

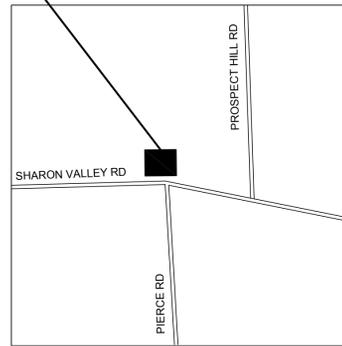
SHARONVILLE SHOOTING RANGE

GRASS LAKE, MICHIGAN

NEW PAVILION

PROJECT NO. 41-7772

SHARONVILLE SHOOTING RANGE
14520 SHARON VALLEY ROAD
GRASS LAKE, MI 49240



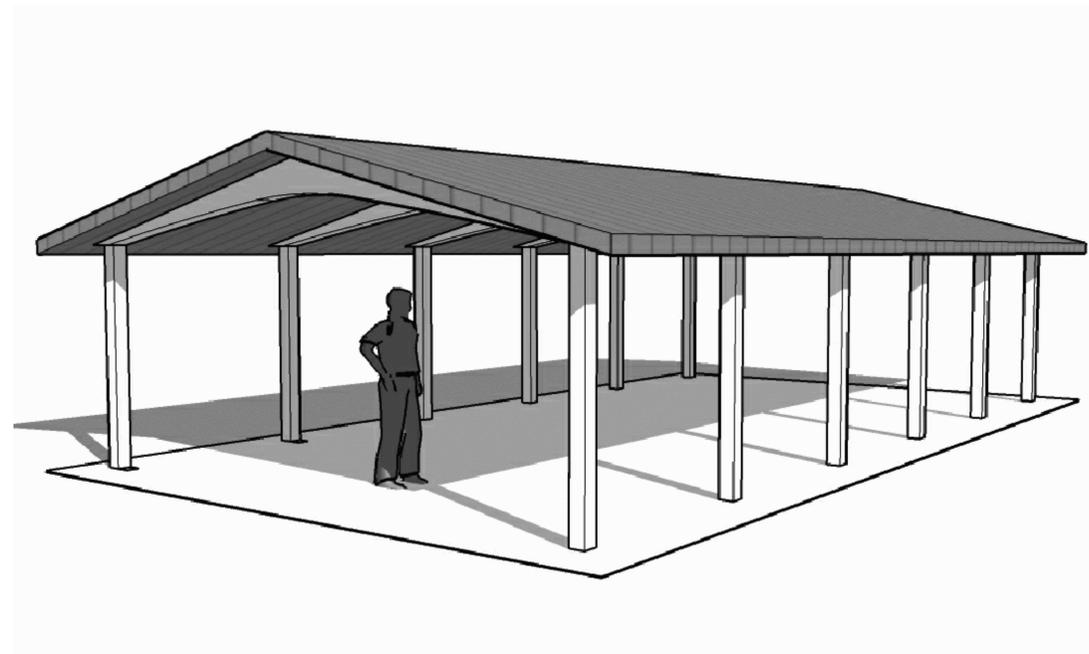
LOCATION MAP

NO SCALE



VICINITY PLAN

NO SCALE



DRAWING INDEX

- T TITLE SHEET
- ARCHITECTURAL
- A1 NEW PAVILION
- ELECTRICAL
- E1 ELECTRICAL

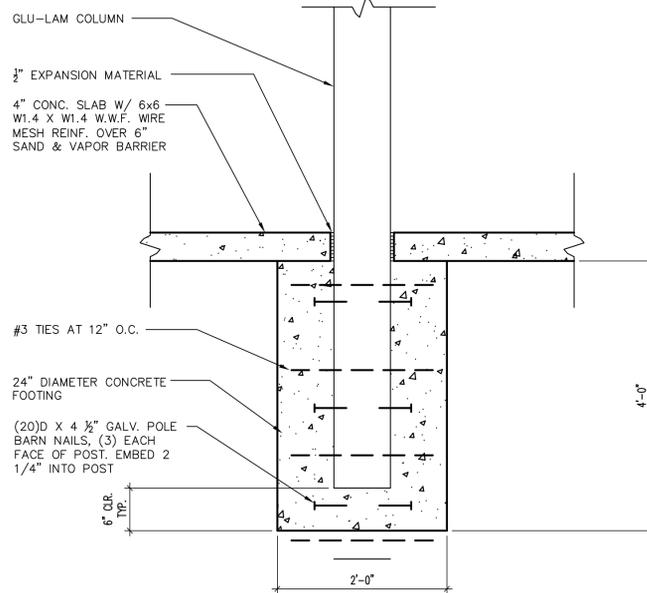


72 HOURS
(3 WORKING DAYS)

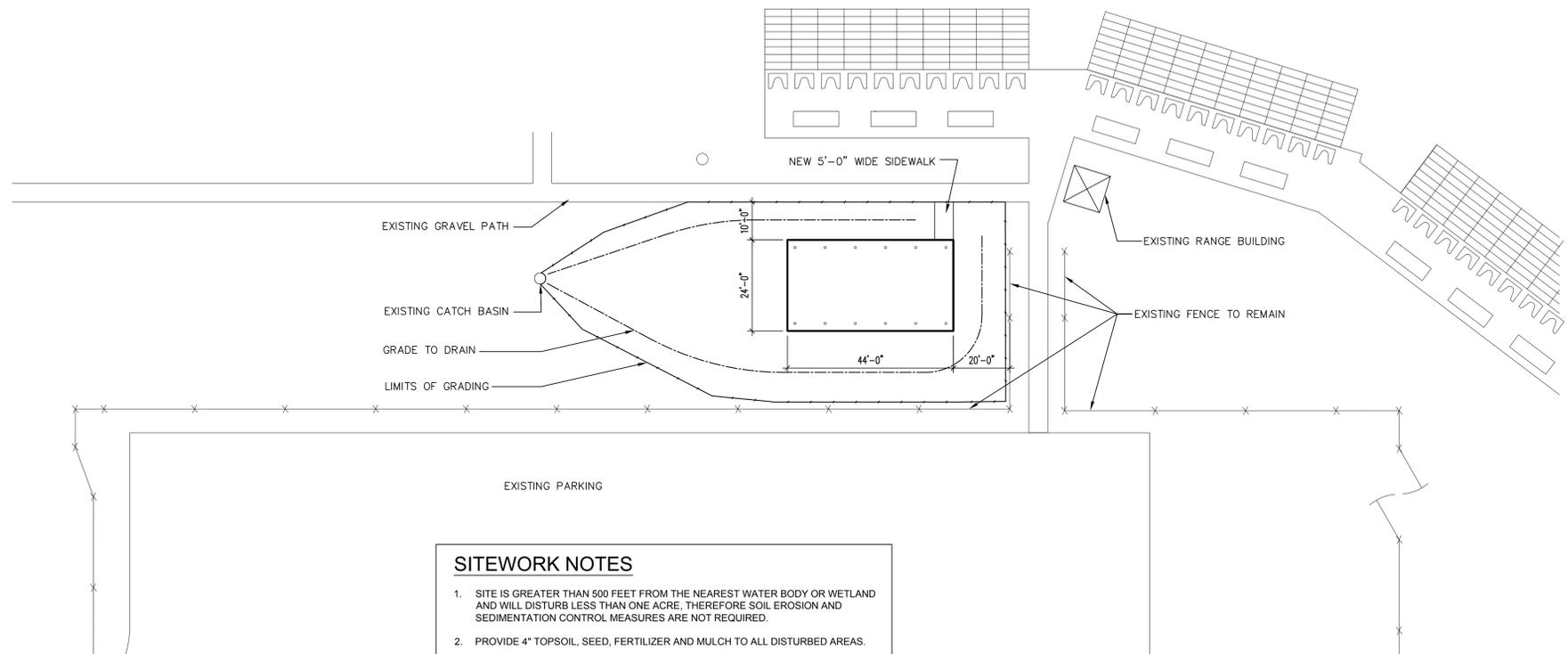
**BEFORE YOU DIG
CALL MISS DIG**

800-482-7171
(TOLL-FREE)



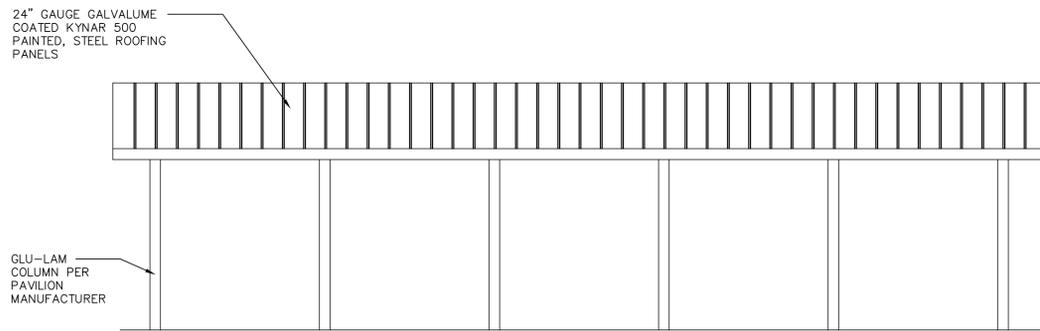


1 FOOTING DETAIL
SCALE: 1/4" = 1'-0"

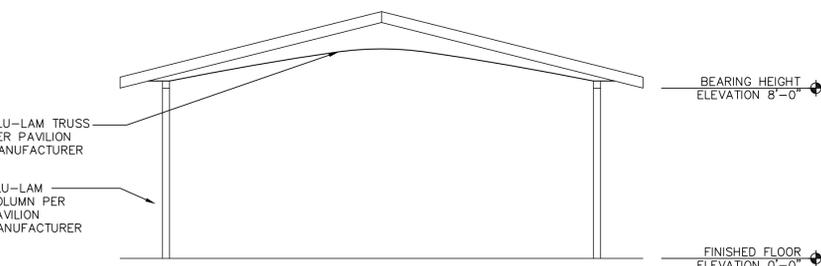


- SITework NOTES**
1. SITE IS GREATER THAN 500 FEET FROM THE NEAREST WATER BODY OR WETLAND AND WILL DISTURB LESS THAN ONE ACRE. THEREFORE SOIL EROSION AND SEDIMENTATION CONTROL MEASURES ARE NOT REQUIRED.
 2. PROVIDE 4" TOPSOIL, SEED, FERTILIZER AND MULCH TO ALL DISTURBED AREAS.
 3. GRADED SLOPES NOT TO EXCEED 1 ON 4.

SITE PLAN
SCALE: 1" = 20'-0"



NORTH ELEVATION
SCALE: 1/4" = 1'-0"

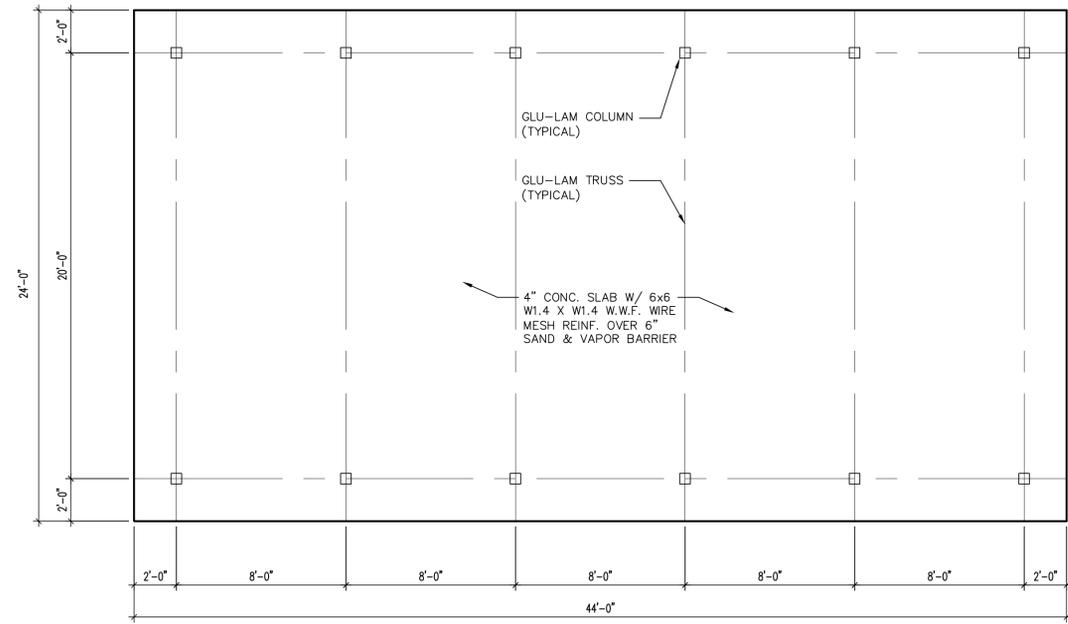


2 SECTION
SCALE: 1/4" = 1'-0"

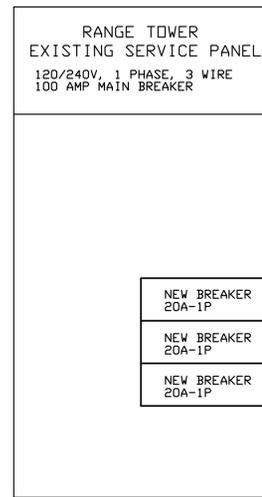
DESIGN LOADS

DESIGN LOADS: PER 2006 MICHIGAN BUILDING CODE AND ANSI/ASCE7-02

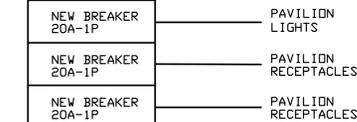
BUILDING :		
MINIMUM ROOF SNOW	=	35
METAL PLATE CONN. WOOD TRUSSES:		
TRUSS TOP CHORD DEAD LOAD	=	7
TRUSS BOTTOM CHORD DEAD LOAD	=	10
UNBALANCED ROOF SNOW LOADS:		
PER ASCE 7-02, SECTION 7.6		
I _s , IMPORTANCE FACTOR	=	1.0
C _e , EXPOSURE FACTOR (B, PART. EXP.)	=	1.0
C _t , THERMAL FACTOR	=	1.2
UNBALANCED, LEEWARD SIDE	=	53 PSF
UNBALANCED, WINDWARD SIDE	=	0 PSF
GROUND SNOW LOAD, PER 2006 MBC	=	35 PSF
WIND LOAD INFO. : PER 2003 MBC OR ANSI/ASCE7-02		
BASIC WIND SPEED	=	90 MPH
WIND IMPORTANCE FACTOR, I _w	=	1.0
WIND EXPOSURE	=	B
INTERNAL PRESSURE COEF.	=	± 0.18
SEISMIC DESIGN CATEGORY	=	A
SITE CLASS	=	D
SECTION 1609.6 AND TABLE 1609.6.2.1(1) OF THE BUILDING CODE IS USED FOR THE MWFRS.		



FLOOR PLAN
SCALE: 1/4" = 1'-0"

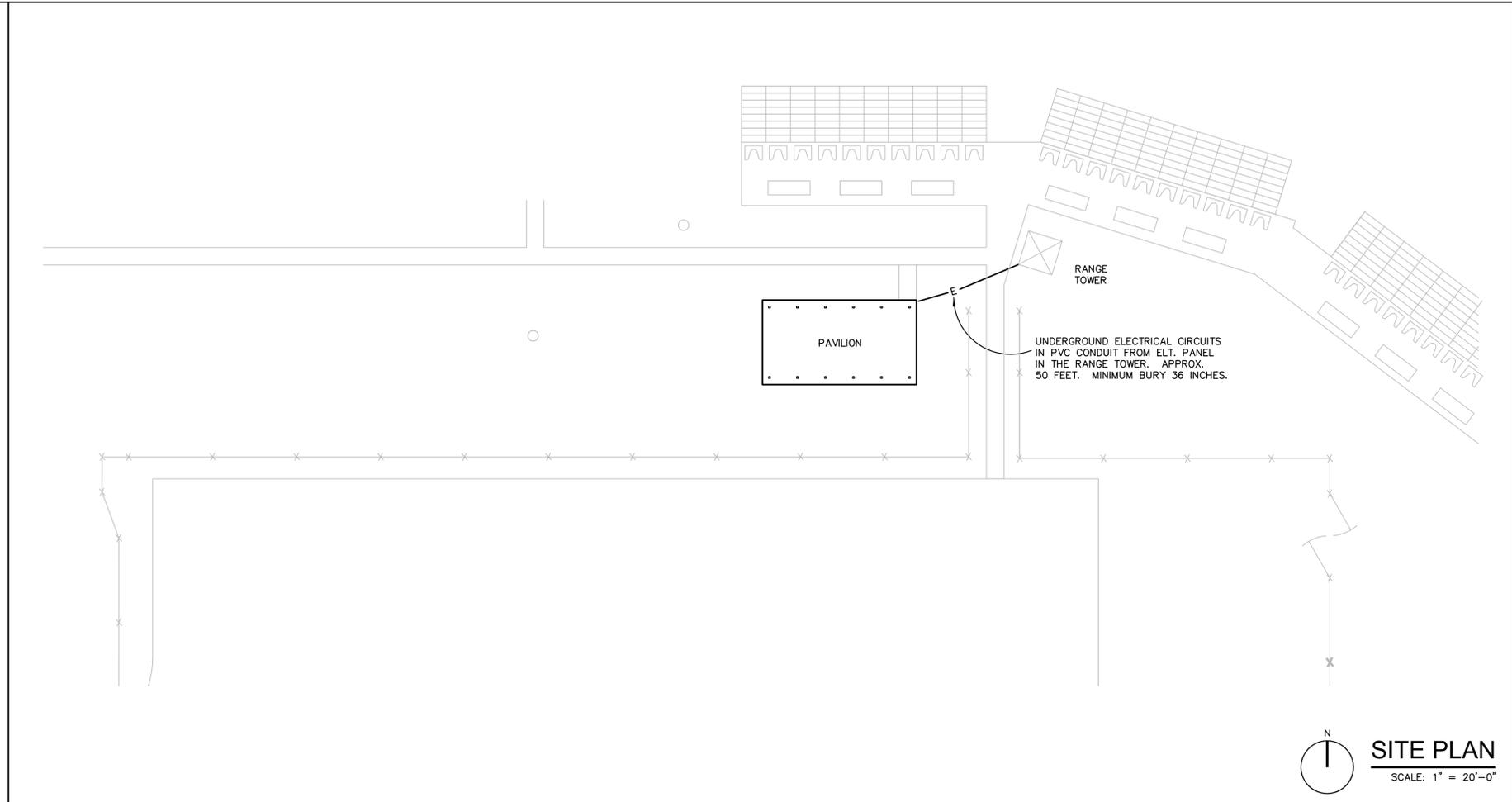


CCT BRK	WIRE	GRD	CONDUIT
20A-1P	2 #12	1 #12	3/4"Ø



ELECTRICAL RISER DIAGRAM

NOT TO SCALE



SITE PLAN
SCALE: 1" = 20'-0"

LIGHTING FIXTURE SCHEDULE					
MANUF.	CAT. NUMBER	DESCRIPTION	LAMPS	DIFFUSER	REMARKS
KIRLIN	HSS-13187-43(100w)-46	13" SQUARE SURFACE MOUNT FIXTURE WITH METAL HALID LAMP.	(1) 100W, METAL HALID.	ACRYLIC	PROVIDE WITH LAMP AND DOUBLE GASKETING.

ELECTRICAL NOTES

CIRCUIT NUMBERS REPRESENT SINGLE POLE SPACES IN THE ELECTRICAL PANEL AND DO NOT CORRESPOND TO ACTUAL PANEL PHASING.

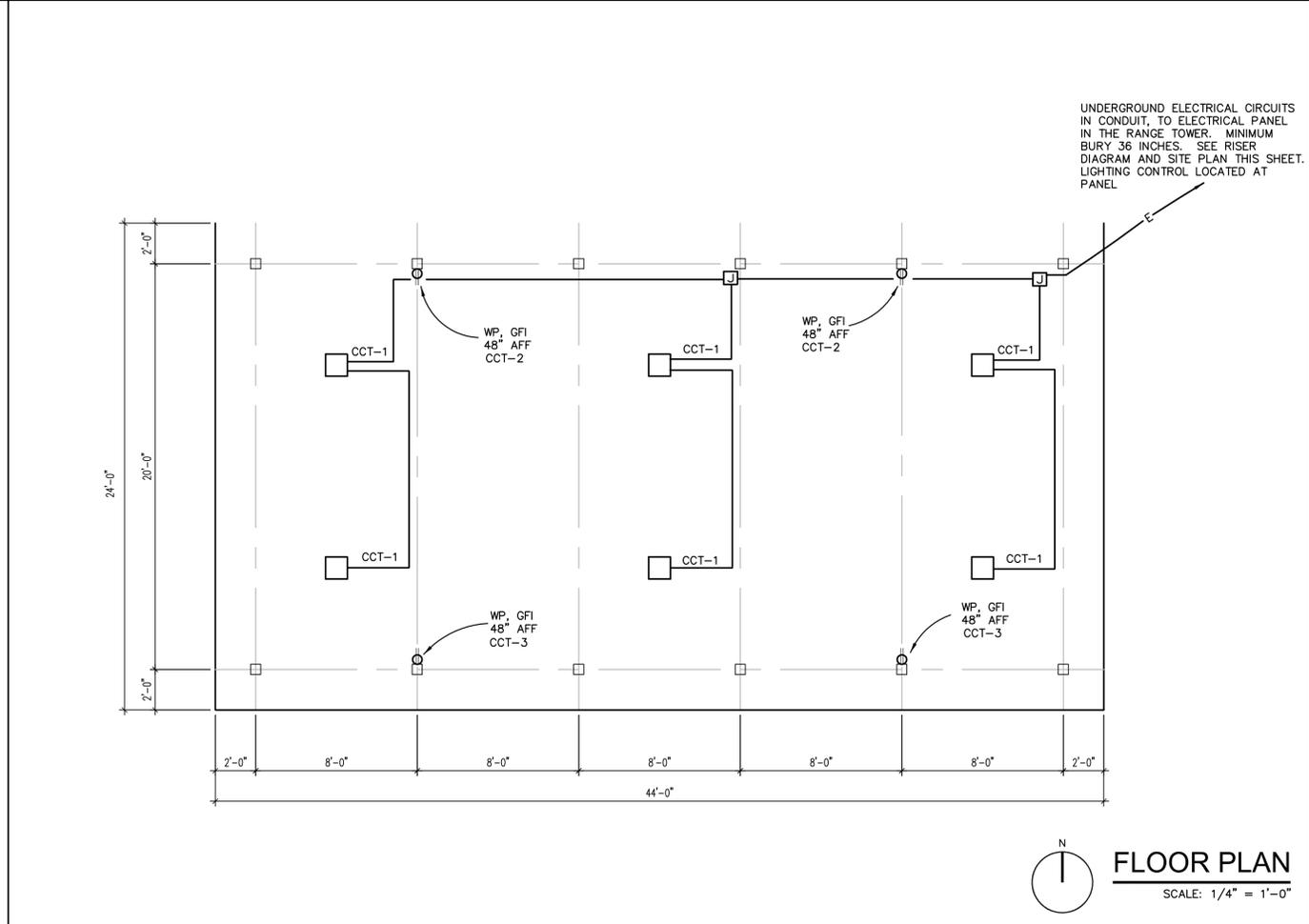
NEW BRANCH CIRCUITS FOR THE PAVILION RECEPTACLES AND LIGHTING FIXTURES SHALL BE SERVICED FROM THE ELECTRICAL PANEL IN THE RANGE TOWER. CONTRACTOR SHALL PROVIDE NEW CIRCUIT BREAKERS AS SHOWN ON THE RISER DIAGRAM THIS SHEET.

ALL WIRING SHALL BE IN CONDUIT. CONTRACTOR SHALL MAKE EVERY EFFORT TO CONCEAL SURFACE MOUNTED CONDUIT AS BEST AS POSSIBLE ADJACENT TO BEAMS.

ALL DUPLEX RECEPTACLES SHALL BE GFI WITH BUILT IN TEST AND RESET BUTTONS IN A WEATHER PROOF ENCLOSURE. SURFACE MOUNT RECEPTACLES AT 48" ABOVE FINISHED FLOOR.

ELECTRICAL LEGEND

- SURFACE MT. CEILING FIXTURE
- ⊕ DUPLEX OUTLET
- ⊞ DISCONNECT
- ⊞ JUNCTION BOX
- EXPOSED CONDUIT
- E— UNDERGROUND/UNDERSLAB CONDUIT
- AFF ABOVE FINISHED FLOOR
- A AMPS
- C CONDUIT
- CCT CIRCUIT
- GFI GROUND FAULT INTERRUPTER
- P POLE
- V VOLT
- WP WEATHER PROOF



FLOOR PLAN
SCALE: 1/4" = 1'-0"

08/10/09	BIDS & CONSTRUCTION	90% OWNER REVIEW
08/25/09		

NEW PAVILION
SHARONVILLE SHOOTING RANGE
JACKSON COUNTY

ELECTRICAL

PROJECT NO.	41-772
INDEX	68610
PCA	71670
DRAWN BY	JIS
DESIGNED BY	JIS
PROJ. MGR.	PS