The information found in this document are general guidelines that may be used to aid in the preparation of your service request proposal. Please be advised that depending on the specific needs and actual conditions of your project, Hawaiian Electric may require your design to comply with different specifications including specifications that include more stringent requirements than those included in these design specification guidelines. For further guidance and clarification on the actual specifications that will apply to your particular project, please refer to instructions issued by Hawaiian Electric’s Planner or Engineer who is assigned to your particular (Project/Review Request/…). Additionally, please be advised that Hawaiian Electric reserves the right to require additional modifications to any approved design if it is determined during actual construction that additional modifications must be made to address certain field conditions that were not detected or Hawaiian Electric was unaware of during the design review process.
The depth and width for the main trench shall normally be as shown in this detail, unless indicated otherwise on the work print. The HECO & HTCO Engineering Dept. shall specify wider trenches when necessary to adequately accommodate cables and/or conduit with all of the cables and/or conduit occupying the trench floor.

Std. 30-1010 Typical Backfill Details
TYPICAL TRENCHING DETAIL
UNDER SIDEWALK WITH
DIRECT BURIED CONDUITS

See Trench Backfill Detail

See Sheet 2 for Notes

H.T.CO. SERVICE CABLES
H.T.CO. MULTI-PAIR CABLE OR CONDUIT
HECO PRIM. CABLES
HECO SEC. CABLES

MOUNT 1/2" SEPARATION BETWEEN HECO AND HTO

TYP. AS SPEC'D

HECO DIRECT BURIED SCHEDULE 40 PVC CONDUITS

SEE SHEET 2 FOR NOTES

TYPICAL CURB TRENCHING
UNDER SIDEWALK
U.G. SYSTEMS

SUPERSEDES

ENGINEERING STANDARD
HAWAIIAN ELECTRIC CO INC.

DRAWN
N/A

DESIGNED
N/A

APPD.

REVISION
N/A

PAGE
1

REDRAWN SEP'T 1985
N/A

ORIGINAL 3/14/70
N/A

SHEET 3

22-1012

1
The number and sizes of conduits for road crossings shall be specified by the HECO and HTCo for each project.
CONDUIT SERVICE TRENCH DETAIL

SERVICE TRENCHING WITHIN CUSTOMER'S PROPERTY

FIGURE 4

TYPICAL URD TRENCHING
WITHIN CUSTOMER'S PROPERTY
UG SYSTEMS