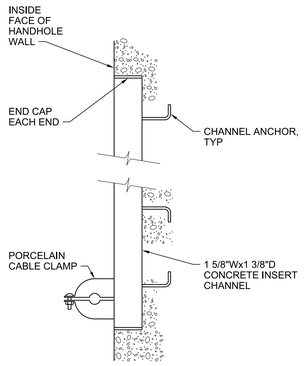
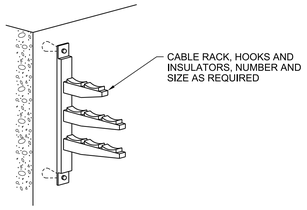


NOTES:
1. ALL COMPONENTS TO BE OF SAME MANUFACTURER.

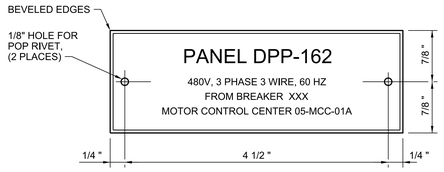
CABLE SUPPORT BRACKET
NTS

2605-447



CABLE RACK
NTS

2605-448



TOP ROW: 3/8 " LETTERS
OTHER ROWS: 1/8 " LETTERS
1/4 " SPACING BETWEEN FIRST 2 ROWS
1/8 " SPACING BETWEEN OTHER ROWS

COLOR SCHEDULE		
PANEL TYPE	BACKGROUND	LETTERING
208/120 VOLT, 60 HZ	WHITE	BLACK
480 VOLT, 60 HZ	WHITE	BLACK

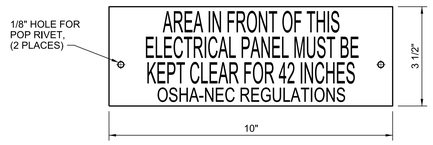
REQUIRED DATA

FIRST LINE: PANEL DESIGNATION
SECOND LINE: PHASE, VOLTAGE, FREQUENCY
THIRD AND FOURTH LINES: POWER SOURCE AND BREAKER

XXX = BASED ON FINAL DESIGN SHOP DRAWING

PANELBOARD NAMEPLATE
NTS

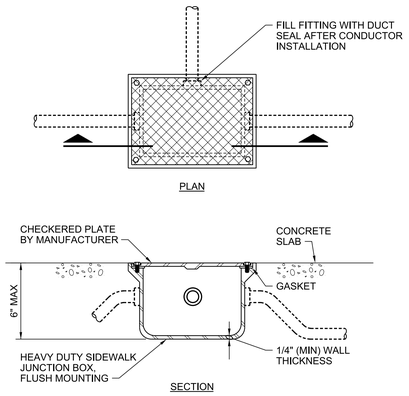
2605-500



TOP 3 ROWS: 3/4 " LETTERS
BOTTOM ROW: 1/2 " LETTERS
BLACK LETTERING ON WHITE BACKGROUND

OSHA/NEC PLACARD
NTS

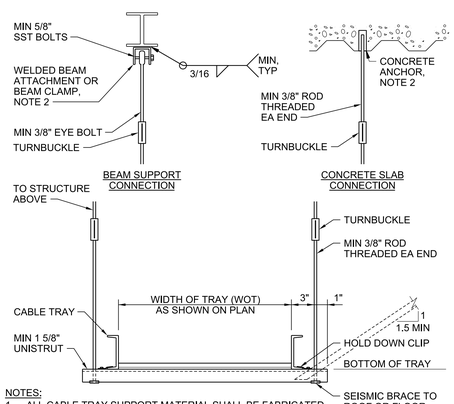
2605-501



NOTES:
1. ALL JUNCTION BOXES IN CONCRETE SLABS SHALL BE INSTALLED IN ACCORDANCE WITH THIS DETAIL.
2. LOCATE AND SPACE IN-SLAB CONDUITS AS SPECIFIED.

DEVICE MOUNTING, FLUSH JUNCTION BOX IN CONCRETE SLAB
NTS

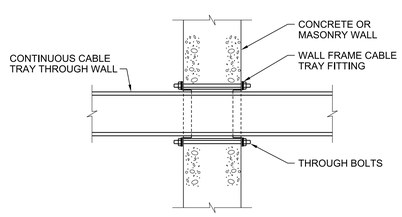
2605-603



NOTES:
1. ALL CABLE TRAY SUPPORT MATERIAL SHALL BE FABRICATED FROM HOT DIP GALVANIZED STEEL. REPAIR ALL DAMAGED COATING AS PER SPECIFICATIONS.
2. DETERMINE SPAN AND TYPE OF SUPPORTS, LOCATE SUPPORTS, AND SIZE SUPPORT RODS, CONNECTIONS AND BRACES PER MANUFACTURERS RECOMMENDATIONS AND SEISMIC REQUIREMENTS.
3. USE STAINLESS STEEL HARDWARE IN WET OR CORROSIVE AREAS.

CABLE TRAY SUPPORT
NTS

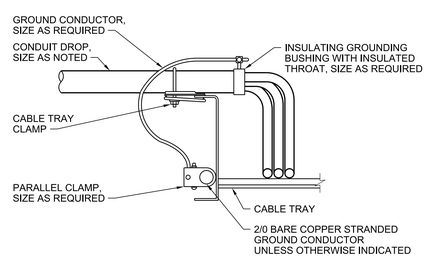
2605-700



NOTES:
1. SEAL OPENING IN AND AROUND CABLE TRAY WITH KBS-SEALBAGS OR EQUAL.

CABLE TRAY WALL PENETRATION
NTS

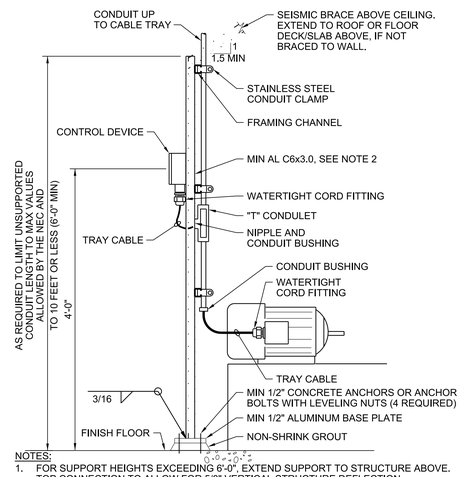
2605-701



NOTES:
1. FASTENING HARDWARE IN TRAY SHALL BE ROUNDED AND HAVE NO SHARP CORNERS.

CONDUIT DROP INTO CABLE TRAY
NTS

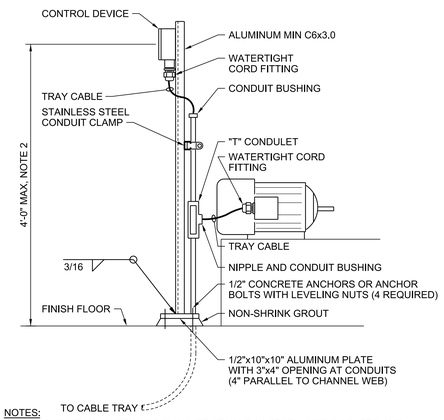
2605-702



NOTES:
1. FOR SUPPORT HEIGHTS EXCEEDING 6'-0", EXTEND SUPPORT TO STRUCTURE ABOVE. TOP CONNECTION TO ALLOW FOR 5/8" VERTICAL STRUCTURE DEFLECTION.
2. SIZE SUPPORT POST, TOP BRACE(S) AND CONNECTIONS FOR VERTICAL AND LATERAL LOADS.

OVERHEAD FEED FROM CABLE TRAY
NTS

2605-703



NOTES:
1. ALL MOUNTING HARDWARE SHALL BE STAINLESS STEEL. USE WASHERS AND SPLIT-LOCK WASHERS UNDER ALL NUTS AND BOLTS.
2. FOR HEIGHTS EXCEEDING 4'-0" OR WEIGHTS OF MOUNTED EQUIPMENT EXCEEDING 200 LBS, SIZE POST AND CONNECTION FOR LATERAL LOADS. EXTEND POSTS TO STRUCTURE ABOVE WHERE REQUIRED BY CALCULATION.

UNDERFLOOR FEED FROM CABLE TRAY
NTS

2605-704

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PART	REV	DESCRIPTION	DRW	CHKR	DE	DVR	DM	DATE
	0	ISSUED FOR CONSTRUCTION	RM	BW	JL		LE	06/2017

REVISION OR ISSUE PURPOSE — REVISION APPROVALS — SQUAD CHECK: WE AR CV ST HV EM FP PD EE IE M NP

RPE: JAMES KEITH LANDMAN, REGISTERED ENGINEER, AGRICULTURE, No. 119939, STATE OF TENNESSEE — 6-30-2017

REV.	DATE	DRAWING APPROVALS	DATE
		DRW R MARKEN	06/16/17
		CHKR B WILKINSON	06/16/17
		DE J LANDMAN	06/16/17
		DVR	
		DM L ELLIS	06/16/17
		PE Teresa J. Pierce, P.E.	

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OF200 Mercury Treatment Facility
Designed by URS|CH2M Oak Ridge LLC (UCOR) for the Department of Energy
Oak Ridge Office of Environmental Management
under U. S. Government contract DE-SC-0004645

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PROJECT NAME:
OF200 MERCURY TREATMENT FACILITY
ELECTRICAL
STANDARD DETAILS - SHEET 7 OF 10

USE	DISC	DT	DC	CM	SYSTEM	STAT	SIZE	BLDG	FL	CLASS
3	E	Y	K	NC	FAC	AR	E	9410-02	X	U

SH.	OF	TYPE		PART	REV
7	10	DD	E941002-F-0075	000	0

ISSUED FOR CONSTRUCTION

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