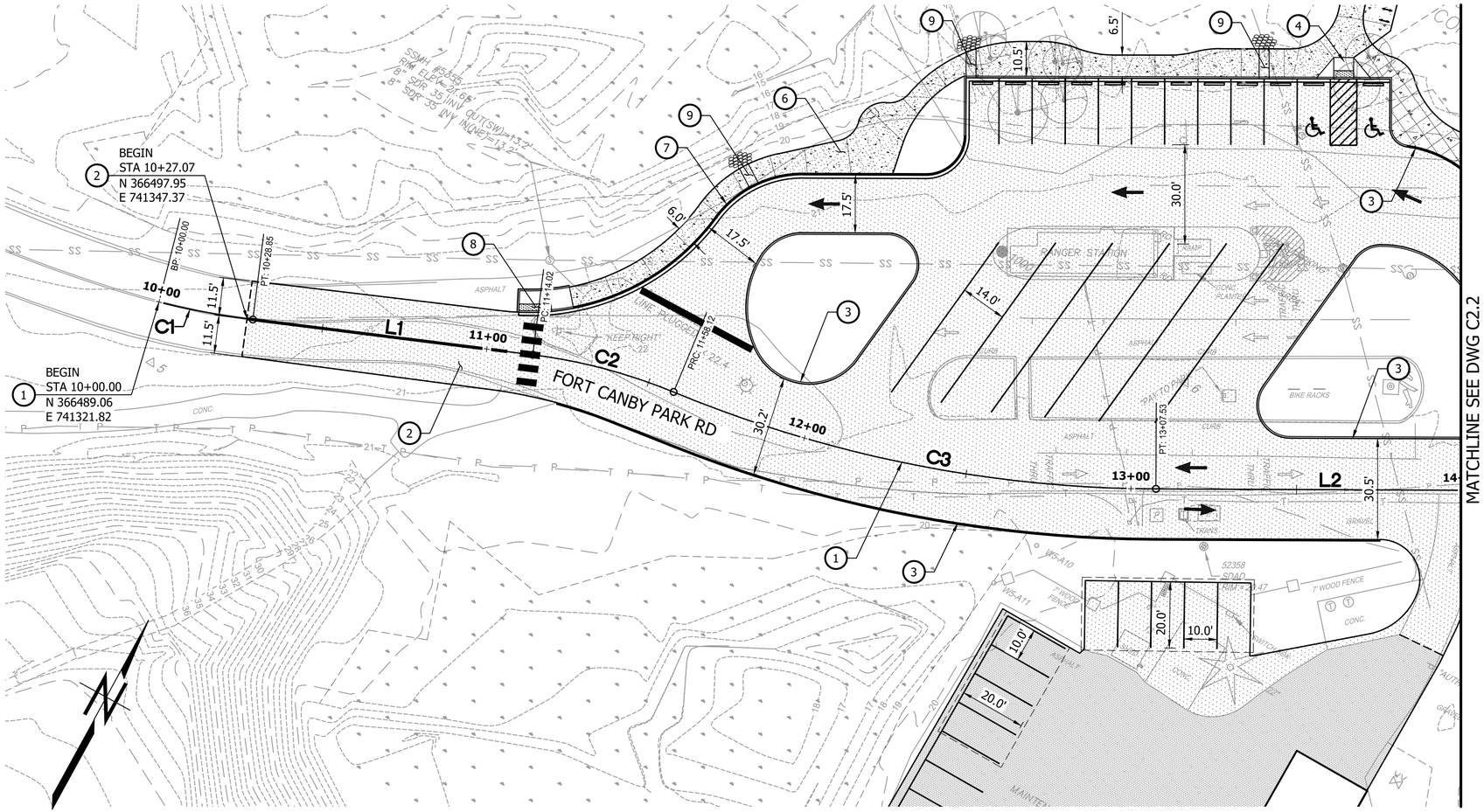
WELCOME CENTER AND ENTRANCE IMPROVEMENTS

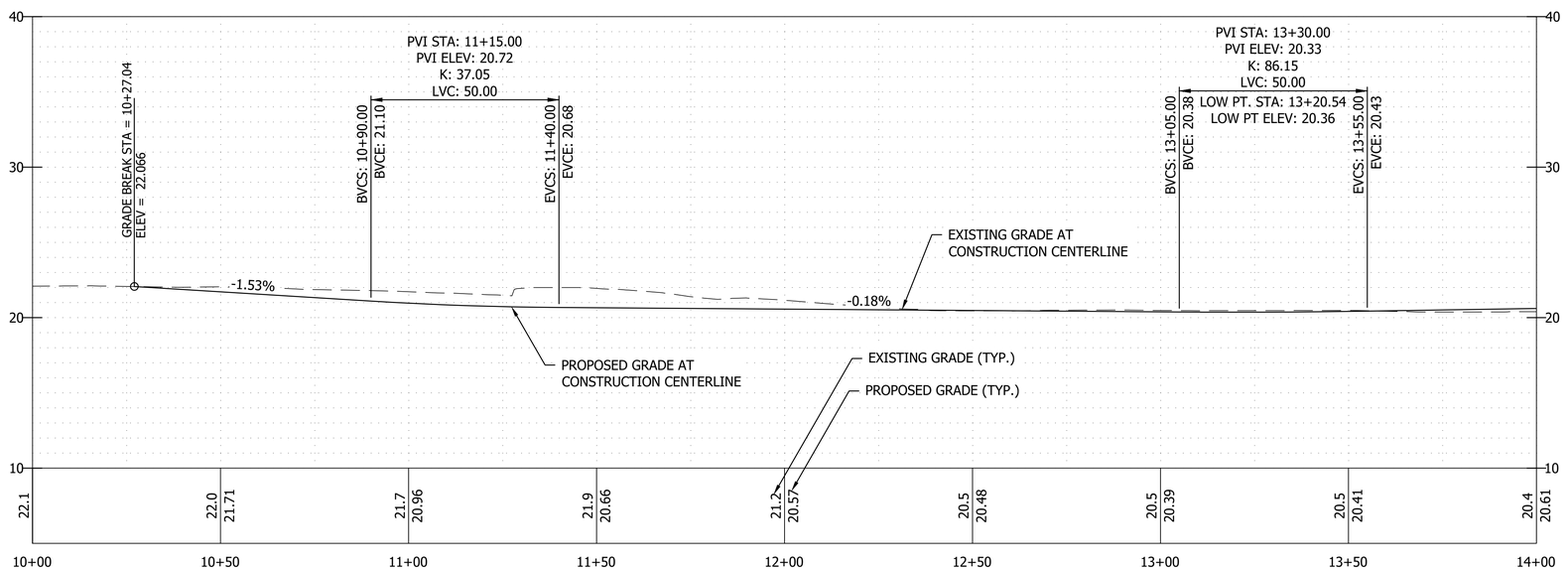
SITE DETAILS

C1.12

SCALE

PARKS FILE#





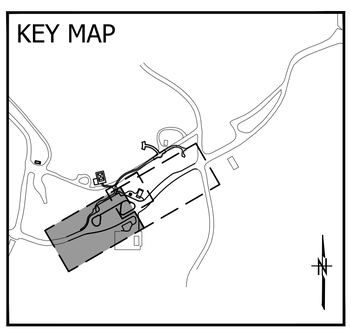
CONSTRUCTION NOTES:

1. ENTRY DRIVE CONSTRUCTION CENTERLINE.
2. PROVIDE HMA PAVEMENT PER DETAIL ON SHEET C2.6.
3. PROVIDE CEMENT CONCRETE TRAFFIC CURB PER WSDOT STD PLAN F-10.12.
4. PROVIDE CURB RAMP TYPE PERPENDICULAR A PER WSDOT STD PLAN F-40.15.
5. PROVIDE STANDARD CONCRETE PAVING PER DETAIL ON SHEET C1.5.
6. PROVIDE SPECIALTY CONCRETE PAVING PER DETAIL ON SHEET C1.5.
7. PROVIDE CEMENT CONCRETE TRAFFIC CURB AND GUTTER PER WSDOT STD PLAN F-10.12.
8. PROVIDE CURB RAMP TYPE PARALLEL B PER WSDOT STD PLAN F-40.12.
9. PROVIDE CONCRETE SCUPPER WITH SPILLWAY PER DETAIL ON SHEET C2.6.

LEGEND:

- STANDARD CONCRETE
- SPECIALTY CONCRETE
- HMA PAVEMENT (FULL DEPTH)
- HMA PAVEMENT (OVERLAY)

KEY MAP



SHEET 23 OF 114

CAD NO. K:\PROJECT\33400\33427\CADD\ACAD\Dwg\C-ROAD ALIGN.dwg

NO.	REVISIONS	INT.	APP.	DATE

ACTION	BY	DATE
DESIGNED		
DRAWN		
CHECKED (FIELD)		
CHECKED (HDQTS.)		

KEVIN C. KRAYBERG — STATE OF WASHINGTON — 39870 — REGISTERED PROFESSIONAL ENGINEER — 1/3/24

PROJECT ENGINEER

WASHINGTON STATE PARKS AND RECREATION COMMISSION

CAPE DISAPPOINTMENT STATE PARK

WELCOME CENTER AND ENTRANCE IMPROVEMENTS

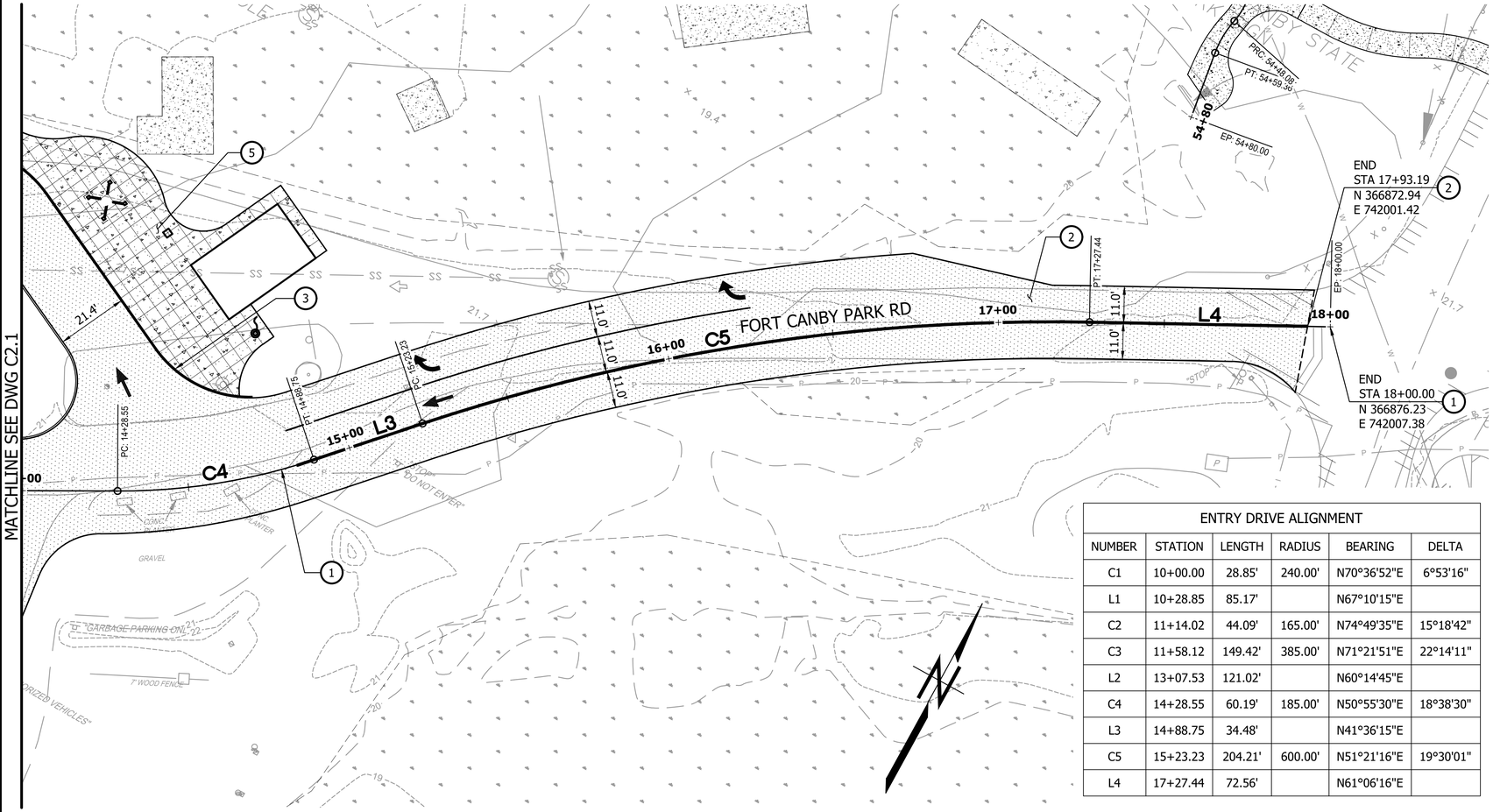
ENTRY DRIVE PLAN & PROFILE

C2.1

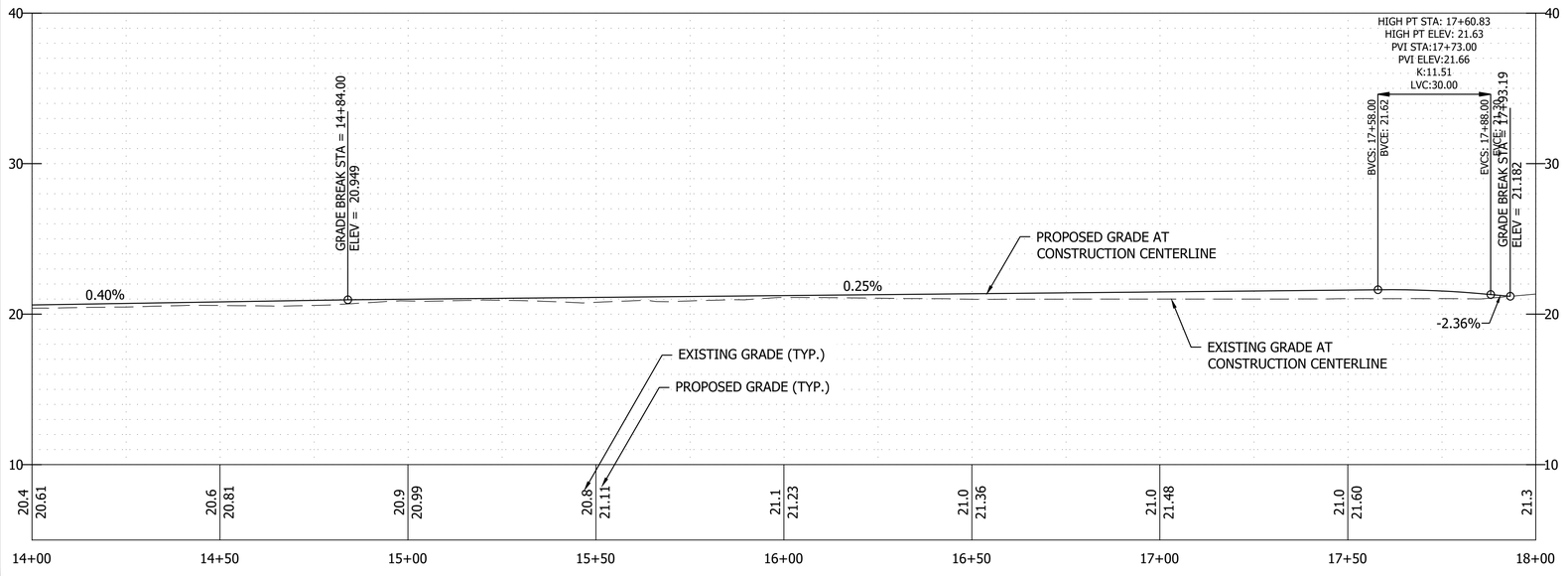
SCALE 20' 0 40'

PARKS FILE#

Plotted: Feb 02, 2024 – 8:58am eva.ho K:\PROJECT\33400\33427\CADD\ACAD\Dwg\C-ROAD ALIGN.dwg Layout Name: C2.1



ENTRY DRIVE ALIGNMENT					
NUMBER	STATION	LENGTH	RADIUS	BEARING	DELTA
C1	10+00.00	28.85'	240.00'	N70°36'52"E	6°53'16"
L1	10+28.85	85.17'		N67°10'15"E	
C2	11+14.02	44.09'	165.00'	N74°49'35"E	15°18'42"
C3	11+58.12	149.42'	385.00'	N71°21'51"E	22°14'11"
L2	13+07.53	121.02'		N60°14'45"E	
C4	14+28.55	60.19'	185.00'	N50°55'30"E	18°38'30"
L3	14+88.75	34.48'		N41°36'15"E	
C5	15+23.23	204.21'	600.00'	N51°21'16"E	19°30'01"
L4	17+27.44	72.56'		N61°06'16"E	



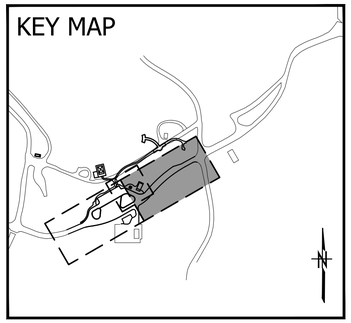
CONSTRUCTION NOTES:

1. ENTRY DRIVE CONSTRUCTION CENTERLINE.
2. PROVIDE HMA PAVEMENT PER DETAIL ON SHEET C2.6.
3. PROVIDE CEMENT CONCRETE TRAFFIC CURB PER WSDOT STD PLAN F-10.12.
4. PROVIDE CURB RAMP TYPE PERPENDICULAR A PER WSDOT STD PLAN F-40.15.
5. PROVIDE STANDARD CONCRETE PAVING PER DETAIL ON SHEET C1.5.
6. PROVIDE SPECIALTY CONCRETE PAVING PER DETAIL ON SHEET C1.5.
7. PROVIDE CEMENT CONCRETE TRAFFIC CURB AND GUTTER PER WSDOT STD PLAN F-10.12.
8. PROVIDE CURB RAMP TYPE PARALLEL B PER WSDOT STD PLAN F-40.12.
9. PROVIDE CONCRETE SCUPPER WITH SPILLWAY PER DETAIL ON SHEET C2.6.

LEGEND:

- STANDARD CONCRETE
- SPECIALTY CONCRETE
- HMA PAVEMENT (FULL DEPTH)
- HMA PAVEMENT (OVERLAY)

KEY MAP



SHEET 24 OF 114

CAD NO. K:\PROJECT\33400\33427\CADD\ACAD\Dwg\C-ROAD ALIGN.dwg

NO.	REVISIONS	INT.	APP.	DATE

ACTION	BY	DATE
DESIGNED		
DRAWN		
CHECKED (FIELD)		
CHECKED (HDQTS.)		

KEVIN C. KRAYBERG — STATE OF WASHINGTON — 39870 — REGISTERED PROFESSIONAL ENGINEER
1/31/24
PROJECT ENGINEER

WASHINGTON STATE PARKS AND RECREATION COMMISSION

CAPE DISAPPOINTMENT STATE PARK

WELCOME CENTER AND ENTRANCE IMPROVEMENTS

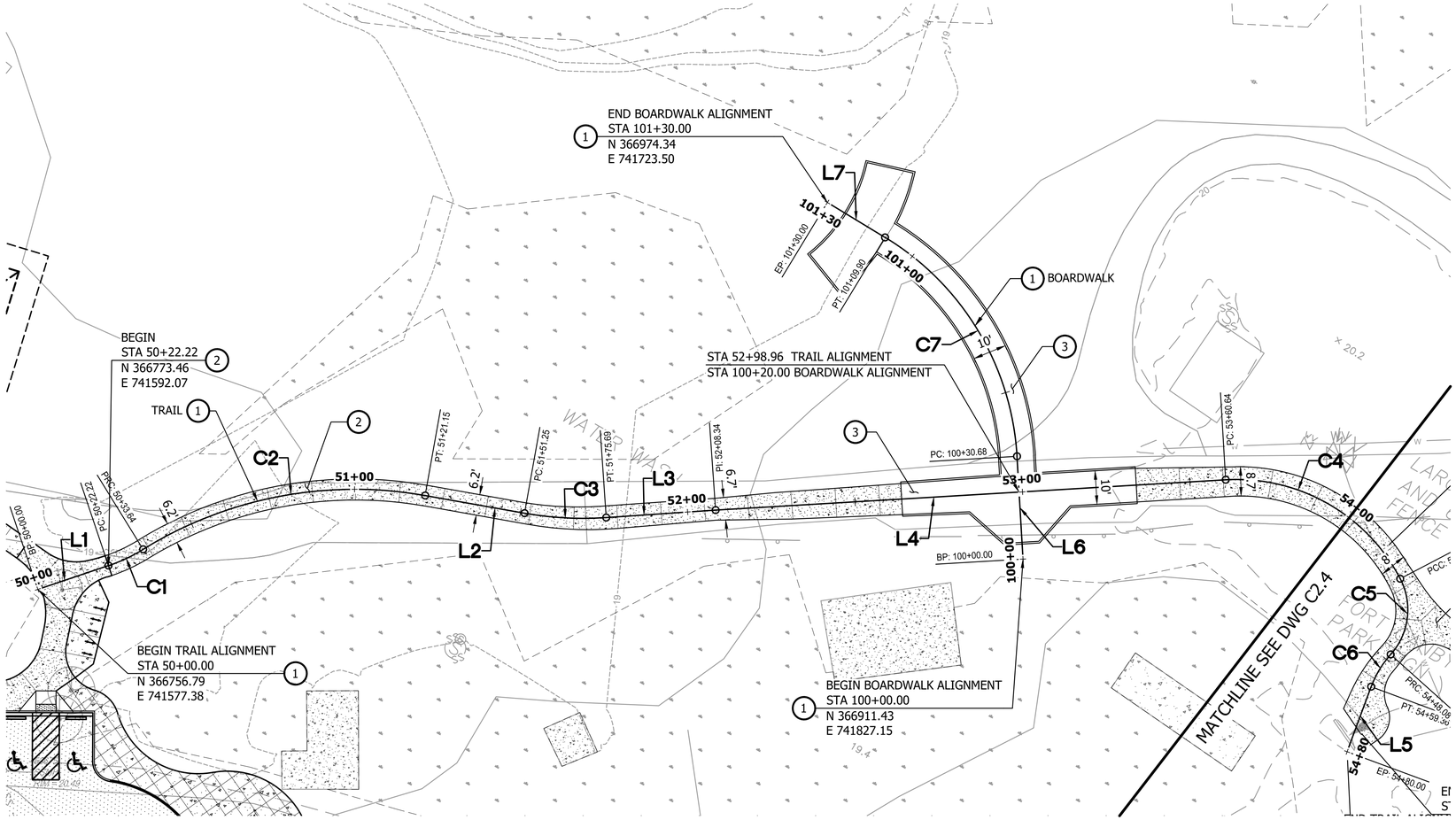
ENTRY DRIVE PLAN & PROFILE

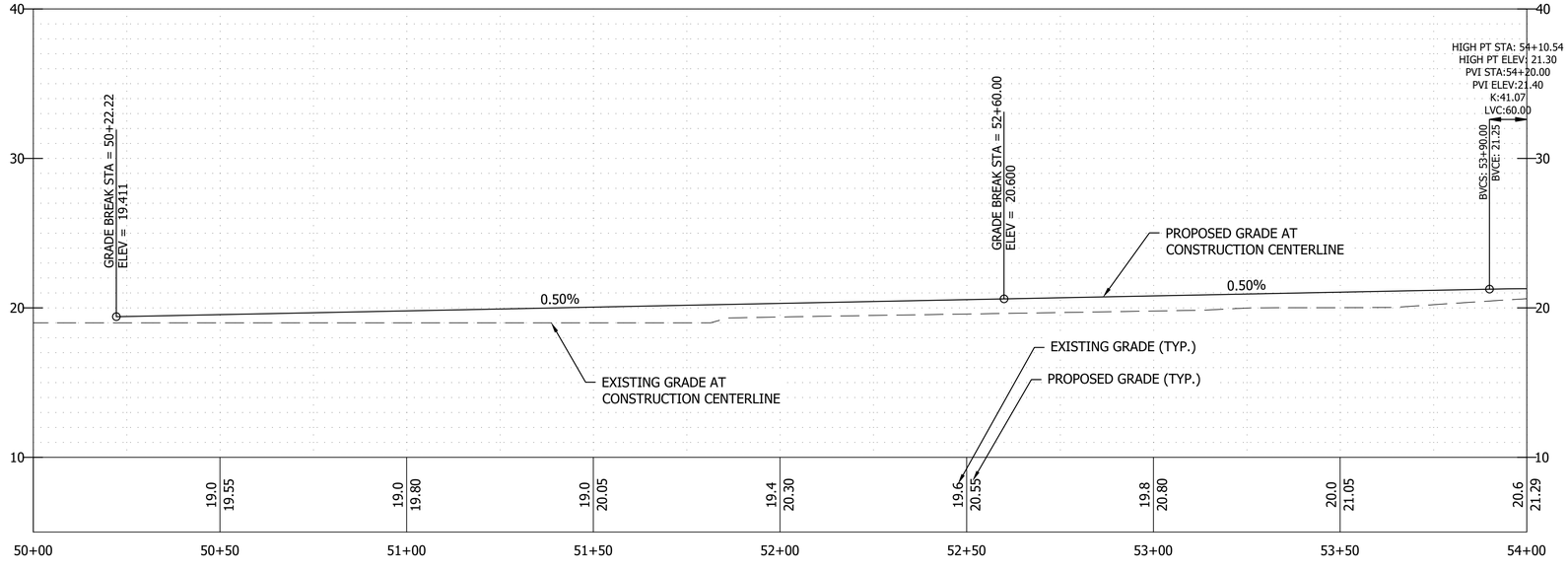
C2.2

SCALE 20' 0 40'

PARKS FILE#

Plotted: Feb 02, 2024 – 8:58am K:\PROJECT\33400\33427\CADD\ACAD\Dwg\C-ROAD ALIGN.dwg Layout Name: C2.2 eva.ho





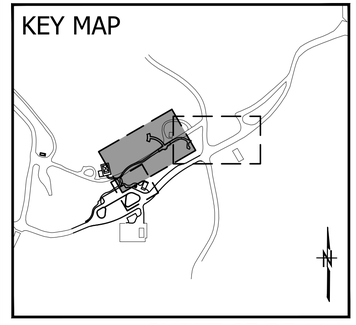
CONSTRUCTION NOTES:

1. CONSTRUCTION CENTERLINE.
2. PROVIDE TRAIL PER TYPICAL SECTION ON SHEET C2.6.
3. PROVIDE BOARDWALK, SEE SHEET C2.7-C2.8 FOR DETAILS.

LEGEND:

TRAIL WITH SPECIALTY CONCRETE PAVING

KEY MAP



SHEET 25 OF 114

CAD NO. K:\PROJECT\33400\33427\CADD\ACAD\Dwg\C-TRAIL ALIGN.dwg

NO.	REVISIONS	INT.	APP.	DATE

ACTION	BY	DATE
DESIGNED		
DRAWN		
CHECKED (FIELD)		
CHECKED (HDQTS.)		

KEVIN C. KRAXBERGER
STATE OF WASHINGTON
39870
REGISTERED
PROFESSIONAL ENGINEER
1/3/24

PROJECT ENGINEER

WASHINGTON STATE PARKS AND RECREATION COMMISSION

CAPE DISAPPOINTMENT STATE PARK

WELCOME CENTER AND ENTRANCE IMPROVEMENTS

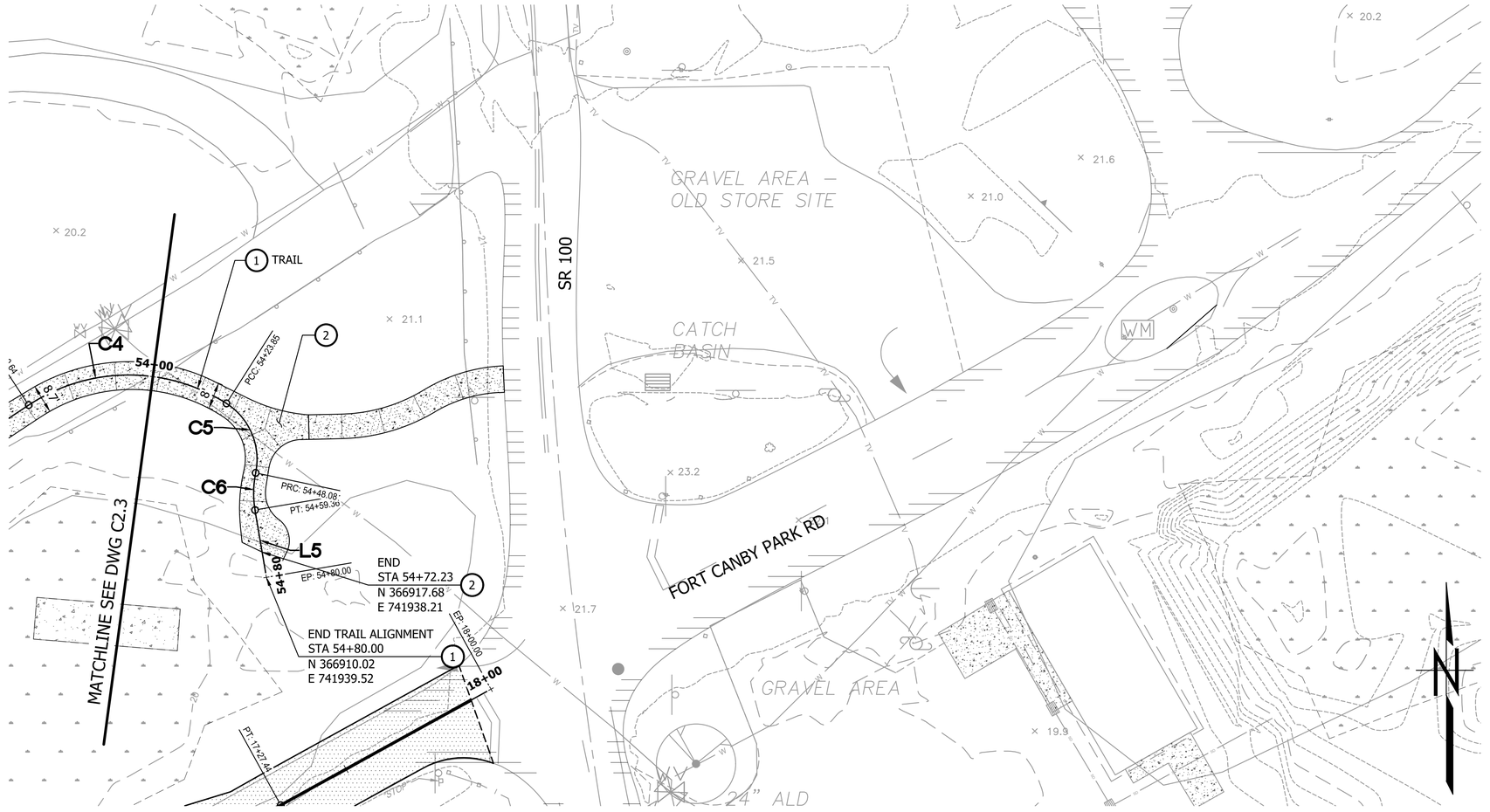
TRAIL PLAN & PROFILE

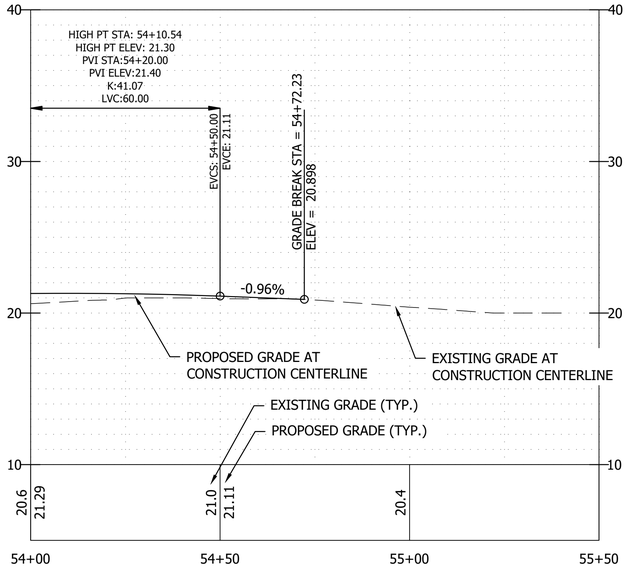
C2.3

SCALE 0 20' 40'

PARKS FILE#

Plotted: Feb 02, 2024 – 8:59am eva.ho K:\PROJECT\33400\33427\CADD\ACAD\Dwg\C-TRAIL ALIGN.dwg Layout Name: C2.3





TRAIL ALIGNMENT					
NUMBER	STATION	LENGTH	RADIUS	BEARING	DELTA
L1	50+00.00	22.22'		N41°23'07"E	
C1	50+22.22	11.42'	50.00'	N34°50'33"E	13°05'08"
C2	50+33.64	87.51'	120.00'	N49°11'32"E	41°47'06"
L2	51+21.15	30.10'		N70°05'05"E	
C3	51+51.25	24.44'	100.00'	N63°04'58"E	14°00'16"
L3	51+75.69	32.65'		N56°04'50"E	
L4	52+08.34	152.30'		N56°36'19"E	
C4	53+60.64	63.21'	55.00'	N89°31'46"E	65°50'55"
C5	54+23.85	24.23'	20.00'	S22°50'12"E	69°25'07"
C6	54+48.08	11.28'	30.00'	S1°06'18"W	21°32'07"
L5	54+59.36	20.65'		S9°39'45"E	

BOARDWALK ALIGNMENT					
NUMBER	STATION	LENGTH	RADIUS	BEARING	DELTA
L6	100+00.00	30.68'		N33°23'41"W	
C7	100+30.68	79.22'	82.00'	N61°04'19"W	55°21'15"
L7	101+09.90	20.10'		N88°44'56"W	

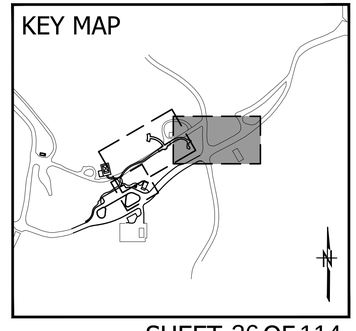
CONSTRUCTION NOTES:

1. CONSTRUCTION CENTERLINE.
2. PROVIDE TRAIL PER TYPICAL SECTION ON SHEET C2.6.
3. PROVIDE BOARDWALK, SEE SHEET C2.7-C2.8 FOR DETAILS.

LEGEND:

TRAIL WITH SPECIALTY CONCRETE PAVING

KEY MAP



SHEET 26 OF 114

CAD NO. K:\PROJECT\33400\33427\CADD\ACAD\Dwg\C-TRAIL ALIGN.dwg

NO.	REVISIONS	INT.	APP.	DATE

ACTION	BY	DATE
DESIGNED		
DRAWN		
CHECKED (FIELD)		
CHECKED (HDQTS.)		

KEVIN C. KRAXBERGER — STATE OF WASHINGTON — 39870 — REGISTERED PROFESSIONAL ENGINEER

PROJECT ENGINEER

WASHINGTON STATE PARKS AND RECREATION COMMISSION

CAPE DISAPPOINTMENT STATE PARK

WELCOME CENTER AND ENTRANCE IMPROVEMENTS

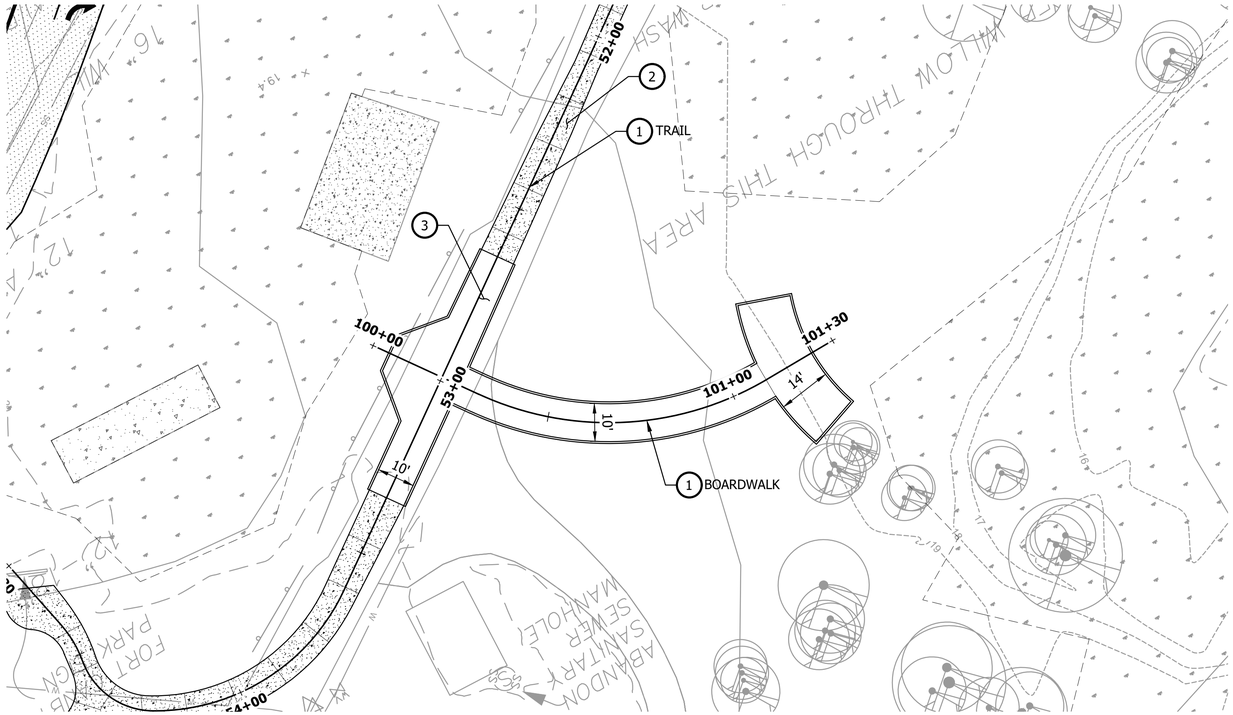
TRAIL PLAN & PROFILE

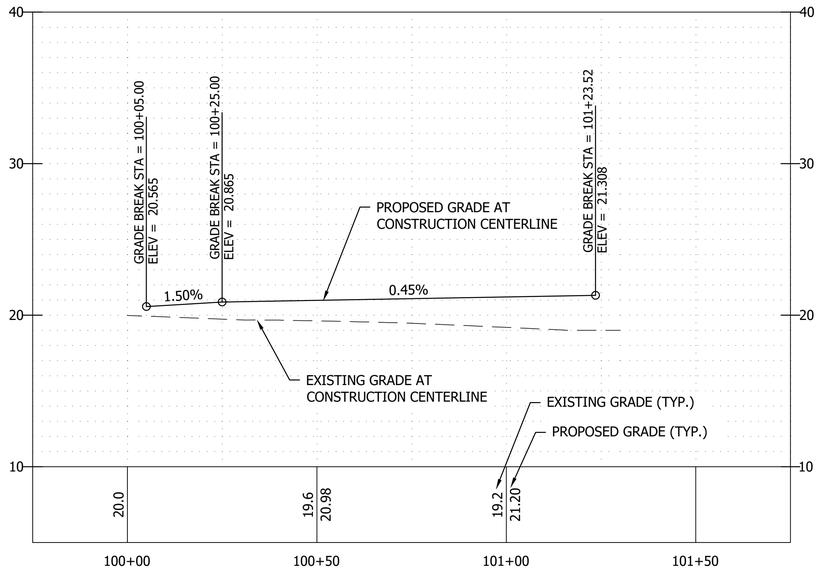
C2.4

SCALE 0 20' 40'

PARKS FILE#

Plotted: Feb 02, 2024 – 8:59am eva.ho K:\PROJECT\33400\33427\CADD\ACAD\Dwg\C-TRAIL ALIGN.dwg Layout Name: C2.4





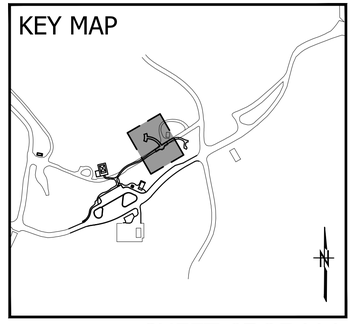
CONSTRUCTION NOTES:

1. CONSTRUCTION CENTERLINE.
2. PROVIDE TRAIL PER TYPICAL SECTION ON SHEET C2.6.
3. PROVIDE BOARDWALK, SEE SHEET C2.7-C2.8 FOR DETAILS.

LEGEND:

TRAIL WITH SPECIALTY CONCRETE PAVING

KEY MAP



SHEET 27 OF 114

CAD NO. K:\PROJECT\33400\33427\CADD\ACAD\Dwg\C-BOARDWALK PLAN & PROFILE.dwg

NO.	REVISIONS	INT.	APP.	DATE

ACTION	BY	DATE
DESIGNED		
DRAWN		
CHECKED (FIELD)		
CHECKED (HDQTS.)		

KEVIN C. KRAXBERGER — STATE OF WASHINGTON — 39870 — REGISTERED PROFESSIONAL ENGINEER

PROJECT ENGINEER

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CAPE DISAPPOINTMENT STATE PARK

WELCOME CENTER AND ENTRANCE IMPROVEMENTS

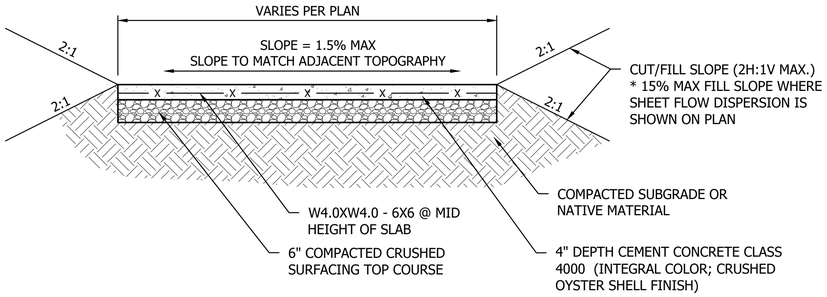
BOARDWALK PLAN & PROFILE

C2.5

SCALE 20' 0 40'

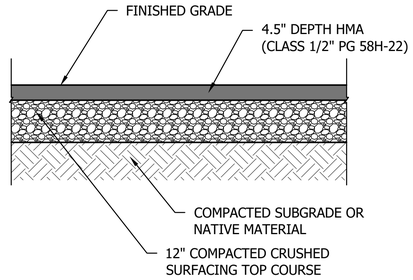
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Plotted: Feb 02, 2024 – 9:00am eva.ho K:\PROJECT\33400\33427\CADD\ACAD\Dwg\C-BOARDWALK PLAN & PROFILE.dwg Layout Name: C2.5

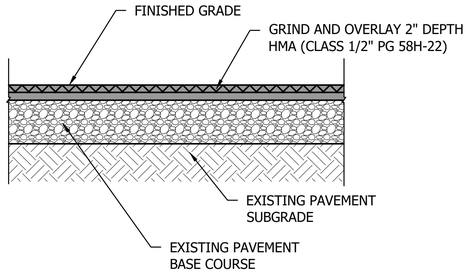


TRAIL TYPICAL SECTION

NOT TO SCALE



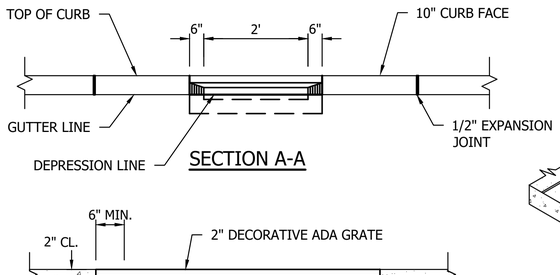
FULL DEPTH



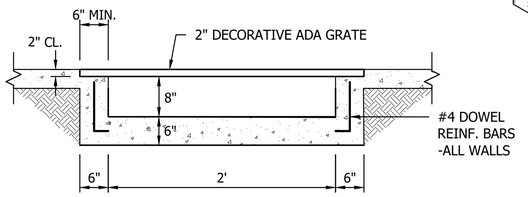
OVERLAY

ASPHALT PAVEMENT SECTION

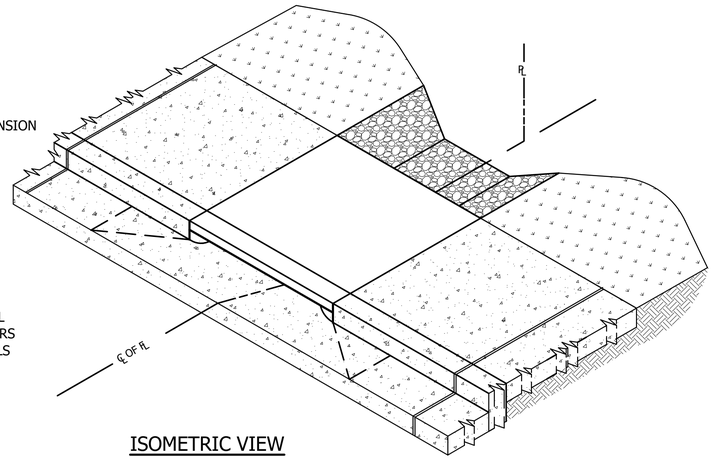
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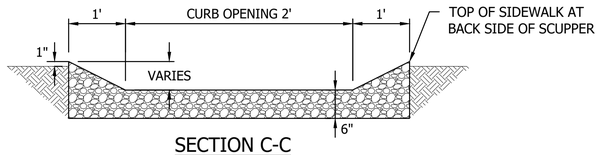
SECTION A-A



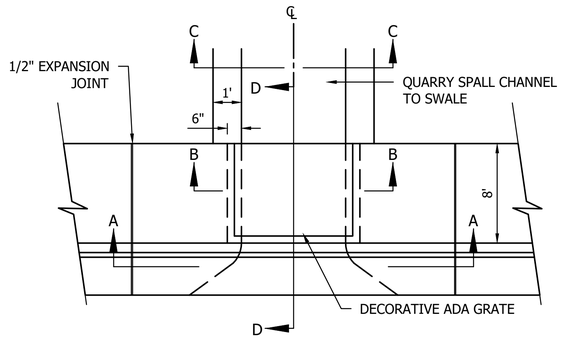
SECTION B-B



ISOMETRIC VIEW



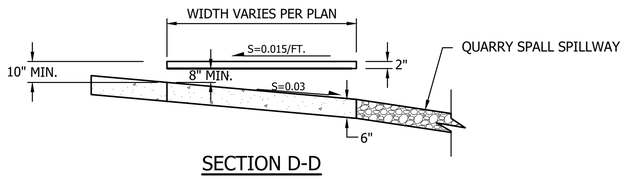
SECTION C-C
SPILLWAY



SCUPPER PLAN VIEW

NOTES

1. A CENTER WALL SHALL BE INSTALLED IN SCUPPERS WIDER THAN 4' OR IF MORE THAN 1 SCUPPER IS BUILT IN SERIES.
2. EXPANSION JOINT FILLER SHALL BE ½" BITUMINOUS TYPE PREFORMED EXPANSION JOINT FILLER, ASTM D-1751.
3. CONCRETE FOR THE SCUPPER SHALL BE MIN. CLASS 3000.



SECTION D-D

CONCRETE SCUPPER WITH SPILLWAY

NOT TO SCALE

CAD NO. K:\PROJECT\33400\33427\CADD\ACAD\Dwg\C-ROAD TRAIL DETAILS.dwg

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DESIGNED		
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CHECKED (HDQTS.)		

KEVIN C. KRAXBERGER — STATE OF WASHINGTON — 39870 — REGISTERED PROFESSIONAL ENGINEER — 1/31/24

PROJECT ENGINEER

WASHINGTON STATE PARKS AND RECREATION COMMISSION

CAPE DISAPPOINTMENT STATE PARK

WELCOME CENTER AND ENTRANCE IMPROVEMENTS

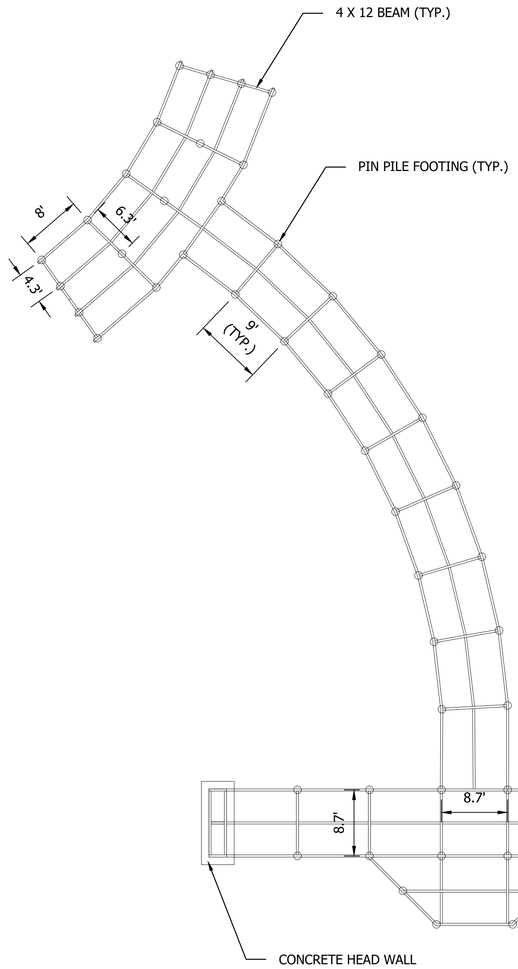
ROADWAY & TRAIL DETAILS

C2.6

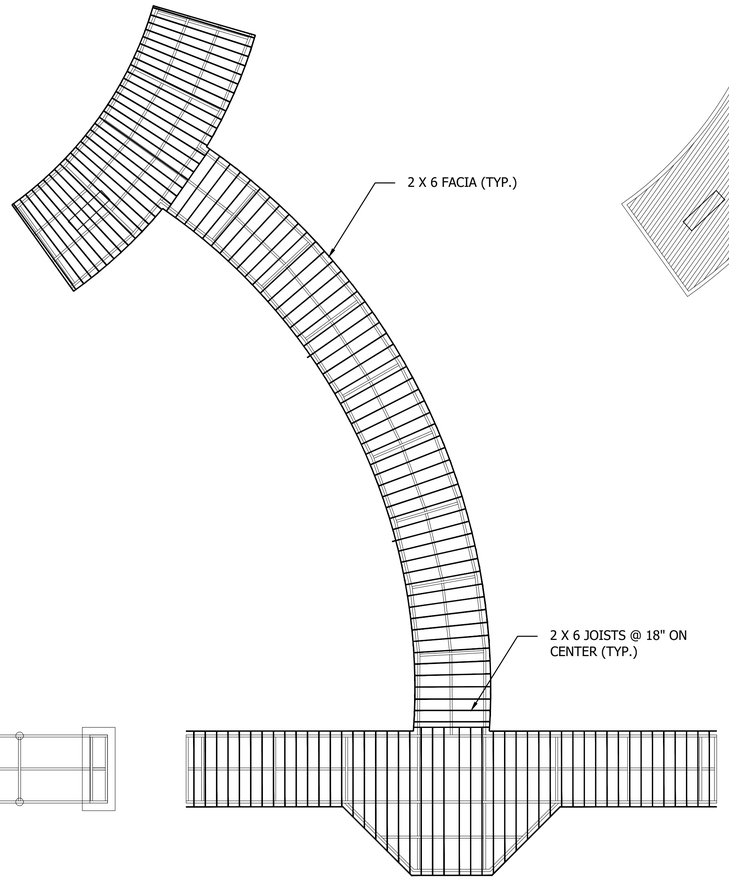
SCALE

PARKS FILE#

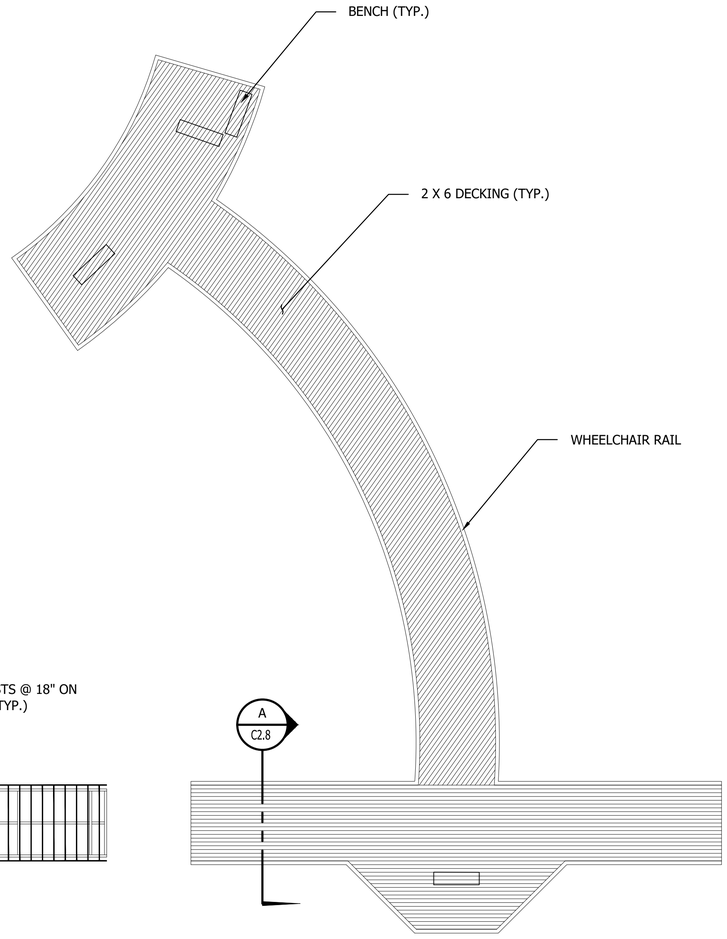
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BEAM & FOOOTING PLAN



JOIST PLAN



DECKING PLAN

NOTE:
SEE SHEETS C2.3, C2.5, AND C3.2 FOR BOARDWALK LAYOUT.

BOARDWALK

SCALE: 1"=10'

CAD NO. K:\PROJECT\33400\33427\CADD\ACAD\Dwg\C-BOARDWALK DETAILS.dwg

	DATE
	APP.
	INT.
	REVISIONS
	NO.

ACTION	BY	DATE
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CHECKED (FIELD)		
CHECKED (HDQTS.)		

KEVIN C. KRAABENHOFT — STATE OF WASHINGTON — 39870 — REGISTERED PROFESSIONAL ENGINEER — 1.31.24

PROJECT ENGINEER

WASHINGTON STATE PARKS AND RECREATION COMMISSION

CAPE DISAPPOINTMENT STATE PARK

WELCOME CENTER AND ENTRANCE IMPROVEMENTS

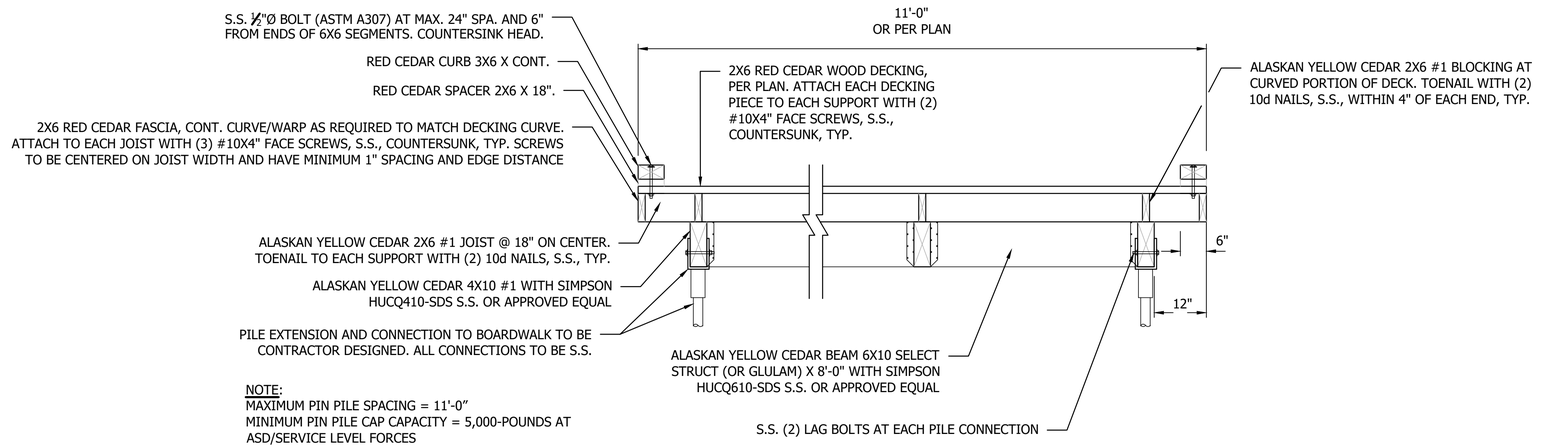
BOARDWALK DETAILS

C2.7

SCALE

PARKS FILE#

Plotted: Feb 02, 2024 – 12:42pm eva.ho K:\PROJECT\33400\33427\CADD\ACAD\Dwg\C-BOARDWALK DETAILS.dwg Layout Name: C2.7



A / C2.7 *BOARDWALK TYPICAL SECTION*

NOT TO SCALE

CAD NO. K:\PROJECT\33400\33427\CADD\ACAD\Dwg\C-BOARDWALK DETAILS.dwg

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NO.			

ACTION	BY	DATE
DESIGNED		
DRAWN		
CHECKED (FIELD)		
CHECKED (HDQTS.)		

KEVIN C. KRAABENHOFT — STATE OF WASHINGTON — 39870 — REGISTERED PROFESSIONAL ENGINEER — 1/31/24

PROJECT ENGINEER

WASHINGTON STATE PARKS AND RECREATION COMMISSION

CAPE DISAPPOINTMENT STATE PARK

WELCOME CENTER AND ENTRANCE IMPROVEMENTS

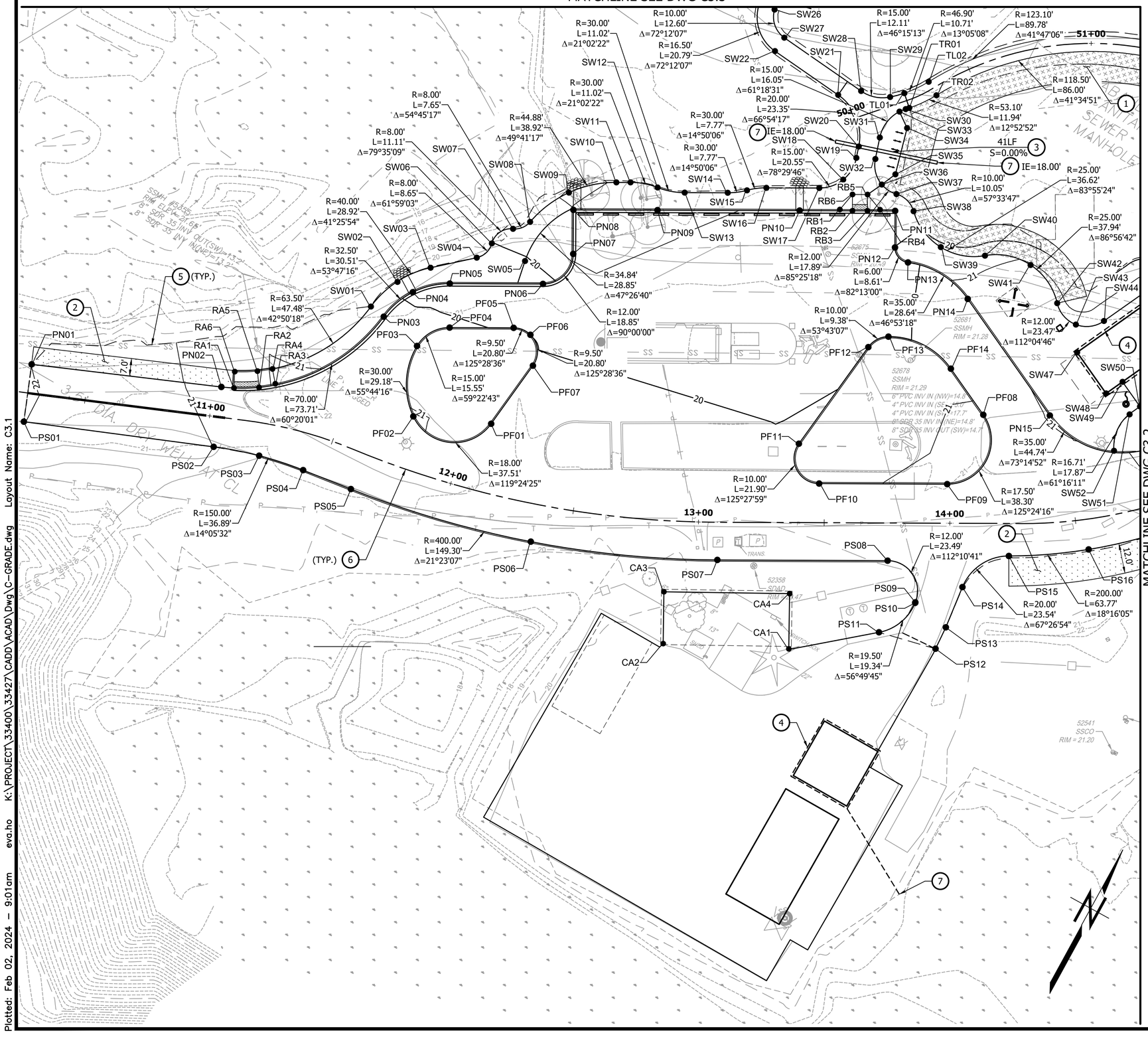
BOARDWALK DETAILS

C2.8

SCALE

PARKS FILE#

Plotted: Feb 02, 2024 – 12:40pm eva.ho K:\PROJECT\33400\33427\CADD\ACAD\Dwg\C-BOARDWALK DETAILS.dwg Layout Name: C2.8



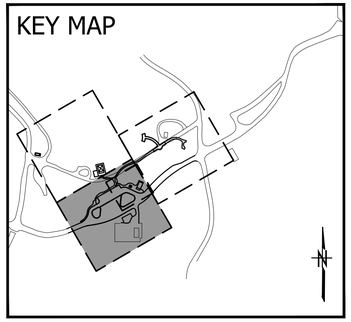
NOTES:

1. PROVIDE SHEET FLOW DISPERSION PER DETAIL ON SHEET C3.4.
2. PROVIDE VEGETATED FILTER STRIP PER DETAIL ON SHEET C3.4.
3. PROVIDE 12" CULVERT PIPE WITH PIPE INLET/OUTLET PROTECTION PER DETAIL ON SHEET C3.4.
4. PROVIDE FOUNDATION DRAIN PER DETAIL ON SHEET C3.4.
5. APPROXIMATE GRADING LIMIT.
6. SEE SHEETS C2.1-C2.5 FOR ALIGNMENT AND PROFILE INFORMATION.
7. INSTALL PIPE INLET/OUTLET PROTECTION PER DETAIL ON SHEET C3.4.

GENERAL NOTES:

1. STORM DRAIN PIPE SHALL BE CORRUGATED POLYETHYLENE STORM SEWER PIPE, UNLESS NOTED OTHERWISE.
2. SEE SHEET C3.4 FOR TYPICAL TRENCH SECTION.
3. SEE SHEETS C3.5-C3.6 FOR GRADING POINT TABLES.

KEY MAP



SHEET 31 OF 114

CAD NO. K:\PROJECT\33400\33427\CADD\ACAD\Dwg\C-GRADE.dwg

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KEVIN C. KRAXBERGER — STATE OF WASHINGTON — 39870 — REGISTERED PROFESSIONAL ENGINEER — 1/31/24

PROJECT ENGINEER

WASHINGTON STATE PARKS AND RECREATION COMMISSION

CAPE DISAPPOINTMENT STATE PARK

WELCOME CENTER AND ENTRANCE IMPROVEMENTS

GRADING & DRAINAGE PLAN

C3.1

SCALE 20' 0 40'

PARKS FILE#

Plotted: Feb 02, 2024 – 9:01am eva.ho Layout Name: C3.1 K:\PROJECT\33400\33427\CADD\ACAD\Dwg\C-GRADE.dwg

MATCHLINE SEE DWG C3.3

MATCHLINE SEE DWG C3.1

BW13 BW14 BW15 BW12 BW11 BW10 BW09 BW08 BW16 BW17 BW18 BW07 BW02 BW01 BW03 BW04 BW05 BW06
R=49.61' L=32.90' Δ=38°00'11"
R=64.11' L=16.25' Δ=14°31'38"
R=87.00' L=83.80' Δ=55°11'19"
R=64.11' L=16.26' Δ=14°31'48"
R=76.50' L=73.33' Δ=54°55'16"
R=96.50' L=23.61' Δ=14°01'01"
R=103.50' L=26.89' Δ=14°53'00"
R=58.00' L=57.97' Δ=57°16'06"
R=50.00' L=58.29' Δ=66°47'59"
R=15.00' L=18.34' Δ=70°04'02"
R=50.00' L=16.90' Δ=19°21'45"
R=10.00' L=10.88' Δ=62°18'37"
R=50.00' L=19.18' Δ=21°58'33"
R=50.00' L=26.21' Δ=30°02'18"
R=50.00' L=25.29' Δ=28°59'01"
R=57.42' L=29.49' Δ=29°25'39"
R=10.00' L=13.89' Δ=79°34'12"
R=8.00' L=11.04' Δ=79°03'42"
R=42.00' L=20.49' Δ=27°56'51"
R=622.00' L=158.00' Δ=14°33'16"
R=589.00' L=200.46' Δ=19°30'01"
TL03 TL04 TL05 TL06 TL07 TL08 TL09 TL10 TL11 TL12 TL13 TL14 TL15 TL16 TL17 TL18
TR03 TR04 TR05 TR06 TR07 TR08 TR09 TR10 TR11 TR12 TR13 TR14 TR15 TR16 TR17 TR18 TR19
PN16 PN17 PN18 PN19 PN20 PN21 PN22 PN23
PS17 PS18 PS19 PS20 PS21 PS22
SW45 SW46
52+00 53+00 54+00 100+00 101+00 101+30 15+00 16+00 17+00 18+00 54+80
(TYP.)
ABANDON SANITARY SEWER MANHOLE
SS MANHOLE RIM EL.=21.4' 8"SDR35 INCNE) INV. EL.=17.2' 8"SDR35 OUT(SW) INV. EL.=17.2'
SS MANHOLE RIM EL.=21.4' 8"SDR35 INCNE) INV. EL.=16.1' 8"SDR35 OUT(SW) INV. EL.=15.9'
12" WOOD POST (TYP.)
LARGE WOOD FENCE LINK
6" ALD
24" ALD
13" CMP I.E.=15.6' CONDITION FAIR
CATCH BASIN
GRAVEL ROAD
GRASS
ABOVE GROUND ELEC

NOTES:

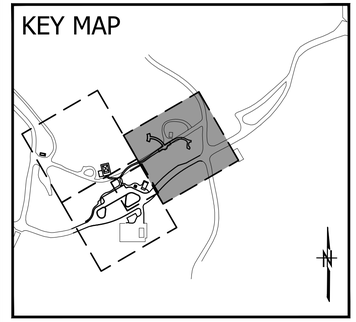
1. PROVIDE SHEET FLOW DISPERSION PER DETAIL ON SHEET C3.4.
2. PROVIDE VEGETATED FILTER STRIP PER DETAIL ON SHEET C3.4.
3. PROVIDE 12" CULVERT PIPE WITH PIPE INLET/OUTLET PROTECTION PER DETAIL ON SHEET C3.4.
4. PROVIDE FOUNDATION DRAIN PER DETAIL ON SHEET C3.4.
5. APPROXIMATE GRADING LIMIT.
6. SEE SHEETS C2.1-C2.5 FOR ALIGNMENT AND PROFILE INFORMATION.
7. INSTALL PIPE INLET/OUTLET PROTECTION PER DETAIL ON SHEET C3.4.

GENERAL NOTES:

1. STORM DRAIN PIPE SHALL BE CORRUGATED POLYETHYLENE STORM SEWER PIPE, UNLESS NOTED OTHERWISE.
2. SEE SHEET C3.4 FOR TYPICAL TRENCH SECTION.
3. SEE SHEETS C3.5-C3.6 FOR GRADING POINT TABLES.

VEGETATED FILTER STRIP
SHEET FLOW DISPERSION
XX GRADING POINT

KEY MAP



SHEET 32 OF 114

CAD NO. K:\PROJECT\33400\33427\CADD\ACAD\Dwg\C-GRADE.dwg

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KEVIN C. KRAXBERGER STATE OF WASHINGTON 39870 REGISTERED PROFESSIONAL ENGINEER
1/31/24
PROJECT ENGINEER

WASHINGTON STATE PARKS AND RECREATION COMMISSION

CAPE DISAPPOINTMENT STATE PARK

WELCOME CENTER AND ENTRANCE IMPROVEMENTS

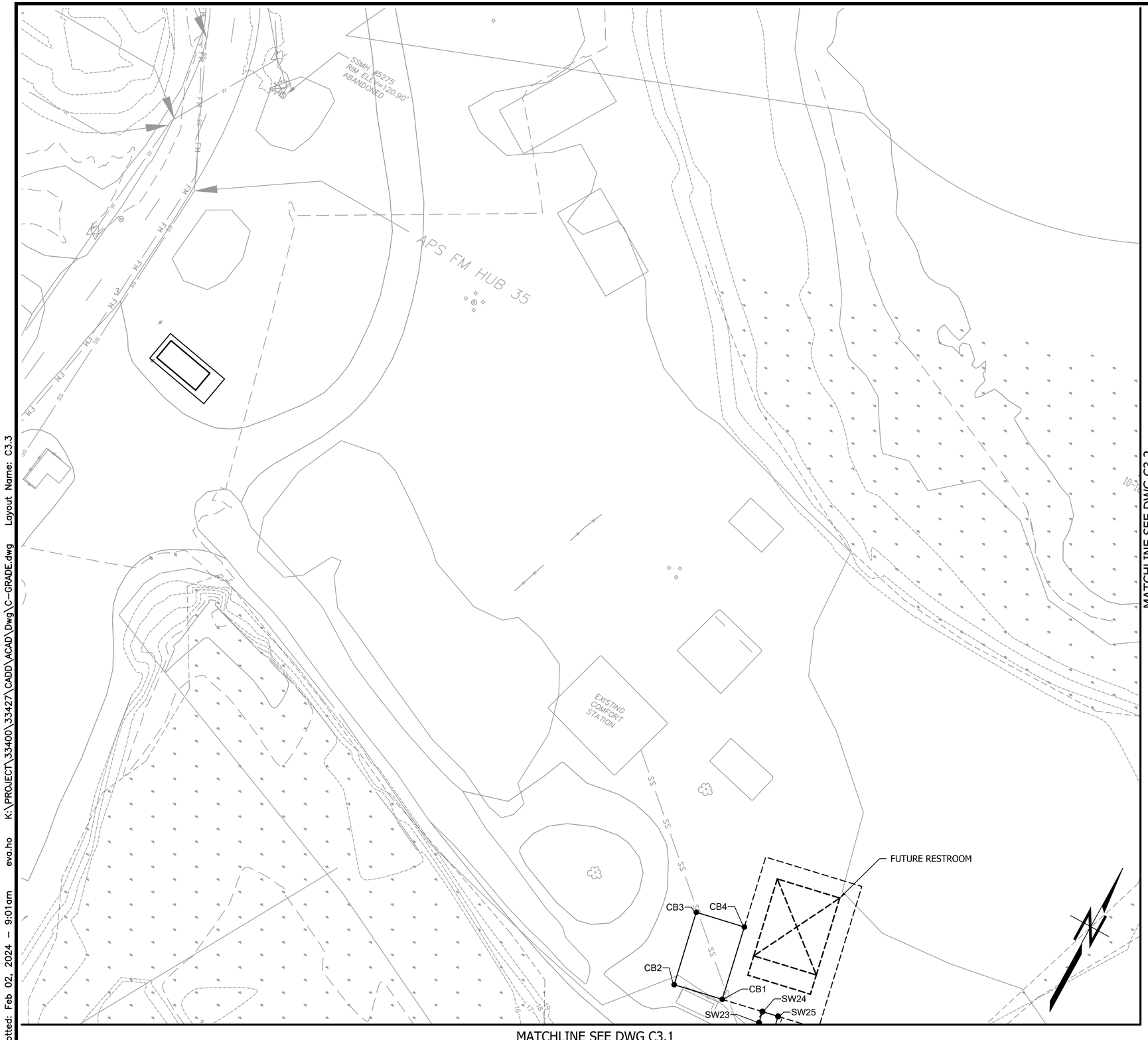
GRADING & DRAINAGE PLAN

C3.2

SCALE 20' 0 40'

PARKS FILE#

Plotted: Feb 02, 2024 – 9:01am eva.ho K:\PROJECT\33400\33427\CADD\ACAD\Dwg\C-GRADE.dwg Layout Name: C3.2



NOTES:

1. PROVIDE SHEET FLOW DISPERSION PER DETAIL ON SHEET C3.4.
2. PROVIDE VEGETATED FILTER STRIP PER DETAIL ON SHEET C3.4.
3. PROVIDE 12" CULVERT PIPE WITH PIPE INLET/OUTLET PROTECTION PER DETAIL ON SHEET C3.4.
4. PROVIDE FOUNDATION DRAIN PER DETAIL ON SHEET C3.4.
5. APPROXIMATE GRADING LIMIT.
6. SEE SHEETS C2.1-C2.5 FOR ALIGNMENT AND PROFILE INFORMATION.
7. INSTALL PIPE INLET/OUTLET PROTECTION PER DETAIL ON SHEET C3.4.

GENERAL NOTES:

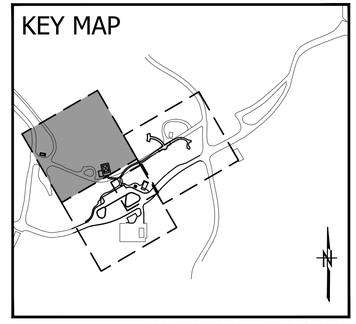
1. STORM DRAIN PIPE SHALL BE CORRUGATED POLYETHYLENE STORM SEWER PIPE, UNLESS NOTED OTHERWISE.
2. SEE SHEET C3.4 FOR TYPICAL TRENCH SECTION.
3. SEE SHEETS C3.5-C3.6 FOR GRADING POINT TABLES.

VEGETATED FILTER STRIP

SHEET FLOW DISPERSION

XX GRADING POINT

KEY MAP



SHEET 33 OF 114

CAD NO. K:\PROJECT\33400\33427\CADD\ACAD\Dwg\C-GRADE.dwg

NO.	REVISIONS	INT.	APP.	DATE

ACTION	BY	DATE
DESIGNED		
DRAWN		
CHECKED (FIELD)		
CHECKED (HDQTS.)		

KEVIN C. KRAXBERGER — STATE OF WASHINGTON — 39870 — REGISTERED PROFESSIONAL ENGINEER

PROJECT ENGINEER

WASHINGTON STATE PARKS AND RECREATION COMMISSION

CAPE DISAPPOINTMENT STATE PARK

WELCOME CENTER AND ENTRANCE IMPROVEMENTS

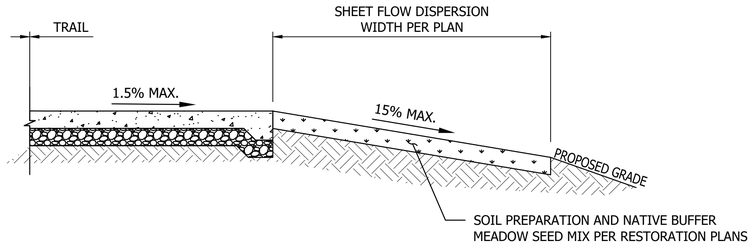
GRADING & DRAINAGE PLAN

C3.3

SCALE 0 20' 40'

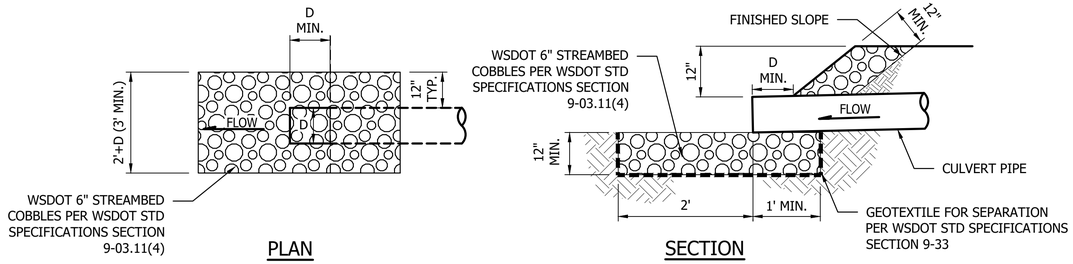
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Plotted: Feb 02, 2024 – 9:01am eva.ho K:\PROJECT\33400\33427\CADD\ACAD\Dwg\C-GRADE.dwg Layout Name: C3.3



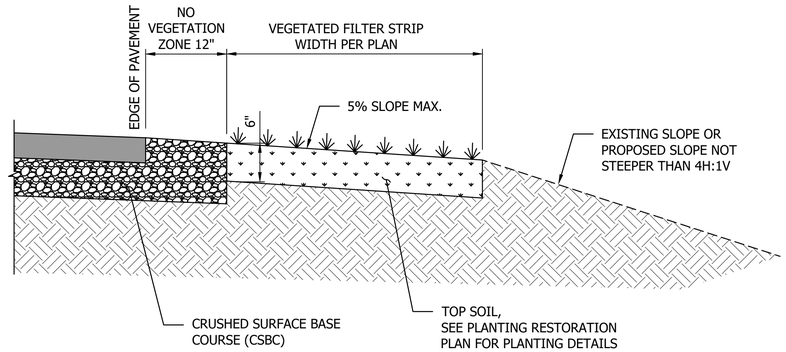
SHEET FLOW DISPERSION

NOT TO SCALE



PIPE INLET & OUTLET PROTECTION

NOT TO SCALE



VEGETATED FILTER STRIP

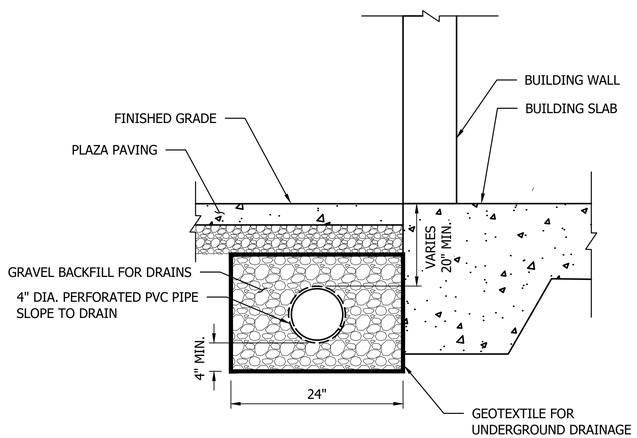
NOT TO SCALE

NOTES:

1. TRENCH WIDTH "W" SHALL BE PER WSDOT STANDARD SPECIFICATIONS SECTION 2-09.4

TYPICAL TRENCH SECTION

NOT TO SCALE



FOUNDATION DRAIN

NOT TO SCALE

CAD NO. K:\PROJECT\33400\33427\CADD\ACAD\Dwg\C-DRAINAGE DETAILS.dwg

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DESIGNED		
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KEVIN C. KRAXBERGER, STATE OF WASHINGTON, 39870, REGISTERED PROFESSIONAL ENGINEER

PROJECT ENGINEER

WASHINGTON STATE PARKS AND RECREATION COMMISSION

CAPE DISAPPOINTMENT STATE PARK

WELCOME CENTER AND ENTRANCE IMPROVEMENTS

GRADING & DRAINAGE DETAILS

C3.4

SCALE

PARKS FILE#

Plotted: Feb 02, 2024 – 9:02am eva.ho K:\PROJECT\33400\33427\CADD\ACAD\Dwg\C-DRAINAGE DETAILS.dwg Layout Name: C3.4

PARKING LOT				
POINT #	STATION/OFFSET	ELEV.	DESCRIPTION	ALIGNMENT
PF01	12+09.44, 27.19' LT	20.35'	FL, PC	ENTRY DRIVE
PF02	11+76.99, 20.81' LT	20.54'	FL, PCC	ENTRY DRIVE
PF03	11+67.80, 47.58' LT	20.24'	FL, PCC	ENTRY DRIVE
PF04	11+78.97, 58.90' LT	20.28'	FL, PT	ENTRY DRIVE
PF05	12+08.07, 66.35' LT	19.95'	FL, PC	ENTRY DRIVE
PF06	12+16.69, 65.32' LT	19.99'	FL	ENTRY DRIVE
PF07	12+21.22, 53.61' LT	20.07'	FL, PT	ENTRY DRIVE
PF08	14+13.11, 43.15' LT	20.89'	FL, PC	ENTRY DRIVE
PF09	13+98.85, 15.52' LT	20.67'	FL, PT	ENTRY DRIVE
PF10	13+47.92, 15.53' LT	20.33'	FL, PC	ENTRY DRIVE
PF11	13+39.78, 31.33' LT	20.13'	FL, PT	ENTRY DRIVE
PF12	13+67.24, 69.87' LT	19.90'	FL, PC	ENTRY DRIVE
PF13	13+75.25, 74.06' LT	19.80'	FL, PCC	ENTRY DRIVE
PF14	14+00.12, 61.44' LT	20.42'	FL, PT	ENTRY DRIVE
PN01	10+27.10, 11.50' LT	21.97'	EOP, BEGIN	ENTRY DRIVE
PN02	11+03.19, 12.01' LT	20.76'	EOP, PC	ENTRY DRIVE
PN03	11+51.92, 53.51' LT	20.30'	FL, PRC	ENTRY DRIVE
PN04	11+57.24, 66.77' LT	20.08'	FL, SCUPPER	ENTRY DRIVE
PN05	11+71.85, 75.39' LT	19.93'	FL, PT	ENTRY DRIVE
PN06	12+16.73, 86.15' LT	19.75'	FL, PC	ENTRY DRIVE
PN07	12+28.73, 100.48' LT	18.87'	FL, PT	ENTRY DRIVE

PARKING LOT				
POINT #	STATION/OFFSET	ELEV.	DESCRIPTION	ALIGNMENT
PN08	12+23.61, 117.59' LT	18.52'	FL, AP, SCUPPER	ENTRY DRIVE
PN09	12+71.68, 122.82' LT	18.84'	FL, GB	ENTRY DRIVE
PN10	13+39.67, 124.02' LT	19.12'	FL, SCUPPER	ENTRY DRIVE
PN11	13+77.67, 124.07' LT	19.29'	FL, AP	ENTRY DRIVE
PN12	13+77.69, 109.55' LT	19.51'	FL, PC	ENTRY DRIVE
PN13	13+82.88, 103.61' LT	19.82'	FL, PRC	ENTRY DRIVE
PN14	14+06.71, 89.20' LT	20.87'	FL, PT	ENTRY DRIVE
PN15	14+42.85, 42.55' LT	21.04'	FL, PC	ENTRY DRIVE
PN16	14+87.09, 21.99' LT	21.19'	EOP, PT	ENTRY DRIVE
PN17	15+23.23, 22.00' LT	21.26'	EOP, PC	ENTRY DRIVE
PN18	15+99.44, 22.00' LT	21.34'	EOP, GB	ENTRY DRIVE
PN19	16+75.64, 22.00' LT	21.63'	EOP, PT	ENTRY DRIVE
PN20	17+16.28, 11.00' LT	21.62'	EOP, PC	ENTRY DRIVE
PN21	17+27.44, 11.00' LT	21.65'	EOP, PT	ENTRY DRIVE
PN22	17+61.22, 11.00' LT	21.67'	EOP, GB	ENTRY DRIVE
PN23	17+95.00, 11.00' LT	21.07'	EOP, END	ENTRY DRIVE
PS01	10+27.04, 11.52' RT	22.01'	EOP, BEGIN	ENTRY DRIVE
PS02	11+03.10, 12.00' RT	21.00'	EOP, PC	ENTRY DRIVE
PS03	11+22.14, 13.07' RT	20.74'	FL	ENTRY DRIVE
PS04	11+42.20, 14.56' RT	20.76'	FL, PT	ENTRY DRIVE
PS05	11+63.84, 15.00' RT	20.83'	FL, PC	ENTRY DRIVE

PARKING LOT				
POINT #	STATION/OFFSET	ELEV.	DESCRIPTION	ALIGNMENT
PS06	12+35.68, 14.99' RT	20.62'	FL, GB	ENTRY DRIVE
PS07	13+07.54, 15.00' RT	20.43'	FL, PT	ENTRY DRIVE
PS08	13+75.28, 15.00' RT	20.60'	FL, PC	ENTRY DRIVE
PS09	13+86.39, 31.53' RT	20.66'	EOP, PT	ENTRY DRIVE
PS10	13+86.32, 31.72' RT	20.66'	EOP, AP	ENTRY DRIVE
PS11	13+71.98, 43.50' RT	20.75'	EOP, END	ENTRY DRIVE
PS12	13+94.51, 49.93' RT	20.86'	EOP, BEGIN	ENTRY DRIVE
PS13	13+98.56, 41.42' RT	20.81'	EOP, AP	ENTRY DRIVE
PS14	14+05.10, 25.37' RT	20.72'	EOP, PC	ENTRY DRIVE
PS15	14+23.49, 12.92' RT	20.61'	EOP, PRC	ENTRY DRIVE
PS16	14+53.68, 11.99' RT	20.72'	EOP, GB	ENTRY DRIVE
PS17	14+83.68, 11.07' RT	20.83'	EOP, PT	ENTRY DRIVE
PS18	15+23.23, 11.00' RT	20.93'	EOP, PC	ENTRY DRIVE
PS19	16+25.33, 11.00' RT	21.18'	EOP, GB	ENTRY DRIVE
PS20	17+27.44, 11.00' RT	21.43'	EOP, PT	ENTRY DRIVE
PS21	17+70.62, 11.00' RT	21.54'	EOP, PC	ENTRY DRIVE
PS22	17+89.83, 20.00' RT	21.17'	EOP, END, PT	ENTRY DRIVE

CURB RAMPS				
POINT #	STATION/OFFSET	ELEV.	DESCRIPTION	ALIGNMENT
RA1	11+08.20, 12.23' LT	20.73'	FL	ENTRY DRIVE
RA2	11+17.76, 13.76' LT	20.67'	FL	ENTRY DRIVE
RA3	11+23.38, 16.24' LT	21.12'	TBC	ENTRY DRIVE
RA4	11+21.45, 21.84' LT	21.06'	SIDEWALK	ENTRY DRIVE
RA5	11+16.36, 20.08' LT	20.78'	SIDEWALK	ENTRY DRIVE
RA6	11+07.69, 18.71' LT	20.63'	SIDEWALK	ENTRY DRIVE
RB1	13+55.69, 124.52' LT	19.69'	TBC	ENTRY DRIVE
RB2	13+60.69, 124.02' LT	19.22'	FL	ENTRY DRIVE
RB3	13+66.69, 124.02' LT	19.25'	FL	ENTRY DRIVE
RB4	13+71.69, 124.52' LT	19.75'	TBC	ENTRY DRIVE
RB5	13+66.69, 130.52' LT	19.57'	SIDEWALK	ENTRY DRIVE
RB6	13+60.69, 130.52' LT	19.59'	SIDEWALK	ENTRY DRIVE

TRAIL & BOARDWALK				
POINT #	STATION/OFFSET	ELEV.	DESCRIPTION	ALIGNMENT
BW01	100+15.37, 35.03' LT	20.55'	AP	BOARDWALK
BW02	100+15.00, 15.03' LT	20.64'	AP	BOARDWALK
BW03	100+05.00, 5.03' LT	20.54'	AP	BOARDWALK
BW04	100+05.00, 4.99' RT	20.59'	AP	BOARDWALK
BW05	100+15.00, 14.99' RT	20.79'	AP	BOARDWALK
BW06	100+15.00, 34.99' RT	20.89'	AP	BOARDWALK
BW07	100+24.62, 35.03' LT	20.69'	AP	BOARDWALK
BW08	100+25.00, 5.03' LT	20.84'	AP	BOARDWALK
BW09	100+30.00, 5.00' LT	20.87'	PC	BOARDWALK
BW10	101+09.77, 5.00' LT	21.17'	PT	BOARDWALK
BW11	101+13.25, 20.66' LT	21.01'	AP	BOARDWALK
BW12	101+26.41, 15.89' LT	21.07'	PC	BOARDWALK
BW13	101+26.00, 16.32' RT	21.54'	PT	BOARDWALK
BW14	101+12.72, 20.75' RT	21.48'	AP	BOARDWALK
BW15	101+09.67, 5.00' RT	21.32'	PC	BOARDWALK
BW16	100+30.00, 5.00' RT	20.92'	PT	BOARDWALK
BW17	100+25.00, 5.00' RT	20.89'	AP	BOARDWALK
BW18	100+25.00, 34.99' RT	21.04'	AP	BOARDWALK
TL01	50+22.22, 3.10' LT	19.45'	BEGIN, PC	TRAIL
TL02	50+33.64, 3.10' LT	19.51'	PRC	TRAIL

TRAIL & BOARDWALK				
POINT #	STATION/OFFSET	ELEV.	DESCRIPTION	ALIGNMENT
TL03	51+21.15, 3.10' LT	19.95'	PT	TRAIL
TL04	51+49.65, 3.10' LT	20.09'	PC	TRAIL
TL05	51+74.00, 3.49' LT	20.22'	PT	TRAIL
TL06	52+08.64, 3.51' LT	20.40'	AP	TRAIL
TL07	52+26.26, 4.15' LT	20.49'	AP	TRAIL
TL08	53+63.68, 3.78' LT	21.18'	PC	TRAIL
TL09	54+17.75, 4.00' LT	21.36'	PT	TRAIL
TL10	54+27.48, 5.23' LT	21.34'	PC	TRAIL
TL11	54+36.70, 18.00' LT	21.49'	PT	TRAIL
TL12	54+40.60, 16.23' LT	21.43'	AP	TRAIL
TL13	54+40.39, 13.74' LT	21.40'	PC	TRAIL
TL14	54+46.03, 3.72' LT	21.20'	PT	TRAIL
TL15	54+52.37, 3.64' LT	21.14'	PC	TRAIL
TL16	54+63.37, 6.59' LT	21.08'	PRC	TRAIL
TL17	54+73.53, 7.33' LT	21.00'	PT	TRAIL
TL18	54+76.13, 5.48' LT	20.94'	END	TRAIL
TR01	50+22.22, 3.10' RT	19.36'	BEGIN, PC	TRAIL
TR02	50+33.46, 3.10' RT	19.42'	PRC	TRAIL
TR03	51+21.76, 3.10' RT	19.86'	PT	TRAIL
TR04	51+52.66, 3.11' RT	20.02'	PC	TRAIL

TRAIL & BOARDWALK				
POINT #	STATION/OFFSET	ELEV.	DESCRIPTION	ALIGNMENT
TR05	51+78.79, 3.45' RT	20.14'	PT	TRAIL
TR06	52+08.29, 3.00' RT	20.30'	AP	TRAIL
TR07	52+30.87, 4.01' RT	20.39'	AP	TRAIL
TR08	53+61.91, 4.99' RT	21.03'	PC	TRAIL
TR09	54+25.47, 3.90' RT	21.22'	PCC	TRAIL
TR10	54+47.84, 3.65' RT	21.08'	PRC	TRAIL
TR11	54+63.18, 5.14' RT	20.91'	PT	TRAIL
TR12	54+68.34, 5.48' RT	20.85'	END	TRAIL
TR13	54+38.10, 27.53' LT	21.43'	PC	TRAIL
TR14	54+38.14, 53.44' LT	21.29'	PRC	TRAIL
TR15	54+38.12, 78.53' LT	21.15'	AP	TRAIL
TR16	54+39.72, 76.89' LT	21.16'	AP	TRAIL
TR17	54+39.67, 75.31' LT	21.17'	PC	TRAIL
TR18	54+40.10, 55.10' LT	21.26'	PRC	TRAIL
TR19	54+41.22, 26.12' LT	21.39'	PT	TRAIL

COVERED PARKING				
POINT #	NORTHING	EASTING	ELEV.	DESCRIPTION
CA1	366561.21	741660.41	20.73'	AP
CA2	366538.06	741616.08	20.18'	AP
CA3	366556.04	741606.04	19.92'	AP
CA4	366580.41	741649.70	20.61'	AP

CONCRETE PAD FOR FUTURE RESTROOM PARKING				
POINT #	NORTHING	EASTING	ELEV.	DESCRIPTION
CB1	366777.74	741504.81	19.62'	AP
CB2	366773.24	741485.33	19.80'	AP
CB3	366802.56	741478.54	19.80'	AP
CB4	366807.07	741498.03	19.92'	AP

CAD NO. K:\PROJECT\33400\33427\CADD\ACAD\Dwg\C-GRADE.dwg

NO.	REVISIONS	INT.	APP.	DATE

ACTION	BY	DATE
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CHECKED (FIELD)		
CHECKED (HDQTS.)		

KEVIN C. KRAYBERG, STATE OF WASHINGTON, 39870, REGISTERED PROFESSIONAL ENGINEER

PROJECT ENGINEER

WASHINGTON STATE PARKS AND RECREATION COMMISSION

CAPE DISAPPOINTMENT STATE PARK

WELCOME CENTER AND ENTRANCE IMPROVEMENTS

GRADING DETAILS

C3.5

SCALE 0 20' 40'

PARKS FILE#

Plotted: Feb 02, 2024 – 9:02am eva.ho K:\PROJECT\33400\33427\CADD\ACAD\Dwg\C-GRADE.dwg Layout Name: C3.5

SIDEWALK				
POINT #	NORTHING	EASTING	ELEV.	DESCRIPTION
SW01	366595.97	741448.41	20.70'	PC
SW02	366609.74	741452.65	20.35'	GB
SW03	366621.19	741461.24	20.32'	PT
SW04	366633.85	741475.13	20.22'	PC
SW05	366642.28	741492.44	20.07'	PC
SW06	366641.74	741477.50	20.01'	PRC
SW07	366650.98	741481.91	19.68'	PRC
SW08	366656.79	741486.43	19.46'	PRC
SW09	366674.57	741493.96	18.92'	GB
SW10	366687.54	741508.26	19.02'	PT
SW11	366690.34	741513.15	19.07'	PC
SW12	366693.96	741523.49	19.20'	PRC
SW13	366697.58	741533.82	19.29'	PT
SW14	366706.10	741548.69	19.37'	PC
SW15	366710.79	741554.85	19.40'	PRC
SW16	366715.47	741561.02	19.42'	PT
SW17	366725.96	741579.31	19.52'	PC
SW18	366733.61	741585.86	19.51'	GB
SW19	366743.68	741586.09	19.40'	PT
SW20	366748.10	741584.63	19.35'	PC

SIDEWALK				
POINT #	NORTHING	EASTING	ELEV.	DESCRIPTION
SW21	366761.74	741567.31	19.41'	PT
SW22	366764.29	741536.81	19.57'	PC
SW23	366777.02	741522.11	19.69'	PT
SW24	366781.50	741521.07	19.71'	AP
SW25	366782.97	741527.40	19.77'	AP
SW26	366778.48	741528.44	19.75'	PC
SW27	366770.77	741537.35	19.65'	PT
SW28	366767.67	741574.43	19.41'	PC
SW29	366771.38	741585.61	19.44'	PT
SW30	366770.31	741593.39	19.35'	PC
SW31	366755.37	741590.12	19.47'	PT
SW32	366747.10	741592.86	19.53'	PC
SW33	366768.19	741591.75	19.34'	GB
SW34	366764.07	741597.63	19.25'	GB
SW35	366745.79	741602.81	19.40'	GB
SW36	366739.59	741600.14	19.49'	GB
SW37	366739.21	741607.10	19.62'	PRC
SW38	366736.71	741616.40	19.82'	PRC
SW39	366729.76	741632.90	20.27'	GB
SW40	366735.63	741649.82	20.72'	PRC

SIDEWALK				
POINT #	NORTHING	EASTING	ELEV.	DESCRIPTION
SW41	366741.46	741667.39	21.10'	GB
SW42	366733.60	741684.16	21.48'	PRC
SW43	366729.96	741694.83	21.83'	GB
SW44	366736.78	741703.81	21.96'	PT
SW45	366755.02	741712.22	21.92'	AP
SW46	366744.97	741734.02	21.93'	AP
SW47	366720.66	741700.77	22.00'	AP
SW48	366712.28	741718.93	22.00'	AP
SW49	366719.53	741722.31	22.08'	AP
SW50	366714.51	741733.20	21.89'	AP
SW51	366709.74	741731.18	21.80'	PC
SW52	366694.09	741733.06	21.48'	PT

Plotted: Feb 02, 2024 - 9:03am eva.ho K:\PROJECT\33400\33427\CADD\ACAD\Dwg\C-GRADE.dwg Layout Name: C3.6

CAD NO. K:\PROJECT\33400\33427\CADD\ACAD\Dwg\C-GRADE.dwg

NO.	REVISIONS	INT.	APP.	DATE

ACTION	BY	DATE
DESIGNED		
DRAWN		
CHECKED (FIELD)		
CHECKED (HDQTS.)		

KEVIN C. KRAXBERGER
STATE OF WASHINGTON
39870
REGISTERED
PROFESSIONAL ENGINEER
1/31/24

PROJECT ENGINEER

WASHINGTON STATE PARKS AND RECREATION COMMISSION

CAPE DISAPPOINTMENT STATE PARK

WELCOME CENTER AND ENTRANCE IMPROVEMENTS

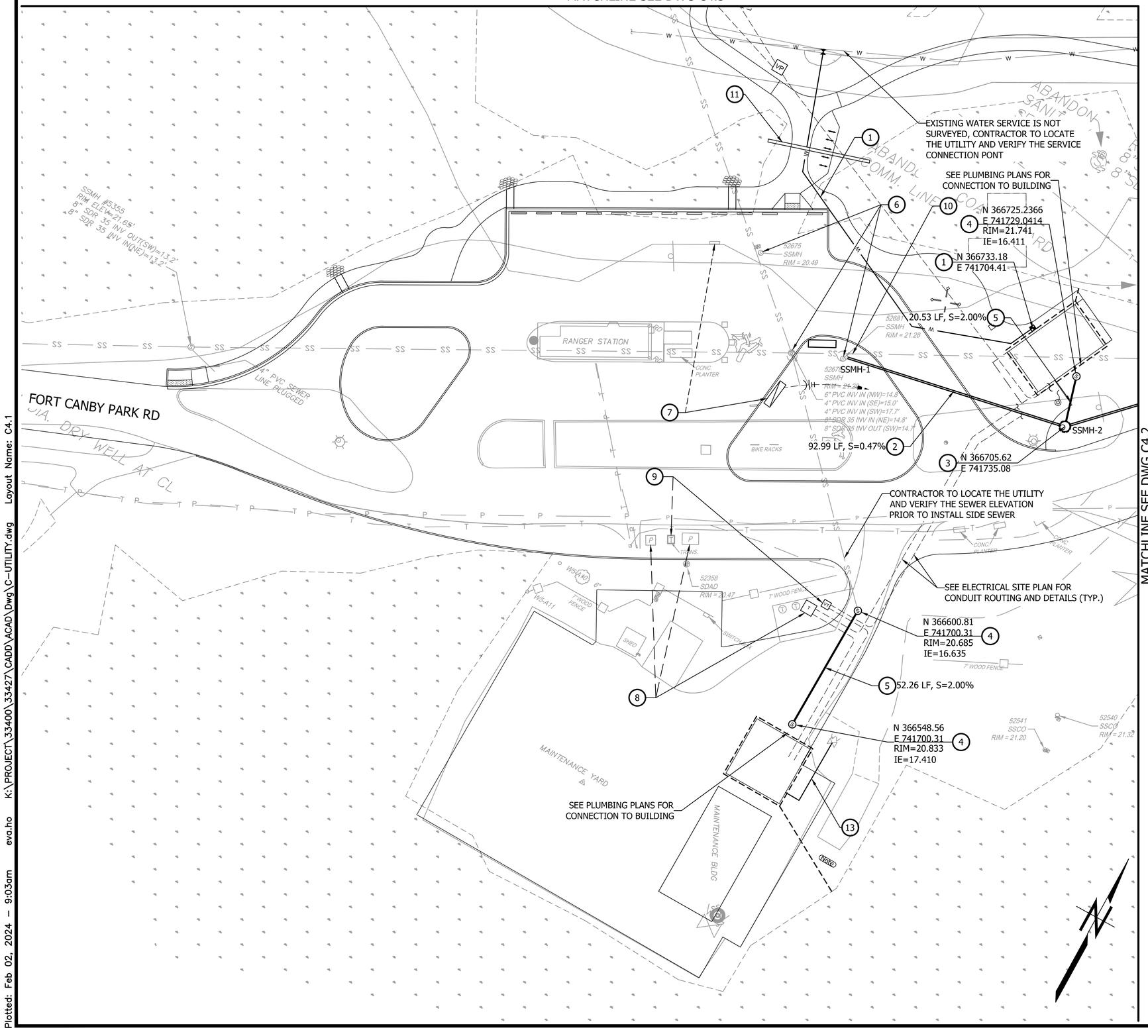
GRADING DETAILS

C3.6

SCALE
0 20' 40'

PARKS FILE#

MATCHLINE SEE DWG C4.3



MATCHLINE SEE DWG C4.2

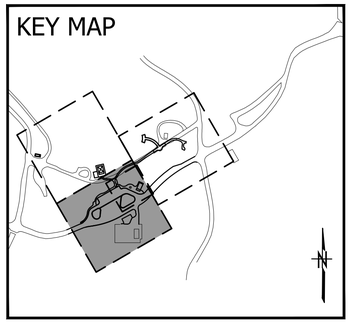
NOTES:

1. PROVIDE WATER SERVICE CONNECTION 1" DIAM. WITH WATER METER.
2. PROVIDE 8" PVC SDR35 SEWER PIPE. SEE SHEET C4.4 FOR PROFILES.
3. PROVIDE 48" DIAM. TYPE 1 SEWER MANHOLE PER WSDOT STD PLAN B-15.20-01.
4. PROVIDE SEWER CLEANOUT PER DETAIL ON SHEET C4.4.
5. PROVIDE 4" PVC SIDE SEWER.
6. ADJUST EXIST. MANHOLE TO FINISHED GRADE.
7. RELOCATE EXIST. SEWER LIFT STATION CONTROL PANEL. SEE ELECTRICAL SITE PLAN FOR DETAILS.
8. REMOVE EXIST. POWER VAULT/TRANSFORMER. SEE ELECTRICAL SITE PLAN FOR NEW LOCATION AND DETAILS.
9. REMOVE EXIST. TELEPHONE VAULT/PEDESTAL. SEE ELECTRICAL SITE PLAN FOR NEW LOCATION AND DETAILS.
10. CONNECT NEW PIPE TO EXISTING SEWER MANHOLE, PLUG AND ABANDON EXISTING PIPE AS INDICATED ON PLAN.
11. PROPOSED STORM PIPE. SEE GRADING AND DRAINAGE PLANS FOR DETAILS.
12. RELOCATED DUMPSTER/TRASH COMPACTOR. SEE ELECTRICAL SITE PLAN FOR ELECTRICAL SERVICE DETAILS.
13. PROVIDE WATER SERVICE CONNECTION 1" DIAM. FROM BUILDING TO EXISTING VALVE.

GENERAL NOTES:

1. CONTRACTOR TO VERIFY EXISTING UTILITY LOCATION AND ELEVATION INFORMATION PRIOR TO CONSTRUCTION. NOTIFY THE ENGINEER IF UTILITY CONFLICT PRESENTS OR UTILITY CONNECTION CANNOT BE MADE.

KEY MAP



SHEET 37 OF 114

CAD NO. K:\PROJECT\33400\33427\CADD\ACAD\Dwg\C-UTILITY.dwg

REVISIONS	DATE	APP.	INT.

ACTION	BY	DATE
DESIGNED		
DRAWN		
CHECKED (FIELD)		
CHECKED (HDQTS.)		

KEVIN C. KRAXBERGER — STATE OF WASHINGTON — 39870 — REGISTERED PROFESSIONAL ENGINEER — 1/31/24

PROJECT ENGINEER

WASHINGTON STATE PARKS AND RECREATION COMMISSION

CAPE DISAPPOINTMENT STATE PARK

WELCOME CENTER AND ENTRANCE IMPROVEMENTS

UTILITY PLAN

C4.1

SCALE 20' 0 40'

PARKS FILE#

Plotted: Feb 02, 2024 – 9:03am evo.ho K:\PROJECT\33400\33427\CADD\ACAD\Dwg\C-UTILITY.dwg Layout Name: C4.1

MATCHLINE SEE DWG C4.3

MATCHLINE SEE DWG C4.1

WATER WASH

ABANDON SANITARY SEWER MANHOLE

TELEPHONE BOOTH

12" WOOD POST (TYP)

TELEPHONE SPLICE BOX

LARGE WOOD POST AND 6" LINK CHAIN

FORT CANBY STATE PARK SIGN

GRAVEL AREA

OLD STORE

CATCH BASIN

SS MANHOLE RIM EL.=21.1' 12"SDR35 IN(NE) INV. EL.=16.7' 8"SDR35 OUT(SW) INV. EL.=15.9'

10

2 92.44 LF, S=0.50%

SSMH-3

SS MANHOLE RIM EL.=21.4' 4"SDR35 IN(NE) INV. EL.=17.2' 8"SDR35 IN(S) INV. EL.=17.2' 8"SDR35 OUT(SW) INV. EL.=17.05'

FORT CANBY PARK RD

GRAVEL AREA

24" ALD

BLUE & WHITE FLAG R3-8

GRASS

18" CMP I.E.=15.6' CONDITION

ABOVE GROUND ELEC

TELEPHONE

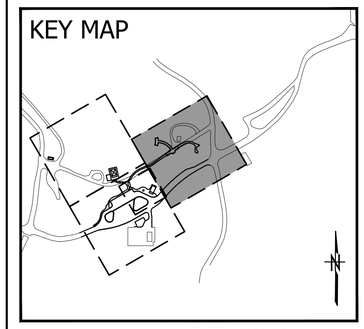
NOTES:

1. PROVIDE WATER SERVICE CONNECTION 1" DIAM. WITH WATER METER.
2. PROVIDE 8" PVC SDR35 SEWER PIPE. SEE SHEET C4.4 FOR PROFILES.
3. PROVIDE 48" DIAM. TYPE 1 SEWER MANHOLE PER WSDOT STD PLAN B-15.20-01.
4. PROVIDE SEWER CLEANOUT PER DETAIL ON SHEET C4.4.
5. PROVIDE 4" PVC SIDE SEWER.
6. ADJUST EXIST. MANHOLE TO FINISHED GRADE.
7. RELOCATE EXIST. SEWER LIFT STATION CONTROL PANEL. SEE ELECTRICAL SITE PLAN FOR DETAILS.
8. REMOVE EXIST. POWER VAULT/TRANSFORMER. SEE ELECTRICAL SITE PLAN FOR NEW LOCATION AND DETAILS.
9. REMOVE EXIST. TELEPHONE VAULT/PEDESTAL. SEE ELECTRICAL SITE PLAN FOR NEW LOCATION AND DETAILS.
10. CONNECT NEW PIPE TO EXISTING SEWER MANHOLE, PLUG AND ABANDON EXISTING PIPE AS INDICATED ON PLAN.
11. PROPOSED STORM PIPE. SEE GRADING AND DRAINAGE PLANS FOR DETAILS.
12. RELOCATED DUMPSTER/TRASH COMPACTOR. SEE ELECTRICAL SITE PLAN FOR ELECTRICAL SERVICE DETAILS.
13. PROVIDE WATER SERVICE CONNECTION 1" DIAM. FROM BUILDING TO EXISTING VALVE.

GENERAL NOTES:

1. CONTRACTOR TO VERIFY EXISTING UTILITY LOCATION AND ELEVATION INFORMATION PRIOR TO CONSTRUCTION. NOTIFY THE ENGINEER IF UTILITY CONFLICT PRESENTS OR UTILITY CONNECTION CANNOT BE MADE.

KEY MAP



SHEET 38 OF 114

CAD NO. K:\PROJECT\33400\33427\CADD\ACAD\Dwg\C-UTILITY.dwg

NO.	REVISIONS	INT.	APP.	DATE

ACTION	BY	DATE
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CHECKED (HDQTS.)		

KEVIN C. KRAXBERGER STATE OF WASHINGTON 39870 REGISTERED PROFESSIONAL ENGINEER

1/5/24

PROJECT ENGINEER

WASHINGTON STATE PARKS AND RECREATION COMMISSION

CAPE DISAPPOINTMENT STATE PARK

WELCOME CENTER AND ENTRANCE IMPROVEMENTS

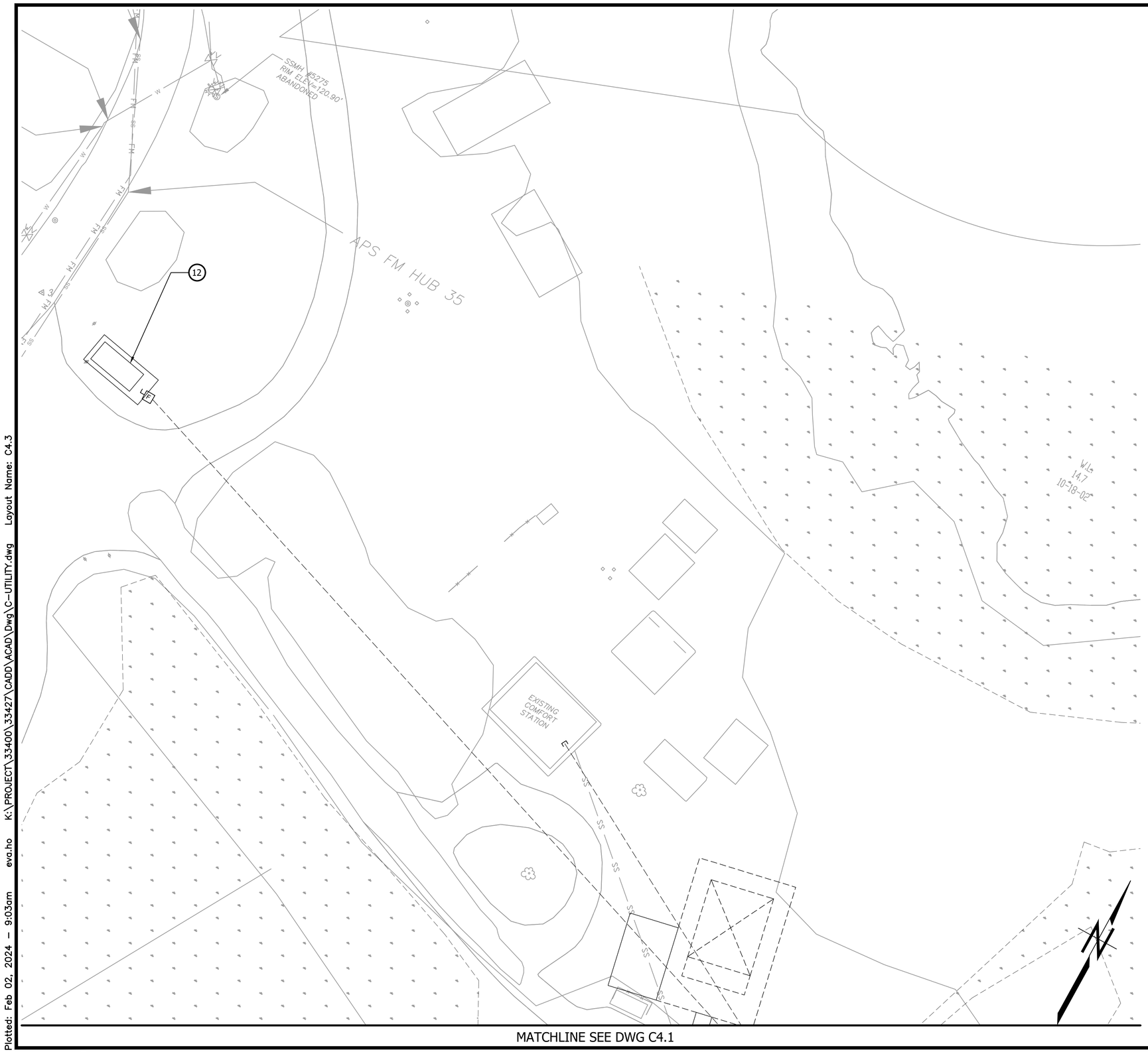
UTILITY PLAN

C4.2

SCALE 20' 0 40'

PARKS FILE#

Plotted: Feb 02, 2024 – 9:03am eva.ho K:\PROJECT\33400\33427\CADD\ACAD\Dwg\C-UTILITY.dwg Layout Name: C4.2



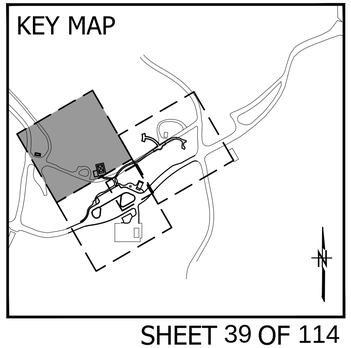
NOTES:

1. PROVIDE WATER SERVICE CONNECTION 1" DIAM. WITH WATER METER.
2. PROVIDE 8" PVC SDR35 SEWER PIPE. SEE SHEET C4.4 FOR PROFILES.
3. PROVIDE 48" DIAM. TYPE 1 SEWER MANHOLE PER WSDOT STD PLAN B-15.20-01.
4. PROVIDE SEWER CLEANOUT PER DETAIL ON SHEET C4.4.
5. PROVIDE 4" PVC SIDE SEWER.
6. ADJUST EXIST. MANHOLE TO FINISHED GRADE.
7. RELOCATE EXIST. SEWER LIFT STATION CONTROL PANEL. SEE ELECTRICAL SITE PLAN FOR DETAILS.
8. REMOVE EXIST. POWER VAULT/TRANSFORMER. SEE ELECTRICAL SITE PLAN FOR NEW LOCATION AND DETAILS.
9. REMOVE EXIST. TELEPHONE VAULT/PEDESTAL. SEE ELECTRICAL SITE PLAN FOR NEW LOCATION AND DETAILS.
10. CONNECT NEW PIPE TO EXISTING SEWER MANHOLE, PLUG AND ABANDON EXISTING PIPE AS INDICATED ON PLAN.
11. PROPOSED STORM PIPE. SEE GRADING AND DRAINAGE PLANS FOR DETAILS.
12. RELOCATED DUMPSTER/TRASH COMPACTOR. SEE ELECTRICAL SITE PLAN FOR ELECTRICAL SERVICE DETAILS.
13. PROVIDE WATER SERVICE CONNECTION 1" DIAM. FROM BUILDING TO EXISTING VALVE.

GENERAL NOTES:

1. CONTRACTOR TO VERIFY EXISTING UTILITY LOCATION AND ELEVATION INFORMATION PRIOR TO CONSTRUCTION. NOTIFY THE ENGINEER IF UTILITY CONFLICT PRESENTS OR UTILITY CONNECTION CANNOT BE MADE.

KEY MAP



SHEET 39 OF 114

CAD NO. K:\PROJECT\33400\33427\CADD\ACAD\Dwg\C-UTILITY.dwg

NO.	REVISIONS	INT.	APP.	DATE

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DESIGNED		
DRAWN		
CHECKED (FIELD)		
CHECKED (HDQTS.)		

KEVIN C. KRAXBERGER — STATE OF WASHINGTON — 39870 — REGISTERED PROFESSIONAL ENGINEER

PROJECT ENGINEER

WASHINGTON STATE PARKS AND RECREATION COMMISSION

CAPE DISAPPOINTMENT STATE PARK

WELCOME CENTER AND ENTRANCE IMPROVEMENTS

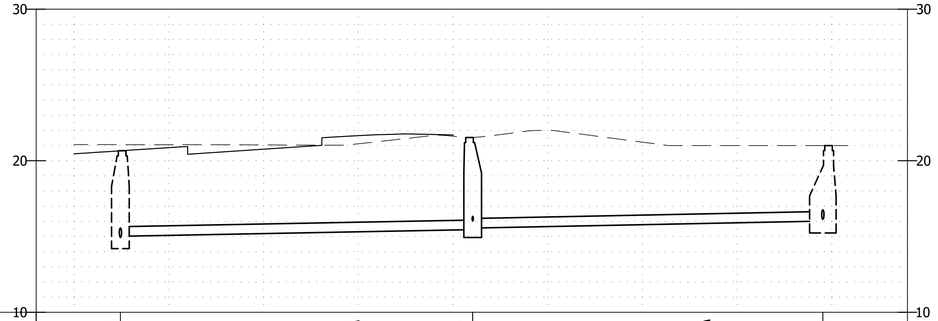
UTILITY PLAN

C4.3

SCALE 0 20' 40'

PARKS FILE#

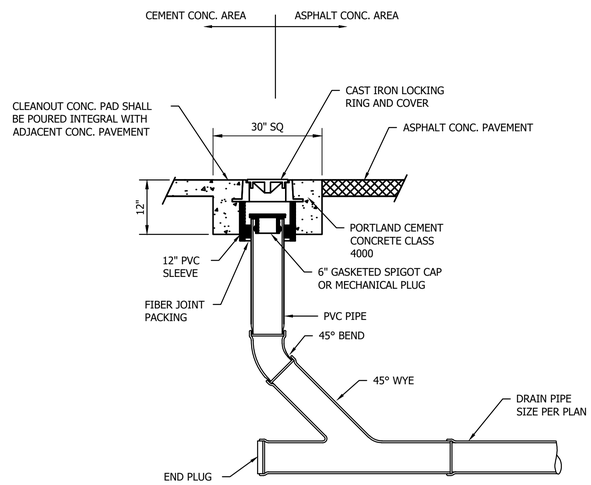
Plotted: Feb 02, 2024 – 9:03am eva.ho K:\PROJECT\33400\33427\CADD\ACAD\Dwg\C-UTILITY.dwg Layout Name: C4.3



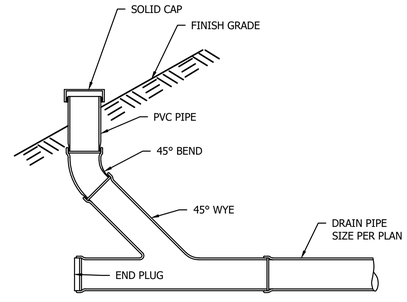
	SSMH-1		SSMH-2		SSMH-3
Pipe Data	0+12.23 20.66	S=0.47%, 92.99 LF	1+05.22 21.53	S=0.50%, 92.44 LF	1+97.66 21.00
Invert Elevations	14.90 15.00		15.44 15.54		16.00 16.10
Rim Elevations	20.66		21.53		21.00

SEWER PROFILE

NOT TO SCALE



PAVED AREA



UNPAVED AREA

SEWER CLEANOUT

NOT TO SCALE

CAD NO. K:\PROJECT\33400\33427\CADD\ACAD\Dwg\C-UTILITY DETAILS.dwg

NO.	REVISIONS	INT.	APP.	DATE

ACTION	BY	DATE
DESIGNED		
DRAWN		
CHECKED (FIELD)		
CHECKED (HDQTS.)		

KEVIN C. KRAXBERGER — STATE OF WASHINGTON — 39870 — REGISTERED PROFESSIONAL ENGINEER — 1/31/24

PROJECT ENGINEER

WASHINGTON STATE PARKS AND RECREATION COMMISSION

CAPE DISAPPOINTMENT STATE PARK

WELCOME CENTER AND ENTRANCE IMPROVEMENTS

UTILITY DETAILS

C4.4

SCALE 20' 0 40'

PARKS FILE#

Plotted: Feb 02, 2024 – 9:04am evo.ho K:\PROJECT\33400\33427\CADD\ACAD\Dwg\C-UTILITY DETAILS.dwg Layout Name: C4.4

MATCHLINE SEE DWG C5.3

MATCHLINE SEE DWG C5.2

FORT CANBY PARK RD

11+00

12+00

13+00

14+00

50+00

51+00

STA 10+27.05, 0.00' BEGIN (1)

STA 11+23.46, 16.00'L BEGIN (10)

STA 11+06.16, 0.00' END (1)

STA 12+28.40, 100.43'L END (10)

STA 13+82.92, 103.86'L BEGIN (10)

STA 14+75.35, 23.37'L END (10)

(TYP.) 8

(TYP.) 2

(TYP.) 5

(TYP.) 3

20' (TYP.)

10' (TYP.)

8'

14' (TYP.)

55.6'

59.4'

62.8'

64.6'

66'

66.5'

20'

38 LF (4)

INFORMATION KIOSK W/ PAY STATION

PLAZA

WELCOME CENTER

TRANS.

20.00'

10.00'

10.00'

20.00'

(TYP.) 2

STRIPING NOTES:

1. DOUBLE YELLOW CENTERLINE PER WSDOT STD PLAN M-20.10-04.
2. 4" WIDE WHITE PAINT LINE PER WSDOT STD PLAN M-20.10-04.
3. PLASTIC TRAFFIC ARROW PER WSDOT STD PLAN M-24.40-04.
4. PLASTIC STOP BAR PER WSDOT STD PLAN M-24.60-04.
5. PLASTIC ACCESSIBLE PARKING SPACE SYMBOL WITH BACKGROUND PER WSDOT STD PLAN M-24.60-04.
6. ACCESS AISLE STRIPING PER DETAIL ON SHEET C5.4.
7. 8" WIDE WHITE SOLID LANE LINE PER WSDOT STD PLAN M-20.10-04.
8. PRECAST CEMENT CONCRETE WHEEL STOP PER DETAIL ON SHEET C5.4.
9. PLASTIC CROSSWALK LINE PER WSDOT STD PLAN M-15.10-02.
10. PAINT FACE AND TOP OF CURB RED TO DENOTE FIRE LANE.

SIGNING NOTES:

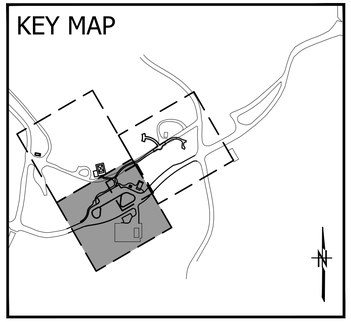
(#) RELOCATE EXISTING SIGN TO THE NEW LOCATION ON NEW POST. SEE SIGN SCHEDULE ON SHEET C5.4.

(#) INSTALL NEW SIGN. SEE SIGN SCHEDULE ON SHEET C5.4.

GENERAL NOTES:

1. SIGNS SHALL BE INSTALLED PER WSDOT STD PLAN G-24.50.
2. SEE MUTCD AND WSDOT "SIGN FABRICATION MANUAL" FOR CODE REFERENCES AND STANDARD SIGN LAYOUT DETAILS.
3. EXISTING STRIPING SHALL BE REMOVED WHERE CONFLICTS WITH PROPOSED STRIPING.
4. SALVAGE ALL EXISTING SIGNS AND STORE FOR RE-INSTALLATION.

KEY MAP



SHEET 41 OF 114

CAD NO. K:\PROJECT\33400\33427\CADD\ACAD\Dwg\C-SIGNING.dwg

	DATE	APP.	INT.	REVISIONS	NO.

ACTION	BY	DATE
DESIGNED		
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KEVIN C. KRAXBERGER — STATE OF WASHINGTON — 39870 — REGISTERED PROFESSIONAL ENGINEER

PROJECT ENGINEER

WASHINGTON STATE PARKS AND RECREATION COMMISSION

CAPE DISAPPOINTMENT STATE PARK

WELCOME CENTER AND ENTRANCE IMPROVEMENTS

SIGNING & STRIPING PLAN

C5.1

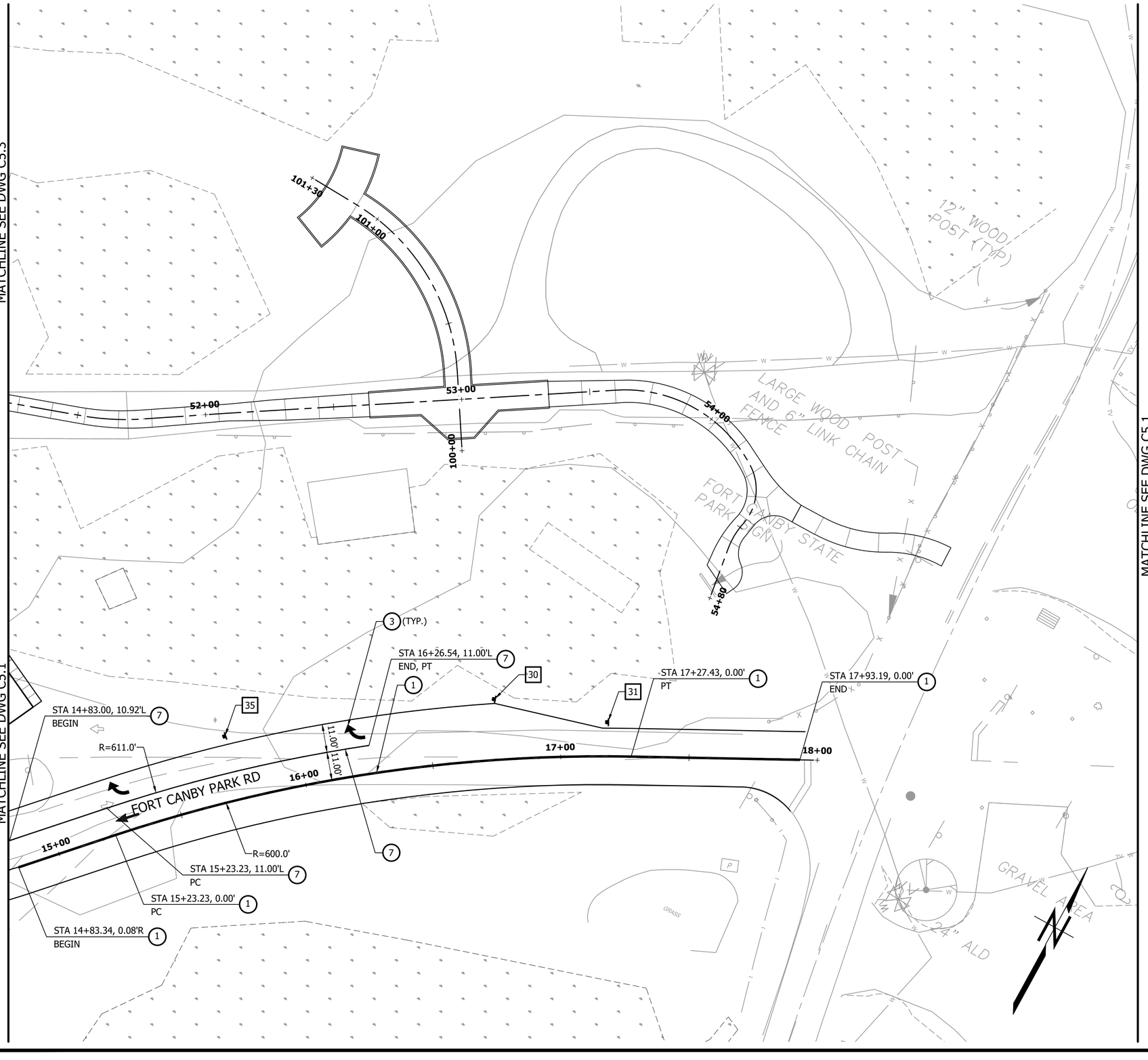
SCALE 20' 0 40

PARKS FILE#

Plotted: Feb 02, 2024 – 9:05am eva.ho K:\PROJECT\33400\33427\CADD\ACAD\Dwg\C-SIGNING.dwg Layout Name: C5.1

MATCHLINE SEE DWG C5.3

MATCHLINE SEE DWG C5.1



STRIPING NOTES:

1. DOUBLE YELLOW CENTERLINE PER WSDOT STD PLAN M-20.10-04.
2. 4" WIDE WHITE PAINT LINE PER WSDOT STD PLAN M-20.10-04.
3. PLASTIC TRAFFIC ARROW PER WSDOT STD PLAN M-24.40-04.
4. PLASTIC STOP BAR PER WSDOT STD PLAN M-24.60-04.
5. PLASTIC ACCESSIBLE PARKING SPACE SYMBOL WITH BACKGROUND PER WSDOT STD PLAN M-24.60-04.
6. ACCESS AISLE STRIPING PER DETAIL ON SHEET C5.4.
7. 8" WIDE WHITE SOLID LANE LINE PER WSDOT STD PLAN M-20.10-04.
8. PRECAST CEMENT CONCRETE WHEEL STOP PER DETAIL ON SHEET C5.4.
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10. PAINT FACE AND TOP OF CURB RED TO DENOTE FIRE LANE.

SIGNING NOTES:

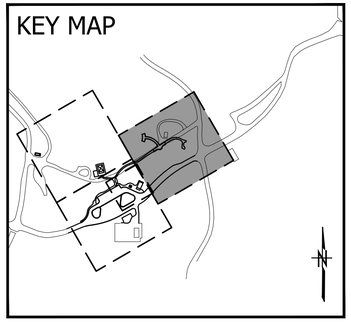
(#) RELOCATE EXISTING SIGN TO THE NEW LOCATION ON NEW POST. SEE SIGN SCHEDULE ON SHEET C5.4.

(#) INSTALL NEW SIGN. SEE SIGN SCHEDULE ON SHEET C5.4.

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KEY MAP



CAD NO. K:\PROJECT\33400\33427\CADD\ACAD\Dwg\C-SIGNING.dwg

NO.	REVISIONS	INT.	APP.	DATE

ACTION	BY	DATE
DESIGNED		
DRAWN		
CHECKED (FIELD)		
CHECKED (HDQTS.)		

KEVIN C. KRAXBERGER — STATE OF WASHINGTON — 39870 — REGISTERED PROFESSIONAL ENGINEER

2/13/24

PROJECT ENGINEER

WASHINGTON STATE PARKS AND RECREATION COMMISSION

CAPE DISAPPOINTMENT STATE PARK

WELCOME CENTER AND ENTRANCE IMPROVEMENTS

SIGNING & STRIPING PLAN

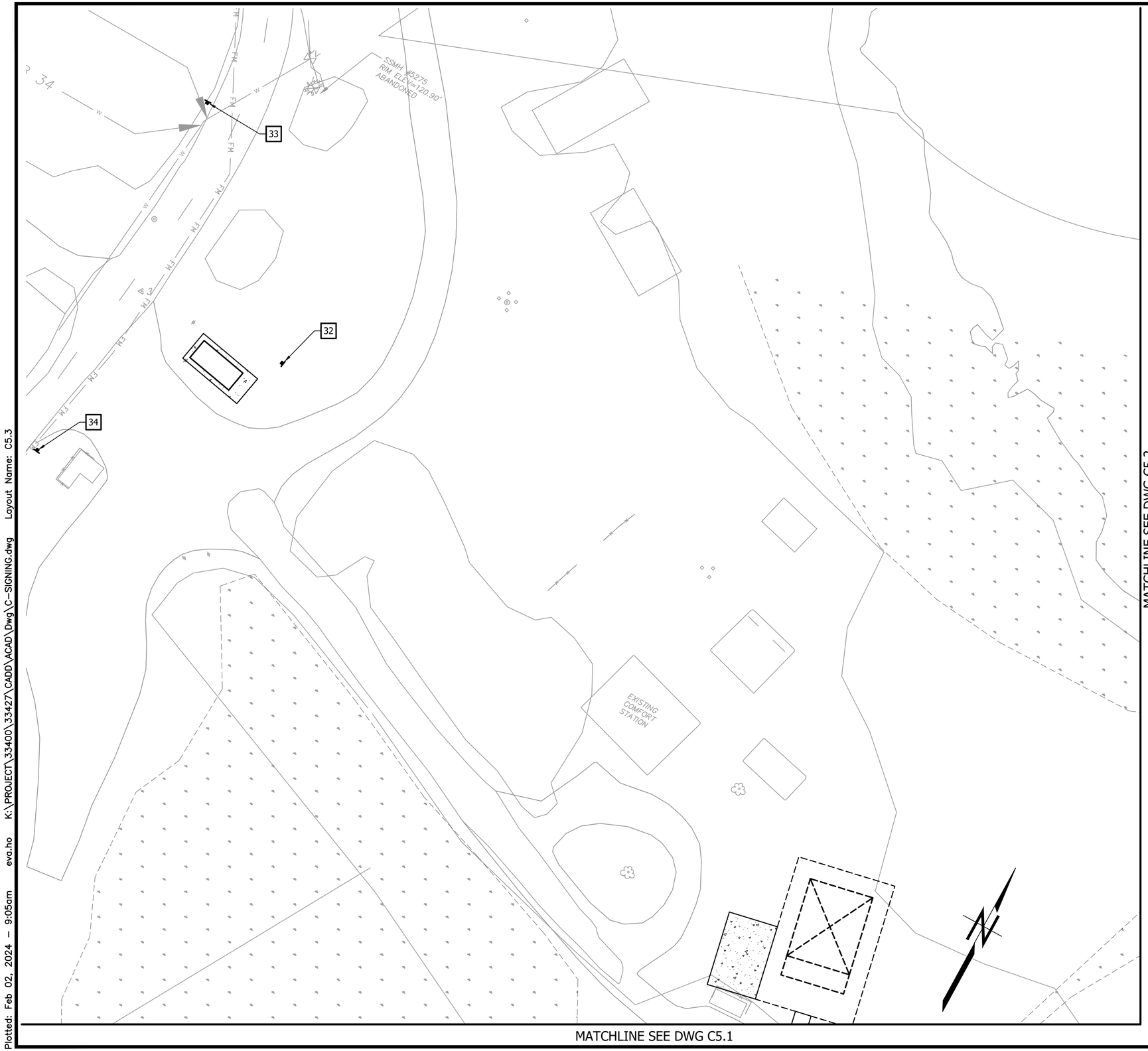
C5.2

SCALE 20' 0 40

PARKS FILE#

SHEET 42 OF 114

Plotted: Feb 02, 2024 – 9:05am eva.ho K:\PROJECT\33400\33427\CADD\ACAD\Dwg\C-SIGNING.dwg Layout Name: C5.2



STRIPING NOTES:

1. DOUBLE YELLOW CENTERLINE PER WSDOT STD PLAN M-20.10-04.
2. 4" WIDE WHITE PAINT LINE PER WSDOT STD PLAN M-20.10-04.
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4. PLASTIC STOP BAR PER WSDOT STD PLAN M-24.60-04.
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10. PAINT FACE AND TOP OF CURB RED TO DENOTE FIRE LANE.

SIGNING NOTES:

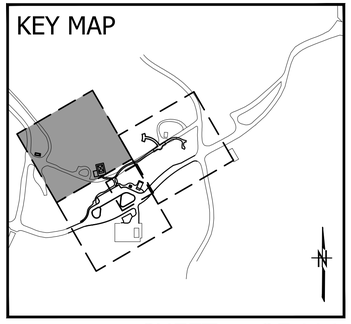
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⟨#⟩ INSTALL NEW SIGN. SEE SIGN SCHEDULE ON SHEET C5.4.

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KEY MAP



SHEET 43 OF 114

CAD NO. K:\PROJECT\33400\33427\CADD\ACAD\Dwg\C-SIGNING.dwg

REVISIONS	NO.	DATE	APP.	INT.

ACTION	BY	DATE
DESIGNED		
DRAWN		
CHECKED (FIELD)		
CHECKED (HDQTS.)		

KEVIN C. KRAXBERGER
STATE OF WASHINGTON
39870
REGISTERED
PROFESSIONAL ENGINEER
1/31/24

PROJECT ENGINEER

WASHINGTON STATE PARKS AND RECREATION COMMISSION

CAPE DISAPPOINTMENT STATE PARK

WELCOME CENTER AND ENTRANCE IMPROVEMENTS

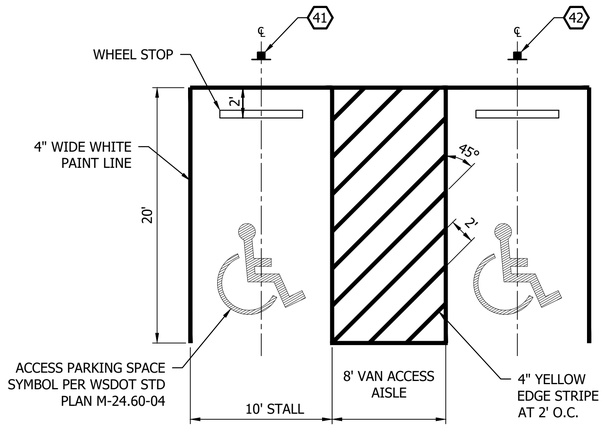
SIGNING & STRIPING PLAN

C5.3

SCALE 20' 0 40

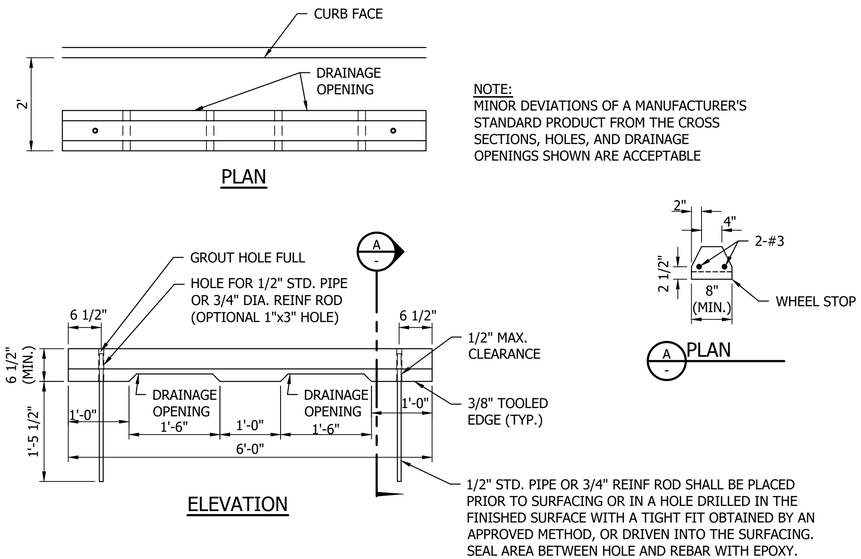
PARKS FILE#

Plotted: Feb 02, 2024 – 9:05am eva.ho K:\PROJECT\33400\33427\CADD\ACAD\Dwg\C-SIGNING.dwg Layout Name: C5.3



ADA ACCESSIBLE PARKING STALL

NOT TO SCALE



PRECAST CEMENT CONCRETE WHEEL STOP

NOT TO SCALE

RELOCATED SIGNS			
SIGN NO.	NORTHING	EASTING	SIGN TYPE
21	366524.5293	741372.8304	NO CAMPFIRES SYMBOL
22	366636.4561	741495.9534	NO PARKING FIRE LANE
23	366704.9898	741544.2320	OFFICE PARKING *REGISTRATION *PASSES *PERMITS *INFORMATION
24	366770.1812	741581.0224	CONFLUENCE PROJECT
25	366705.7993	741682.6391	NO PARKING FIRE LANE
26	366725.1134	741689.7484	PAY HERE
27	366738.1166	741702.1815	STAFF ONLY
28	366650.9256	741679.8017	DISCOVER PASS REQUIRED, FEE AREA $10/DAY $30/YEAR
29	366600.8899	741692.2597	AUTHORIZED VEHICLES ONLY, DO NOT BLOCK DRIVEWAY
30	366833.7914	741886.3388	REGISTRATION INFORMATION (RIGHT ARROW) THRU TRAFFIC (STRAIGHT)
31	366848.0993	741929.0308	PARK HOURS 6:30 AM - DUSK
32	366902.7058	741215.3192	GARBAGE PARKING ONLY PLEASE PULL FORWARD
33	366977.5917	741137.7151	GARBAGE DISPOSAL STATION WITH LEFT ARROW
34	366824.0499	741148.2522	GARBAGE DISPOSAL STATION WITH RIGHT ARROW
35	366768.7203	741802.5911	SPEED LIMIT 15

NEW SIGNS			
SIGN NO.	NORTHING	EASTING	SIGN TYPE
41	366723.0130	741589.2917	RESERVED PARKING SIGN (R7-801 & R7-801A)
42	366731.9629	741604.9041	RESERVED PARKING SIGN (R7-801)
43	366565.6151	741443.1675	STOP SIGN (R1-1)
44	366514.9979	741422.5785	STOP HERE FOR PEDS (R1-5b)
45	366521.8185	741447.4646	NO LEFT TURN SIGN (R3-2)
46	366567.2363	741500.7321	NO RIGHT TURN SIGN (R3-1)
47	366569.9256	741485.9937	DO NOT ENTER SIGN (R5-1)

SIGN SCHEDULE

CAD NO. K:\PROJECT\33400\33427\CADD\ACAD\Dwg\C-SIGNING DETAILS.dwg

REVISIONS	NO.	INT.	APP.	DATE

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DRAWN		
CHECKED (FIELD)		
CHECKED (HDQTS.)		

KEVIN C. KRAXBERGER — STATE OF WASHINGTON — 39870 — REGISTERED PROFESSIONAL ENGINEER

PROJECT ENGINEER

WASHINGTON STATE PARKS AND RECREATION COMMISSION

CAPE DISAPPOINTMENT STATE PARK

WELCOME CENTER AND ENTRANCE IMPROVEMENTS

SIGNING & STRIPING DETAILS

C5.4

SCALE

PARKS FILE#

Plotted: Feb 02, 2024 – 9:05am evo.ho K:\PROJECT\33400\33427\CADD\ACAD\Dwg\C-SIGNING DETAILS.dwg Layout Name: C5.4

MATCHLINE SEE DWG L1.3



MATCHLINE SEE DWG L1.2

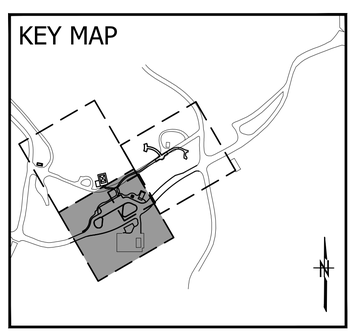
PLANTING RESTORATION NOTES

1. PLANTING UNDER EXISTING TREE CANOPY WITHIN DRIP LINE, PER DETAIL ON SHEET L2.1
2. PLANTING SOIL PREPARATION AT CREATED WETLANDS, PER DETAIL ON L2.0
3. SEED MIX SOIL PREPARATION, PER DETAIL ON L2.0
4. WETLAND ENHANCEMENT PLANTING, PER DETAIL ON L2.1
5. TYPICAL WETLAND PLANTING LAYOUT, PER DETAIL ON L2.2

LEGEND:

- WETLAND CREATION
- NATIVE BUFFER MEADOW SEED MIX
- HERBACEOUS PERENNIAL GROUNDCOVER
- WETLAND ENHANCEMENT
- EXISTING WETLAND TO REMAIN
- PINUS CONTORTA/SHORE PINE
- AMELANCHIER ALNIFOLIA / SERVICEBERRY
- MAHONIA AQUIFOLIUM / OREGON GRAPE
- ROSA NUTKANA / NOOTKA ROSE
- SOLIDAGO CANADENSIS/ GOLDENROD
- TYPE 3 LANDSCAPE BOULDER: 28" TO 36"
- SALVAGED DRIFTWOOD
- EXISTING TREES TO REMAIN

KEY MAP



SHEET 45 OF 114

CAD NO. K:\PROJECT\33400\33427\CADD\ACAD\Dwg\L-PLANTING PLAN.dwg

NO.	REVISIONS	INT.	APP.	DATE

ACTION	BY	DATE
DESIGNED		
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CHECKED (HDQTS.)		

STATE OF WASHINGTON
BENJAMIN JAY SCHNEIDER
LICENSED LANDSCAPE ARCHITECT
1/31/2024
PROJECT ENGINEER

WASHINGTON STATE PARKS AND RECREATION COMMISSION

CAPE DISAPPOINTMENT STATE PARK

WELCOME CENTER AND ENTRANCE IMPROVEMENTS

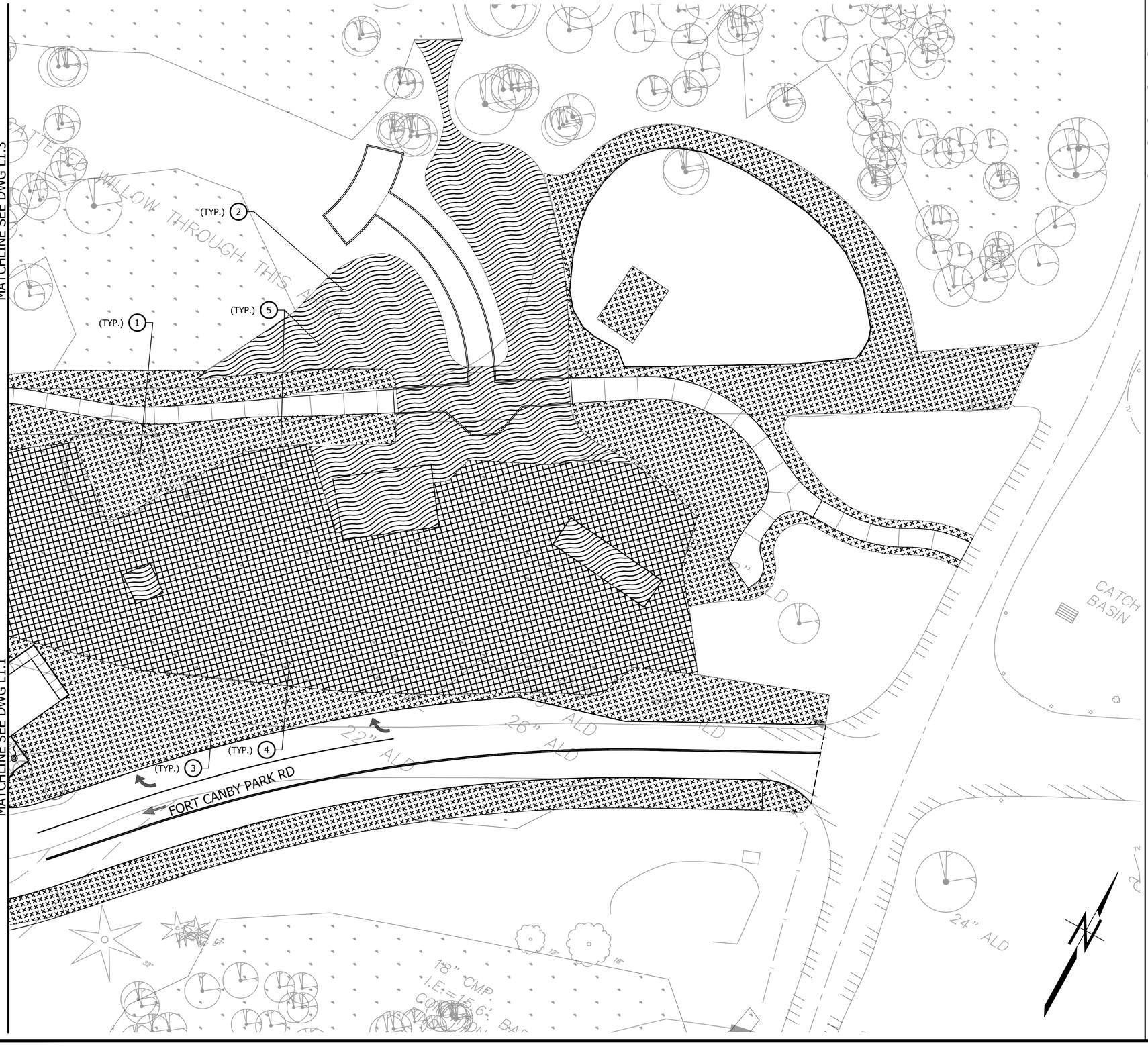
RESTORATION PLAN

L1.1

SCALE
20'
0 40'

PARKS FILE#

Plotted: Feb 02, 2024 – 9:44am ben.schneider K:\PROJECT\33400\33427\CADD\ACAD\Dwg\L-PLANTING PLAN.dwg Layout Name: L1.1



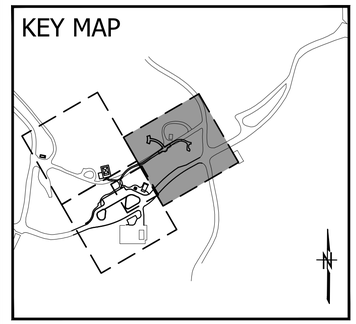
PLANTING RESTORATION NOTES

1. PLANTING UNDER EXISTING TREE CANOPY WITHIN DRIP LINE, PER DETAIL ON SHEET L2.1
2. PLANTING SOIL PREPARATION AT CREATED WETLANDS, PER DETAIL ON L2.0
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- TYPE 3 LANDSCAPE BOULDER: 28" TO 36"
- SALVAGED DRIFTWOOD
- EXISTING TREES TO REMAIN

KEY MAP



SHEET 46 OF 114

CAD NO. K:\PROJECT\33400\33427\CADD\ACAD\Dwg\L-PLANTING PLAN.dwg

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STATE OF WASHINGTON
BENJAMIN JAY SCHNEIDER
LICENSED LANDSCAPE ARCHITECT
1/31/2024
PROJECT ENGINEER

WASHINGTON STATE PARKS AND RECREATION COMMISSION

CAPE DISAPPOINTMENT STATE PARK

WELCOME CENTER AND ENTRANCE IMPROVEMENTS

RESTORATION PLAN

L1.2

SCALE 20' 0 40'

PARKS FILE#

Plotted: Feb 02, 2024 – 9:44am ben.schneider K:\PROJECT\33400\33427\CADD\ACAD\Dwg\L-PLANTING PLAN.dwg Layout Name: L1.2



Wetland Area Impacts and Mitigation

Impacted Wetland Area by Category	Permanent Impacts[1] Area (Square Feet)	Mitigation Type [2]	Proposed Mitigation Area (Square Feet)[3]	Mitigation Ratio (R/C and E))[4]	Total Mitigation Credits[5] (Square Feet)
Category II	1370	C/R	19,212	1:1	19,212
Category III	977	E	25,932	8:1	3,242
Total	**2,370**			-	

[1]Land disturbing activities that convert wetland to upland are considered permanent impacts.
[2]Creation and Re-establishment (C/R), Enhancement (E)
[3]Proposed mitigation is not separated by wetland category.
[4]Mitigation ratio for Category II wetlands per Ordinance 180 (Table 4-2).
[5] Mitigation credits must meet or exceed the total impacts to the wetland areas for both C/R and E respectively.

Wetland Buffer Impacts and Mitigation

Impacted Wetland Buffer		Mitigation Totals			
Impact Type[1]	**Area (Square Feet)**	**Mitigation Type**	**Area (Square Feet)**	**Mitigation Ratio[2]**	**Mitigation Credits[3]**
Temporary Buffer Impacts	23,321	Restoration (Buffer)	35,075	1:1	35,075
Permanent Buffer Impacts	18,974				
Total	**42,295**			**Total**	**35,295**

[1]Temporary Buffer Impacts can be restored within 12-months of disturbance whereas Permanent Buffer Impacts account for areas that will no longer support vegetation.
[2] Ratio for buffer impacts is 1:1 due to a low-functioning existing buffer.
[3] Mitigation credits are calculated by applying the mitigation ratio to the total area of buffer restoration.

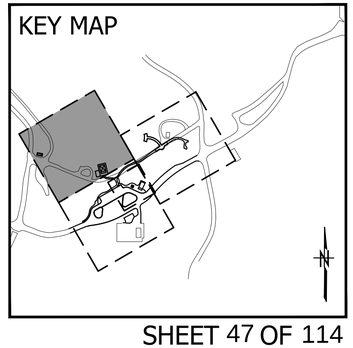
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- SALVAGED DRIFTWOOD
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KEY MAP



SHEET 47 OF 114

CAD NO. K:\PROJECT\33400\33427\CADD\ACAD\Dwg\L-PLANTING PLAN.dwg

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STATE OF WASHINGTON · BENJAMIN JAY SCHNEIDER · 24061 · REGISTERED LANDSCAPE ARCHITECT

1/31/2024
PROJECT ENGINEER

WASHINGTON STATE PARKS AND RECREATION COMMISSION

CAPE DISAPPOINTMENT STATE PARK

WELCOME CENTER AND ENTRANCE IMPROVEMENTS

RESTORATION PLAN

L1.3

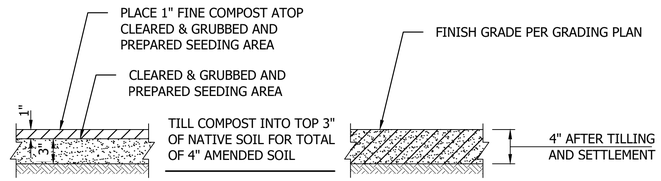
SCALE 20' 0 40'

PARKS FILE#

Plotted: Feb 02, 2024 – 9:44am ben.schneider K:\PROJECT\33400\33427\CADD\ACAD\Dwg\L-PLANTING PLAN.dwg Layout Name: L1.3

PLANTING SCHEDULE

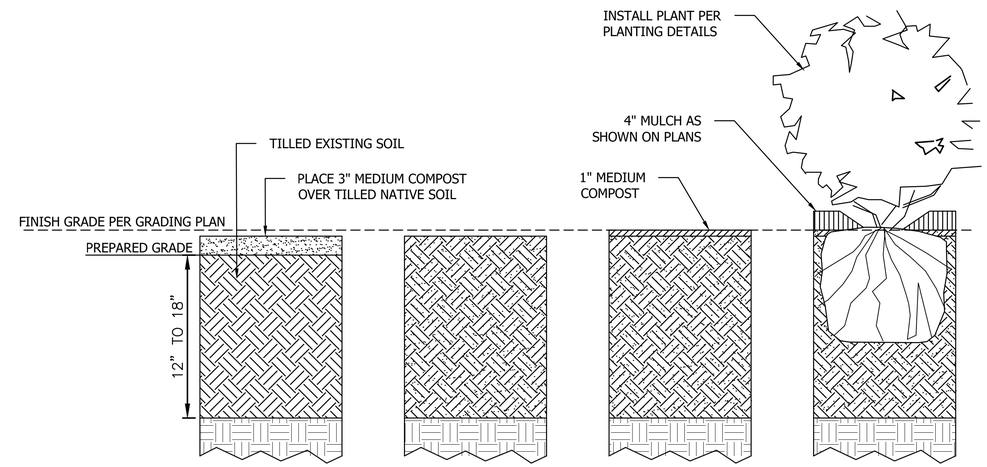
SYMBOL	QTY	BOTANICAL / COMMON NAME	CONT	SPACING
TREES				
	3	PINUS CONTORTA / SHORE PINE	25 GAL	
SHRUBS				
	7	AMELANCHIER ALNIFOLIA / SERVICEBERRY	3 GAL	120" o.c.
	68	MAHONIA AQUIFOLIUM / OREGON GRAPE	3 GAL	36" o.c.
	61	ROSA NUTKANA / NOOTKA ROSE	3 GAL	36" o.c.
	68	SOLIDAGO CANADENSIS / GOLDENROD	3.5" POT	36" o.c.
SHRUB AREAS				
	11,648 SF	WETLAND CREATION		
	22	ALNUS RUBRA / RED ALDER	1 GAL.	12% @ 96" o.c.
	22	SALIX HOOKERIANA / HOOKER'S WILLOW	LIVE STAKE	12% @ 96" o.c.
	22	SALIX LASIANDRA / PACIFIC WILLOW	LIVE STAKE	12% @ 96" o.c.
	1,198	CAREX OBNUPTA / SLOUGH SEDGE	PLUG	10% @ 12" o.c.
	720	JUNCUS TENUIS / POVERTY RUSH	PLUG	6% @ 12" o.c.
	48	LONICERA INVOLUCRATA / TWINBERRY	1 GAL.	10% @ 60" o.c.
	133	RUBUS SPECTABILIS / SALMONBERRY	1 GAL	10% @ 36" o.c.
	33	SAMBUCUS RACEMOSA / RED ELDERBERRY	1 GAL.	10% @ 72" o.c.
	718	SCIRPUS MICROCARPUS / SMALL-FRUITED BULRUSH	PLUG	6% @ 12" o.c.
	45	SPIRAEA DOUGLASII / WESTERN SPIREA	1 GAL.	6% @ 48" o.c.
	719	DESCHAMPSIA CESPITOSA / TUFTED HAIR GRASS	PLUG	6% @ 12" o.c.
	25,398 SF	WETLAND ENHANCEMENT		
	49	ALNUS RUBRA / RED ALDER	1 GAL.	12% @ 96" o.c.
	49	SALIX HOOKERIANA / HOOKER'S WILLOW	LIVE STAKE	12% @ 96" o.c.
	49	SALIX LASIANDRA / PACIFIC WILLOW	LIVE STAKE	12% @ 96" o.c.
	2,631	CAREX OBNUPTA / SLOUGH SEDGE	PLUG	10% @ 12" o.c.
	1,579	DESCHAMPSIA CESPITOSA / TUFTED HAIR GRASS	PLUG	6% @ 12" o.c.
	1,579	JUNCUS TENUIS / POVERTY RUSH	PLUG	6% @ 12" o.c.
	105	LONICERA INVOLUCRATA / TWINBERRY	1 GAL.	10% @ 60" o.c.
	292	RUBUS SPECTABILIS / SALMONBERRY	1 GAL	10% @ 36" o.c.
	73	SAMBUCUS RACEMOSA / RED ELDERBERRY	1 GAL.	10% @ 72" o.c.
	1,578	SCIRPUS MICROCARPUS / SMALL-FRUITED BULRUSH	PLUG	6% @ 12" o.c.
	99	SPIRAEA DOUGLASII / WESTERN SPIREA	1 GAL.	6% @ 48" o.c.
	40,585 SF	NATIVE BUFFER MEADOW SEED MIX		
	203 SF	AGROSTIS EXARATA / SPIKE BENTGRASS	SEED	0.5%
	10,552 SF	BROMUS CARINATUS / CALIFORNIA BROME	SEED	26%
	1,623 SF	CAMASSIA QUAMASH / SMALL CAMAS	SEED	4%
	1,420 SF	CAREX OBNUPTA / SLOUGH SEDGE	SEED	3.5%
	812 SF	DESCHAMPSIA CESPITOSA / TUFTED HAIR GRASS	SEED	2%
	1,583 SF	FESTUCA IDAHOENSIS ROEMERI / ROEMER'S FESCUE	SEED	3.9%
	16,234 SF	HORDEUM BRACHYANTHERUM / MEADOW BARLEY	SEED	40%
	41 SF	JUNCUS TENUIS / POVERTY RUSH	SEED	0.1%
	8,117 SF	LUPINUS ALBICAULIS / SICKLEKEEL LUPINE	SEED	20%
GROUND COVERS				
	2,620 SF	HERBACEOUS PERENNIAL GROUNDCOVER		
	204	ACHILLEA MILLEFOLIUM / COMMON YARROW	3.5" POT	30% @ 24" o.c.
	204	ANAPHALIS MARGARITACEA / PEARLY EVERLASTING	3.5" POT	30% @ 24" o.c.
	68	SOLIDAGO CANADENSIS / GOLDENROD	3.5" POT	10% @ 24" o.c.
	204	SYMPHYOTRICHUM SUBSPICATUM / DOUGLAS ASTER	3.5" POT	30% @ 24" o.c.



NOTE:
1. THIS DETAIL APPLIES TO SEEDED PLANTING AREAS ONLY. FOR CONTAINER AND PLUG PLANTING REFER TO PLANTING SOIL PREPARATION DETAIL, THIS SHEET.

SEED MIX SOIL PREPARATION

NOT TO SCALE



STEP 1:
A. CLEAR AND GRUB ALL PLANTING AREAS;
B. TILL OR RIP SOIL IN TO 12" TO 18" DEPTH;
C. PLACE 3" OF MEDIUM COMPOST OVER SOIL SURFACE.

STEP 2:
TILL MEDIUM COMPOST INTO TOP 12" TO 18" OF ENTIRE PLANTING AREA.

STEP 3:
INSTALL 1" MEDIUM COMPOST OVER PLANTING AREAS FOR A TOTAL DEPTH OF 13" TO 19" OF AMENDED PLANTING SOIL AFTER TILLING AND SETTLEMENT

STEP 4:
A. INSTALL PLANT PER DETAIL THIS SHEET
B. INSTALL 3" DEPTH MULCH

NOTE:
1. THIS DETAIL APPLIES TO CREATED WETLAND PLANTING. FOR PLANTING IN EXISTING WETLANDS SEE WETLAND ENHANCEMENT PLANTING DETAIL ON SHEET L2.1; FOR SEED PLANTING AREAS REFER TO SEED MIX SOIL PREPARATION DETAIL ON SHEET L2.1
2. FOR PLANTING UNDER EXISTING TREE CANOPIES, SEE DETAIL ON SHEET L2.1

PLANTING SOIL PREPARATION AT CREATED WETLANDS

NOT TO SCALE

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NO.	REVISIONS	INT.	APP.	DATE

ACTION	BY	DATE
DESIGNED		
DRAWN		
CHECKED (FIELD)		
CHECKED (HDQTS.)		

STATE OF WASHINGTON · BENJAMIN JAY SCHNEIDER · 21481 · REGISTERED LANDSCAPE ARCHITECT

1/31/2024
PROJECT ENGINEER

WASHINGTON STATE PARKS AND RECREATION COMMISSION

CAPE DISAPPOINTMENT STATE PARK

WELCOME CENTER AND ENTRANCE IMPROVEMENTS

PLANTING DETAILS

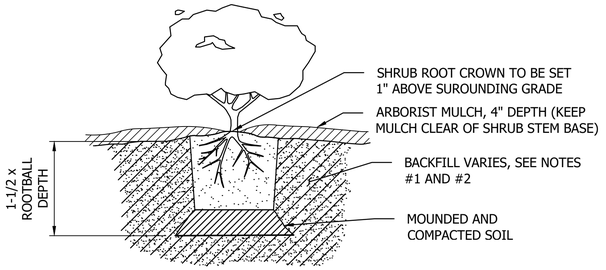
L2.0

SCALE

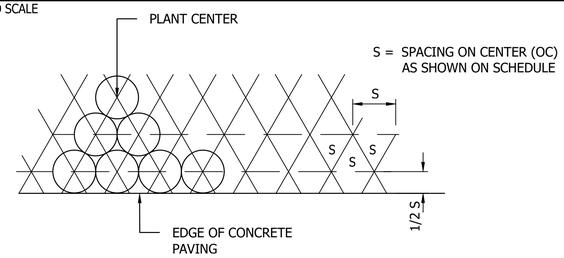
PARKS FILE#

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NOTES
1. FOR PLANTING IN CREATED WETLANDS, SEE PLANTING SOIL PREPARATION DETAIL ON SHEET L2.0; FOR PLANTING IN WETLAND ENHANCEMENT AREAS SEE DETAIL THIS SHEET; FOR PLANTING ISLANDS IN PARKING LOT BACKFILL USING STOCKPILED TOPSOIL SCRAPED FROM THE TOP 10 INCHES DURING DEMOLITION. AFTER SUPPLIES OF EXISTING TOPSOIL ARE EXHAUSTED IT IS PERMISSABLE TO IMPORT TOPSOIL TO MEET FINISH GRADE AT PLANTING ISLANDS.
2. DEPTH OF PLANTING SOIL IN PLANTING ISLANDS TO BE A MINIMUM OF 24".

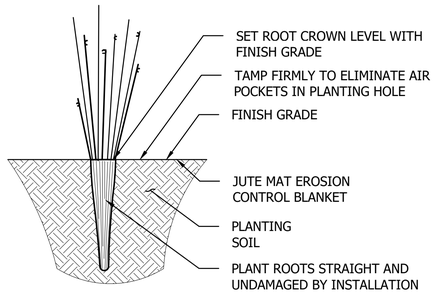


CONTAINER SHRUB OR TREE PLANTING DETAIL
NOT TO SCALE

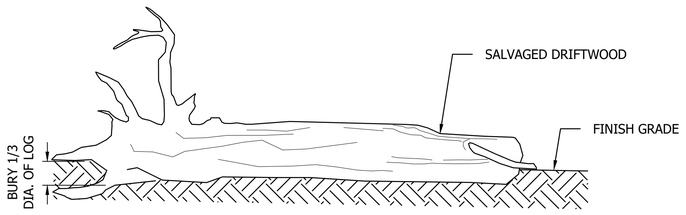


TRIANGULAR SPACING DIAGRAM
NOT TO SCALE

NOTE:
REFER TO WETLAND ENHANCEMENT PLANTING DETAIL BELOW FOR PLANTING WITHIN WETLAND ENHANCEMENT AREA



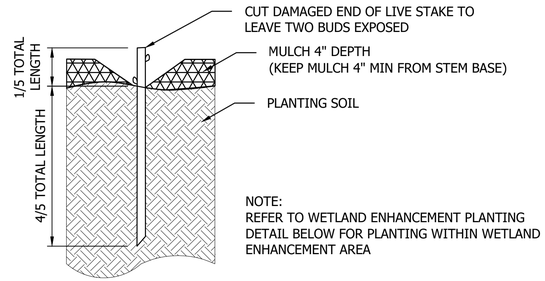
PLUG PLANTING DETAIL
NOT TO SCALE



SALVAGED DRIFTWOOD
NOT TO SCALE

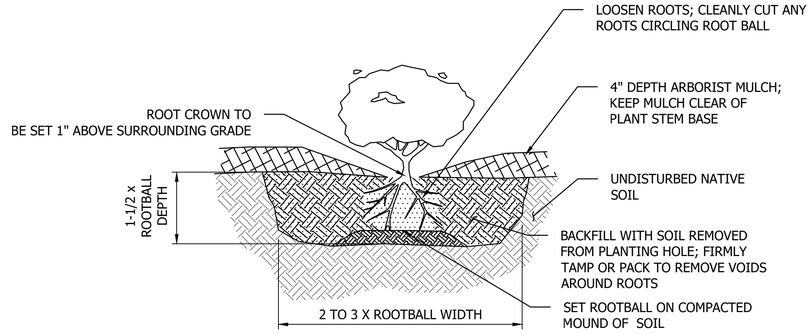
LIVE STAKE INSTALLATION NOTES:

1. KEEP LIVE STAKES MOIST/WET IN BUCKETS OR WET BURLAP SACKS. ON HOT DAYS, KEEP STAKES IN THE SHADE UNTIL YOU PLANT THEM.
2. IN HARD GROUND, USE AN IRON BAR OR STAR DRILL TO PREPARE THE HOLES FOR THE LIVE STAKE.
3. PLACE LIVE STAKE IN PREPARED HOLE; DO NOT USE AXE OR SLEDGE FOR DRIVING LIVE STAKES.
4. AVOID STRIPPING BARK OR BRUISING LIVE STAKES DURING INSTALLATION.
5. BURY 4/5 OF LIVE STAKE LENGTH.
6. AFTER LIVE STAKE IS PLACED IN GROUND, CUT DAMAGED END OF LIVE STAKE TO LEAVE AT LEAST TWO BUDS EXPOSED, MIN.
7. FILL VOID AROUND LIVE STAKE WITH SOIL.

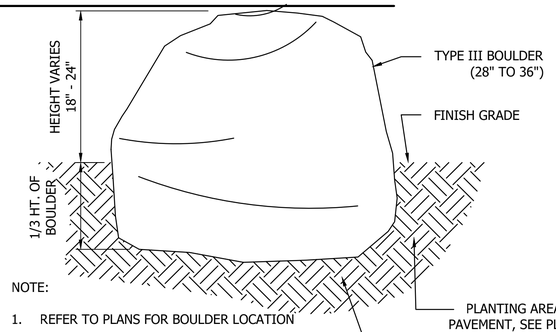


NOTE:
REFER TO WETLAND ENHANCEMENT PLANTING DETAIL BELOW FOR PLANTING WITHIN WETLAND ENHANCEMENT AREA

LIVE STAKE PLANTING DETAIL
NOT TO SCALE

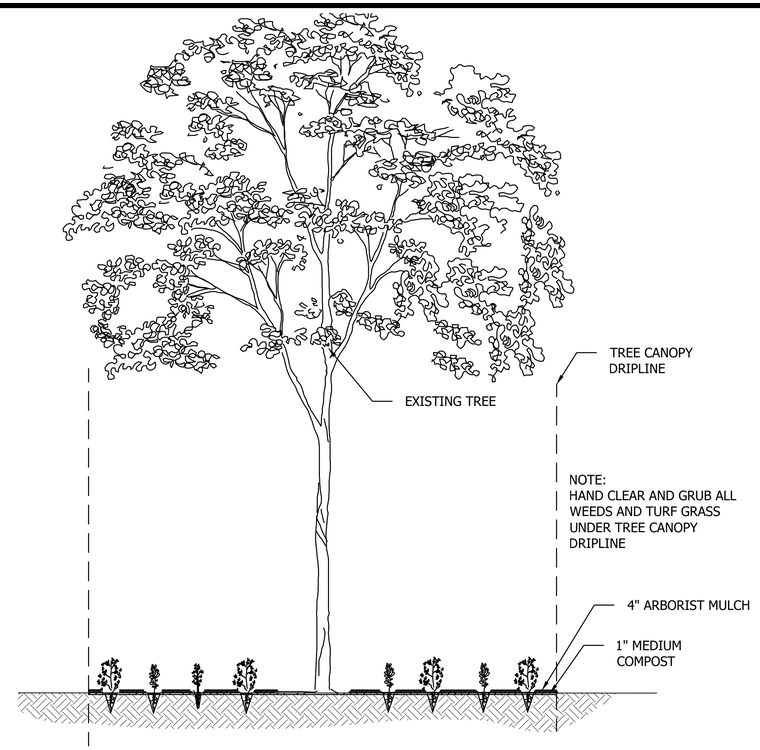


WETLAND ENHANCEMENT PLANTING DETAIL
NOT TO SCALE

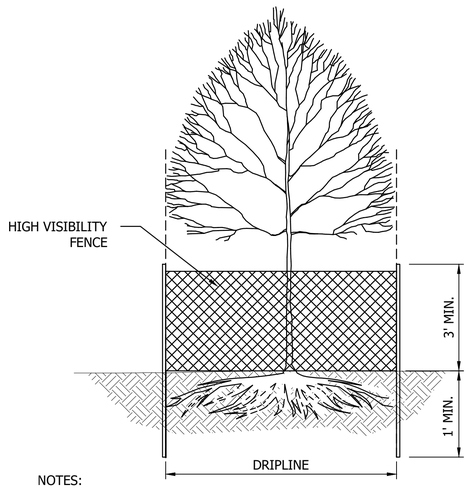


NOTE:
1. REFER TO PLANS FOR BOULDER LOCATION

LANDSCAPE BOULDER
NOT TO SCALE



PLANTING UNDER EXISTING TREE CANOPY
NOT TO SCALE



NOTES:
1. HIGH VISIBILITY FENCE SHALL BE PLACED AT DRIPLINE OF TREE/VEGETATION TO BE SAVED. SEE PLANS FOR FENCING LAYOUT. AVOID DRIVING POSTS OR STAKES INTO MAJOR ROOTS.
2. WORK WITHIN PROTECTION FENCE SHALL NOT TAKE PLACE WITHOUT PRIOR APPROVAL FROM THE OWNER'S REPRESENTATIVE.
3. NO STOCKPILING OF MATERIALS, VEHICULAR TRAFFIC, OR STORAGE OF EQUIPMENT OR MACHINERY SHALL BE ALLOWED WITHIN THE LIMIT OF THE FENCING.

TREE PROTECTION DETAIL
NOT TO SCALE

CAD NO. K:\PROJECT\33400\33427\CADD\ACAD\Dwg\L-DETAILS.dwg

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PLANTING DETAILS

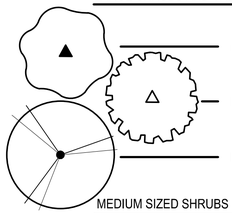
L2.1

SCALE

PARKS FILE#

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LARGE SHRUBS AND TREES

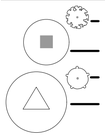


HOOKER'S WILLOW: 96" O.C. SPACING

PACIFIC WILLOW: 96" O.C. SPACING

RED ALDER: 96" O.C. SPACING

MEDIUM SIZED SHRUBS



WESTERN SPIREA: 48" O.C. SPACING

TWINBERRY: 60" O.C. SPACING

SALMONBERRY: 36" O.C. SPACING

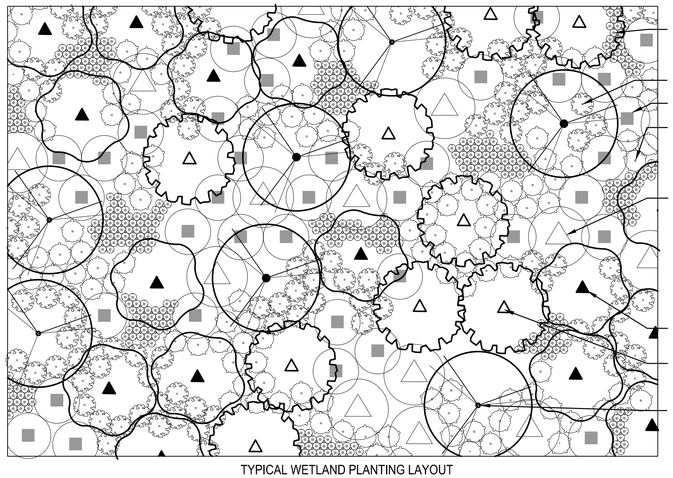
RED ELDERBERRY: 72" O.C. SPACING

NOTE:
1. ALL SHRUBS TO BE PLACED IN ODD NUMBERED GROUPINGS OF 3 TO 31



EMERGENTS: 12" O.C. SPACING

40% SLOUGH SEDGE
20% SMALL-FRUITED BULRUSH
20% TUFTED HAIR GRASS
20% POVERTY RUSH



TYPICAL WETLAND PLANTING LAYOUT

TYPICAL WETLAND PLANTING LAYOUT

NOT TO SCALE

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ACTION	BY	DATE
DESIGNED		
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CHECKED (FIELD)		
CHECKED (HDQTS.)		

STATE OF WASHINGTON
BENJAMIN JAY SCHNEIDER
21681
REGISTERED LANDSCAPE ARCHITECT

1/31/2024
PROJECT ENGINEER

WASHINGTON STATE PARKS AND RECREATION COMMISSION

CAPE DISAPPOINTMENT STATE PARK

WELCOME CENTER AND ENTRANCE IMPROVEMENTS

PLANTING DETAILS

L2.2

SCALE

PARKS FILE#

GENERAL NOTES

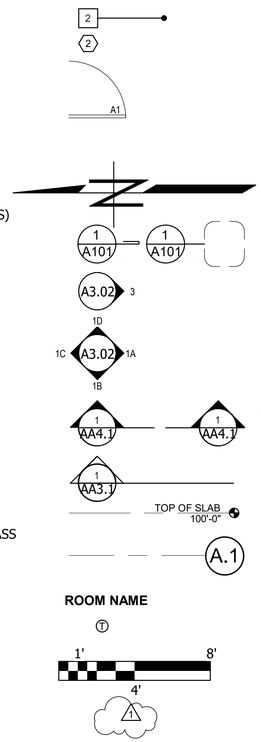
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6. SLOPE ALL GRADES AT PLANTING AREAS, SIDEWALKS AND ASPHALT PARKING PAVING WITHIN 5' OF A BUILDING AWAY FROM THE BUILDING. IF CONFLICTS OCCUR, NOTIFY ARCHITECT IMMEDIATELY. SEE CIVIL DRAWINGS FOR FINISHED GRADES ADJACENT TO BUILDINGS.
7. FIELD VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS PRIOR TO PROCEEDING WITH THE WORK.
8. DIMENSIONS TAKE PRECEDENCE OVER DRAWINGS, DO NOT SCALE DRAWINGS, NOTIFY ARCHITECT OF DISCREPANCIES PRIOR TO PROCEEDING WITH THE WORK.
9. CONTRACTOR IS SOLELY RESPONSIBLE FOR CONSTRUCTION MEANS AND METHODS AND SHALL MAINTAIN THE STRUCTURAL INTEGRITY OF CONSTRUCTION UNTIL FINAL LATERAL AND VERTICAL CARRYING SYSTEMS ARE COMPLETED.
10. DIMENSIONS ARE SHOWN TO FACE OF STUD, FACE OF CONCRETE, FACE OF MASONRY, GRID/COLUMN LINE, CENTERLINE OF ELEMENT, COUNTERTOP EDGE, OR AS NOTED.
11. CONTRACTOR IS RESPONSIBLE FOR VERIFICATION AND COORDINATION OF SUBCONTRACTOR WORK, COMPLIANCE WITH DRAWINGS AND SPECIFICATIONS, AND ACCURATE LOCATION OF STRUCTURAL MEMBERS, OPENINGS FOR MECHANICAL, ELECTRICAL, AND MISCELLANEOUS EQUIPMENT. CONTRACTOR SHALL VERIFY DIMENSIONS AND OPENING SIZES (CLEARANCES REQUIRED) FROM THE MANUFACTURERS PRIOR TO CONSTRUCTION OF OR INSTALLATION OF EQUIPMENT, FURNISHINGS, AND ACCESSORIES.
12. PROVIDE ACCESS PANELS AS REQUIRED. LOCATION, FINISH, AND TYPE SHALL BE APPROVED BY ARCHITECT PRIOR TO OBTAINING AND INSTALLING. ACCESS PANEL LOCATIONS NOT APPROVED BY ARCHITECT WILL BE SUBJECT TO MODIFICATION AT NO ADDITIONAL COST. PROVIDE RATED ACCESS PANELS WITH THE SAME RATING AS THE ASSEMBLY IN WHICH THEY ARE INSTALLED. ACCESS PANELS IN SHAFT WALLS, RATED FLOOR/CEILINGS OR RATED ROOF/CEILINGS SHALL BE SMOKE SEALED.

ABBREVIATIONS

#	NUMBER	GA	GAUGE, GYPSUM ASSOCIATION
&	AND	GAL	GALVANIZED
℄	CENTERLINE	GB	GRAB BAR
		GPM	GALLONS PER MINUTE
AC	ACRE	GYP	GYPSUM
ACC	ACCESSIBLE		
AED	AUTOMATED EXTERNAL DEFIBRILLATOR	HB	HOSE BIB
		HC-PHB	HOLLOW CORE PRIMED HARDBOARD
AFF	ABOVE FINISH FLOOR	HDR	HEADER
ADJ	ADJUSTABLE	HDW	HARDWARE
AHU	AIR HANDLING UNIT	HM	HOLLOW METAL
ALUM	ALUMINUM	HORIZ	HORIZONTAL
APPROX	APPROXIMATE	HR	HOUR
APT	APARTMENT	HVAC	HEATING VENTILATION AND AIR CONDITIONING
BD	BOARD		
BDRM	BEDROOM	IBC	INTERNATIONAL BUILDING
BLDG	BUILDING		CODE
BLKG	BLOCKING	IN	INCH
BM	BEAM	INFO	INFORMATION
BOT	BOTTOM	INSUL	INSULATE(D), (ION)
BR	BEDROOM	INT	INTERIOR
CIP	CAST-IN-PLACE	JAN	JANITOR'S
CJ	CONTROL JOINT	JST	JOIST
CL	CLOSET		
CLG	CEILING	KDHM	KNOCK-DOWN HOLLOW METAL
CLR	CLEAR(ANCE)	KIT	KITCHEN
CMU	CONCRETE MASONRY UNIT	LAM	LAMINATE
CPT	CARPET	LAUN	LAUNDRY
COL	COLUMNS	LD	LOAD
CONT	CONTINUOUS	LGT	LIGHT
CONC	CONCRETE	LN	LINEN
CORR	CORRIDOR	LVT	LUXURY VINYL TILE
		LW	LIVE/WORK
D	DRYER		
DBL	DOUBLE	MAINT	MAINTENANCE
DF	DRINKING FOUNTAIN	MATL	MATERIAL
DIA	DIAMETER	MAX	MAXIMUM
DIM	DIMENSION	MDF	MEDIUM DENSITY FIBERBOARD
DN	DOWN	MECH	MECHANICAL
DR	DOOR	MEMB	MEMBRANE
DS	DOWN SPOUT	MFR	MANUFACTURER
DU	DWELLING UNIT	MIN	MINIMUM
DW	DISHWASHER	MIRR	MIRROR(ED)
DWG	DRAWING	MISC	MISCELLANEOUS
		MTL	METAL
EA	EACH		
EJ	EXPANSION JOINT	N	NORTH
EL	ELEVATION	NA	NOT APPLICABLE
ELEC	ELECTRICAL	NIC	NOT IN CONTRACT
ELEV	ELEVATOR	NO	NUMBER
EP	ELECTRICAL PANEL	NR	NON RATED
EQUIP	EQUIPMENT	NTS	NOT TO SCALE
EQ	EQUAL		
EXIST	EXISTING	OC	ON CENTER
EXT	EXTERIOR	OCC	OCCUPANT(S), OCCUPANCY,(IES)
		OLF	OCCUPANT LOAD FACTOR
FCP	FIBER CEMENT PANEL	OPP	OPPOSITE
FD	FLOOR DRAIN	OPNG	OPENING
FEC	FIRE EXTINGUISHER CABINET	ORD	OVERFLOW ROOF DRAIN
		OSB	ORIENTED STRAND BOARD
FIN	FINISH	OSSC	OREGON STRUCTURAL SPECIALTY CODE
FLR	FLOOR		
FND	FOUNDATION	OVFL	OVERFLOW
FO	FACE OF		
FOC	FACE OF CONCRETE		
FOF	FACE OF FINISH		
FOS	FACE OF STUD		
FOW	FACE OF WALL		
FT	FEET		
FTG	FOOTING WALL		
FT	FEET		

PLAM	PLASTIC LAMINATE
PL	PLATE, PROPERTY LINE
PLYWD	PLYWOOD
PNL	PANEL
PNT	PAINT
PR	PAIR
PREFIN	PREFINISHED
PREPR	PRE-PRIMED
PT	PRESSURE TREATED, POST TENSION
R	RISER, RADIUS
R & S	ROD AND SHELF
RCP	REFLECTED CEILING PLAN(S)
RD	ROOF DRAIN
REF	REFERENCE
REFL	REFLECTED
REFR	REFRIGERATOR
REQD	REQUIRED
REST	RESTROOM
RM	ROOM
RO	ROUGH OPENING
SAMF	SELF-ADHERING MEMBRANE FLASHING
SD	SMOKE DETECTOR
SF	SQUARE FOOT
SHTHG	SHEATHING
SIM	SIMILAR
SPEC	SPECIFICATION
STD	STANDARD
STL	STEEL
STOR	STORAGE
STC	SOUND TRANSMISSION CLASS
STRUCT	STRUCTURAL
SV	SHEET VINYL
T	TREAD, TEMPERED
T & G	TONGUE & GROOVE
TB	TOWEL BAR
TG	TEMPERED GLASS
THK	THICK, THICKNESS
TO	TOP OF
TP	TOILET PAPER
T/S	TUB/SHOWER
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
UNFIN	UNFINISHED
VCT	VINYL COMPOSITION TILE
VERT	VERTICAL
VRFY	VERIFY
W	WASHER
W/	WITH
WD	WOOD
WH	WATER HEATER
WIC	WALK IN CLOSET
WIN	WINDOW
WP	WATERPROOF
WR	WATER RESISTANT
WRB	WATER RESISTANT BARRIER

SYMBOLS



ASSEMBLY TAG
WINDOW TAG
DOOR TAG
NORTH ARROW
DETAIL TAGS
EXTERIOR ELEVATION TAG
INTERIOR ELEVATION TAG
BUILDING SECTION TAG
WALL SECTION TAG
ELEVATION DATUM
GRID LINE/ GRID BUBBLE
ROOM TITLE
TEMPERED GLAZING
GRAPHIC SCALE
REVISION TAG AND CLOUD

DEFERRED SUBMITTALS

- WOOD ROOF TRUSSES
- PREFABRICATED METAL CARPORT

SHEET 51 OF 114

CAD NO: Autodesk Docs://33427 - Cape Disappointment/33427 - Cape Disappointment.rvt

NO.	REVISIONS	INT.	APP.	DATE

ACTION	BY	DATE
DESIGNED	PP,AP	1/31/24
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CHECKED (FIELD)	-	-
CHECKED (HDQTS.)	-	-

9277 REGISTERED ARCHITECT
MATTHEW NEISH
STATE OF WASHINGTON
01/31/2024
STAMP - ARCHITECT

WASHINGTON STATE PARKS AND RECREATION COMMISSION

CAPE DISAPPPOINTMENT STATE PARK

WELCOME CENTER AND ENTRANCE IMPROVEMENTS

ARCHITECTURAL INFORMATION

A0.1

SCALE: 12" = 1'-0"

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PARKS FILE#

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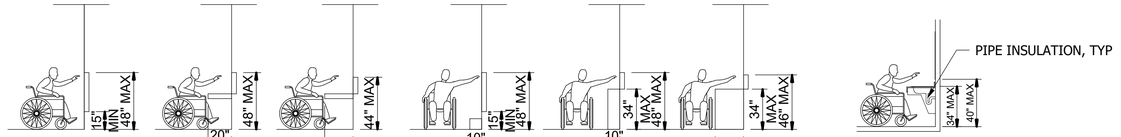


FIG. 308.2.1 UNOBSTRUCTED FORWARD REACH

FIG. 308.2.2 (a) OBSTRUCTED HIGH FORWARD REACH

FIG. 308.2.2 (b)

FIG. 308.3.1 UNOBSTRUCTED SIDE REACH

FIG. 308.3.2 (a) OBSTRUCTED HIGH SIDE REACH

FIG. 308.3.2 (b)

BOTTOM OF MIRROR REFLECTIVE SURFACE AT LAVATORIES (SEE KNEE AND TOE CLEARANCE FOR SINK)

1 A0.2 REACH RANGES

SCALE: 3/16" = 1'-0"

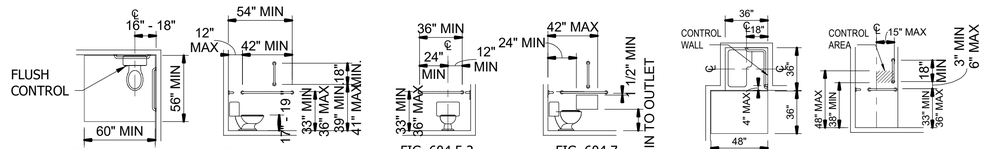


FIG. 604.2/604.3 WATER CLOSET LOCATION/ SIZE CLEARANCE

FIG. 604.4/604.5.1 HEIGHT OF WATER CLOSET/ SIDE WALL GRAB BAR FOR WATER CLOSET

FIG. 604.5.2 REAR WALL GRAB BAR FOR WATER CLOSET

FIG. 604.7 DISPENSER LOCATION

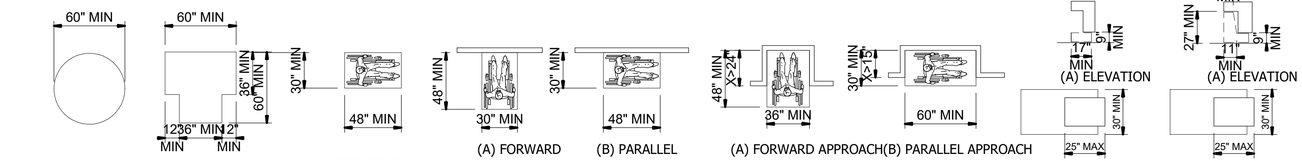
FIG. 608.2.1/608.3.1 TRANSFER-TYPE SHOWER COMPARTMENT SIZE AND CLEARANCE

FIG. 608.4.1 TRANSFER-TYPE SHOWER CONTROLS AND HANDSHOWER LOCATION

604.6 FLUSH CONTROLS SHALL BE MOUNTED ON THE OPEN SIDE OF THE WATER CLOSET

2 A0.2 PLUMBING FIXTURES AND FACILITIES

SCALE: 3/16" = 1'-0"



(A) CIRCULAR (B) T-SHAPED FIG. 304.3 SIZE OF WHEELCHAIR TURNING SPACE

FIG. 305.3 SIZE OF CLEAR FLOOR SPACE

(A) FORWARD (B) PARALLEL FIG. 305.5 POSITION OF CLEAR FLOOR OR GROUND SPACE

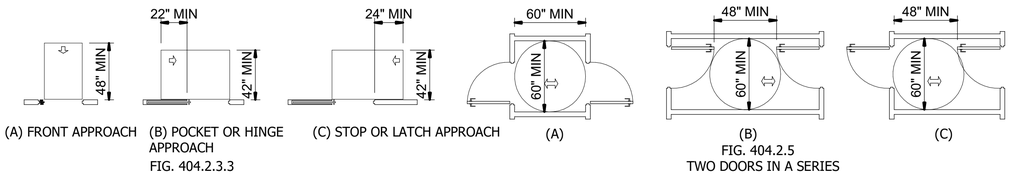
(A) FORWARD APPROACH (B) PARALLEL APPROACH FIG. 305.7 MANEUVERING CLEARANCE IN AN ALCOVE

(A) ELEVATION (B) PLAN FIG. 306.2 TOE CLEARANCE

(A) ELEVATION (B) PLAN FIG. 306.3 KNEE CLEARANCE

3 A0.2 CLEAR FLOOR SPACE

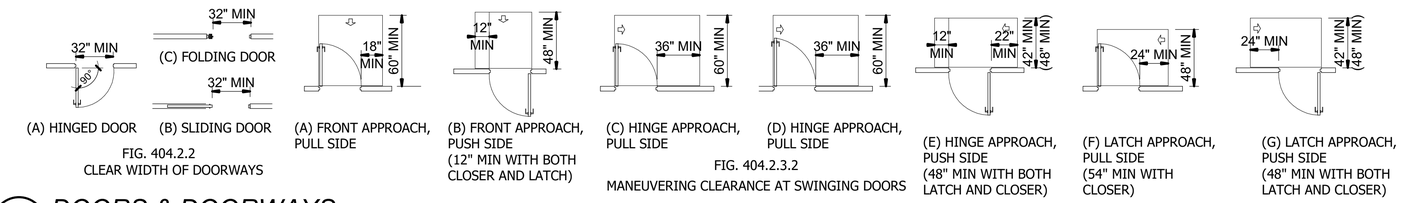
SCALE: 3/16" = 1'-0"



(A) FRONT APPROACH (B) POCKET OR HINGE APPROACH (C) STOP OR LATCH APPROACH FIG. 404.2.3.3

(A) (B) FIG. 404.2.5 TWO DOORS IN A SERIES (C)

MANEUVERING CLEARANCE AT SLIDING AND FOLDING DOORS



(A) HINGED DOOR (B) SLIDING DOOR (C) FOLDING DOOR FIG. 404.2.2 CLEAR WIDTH OF DOORWAYS

(A) FRONT APPROACH, PULL SIDE

(B) FRONT APPROACH, PUSH SIDE (12" MIN WITH BOTH CLOSER AND LATCH)

(C) HINGE APPROACH, PULL SIDE (D) HINGE APPROACH, PULL SIDE FIG. 404.2.3.2 MANEUVERING CLEARANCE AT SWINGING DOORS

(E) HINGE APPROACH, PUSH SIDE (48" MIN WITH BOTH LATCH AND CLOSER)

(F) LATCH APPROACH, PULL SIDE (54" MIN WITH CLOSER)

(G) LATCH APPROACH, PUSH SIDE (48" MIN WITH BOTH LATCH AND CLOSER)

4 A0.2 DOORS & DOORWAYS

SCALE: 3/16" = 1'-0"

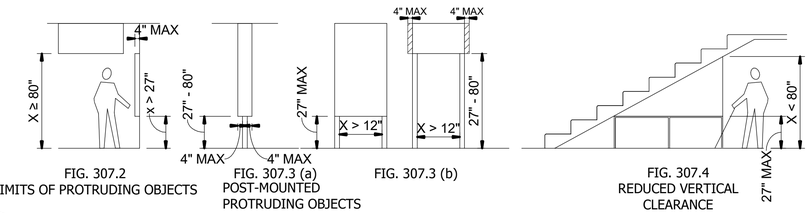


FIG. 307.2 LIMITS OF PROTRUDING OBJECTS

FIG. 307.3 (a) POST-MOUNTED PROTRUDING OBJECTS

FIG. 307.3 (b)

FIG. 307.4 REDUCED VERTICAL CLEARANCE

5 A0.2 PROTRUDING OBJECTS

SCALE: 3/16" = 1'-0"

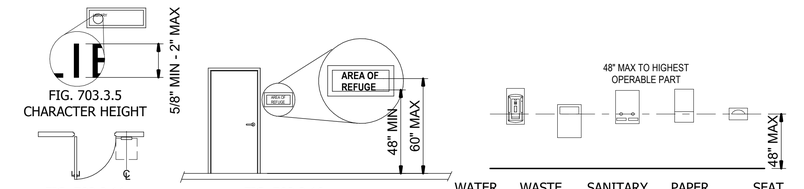


FIG. 703.3.5 CHARACTER HEIGHT

FIG. 703.3.11 MOUNTING LOCATION AT DOORS

FIG. 703.3.10 HEIGHT OF RAISED CHARACTERS ABOVE FLOOR

WATER BOTTLE REFILL WASTE RECEPTACLE SANITARY NAPKIN DISPENSER PAPER TOWEL DISPENSER SEAT COVER DISPENSER

6 A0.2 MOUNTING HEIGHTS

SCALE: 3/16" = 1'-0"

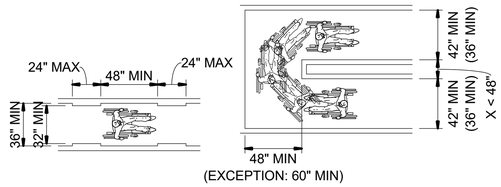


FIG. 403.5 CLEAR WIDTH OF AN ACCESSIBLE ROUTE

FIG. 403.5.1 CLEAR WIDTH AT TURN

7 A0.2 ACCESSIBLE ROUTES

SCALE: 3/16" = 1'-0"

SHEET 52 OF 114

CAD NO: Autodesk Docs://33427 - Cape Disappointment/33427 - Cape Disappointment.rvt

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DESIGNED	PP	1/31/24
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CHECKED (HDQTS.)	XX	02/23/23

9277 REGISTERED ARCHITECT MATTHEW NEISH STATE OF WASHINGTON 01/31/2024

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WASHINGTON STATE PARKS AND RECREATION COMMISSION

CAPE DISAPPPOINTMENT STATE PARK

WELCOME CENTER AND ENTRANCE IMPROVEMENTS

ACCESSIBILITY DETAILS

A0.2

SCALE: 3/16" = 1'-0"

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10 | MEANS OF EGRESS

OCCUPANCY LOAD SUMMARY

ADMIN LEVEL 01:
BUSINESS @ 150 GROSS = 4 OCCUPANTS
ASSEMBLY @ 15 NET = 26 OCCUPANTS
UTILITY @ 300 GROSS = 1 OCCUPANTS
TOTAL BUILDING OCCUPANTS: 31 OCCUPANTS

NUMBER OF EXITS

LEVEL 01: **REQUIRED: 1**
PROVIDED: 2

AREAS OF REFUGE

NO AREAS OF REFUGE ARE REQUIRED FOR THE SCOPE.

EXIT ACCESS TRAVEL DISTANCE & COMMON PATH OF TRAVEL DISTANCE

B OCCUPANCY MAXIMUM: 200' — **PATH OF TRAVEL (NO SPRINKLER)**

B OCCUPANCY MAXIMUM: 75' — **COMMON PATH OF TRAVEL WITH SPACES WITH ACCESS TO ONE EXIT** (NO SPRINKLER)

CORRIDOR CONTINUITY

NO RATED COORIDORS REQUIRED IN PROJECT

11 | ACCESSIBILITY

PARKING

SCOPE DOES NOT REQUIRE ADDITIONAL PARKING. NO ADDITIONAL PARKING PROVIDED AS PART OF THIS PROJECT.

SIGNAGE

PROVIDE ACCESSIBLE RESTROOM SIGNAGE AT RESTROOM, SEE 6/A0.2

15 | ROOF ASSEMBLIES

REQUIRED- CLASS B OR HIGHER
PROVIDED - CLASS A

6 | TYPES OF CONSTRUCTION

FIRE RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS (HOURS)

TYPE VB	
PRIMARY STRUCTURAL FRAME	NR
EXTERIOR BEARING WALLS	NR
INTERIOR BEARING WALLS	NR
STRUCTURAL FRAME SUPPORTING ROOF ONLY	NR
FLOORS & SECONDARY MEMBERS	NR
ROOF CONSTRUCTION	NR

FIRE RESISTANCE RATING REQUIREMENTS FOR EXTERIOR WALLS

FIRE SEPARATION DISTANCE	V-B, B OCC
X < 5	1
5 < X < 10	1
10 < X < 30	0
X > 30	0

7 | FIRE & SMOKE PROTECTION FEATURES

BUILDING SEPARATION

FIRE SEPARATION DISTANCE (FEET)	DEGREE OF OPENING PROTECTION	ALLOWABLE AREA
0 TO LESS THAN 3	ALL	NOT PERMITTED
3 TO LESS THAN 5	UNPROTECTED/NONSPRINKLERED	NOT PERMITTED
	PROTECTED	15%
5 TO LESS THAN 10	UNPROTECTED/NONSPRINKLERED	10%
	PROTECTED	25%
10 TO LESS THAN 15	UNPROTECTED/NONSPRINKLERED	15%
	PROTECTED	45%
15 TO LESS THAN 20	UNPROTECTED/NONSPRINKLERED	25%
	PROTECTED	75%
20 TO LESS THAN 25	UNPROTECTED/NONSPRINKLERED	70%
	PROTECTED	NO LIMIT
25 TO LESS THAN 30	UNPROTECTED/NONSPRINKLERED	NO LIMIT
	PROTECTED	NO LIMIT
30 OR GREATER	UNPROTECTED/NONSPRINKLERED	NO LIMIT
	PROTECTED	NO LIMIT

FACADE	PROTECTION / SPRINKLERING	DISTANCE TO MEASURED SEPARATION
NORTH	NP / SP	>30'-0"
EAST	NP / SP	>30'-0"
SOUTH	NP / SP	>30'-0"
WEST	NP / SP	>30'-0"

SHAFTS

THERE ARE NO SHAFTS IN THIS BUILDING

8 | INTERIOR FINISHES

FLAME-SPREAD RATING (TABLE 803.13)

WALL AND CEILING FINISH MATERIALS TO HAVE THE FOLLOWING FLAME SPREAD RATING OR HIGHER (B OCCUPANCY) :

EXIT PASSAGEWAYS
NONE IN PROJECT

CORRIDORS & ENCOSURE FOR EXIT ACCESS STAIRWAYS & RAMPS
REQUIRED - B, PROVIDED - B

ROOMS & ENCLOSED SPACES
REQUIRED - C, PROVIDED - C

9 | FIRE PROTECTION SYSTEMS

SPRINKLER SYSTEM

NO SPRINKLER SYSTEM IN THIS BUILDING

1 | SCOPE & ADMINISTRATION

CODE PATH

BUILDING CODE: INTERNATIONAL BUILDING CODE (IBC) 2018 EDITION WITH WAC 51-50
INTERNATIONAL EXISTING BUILDING CODE (IEBC) 2018 EDITION
MECHANICAL CODE: INTERNATIONAL MECHANICAL CODE (IMC) 2018 EDITION WITH WAC 51-52
PLUMBING CODE: UNIFORM PLUMBING CODE (UPC) 2018 EDITION WITH WAC 51-56
ELECTRICAL CODE: THE 2020 NATIONAL ELECTRICAL CODE (NEC), WITH AMENDMENTS
ENERGY CODE: WASHINGTON STATE ENERGY CODE (WSEC) 2018 EDITION WITH WAC 51-11
FIRE CODE: INTERNATIONAL FIRE CODE (IFC) 2018 EDITION WITH WAC 51-54A
ACCESSIBLITY: ICC/ANSI A117.1-2009 ACCESSIBILITY WITH WAC 51-50

3 | USE & OCCUPANCY

OCCUPANCY GROUPS

B: ADMINISTRATIVE OFFICE

F-1: FACTORY INDUSTRIAL (SEPARATE PORTION OF THE SAME BUILDING)

4 | SPECIAL OCCUPANCY REQUIREMENTS

NONE IN THIS PROJECT.

5 | BUILDING CONSTRUCTION

CONSTRUCTION TYPE

CONSTRUCTION TYPE: V-B, NON-SPRINKLERED

HEIGHT IN FEET

ALLOWED: 40' **PROVIDED:** 18'-0"

NUMBER OF STORIES

ALLOWED: 1 **PROVIDED:** 1

GROSS BUILDING AREA SUMMARY

ADMIN:
OCCUPANCY GROUP **B**
LEVEL 1 **1,142 GSF**
SHOP: (SEPARATE PORTION OF THE SAME BUILDING 503.1.2)
OCCUPANCY GROUP **F-1**
LEVEL 1 **540 GSF**

FLOOR AREA TOTAL: **1682 GSF**

FIRE-RATING REQUIREMENTS FOR BUILDING ELEMENTS

NONE REQUIRED

OCCUPANCY GROUP AREA SUMMARY & TABULAR ALLOWABLE AREA

TYPE & OCCUPANCY: TYPE VB - F OCCUPANCY
BASE GSF (NS): 8,500 GSF

MAX TOTAL ALLOWABLE BUILDING AREA = 8,500 GSF
PROPOSED BUILDING AREA = 1682 GSF (AREA INCLUDES SHOP BUILDING)
* AREA BASED ON MOST RESTRICTIVE OCCUPANCY

503.1.2 BUILDINGS ON THE SAME LOT

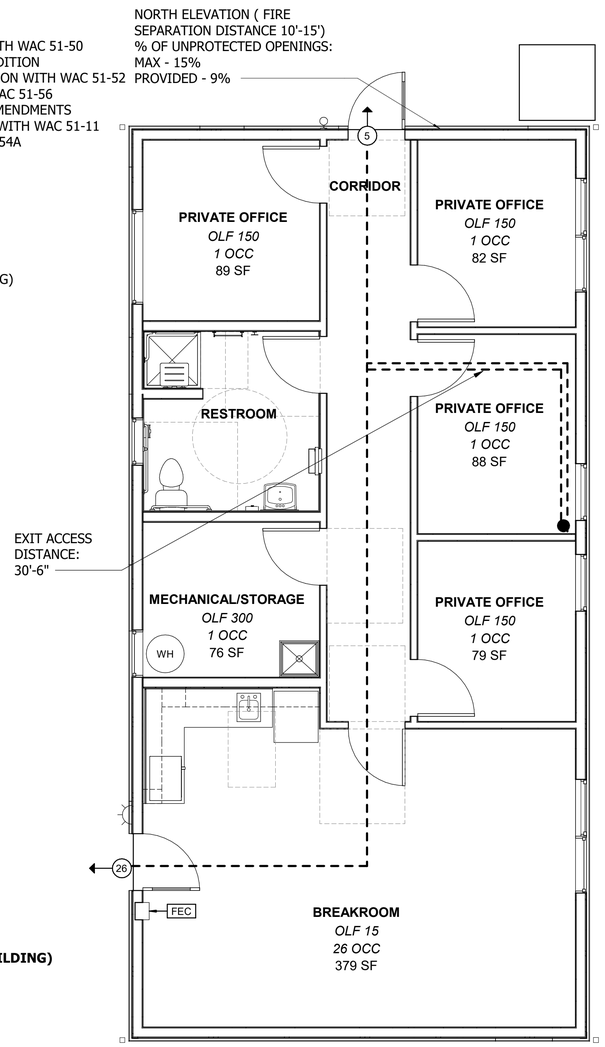
SHOP BUILDING AND ADMIN BUILDING ARE CONSIDERED PORTIOSN OF THE SAME BUILDING PER 503.1.2

TWO BUILDINGS ON THE SAME LOT SHALL BE CONSIDERED AS PORTIONS OF THE SAME BUILDING, WHERE THE BUILDING HEIGHT, NUMBER OF STORIES OF EACH BUILDING AND THE AGGREGATE BUILDING AREA OF THE BUILDINGS ARE WITHIN THE LIMITATIONS SPECIFIED IN SECTIONS 504 AND 506.

TABLE 5.5-4 (CLIMATE ZONE 4) PERSCRIPTIVE PATH

BUILDING ELEMENT (FULLY CONDITIONED)	REQUIRED	PROPOSED
ATTIC	R-49	R-49
WALLS (WOOD FRAMED) - ABOVE GRADE	R-21	R-21
UNHEATED SLAB - EDGE PERIMETER	R-10 FOR 24" BELOW SLAB	N/A (EXISTING SLAB)
FENESTRATION - ENTRANCE DOOR	U 0.60, SHGC 0.33, VT 0.36	U 0.60, SHGC 0.33, VT 0.36
FENESTRATION (FRAMED, FIXED)	U 0.38, SHGC (SEW) 0.38,	U 0.38, SHGC (SEW) 0.38,
FENESTRATION (FRAMED, OPERABLE)	(N) 0.51 U 0.40, SHGC (SEW) 0.38, (N) 0.51	(N) 0.51 U 0.40, SHGC (SEW) 0.38, (N) 0.51
SKYLIGHTS	U 0.50 SHGC 0.35	N/A
FENESTRATION AREA LIMITATIONS	0%-30%	5.2%
SWINGING DOOR	U 0.37	U 0.37
GARAGE DOOR	U 0.34	N/A

* SEE SHEET AA0.3 FOR ADDITIONAL BUILDING ENVELOPE NOTES



1 / AA0.2 ADMIN - FLS PLAN
SCALE: 1/4" = 1'-0"



1' 4' 8'

SHEET 53 OF 114

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ACTION	BY	DATE
DESIGNED	PP,AP	1/31/24
DRAWN	PP,AP	1/31/24
CHECKED (FIELD)	-	-
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MATTHEW NEISH
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STAMP - ARCHITECT

WASHINGTON STATE PARKS AND RECREATION COMMISSION

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WELCOME CENTER AND ENTRANCE IMPROVEMENTS

ADMIN FIRE LIFE SAFETY PLANS AND CODE SUMMARY

AA0.2

SCALE: As indicated

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10 | MEANS OF EGRESS

OCCUPANCY LOAD SUMMARY

SHOP LEVEL 01:
INDUSTRIAL @ 100 GROSS = 6 OCCUPANTS
TOTAL BUILDING OCCUPANTS: 6 OCCUPANTS

NUMBER OF EXITS

LEVEL 01:	**REQUIRED: 1** **PROVIDED: 1**

AREAS OF REFUGE

NO AREAS OF REFUGE ARE REQUIRED FOR THE SCOPE.

EXIT ACCESS TRAVEL DISTANCE & COMMON PATH OF TRAVEL DISTANCE

F-1 OCCUPANCY
MAXIMUM: 200'
PATH OF TRAVEL (NO SPRINKLER)

F-1 OCCUPANCY
MAXIMUM: 75'
COMMON PATH OF TRAVEL WITH SPACES WITH ACCESS TO ONE EXIT
(NO SPRINKLER)

CORRIDOR CONTINUITY

NO RATED COORIDORS REQUIRED IN PROJECT

11 | ACCESSIBILITY

PARKING

SCOPE DOES NOT REQUIRE ADDITIONAL PARKING. NO ADDITIONAL PARKING PROVIDED AS PART OF THIS PROJECT.

15 | ROOF ASSEMBLIES

REQUIRED- CLASS B OR HIGHER
PROVIDED - CLASS A

6 | TYPES OF CONSTRUCTION

FIRE RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS (HOURS)

TYPE VB	
PRIMARY STRUCTURAL FRAME	NR
EXTERIOR BEARING WALLS	NR
INTERIOR BEARING WALLS	NR
STRUCTURAL FRAME SUPPORTING ROOF ONLY	NR
FLOORS & SECONDARY MEMBERS	NR
ROOF CONSTRUCTION	NR

FIRE RESISTANCE RATING REQUIREMENTS FOR EXTERIOR WALLS

FIRE SEPARATION DISTANCE	V-B, F-1 OCC
X < 5	**2**
5 < X < 10	**1**
10 < X < 30	**1**
X > 30	**0**

7 | FIRE & SMOKE PROTECTION FEATURES

BUILDING SEPARATION

FIRE SEPARATION DISTANCE (FEET)	DEGREE OF OPENING PROTECTION	ALLOWABLE AREA
0 TO LESS THAN 3	ALL	NOT PERMITTED
3 TO LESS THAN 5	UNPROTECTED/NONSPRINKLERED	NOT PERMITTED
	PROTECTED	15%
5 TO LESS THAN 10	UNPROTECTED/NONSPRINKLERED	10%
	PROTECTED	25%
10 TO LESS THAN 15	UNPROTECTED/NONSPRINKLERED	15%
	PROTECTED	45%
15 TO LESS THAN 20	UNPROTECTED/NONSPRINKLERED	25%
	PROTECTED	75%
20 TO LESS THAN 25	UNPROTECTED/NONSPRINKLERED	70%
	PROTECTED	NO LIMIT
25 TO LESS THAN 30	UNPROTECTED/NONSPRINKLERED	NO LIMIT
	PROTECTED	NO LIMIT
30 OR GREATER	UNPROTECTED/NONSPRINKLERED	NO LIMIT
	PROTECTED	NO LIMIT

FACADE	PROTECTION / SPRINKLERING	DISTANCE TO MEASURED SEPARATION
NORTH	NP / SP	>30'-0"
EAST	NP / SP	>30'-0"
SOUTH	NP / SP	10'-6"
WEST	NP / SP	>30'-0"

SHAFTS

THERE ARE NO SHAFTS IN THIS BUILDING

8 | INTERIOR FINISHES

FLAME-SPREAD RATING (TABLE 803.13)

WALL AND CEILING FINISH MATERIALS TO HAVE THE FOLLOWING FLAME SPREAD RATING OR HIGHER:

INTERIOR EXIT STAIRWAYS & RAMPS & EXIT PASSAGEWAYS
PROVIDED - B

CORRIDORS & ENCOSURE FOR EXIT ACCESS STAIRWAYS & RAMPS
PROVIDED - C

ROOMS & ENCLOSED SPACES
PROVIDED - C

9 | FIRE PROTECTION SYSTEMS

SPRINKLER SYSTEM

NO SPRINKLER SYSTEM IN THIS BUILDING

1 | SCOPE & ADMINISTRATION

CODE PATH

BUILDING CODE: INTERNATIONAL BUILDING CODE (IBC) 2018 EDITION WITH WAC 51-50
MECHANICAL CODE: INTERNATIONAL MECHANICAL CODE (IMC) 2018 EDITION WITH WAC 51-52
PLUMBING CODE: UNIFORM PLUMBING CODE (UPC) 2018 EDITION WITH WAC 51-56
ELECTRICAL CODE: THE 2020 NATIONAL ELECTRICAL CODE (NEC), WITH AMENDMENTS
ENERGY CODE: WASHINGTON STATE ENERGY CODE (WSEC) 2018 EDITION WITH WAC 51-11
FIRE CODE: INTERNATIONAL FIRE CODE (IFC) 2018 EDITION WITH WAC 51-54A
ACCESSIBLITY: ICC/ANSI A117.1-2009 ACCESSIBILITY WITH WAC 51-50

3 | USE & OCCUPANCY

OCCUPANCY GROUPS

F-1: FACTORY INDUSTRIAL
NON-SEPARATED OCCUPANCIES

B: ADMIN OFFICE (SEPARATE PORTIONS OF THE SAME BUILDING)

4 | SPECIAL OCCUPANCY REQUIREMENTS

NONE IN THIS PROJECT.

5 | BUILDING CONSTRUCTION

CONSTRUCTION TYPE

CONSTRUCTION TYPE: V-B, NON-SPRINKLERED

HEIGHT IN FEET

ALLOWED: 40' **PROVIDED:** 18'-0"

NUMBER OF STORIES

ALLOWED: 1 **PROVIDED:** 1

GROSS BUILDING AREA SUMMARY

ADMIN: (SEPARATE PORTION OF THE SAME BUILDING 503.1.2)
OCCUPANCY GROUP **B**
LEVEL 1 **1,142 GSF**
SHOP:
OCCUPANCY GROUP **F-1**
LEVEL 1 **540 GSF**

FLOOR AREA TOTAL: **1682 GSF**

FIRE-RATING REQUIREMENTS FOR BUILDING ELEMENTS

NONE REQUIRED

OCCUPANCY GROUP AREA SUMMARY & TABULAR ALLOWABLE AREA

TYPE & OCCUPANCY:
TYPE VB - F OCCUPANCY

BASE GSF (NS):
8,500 GSF

MAX TOTAL ALLOWABLE BUILDING AREA = 8,500 GSF*
PROPOSED BUILDING AREA = 1682 GSF (AREA INCLUDES ADMIN BUILDING)
* AREA BASED ON MOST RESTRICTIVE OCCUPANCY

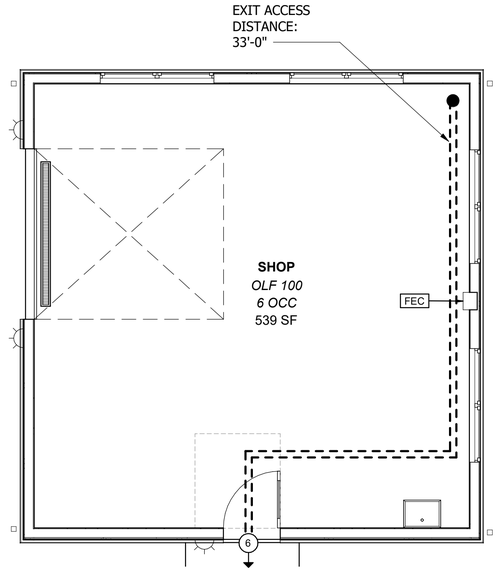
503.1.2 BUILDINGS ON THE SAME LOT

SHOP BUILDING AND ADMIN BUILDING ARE CONSIDERED PORTIONS OF THE SAME BUILDING PER 503.1.2

TWO BUILDINGS ON THE SAME LOT SHALL BE CONSIDERED AS PORTIONS OF THE SAME BUILDING, WHERE THE BUILDING HEIGHT, NUMBER OF STORIES OF EACH BUILDING AND THE AGGREGATE BUILDING AREA OF THE BUILDINGS ARE WITHIN THE LIMITATIONS SPECIFIED IN SECTIONS 504 AND 506.

TABLE 5.5-4 (CLIMATE ZONE 4) PERSCRIPTIVE PATH

BUILDING ELEMENT (FULLY CONDITIONED)	REQUIRED	PROPOSED
ATTIC	R-49	R-49
WALLS (WOOD FRAMED) - ABOVE GRADE	R-21	R-21
UNHEATED SLAB - EDGE PERIMETER	R-10 FOR 24" BELOW SLAB	R-10 FOR 24" BELOW SLAB
FENESTRATION - ENTRANCE DOOR	U 0.60, SHGC 0.33, VT 0.36	U 0.60, SHGC 0.33, VT 0.36
FENESTRATION (FRAMED, FIXED)	U 0.38, SHGC (SEW) 0.38, (N) 0.51	U 0.38, SHGC (SEW) 0.38, (N) 0.51
FENESTRATION (FRAMED, OPERABLE)	U 0.40, SHGC (SEW) 0.38, (N) 0.51	U 0.40, SHGC (SEW) 0.38, (N) 0.51
SKYLIGHTS	U 0.50 SHGC 0.35	N/A
FENESTRATION AREA LIMITATIONS	0%-30%	5.2%
SWINGING DOOR	U 0.37	U 0.37
GARAGE DOOR	U 0.34	U 0.34



1 AA0.3 *SHOP - FLS PLAN*
SCALE: 1/4" = 1'-0"

NOTE: FENESTRATION PRODUCTS SHALL BE LABELED WITH NFRC U-FACTOR, SHGC, VT AND LEAKAGE RATING

AIR LEAKAGE TESTING
PROJECT REQUIRES BUILDING ENCLOSURE AIR LEAKAGE TESTING FOR WSEC COMPLIANCE (C402.5.1.2)
AIR LEAKAGE OF THE BUILDING ENVELOPE SHALL NOT EXCEED .25 CFM/SQ. FT AT A PRESSURE DIFFERENTIAL OF 0.3 INCHES WATER GAUGE AT THE UPPER 95% CONFIDENCE INTERVAL IN ACCORDANCE WITH ASTM E779.

INCLUDE THE FOLLOWING REQUIREMENTS IN PROJECT DOCUMENTS: (1) SUBMIT BUILDING ENCLOSURE AIR LEAKAGE TEST REPORTS TO JURISDICTION AND OWNER; (2) IF INITIAL TEST RESULT EXCEEDS 0.25 CFM/FT2 (1.5 L/S*M2), INDICATE THAT INSPECTION AND ALL PRACTICAL CORRECTIVE ACTIONS BE COMPLETED AND DOCUMENTED IN THE AIR LEAKAGE TEST REPORT; (3) IF INITIAL TEST RESULT EXCEEDS 0.40 CFM/FT2 (2.0 L/S*M2), INDICATE THAT CORRECTIVE ACTIONS SHALL ALSO INCLUDE RE-TESTING; (4) INDICATE THAT CORRECTIVE MEASURES AND RETESTING MUST BE REPEATED UNTIL THE TEST RESULT IS 0.40 CFM/FT2 (2.0 L/S*M2) OR LESS; (4) INCLUDE AIR BARRIER TEST REPORT IN PROJECT CLOSE OUT DOCUMENTATION PROVIDED TO BUILDING OWNER.

PROJECT CLOSE OUT DOCUMENTATION
PROJECT CLOSE OUT DOCUMENTATION IS REQUIRED INCLUDING APPLICABLE CALCULATIONS, WSEC ENVELOPE COMPLIANCE REPORTS, AND FENESTRATION NFRC RATING CERTIFICATES

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MATTHEW NEISH
STATE OF WASHINGTON
01/31/2024
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WASHINGTON STATE PARKS AND RECREATION COMMISSION

CAPE DISAPPPOINTMENT STATE PARK

WELCOME CENTER AND ENTRANCE IMPROVEMENTS

SHOP FIRE LIFE SAFETY PLANS AND CODE SUMMARY

AA0.3

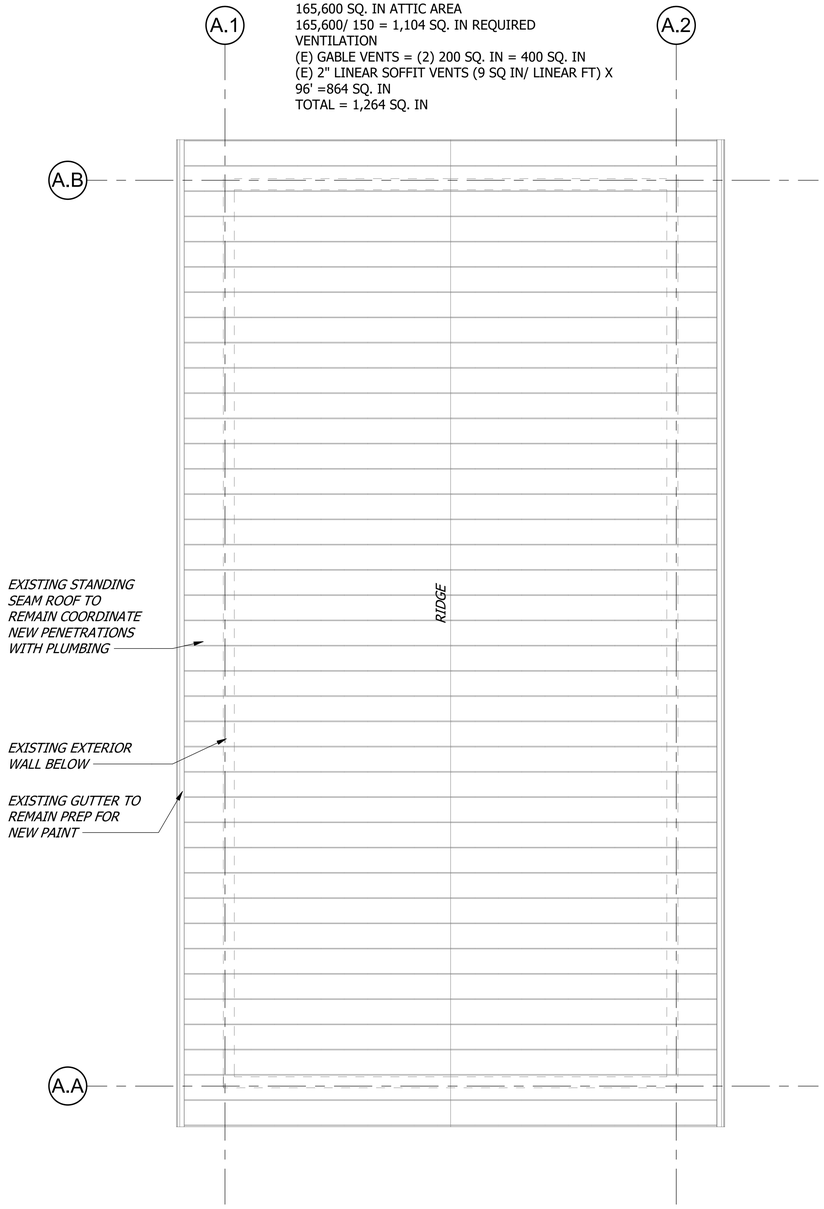
SCALE: As indicated

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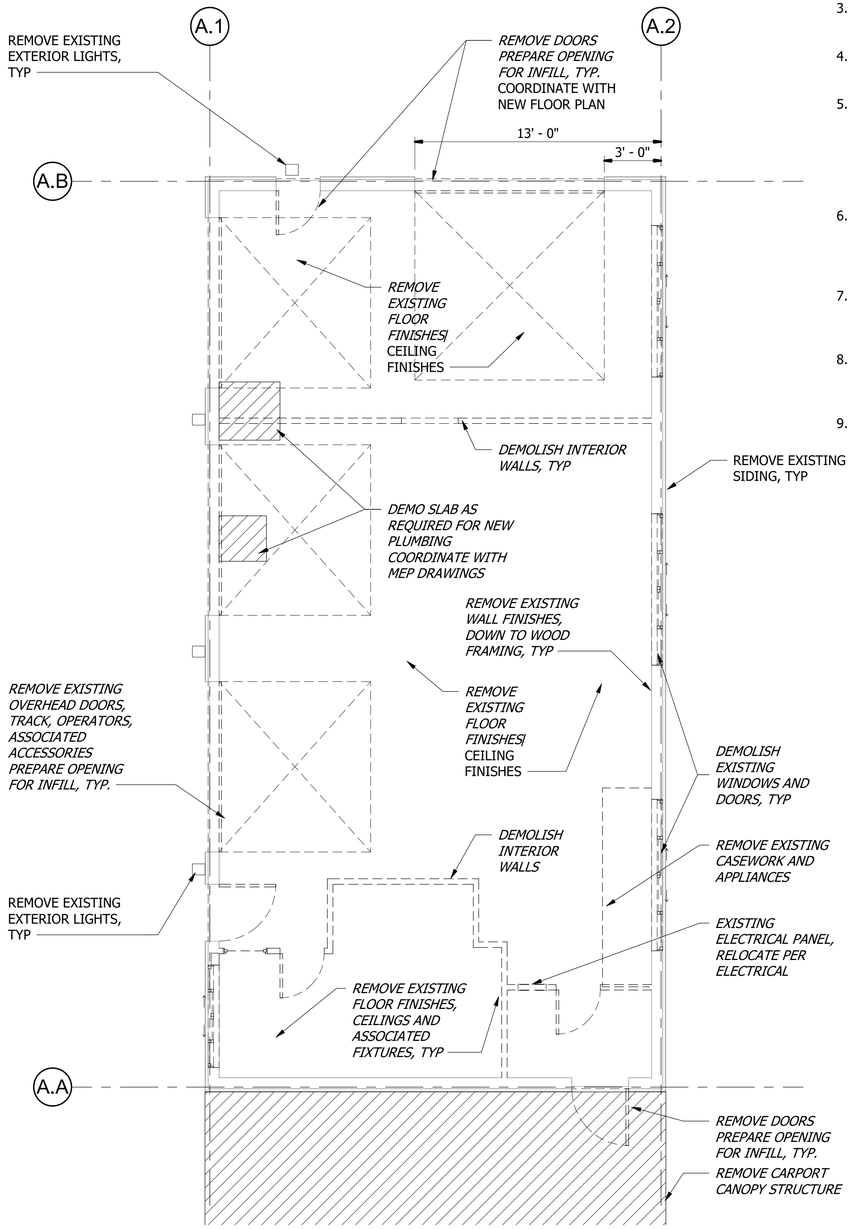
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ROOF VENTILATION CALCULATION:
165,600 SQ. IN ATTIC AREA
165,600/ 150 = 1,104 SQ. IN REQUIRED VENTILATION
(E) GABLE VENTS = (2) 200 SQ. IN = 400 SQ. IN
(E) 2" LINEAR SOFFIT VENTS (9 SQ IN/ LINEAR FT) X 96' =864 SQ. IN
TOTAL = 1,264 SQ. IN



2 AA0.4 ADMIN - ROOF DEMO PLAN
SCALE: 1/4" = 1'-0"



1 AA0.4 ADMIN - DEMO PLAN
SCALE: 1/4" = 1'-0"

DEMO PLAN NOTES

1. REMOVE ALL EXTERIOR WALL FINISHES INCLUDING SIDING, TRIM, WINDOWS DOWN TO EXISTING SHEATHING
2. REMOVE EXTERIOR LIGHTS, ELECTRICAL OUTLETS CONDUIT, SECURITY CAMERAS AND ASSOCIATED ELEMENTS. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL SCOPE
3. REMOVE ALL INTERIOR WALL AND CEILING FINISHES DOWN TO FRAMING.
4. REMOVE EXISTING LIGHTING, ELECTRICAL OUTLETS, REFER TO ELECTRICAL DRAWINGS.
5. COORDINATE LOCATIONS OF NEW DOORS AND WINDOWS SEE FLOOR PLAN AA1.1. VERIFY IN FEILD ALL NEW WINDOW AND DOOR OPENINGS ARE LOCATED IN EXISTING EXTERIOR WALL OPENINGS. NO NEW OPENS ARE ALLOWED IN EXISTING EXTERIOR WALLS.
6. EXISTING ROOF, GUTTER AND DOWNSPOUTS ARE TO REMAIN, PROTECT DURING CONSTRUCTION. TOUCH UP PAINT AS REQUIRED.
7. REMOVE EXISTING CASEWORK, FIXTURES, APPLIANCES AND ASSOCIATED ELEMENTS AS REQUIRED FOR NEW WORK
8. PATCH AND REPAIR EXISTING CONCRETE FLOOR TO BE SMOOTH AND LEVEL TO RECIEVE NEW FLOOR FINISH
9. SEE MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS FOR ADDITONAL DEMO SCOPE

1' 8' 4'

SHEET 55 OF 114

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WELCOME CENTER AND ENTRANCE IMPROVEMENTS

ADMIN DEMO PLANS

AA0.4

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

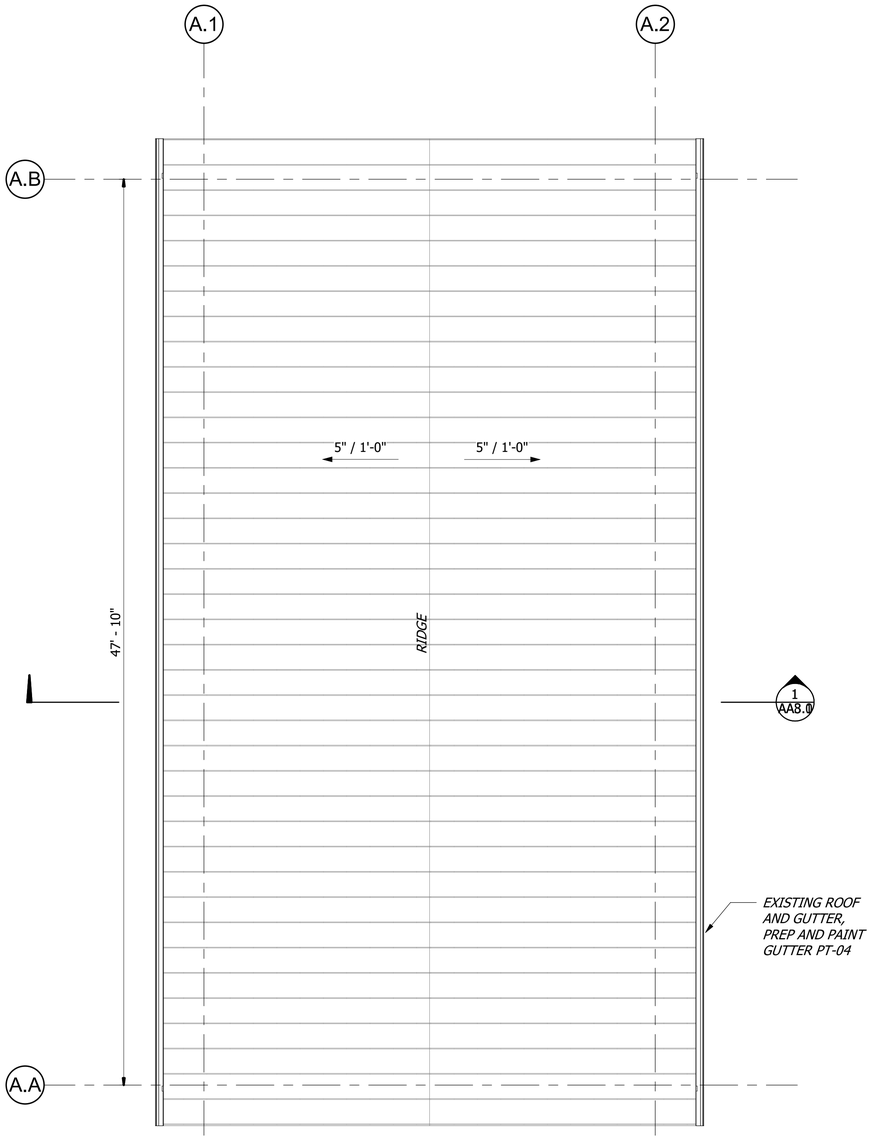
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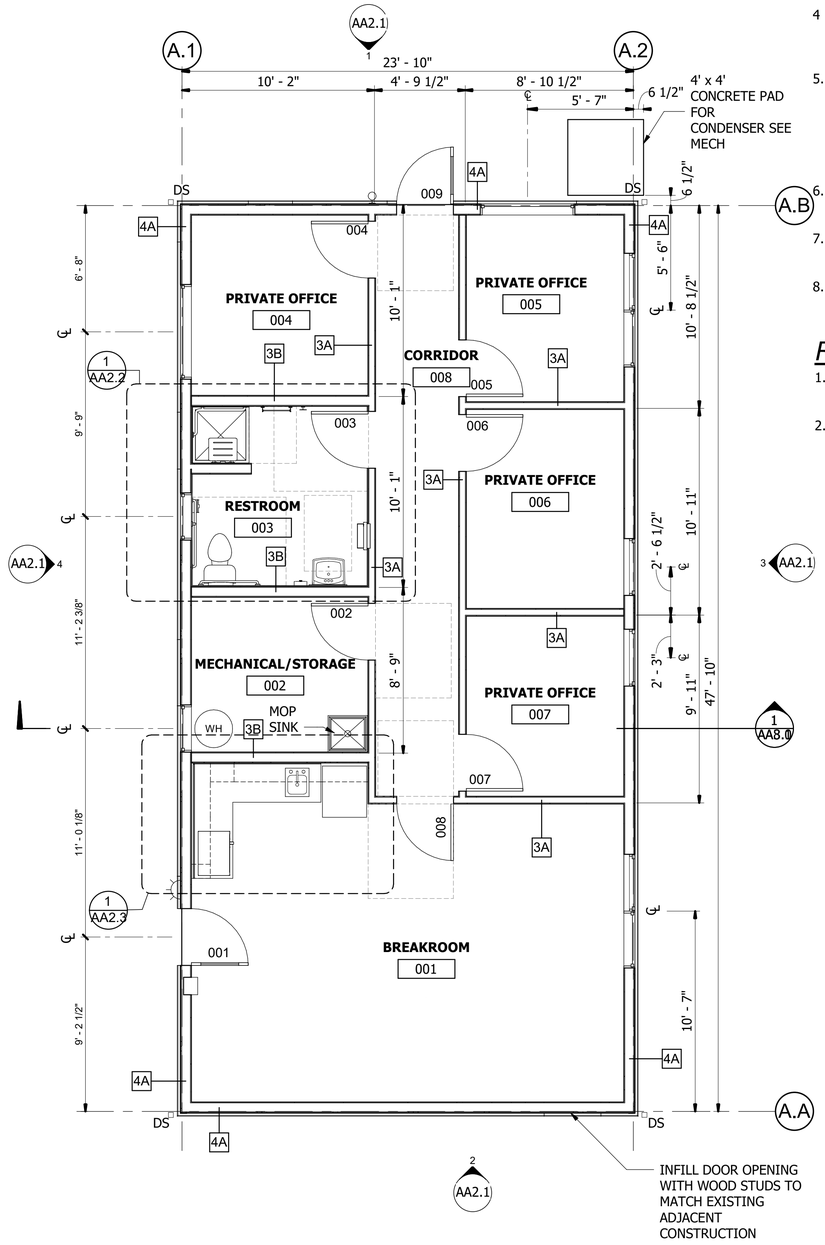
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ROOF VENTILATION CALCULATION:
165,600 SQ. IN ATTIC AREA
165,600/ 300 = 552 SQ. IN REQUIRED VENTILATION
(E) GABLE VENTS = (2) 200 SQ. IN = 400 SQ. IN
(E) VENT BLOCKS 48 X 9 SQ IN/ BLOCK = 432 SQ. IN
TOTAL PROVIDED = 832 SQ. IN
(PER 1202.2 EXCEPTION - 1/300 OF AREA REQUIRED VENTILATION IF:
1. CLASS I OR II VAPOR RETARDER INSTALLED ON WARM SIDE OF CEILING
2. 40 - 50% OF VENTILATION PROVIDED IN UPPER PORTION OF ATTIC)



2 AA1.1 **ADMIN - ROOF PLAN**
SCALE: 1/4" = 1'-0"



1 AA1.1 **ADMIN - FLOOR PLAN**
SCALE: 1/4" = 1'-0"

BUILDING PLAN NOTES

1. ALL DIMENSIONS AND GRIDS ARE TO FACE OF STUD AND EDGE OF ROUGH OPENING UNLESS OTHERWISE NOTED.
2. FOR ARCHITECTURAL ABBREVIATIONS & SYMBOL LEGEND SEE SHEET A0.1.
3. FOR CONSTRUCTION ASSEMBLY DESCRIPTIONS SEE SHEET AA6.1
4 SEE SHEET AA7.1 FOR ROOM FINISH SCHEDULE AND FOR DOOR AND WINDOW TYPES AND SCHEDULES.
5. SIDEWALKS AND PATIOS SHALL SLOPE AT 2% MAXIMUM AS SHOWN ON PLANS. WARP CONCRETE AT WALLS AND COLUMNS AS SHOWN TO FORCE WATER TO MIGRATE AWAY FROM AND AROUND WITHOUT EXCEEDING 1.5% MAXIMUM SLOPE.
6. FOR MECHANICAL SYSTEMS & EQUIPMENT SEE MECHANICAL DRAWINGS.
7. FOR ELECTRICAL LIGHTING & EQUIPMENT SEE ELECTRICAL DRAWINGS.
8. SEE 1/AA5.3 FOR TYPICAL INTERRIOR DOOR JAMB DETAIL AND DIMENSION.

ROOF PLAN NOTES

1. SEE LOWER FLOOR PLANS FOR BUILDING DIMENSIONS.
2. SEE SHEET AA5.1 FOR ROOF PENETRATIONS.

1' 4' 8'

SHEET 56 OF 114

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WELCOME CENTER AND ENTRANCE IMPROVEMENTS

ADMIN FLOOR PLAN & ROOF PLAN

AA1.1

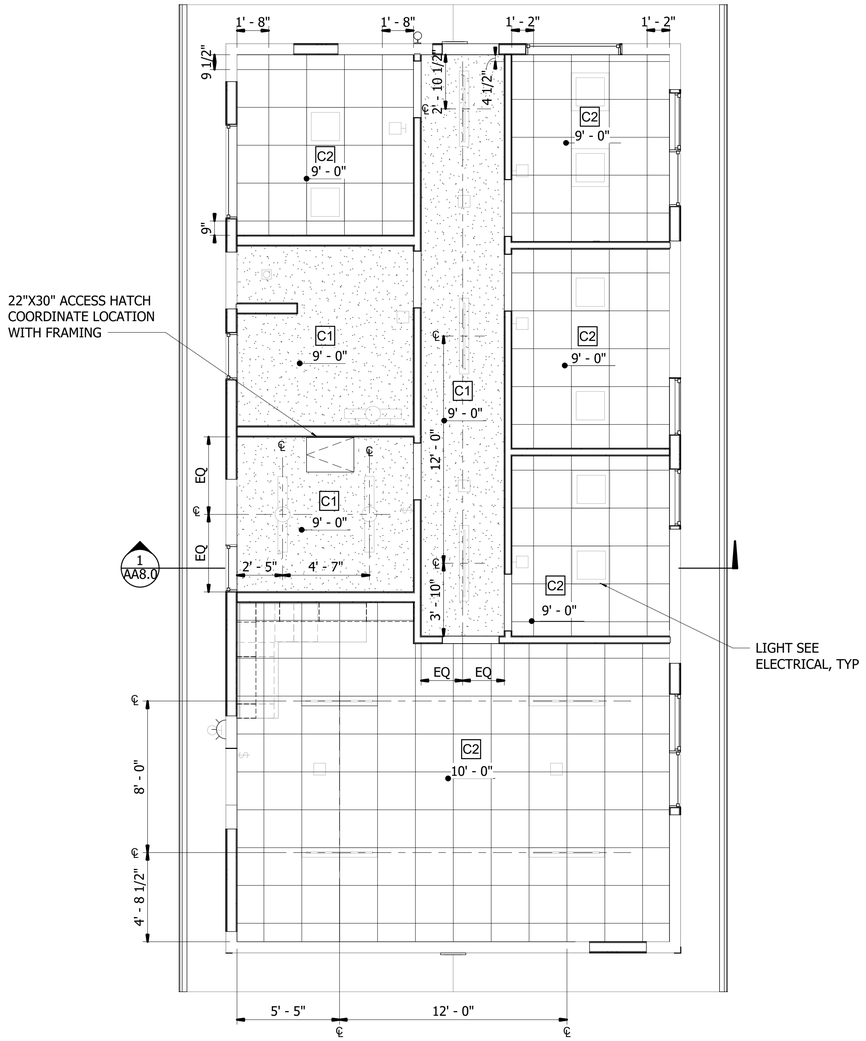
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1 AA1.2 *ADMIN - REFLECTED CEILING PLAN - LEVEL 01*

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

BUILDING PLAN NOTES

1. ALL DIMENSIONS AND GRIDS ARE TO FACE OF STUD AND EDGE OF ROUGH OPENING UNLESS OTHERWISE NOTED.
2. FOR ARCHITECTURAL ABBREVIATIONS & SYMBOL LEGEND SEE SHEET A0.1.
3. FOR CONSTRUCTION ASSEMBLY DESCRIPTIONS SEE SHEET AA6.1
4. SEE SHEET AA7.1 FOR ROOM FINISH SCHEDULE AND FOR DOOR AND WINDOW TYPES AND SCHEDULES.
5. SIDEWALKS AND PATIOS SHALL SLOPE AT 2% MAXIMUM AS SHOWN ON PLANS. WARP CONCRETE AT WALLS AND COLUMNS AS SHOWN TO FORCE WATER TO MIGRATE AWAY FROM AND AROUND WITHOUT EXCEEDING 1.5% MAXIMUM SLOPE.
6. FOR MECHANICAL SYSTEMS & EQUIPMENT SEE MECHANICAL DRAWINGS.
7. FOR ELECTRICAL LIGHTING & EQUIPMENT SEE ELECTRICAL DRAWINGS.
8. SEE 1/AA5.3 FOR TYPICAL INTERRIOR DOOR JAMB DETAIL AND DIMENSION.

LIGHTING LEGEND

- RECESSED 2'X2' LIGHT FIXTURE
- RECESSED 1'X4' LIGHT FIXTURE
- SURFACE OR PENDANT MOUNTED 1'X4' LIGHT FIXTURE
- WALL MOUNTED LIGHT FIXTURE

1' 8' 4'

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CAPE DISAPPPOINTMENT STATE PARK

WELCOME CENTER AND ENTRANCE IMPROVEMENTS

ADMIN REFLECTED CEILING PLAN

AA1.2

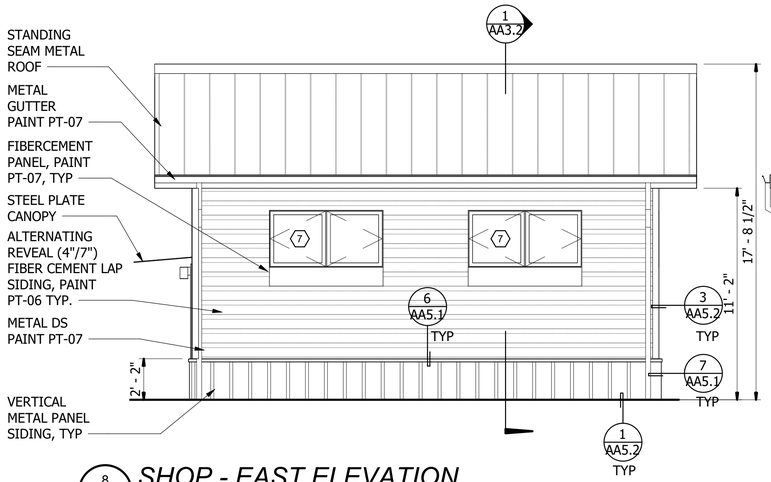
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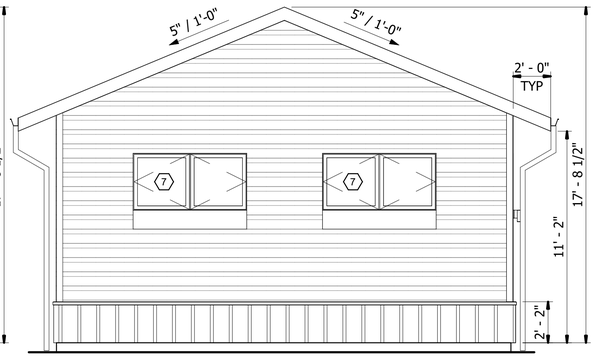
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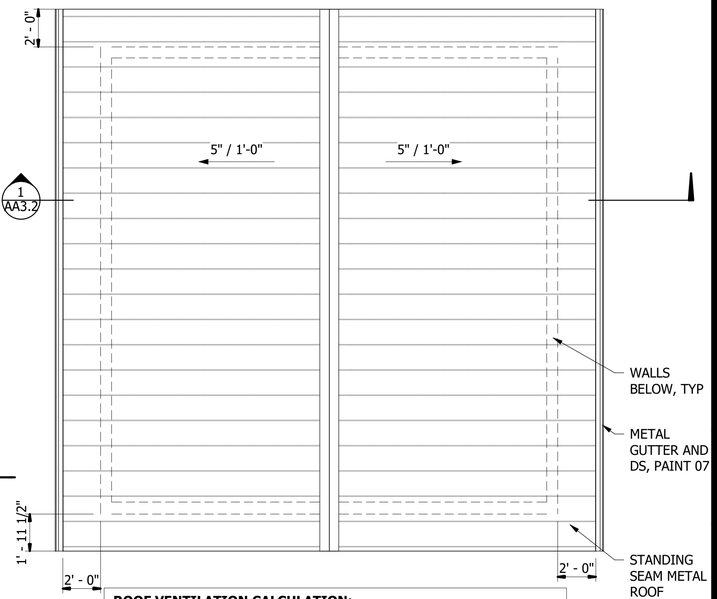
8 AA1.4 SHOP - EAST ELEVATION

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

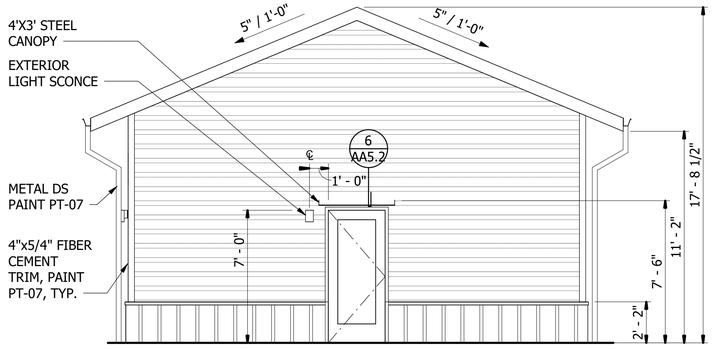


5 AA1.4 SHOP - NORTH ELEVATION

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

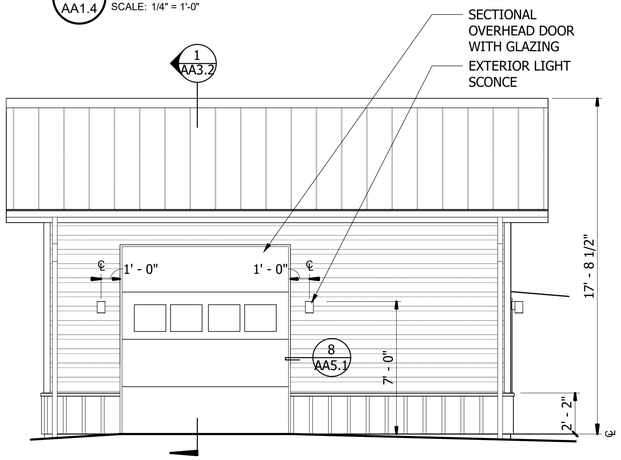


ROOF VENTILATION CALCULATION:
85,680 SQ. IN ATTIC AREA
85,680/ 300 = 286 SQ. IN REQUIRED VENTILATION
RIDGE VENT = 15 SQ. IN/ LINEAR FEET X 24.5 = 367.5 SQ. IN
VENTED EAVE BLOCKS = (24) X 9 SQ. IN / BLOCK = 216 SQ. IN
TOTAL PROVIDED = 583.5 SQ. IN
(PER 1202.2 EXCEPTION - 1/300 OF AREA REQUIRED VENTILATION IF:
1. CLASS I OR II VAPOR RETARDER INSTALLED ON WARM SIDE OF CEILING
2. 40 - 50% OF VENTILATION PROVIDED IN UPPER PORTION OF ATTIC)



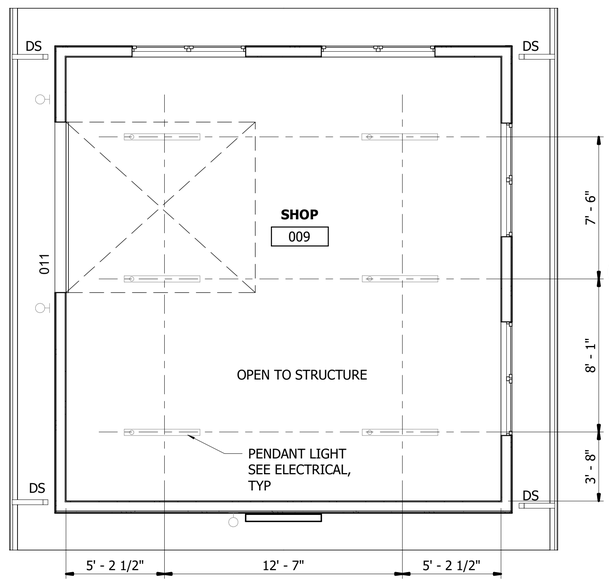
7 AA1.4 SHOP - SOUTH ELEVATION

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



6 AA1.4 SHOP - WEST ELEVATION

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

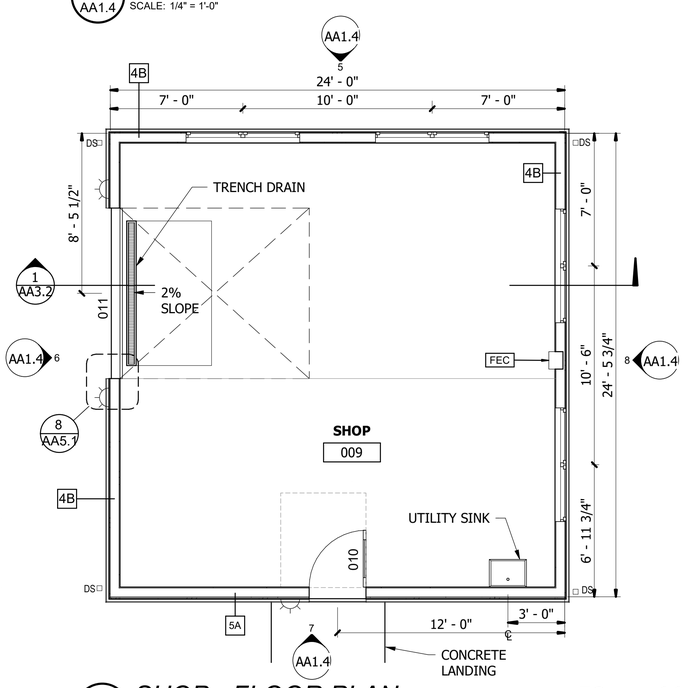


3 AA1.4 SHOP REFLECTED CEILING PLAN

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

2 AA1.4 SHOP - ROOF PLAN

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



1 AA1.4 SHOP - FLOOR PLAN

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

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WELCOME CENTER AND ENTRANCE IMPROVEMENTS

SHOP FLOOR PLAN & ROOF PLAN & REFLECTED CEILING PLAN & ELEVATIONS

AA1.4

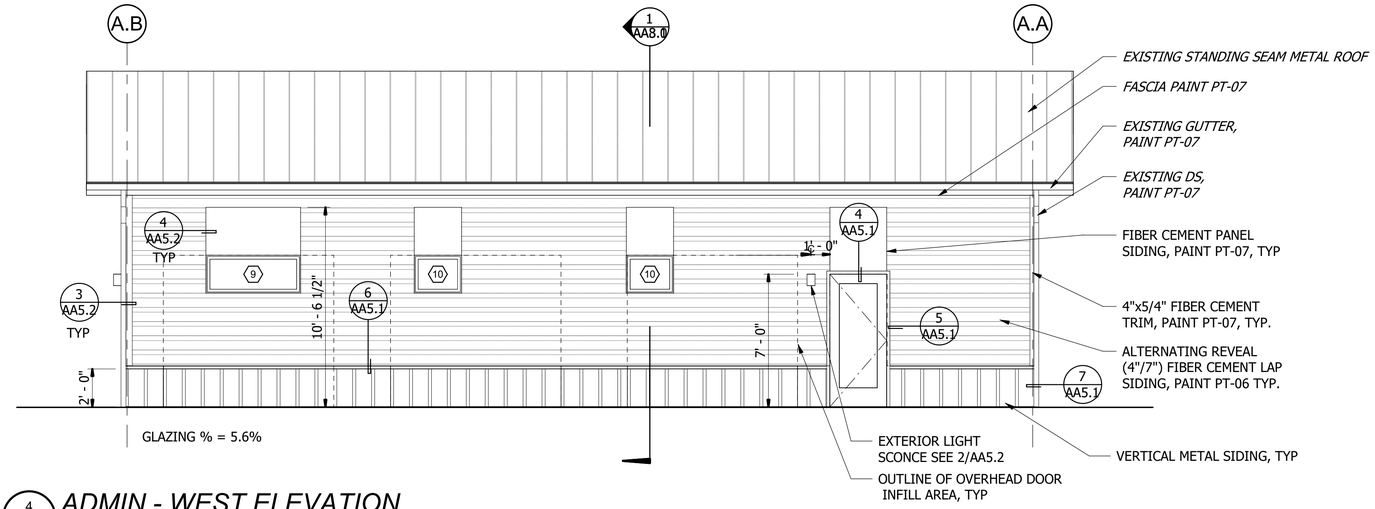
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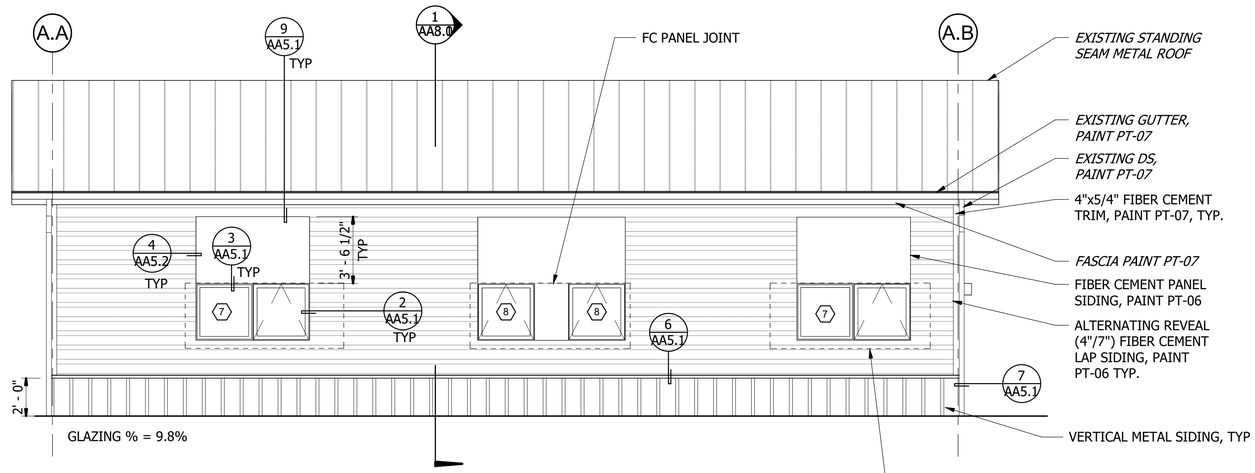
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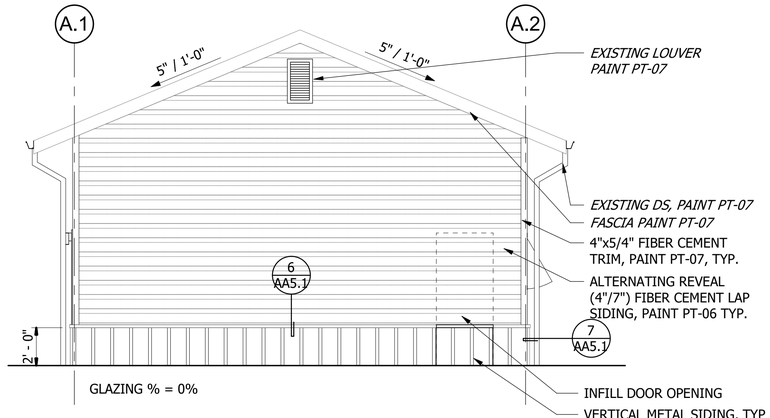
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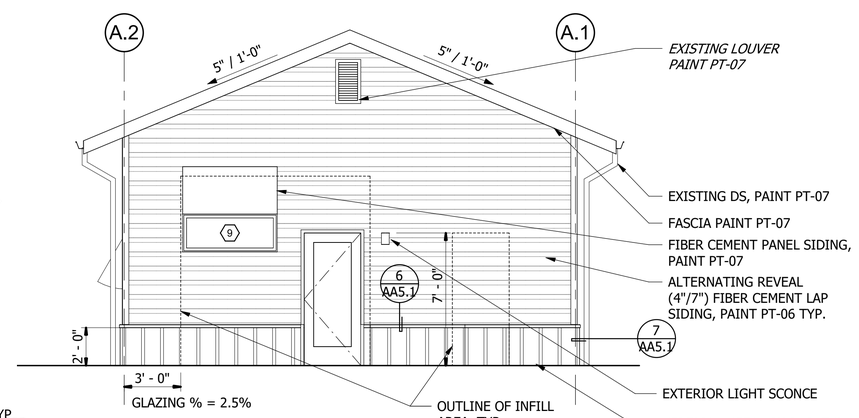
4 AA2.1 **ADMIN - WEST ELEVATION**
SCALE: 1/4" = 1'-0"



3 AA2.1 **ADMIN - EAST ELEVATION**
SCALE: 1/4" = 1'-0"



2 AA2.1 **ADMIN - SOUTH ELEVATION**
SCALE: 1/4" = 1'-0"



1 AA2.1 **ADMIN - NORTH ELEVATION**
SCALE: 1/4" = 1'-0"

ELEVATION NOTES

1. SEE BUILDING FLOOR PLANS FOR WINDOW AND DOOR TAGS AND ACTIVE PANELS
2. SEE THE SHEET AA7.1 FOR WINDOW AND DOOR SCHEDULES.
3. SIDING TYPE, REVEALS & BUILDING COLORS SHALL WRAP AROUND CORNERS INTO RECESSED AREAS UNLESS OTHERWISE NOTED.
4. SEE 3/AA5.2 FOR DETAILS AT ELECTRICAL LIGHTS, COMMUNICATION PANEL AND EQUIPMENT.
5. SEE 5/AA5.2 FOR ELECTRICAL AND MECHANICAL PENETRATIONS.
6. SEE 13/AA5.2 FOR OPENING WEATHER WRAP DETAILS.
7. SEE AA9.0 FOR MATERIALS

ELEVATION LEGEND

- VERTICAL METAL SIDING (SLATE GRAY)
- FIBER CEMENT PANEL SIDING (PT-07)
- FIBER CEMENT LAP SIDING 4"/ 7" EXPOSURE (PT-06)

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WELCOME CENTER AND ENTRANCE IMPROVEMENTS

ADMIN EXTERIOR ELEVATIONS

AA2.1

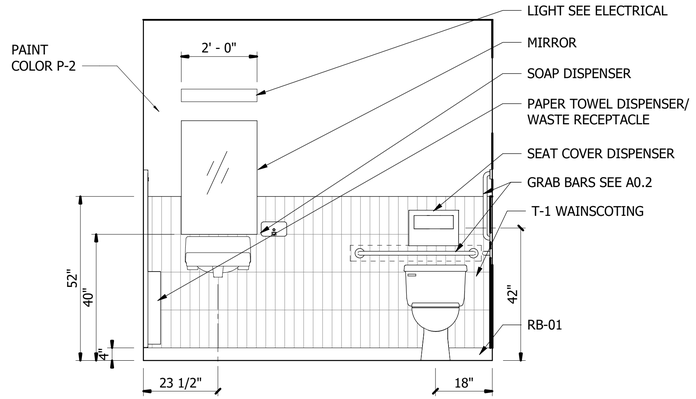
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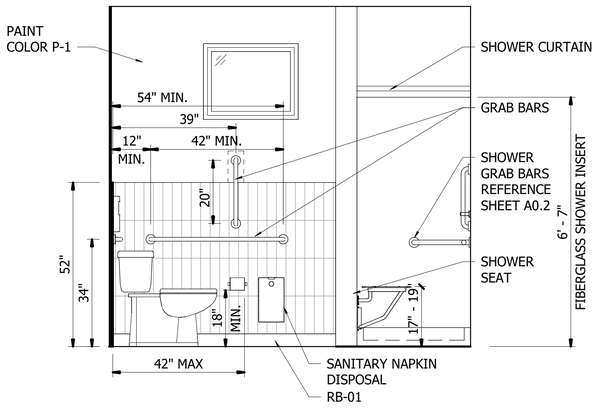
1' 4' 8'

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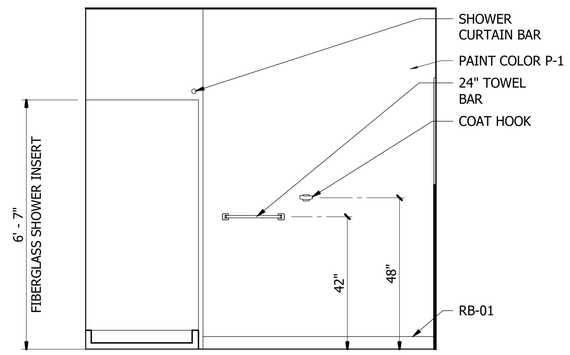
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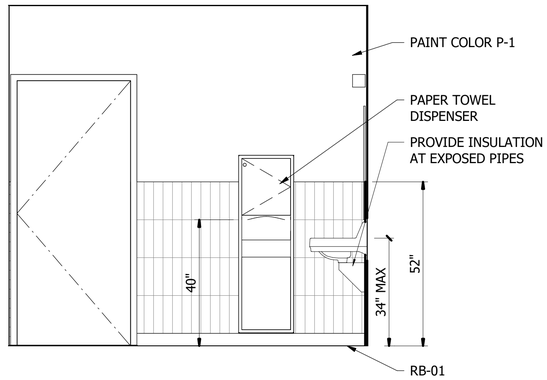
5 AA2.2 *RESTROOM 004 ENLARGED ELEV 2*
SCALE: 1/2" = 1'-0"



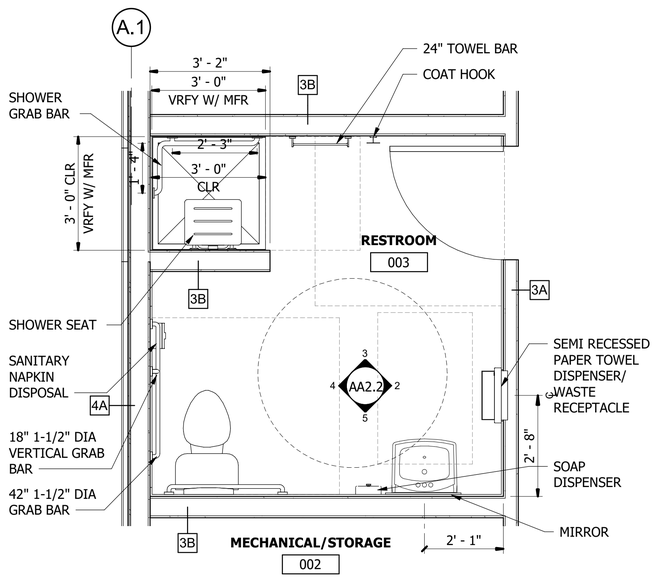
4 AA2.2 *RESTROOM 004 ENLARGED ELEV 3*
SCALE: 1/2" = 1'-0"



3 AA2.2 *RESTROOM 004 ENLARGED ELEV 4*
SCALE: 1/2" = 1'-0"



2 AA2.2 *RESTROOM/ 004 ENLARGED ELEV*
SCALE: 1/2" = 1'-0"



1 AA2.2 *ENLARGED ACCESSIBLE RESTROOM PLAN*
SCALE: 1/2" = 1'-0"

1' 3' 2'

INT ELEVATION NOTES

1. SEE A0.2 FOR ACCESSIBILITY DETAILS AND MOUNTING HEIGHTS
2. PROVIDE AND COORDINATE IN-WALL BLOCKING FOR ALL CASEGOODS AND MILLWORK WITH FABRICATOR AND GENERAL CONTRACTOR PRIOR TO INSTALLATION. PROVIDE BLOCKING FOR ALL PLUMBING ACCESSORIES (TOWEL BARS, GRAB BARS, ETC.)
3. SEE MECHANICAL ELECTRICAL AND PLUMBING DRAWINGS FOR ITEMS NOT SHOWN HERE
4. FLOORING TRANSITIONS WILL OCCUR UNDER CENTERLINE OF DOOR IN CLOSED POSITION, U.N.O.

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9277 REGISTERED ARCHITECT
MATTHEW NEISH
STATE OF WASHINGTON
01/31/2024
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WASHINGTON STATE PARKS AND RECREATION COMMISSION

CAPE DISAPPPOINTMENT STATE PARK

WELCOME CENTER AND ENTRANCE IMPROVEMENTS

ADMIN INTERIOR ELEV/ENLARGED PLANS

AA2.2

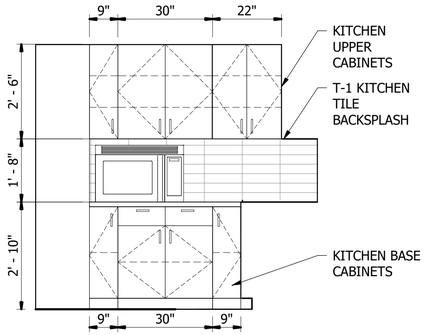
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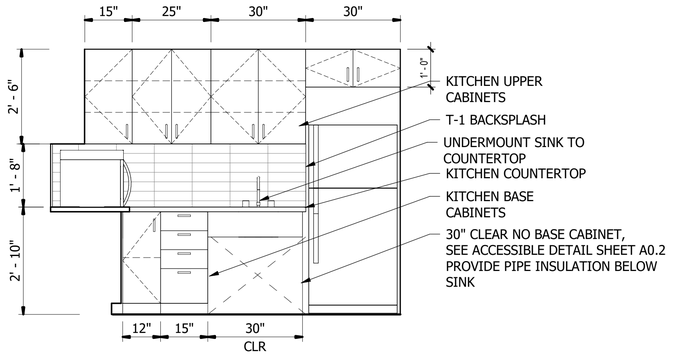
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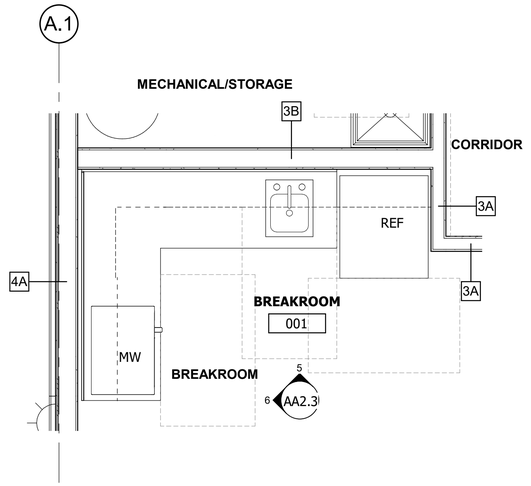
6 AA2.3 **BREAKROOM - ENLARGED ELEV 2**

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



5 AA2.3 **BREAKROOM - ENLARGED ELEV 1**

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



1 AA2.3 **ADMIN - ENLARGED KITCHEN PLAN**

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

INT ELEVATION NOTES

1. SEE A0.2 FOR ACCESSIBILITY DETAILS AND MOUNTING HEIGHTS
2. PROVIDE AND COORDINATE IN-WALL BLOCKING FOR ALL CASEGOODS AND MILLWORK WITH FABRICATOR AND GENERAL CONTRACTOR PRIOR TO INSTALLATION. PROVIDE BLOCKING FOR ALL PLUMBING ACCESSORIES (TOWEL BARS, GRAB BARS, ETC.)
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SHEET 61 OF 114

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CAPE DISAPPPOINTMENT STATE PARK

WELCOME CENTER AND ENTRANCE IMPROVEMENTS

ADMIN INTERIOR ELEV/ENLARGED PLANS

AA2.3

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

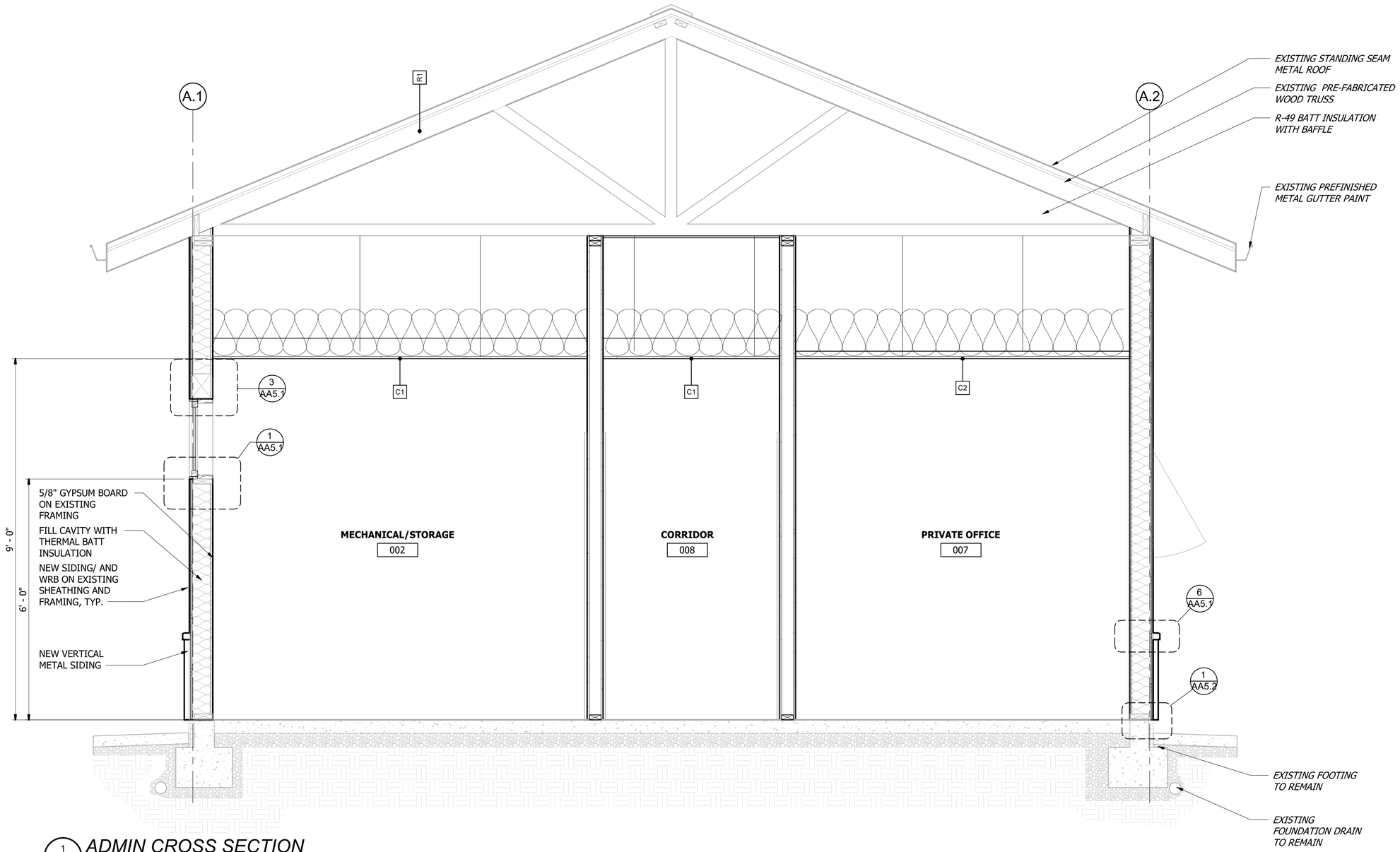
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1 AA3.1 *ADMIN CROSS SECTION*

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

SHEET 62 OF 114

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WELCOME CENTER AND ENTRANCE IMPROVEMENTS

ADMIN BUILDING SECTION

AA3.1

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

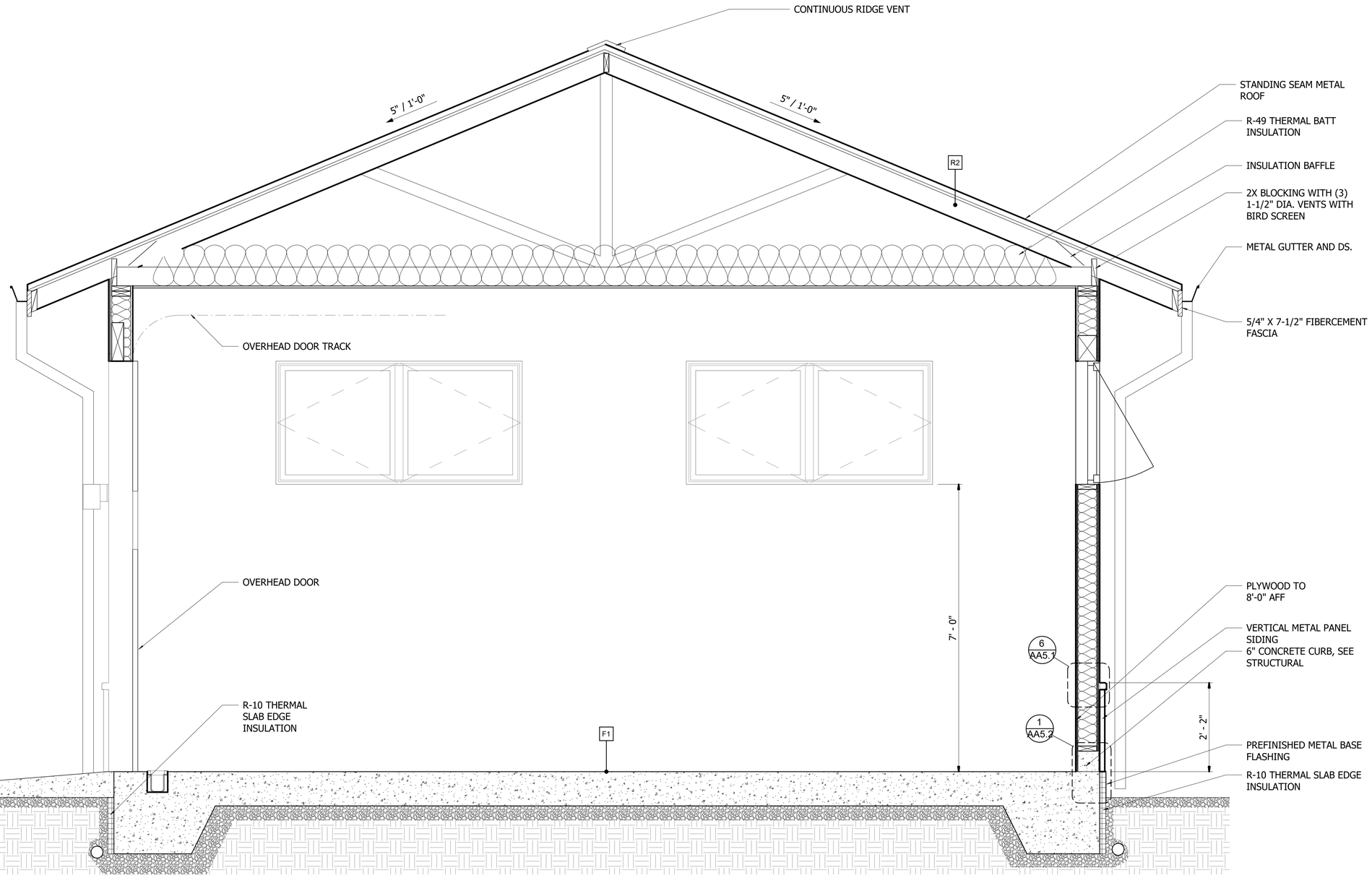
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1 AA3.2 *SHOP CROSS SECTION*

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

SHEET 63 OF 114

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CAPE DISAPPPOINTMENT STATE PARK

WELCOME CENTER AND ENTRANCE IMPROVEMENTS

SHOP BUILDING SECTION

AA3.2

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

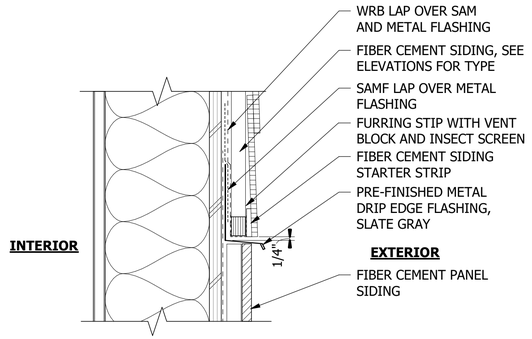
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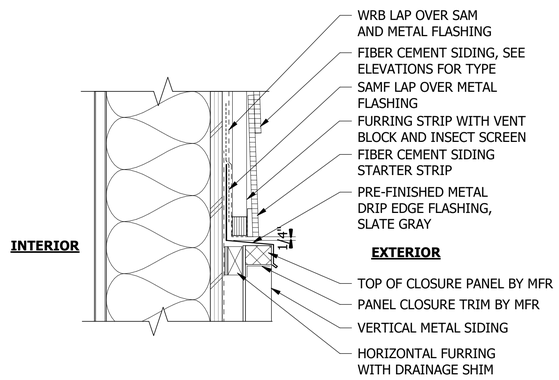
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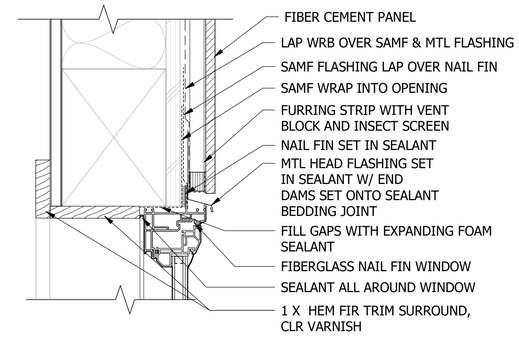
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9 AA5.1 *LAP SIDING TO F.C. PANEL*
SCALE: 3" = 1'-0"



6 AA5.1 *LAP SIDING TO METAL SIDING*
SCALE: 3" = 1'-0"

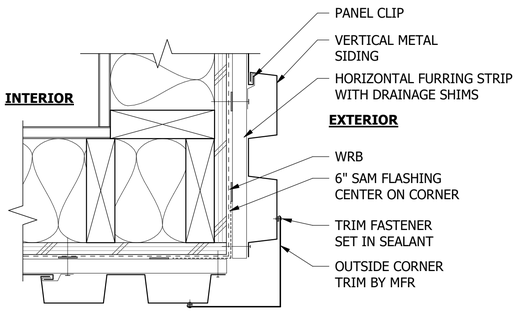


3 AA5.1 *WINDOW - HEAD*
SCALE: 3" = 1'-0"

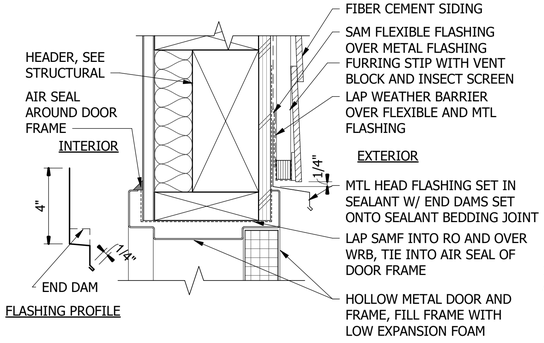
8 AA5.1 *OVERHEAD DOOR JAMB*
SCALE: 3" = 1'-0"

5 AA5.1 *DOOR JAMB AT FC PANEL*
SCALE: 3" = 1'-0"

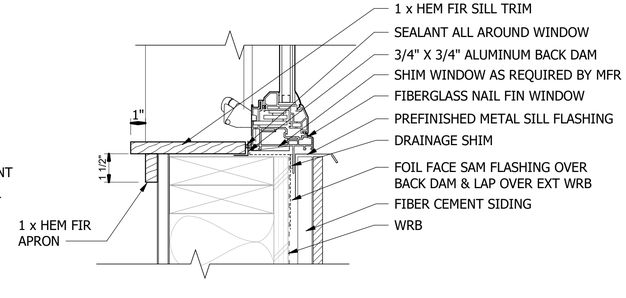
2 AA5.1 *WINDOW- JAMB*
SCALE: 3" = 1'-0"



7 AA5.1 *METAL SIDING CORNER*
SCALE: 3" = 1'-0"



4 AA5.1 *DOOR HEAD - SECTION*
SCALE: 3" = 1'-0"



1 AA5.1 *WINDOW SILL*
SCALE: 3" = 1'-0"

SHEET 64 OF 114

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WELCOME CENTER AND ENTRANCE IMPROVEMENTS

ADMIN DETAILS - EXTERIOR

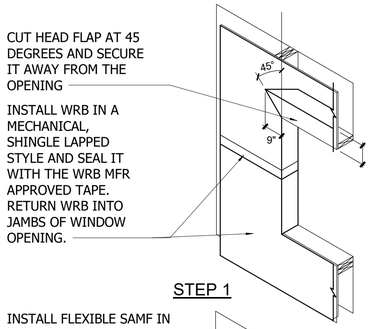
AA5.1

SCALE: 3" = 1'-0"

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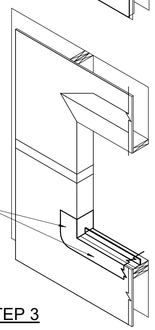


CUT HEAD FLAP AT 45 DEGREES AND SECURE IT AWAY FROM THE OPENING

INSTALL WRB IN A MECHANICAL, SHINGLE LAPPED STYLE AND SEAL IT WITH THE WRB MFR APPROVED TAPE. RETURN WRB INTO JAMBS OF WINDOW OPENING.

STEP 1

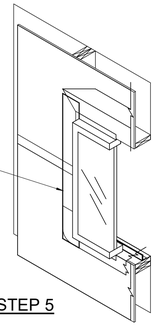
NOTE:
CHECK WINDOW OPENING FOR LEVEL, PLUMB AND SQUARENESS. VERIFY OPENING WILL ENABLE MFR CLEARANCE AT HEAD AND JAMBS OF WINDOW. IF THESE CLEARANCES ARE NOT AVIALABLE, THE WINDOW SHALL NOT BE INSTALLED AND THE CONSTRUCTION SUPERINTENDENT SHOULD BE NOTIFIED.



INSTALL FLEXIBLE SAMF IN THE WINDOW SILL AND EXTEND UP JAMBS 6" ON EACH SIDE OVER THE WRB PRESS THE FLASHING ALONG THE FRONT OF THE SILL AND INTO THE CORNERS USING A ROLLER TO ROLL IT DOWN FIRMLY FOR GOOD ADHESION TO CREATE WINDOW PAN.THEN INSTALL WINDOW PAN WITH SIDE DAMS/ BACK DAMS

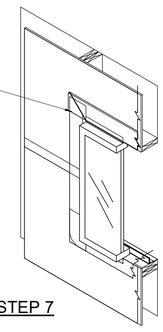
STEP 3

NOTES:
1. INSPECT WINDOW FRAME MITER JOINTS AND NAILING FLANGES FOR DAMAGE AND REPAIR AS NECESSARY.
2. NO WINDOW GAPS ARE ALLOWED AT THE WALL FINS OF FACTORY MULLED WINDOWS
3. CHECK WINODW FOR PROPER TYPE AND SIZE FOR LOCATION.
4. AFTER THE WINDOW IS PUT INTO THE ROUGH OPENING IT SHALL BE ADJUSTED TO ENABLE THE MFR MIN AIRSPACE BETWEEN THE WINDOW AND THE JAMBS AND HEAD.
5. INSTALL WINDOW UNIT PER MFR INSTRUCTIONS WITH MFR RECOMMENDED MATERIALS AND FASTENERS. CLEAN WINDOW SEALANT OFF BUILDING SUBSTRATE, WRB AND WINDOW FIN. DO NOT INSTALL SAMF UNTIL WINDOW SEALANT HAS CURED.
6. DO NOT SECURE WINDOW THROUGH NAIL FIN AT HEAD OF WINDOW UNLESS APPROVED BY WINDOW MFR.



INSTALL 6" WIDE SAMF ON EA SIDE OF THE WINDOW JAMB OVER THE WRB AND WINDOW FLANGE SAMF SHALL BE ROLLED DOWN WITH SMALL HARD ROLLER TO ENSURE PROPER ADHESION.

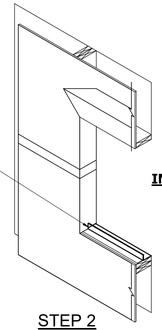
STEP 5



LOWER THE HEAD FLAP OF THE WRB OVER THE HEAD AND JAMB SAMF.

STEP 7

NOTE: THESE DETAILS ARE BASED ON AAMA 2400 METHOD B. SEE AAMA 2400 FOR FULL WRITTEN DESCRIPTION OF SYSTEM INSTALL WINDOWS PER MFR RECOMMENDATIONS, NOTIFY ARCHITECT IF CONFLICTS OCCUR.



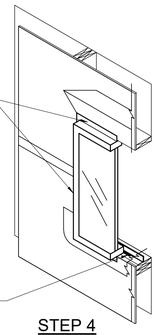
FASTEN ALUMINUM ANGLE BACK DAM. POSTION IT 1/2" FROM THE BACK OF THE OPENING WITH ENOUGH SPACE FOR INSTALLATION OF WINDOW

STEP 2

SHIM & ADJUST WINDOW TO ACHIEVE SQUARE, PLUM & LEVEL CONDITION USE CORROSION RESISTANT FASTENERS.
INSTALL THE WINDOW BY APPLYING A CONT. BEAD OF THE MFR APPROVED SEALANT BEHIND THE JAMB AND HEAD FLANGES ONLY (NEVER THE SILL) AND SECURE IT TO THE FRAMED OPENING PER THE WINDOW MFR SPEC

NOTE:
CONFIRM SEALANT IS COMPATIBLE WITH SAMF BEFORE USING IN WINDOW INSTALLATION

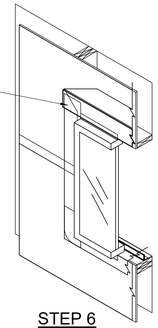
PROVIDE SEALANT DAM IMMEDIATELY BEHIND WINDOW AT THE INTERIOR OF SILL AND UP JAMBS 1" AFTER WINDOW INSTALLATION



STEP 4

INSTALL 6" WIDE SAMF ACROSS THE WINDOW HEAD. EXTEND BEYOND THE JAMB SAMF

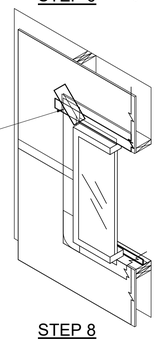
NOTES:
1. JAMB SAMF SHALL BE INSTALLED SO THAT THE HEAD SAMF WILL LAP OVER A MIN OF 1" AT THE HEAD
2. INSTALL OPENING HEAD FLASHING JUST AFTER THIS STEP AND BEFORE NEXT STEP WHEN NOTED IN DETAIL.
3. WHEN OPENING HEAD FLASHING IS TO BE INSTALLED PER DETAILS, SEAL WRB TO HEAD FLASHING WITH SAMF.



STEP 6

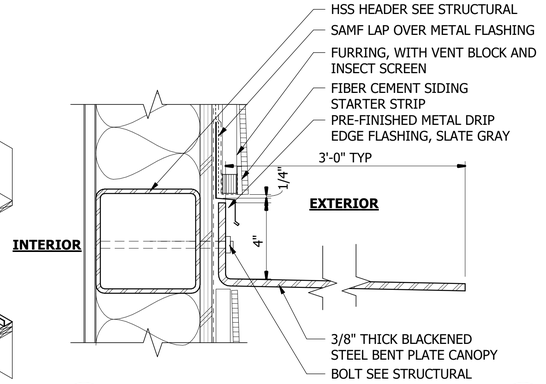
TAPE THE 45 DEG CUTS WITH SAMF
TAPE THE WRB DOWN ACROSS THE WINDOW HEAD PRIOR TO SIDING

NOTE:
APPLY EXTERIOR TRIM, TRIM FLASHING AND SIDING ONLY AFTER ALL THESE STEPS ARE COMPLETE.

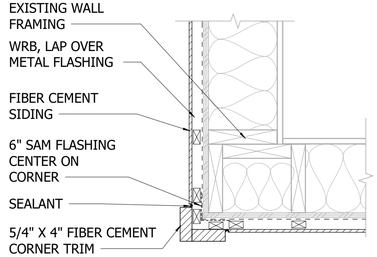


STEP 8

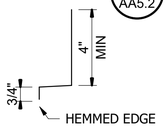
13 AA5.2 **WINDOW WRAP SEQUENCE ADMIN**
SCALE: 1/2" = 1'-0"



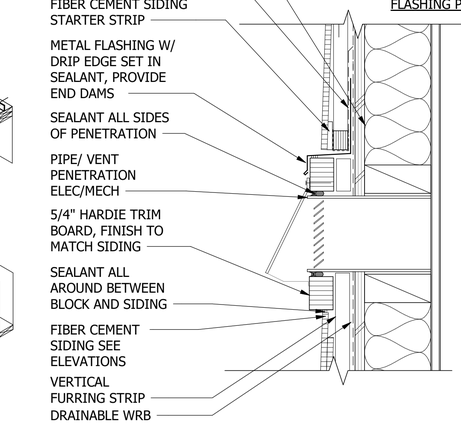
6 AA5.2 **METAL CANOPY**
SCALE: 3" = 1'-0"



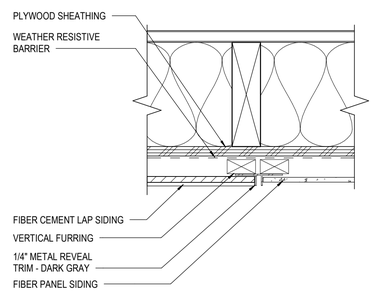
3 AA5.2 **FIBER CEMENT SIDING AT CORNER**
SCALE: 1 1/2" = 1'-0"



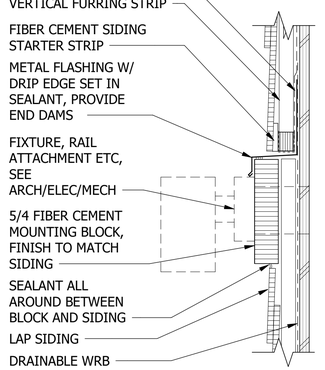
FLASHING PROFILE

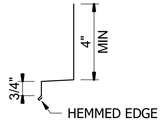


5 AA5.2 **SIDING PENETRATION**
SCALE: 3" = 1'-0"



4 AA5.2 **FC PANEL TO SIDING JOINT**
SCALE: 3" = 1'-0"

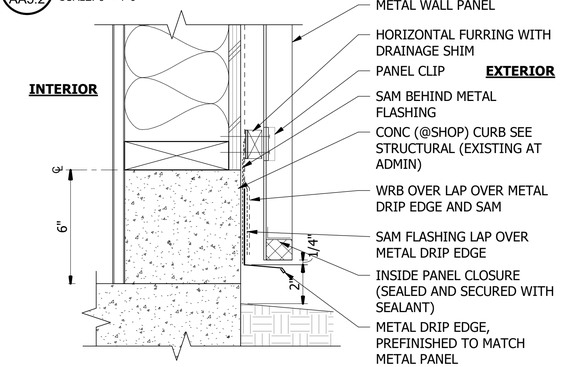




FLASHING PROFILE

NOTE:
PROVIDE SEALANT AT TOP OF MOUNTED ITEM AND ELECTRICAL CONNECTION WHERE APPLICABLE

2 AA5.2 **SIDING MOUNTING BLOCK**
SCALE: 3" = 1'-0"



1 AA5.2 **METAL SIDING BASE TERMINATION**
SCALE: 3" = 1'-0"

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STAMP - ARCHITECT

WASHINGTON STATE PARKS AND RECREATION COMMISSION

CAPE DISAPPPOINTMENT STATE PARK

WELCOME CENTER AND ENTRANCE IMPROVEMENTS

ADMIN DETAILS - EXTERIOR

AA5.2

SCALE: As indicated

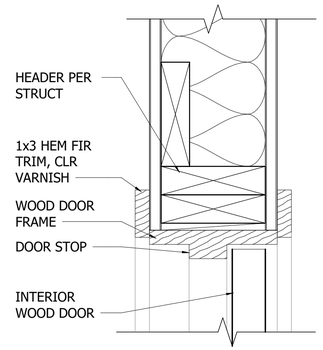
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If this drawing is not 22" x 34", it has been reduced/enlarged. Scale accordingly.

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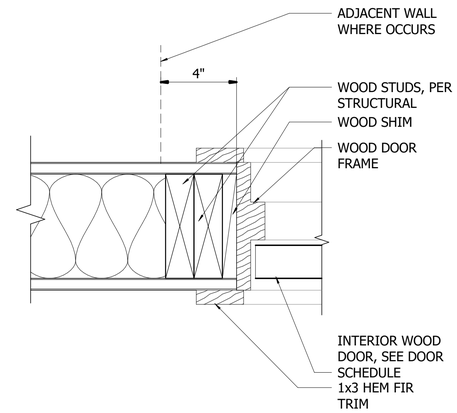
SHEET 65 OF 114

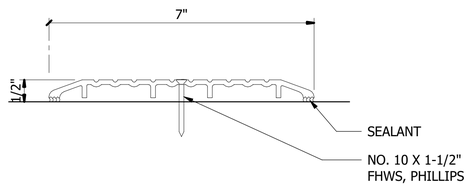
Plot Date: 2/2/2024 11:38:39 AM
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2 AA5.3 *TYP. INTERIOR DOOR HEAD*

SCALE: 3" = 1'-0"





3 AA5.3 *TYP. THRESHOLD DETAIL*

SCALE: 6" = 1'-0"

1 AA5.3 *TYP. INTERIOR DOOR JAMB*

SCALE: 3" = 1'-0"

SHEET 66 OF 114

CAD NO: Autodesk Docs://33427 - Cape Disappointment/33427 - Cape Disappointment.rvt

NO.	REVISIONS	INT.	APP.	DATE

ACTION	BY	DATE
DESIGNED	PP,AP	1/31/24
DRAWN	PP,AP	1/31/24
CHECKED (FIELD)	-	-
CHECKED (HDQTS.)	-	-

9277 REGISTERED ARCHITECT
MATTHEW NEISH
STATE OF WASHINGTON
01/31/2024

STAMP - ARCHITECT

WASHINGTON STATE PARKS AND RECREATION COMMISSION

CAPE DISAPPPOINTMENT STATE PARK

WELCOME CENTER AND ENTRANCE IMPROVEMENTS

ADMIN DETAILS - INTERIOR

AA5.3

SCALE: As indicated

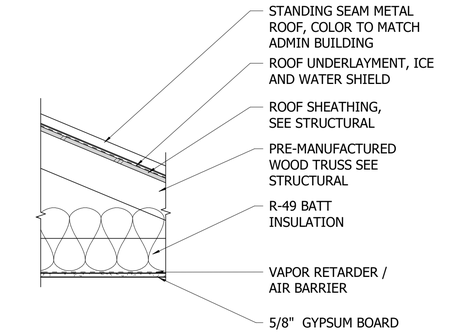
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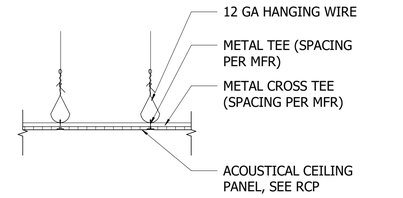
Plot Date: 2/2/2024 11:38:39 AM

Revit File: Autodesk Docs://33427 - Cape Disappointment/33427 - Cape Disappointment.rvt



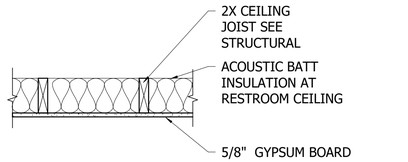
R2 TRUSS ROOF - SHOP

ASSEMBLY: N/A FIRE: NR STC: N/A



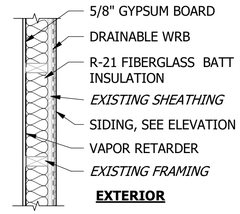
C2 ACOUSTICAL CEILING TILE

ASSEMBLY: N/A FIRE: NR STC: N/A



C1 GYPSUM BOARD CEILING

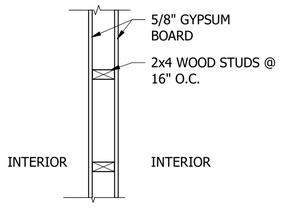
ASSEMBLY: N/A FIRE: NR STC: N/A



4B STUDS TO BE NEW 2 X 6 WOOD STUD @ 16" O.C.

4A EXTERIOR WALL - SIDING - EXISTING FRAMING

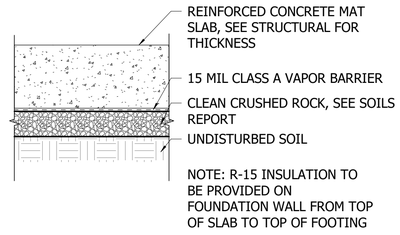
ASSEMBLY: N/A FIRE: NR STC: N/A



3B STUDS TO BE 2 X 6 WOOD STUD @ 16" O.C.

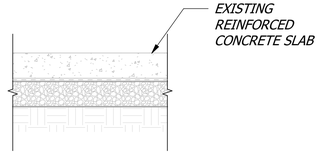
3A INTERIOR WALL - NON RATED

ASSEMBLY: N/A FIRE: NR STC: N/A



F1 SLAB - ON GRADE

ASSEMBLY: N/A FIRE: NR STC: N/A



F2 EXISTING SLAB - ON GRADE

ASSEMBLY: N/A FIRE: NR STC: N/A

ASSEMBLY NOTES

1. SEE STRUCTURAL FOR SHEAR WALL LOCATIONS. ADD SHEATHING TO ASSEMBLY AS REQUIRED BY STRUCTURAL ENGINEER. WHERE A NON-SHEAR WALL EXTENDS AND ALIGNS PARALLEL WITH A SHEAR WALL, PROVIDE ADDITIONAL SHEATHING LAYERS TO THE NON-SHEAR WALL TO PROVIDE CONTINUOUS FACE OF FINISH.
2. LOCATE THERMAL INSULATION ON THE COLD SIDE (IN WINTER) OF DOMESTIC WATER PIPES AS REQUIRED TO PROTECT PIPES FROM FREEZING.
3. PROVIDE ADDITIONAL FRAMING, BLOCKING, AND FINISHES AS REQUIRED FOR PLUMBING ACCESS PANELS.
4. PROVIDE ADDITIONAL BLOCKING AS REQUIRED TO SUPPORT SHELVING, TOWEL BARS, RAILINGS, AND ALL OTHER WALL-MOUNTED ACCESSORIES AND EQUIPMENT.

CAD NO: Autodesk Docs://33427 - Cape Disappointment/33427 - Cape Disappointment.rvt

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WASHINGTON STATE PARKS AND RECREATION COMMISSION

CAPE DISAPPPOINTMENT STATE PARK

WELCOME CENTER AND ENTRANCE IMPROVEMENTS

ADMIN CONSTRUCTION ASSEMBLIES

AA6.1

SCALE: 1" = 1'-0"

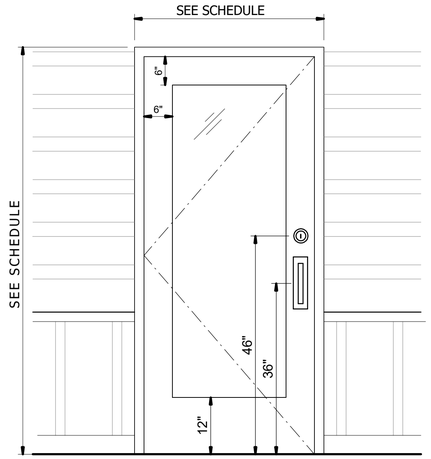
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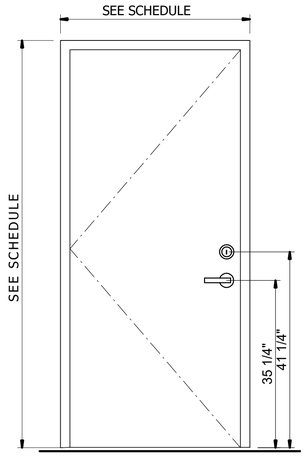
PARKS FILE#

Plot Date: 2/2/2024 11:38:39 AM

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A. EXTERIOR DOOR



B.INTERIOR DOOR

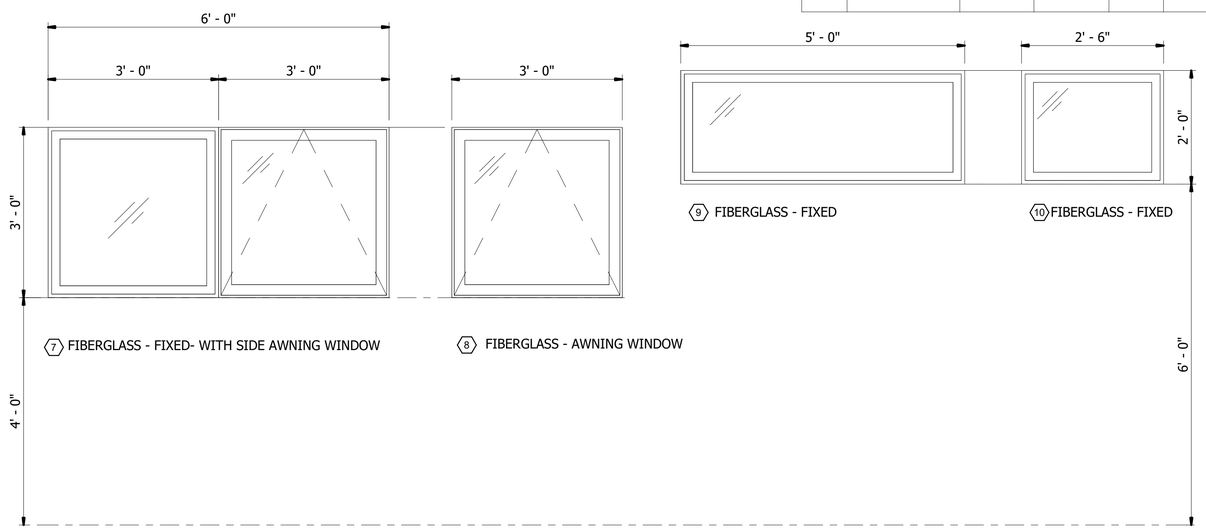
ROOM FINISH SCHEDULE ADMIN

ROOM NO	ROOM NAME	FLOOR MATERIAL / FINISH	BASE MATERIAL / FINISH	WALL MATERIAL / FINISH	CEILING MATERIAL / FINISH	COMMENTS
001	BREAKROOM	LVT-01	RB-01	PT-01/ T-1	PT-01	SEE INTERIOR ELEVATIONS FOR KITCHEN
002	MECHANICAL/STORAGE	CONC-01	RB-01	PT-01	PT-01	
003	RESTROOM	T-2	RB-01	PT-01/ PT-02/ T-1	PT-01	SEE INTERIOR ELEVATIONS
004	PRIVATE OFFICE	CPT-01	RB-01	PT-05	PT-01	
005	PRIVATE OFFICE	CPT-01	RB-01	PT-05	PT-01	
006	PRIVATE OFFICE	CPT-01	RB-01	PT-05	PT-01	
007	PRIVATE OFFICE	CPT-01	RB-01	PT-05	PT-01	
008	CORRIDOR	LVT-01	RB-01	PT-01	PT-01	

INTERIOR FINISH LEGEND			
SC	CONCRETE, SEALED	RB-01	4" RUBBER WALL BASE
CPT-01	CARPET TILE	T-1	TILE - WHITE 4X12
LVT-01	LUXURY VINYL TILE	T-2	TILE - GREY 12X24
PT-01	PAINT, COLOR 1 - SNOWBOUND		
PT-02	PAINT, COLOR 2 - SMOKEY AZURITE		
PT-03	PAINT, COLOR 3 - SUCCULENT		
PT-04	PAINT, COLOR 4 - BROWN		
PT-05	PAINT, COLOR 5 - TOUCH OF SAND		

DOOR SCHEDULE - ADMIN

DOOR NO	LOCATION	OPENING WIDTH	HEIGHT	DOOR				FRAME				FIRE RATING	COMMENTS
				DOOR TYPE	THICKNESS	MATERIAL	FINISH	MATERIAL	LATCH PULL	LOCK	HINGES		
001	BREAKROOM	3' - 0"	7' - 0"	A	1 3/4"	FIBERGLASS	PT	WOOD	S.S PULL	S.S. DEAD BOLT W/ PULL HANDLES	S.S. 4X4 W/ ANTI-VANDAL PIN 1-1/2PR	NR	FIBERGLASS DOOR WITH GLAZING
002	RESTROOM	3' - 0"	7' - 0"	B	1 1/2"	WOOD - SC	PRE-FIN	WOOD	LEVER	KNOB LOCK	BRASS W/ DULL CHROME FINISH 4X4	NR	PROVIDE PRIVACY LOCK
003	RESTROOM	3' - 0"	7' - 0"	B	1 1/2"	WOOD - SC	PRE-FIN	WOOD	LEVER	KNOB LOCK	BRASS W/ DULL CHROME FINISH 4X4	NR	PROVIDE PRIVACY LOCK
004	RESTROOM	3' - 0"	7' - 0"	B	1 1/2"	WOOD - SC	PRE-FIN	WOOD	LEVER	KNOB LOCK	BRASS W/ DULL CHROME FINISH 4X4	NR	PROVIDE PRIVACY LOCK
005	PRIVATE OFFICE	3' - 0"	7' - 0"	B	1 1/2"	WOOD - SC	PRE-FIN	WOOD	S.S PULL	S.S. DEAD BOLT W/ PULL HANDLES	S.S. 4X4 W/ ANTI-VANDAL PIN 1-1/2PR	NR	
006	PRIVATE OFFICE	3' - 0"	7' - 0"	B	1 1/2"	WOOD - SC	PRE-FIN	WOOD	S.S PULL	S.S. DEAD BOLT W/ PULL HANDLES	S.S. 4X4 W/ ANTI-VANDAL PIN 1-1/2PR	NR	
007	PRIVATE OFFICE	3' - 0"	7' - 0"	B	1 1/2"	WOOD - SC	PRE-FIN	WOOD	S.S PULL	S.S. DEAD BOLT W/ PULL HANDLES	S.S. 4X4 W/ ANTI-VANDAL PIN 1-1/2PR	NR	
008	HALL	3' - 0"	7' - 0"	B	1 1/2"	WOOD - SC	PRE-FIN	WOOD	S.S PULL	S.S. DEAD BOLT W/ PULL HANDLES	S.S. 4X4 W/ ANTI-VANDAL PIN 1-1/2PR	NR	
009	HALL	3' - 0"	7' - 0"	A	1 3/4"	FIBERGLASS	PRE-FIN	WOOD	S.S PULL	S.S. DEAD BOLT W/ PULL HANDLES	S.S. 4X4 W/ ANTI-VANDAL PIN 1-1/2PR	NR	FIBERGLASS DOOR WITH GLAZING
010	SHOP	3' - 0"	7' - 0"	A	1 3/4"	SC	PRE-FIN	WOOD	S.S PULL	S.S. DEAD BOLT W/ PULL HANDLES	S.S. 4X4 W/ ANTI-VANDAL PIN 1-1/2PR	NR	FIBERGLASS DOOR WITH GLAZING
011	SHOP	9' - 0"	10' - 0"		1 1/2"	ALUM	PRE-FIN	STEEL	MFR			NR	OVERHEAD GARAGE DOOR



SCHEDULE ABBREVATIONS	
ALUM	ALUMINUM
HM	HOLLOW METAL
MFR	MANUFACTURER
PRE-FIN	PREFINISHED
PRE-PR	PREPRIMED
PT	PAINTED
SC	SOLID CORE PRIMED HARDBOARD
WD	WOOD

NOTES

1. SEE SHEET AA5.1 FOR DOOR HEAD AND JAMB DETAIL INFORMATION.
2. ALL DOORS SHALL BE ACCESSIBLE AND HAVE LEVER DOOR HARDWARE.8.5 LBS MAXIMUM OPENING FORCE ON EXTERIOR DOORS HARDWARE OPERABLE BY WRIST OR ARM PRESSURE, OPERABLE MOUNTING HEIGHT 36"-48" ABOVE FLOOR
3. PROVIDE THRESHOLD PER DETAIL 3/AA5.3 AND WEATHER STRIPING AT EXTERIOR DOORS

WINDOWS TYPES

CAD NO: Autodesk Docs://33427 - Cape Disappointment/33427 - Cape Disappointment.rvt

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DRAWN	PP,AP	1/31/24
CHECKED (FIELD)	-	-
CHECKED (HDQTS.)	-	-

9277 REGISTERED ARCHITECT
MATTHEW NEISH
STATE OF WASHINGTON
01/31/2024
STAMP - ARCHITECT

WASHINGTON STATE PARKS AND RECREATION COMMISSION

CAPE DISAPPPOINTMENT STATE PARK

WELCOME CENTER AND ENTRANCE IMPROVEMENTS

ADMIN SCHEDULES

AA7.1

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

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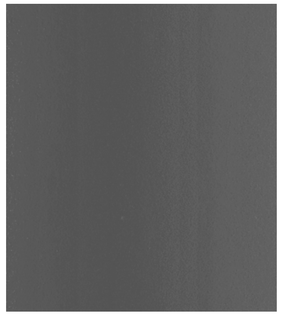
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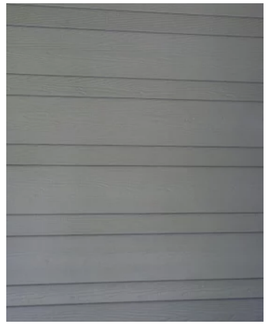
STANDING SEAM METAL ROOF - ZINCALUME PLUS



METAL PANEL BASE - SLATE GRAY



FIBERCEMENT PANEL - PAINT PT-07



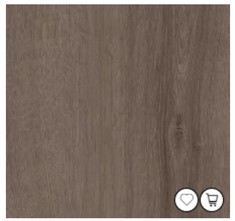
FIBERCEMENT LAP SIDING - ALTERNATING REVEAL (4"/7") PAINT PT-06



FIBERGLASS WINDOW - BROWN



FIBERGLASS ENTRY DOOR - BROWN



LVT - REFORESTATION - YOSIMITE



FLOOR TILE - (12X24) INTENSITY PEBBL - "TRUFFLE"

WALL TILE (4X12) - STENCIL WHITE



KITCHEN LAMINATE COUNTERTOP - OILED SOAP STONE



KITCHEN CASEWORK - FONTHILL PEAR



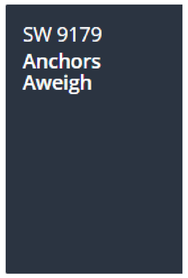
INTERIOR TRIM - HEM FIR- CLEAR



RB-01 - 4" RUBBER BASE "SMOKEY GRAY"



CP-01 - CARPET TILE - TAUPE



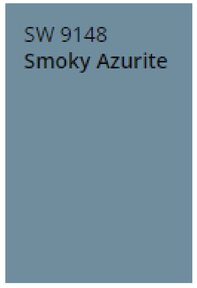
PT-07 - DARK GRAY (MATCH EXISTING) EXTERIOR TRIM AND FIBER CEMENT PANELS



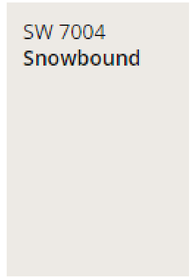
PT-06 - LIGHT GRAY (MATCH EXISTING) EXTERIOR SIDING



PT-05 - TOUCH OF SAND OFFICE PAINT COLOR



PT-02 - SMOKY AZURITE ACCENT COLOR PAINT



PT-01 - SNOWBOUND

SHEET 69 OF 114

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NO.	REVISIONS	INT.	APP.	DATE

ACTION	BY	DATE
DESIGNED	Designer	1/31/24
DRAWN	Author	1/31/24
CHECKED (FIELD)	Checker	
CHECKED (HDQTS.)	Checker	

9277 REGISTERED ARCHITECT
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CAPE DISAPPPOINTMENT STATE PARK

WELCOME CENTER AND ENTRANCE IMPROVEMENTS

ADMIN MATERIAL BOARD

AA9.0

SCALE:

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PARKS FILE#

Plot Date: 2/2/2024 1:17:08 PM

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GENERAL REQUIREMENTS

GOVERNING CODE

THE DESIGN AND CONSTRUCTION OF THIS PROJECT IS GOVERNED BY THE 2018 WASHINGTON STATE BUILDING CODE (WSBC) BASED ON THE 2018 INTERNATIONAL BUILDING CODE (IBC) WITH AMENDMENTS.

THE STRUCTURAL DRAWINGS ARE INTENDED TO SHOW THE GENERAL CHARACTER AND EXTENT OF THE PROJECT ARE NOT INTENDED TO SHOW ALL DETAILS OF THE WORK. USE DETAILS MARKED "TYPICAL" WHEREVER THEY APPLY.

THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING DETAILS AND ACCURACY OF THE WORK; FOR CONFIRMING AND CORRELATING ALL QUANTITIES AND DIMENSIONS; FOR SELECTING FABRICATION PROCESSES; FOR TECHNIQUES OF ASSEMBLY; AND FOR PERFORMING WORK IN A SAFE AND SECURE MANNER.

THE CONTRACTOR IS RESPONSIBLE FOR THE MEANS AND METHODS OF CONSTRUCTION AND ALL JOB RELATED SAFETY STANDARDS SUCH AS OSHA AND DOSH (DEPARTMENT OF OCCUPATIONAL SAFETY AND HEALTH).

THE CONTRACTOR IS RESPONSIBLE FOR THE STRENGTH AND STABILITY OF THE STRUCTURE DURING CONSTRUCTION AND SHALL PROVIDE TEMPORARY SHORING, BRACING AND OTHER ELEMENTS REQUIRED TO MAINTAIN STABILITY UNTIL THE STRUCTURE IS COMPLETE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO BE FAMILIAR WITH WORK REQUIRED IN THE CONSTRUCTION DOCUMENTS AND REQUIREMENTS FOR EXECUTING IT PROPERLY. THE STRUCTURE SHOWN ON THE PLANS HAS BEEN DESIGNED FOR STABILITY UNDER THE FINAL CONFIGURATION ONLY.

THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AT THE SITE. CONFLICTS BETWEEN THE DRAWINGS AND THE ACTUAL SITE CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER BEFORE PROCEEDING WITH THE WORK.

DESIGN LOADS

FLOOR LIVE:100 PSF (SLAB ON GRADE)
ROOF LIVE: 20 PSF
MINIMUM SNOW LOAD: 25 PSF

WIND: 100 MPH (ASD); 130 MPH (Vult)
RISK CAT. II
EXP B
Cpi +/- 0.18
SEISMIC: Ss=1.433g
S1=0.742g
SDS=1.187g (FROM GEOTECH REPORT)
SD1=0.927g (FROM GEOTECH REPORT)
RISK CAT. II
Ie 1.0
SITE CL. D
DES. CAT. D
SYS. LIGHT FRAMED WOOD WALLS SHEATHED WITH WOOD STRUCTURAL PANELS
Vu 4.54 KIPS (WELCOME CENTER)
CS 0.1826g
R 6.50
Wo 2.5
Cd 4.0
METHOD EQUIVALENT LATERAL FORCE

SPECIAL INSPECTIONS

SPECIAL INSPECTIONS SHALL BE PERFORMED IN ACCORDANCE WITH IBC SECTIONS 1704 TO 1708. FOUNDATIONS, FOOTINGS, UNDER SLAB SYSTEMS AND FRAMING ARE SUBJECT TO INSPECTION BY THE BUILDING OFFICIAL IN ACCORDANCE WITH IBC 110.3. CONTRACTOR SHALL COORDINATE ALL REQUIRED INSPECTIONS WITH THE BUILDING OFFICIAL.

SPECIAL INSPECTORS SHALL BE EMPLOYED BY THE OWNER TO PROVIDE SPECIAL INSPECTIONS FOR THE PROJECT.

SUBMITTALS: SHOP DRAWINGS SHALL BE SUBMITTED TO THE ARCHITECT PRIOR TO FABRICATION AND CONSTRUCTION REGARDING ALL STRUCTURAL ITEMS, INCLUDING THE FOLLOWING:

CONCRETE MIX DESIGNS, CONCRETE REINFORCEMENT, EMBEDDED STEEL ITEMS, GLUED-LAMINATED MEMBERS AND ENGINEERED LUMBER (LVL).

IF THE SHOP DRAWINGS DIFFER FROM, OR ADD TO THE DESIGN OF THE STRUCTURAL DRAWINGS, THEY SHALL BEAR THE SEAL AND SIGNATURE OF A STRUCTURAL ENGINEER REGISTERED IN THE STATE OF WASHINGTON. ANY CHANGES TO THE STRUCTURAL DRAWINGS SHALL BE SUBMITTED TO THE ARCHITECT AND ARE SUBJECT TO REVIEW AND ACCEPTANCE OF THE ENGINEER.

FIELD ENGINEERED DETAILS DEVELOPED BY THE CONTRACTOR THAT DIFFER FROM, OR ADD TO THE STRUCTURAL DRAWINGS SHALL BEAR THE SEAL AND SIGNATURE OF A STRUCTURAL ENGINEER REGISTERED IN THE STATE OF WASHINGTON AND SHALL BE SUBMITTED TO THE ARCHITECT PRIOR TO CONSTRUCTION.

CAST-IN-PLACE CONCRETE
CONCRETE WORK SHALL CONFORM TO ACI 301 "SPECIFICATIONS FOR STRUCTURAL CONCRETE".
CONTRACTOR TO SUBMIT ALL MIX DESIGNS REQUIRED BY ACI 301 SECTIONS 4.2.1.
CONTRACTOR TO VERIFY CONCRETE STRENGTHS BY STANDARD 28-DAY CYLINDER TESTS PER ASTM C39. CONTRACTOR TO USE THE FOLLOWING MIX DESIGN REQUIREMENTS
FOOTINGS AND FLOOR SLABS
F'C = 4000 PSI, 28 DAY STRENGTH
1 INCH MAXIMUM AGGREGATE
0.5 MAXIMUM WATER/CEMENT RATIO

FLYASH CONFORMING TO ACI 318, TYPE F OR TYPE C, MAY BE USED TO REPLACE UP TO 20% OF THE CEMENT CONTENT, PROVIDED THAT THE MIX STRENGTH IS SUBSTANTIATED BY TEST DATA.

THE CONTRACTOR SHALL SUBMIT CONCRETE MIX DESIGNS, ALONG WITH TEST DATA AS REQUIRED, A MINIMUM OF TWO WEEKS PRIOR TO PLACING CONCRETE.

A WATER-REDUCING ADMIXTURE CONFORMING TO ASTM C494, USED IN STRICT ACCORDANCE WITH THE MANUFACTURERS' RECOMMENDATIONS, SHALL BE INCORPORATED IN CONCRETE DESIGN MIXES. A HIGH-RANGE WATER-REDUCING (HRWR) ADMIXTURE CONFORMING TO ASTM C494, TYPE F OR G, MAY BE USED IN CONCRETE MIXES, PROVIDING THAT THE SLUMP DOES NOT EXCEED 10". AN AIR-ENTRAINING AGENT CONFORMING TO ASTM C260 SHALL BE USED IN CONCRETE MIXES FOR EXTERIOR HORIZONTAL SURFACES EXPOSED TO WEATHER. THE AMOUNT OF ENTRAINED AIR SHALL BE 5% + 1% BY VOLUME. DO NOT ADD WATER AT THE SITE UNLESS WATER WAS WITHHELD AT THE PLANT AND THE MAXIMUM ALLOWABLE ADDITIONAL WATER IS LISTED ON THE BATCH TICKET.

SLEEVES, OPENINGS, CONDUIT, AND OTHER EMBEDDED ITEMS NOT SHOWN ON THE STRUCTURAL DRAWINGS SHALL BE APPROVED BY THE STRUCTURAL ENGINEER BEFORE POURING. CONDUITS EMBEDDED IN SLABS SHALL NOT BE LARGER IN OUTSIDE DIMENSION THAN ONE THIRD OF THE THICKNESS OF THE SLAB AND SHALL NOT BE SPACED CLOSER THAN THREE DIAMETERS ON CENTER. PROVIDE 3/4" CHAMFERS ON ALL EXPOSED CONCRETE EDGES UNLESS NOTED OTHERWISE.

CONCRETE REINFORCING

CONCRETE REINFORCING SHALL CONFORM TO ACI 301 "STANDARD SPECIFICATIONS FOR STRUCTURAL CONCRETE".

CONTRACTOR SHALL SUBMIT PLACING DRAWINGS SHOW FABRICATION DIMENSIONS AND LOCATIONS FOR PLACEMENT OF REINFORCEMENT AND REINFORCEMENT SUPPORTS.

CAST-IN-PLACE CONCRETE, CONT.

MATERIALS

REINFORCING BARS SHALL CONFORM TO ASTM A615, GRADE 60, DEFORMED BARS REINFORCING STEEL SHALL BE SECURELY TIED IN PLACE WITH #16 ANNEALED IRON WIRE.

BARS IN SLABS SHALL BE SUPPORTED ON WELL-CURED CONCRETE BLOCKS OR APPROVED METAL CHAIRS, AS SPECIFIED BY THE CRSI MANUAL OF STANDARD PRACTICE, MSP-1. REINFORCING STEEL SHALL BE DETAILED IN ACCORDANCE WITH THE "ACI MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES," ACI 315.

WELDING OF REINFORCING STEEL IS NOT PERMITTED.

UNLESS OTHERWISE NOTED ON PLANS, CONCRETE COVER SHALL BE:

USE	COVER
SLAB BARS	1" TOP COVER
WALL BARS:	
INTERIOR FACES	3/4"
EXPOSED TO EARTH OR WEATHER	1-1/2" (#5 AND SMALLER) 2" (#6 AND LARGER)
FOOTING BARS	3" BOTTOM COVER
ALL OTHER LOCATIONS	1-1/2"

SPLICES

SPLICES SHALL CONFORM TO ACI 301, SECTION 3.3.2.7 "SPLICES". LAP SPLICES SHALL CONFORM TO THE TABLE BELOW:

REINFORCING SPLICE LENGTHS (CLASS B) GRADE 60									f'c = 4.0 ksi
BAR SIZE	#3	#4	#5	#6	#7	#8	#9	#10	#11
UNCOATED	1'-6"	2'-0"	2'-0"	2'-6"	2'-9"	3'-7"	4'-6"	5'-9"	7'-0"

PROVIDE HOOKED DOWELS FROM FOOTINGS TO MATCH VERTICAL WALL REINFORCING.

EXPANSION BOLTS SHALL BE HILTI KB-TZ2 OR APPROVED WITH EQUIVALENT ICC REPORT.

EPOXY ADHESIVE: EPOXY ADHESIVE SHALL CONFORM TO ASTM C881 AND SHALL BE A TWO- COMPONENT, LIQUID EPOXY WITH NON-SAG CONSISTENCY AND A LONG POT LIFE, AND SHALL BE SUITABLE FOR USE ON DRY OR DAMP SURFACES. MINIMUM SLANT SHEAR STRENGTH SHALL BE 5,000 PSI, AND MINIMUM TENSILE STRENGTH SHALL BE 4,000 PSI. HOLES FOR GROUTED RODS AND REBAR SHALL BE 1/4" LARGER THAN THE BAR DIAMETER. INSTALLATION SHALL BE IN STRICT ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.

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SEAN M. CLARK STATE OF WASHINGTON 22013668 STRUCTURAL ENGINEER PROFESSIONAL ENGINEER 01/31/2024

PROJECT ENGINEER

WASHINGTON STATE PARKS AND RECREATION COMMISSION

CAPE DISAPPOINTMENT STATE PARK

WELCOME CENTER AND ENTRANCE IMPROVEMENTS

STRUCTURAL GENERAL NOTES

SG1.1

SCALE

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GENERAL STRUCTURAL NOTES, CONT.

TIMBER MEMBERS

TIMBER MEMBERS, INCLUDING WOOD TRUSSES, SHALL CONFORM TO CHAPTER 23 OF THE IBC AND THE STANDARDS LISTED THEREIN.

MATERIALS

ALL TIMBER MEMBERS TO BE DOUG FIR LARCH (DFL) NO. 2, MINIMUM, UNLESS NOTED OTHERWISE. ALL SAWN LUMBER AND PREMANUFACTURED WOOD PRODUCTS SHALL BE IDENTIFIED BY THE GRADE MARK OR A CERTIFICATE OF INSPECTION ISSUED BY THE CERTIFYING AGENCY. SAWN LUMBER SHALL CONFORM TO GRADING RULES OF WWPA, WCLIB OR NLGA AND THE TABLE BELOW, FINGER JOINTED STUDS ARE NOT PERMITTED ON THIS PROJECT.

USE	GRADE	(BASE VALUE, Fb (PSI))
WALL STUDS 2" TO 4" THICK, 2" AND WIDER	DOUGLAS FIR-LARCH NO. 2	900
JOISTS, PLANKING, BLOCKING, AND WALL STUDS 2" TO 4" THICK, 2" AND WIDER	DOUGLAS FIR-LARCH NO. 2	900
WALL PLATES & NAILERS 2" TO 4" THICK, 2" AND WIDE	DOUGLAS FIR-LARCH NO. 2	900
BEAMS/STRINGERS	DOUGLAS FIR-LARCH NO. 1	1350
POSTS	DOUGLAS FIR-LARCH NO. 1	1200

ALL LUMBER EXPOSED TO WEATHER OR IN CONTACT WITH CONCRETE OR CMU SHALL BE PRESSURE TREATED UNLESS AN APPROVED BARRIER IS PROVIDED.

ALL SHEATHING SHALL BE APA RATED. UNLESS OTHERWISE NOTED ON DRAWINGS, INSTALL ROOF AND FLOOR PANELS WITH LONG DIMENSIONS ACROSS SUPPORTS AND THE PANEL CONTINUOUS OVER TWO OR MORE SPANS. END JOINTS SHALL OCCUR OVER SUPPORTS. GRADE MARKING OF SHEATHING CERTIFICATION IS REQUIRED.

TIMBER CONNECTORS SHALL BE "STRONG TIE" BY SIMPSON COMPANY AS SPECIFIED IN THEIR CURRENT CATALOG. ALTERNATE CONNECTORS BY OTHER MANUFACTURERS MAY BE SUBSTITUTED PROVIDED THEY HAVE CURRENT ICC APPROVAL FOR EQUIVALENT OR GREATER LOAD CAPACITIES AND ARE REVIEWED AND APPROVED BY THE ENGINEER PRIOR TO ORDERING. CONNECTORS SHALL BE INSTALLED PER THE MANUFACTURER'S INSTRUCTIONS. WHERE CONNECTOR STRAPS CONNECT TWO MEMBERS, PLACE ONE-HALF OF THE NAILS OR BOLTS IN EACH MEMBER. WHERE STRAPS ARE USED AS HOLD-DOWNS, NAIL STRAP TO WOOD FRAMING JUST PRIOR TO DRYWALL APPLICATION, AS LATE AS POSSIBLE IN THE FRAMING PROCESS TO ALLOW THE WOOD TO SHRINK AND THE BUILDING TO SETTLE. PREMATURE NAILING OF THE STRAP MAY LEAD TO STRAP BUCKLING AND POTENTIAL FINISH DAMAGE.

FASTENERS (SCREWS, NAILS, BOLTS, ETC.) ATTACHING TIMBER CONNECTORS (JOIST HANGERS, POST CAPS AND BASES, ETC.) TO PT WOOD SHALL HAVE SIMILAR CORROSION RESISTANCE PROPERTIES (MATCHING PROTECTIVE TREATMENTS) AS THE PROTECTED CONNECTOR. FASTENERS ATTACHING SAWN TIMBER MEMBERS OR SHEATHING TO PT WOOD ARE TO BE CORROSION RESISTANT; NAILS AND LAG BOLTS SHALL BE EITHER HOT-DIP GALVANIZED OR STAINLESS STEEL. VERIFY THE SUITABILITY OF THE FASTENER PROTECTION/COATING WITH THE WOOD TREATMENT CHEMICAL MANUFACTURER/SUPPLIER.

PROVIDE WASHERS UNDER THE HEADS OF NUTS AND ALL BOLTS AND LAG SCREWS BEARING ON WOOD. ALL NAILS SHALL BE COMMON WIRE NAILS UNLESS NOTED OTHERWISE. HOLES TO BE PRE-DRILLED WHERE NECESSARY TO PREVENT SPLITTING.

LAG BOLTS AND BOLTS SHALL CONFORM TO ASTM A307 AND IBC SECTION 2304.9.

HOLES FOR BOLTS SHALL BE DRILLED WITH A BIT OF THE SAME NOMINAL DIAMETER AS THE BOLT +1/16". LEAD HOLES FOR LAG SCREWS SHALL BE BORED PER NDS 11.1.3.

PRESERVATIVE TREATMENT (PT) SHALL BE IN ACCORDANCE WITH IBC SECTION 2304.11 "DECAY AND TERMITE PROTECTION" AND SHALL CONFORM TO THE APPROPRIATE STANDARDS OF THE AMERICAN WOOD-PRESERVERS ASSOCIATION (AWPA) FOR SAWN LUMBER, GLUED-LAMINATED TIMBER, ROUND POLES, WOOD PILES, AND MARINE PILES. FOLLOW AMERICAN LUMBER STANDARDS COMMITTEE (ALSC) QUALITY ASSURANCE PROCEDURES. PRODUCTS SHALL BEAR THE APPROPRIATE MARK. FASTENERS OR ANCHORS IN TREATED WOOD SHALL BE OF STAINLESS STEEL OR HOT-DIPPED GALVANIZED OR AS PER IBC 2304.9.5.

WOOD STRUCTURAL SHEATHING (PLYWOOD):

WOOD APA RATED STRUCTURAL SHEATHING INCLUDING ALL VENEER PLYWOOD, ORIENTED STRAND BOARD, WAFERBOARD, PARTICLEBOARD, T1-11 SIDING, AND COMPONENTS OF VENEER AND WOOD BASED MATERIALS WITH T&G JOINT. CONFIRM WITH ARCHITECT. CONFORM TO CONSTRUCTION AND INDUSTRIAL PLYWOOD" BASED ON PRODUCT STANDARDS PS 1-07 BY THE US DEPT. OF COMMERCE AND "PERFORMANCE STANDARD FOR WOOD-BASED STRUCTURAL-USE PANELS" BASED ON PRODUCT STANDARD PS 2-04 BY THE U.S. DEPT. OF COMMERCE AND "PLYWOOD DESIGN SPECIFICATION" BASED ON APA PDS-04 BY THE AMERICAN PLYWOOD ASSOCIATION. UNLESS NOTED OTHERWISE, SHEATHING SHALL COMPLY WITH THE FOLLOWING TABLE:

MEMBER	THICKNESS	SPAN RATING	PLYWOOD GRADE	EXPOSURE
ROOF	5/8"	40/20	C-D	1
FLOOR	23/32" T&G	24" O.C.	STURD-I-FLOOR	1
WALLS	1/2" OSB	32/16	C-D	1

UNLESS NOTED OTHERWISE ON DRAWINGS, INSTALL ROOF AND FLOOR PANELS WITH LONG DIMENSION ACROSS SUPPORTS AND WITH PANEL CONTINUOUS OVER TWO OR MORE SPANS. END JOINTS SHALL OCCUR OVER SUPPORTS.

GLUED LAMINATED MEMBERS:

GLUED LAMINATED MEMBERS SHALL BE FABRICATED IN CONFORMANCE WITH U.S. PRODUCT STANDARD PS 56, "STRUCTURAL GLUED LAMINATED TIMBER" AND AMERICAN INSTITUTE OF TIMBER CONSTRUCTION, AITC 117. EACH MEMBER SHALL BEAR AN AITC OR APA-EWS IDENTIFICATION MARK AND BE ACCOMPANIED BY A CERTIFICATE OF CONFORMANCE. ONE COAT OF END SEALER SHALL BE APPLIED IMMEDIATELY AFTER TRIMMING IN EITHER SHOP OR FIELD. BEAMS SHALL BE VISUALLY GRADED WESTERN SPECIES INDUSTRIAL GRADE WHERE COMPLETELY CONCEALED UPON COMPLETION OR PREMIUM GRADE WHERE PERMANENTLY EXPOSED. GLULAMS SHALL BE 24F-V4 DF/DF FOR SIMPLE SPAN AND 24F-V8 DF/DF FOR CONTINUOUS OR CANTILEVER.

GLULAM HANGERS NOT SHOWN SHALL BE SIMPSON EG.

ADHESIVE SHALL BE WET-USE EXTERIOR WATERPROOF GLUE.

SPECIAL INSPECTION SCHEDULE

TABLE 1705.3 - CONCRETE				
VERIFICATION AND INSPECTION	CONTINUOUS	PERIODIC	REFERENCE STANDARD	IBC REFERENCE
1. INSPECTION OF REINFORCING STEEL AND PLACEMENT.	-	X	ACI 318: CH. 20, 25.2, 25.3, 26.6.1-26.6.3	1908.4
2. INSPECT ANCHORS CAST IN CONCRETE.	-	X	ACI 318: 17.8.2	
3. INSPECTION OF ANCHORS INSTALLED IN HARDENED CONCRETE.				
A. ADHESIVE ANCHORS INSTALLED IN HORIZONTALLY OR UPWARDLY INCLINED ORIENTATIONS TO RESIST SUSTAINED TENSION LOADS.	X	-	ACI 318: 17.8.2.4	
B. MECHANICAL ANCHORS AND ADHESIVE ANCHORS NOT DEFINED IN 3.A	-	X	ACI 318: 17.8.2	
4. VERIFYING USE OF REQUIRED DESIGN MIX.	-	X	ACI 318: CH. 19, 26.4.3, 26.4.4	1904.4.1, 1904.2.2, 1908.2, 1908.3
5. AT THE TIME FRESH CONCRETE IS SAMPLED TO FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE.	X	-	ASTM C172 ASTM C31 ACI 318: 26.5, 26.12	1908.10
6. INSPECTION OF CONCRETE FOR PROPER APPLICATION TECHNIQUES.	X	-	ACI 318: 26.5	1908.6, 1908.7, 1908.8
7. INSPECTION FOR MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES.	-	X	ACI 318: 26.5.3-26.5.5	1908.9
8. INSPECT FORMWORK FOR SHAPE, LOCATIONS, AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED.	-	X	ACI 318: 26.11.1.2(B)	

TABLE 1705.6 - SOILS		
VERIFICATION AND INSPECTION	CONTINUOUS	PERIODIC
1. VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY.	-	X
2. VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL.	-	X
3. PERFORM CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS.	-	X
4. VERIFY USE OF PROPER MATERIALS, DENSITIES AND LIFT THICKNESSES DURING PLACEMENT AND COMPACTION OF COMPACTED FILL.	X	-
5. PRIOR TO PLACEMENT OF COMPACTED FILL, OBSERVE SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY.	-	X

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WASHINGTON STATE PARKS AND RECREATION COMMISSION

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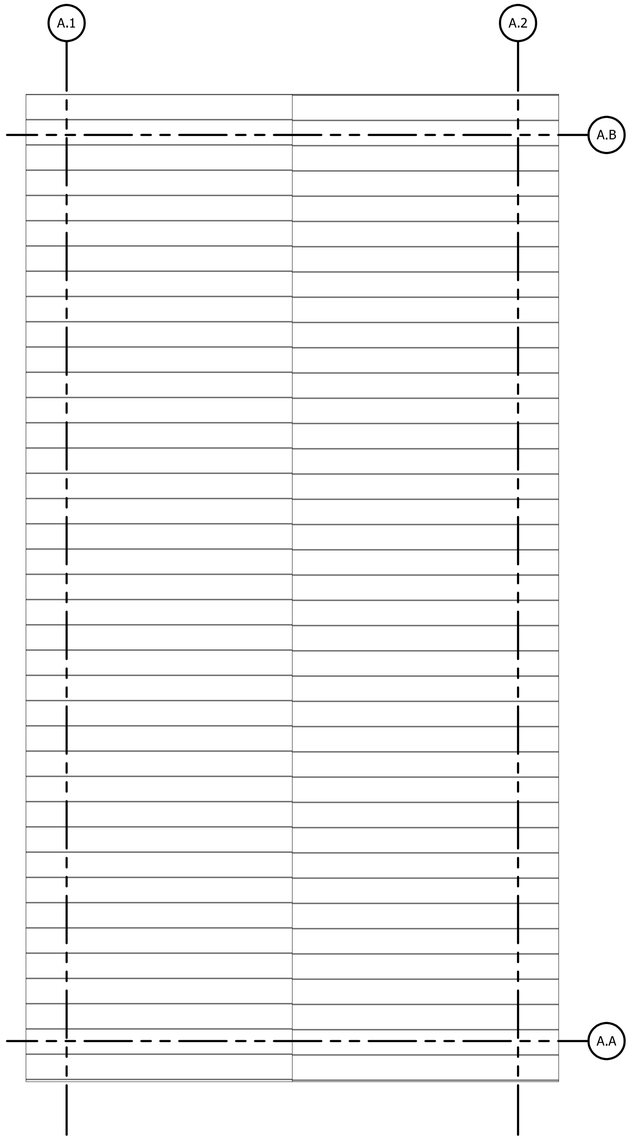
WELCOME CENTER AND ENTRANCE IMPROVEMENTS

STRUCTURAL GENERAL NOTES AND SPECIAL INSPECTION TABLE

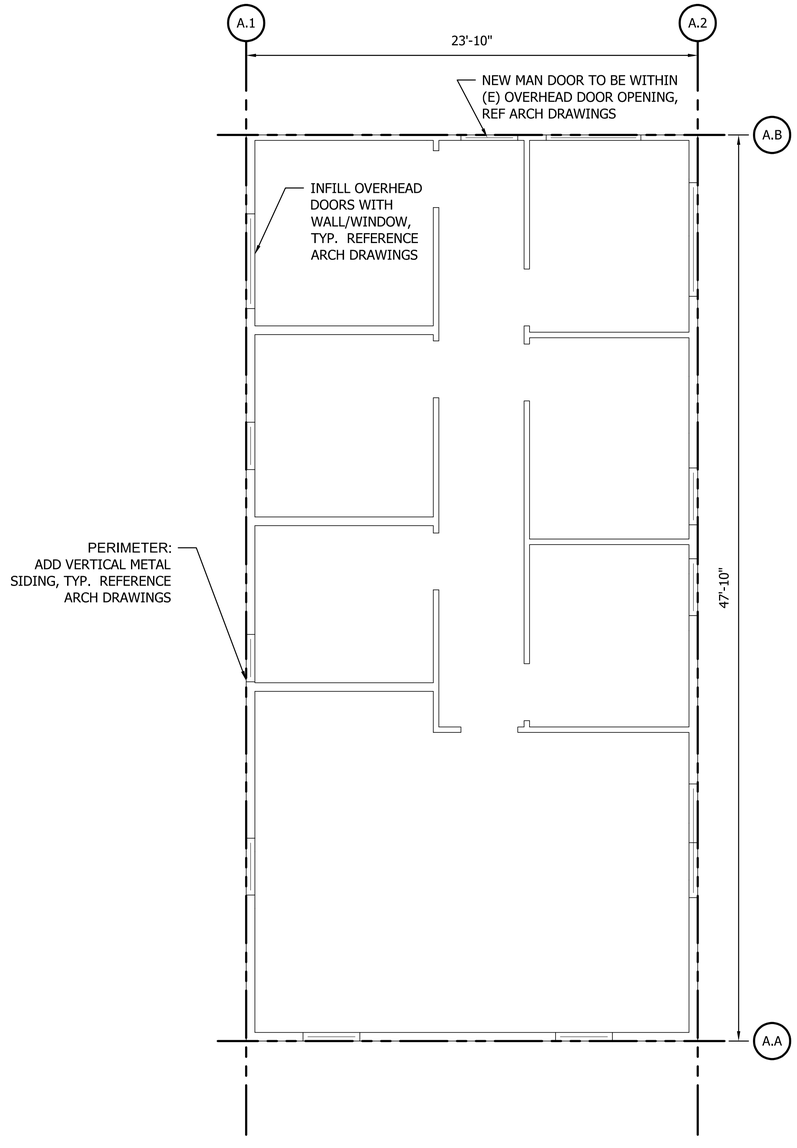
SG1.2

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ADMIN - ROOF PLAN



ADMIN - FLOOR PLAN

NOTES:

1) COORDINATE LOCATIONS OF NEW DOORS AND WINDOWS SEE FLOOR PLAN AA1.1. VERIFY IN FEILD ALL NEW WINDOW AND DOOR OPENINGS ARE LOCATED IN EXISTING EXTERIOR WALL OPENINGS. NO NEW OPENS ARE ALLOWED IN EXISTING EXTERIOR WALLS

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WELCOME CENTER AND ENTRANCE IMPROVEMENTS

ADMIN FLOOR PLAN & ROOF PLAN

SA1.1

SCALE 0 4' 8'

PARKS FILE#

SHEET 72 OF 114

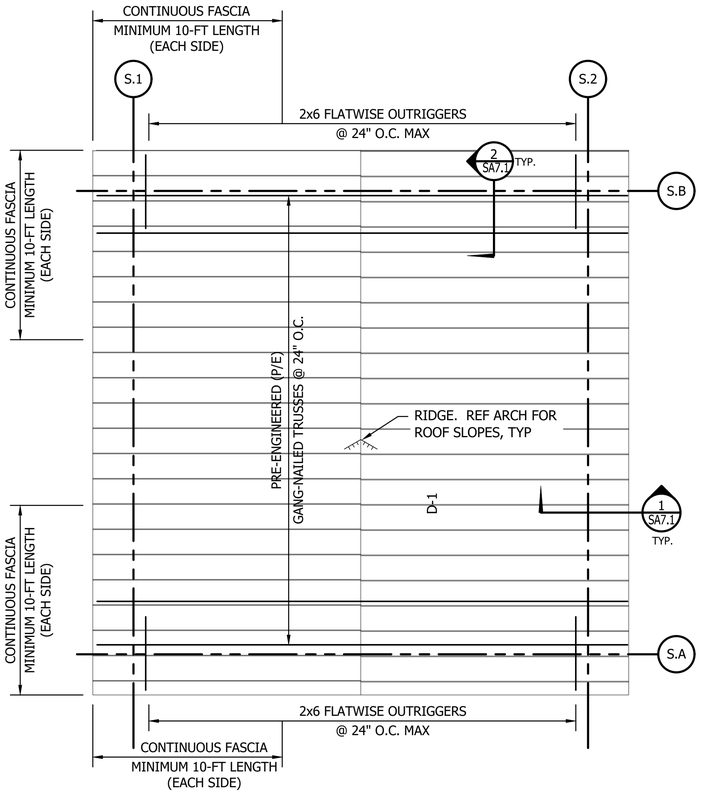
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NOTES:

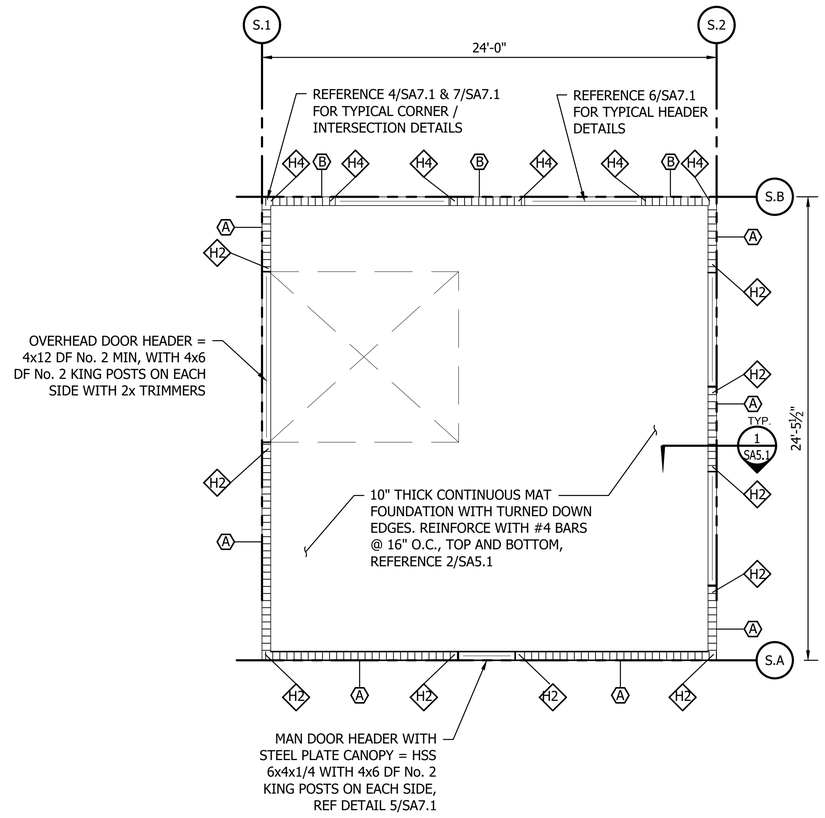
1) X — INDICATES PLYWOOD SHEARWALL TYPE. REFERENCE 1/SA7.2 FOR SCHEDULE AND NOTES. STUDS TO MATCH EXTERIOR WALL STUDS CALLED OUT ON PLAN.

2) HX — INDICATES HOLDOWN TYPE. REFERENCE 2/SA7.2 FOR SCHEDULE AND NOTES.

3) D-1 — INDICATES SPAN DIRECTION OF 5/8" T&G PLYWOOD ROOF SHEATHING (APA SPAN RATED 40/20) w/ 10d @ 6" O.C. AT PANEL EDGES & 12" O.C. IN FIELD.



SHOP - ROOF PLAN



SHOP - FLOOR PLAN

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WELCOME CENTER AND ENTRANCE IMPROVEMENTS

SHOP FLOOR PLAN & ROOF PLAN

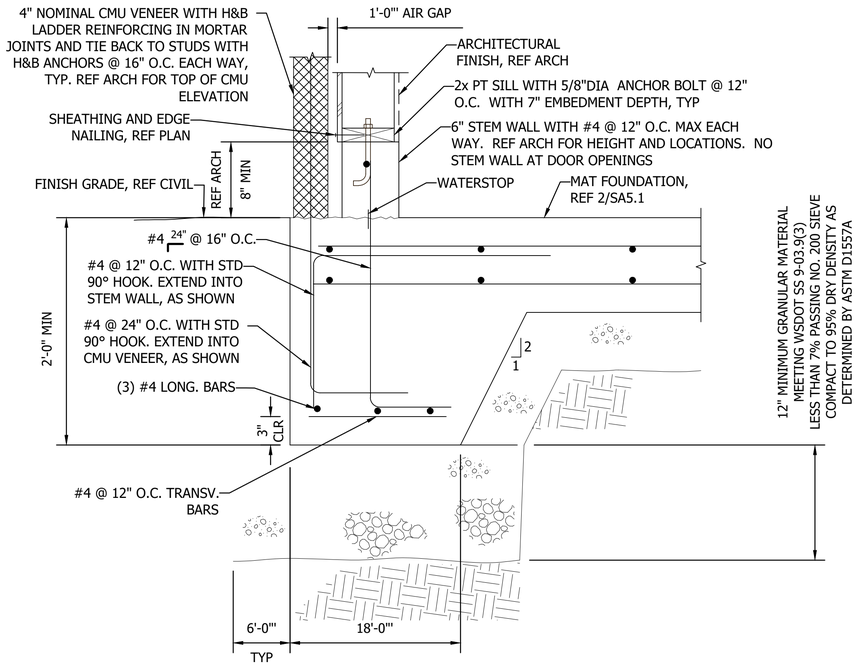
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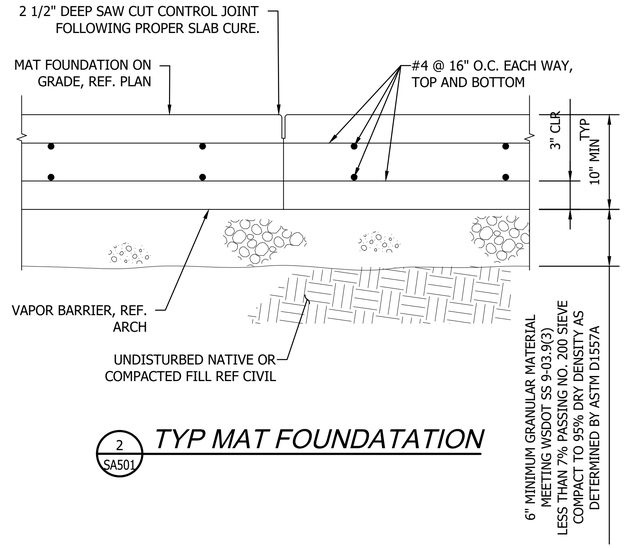
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1 SA501 *TYP MAT - THICKENED EDGE*



2 SA501 *TYP MAT FOUNDATATION*

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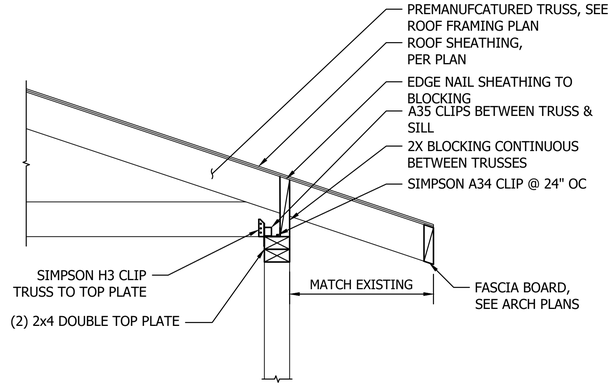
ADMIN/SHOP CONCRETE DETAILS

SA5.1

SCALE 6" 0 1'

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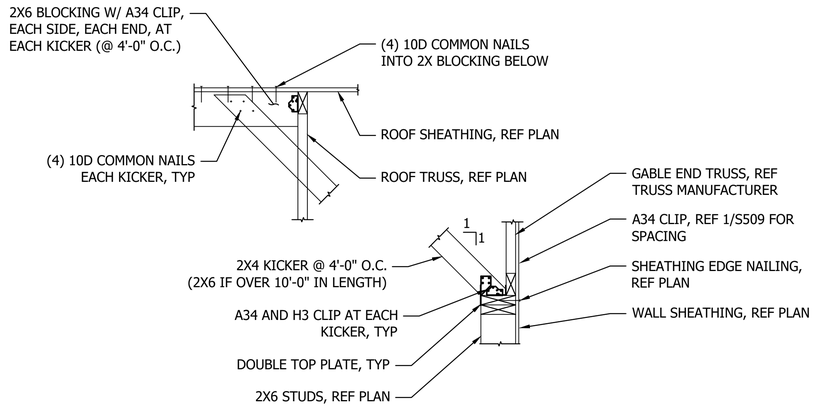
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1' 0 2'

1 SA7.1 *TYP TRUSS TO WALL CONNECTION*

NOTE:REFER TO NOTES THIS SHEET

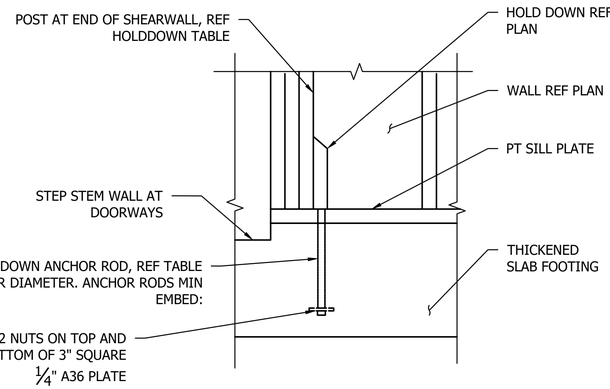


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2 SA7.1 *GABLE END TRUSS DETAIL*

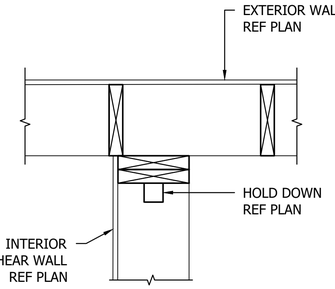
PRE-MANUFACTURED ROOF TRUSS NOTES:

1. TOP AND BOTTOM CHORDS SHOWN IN DETAILS AS 2X6. MAXIMUM CHORD DEPTH = 5 1/2". MINIMUM = 3 1/2". TRUSS MANUFACTURER TO DETERMINE SIZE OF TOP AND BOTTOM CHORDS. MINIMUM TOP CHORD GRADE = DF NO. 2
2. TOP CHORD MINIMUM DEAD LOAD: 14 PSF
3. BOTTOM CHORD MINIMUM DEAD LOAD: 6 PSF
4. TOP CHORD MINIMUM LIVE LOAD: 25 PSF (SNOW)
5. BOTTOM CHORD MINIMUM LIVE LOAD: 10 PSF
6. MAXIMUM DEFLECTIONS: L/240 FOR LIVE OR SNOW L/180 FOR TOTAL LOAD
7. CONTRACTOR IS RESPONSIBLE FOR THE STABILITY OF TRUSSES DURING CONSTRUCTION.
8. REFERENCE GENERAL STRUCTURAL NOTES FOR OTHER REQUIREMENTS.



6" 0 1'

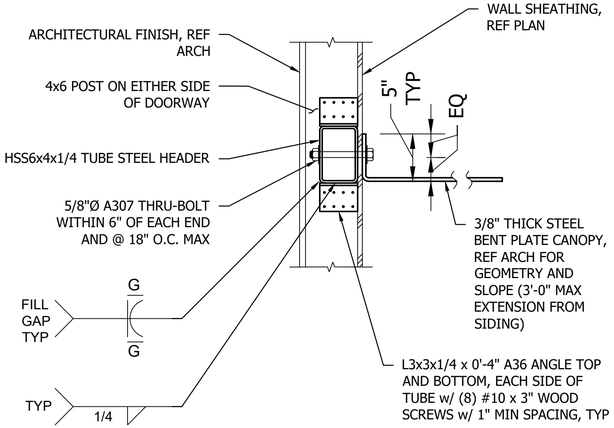
3 SA7.1 *TYPICAL HOLD DOWN DETAIL*



PLAN

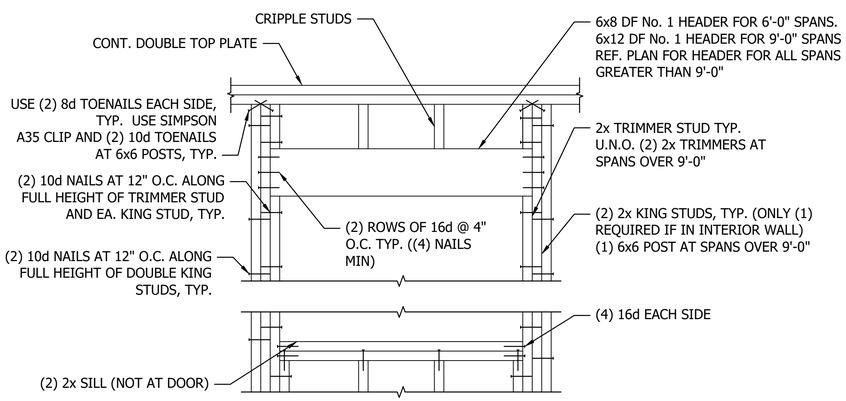
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4 SA7.1 *WALL CORNER DETAIL*



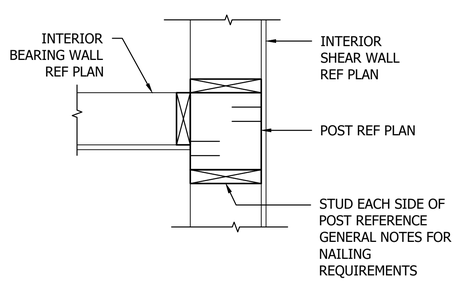
6" 0 1'

5 SA7.1 *PLATE CANOPY*



1' 0 2'

6 SA7.1 *TYPICAL HEADER DETAIL*



PLAN

6" 0 1'

7 SA7.1 *WALL CORNER DETAIL*

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DRAWN	JT	01/31/24
CHECKED (FIELD)		
CHECKED (HDQTS.)		

SEAN M. CLARK STATE OF WASHINGTON 22013668 STRUCTURAL ENGINEER PROFESSIONAL ENGINEER 01/31/2024

PROJECT ENGINEER

WASHINGTON STATE PARKS AND RECREATION COMMISSION

CAPE DISAPPOINTMENT STATE PARK

WELCOME CENTER AND ENTRANCE IMPROVEMENTS

ADMIN/SHOP FRAMING DETAILS

SA7.1

SCALE 1' 0 2' 0 6" 1'

PARKS FILE#

SHEET 75 OF 114

Plotted: Feb 02, 2024 – 10:45am Sean.Clark K:\PROJECT\33400\33427\CADD\ACAD\Dwg\SA7.1.dwg Layout Name: SA7.1

SHEARWALL SCHEDULE							
MARK	SHEATHING	EDGE NAILING	SILL ANCHOR	ANCHOR EMBEDMENT INTO CONC.	SILL PLATE	STUDS	REMARKS
A	15/32	10d @ 6" o.c.	5/8"DIA @ 32" o.c.	7"	2x	2x	
B	15/32	10d @ 4" o.c.	5/8"DIA @ 32" o.c.	7"	2x	2x	

NOTES:

1. FIELD NAILING SHALL BE AT 12" o.c. AND NAILS SHALL BE THE SAME SIZE AS THE EDGE NAILING SPECIFIED ABOVE, UNLESS NOTED OTHERWISE.
2. ALL HORIZONTAL PANEL EDGES SHALL BE BLOCKED WITH FLAT 2x4 OR 2x6 BLOCKING.
3. EDGE NAILING APPLIES TO ALL PANEL EDGES. EDGE NAILING SHALL ALSO BE PROVIDED AROUND SHEAR WALL OPENINGS. UPSET THREADS ON SILL BOLTS ARE NOT ALLOWED.
4. ALL SILL BOLTS MUST HAVE CUT THREADS.
5. ALL ANCHOR BOLTS SHALL HAVE A PLATE WASHER (PL 0.229"x3"x3" w/ MAX. 1 3/4" LONG DIAGONAL SLOT BY MAX. 3/16" OVER ANCHOR BOLT Ø) BETWEEN THE NUT AND SILL PLATE.
6. ALL SILL ANCHORS SHALL BE HOT DIP GALVANIZED ASTM F1554 GRADE 36, UNLESS NOTED OTHERWISE.

1 SA7.2 *SHEARWALL SCHEDULE*

HOLDOWN SCHEDULE					
MARK	HOLDOWN	ANCHOR BOLT AND EMBEDMENT	MIN. HOLDOWN POST (UNO)	ATTACHMENT TO POST	REMARKS
H2	HDU2	SIMPSON SSTB16	(2) 2x	(6) SDS 1/4x2 1/2 SCREWS	
H4	HDU4	SIMPSON SSTB16	(2) 2x	(10) SDS 1/4x2 1/2 SCREWS	

NOTES:

1. PROVIDE SHEARWALL EDGE NAILING TO POST - FULL HEIGHT.
2. HOLDOWNS SHALL BE INSTALLED IN CONFORMANCE WITH THE MANUFACTURER'S REQUIREMENTS.
3. REFERENCE 3/SA7.1 AND 4/SA7.1 FOR HOLDOWN DETAILS.
4. ALL HOLDOWN ANCHORS SHALL BE HOT DIP GALVANIZED ASTM F1554 GRADE 36, UNLESS NOTED OTHERWISE.

2 SA7.2 *HOLDOWN SCHEDULE*

CAD NO. K:\PROJECT\33400\33427\CADD\ACAD\Dwg\SA7.1.dwg

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SEAN M. CLARK STATE OF WASHINGTON 22013668 STRUCTURAL ENGINEER PROFESSIONAL ENGINEER 01/31/2024

PROJECT ENGINEER

WASHINGTON STATE PARKS AND RECREATION COMMISSION

CAPE DISAPPOINTMENT STATE PARK

WELCOME CENTER AND ENTRANCE IMPROVEMENTS

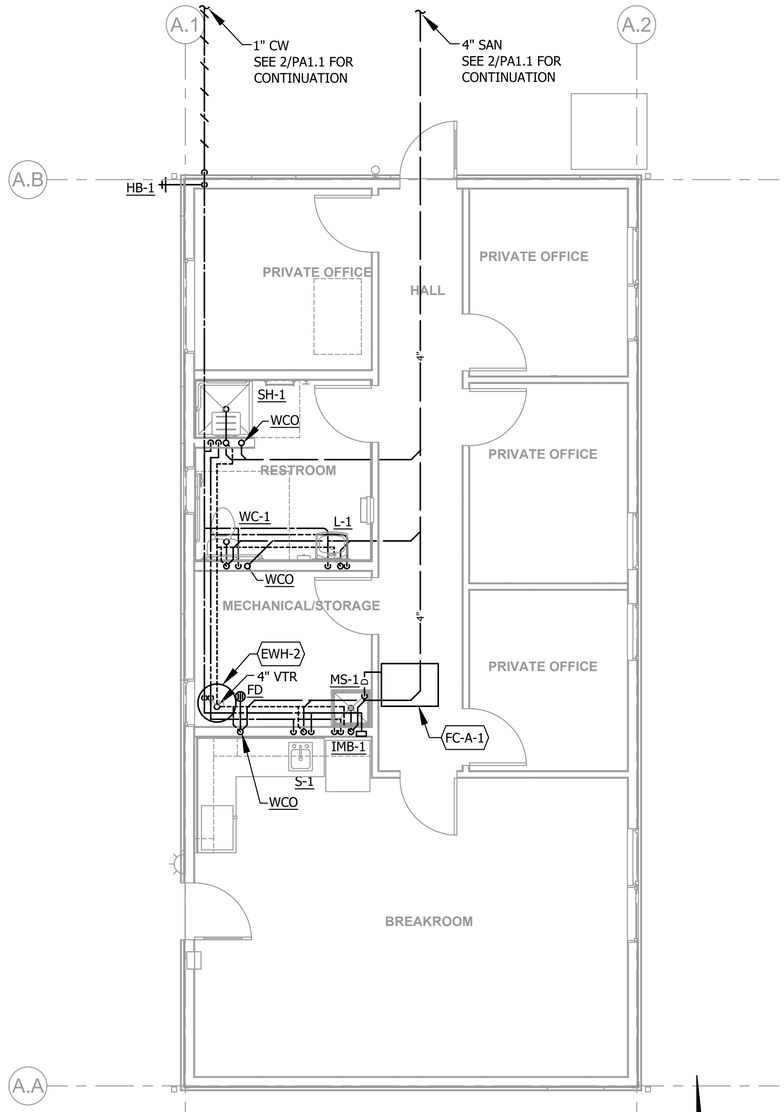
ADMIN/SHOP FRAMING DETAILS

SA7.2

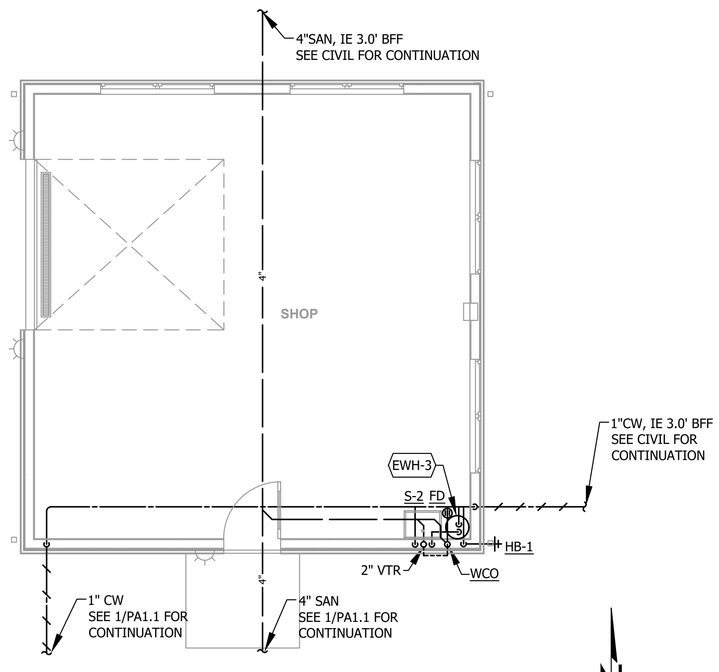
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PARKS FILE#

Plotted: Feb 02, 2024 – 10:45am Sean.Clark K:\PROJECT\33400\33427\CADD\ACAD\Dwg\SA7.1.dwg Layout Name: SA7.2



1/76 ADMIN FLOOR PLAN - PLUMBING



2/76 SHOP FLOOR PLAN - PLUMBING

CAD NO. X:\PDX\2021\2021-0985\CAD\Mechanical\PA1.1 ADMIN-SHOP FLOOR PLAN - PLUMBING.dwg

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ANDREW J. FLANAGAN
STATE OF WASHINGTON
55979
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PROJECT ENGINEER

WASHINGTON STATE PARKS AND RECREATION COMMISSION

CAPE DISAPPOINTMENT STATE PARK

WELCOME CENTER AND ENTRANCE IMPROVEMENTS

ADMIN/SHOP FLOOR PLAN - PLUMBING

PA1.1

SCALE 4' 0 8'

PARKS FILE#

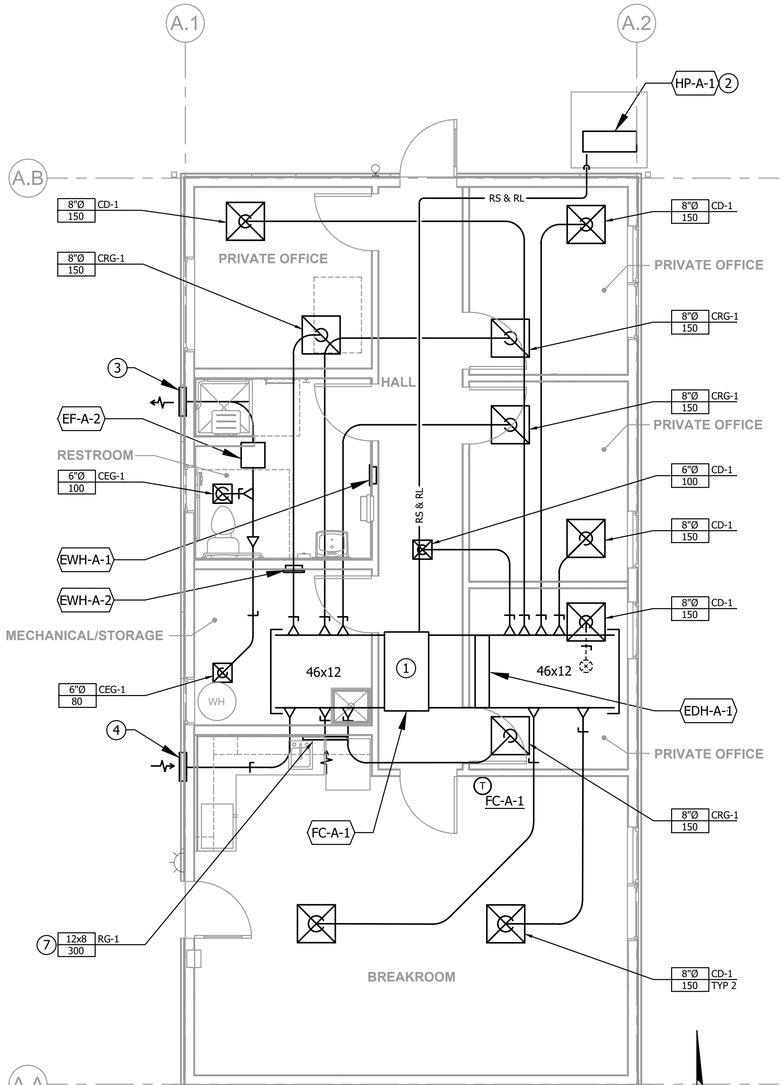
SHEET 77 OF 114

Plotted: Feb 02, 2024 – 11:09am raymondc X:\PDX\2021\2021-0985\CAD\Mechanical\PA1.1 ADMIN-SHOP FLOOR PLAN – PLUMBING.dwg Layout Name: PA1.1 ADMIN-SHOP FLOOR PLAN – PLUMBING

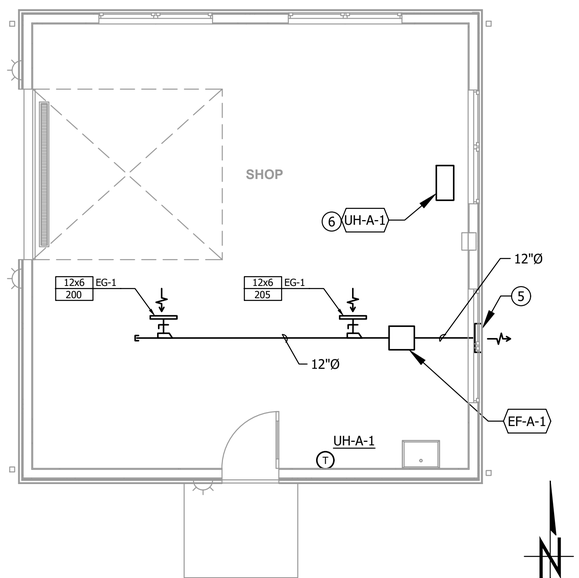
FC-A-1 - MINIMUM VENTILATION CALCULATIONS

VENTILATION CALCULATION METHOD	ASHRAE 62.1-2018	
DESIGN CONDITION	(CEILING HEATING)	
UNCORRECTED VENT. AIR FLOW RATE (Vou)	108	[CFM] (SUM OF Vou)
SYSTEM VENTILATION EFFICIENCY (Ev)	0.9	[0.0 -1.0] (TABLE 6.2.5.2)
REQUIRED VENTILATION AIR FLOW RATE (Vot)	120	[CFM] (Vot = Vou / Ev)
DESIGN VENTILATION AIRFLOW RATE	120	[CFM]
OUTSIDE AIR PERCENTAGE	12.0%	

ZONE NAME / SPACE NAME	OCCUPANCY CLASSIFICATION (TABLE 403.3)	(AZ) ZONE AREA (FT)	(Vpz) ZONE MIN. AIRFLOW (CFM)	(D) OCCUPANT DIVERSITY (0.0 - 1.0)	(Den) OCCUPANT DENSITY (#/1000 SF)	(Rp) PEOPLE VENT. RATE (CFM / PERSON)	(Ra) AREA VENT. RATE (CFM / SF)	(Ez) ZONE EFFECTIVENESS (0.0 - 1.0)	(Pz) ZONE MAX. POPULATION (PEOPLE)	(Vbz) BREATHING ZONE VENT. AIRFLOW (CFM)	(Voz) ZONE VENT. AIRFLOW (CFM)	MIN OSA ACH AIRFLOW IF > Voz (CFM)	(Vou) UNCORRECTED OUTDOOR AIRFLOW (CFM)	(Zp) ZONE PRIM. VENT. FRACT. (0.0 - 1.0)
001-BREAKROOM	KITCHENETTE	375	300	1.0	25	5	0.06	0.8	5.0	48	59	59	47.5	0.20
004-PRIVATE OFFICE	OFFICE	155	150	1.0	5	5	0.06	0.8	1.0	14	18	18	14.3	0.12
005-PRIVATE OFFICE	OFFICE	155	150	1.0	5	5	0.06	0.8	1.0	14	18	47	14.3	0.12
006-PRIVATE OFFICE	OFFICE	125	150	1.0	5	5	0.06	0.8	1.0	13	16	38	12.5	0.10
007-PRIVATE OFFICE	OFFICE	125	150	1.0	5	5	0.06	0.8	1.0	13	16	39	12.5	0.10
008-HALL	CORRIDOR	110	100	1.0	0	0	0.06	0.8	0.0	7	8	116	6.6	0.08
TOTALS:		1045	1000						9	108	135	317	108	0.20



1/77 ADMIN FLOOR PLAN - MECHANICAL



2/77 SHOP FLOOR PLAN - MECHANICAL

GENERAL SHEET NOTES:

A. MAINTAIN MINIMUM DISTANCE OF 3'-0" BETWEEN ALL EXHAUST OUTLETS AND DOORS/OPERABLE WINDOWS.

B. MAINTAIN MINIMUM DISTANCE OF 10'-0" BETWEEN ALL EXHAUST OUTLETS AND MECHANICAL INTAKES.

C. FOR ALL DUCT CONNECTIONS TO MECHANICAL EQUIPMENT, PROVIDE TRANSITION FROM DUCT SIZE SHOWN TO EQUIPMENT CONNECTION SIZE.

D. INSTALL ALL EQUIPMENT SUCH THAT MANUFACTURER RECOMMENDED CLEARANCES ARE MAINTAINED.

E. INSTALL THERMOSTATS AT 4'-0" A.F.F. PER ADA REQUIREMENTS UNLESS OTHERWISE NOTED ON DRAWINGS. 4'-0" DIMENSION TO BE TO THE TOP OF THE THERMOSTAT.

F. UNLESS OTHERWISE NOTED, DUCT BRANCHES SHALL BE THE SAME SIZE AS DIFFUSER NECK SIZE.

G. FOR VOLUME DAMPERS ABOVE HARD LID CEILINGS, PROVIDE REMOTE CABLE CONTROL FOR DAMPER.

SHEET NOTES:

1. FAN COIL LOCATED IN TRUSS WEBBING ABOVE CEILING. ROUTE CONDENSATE TO MOP SINK IN MECHANICAL/STORAGE ROOM. PROVIDE FAN COIL ACCESS PANEL IN CEILING.
2. HEAT PUMP CONDENSING UNIT MOUNTED ON CONCRETE PAD ON GRADE.
3. EXHAUST FAN LOUVER TERMINATION BELOW ROOF EAVE OVERHANG.
4. VENTILATION OSA INTAKE LOUVER BELOW ROOF EAVE OVERHANG. ROUTE VENTILATION AIR DUCT TO RETURN PLENUM OF FC-A-1. BALANCE AS SHOWN IN VENTILATION SCHEDULE.
5. SHOP EXHAUST FAN LOUVER TERMINATION BELOW ROOF EAVE OVERHANG.
6. ELECTRIC UNIT HEATER. MOUNT WITH BOTTOM OF HEATER AT 8'-0" AFF.
7. SIDEWALL RETURN DIFFUSER MOUNTED HIGH IN BREAKROOM WALL.

CAD NO. X:\PDX\2021\2021-0985\CAD\Mechanical\MA1.1 ADMIN-SHOP FLOOR PLAN - MECHANICAL.dwg

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ASHRIAM J. FLANAGAN — STATE OF WASHINGTON — 55979 — REGISTERED PROFESSIONAL ENGINEER

PROJECT ENGINEER

WASHINGTON STATE PARKS AND RECREATION COMMISSION

CAPE DISAPPOINTMENT STATE PARK

WELCOME CENTER AND ENTRANCE IMPROVEMENTS

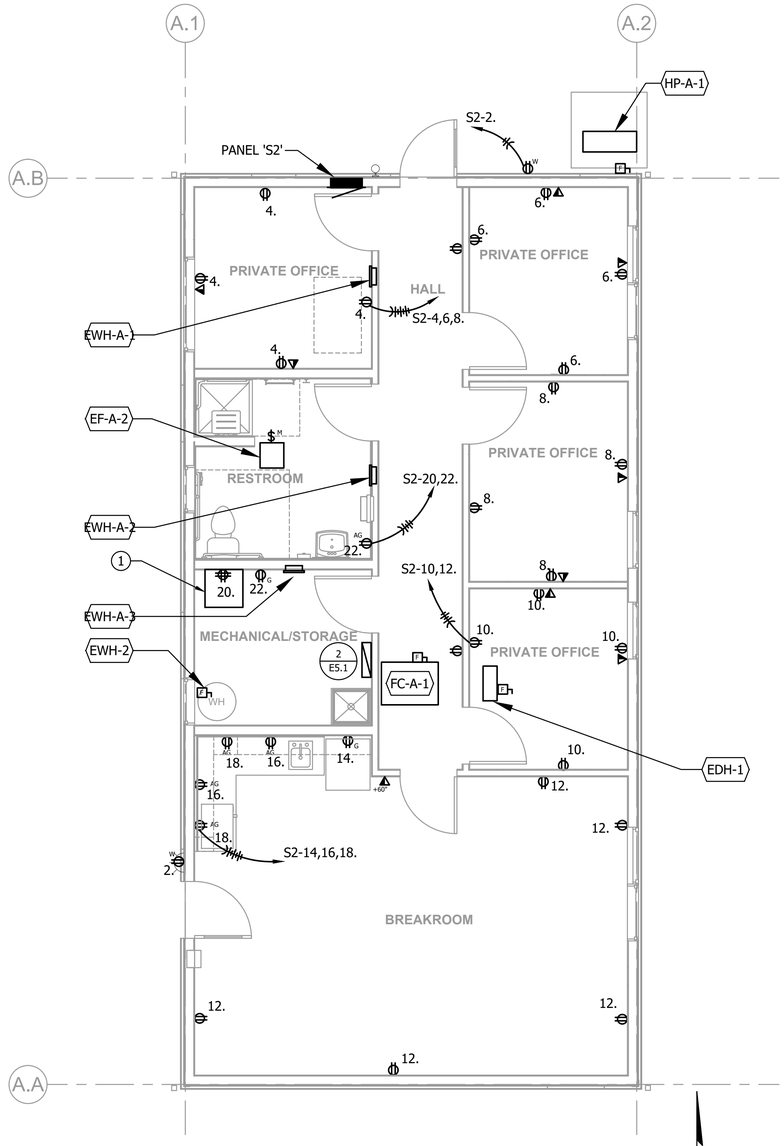
ADMIN/SHOP FLOOR PLAN - MECHANICAL

MA1.1

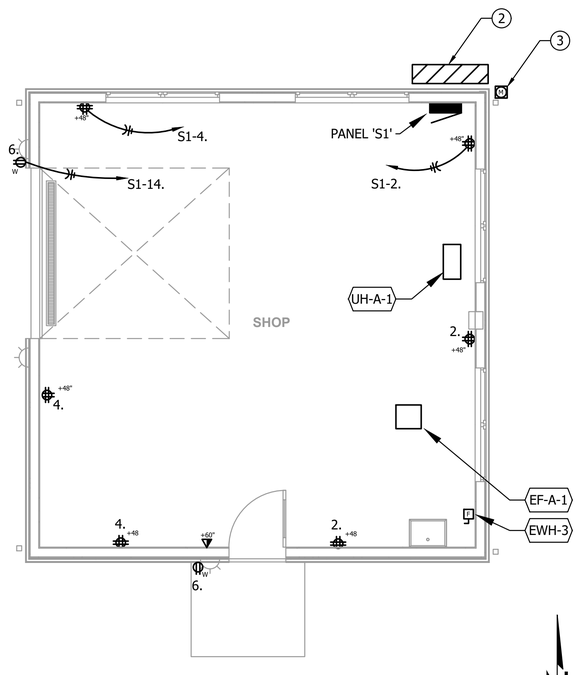
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PARKS FILE#

Plotted: Feb 02, 2024 – 11:08am raymondc X:\PDX\2021\2021-0985\CAD\Mechanical\MA1.1 ADMIN-SHOP FLOOR PLAN – MECHANICAL.dwg Layout Name: MA1.1 ADMIN-SHOP FLOOR PLAN – MECHANICAL



1/78 *ADMIN FLOOR PLAN - ELECTRICAL*



2/78 *SHOP FLOOR PLAN - ELECTRICAL*

SHEET NOTES:

1 WALL MOUNTED DATA RACK.

2 CT TERMINAL CAN.

3 SURFACE MOUNTED UTILITY METER.

SHEET 79 OF 114

CAD NO. X:\PDX\2021\2021-0985\CAD\Electrical\EA1.1 ADMIN-SHOP FLOOR PLAN - ELECTRICAL.dwg

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MARK K. O'LEARY STATE OF WASHINGTON 50894 REGISTERED PROFESSIONAL ENGINEER

PROJECT ENGINEER

WASHINGTON STATE PARKS AND RECREATION COMMISSION

CAPE DISAPPOINTMENT STATE PARK

WELCOME CENTER AND ENTRANCE IMPROVEMENTS

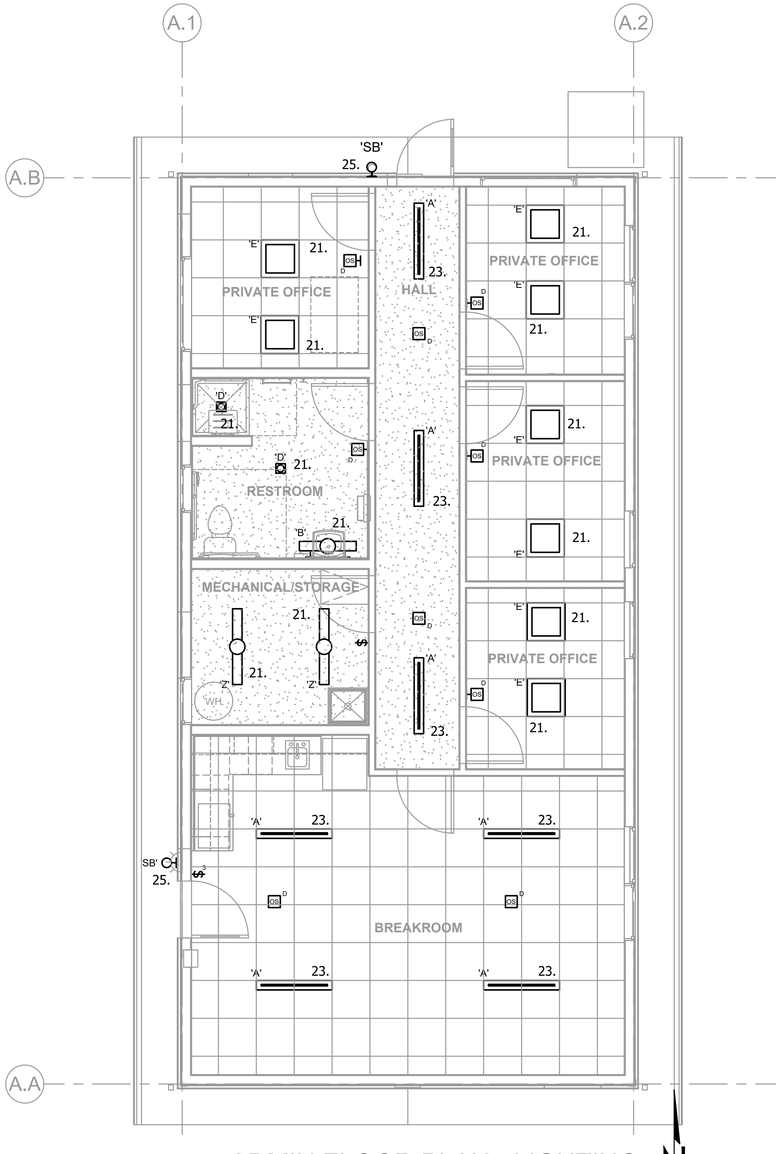
ADMIN/SHOP FLOOR PLAN - ELECTRICAL

EA1.1

SCALE 4' 0 8'

PARKS FILE#

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1/79 ADMIN FLOOR PLAN - LIGHTING

2/79 SHOP FLOOR PLAN - LIGHTING

CAD NO. X:\PDX\2021\2021-0985\CAD\Electrical\EA1.2 ADMIN-SHOP FLOOR PLAN - LIGHTING.dwg

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MARK K. O'LEARY
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WASHINGTON STATE PARKS AND RECREATION COMMISSION

CAPE DISAPPOINTMENT STATE PARK

WELCOME CENTER AND ENTRANCE IMPROVEMENTS

ADMIN/SHOP FLOOR PLAN - LIGHTING

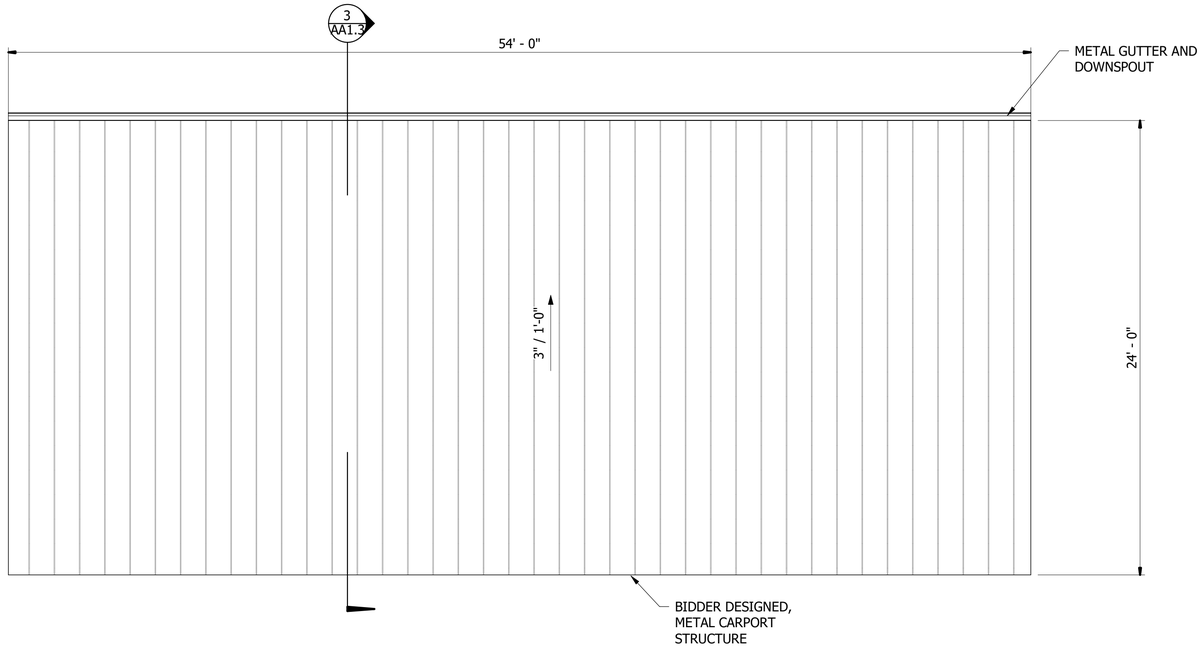
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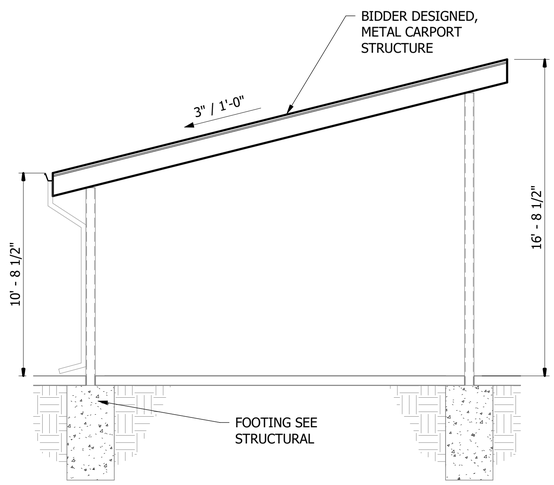
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SHEET 80 OF 114

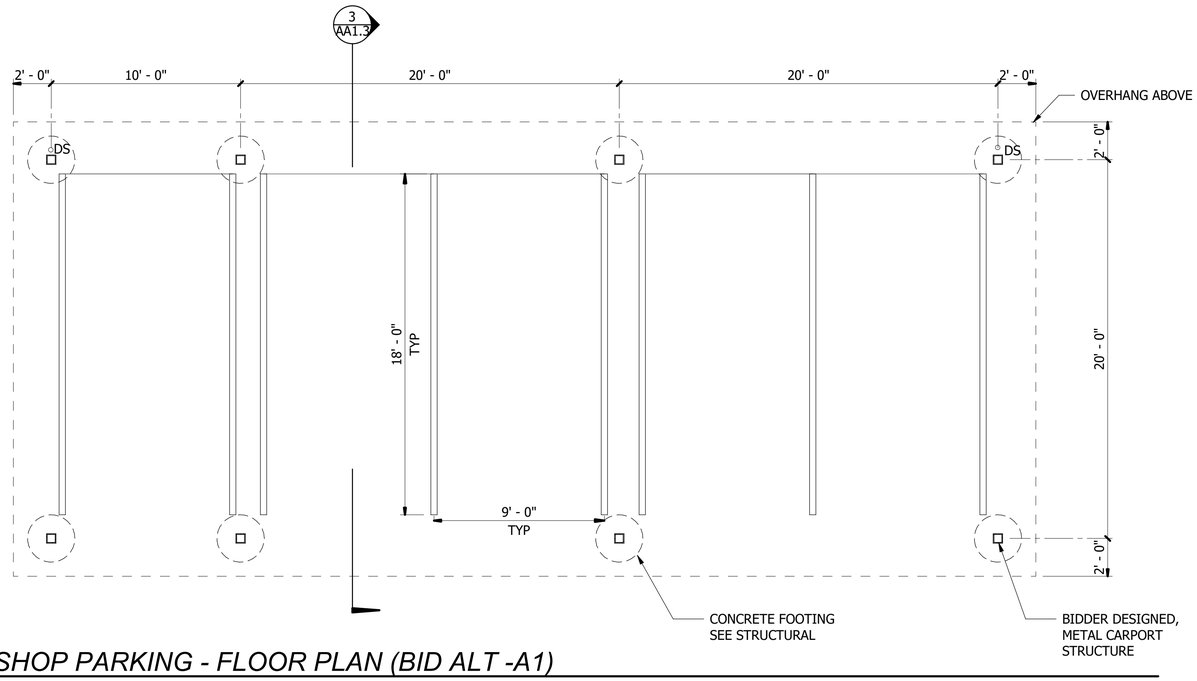
Plotted: Feb 02, 2024 – 11:09am raymondc X:\PDX\2021\2021-0985\CAD\Electrical\EA1.2 ADMIN-SHOP FLOOR PLAN – LIGHTING.dwg Layout Name: EA1.2 ADMIN-SHOP FLOOR PLAN – LIGHTING



2 AA1.3 *SHOP PARKING - ROOF PLAN (BID ALT -A1)*
SCALE: 1/4" = 1'-0"



3 AA1.3 *COVERED PARKING SECTION (BID ALT -A1)*
SCALE: 1/4" = 1'-0"



1 AA1.3 *SHOP PARKING - FLOOR PLAN (BID ALT -A1)*
SCALE: 1/4" = 1'-0"

CAD NO: Autodesk Docs://33427 - Cape Disappointment/33427 - Cape Disappointment.rvt

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CHECKED (HDQTS.)	-	-

9277 REGISTERED ARCHITECT
MATTHEW NEISH
STATE OF WASHINGTON
01/31/2024
STAMP - ARCHITECT

WASHINGTON STATE PARKS AND RECREATION COMMISSION

CAPE DISAPPPOINTMENT STATE PARK

WELCOME CENTER AND ENTRANCE IMPROVEMENTS

BID ALTERNATE A1 -COVERED PARKING

AA1.3

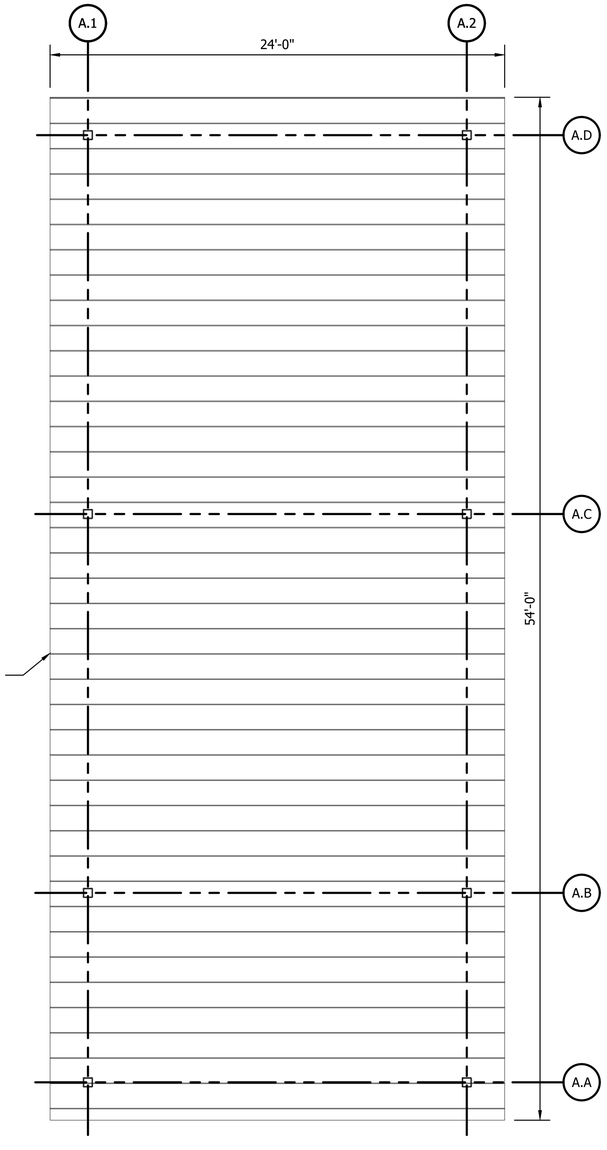
SCALE: 1/4" = 1'-0"

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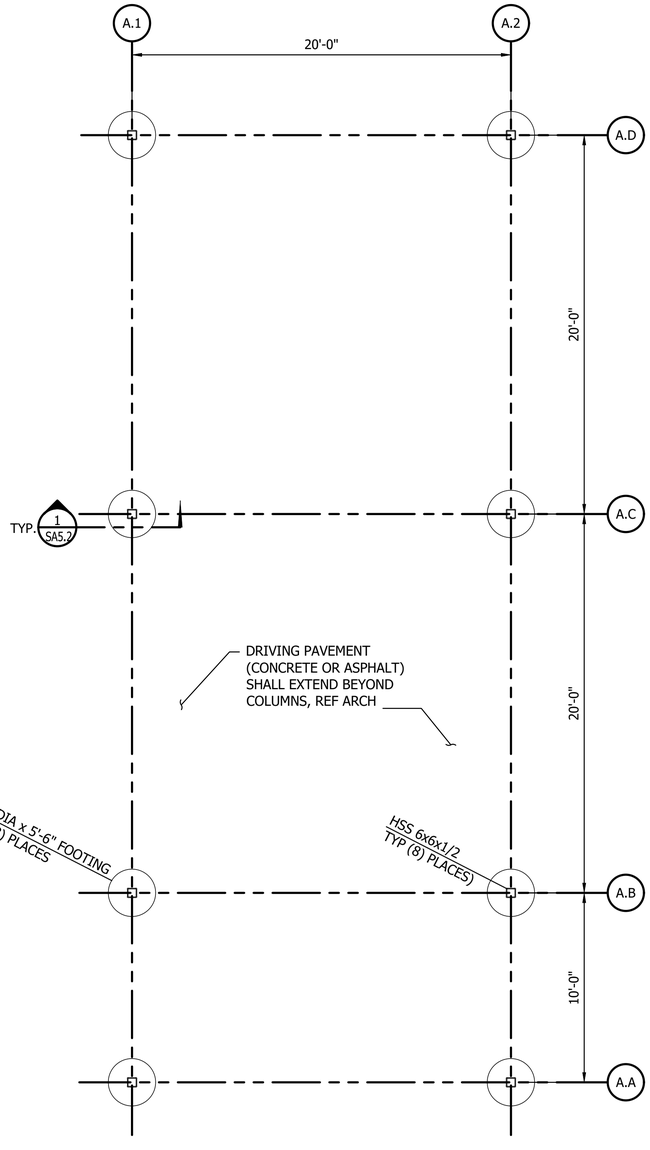
If this drawing is not 22" x 34", it has been reduced/enlarged. Scale accordingly.

PARKS FILE#

Plot Date: 2/2/2024 11:38:34 AM
Revit File: Autodesk Docs://33427 - Cape Disappointment/33427 - Cape Disappointment.rvt



COVERED PARKING - ROOF PLAN



COVERED PARKING - FLOOR PLAN

CAD NO. K:\PROJECT\33400\33427\CADD\ACAD\Dwg\SA1.2.dwg		
		DATE
		APP.
		INT.
		REVISIONS
		NO.

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SEAN M. CLARK
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01/31/2024

PROJECT ENGINEER

WASHINGTON STATE PARKS AND RECREATION COMMISSION

CAPE DISAPPOINTMENT STATE PARK

WELCOME CENTER AND ENTRANCE IMPROVEMENTS

COVERED PARKING

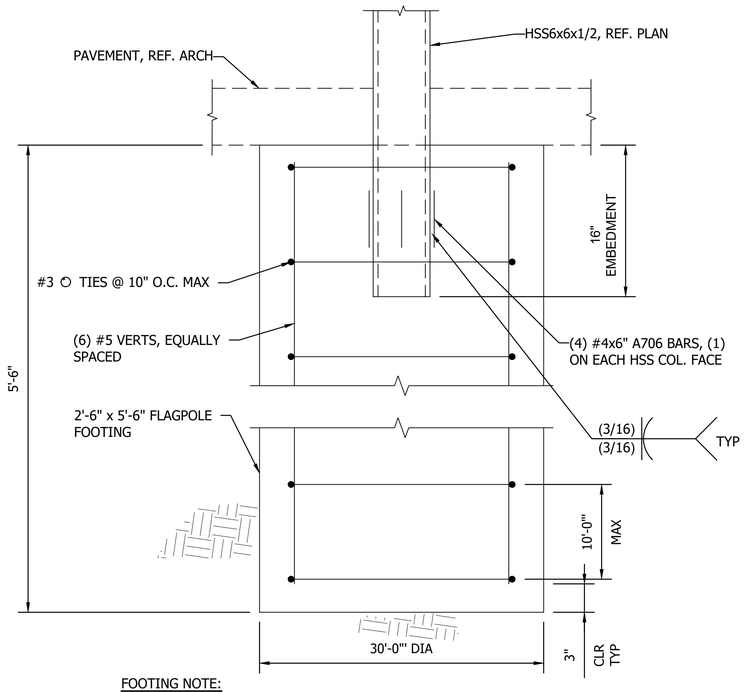
SA1.2

SCALE
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PARKS FILE#

SHEET 82 OF 114

Plotted: Feb 02, 2024 – 10:44am Sean.Clark K:\PROJECT\33400\33427\CADD\ACAD\Dwg\SA1.2.dwg Layout Name: SA1.2



FOOTING NOTE:
FOOTING SHOWN USED FOR PRICING. SUPERSTRUCTURE IS BIDDER DESIGNED AND MAY MODIFY FOOTING AND/OR ANCHORAGE.

1 SA502 *TYP CARPORT - FLAGPOLE FOOTING*

SHEET 83 OF 114

CAD NO. K:\PROJECT\33400\33427\CADD\ACAD\Dwg\SA5.1.dwg

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SEAN M. CLARK STATE OF WASHINGTON 22013668 STRUCTURAL ENGINEER PROFESSIONAL ENGINEER 01/31/2024

PROJECT ENGINEER

WASHINGTON STATE PARKS AND RECREATION COMMISSION

CAPE DISAPPOINTMENT STATE PARK

WELCOME CENTER AND ENTRANCE IMPROVEMENTS

COVERED CARPORT CONCRETE DETAILS

SA5.2

SCALE 6" 0 1'

PARKS FILE#

Plotted: Feb 02, 2024 – 10:43am Sean.Clark K:\PROJECT\33400\33427\CADD\ACAD\Dwg\SA5.1.dwg Layout Name: SA5.2

10 | MEANS OF EGRESS

OCCUPANCY LOAD SUMMARY

LEVEL 01:

BUSINESS @ 150 GROSS = 3 OCCUPANTS
ASSEMBLY @ 15 NET = 10 OCCUPANTS
UTILITY @ 300 GROSS = 1 OCCUPANTS
TOTAL BUILDING OCCUPANTS: 14 OCCUPANTS

NUMBER OF EXITS

LEVEL 01: **REQUIRED: 1**
PROVIDED: 2

AREAS OF REFUGE

NO AREAS OF REFUGE ARE REQUIRED FOR THE SCOPE.

EXIT ACCESS TRAVEL DISTANCE & COMMON PATH OF TRAVEL DISTANCE

PATH OF TRAVEL
B OCCUPANCY MAXIMUM: 200'

COMMON PATH OF TRAVEL
B OCCUPANCY MAXIMUM: 200'

CORRIDOR CONTINUITY

NO RATED COORIDORS REQUIRED IN PROJECT

11 | ACCESSIBILITY

PARKING

SCOPE DOES NOT REQUIRE ADDITIONAL PARKING. NO ADDITIONAL PARKING PROVIDED AS PART OF THIS PROJECT.

SIGNAGE

NO SIGNAGE WILL BE ADDED OR MODIFIED AS PART OF THIS PROJECT.

15 | ROOF ASSEMBLIES

ROOF ASSEMBLIES REQUIRED TO BE CLASS B OR HIGHER, CLASS A PROVIDED.

16 | ENERGY CODE REQUIREMENTS (WSEC 2018)

TABLE 5.5-4 (CLIMATE ZONE 4) PERSCRIPTIVE PATH

BUILDING ELEMENT	REQUIRED	PROPOSED
(FULLY CONDITIONED)		
ATTIC	R-49	R-49
WALLS (WOOD FRAMED) - ABOVE GRADE	R-21	R-21
UNHEATED SLAB - EDGE PERIMETER	R-10 FOR 24" BELOW SLAB	R-10 FOR 24" BELOW SLAB
FENESTRATION - ENTRANCE DOOR	U 0.60, SHGC 0.33, VT	U 0.60, SHGC 0.33, VT
FENESTRATION (FRAMED, FIXED)	0.36	0.36
FENESTRATION (FRAMED, OPERABLE)	U 0.38, SHGC (SEW) 0.38, (N) 0.51 U 0.40, SHGC (SEW)	U 0.38, SHGC (SEW) 0.38, (N) 0.51 U 0.40, SHGC (SEW)
SKYLIGHTS	0.38, (N) 0.51 U 0.50 SHGC 0.35	0.38, (N) 0.51 U 0.50 SHGC 0.35
FENESTRATION AREA LIMITATIONS	0%-30%	18.27%
SWINGING DOOR	U 0.37	U 0.37
GARAGE DOOR	U 0.34	U 0.34

NOTE: FENESTRATION PRODUCTS SHALL BE LABELED WITH NFRC U-FACTOR, SHGC, VT AND LEAKAGE RATING, IDENTIFICATION MARK SHALL BE APPLIED TO ALL INSULATION MATERIALS

AIR LEAKAGE TESTING
PROJECT REQUIRES BUILDING ENCLOSURE AIR LEAKAGE TESTING FOR WSEC COMPLIANCE (C402.5.1.2) AIR LEAKAGE OF THE BUILDING ENVELOPE SHALL NOT EXCEED .25 CFM/SQ. FT AT A PRESSURE DIFFERENTIAL OF 0.3 INCHES WATER GAUGE AT THE UPPER 95% CONFIDENCE INTERVAL IN ACCORDANCE WITH ASTM E779.

INCLUDE THE FOLLOWING REQUIREMENTS IN PROJECT DOCUMENTS: (1) SUBMIT BUILDING ENCLOSURE AIR LEAKAGE TEST REPORTS TO JURISDICTION AND OWNER; (2) IF INITIAL TEST RESULT EXCEEDS 0.25 CFM/FT2 (1.5 L/S*M2), INDICATE THAT INSPECTION AND ALL PRACTICAL CORRECTIVE ACTIONS BE COMPLETED AND DOCUMENTED IN THE AIR LEAKAGE TEST REPORT; (3) IF INITIAL TEST RESULT EXCEEDS 0.40 CFM/FT2 (2.0 L/S*M2), INDICATE THAT CORRECTIVE ACTIONS SHALL ALSO INCLUDE RE-TESTING; (4) INDICATE THAT CORRECTIVE MEASURES AND RETESTING MUST BE REPEATED UNTIL THE TEST RESULT IS 0.40 CFM/FT2 (2.0 L/S*M2) OR LESS; (4) INCLUDE AIR BARRIER TEST REPORT IN PROJECT CLOSE OUT DOCUMENTATION PROVIDED TO BUILDING OWNER.

PROJECT CLOSE OUT DOCUMENTATION
PROJECT CLOSE OUT DOCUMENTATION IS REQUIRED INCLUDING APPLICABLE CALCULATIONS, WSEC ENVELOPE COMPLIANCE REPORTS, AND FENESTRATION NFRC RATING CERTIFICATES

7 | FIRE & SMOKE PROTECTION FEATURES

BUILDING SEPARATION

FIRE SEPARATION DISTANCE (FEET)	DEGREE OF OPENING PROTECTION	ALLOWABLE AREA
0 TO LESS THAN 3	ALL	NOT PERMITTED
3 TO LESS THAN 5	UNPROTECTED/NONSPRINKLERED	NOT PERMITTED
	PROTECTED	15%
5 TO LESS THAN 10	UNPROTECTED/NONSPRINKLERED	10%
	PROTECTED	25%
10 TO LESS THAN 15	UNPROTECTED/NONSPRINKLERED	15%
	PROTECTED	45%
15 TO LESS THAN 20	UNPROTECTED/NONSPRINKLERED	25%
	PROTECTED	75%
20 TO LESS THAN 25	UNPROTECTED/NONSPRINKLERED	70%
	PROTECTED	NO LIMIT
25 TO LESS THAN 30	UNPROTECTED/NONSPRINKLERED	NO LIMIT
	PROTECTED	NO LIMIT
30 OR GREATER	UNPROTECTED/NONSPRINKLERED	NO LIMIT
	PROTECTED	NO LIMIT

FACADE	PROTECTION / SPRINKLERING	DISTANCE TO MEASURED SEPARATION
NORTH	NP / SP	90' - 0"
EAST	NP / SP	32' - 6"
SOUTH	NP / SP	65' - 0"
WEST	NP / SP	165' - 0"

SHAFTS

THERE ARE NO SHAFTS IN THIS BUILDING

8 | INTERIOR FINISHES

FLAME-SPREAD RATING

WALL AND CEILING FINISH MATERIALS TO HAVE THE FOLLOWING FLAME SPREAD RATING OR HIGHER (B OCCUPANCY):

INTERIOR EXIT STAIRWAYS & RAMPS & EXIT PASSAGEWAYS
NONE IN BUILDING
CORRIDORS & ENCOSURE FOR EXIT ACCESS STAIRWAYS & RAMPS
NONE IN BUILDING
ROOMS & ENCLOSED SPACES
REQUIRED - C, PROVIDED - C

9 | FIRE PROTECTION SYSTEMS

SPRINKLER SYSTEM

NO SPRINKLER SYSTEM IN THIS BUILDING

1 | SCOPE & ADMINISTRATION

CODE PATH

BUILDING CODE: INTERNATIONAL BUILDING CODE (IBC) 2018 EDITION WITH WAC 51-50
MECHANICAL CODE: INTERNATIONAL MECHANICAL CODE (IMC) 2018 EDITION WITH WAC 51-52
PLUMBING CODE: UNIFORM PLUMBING CODE (UPC) 2018 EDITION WITH WAC 51-56
ELECTRICAL CODE: THE 2020 NATIONAL ELECTRICAL CODE (NEC), WITH AMENDMENTS
ENERGY CODE: WASHINGTON STATE ENERGY CODE (WSEC) 2018 EDITION WITH WAC 51-11
FIRE CODE: INTERNATIONAL FIRE CODE (IFC) 2018 EDITION WITH WAC 51-54A
ACCESSIBLITY: ICC/ANSI A117.1-2009 ACCESSIBILITY WITH WAC 51-50

3 | USE & OCCUPANCY

OCCUPANCY GROUPS

B: ADMINISTRATIVE OFFICE

4 | SPECIAL OCCUPANCY REQUIREMENTS

NONE IN THIS PROJECT.

5 | BUILDING CONSTRUCTION

CONSTRUCTION TYPE

CONSTRUCTION TYPE: V-B, NON-SPRINKLERED

HEIGHT IN FEET

ALLOWED: 40'
PROVIDED: 15'-6"

NUMBER OF STORIES

ALLOWED: 1
PROVIDED: 1

GROSS BUILDING AREA SUMMARY

OCCUPANCY GROUP FLOOR TOTAL	B
LEVEL 1	**640 GSF**
640 GSF	

FIRE-RATING REQUIREMENTS FOR BUILDING ELEMENTS

NONE REQUIRED FOR THIS BUILDING

OCCUPANCY GROUP AREA SUMMARY & TABULAR ALLOWABLE AREA

TYPE & OCCUPANCY:	BASE GSF (NS):
TYPE VB- B OCCUPANCY	9,000 GSF

MAX TOTAL ALLOWABLE BUILDING AREA = 9,000 GSF
PROPOSED BUILDING AREA = 640 GSF

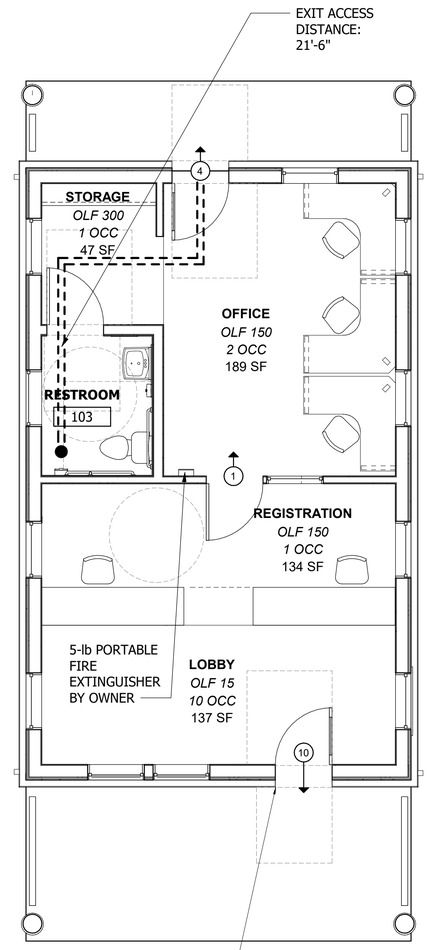
6 | TYPES OF CONSTRUCTION

FIRE RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS (HOURS)

TYPE VB	
PRIMARY STRUCTURAL FRAME	NR
EXTERIOR BEARING WALLS	NR
INTERIOR BEARING WALLS	NR
STRUCTURAL FRAME SUPPORTING ROOF ONLY	NR
FLOORS & SECONDARY MEMBERS	NR
ROOF CONSTRUCTION	NR

FIRE RESISTANCE RATING REQUIREMENTS FOR EXTERIOR WALLS

FIRE SEPARATION DISTANCE	V-B, B & F-1 OCC
X < 5	2
5 < X < 10	1
10 < X < 30	1
X > 30	0



1 AW0.1 *WELCOME CENTER - FLS PLAN*
SCALE: 1/4" = 1'-0"

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01/31/2024
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WASHINGTON STATE PARKS AND RECREATION COMMISSION

CAPE DISAPPPOINTMENT STATE PARK

WELCOME CENTER AND ENTRANCE IMPROVEMENTS

WELCOME CENTER FIRE LIFE SAFETY PLANS AND CODE SUMMARY

AW0.1

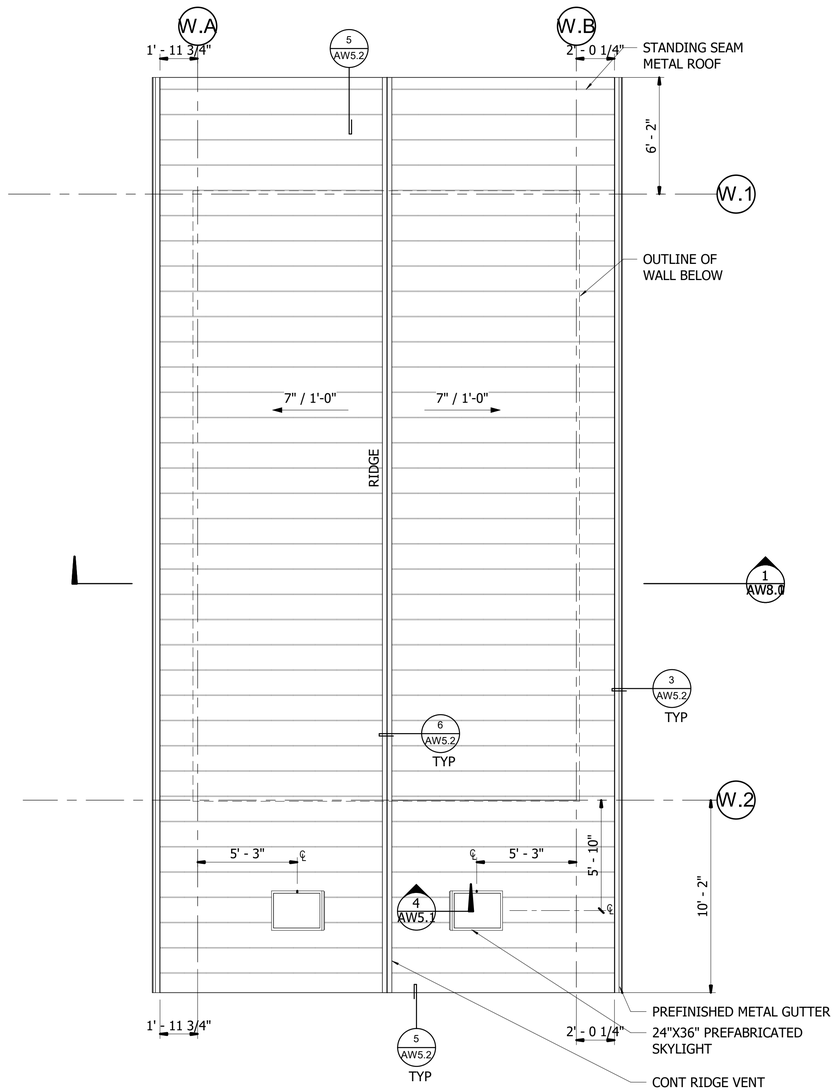
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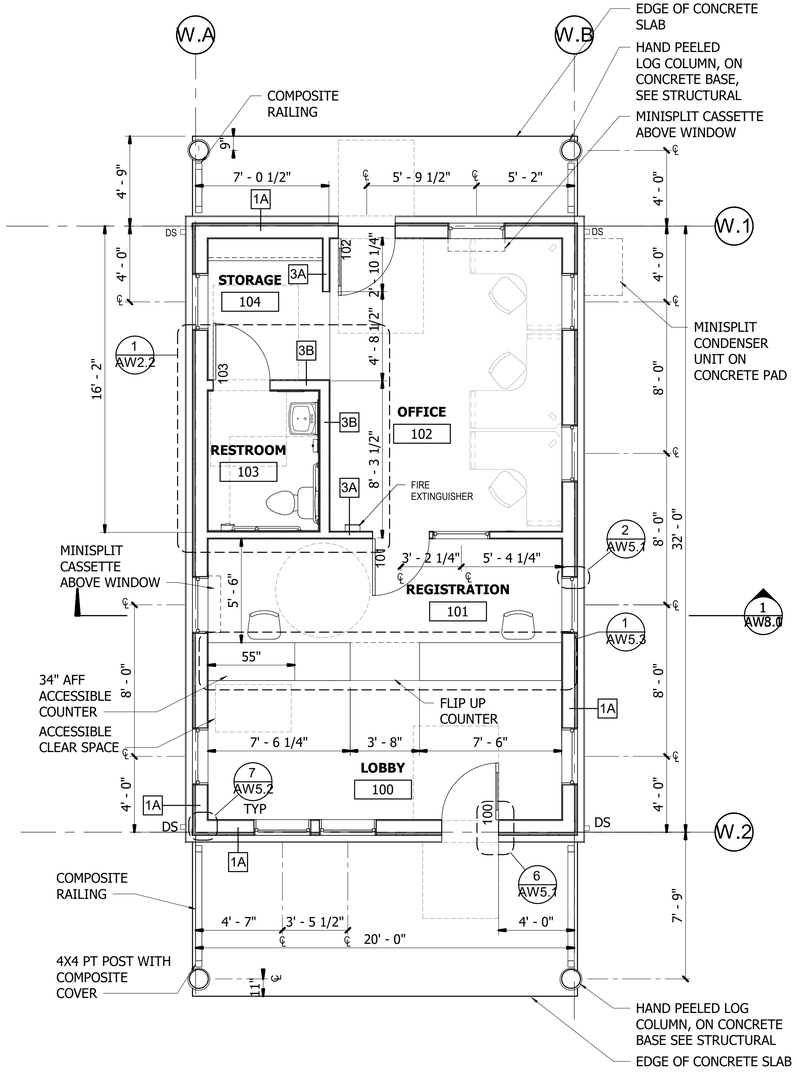
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ROOF VENTILATION CALCULATION:
167,112 SQ. IN ATTIC AREA
167,112/ 300 = 557 SQ. IN REQUIRED VENTILATION
RIDGE VENT = 15 SQ. IN/ LINEAR FOOT X 48 = 720 SQ. IN
VENTED EAVE BLOCKS = (32) X 9 SQ. IN / BLOCK = 288 SQ. IN
TOTAL = 1,008 SQ. IN
(PER 1202.2 EXCEPTION - 1/300 OF AREA REQUIRED VENTILATION IF:
1. CLASS I OR II VAPOR RETARDER INSTALLED ON WARM SIDE OF CEILING
2. 40 - 50% OF VENTILATION PROVIDED IN UPPER PORTION OF ATTIC)





BUILDING PLAN NOTES

1. ALL DIMENSIONS AND GRIDS ARE TO FACE OF STUD AND EDGE OF ROUGH OPENING UNLESS OTHERWISE NOTED.
2. FOR ARCHITECTURAL ABBREVIATIONS & SYMBOL LEGEND SEE SHEET A0.01.
3. SEE SHEET AW7.1 FOR ROOM FINISH SCHEDULE AND FOR DOOR AND WINDOW TYPES AND SCHEDULES.
4. SIDEWALKS AND PATIOS SHALL SLOPE AT 2% MAXIMUM AS SHOWN ON PLANS. WARP CONCRETE AT WALLS AND COLUMNS AS SHOWN TO FORCE WATER TO MIGRATE AWAY FROM AND AROUND WITHOUT EXCEEDING 1.5% MAXIMUM SLOPE.
5. FOR MECHANICAL SYSTEMS & EQUIPMENT SEE MECHANICAL DRAWINGS.
6. FOR ELECTRICAL LIGHTING & EQUIPMENT SEE ELECTRICAL DRAWINGS.

ROOF PLAN NOTES

1. SEE LOWER FLOOR PLANS FOR BUILDING DIMENSIONS.

2 AW1.1 *WELCOME CENTER - ROOF PLAN*
SCALE: 1/4" = 1'-0"

1 AW1.1 *FIRST FLOOR PLAN*
SCALE: 1/4" = 1'-0"

1' 4' 8'

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WASHINGTON STATE PARKS AND RECREATION COMMISSION

CAPE DISAPPPOINTMENT STATE PARK

WELCOME CENTER AND ENTRANCE IMPROVEMENTS

WELCOME CENTER FLOOR PLAN & ROOF PLAN

AW1.1

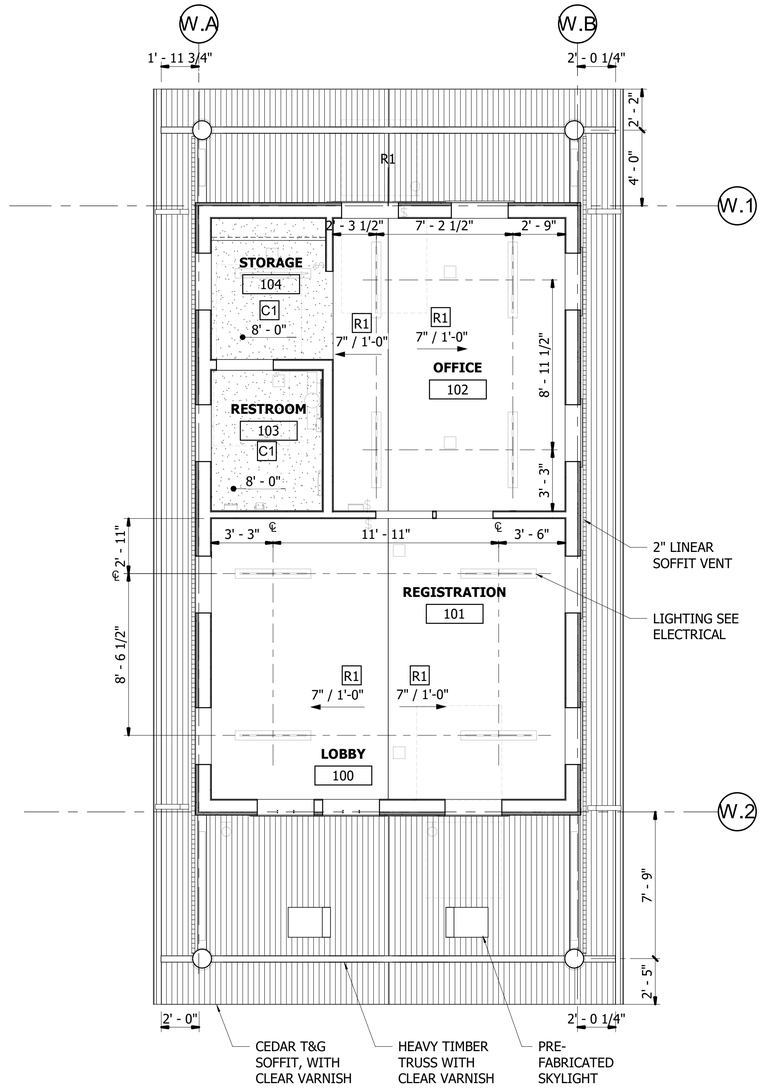
SCALE: 1/4" = 1'-0"

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1 AW1.2 *WELCOME CENTER - REFLECTED CEILING PLAN*

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

BUILDING PLAN NOTES

1. ALL DIMENSIONS AND GRIDS ARE TO FACE OF STUD AND EDGE OF ROUGH OPENING UNLESS OTHERWISE NOTED.
2. FOR ARCHITECTURAL ABBREVIATIONS & SYMBOL LEGEND SEE SHEET A0.01.
3. SEE SHEET AW7.1 FOR ROOM FINISH SCHEDULE AND FOR DOOR AND WINDOW TYPES AND SCHEDULES.
4. SIDEWALKS AND PATIOS SHALL SLOPE AT 2% MAXIMUM AS SHOWN ON PLANS. WARP CONCRETE AT WALLS AND COLUMNS AS SHOWN TO FORCE WATER TO MIGRATE AWAY FROM AND AROUND WITHOUT EXCEEDING 1.5% MAXIMUM SLOPE.
5. FOR MECHANICAL SYSTEMS & EQUIPMENT SEE MECHANICAL DRAWINGS.
6. FOR ELECTRICAL LIGHTING & EQUIPMENT SEE ELECTRICAL DRAWINGS.

LIGHTING LEGEND

- RECESSED 2'X2' LIGHT FIXTURE
- RECESSED 1'X4' LIGHT FIXTURE
- SURFACE OR PENDANT MOUNTED 1'X4' LIGHT FIXTURE
- WALL MOUNTED LIGHT FIXTURE

1' 4' 8'

SHEET 86 OF 114

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CAPE DISAPPPOINTMENT STATE PARK

WELCOME CENTER AND ENTRANCE IMPROVEMENTS

WELCOME CENTER REFLECTED CEILING PLAN

AW1.2

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

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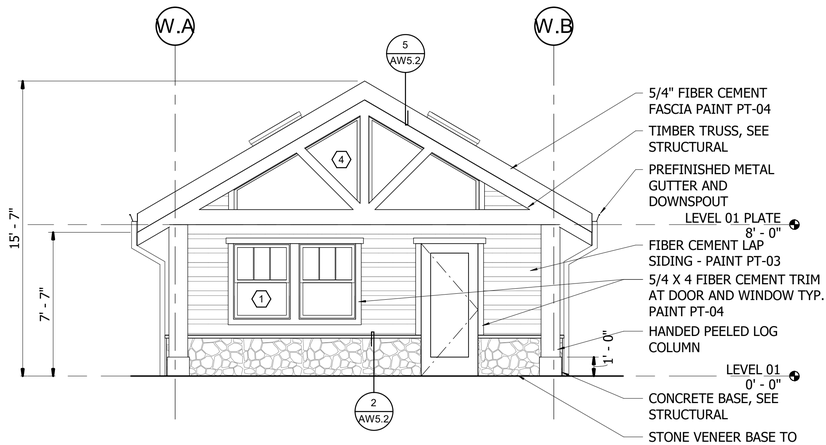
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ELEVATION LEGEND

- FIBER CEMENT LAP SIDING 4"/ 7" EXPOSURE (PT-03)
- STONE VENEER

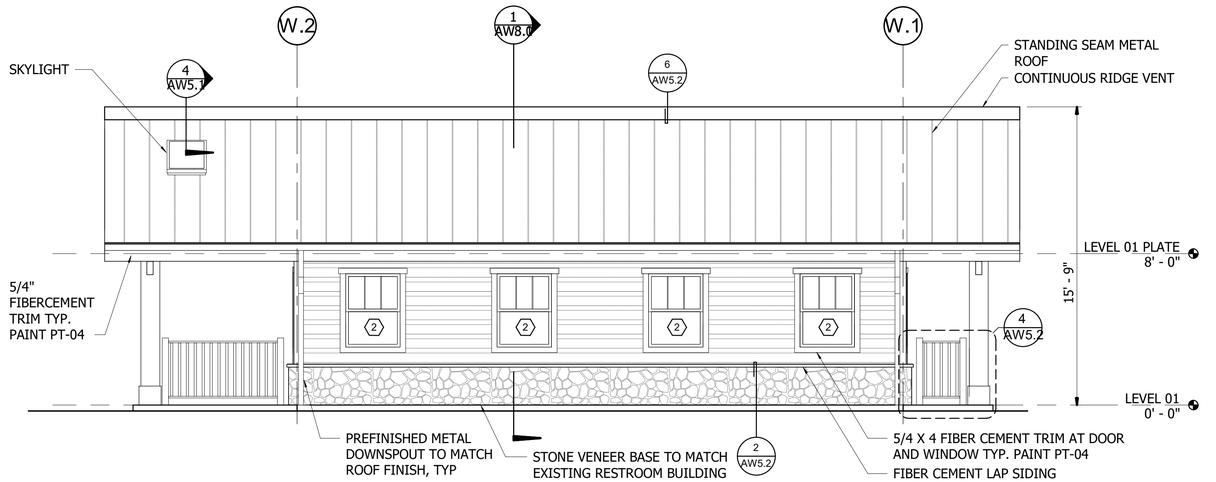
ELEVATION NOTES

1. SEE BUILDING FLOOR PLANS FOR WINDOW AND DOOR TAGS AND ACTIVE PANELS
2. SEE THE SHEET AW7.1 FOR WINDOW AND DOOR SCHEDULES.
3. SIDING TYPE, REVEALS & BUILDING COLORS SHALL WRAP AROUND CORNERS INTO RECESSED AREAS UNLESS OTHERWISE NOTED.
4. SEE 8/AW5.2 FOR DETAILS AT ELECTRICAL LIGHTS, COMMUNICATION PANEL AND EQUIPMENT.
5. SEE 9/AW5.2 FOR ELECTRICAL AND MECHANICAL PENETRATIONS.
6. SEE 13/AW5.1 FOR OPENING WEATHER WRAP DETAILS.
7. SEE AW9.0 FOR MATERIALS



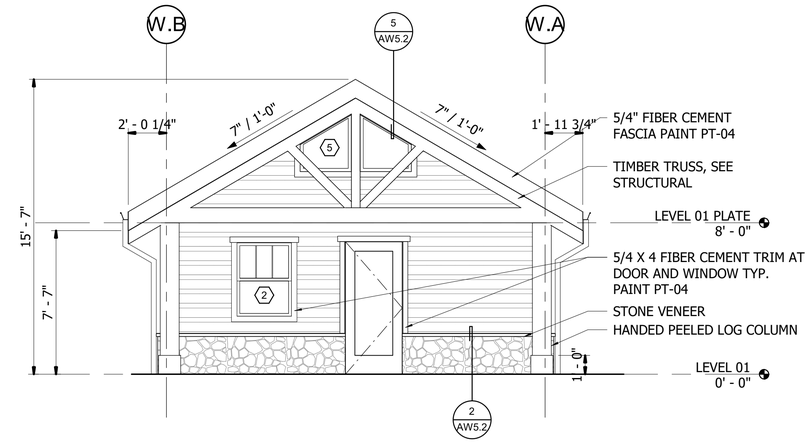
4 AW2.1 **WELCOME CENTER - SOUTH ELEVATION**

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



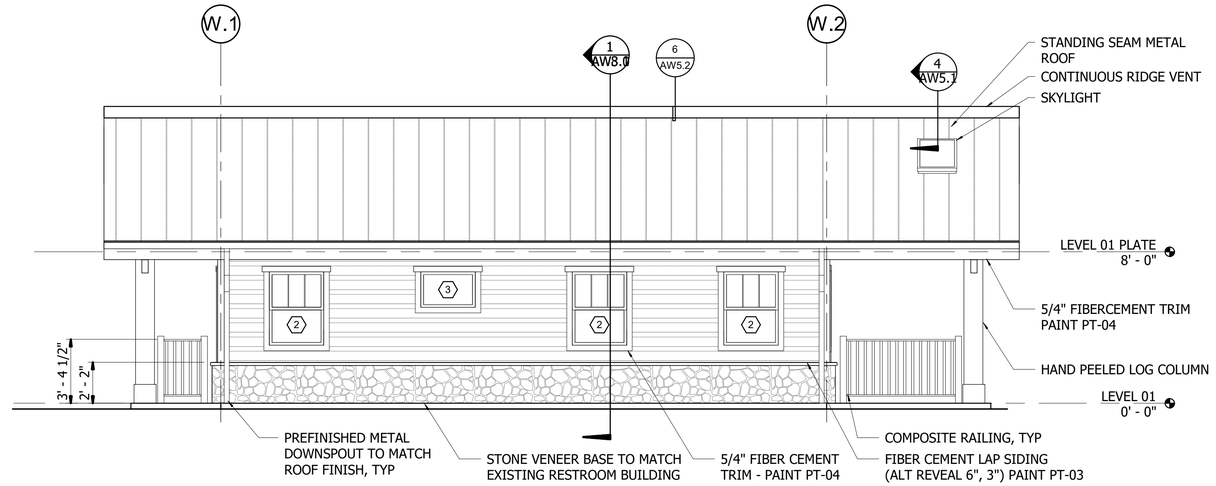
3 AW2.1 **WELCOME CENTER - EAST ELEVATION**

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



2 AW2.1 **WELCOME CENTER - NORTH ELEVATION**

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



1 AW2.1 **WELCOME CENTER - WEST ELEVATION**

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

1' 4' 8'

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CAPE DISAPPPOINTMENT STATE PARK

WELCOME CENTER AND ENTRANCE IMPROVEMENTS

WELCOME CENTER EXTERIOR ELEVATIONS

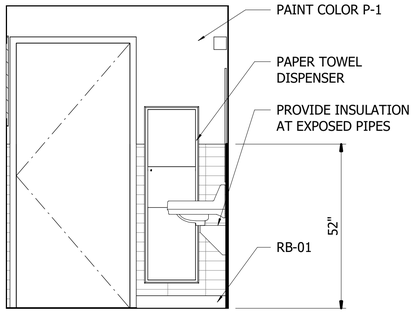
AW2.1

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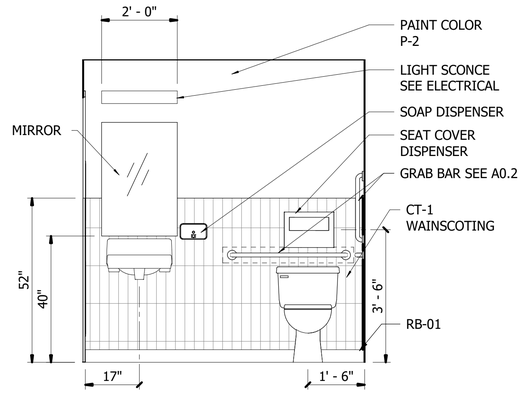
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FOR ACCESSIBILITY DETAIL SEE 6/A0.2

4 AW2.2 ENLARGED RESTROOM ELEV 1

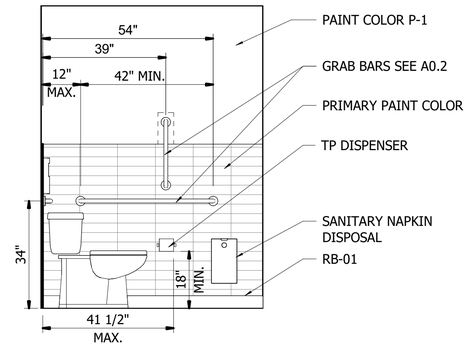
SCALE: 1/2" = 1'-0"



FOR ACCESSIBILITY DETAIL SEE 6/A0.2

3 AW2.2 ENLARGED RESTROOM ELEV 2

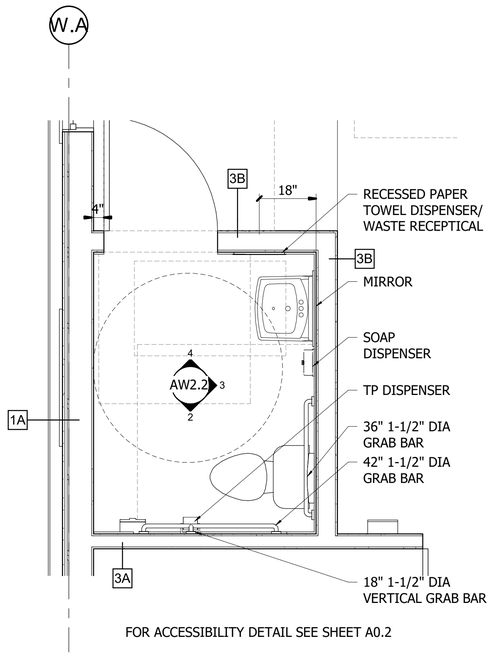
SCALE: 1/2" = 1'-0"



FOR ACCESSIBILITY DETAIL SEE 7/A0.2

2 AW2.2 ENLARGED RESTROOM ELEV 3

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



FOR ACCESSIBILITY DETAIL SEE SHEET A0.2

1 AW2.2 WELCOME CENTER - ENLARGED RESTROOM PLAN

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

1' 3' 2'

INT ELEVATION NOTES

1. SEE A0.2 FOR ACCESSIBILITY DETAILS AND MOUNTING HEIGHTS
2. PROVIDE AND COORDINATE IN-WALL BLOCKING FOR ALL CASEGOODS AND MILLWORK WITH FABRICATOR AND GENERAL CONTRACTOR PRIOR TO INSTALLATION. PROVIDE BLOCKING FOR ALL PLUMBING ACCESSORIES (TOWEL BARS, GRAB BARS, ETC.)
3. SEE MECHANICAL ELECTRICAL AND PLUMBING DRAWINGS FOR ITEMS NOT SHOWN HERE
4. FLOORING TRANSITIONS WILL OCCUR UNDER CENTERLINE OF DOOR IN CLOSED POSITION, U.N.O.

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WELCOME CENTER AND ENTRANCE IMPROVEMENTS

WELCOME CENTER INTERIOR ELEVS/ENLARGED PLANS

AW2.2

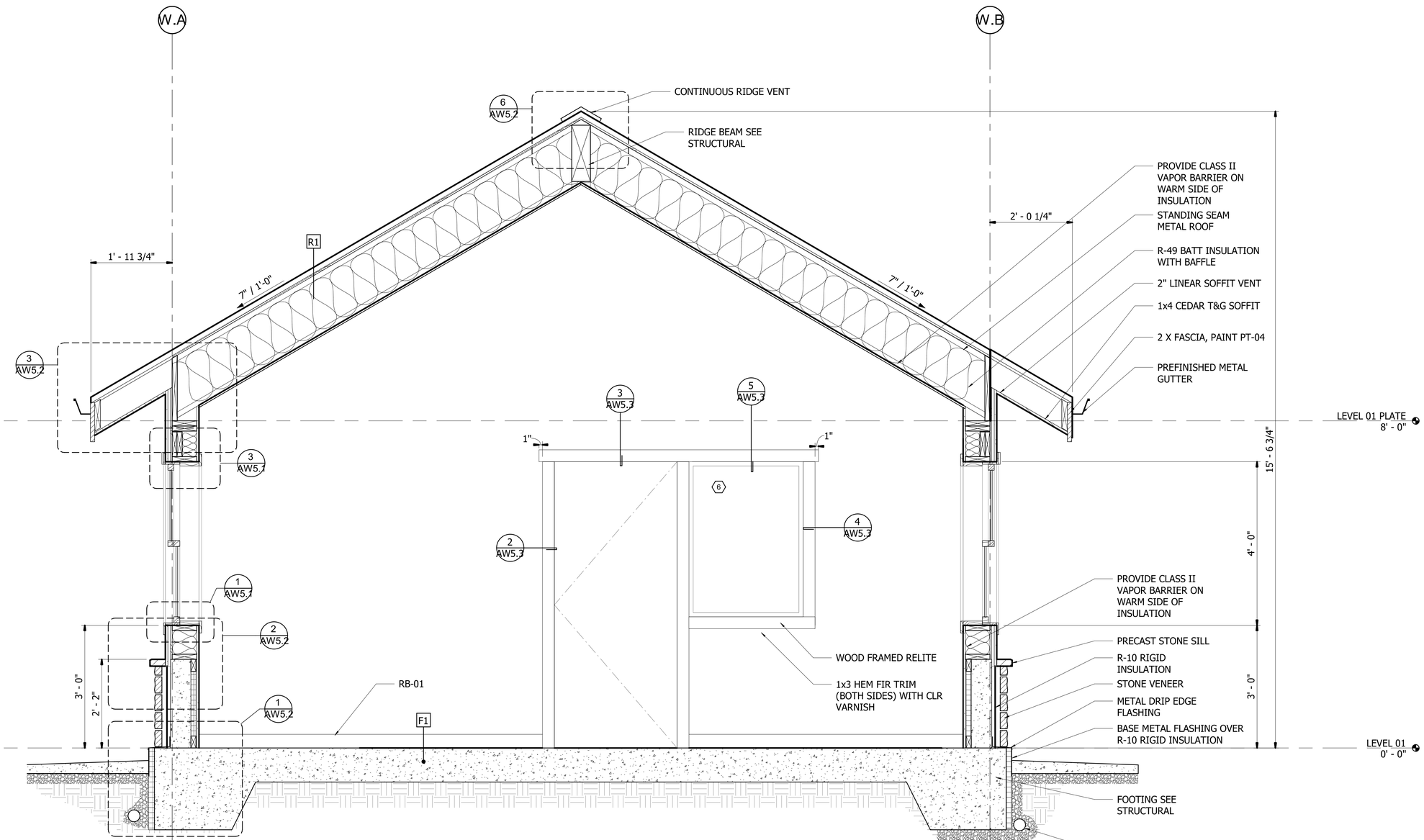
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1 AW3.1 *WELCOME CENTER CROSS SECTION*

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

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WELCOME CENTER AND ENTRANCE IMPROVEMENTS

WELCOME CENTER BUILDING SECTIONS

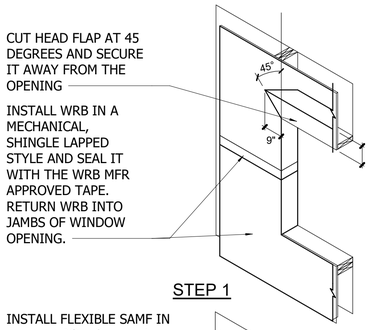
AW3.1

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

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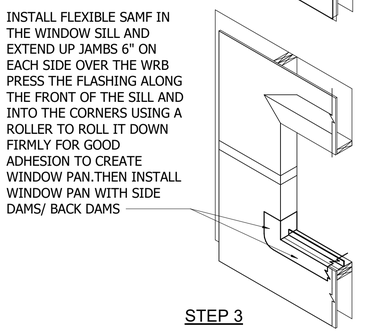
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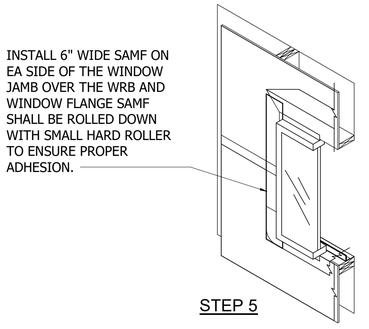
STEP 1

NOTE:
CHECK WINDOW OPENING FOR LEVEL, PLUMB AND SQUARENESS. VERIFY OPENING WILL ENABLE MFR CLEARANCE AT HEAD AND JAMBS OF WINDOW. IF THESE CLEARANCES ARE NOT AVIALABLE, THE WINDOW SHALL NOT BE INSTALLED AND THE CONSTRUCTION SUPERINTENDENT SHOULD BE NOTIFIED.

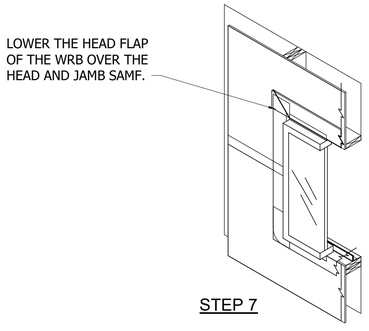


STEP 3

NOTES:
1. INSPECT WINDOW FRAME MITER JOINTS AND NAILING FLANGES FOR DAMAGE AND REPAIR AS NECESSARY.
2. NO WINDOW GAPS ARE ALLOWED AT THE WALL FINS OF FACTORY MULLED WINDOWS
3. CHECK WINODW FOR PROPER TYPE AND SIZE FOR LOCATION.
4. AFTER THE WINDOW IS PUT INTO THE ROUGH OPENING IT SHALL BE ADJUSTED TO ENABLE THE MFR MIN AIRSPACE BETWEEN THE WINDOW AND THE JAMBS AND HEAD.
5. INSTALL WINDOW UNIT PER MFR INSTRUCTIONS WITH MFR RECOMMENDED MATERIALS AND FASTENERS. CLEAN WINDOW SEALANT OFF BUILDING SUBSTRATE, WRB AND WINDOW FIN. DO NOT INSTALL SAMF UNTIL WINDOW SEALANT HAS CURED.
6. DO NOT SECURE WINDOW THROUGH NAIL FIN AT HEAD OF WINDOW UNLESS APPROVED BY WINDOW MFR.

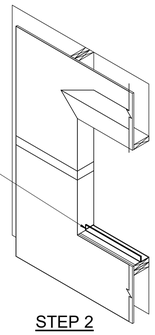


STEP 5



STEP 7

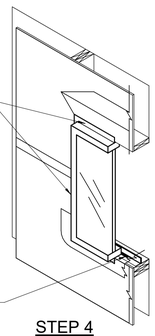
NOTE: THESE DETAILS ARE BASED ON AAMA 2400 METHOD B. SEE AAMA 2400 FOR FULL WRITTEN DESCRIPTION OF SYSTEM INSTALL WINDOWS PER MFR RECOMMENDATIONS, NOTIFY ARCHITECT IF CONFLICTS OCCUR.



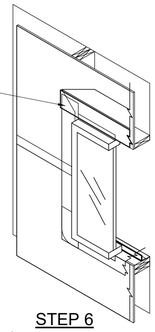
STEP 2

SHIM & ADJUST WINDOW TO ACHIEVE SQUARE, PLUM & LEVEL CONDITION USE CORROSION RESISTANT FASTENERS.
INSTALL THE WINDOW BY APPLYING A CONT. BEAD OF THE MFR APPROVED SEALANT BEHIND THE JAMB AND HEAD FLANGES ONLY (NEVER THE SILL) AND SECURE IT TO THE FRAMED OPENING PER THE WINDOW MFR SPEC

NOTE:
CONFIRM SEALANT IS COMPATIBLE WITH SAMF BEFORE USING IN WINDOW INSTALLATION

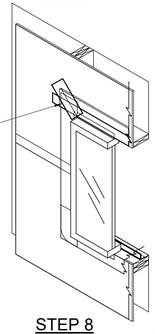


STEP 4



NOTES:
1. JAMB SAMF SHALL BE INSTALLED SO THAT THE HEAD SAMF WILL LAP OVER A MIN OF 1" AT THE HEAD
2. INSTALL OPENING HEAD FLASHING JUST AFTER THIS STEP AND BEFORE NEXT STEP WHEN NOTED IN DETAIL.
3. WHEN OPENING HEAD FLASHING IS TO BE INSTALLED PER DETAILS, SEAL WRB TO HEAD FLASHING WITH SAMF.

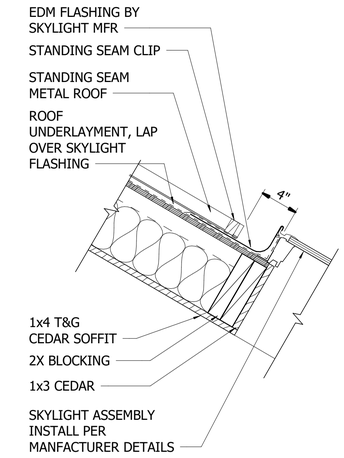
STEP 6



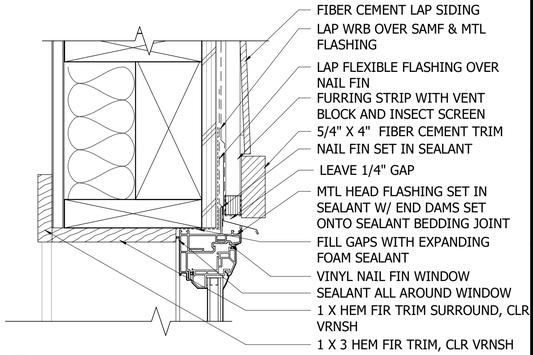
NOTE:
APPLY EXTERIOR TRIM, TRIM FLASHING AND SIDING ONLY AFTER ALL THESE STEPS ARE COMPLETE.

STEP 8

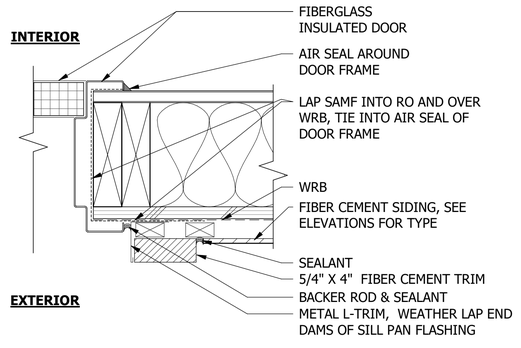
13 AW5.1 WINDOW WRAP SEQUENCE
SCALE: 1/2" = 1'-0"



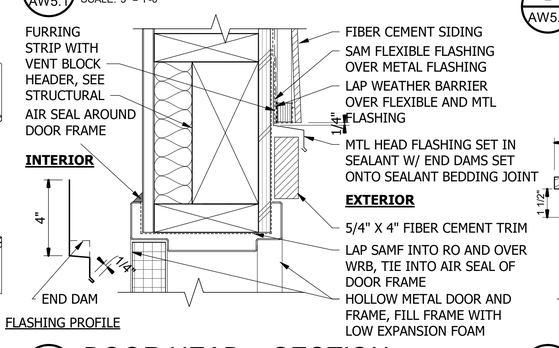
4 AW5.1 SKYLIGHT DETAIL
SCALE: 1 1/2" = 1'-0"



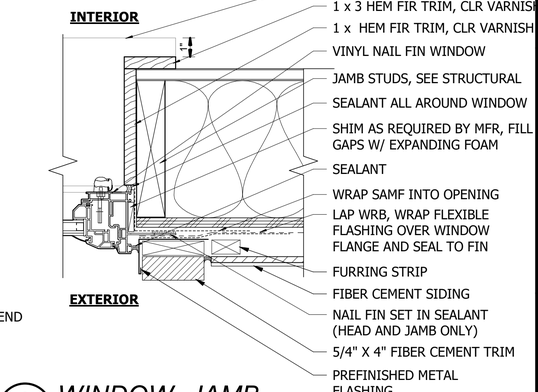
3 AW5.1 WINDOW - HEAD
SCALE: 3" = 1'-0"



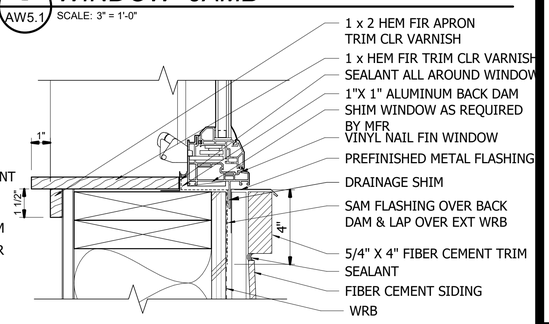
6 AW5.1 DOOR JAMB AT FC PANEL
SCALE: 3" = 1'-0"



5 AW5.1 DOOR HEAD - SECTION
SCALE: 3" = 1'-0"



2 AW5.1 WINDOW- JAMB
SCALE: 3" = 1'-0"



1 AW5.1 WINDOW SILL
SCALE: 3" = 1'-0"

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CHECKED (HDQTS.)	-	-

9277 REGISTERED ARCHITECT
MATTHEW NEISH
STATE OF WASHINGTON
01/31/2024
STAMP - ARCHITECT

WASHINGTON STATE PARKS AND RECREATION COMMISSION

CAPE DISAPPPOINTMENT STATE PARK

WELCOME CENTER AND ENTRANCE IMPROVEMENTS

WELCOME CENTER DETAILS - EXTERIOR DETAILS OPENINGS

AW5.1

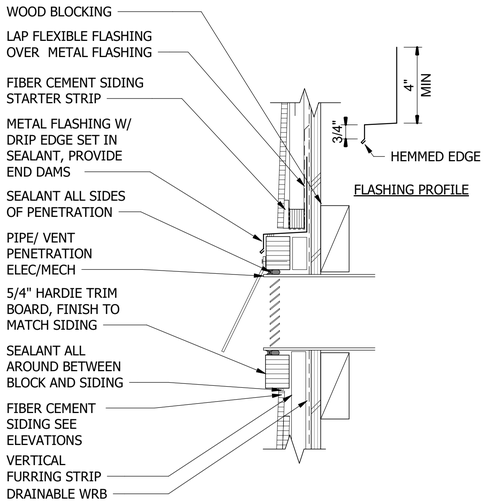
SCALE: As indicated

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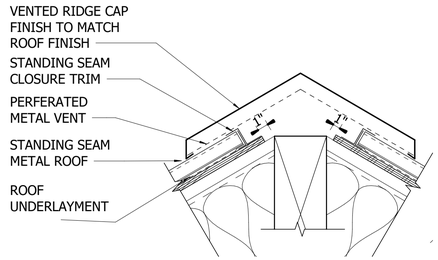
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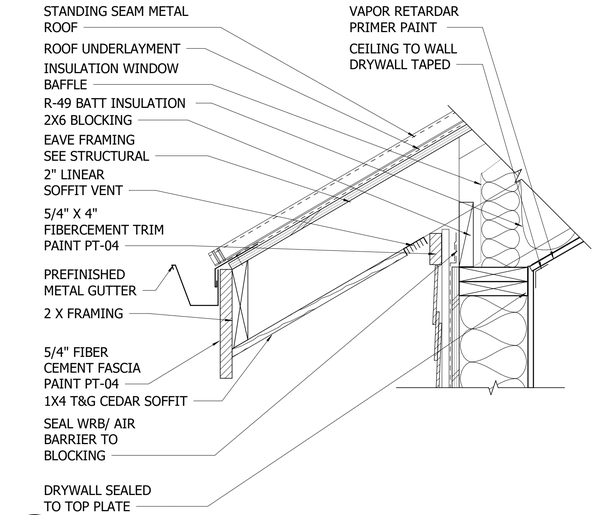
9 AW5.2 SIDING PENETRATION

SCALE: 3" = 1'-0"



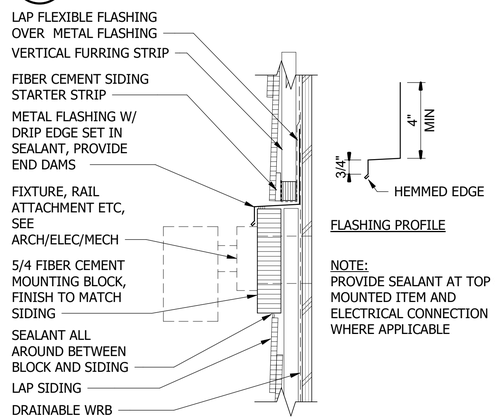
6 AW5.2 STANDING SEAM RIDGE VENT DETAIL

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



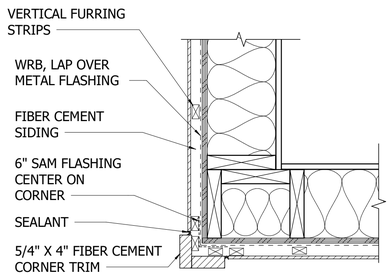
3 AW5.2 OVERHANG

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



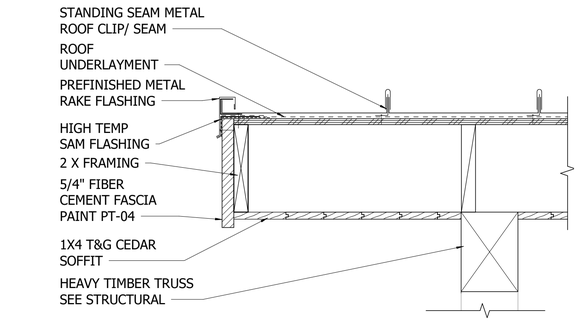
8 AW5.2 SIDING MOUNTING BLOCK

SCALE: 3" = 1'-0"



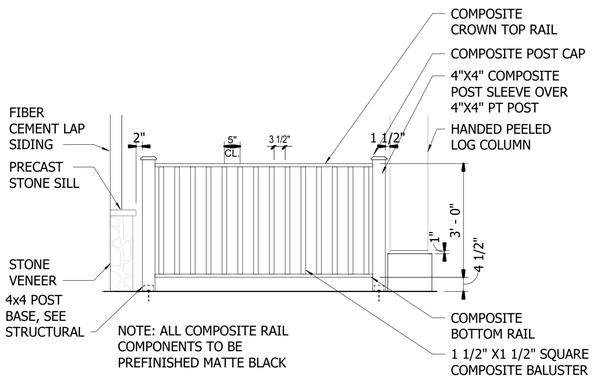
7 AW5.2 FIBER CEMENT SIDING AT CORNER

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



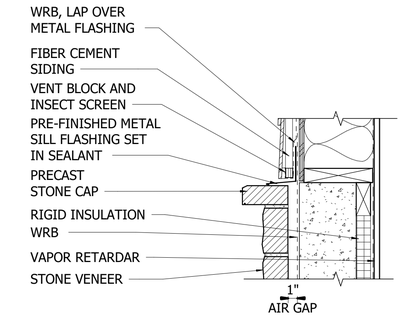
5 AW5.2 ROOF RAKE

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



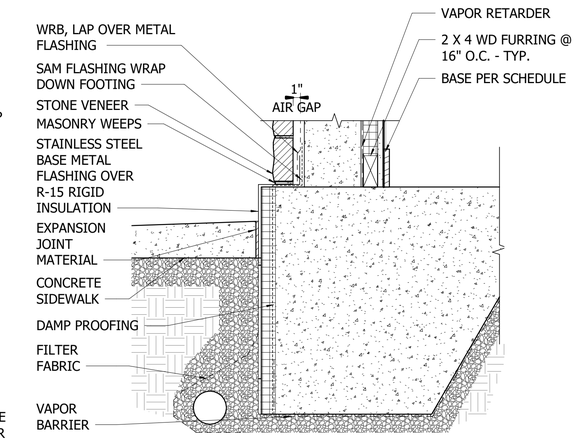
4 AW5.2 RAILING ELEVATION

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



2 AW5.2 FIBER CEMENT SIDING AT STONE

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



1 AW5.2 FOOTING DETAIL

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

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CHECKED (HDQTS.)	Checker	05/16/23

9277 REGISTERED ARCHITECT
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CAPE DISAPPPOINTMENT STATE PARK

WELCOME CENTER AND ENTRANCE IMPROVEMENTS

WELCOME CENTER DETAILS - EXTERIOR

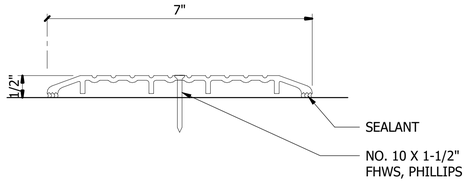
AW5.2

SCALE: As indicated

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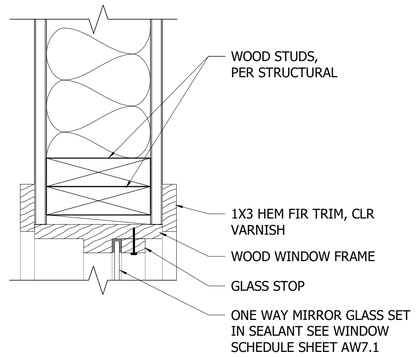
PARKS FILE#

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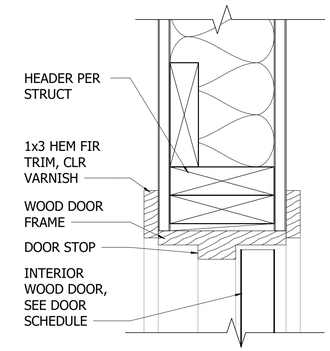
7 AW5.3 TYP. THRESHOLD DETAIL

SCALE: 6" = 1'-0"



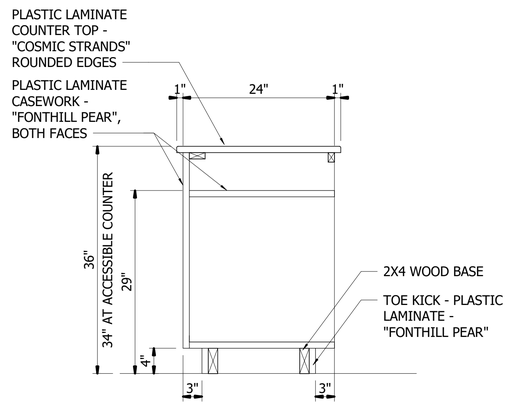
5 AW5.3 TYP. INTERIOR RELITE HEAD

SCALE: 3" = 1'-0"



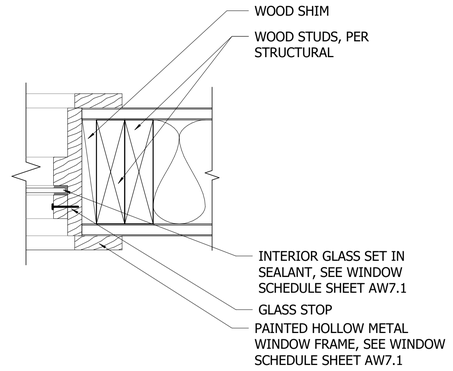
3 AW5.3 TYP. INTERIOR DOOR HEAD

SCALE: 3" = 1'-0"



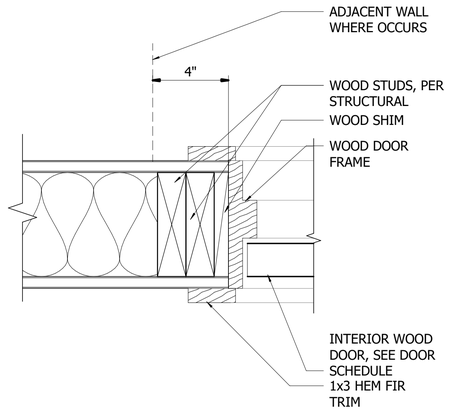
6 AW5.3 REGISTRATION COUNTER SECTION

SCALE: 1" = 1'-0"



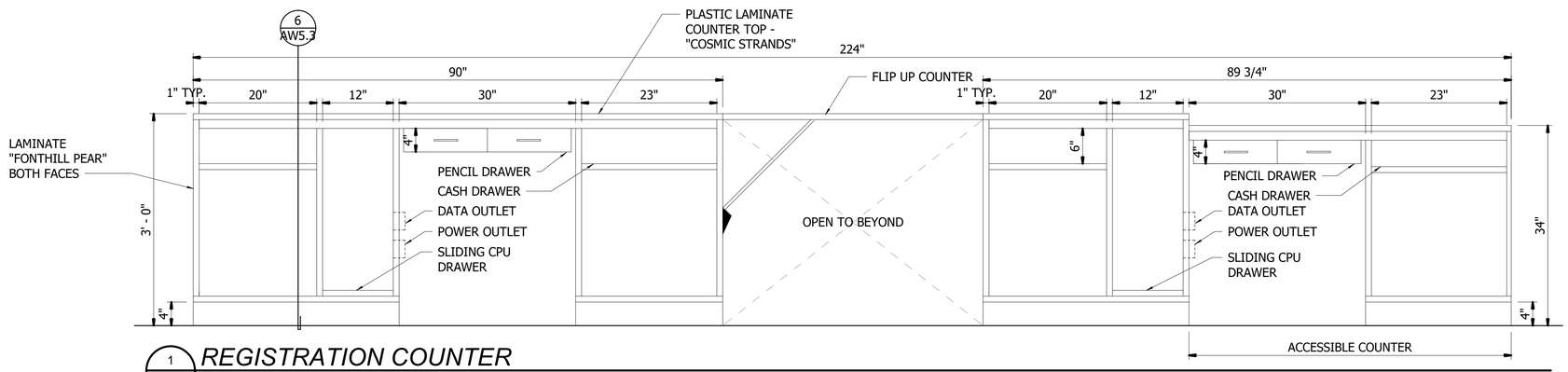
4 AW5.3 TYP. INTERIOR RELITE JAMB

SCALE: 3" = 1'-0"



2 AW5.3 TYP. INTERIOR DOOR JAMB

SCALE: 3" = 1'-0"



1 AW5.3 REGISTRATION COUNTER

SCALE: 1" = 1'-0"

SHEET 92 OF 114

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STATE OF WASHINGTON
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CAPE DISAPPPOINTMENT STATE PARK

WELCOME CENTER AND ENTRANCE IMPROVEMENTS

WELCOME CENTER DETAILS - INTERIOR

AW5.3

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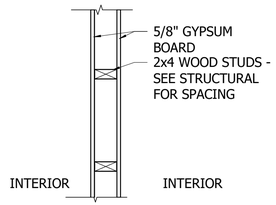
PARKS FILE#

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ASSEMBLY NOTES

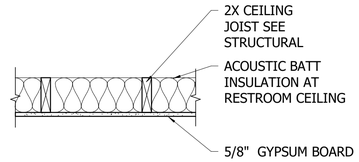
1. SEE STRUCTURAL FOR SHEAR WALL LOCATIONS. ADD SHEATHING TO ASSEMBLY AS REQUIRED BY STRUCTURAL ENGINEER. WHERE A NON-SHEAR WALL EXTENDS AND ALIGNS PARALLEL WITH A SHEAR WALL, PROVIDE ADDITIONAL SHEATHING LAYERS TO THE NON-SHEAR WALL TO PROVIDE CONTINUOUS FACE OF FINISH.
2. LOCATE THERMAL INSULATION ON THE COLD SIDE (IN WINTER) OF DOMESTIC WATER PIPES AS REQUIRED TO PROTECT PIPES FROM FREEZING.
3. PROVIDE ADDITIONAL FRAMING, BLOCKING, AND FINISHES AS REQUIRED FOR PLUMBING ACCESS PANELS.
4. PROVIDE ADDITIONAL BLOCKING AS REQUIRED TO SUPPORT SHELVING, TOWEL BARS, RAILINGS, AND ALL OTHER WALL-MOUNTED ACCESSORIES AND EQUIPMENT.



3B STUDS TO BE 2 X 6 WOOD STUD, SEE STRUCTURAL FOR SPACING

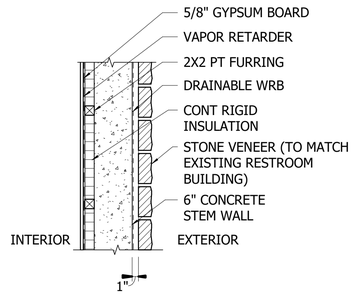
3A INTERIOR WALL - NON RATED

ASSEMBLY: N/A FIRE: NR STC: N/A



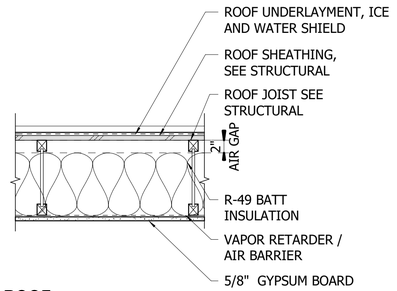
C1 GYPSUM BOARD CEILING

ASSEMBLY: N/A FIRE: NR STC: N/A



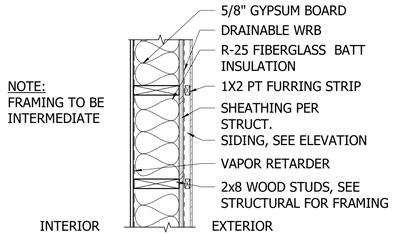
2A EXTERIOR WALL - STONE

ASSEMBLY: N/A FIRE: NR STC: N/A



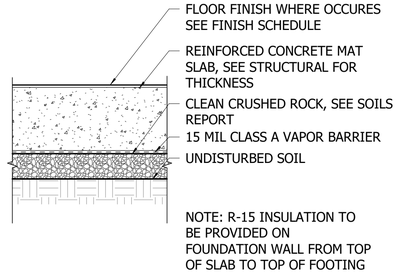
R1 ROOF

ASSEMBLY: N/A FIRE: NR STC: N/A



1A EXTERIOR WALL - SIDING

ASSEMBLY: N/A FIRE: NR STC: N/A



F1 SLAB - ON GRADE

ASSEMBLY: N/A FIRE: NR STC: N/A

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CAPE DISAPPPOINTMENT STATE PARK

WELCOME CENTER AND ENTRANCE IMPROVEMENTS

WELCOME CENTER CONSTRUCTION ASSEMBLIES

AW6.1

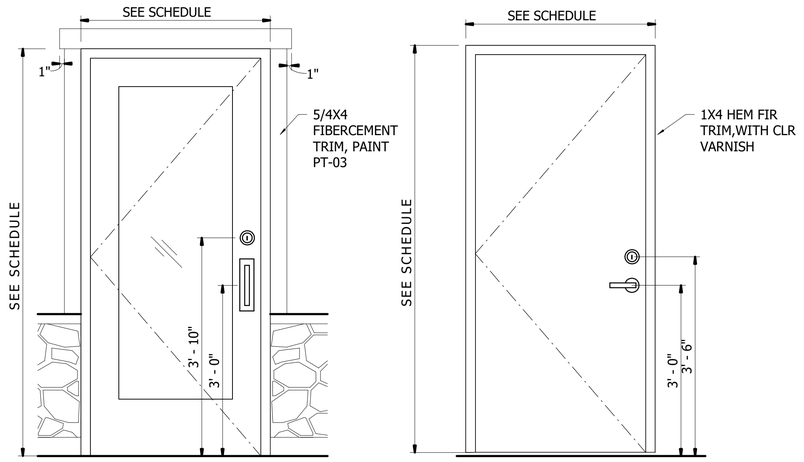
SCALE: 1" = 1'-0"

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A. EXTERIOR ENTRANCE DOOR (BROWN) B.INTERIOR DOOR

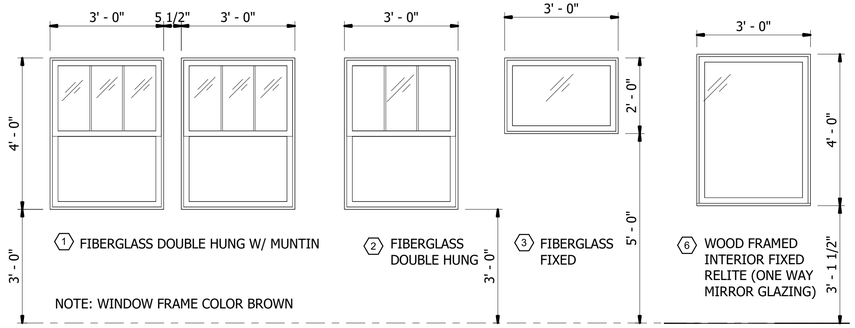
ROOM FINISH SCHEDULE WELCOME CENTER

ROOM NO	ROOM NAME	FLOOR MATERIAL / FINISH	BASE MATERIAL / FINISH	WALL MATERIAL / FINISH	CEILING MATERIAL / FINISH	COMMENTS
100	LOBBY	SMOOTH TROWEL CONCRETE W/ STAIN	1 X4 KD HEM FIR MG	PT-05	PT-01	
101	REGISTRATION	SMOOTH TROWEL CONCRETE W/ STAIN	1 X4 KD HEM FIR MG	PT-05	PT-01	
102	OFFICE	SMOOTH TROWEL CONCRETE W/ STAIN	1 X4 KD HEM FIR MG	PT-05	PT-01	
103	RESTROOM	SMOOTH TROWEL CONCRETE W/ STAIN	RB-01	PT-01, PT-02	PT-01	SEE INTERIOR ELEVATIONS
104	STORAGE	SMOOTH TROWEL CONCRETE W/ STAIN	1 X4 KD HEM FIR MG	PT-01	PT-01	

INTERIOR FINISH LEGEND			
SC	CONCRETE, SEALED	RB-01	4" RUBBER WALL BASE
PT-01	PAINT, COLOR 1 - SNOWBOUND	T-1	TILE - WHITE 4X12
PT-02	PAINT, COLOR 2 - SMOKEY AZURITE		
PT-03	PAINT, COLOR 3 - SUCCULENT		
PT-04	PAINT, COLOR 4 - BROWN		
PT-05	PAINT, COLOR 5 - TOUCH OF SAND		

DOOR SCHEDULE WELCOME CENTER

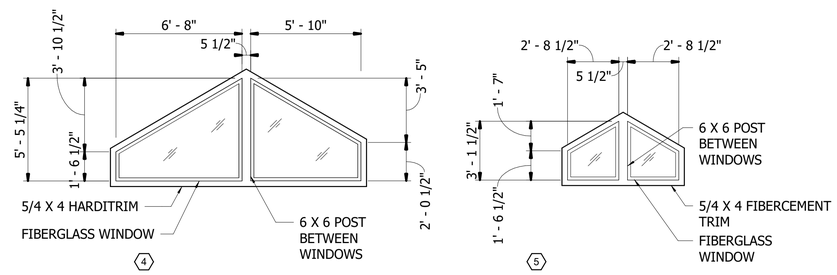
DOOR NO	LOCATION	OPENING WIDTH	HEIGHT	DOOR				FRAME				FIRE RATING	COMMENTS
				DOOR TYPE	THICKNESS	MATERIAL	FINISH	MATERIAL	LATCH PULL	LOCK	HINGES		
100	LOBBY	3' - 0"	7' - 0"	A	1 3/4"	FIBERGLASS	PRE-FIN	FIBERGLASS / SELF CLOSER	S.S PULL	S.S. DEAD BOLT W/ PULL HANDLES	S.S. 4X4 W/ ANTI-VANDAL PIN 1-1/2PR	NR	DOOR WITH GLAZING
101	REGISTRATION	3' - 0"	7' - 0"	B	1 1/2"	WOOD - SC	PRE-FIN	WOOD/ SELF CLOSER	S.S PULL	S.S. DEAD BOLT W/ PULL HANDLES	S.S. 4X4 W/ ANTI-VANDAL PIN 1-1/2PR	NR	
102	OFFICE	3' - 0"	7' - 0"	A	1 3/4"	FIBERGLASS	PRE-FIN	FIBERGLASS / SELF CLOSER	S.S PULL	S.S. DEAD BOLT W/ PULL HANDLES	S.S. 4X4 W/ ANTI-VANDAL PIN 1-1/2PR	NR	DOOR WITH GLAZING
103	RESTROOM	3' - 0"	7' - 0"	B	1 1/2"	WOOD - SC	PRE-FIN	WOOD/ SELF CLOSER	LEVER	PRIVACY LOCK	BRASS W/ DULL CHROME FINISH 4X4	NR	PROVIDE PRIVACY LOCK



SCHEDULE ABBREVATIONS	
ALUM	ALUMINUM
HM	HOLLOW METAL
MFR	MANUFACTURER
PRE-FIN	PREFINISHED
PRE-PR	PREPRIMED
PT	PAINTED
SC	SOLID CORE PRIMED HARDBOARD
WD	WOOD

NOTES

1. SEE SHEET AA5.1 FOR DOOR HEAD AND JAMB DETAIL INFORMATION.
2. ALL DOORS SHALL BE ACCESSIBLE AND HAVE LEVER DOOR HARDWARE.8.5 LBS MAXIMUM OPENING FORCE ON EXTERIOR DOORS HARDWARE OPERABLE BY WRIST OR ARM PRESSURE, OPERABLE MOUNTING HEIGHT 36"-48" ABOVE FLOOR
3. PROVIDE THRESHOLD PER DETAIL 6/AW5.3 AND WEATHER STRIPING AT EXTERIOR DOORS



CUSTOM GABLE WINDOW - FRONT CUSTOM GABLE WINDOW - REAR

WINDOWS TYPES

SHEET 94 OF 114

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NO.	REVISIONS	INT.	APP.	DATE

ACTION	BY	DATE
DESIGNED	PP,AP	1/31/24
DRAWN	PP,AP	1/31/24
CHECKED (FIELD)	-	-
CHECKED (HDQTS.)	-	-

9277 REGISTERED ARCHITECT
MATTHEW NEISH
STATE OF WASHINGTON
01/31/2024
STAMP - ARCHITECT

WASHINGTON STATE PARKS AND RECREATION COMMISSION

CAPE DISAPPPOINTMENT STATE PARK

WELCOME CENTER AND ENTRANCE IMPROVEMENTS

WELCOME CENTER SCHEDULES

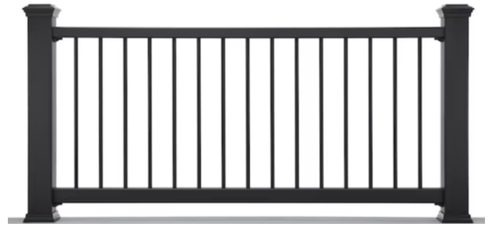
AW7.1

SCALE: As indicated

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If this drawing is not 22" x 34", it has been reduced/enlarged. Scale accordingly.

PARKS FILE#

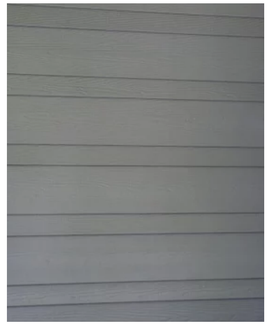
Plot Date: 2/2/2024 11:38:45 AM
Revit File: Autodesk Docs://33427 - Cape Disappointment/33427 - Cape Disappointment.rvt



COMPOSITE RAILING - BLACK



STANDING SEAM METAL ROOF - ZINCALUME PLUS



FIBERCEMENT LAP SIDING - ALTERNATING REVEAL (4"/7") (COLOR NOT REPRESENTED HERE)



FIBERGLASS WINDOW - BROWN



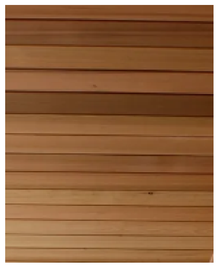
FIBERGLASS ENTRY DOOR - BROWN



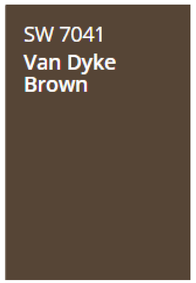
HAND PEELED LOG



SKYLIGHT



SOFFIT - T&G WESTERN RED CEDAR



PT-04 - VAN DYKE BROWN EXTERIOR PAINT (TRIM)



PT-03 - SUCCULENT - EXTERIOR PAINT (SIDING)



CULTURED STONE - TO MATCH EXISTING RESTROOMS FACILITY



CASEWORK - FONTHILL PEAR



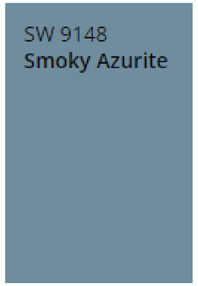
LAMINATE COUNTERTOP - OILED SOAP STONE



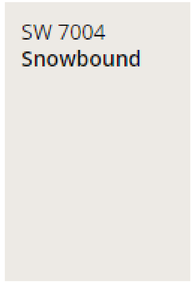
HEM FIR - INTERIOR TRIM



PT-05 - TOUCH OF SAND FEILD PAINT COLOR



PT-02 - SMOKY AZURITE ACCENT COLOR PAINT



PT-01 - SNOW BOUND

SHEET 95 OF 114

CAD NO: Autodesk Docs://33427 - Cape Disappointment/33427 - Cape Disappointment.rvt

NO.	REVISIONS	INT.	APP.	DATE

ACTION	BY	DATE
DESIGNED	Designer	1/31/24
DRAWN	Author	1/31/24
CHECKED (FIELD)	Checker	04/17/23
CHECKED (HDQTS.)	Checker	04/17/23

9277 REGISTERED ARCHITECT
MATTHEW NEISH
STATE OF WASHINGTON
01/31/2024
STAMP - ARCHITECT

WASHINGTON STATE PARKS AND RECREATION COMMISSION

CAPE DISAPPPOINTMENT STATE PARK

WELCOME CENTER AND ENTRANCE IMPROVEMENTS

MATERIAL BOARD

AW9.0

SCALE:

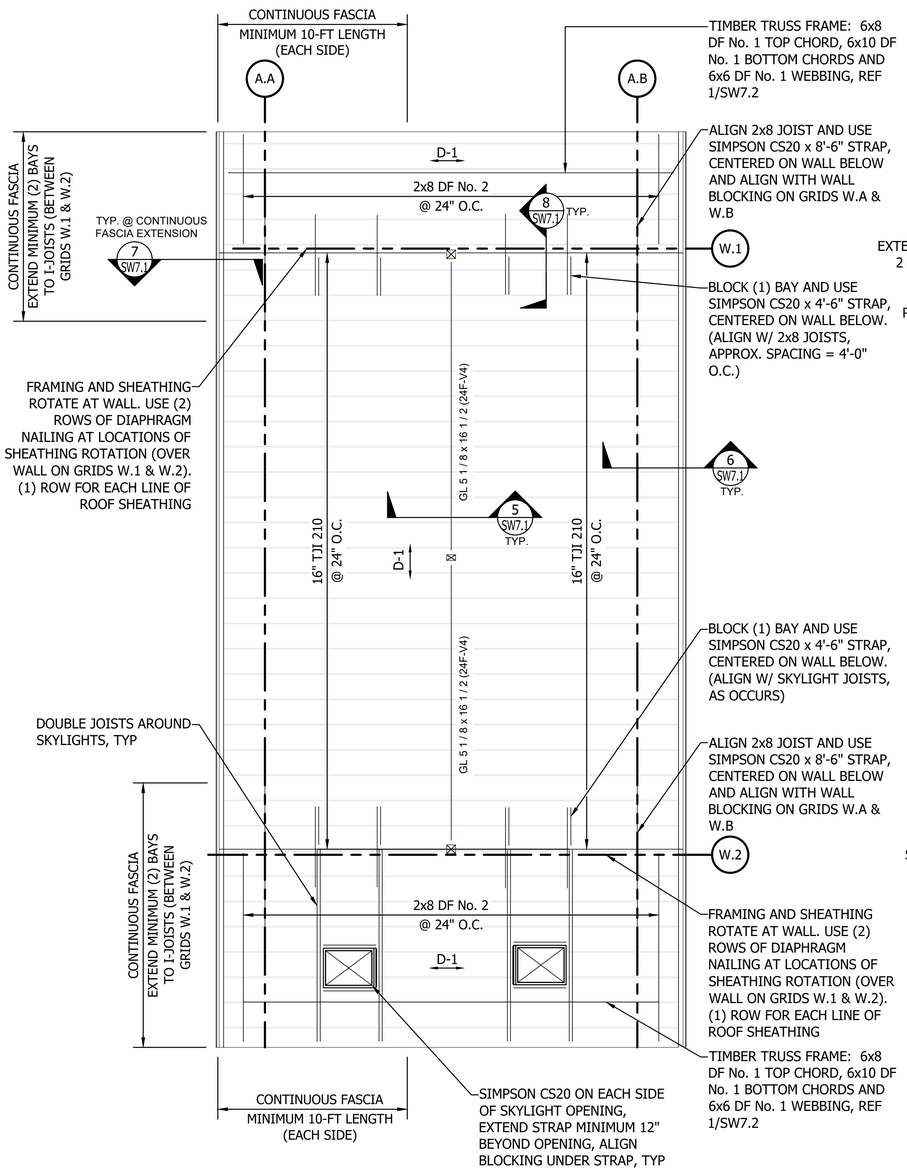
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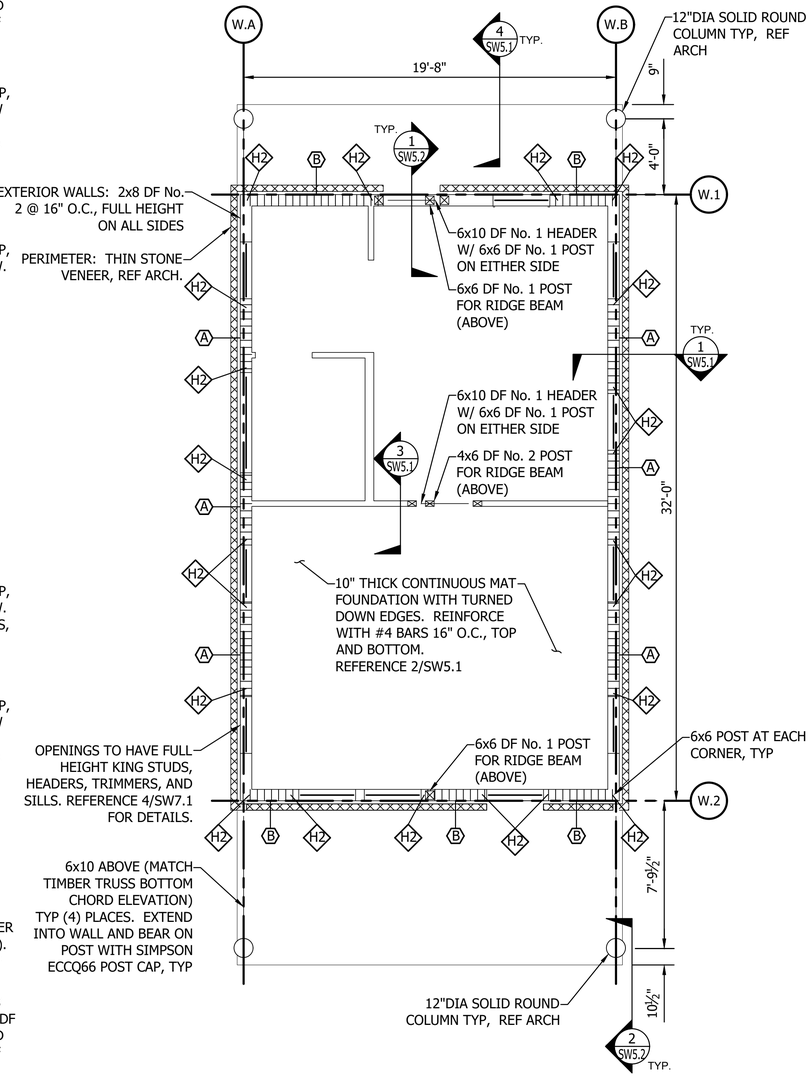
Plot Date: 2/2/2024 1:17:08 PM

Revit File: Autodesk Docs://33427 - Cape Disappointment/33427 - Cape Disappointment.rvt



WELCOME CENTER - ROOF PLAN

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



WELCOME CENTER - FOUNDATION PLAN

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

NOTES:

1) INDICATES PLYWOOD SHEARWALL TYPE. REFERENCE 1/SW7.3 FOR SCHEDULE AND NOTES. STUDS TO MATCH EXTERIOR WALL STUDS CALLED OUT ON PLAN.

2) INDICATES HOLDOWN TYPE. REFERENCE 2/SW7.3 FOR SCHEDULE AND NOTES.

3) D-1 INDICATES SPAN DIRECTION OF 5/8" T&G PLYWOOD ROOF SHEATHING (APA SPAN RATED 40/20) w/ 10d @ 6" O.C. AT PANEL EDGES & 12" O.C. IN FIELD.

4) INDICATES THIN STONE VENEER, REFERENCE ARCHITECTURAL DRAWINGS. TIE BACK TO CONCRETE STEM WALL W/ H&B ANCHORS @ 16" O.C. EACH WAY, TYP

CAD NO. K:\PROJECT\33400\33427\CADD\ACAD\Dwg\SW1.1.dwg

NO.	REVISIONS	INT.	APP.	DATE

ACTION	BY	DATE
DESIGNED	SMC	01/31/24
DRAWN	JT	01/31/24
CHECKED (FIELD)		
CHECKED (HDQTS.)		

SEAN M. CLARK STATE OF WASHINGTON 22013668 STRUCTURAL ENGINEER PROFESSIONAL ENGINEER 01/31/2024

PROJECT ENGINEER

WASHINGTON STATE PARKS AND RECREATION COMMISSION

CAPE DISAPPOINTMENT STATE PARK

WELCOME CENTER AND ENTRANCE IMPROVEMENTS

WELCOME CENTER FLOOR PLAN & ROOF PLAN

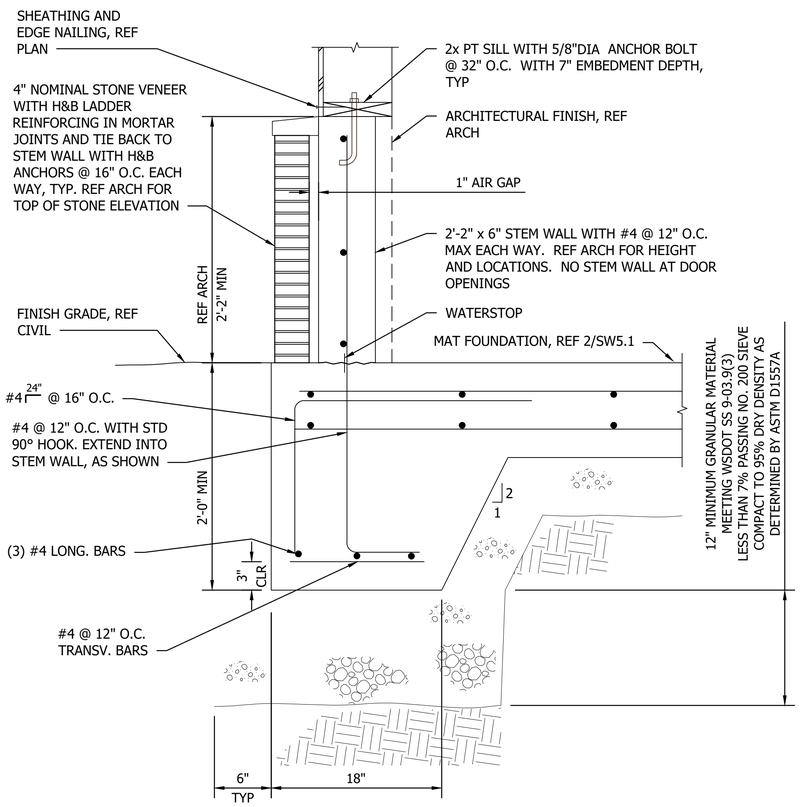
SW1.1

SCALE 4' 0 8'

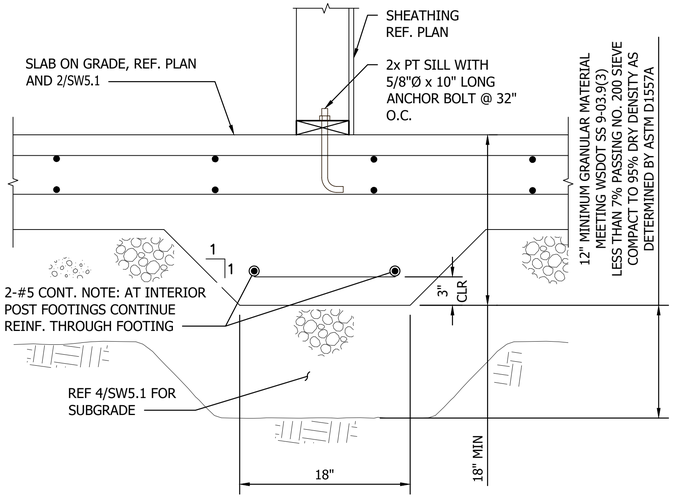
PARKS FILE#

SHEET 96 OF 114

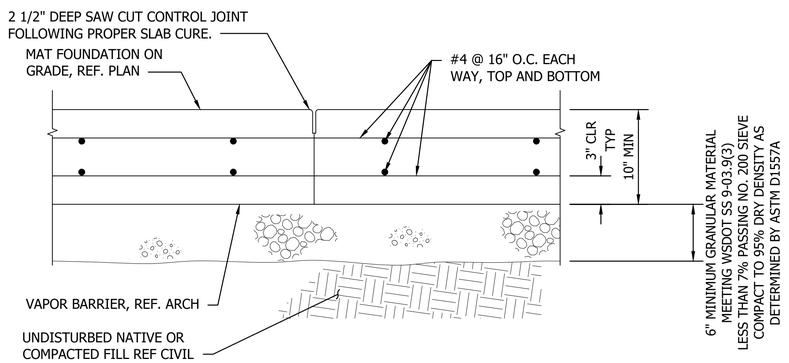
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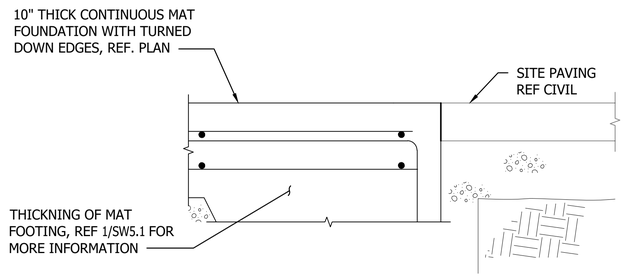
1 SW501 *TYP MAT - THICKENED EDGE*



3 SW501 *TYP THICKENED SLAB*



2 SW501 *TYP. MAT FOUNDATION*



4 SW501 *SLAB AT PATIO DETAIL*

CAD NO. K:\PROJECT\33400\33427\CADD\ACAD\Dwg\SW5.1.dwg

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ACTION	BY	DATE
DESIGNED	SMC	01/31/24
DRAWN	JT	01/31/24
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CHECKED (HDQTS.)		

SEAN M. CLARK STATE OF WASHINGTON 22013668 STRUCTURAL ENGINEER PROFESSIONAL ENGINEER 01/31/2024

PROJECT ENGINEER

WASHINGTON STATE PARKS AND RECREATION COMMISSION

CAPE DISAPPOINTMENT STATE PARK

WELCOME CENTER AND ENTRANCE IMPROVEMENTS

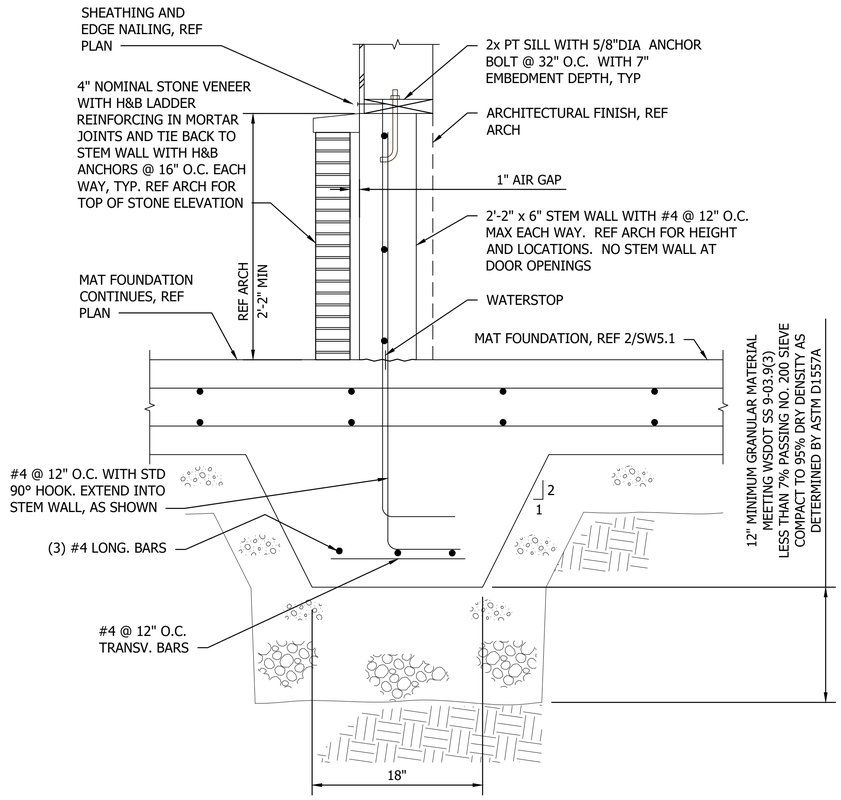
WELCOME CENTER CONCRETE DETAILS

SW5.1

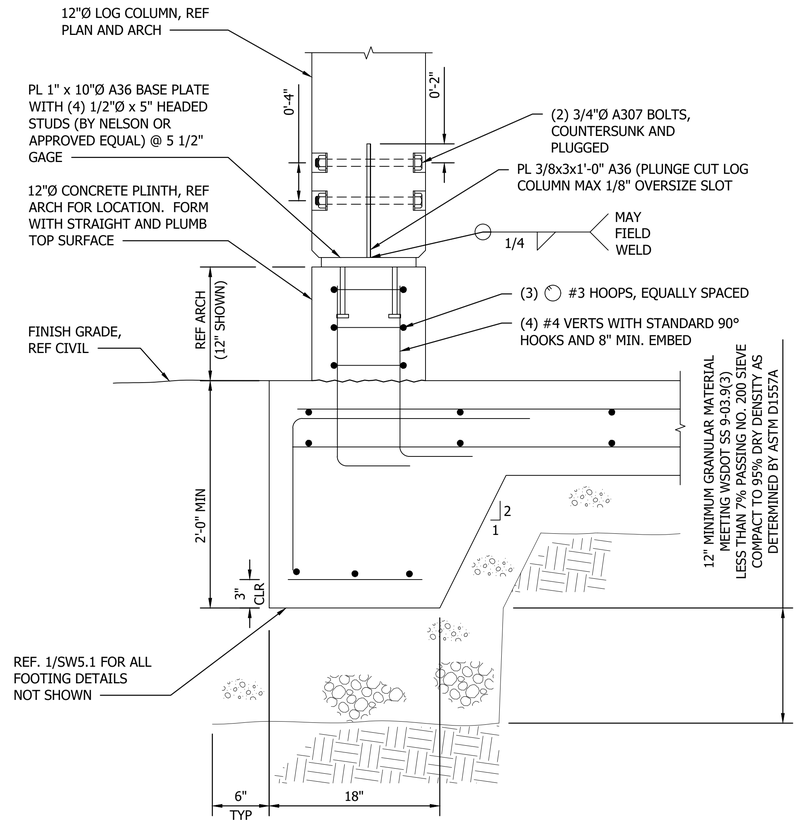
SCALE 6" 0 1'

PARKS FILE#

Plotted: Feb 02, 2024 - 10:47am Sean.Clark K:\PROJECT\33400\33427\CADD\ACAD\Dwg\SW5.1.dwg Layout Name: SW5.1



1 SW502 *TYP MAT - THICKENED EDGE*



2 SW502 *TYP LOG COLUMN PLINTH*

CAD NO. K:\PROJECT\33400\33427\CADD\ACAD\Dwg\SW5.1.dwg

NO.	REVISIONS	INT.	APP.	DATE

ACTION	BY	DATE
DESIGNED	SMC	01/31/24
DRAWN	JT	01/31/24
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CHECKED (HDQTS.)		

SEAN M. CLARK — STATE OF WASHINGTON — 22013668 — STRUCTURAL ENGINEER — PROFESSIONAL ENGINEER — 01/31/2024

PROJECT ENGINEER

WASHINGTON STATE PARKS AND RECREATION COMMISSION

CAPE DISAPPOINTMENT STATE PARK

WELCOME CENTER AND ENTRANCE IMPROVEMENTS

WELCOME CENTER CONCRETE DETAILS

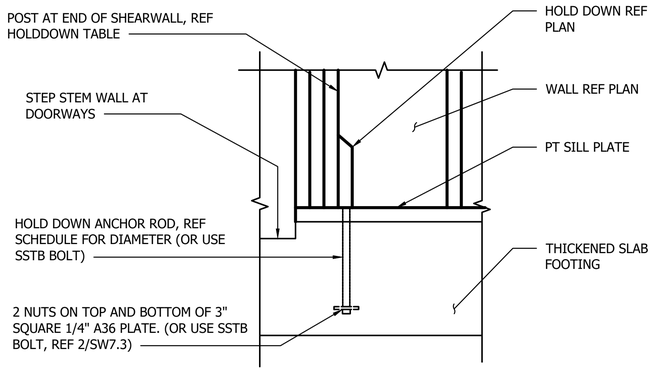
SW5.2

SCALE 6" 0 1'

PARKS FILE#

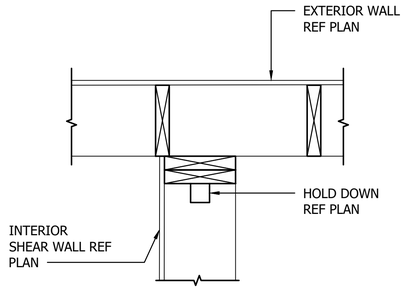
SHEET 98 OF 114

Plotted: Feb 02, 2024 – 10:47am Sean.Clark K:\PROJECT\33400\33427\CADD\ACAD\Dwg\SW5.1.dwg Layout Name: SW5.2



1 SW7.1 **TYPICAL HOLD DOWN DETAIL**

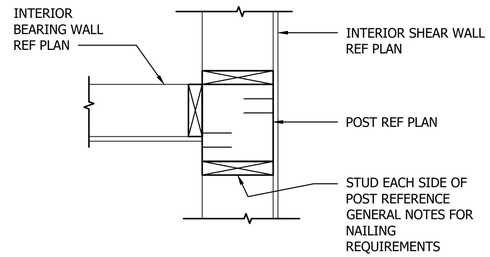
6" 0 1'



PLAN

2 SW7.1 **WALL CORNER DETAIL**

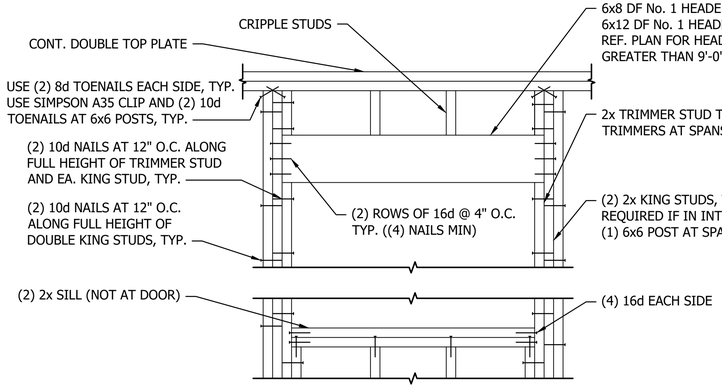
6" 0 1'



PLAN

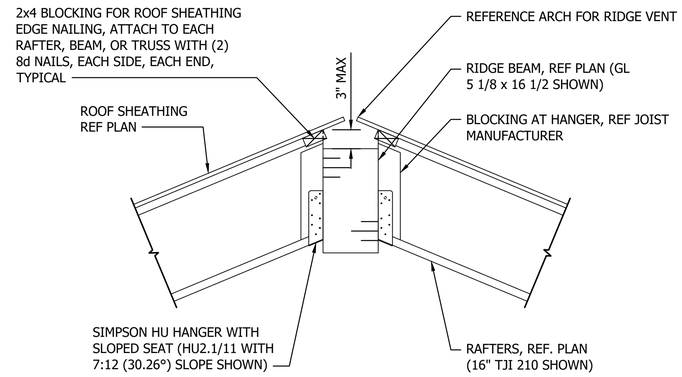
3 SW7.1 **WALL CORNER DETAIL**

6" 0 1'



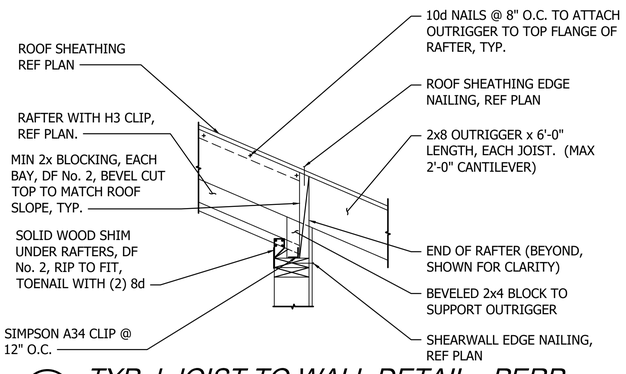
4 SW7.1 **TYPICAL HEADER DETAIL**

1' 0 2'



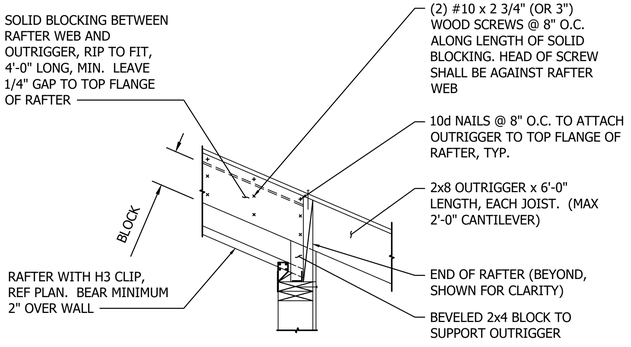
5 SW7.1 **TYP. I-JOIST TO BEAM DETAIL**

1' 0 2'



6 SW7.1 **TYP. I-JOIST TO WALL DETAIL - PERP.**

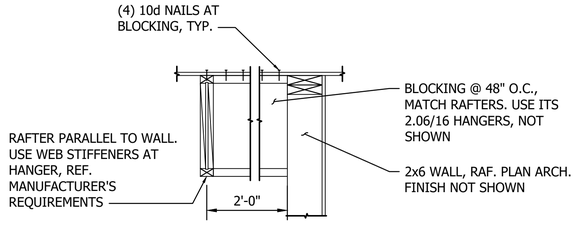
1' 0 2'



NOTES:
1) TO BE USED AT CONTINUOUS FASCIA EXTENSION
2) REF 6/SW7.1 FOR ALL DETAILS NOT SHOWN

7 SW7.1 **SIM. I-JOIST TO WALL DETAIL - PERP.**

1' 0 2'



8 SW7.1 **TYP. I-JOIST TO WALL DETAIL - PAR.**

1' 0 2'

SHEET 99 OF 114

CAD NO. K:\PROJECT\33400\33427\CADD\ACAD\Dwg\SW7.1.dwg

REVISIONS	INT.	APP.	DATE

ACTION	BY	DATE
DESIGNED	SMC	01/31/24
DRAWN	JT	01/31/24
CHECKED (FIELD)		
CHECKED (HDQTS.)		

SEAN M. CLARK STATE OF WASHINGTON 22013668 STRUCTURAL ENGINEER PROFESSIONAL ENGINEER 01/31/2024

PROJECT ENGINEER

WASHINGTON STATE PARKS AND RECREATION COMMISSION

CAPE DISAPPOINTMENT STATE PARK

WELCOME CENTER AND ENTRANCE IMPROVEMENTS

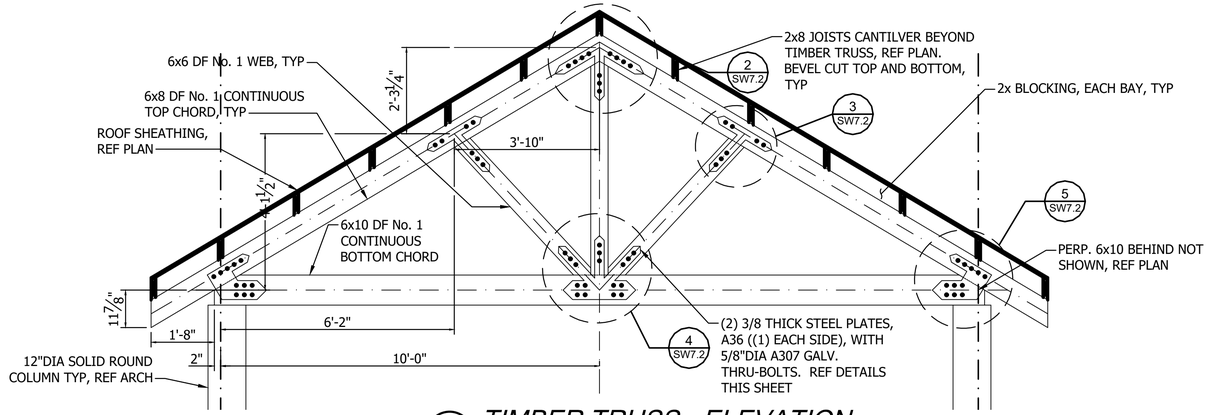
WELCOME CENTER FRAMING DETAILS

SW7.1

SCALE 1' 2' 0 0 6" 1'

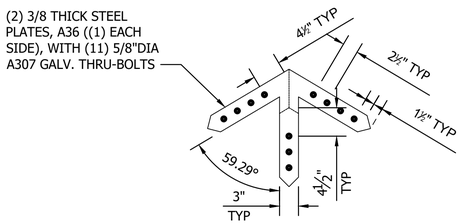
PARKS FILE#

Plotted: Feb 02, 2024 — 10:48am Sean.Clark K:\PROJECT\33400\33427\CADD\ACAD\Dwg\SW7.1.dwg Layout Name: SW7.1



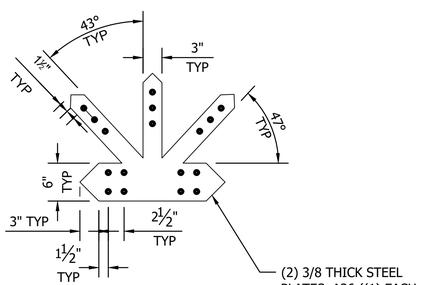
1 SW7.2 TIMBER TRUSS - ELEVATION

6" 0 1'



2 SW7.2 TRUSS PLATE DETAIL

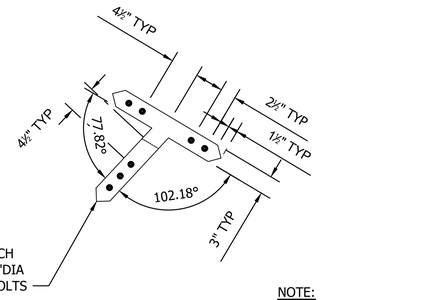
1' 0 2'



NOTE:
CONFIRM ANGLES AND LENGTHS WITH FINAL TIMBER DESIGN BEFORE STEEL FABRICATION

4 SW7.2 TRUSS PLATE DETAIL

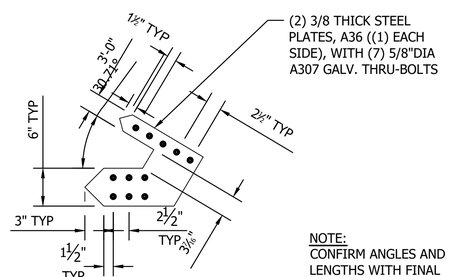
1' 0 2'



NOTE:
CONFIRM ANGLES AND LENGTHS WITH FINAL TIMBER DESIGN BEFORE STEEL FABRICATION

3 SW7.2 TRUSS PLATE DETAIL

1' 0 2'



NOTE:
CONFIRM ANGLES AND LENGTHS WITH FINAL TIMBER DESIGN BEFORE STEEL FABRICATION

5 SW7.2 TRUSS PLATE DETAIL

1' 0 2'

CAD NO. K:\PROJECT\33400\33427\CADD\ACAD\Dwg\SW7.1.dwg

NO.	REVISIONS	INT.	APP.	DATE

ACTION	BY	DATE
DESIGNED	SMC	01/31/24
DRAWN	JT	01/31/24
CHECKED (FIELD)		
CHECKED (HDQTS.)		

SEAN M. CLARK — STATE OF WASHINGTON — 22013668 — STRUCTURAL ENGINEER — PROFESSIONAL ENGINEER — 01/31/2024

PROJECT ENGINEER

WASHINGTON STATE PARKS AND RECREATION COMMISSION

CAPE DISAPPOINTMENT STATE PARK

WELCOME CENTER AND ENTRANCE IMPROVEMENTS

WELCOME CENTER FRAMING DETAILS

SW7.2

SCALE 1' 2' 0 0 6" 1'

PARKS FILE#

SHEET 100 OF 114

Plotted: Feb 02, 2024 – 10:49am Sean.Clark K:\PROJECT\33400\33427\CADD\ACAD\Dwg\SW7.1.dwg Layout Name: SW7.2

SHEARWALL SCHEDULE							
MARK	SHEATHING	EDGE NAILING	SILL ANCHOR	ANCHOR EMBEDMENT INTO CONC.	SILL PLATE	STUDS	REMARKS
A	15/32	10d @ 6" o.c.	5/8"DIA @ 32" o.c.	7"	2x	2x	
B	15/32	10d @ 4" o.c.	5/8"DIA @ 32" o.c.	7"	2x	2x	

NOTES:

1. FIELD NAILING SHALL BE AT 12" o.c. AND NAILS SHALL BE THE SAME SIZE AS THE EDGE NAILING SPECIFIED ABOVE, UNLESS NOTED OTHERWISE.
2. ALL HORIZONTAL PANEL EDGES SHALL BE BLOCKED WITH FLAT 2x4 OR 2x6 BLOCKING.
3. EDGE NAILING APPLIES TO ALL PANEL EDGES. EDGE NAILING SHALL ALSO BE PROVIDED AROUND SHEAR WALL OPENINGS. UPSET THREADS ON SILL BOLTS ARE NOT ALLOWED.
4. ALL SILL BOLTS MUST HAVE CUT THREADS.
5. ALL ANCHOR BOLTS SHALL HAVE A PLATE WASHER (PL 0.229"x3"x3" w/ MAX. 1 3/4" LONG DIAGONAL SLOT BY MAX. 3/16" OVER ANCHOR BOLT Ø) BETWEEN THE NUT AND SILL PLATE.
6. ALL SILL ANCHORS SHALL BE HOT DIP GALVANIZED ASTM F1554 GRADE 36, UNLESS NOTED OTHERWISE.

1 SW7.3 *SHEARWALL SCHEDULE*

HOLDOWN SCHEDULE					
MARK	HOLDOWN	ANCHOR BOLT AND EMBEDMENT	MIN. HOLDOWN POST (UNO)	ATTACHMENT TO POST	REMARKS
H2	HDU2	SIMPSON SSTB16	(2) 2x	(6) SDS 1/4x2 1/2 SCREWS	
H4	HDU4	SIMPSON SSTB16	(2) 2x	(10) SDS 1/4x2 1/2 SCREWS	

NOTES:

1. PROVIDE SHEARWALL EDGE NAILING TO POST - FULL HEIGHT.
2. HOLDOWNS SHALL BE INSTALLED IN CONFORMANCE WITH THE MANUFACTURER'S REQUIREMENTS.
3. REFERENCE 1/SW7.1 AND 2/SW7.1 FOR HOLDOWN DETAILS.
4. ALL HOLDOWN ANCHORS SHALL BE HOT DIP GALVANIZED ASTM F1554 GRADE 36, UNLESS NOTED OTHERWISE.

2 SW7.3 *HOLDOWN SCHEDULE*

CAD NO. K:\PROJECT\33400\33427\CADD\ACAD\Dwg\SW7.1.dwg

NO.	REVISIONS	INT.	APP.	DATE

ACTION	BY	DATE
DESIGNED	SMC	01/31/24
DRAWN	JT	01/31/24
CHECKED (FIELD)		
CHECKED (HDQTS.)		

SEAN M. CLARK — STATE OF WASHINGTON — 22013668 — STRUCTURAL ENGINEER — PROFESSIONAL ENGINEER — 01/31/2024

PROJECT ENGINEER

WASHINGTON STATE PARKS AND RECREATION COMMISSION

CAPE DISAPPOINTMENT STATE PARK

WELCOME CENTER AND ENTRANCE IMPROVEMENTS

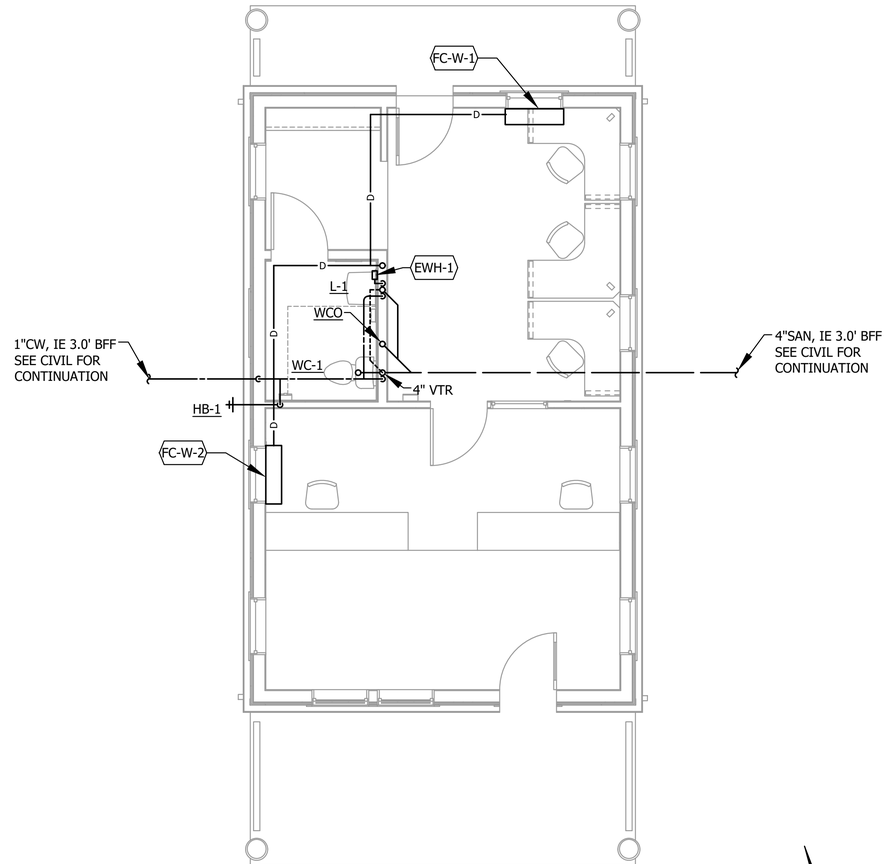
WELCOME CENTER FRAMING DETAILS

SW7.3

SCALE

PARKS FILE#

Plotted: Feb 02, 2024 – 10:49am Sean.Clark K:\PROJECT\33400\33427\CADD\ACAD\Dwg\SW7.1.dwg Layout Name: SW7.3



1/107 *WELCOME CENTER FLOOR PLAN - PLUMBING*

CAD NO. X:\PDX\2021\2021-0985\CAD\Mechanical\PW1.1 WELCOME CENTER FLOOR PLAN - PLUMBING.dwg

NO.	REVISIONS	INT.	APP.	DATE

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DRAWN		
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CHECKED (HDQTS.)		

ANDREW J. FLANAGAN
STATE OF WASHINGTON
55979
REGISTERED
PROFESSIONAL ENGINEER

PROJECT ENGINEER

WASHINGTON STATE PARKS AND RECREATION COMMISSION

CAPE DISAPPOINTMENT STATE PARK

WELCOME CENTER AND ENTRANCE IMPROVEMENTS

WELCOME CENTER FLOOR PLAN - PLUMBING

PW1.1

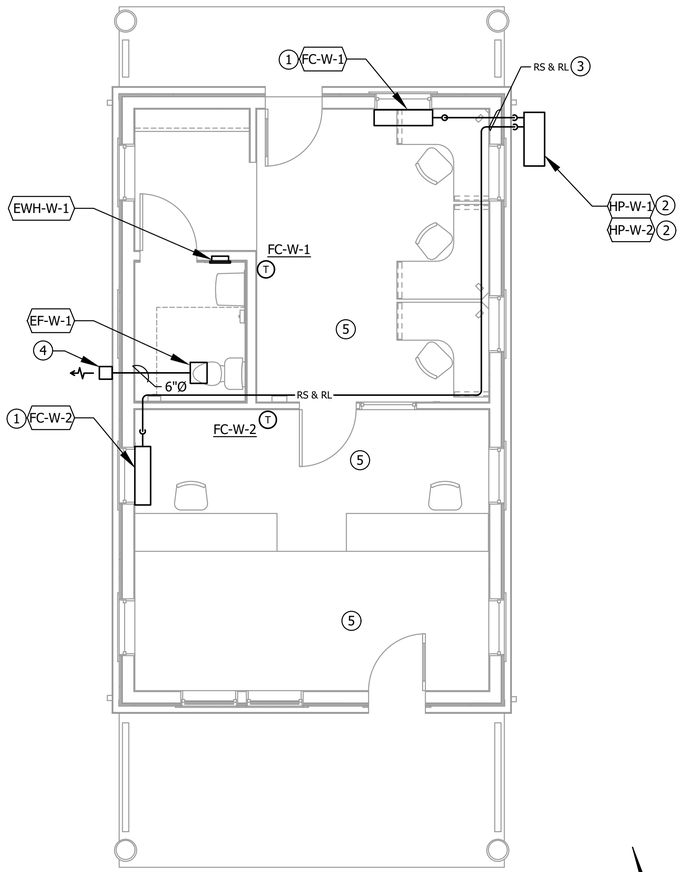
SCALE 4' 0 8'

PARKS FILE#

SHEET 102 OF 114

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NATURAL VENTILATION SCHEDULE				
Per 2018 WSBC 1202.5.1, natural ventilation of an occupied space shall be through windows, doors, louvers or other openings to the outdoors. The openable area of the openings to the outdoors shall not be less than 4 percent of the floor area being ventilated.				
SPACE NAME	**ROOM AREA (SQ FT)**	**OPENING TYPE**	**OPENING AREA (SQ FT)**	**AREA RATIO**
100-LOBBY	137	DOOR, WINDOWS	34.3	25.0%
101-REGISTRATION	140	WINDOWS	6.6	4.7%
102-OFFICE	190	DOOR, WINDOWS	30.8	16.2%
104-STORAGE	48	WINDOW	3.3	6.8%



1/108 *WELCOME CENTER FLOOR PLAN - MECHANICAL*

GENERALSHEET NOTES:

A. MAINTAIN MINIMUM DISTANCE OF 3'-0" BETWEEN ALL EXHAUST OUTLETS AND DOORS/OPERABLE WINDOWS.

B. FOR ALL DUCT CONNECTIONS TO MECHANICAL EQUIPMENT, PROVIDE TRANSITION FROM DUCT SIZE SHOWN TO EQUIPMENT CONNECTION SIZE.

C. INSTALL ALL EQUIPMENT SUCH THAT MANUFACTURER RECOMMENDED CLEARANCES ARE MAINTAINED.

D. INSTALL THERMOSTATS AT 4'-0" A.F.F. PER ADA REQUIREMENTS UNLESS OTHERWISE NOTED ON DRAWINGS. 4'-0" DIMENSION TO BE TO THE TOP OF THE THERMOSTAT.

SHEET NOTES:

1. FAN COIL WALL-MOUNTED ABOVE WINDOW. ROUTE CONDENSATE TO SINK TAILPIECE IN RESTROOM.
2. HEAT PUMP CONDENSING UNITS STACKED VERTICALLY. SEE DETAIL 1/M5.1.
3. ROUTE REFRIGERANT LINESETS TIGHT TO STRUCTURE AND WITH MINIMAL OFFSETS.
4. EXHAUST FAN WALL CAP TERMINATION BELOW ROOF EAVE OVERHANG.
5. NATURAL VENTILATION PROVIDED THROUGH OPERABLE OPENINGS IN THIS SPACE. SEE NATURAL VENTILATION SCHEDULE ON THIS SHEET.

SHEET 103 OF 114

CAD NO. X:\PDX\2021\2021-0985\CAD\Mechanical\MW1.1 WELCOME CENTER FLOOR PLAN - MECHANICAL.dwg

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JOSHUA J. FLANAGAN — STATE OF WASHINGTON — 55979 — REGISTERED PROFESSIONAL ENGINEER

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WASHINGTON STATE PARKS AND RECREATION COMMISSION

CAPE DISAPPOINTMENT STATE PARK

WELCOME CENTER AND ENTRANCE IMPROVEMENTS

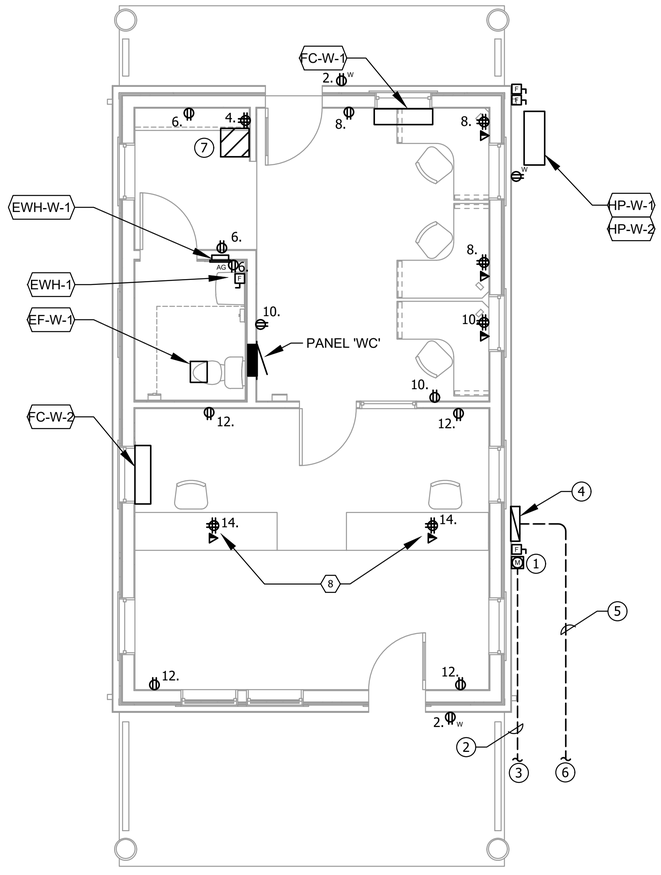
WELCOME CENTER FLOOR PLAN - MECHANICAL

MW1.1

SCALE 0 4' 8'

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1/109 *WELCOME CENTER FLOOR PLAN - ELECTRICAL*

SHEET NOTES:

1. UTILITY METER AND SERVICE RATED DISCONNECTING MEANS.
2. 1-X" CONDUIT FOR SECONDARY CONDUCTORS.
3. SEE SITE PLAN FOR CONTINUATION.
4. TELEPHONE DEMARCATION POINT.
5. 1-2" CONDUIT FOR TELEPHONE CABLES.
6. SEE SITE PLAN FOR CONTINUATION.
7. WALL MOUNTED DATA RACK.
8. MOUNT DEVICES IN THE SLIDING CPU CABINET. SEE ARCHITECTURAL ELEVATIONS FOR EXACT LOCATIONS.

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WELCOME CENTER AND ENTRANCE IMPROVEMENTS

WELCOME CENTER FLOOR PLAN - ELECTRICAL

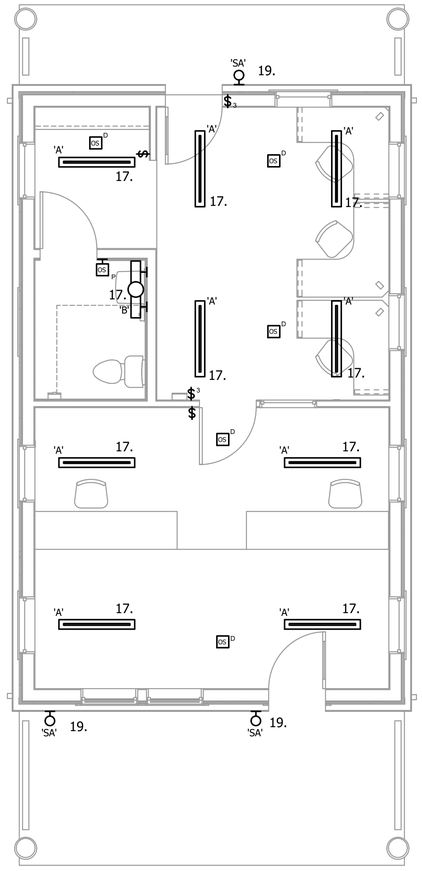
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SHEET 104 OF 114

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1/110 *WELCOME CENTER FLOOR PLAN - LIGHTING*

SHEET 105 OF 114

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WELCOME CENTER AND ENTRANCE IMPROVEMENTS

WELCOME CENTER FLOOR PLAN - LIGHTING

EW2.1

SCALE 4' 0 8'

PARKS FILE#

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PLUMBING SYMBOL LIST

NOTE: This is a standard symbol list and not all items listed may be used.

Abbreviations

#	NUMBER
&	AND
(E)	EXISTING
(N)	NEW
@	AT
'	FOOT, FEET
AFF	ABOVE FINISHED FLOOR
AP	ACCESS PANEL
BFF	BELOW FINISHED FLOOR
BLDG	BUILDING
BTUH	BRITISH THERMAL UNITS PER HOUR
CD	CONDENSATE DRAIN
CFH	CUBIC FEET PER HOUR
CFS	CUBIC FEET PER SECOND
CO	CLEANOUT
CONT.	CONTINUATION
CV	CHECK VALVE
CW	COLD WATER
D	DRAIN
DFU	DRAINAGE FIXTURE UNIT
DN	DOWN
DW	DISHWASHER, DOMESTIC WATER
DWV	DRAINAGE, WASTE AND VENT
EWH	ELECTRIC WATER HEATER
F	FIRE, FAHRENHEIT
FCO	FLOOR CLEANOUT
FD	FLOOR DRAIN
FT	FEET
FV	FLUSH VALVE
GPM	GALLONS PER MINUTE
GWH	GAS WATER HEATER
HB	HOSE BIBB
HVAC	HEATING, VENTILATING AND AIR CONDITIONING
HW	HOT WATER
HWFU	HOT WATER FIXTURE UNIT
IN, "	INCHES
INV	INVERT ELEVATION
L	LAVATORY
MIN	MINIMUM
MS	MOP SINK
NIC	NOT IN CONTRACT
NO.	NUMBER
NTS	NOT TO SCALE
P	PLUMBING, PUMP
PLBG	PLUMBING
POC	POINT OF CONNECTION
PRV	PRESSURE REDUCING VALVE
PSI	POUNDS PER SQUARE INCH
QTY	QUANTITY
RPBP	REDUCED PRESSURE BACKFLOW PREVENTER
S, SK	SINK
SAN	SANITARY
SF	SQUARE FEET
SOV	SHUT OFF VALVE
TYP	TYPICAL
U, UR	URINAL
V	VACUUM, VENT, VOLT
VTR	VENT THRU ROOF
W/	WITH
W	WASTE
WC	WATER COLUMN, WATER CLOSET
WCO	WALL CLEANOUT
WH	WATER HEATER, WALL HYDRANT
WSFU	WATER SUPPLY FIXTURE UNIT

General

- CONTINUATION
- XX-X LOCATION / X — EQUIPMENT IDENTIFICATION / KEYED NOTE
- NEW WORK
- PIPE OR CONDUIT BELOW GRADE
- POINT OF CONNECTION

Piping Fittings

- AP — ACCESS PANEL
- CAP
- COTG — CLEANOUT TO GRADE
- CONCENTRIC REDUCER
- DSN — DOWNSPOUT NOZZLE
- ECCENTRIC REDUCER
- FCO — FLOOR CLEANOUT
- FD — FLOOR DRAIN
- FS — FLOOR SINK
- FLOW DIRECTION
- HOSE BIBB / WALL HYDRANT
- PIPE DROP
- PIPE RISE
- T&P RELIEF VALVE WITH PIPE TO DRAIN
- TEE DOWN ON PIPE
- TEE UP ON PIPE
- VTR — VENT THROUGH ROOF
- WCO — WALL CLEANOUT

Piping Systems

- COLD WATER PIPING
- CONDENSATE / INDIRECT DRAIN PIPING
- HOT WATER PIPING
- SANITARY VENT PIPING
- SANITARY WASTE OR SOIL PIPING BELOW GRADE OR FINISHED FLOOR

Valves

- BFP — BACKFLOW PREVENTER
- CHECK VALVE
- SHUTOFF VALVE, GENERAL

ELECTRIC WATER HEATER SCHEDULE - TANK TYPE

SYMBOL	EQUIPMENT TYPE	LOCATION / SERVING	BASIS OF DESIGN		TANK CAPACITY (GALLONS)	RECOVERY RATE @ 90F RISE (GPH)	ELECTRICAL				MAX WT (LBS)	COMMENTS
			MFR	MODEL			VOLTS	PH	KW	ELEMENTS		
EWH-1	LAVATORY ELECTRICAL WATER HEATER	WECLOME CENTER / LAVATORY	CHRONOMITE	CM-30L/240	-	0.5 GPM	208	1	8			
EWH-2	ELECTRIC WATER HEATER	ADMIN DHW SYSTEM	BRADFORD WHITE	LE350S303	50	28	208	1	6		561	
EWH-3	ELECTRIC WATER HEATER	SHOP DHW SYSTEM	BRADFORD WHITE	LE350S303	50	28	208	1	6		561	

NOTES:

PLUMBING FIXTURE SCHEDULE

SYMBOL	FIXTURE TYPE	DESCRIPTION	BASIS OF DESIGN		ACCESSORIES	CONNECTION				NOTES
			MFR	MODEL		W	V	CW	HW	
FD-1	FLOOR DRAIN	CAST IRON BODY, FLASHING COLLAR, 6-INCH ADJUSTABLE NICKEL BRONZE STRAINER HEAD	JR SMITH	2005Y-A-06-P050-NB	TRAP SEAL - RECTOR SEAL SS3009V	3"	2"	-	-	
L-1	LAVATORY	WALL MOUNTED, VITREOUS CHINA, 2-HOLE PUNCH, 4-INCH CENTERS, OVAL, FRONT OVERFLOW	AMERICAN STANDARD	355.012	FAUCET (SINGLE LEVER HANDLE, 0.5 GPM, VANDAL RESISTANT, NON-AERATED): TS BRASS B-0711-VF05 OR EQ.	1-1/2"	1-1/2"	1/2"	1/2"	
HB-1	HOSE BIBB	EXPOSED, NON-FREEZE, ANTI-SIPHON, AUTOMATIC DRAINING, CHROME PLATED ASSEMBLY, DOUBLE CHECK BACKFLOW PREVENTER	WOODFORD	67-P		-	-	-	-	
IMB-1	ICE-MAKER BOX	IN WALL WATER SUPPLY BOX WITH WATER HAMMER ARRESTOR AND SHUTOFF VALVE	OATEY	MODA		-	-	1/2"	-	
MS-1	MOP SINK	FLOOR MOUNTED, ONE PIECE MOLDED STRUCTURAL FIBERGLASS, 24-INCHES X 24-INCHES X 10-INCHES	MUSTEE	63M	FAUCET (MOP SINK): CHICAGO 540-LD897SWXFABCP (PROVIDE WITH CHICAGO GCJKABCP INTEGRAL CHECKS) MOP HANGER	3"	2"	3/4"	3/4"	
S-1	BREAKROOM SINK	COUNTERTOP, SINGLE BOWL, 18 GAUGE STAINLESS STEEL, 22-INCHES X 22-INCHES X 7-5/8-INCHES DEEP, 27-INCH MINIMUM CABINET SIZE, 3-HOLE PUNCH	ELKAY	LR2222-3	FAUCET (5-INCH GOOSENECK WRISTBLADE): CHICAGO 786-E35-319ABCP	2"	1-1/2"	1/2"	1/2"	
S-2	SHOP SINK	WALL HUNG, STAINLESS STEEL, 25-INCHES X 19-1/2-INCHES X 10-1.2-INCHES DEEP, WITH WALL MOUNTED FAUCET	ELKAY	EWS2520W6C	SHOWER TRIM: SYMMONS ORIGINS S9608PLRTRMTC, 1/5 GPM SHOWER WAND AND FIXED HEAD, DIVERTER VALVE, PRESSURE BALANCING SHOWER VALVE WITH HIGH LIMIT STOP	2"	1-1/2"	1/2"	1/2"	
SH-1	SHOWER	SHOWER STALL, CAST ACRYLIC, ONE-PIECE, 36" X 36", ADA COMPLIANT 3/4" THRESHOLD	AQUABATH	C4136BF-FUS+		2"	1-1/2"	1/2"	1/2"	
WC-1	WATER CLOSET	FLOOR MOUNTED, VITREOUS CHINA, TOP SPUD, FLUSHOMETER, 16-1/2" RIM HEIGHT, ABAAS COMPLIANT	AMERICAN STANDARD	MADERA 3461	FLUSH VALVE (MANUAL, 1.28 GPF, DIAPHRAGM): SLOAN 111-1.28 SEAT (BARRIER FREE, COMMERCIAL WEIGHT, EXTRA HEAVY-DUTY SOLID PLASTIC WITH STAINLESS STEEL CHECK HINGE): BEMIS 1655SSC-000	3"	2"	1/2"	-	

NOTES:
1 SEE ARCHITECTURAL DRAWINGS FOR ALL FIXTURE MOUNTING HEIGHTS AND LOCATIONS.
* UNLESS NOTED OTHERWISE ON DRAWINGS

SHEET INDEX

P0.1	COVER SHEET-SCHEDULES - PLUMBING
PA1.1	ADMIN/SHOP FLOOR PLAN - PLUMBING
PW1.1	WELCOME CENTER FLOOR PLAN - PLUMBING

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CAPE DISAPPOINTMENT STATE PARK

WELCOME CENTER AND ENTRANCE IMPROVEMENTS

COVER SHEET-SCHEDULES - PLUMBING

P0.1

SCALE

PARKS FILE#

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MECHANICAL SYMBOL LIST

NOTE: This is a standard symbol list and not all items listed may be used.

Abbreviations

A/C	AIR CONDITION(ED)
AFF	ABOVE FINISHED FLOOR
BDD	BACKDRAFT DAMPER
BHP	BRAKE HORSEPOWER
CFM	CUBIC FEET PER MINUTE
COP	COEFFICIENT OF PERFORMANCE
CU	CONDENSING UNIT
DB	DRY BULB
DX	DIRECT EXPANSION
EAT	ENTERING AIR TEMPERATURE
EDH	ELECTRIC DUCT HEATER
EER	ENERGY EFFICIENCY RATING
EF	EXHAUST FAN
EFF	EFFICIENT
ELECT	ELECTRICAL
F	FAHRENHEIT
FC	FAN COIL
FLA	FULL LOAD AMPS
FT	FEET
HP	HEAT PUMP
HP	HORSEPOWER
KW	KILOWATT
LAT	LEAVING AIR TEMPERATURE
LBS.	POUNDS
MAX	MAXIMUM
MBH	THOUSAND BTU'S PER HOUR
MD	MOTORIZED DAMPER
MIN	MINIMUM
OBD	OPPOSED BLADE DAMPER
OSA	OUTSIDE AIR
PH	PHASE
RA	RETURN AIR
RL	REFRIGERANT LIQUID
RPM	REVOLUTIONS PER MINUTE
RS	REFRIGERANT SUCTION
SA	SUPPLY AIR
SEER	SEASONAL ENERGY EFFICIENCY RATING
SP	STATIC PRESSURE
T, TEMP	TEMPERATURE
UH	UNIT HEATER
V	VOLT
W	WATT
WC	WATER COLUMN

Control Symbols

T AC-1 — ROOM THERMOSTAT

Dampers

MD — MOTORIZED DAMPER

MD — VOLUME DAMPER

Diffusers and Grilles

12x12 / 100 CD-1 — DIFFUSER OR GRILLE IDENTIFICATION

EXHAUST AIR

RETURN AIR

SUPPLY AIR

General

CONTINUATION

X / X — DETAIL NUMBER AND SHEET LOCATION

XX-X / LOCATION — EQUIPMENT IDENTIFICATION

X — KEYED NOTE

30X16 — RECTANGULAR DUCT SIZING

30"Ø — ROUND DUCT SIZING

FAN COIL SCHEDULE (DX)

SYMBOL	AREA SERVED	BASIS OF DESIGN MFR	BASIS OF DESIGN MODEL	UNIT TYPE	STATIC PRESSURE SETTING	ASSOC CU	SUPPLY FAN TOTAL CFM	SUPPLY FAN MIN OSA CFM	DX COOLING COIL NOM TONS	DX COOLING COIL TOTAL CAP (MBH)	DX COOLING COIL EDB (°F)	DX COOLING COIL EWB (°F)	DX COOLING COIL LDB (°F)	DX COOLING COIL LWB (°F)	HEAT PUMP HTG (MBH)	ELECTRICAL VOLTS	ELECTRICAL PH	ELECTRICAL RATED AMPS	ELECTRICAL MOCP	APPROX. DIMS (LxWxH)	MAX WT (LBS)	NOTES
FC-A-1	ADMIN BUILDING	LG	ARNU283	DUCTED CONCEALED	HIGH STATIC	HP-A-1	1000	150	2.5	28	75	60	55	54	31.5	240	1	2.5	15	28x50x15	195	2, 3, 4
FC-W-1	102-OFFICE	LG	ARNU183	WALL MOUNTED	--	HP-W-1	494	-	1.5	19.1	75	60	55	54	21.5	240	1	1	-	39x9x14	30	1, 2, 4
FC-W-2	100-LOBBY, 101-REGISTRATION	LG	ARNU183	WALL MOUNTED	--	HP-W-2	494	-	1.5	19.1	75	60	55	54	21.5	240	1	1	-	39x9x14	30	1, 2, 4

NOTES:
1. OUTDOOR UNIT TO PROVIDE POWER FOR INDOOR UNIT.
2. PROVIDE UNIT WITH INTEGRAL CONDENSATE PUMP.
3. PROVIDE WITH THERMOSTAT TO CONTROL ASSOCIATED ELECTRIC DUCT HEATER WHEN IN HEATING MODE.
4. SIZE REFRIGERANT PIPING PER MANUFACTURER REQUIREMENTS.

CONDENSING UNIT SCHEDULE

SYMBOL	AREA SERVED	BASIS OF DESIGN MFR	BASIS OF DESIGN MODEL	ASSOC FAN COIL	AIR SOURCE CONDENSER TONS NOM TONS	QTY OF COMPRESSORS	COOLING CAP (MBH)	COOLING AMBIENT DB (°F)	COOLING SEER	HEATING CAP (MBH)	HEATING AMBIENT WB (°F)	HEATING HSPF	ELECTRICAL VOLTS	ELECTRICAL PH	ELECTRICAL MCA	ELECTRICAL MOCP	APPROX. DIMS (LxWxH)	MAX WT (LBS)	NOTES
HP-A-1	ADMIN BUILDING	LG	ARUN038	FC-A-1	3	1	38	95	20.1	43	47	10.6	240	1	25	40	38x13x54	210	
HP-W-1	102-OFFICE	LG	ARUN024	FC-W-1	2	1	24	95	18.15	27	47	10.2	240	1	14	15	38x15x33	160	
HP-W-2	100-LOBBY, 101-REGISTRATION	LG	ARUN024	FC-W-2	2	1	24	95	18.15	27	47	10.2	240	1	14	15	38x15x33	160	

NOTES:
1

ELECTRIC HEATER SCHEDULE

SYMBOL	AREA SERVED	BASIS OF DESIGN MFR	BASIS OF DESIGN MODEL	TYPE	ELECTRICAL VOLTS	ELECTRICAL PH	ELECTRICAL HEAT KW	ELECTRICAL STAGES	APPROX. DIMS (LxWxD)	MAX WT (LBS)	NOTES
EWH-A-1	003-RESTROOM	QMARK	CWH1151DSAF	WALL HEATER	120	1	0.75	1	11x5x13	15	1, 2, 3
EWH-A-2	002-MECH/STORAGE	QMARK	CWH1151DSAF	WALL HEATER	120	1	0.75	1	11x5x13	15	1, 2, 3
UH-A-1	009-SHOP	REZNOR	EGEB	UNIT HEATER	240	1	10	1	22x11x24	70	4
EWH-W-1	103-RESTROOM	QMARK	CWH1151DSAF	WALL HEATER	120	1	0.75	1	11x5x13	15	1, 2, 3

NOTES:
1. PROVIDE WITH INTEGRAL, TAMPER-PROOF THERMOSTAT. SET THERMOSTAT TO 60°F.
2. PROVIDE WITH RECESSED MOUNTING FRAME.
3. MOUNT BOTTOM OF UNIT AT 8" AFF.
4. PROVIDE LINE VOLTAGE THERMOSTAT.

ELECTRIC DUCT HEATER SCHEDULE

SYMBOL	AREA SERVED	BASIS OF DESIGN MFR	BASIS OF DESIGN MODEL	TYPE	DUCT SIZE WIDTH (IN)	DUCT SIZE HEIGHT (IN)	ELECTRICAL VOLTS	ELECTRICAL PH	ELECTRICAL HEAT KW	ELECTRICAL STAGES	NOTES
EDH-1	FC-1	GREENHECK	IDHB	FLANGED	46	12	120	1	7	SCR	1

NOTES:
1. DUCT HEATER TO BE CONTROLLED BY FC THERMOSTAT. HEATER TO STAGE ON WHEN HEAT PUMP CANNOT MEET HEATING LOAD IN SPACE.

FAN SCHEDULE

SYMBOL	AREA SERVED	BASIS OF DESIGN MFR	BASIS OF DESIGN MODEL	TYPE	DRIVE	AIR FLOW (CFM)	ESP (IN H2O)	FAN RPM	MAX RPM	SOUND (SONES)	ELECTRICAL VOLTS	ELECTRICAL PH	ELECTRICAL MHP	APPROX. DIMS (LxWxH)	MAX WT (LBS)	NOTES
EF-A-1	009-SHOP	GREENHECK	SQ-70-VG	INLINE	DIRECT	405	0.2	1234	1725	5	120	1	0.1	17x18x18	50	1, 2
EF-A-2	002-MECH/STORAGE, 003-RESTROOM	GREENHECK	SQ-70-VG	INLINE	DIRECT	180	0.2	1550	-	4.8	120	1	0.03	15x15x15	35	1, 3
EF-W-1	103-RESTROOM	GREENHECK	SP-A90	CEILING	DIRECT	70	0.2	900	-	0.7	120	1	16WATTS	11x14x9	15	3

NOTES:
1. PROVIDE WITH VARI-GREEN MOTOR.
2. PROVIDE WITH MOTORIZED DAMPER INTERLOCKED WITH FAN OPERATION.
3. PROVIDE WITH BACKDRAFT DAMPER.

SHEET INDEX

M0.1 COVER SHEET & SCHEDULES - MECHANICAL

MA1.1 ADMIN/SHOP FLOOR PLAN - MECHANICAL
MW1.1 WELCOME CENTER FLOOR PLAN - MECHANICAL

M5.1 DETAILS - MECHANICAL

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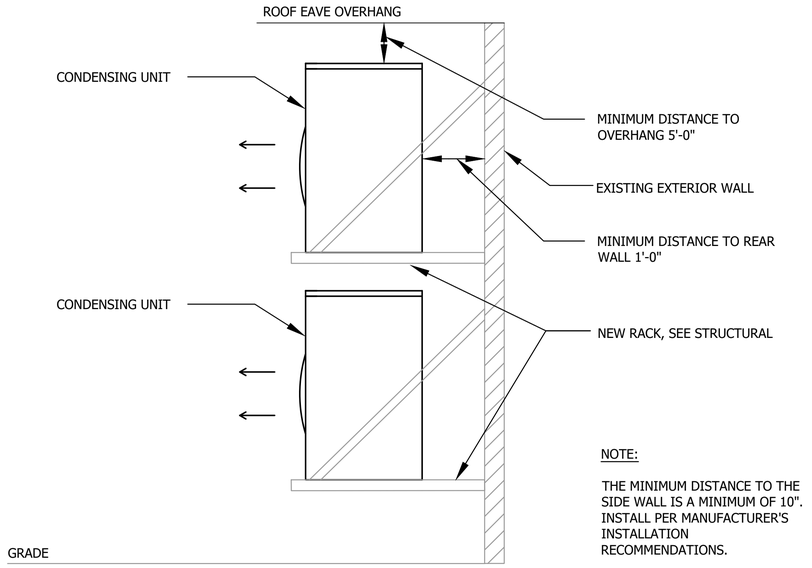
COVER SHEET & SCHEDULES - MECHANICAL

M0.1

SCALE

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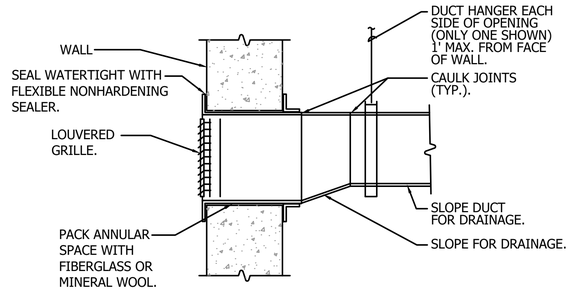
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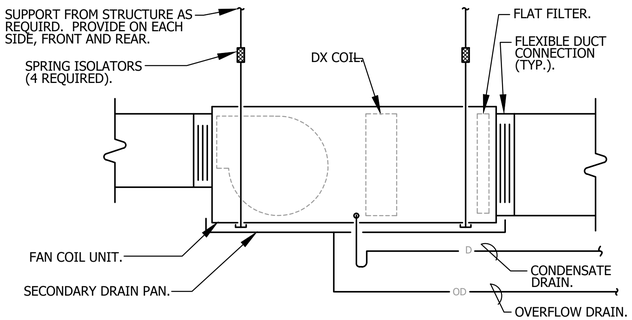
NOTE:

THE MINIMUM DISTANCE TO THE SIDE WALL IS A MINIMUM OF 10". INSTALL PER MANUFACTURER'S INSTALLATION RECOMMENDATIONS.

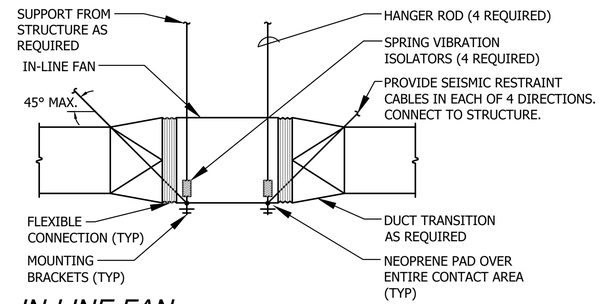
WALL MOUNTED CONDENSING UNITS



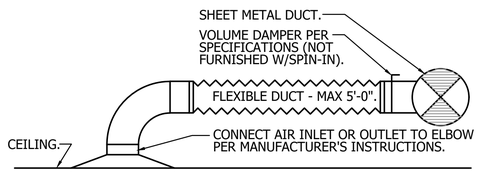
LOUVERED GRILLE WALL PENETRATION



FAN COIL



IN-LINE FAN



AIR INLET OR OUTLET ROUND NECK

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DETAILS - MECHANICAL

M5.1

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ELECTRICAL SYMBOL LIST

NOTE: This is a standard symbol list and not all items listed may be used.

Abbreviations

(E)	EXISTING
(N)	NEW
(R)	RELOCATE
(X)	DEMOLISH
A	AMPERES, AMBER
AFC	ABOVE FINISHED CEILING
AFF	ABOVE FINISHED FLOOR
AHJ	AUTHORITY HAVING JURISDICTION
AIC	AVAILABLE INTERRUPTING CAPACITY
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE
AWG	AMERICAN WIRE GAUGE
C	CONDUIT, CLOSE, CONTROL
CAT	CATEGORY
CLG	CEILING
COORD	COORDINATE
CU	COPPER
DWG	DRAWING
E	EMERGENCY
EA	EACH
EF	EXHAUST FAN
EL	ELEVATION
EMT	ELECTRICAL METALLIC TUBING
FA	FIRE ALARM
FACP	FIRE ALARM CONTROL PANEL
FF	FINISH FLOOR
FMC	FLEXIBLE METAL CONDUIT
G, GND	GROUND
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
GFI	GROUND FAULT INTERRUPTER
GFP	GROUND FAULT PROTECTION
HT	HEIGHT
IMC	INTERMEDIATE METAL CONDUIT
KV	KILOVOLT
KVA	KILOVOLT AMPERES
KW	KILOWATT
LFMC	LIQUIDTIGHT FLEXIBLE METAL CONDUIT
MCA	MINIMUM CIRCUIT AMPS
MOCP	MAXIMUM OVERCURRENT PROTECTION
MT, MTD	MOUNT, MOUNTED
N.I.C.	NOT IN CONTRACT
N/A	NOT APPLICABLE
N	NEUTRAL
NEC	NATIONAL ELECTRIC CODE
NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
NTS	NOT TO SCALE
PH	PHASE
PNL	PANEL
PVC	POLY-VINYL-CHLORIDE
PWR	POWER
RMC	RIGID METAL CONDUIT
SPD	SURGE PROTECTION DEVICE
TBD	TO BE DETERMINED
TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSOR
TYP	TYPICAL
UG	UNDERGROUND
UL	UNDERWRITERS LABORATORIES
UON	UNLESS OTHERWISE NOTED
V	VOLTS, VOLTAGE
WG	WIRE GUARD
WP	WEATHERPROOF
XFMR	TRANSFORMER

Connections / Equipment

- FLOOR MOUNTED JUNCTION BOX
- HEAVY DUTY FUSED DISCONNECT SWITCH
- MOTOR CONNECTION
- NON-FUSED DISCONNECT SWITCH
- TRANSFORMER
- WALL-MOUNTED JUNCTION BOX

Fire Alarm

- FACP — FIRE ALARM CONTROL PANEL

General

- DEMOLISH
- X / X — DETAIL NUMBER AND SHEET LOCATION
- XX-X / LOCATION — EQUIPMENT IDENTIFICATION
- EXISTING WORK
- 1 — KEYED NOTE
- NEW WORK

Lighting

- EXIT SIGN CEILING MOUNTED, ARROW(S) INDICATES DIRECTION IF SHOWN
- EXIT SIGN WALL MOUNTED, ARROW(S) INDICATES DIRECTION IF SHOWN
- RECESSED 1' X 4' LUMINAIRE
- RECESSED 1' X 4' LUMINAIRE CONNECTED TO EMERGENCY/LIFE SAFETY CIRCUIT OR WITH INTEGRAL EMERGENCY BATTERY CONNECTED TO UNSWITCHED CIRCUIT
- RECESSED 2' X 2' LUMINAIRE
- RECESSED 2' X 2' LUMINAIRE CONNECTED TO EMERGENCY/LIFE SAFETY CIRCUIT OR WITH INTEGRAL EMERGENCY BATTERY CONNECTED TO UNSWITCHED CIRCUIT
- RECESSED 2' X 4' LUMINAIRE
- RECESSED 2' X 4' LUMINAIRE CONNECTED TO EMERGENCY/LIFE SAFETY CIRCUIT OR WITH INTEGRAL EMERGENCY BATTERY CONNECTED TO UNSWITCHED CIRCUIT
- RECESSED LUMINAIRE
- RECESSED LUMINAIRE CONNECTED TO EMERGENCY/LIFE SAFETY CIRCUIT
- SURFACE MOUNTED 2' X 2' LUMINAIRE CONNECTED TO EMERGENCY/LIFE SAFETY CIRCUIT OR WITH INTEGRAL EMERGENCY BATTERY CONNECTED TO UNSWITCHED CIRCUIT
- SURFACE MOUNTED 2' X 4' LUMINAIRE
- SURFACE MOUNTED 2' X 4' LUMINAIRE CONNECTED TO EMERGENCY/LIFE SAFETY CIRCUIT OR WITH INTEGRAL EMERGENCY BATTERY CONNECTED TO UNSWITCHED CIRCUIT
- SURFACE OR PENDANT MOUNTED 1' X 4' LUMINAIRE
- SURFACE OR PENDANT MOUNTED 1' X 4' LUMINAIRE CONNECTED TO EMERGENCY/LIFE SAFETY CIRCUIT OR WITH INTEGRAL EMERGENCY BATTERY CONNECTED TO UNSWITCHED CIRCUIT
- SURFACE OR PENDANT MOUNTED LUMINAIRE CONNECTED TO EMERGENCY/LIFE SAFETY CIRCUIT OR WITH INTEGRAL EMERGENCY BATTERY CONNECTED TO UNSWITCHED CIRCUIT
- SURFACE OR PENDANT MOUNTED STRIPLIGHT
- WALL MOUNTED 12" WIDE LUMINAIRE
- WALL MOUNTED 12" WIDE LUMINAIRE CONNECTED TO EMERGENCY/LIFE SAFETY CIRCUIT OR WITH INTEGRAL EMERGENCY BATTERY CONNECTED TO UNSWITCHED CIRCUIT
- WALL MOUNTED 6" WIDE LUMINAIRE
- WALL MOUNTED 6" WIDE LUMINAIRE CONNECTED TO EMERGENCY/LIFE SAFETY CIRCUIT OR WITH INTEGRAL EMERGENCY BATTERY CONNECTED TO UNSWITCHED CIRCUIT
- WALL MOUNTED LUMINAIRE
- WALL MOUNTED LUMINAIRE CONNECTED TO EMERGENCY/LIFE SAFETY CIRCUIT OR WITH INTEGRAL EMERGENCY BATTERY CONNECTED TO UNSWITCHED CIRCUIT

Miscellaneous

- #10 / B-27,29,31. — BRANCH CIRCUIT WIRING. ARROW INDICATES HOME RUN TO PANEL WITH CIRCUITS AS NOTED. WIRE SIZE IS #12 AWG MINIMUM UNLESS NOTED OTHERWISE. SHORT TICK MARKS INDICATE PHASE CONDUCTORS. LONG TICK MARKS INDICATE NEUTRAL CONDUCTORS. A SINGLE CURVED TICK MARK INDICATES INSULATED GREEN GROUND CONDUCTOR. SECOND CURVED TICK MARK INDICATES "ISOLATED GROUND" (GREEN INSULATION WITH YELLOW STRIPE) CONDUCTOR.
- BRANCH PANEL
- CIRCUIT BREAKER
- DRY TYPE TRANSFORMER
- FLUSH WALL MOUNTED BRANCH PANEL
- GB — GROUND BAR
- MAIN DISTRIBUTION PANEL / SUB DISTRIBUTION PANEL

Raceways

- CONDUIT CONCEALED IN WALL OR CEILING SPACE
- CONDUIT ELLED DOWN
- CONDUIT ELLED UP
- CONDUIT ROUTED BELOW FLOOR / GRADE
- CONDUIT/WIRING CONTINUATION
- CONDUIT/WIRING STUBBED OUT WITH END CAP OR INSULATED PLASTIC BUSHING
- FLEXIBLE CONDUIT

Switches and Receptacles

- OS — CEILING MOUNTED OCCUPANCY SENSOR
  - P = PASSIVE INFRARED
  - D = DUAL TECHNOLOGY
  - U = ULTRASONIC, 360 DEG RANGE
  - H = ULTRASONIC, HALLWAY PATTERN
  - v (LOWERCASE) = VACANCY CONTROL DESIGNATION
- DOUBLE DUPLEX RECEPTACLE, FLUSH FLOOR
- DOUBLE DUPLEX RECEPTACLE. SEE LETTER CODE LIST AT DUPLEX RECEPTACLE FOR OPTIONS
- DUPLEX RECEPTACLE (MULTIPLE LETTERS INDICATE MULTIPLE OPTIONS)
  - A = ABOVE COUNTER
  - B = CLOCK HANGER
  - C = FLUSH CEILING MOUNTED
  - E = EMERGENCY
  - F = ARC FAULT PROTECTED BY BREAKER IN PANEL
  - G = GROUND FAULT CIRCUIT INTERRUPTER
  - H = HOSPITAL GRADE
  - K = CHILD RESISTANT COVER
  - L = ISOLATED GROUND
  - P = PENDANT MOUNTED WITH CORD GRIPS. VERIFY PENDANT LENGTH
  - R1 = HALF SWITCHED BY OCCUPANCY SENSOR RELAY
  - R2 = FULLY SWITCHED BY OCCUPANCY SENSOR RELAY
  - S = SPLIT WIRED
  - T = TAMPER RESISTANT SHUTTERED RECEPTACLE
  - U = USB PORT(S)
  - W = WEATHERPROOF CONTINUOUS USE COVER, GFCI PROTECTED, WITH WEATHER-RESISTANT RECEPTACLE
- DUPLEX RECEPTACLE, FLUSH FLOOR
- EQUIPMENT ELECTRICAL CONNECTION
- MULTIPLE CHANNEL SURFACE METAL RECEPTACLE RACEWAY WITH LOW VOLTAGE DIVIDERS, LENGTH AND RECEPTACLES AS INDICATED
- PHOTO ELECTRIC SWITCH
  - D = CONTINUOUS DIMMING PHOTOCELL
  - S = SWITCHED PHOTOCELL
- $ — SINGLE POLE SWITCH
  - 2 = DOUBLE POLE SWITCH
  - 3 = THREE-WAY SWITCH
  - 4 = FOUR-WAY SWITCH
  - a THRU z (LOWERCASE) = LUMINAIRE CONTROL DESIGNATION
  - D = DIMMER
  - F = FAN SPEED CONTROL
  - K = KEY OPERATED SWITCH
  - L = LIGHTED HANDLE
  - M = MANUAL MOTOR STARTER WITH THERMAL OVERLOAD
  - P = SWITCH WITH PILOT LIGHT
  - S = SENTRY SWITCH
  - T = INTERVAL TIMER
  - W = WEATHERPROOF SWITCH
  - V = LOW VOLTAGE SWITCH
- SPECIAL PURPOSE RECEPTACLE. LETTER CODE DENOTES RECEPTACLE CONFIGURATION
  - LX-XXR = NEMA CONFIGURATION TWIST-LOCK RECEPTACLE
  - X-XXR = NEMA CONFIGURATION STRAIGHT BLADE RECEPTACLE
  - P = PENDANT MOUNT WITH CORD GRIPS. VERIFY PENDANT LENGTH
  - X = COORDINATE RECEPTACLE CONFIGURATION WITH EQUIPMENT BEING SUPPLIED
- OS — WALL MOUNTED OCCUPANCY SENSOR
  - P = PASSIVE INFRARED
  - D = DUAL TECHNOLOGY
  - v (LOWERCASE) = VACANCY CONTROL DESIGNATION
- SS — WALL MOUNTED OCCUPANCY SENSOR/SWITCH
  - S = PASSIVE INFRARED WITH INTEGRAL "OFF" SWITCH
  - T = DUAL RELAY PASSIVE INFRARED WITH TWO INTEGRAL "OFF" SWITCHES
  - D = PASSIVE INFRARED WITH INTEGRAL DIMMER TO OFF.
  - v (LOWERCASE) = VACANCY CONTROL DESIGNATION

Telecommunications

- RACEWAY ONLY DATA/TELEPHONE OUTLET. PROVIDE DOUBLE GANG BACK BOX AND SINGLE GANG ADAPTER PLATE WITH 1" C. AND PULLSTRING TO ACCESSIBLE CEILING SPACE.
  (MULTIPLE LETTERS INDICATE MULTIPLE OPTIONS)
  - A = ABOVE COUNTER
  - C = CEILING MOUNTED ABOVE ACCESSIBLE CEILING
  - F = FLUSH CEILING MOUNTED
  - R = SURFACE MOUNTED ON RACEWAY
- RACEWAY ONLY TELEPHONE OUTLET. PROVIDE DOUBLE GANG BACK BOX AND SINGLE GANG ADAPTER PLATE WITH 3/4" C. AND PULLSTRING TO ACCESSIBLE CEILING SPACE. SEE LETTER CODE LIST AT DATA/TELEPHONE OUTLET FOR OPTIONS.

SHEET INDEX

E0.1	COVER SHEET-SCHEDULES - ELECTRICAL
E1.0	SITE PLAN - ELECTRICAL
EA1.1	ADMIN/SHOP FLOOR PLAN - ELECTRICAL
EA1.2	ADMIN/SHOP FLOOR PLAN - LIGHTING
EW1.1	WELCOME CENTER FLOOR PLAN - ELECTRICAL
EW1.2	WELCOME CENTER FLOOR PLAN - LIGHTING
E5.1	DETAILS - ELECTRICAL
E6.1	LUMINAIRE SCHEDULE - ELECTRICAL
E6.2	ONE LINE DIAGRAMS - ELECTRICAL
E6.3	SCHEDULES - ELECTRICAL

CAD NO. X:\PDX\2021\2021-0985\CAD\Electrical\E0.1 COVER SHEET-SCHEDULES - ELECTRICAL.dwg

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CAPE DISAPPOINTMENT STATE PARK

WELCOME CENTER AND ENTRANCE IMPROVEMENTS

COVER SHEET-SCHEDULES - ELECTRICAL

E0.1

SCALE

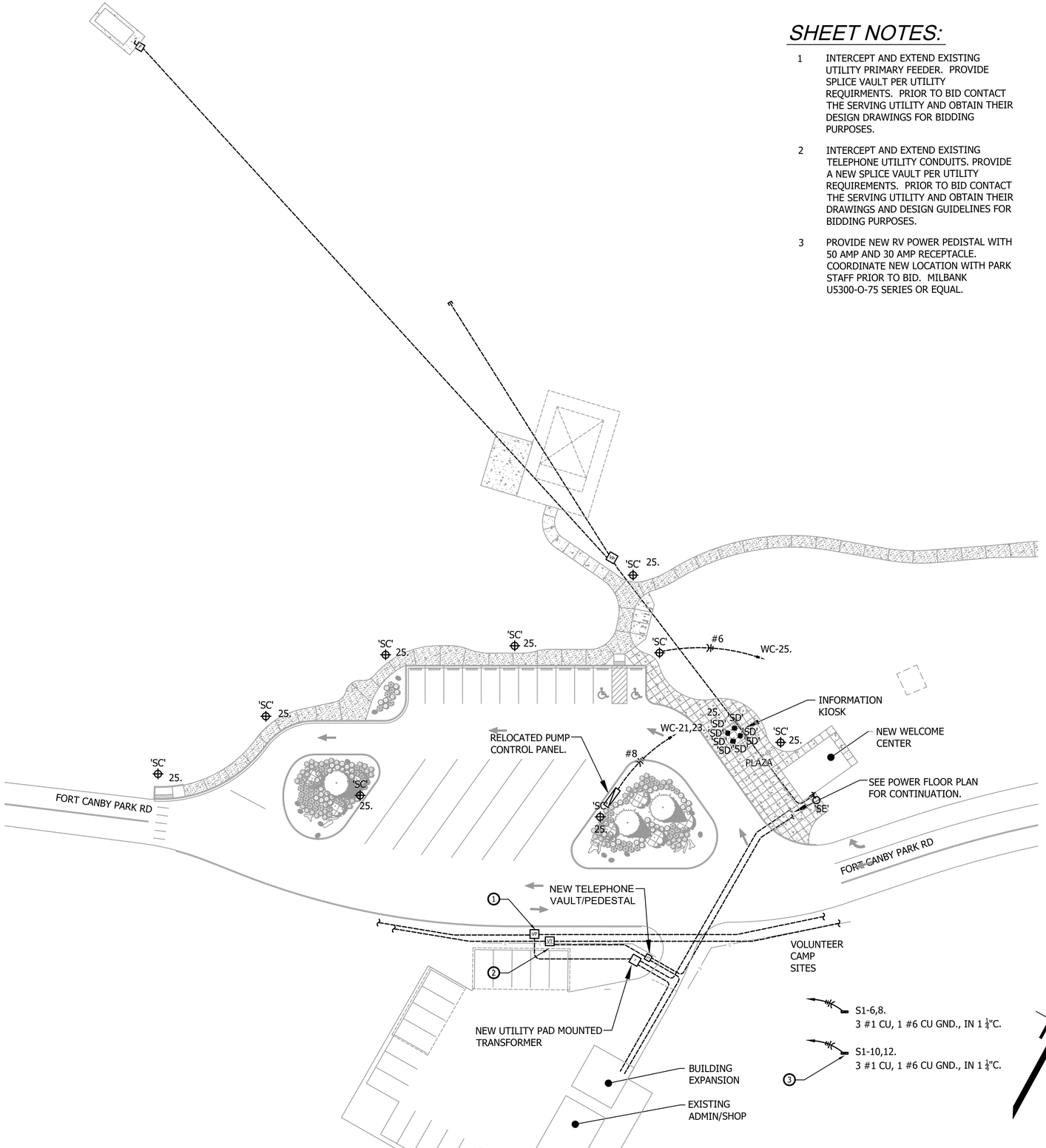
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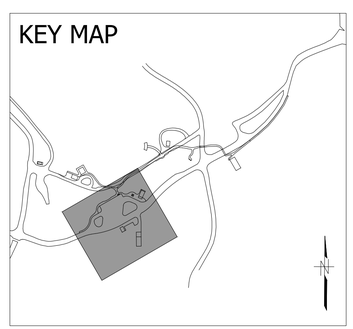
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SHEET NOTES:

1. INTERCEPT AND EXTEND EXISTING UTILITY PRIMARY FEEDER. PROVIDE SPLICE VAULT PER UTILITY REQUIRMENTS. PRIOR TO BID CONTACT THE SERVING UTILITY AND OBTAIN THEIR DESIGN DRAWINGS FOR BIDDING PURPOSES.
2. INTERCEPT AND EXTEND EXISTING TELEPHONE UTILITY CONDUITS. PROVIDE A NEW SPLICE VAULT PER UTILITY REQUIREMENTS. PRIOR TO BID CONTACT THE SERVING UTILITY AND OBTAIN THEIR DRAWINGS AND DESIGN GUIDELINES FOR BIDDING PURPOSES.
3. PROVIDE NEW RV POWER PEDISTAL WITH 50 AMP AND 30 AMP RECEPTACLE. COORDINATE NEW LOCATION WITH PARK STAFF PRIOR TO BID. MILBANK U5300-O-75 SERIES OR EQUAL.



KEY MAP



SHEET 110 OF 114

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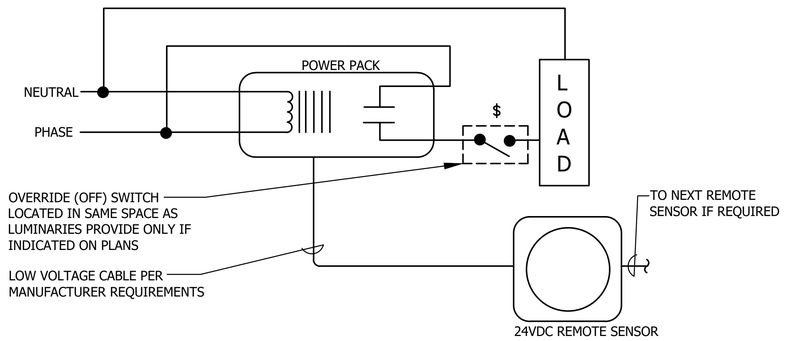
WELCOME CENTER AND ENTRANCE IMPROVEMENTS

SITE PLAN - ELECTRICAL

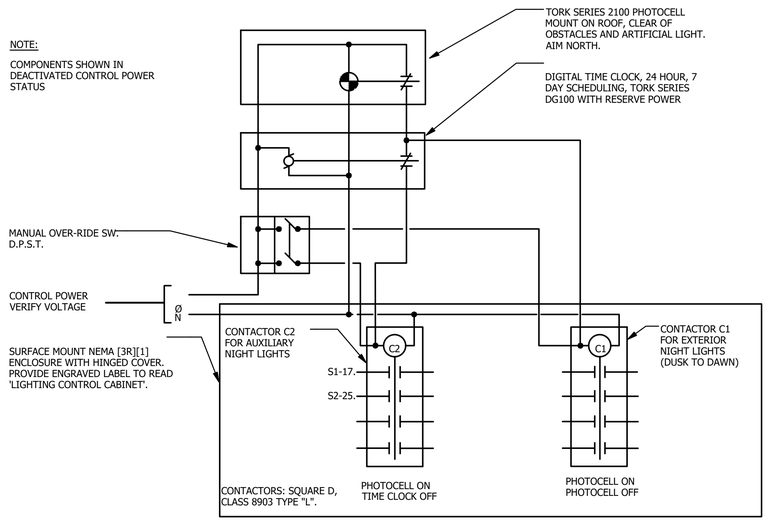
E1.0

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1 CEILING-MOUNTED OCCUPANCY SENSOR CONTROL DIAGRAM



2 EXTERIOR CONTROL DIAGRAM SHOP

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E5.1

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LUMINAIRE SCHEDULE

TYPE	DESCRIPTION	HOUSING	SHIELDING	MOUNTING	FINISH	UL/IP RATING	DRIVER/ POWER SUPPLY	LIGHT SOURCE	INPUT WATTS	MFG/CATALOG #	NOTES
'A'	RECESSED LINEAR LED; NOMINAL 3IN WIDE BY 4.5IN TALL BY 48IN LONG	EXTRUDED ALUMINUM	FROSTED FLUSH ACRYLIC LENS	RECESSED	WHITE	UL DAMP	INTEGRAL DRIVER, 0-10V DIMMING TO 1%	724 NOMINAL LUMENS PER FOOT, 3500K LED, 80CRI	6.38 WATTS PER FOOT	NULITE REGALO 4 LED FLANGE SERIES, OR EQUIVALENT	
'B'	WALL MOUNTED LED VANITY LIGHT; NOMINAL 36IN WIDE BY 2.75IN DEEP BY 4.5IN TALL	DIE CAST ALUMINUM	ACRYLIC EXTRUDED DIFFUSER	WALL MOUNTED @ 6'-4" AFF	BRUSHED NICKEL	UL DAMP	INTEGRAL DRIVER, 0-10V DIMMING	2650 NOMINAL LUMENS, 3500K LED, 90CRI	36 WATTS	LITHONIA FMVCCLS. OR EQUIVALENT	
'C'	SUSPENDED TAMPER-RESISTANT LINEAR LED; DIRECT DISTRIBUTION ONLY; NOMINAL 7IN WIDE BY 5.75IN TALL BY 4IN LONG, WIDE DISTRIBUTION	FIBERGLASS	HIGH IMPACT DIFFUSER LENS	SUSPENDED WITH CHAIN @ 12'-0" AFF	PEARL GRAY	UL WET	INTEGRAL DRIVER, 0-10V DIMMING	8000 NOMINAL LUMENS, 3500K LED, 80CRI	58 WATTS	FAIL-SAFE VAPORTITE LED, OR EQUIVALENT	
'E'	RECESSED 2X2 LED VOLUMETRIC TROFFER; NOMINAL 2FT WIDE BY 2FT LONG BY XIN TALL	COLD ROLLED STEEL	RIBBED FROSTED ACRYLIC LENS	RECESSED	WHITE	UL DAMP	INTEGRAL DRIVER, 0-10V DIMMING TO 1%	5500 NOMINAL LUMENS, 3500K LED, 90CRI	36.2 WATTS	METALUX CRUZE ST SERIES, OR EQUIVALENT	
'SA'	WALL MOUNTED ROUND LED SCONCE; NOMINAL 4IN DIAMETER APERTURE BY 5.75IN DEEP BY 4.5IN TALL	EXTRUDED ALUMINUM	NA	WALL MOUNTED @ 5'-6" AFF AS MEASURED TO THE BOTTOM OF THE LUMINAIRE	ANTHRACITE	UL WET	INTEGRAL DRIVER, NON-DIMMABLE	710 NOMINAL LUMENS, 3000K LED, 90CRI	10 WATTS	BRUCK LM-79, OR EQUIVALENT	
'SB'	WALL MOUNTED LED SCONCE; NOMINAL 11.5IN WIDE BY 7IN DEEP BY 9IN TALL, FORWARD THROW MEDIUM WITH VISUAL COMFORT OPTICS	DIE CAST ALUMINUM	ACRYLIC LENS	WALL MOUNTED @ 9'-3" AFF, UNLESS OTHERWISE NOTED	DARK BRONZE	UL DRY	INTEGRAL DRIVER, 0-10V DIMMING	2000 NOMINAL LUMENS, 3000K LED, 80CRI	18 WATTS	LITHONIA LIGHTING WDGE2 SERIES	
'SC'	GRADE MOUNTED ROUND LED BOLLARD; NOMINAL 8IN DIAMETER BY 40IN TALL	IMPACT-RESISTANT MARINE-GRADE ALUMINUM; DOME-TOP	NA	GRADE MOUNTED	MARINE-GRADE GRAY	IP 65	INTEGRAL DRIVER, 0-10V DIMMING	990 NOMINAL LUMENS, 3500K LED, 80CRI	41 WATTS	LIGMAN COLUMBUS 2 SERIES, OR EQUIVALENT	
'SD'	WALL MOUNTED LINEAR LED; NOMINAL 3.4IN WIDE BY 3.4IN TALL BY 26IN LONG, ASYMMETRIC DISTRIBUTION	EXTRUDED ALUMINUM	NA	HORIZONTAL WALL MOUNTED TO TOP OF KIOSK FACE	MATTE WHITE	IP 66	INTEGRAL DRIVER, 0-10V DIMMING TO 01%	722 NOMINAL LUMENS, 3500K LED, 80CRI	8 WATTS	SPI ECHO VELOCITY SERIES, OR EQUIVALENT	
'SE'	WALL MOUNTED IMPACT-RESISTANT ADJUSTABLE LED FLOODLIGHT; NOMINAL XIN DIAMETER APERTURE BY XIN WIDE BY XIN DEEP BY XIN TALL, 23 DEGREE DISTRIBUTION	MARINE-GRADE ALUMINUM	IMPACT-RESISTANT GLASS	WALL MOUNTED @ 1'-0" FROM BUILDING TOP	MARINE-GRADE DARK GRAY	IP 66	INTEGRAL DRIVER, 0-10V DIMMING	1688 NOMINAL LUMENS, 3500K LED, 80CRI	21 WATTS	LIGMAN ODESSA SERIES, OR EQUIVALENT	FOCUSED TO FLAG

NOTES:

1. THIS LUMINAIRE SCHEDULE IS NOT COMPLETE WITHOUT A COPY OF THE PROJECT MANUAL CONTAINING THE ELECTRICAL SPECIFICATIONS.
2. DIMMING CONTROL PROTOCOL (0-10VDC, LINE VOLTAGE, DALI, ETC.) COMPATIBLE WITH LIGHTING CONTROL SYSTEM AS SPECIFIED AND SHOWN ON DRAWINGS.
3. PROVIDE +/- 12 INCH ADJUSTABILITY IN AIRCRAFT CABLE LENGTH WHERE USED.
4. COORDINATE ALL CEILING TYPES WITH LUMINAIRE LOCATIONS PRIOR TO ORDERING LUMINAIRES. COORDINATE INSTALLATION WITH REFLECTED CEILING PLAN.
5. SPECIFIED MANUFACTURERS ARE APPROVED TO SUBMIT BID. INCLUSION DOES NOT RELIEVE MANUFACTURER FROM SUPPLYING PRODUCT AS DESCRIBED.
6. PROVIDE SUBMITTALS THAT INCLUDE THE LUMINAIRE, LAMP AND DIMMABLE LED DRIVER INFORMATION OF EACH LUMINAIRE, WITH APPLICABLE OPTIONS CLEARLY CHECKED OR HIGHLIGHTED. SUBMITTALS NOT INCLUDING THIS INFORMATION WILL BE RETURNED AS REJECTED BY THE ENGINEER OF RECORD.
7. PROVIDE FUNCTIONAL TESTING OF LIGHTING AND LIGHTING CONTROLS IN ACCORDANCE WITH THE 2021 OREGON ENERGY EFFICIENCY SPECIALY CODE (OEESC) FUNCTIONAL TESTING REQUIREMENTS

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WELCOME CENTER AND ENTRANCE IMPROVEMENTS

LUMINAIRE SCHEDULE - ELECTRICAL

E6.1

SCALE

PARKS FILE#

FEEDER SCHEDULE

Key

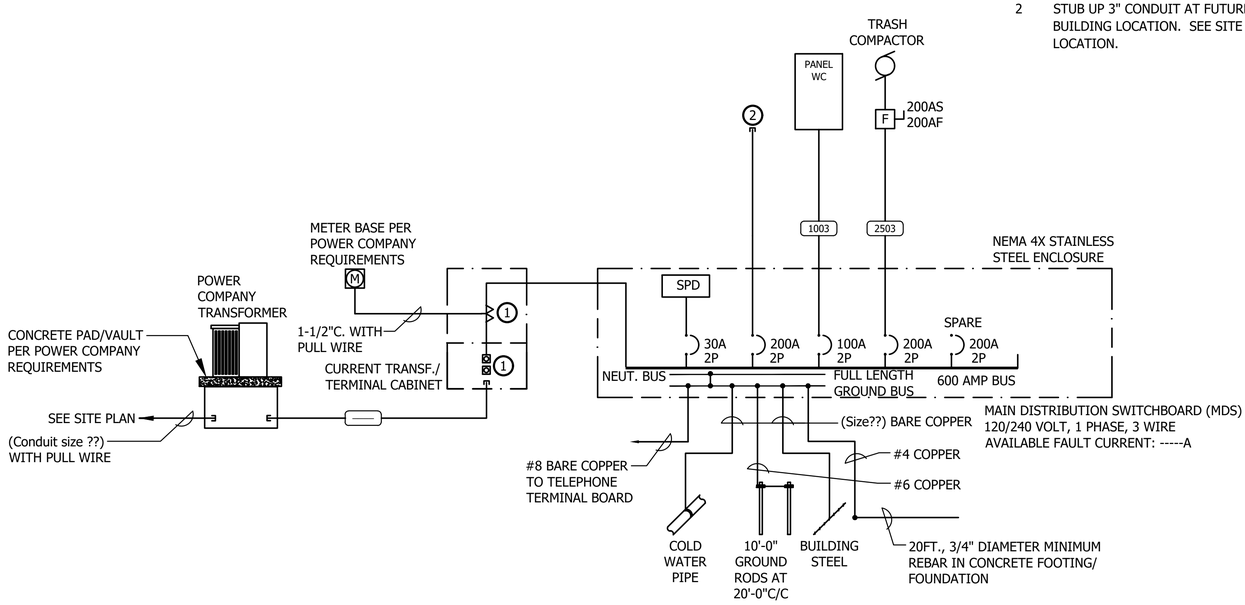
A, C, S, X — A = Aluminum
C = Conduit only
S = Service secondary
X = Separately derived system

1003	3 #2 CU, 1 #8 CU GND., IN 1-1/4" C.
2003	3 #3/0 CU, 1 #6 CU GND., IN 2" C.
2503	3 - 250 kcmil CU, 1 #4 CU GND., IN 2-1/2" C.
4003	2 SETS OF (3 #3/0 CU, 1 #2 CU GND., IN 2" C.)

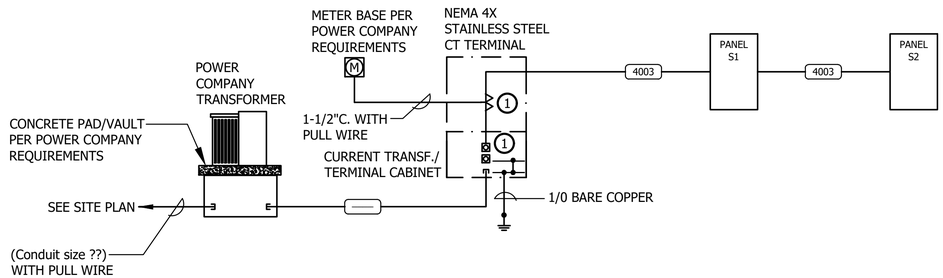
SHEET NOTES:

1 CURRENT TRANSFORMER/TERMINAL CABINET PER POWER COMPANY REQUIREMENTS.

2 STUB UP 3" CONDUIT AT FUTURE RESTROOM BUILDING LOCATION. SEE SITE PLAN FOR EXACT LOCATION.



WELCOME CENTER ONE LINE DIAGRAM



ADMIN/SHOP BUILDING ONE LINE DIAGRAM

CAD NO. X:\PDX\2021\2021-0985\CAD\Electrical\E6.2 ONE LINE DIAGRAMS - ELECTRICAL.dwg

NO.	REVISIONS	INT.	APP.	DATE

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MARK K. O'LEARY STATE OF WASHINGTON 56894 REGISTERED PROFESSIONAL ENGINEER

PROJECT ENGINEER

WASHINGTON STATE PARKS AND RECREATION COMMISSION

CAPE DISAPPOINTMENT STATE PARK

WELCOME CENTER AND ENTRANCE IMPROVEMENTS

ONE LINE DIAGRAM - ELECTRICAL

E6.2

SCALE

PARKS FILE#

Plotted: Feb 02, 2024 – 11:09am raymondc X:\PDX\2021\2021-0985\CAD\Electrical\E6.2 ONE LINE DIAGRAMS – ELECTRICAL.dwg Layout Name: E6.2 ONE LINE DIAGRAM – ELECTRICAL

201x-0xxx

Panel 'WC'

120/208V, 1Ph, 3W.; 225A Bus with Main Lug Only Surface Mounted Load Center with an Available Fault Current of 8145A RMS

Ckt. No.	Description / Location	Load (VA)	Type	C.B. A/Pole	Note	Ph.	Note	C.B. A/Pole	Load (VA)	Type	Description / Location	Ckt. No.
1	HP-W-1	1,680	M	15/2		A		20/1	460	R	R-EXTERIOR	2
3	---	1,680	M	-		C		20/1	540	R	R-DATA RACK	4
5	HP-W-2	1,680	M	15/2		A		20/1	360	R	R-STORAGE, RR	6
7	---	1,680	M	-		C		20/1	900	R	R-WORKROOM	8
9	EWH-W-1	750	H	15/1		A		20/1	900	R	R-WORKROOM	10
11	EF-W-1	400	M	15/1		C		20/1	720	R	R-LOBBY	12
13	EWH-1	4,000	H	50/2		A		20/1	540	R	R-LOBBY DESK	14
15	---	4,000	H	-		C		20/1			SPARE	16
17	L-VC	600	L	20/1		A		20/1			SPARE	18
19	L-EXTERIOR	100	L	20/1		C		20/1			SPARE	20
21	PUMP CONTROLLER	2,500	M	30/2		A		20/1			SPARE	22
23	---	2,500	M	-		C		20/1			SPARE	24
25	L-SITE	600	L	20/1		A		20/1			SPARE	26
27	SPARE			20/1		C		20/1			SPARE	28
29	SPARE			20/1		A					SPACE	30
31	SPARE			20/1		C					SPACE	32
33	SPARE			20/1		A					SPACE	34
35	SPARE			20/1		C					SPACE	36
37	SPARE			20/1		A					SPACE	38
39	SPARE			20/1		C					SPACE	40
41	SPARE			20/1		A					SPACE	42

Connected Load:	Ph. A	14,070 VA	117 Amps	Panel Connected Load:	26.6 KVA	127.8 Amps
				Sub-Fed Connected Load:	0.0 KVA	0.0 Amps
Connected Load:	Ph. C	12,520 VA	104 Amps	**Total Demand Load:**	28.2 **KVA**	135.4 **Amps**

Notes:
1.
2.
3.
4.
5.

Accessories:

201x-0xxx

Panel 'S1'

120/208V, 1Ph, 3W.; 400A Bus with 400A Main Circuit Breaker Surface Mounted Load Center with an Available Fault Current of 8145A RMS

Ckt. No.	Description / Location	Load (VA)	Type	C.B. A/Pole	Note	Ph.	Note	C.B. A/Pole	Load (VA)	Type	Description / Location	Ckt. No.
1	UA-A-1	5,000	H	60/2		A		20/1	1,080	R	R-SHOP	2
3	---	5,000	H	-		C		20/1	1,080	R	R-SHOP	4
5	EF-A-1	400	M	15/1		A		125/2	6,000	R	RV PEDESTAL	6
7	EWH-3	3,000	H	35/2		C		-	6,000	R	---	8
9	---	3,000	H	-		A		125/2	6,000	R	RV PEDESTAL	10
11	L-SHOP	400	L	20/1		C		-	6,000	R	---	12
13	R-WELDER	2,500	R	30/2		A		20/1	360	R	R-EXTERIOR	14
15	---	2,500	R	-		C		20/1			SPARE	16
17	L-EXTERIOR	100	L	20/1		A		20/1			SPARE	18
19	SPARE			20/1		C		20/1			SPARE	20
21	SPARE			20/1		A		20/1			SPARE	22
23	SPARE			20/1		C					SPACE	24
25	SPARE			20/1		A					SPACE	26
27	SPARE			20/1		C					SPACE	28
29	SPARE			20/1		A					SPACE	30
31	SPARE			20/1		C					SPACE	32
33	SPARE			20/1		A					SPACE	34
35	SPACE					C					SPACE	36
37	SPACE					A					SPACE	38
39	SPACE					C					SPACE	40
41	SPACE					A					SPACE	42

Connected Load:	Ph. A	24,440 VA	204 Amps	Panel Connected Load:	48.4 KVA	232.8 Amps
				Sub-Fed Connected Load:	28.8 KVA	138.3 Amps
Connected Load:	Ph. C	23,980 VA	200 Amps	**Total Demand Load:**	64.6 **KVA**	310.6 **Amps**

Notes:
1.
2.
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4.
5.

Accessories:
Provide Feed-Thru Lugs

MECHANICAL EQUIPMENT CONNECTION SCHEDULE

ITEM	DESCRIPTION	LOCATION	VOLTS / PHASE	LOAD	MCA	MOCP	WIRE / CONDUIT	CIRCUIT	NOTES
FC-A-1	FAN COIL	ADMIN-SHOP	240/1		2.5	15	203	S2-1,3.	
FC-W-1	FAN COIL UNIT	WELCOME CENTER	240/1				203		1
FC-W-2	FAN COIL UNIT	WELCOME CENTER	240/1				203		1
HP-A-1	CONDENSING UNIT	ADMIN SHOP BUILDING	240/1		26	40	403	S2-5,7.	
HP-W-1	CONDENSING UNIT	102 - OFFICE	240/1		14	15	203	WC-1,3.	
HP-W-2	CONDENSING UNIT	100 - LOBBY/REG	240/1		14	15	203	WC-5,7.	
EDH-1	ELECTRIC DUCT HEATER	FC-1	120/1	7.0 KW		60	602	S2-9.	
EWH-A-1	ELECTRIC WALL HEATER	004-RESTROOM	120/1	0.8 KW		15	202	S2-11.	
EWH-A-2	ELECTRIC WALL HEATER	003-MECH STORAGE	120/1	0.8 KW		15	202	S2-13.	
UH-A-1	UNIT HEATER	005-SHOP	240/1	10.0 KW		60	602	S1-1,3.	
EWH-W-1	ELECTRIC WALL HEATER	103-RESTROOM	120/1	0.8 KW		15	202	WC-9.	
EF-A-1	EXHAUST FAN	009-SHOP	120/1	0.3 HP		15	202	S1-5.	
EF-A-2	EXHAUST FAN	002, 003	120/1	0.3		15	202	S2-15.	
EF-W-1	EXHAUST FAN	103-RESTROOM	120/1	0.3		15	202	WC-11.	
EWH-1	ELECTRIC WATER HEATER	WELCOME CENTER	240/1	8.0 kw		50	502	WC-13,15.	
EWH-2	ELECTRIC WATER HEATER	ADMIN DWH SYSTEM	240/1	6.0 kw		35	402	S2-17,19.	
EWH-3	ELECTRIC WATER HEATER	SHOP DWH SYSTEM	240/1	6.0 kw		35	402	S1-7,9.	

GENERAL MECHANICAL EQUIPMENT CONNECTION SCHEDULE NOTES

A. THE ABOVE INFORMATION IS FOR A SPECIFIC MANUFACTURER. ACTUAL MANUFACTURER FOR EQUIPMENT MAY BE DIFFERENT. COORDINATE WITH MECHANICAL EQUIPMENT SUBMITTALS FOR LOADS AND OVER CURRENT PROTECTION REQUIREMENTS PRIOR TO INSTALLATION OF WIRING.

B. MOCP = MAXIMUM OVER CURRENT PROTECTION
MCA = MINIMUM CIRCUIT AMPACITY

C. PROVIDE DISCONNECTING MEANS FOR EACH ITEM OF EQUIPMENT LISTED IN THE SCHEDULE ABOVE, EXCEPT AS SPECIFICALLY NOTED OTHERWISE IN SCHEDULE NOTES, BELOW.

MECHANICAL EQUIPMENT CONNECTION SCHEDULE NOTES

1 OUTDOOR UNIT TO PROVIDE POWER FOR INDOOR UNIT. PROVIDE FEEDER.
2

WIRE / CONDUIT SCHEDULE

202 2 #12 CU, 1 #12 CU GND., IN 3/4" C.
203 3 #12 CU, 1 #12 CU GND., IN 3/4" C.
402 2 #8 CU, 1 #10 CU GND., IN 3/4" C.
502 2 #6 CU, 1 #10 CU GND., IN 3/4" C.
602 2 #4 CU, 1 #10 CU GND., IN 1" C.

201x-0xxx

Panel 'S2'

120/208V, 1Ph, 3W.; 400A Bus with Main Lug Only Surface Mounted Load Center with an Available Fault Current of 8145A RMS

Ckt. No.	Description / Location	Load (VA)	Type	C.B. A/Pole	Note	Ph.	Note	C.B. A/Pole	Load (VA)	Type	Description / Location	Ckt. No.
1	FC-A-1	300	M	15/2		A		20/1	180	R	R-EXTERIOR	2
3	---	300	M	-		C		20/1	720	R	R-OFFICE	4
5	HP-A-1	3,120	M	40/2		A		20/1	720	R	R-OFFICE	6
7	---	3,120	M	-		C		20/1	720	R	R-OFFICE	8
9	EDH-1	7,000	H	60/1		A		20/1	720	R	R-OFFICE	10
11	EWH-A-1	750	H	15/1		C		20/1	720	R	R-BREAK ROOM	12
13	EWH-A-2	750	H	15/1		A		20/1	720	R	R-BREAK ROOM	14
15	EF-A-2	400	M	15/1		C		20/1	720	R	R-BREAK ROOM	16
17	EWH-2	3,000	H	35/2		A		20/1	720	R	R-BREAK ROOM	18
19	---	3,000	H	-		C			540	R	R-DATA RACK	20
21	L- OFFICES		L	20/1		A			540	R	R-RESTROOM, HALL, MECH ROOM	22
23	L-BREAKROOM, HALL		L	20/1		C					SPACE	24
25	L-EXTERIOR		L	20/1		A					SPACE	26
27	SPARE			20/1		C					SPACE	28
29	SPARE			20/1		A					SPACE	30
31	SPARE			20/1		C					SPACE	32
33	SPARE			20/1		A					SPACE	34
35	SPARE			20/1		C					SPACE	36
37	SPARE			20/1		A					SPACE	38
39	SPARE			20/1		C					SPACE	40
41	SPARE			20/1		A					SPACE	42

Connected Load:	Ph. A	17,770 VA	148 Amps	Panel Connected Load:	28.8 KVA	138.3 Amps
				Sub-Fed Connected Load:	0.0 KVA	0.0 Amps
Connected Load:	Ph. C	10,990 VA	92 Amps	**Total Demand Load:**	30.3 **KVA**	145.8 **Amps**

Notes:
1.
2.
3.
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5.

Accessories:

CAD NO. X:\PDX\2021\2021-0985\CAD\Electrical\E6.3 SCHEDULES - ELECTRICAL.dwg

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MARK K. O'LEARY
STATE OF WASHINGTON
20894
REGISTERED
PROFESSIONAL ENGINEER

PROJECT ENGINEER

WASHINGTON STATE PARKS AND RECREATION COMMISSION

CAPE DISAPPOINTMENT STATE PARK

WELCOME CENTER AND ENTRANCE IMPROVEMENTS

SCHEDULES - ELECTRICAL

E6.3

SCALE

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WASHINGTON STATE PARKS & RECREATION COMMISSION

LAURIE CONNELLY, CHAIR

SOPHIA DANENBERG — HOLLY WILLIAMS

ALI RAAD — MICHAEL LATIMER

SCOTT MERRIMAN — ALFIE ALVARADO-RAMOS

DIANA DUPUIS, DIRECTOR

APPROVED FOR CONSTRUCTION

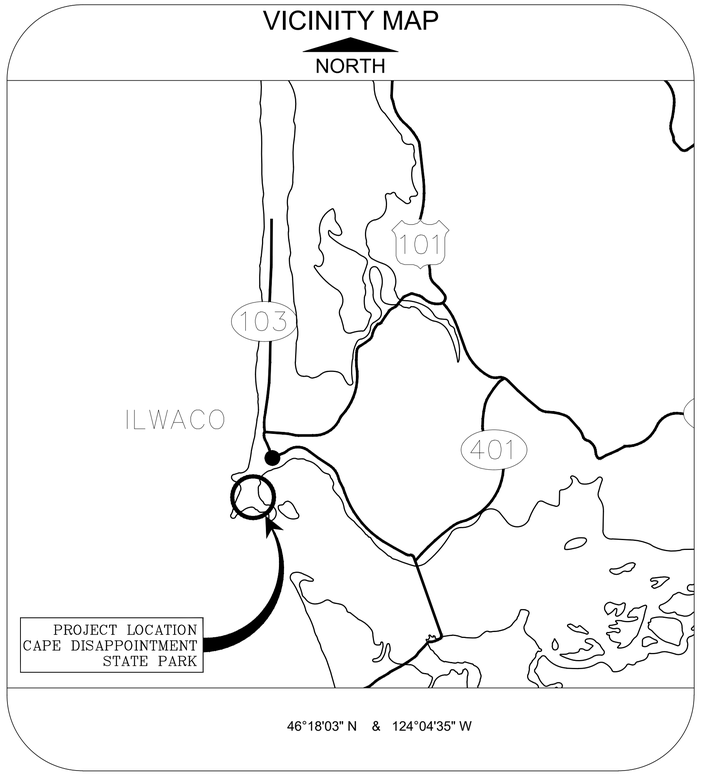
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CAPITAL PROGRAM MANAGER *date*

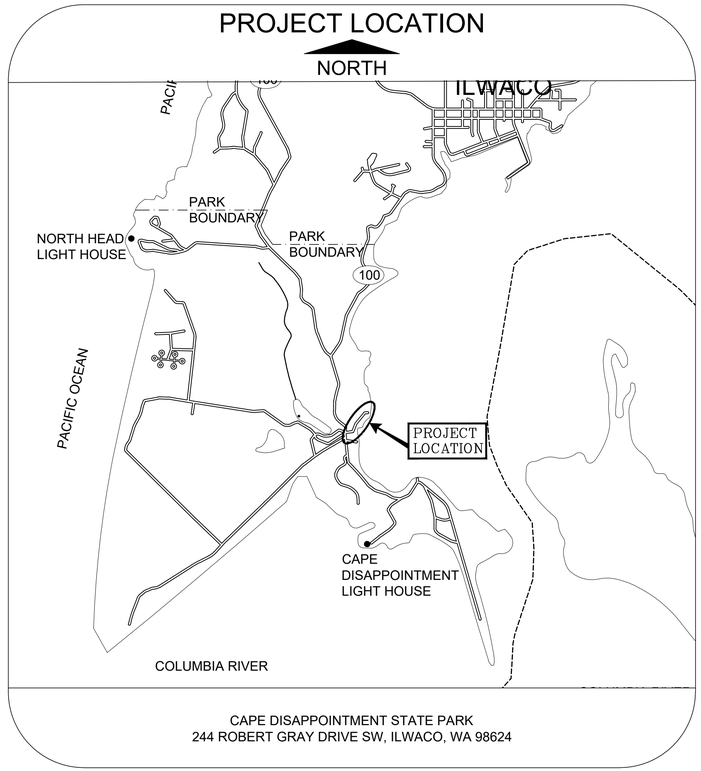
AREA MANAGER: EVAN ROBERTS

CAPE DISAPPOINTMENT STATE PARK

THREE WATERS TRAIL - East Side



46°18'03" N & 124°04'35" W



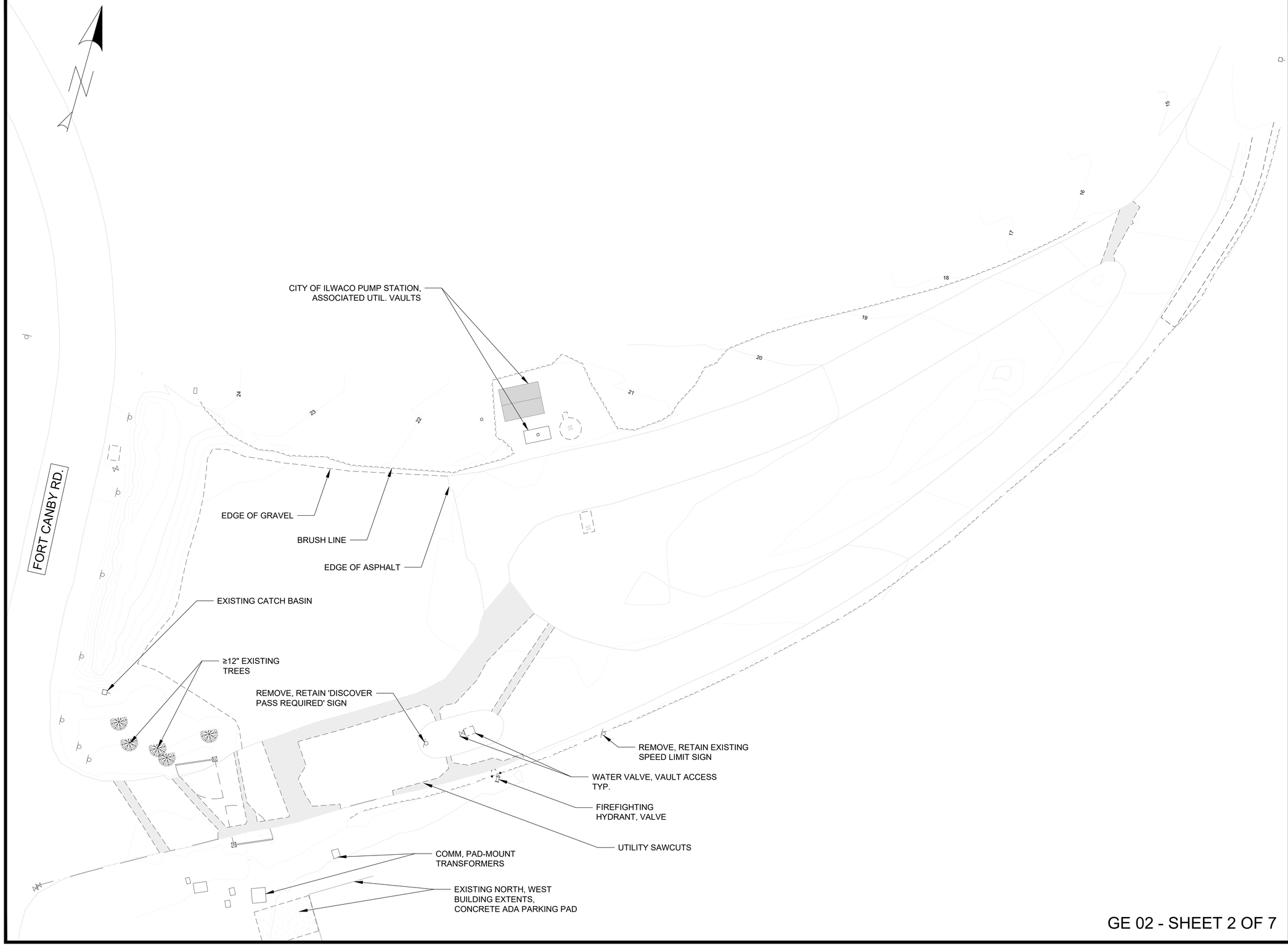
CAPE DISAPPOINTMENT STATE PARK
244 ROBERT GRAY DRIVE SW, ILWACO, WA 98624

INDEX

SHEET	DESCRIPTION
GENERAL (GE)	
GE 01	COVER SHEET
GE 02	EXISTING SITE
GE 03	PROPOSED SITE
GE 04	SIGNAGE PLAN
DETAIL (DT)	
DT 01	ROAD SECTIONS
DT 02	ROAD SECTIONS
~~LANDSCAPING (LS)~~	
~~LS 01~~	~~LANDSCAPING PLAN~~
SIGNAGE (SGN)	
SGN 01	SIGNAGE PLAN
APPENDICES (APP)	
APP 01	CROSSWALK SITE

* - STRIKETHROUGH INDICATES SHEETS NOT INCLUDED IN SET.

CAD#: C140-2023-SW-10 SPEC#



GE 02 - SHEET 2 OF 7

CAD NO. C140-2023-SW-10

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DANIEL R. BUDSBERG
STATE OF WASHINGTON
34371
REGISTERED
PROFESSIONAL ENGINEER

REGISTERED STAMP

WASHINGTON STATE PARKS AND RECREATION COMMISSION

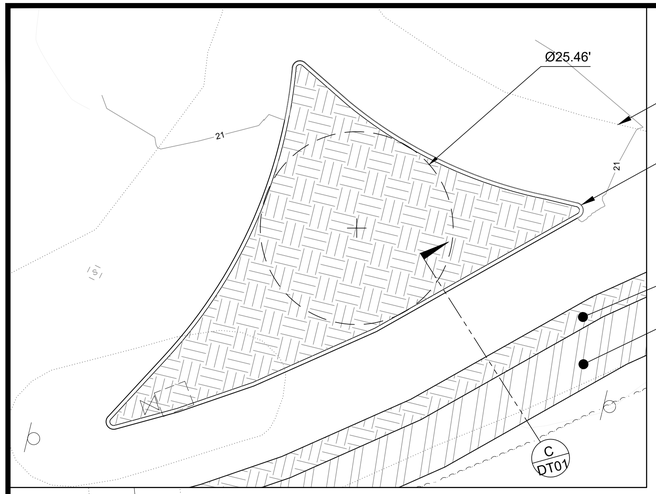
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THREE WATERS TRAIL

EXISTING SITE

SCALE
.

PARKS FILE#



B - ENLARGED PLAN

0 10 20 Feet

B DT02 TOPSOIL PLACED, LEVELED WITH EXISTING ROAD WITHIN MEDIAN

A DT01 ASPHALT CUT, REMOVED FROM INDICATED AREA TO PROPOSED EXTENTS, RE-VEGETATE AREA

FORT CANBY RD.

EXISTING CATCH BASIN TO REMAIN

200LB BOULDERS PLACED ADJACENT TO SIDEWALK

REMOVE UPPER CONCRETE VAULT EXTENSION, SAND FILL

TRAFFIC ISLAND

EXISTING RAISED ISLAND, CONCRETE CURBING REMOVED. WATER METER VAULT ADJUSTED TO NEW FINISH ELEVATION

WATER VALVE VAULT ADJUSTED TO NEW FINISH ELEVATION

ASPHALT CUT, REMOVED FROM INDICATED AREA TO PROPOSED EXTENTS

3' OYSTER SHELL CONCRETE ADA SIDEWALK A DT02

3' VEGETATED MEDIAN

7' OYSTER-SHELL CONCRETE SIDEWALK, UTILIZES EXISTING ROAD PRISM

A - SITE PLAN PROPOSED

0 20 40 Feet

GE 03 - SHEET 3 OF 7

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DANIEL R. BUDSBERG STATE OF WASHINGTON 34371 REGISTERED PROFESSIONAL ENGINEER

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WASHINGTON STATE PARKS AND RECREATION COMMISSION

CAPE DISAPPOINTMENT STATE PARK

THREE WATERS TRAIL

PROPOSED SITE

SCALE AS NOTED

PARKS FILE#

FORT CANBY RD.

DT03 S2 TRAFFIC SIGNAGE

MARKED LANE BOUNDARIES

MARKED TRAFFIC DIRECTIONAL ARROW, STOP BAR TYP.

RELOCATED SPEED LIMIT SIGN

RELOCATED 'DISCOVER PASS REQUIRED' SIGN

TRAFFIC SIGNAGE DT03 S1

TRAFFIC SIGNAGE DT03 S4

TRAFFIC SIGNAGE DT03 S3

A - SITE PLAN PROPOSED

GE 04 - SHEET 4 OF 7

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WASHINGTON STATE PARKS AND RECREATION COMMISSION

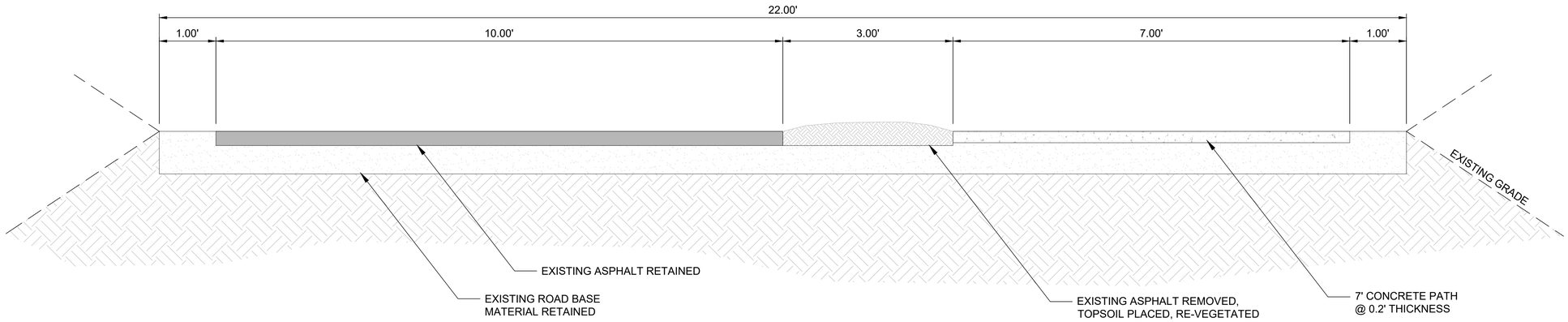
CAPE DISAPPOINTMENT STATE PARK

THREE WATERS TRAIL

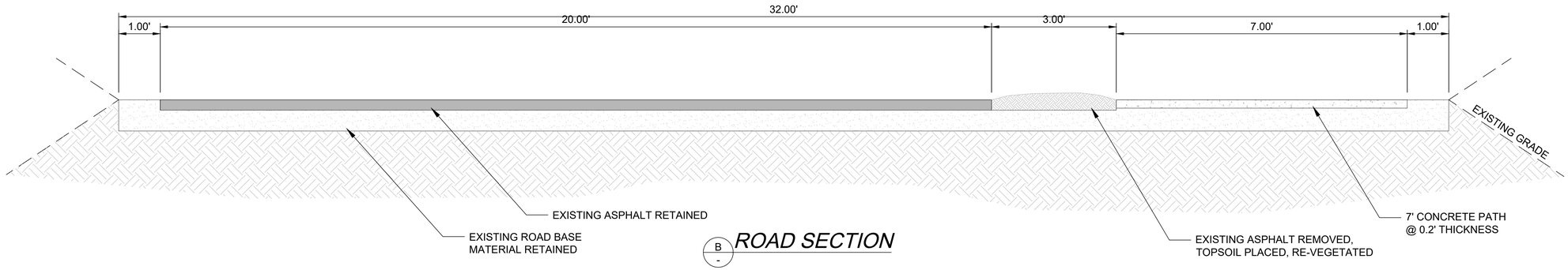
SIGNAGE PLAN

SCALE 0 20 40 Feet

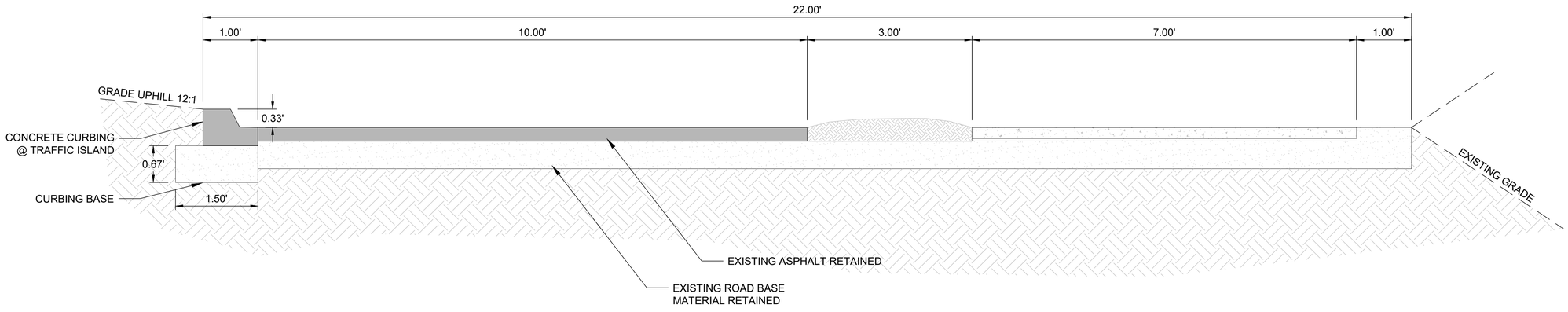
PARKS FILE#



A
-
ROAD SECTION



B
-
ROAD SECTION



C
-
ROAD SECTION

DT 01 - SHEET 5 OF 7

CAD NO. C140-2023-SW-10

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DANIEL R. BUDSBERG
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PROFESSIONAL ENGINEER

REGISTERED STAMP

WASHINGTON STATE PARKS AND RECREATION COMMISSION

CAPE DISAPPOINTMENT STATE PARK

THREE WATERS TRAIL

ROAD SECTIONS

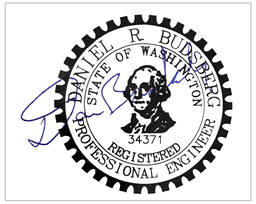
SCALE
NTS

PARKS FILE#

CAD NO. C140-2023-SW-10

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REGISTERED STAMP

WASHINGTON STATE PARKS AND RECREATION COMMISSION

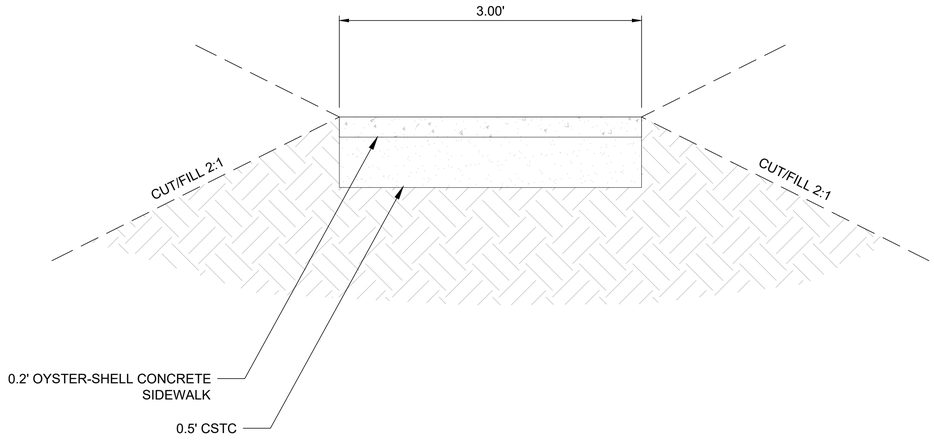
CAPE DISAPPOINTMENT STATE PARK

THREE WATERS TRAIL

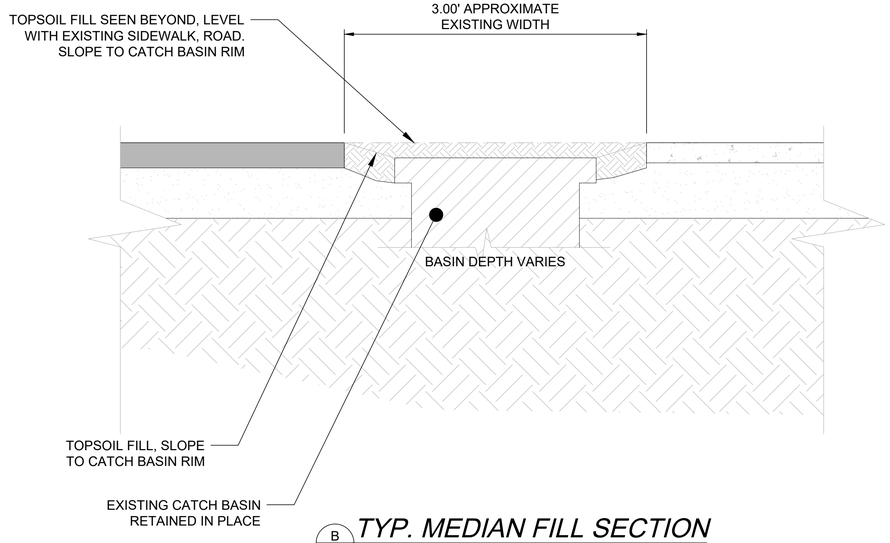
ROAD SECTIONS

SCALE NTS

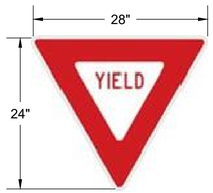
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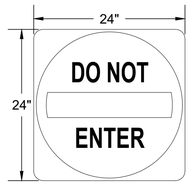
A - *ADA SIDEWALK*



B - *TYP. MEDIAN FILL SECTION*



S1



S2

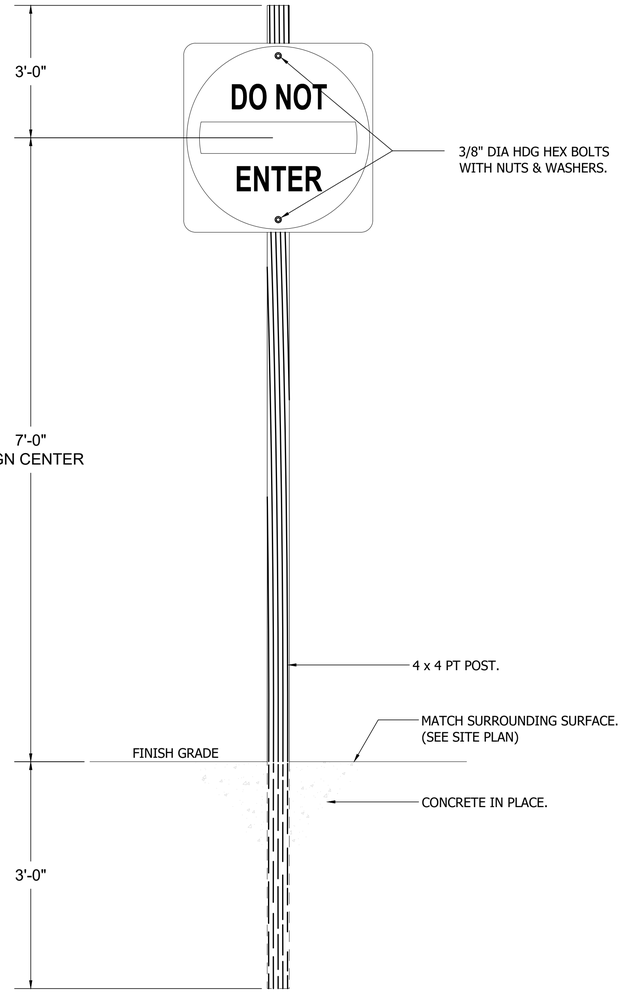


S3

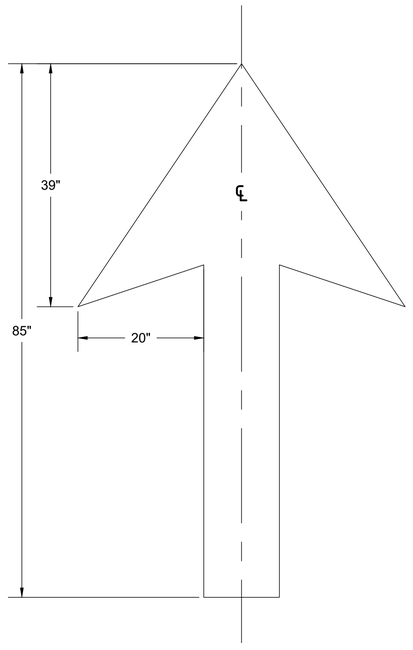


S4

TRAFFIC SIGNAGE



A
-
TYPICAL SIGNPOST



B
-
DIR. ARROW (STRAIGHT)

CAD NO. C140-2023-SW-10

REVISIONS	INT.	APP.	DATE

ACTION	BY	DATE
DESIGNED		
DRAWN	PZ	8-31-23
CHECKED (FIELD)		
CHECKED (HDQTS.)		



REGISTERED STAMP

WASHINGTON STATE PARKS AND RECREATION COMMISSION

CAPE DISAPPOINTMENT STATE PARK

THREE WATERS TRAIL

TRAFFIC SIGNAGE

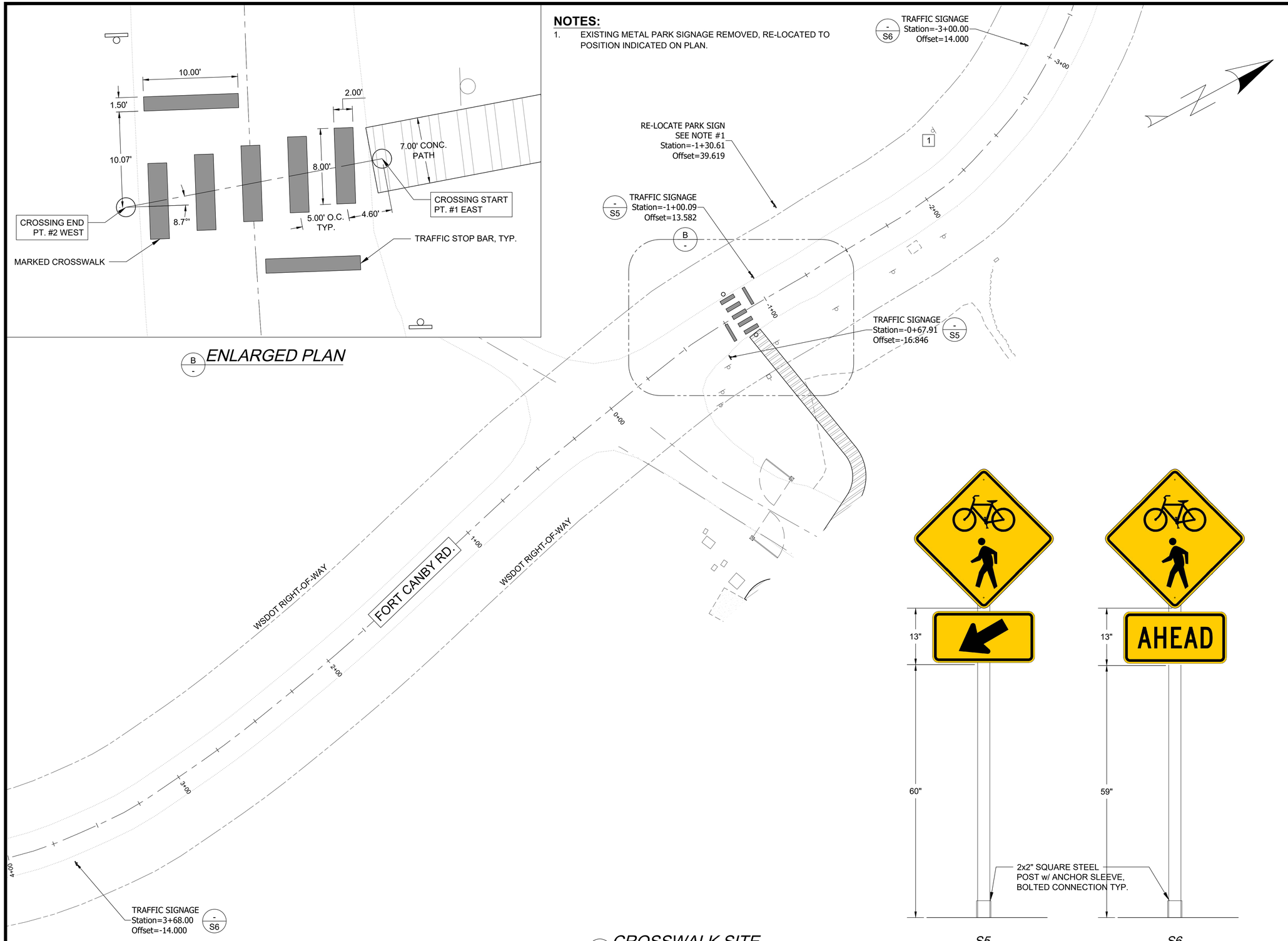
SCALE
NTS

PARKS FILE#

NOTES:

1. EXISTING METAL PARK SIGNAGE REMOVED, RE-LOCATED TO POSITION INDICATED ON PLAN.

B - *ENLARGED PLAN*



A - *CROSSWALK SITE*

S5 *S6*

APP 01 - SHEET 1 OF 1

CAD NO. C140-2023-SW-10

NO.	REVISIONS	INT.	APP.	DATE

ACTION	BY	DATE
DESIGNED		
DRAWN	PZ	8-31-23
CHECKED (FIELD)		
CHECKED (HDQTS.)		

DANIEL R. BUDSBERG
STATE OF WASHINGTON
34371
REGISTERED PROFESSIONAL ENGINEER

REGISTERED STAMP

WASHINGTON STATE PARKS AND RECREATION COMMISSION

CAPE DISAPPOINTMENT STATE PARK

THREE WATERS TRAIL

CROSSWALK SITE

SCALE
AS NOTED

PARKS FILE#