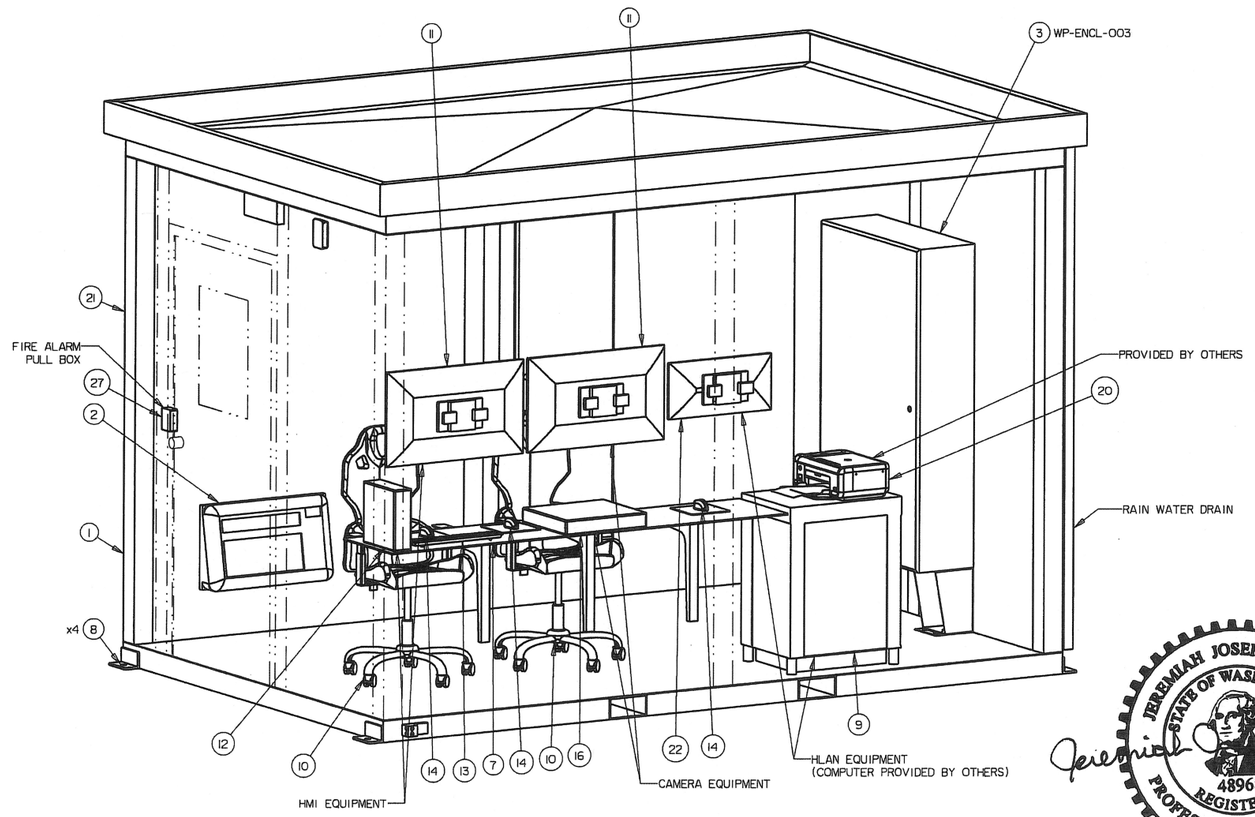
INTERFACE CONTROL

TP-#	DESCRIPTION	CONNECTION TYPE	MATERIAL	REFERENCE
TP-1	CONTROL ENCLOSURE FIRE SUPPRESSION (FROM ANCILLARY ENCLOSURE)	3/4" FLANGE, CLASS 300, RF	304/304L S.S.	DRW. H-14-111275
TP-2	POR668-WP-DS-001 (FROM POR656-WP-DP-001, CB-14)	250 KCMIL - 6AWG TERMINAL LUG	AL	DRW. H-14-030057
TP-3	POR668-WP-DS-001 (TO POR668-WP-XFMR-001)	250 KCMIL - 6AWG TERMINAL LUG	AL	DRW. H-14-030057
TP-4	IPOR668-WP-DP-003, MAIN BREAKER (FROM POR668-WP-XFMR-001)	CIRCUIT BREAKER LUG	AL	DRW. H-14-030057
TP-5	POR668-WP-DP-003, CB-1 (TO POR655-WP-DP-004, MAIN BREAKER)	CIRCUIT BREAKER LUG	AL	DRW. H-14-030057
TP-6	POR668-WP-DP-003, CB-2 (TO POR655-WP-DP-005, MAIN BREAKER)	CIRCUIT BREAKER LUG	AL	DRW. H-14-030057
TP-7	POR668-WP-DP-003, CB-7 (TO POR656-WP-DP-006, MAIN BREAKER)	CIRCUIT BREAKER LUG	AL	DRW. H-14-030057
TP-8	POR668-WP-TBX-031 (FROM POR655-WP-ENCL-001)	RJ-45 COUPLING AND SPRING CLAMP TERMINAL BLOCK	GLASS FILLED POLYESTER & NICKEL	DRW. H-14-111294
TP-9	POR668-WP-TBX-031 (TO POR655-WP-TBX-032)	RJ-45 COUPLING AND SPRING CLAMP TERMINAL BLOCK	GLASS FILLED POLYESTER & NICKEL	DRW. H-14-111294
TP-10	POR668-WP-TBX-031 (FROM POR655-WP-TBX-033)	RJ-45 COUPLING AND SPRING CLAMP TERMINAL BLOCK	GLASS FILLED POLYESTER & NICKEL	DRW. H-14-111294
TP-11	POR668-WP-TBX-030 (TO POR655-WP-ENCL-001)	FIBER OPTIC COUPLING, LC TO LC, AND SPRING CLAMP TERMINAL BLOCK	PBT	DRW. H-14-111294
TP-12	POR668-WP-TBX-030 (FROM WRPS TFLAN)	FIBER OPTIC COUPLING, LC TO LC, AND SPRING CLAMP TERMINAL BLOCK	PBT	DRW. H-14-111294
TP-13	FIRE PROTECTION LB PULL BOX (WP-PB-021) (FROM ANCILLARY ENCLOSURE)	CONDUIT/CABLE PULL THROUGH	AL	BY OTHERS

NOTE:
1. LIFTING WEIGHT: 7100.00 LBS
   EMPTY/OPERATING WEIGHT: 7400.00 LBS
2. LIFTING COG: X - 73"
   Y- 52-3/8"
   Z-51-1/4"
   EMPTY/OPERATING COG: X - 72-3/4"
   Y - 52-1/8"
   Z - 52-1/2"
3. ENCLOSURE TO BE LIFTED WITH FORK LIFT POCKETS ONLY
4. GROUNDING LUGS NOT TO BE PAINTED



ISOMETRIC VIEW
(FRONT AND LEFT WALL
SHOWN TRANSPARENT)

PARTS/MATERIAL LIST

QTY REQD -010	PART/DASH NUMBER	NOMENCLATURE/DESCRIPTION	MATERIAL/REFERENCE	SHEET	ITEM NO.
X	-010	GENERAL ARRANGEMENT CONTROL ENCLOSURE EQUIPMENT LAYOUT	-	1,2	1
1	AJEQ12DCF	HEAT/COOL ROOM AIR CONDITIONER, 15-5/8"H X 26"W X 21-13/16"D, 230/208 VOLT	GENERAL ELECTRIC	1	2
1	CSD6036I2 AFK1208	CONTROL PANEL, TWO DOOR STEEL ENCLOSURE, 60"H X 36"W X 12"D, TYPE 4 AND 12, W/ MOUNTING BRACKET KIT & FEET	HOFFMAN	1	3
1	HCM3273WPSSUL	480 POWER DISTRIBUTION PANEL, 1-LINE PANELBOARD, 73" H X 32" W X 8-1/4" D, NEMA 4X, 600A, 304 S.S.	SCHNEIDER ELECTRIC	2	4
1	MH62WP	NQNF, ENCLOSURE BOX, TYPE 3R/5/12, 20" X 62" X 6-1/2", W/ SURFACE MOUNTING KIT	SCHNEIDER ELECTRIC	2	5
1	HU363DS	120 VAC NON-FUSIBLE DISCONNECT SWITCH, SINGLE THROW SAFETY SWITCH, 100A, NEMA 4X, SURFACE MOUNTING, 304 S.S.	SCHNEIDER ELECTRIC	2	6
1	-	WALL MOUNTED TABLE, 18"W X 84"L. W/ MOUNTING KIT	COMMERCIAL	1	7
4	-	ANCHORING CLIP, ANGLE IRON, 3" X 3" X 6" X 3/8" THK., C.S.	PROVIDED BY OTHERS	1	8
1	00405631	NETWORKING CABINET WITH SHELVES, 15U, 31"H X 23-1/2"W X 18"D, 130 LBS	NAVEPOINT	1	9
2	-	STANDARD ERGONOMIC OFFICE CHAIR	COMMERCIAL	1	10
2	-	32" MONITOR, W/ WALL MOUNTING KIT	COMMERCIAL	1	11
1	OPTIPLEX 3050	CP, OPTIPLEX 3050 SMALL FORM FACTOR, INTEL CORE I5-7500, 16GB 2x8GB DDR4 2400MHz MEMORY, 3.5" 1TB 7200RPM HARD DISK DRIVE	DELL	1	12
1	-	STANDARD OFFICE COMPUTER KEYBOARD	COMMERCIAL	1	13
3	-	STANDARD OFFICE COMPUTER MOUSE, W/ MOUSE PAD	COMMERCIAL	1	14
-	-	OMITTED	-	-	15
1	NR800 NVR	NETWORK VIDEO RECORDER, 32 CHANNEL, DIGITAL 2K SECURITY	LOREX	1	16
-	-	OMITTED	-	-	17
2	AI4086CHNF	NETWORK CONNECTION PANEL, CONTINUOUS HINGE W/ CLAMPS, 14"H X 8"W X 6"D, TYPE 4 AND 12, W/ MOUNTING BRACKET KIT	HOFFMAN	2	18
1	DALB-5-CG	LB PULL BOX, CONDUIT/CABLE PULL THROUGH, 1-1/2" NPT, CAST SERIES A TYPE LB, THREADED, ALUMINUM	GRAYBAR	2	19
1	-	STANTARD DESKTOP PRINTER	PROVIDED BY OTHERS	1	20
1	-	ENCLOSURE, 8'-8"H X 8'-6"W X 12'-6"L, 5500 LBS, GAL. STEEL OUTER BASE SUPPORT FRAME TO BE 4" X 4" X 14GA TUBESTEEL	PAR-KUT INTERNATIONAL, INC	1	21
1	-	24" MONITOR, W/ WALL MOUNTING KIT	COMMERCIAL	1	22
2	FSP-951 B300-6	SMOKE DETECTOR, W/ MOUNTNG BASE, INTELLIGENT PHOTO DETECTOR, W/ FLASHSCAN, WHITE	REDHAWK FIRE & SECURITY (BY HONEWELL)	2	23
2	SHARK4-36NW/DIO/E2	LINEAR LED LIGHTINGS, 4 FT LG., 36 W, 4000 KELVIN, NEMA 4X	RAB LIGHTING	2	24
1	P2RL	FIRE ALARM STROBE AND HORN, 2W RED WALL	NOTIFIER (BY HONEYWELL)	2	25
1	K2A26U	GROUNDING LUG, 2 HOLE, ALUMINUM	BURNDY	1	26
1	NGB-12LX	ADDRESSABLE PULL STATION, WITH FLASHSCAN	NOTIFIER (BY HONEYWELL)	1	27

JEREMIAH JOSEPH ROGERS
STATE OF WASHINGTON
48968
REGISTERED
PROFESSIONAL ENGINEER
8/27/19

AVANTech INCORPORATED

	.X	.XX	.XXX
LINEAR TOLERANCE	±1/8	±	±
ANGULAR TOLERANCE	±1°0'	±	±
MATERIAL	AS SPEC'D		
SURFACE FINISH	N/A		
SURFACE TREAT	N/A		

AVANTECH PROJECT NO.: 18-13

DWG NUMBER	TITLE
H-14-111243	GENERAL ARRANGEMENT TSCR EQUIPMENT LAYOUT

DRAWING TRACEABILITY LIST

REF NUMBER	TITLE
RPP-SPEC-61910	SPECIFICATION FOR THE TSCR DEMONSTRATION PROJECT

REFERENCES

NEXT USED ON

REV NO.	DESCRIPTION	ORIG	CHK	APVD	IDV	DATE
3	REMOVED FIRE SUPPRESSION PANELS AND MOVED PANEL WB-TBX-031	RC	CS	CH	-	8/26/19

REVISIONS

BLDG. NO. POR668

INDEX NO. 1000

CAUTION
NOT COMPLETE WITHOUT CURRENT CHANGE DOCUMENTS FROM DATABASE

ATTENTION
DESTROY THIS DOCUMENT BY SHREDDING MAY CONTAIN SENSITIVE INFORMATION

NAME	DATE/ COMPANY
DRAWN BY	N/A AVT
DRAFTING APPROVAL	N/A AVT
DISCIPLINE ENGINEER	N/A AVT
DESIGN AUTHORITY	N/A AVT

U.S. DEPARTMENT OF ENERGY
OFFICE OF RIVER PROTECTION

GENERAL ARRANGEMENT CONTROL ENCLOSURE EQUIPMENT LAYOUT

SIZE D | DRAWING NUMBER H-14-111246 | SHEET 1 | REV 3

SCALE: NONE

PLOTID