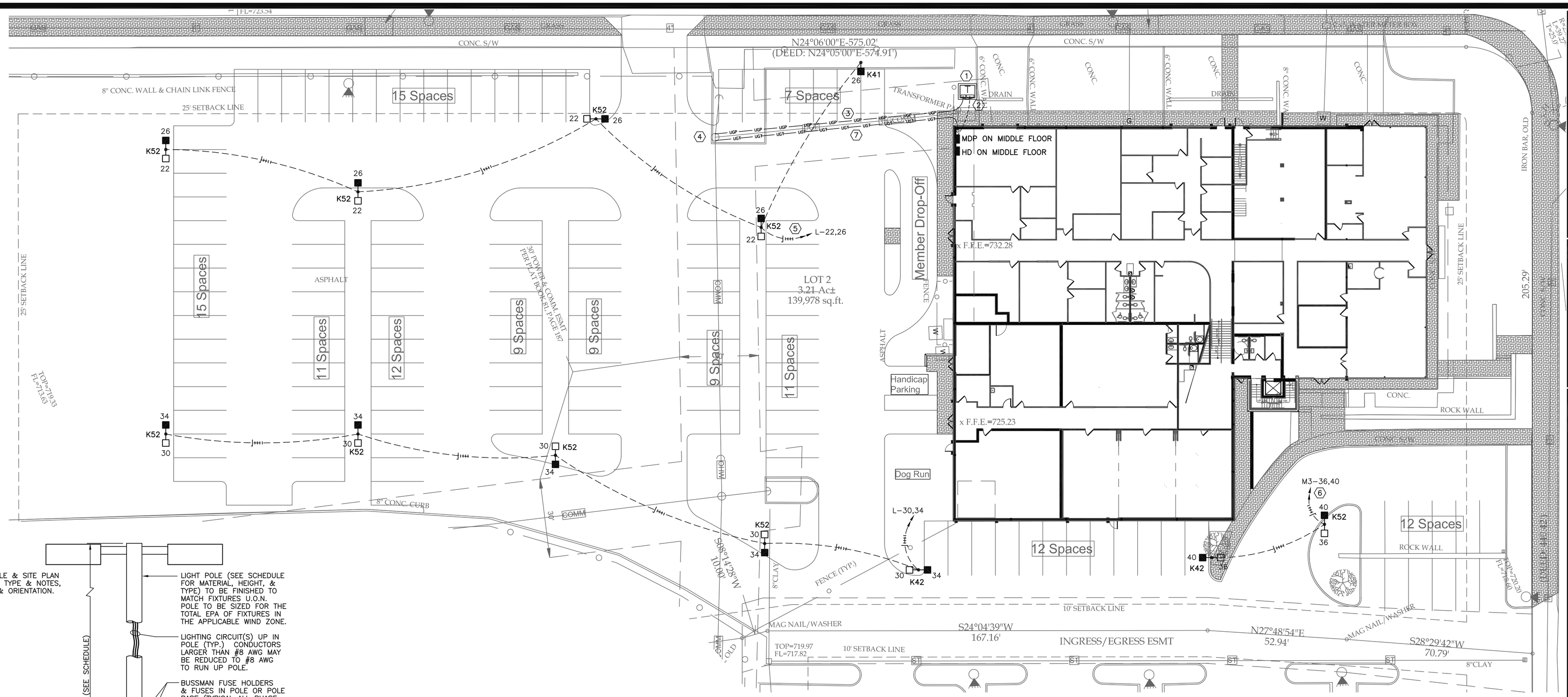
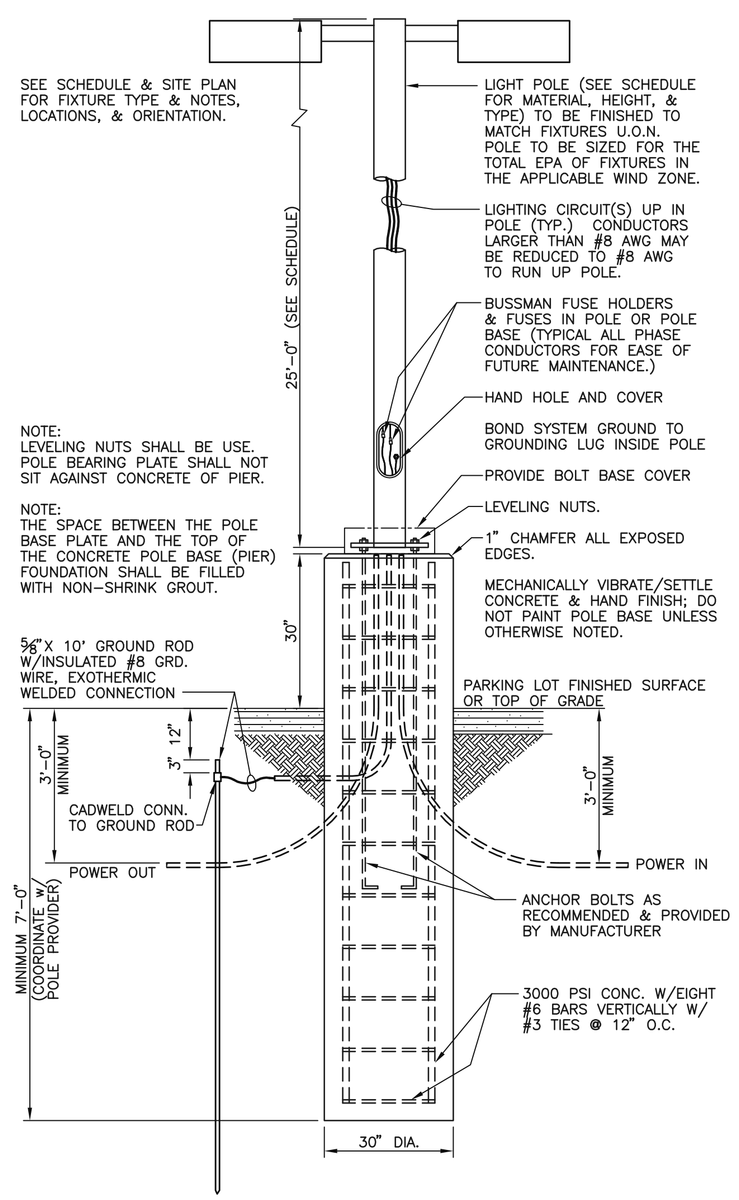


SITE ELECTRICAL PLAN

SCALE: 1" = 20'-0"

SITE ELECTRICAL NOTES:

1. EXISTING TRANSFORMER IS TO BE REMOVED; NEW TRANSFORMER LOCATION IS FARTHER FROM BUILDING TO CLEAR SIDEWALK. E.C. IS TO PROVIDE NEW TRANSFORMER PAD (TO E.P.B.'S SPECS), REWORK EXISTING METERING & PRIMARY TO NEW LOCATION, & PROVIDE NEW UNDERGROUND SECONDARY.
2. E.C. TO PROVIDE NEW UNDERGROUND SECONDARY AS SHOWN ON ONE-LINE DIAGRAM ON SHEET E5.1 FROM NEW TRANSFORMER TO SERVICE EQUIPMENT.
3. E.C. TO REWORK EXISTING UNDERGROUND PRIMARY PER E.P.B.'S REQUIREMENTS TO NEW TRANSFORMER LOCATION. COORDINATE REQUIRED WORK w/E.P.B. PRIOR TO BID. COORDINATE REPAIRS TO EXISTING PARKING LOT w/G.C.
4. E.C. TO FIELD VERIFY LOCATION OF EXISTING UTILITY POLE (WHERE EXISTING OVERHEAD PRIMARY DISTRIBUTION LINES TRANSITION TO EXISTING UNDERGROUND PRIMARY DISTRIBUTION LINES) & EXACT ROUTING OF UNDERGROUND PRIMARY & PHONE SERVICE w/E.P.B. & BELLSOUTH.
5. HOME RUN UNDERGROUND TO PANEL "L" w/8#6 & #6 GND IN 1½" CONDUIT (SCH. 80 PVC WITH MIN. 36" COVERAGE OR 2" CONCRETE ENCASEMENT OUTSIDE, 1½" IMC INSIDE EXPOSED UP TO 10'-0" A.F.F., 1½" EMT INSIDE CONCEALED OR OVER 10'-0: A.F.F.)
6. HOME RUN UNDERGROUND TO PANEL "M3" w/4#8 & #8 GND IN 1¼" CONDUIT (SCH. 80 PVC WITH MIN. 36" COVERAGE OR 2" CONCRETE ENCASEMENT OUTSIDE, 1¼" IMC INSIDE EXPOSED UP TO 10'-0" A.F.F., 1¼" EMT INSIDE CONCEALED OR OVER 10'-0: A.F.F.)
7. E.C. TO REWORK EXISTING UNDERGROUND TELEPHONE SERVICE CONDUIT(S) AS REQUIRED. IF NEW TELEPHONE SERVICE IS REQ'D (DUE TO RELOCATION OF EXISTING UNDERGROUND PRIMARY), PROVIDE TWO 4" CONDUITS.



POLE BASE DETAIL – 25' STEEL POLE (27'-6" MOUNTING HEIGHT) 16540-40

NOT TO SCALE

C&A No. C&A# 06-025

CAMPBELL & ASSOCIATES, INC.
CONSULTING ENGINEERS
651 E. 4th St. Chattanooga, TN 37403
(423) 267-9718 Fax: (423) 265-7879
E-mail: caengrs@caengrs.com
www.caengrs.com

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AIM Center Headquarters

West Martin Luther King Boulevard
Chattanooga, Tennessee

file: 140.05

date: SEPT 8 2006

Architects • Planners • Interiors
651 East Fourth Street, Suite 500
Chattanooga, Tennessee 37403
423.756.5046 (v) 423.756.8021 (f)
www.twharch.com

TWH Architects, Inc.

JOHN F. GERM
REGISTERED ARCHITECT
AGRICULTURE
No. 8589
STATE OF TENNESSEE

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