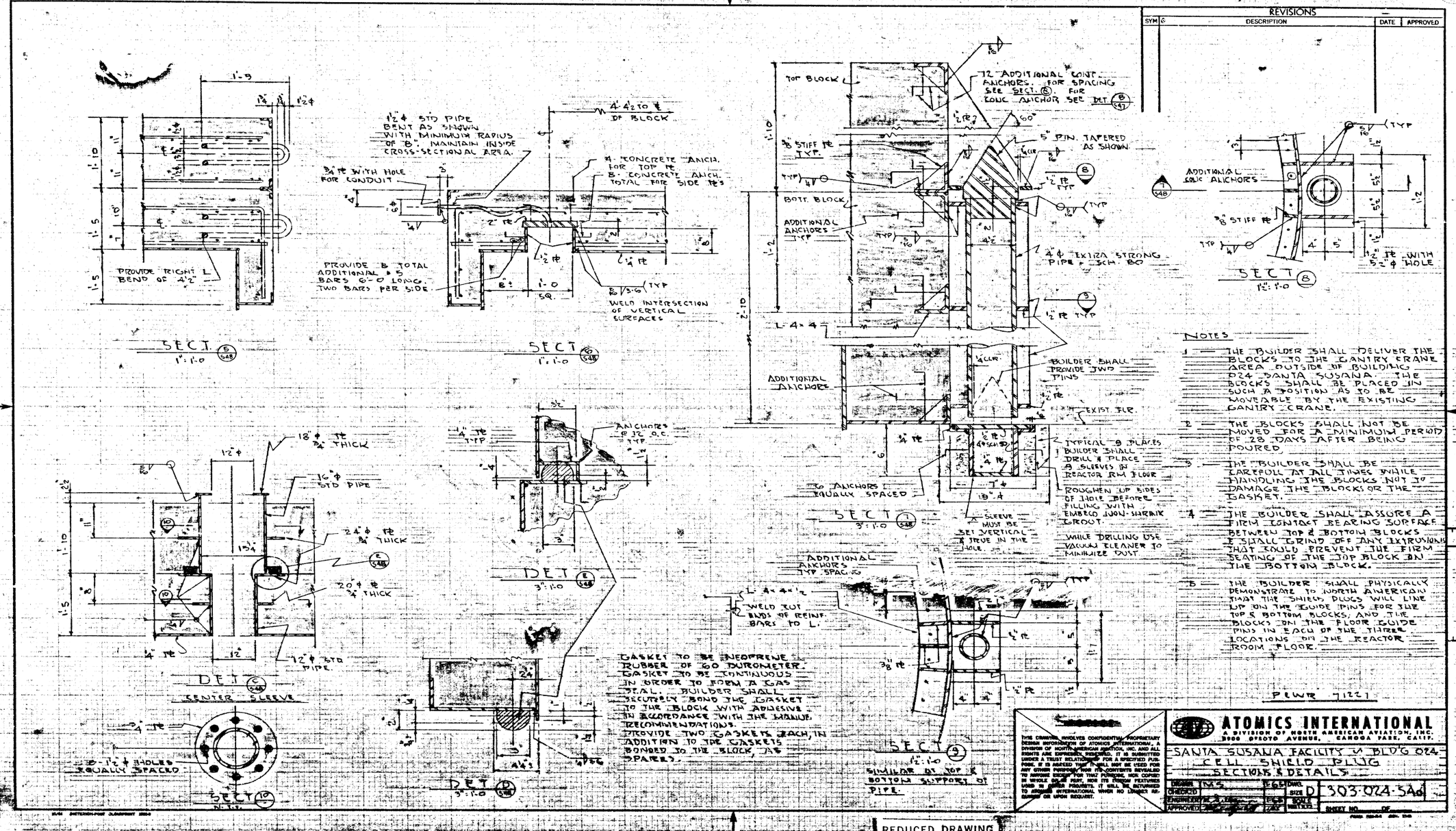
REVISIONS
SYM
DESCRIPTION
DATE
APPROVED
1'-9
1¼ ϕ
1'-2¼
1'-10
1'-5
PROVIDE RIGHT L BEND OF 4'-2"
SECT. 5 (548)
1" = 1'-0
1½" ϕ STD PIPE BENT AS SHOWN WITH MINIMUM RADIUS OF "B". MAINTAIN INSIDE CROSS-SECTIONAL AREA.
4'-4½ TO ℄ OF BLOCK
¾" ϕ WITH HOLE FOR CONDUIT
4 - CONCRETE ANCH. FOR TOP ℄
8 - CONCRETE ANCH. TOTAL FOR SIDE ℄'S
2" ℄
½" ϕ
¼" ℄
PROVIDE 8 TOTAL ADDITIONAL #5 BARS 6'-0 LONG TWO BARS PER SIDE
1'-0 SQ.
WELD INTERSECTION OF VERTICAL SURFACES
SECT. 6 (548)
1" = 1'-0
TOP BLOCK
BOTT. BLOCK
ADDITIONAL ANCHORS TYP
12 ADDITIONAL CONT. ANCHORS. FOR SPACING SEE SECT. 6. FOR LONG ANCHOR SEE DET. 8 (548)
60°
5" PIN. TAPERED AS SHOWN.
⅜" STIFF ℄ TYP.
½" ℄ TYP
4" ϕ EXTRA STRONG PIPE + SCH. 80
L 4 x 4
BUILDER SHALL PROVIDE TWO PINS
EXIST. FLR.
TYPICAL 8 PLACES BUILDER SHALL DRILL & PLACE A SLEEVES IN REACTOR RM FLOOR
ROUGHEN UP SIDES OF HOLE BEFORE FILLING WITH EMBECO NON-SHRINK GROUT.
WHILE DRILLING USE VACUUM CLEANER TO MINIMIZE DUST.
SLEEVE MUST BE SET VERTICAL & TRUE IN THE HOLE.
SECT. 1 (548)
3" = 1'-0
ADDITIONAL ANCHORS
SECT. 8 (548)
½" ℄ WITH 5½" ϕ HOLE
¼" ℄ TYP
ANCHORS @ 32 O.C. TYP.
TO ANCHORS EQUALLY SPACED
DET. 8 (548)
3" = 1'-0
ADDITIONAL ANCHORS TYP SPACING
L 4 x 4 x ½
WELD TOT. BLDG OF REINF. BARS TO L
⅜" ℄
SECT. 9
½" = 1'-0
SIMILAR TO TOP & BOTTOM SUPPORT OF PIPE.
18" ϕ ¾" THICK
16" ϕ STD PIPE
12" ϕ
24" ϕ ¾" THICK
20" ϕ ¾" THICK
12" ϕ STD PIPE
DET. 10 (548)
CENTER SLEEVE
¾" ℄
12 - ½" ϕ HOLES EQUALLY SPACED
SECT. 10 (548)
GASKET TO BE NEOPRENE RUBBER OF 60 DUROMETER. GASKET TO BE CONTINUOUS IN ORDER TO FORM A GAS SEAL. BUILDER SHALL SECURELY BOND THE GASKET TO THE BLOCK WITH ADHESIVE IN ACCORDANCE WITH THE MANUF. RECOMMENDATIONS. PROVIDE TWO GASKETS EACH, IN ADDITION TO THE GASKETS BONDED TO THE BLOCK, AS SPARES.
DET. 9 (548)
3" = 1'-0
NOTES
1 — THE BUILDER SHALL DELIVER THE BLOCKS TO THE GANTRY CRANE AREA OUTSIDE OF BUILDING D24 SANTA SUSANA. THE BLOCKS SHALL BE PLACED IN SUCH A POSITION AS TO BE MOVEABLE BY THE EXISTING GANTRY CRANE.
2 — THE BLOCKS SHALL NOT BE MOVED FOR A MINIMUM PERIOD OF 28 DAYS AFTER BEING POURED.
3 — THE BUILDER SHALL BE CAREFULL AT ALL TIMES WHILE HANDLING THE BLOCKS NOT TO DAMAGE THE BLOCKS OR THE GASKET.
4 — THE BUILDER SHALL ASSURE A FIRM CONTACT BEARING SURFACE BETWEEN TOP & BOTTOM BLOCKS & SHALL GRIND OFF ANY EXTRUSIONS THAT COULD PREVENT THE FIRM SEATING OF THE TOP BLOCK ON THE BOTTOM BLOCK.
5 — THE BUILDER SHALL PHYSICALLY DEMONSTRATE TO NORTH AMERICAN THAT THE SHIELD PLUGS WILL LINE UP ON THE GUIDE PINS FOR THE TOP & BOTTOM BLOCKS, AND THE BLOCKS ON THE FLOOR GUIDE PINS IN EACH OF THE THREE LOCATIONS ON THE REACTOR ROOM FLOOR.
PEWR 71221
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8900 DESOTO AVENUE, CANOGA PARK, CALIF.
SANTA SUSANA FACILITY M BLD'G 024
CELL SHIELD PLUG
SECTIONS & DETAILS
DRAWN M.S.
CHECKED
ENGINEERING
APPROVED
F.G.S. DWG.
SIZE D
SCALE
303-024-5A
SHEET NO. OF
REDUCED DRAWING