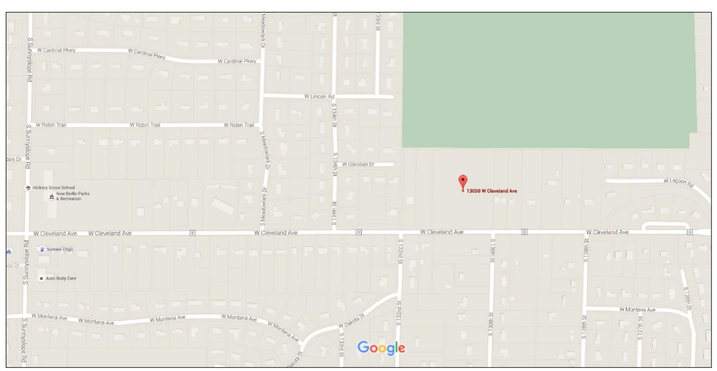
GRAND HILLS CASTLE

FORTY-ONE BED COMMUNITY BASED RESIDENTIAL FACILITY

PROJECT LOCATION:
13050 W. CLEVELAND AVENUE
NEW BERLIN, WI 53151

OWNER:
CASTLE SENIOR LIVING
10521 W. LAYTON AVE.
SUITE 201
GREENFIELD, WI 53228

DEVELOPER:
MAGILL CONSTRUCTION COMPANY, INC.
977 KOOPMAN LANE
ELKHORN, WI 53121
262-723-2283



VICINITY MAP
SCALE - NOT TO SCALE

SHEET INDEX

COVER
C-1 PROJECT COVER SHEET

ARCHITECTURAL
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A-3 UNIT FLOOR PLANS
A-8 ELEVATIONS
A-20 DUMPSTER ENCLOSURE DRAWINGS

ELECTRICAL-LIGHTING
E-01 ELECTRICAL LIGHTING SITE PLAN
E-02 ELECTRICAL LIGHTING SITE PLAN - LIGHTING LEVELS

JOB NUMBER
MAG-2808-116
DATE
11 / 14 / 2016

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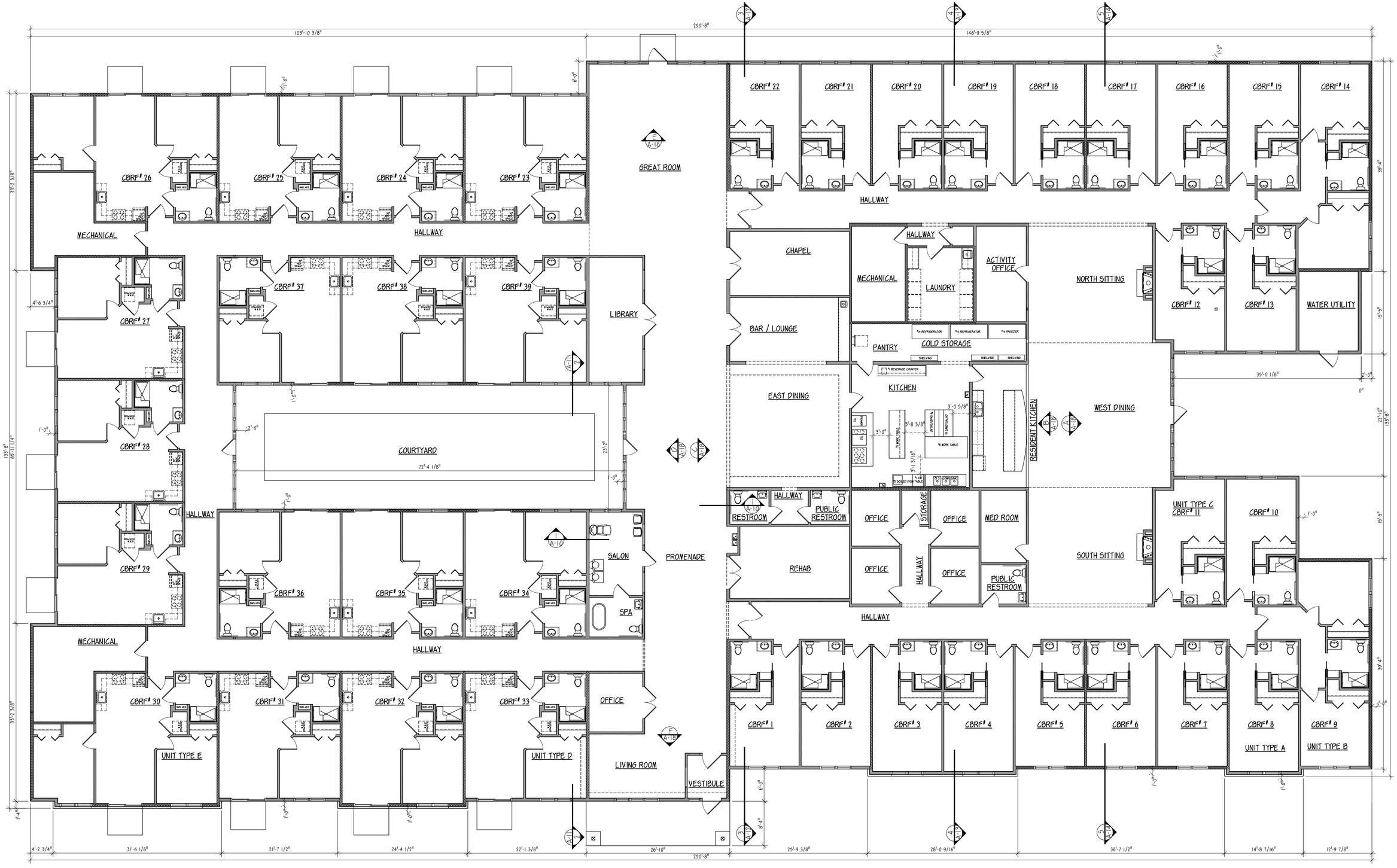
ARCHITECTS/PLANNERS
P.O. BOX 202, GRAFTON, WI. 53024
www.NEWHORIZONVENTURES.com
262-377-4730 or 262-375-2397



SHEAR WALL (1 HR.)
ONE HOUR FIRESTOP WALL
BEARING WALL/SHEAR WALL (1 HR.)

* ALL EXTERIOR WALLS ARE 1 HOUR RATED.
SEE SHEET A-16 FOR ALL RATED ASSEMBLY DETAILS

NORTH

OVERALL FLOOR PLAN

SCALE: 1/8" = 1'-0"

GROSS SQUARE FOOTAGE = 32,120
INCLUDES 1612 SQUARE FEET COURTYARD

NOTE:
OCCUPANCY - GROUP, I-2 INSTITUTIONAL
TYPE OF CONSTRUCTION - VA
WOOD FRAME PROTECTED STRUCTURAL FRAME, BEARING WALLS AND ROOF CONSTRUCTION 1 HR. FIRE-RESISTANCE RATING.
CEILING PENETRATIONS TO MEET "UL" REQUIREMENTS FOR 1 HOUR FIRE RATED MEMBRANE PENETRATION.
PROVIDE AUTOMATIC SPRINKLER SYSTEM THROUGHOUT IN ACCORDANCE WITH NFPA 13.
PROVIDE COMPLETE N.F.P.A. 13 AUTOMATIC SYSTEM WITH RESIDENTIAL SPRINKLER HEADS IN ALL BEDROOMS, & ALL OTHER HABITABLE ROOMS & CORRIDORS. D.H.S. 83.48(8) 3 & 4.
PROVIDE INTERCONNECTED SMOKE DETECTION SYSTEM WITH BUILDING ALARM. D.H.S. 83.48(1)
PROVIDE HEAT DETECTION IN KITCHEN, EACH ENCLOSED COMPARTMENT OF ATTIC, FURNACE ROOM, AND LAUNDRY ROOM. D.H.S. 83.48(6)

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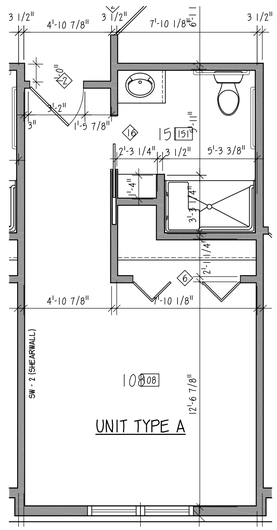
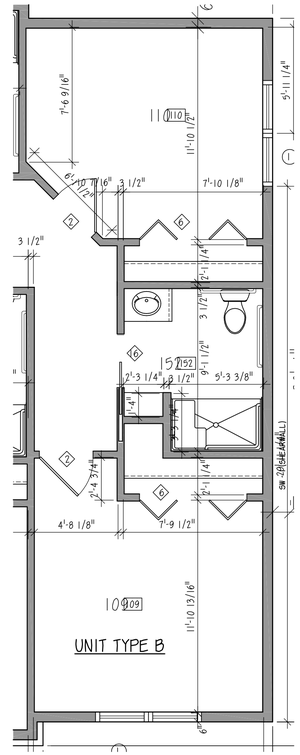
JOB NUMBER MAG-2808-116
DATE 11/14/2016
REVISIONS:

SHEET A-2

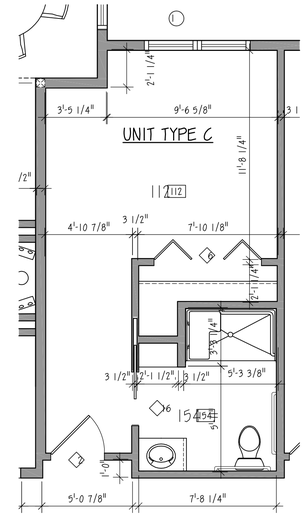
CHECKED BY: D.S.
DRAWN BY: D.S.



UNIT TYPE A FLOOR PLAN
SCALE: 1/4" = 1'-0"
18 UNITS SIMILAR



UNIT TYPE B FLOOR PLAN
SCALE: 1/4" = 1'-0"
2 UNITS SIMILAR



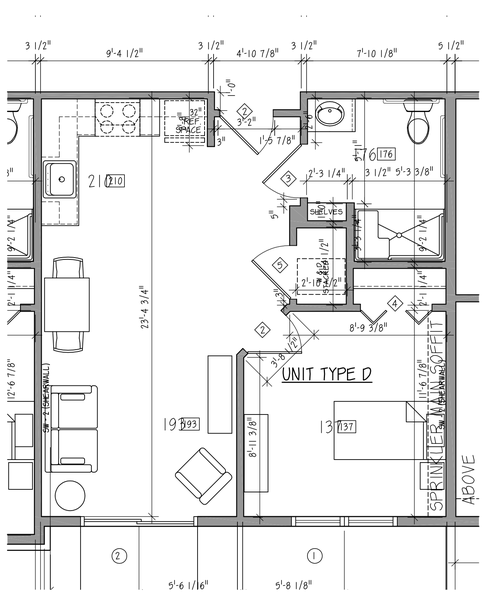
UNIT TYPE C FLOOR PLAN
SCALE: 1/4" = 1'-0"
2 UNITS SIMILAR

NORTH

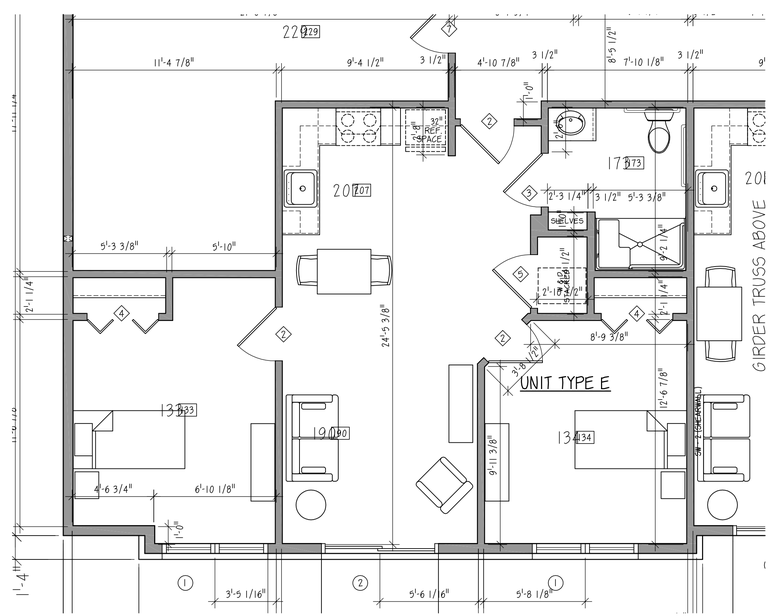
UNIT FLOOR PLANS
SCALE: 1/4" = 1'-0"

NOTE:
1. OPEN VANITIES WILL BE PROVIDED TO ALL UNIT BATHROOMS.
2. PROVIDE GRAB BAR BRACING IN ALL STUD WALLS WHERE A WATER CLOSET IS LOCATED.
2. PROVIDE SOUND BATT INSULATION SURROUNDING ALL LIVING UNITS AND PUBLIC TOILET ROOMS.

NOTE:
D.H.S. 83.55 (6)(b).
THE TEMPERATURE OF ALL DOMESTIC WATER HEATERS CONNECTED TO SINKS, SHOWERS, AND TUBS USED BY RESIDENTS SHALL BE SET AT A TEMPERATURE OF AT LEAST 140° F .
THE TEMPERATURES OF WATER AT FIXTURES IN SHOWERS AND TUBS USED BY RESIDENTS SHALL BE AUTOMATICALLY REGULATED BY VALVES AND MAY NOT EXCEED 115° F, EXCEPT FOR CBRF'S EXCLUSIVELY SERVING RESIDENTS RECOVERING FROM ALCOHOL OR DRUG DEPENDENCY OR CLIENTS OF A GOVERNMENTAL CORRECTIONS AGENCY.



UNIT TYPE D FLOOR PLAN
SCALE: 1/4" = 1'-0"
15 UNITS SIMILAR



UNIT TYPE E FLOOR PLAN
SCALE: 1/4" = 1'-0"
2 UNITS SIMILAR

PROJECT
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SHEET A-3

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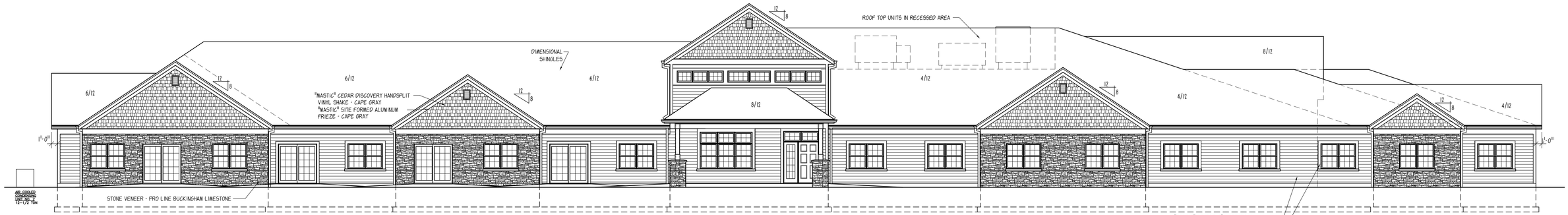
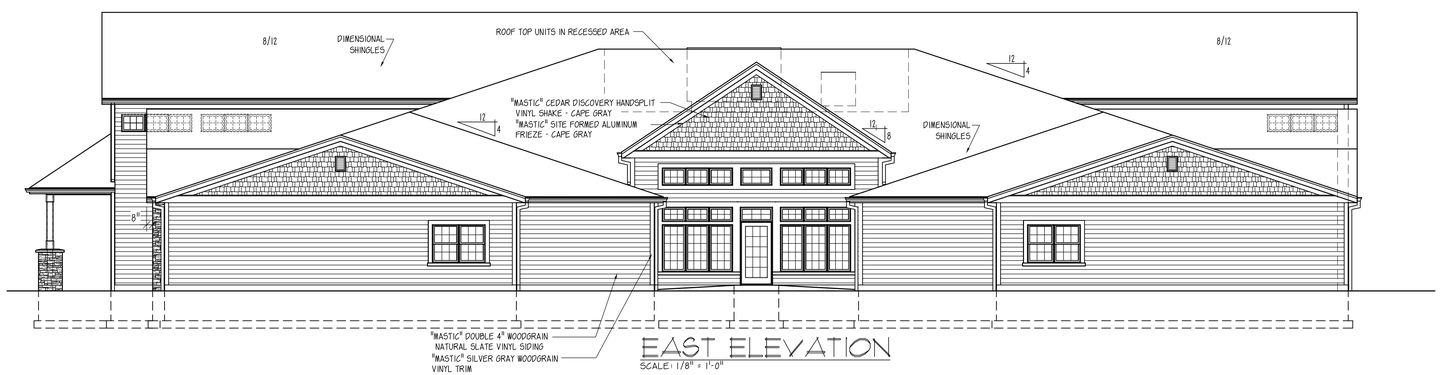
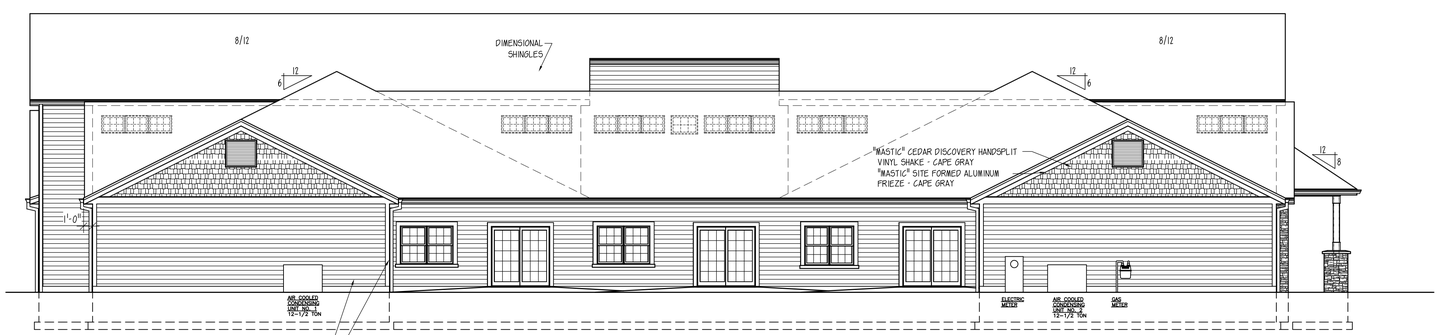


SOUTH ELEVATION
SCALE: 1/8" = 1'-0"

NORTH ELEVATION
SCALE: 1/8" = 1'-0"



EAST ELEVATION
SCALE: 1/8" = 1'-0"



WEST ELEVATION
SCALE: 1/8" = 1'-0"

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JOB NUMBER: MAG-2208-113
DATE: 11/14/2016
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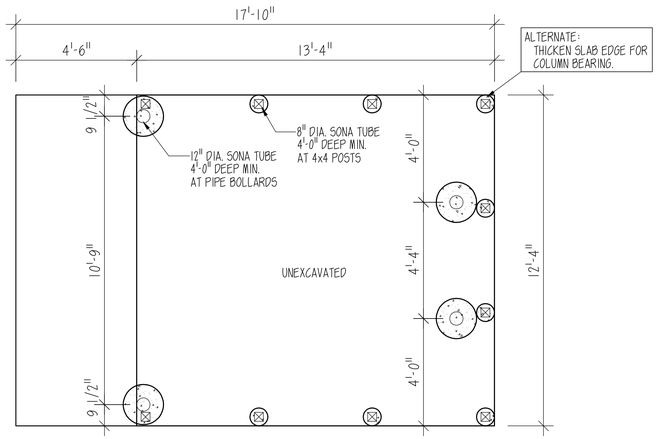
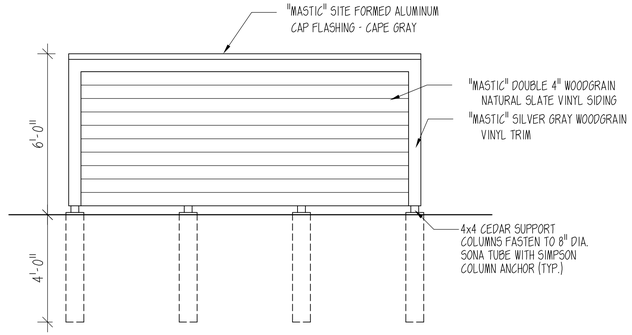
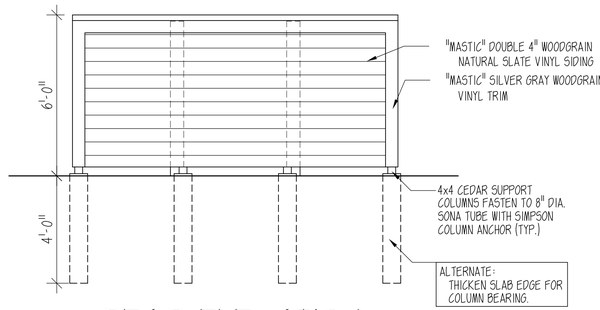


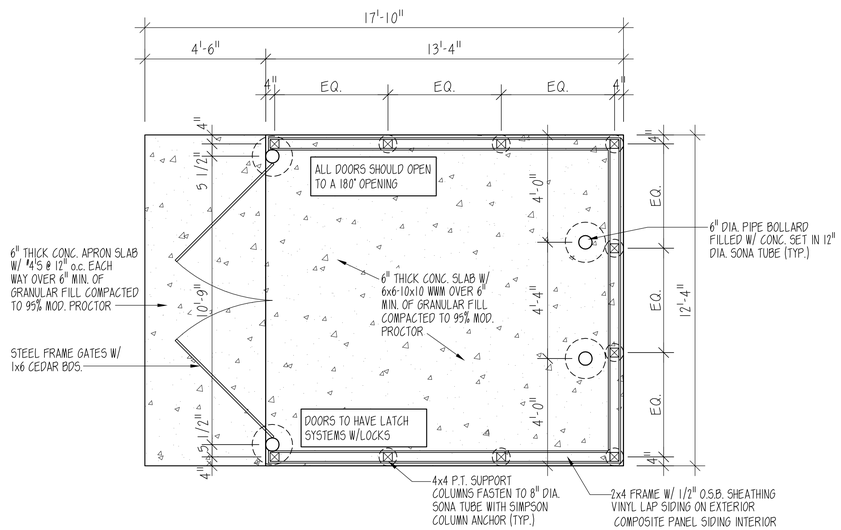
FOUNDATION PLAN
SCALE: 3/8" = 1'-0"



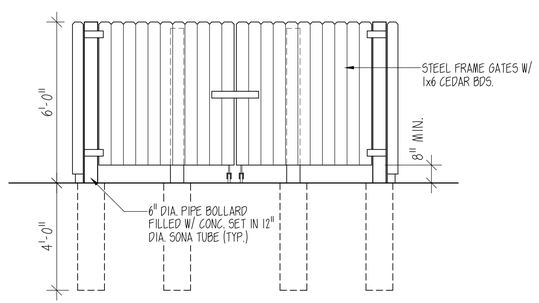
SIDE ELEVATION (TYP.)
SCALE: 3/8" = 1'-0"



REAR ELEVATION
SCALE: 3/8" = 1'-0"



FLOOR PLAN
SCALE: 3/8" = 1'-0"



FRONT ELEVATION
SCALE: 3/8" = 1'-0"

DUMPSTER ENCLOSURE DRAWINGS

PROJECT
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JOB NUMBER: MAG-2608-16
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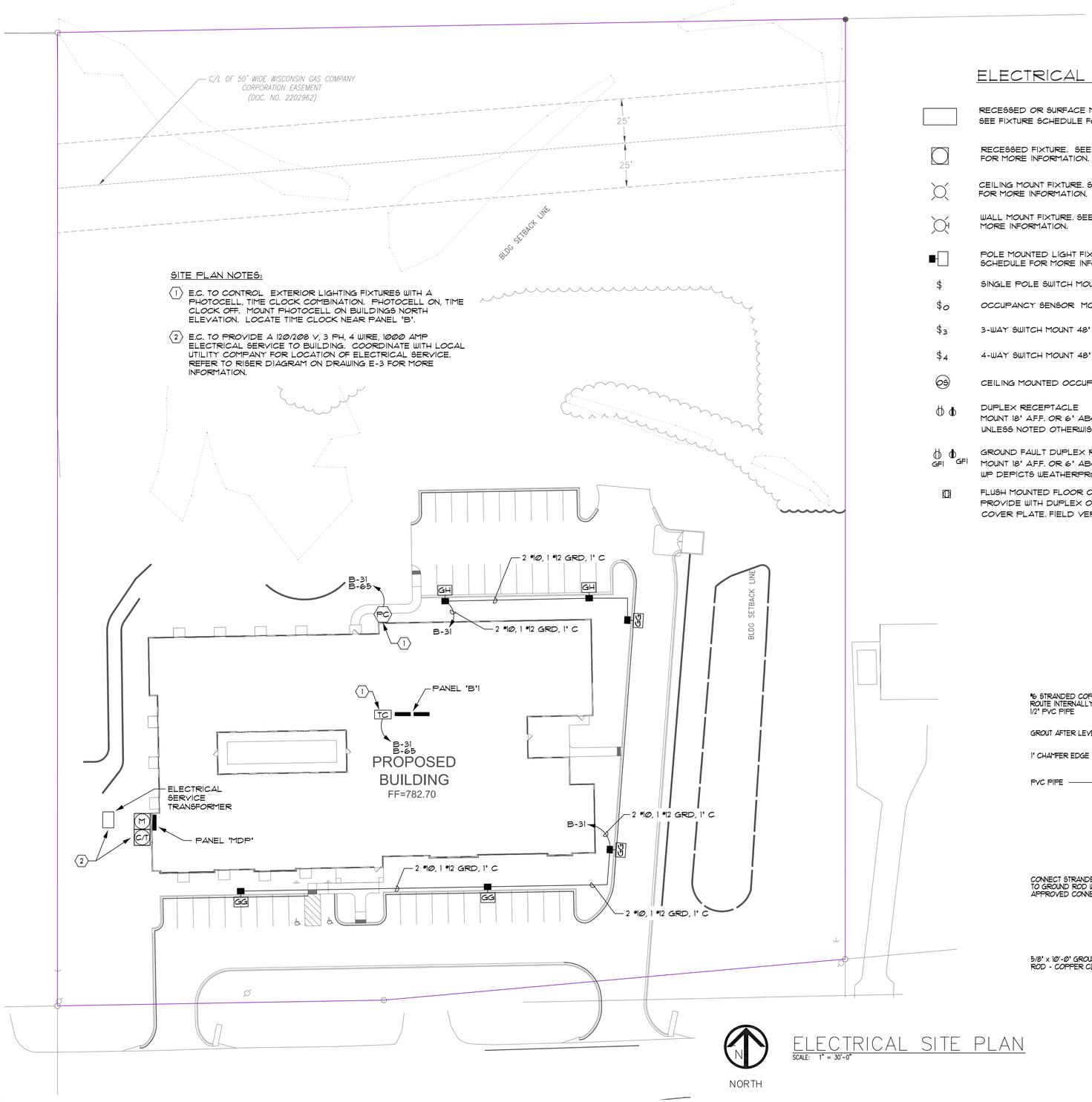


SITE PLAN NOTES:

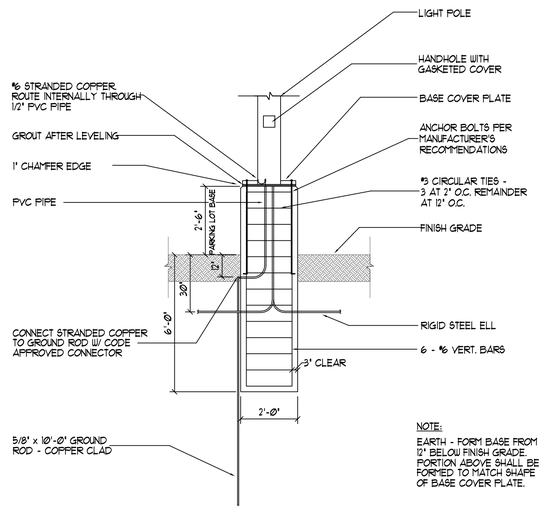
1. E.C. TO CONTROL EXTERIOR LIGHTING FIXTURES WITH A PHOTOCELL, TIME CLOCK COMBINATION. PHOTOCELL ON, TIME CLOCK OFF. MOUNT PHOTOCELL ON BUILDINGS NORTH ELEVATION. LOCATE TIME CLOCK NEAR PANEL 'B'.
2. E.C. TO PROVIDE A 120/208 V, 3 PH, 4 WIRE, 1000 AMP ELECTRICAL SERVICE TO BUILDING. COORDINATE WITH LOCAL UTILITY COMPANY FOR LOCATION OF ELECTRICAL SERVICE. REFER TO RISER DIAGRAM ON DRAWING E-3 FOR MORE INFORMATION.

ELECTRICAL SITE PLAN

SCALE: 1" = 30'-0"

ELECTRICAL LEGEND:

- RECESSED OR SURFACE MOUNTED LIGHT FIXTURE. SEE FIXTURE SCHEDULE FOR MORE INFORMATION.
- RECESSED FIXTURE. SEE FIXTURE SCHEDULE FOR MORE INFORMATION.
- CEILING MOUNT FIXTURE. SEE FIXTURE SCHEDULE FOR MORE INFORMATION.
- WALL MOUNT FIXTURE. SEE FIXTURE SCHEDULE FOR MORE INFORMATION.
- POLE MOUNTED LIGHT FIXTURE. SEE FIXTURE SCHEDULE FOR MORE INFORMATION.
- $ SINGLE POLE SWITCH MOUNT 48" A.F.F.
- $O OCCUPANCY SENSOR MOUNT 48" A.F.F.
- $3 3-WAY SWITCH MOUNT 48" A.F.F.
- $4 4-WAY SWITCH MOUNT 48" A.F.F.
- OS CEILING MOUNTED OCCUPANCY SENSOR
- DUPLEX RECEPTACLE MOUNT 18" A.F.F. OR 6" ABOVE COUNTERTOP UNLESS NOTED OTHERWISE
- GFI GFI GROUND FAULT DUPLEX RECEPTACLE MOUNT 18" A.F.F. OR 6" ABOVE COUNTERTOP WP DEPICTS WEATHERPROOF LOCKABLE COVER
- FLUSH MOUNTED FLOOR OUTLET PROVIDE WITH DUPLEX OUTLET AND METAL COVER PLATE. FIELD VERIFY EXACT LOCATIONS.
- POWER PANEL SEE RISER DIAGRAM FOR DETAILS
- MOTOR
- EQUIPMENT
- SAFETY SWITCH, WP = NEMA 3R
- SWITCH CIRCUITRY
- CIRCUIT WIRING
- J JUNCTION BOX
- (1) V (1) D COMBINATION VOICE/DATA OUTLET MOUNT 24" A.F.F. UNLESS NOTED OTHERWISE NUMBERS INDICATE QUANTITY OF OUTLET PORTS AT EACH LOCATION
- SD SMOKE DETECTOR
- H FIRE ALARM HORN/STROBE 6'-8" AFF
- F FIRE ALARM PULL STATION 48" AFF
- S FIRE ALARM STROBE 6'-8" AFF
- CO CO_2 DETECTOR
- HD HEAT DETECTOR
- FACP FIRE ALARM CONTROL PANEL
- FAAP FIRE ALARM ANNUNCIATOR PANEL



NOTE:
EARTH - FORM BASE FROM 12" BELOW FINISH GRADE. PORTION ABOVE SHALL BE FORMED TO MATCH SHAPE OF BASE COVER PLATE.

NOTE:
MAINTAIN 3" CLEARANCE BETWEEN GROUND CONDUIT & REBARS AND/OR TIES.

PARKING LOT POLE BASE DETAIL

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JOB NUMBER MAG-2808=116
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SHEET E-01
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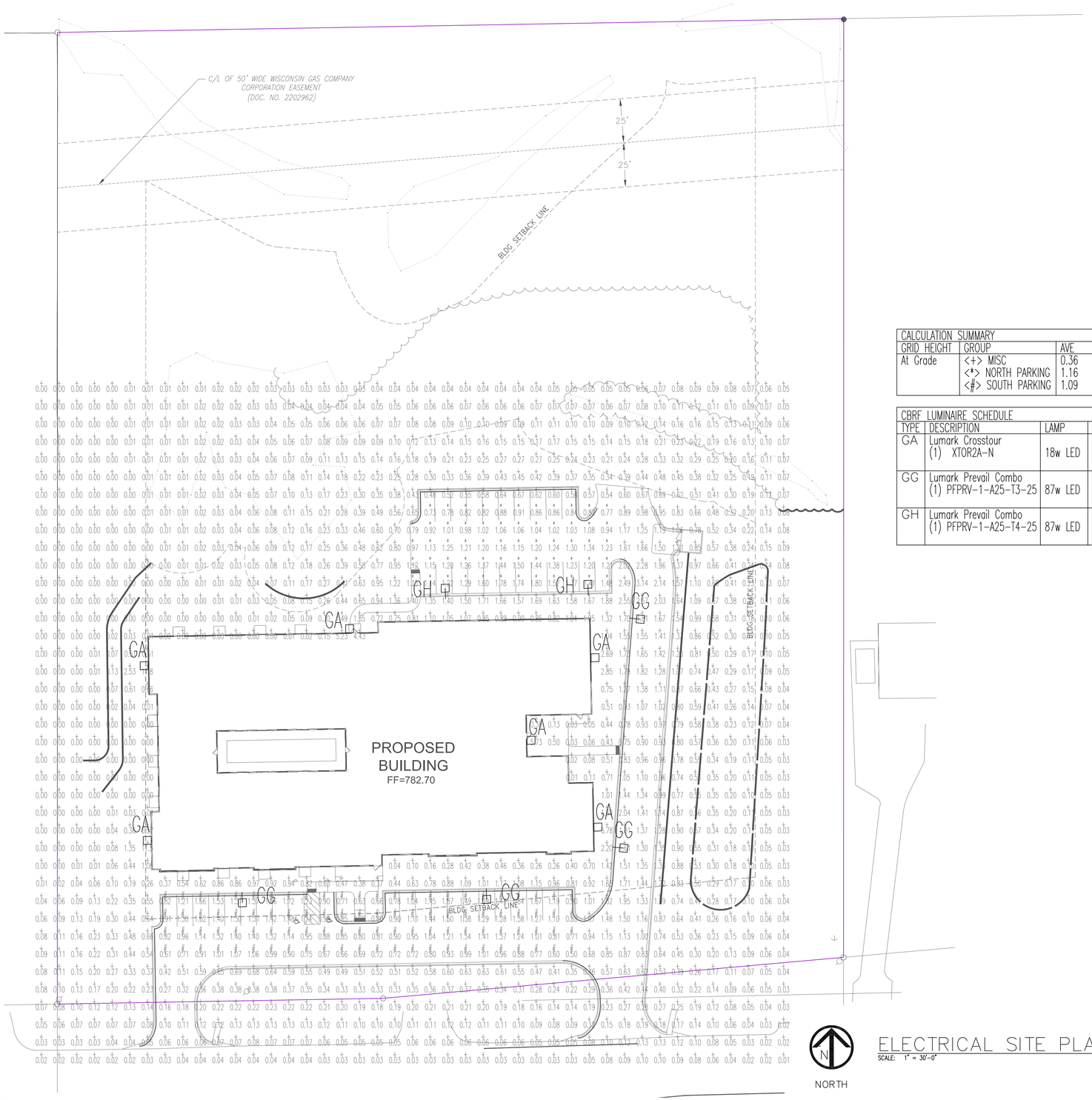
DRAWN BY: KLP



CALCULATION SUMMARY						
GRID HEIGHT	GROUP	AVE	MAX	MIN	MAX/MIN	AVE/MIN
At Grade	<+> MISC	0.36	11.85	0.00	N/A	N/A
	<*> NORTH PARKING	1.16	1.80	0.73	2.45	1.59
	<#> SOUTH PARKING	1.09	1.87	0.50	3.77	2.20

CBRF LUMINAIRE SCHEDULE					
TYPE	DESCRIPTION	LAMP	MOUNTING	LLF	QTY
GA	Lumark Crosstour (1) XTOR2A-N	18w LED	7' AFG	0.95	6
GG	Lumark Prevail Combo (1) PFPRV-1-A25-T3-25	87w LED	25' POLE 30" BASE	0.95	4
GH	Lumark Prevail Combo (1) PFPRV-1-A25-T4-25	87w LED	25' POLE 30" BASE	0.95	2

NORTH

ELECTRICAL SITE PLAN

SCALE: 1" = 30'-0"

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