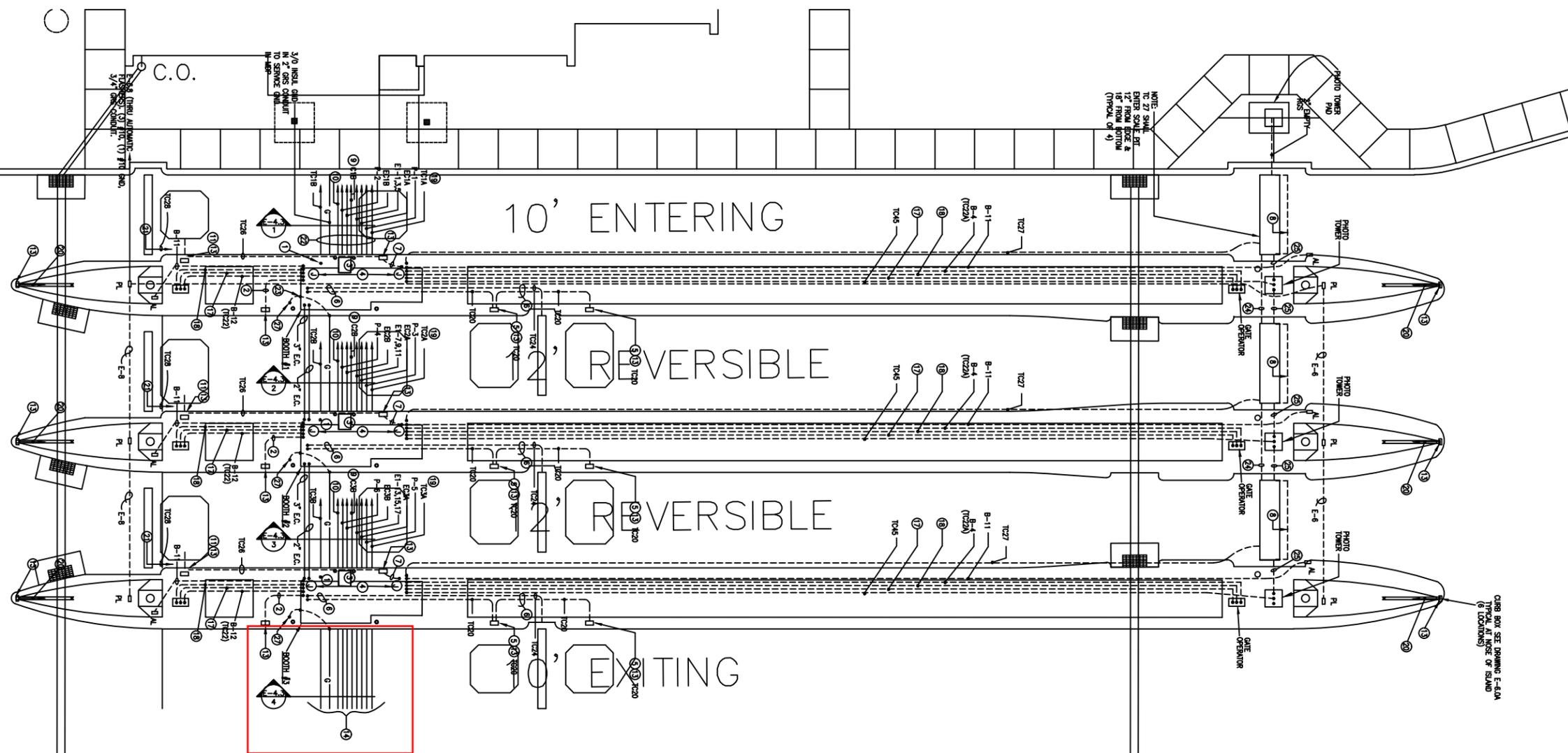


TOLL BOOTH CONDUIT COORDINATION DETAIL
SCALE: NONE

GENERAL NOTES:

1. "TC", "EC", AND "C" SERIES CONDUITS TO TERMINATE AT COMMUNICATIONS BACKBOARD "CTB" LOCATED IN COMMUNICATIONS ROOM.



TOLL BOOTH SITE POWER PLAN
SCALE: 1"=8'



DRAWING NOTES:

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|---|---|--|---|--|
| <ol style="list-style-type: none"> 1. 3/4" RGS CONDUIT WITH 3 #12 + 1 #12G, RUN CONDUIT CONCEALED IN DUCT DROP ENCLOSURE TO CANOPY FOR POWER TO TYPE "G" FIXTURES 2. EMPTY 1" RGS CONDUIT FOR FUTURE USE. 3. AUTOMATIC TICKET DISPENSER, SEE ARCHITECTURAL DWGS. AND ELECTRICAL DRAWING E-4.3A & E-6.1A FOR DETAIL AND PLAN. 4. TERMINATE ALL "P" SERIES CONDUITS IN BOOTH. AT L.P.U.'S PROVIDE TWO (2) FOUR WAY SINGLE POLE, 120V RECEPTACLES 15" ABOVE TOLL BOOTH FLOOR, INSIDE THE CABINETS WITH THE LPU UNITS. TWO DUPLEXES TO BE BROWN ARE TO BE CONTROLLED WITH AN ON-OFF TOGGLE SWITCH ON THE FACE OF THE CABINET. THE REMAINING SIX DUPLEXES ARE TO BE IVORY AND HARD WIRED TO THE BREAKERS FOR TOLL COLLECTION EQUIPMENT. AT THE A.T.D. END PROVIDE A JUNCTION BOX ONLY. | <ol style="list-style-type: none"> 5. TERMINATE CONDUIT TC-20 IN CURB BOX AT TRAFFIC LANE. 6. EXTEND AND TERMINATE CONDUIT TC-20 AND TC-24 TO EQUIPMENT SIDE OF BOOTH. 7. ROUTE 1-1/2" RGS CONDUIT TC-26 FROM CURB BOX TO L.P.U. IN BOOTH. 8. PROVIDE 1-1/2" CONDUIT INSIDE CONCRETE WALL OF PIT. CONDUIT MUST EXTEND TO OUTSIDE OF SCALE LEGS. SEE SCALE PIT & TREADLE DETAILS FOR ADDITIONAL INFO. 9. EXTEND ONE 2-1/2" CONDUIT TO EACH BOOTH AT TURNPIKE SIDE OF BOOTH FOR COMMUNICATION (RADIO, TELEPHONE & INTERCOM) INDICATED "C". 10. 1" EMPTY CONDUIT (FOR MASTER CLOCK SYSTEM) 11. TERMINATE CONDUIT TC-26 IN CURB BOX AT TRAFFIC LANE. 12. NOT USED | <ol style="list-style-type: none"> 13. CURB BOX, SEE DETAIL DWG. E-6.0A. 14. CAP CONDUITS FOR FUTURE BOOTH 0'-6" BEYOND EDGE OF CONCRETE PAVEMENT. 15. NOT USED. 16. NOT USED. 17. 3/4" RGS TO TOLL BOOTH FOR TRAFFIC LANE LIMITS INTERFACE. PROVIDE WIRING PER SCHEMATIC DIAGRAMS. 18. 3/4" RGS TO PUSH BUTTON STATION IN TOLL BOOTH FOR GATE OPERATION. PROVIDE WIRING AS RECOMMENDED BY MANUFACTURERS. 19. SEE DWG. E-4.2A FOR DETAILED TOLL BOOTH CONDUIT LAYOUT PLAN AND DWG. E-6.1A ELEVATIONS. | <ol style="list-style-type: none"> 20. PROVIDE (2) 1" RGS CONDUITS UP TO TOLL BOOTH. FOR FUTURE E.T.C. 21. PROVIDE 2" RGS CONDUIT TC-28 FROM PCT TO ENTERING SIDE OF TOLL BOOTH AT L.P.U. 22. CONDUITS TO BE RUN UNDERGROUND FROM TOLL BOOTH, TYPICAL FOR (3) BOOTHS AND (1) FUTURE BOOTH. SEE DWG. E-4.3A FOR CONDUIT SCHEDULE. 23. GROUND TO FRAME OF BOOTH (TYP.). 24. 3" RGS CONDUIT (EMPTY) 1'-6" ABOVE CONSTRUCTION JOINT @ C 25. 2" RGS CONDUIT (EMPTY) 1'-0" ABOVE CONSTRUCTION JOINT @ C | <ol style="list-style-type: none"> 26. DRILL EACH SCALE PIT FRAME AND LUG #6 INSULATED COPPER CABLE TO FRAME. TERMINATE CABLE AT 3/4" DIA x 8'-0" COPPERCLAD GROUND ROD DRIVEN ADJACENT TO EACH FRAME AND ALSO TO A #4/0 INSULATED COPPER COMMON GROUNDING CONDUCTOR LOOPED TO EACH FRAME AND THEN BACK TO THE SERVICE GROUND POINT AND BONDED THERE TO THE MAIN GROUNDING ELECTRODE CONDUCTOR ALL CABLE TO BE RUN IN R.G.S. CONDUIT UNDERGROUND - SEE SCALE PIT DETAIL, DWG. E-6.0A. 27. 3/4" DIA x 10'-0" COPPERCLAD GROUND ROD DRIVEN ADJACENT TO BOOTH PROVIDE #6 BARE COPPER GROUND CABLE FROM GROUND ROD TO BOOTH. |
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GENERAL NOTES:

1. CONTRACTOR SHALL COORDINATE ALL CONDUITS IN BOOTHS - SEE ELECTRICAL PLANS AT BOOTHS DWG E-4.2A & 6.1A FOR ADDITIONAL ELECTRICAL WORK.
2. AUDIT LOOP, ARMING LOOP AND CLEARING LOOP EQUIPMENT AND WIRING ARE SUPPLIED BY OTHERS.
3. ALL UNDERGROUND CONDUITS SHALL BE GROUPED FOR CONCRETE ENCASUREMENT (TYP.).

RECORD DRAWINGS		DLS	12/03
NO.	REVISIONS	BY	DATE
OHIO TURNPIKE COMMISSION			
TOLL PLAZA 152 TOLL BOOTHS SITE POWER PLAN			
FPS CONSULTING ENGINEERS, INC. CLEVELAND, OHIO			
DESIGNED:	JMS	CHECKED:	RDT DATE: 1/18/02
DRAWN:	JMS	IN CHARGE:	ZFB SCALE: 1"=8'
CONTRACT 58-02-02 DWG E-4.1A OF 7.1A			
SHEET 220 OF 229			