

| SYMBOL | DESCRIPTION |
|--------------------|---|
| \$ | WEATHERPROOF SWITCH, SINGLE POLE 120/277 VAC, 20A, MOUNTED AT 48" AFF UNLESS OTHERWISE NOTED |
| \$ | MANUAL MOTOR STARTER, ELECTRICAL CONTRACTOR SHALL COORDINATE POLES AND SIZE WITH EQUIPMENT |
| 30A/3/2R W/20AF | DISCONNECT SWITCH, FUSED, HEAVY DUTY, SIZE AS INDICATED ON DRAWINGS |
| □ | DESIGNATED SIZE / # = NUMBER OF POLES / # = NEHA RATING, /WAF = FUSE SIZE |
| WP, GFCI CPD | RECEPTACLE, DUPLEX, 120VAC, 20A, MOUNTED 18" AFF, UNLESS OTHERWISE NOTED. (See Electrical Mounting Height Detail the Sheet) |
| ⊕ | WIRING METHOD AND TYPE: W = WIRING METHOD AND TYPE, WP = WEATHERPROOF COVER FOR OUTDOORS AND WET LOCATIONS |
| ☐ | TRANSFORMER, SIZE AS INDICATED ON DRAWING |
| □ | JUNCTION BOX |
| ▭ | PANEL BOARD, SURFACE MOUNTED, SIZE AND RATINGS AS INDICATED ON PANEL SCHEDULE |
| ○ | MOTOR OR FAN |
| ⬢ | WATER |
| --- | CONDUIT |
| → | CONDUIT, HOME RUN TO PANEL BOARD |
| 1-HR | 1 HOUR RATED FIRE WALL |
| 2-HR | 2 HOUR RATED FIRE WALL |
| 3-HR | 3 HOUR RATED FIRE WALL |
| — | GROUND CONDUCTOR BELOW GRADE |
| — | GROUND ROD, 3/4"x10'-0" LONG |
| ⊗ | GROUND CONDUCTOR CONNECTED TO BLDG. STEEL EXOTHERMIC TYPE CONNECTION |
| ⬢ | COPPER-CUAD |
| ▨ | HATCHING INDICATES ITEMS TO BE DEMOLISHED |

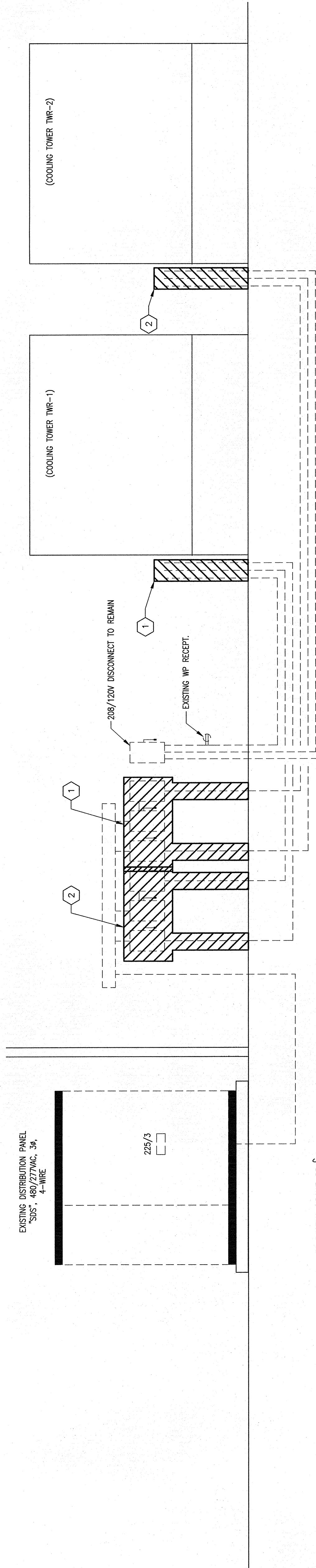
| Load Summary | | Phase |
|-------------------------------------|------------|-------|
| Usage | WSP | 3 |
| LOADS REMOVED THIS PROJECT | | |
| EQUIPMENT | | |
| Existing Cooling Tower Fan | 43,232 VA | |
| Existing Cooling Tower Heater | 24,000 VA | |
| Existing Cooling Tower Fan | 43,232 VA | |
| Existing Cooling Tower Heater | 24,000 VA | |
| Total Load Removed This Project | 134,464 VA | |
| Total Load Removed This Project | 162 Amps | |
| LOAD ADDED THIS PROJECT | | |
| New Largest Motor Approx. Amps x 25 | 11 Amps | |
| | 3 Amps | |
| EQUIPMENT | | |
| Existing Tower Fan | 104,754 VA | |
| Existing Tower Heater | 12,000 VA | |
| | 116,754 VA | |
| Sub-Total Equipment Demand | 140 Amps | |
| Sub-Total Equipment Demand | 143 Amps | |
| Total Equipment Demand | 143 Amps | |
| LOAD REMOVED THIS PROJECT | | |
| Load Removed This Project Amps | -19 Amps | |
| Total Demand Removed This Project | -15,424 VA | |

Start-up Procedure Note:

DURING START-UP AND TESTING OF THE NEW COOLING TOWER, ALL COOLING TOWER BASIN HEATERS SHALL BE LOCKED OUT TO ALLOW THE REMAINING EXISTING COOLING TOWER TO RUN (IF REQUIRED) WHILE STARTING THE NEW COOLING TOWER.

Selective Demolition Notes:

- [illegible]

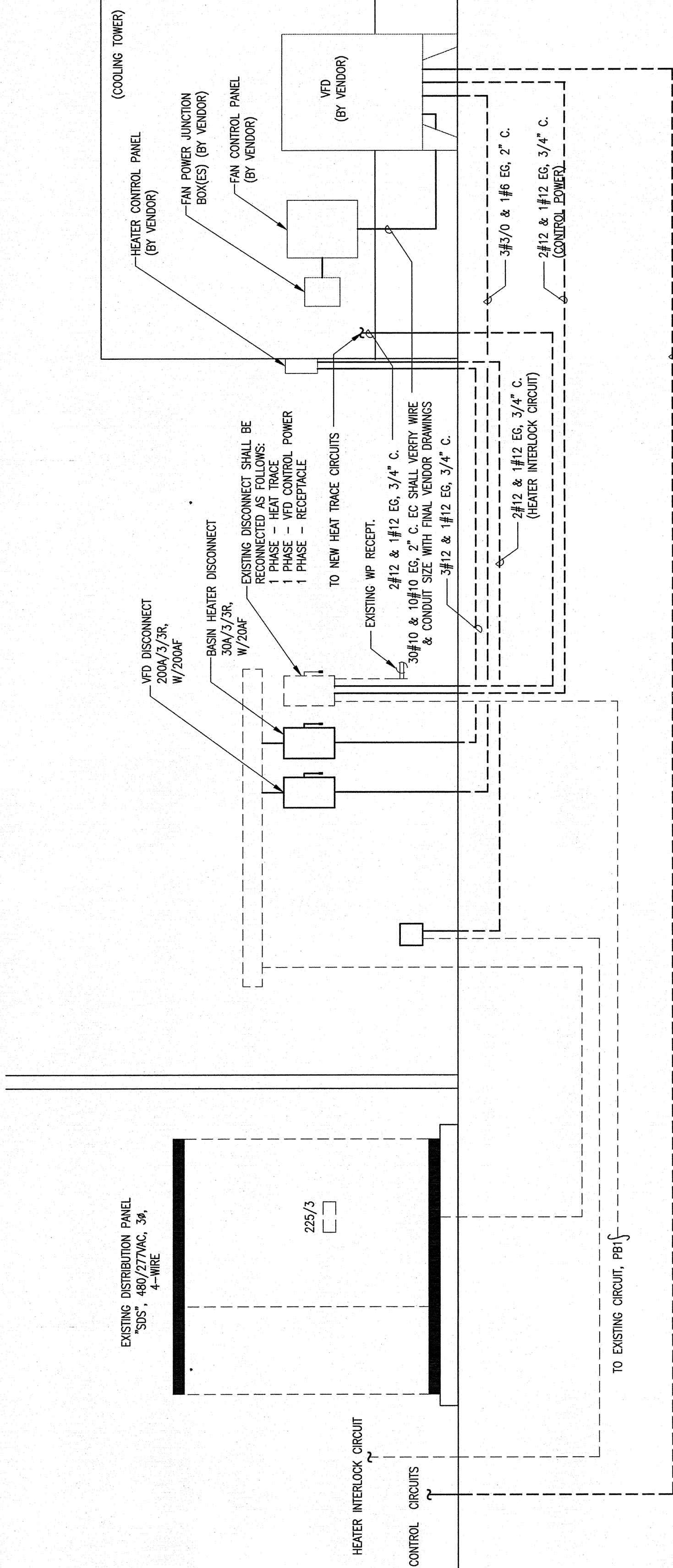


Keyed Notes:

- 1 DEMOLITION – THESE DEVICES AND ABOVE GROUND CONDUIT SHALL BE REMOVED DURING DEMOLITION OF FIRST COOLING TOWER. ALL EXISTING CONDUITORS SHALL BE REMOVED. UNDERGROUND PORTION OF CONDUIT SHALL BE ABANDONED IN PLACE. REFERENCE CONSTRUCTION SEQUENCE ON SHEET NO.1
 - 2 DEMOLITION – THESE DEVICES AND ABOVE GROUND CONDUIT SHALL BE REMOVED DURING DEMOLITION OF SECOND COOLING TOWER. ALL EXISTING CONDUITORS SHALL BE REMOVED. UNDERGROUND PORTION OF CONDUIT SHALL BE ABANDONED IN PLACE. REFERENCE CONSTRUCTION SEQUENCE ON SHEET NO.1

1 - Demo Riser

NOT TO SCALE



2 - New Work Riser

NOT TO SCALE

RECORD DRAWING

These Record Documents have been prepared based on information provided by others. The Engineer has not verified the accuracy and/or completeness of this information and shall not be the responsible for any errors or omissions which may be incorporated herein as a result.

Dated: 10-10-13 By: *[Signature]*

| | |
|-----------|-------|
| Job No.: | 10032 |
| Drawn: | MDM |
| Designed: | MDM |
| Checked: | WAC |

Drawing No:

70

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