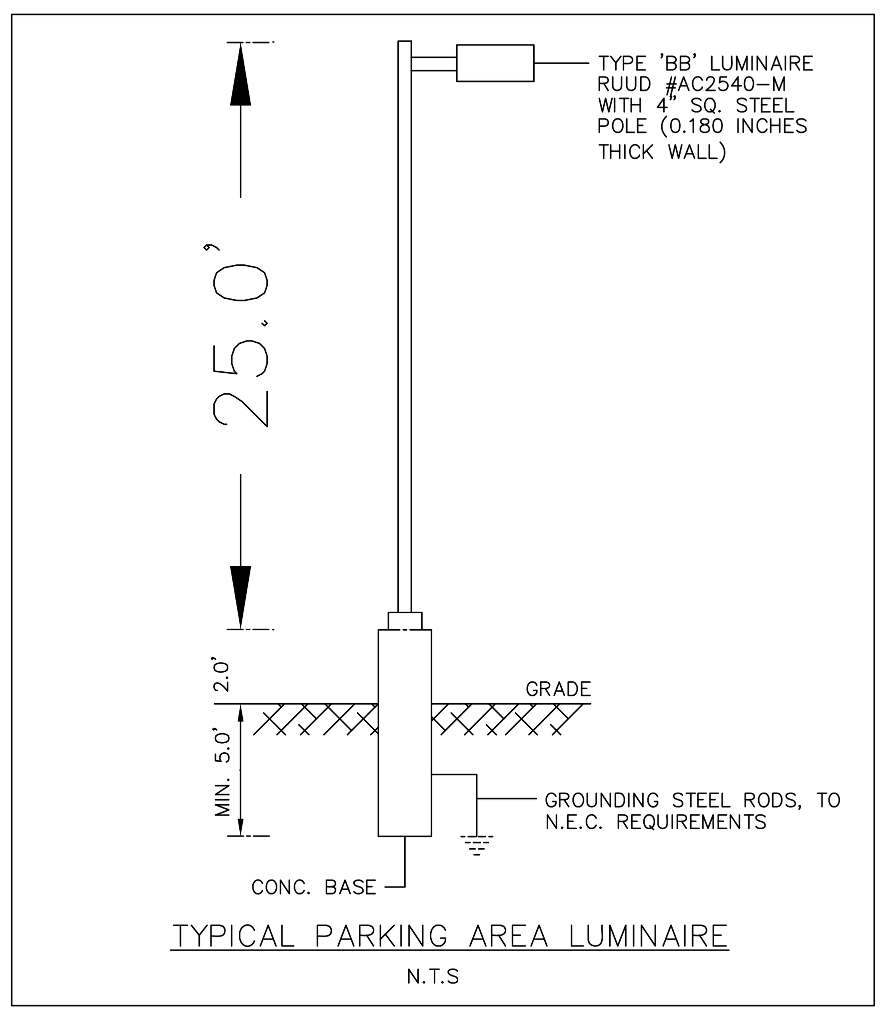
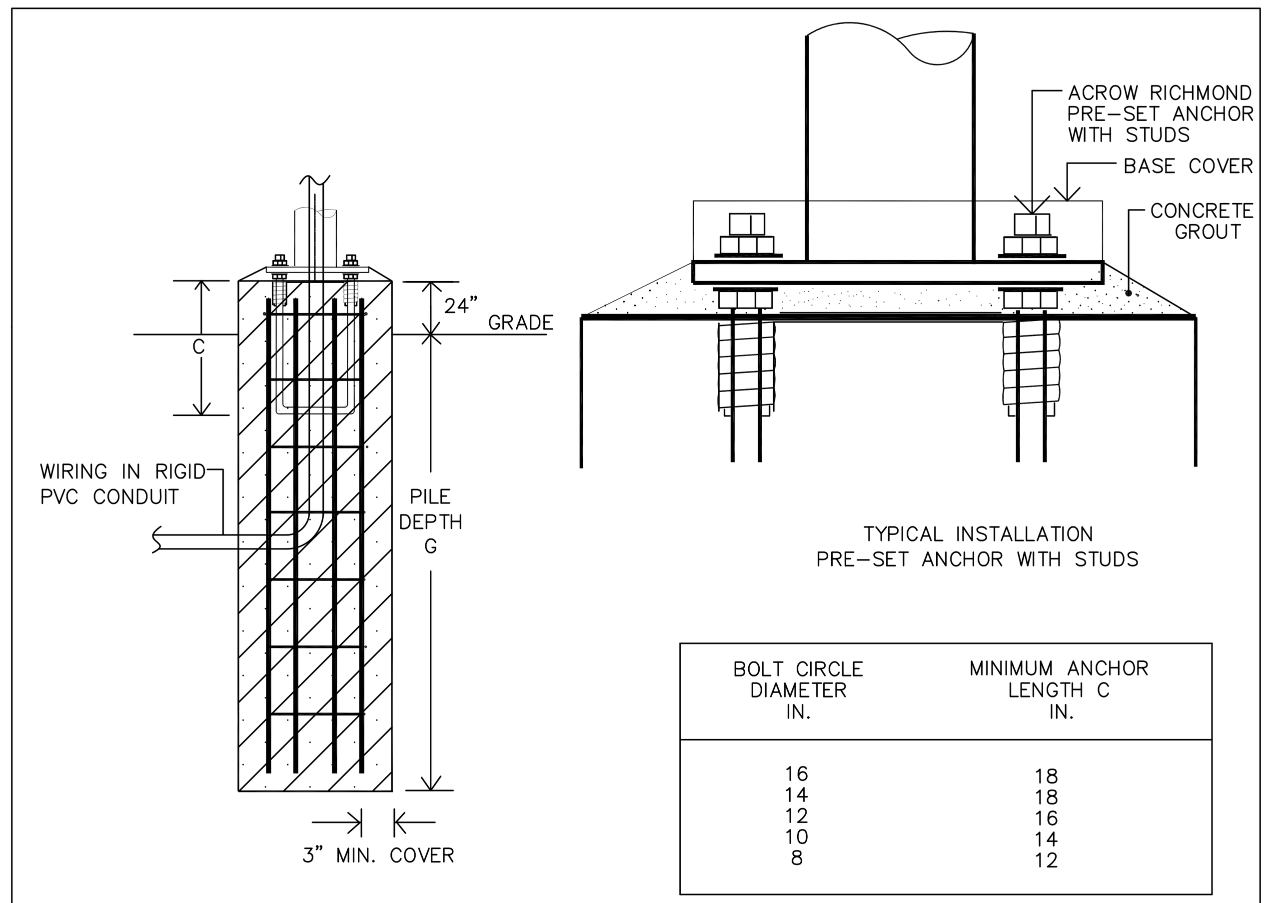


TYPICAL PARKING AREA LUMINAIRE

N.T.S



BOLT CIRCLE DIAMETER IN.	MINIMUM ANCHOR LENGTH C IN.
16	18
14	18
12	16
10	14
8	12

BORED CONCRETE PILE

VERTICAL REINFORCING: 6–3/4" BARS
3/8" TIES AT 16"

MATERIALS: CONC. f'c = 3000 PSI
REINF.fy = 6000 PSI

MINIMUM PILE DIAMETER = 24"
MINIMUM BOLT SIZE = 1"
MINIMUM PILE DEPTH BELOW GRADE =60" TO UNDISTURBED BED LEVEL

PILE DEPTH G BELOW FINISHED GRADE

1. TO BE SELECTED BASED ON CALCULATED BASE SHEAR AND BASE MOMENT FOR WIND PRESSURE & EFFECTIVE PROJECTED AREA OF LUMINAIRES.

SUBMIT CALCULATIONS FOR APPROVED LUMINAIRES & POLES BEFORE INSTALLING

2. TO BE NOT LESS THAN 60" BELOW FINISHED GRADE.

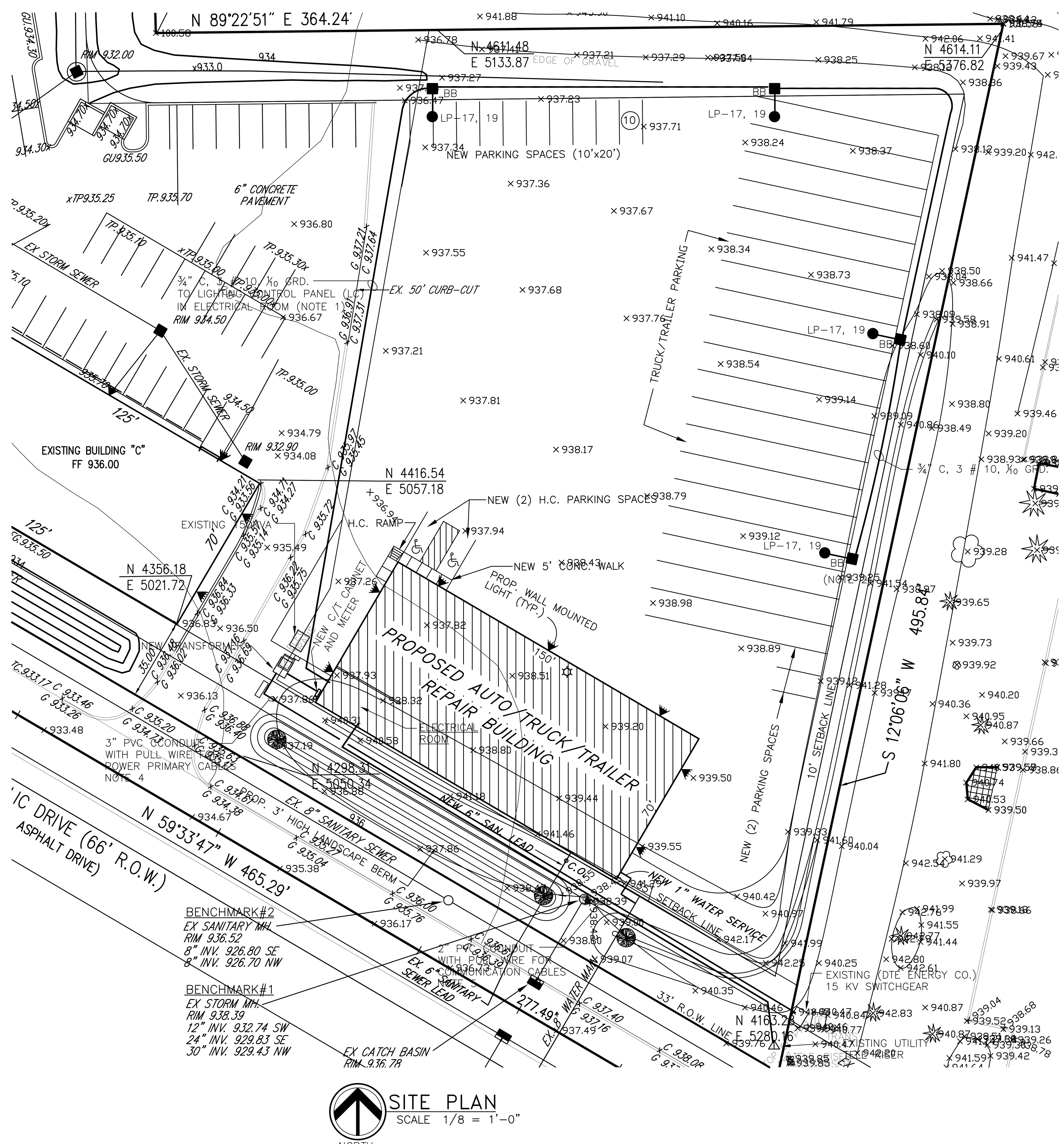
3. TOP OF BASE ABOVE FINISHED GRADE AS SPECIFIED. IN EXCESS OF 6", INCREASE TO 8 VERTICAL REINFORCING BARS, AND INCREASE ANCHOR LENGTH BY 12".

TYPICAL BASE FOR LIGHTING POLES

N.T.S

DRAWING NOTES:

1. UNDER GROUND CONDUIT SHALL BE LAID 2'–6" BELOW THE FINISH GRADE.
2. REFER TO SHEET E0.0.01 FOR SITE LIGHTING FIXTURE SCHEDULE
3. REFER TO SHEET E6.1.01 FOR POWER DISTRIBUTION SYSTEM ONE LINE DIAGRAM
4. RUN 3" UNDERGROUND PVC CONDUIT FOR PRIMARY CABLES TO AN EXISTING DTE ENERGY PRIMARY SWITCH BOX. TRANSFORMER AND 15 KV CABLES WILL BE PROVIDED AND INSTALLED BY UTILITY CO. MINIMUM DEPTH REQUIRED FOR UNDERGROUND PRIMARY CONDUIT IS 2'–6" BELOW FINISHED GRADE. COORDINATE WITH DTE ENERGY BEFORE STARTING PRIMARY POWER WORK.
5. PROVIDE AND INSTALL UNDERGROUND 2" PVC CONDUIT WITH PULL WIRE FROM THE TELEPHONE CO. RISER TO THE ELECTRICAL ROOM AND STUB UP NEXT TO THE TELE. BACKBOARD.



SITE PLAN
SCALE 1/8 = 1'–0"

TRUCK & REPAIR, INC.

FES GROUP
Facility Engineering Services
28036 Oakland Oaks Ct.
Wixom, MI 48393
Phone: (248) 344-2800
Fax: (248) 344-1650
Web: www.fesgroupllc.com

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BIDS	03–23–09
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BIDS	01–06–09

Accurate Auto Carriers
Maintenance Facility

In Charge: JD
Designed: JS
Drawn: JS
Checked: JS
Approved: G.B Date: 1/6/09
Sheet Title:
SITE LIGHTING

Job Number: MI–08060
Sheet Number: E1.0.01