NOTE:
1.0 IF CONDUIT RUN IS OVER 100', CHANGE 3/4" TO 1"
2.0 INSTALL PULL BOXES FOR EACH LINE AS REQUIRED BY CODE.
3.0 PAINT FINISH YARNELL BROWN ON POLE AND LIGHT FIXTURE HOUSING TELEPHONE BOX TO BE YELLOW AS PROVIDED BY MANUFACTURER.
4.0 TELEPHONE BOX WILL BE PROVIDED BY CORNELL INFORMATION TECHNOLOGIES FOR INSTALLATION BY THE CONTRACTOR.

CUT-OFF ALL THREADS AND WELD TOGETHER GRIND OFF AND WELD FOR SMOOTH FINISH PRIME ALL BARE METAL BEFORE PAINTING

1" TO 3" BELL REDUCER
CROUSE-HINDS VMVC3A100/120 V/G26 BLUE LENS WITH P21 GUARD AND VPC 120 PHOTOCCELL 100W MV LAMP H38JA-100/DX

3" HEAVY WALL PIPE AND ELLS
STANDARD EMERGENCY TELEPHONE
WITH WATERPROOF COVER
1/4" STEEL PLATE SIZED FOR TELEPHONE BOX, WELDED TO POLE. WELD 4 EACH, 3/8" BOLTS TO PLATE WITH NUTS LOCATED INSIDE BOX TO PREVENT TAMPERING AFTER EQUIPMENT HAS BEEN INSTALLED.

PROVIDE FISH WIRE IN TELEPHONE CONDUIT
TOOLED EDGE, 1" RADIUS
SONOTUBE AFTER CONCRETE HAS CURED "SONOTUBE" FORM. REMOVED EXPOSED FINISH GRADE

TRACEABLE ELECTRICAL WARNING TAPE, 6" BELOW GRADE OVER ALL CONDUIT RUNS
3/4" RIGID STEEL CONDUIT STRAPPED TO POLE FOR TELEPHONE TRANSITION TO SCHEDULE 80 PVC FOR HOMERUN.
3/4" RIGID STEEL, WELDED INTO PIPE FOR ELECTRIC TRANSITION TO SCHEDULE 80 PVC CONDUIT FOR HOMERUN.
4/8" DIAMETER "COPPERWELD" GROUND ROD, EIGHT (8) FEET LONG, BONDED TO LIGHT POLE AND GROUNDING CONDUCTOR

***ATTENTION***
Any changes in design or construction from what is shown on this document, must be reviewed and approved by an Infrastructure Engineer.

DESIGN and CONSTRUCTION STANDARD
CORNELL UNIVERSITY

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