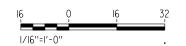


NOTES:

- 1. THIS IS A TYPICAL LAYOUT AND THE ORIENTATION OF THE STATION WITH RESPECT TO TRACK, LOCATION OF UTILITY SUPPLY CIRCUITS, EQUIPMENT, AND ROAD ACCESS TO BE DETERMINED ON A SITE-BY-SITE BASIS.
- 2. THERE IS A PROVISION FOR INSTALLING TWO MAIN GANTRIES FOR FACILITATING CONNECTIONS WITH OVERHEAD CONTACT SYSTEM OF DIFFERENT SECTIONS.
- 3. THERE WILL BE A STRAIN GANTRY LOCATED WITHIN THE RAILROAD RIGHT-OF-WAY (ROW), PARALLEL TO AND ON THE OPPOSITE SIDE OF THE TRACK WITH FOOTPRINTS EXACTLY EQUAL TO THAT OF THE MAIN GANTRY.
- 4. IF THE TRACTION POWER FACILITY (TPF) IS LOCATED AWAY FROM THE TRACK, THE MAIN GANTRY WILL BE LOCATED WITHIN THE RAILROAD ROW, PARALLEL TO AND TOWARDS TPF SIDE OF THE TRACK. IN THIS CASE AN ADDITIONAL 40' WIDE STRIP OF LAND WILL BE REQUIRED FROM THE TPF TO THE RAILROAD ROW FOR LAYING UNDERGROUND DUCT BANKS AND MANHOLES.
- 5. FOR DUCT BANK AND MANHOLE DETAILS, SEE DWG. TM 3.1.1.3-E AND TM 3.1.1.3-F.
- 6. THE COMMUNICATION EQUIPMENT ROOM SHALL HOUSE COMMUNICATION INTERFACE EQUIPMENT FOR SCADA SYSTEM AND OTHER WAYSIDE COMMUNICATION EQUIPMENT.
- 7. THE GANTRIES SHALL BE 40 FEET HIGH.



PARSONS BRINCKERHOFF



CALIFORNIA HIGH-SPEED TRAIN PROJECT

CONCEPTUAL LAYOUT
TRACTION POWER SUBSTATION
WITH 3 HIGH VOLTAGE TRANSFORMERS

CONTRACT NO.

13259D

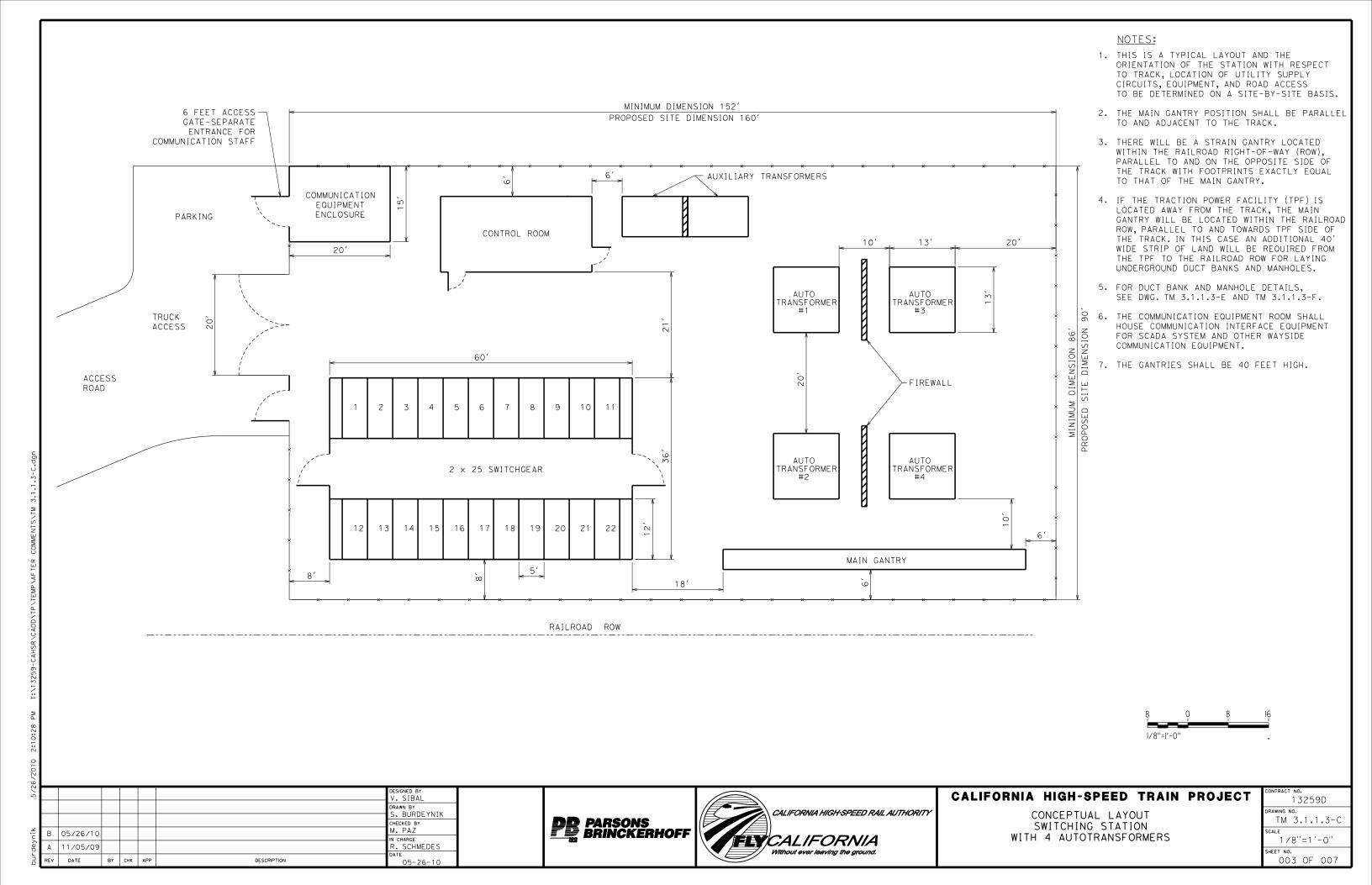
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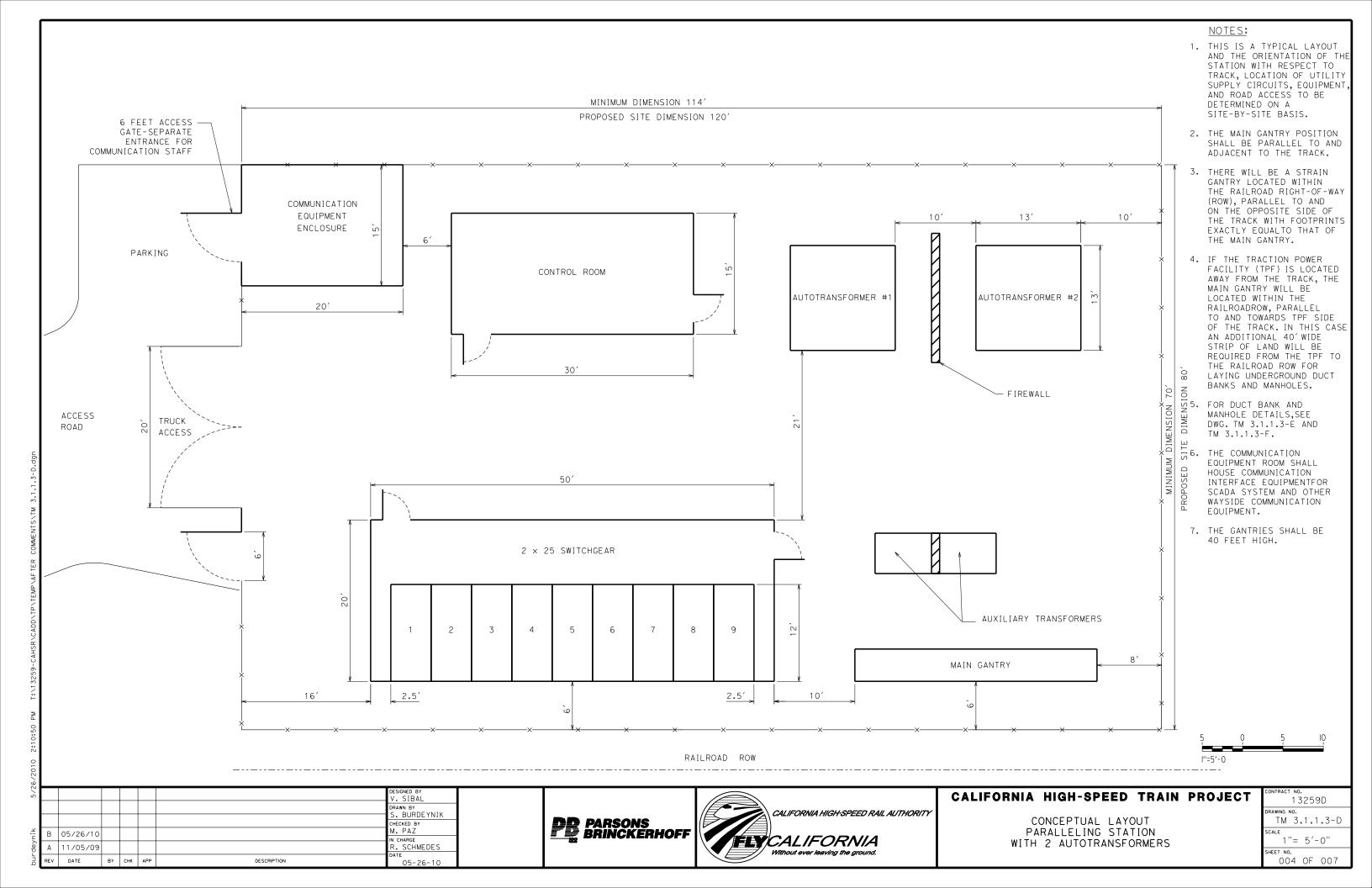
TM 3.1.1.3-B

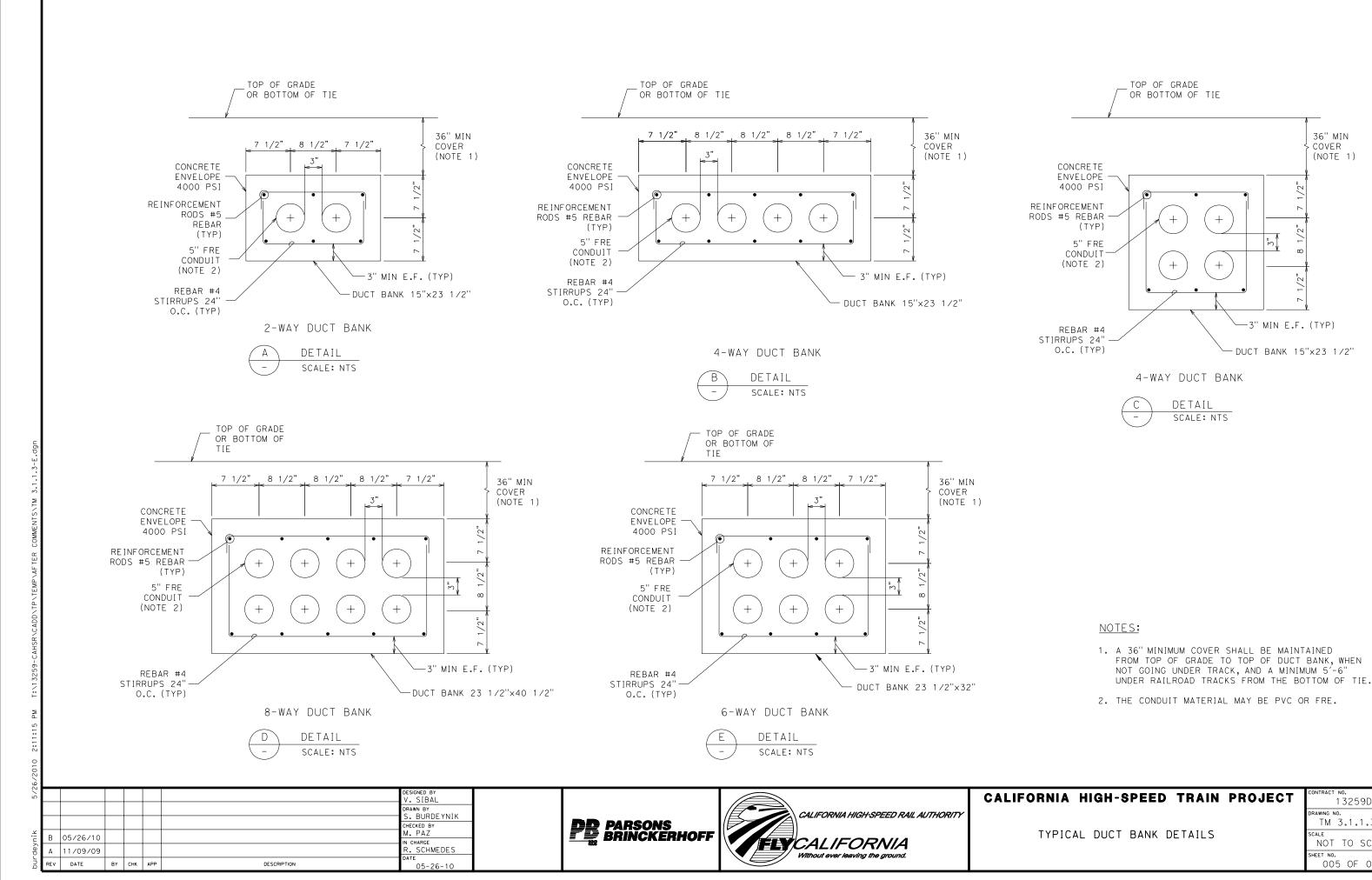
SCALE

1/16"=1'-0"

002 OF 007







36" MIN

(NOTE 1)

13259D

TM 3.1.1.3-E

NOT TO SCALE

005 OF 007

HEET NO.

COVER

