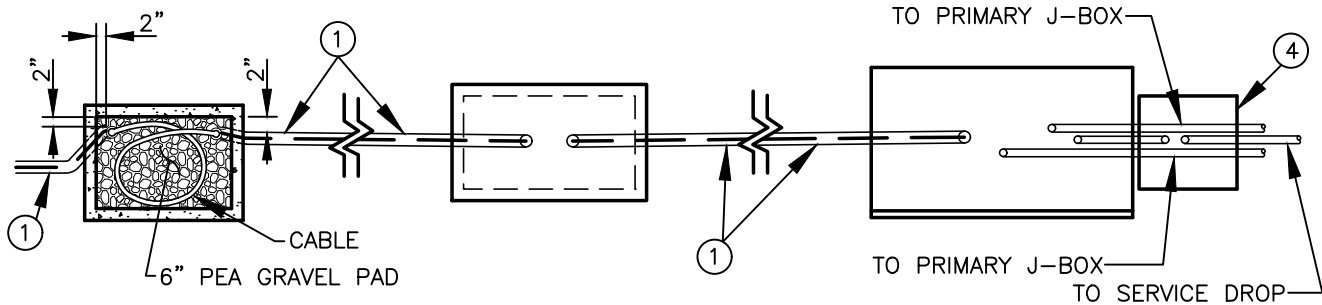
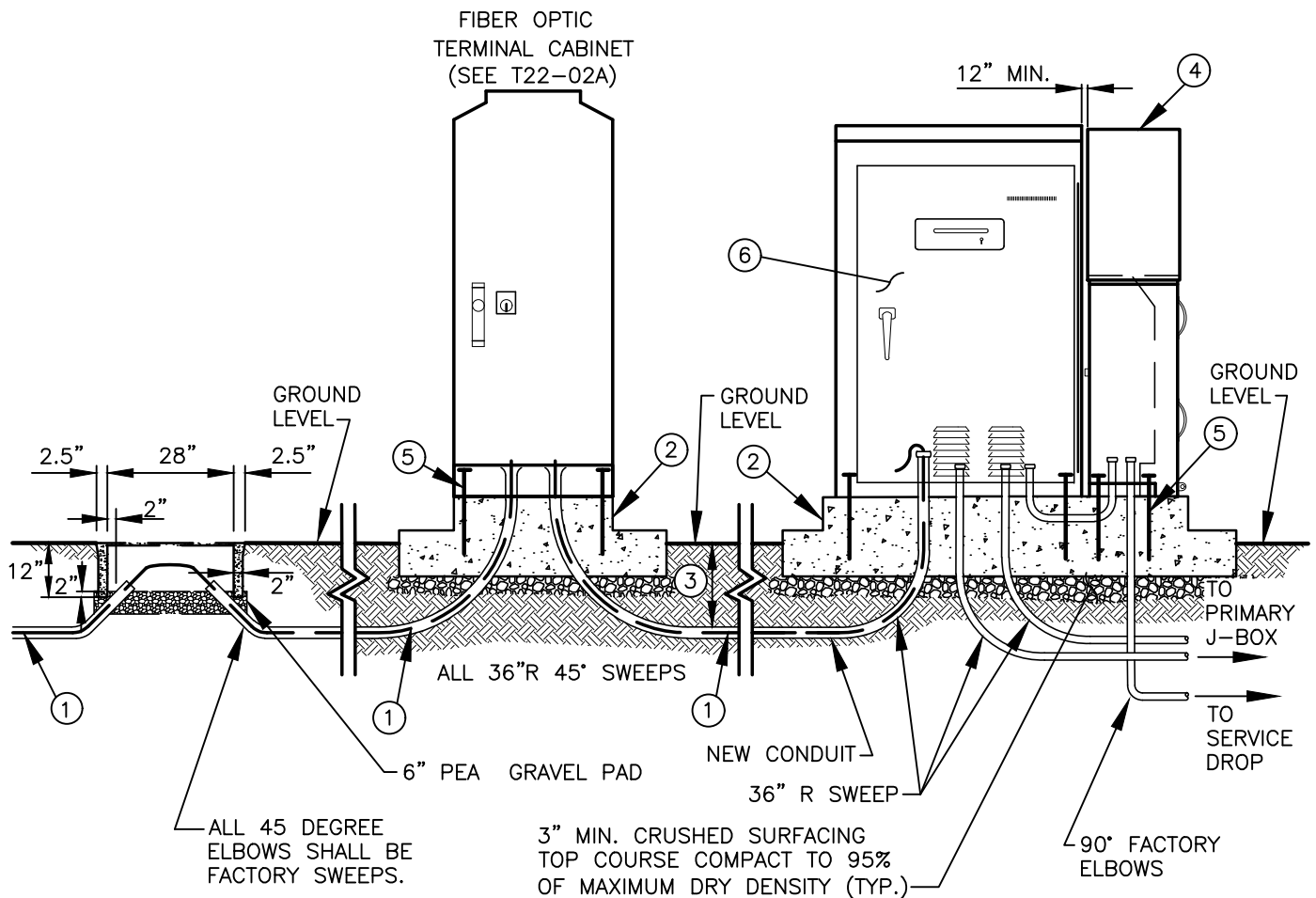




TOP VIEW JUNCTION BOX

TOP VIEW F.O.T.C.

TOP VIEW SERVICE CABINET



NOTE:

- ① PVC INTERCONNECT CONDUIT WITH DETECTABLE MULE TAPE. (SEE PLANS AND SPECIFICATIONS).
- ② SEE STANDARD PLAN T20-38E AND STANDARD SPECIFICATIONS FOR FOUNDATION AND PAD DEPTH AND SIZE.
- ③ SEE STANDARD SPECIFICATIONS FOR DEPTH.
- ④ LOCATE SERVICE PEDESTAL SIDE ADJACENT TO CONTROLLER CABINET OR MOVE MORE THAN 20' AWAY. HANDLES SHALL POINT OUTWARD. METER OPENING SHALL FACE STREET.
- ⑤ MOUNTING BOLTS INSIDE CABINET. NUTS, BOLTS AND SCREWS WILL NOT BE VISIBLE FROM OUTSIDE OF ENCLOSURE.
- ⑥ SERVICE CABINET DOOR.



TYPICAL INTERCONNECT CONDUIT AND CABLE INSTALLATION

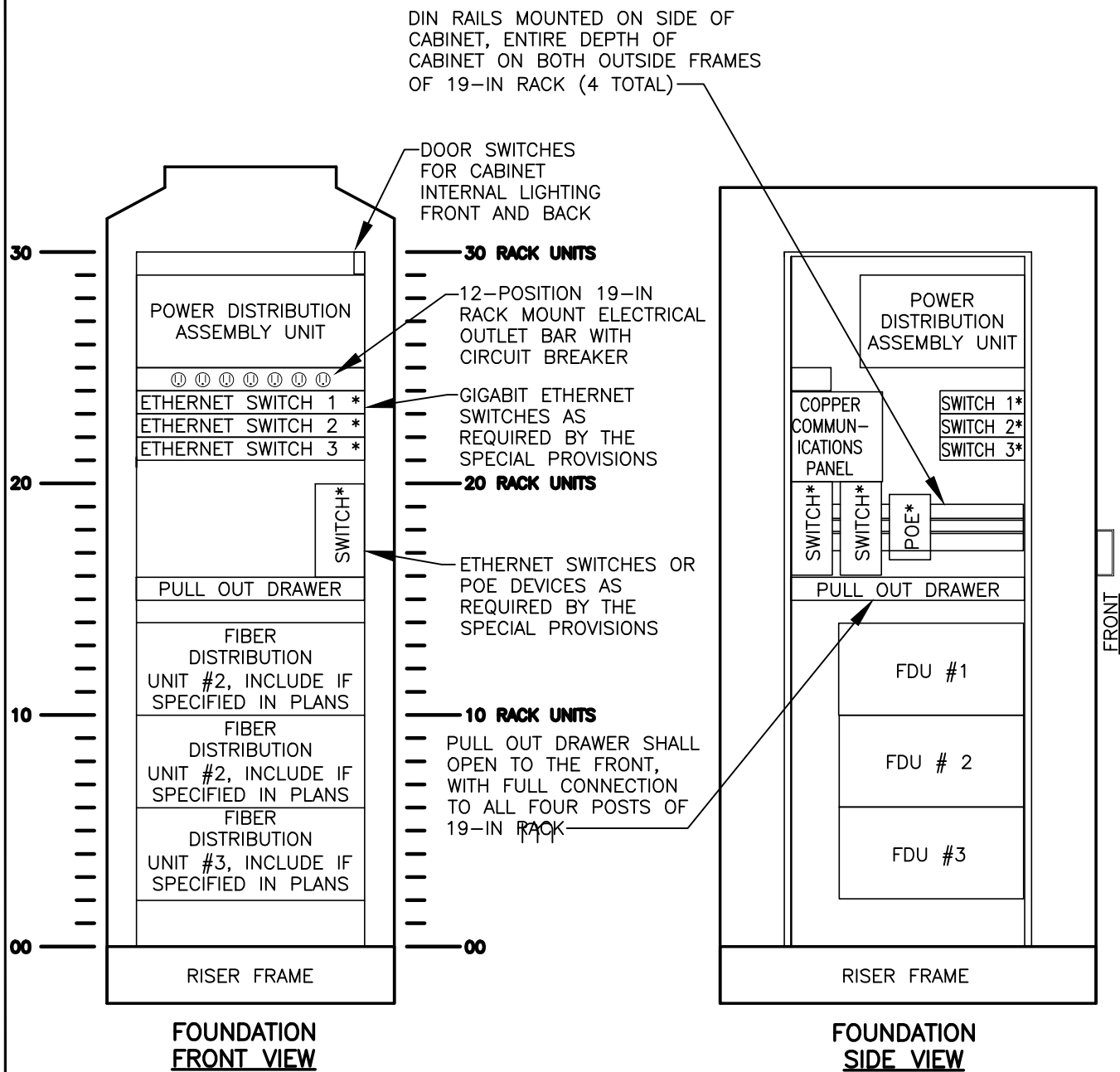
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T22-01

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NOTES:

1. SEE DETAIL **T22-02B** FOR 334 COMMUNICATIONS POWER DISTRIBUTION ASSEMBLY DETAIL.
2. SEE DETAIL **T22-02C** FOR 334 COMMUNICATIONS WIRING NOTES.
3. SEE DETAIL **T22-02D** FOR 334 COMMUNICATIONS WIRING SCHEMATICS.



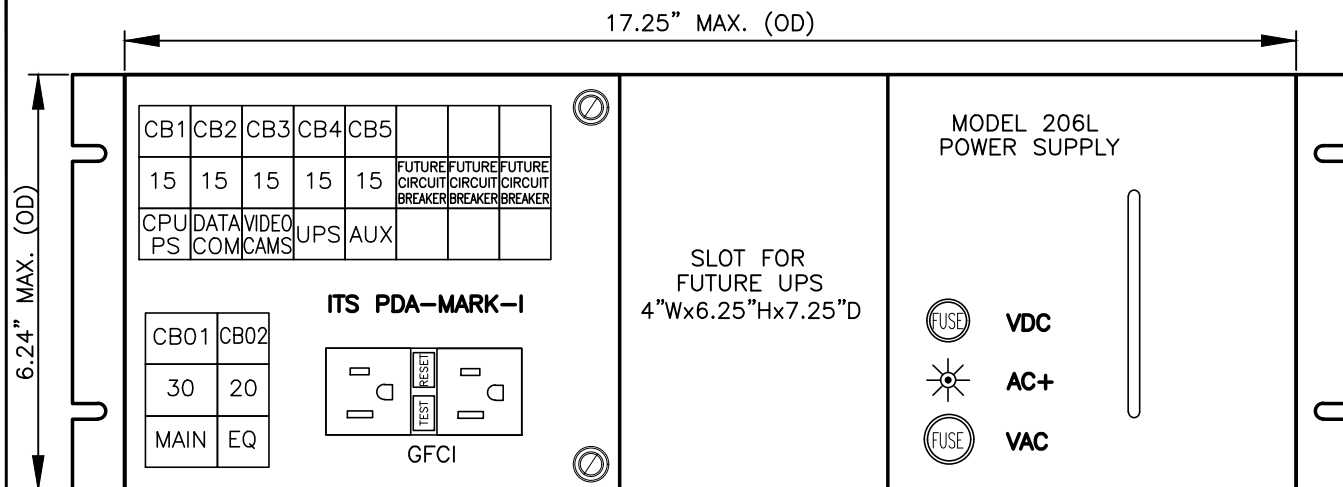
TYPICAL 334 COMMUNICATIONS CABINET INTERIOR

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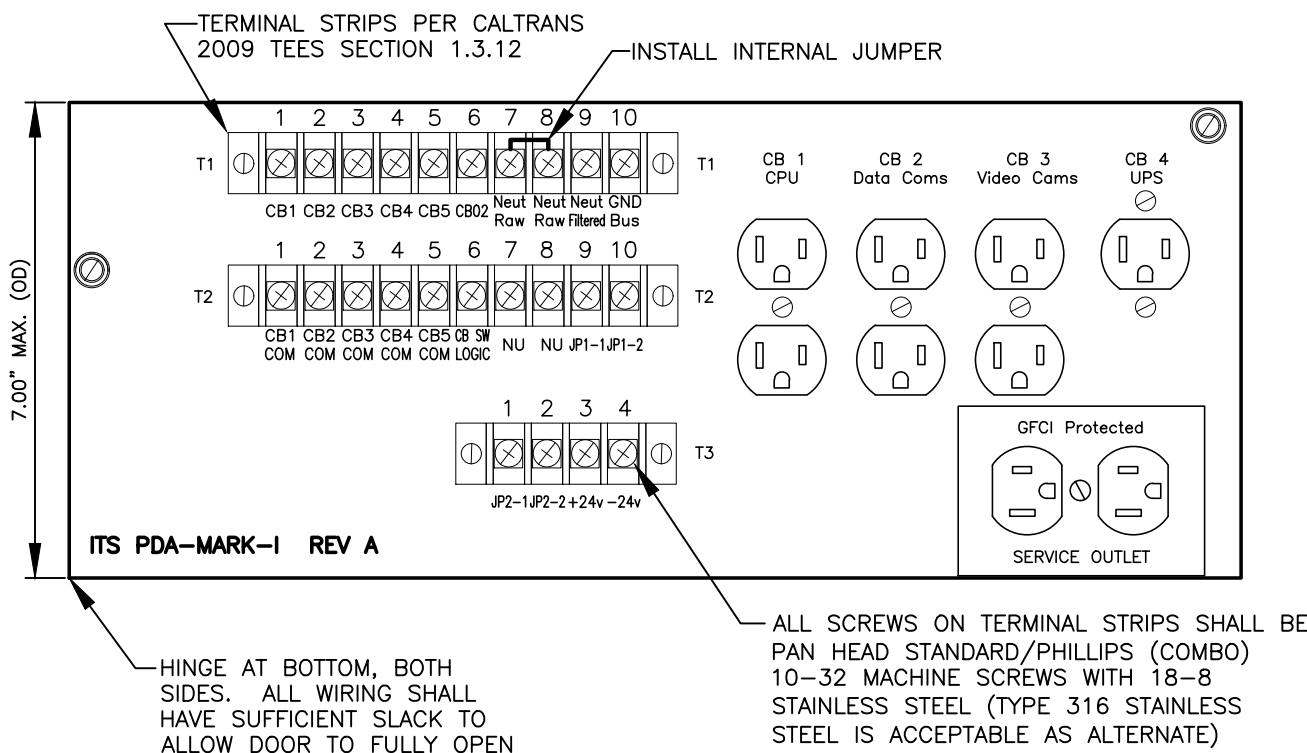
T22-02A



HINGE AT TOP AND BOTTOM. ALL WIRING SHALL
HAVE SUFFICIENT SLACK TO ALLOW DOOR TO
FULLY OPEN

DEPTH OF ITS-PDA - 10.50" MAX.
CIRCUIT BREAKERS PER 2009 CALTRANS TEES
SECTION 1.3.9

ITS-POWER DISTRIBUTION ASSEMBLY - FRONT VIEW



ITS-POWER DISTRIBUTION ASSEMBLY - REAR VIEW

NOTES:

- SEE DETAIL **T22-02A** FOR 334 COMMUNICATIONS CABINET INTERIOR
DETAIL.
- SEE DETAIL **T22-02C** FOR 334 COMMUNICATIONS WIRING NOTES.
- SEE DETAIL **T22-02D** FOR 334 COMMUNICATIONS WIRING
SCHEMATICS.

RECEPTACLE COLOR:

CB 1 - CPU	-	BLACK
CB 2 - DATA COMS	-	GREY
CB 3 - VIDEO CAMS	-	BLUE
CB 4 - UPS	-	RED
GFCI -	-	WHITE



TYPICAL 334 COMMUNICATIONS ITS - POWER DISTRIBUTION ASSEMBLY

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T22-02B

WIRING NOTES:

1. ALL WIRING SHALL BE CONSTRUCTED FROM STRANDED SINGLE CONDUCTOR COPPER MATERIAL, INSULATION RATED AT 90 DEGREES CELSIUS AND UL LISTED FOR DAMP AND DRY LOCATIONS.
2. 120 VAC (AC+) & BATTERY –VOLTS DC SUPPLY LINES SHALL HAVE BLACK INSULATION.
3. 120 NEUTRAL (AC–) WIRING SHALL HAVE WHITE INSULATION.
4. BATTERY +VOLTS DC & +24 VDC POWER SUPPLY WIRES SHALL HAVE RED INSULATION.
5. –24 VDC POWER SUPPLY (LOGIC REF) WIRES SHALL HAVE WHITE INSULATION WITH A RED TRACER STRIPE.
6. GROUNDING WIRES SHALL HAVE GREEN INSULATION.
7. CIRCUIT BREAKER AUXILIARY SWITCH -- WHEN CIRCUIT BREAKER IS PLACED IN THE 'ON' POSITION, THE NORMALLY OPEN (NO) TERMINAL SHALL BE CONNECTED TO THE COMMON TERMINAL. WHEN PLACED IN THE 'OFF' POSITION, THE NORMALLY CLOSED (NC) TERMINAL SHALL BE CONNECTED TO THE COMMON TERMINAL.
8. JP1 -- INSTALL JUMPER WHEN EXTERNAL UPS/BBS IS NOT INSTALLED. REMOVE JUMPER AND CONNECT EXTERNAL UPS/BBS TO T2–10.
9. JP2 -- INSTALL JUMPER WHEN INTERNAL UPS/BBS IS NOT INSTALLED. REMOVE JUMPER AND CONNECT INTERNAL UPS/BBS TO T3–2.

NOTES:

1. SEE DETAIL **T22–02A** FOR 334 COMMUNICATIONS CABINET INTERIOR DETAIL.
2. SEE DETAIL **T22–02B** FOR 334 COMMUNICATIONS ITS – POWER DISTRIBUTION ASSEMBLY.
3. SEE DETAIL **T22–02D** FOR 334 COMMUNICATIONS WIRING SCHEMATICS.

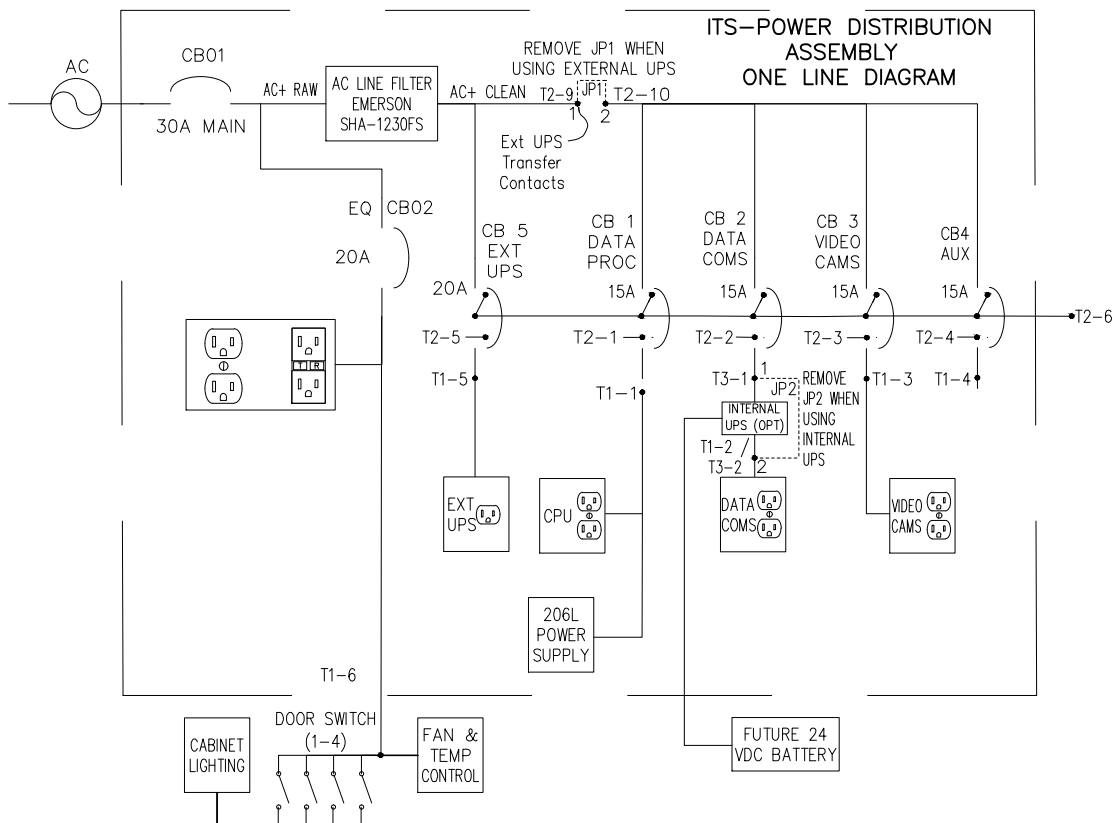
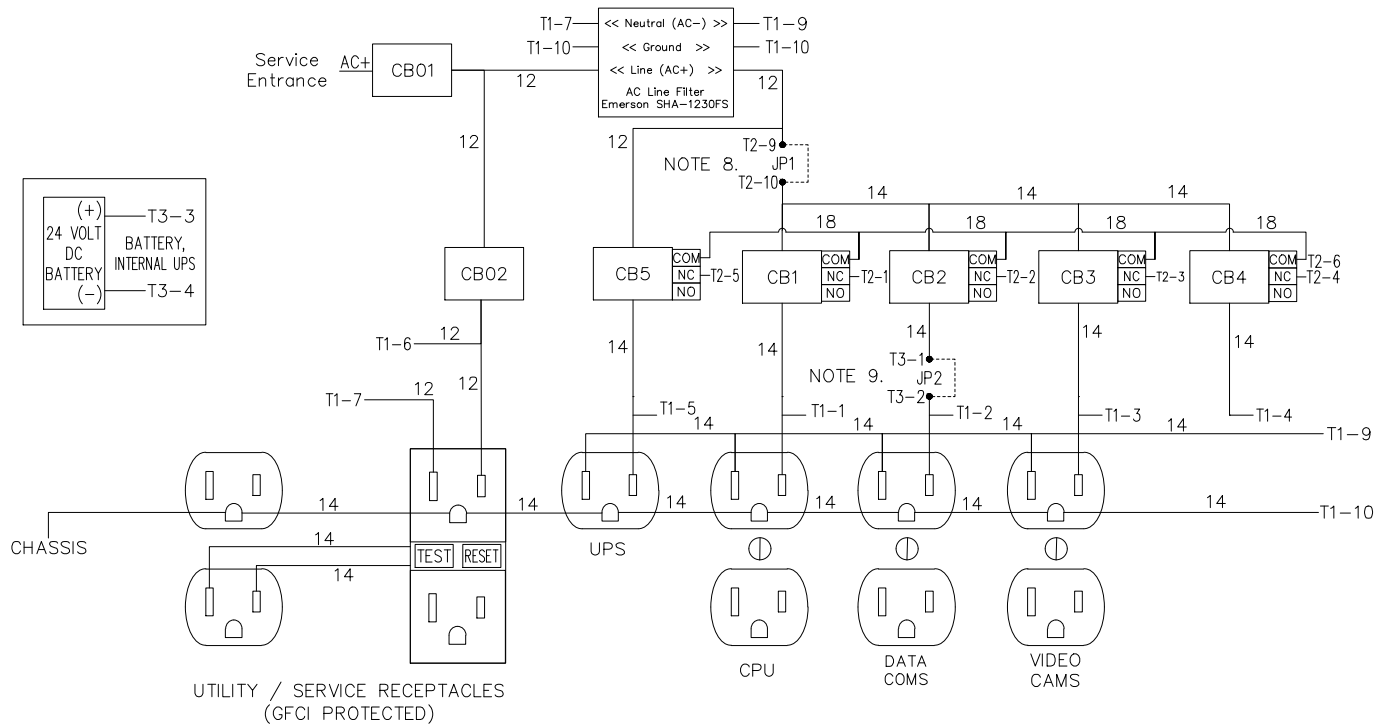


TYPICAL 334 COMMUNICATIONS WIRING NOTES

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T22-02C

**NOTES:**

1. SEE DETAIL **T22-02A** FOR 334 COMMUNICATIONS CABINET INTERIOR DETAIL.
2. SEE DETAIL **T22-02B** FOR 334 COMMUNICATIONS ITS - POWER DISTRIBUTION ASSEMBLY.
3. SEE DETAIL **T22-02C** FOR 334 COMMUNICATIONS WIRING NOTES.



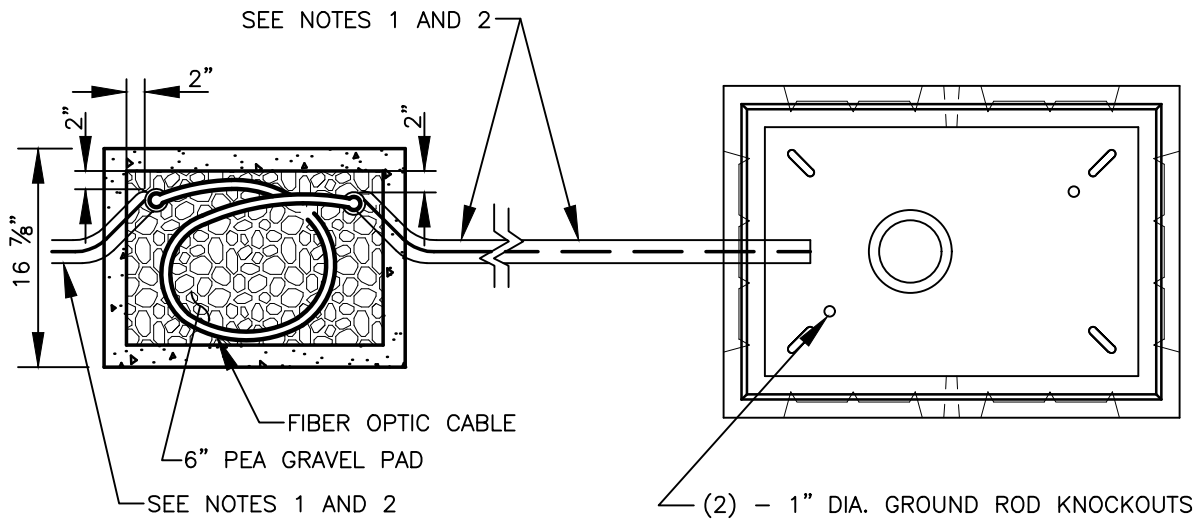
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TYPICAL 334 COMMUNICATIONS WIRING SCHEMATICS

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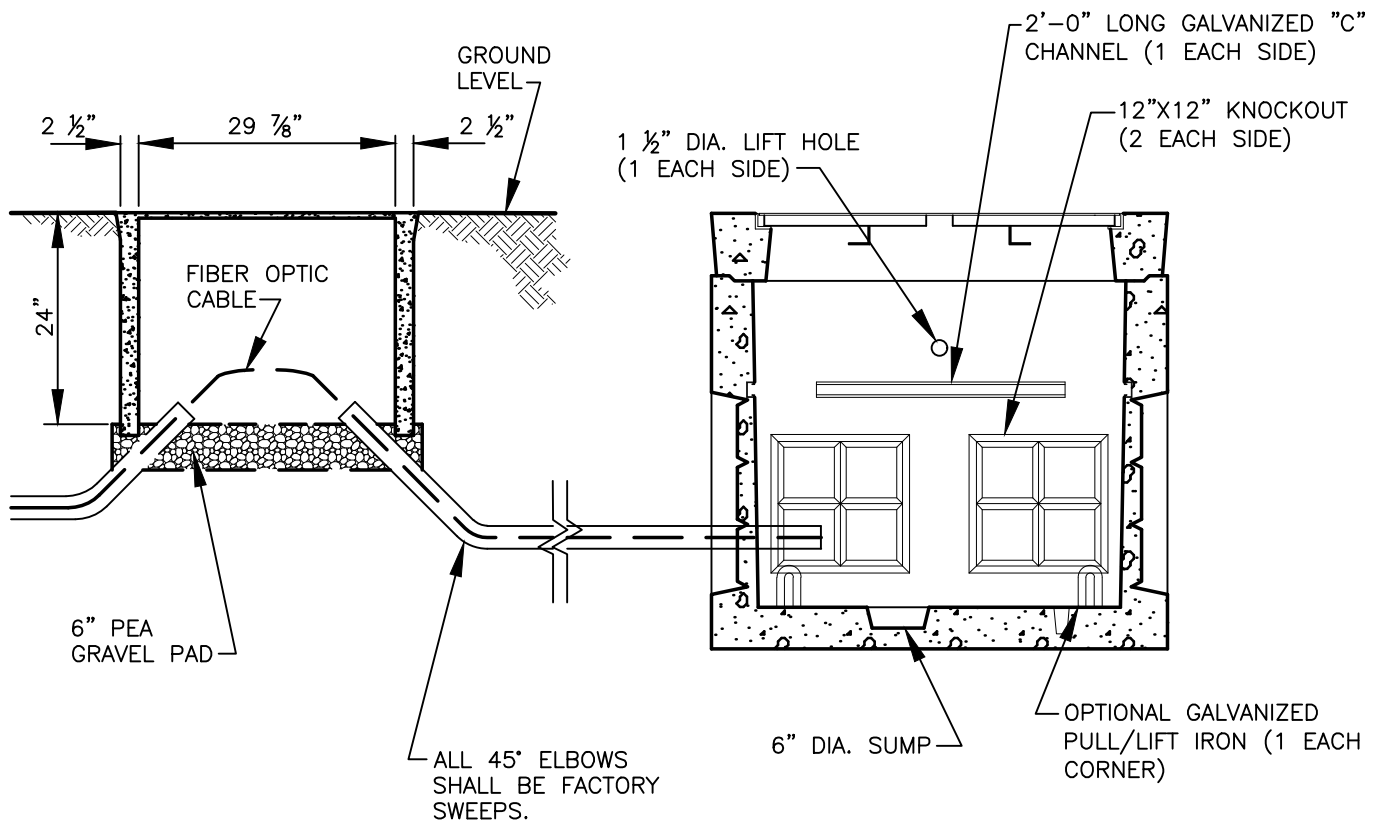
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T22-02D



TOP VIEW JUNCTION BOX

TOP VIEW SPLICE VAULT



NOTES:

1. SEE STANDARD SPECIFICATIONS FOR CONDUIT DEPTH.
2. SEE PLANS AND SPECIFICATIONS FOR CONDUIT SIZE.



INTERCONNECT JUNCTION BOX TO PULL BOX DETAIL

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T22-03