



DESIGN & INSTALL ALL MECHANICAL SYSTEMS TO THE FOLLOWING CODES AND STANDARDS:

ALBERTA BUILDING CODE - 2006  
 ALBERTA FIRE CODE - LATEST EDITION  
 CANADIAN ELECTRICAL CODE - LATEST EDITION  
 CANADIAN BUILDING CODE - LATEST EDITION  
 NATIONAL FIRE CODE - LATEST EDITION  
 NFPA-13 & ALL OTHER APPLICABLE NFPA SECTIONS  
 CANADIAN PLUMBING CODE - LATEST EDITION  
 CANADIAN GAS INSTALLATION CODE CGA-B149  
 SMACNA

**FIELD REVIEW:**

THE ENGINEER HAS BEEN ADVISED ONLY FOR PERSONS SITE INSPECTIONS TO THE PROJECT. THE ENGINEER'S LIABILITY IS LIMITED TO THE DESIGN AND/OR CONTRACTOR SHALL BEAR THEIR OWN BURDEN FOR THE OCCURRENCE OF THE PROJECT'S HEALTH AND SAFETY. THE ENGINEER SHALL NOT BE RESPONSIBLE FOR THE OCCURRENCE OF THE PROJECT'S HEALTH AND SAFETY.

**PLANS EXAMINATION:**

ENGINEERS ARE NOT TO BE USED FOR CONSTRUCTION UNTIL REVIEWED AND APPROVED BY THE ALBERTA PLANNING DEPARTMENT. THIS AUTHORITY IS BASED ON APPLICATIONS FOR CONSTRUCTION PERMITS. THESE CODES ARE UNENFORCED AND THEREFORE, ARE THE RESPONSIBILITY OF THE OWNER AND/OR CONTRACTOR.

**COORDINATES:**

ALL DIMENSIONS, DISTANCES AND SPACINGS ARE TO BE MEASURED FROM THE PERMANENT SURFACE OF THE GROUND AND SPACINGS IN PARALLEL TO WALLS, STAIRS AND TO BE MEASURED ONLY FOR THE PURPOSE FOR WHICH THE ENGINEER AND CONTRACTOR HAVE SPECIFICALLY INTENDED THEM TO BE USED.

**DRAINING REVIEW:**

ALL DIMENSIONS, DISTANCES AND SPACINGS ARE TO BE MEASURED FROM THE PERMANENT SURFACE OF THE GROUND AND SPACINGS IN PARALLEL TO WALLS, STAIRS AND TO BE MEASURED ONLY FOR THE PURPOSE FOR WHICH THE ENGINEER AND CONTRACTOR HAVE SPECIFICALLY INTENDED THEM TO BE USED.

**REVISIONS**

NO.	DESCRIPTION	DATE	CR
1	BUILDING PERMIT	MAY 4, 12	
2	TENDER	MAY 22, 12	

**R. Lamontagne, P. Eng.**  
 P.O. Box 2531  
 Didsbury, Alberta, T0M 0W0  
 Tel: (403) 703 6161  
 E MAIL: rlamont@shaw.ca

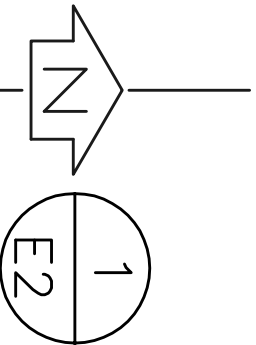
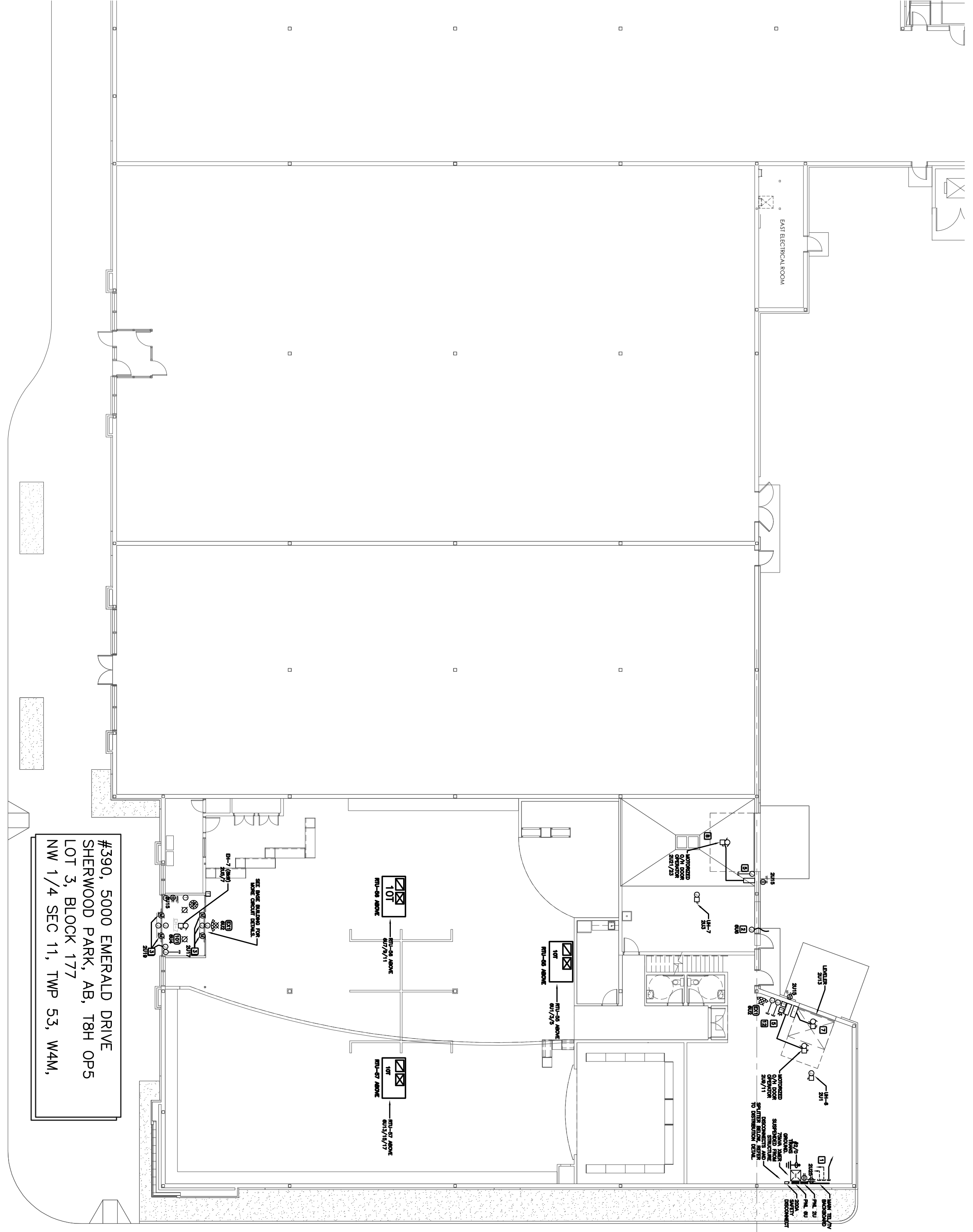
**PROJECT**  
 VISIONS - EMERALD HILL CENTRE  
 #390, 5000 EMERALD DRIVE  
 SHERWOOD PARK, AB, T8H 0P5

**TITLE**  
 EXISTING BASE BUILDING POWER

SCALE	DATE	DRAWING NO.
AS SHOWN	MAY 02, 2012	E2
DESIGN BY	CHECKED BY	
JOB # 1209	DATE	REVISION: 2
PLOTTED:	CORDED:	

PANEL '6U	LOCATION	VOLTAGE	PHASE	WIRE	MAIN	TYPE	INT. CAP. (RMS SYS.)	CIRCUITS	FEEDER	
	WHSE	347/600	3	4	200A			42	4 - #3/000	
NOTES:										
DESCRIPTION	POLE	AMP.	CCT.	L1	L2	L3	CCT.	AMP.	POLE	DESCRIPTION
EX. RUI 55	1	30	1				1	15	2	EX. EM LIGHTING
EX. RUI 55	1	30	3				1	15	4	EX. EXTERIOR LIGHTING
EX. RUI 55	1	30	5				1	15	6	EX. SIGNAGE
EX. RUI 56	1	30	7				1	15	8	
EX. RUI 56	1	30	9				1	15	10	
EX. RUI 56	1	30	11				1	15	12	
EX. RUI 57	1	30	13				1	15	14	
EX. RUI 57	1	15	15				1	15	16	
EX. RUI 57	1	15	17				1	15	18	
EX. RUI 57	1	15	19				1	15	20	
EX. RUI 57	1	15	21				1	15	22	
EX. RUI 57	1	15	23				1	15	24	
EX. RUI 57	1	15	25				1	15	26	
EX. RUI 57	1	15	27				1	15	28	
EX. RUI 57	1	15	29				1	15	30	
EX. RUI 57	1	15	31				1	15	32	
EX. RUI 57	1	15	33				1	15	34	
EX. RUI 57	1	15	35				1	15	36	
EX. RUI 57	1	15	37				1	15	38	
EX. RUI 57	1	15	39				1	15	40	
EX. RUI 57	1	15	41				1	15	42	

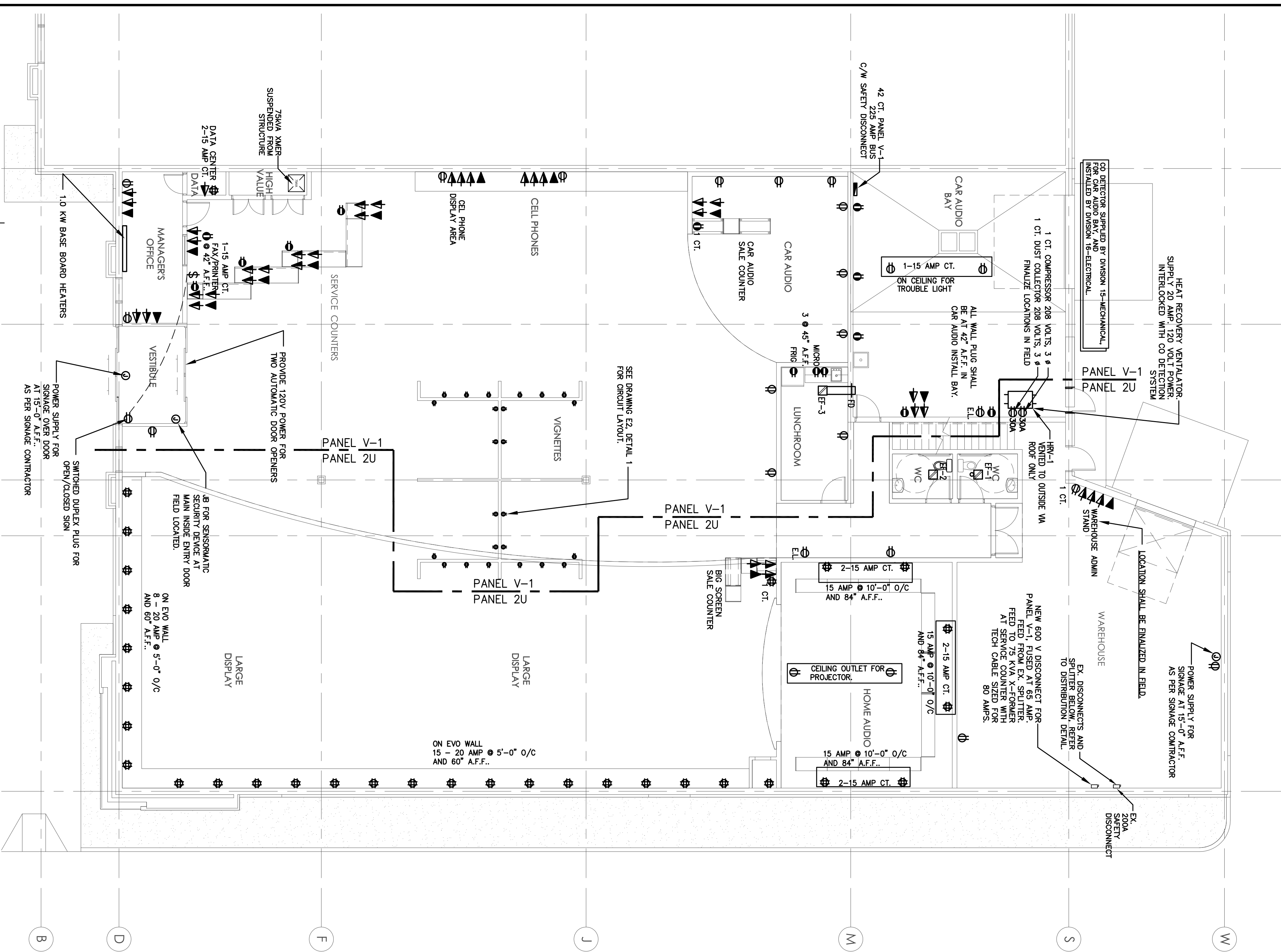
PANEL '2U	LOCATION	VOLTAGE	PHASE	WIRE	MAIN	TYPE	INT. CAP. (RMS SYS.)	CIRCUITS	FEEDER	
	WHSE	120/208	3	4	200A			66	4 - #3/000	
NOTES:										
DESCRIPTION	POLE	AMP.	CCT.	L1	L2	L3	CCT.	AMP.	POLE	DESCRIPTION
EX. UNIT HEATER UH-6	1	15	1				1	15	2	
EX. UNIT HEATER UH-7	1	15	3				1	15	4	EX. LIGHTING
EX. ELECT. HEATER EH-7	1	50	5				1	15	6	
EX. ELECT. HEATER EH-7	1	50	7				1	15	8	
EX. DOOR OPERATOR	1	15	9				1	15	10	
EX. DOOR OPERATOR	1	15	11				1	15	12	
EX. DOOR LEVER	1	40	13				1	15	14	
EX. WP REPLACEMENT	1	15	15				1	15	16	
EX. AUTOMATIC DOORS	1	15	17				1	15	18	
EX. AUTOMATIC DOORS	1	15	19				1	15	20	
EX. DOOR OPERATOR	1	15	21				1	15	22	
EX. DOOR OPERATOR	1	15	23				1	15	24	
EX. TELEPHONE/TV BACKGROUND	1	15	25				1	15	26	
EX. TELEPHONE/TV BACKGROUND	1	15	27				1	15	28	
EX. TELEPHONE/TV BACKGROUND	1	15	29				1	15	30	
EX. TELEPHONE/TV BACKGROUND	1	15	31				1	15	32	
EX. TELEPHONE/TV BACKGROUND	1	15	33				1	15	34	
EX. TELEPHONE/TV BACKGROUND	1	15	35				1	15	36	
EX. TELEPHONE/TV BACKGROUND	1	15	37				1	15	38	
EX. TELEPHONE/TV BACKGROUND	1	15	39				1	15	40	
EX. TELEPHONE/TV BACKGROUND	1	15	41				1	15	42	
EX. TELEPHONE/TV BACKGROUND	1	15	43				1	15	44	
EX. TELEPHONE/TV BACKGROUND	1	15	45				1	15	46	
EX. TELEPHONE/TV BACKGROUND	1	15	47				1	15	48	
EX. TELEPHONE/TV BACKGROUND	1	15	49				1	15	50	
EX. TELEPHONE/TV BACKGROUND	1	15	51				1	15	52	
EX. TELEPHONE/TV BACKGROUND	1	15	53				1	15	54	
EX. TELEPHONE/TV BACKGROUND	1	15	55				1	15	56	
EX. TELEPHONE/TV BACKGROUND	1	15	57				1	15	58	
EX. TELEPHONE/TV BACKGROUND	1	15	59				1	15	60	
EX. TELEPHONE/TV BACKGROUND	1	15	61				1	15	62	
EX. TELEPHONE/TV BACKGROUND	1	15	63				1	15	64	
EX. TELEPHONE/TV BACKGROUND	1	15	65				1	15	66	



**EXISTING BASE BUILDING POWER**  
 1/8" = 1'-0"

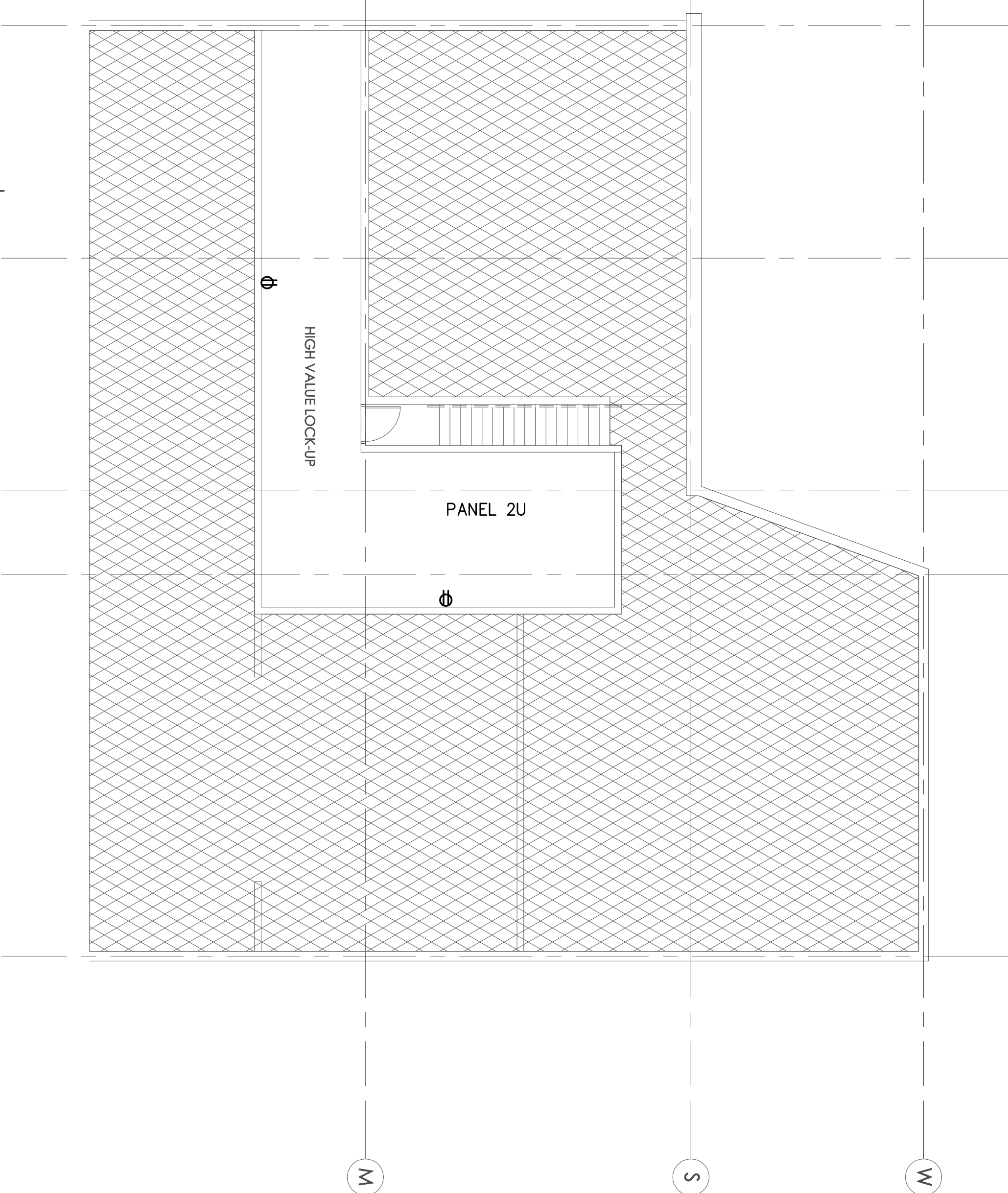
NOTE: ELECTRICAL CONTRACTOR SHALL REVIEW DIVISION 15 PLANS AND SPECIFICATIONS TO DETERMINE THE COMPLETE SCOPE OF WORK REQUIRED TO CONNECT ALL MECHANICAL COMPONENTS TO THE BUILDING ELECTRICAL SYSTEM.  
 ALL ELECTRICAL OUTLET PLUGS SHALL BE LOCATED AT 12" A.F.F. UNLESS NOTE OTHERWISE.  
 MAXIMUM OF FOUR (4) PLUGS PER 15 AMP BREAKER UNLESS NOTED OTHERWISE.  
 INFORMATION SHOWN ON THIS PLAN \E2 WAS COPIED FROM THE BASE BUILDING PLANS, AND RICHARD LAMONTAGNE, P. Eng. ASSUMES NO RESPONSIBILITY FOR ITS ACCURACY.

ALL WALL PLUG SHALL

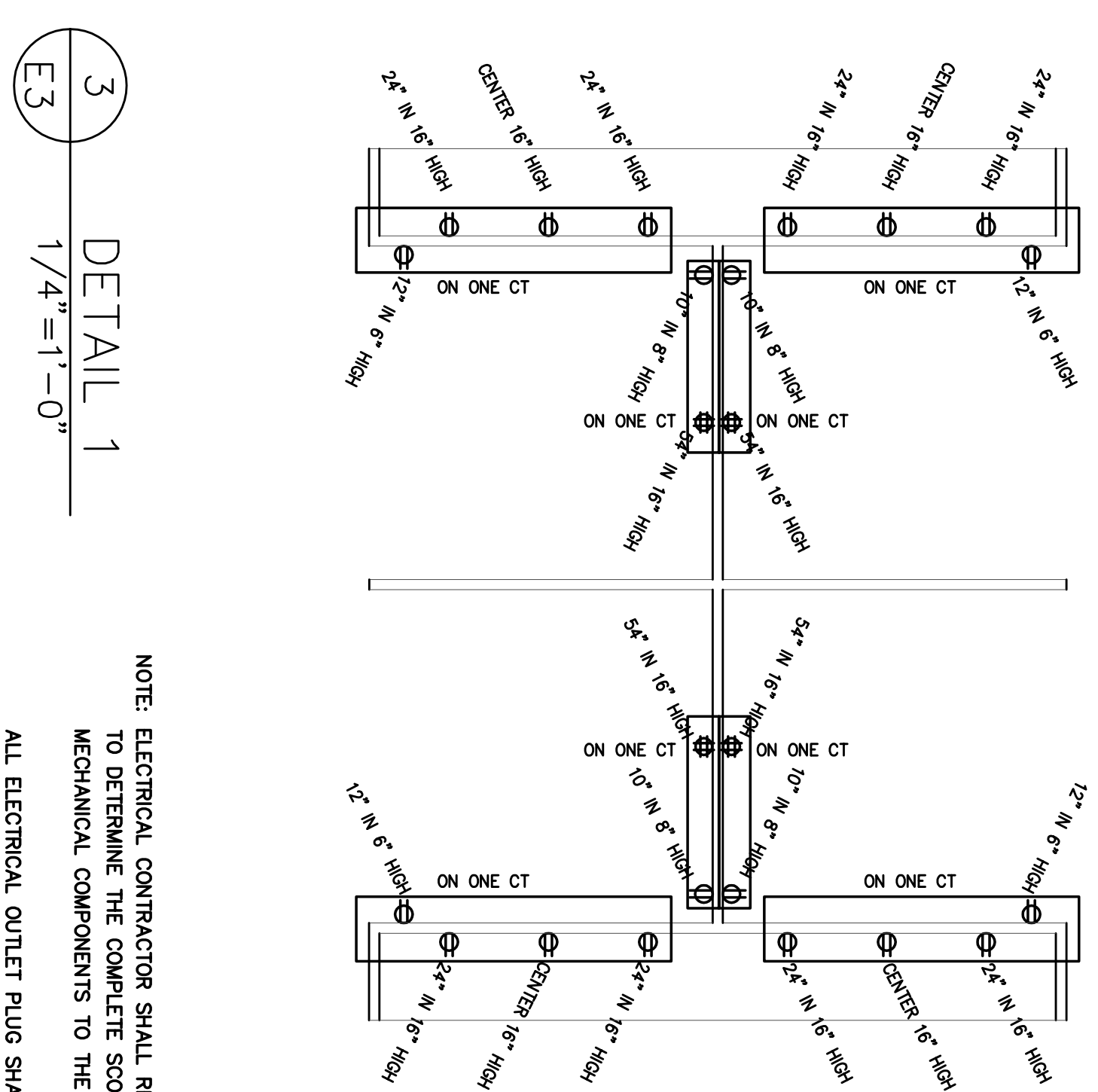


REV. 2  
 MAIN FLOOR POWER  
 1/8"=1'-0"  
 E3

#390, 5000 EMERALD DRIVE  
 SHERWOOD PARK, AB, T8H 0P5  
 LOT 3, BLOCK 177  
 NW 1/4 SEC 11, TWP 53, W4M.



2  
 2nd FLOOR POWER  
 1/8"=1'-0"  
 E3



3  
 DETAIL 1  
 1/4"=1'-0"  
 E3

NOTE: ELECTRICAL CONTRACTOR SHALL REVIEW DIVISION 15 PLANS AND SPECIFICATIONS TO DETERMINE THE COMPLETE SCOPE OF WORK REQUIRED TO CONNECT ALL MECHANICAL COMPONENTS TO THE BUILDING ELECTRICAL SYSTEM.  
 ALL ELECTRICAL OUTLET PLUG SHALL BE LOCATED AT 12" A.F.F. UNLESS NOTE OTHERWISE.  
 MAXIMUM OF FOUR (4) PLUGS PER 15 AMP BREAKER UNLESS NOTED OTHERWISE.

DESIGN & INSTALL ALL MECHANICAL SYSTEMS TO THE FOLLOWING CODES AND STANDARDS:

- ALBERTA BUILDING CODE - 2006
- ALBERTA FIRE CODE - LATEST EDITION
- CANADIAN ELECTRICAL CODE - LATEST EDITION
- NATIONAL BUILDING CODE - LATEST EDITION
- NATIONAL FIRE CODE - LATEST EDITION
- NFPA-13 & ALL OTHER APPLICABLE NFPA SECTIONS
- CANADIAN PLUMBING CODE - LATEST EDITION
- CANADIAN GAS INSTALLATION CODE CGA-B149
- SMACNA

**FIELD REVIEW:**  
 THE ENGINEER HAS BEEN ADVISED ONLY FOR PERSONS SITE INSPECTIONS TO THE PROJECT TO VERIFY GENERAL COMPLIANCE OF THE REVISED PORTIONS OF THE PROJECT TO THE ABOVE LISTED CODES.  
**SITE SAFETY:**  
 THE ENGINEER SHALL BE RESPONSIBLE FOR ON-SITE SAFETY MATTERS FOR OTHER THAN THEIR OWN EMPLOYEES. THE OWNER AND/OR CONTRACTOR SHALL BEAR RESPONSIBILITY FOR THE SAFETY OF THE OCCUPANCY, HEALTH AND SAFETY OF THE WORKERS.  
**PLANS EXAMINATION:**  
 DRAWINGS ARE NOT TO BE USED FOR CONSTRUCTION UNTIL REVIEWED AND APPROVED BY THE AUTHORITY HAVING JURISDICTION. THIS AUTHORITY, BASED ON APPLICABLE CODES, THESE CODES ARE UNDERSTOOD AND THEREFORE, ARE THE RESPONSIBILITY OF THE OWNER AND/OR CONTRACTOR.  
**COOPERATION:**  
 ALL DRAWINGS, NOTES AND SPECIFICATIONS ARE THE PROPERTY OF THE ENGINEER. THESE DRAWINGS AND SPECIFICATIONS ARE NOT TO BE REPRODUCED OR COPIED IN ANY MANNER WITHOUT THE WRITTEN PERMISSION OF THE ENGINEER. ANY REVISIONS TO THESE DRAWINGS ARE TO BE MADE ONLY FOR THE PROJECT FOR WHICH THEY ARE DESIGNED AND ARE NOT TO BE USED FOR ANY OTHER PROJECT WITHOUT THE WRITTEN PERMISSION OF THE ENGINEER.  
**DRAWING REVIEW:**  
 THE ENGINEER HAS REVIEWED THE DRAWINGS AND APPROVED ALL APPLICABLE CODES. THE ENGINEER HAS REVIEWED THE DRAWINGS AND APPROVED ALL APPLICABLE CODES. THE ENGINEER HAS REVIEWED THE DRAWINGS AND APPROVED ALL APPLICABLE CODES. THE ENGINEER HAS REVIEWED THE DRAWINGS AND APPROVED ALL APPLICABLE CODES.

REVISIONS			
NO.	DESCRIPTION	DATE	CR
1	BUILDING PERMIT	MAY 4, 12	
2	FIRE ALARM INSTALLER NOTES	MAY 17, 12	
3	TENDER	MAY 22, 12	

**R. Lamontagne, P. Eng.**  
 P.O. Box 2531  
 Didsbury, Alberta, T0M 0W0  
 Tel: (403) 703 6161  
 E MAIL: rlamont@shaw.ca

**PROJECT**  
 VISIONS - EMERALD HILL CENTRE  
 #390, 5000 EMERALD DRIVE  
 SHERWOOD PARK, AB, T8H 0P5

TITLE			
VISIONS TENANT POWER PLAN			
SCALE	DATE	DRAWING NO.	
AS SHOWN	MAY 04, 2012	E3	
DESIGN BY	CHECKED BY	REVISION: 3	
JOB #: 1209	DATE:	CORRECT:	
PLOTTED:			

DESIGN & INSTALL ALL MECHANICAL SYSTEMS TO THE FOLLOWING CODES AND STANDARDS:

- ALBERTA BUILDING CODE - 2006
- ALBERTA FIRE CODE - LATEST EDITION
- CANADIAN ELECTRICAL CODE - LATEST EDITION
- NATIONAL BUILDING CODE - LATEST EDITION
- NATIONAL FIRE CODE - LATEST EDITION
- NFPA-13 & ALL OTHER APPLICABLE NFPA SECTIONS
- CANADIAN PLUMBING CODE - LATEST EDITION
- NATIONAL GAS INSTALLATION CODE CSA-B149
- SMACNA

**FIELD REVIEW:**  
THE ENGINEERS HAVE BEEN DETAINED ONLY FOR PERIODIC SITE INSPECTIONS TO THE PROJECT. THE ENGINEERS WILL NOT BE RESPONSIBLE FOR THE CONSTRUCTION OF THE PROJECT.

**SITE SAFETY:**  
THE ENGINEERS ASSUME NO RESPONSIBILITY FOR ON-SITE WORKER SAFETY FOR OTHER THAN THEIR OWN EMPLOYEES. THE OWNER AND/OR CONTRACTOR SHALL BE RESPONSIBLE FOR THE SAFETY OF ALL PERSONNEL ON THE CONSTRUCTION SITE AND SAFETY AT ALL TIMES.

**PLANS EXAMINATION:**  
DRAWINGS ARE NOT TO BE USED FOR CONSTRUCTION UNLESS REVIEWED AND APPROVED BY THE ENGINEER. THE ENGINEER'S REVIEW IS LIMITED TO THE TECHNICAL ASPECTS OF THE DRAWINGS. ANY REQUIREMENTS AND/OR ADDITIONS AND THE ASSOCIATED COSTS ARE THE RESPONSIBILITY OF THE CONTRACTOR. THE ENGINEER'S REVIEW IS LIMITED TO THE TECHNICAL ASPECTS OF THE DRAWINGS.

**CONTRACTORS:**  
CONTRACTORS ARE NOT TO BE USED FOR CONSTRUCTION UNLESS REVIEWED AND APPROVED BY THE ENGINEER. THE ENGINEER'S REVIEW IS LIMITED TO THE TECHNICAL ASPECTS OF THE DRAWINGS. ANY REQUIREMENTS AND/OR ADDITIONS AND THE ASSOCIATED COSTS ARE THE RESPONSIBILITY OF THE CONTRACTOR. THE ENGINEER'S REVIEW IS LIMITED TO THE TECHNICAL ASPECTS OF THE DRAWINGS.

**DRAWING REVIEW:**  
DRAWINGS MUST NOT BE SCALE. THE CONTRACTOR MUST CROSS-REFERENCE ALL DIMENSIONS AND MATERIALS TO THE DRAWINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ACCURACY OF ALL DIMENSIONS AND MATERIALS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ACCURACY OF ALL DIMENSIONS AND MATERIALS.

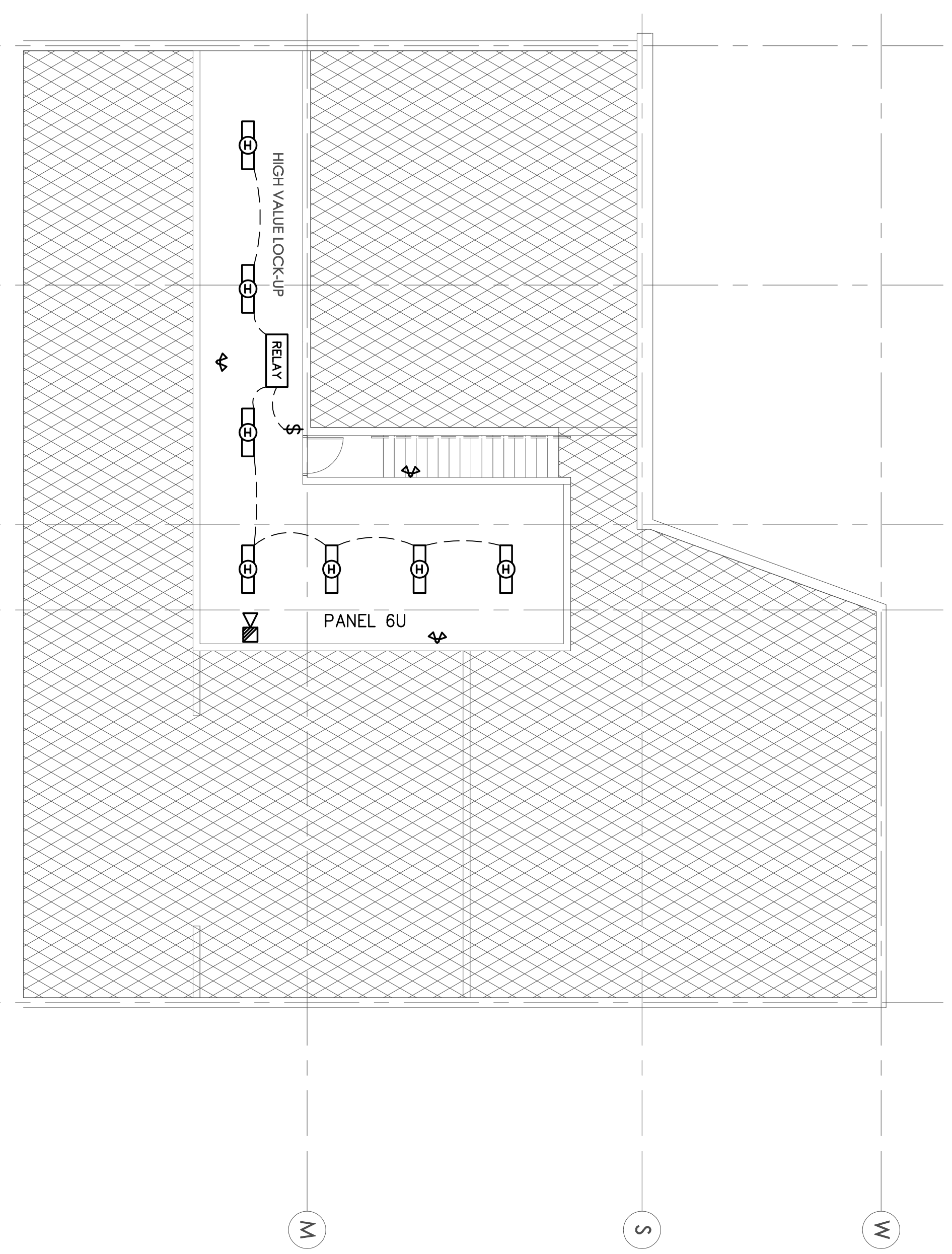
REVISIONS		
NO.	DESCRIPTION	DATE
1	BUILDING PERMIT	MAY 4, 12
2	FIRE ALARM INSTALLER NOTES	MAY 17, 12
3	TENDER	MAY 22, 12

**R. Lamontagne, P. Eng.**  
P.O. Box 2531  
Didsbury, Alberta, T0M 0W0  
Tel: (403) 703 6161  
E MAIL: rldlamont@shaw.ca

**PROJECT**  
VISIONS - EMERALD HILL CENTRE  
#390, 5000 EMERALD DRIVE  
SHERWOOD PARK, AB, T8H 0P5

**TITLE**  
VISIONS TENANT LIGHTING PLAN

SCALE AS SHOWN	DATE MAY 02, 2012	DRAWING NO. E4
DRAWN BY TT	CHECKED BY TM	REVISION: 3
JOB # 1209	DATE	
PLOTTED:	DATE:	



3  
2nd FLOOR LIGHTING PLAN  
1/8"=1'-0"

- LIGHTING EQUIPMENT SCHEDULE**
- FIXTURE A: MAIN SALES FLOOR AREA - VALUELIGHT - 2X4RB-6F54-347
  - C/W VAL-YHYTG-120 SUSPENSION KIT + LAMPS
  - FIXTURE B: CAR AUDIO INSTALL BAY - VALUELIGHT - 2X4RB-6F54-347
  - C/W VAL-YHYTG-120 SUSPENSION KIT + LAMPS
  - FIXTURE C: WAREHOUSE - VALUELIGHT - 2X4RB-6F54-347
  - C/W VAL-YHYTG-120 SUSPENSION KIT + LAMPS
  - FIXTURE D: WASHROOMS - VALUELIGHT - 1X4WA-2F32-UNIV
  - C/W VAL-YHYTG-120 SUSPENSION KIT + LAMPS
  - FIXTURE E: SOUND ROOM - WAC-R8V-R8V-52-WT-ADJUSTABLE HOUSING
  - FIXTURE F: STAFF ROOM - SEE FIXTURE J, SURFACE MOUNTED ON DRYWALL CEILING
  - FIXTURE G: WASHROOMS AND HALLWAYS, 2ND FLOOR - SURFACE MOUNTED VALUELIGHT 1144A-3F32-120 AND 347
  - FIXTURE H: OFFICES - VALUELIGHT 1144A-3F32-120 RECESSED FIXTURE
  - FIXTURE J: BIG SCREEN AREA - VALUELIGHT - HL556-BK - 6'-0" TRACK W/W HL804-BK-LIVE END FEED
  - 4 - VALUELIGHT - HL 2828-BK FIXTURES
  - FIXTURE L: CAR AUDIO AREA - 4 - VALUELIGHT - HL553-BK - 8'-0" TRACK LIGHTING W/W 4 - VALUELIGHT HL804-BK - L CONNECTOR/FEED, AND 16 - VALUELIGHT - HL 2828-BK FIXTURES
  - FIXTURE N: VESTIBULE - EXISTING
  - FIXTURE P: EXTERIOR WALL PACKS - EXISTING
  - FIXTURE R: 100 WATT INCANDESCENT CEILING OR WALL MOUNTED FIXTURE, AS REQUIRED. EMERGENCY LIGHTING, VEST - 12200 - 360W, BATTERY PACK
  - W/W VALUELIGHT - VM5M - 212 - 9 - WHT - REMOTE HEADS, AND VALUELIGHT - VEPT-2-U-WHT, LOCATED IN FIELD.
  - ACCENT LIGHTING: 4 CRAFTMADE - BF - 28LK, LOCATED IN THE COLUMNS IN THE MAIN SALES AREA.

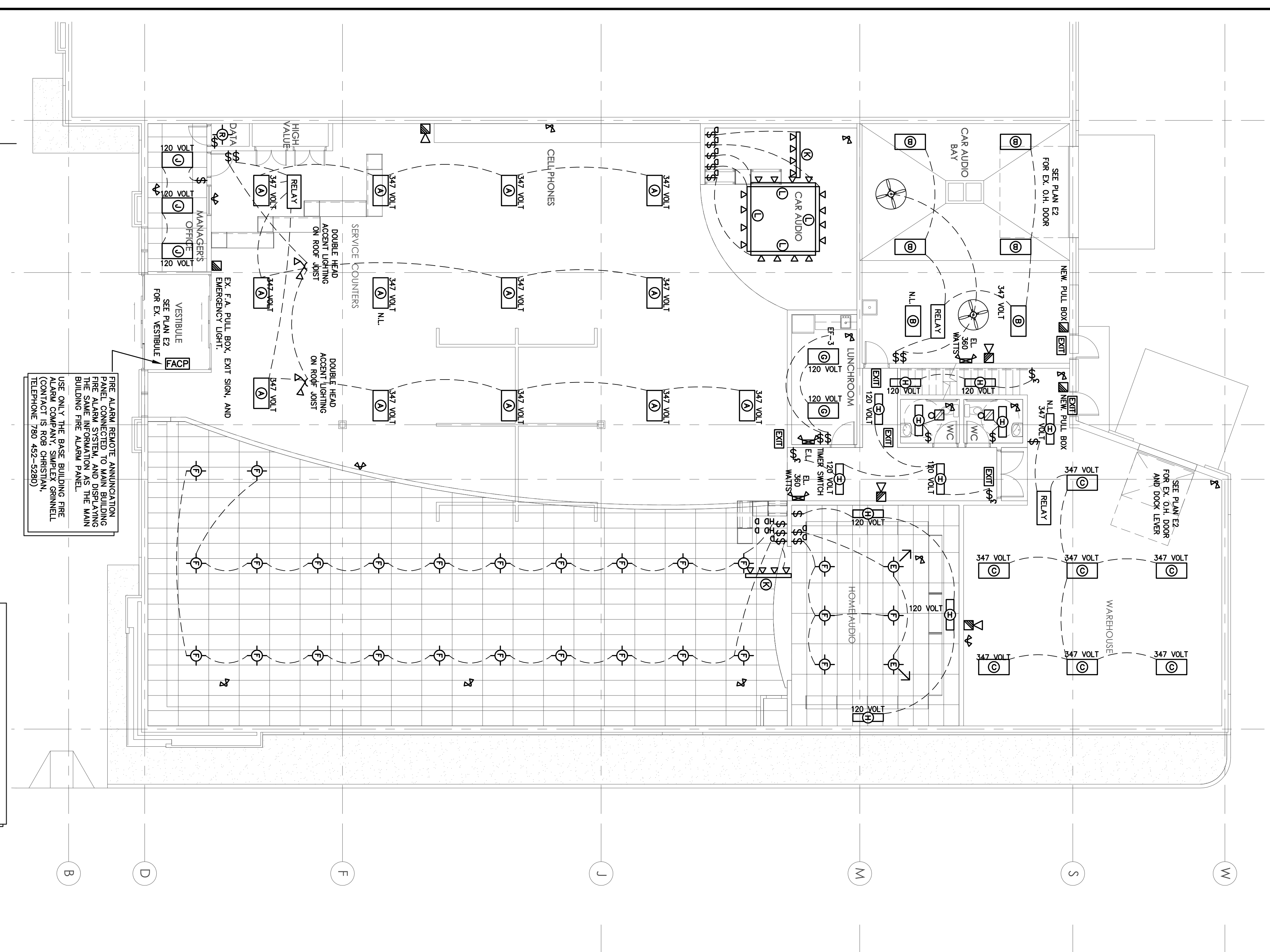
**NOTE:** ALL DIMMER SWITCHES SHALL BE HEAVY DUTY, AND RATED FOR CAPACITY REQUIRED BY THE CIRCUIT.

**NOTES:** ELECTRICAL CONTRACTOR SHALL REVIEW DIVISION 15 PLANS AND SPECIFICATIONS TO DETERMINE THE COMPLETE SCOPE OF WORK REQUIRED TO CONNECT ALL MECHANICAL COMPONENTS TO THE BUILDING ELECTRICAL SYSTEM.

ALL ELECTRICAL OUTLET PLUG SHALL BE LOCATED AT 12" A.F.F. UNLESS NOTE OTHERWISE.

MAXIMUM OF FOUR (4) PLUGS PER 15 AMP BREAKER UNLESS NOTED OTHERWISE.

THE BASE BUILDING FIRE ALARM COMPANY SHALL BE USED FOR SUPPLY AND INSTALLATION ON ALL COMPONENTS AND WORK UNDER THIS PHASE OF THE PROJECT.



1  
MAIN FLOOR LIGHTING PLAN  
1/8"=1'-0"

**NOTE:** FIRE ALARM REMOTE ANNUNCIATION PANEL, CONNECTED TO MAIN BUILDING FIRE ALARM SYSTEM. FOR THE SAME INFORMATION AS THE MAIN BUILDING FIRE ALARM PANEL. USE ONLY THE BASE BUILDING FIRE ALARM COMPANY, SIMPLEX GERNEL (CONTACT IS ROB CHRISTIAN, TELEPHONE 780 452-5280)

#390, 5000 EMERALD DRIVE  
SHERWOOD PARK, AB, T8H 0P5  
LOT 3, BLOCK 177  
NW 1/4 SEC 11, TWP 53, W4M.