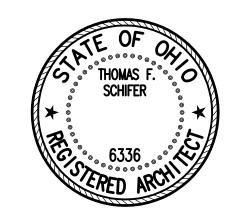
FIRE ALARM AND FIRE/SMOKE DETECTION SYSTEM: NO



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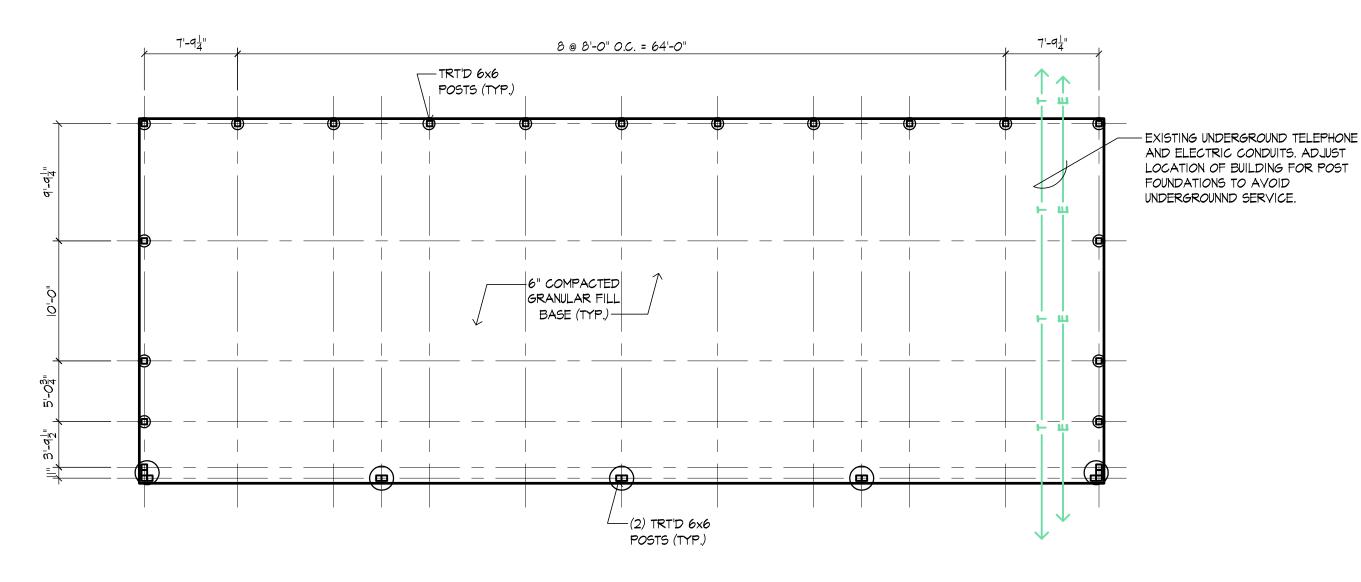
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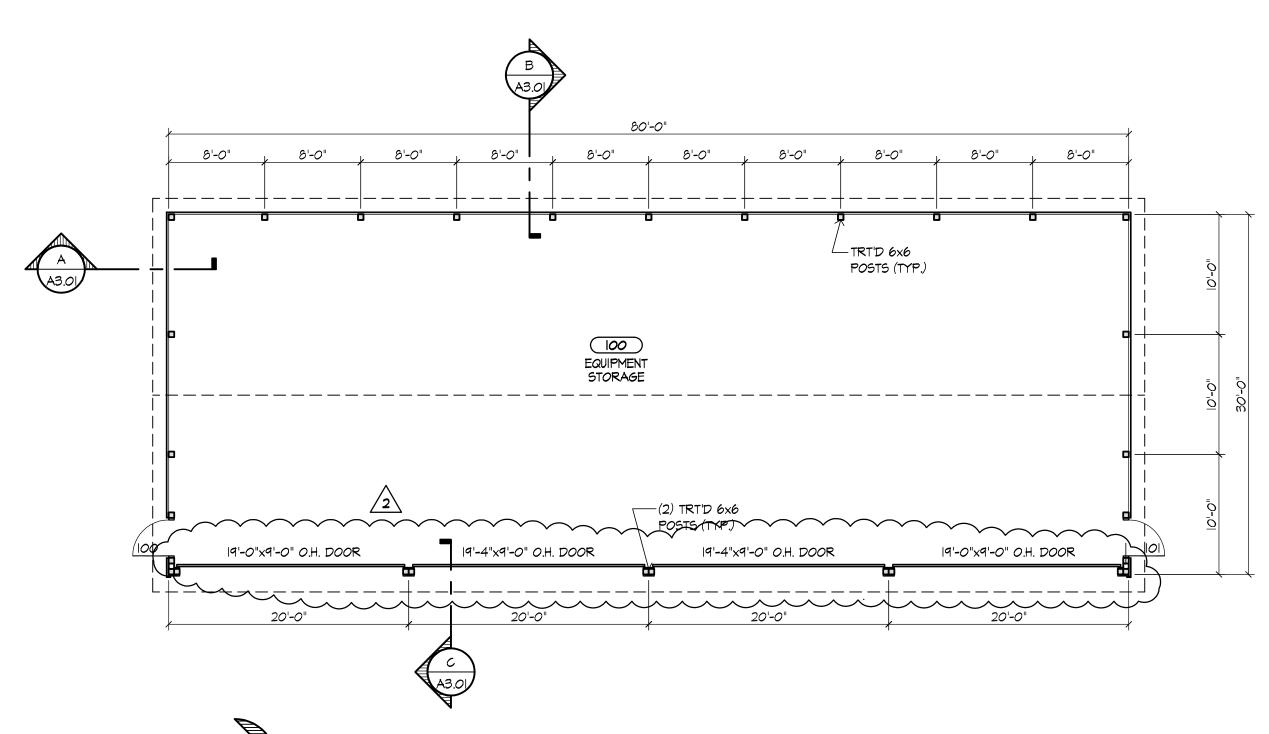
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REV.: DATE:

05/05/05







1/8"=1'-0"

	Door Hardware Notes								
DOOR NO.	SIZE / TYPE	REMARKS							
100		ENTRANCE LOCKSET							
101	FLUSH STAGE INSUL. H.M.	ENTRANCE LOCKSET							

# New Mork Notes

I. SPECIFIED LATCHSETS ARE TO BE SCHLAGE AL SERIES OR APPROVED EQUAL.

2. ALL DOOR HARDWARE AND ACCESSORIES SHALL COMPLY WITH THE REQUIREMENTS OF THE AMERICANS WITH DISABILITIES ACT (ADA) AND MEET THE REQUIREMENT OF ADAAG AND THE OBC CURRENT EDITION. ALL THRESHOLDS TO BE A MAX. OF I/2" AND ALL CLOSER HARDWARE TO COMPLY W/ ADAAG PROVISIONS FOR MAX. OPENING FORCE. ALL DOOR HARDWARE TO BE LEVER STYLE.

## Room Finish Notes

## ROOM NO.

Legend:

6x6 WOOD POSTS AT MAXIMUM IO'-O" O.C. WITH 2x4 HORIZ. WALL GIRTS AT 24" O.C. VERTICALLY,

INTERIOR AND EXTERIOR.

6" GRAVEL. EXPOSED STRUCTURE FOR WALLS AND CEILING. NO INSULATION.

STRUCTURAL NOTES

#### A. GENERAL

I. THE STRUCTURE IS DESIGNED TO BE SELF-SUPPORTING AND STABLE AFTER THE BUILDING IS FULLY COMPLETED. IT IS SOLELY THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE ERECTION PROCEDURE AND SEQUENCE TO ENSURE THE SAFETY OF THE BUILDING AND ITS COMPONENT PARTS DURING ERECTION. THIS INCLUDES THE ADDITION OF ANY SHORING, SHEETING, TEMPORARY BRACING, GUYS OT TIEDOWNS WHICH MIGHT BE NECESSARY. SUCH MATERIAL SHALL REMAIN THE CONTRACTOR'S PROPERTY AFTER THE COMPLETION OF THE PROJECT.

2. IT IS SOLELY THE CONTRACTOR'S RESPONSIBILITY TO FOLLOW ALL APPLICABLE SAFETY CODES AND REGULATIONS DURING ALL PHASES OF CONSTRUCTION.

3. EQUIPMENT FRAMING, LOADS, OPENINGS AND STRUCTURE IN ANY WAY RELATED TO HVAC, PLUMBING, OR ELECTRICAL REQUIREMENTS ARE SHOWN FOR BIDDING PURPOSES ONLY. CONTRACTOR SHALL OBTAIN APPROVAL OF THE INVOLVED TRADES BEFORE PROCEEDING WITH SUCH PORTION OF THE WORK. EXCESS COST RELATED TO VARIATION IN THESE REQUIREMENTS TO BE BORNE BY THE APPROPRIATE CONTRACTOR.

4. SHOULD ANY OF THE DETAILED INSTRUCTIONS SHOWN ON THE PLANS CONFLICT WITH THESE STRUCTURAL NOTES, THE SPECIFICATIONS, OR WITH EACH OTHER, THE STRICTEST PROVISION SHALL GOVERN.

5. GOVERNING CODE: OHIO BUILDING CODE (OBC) LATEST EDITION, AND ALL LOCAL BUILDING CODES APPLICABLE AND ENFORCED BY LOCAL BUILDING AUTHORITY.

#### 6. DESIGN CRITERIA:

a. FLOOR LIVE LOADS:
I. CONCRETE SLABS-ON-GRADE
IOO PSF

b. ROOF LOADING:
I. DESIGN ROOF LIVE LOAD
25 PSF MINIMUM,
PLUS THE EFFECTS OF SNOW DRIFTING
2. ROOF SNOW LOADS:

a. GROUND SNOW LOAD 25 PSF b. SNOW EXPOSURE FACTOR 0.7 c. SNOW IMPORTANCE FACTOR 1.0

6. COMPONENTS AND CLADDING:
a. ROOF: +10 PSF, -37 PSF
b. WALLS:

#### B. FOUNDATIONS

I. PERIMETER FOOTINGS SHALL BEAR A MINIMUM OF 3' - O" BELOW EXTERIOR GRADE; STEP FOOTINGS AS REQUIRED. WHERE UNDERGROUND UTILITIES ENTER OR EXIT THE BUILDING, STEP TOPS OF ALL FOOTINGS BELOW UTILITY INVERT ELEVATIONS.

2. BACKFILL AND FILL MATERIALS: PROVIDE SATISFACTORY SOILS MATERIALS FOR BACKFILL AND FILL, FREE OF CLAY, DEBRIS, WASTE, FROZEN MATERIALS, VEGETABLE AND OTHER DELETERIOUS MATTER.

#### 3. EXCAVATION AND COMPACTION:

a. ALL FOUNDATION EXCAVATIONS SHALL BE INSPECTED AND APPROVED BY THE SOILS ENGINEER FOR THE BEARING CAPACITY AS INDICATED ABOVE PRIOR TO THE PLACEMENT OF CONCRETE.

b. KEEP FOUNDATION EXCAVATIONS FREE OF WATER AT ALL TIMES. REPLACE SOFT OR WEAKENED SOIL WITH LEAN CONCRETE (CLASS IV).
 c. THE EXISTENCE OF UNDERGROUND STRUCTURES AND/OR UTILITIES IS NOT KNOWN. IT

SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE WITH THE OWNER TO DETERMINE THE LOCATIONS OF ALL EXISTING UNDERGROUND STRUCTURES AND/OR UTILITIES. USE EXTREME CARE WHEN EXCAVATING SO AS TO NOT DISTURB ANY EXISTING UNDERGROUND STRUCTURES AND/OR UTILITIES.

d. BACKFILL AND FILL SHALL BE PLACED IN LIFTS OF 8" MAXIMUM LOOSE DEPTH. EACH LIFT SHALL BE COMPACTED WITH A POWER VIBRATING COMPACTOR OR SIMILAR EQUIPMENT TO ENSURE MAXIMUM COMPACTION OF THE MATERIAL.

e. COMPACTION SHALL BE NOT LESS THAN 100% OF MAXIMUM DENSITY FOR COHESIVE OR COHESIONLESS MATERIAL, ACCORDING TO ASTM D698. DRAINAGE FILL AGAINST WALLS SHALL BE COMPACTED TO 96% OF MAXIMUM DENSITY.

4. WHERE LOOSE FILL MATERIALS ARE ENCOUNTERED, THE LOOSE MATERIALS SHALL BE OVER-EXCAVATED DOWN TO SUITABLE SOILS. THE OVER-EXCAVATED AREA SHALL THEN BE PROOF ROLLED AND FILLED WITH SATISFACTORY SOIL MATERIALS WHICH WILL PRODUCE THE RESULTS OF COMPACTION AND LOAD CARRYING CAPACITY REQUIRED. THE FILL SHALL BE PLACED AND COMPACTED IN ACCORDANCE WITH THE ABOVE PARAGRAPHS.

## C. REINFORCED CONCRETE

I. ALL CONCRETE SHALL BE IN ACCORDANCE WITH ACI 318-95, "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE."

2. SPECIFICATIONS: IN GENERAL, COMPLY WITH ACI 301-96, "STANDARD SPECIFICATION FOR STRUCTURAL CONCRETE."
a. PLACEMENT AND CURING OF CONCRETE SHALL CONFORM TO ACI 305 "HOT WEATHER

CONCRETING" AND ACI 306 "COLD WEATHER CONCRETING."

3. ALL REINFORCING DETAILS SHALL CONFORM TO ACI 315-86, "MANUAL OF STANDARD

PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES" UNLESS DETAILED OTHERWISE ON THE STRUCTURAL DRAWINGS.

# MATERIALS: a. STRUCTURAL CONCRETE:

CLASS	LOCATION	f'c
l II	FOOTINGS INTERIOR SLABS ON GRADE AND	3,000
III	ALL INTERIOR CONCRETE NOT OTHERWISE IDENTIFIED EXTERIOR SLABS ON GRADE AND	3,500
 IV	ALL EXTERIOR CONCRETE NOT OTHERWISE IDENTIFIED BACKFILL BELOW FOOTINGS	4,000 (with air) 1500

b. ALL DEFORMED REINFORCING BARS; ASTM A615, GRADE 60.
c. ALL WELDED WIRE FABRIC: ASTM A185, DELIVERED IN FLAT SHEETS.

## 5. OPENINGS:

a. OPENINGS SHOWN ARE FOR BIDDING PURPOSES ONLY. RECONCILE THEIR EXACT SIZES AND LOCATIONS WITH HVAC, PLUMBING, AND OTHER REQUIREMENTS BEFORE PROCEEDING WITH WORK.

b. Provide two #5 bars around all slab and wall openings extending 2 feet beyond opening in every direction. Openings not exceeding 16 inches X 16 inches may be sleeved as required by working the reinforcing steel

# AROUND THE SLEEVES. 6. FOOTINGS, COLUMNS, WALLS:

a. DOWELS IN FOOTINGS TO MATCH VERTICAL WALL REINFORCING.b. PROVIDE CORNER BARS AT FOOTING CORNERS TO MATCH HORIZONTAL REINFORCING.

MINIMUM LENGTH OF EACH LEG TO BE 45 BAR DIAMETERS.

c. BACKFILL AGAINST BOTH SIDES OF WALLS EQUALLY UNTIL THE LOWER ELEVATION
 IS ATTAINED.
 d. PROVIDE LEAN CONCRETE (CLASS IV) UNDER FOUNDATIONS FOR ACCIDENTAL OVER-

EXCAVATION, SOFT SPOTS AND TRENCHES.
e. UNLESS SHOWN OTHERWISE, PROVIDE THE FOLLOWING WALL REINFORCING:

MALL THICK HORZ. STEEL VERT. STEEL
6 \$ 8 INCHES #4 @ 12 INCHES #4 @ 8 INCHES

7. SPLICES:
a. UNLESS NOTED OTHERWISE, MINIMUM LAP SPLICE LENGTHS TO BE AS FOLLOWS:

VERTICAL BARS IN WALLS, PIERS (INCL. DOWELS)
HORIZONTAL BARS IN FOOTINGS
HORIZONTAL BARS IN WALLS
45 DIA.

### 8. CONSTRUCTION JOINTS:

I) #5 BARS AND SMALLER

a. CONSTRUCTION JOINTS PERMITTED ONLY WHERE SHOWN OR AS APPROVED BY THE STRUCTURAL ENGINEER. ALL CONSTRUCTION JOINTS ARE TO BE KEYED.

9. CONSTRUCTION COVER: UNLESS NOTED OTHERWISE, DETAIL REINFORCING TO PROVIDE MINIMUM CONCRETE COVER AS FOLLOWS:

a. CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH:

b. CONCRETE EXPOSED TO EARTH OR WEATHER:

1 - 1/2 INCHES

2) OTHERS
2 INCHES
3. CONCRETE NOT EXPOSED TO EARTH OR WEATHER:

I) BEAM AND COLUMN BARS INCLUDING TIES, STIRRUPS AND SPIRALS
1 - 1/2 INCHES
2) SLABS, WALLS, JOISTS, #II BARS AND SMALLER
3) OTHERS
1 - 1/2 INCHES

#### D. MASONRY

I. ENGINEERED MASONRY CONSTRUCTION HAS BEEN DESIGNED TO CONFORM WITH ACI 530/ASCE 5/TMS 402 "BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES."

2. ALL MASONRY CONSTRUCTION SHALL CONFORM WITH ACI 530.1/ASCE 6/ TMS 602 "SPECIFICATION FOR MASONRY STRUCTURES."

a. COLD WEATHER MANSORY CONSTRUCTION SHALL CONFORM TO PARAGRAPH 1.8.C
 b. HOT WEATHER MASONRY CONSTRUCTION SHALL CONFORM TO PARAGRAPH 1.8.D.

# 3. MATERIALS: a. CONCRETE BLOCK: ASTM C90 (HOLLOW) ASTM C145 (SOLID), MINIMUM NET AREA

COMPRESSIVE STRENGTH: 2500 PSI.

b. MORTAR: TYPE S, MINIMUM COMPRESSIVE STRENGTH: 1800 PSI.

c. BOND BEAM AND CORE FILL: ASTM C476, COARSE TYPE, MINIMUM COMPRESSIVE

STRENGTH: 2500 PSI.
d. JOINT REINFORCING: MLL GALVANIZED FINISH, 9 GAGE MINIMUM SIDE WIRES AND

 d. JOINT REINFORCING: MLL GALVANIZED FINISH, 9 GAGE MINIMUM SIDE WIRES AN CROSS WIRES.

e. BAR REINFORCING: ASTM A615, GRADE 60.

4. REINFORCED MASONRY: WHERE VERTICAL BARS ARE TO BE GROUTED INTO CORES, THE FOLLOWING REQUIREMENTS APPLY:

a. PROVIDE DOWELS FROM FOOTING, SAME SIZE AND SPACING AS WALL BARS. LAP 12

INCHES MINIMUM WITH WALL BARS, UNLESS NOTED OTHERWISE. EMBED INTO FOOTING 8 INCHES PLUS STANDARD 90 DEGREE HOOK.

b. PROVIDE A CONTINUOUS VERTICAL CAVITY, AT LEAST 2" x 3" IN SIZE, FREE OF MORTAR

DROPPINGS.

c. PROVIDE AN OPENING FOR CLEANOUT AND INSPECTION AT EACH VERTICAL BAR, AT BOTTOM OF EACH GROUT LIFT.

d. PROVIDE REBAR ALIGNMENT DEVICES AT A MAXIMUM SPACING OF 192 BAR

e. AT SPLICES IN VERTICAL BARS, PROVIDE 48 BAR DIAMETER LAP
 f. MAXIMUM HEIGHT OF GROUT LIFT = 4' -0".

#### 5. LINTEL NOTES

a. PROVIDE LINTELS OVER ALL OPENINGS IN MASONRY WALLS. REFER TO ARCHITECTURAL AND HVAC DRAWINGS FOR LOCATION, NUMBER AND SIZES OF OPENINGS. FOR LINTELS NOT LABELED OR SHOWN ON STRUCTURAL DRAWINGS, REFER TO NOTE 2 BELOW.

b. FOR LINTELS OVER OPENINGS 6'-O" WIDE OR LESS, PROVIDE THE FOLLOWING FOR EACH 4 INCHES OF WALL THICKNESS (USE 6 INCHES MINIMUM BEARING EACH END); IN CAVITY WALLS, ADD CONTINUOUS BOTTOM PLATE 5/16 X (WALL "T" - 1/2) AND STOP PLATE 1/8" SHORT OF JAMBS:

MASONRY OPENING SEC

TO 4'-0" L 3-1/2 x 5/16 4'-1" TO 5'-6" L 4 x 3-1/2 x 5/16 LLV 5'-7" TO 6'-0" L 5 x 3-1/2 x 5/16 LLV

# 6. MISCELLANEOUS:

a. VERTICAL COLLAR JOINTS TO BE FILLED SOLID WITH MORTAR.
b. PROVIDE 100% SOLID BEARING, MINIMUM THREE COURSES UNDER BEAMS, ONE COURSE UNDER JOISTS, UNLESS DETAILED OTHERWISE.

c. FILL CORE SOLID AROUND ANCHOR BOLTS.
d. SET WELD PLATES IN BOND BEAMS AFTER GROUT IS PLACED, BUT WHILE IT IS STILL

PLASTIC.

e. HOLLOW MASONRY UNITS TO BE LAID WITH FULL MORTAR COVERAGE ON HORIZONTAL AND VERTICAL FACE SHELLS. WEBS SHALL ALSO BE BEDDED IN THE STARTING COURSE ON FOOTINGS, AND WHEN ADJACENT TO CELLS OR CAVITIES TO BE REINFORCED OR FILLED WITH CONCRETE OR GROUT. SOLID UNITS TO BE LAID WITH

FULL HEAD AND BED JOINTS.

F. PROVIDE JOINT REINFORCING AT 16 INCHES, EXCEPT AS NOTED. LAP JOINT REINFORCING 6 INCHES.

# E. STRUCTURAL LUMBER

I. ALL WOOD STRUCTURAL MEMBERS HAVE BEEN DESIGNED IN ACCORDANCE WITH THE NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION BY THE AMERICAN FOREST AND PAPER ASSOCIATION.

2. MATERIALS: PROVIDE LUMBER WITH EACH PIECE FATORY-MARKED WITH GRADE STAMP OF INSPECTION AGENCY EVIDENCING COMPLIANCE WITH GRADING RULE REQUIREMENTS AND IDENTIFYING GRADING AGENCY, GRADE, SPECIES, MOISTURE CONTENT AND MILL. ALL WOOD STRUCTURAL PANELS SHALL COMPLY WITH THE REQUIREMENTS OF DOC PSI OR DOC PS2. ALL WOOD STRUCTURAL PANELS SHALL BE FACTORY-MARKED WITH AN APA GRADING STAMP

a. STUDS: SPRUCE-PINE-FIR, STUD GRADE OR BETTER, ACCORDING TO THE NATIONAL

NATIONAL LUMBER GRADES AUTHORITY (NLGA), SEASONED AT 19% M.C.

b. STRUCTURAL LUMBER: SPRUCE-PINE-FIR NO. 2 OR BETTER, ACCORDING TO THE NATIONAL LUMBER GRADES ASSOCIATION (NLGA), SEASONED AT 19% M.C.

c. WOOD STRUCTURAL PANELS:

ROOF: 5/8" NOMINAL, APA RATED SHEATHING, 24/16, EXPOSURE I, U.N.O.
 FLOOR: 3/4" NOMINAL, APA RATED STURD-I-FLOOR, 24 O.C., EXP. I, T&G.
 CONNECTIONS: UNLESS NOTED OTHERWISE, IT IS THE CONTRACTOR'S RESPONSIBILITY

TO PROVIDE PROPERLY DESIGNED CONNECTORS FOR THE END SUPPORT OF ALL MEMBERS. AS A MINIMUM, CONNECTIONS FOR STRUCTURAL MEMBERS SHALL CONFORM TO THE FASTENING SCHEDULE LISTED IN TABLE 2305.2 OF THE OHIO BASIC BUILDING CODE.

a. WOOD STRUCTURAL PANELS TO ROOF RAFTERS/TRUSSES: NAILED, USE 8d RING SHANK NAILS AT 6 INCHES O.C. AT PANEL EDGES AND 12 INCHES O.C. AT INTERMEDIATE SUPPORTS. PROVIDE PLYWOOD CLIPS AT MID-SPAN OF PLYWOOD BETWEEN SUPPORTS.

## 4. MISCELLANEOUS:

a. USE ONE LINE OF SOLID BLOCKING OR CROSS BRIDGING AT 8'-0" O.C. MAX. FOR ALL JOISTS AND RAFTERS. USE SOLID BLOCKING AT JOIST AND RAFTER BEARING LOCATIONS.

b. ALL EXTERIOR LUMBER OR LUMBER IN CONTACT WITH CONCRETE OR MASONRY SHALL BE PRESERVATICE-TREATED IN ACCORDANCE WITH AMPA C2 (LUMBER) OR AMPA C9 (PLYMOOD).

c. PROVIDE AND INSTALL BRIDGING FOR PREFABRICATED WOOD TRUSSES AS INDICATED ON THE TRUSS MANUFACTURER'S APPROVED SHOP DRAWINGS.

LINTEL SCHEDULE FOR WOOD FRAMING (UNLESS OTHERWISE NOTED):

OPENING MEMBER SIZE

0'-4' 2x6 4'-6' 2x8 6'x7' 2x10 7'x8' 2x12



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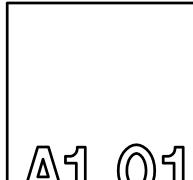
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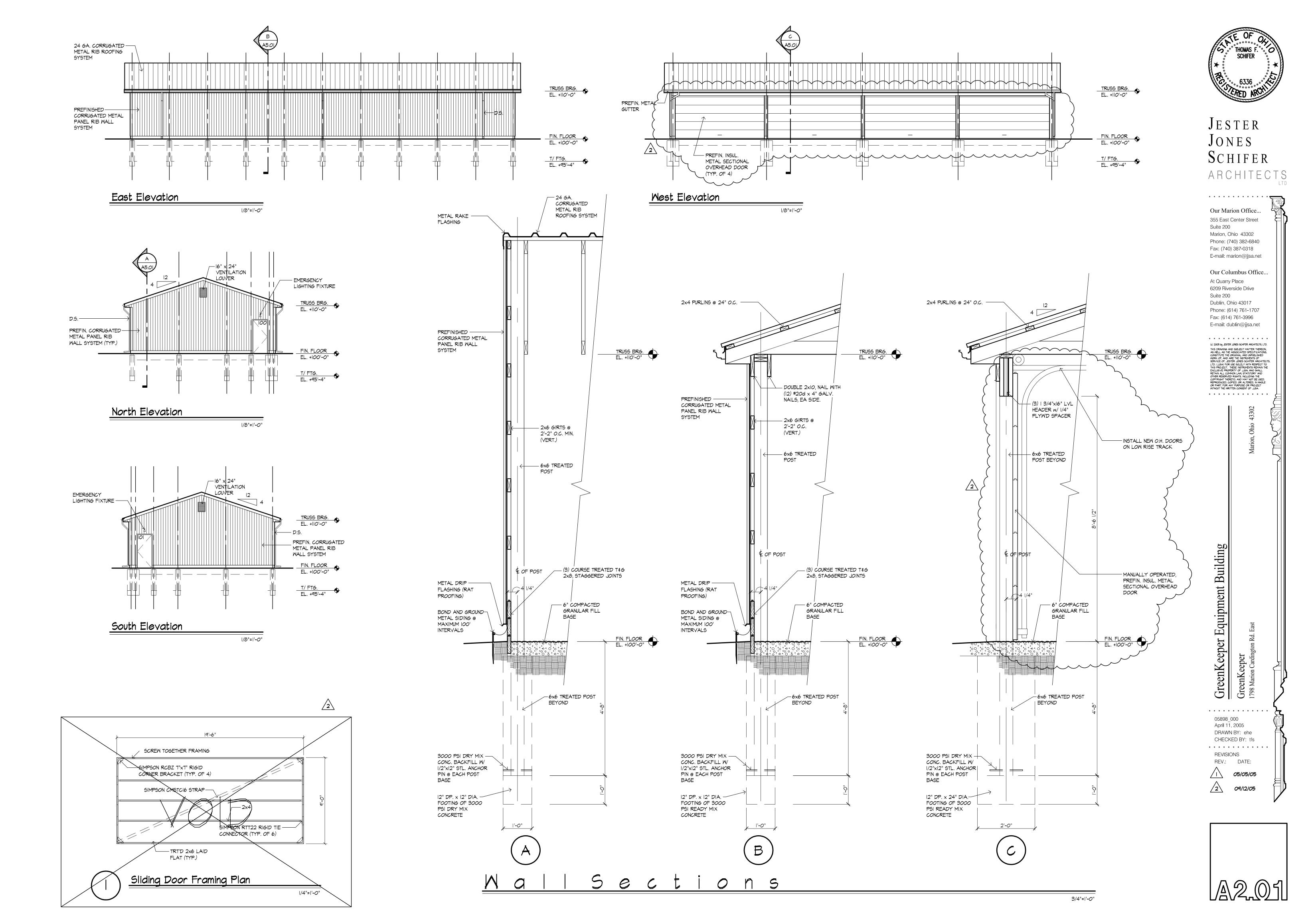
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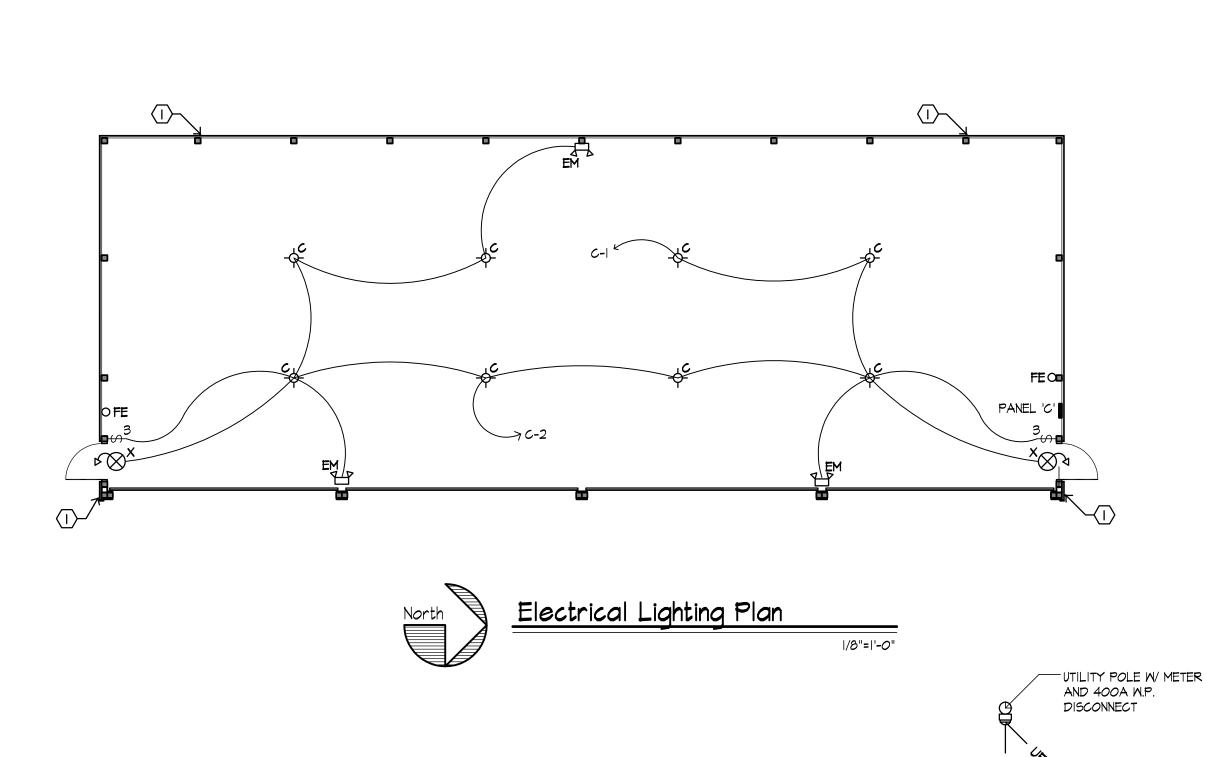
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Electrical Power Plan

## General Electrical Notes

- I. ALL ELECTRICAL WORK SHALL CONFORM TO THE NATIONAL ELECTRIC CODE, CURRENT EDITION, AND THE OHIO BUILDING CODE (OBC), CURRENT EDITION.
- 2. ELECTRICAL CONTRACTOR SHALL TABULATE LOADS FROM ALL NEW WORK AND VERIFY THAT ELECTRIC SERVICE, PANELS, BREAKERS, AND WIRE ARE PROPERLY SIZED TO HANDLE LOADS. ELECTRICAL CONTRACTOR SHALL SUPPLY AND INSTALL ALL FIXTURES, JUNCTION BOXES, OUTLETS, SMITCHES AND MIRING SHOWN ON THE DRAWINGS AND NEEDED FOR A COMPLETE JOB.
- 3. ELECTRICAL CONTRACTOR SHALL INSTALL SERVICE TO NEW EQUIPMENT ONLY FROM APPROVED SHOP DRAWINGS OF SUCH EQUIPMENT, WHICH SHOWS AND DIMENSIONS ALL CONNECTION POINTS. SUBMIT SHOP DRAWINGS SHOWING ALL NEW PANELS, CIRCUITING, BREAKERS, ETC. TO ARCHITECT FOR APPROVAL.
- 4. DIRECT BURIAL PVC CONDUIT MY BE SUBSTITUTED FOR UNDER SLAB WORK IF INSTALLED ACCORDING TO N.E.C. AND APPROVED BY LOCAL AUTHORITIES HAVING JURISDICTION. SWEEP ELBOWS PENETRATING THE SLAB SHALL BE STEEL. NO PVC CONDUIT OF ANY TYPE SHALL BE INSTALLED PENETRATING THE SLAB OR ABOVE SLAB.
- 5. SERVICE ENTRANCE CABLE SIZES ARE BASED ON ALUMINUM. ALL OTHER WIRE SIZES ARE BASED ON COPPER. ALUMINUM WIRE MAY BE SUBSTITUTED FOR COPPER FROM TRANSFORMER TO MAIN SWITCH GEAR IF APPROVED BY LOCAL POWER COMPANY. FEEDER WIRE AND CONDUIT FROM SWITCH GEAR TO PANELS MAY BE CHANGED TO ALUMINUM IF RESIZED IN ACCORDANCE WITH N.E.C.
- 6. ALL EXIT AND EMERGENCY EGRESS LIGHTS SHALL BE BATTERY-PACK TYPE, AND SHALL BE WIRED INTO THE NEAREST POWER CIRCUIT AHEAD OF ANY SWITCHING.
- 7. SWITCH GEAR SHALL BE WIRED TO PROVIDE SEPARATE CIRCUIT, WIRED AHEAD OF THE MAIN, TO SERVICE ALL EXIT LIGHTS, OR BATERY-PACK TYPE EXIT LIGHTS SHALL BE PROVIDED AND WIRED INTO A POWER CIRCUIT AHEAD OF ANY
- 8. WIRING RUN THRU MASONRY SHALL BE IN CONDUIT, INSTALLED AS THE MASONRY IS LAID UP. WIRING MAY BE RUN IN THE WALL INSULATION SPACE AND MAY BE ROMEX TYPE IF APPROVED BY CODE. UNDERGROUND WIRING SHALL BE DIRECT BURIAL TYPE.
- 9. IF REQUIRED BY OWNER, ELECTRICAL CONTRACTOR SHALL COORDINATE TELEPHONE SYSTEM INSTALLATION AT OUTLET LOCATIONS SHOWN ON DRAWINGS, AND PROVIDE ALL LABOR AND MATERIALS NOT SUPPLIED BY THE TELEPHONE COMPANY, BUT NEEDED FOR A COMPLETE JOB.
- 10. ALL LIGHT FIXTURES SHALL BE NOTED ON THE FIXTURE SCHEDULE AND CUT SHEETS SHALL BE SUBMITTED TO THE ARCHITECT FOR APPROVAL PRIOR TO ORDERING ANY FIXTURES.
- II. ELECTRICAL CONTRACTOR SHALL TEST ALL WIRING FOR CONTINUITY AND GROUNDS BEFORE FIXTURE INSTALLATION, AND SHALL THEN TEST THE ENTIRE SYSTEM IN THE PRESENCE OF THE ARCHITECT UPON COMPLETION TO ENSURE THE ABSENCE OF SHORT CIRCUITS AND GROUNDS.
- 12. ALL DUPLEX OUTLETS AND COMMUNICATION JUNCTION BOXES SHALL BE AT 48" ABOVE FINISH FLOOR, UNLESS NOTED OTHERWISE. SWITCH BOXES SHALL BE INSTALLED AT 48" ABOVE FINISH FLOOR TO THE TOP, UNLESS NOTED OTHERWISE. OUTLETS SHALL NOT BE LOCATED IN THE SAME STUD SPACE ON OPPOSITE SIDES OF A COMMON WALL.

# Electrical Legend

SURFACE MOUNTED INCANDESCENT CEILING LIGHT



LITHONIA #QMSMIRI20 EL WALL MOUNTED EXIT LIGHT WITH BATTERY BACK-UP. PROVIDE REMOTE HEAD #CDS ABOVE EXTERIOR DOORS IN LOCATIONS SHOWN ON PLAN.

DUPLEX RECEPTACLE, MOUNT @ 48" A.F.F., UNLESS NOTED OTHERWISE

TOGGLE SMITCH - 3-WAY, MOUNT AT 48" A.F.F.

ELECTRICAL PANEL

## Electrical Notes

(I) GROUND METAL SIDING W/ #6 CU TO MIN 8' COPPER GROUND ROD. BOND ALL CONNECTIONS. LOCATE AT MAXIMUM 100' INTERVALS.

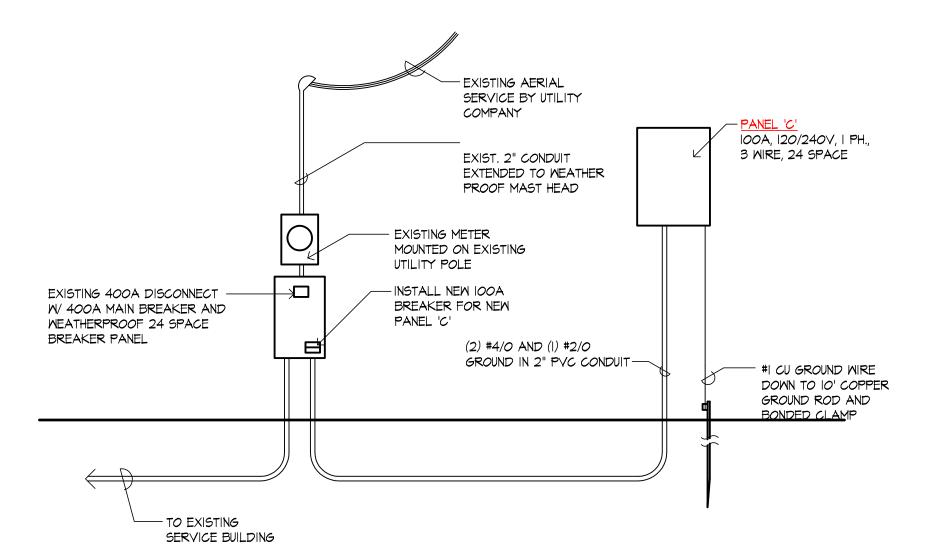
-NEW 100A UNDERGROUND ELECTRICAL (2) #4/O AND (1) # 2/0 GRND IN 2" PVC CONDUIT.

-EXISTING UNDERGROUND ELECTRIC SERVICE TO EXIST. BUILDING, (2) #4/0 AND (I) # 2/0 GRND IN 2"

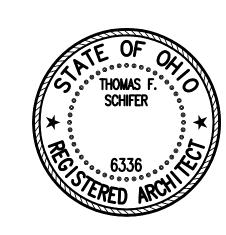
PVC CONDUIT.

1/8"=1'-0"

PANEL NO	* GFI BREAKER ** WITH "LOCK-ON"							TRIM   FLUSH   SURFACE   W/ GROUND BUS   SW/ MAIN CIRCUIT BREAKER   W/ SOLID NEUTRAL   W/ MAIN LUGS ONLY	
LOAD	WIRE SIZE	CB/P	URO.	Γ		<u>R</u> 9	B B	WIRE SIZE	LOAD
LIGHTING	12	20/1		]+		2	20/1	12	LIGHTING
LIGHTING	12	20/1	3	] •		4	20/1	12	RECEPTACLES
SPARE	12	20/1	5	]		0			SPACE
SPARE	12	20/1	7	•		8			
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Power Riser Diagram



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