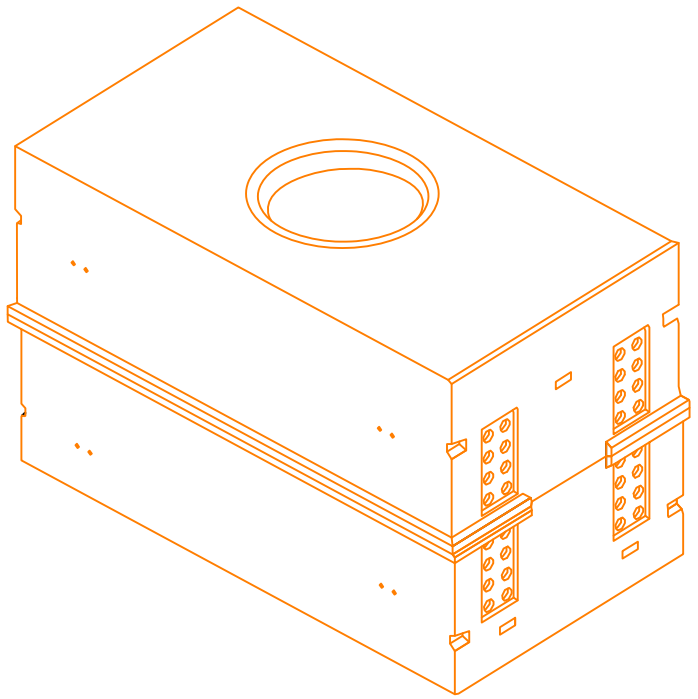
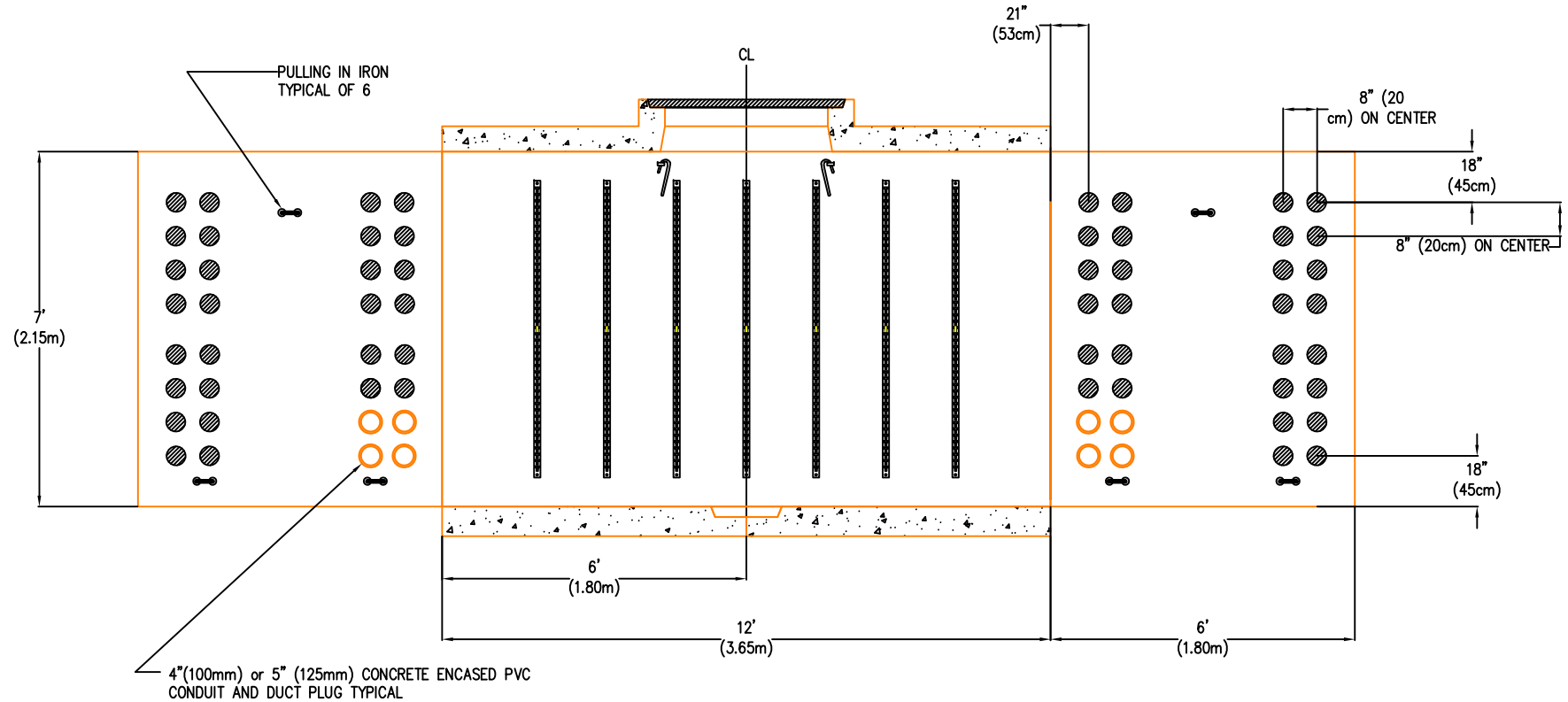
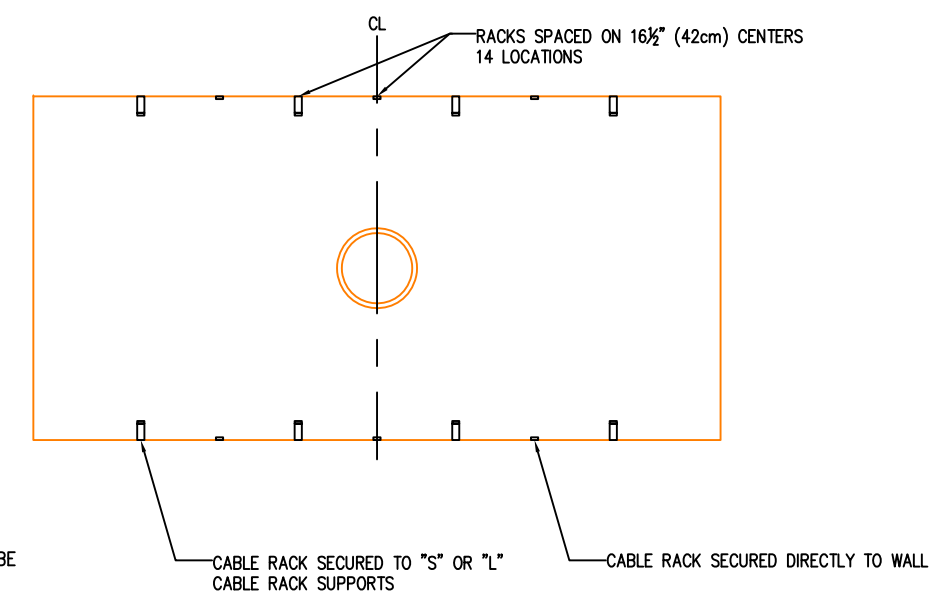





MANHOLE 12'X6'X7 (3.65mX1.80mX2.15m) SPLAYED
3 BAY RACKING




NOTES:

1. PRECAST MAINTENANCE HOLES MUST MEET ASTM C858 STANDARD SPECIFICATION FOR UNDERGROUND PRECAST CONCRETE UTILITY STRUCTURES
2. ALL CONCRETE MUST HAVE A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 4000 PSI (28 MPA).
3. MINIMUM DESIGN LIVE LOAD MUST BE HS-20.
4. WALL AND SLAB (ROOF & FLOOR) THICKNESSES SHOWN ARE MINIMUM. ACTUAL WALL AND SLAB THICKNESS MUST BE SHOWN ON SHOP DRAWINGS TO BE REVIEWED AND APPROVED.
5. ACTUAL PLACEMENT OF ACCESS OPENING AND CASTING TO BE UTILIZED MUST BE SHOWN ON THE SHOP DRAWINGS TO BE REVIEWED AND APPROVED.
6. DETAIL SHOWS CENTER SEAM (JOINT) PRECAST STRUCTURE. TOP SEAM STRUCTURES ARE PERMITTED BY US GOVERNMENT APPROVAL, AND MUST BE SHOWN ON SHOP DRAWINGS TO BE REVIEWED AND APPROVED. JOINTS SHALL BE SEALED WITH ROPE SEALANT MEETING ASTM C990/C990M. ADDITIONALLY, WHEN REQUIRED BY AHJ EXTERNAL JOINT SHALL BE WRAPPED WITH MATERIAL MEETING ASTM C877/C877M.
7. FRAMES AND COVERS MUST BE CONSTRUCTED USING GRAY IRON CONFORMING TO ASTM A48/A48M OR DUCTILE IRON CONFORMING TO ASTM A536/A536M. LOAD RATING MUST BE AS NOTED ON DRAWING.
8. ALL ANCHORING COMPONENTS AND MUST SATISFY THE TESTING CONDITIONS OF ASTM E488/E488M.
9. ALL MAINTENANCE HOLES WILL HAVE AN INTEGRATED GROUNDING SYSTEM.
10. REINFORCING STEEL MUST MEET ASTM A706/A706M OR A1064/A1064M.