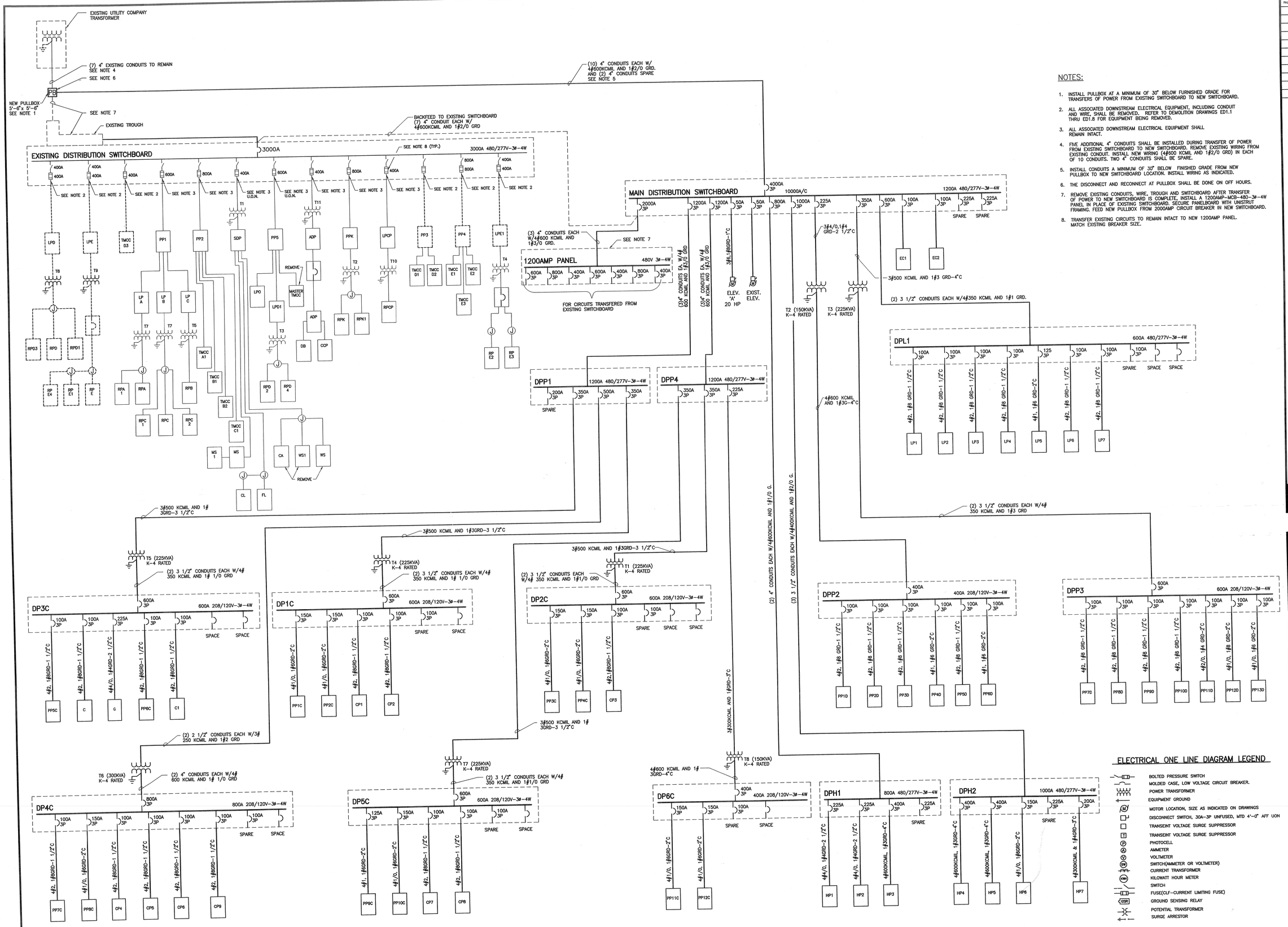

ELECTRICAL ONE LINE CONDUIT RISER DIAGRAM

NOT TO SCALE

NOTES:

1. INSTALL PULLBOX AT A MINIMUM OF 30" BELOW FURNISHED GRADE FOR TRANSFERS OF POWER FROM EXISTING SWITCHBOARD TO NEW SWITCHBOARD.
2. ALL ASSOCIATED DOWNSTREAM ELECTRICAL EQUIPMENT, INCLUDING CONDUIT AND WIRE, SHALL BE REMOVED. REFER TO DEMOLITION DRAWINGS ED1.1 THRU ED1.8 FOR EQUIPMENT BEING REMOVED.
3. ALL ASSOCIATED DOWNSTREAM ELECTRICAL EQUIPMENT SHALL REMAIN INTACT.
4. FIVE ADDITIONAL 4" CONDUITS SHALL BE INSTALLED DURING TRANSFER OF POWER FROM EXISTING SWITCHBOARD TO NEW SWITCHBOARD. REMOVE EXISTING WIRING FROM EXISTING CONDUIT. INSTALL NEW WIRING (4#600 KCMIL AND 1#2/0 GRD) IN EACH OF 10 CONDUITS. TWO 4" CONDUITS SHALL BE SPARE.
5. INSTALL CONDUITS A MINIMUM OF 30" BELOW FINISHED GRADE FROM NEW PULLBOX TO NEW SWITCHBOARD LOCATION. INSTALL WIRING AS INDICATED.
6. THE DISCONNECT AND RECONNECT AT PULLBOX SHALL BE DONE ON OFF HOURS.
7. REMOVE EXISTING CONDUITS, WIRE, TROUGH AND SWITCHBOARD AFTER TRANSFER OF POWER TO NEW SWITCHBOARD IS COMPLETE. INSTALL A 1200AMP-MCB-480-3ø-4W PANEL IN PLACE OF EXISTING SWITCHBOARD. SECURE PANELBOARD WITH UNISTRUT FRAMING. FEED NEW PULLBOX FROM 2000AMP CIRCUIT BREAKER IN NEW SWITCHBOARD.
8. TRANSFER EXISTING CIRCUITS TO REMAIN INTACT TO NEW 1200AMP PANEL. MATCH EXISTING BREAKER SIZE.

Revisions

No.	Date	Description

Hillier

Architecture
Interior Design
Planning
Landscape Architecture
Construction Management
Graphic Design

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Certificate of Authorization

Signature and Seal LOUIS A. NORELLA III

Professional License No. 39149

Project

HIGH SCHOOL SOUTH

ADDITION AND RENOVATION
STATE PLAN #97151

Sheet Title

ELECTRICAL ONE LINE CONDUIT RISER DIAGRAM

Date 16 MAR 98	Project No. 97011
Scale NONE	Sheet No. E4.1
Drawn S.D.C.	
Checked D.E.R.	