

EDMONDSON ENGINEERS

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DURHAM
TECHNICAL
COMMUNITY
COLLEGE

SCO PROJECT
NUMBER
17-16794-01A

Electrical Site Plan & Details

DTW
**Architects &
Planners, Ltd.**
229 North Gregson Street
PO Box 3636
Durham, NC 27702
919.317.4020

Revisions

Drawn KFF

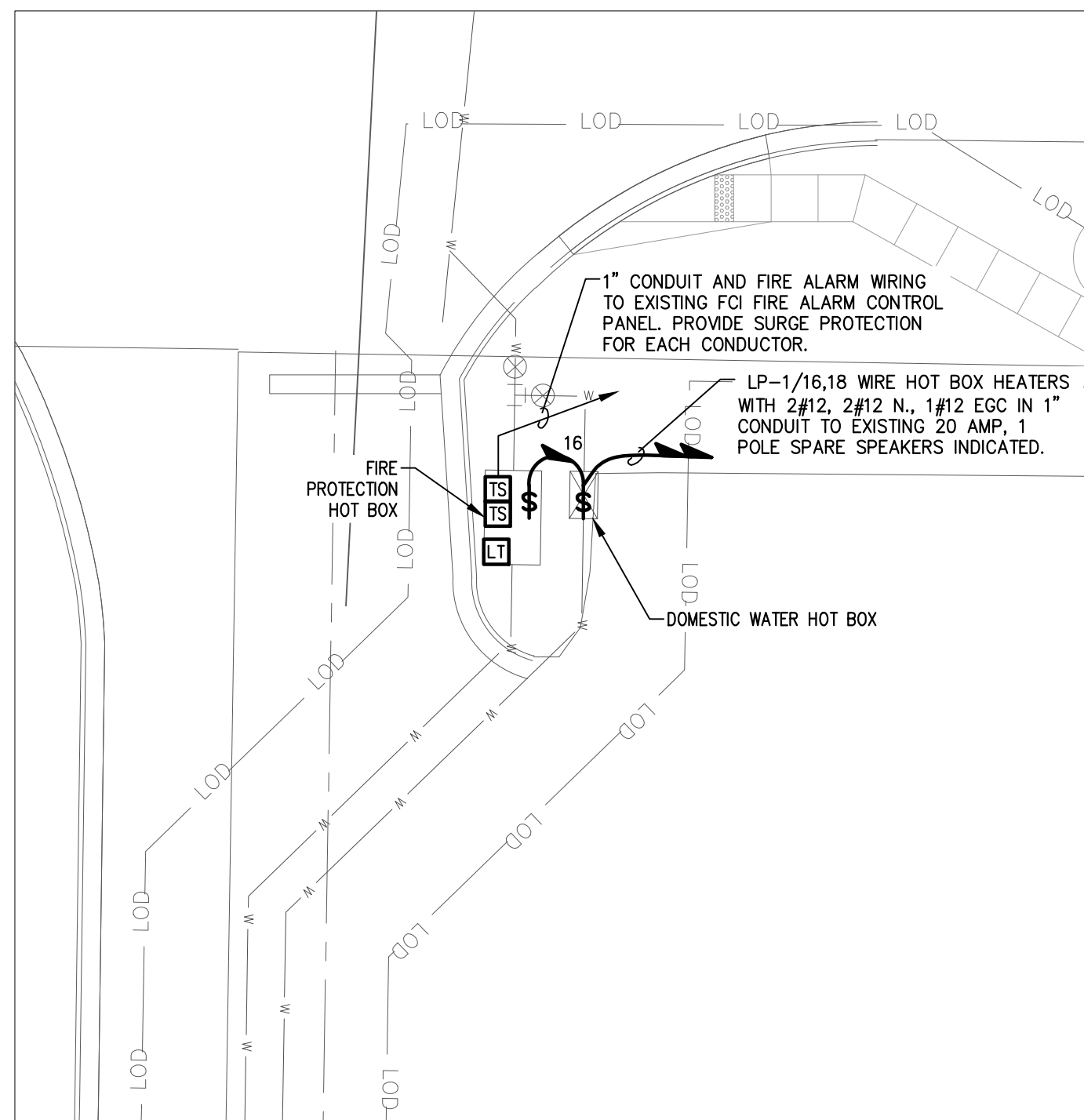
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Date SEPTEMBER 17, 2018

Sheet

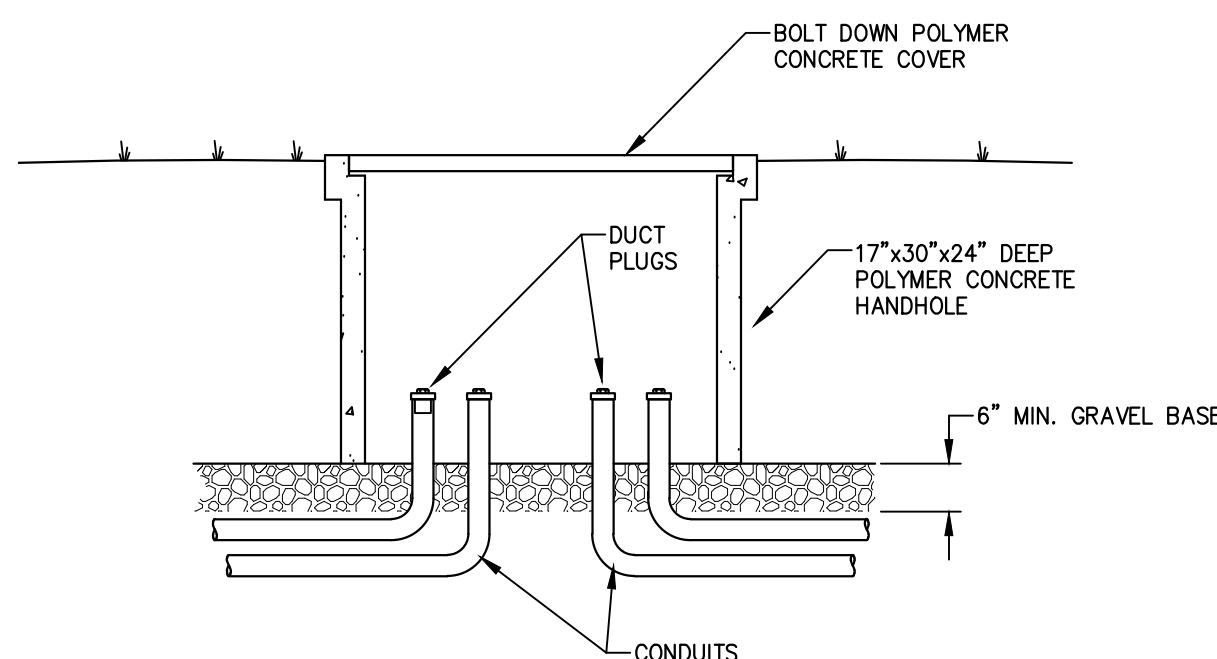
ES1.0

Of



2 Enlarged Hot Box Plan

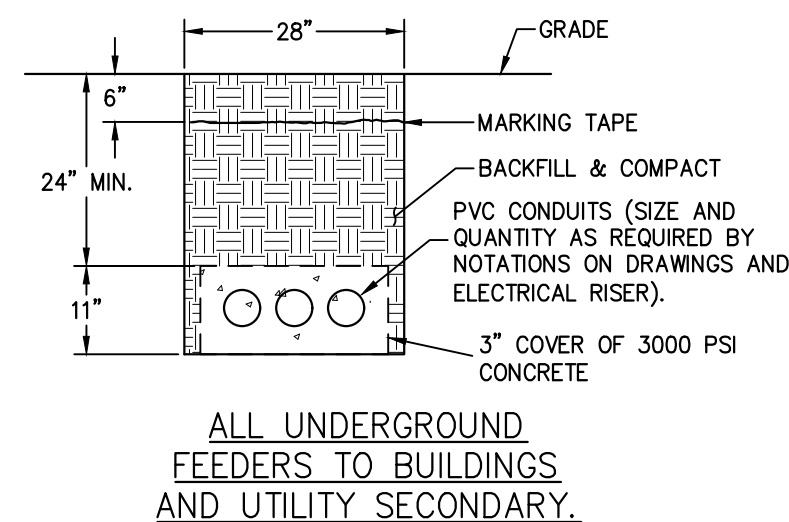
ES1.0 SCALE: $1/16" = 1'-0"$



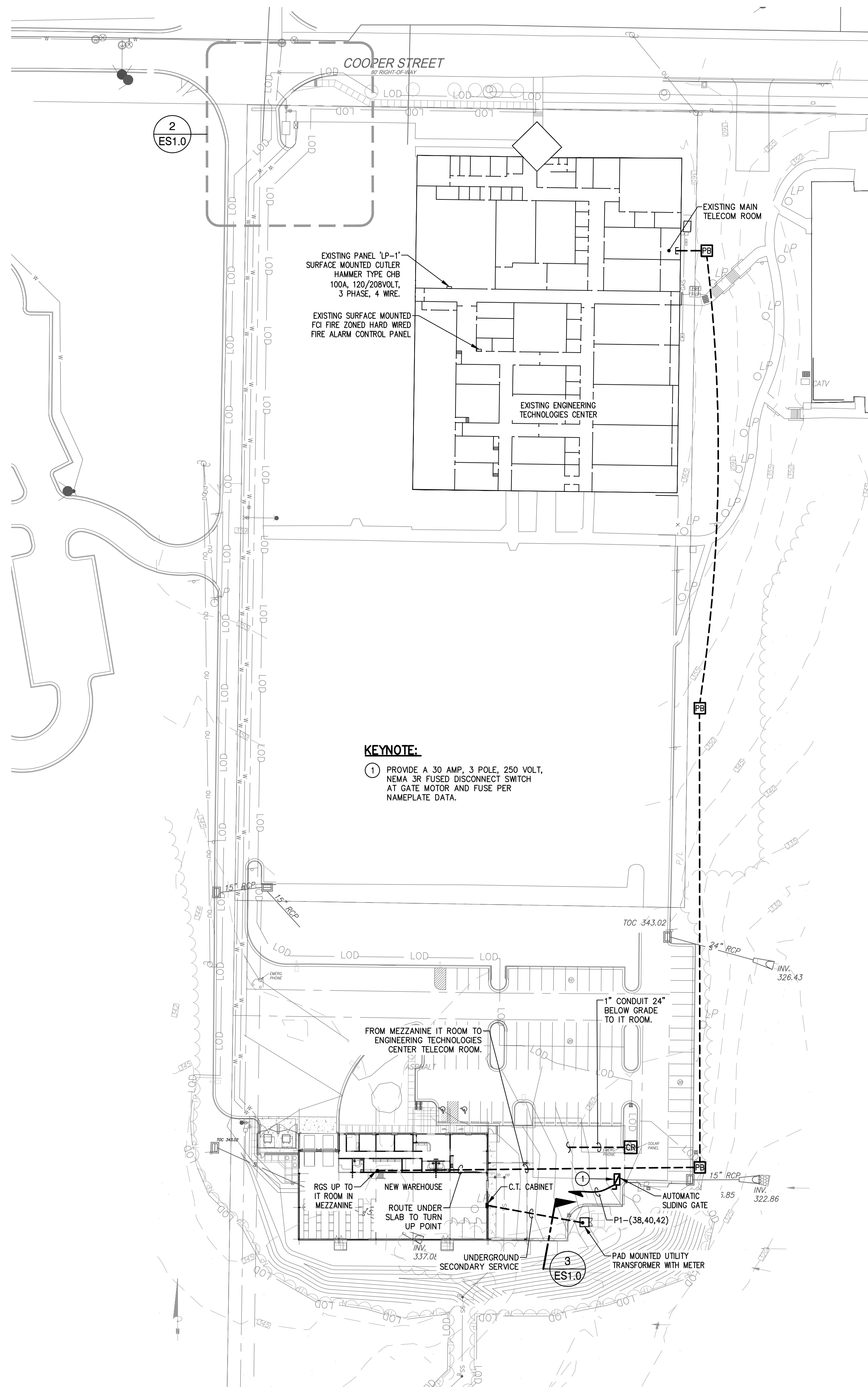
1. HANDHOLE AND COVER TO BE PRECAST POLYMER CONCRETE.
2. HANDHOLE AND COVER TO BE UL LISTED.
3. COVER SHALL BE PROVIDED WITH THE LOGO – "TELECOMMUNICATIONS".
4. HANDHOLE SHALL BE STRAIGHT SIDED.
5. COVER SHALL BE BOLT DOWN TYPE PROVIDED WITH TAMPER PROOF STAINLESS STEEL HARDWARE.
6. GRAVEL BASE SHALL BE TAMPED DOWN WITH COMPACTING DEVICE AND SHALL BE 6" THICK MINIMUM AFTER COMPACTION.
7. TOP OF HANDHOLE SHALL BE LEVEL WITH GRADE
8. BACKFILL AROUND HANDHOLE WITH COVER IN PLACE
9. TAMP BACKFILL AND RESTORE AREA AROUND HANDHOLE TO ORIGINAL CONDITION.
10. ALL DUCTS SHALL BE PROVIDED WITH DUCT PLUGS THAT ARE REMOVABLE, REUSABLE, CORROSION PROOF AND WATER TIGHT. ADDITIONALLY THEY SHALL INCLUDE A PULL ROPE ATTACHMENT. USE SPLIT PLUGS FOR CONDUIT WITH CIRCUIT CONDUCTORS.
11. HANDHOLE SHALL BE QUARTZITE OR APPROVED EQUAL.

4 Handhole Installation Detail

ES1.0 SCALE: NONE



3 Electrical Ductbank Detail



1 Electrical Site Plan
ES1.0 SCALE: 1" = 50'