

Figures

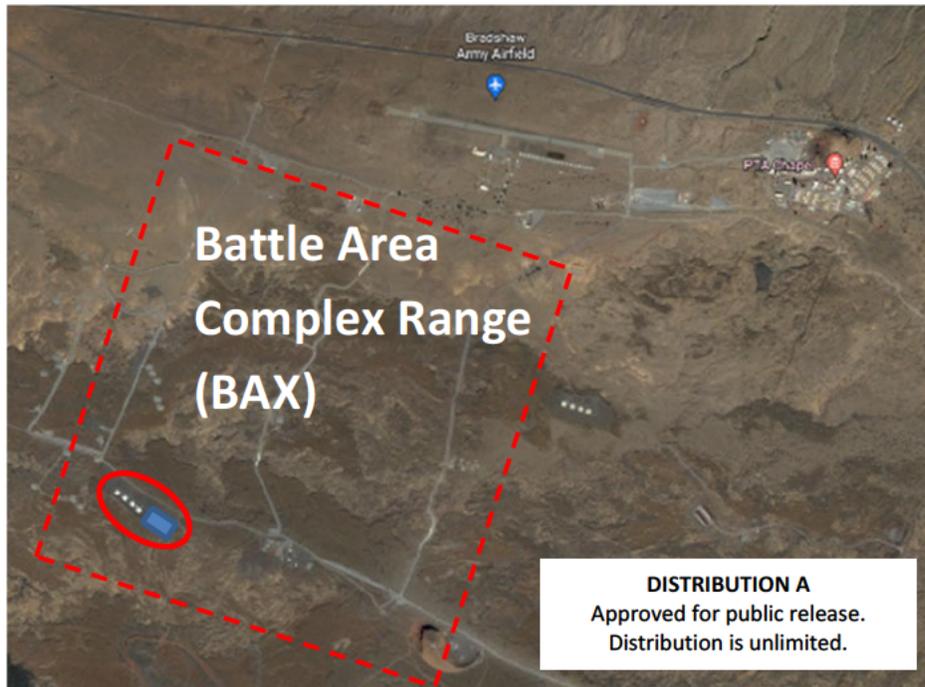


Figure 1 (PTA MOUT Vicinity Map)

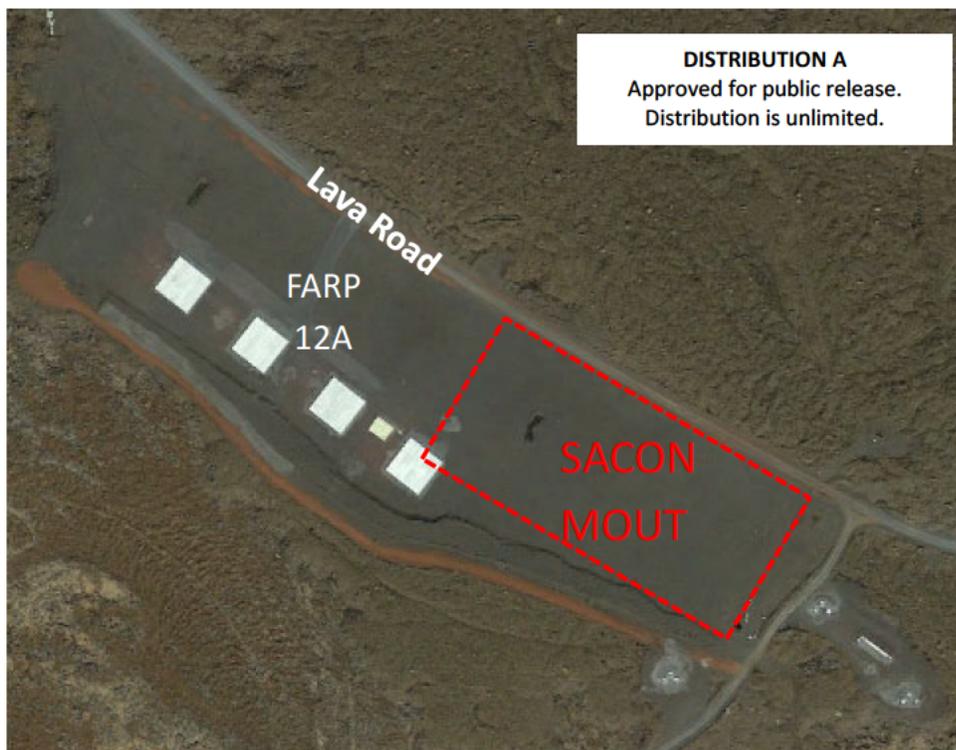


Figure 2 (Proposed PTA MOUT 300' x 500' Area)



Figure 3 (PTA Concept Site Plan)

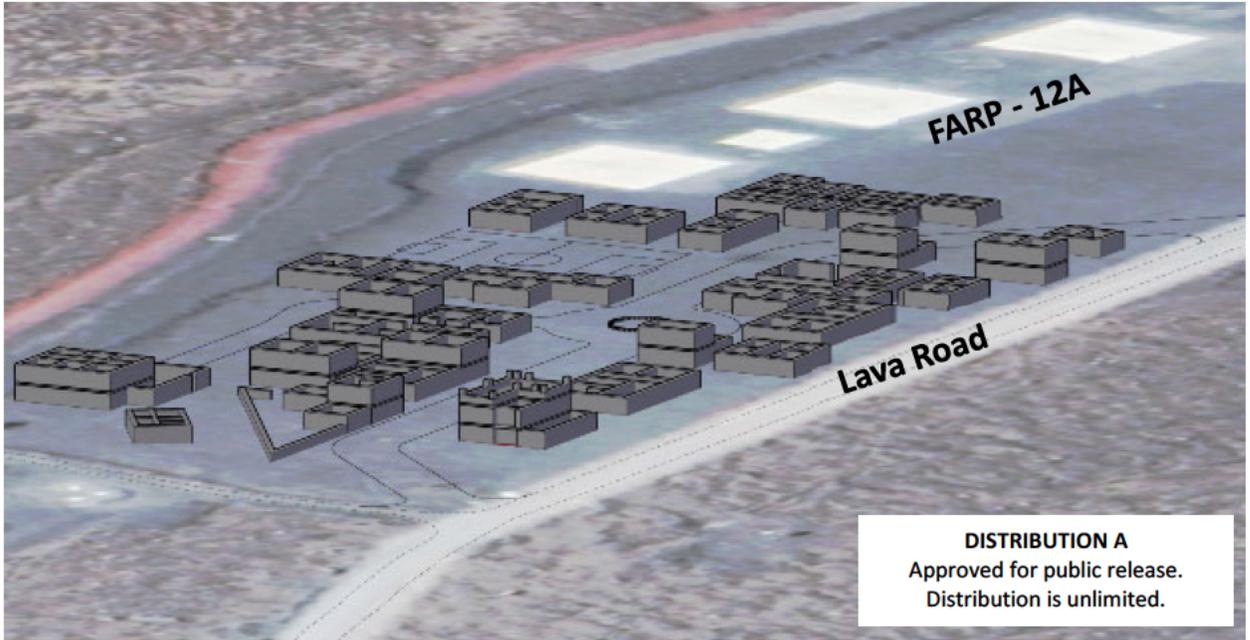


Figure 4 (PTA Concept Site Plan 3D View)



Figure 5 (PTA Site)



Figure 6 (PTA Site)



Figure 7 (Typical SACON MOUT)



Figure 8 (Typical SACON MOUT)

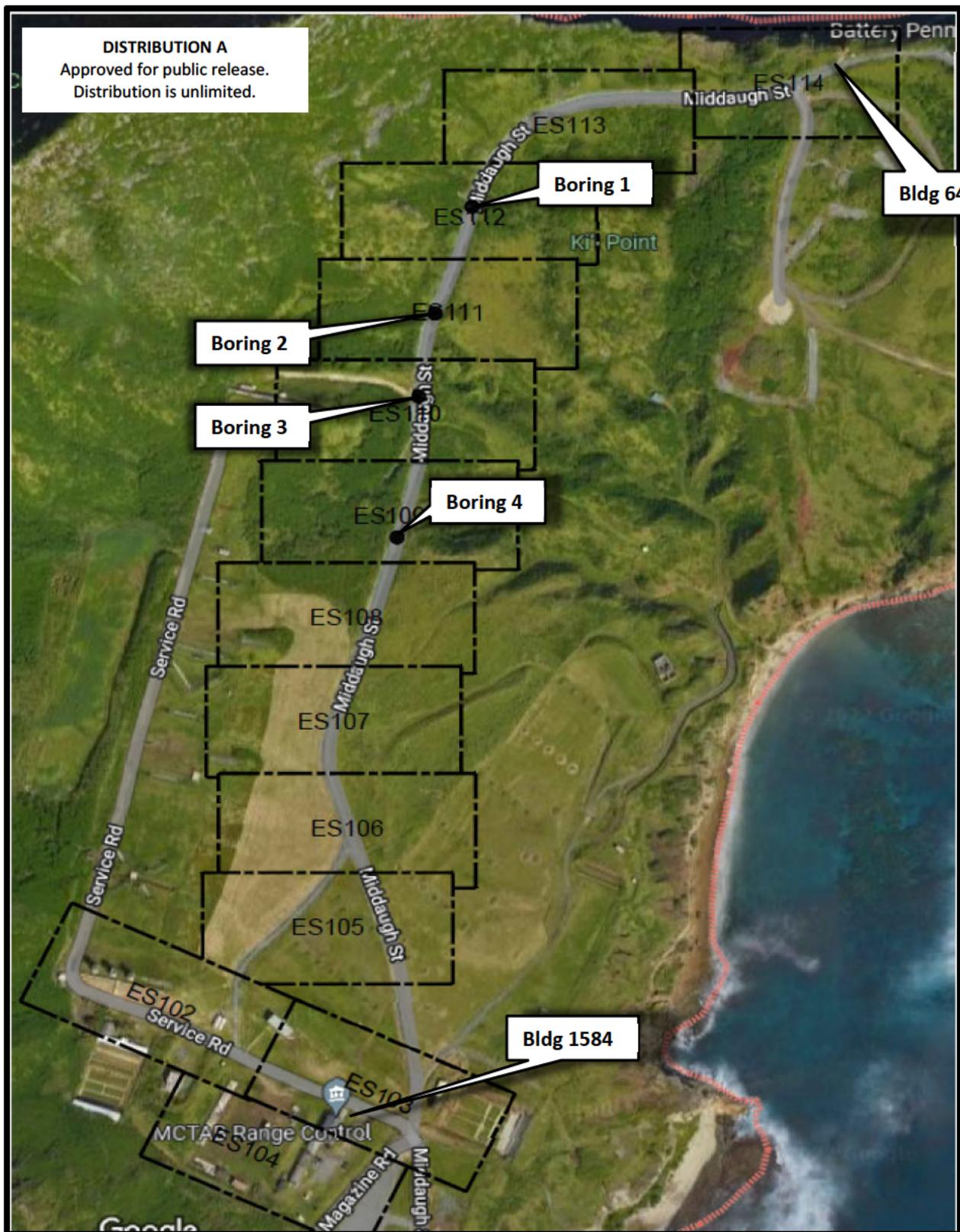


Figure 10 (MCBH Soil Boring Locations)

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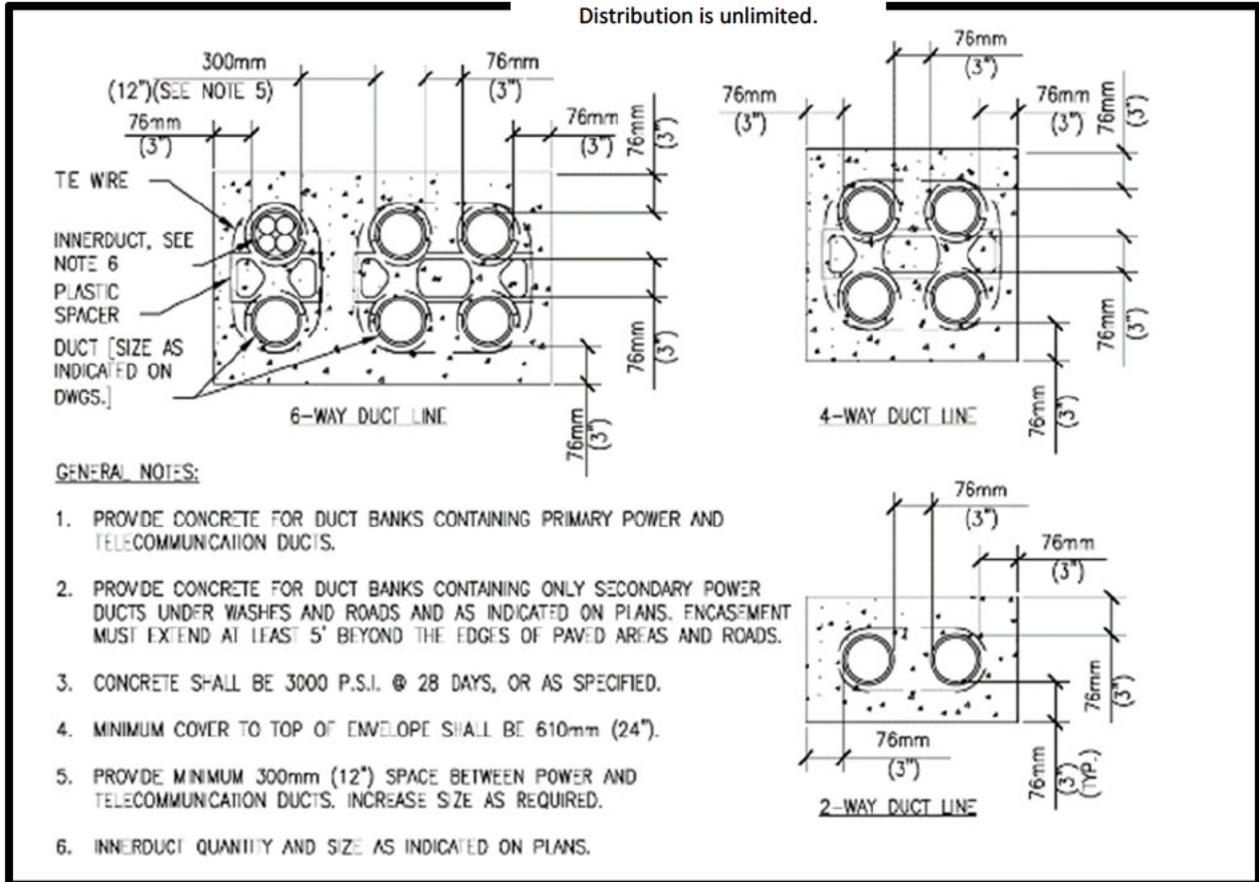
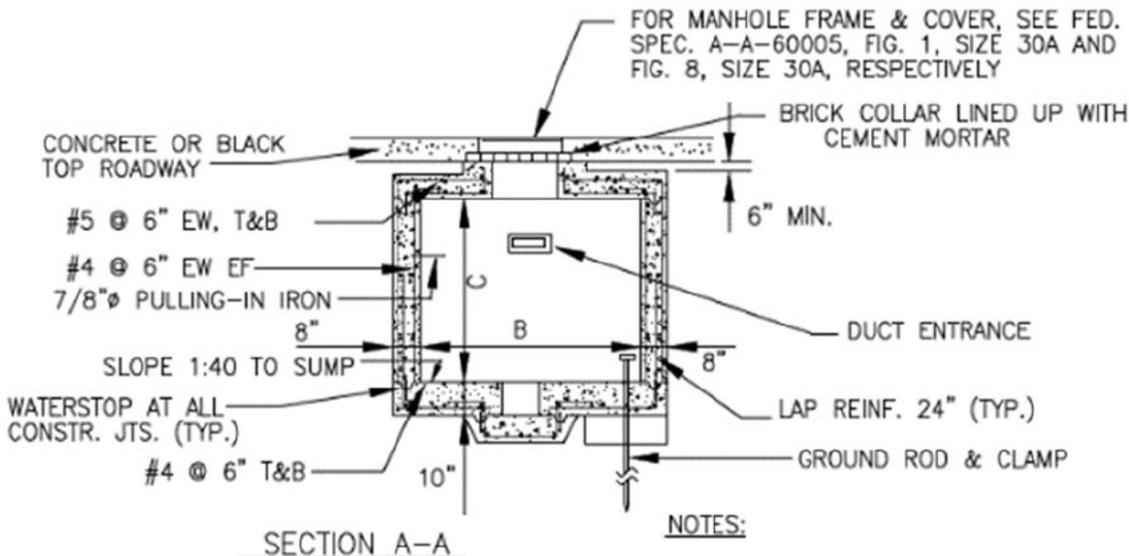
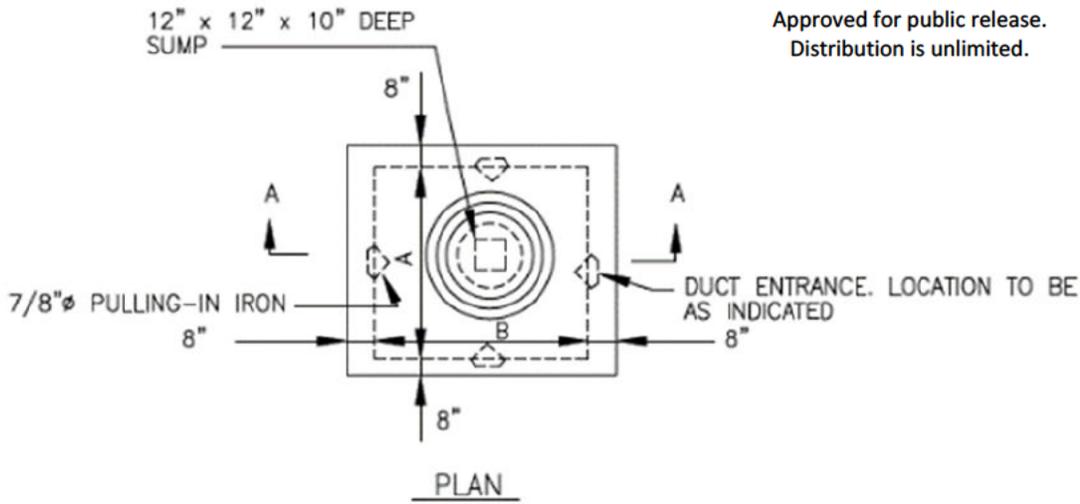


Figure 11 (MCBH Trench Detail)

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- NOTES:**
1. MANHOLE AND COVERS ARE DESIGNED FOR MAXIMUM WHEEL LOAD IN ACCORDANCE WITH AASHTO HS20-44.
 2. FOR DETAILS OF CABLE RACKS, DUCT ENTRANCE AND PULLING-IN IRONS, SEE PLATE UG-7.
 3. MINIMUM CONCRETE COMPRESSIVE STRENGTH SHALL BE 3000 PSI.

MANHOLE DIMENSIONS			
TYPE	A	B	C (AT HIGH PT.)
3	6'-0"	6'-0"	6'-6"
4	6'-0"	8'-0"	6'-6"

STANDARD ELECTRICAL MANHOLE (TRAFFIC)
 TYPES 3 & 4

SKETCH DATE JUNE 2002 STYLE UG-2

Figure 12 (MCBH Electrical Manhole Detail)

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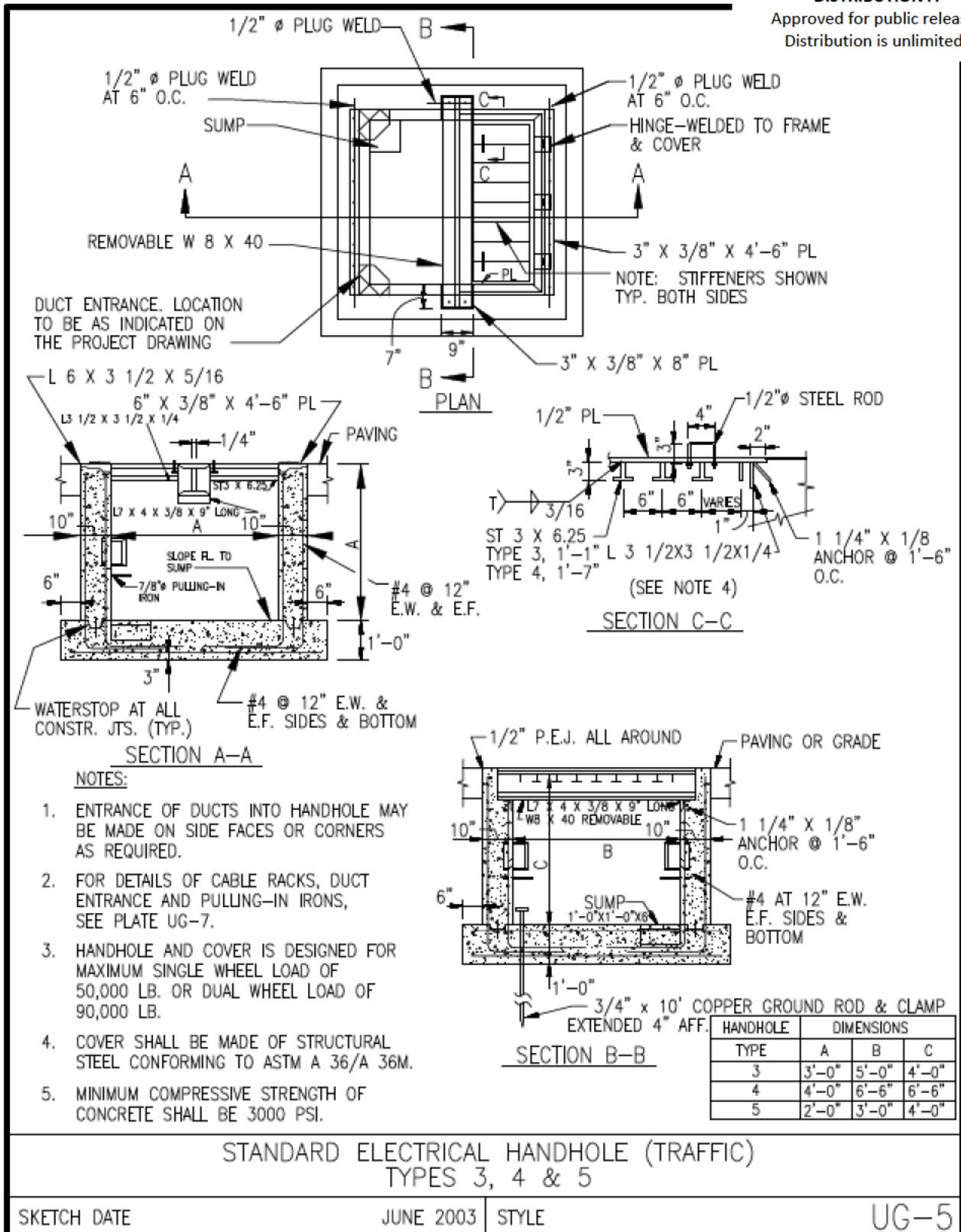
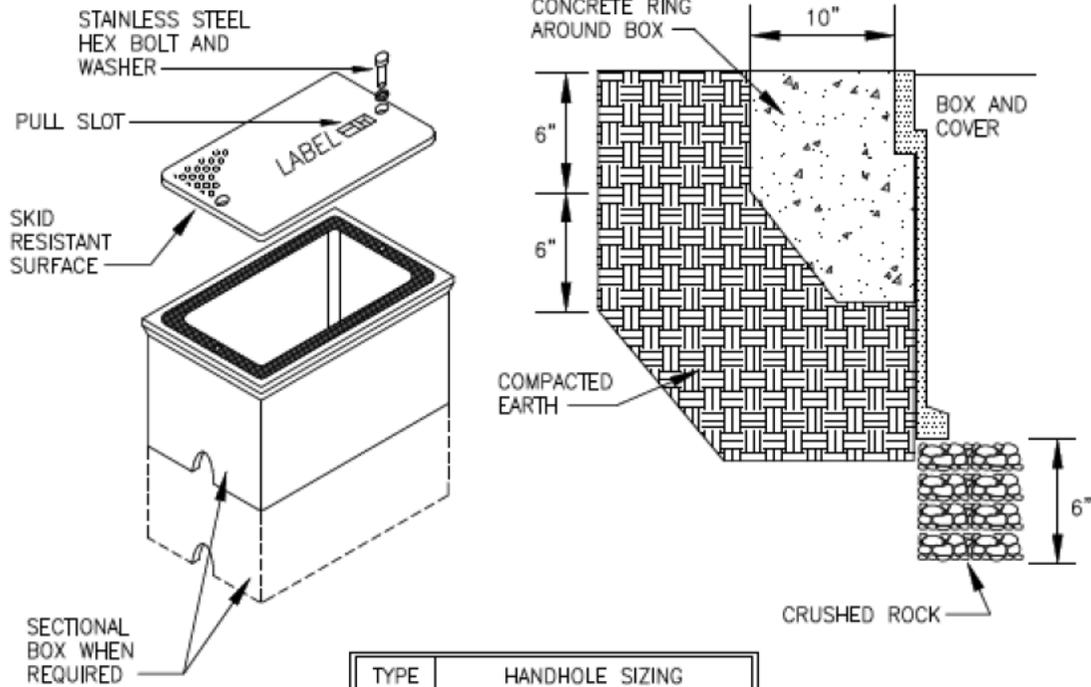


Figure 13 (MCBH Electrical Handhole Detail)

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TYPE	HANDHOLE SIZING
5	12" X 12" X 24" DEEP
6	12" X 18" X 24" DEEP
7	12" X 24" X 24" DEEP
8	24" X 36" X 24" DEEP
9	17" X 30" X 36" DEEP

HANDHOLE REQUIREMENTS

1. HOUSING SHALL BE A POLYMER CONCRETE REINFORCED WITH A HEAVY WEAVE FIBERGLASS REINFORCING WITH COMPRESSIVE STRENGTH OF NO LESS THAN 10,000 PSI.
2. COVER AND BOX SHALL WITHSTAND A SERVICE LOAD OF NO LESS THAN 15,000 LBS OVER A 10" x 10" AREA.
3. PROVIDE STAINLESS STEEL BOLTS AND INSERTS.
4. PROVIDE WITH (2) 2 1/2" MOUSEHOLES.
5. PROVIDE LABEL "ELECTRICAL" FOR POWER HANDHOLES OR "TELEPHONE" FOR TELEPHONE HANDHOLES, OR AS INDICATED.

STANDARD ELECTRICAL HANDHOLE (NONTRAFFIC)
 (COMPOSITE/FIBERGLASS) TYPES 5, 6, 7, 8 & 9

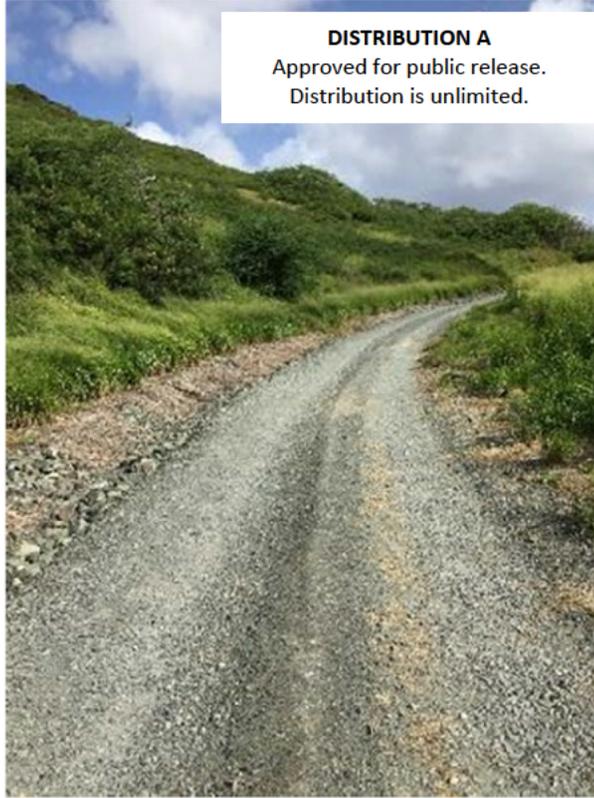
SKETCH DATE

JUNE 2002

STYLE

UG-6

Figure 14 (MCBH Electrical Handhole Detail)



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Figure 15 (MCBH Middaugh St)



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Figure 16 (MCBH Middaugh St)