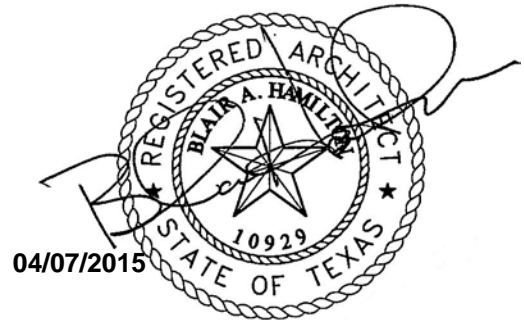




**TEXAS-IBI GROUP**  
 455 East Medical Center Boulevard—Suite 500  
 P.O. Box 891209, Houston TX 77289 USA  
 tel 281 286 6605 fax 281 286 9606  
 ibigrouptexas.com

# ARCHITECTURAL ADDENDUM NO. 01

Date of Issuance: April 7, 2015  
 Project: **RigOne Drilling Training Center  
 Houston Community College System**  
 Issued by: Texas-IBI Group  
 P. O. Box 891209  
 Houston, TX 77289  
 281-286-6605



Texas-IBI Group Project No.: **201321**

HCC Project No.: **CSP 15-11**

Prepared for: Prospective Proposers

**PART A: NOTICE TO PROPOSERS:**

1. Receipt of this Addendum shall be acknowledged on the Proposal Form. Failure to do so may subject Proposers to disqualification. Each proposer shall make necessary adjustments and submit his proposal with full knowledge of all modifications, clarification, and supplemental data included therein.
2. This Addendum forms part of the Contract Documents and shall be incorporated integrally therewith. Where provisions of the following supplemental data differ from those of previously issued documents, this Addendum shall govern.
3. The following Contract Documents have been issued to date delineating the Work (Project).

<u>DOCUMENT</u>	<u>DOCUMENT DATE</u>
Contract Documents	30 January 2015

4. This Addendum consists of: two (2) 8-1/2x11 written pages, two (2) full-size sheets / drawings as described in PART E below as prepared by Texas-IBI Group. Total pages: 4

**PART B: CHANGES TO PRIOR ADDENDUM**

5. None

**PART C: CHANGES TO THE PROJECT MANUAL**

6. Specifications Front Cover: Add HCC **Project No. CSP 15-11** to the front cover of the specifications.

**PART D: CHANGES TO THE DRAWINGS**

7. Cover Sheet: Delete in its entirety and replace with the attached Cover Sheet.
8. Sheet C2.04 Grading & Detention Pond Plan - Notes To Sheet: Replace note no. 1 to read as follows:  
Provide "Flexterra between high banks of all new swales and detention pond. Provide solid sodding and Hydromulch sodding at all other disturbed areas as described in section 32 92 00 Sodding."
9. Sheet E1.00 Electrical Site Plan, Notes: Delete note no. 4 and replace with the following:  
Proposed underground feeder (secondary). Install in PVC conduits in accordance with the contract documents. Concrete encasement is not required.
10. Sheet E1.00 Electrical Site Plan: Add general note at the electrical service drop as follows:  
A concrete pad is not required at the unistrut service rack. All electrical work on the power provider side of the meter / CT-can shall be installed in accordance with the power provider's requirements or standards. Contractor shall verify requirements."
11. Sheet E1.01 Electrical First Floor & Upper Platform Plans: Add note to read as follows:  
Contractor shall replace and rebuild the entire crane electrical and control components to make a complete and fully operational crane system. Confirm requirements of all working components.
12. Sheet E3.01 Details: Detail 1 - Electrical One Line Diagram: Delete and replace in its entirety. See the attached re-issued sheet E3.01 Electrical Details.
13. Sheet E3.01 Details Detail 1 - Electrical One Line Diagram: All unistrut rack / frame vertical supports shall be embedded in a 12 inch diameter concrete footing, a minimum 18 inches deep.
14. Sheet E3.01 Details: Detail 2 - Service Grounding Detail: Delete and replace in its entirety. See the attached re-issued sheet E3.01 Electrical Details.

**PART E: RE-ISSUED SHEETS**

15. Re-Issued the Cover Sheet in its entirety.
16. Re-Issued E3.01 Electrical Details Sheet in accordance with items 12 and 14.

**PART F: NEW ISSUED SHEETS**

17. None

**END OF ARCHITECTURAL ADDENDUM NO. 01**

# RIGONE DRILLING TRAINING CENTER

## HOUSTON COMMUNITY COLLEGE NE CAMPUS

HCC PROJECT NO. CSP 15-11



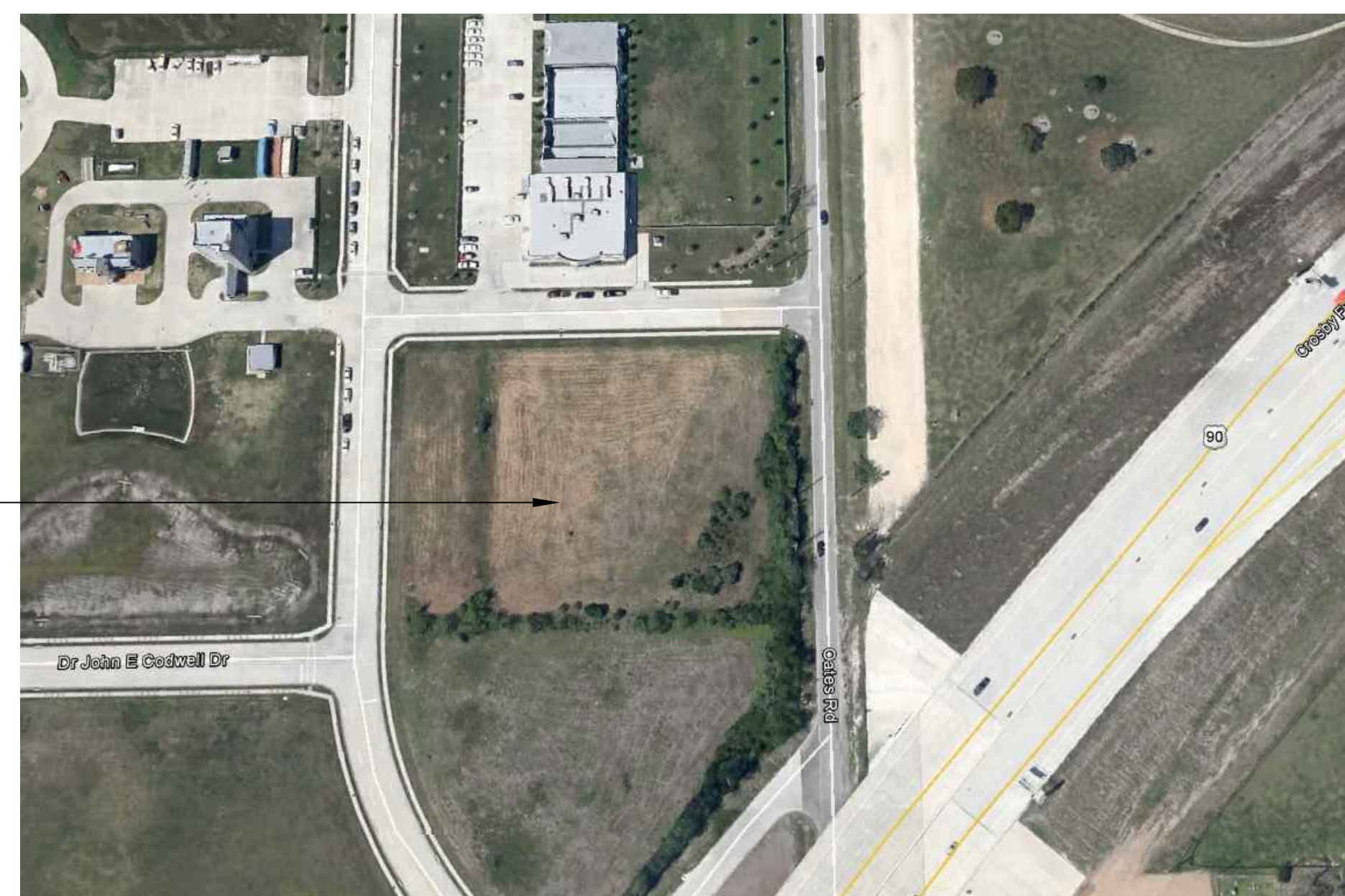
Chancellor \_\_\_\_\_  
 HCC Northeast Campus President \_\_\_\_\_  
 Chief Facilities Officer \_\_\_\_\_  
 Associate Vice Chancellor \_\_\_\_\_  
 Executive Director Energy Institute \_\_\_\_\_  
 Executive Director of Construction & Program Management \_\_\_\_\_

**Dr. Cesar Maldonado**  
**Dr. Margaret Ford Fisher**  
**Charles D. Smith, P.E.**  
**Dr. Madeline Burillo**  
**Dr. Joanna Kile**  
**Reynaldo Pradia, Sr.**

### Board of Trustees

District I \_\_\_\_\_ **Zeph Capo, Chairman**  
 District II \_\_\_\_\_ **Dave Wilson**  
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 District VIII \_\_\_\_\_ **Eva L. Loreda**  
 District IX \_\_\_\_\_ **Chistopher W. Oliver**

Approval Signature _____	Date _____
<b>Charles D. Smith, P.E.</b> _____	_____
<b>Dr. Madeline Burillo</b> _____	_____
<b>Dr. Joanna Kile</b> _____	_____



Site Location Map  
 NOT TO SCALE

**Address: 555 Community College Dr.  
 Houston, TX 77013**

## INDEX OF DRAWINGS

### COVER SHEET

- C1.01 ARCHITECTURAL SITE PLAN
- CIVIL**
- C2.00 TOPOGRAPHIC SURVEY
- C2.01 GENERAL NOTES
- C2.02 OVERALL SITE PLAN
- C2.03 CIVIL SITE PLAN & SWPP PLAN
- C2.04 GRADING & DETENTION POND PLAN
- C2.05 MISCELLANEOUS DETAILS
- C2.06 PUBLIC WORKS COVER SHEET
- C2.07 PUBLIC WORKS GENERAL NOTES
- C2.08 PUBLIC WORKS STORM SEWER PLAN & PROFILE DETAILS

### STRUCTURAL

- S1.01 GENERAL NOTES
- S2.01 FOUNDATION PLAN
- S2.02 LEVEL 2 FRAMING PLAN
- S2.03 LEVEL 3 FRAMING PLAN
- S3.01 PIER & PLINTH SCHEDULE
- S3.02 COLUMN SCHEDULE
- S4.01 FOUNDATION DETAILS
- S5.01 STEEL DETAILS
- S6.01 BRACE DETAILS AND ELEVATIONS

### ARCHITECTURAL

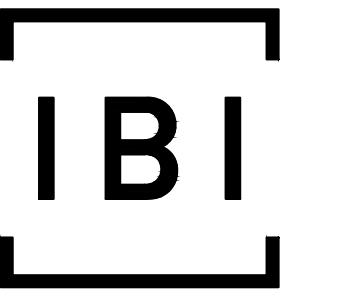
- A2.02 FIRST FLOOR & UPPER PLATFORM PLANS
- A6.01 SECTIONS
- A6.02 ENLARGED STAIR PLAN, ELEVATION, & SECTIONS

### ELECTRICAL

- E1.00 ELECTRICAL SITE PLAN
- E1.01 ELECTRICAL FIRST FLOOR & UPPER DECK PLATFORM PLANS
- E3.01 ELECTRICAL DETAILS

### PLUMBING

- P1.01 PLUMBING FIRST FLOOR & UPPER DECK PLATFORM PLANS



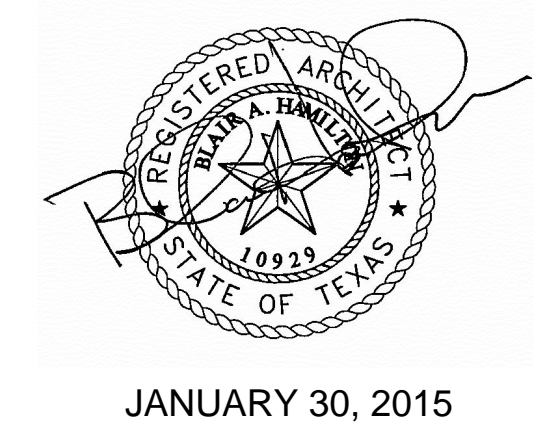
**IBI GROUP ARCHITECTS**  
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 tel 281 286 6605 fax 281 286 9606  
 ibigroup.com

### CONSULTANTS

**MEP**  
**JONES DBR ENGINEERING, INC**  
 9990 RICHMOND AVE.  
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 Phone: (713) 914-0888  
 Fax: (713) 914-0886

**STRUCTURAL**  
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 Fax: (713) 552-9229

**CIVIL**  
**S & G ENGINEERING**  
**CONSULTANTS, LLC**  
 1796 AVENUE D Suite B  
 Katy, Texas 77493  
 Phone: (713) 996-9510



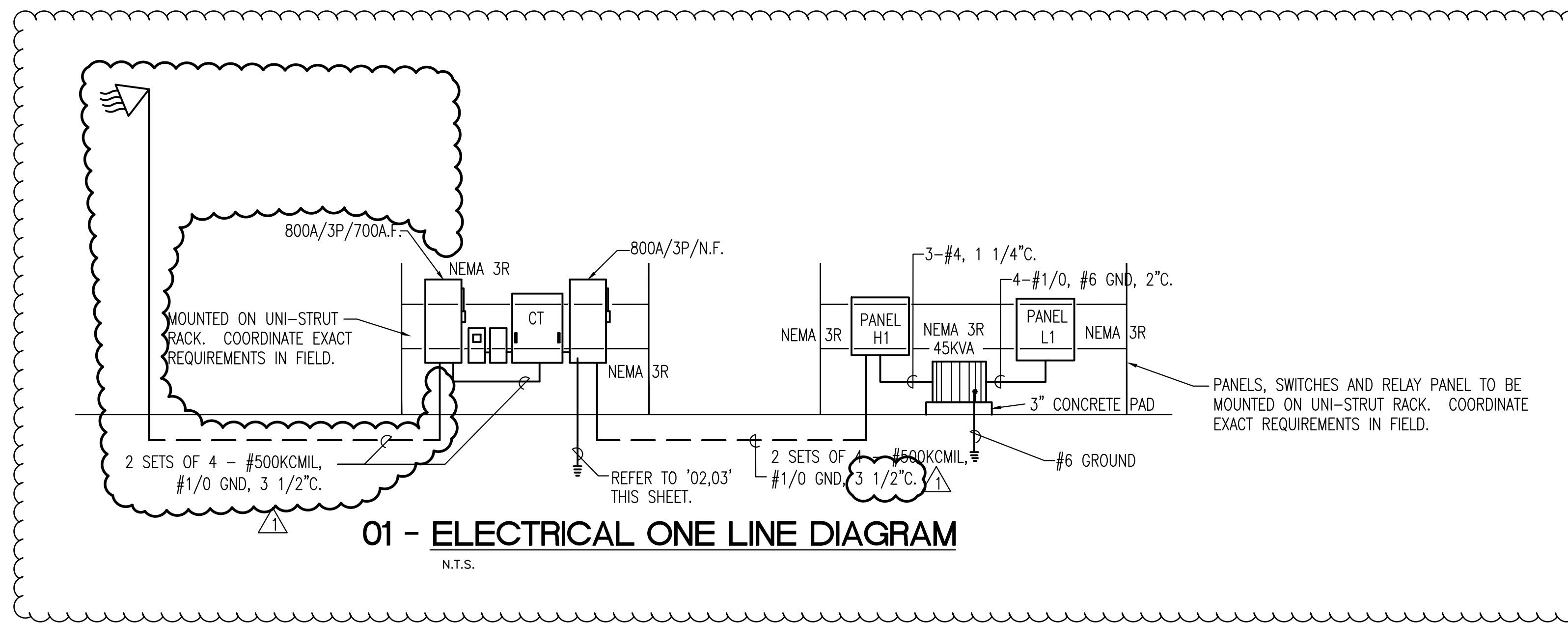
PROJECT NO. 201321  
 DATE: JANUARY 30, 2015  
 ISSUE: 100 % SET

**100 % SET**

**SET NO.**

**SYMBOL LEGEND**

SWITCHES	
	SWITCH, SPST, 20A, 120/277V
	ALL WIRES SHALL BE NEUTRAL, HOT, GROUND AND SWITCH LEG. UNLESS OTHERWISE SHOWN, UNDER GROUND CONDUIT
RECEPTACLES AND OUTLETS	
	DUPLEX WALL RECEPTACLE. "WP" DENOTES WEATHERPROOF, "TP" DENOTES SAFETY TYPE, "GFI" DENOTES GROUND FAULT PROTECTION.
	FOURPLEX WALL RECEPTACLE. NEMA 5-15R, 15A, 125V. DOT INDICATES ABOVE COUNTER.
	SPECIAL RECEPTACLE, NEMA CONFIGURATION AS NOTED.
	JUNCTION BOX
ELECTRICAL EQUIPMENT	
	DISTRIBUTION PANEL
	TRANSFORMER
MOTORS AND CONTROLS	
	SINGLE OR THREE PHASE MOTOR
	DISCONNECT (SAFETY) SWITCH "200/3/150" DENOTES AMPERES/POLE/FUSE, "NF" DENOTES NON-FUSED



**Load Analysis**

	Connect KVA	Factor	Demand KVA	A Amps	B Amps	C Amps	N Amps
Lighting	2.5	1.25	3.1	3.8	3.8	3.8	3.8
Receptacles	4.1	1.00	4.1	5.0	5.0	5.0	5.0
(1000@100%, rest @50%)	0.0	0.50	0.0	0.0	0.0	0.0	0.0
HVAC	0.0	1.00	0.0	0.0	0.0	0.0	0.0
MISC	96.5	1.00	96.5	116.1	116.1	116.1	116.1
25% Largest Motor	6.9	1.00	6.9	8.3	8.3	8.3	8.3
Future Equipment	400.0	1.00	400.0	481.3	481.3	481.3	481.3
<b>Total</b>	<b>510.0</b>		<b>510.6</b>	<b>614.4</b>	<b>614.4</b>	<b>614.4</b>	<b>614.4</b>

277/480V, 3 PHASE, 4 WIRE SERVICE

**Panel H1**

Load	Serving	Wire	Breaker	Circuit	Circuit	Breaker	Wire	Serving	Load
22170	Crane	#3	3P-100	1 A		2-3P-70	--	XFMR Panel L1	
22170		--	--	3 B		4 --	--		
22170		--	--	7 A	C	6 --	--		
0 Space		--	--	9 A	B	8 1P-20	#10	Lighting	1580
0 Space		--	--	9 B	C	10 1P-20	#10	Lighting	936
0 Space		--	--	11 C	C	12 1P-20	--	Spare	0
				13 A		14			
				15 B		16			
				17 C		18			
				19 A		20			
				21 B		22			
				23 C		24			
				25 A		26			
				27 B		28			
				29 C		30			
				31 A		32			
				33 B		34			
				35 C		36			
				37 A		38			
				39 B		40			
				41 C		42			

66510.751

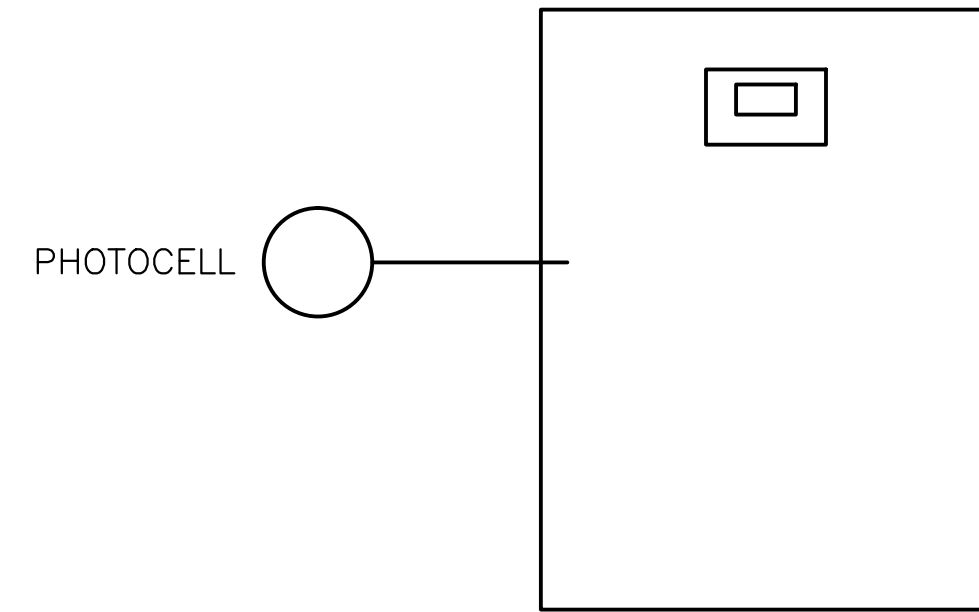
**Load Summary (Including Sub Panels)**

	Con KW	Factor	Dem KW
Lighting	2.516	1.25	3.145
Rec 100% @ 100%, rest @ 50%	0.0	1.00	0.0
Rec 50%	0.0	0.50	0.0
Equip	96.5	1.00	96.5
HVAC	0.0	1.00	0.0
Kitchen	0.0	0.65	0.0
<b>Total KW</b>	<b>99.0</b>		<b>99.6</b>
<b>Amps</b>	<b>119.1</b>		<b>119.8</b>

INCLUDES SUB PANELS

**Lighting Fixture Schedule**

Mark	Description	Mounting	Lamps	Type	Volts	Remarks
A	Lithonia #FEM4 LED-6L-IMAFL-SD-277-VLF-TRS-WLFEND	Surface	78	LED	277	
B	Hydrel #8200-8COB-40K-277-WFL-	Surface	295	LED	277	Coordinate Mounting in field



**CONTROLS**  
 PROVIDE PHOTO CELL "ON" TIME SWITCH "OFF" CONTROLS, ASTRONOMICAL TIME CLOCK, COMBINATION SEVEN-DAY AND SEASONAL DAYLIGHT PROGRAM SCHEDULE ADJUSTMENT, AND A MINIMUM 4-HOUR POWER BACKUP.

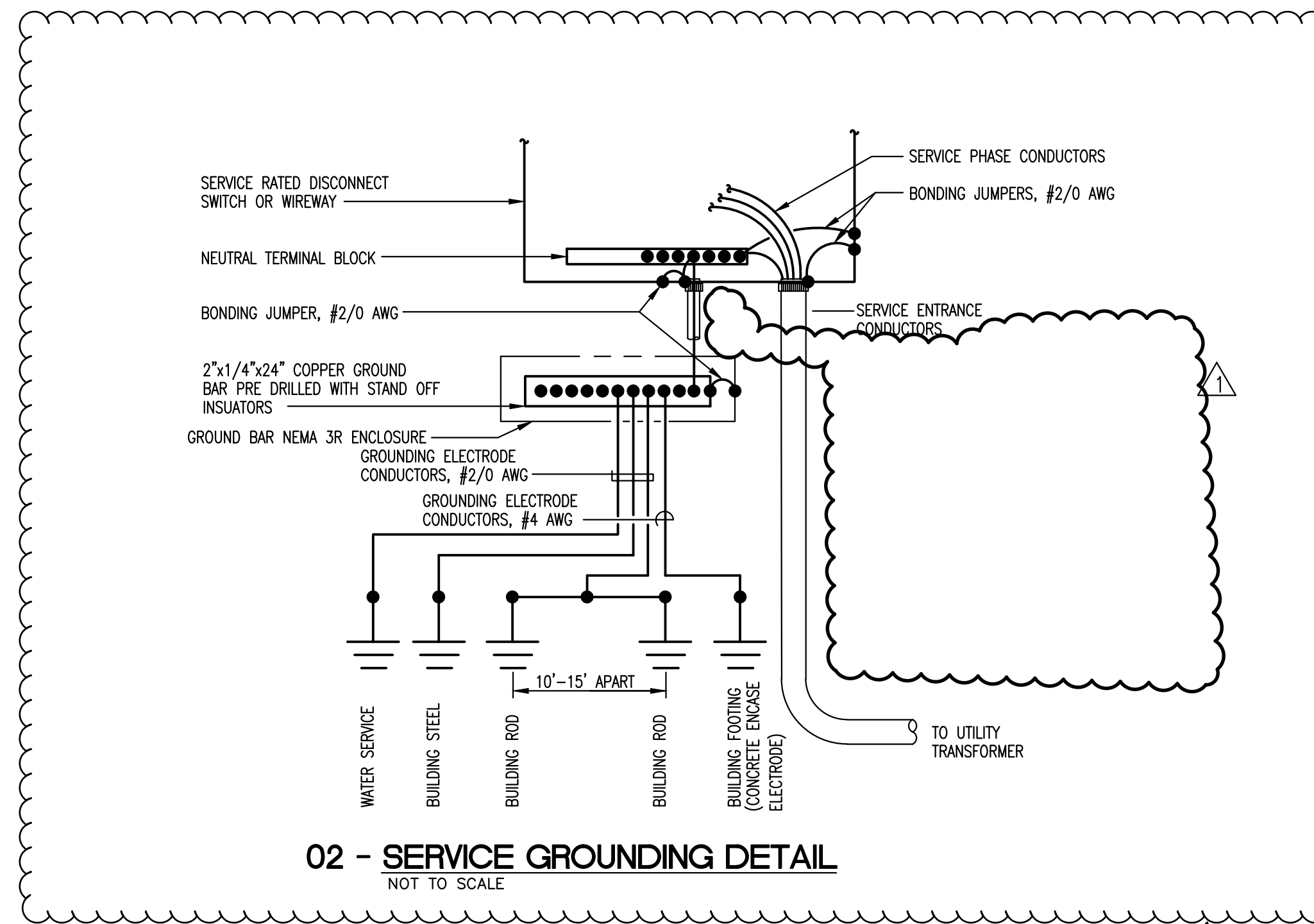
**04 - LIGHTING CONTROLS - LOW VOLTAGE SINGLE LINE**  
 N.T.S.

LCP1

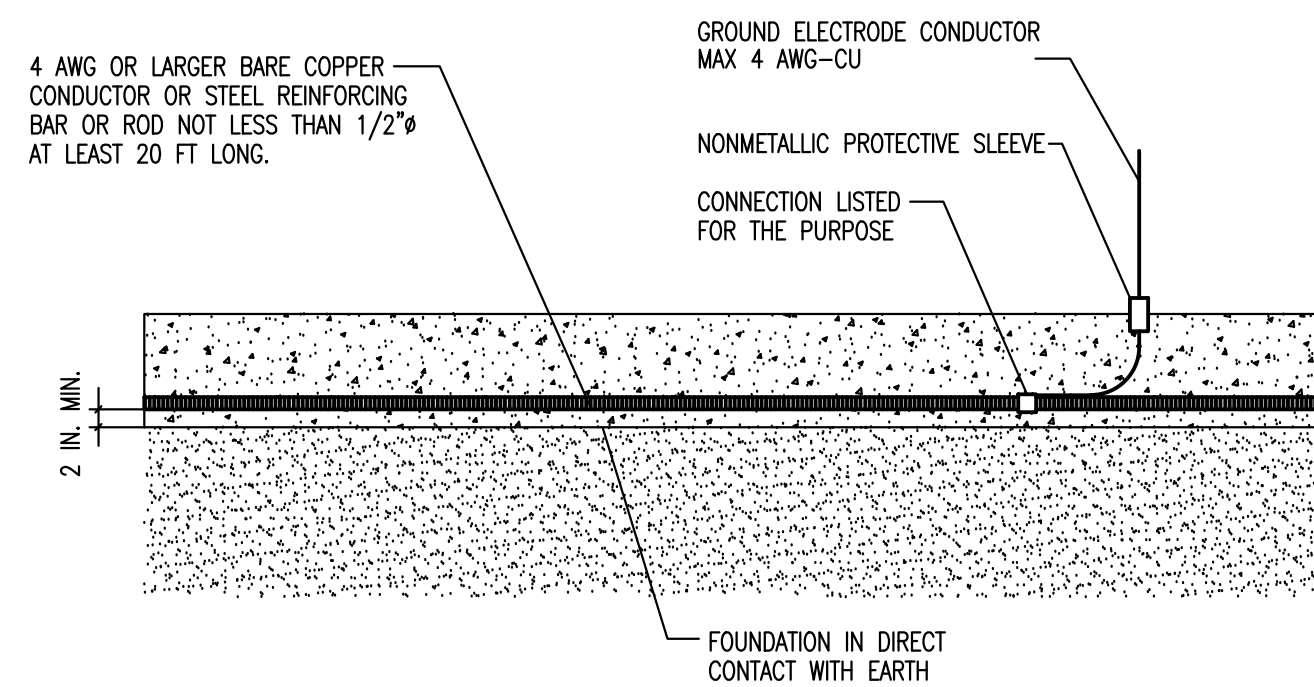
Relay	Line Feed	Voltage	Description	Relay	Line Feed	Description
1	H1-8	277V	Lighting	2	L1-2/4	208V Receptacle
3	H1-10	277V	Lighting	4	--	--
5	L1-1/3	208V	208V Receptacle	6	L1-6/8	208V Receptacle
7	--	--	--	8	--	--
9	L1-5/7	208V	208V Receptacle	10	L1-10/12	208V Receptacle
11	--	--	--	12	--	--
13	L1-9/11	208V	208V Receptacle	14	L1-14/16	208V Receptacle
15	--	--	--	16	--	--
17	L1-13/15	208V	208V Receptacle	18	L1-18/20	208V Receptacle
19	--	--	--	20	--	--
21	L1-17/19	208V	208V Receptacle	22	L1-22	120V Receptacles
23	--	--	--	24	L1-24	120V Receptacles
25	L1-21/23	208V	208V Receptacle	26	L1-26	120V Receptacles
27	--	--	--	28	L1-28	120V Receptacles
29	L1-25/27	208V	208V Receptacle	30	L1-30	120V Receptacles
31	--	--	--	32	L1-32	120V Receptacles
33	L1-29	120V	Receptacles	34	L1-34	120V Receptacles
35	L1-31	120V	Receptacles	36	L1-36	120V Receptacles
37	L1-33	120V	Receptacles	38	--	120V Spare
39	L1-35	120V	Receptacles	40	--	120V Spare
41	L1-37	120V	Receptacles	42	--	120V Spare

\* - THROUGH PHOTO CELL

**05 - RELAY PANEL SCHEDULE**  
 N.T.S.



**02 - SERVICE GROUNDING DETAIL**  
 NOT TO SCALE



**03 - CONCRETE - ENCASED ELECTRODE**  
 NOT TO SCALE

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**RigOne Drilling Training Center Program**  
**Houston Community College NE Campus**  
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 ibigroup.com

REVISIONS 04/02/2015

PROJECT NO. 201321  
 DATE JANUARY 30, 2015  
 DRAWN AS  
 CHECKED AS

DATE ISSUE

100% SET

**E3.01**  
 ELECTRICAL DETAILS

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 Houston, Texas 77042  
 713.914.4333 P  
 713.914.9260 F  
 TBPE Firm Registration NO. 13002

JONES\*DBR Project Number