



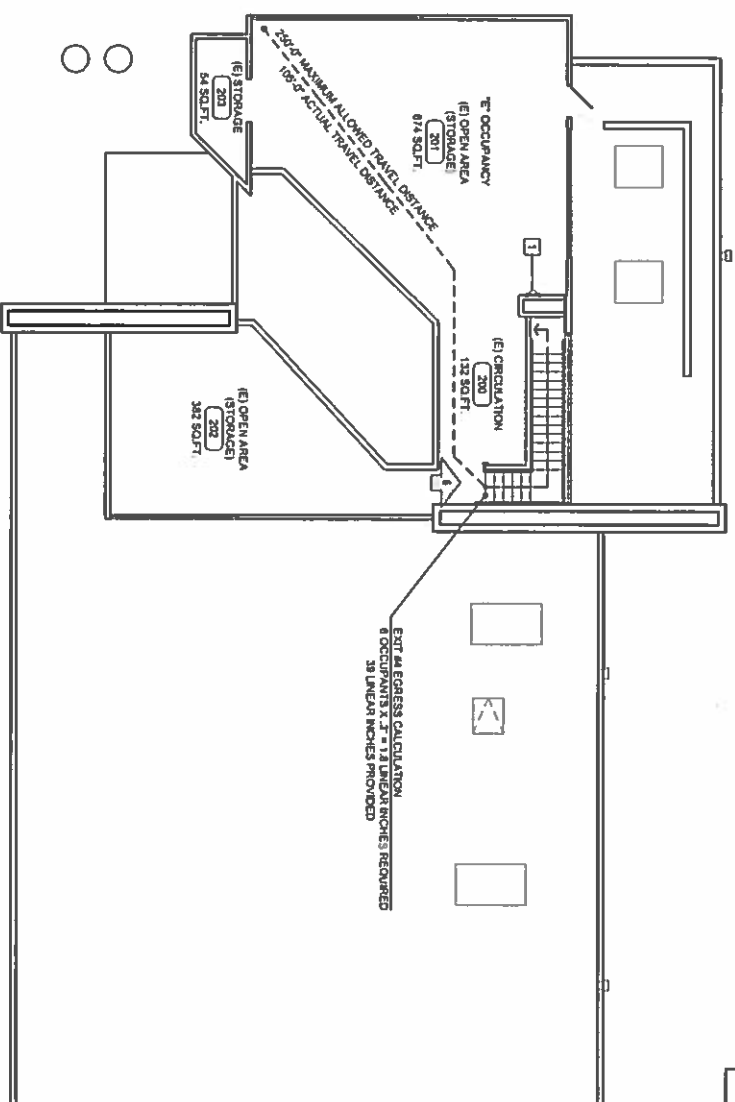


**KEYNOTES**

1 FIRE EXTINGUISHER 2A MINIMUM RATED FOR LIGHT (LOW) HAZARD OCCUPANCY WITH MAXIMUM TRAVEL DISTANCE OF 75'-0" PER 2013 IBC 906.3 TITLE 19, DIVISION 1 SECTION 906. TABLE 2. SEE ALSO FLOOR PLAN FOR LOCATIONS OF FIRE EXTINGUISHERS

**LEGEND**

EXIT EXIT SIGN SEE ELEC. DWG. 01  
 EXIT ACCESS TRAVEL PATH  
 FIRE EXTINGUISHER



**SECOND FLOOR EGRESS PLAN**

SCALE  
1/8" = 1'-0"

OCCUPANT LOAD CALCULATION			
ROOM#	ROOM NAMES	AREA (SQ. FT.)	OCCUPANT LOAD
100	LOBBY	848	88
101	(E) STORAGE	54	5
102	SOUL LARNOOM	262	20
103	BREAK ROOM	232	20
104	STAFF RESTROOM	44	4
108	WOMEN'S RESTROOM	41	4
108	NEW MEN'S RESTROOM	75	7
107	HALLWAY	112	100
108	IT CLOSET	38	3
108	(E) ELEC. CLOSET	17	1
110	(E) ELEC. ROOM	51	5
111	OPEN AREA	1,557	20
112	SOI ROOM	242	20
113	SOI ROOM	242	20
114	SOI ROOM	242	20
115	FIRE RISER ROOM	28	18
200	(E) CIRCULATION	132	300
201	(E) OPEN AREA	874	300
202	(E) OPEN AREA	282	300
203	(E) STORAGE	54	5
TOTAL		5,564	178

MAXIMUM FLOOR AREA ALLOWANCES PER OCCUPANT (OCCUPANT LOAD FACTOR) PER 2013 IBC TABLE 1004.1.2

**NUMBER OF EXITS**

CLASSROOMS, LOBBY, OPEN AREA, BREAK ROOM, RESTROOMS, STORAGE	OCCUPANT LOAD	1600+2 REQUIRED EXITS PER 2013 IBC TABLE 1002.10	EXITS PROVIDED
E	5	3	3

**EXIT ACCESS TRAVEL DISTANCE**

OCCUPANCY	SPRINKLERED	280 FEET
E		280 FEET

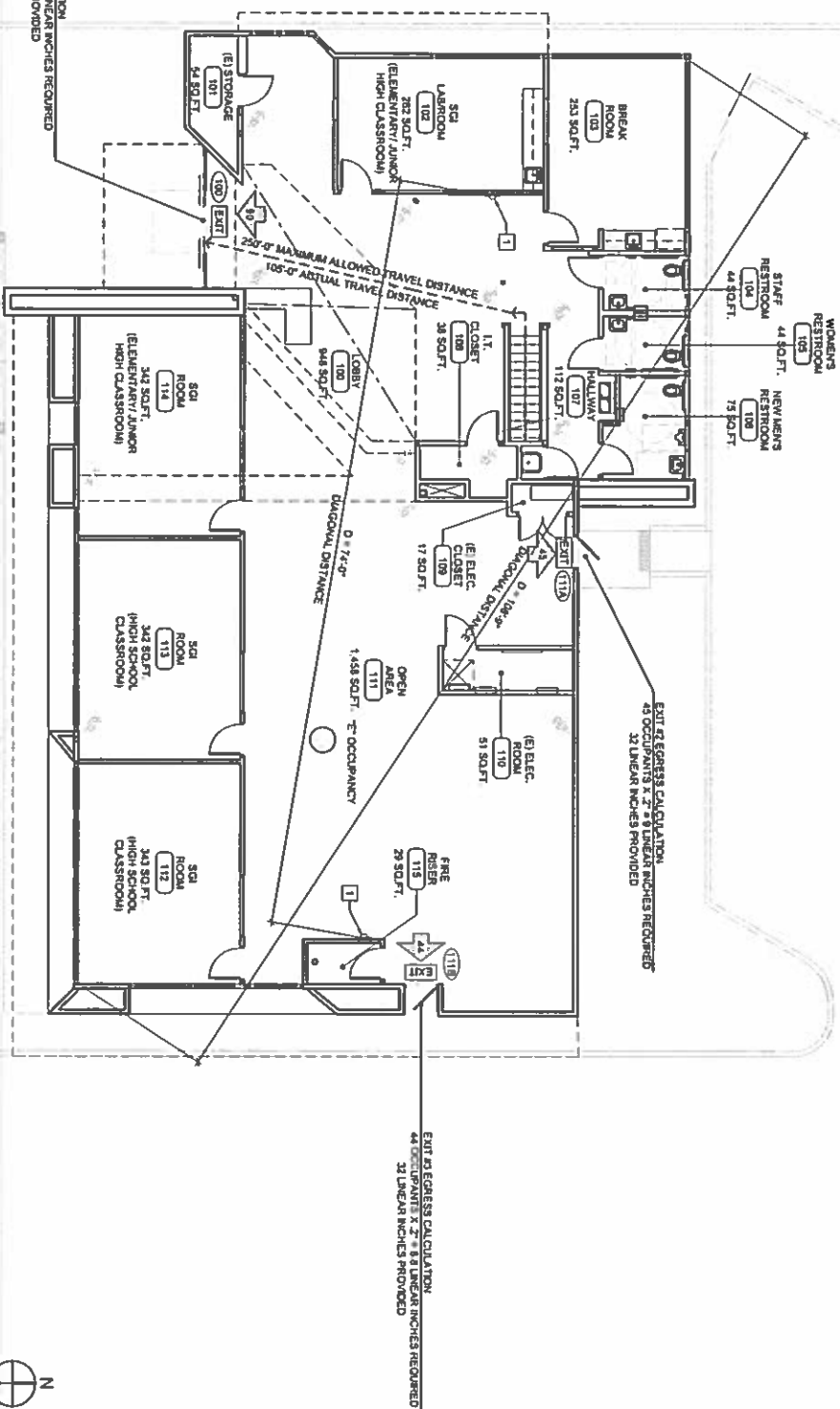
**EXIT WIDTH CALCULATION**

DOOR #	DOOR WIDTH	OCCUPANCY LOAD	WIDTH REQUIRED (100 MBN)	WIDTH PROVIDED	WIDTH 30"
DOOR 101A	90"	45	3'	3'	3'
DOOR 111B	44"	44	18"	18"	18"

**PLUMBING FIXTURE OCCUPANT LOAD**

PER 2013 IBC CHAPTER 4 - TABLE A

ROOM#	ROOM NAMES	AREA (SQ. FT.)	OCCUPANT FACTOR	OCCUPANT LOAD
100	LOBBY	848	1	848
101	(E) STORAGE	54	1	54
102	SOUL LARNOOM	262	50	6
103	BREAK ROOM	232	50	6
104	STAFF RESTROOM	44	50	6
108	WOMEN'S RESTROOM	41	50	6
108	NEW MEN'S RESTROOM	75	50	6
107	HALLWAY	112	50	6
108	IT CLOSET	38	50	6
108	(E) ELEC. CLOSET	17	50	6
110	(E) ELEC. ROOM	51	50	6
111	OPEN AREA	1,483	50	30
112	SOI ROOM	242	50	7
113	SOI ROOM	242	50	7
114	SOI ROOM	242	50	7
115	FIRE RISER ROOM	28	50	7
200	(E) CIRCULATION	132	50	7
201	(E) OPEN AREA	874	50	7
202	(E) OPEN AREA	282	50	7
203	(E) STORAGE	54	50	7
TOTAL		5,564	50	67



**FIRST FLOOR EGRESS PLAN**

SCALE  
1/8" = 1'-0"



**Amor Architectural**  
 Corporate  
 8000 4TH STREET SUITE 100  
 RANCHO CUCAMONCA, CA 91730  
 P: 909.259.9711 F: 909.944.8809  
 www.AmorArch.com  
 103 AMOR2018143 VEDVA JATLAWA



**CLIENT**  
 OPTIONS FOR YOUTH  
 1148 E. HIGHLAND AVENUE  
 SAN BERNARDINO, CA 92404

**PROJECT LOCATION**  
 SHEET TITLE  
**EGRESS PLAN AND ANALYSIS**



**REVISIONS**

NO.	DATE	DESCRIPTION
1	02.08.18	ISSUE FOR PERMITS
2	02.24.18	PERMITS
3	03.08.18	PERMITS

**T1.3**  
 SHEET NUMBER

CONDITIONS OF APPROVAL

SECTION 3. CONDITIONS OF APPROVAL:

The approval of Conditional Use Permit 15-17 shall be subject to the following Conditions of Approval:

1. This is an approval to develop, establish and operate a public charter school "Options For Youth" within an existing commercial building containing approximately 6,632 square feet on a parcel containing approximately 0.68 acres. The project site is located 1148 E. Highland Avenue in the Commercial General (CO-1) zone. All construction shall be in substantial conformance with the approved plans stamped "Received October 19, 2015."
2. The site shall be maintained in accordance with the plans stamped February 17, 2016 approved by the City, which includes a site plan, on file in the Planning Division; the conditions contained herein; and the City's Municipal Code regulations.
3. The hours of operation shall be from 8:00 a.m. to 5:00 p.m. Monday through Friday, and 8:00 a.m. to 12:00 p.m. on Saturdays.
4. Any expansion of proposed services may be subject to review by the Planning Commission.
5. Within two (2) years of the Conditional Use Permit approval, commencement of construction shall have occurred or the permit/approval shall become null and void. In addition, if after commencement of construction, work is discontinued for a period of one year, then the permit/approval shall become null and void. However, approval of the Conditional Use Permit does not authorize commencement of construction. All necessary permits must be obtained prior to commencement of specified construction activities included in the Conditions of Approval.

EXPIRATION DATE: February 17, 2018

6. The review authority may, upon application being filed thirty (30) days prior to the expiration date of Conditional Use Permit 15-17 and for good cause, grant a time extension not to exceed twelve (12) months. The review authority shall ensure that the project complies with all current Development Code provisions.
7. In the event this approval is legally challenged, the City will promptly notify the applicant of any claim, action or proceeding and will cooperate fully in the defense of this matter. Once notified, the applicant agrees to defend, indemnify and hold harmless the City of San Bernardino (City), any departments, agencies, divisions, boards or commission of the City as well as predecessors, successors, assigns, agents, directors, elected officials, officers, employees, representatives and attorneys of the City from any claim, action or proceeding against any of the foregoing persons or entities. The applicant further agrees to reimburse the City for any such costs and attorney fees which the City may be required by a court to pay as a result of such action, but such participation shall not relieve applicant of his or her obligation under this condition. The costs, salaries, and expenses of the City Attorney and employees of his office shall be considered as "Attorney's fees" for the purpose of this condition. As part of the consideration for issuing this Conditional Use Permit, this condition shall remain in effect if the Conditional Use Permit is rescinded or revoked, whether or not at the request of applicant.
8. The project shall comply with all applicable requirements of the Building and Safety Division, Fire Department, Police Department, Municipal Water Department, Public Services Department and the City Clerk's Office/Business Registration Division.
9. The property owner(s), facility operator and property management will be responsible for regular maintenance of the site. Vandalism, graffiti, trash and other debris must be removed within 24 hours of being reported.
10. Signs are not approved as a part of this permit. Prior to establishing signs, the applicant must submit an application for approval by the Planning Division, Banner, flag, pennant, and similar signs are prohibited unless a Temporary Sign Permit is obtained.
11. The applicant/owner shall maintain all existing landscaping in the parking lot and setbacks in a weed and disease free condition at all times and any dead or missing vegetation must be promptly replaced.
12. Construction-related activities may not occur between the hours of 6:30 pm and 7:30 am. No construction vehicles, equipment, or employees may be delivered to, or arrive at the construction site before 7:30 am or leave the site after 6:00 pm. Construction activities may only occur Monday through Friday.
13. The project shall comply with all applicable requirements of the City of San Bernardino Community Development Department, Land Development and Building & Safety Divisions, Fire Department, Police Department, Municipal Water Department, Public Works Department, and the City Clerk's Office/Business Registration Division.
14. If the color or architecture of the building is proposed to be modified in the future, the revised color scheme and/or architecture shall be submitted to the Planning Division prior to any modification of the building exterior, for evaluation for substantial conformance to the approved plans.
15. Substantial requirements for permit applications with the Building and Safety Division shall include all Conditions of Approval issued with this approval, printed on the plan sheets.
16. No Final Certificates of Occupancy will be issued until all conditions of approval have been completed.

CONDITIONS OF APPROVAL

17. This permit or approval is subject to the conditions or standard requirements of the following City Departments and Divisions:

- a. Community Development Department - Land Development Division
  - b. Community Development Department - Building & Safety Division
  - c. Public Works Department - Traffic Engineering
  - d. Public Works Department - Integrated Water Division
  - e. Municipal Water Department - Environmental Control Division
  - f. Police Department
  - g. Fire Department
- End of Planning Division Conditions of Approval-

Land Development Division - Standard Requirements

18. Drainage and Flood Control
  - a. The development is located within Zone X (standard) on the Federal Insurance Rate Maps on booklet #66071C7944H with year August 21, 2008 and may be subject to sheet overflow to a depth of less than 1 foot in a 100-year storm.
  - b. If site drainage is to be contained into the public street, the drainage shall be conveyed through a parkway culvert constructed in accordance with City Standard No. 400. Conveyance of site drainage over the Driveway approaches will not be permitted.

19. Grading and Landscaping

- a. The raised enclosure shall be reconstructed and realigned in accordance with City Standard Drawing No. 50A. The minimum size of the raised enclosure shall be 8 feet x 15 feet, unless the Public Services Department, Public Division, approves a smaller size, in writing.
- b. The existing on-site light poles shall have concrete curbing to protect the light poles from potential damage from vehicles seeking to park within the parking stall area.
- c. Where an accessible path of travel crosses drive aisles, it shall be delineated by textured/colored concrete pavement, unless otherwise approved by the Development Review Committee.

20. Street Improvement and Deductions

- a. If the existing sidewalk and/or curb & gutter adjacent to the site on Highland Avenue and Newport Street are in poor condition, the sidewalk and/or curb & gutter shall be removed and reconstructed to City Standard. Curb & Gutter shall conform to Standard No. 200, Type "B" and sidewalk shall conform to Standard No. 202, Case "A" (6" wide adjacent to curb).
- b. The Driveway Approaches on Highland Avenue and Newport Street are not ADA compliant and shall be reconstructed to meet City Standard No. 204, Type II, including an accessible by-pass around the top of the drive approach. The pty wire located close to the drive approach on Newport Street shall be moved out of the new bypass and wing of the drive approach.
- c. The Curb return located at the intersection of Highland Avenue and Newport Street shall be have a landing of 4 feet or greater.
- d. A street car permit, issued by the City Engineer, will be required for utility cuts into existing streets. The required method shall include a slurry coat along the fringe of the project site to center line. If a street cut is needed, if trenching crosses both sides of the street, both sides of the street shall have a slurry coat and striping along the fringe of the project site.

21. Required Engineering Plans

- a. A complete submittal for plan checking shall consist of:
  - On-site and street improvement plans,
  - other plans as required. Placement submittal of various types of plans for the same project will not be allowed.
  - All required supporting calculations, studies and reports must be included in the submittal (including but not limited to drainage studies, soils reports, structural calculations)
- b. After completion of plan checking, final mylar drawings, stamped and signed by the Registered Civil Engineer in charge, shall be submitted to the City Engineer and/or Building Official for approval.
- c. Copies of the City's design policies and procedures and standard drawings are available at the Public Works Center for the cost of reproduction. They are also available at no charge at the Public Works Web Site at <http://www.cityofsb.org>

22. Required Engineering Permits

- a. On-site improvements construction permit (except buildings - see Development Services-Building Division), including landscaping.
  - b. Off-site improvement construction permit.
23. Applicable Engineering Fees
- a. The current fee schedule is available at the Public Works Center and at <http://www.cityofsb.org>

24. Traffic
 

- a. A Scope of Study Form is required to be submitted to the Traffic Division.

Builder and Safety Division - Standard Requirements

25. Section 105 Permits, Please refer to this section for all required permits of the California Building Code 2013.
26. Please address the requirements of the California Green Code 2012 for all decks. Please check the VOC forms per code.
27. Please check Chapter 3 of the California Building Code for the Occupancy Requirements and Chapter 4 for the Special Use Requirements. Please address Section 442 and 442.14.
28. Building Department submittal is separate from the Fire Department.
29. Please refer to Chapter 4 for the Occupant Load and the required number of exits.
30. Please refer to Chapter 7 for the required Fire-Sensible Protection required.

-End of Conditions of Approval-

PROJECT LOCATION  
 SHEET TITLE  
 STAMP

OPTIONS FOR YOUTH  
 1148 E. HIGHLAND AVENUE  
 SAN BERNARDINO, CA 92404

CONDITIONS OF APPROVAL



REVISIONS

NO.	DATE	DESCRIPTION
1	03/08/18	P.C. SUBMITTAL: 01.14.18
2	03/08/18	P.C. SUBMITTAL: 02.24.18
3	03/08/18	P.C. SUBMITTAL: 03.08.18

PROJECT NUMBER: 15184  
 DATE: 03/08/18  
 SHEET NUMBER: T1.4

**Amor**  
 Architectural  
 Corporate  
 10300 4th STREET SUITE 100  
 RANCHO CUCAMONCA, CA 91730  
 P. 909.299.9711 F. 909.944.4400  
 www.amorarch.com  
 LOS ANGELES | LAS VEGAS | ALABAMA

CLIENT

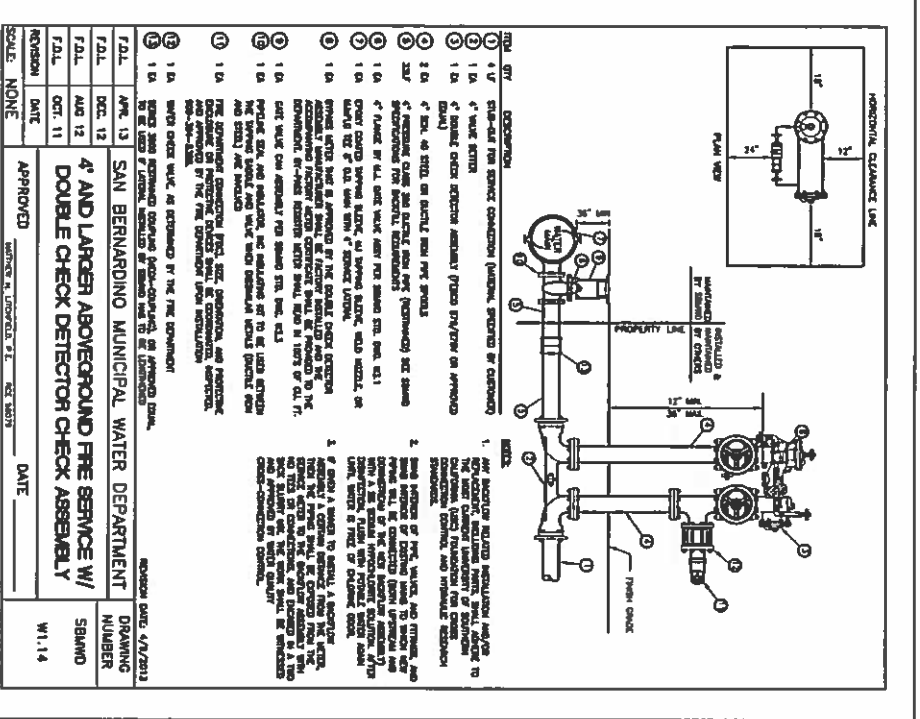
330 N. WALSTEAD, SUITE 160  
 PASEO, CA 91107  
 PHONE: (909) 931-8286  
 www.amorarch.com  
 CONSULTANT

**GENERAL REQUIREMENTS**

1. SIGHTED DESIGN IS BASED ON THE REQUIREMENTS OF THE LATEST EDITION OF NFPA 24, THE CALIFORNIA FIRE CODE, SAN BERNARDINO COUNTY FIRE DEPARTMENT AND OTHER NFPA STANDARDS AS THEY MAY APPLY TO THE HAZARD BEING PROTECTED. NO DEVIATIONS FROM THESE STANDARDS WILL BE MADE WITHOUT PROPER APPROVAL FROM THE SAN BERNARDINO COUNTY FIRE DEPARTMENT.
2. THE ENGINEER OR ARCHITECT OF THE BUILDING SHALL INCLUDE A COVER LETTER THAT STATES THAT THE SPRINKLER LOAD WAS CALCULATED IN ACCORDANCE WITH THE DESIGN OR CONSIDERED FOR THE REPORT.
3. ALL UNDERGROUND PIPE SHALL BE LAD WITH INSULATION AND VENTILATION OF PIPE SHALL BE PROVIDED. ALL PIPE SHALL BE INSTALLED ON ALL FITTINGS.
4. ALL SPRINKLER SYSTEMS SHALL HAVE A POST-INDICATOR VALVE INSTALLED IN THE UNDERGROUND LINE. THIS P.I.V. SHALL BE LOCATED A MINIMUM OF FORTY FEET (40') FROM THE BUILDING OR TEN FEET (10') FROM THE WALL ADJACENT TO THE VALVE, WHICHEVER IS GREATER. THE TARGET ON THE POST INDICATOR SHALL BE PLACED SO WHEN LOOKING AT THE TARGET YOU WILL BE FACING THE DIRECTION THAT THE PIPE RUNS.
5. ALL POST INDICATOR VALVE HANDLES AND CONTROL VALVES SHALL BE LOCATED IN THE OPEN POSITION. CONTRACTOR SHALL PROVIDE APPROVED BREAKAWAY LOCKS AND/OR CHAINS. ALL POST INDICATOR VALVES SHALL HAVE PROPER SIGNAGE AS TO WHAT SYSTEM OR AREA THEY SERVE OR CONTROL. WHEN IT IS NOT CLEAR WHAT THEY SERVE.
6. ANY SPRINKLER SYSTEM, WHICH HAS A WATER SUPPLY FROM THE CITY WITH A STATIC PRESSURE OF 100 PSI OR MORE, SHALL HAVE A PRESSURE RELIEF VALVE INSTALLED ON THE RISER FROM THE WATER EXCESSIVE PRESSURE RELIEF SYSTEM. THE PRESSURE RELIEF VALVE SHALL BE INSTALLED ON THE RISER FROM THE WATER EXCESSIVE PRESSURE RELIEF SYSTEM PRESSURE TO A MAXIMUM OF 175 PSI, WHICHEVER IS GREATER.
7. UPON FINAL INSPECTION, THE WATER WORKS BELL OR ELECTRIC BELL AND FLOW SWITCH ON THE ADDRESS SIDE OF THE BUILDING SHALL BE FUNCTIONAL. COMPONENT IDENTIFICATION SIGNS SHALL BE PERMANENTLY AFFIXED AND DESIGNED TO THE FIRE DEPARTMENT SPECIFICATIONS. IDENTIFICATION SIGNS SHALL BE PLACED ON THE SIDE OF THE BUILDING, AND THE SIGN HEAD SHALL BE PLACED ON THE SIDE OF THE BUILDING. THE SIGN SHALL BE INSTALLED ON THE SIDE OF THE BUILDING.
8. ALL PLANS SHALL BE SUBMITTED WITH THE MOST CURRENT CUT SHEETS ON ALL HEADS, VALVES, ETC. THAT ARE BEING USED, AND CUT SHEETS OVER SIX MONTHS OLD WILL BE ACCEPTED.
9. ALL UNDERGROUND PLANS SHALL INCLUDE THE SOIL TYPE AND OR SOIL STUDY DONE TO DETERMINE THE THURST BLOCK SIZE.
10. WATER SUPPLY CALCULATIONS FROM THE WATER AVAILABLE WATER SUPPLY AND SHALL NOT BE MORE THAN A YEAR OLD.
11. THE P.I.V. SHALL BE LOCATED ON THE ADDRESS SIDE OF THE BUILDING AND BE UNPROTECTED FROM THE STREET. THE P.I.V. SHALL HAVE A SIGN INDICATING THE ADDRESS IF ABOVE SHALL INCLUDE 1-2 1/2" X 1-2 1/2" X 1-4" FEMALE HOSE CONNECTIONS.
12. ALL P.I.V.'S SHALL HAVE A SIGN THAT DESIGNATES THE ADDRESS OF THE BUILDING OR THE RISER NUMBER THAT IT SERVES.
13. ALL INDICATING SIGNS SHALL HAVE A MINIMUM OF FOUR-INCH (4") REFLECTIVE WHITE NUMBERS/LETTERS WITH A RED BACKGROUND (3/4" STROKE). SIGNS SHALL BE PERMANENTLY AFFIXED WITH TAMPER RESISTANT HARDWARE. THEY SHALL ALSO BE CONSTRUCTED OF MATERIAL THAT RESISTS WEATHER ELEMENTS. SIGNS SHALL BE INSTALLED FROM TO FINAL INSPECTION.

**FIRE DEPARTMENT NOTE**

THE FIRE DEPARTMENT SERVICE AND INSPECTIONS ARE CONDUCTED UNDER THE SAN BERNARDINO FIRE DEPARTMENT SERVICE PERMIT.



**PERMIT REQUIRED FROM BUILDING DIVISION**

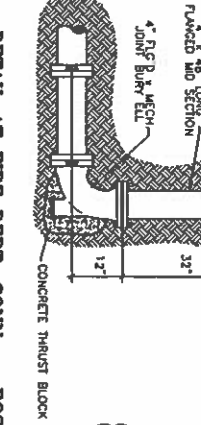
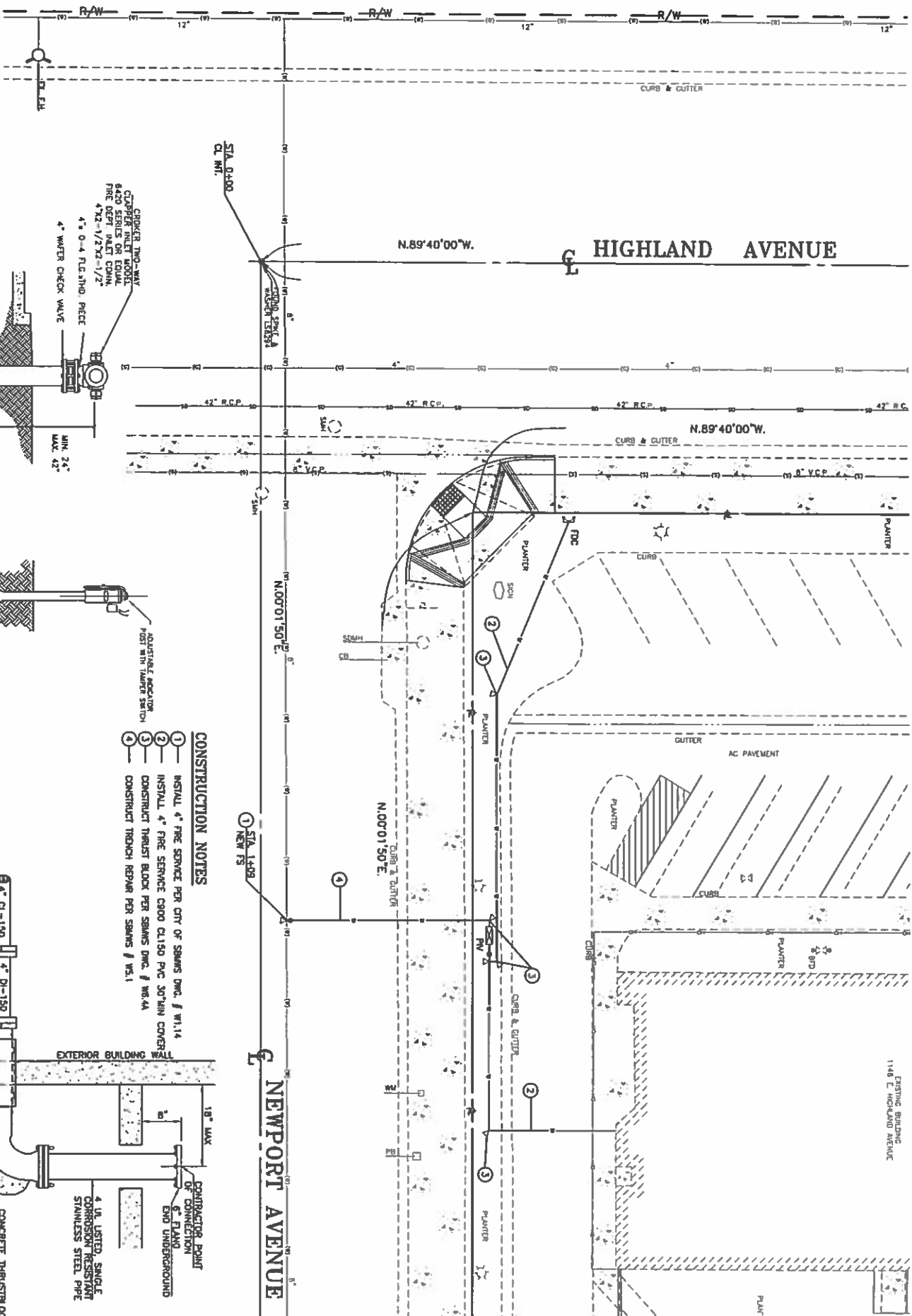
THE ON-SITE PORTION OF WATER SERVICE SHOWN AS CONSTRUCTED HEREON REQUIRES A SEPARATE PERMIT FROM THE BUILDING DIVISION.

ALL WORK SHALL BE IN ACCORDANCE WITH THE CPC 2013 EDITION.

ALL BURIED PIPE AND FITTINGS ARE SUBJECT TO CORROSION AND TO BE TREATED FOR USE IN CORROSIVE SOILS.

**UTILITY NOTE**

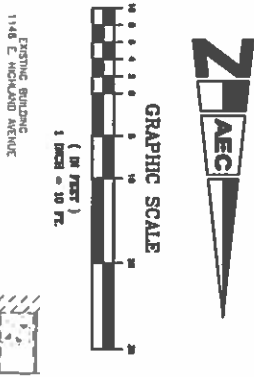
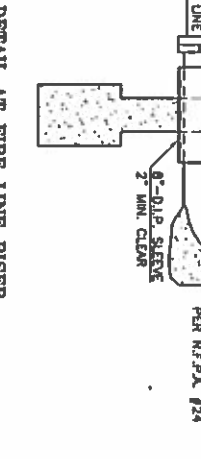
THE EXISTENCE AND APPROXIMATE LOCATION OF UNDERGROUND UTILITIES OR STRUCTURES SHOWN ON THESE PLANS WERE DETERMINED BY A SEARCH OF THE AVAILABLE PUBLIC RECORDS, TO THE BEST OF OUR KNOWLEDGE THERE ARE NO KNOWN UNDERGROUND UTILITIES OR STRUCTURES DEEPLY AS SHOWN ON THIS MAP. THE CONTRACTOR IS REQUIRED TO TAKE PRECAUTIONARY MEASURES TO PROTECT THE UTILITIES OR STRUCTURES SHOWN AND ANY OTHER UTILITIES OR STRUCTURES AT THE SITE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE OWNERS OF THE UTILITIES OR STRUCTURES CONCERNED BEFORE STARTING WORK.



**CONSTRUCTION NOTES**

1. INSTALL 4" FIRE SERVICE PER CITY OF SEAMS DWG. # W1.14
2. INSTALL 4" FIRE SERVICE CHOD CL150 PVC 30" MIN COVER
3. CONSTRUCT THRUST BLOCK PER SEAMS DWG. # WS.4
4. CONSTRUCT THROUGH REPAIR PER SEAMS # WS.1

- (A) PROTECT
- (B) REMOVE
- (C) ADJUST TO GRADE
- (D) RELOCATE



**ENGINEER'S SEAL**

ANACAL ENGINEERING CO.  
CIVIL ENGINEERING & LAND SURVEYING  
1900 E. LA PALMA AVENUE - SUITE 202 -  
MINERAL, CALIFORNIA 92683  
PHONE: 714-771-7133 FAX: 714-771-4890  
E-MAIL ADDRESS: ANACAL@ANACALENGINEERING.COM  
JOB NO. 19-011-09 DATE: 5-1-18

**RECOMMENDED FOR APPROVAL BY PLAN CHECKER**

RECOMMENDED FOR APPROVAL BY PLAN CHECKER  
PLAN CHECK FIRM: TRANSTECH ENGINEERS, INC.  
624 BREA CANYON ROAD  
WALNUT, CALIFORNIA 91789  
TEL: 909-595-5599 FAX: 909-595-8843

**APPROVED**

SENIOR CIVIL ENGINEER  
REGISTERED CIVIL ENGINEER NO. \_\_\_\_\_  
DRAWN BY: V. F. L.  
CHECKED BY: D. C. Q.  
RECOMMENDED BY: D. C. Q.

**CITY OF SAN BERNARDINO**

DEVELOPMENT SERVICES-PUBLIC WORKS/ENGINEERING  
1148 EAST HIGHLAND AVENUE  
SAN BERNARDINO, CALIFORNIA  
SHEET 1 OF 1 SHEETS  
FOR CITY USE ONLY. FILE NO. \_\_\_\_\_ W.O. NO. \_\_\_\_\_



Know what's below.  
Call before you dig.

PLAN CHECKER NAME: \_\_\_\_\_  
PLAN CHECKER SIGNATURE: \_\_\_\_\_  
DATE: \_\_\_\_\_  
EXP. DATE: \_\_\_\_\_



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1900 E. LA PALMA AVENUE - SUITE 202 -  
MINERAL, CALIFORNIA 92683  
PHONE: 714-771-7133 FAX: 714-771-4890  
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JOB NO. 19-011-09 DATE: 5-1-18

APPROVED  
SENIOR CIVIL ENGINEER  
REGISTERED CIVIL ENGINEER NO. \_\_\_\_\_  
DRAWN BY: V. F. L.  
CHECKED BY: D. C. Q.  
RECOMMENDED BY: D. C. Q.

CITY OF SAN BERNARDINO  
DEVELOPMENT SERVICES-PUBLIC WORKS/ENGINEERING  
1148 EAST HIGHLAND AVENUE  
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SHEET 1 OF 1 SHEETS  
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**LEGEND - SITE PLAN**

- > ACCESSIBLE TRAVEL PATH OF TRAVEL
- PROPERTY LINE

**GENERAL NOTES**

1. GENERAL TO SURFACE DRAINAGE PATTERN INCLUDING (E) ROOF DRAINAGE (E) AND TRANSFERRED TO GROUND LEVEL IS TO REMAIN AS IS.
2. THIS IS A CONCEPTUAL SITE PLAN, UNLESS OTHERWISE NOTED, ALL ELEMENTS AND CONDITIONS ARE EXISTING.
3. VEHICULAR ACCESS DRIVEWAYS MUST BE PROVIDED AND MAINTAINED SERVICEABLE THROUGHOUT CONSTRUCTION.
4. CONTRACTOR SHALL ERECT AND MAINTAIN BARRICADES, WARNING SIGNS AND TRAFFIC CONES PER LOCAL REQUIREMENTS. ACCESS TO DRIVEWAYS TO BE MAINTAINED AT ALL TIMES. ALL PUBLIC UTILITIES SHALL BE APPROVED AND IN PLACE PRIOR TO ANY CONSTRUCTION ACTIVITY.
5. ALL MATERIALS AND WORKMANSHIP FOR PUBLIC FACILITIES TO CONFORM TO CITY STANDARD CONSTRUCTION SPECIFICATIONS.
6. CONTRACTOR SHALL SWEEP ENTIRE SITE ON PORTIONS OF SITE TO BE USED BY THE PUBLIC AND SURROUNDING RIGHT-OF-WAY AREA OF THE STREET PRIOR TO USE BY THE GENERAL PUBLIC.
7. THE SITE SHALL BE KEPT FREE OF FIRE HAZARDS FROM THE START OF CONSTRUCTION TO FINAL INSPECTION.
8. VERIFY ANY ABRUPT CHANGE IN LEVEL, EXCEEDING 1/2" G.C. TO PROVIDE TRAMP FOR ACCESSIBLE PATH OF TRAVEL.
9. EXISTING CONCRETE SLAB/ASPHALT TRANSITION, G.C. TO VERIFY GENERAL CONTRACTOR SHALL PROVIDE A BMP FOR ALL ACTIVITIES PER LOCAL ORDINANCES.
10. THE GENERAL CONTRACTOR SHALL PROVIDE A BMP FOR ALL ACTIVITIES PER LOCAL ORDINANCES.
11. TO PREPARE SHEDS EXTENSION WORK.

**KEYNOTES**

- 1 (E) LANDSCAPE AND TREES TO REMAIN
- 2 (E) SIDEWALK TO REMAIN
- 3 (E) PARKING CUTTER TO REMAIN
- 4 (E) STREET CORNER CURB RAMP TO REMAIN
- 5 (E) CONC. WALKWAY TO REMAIN
- 6 (E) PARKING LIGHT POLE TO REMAIN
- 7 (E) STREET LIGHT TO REMAIN
- 8 (E) CONCRETE CURB RAMP TO REMAIN
- 9 (E) TRANSFORMER TO REMAIN, NEW MONUMENT SIGN BY OTHERS TO BE UNDER SEPARATE PERMIT
- 10 (E) MAIN HOLE
- 11 (E) 30" DIAMETER CONCRETE COLUMN TO REMAIN
- 12 (E) DRIVEWAY TO REMAIN
- 13 (E) 8" HIGH CURB WALL TO REMAIN
- 14 (E) 60" PARKING STALLS TO REMAIN, RESTRIPE PARKING STALLS
- 15 (E) 60" PARKING STALLS TO BE RESTRIPE AND PAINTED BLUE
- 16 (E) METAL SLIDING GATE TO BE REMOVED
- 17 (E) CURB WALL TO BE FULLY REMOVED
- 18 (E) HIGH CONCRETE CURB TO BE REMOVED
- 19 (E) PAINTER TO BE PARTIALLY REMOVED FOR NEW ADA RAMP, SEE ENLARGED DETAIL 23A.2
- 20 (E) CONCRETE CURB RAMP, SEE ENLARGED DETAIL 14A.2
- 21 (E) ADA PARKING STALLS, SEE ENLARGED DETAIL 14A.2
- 22 (E) DETECTABLE WARNING, SEE ENLARGED DETAIL 14A.2
- 23 (E) CONC. SLOPED TO OUTLET, SEE ENLARGED DETAIL 23A.2
- 24 (E) RAMP WITH HANDRAILS, SEE ENLARGED DETAIL 23A.2
- 25 (E) STRIPED AREA WITH TWO PARKING SPACES PAINTED ON GROUND
- 26 (E) STRIPING TO BE REMOVED
- 27 (E) SIGN - DO NOT ENTER - SEE ENLARGED DETAIL 11A.3.2
- 28 (E) UNAUTHORIZED VEHICLE SIGN, SEE ENLARGED DETAIL 11A.3.2
- 29 (E) 8" HIGH CHAIN LINK FENCE TO REMAIN
- 30 (E) FIRE HYDRANT
- 31 (E) PROPOSED DOCK & P.D.C. LOCATION @ 30" PARK CONC. PAD
- 32 (E) PROPOSED DOCK & P.D.C. ACCESS, SEE CIVIL
- 33 (E) PROPOSED FIRE MESH ROOM
- 34 (E) CONC. WALKWAY AND CURB RAMP - SEE SHEET A1.1
- 35 (E) STORM DRAIN INLET
- 36 (E) WATER LETTER
- 37 (E) GAS LETTER
- 38 (E) WATER VALVE VAULT
- 39 (E) CONC. WHEELSTOP - SEE DETAIL 3A.3.2
- 40 (E) PAINT CURBS RED AND LABEL IN 6" X 12" WHITE
- 41 (E) PAINT CURBS RED AND LABEL IN 6" X 12" WHITE, 1.5" EVERY 20 FEET WHERE PARKING IS NOT ALLOWED PER (N) CONC. SLABS TO MATCH HEIGHT OF (E) CURB
- 42 (E) CONC. SLABS TO MATCH HEIGHT OF (E) CURB

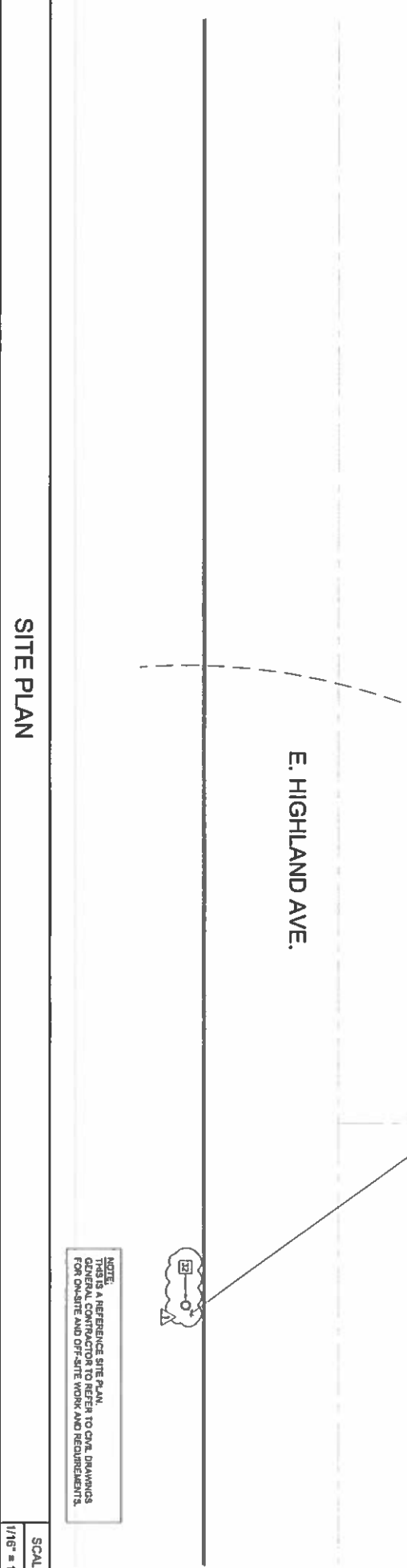
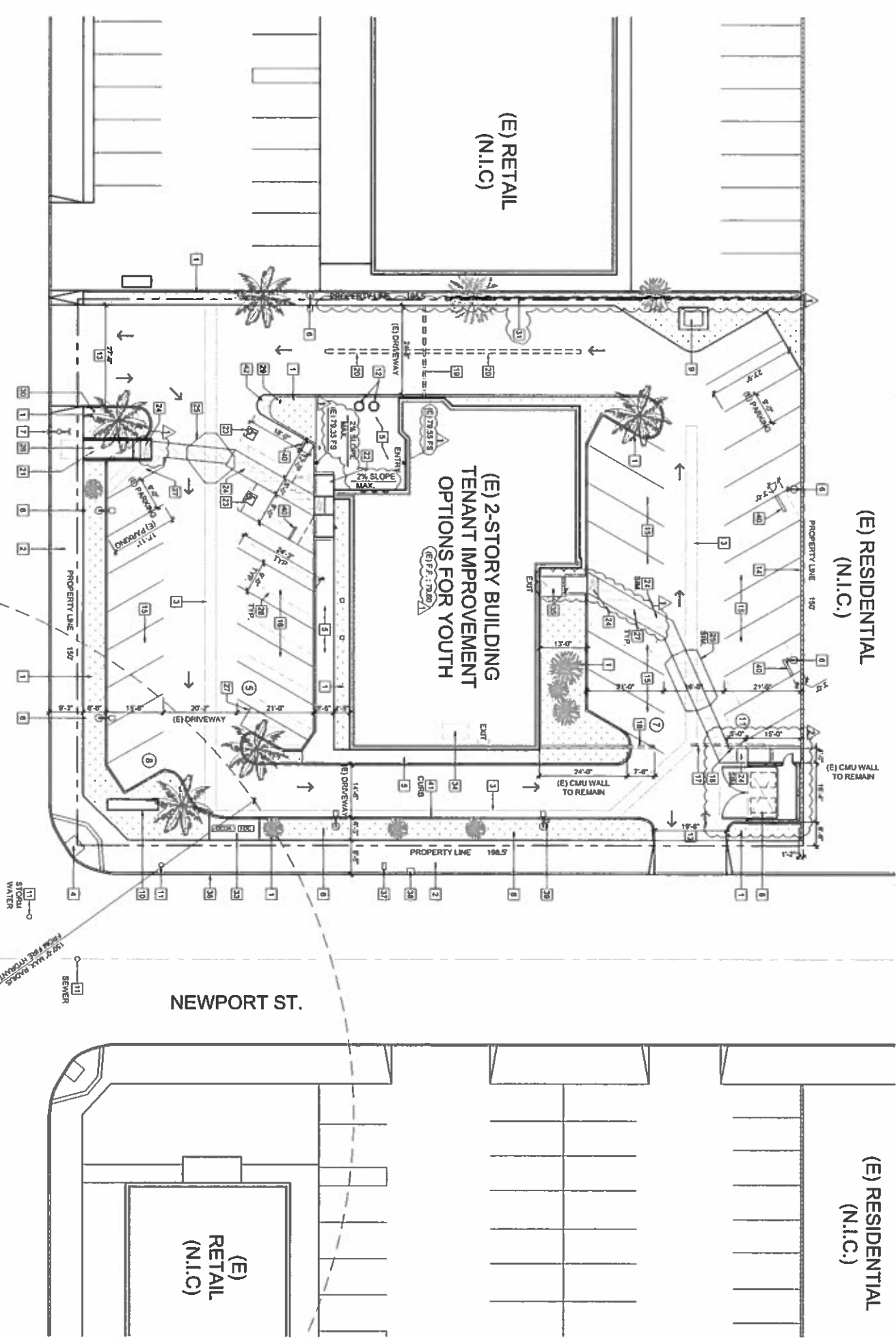
**PARKING SUMMARY**

- EXISTING:**  
STANDARD PARKING: 33 PARKING SPACES  
ADA PARKING: 1 PARKING SPACE  
REQUIRED FOR INSTITUTIONAL USE: (CHAPTER 18.24.040)
- REMOVED:**  
ELEMENTARY/JUNIOR HIGH
- PROVIDED:**  
STANDARD PARKING: 32 PARKING SPACES  
ADA PARKING: 2 PARKING SPACES
- LANDSCAPE TO REMAIN:** 3,809 SQ. FT.  
(E) LANDSCAPE TO BE REMOVED: 47 SQ. FT.  
(E) LANDSCAPE TO BE REMOVED: 47 SQ. FT. (DUE TO NEW RAMP)
- LANDSCAPE COVERAGE:** 2,898 SQ. FT. (73.5%)  
2,898 SQ. FT. (73.5%)

**LANDSCAPE SUMMARY**

- 7 PARKING SPACES FOR EACH CLASSROOM  
(2) CLASSROOMS = 14 PARKING SPACES REQUIRED
- 2 PARKING SPACES FOR EACH CLASSROOM  
(2) CLASSROOMS = 4 PARKING SPACES REQUIRED
- HIGH SCHOOL:
- 7 PARKING SPACES FOR EACH CLASSROOM  
(2) CLASSROOMS = 14 PARKING SPACES REQUIRED
- STANDARD PARKING: 32 PARKING SPACES  
ADA PARKING: 2 PARKING SPACES

SCALE	1/8" = 1'-0"
SHEET NUMBER	8



**NOTE:**  
THIS IS A REFERENCE SITE PLAN. REFER TO CIVIL DRAWINGS FOR ON-SITE AND OFF-SITE WORK AND REQUIREMENTS.

**SITE PLAN**



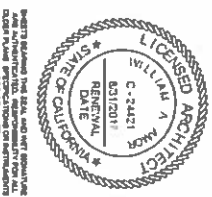
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SAN BERNARDINO, CA 92404

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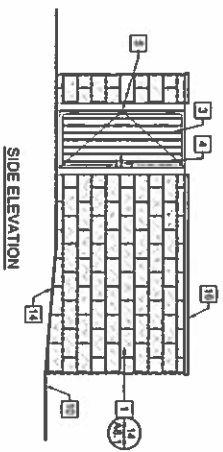
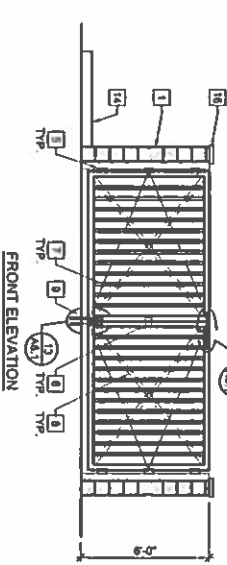
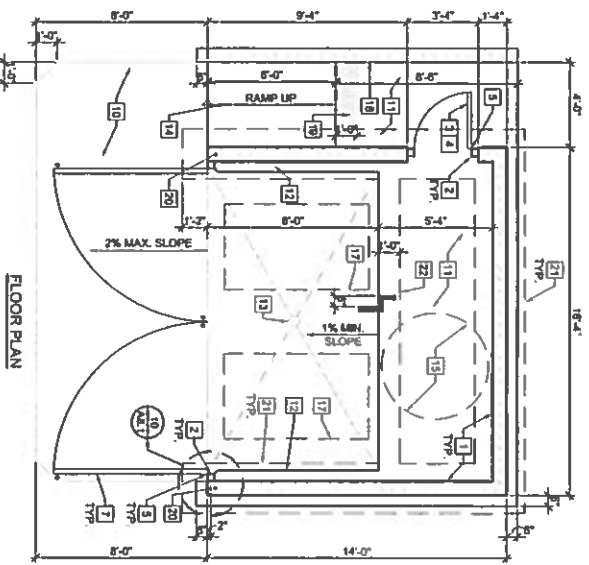
**PROJECT LOCATION**  
1148 E. HIGHLAND AVENUE  
SAN BERNARDINO, CA 92404

**SHEET TITLE**  
SITE PLAN



REVISIONS	DATE	PROJECT NUMBER	SHEET NUMBER
APPROVED:	03.08.18	A194	
DATE	03.08.18		
PROJECT NUMBER	A194		
SHEET NUMBER			

**AS.1**



**KEY NOTES**

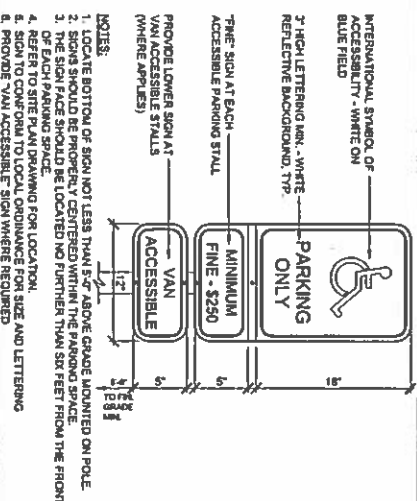
- 1 BRICKER SPLIT FACE BLOCK WALL TO MATCH EXISTING.
- 2 1/2" TUBE STEEL POST AT WALL. GROUT FILL POST SOLID. PAINT WITH (2) COATS ZINC PRIMER & (2) COATS SATIN FINISH PAINT TO MATCH WALL COLOR.
- 3 STEEL MAIN GATE. 1-1/2" SQUARE TUBE STEEL FRAME & 5/8" SQUARE PICKETS AT 4" O.C. - POWDER COATED ON (2) COATS ZINC PRIMER & (2) COATS SATIN FINISH PAINT TO MATCH WALL COLOR. PROVIDE A 1/2" ROCK PLATE ON INSIDE.
- 4 GATE LATCH LOCKABLE ELEVEN TYPE HARDWARE (MAX. 5/8" OPERING PRESSURE).
- 5 ATTACH GATE TO TUBE STEEL POST WITH (2) HEAVY DUTY HINGES.
- 6 3 1/2" GALV. STEEL HD HANG STAINLESS NO. 317.
- 7 ENCLOSURE GATE. SPOT WELD MINIMUM 30% CORRODATED METAL PANEL WELDED TO 2" X 2" ANGLE FRAME. POWDER COATED ON (2) COATS ZINC PRIMER & (2) COATS SATIN FINISH PAINT TO MATCH WALL COLOR OR APPROVED EQUAL.
- 8 3/4" GALV. STEEL 1" X 1" X 3/16" THICK CROSS BRACE. PAINT WELD TO FRAME AND SPOT WELD TO CORRODATED METAL DECK PANEL (AT EACH END OF GATE).
- 9 HEAVY DUTY DROP CANE BOX. ATTACH TO GATE FRAME. SET (1) 6" LONG X 1" O.D. GALVANIZED PIPE SLEEVE TO ACCEPT BOLT STAINLESS CD-1009 1" OR APPROVED EQUAL. PROVIDE (2) PIVOT GATE FOR OPEN AND CLOSED POSITIONS.
- 10 8" THICK 8" C.C. PAVING IN FRONT OF ENCLOSURE.
- 11 4" W/4" THICK CONCRETE DECK W/ 8" X 8" W/W/4.
- 12 6" W/4" CONCRETE CURB.
- 13 SANITARY SEWER CONNECTION.
- 14 CONCRETE POLE W/ 1:1.25% MAX. SLOPE.
- 15 5'-0" DIAMETER CLEAR WHEELCHAIR TURNAROUND.
- 16 CHU CAP - PAINT TO MATCH WALL COLOR.
- 17 OUTLINE OF 4 CY TRASH & RECYCLE BIN.
- 18 EXISTING CONC. BLOCK FENCE.
- 19 12" W/4" BONDING GROOVES.
- 20 ADDITIONAL VERTICAL REBAR @ END CELLS RECEIVING GATE CONNECTION.
- 21 FOOTING OUTLINE. SEE DETAIL 14 / A.1.

**TRASH ENCLOSURE DETAILS**

SCALE 1/4" = 1'-0"

**ACCESSIBLE PARKING SIGN**

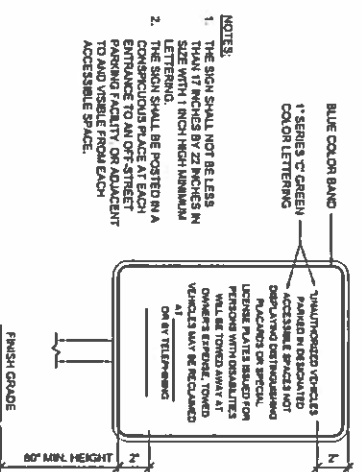
SCALE NTS



- NOTES:**
1. LOCATE BOTTOM OF SIGN NOT LESS THAN 5' ABOVE GRADE INDICATED ON POLE.
  2. SIGN SHALL BE SET BACK FROM THE CURB OR SIDEWALK BY 2' MINIMUM.
  3. THE SIGN FACE SHOULD BE LOCATED NO FURTHER THAN 5' FROM THE FRONT OF EACH PARKING SPACE.
  4. REFER TO SITE PLAN DRAWING FOR LOCATION.
  5. SIGN TO CONFORM TO LOCAL ORDINANCE FOR SIZE AND LETTERING.
  6. PROVIDE VAN ACCESSIBLE SIGN WHERE REQUIRED.

**UNAUTHORIZED VEHICLE SIGN**

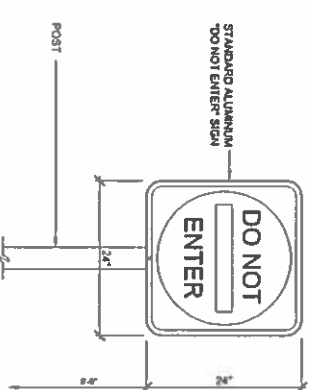
SCALE NTS



- NOTES:**
1. THE SIGN SHALL NOT BE LESS THAN 17 INCHES BY 22 INCHES IN SIZE WITH 1 INCH HIGH MINIMUM LETTERING.
  2. THE SIGN SHALL BE POSTED IN A PROMINENT LOCATION AT EACH PARKING FACILITY OR ADJACENT TO AND VISIBLE FROM EACH ACCESSIBLE SPACE.

**DO NOT ENTER SIGN**

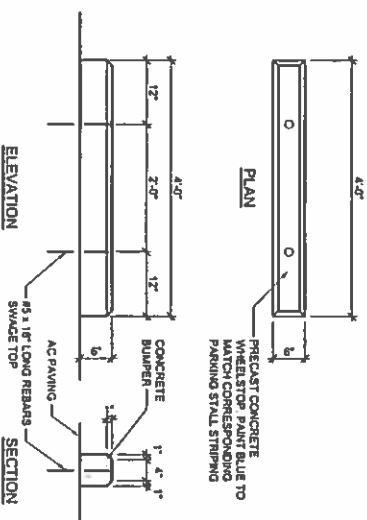
SCALE NTS



- NOTES:**
1. SIGN SHALL BE 24" HIGH BY 18" WIDE.
  2. SIGN SHALL BE MOUNTED TO A 2" X 2" ANGLE IRON POST.
  3. SIGN SHALL BE PAINTED TO MATCH WALL COLOR OR APPROVED EQUAL.

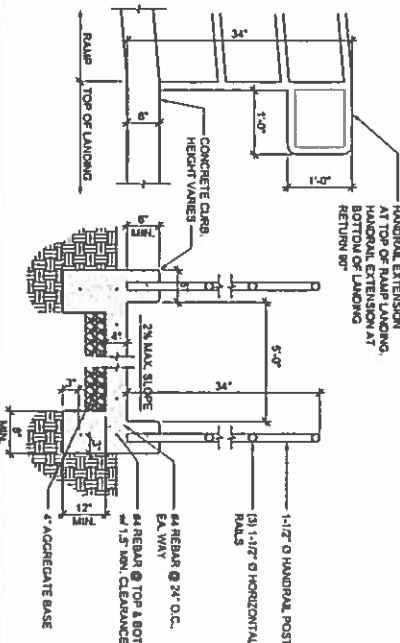
**WHEEL STOP DETAIL**

SCALE 3/4" = 1'-0"



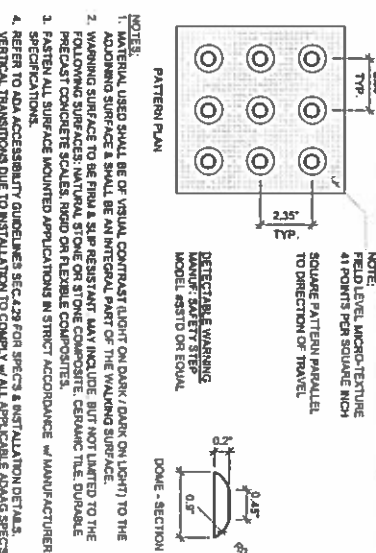
**RAMP SECTION & ELEV. DETAILS**

SCALE 3/4" = 1'-0"



**DETECTABLE WARNING DETAIL**

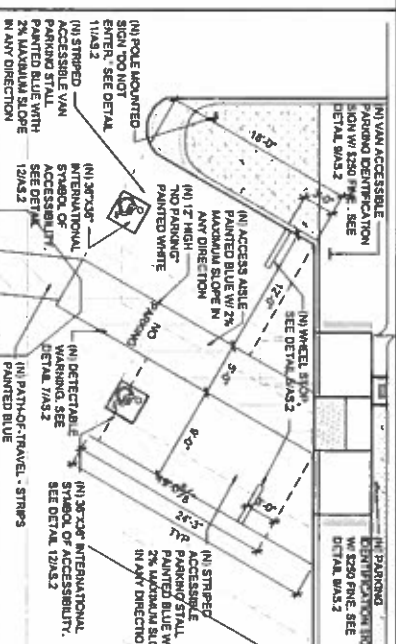
SCALE NTS



- NOTES:**
1. MATERIAL USED SHALL BE OF VISUAL CONTRAST (LIGHT OR DARK, DARK OR LIGHT) TO THE ADJACENT SURFACE & SHALL BE AN INTEGRAL PART OF THE WALKING SURFACE.
  2. WALKING SURFACE TO BE FINISH, SLIP RESISTANT, MAY INCLUDE, BUT NOT LIMITED TO THE FOLLOWING SURFACES: NATURAL STONE OR STONE COMPOSITE, CERAMIC TILE, DURABLE PRECAST CONCRETE SQUARES, RUBBER OR FLEXIBLE COMPOSITE.
  3. FASTEN ALL SURFACE MOUNTED APPLICATIONS IN STRICT ACCORDANCE W/ MANUFACTURER SPECIFICATIONS.
  4. REFER TO ADA ACCESSIBILITY GUIDELINES SEC. 429 FOR SPECS & INSTALLATION DETAILS.
  5. VERTICAL TRANSMISSIONS DUE TO INSTALLATION TO COMPLY W/ ALL APPLICABLE BOARD SPECS.
  6. DETAIL TO BE USED FOR CURB, TRIMSET INSTALLATION, INSTALL PANEL JOINTS & AN EXPANDED JOINT SEAM.

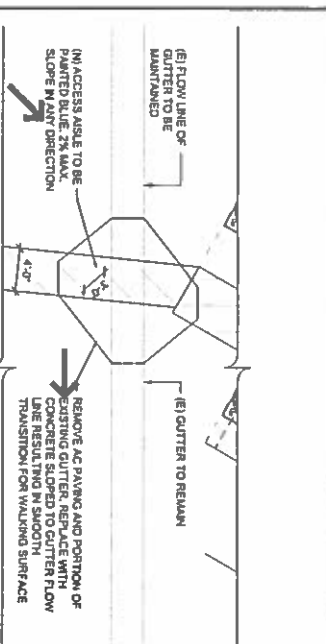
**ENLARGED ACCESSIBLE PARKING**

SCALE 1/8" = 1'-0"



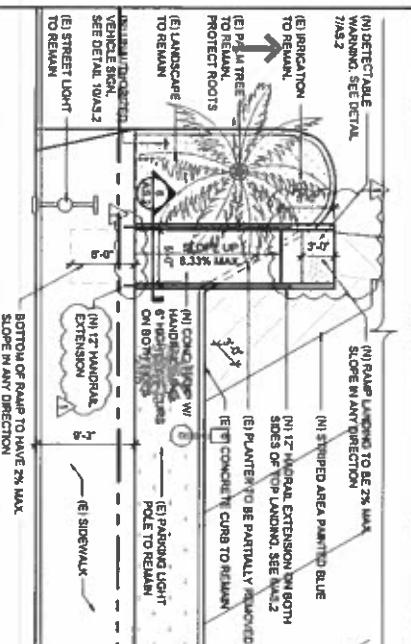
**ENLARGED CURB RAMP**

SCALE 1/4" = 1'-0"



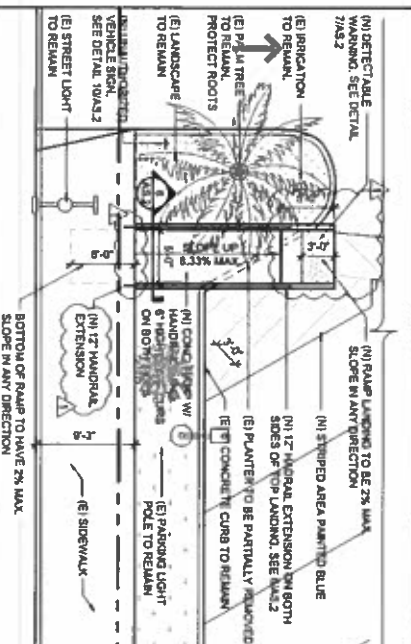
**ENLARGED CONCRETE PAVEMENT**

SCALE 1/8" = 1'-0"



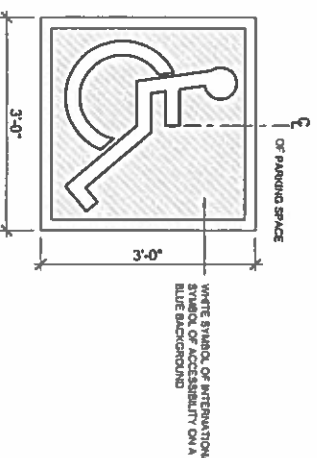
**ENLARGED ADA RAMP**

SCALE 1/8" = 1'-0"



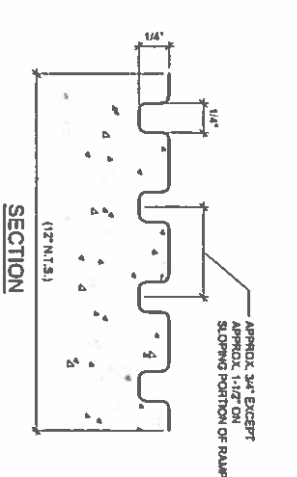
**INT. SYMBOL OF ACCESSIBILITY**

SCALE NTS



**CURB RAMP GROOVE DETAIL**

SCALE NTS



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 SAN BERNARDINO, CA 92404

**PROJECT LOCATION**  
 SHEET TITLE: ENLARGED SITE PLAN AND SITE DETAILS

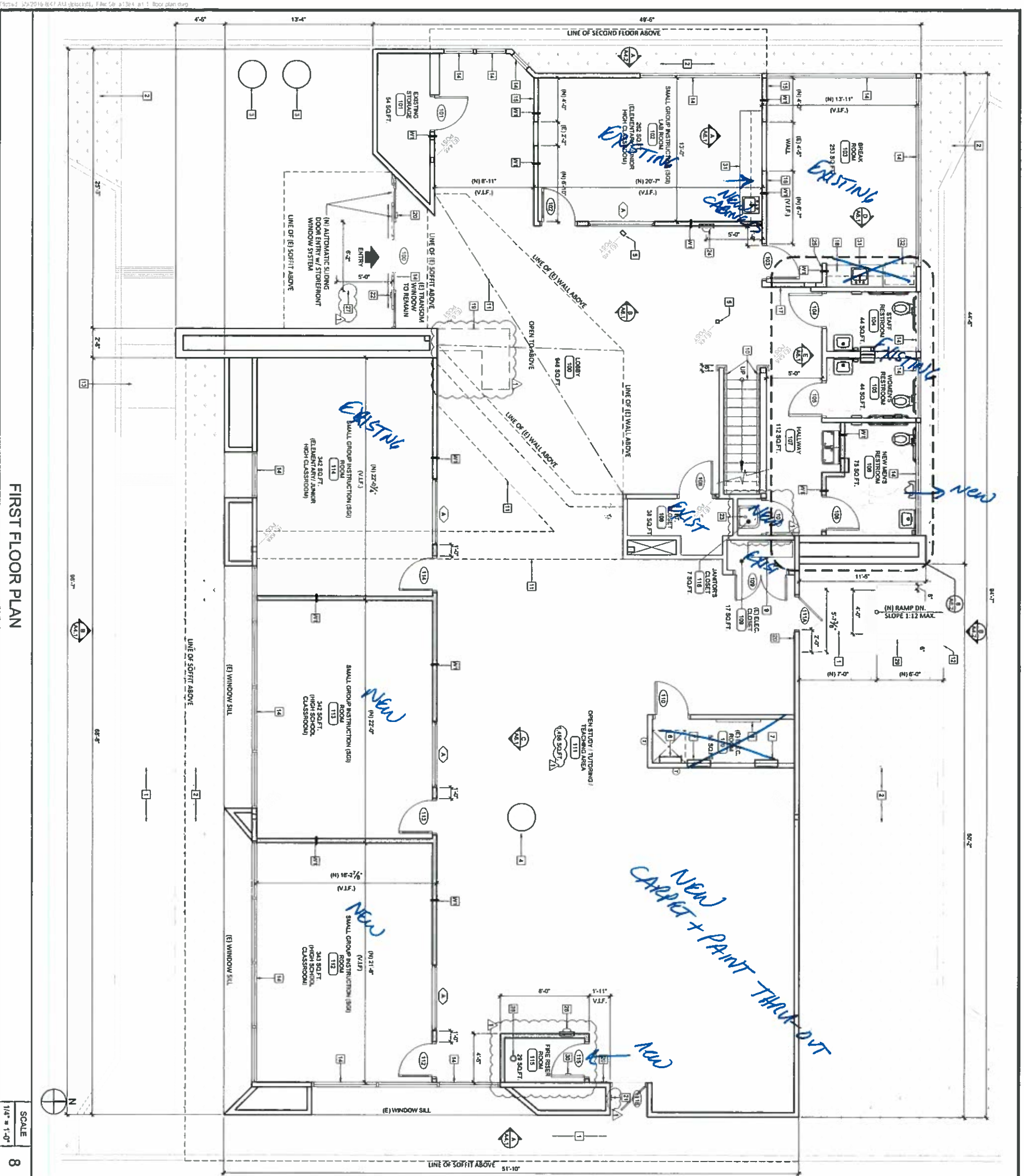
**REVISIONS**

NO.	DATE	DESCRIPTION
1	05.14.18	CITY SUBMITTAL 11.12.15
2	05.14.18	P.C. SUBMITTAL 05.14.18
3	02.24.18	P.C. SUBMITTAL 02.24.18
4	02.08.18	P.C. SUBMITTAL 02.08.18

**DATE:** 03.08.18  
**PROJECT NUMBER:** A1394  
**SHEET NUMBER:** AS.2







FIRST FLOOR PLAN

SCALE 1/4" = 1'-0"

8

LEGEND	
	WALL CONSTRUCTION TYPES
	(N) INTERIOR NON-BEARING WALL WITH 3/8" x 20 GA METAL STUDS AT 16" O.C. TO UNDERLIE OF 2" MINIMUM R-13 INSULATION AND 3/4" FIBERGLASS R-13 INSULATION.
	(D) DOOR
	(D) DOOR TO REMAIN. UNLESS NOTED OTHERWISE.

KEYNOTES	
1	REMOVE (E) CONC. WALKWAY & REPAIR IN CONC. LANDSCAPE RAIMP. LANDING TO SLOPE MAX. 2% IN ANY DIRECTION.
2	(E) PLASTER TO REMAIN.
3	(E) EXTERIOR 30" O CONCRETE COLUMN TO REMAIN.
4	(E) INTERIOR 30" O CONCRETE STRUCTURAL COLUMN TO REMAIN. CAP OFF TILE AND SMOOTH AND PAINT.
5	(E) WOOD STRUCTURAL COLUMNS TO BE WRAPPED WITH GYP BOARD AND PAINTED FULL HEIGHT.
6	(E) ROOF ACCESS LADDER TO REMAIN.
7	(E) ELECTRICAL PANELS TO REMAIN. SEE ELECTRICAL DRAWINGS FOR PANEL SCHEDULE.
8	(E) TELEPHONE COMMUNICATION BACKBOARD TO REMAIN. SEE ELECTRICAL DRAWINGS.
9	(E) MAIN SWITCHBOARD TO REMAIN. SEE ELECTRICAL DRAWINGS.
10	(E) STAIRS TO REMAIN. INSTALL (N) HANDRAILS ON BOTH SIDES OF STAIRS. CLEARANCE BETWEEN HANDRAIL GRIPPING SURFACE AND ADJACENT SURFACE SHALL BE 1-1/2" MINIMUM. HANDRAIL GRIPPING SURFACE WITH A CIRCULAR CROSS SECTION SHALL HAVE AN OUTSIDE DIAMETER OF 1-1/4" MINIMUM. BOTTOM OF STAIR SHALL RETURN TO THE WALL 12" MINIMUM. PROVIDE BACKING FOR (N) HANDRAILS.
11	(E) SOFFIT ABOVE TO REMAIN. SEE REFLECTED CEILING PLAN.
12	(E) CONC. CURB TO REMAIN.
13	(N) CURB RAMP. SEE DETAIL Z8A.2.
14	(E) WINDOW SILL TO REMAIN.
15	(N) TACTILE WALL OPENING APPROXIMATELY 4'-0" WIDE X 8'-0" HIGH.
16	(N) TACTILE WALL OPENING APPROXIMATELY 4'-0" WIDE X 8'-0" HIGH.
17	(N) TACTILE WALL OPENING APPROXIMATELY 4'-0" WIDE X 8'-0" HIGH.
18	(N) WATER HEATER. SEE PLUMBING DRAWINGS.
19	(N) DESK COUNTER BY OTHERS - SHALL BE 30" MAX. A.F.F. & SHALL BE 30" MAX. IN WIDTH X 1" TO 27" IN DEPTH W/ 30" MAX. WHEEL CLEARANCE.
20	(N) TACTILE EXIT SIGN WITH BRAILLE. SEE DETAIL UT1.2.
21	(N) TACTILE SIGN STANDING ROOM NOT AN ACCESSIBLE REAR ENTRANCE. USE FRONT DOOR FOR ACCESSIBLE ENTRANCE. SEE SMALL DETAIL UT1.3.
22	(N) INTERNATIONAL SYMBOL OF ACCESSIBILITY. SEE DETAIL Z81.2.
23	(N) SERVICE SINK. WATER HEATER ABOVE.
24	RELOCATED FIRE EXTINGUISHER MOUNT 48" MAX. AFF TO TOP OF SINK. SEE PLUMBING DRAWINGS.
25	RELOCATED FIRE EXTINGUISHER MOUNT 48" MAX. AFF TO TOP OF SINK. SEE PLUMBING DRAWINGS.
26	(N) FINE EXTINGUISHER TO BE CLASS 3A. (N) FIRE EXTINGUISHER TO BE CLASS 3A. (N) FIRE EXTINGUISHER TO BE CLASS 3A. (N) FIRE EXTINGUISHER TO BE CLASS 3A.
27	(N) FIRE RISER
28	(N) 8" x 8" x 8" DEEP CONC. CURB
29	(N) FIRE RISER ROOM SIGN - 60" A.F.F. TO CENTER OF SIGN
30	(N) 30" A.F.F. COUNTER W/ SINK - SEE PLUMBING DRAWINGS
31	30" MAX. REFRIGERATOR SPACE - OWNER SELECT

PROJECT LOCATION

OPTIONS FOR YOUTH

1148 E. HIGHLAND AVENUE  
SAN BERNARDINO, CA 92404

SHEET TITLE

FIRST FLOOR PLAN

STAMP

CLIENT

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REVISIONS						
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PROJECT NUMBER	ATM					
SHEET NUMBER	8					

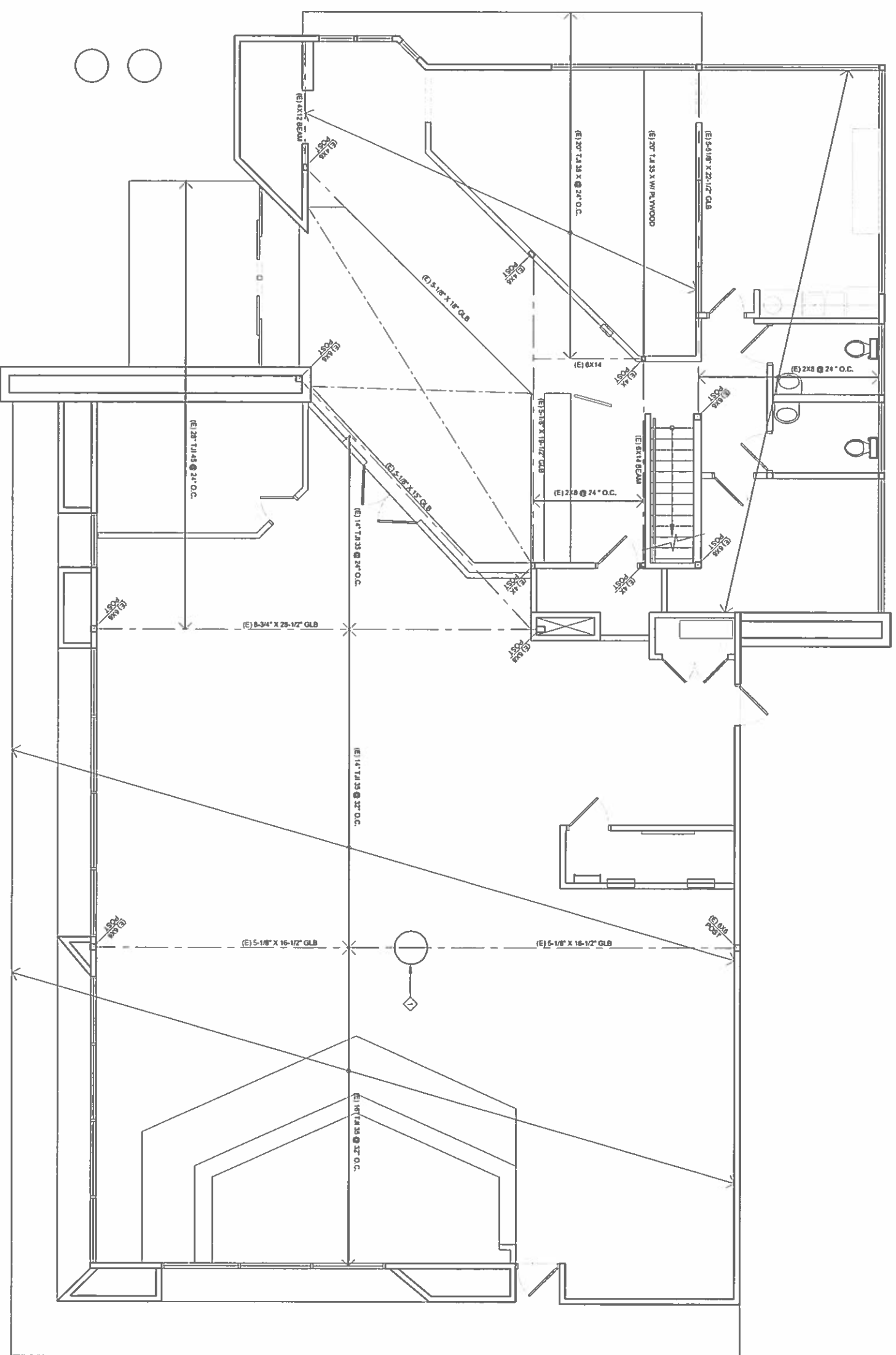
**A1.1**

**NOTES**

1. FRAMING PLAN BASED ON CITY RECORD DRAWINGS BY STEVE BAYER AND ASSOCIATES ARCHITECTS FROM 1988. ALL FRAMING TO REMAIN AS IS.

**KEYNOTES**

① 30" Ø CONCRETE STRUCTURAL COLUMN TO REMAIN



FOR REFERENCE ONLY



SCALE  
1/4" = 1'-0"  
8

**SECOND FLOOR / ROOF FRAMING PLAN**

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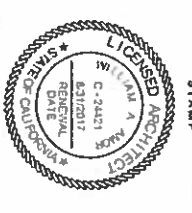
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**SECOND FLOOR/  
ROOF FRAMING PLAN**



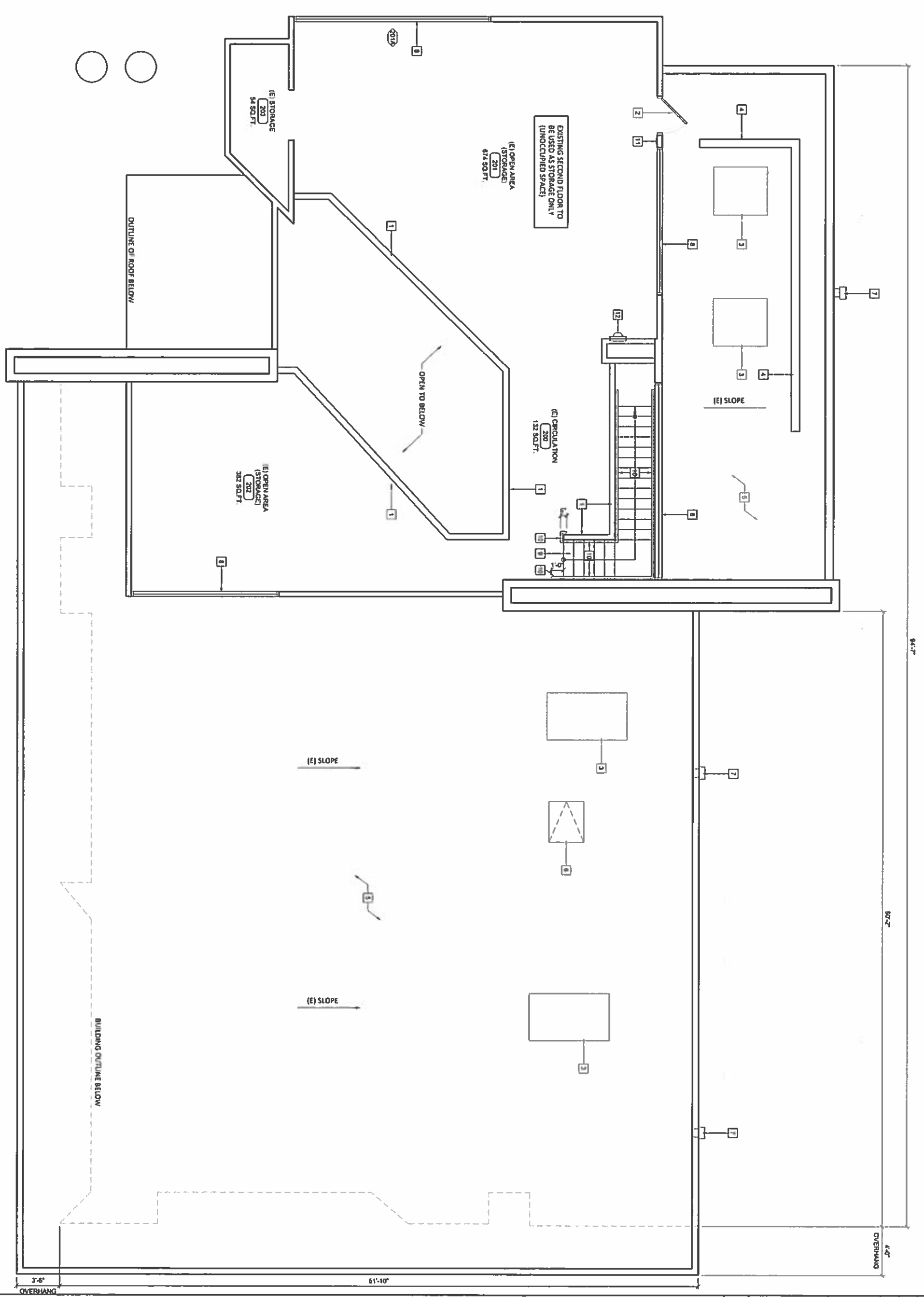
REVISIONS

NO.	DATE	DESCRIPTION
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△	03.04.18	P.C. SUBMITTAL: 01.14.18
△	03.04.18	P.C. SUBMITTAL: 02.24.18
△	03.04.18	P.C. SUBMITTAL: 03.08.18
△		
△		

DATE: 03.04.18  
PROJECT NUMBER: A194  
SHEET NUMBER

**A1.1a**

### SECOND FLOOR AND ROOF PLAN



TAD	WALL CONSTRUCTION TYPES
(E)	(E) WALL TO REMAIN
(I)	(I) INTERIOR NON-BEARING WALL WITH 2x6 STUB TO GA METAL STUDS AT TOP AND 2x6 STUDS AT BOTTOM. 1/2" GYPSUM BOARD ON EACH SIDE AND 3/4" FIBERGLASS R-13 INSULATION.
(N)	(N) DOOR

KEYNOTES	
1	(E) 45° HIGH LOW WALL TO REMAIN
2	(E) DOOR TO REMAIN
3	(E) ROOF TOP UNITS TO REMAIN. SEE MECHANICAL DRAWINGS
4	(E) ROOF SCREEN TO REMAIN. SEE EXTERIOR ELEVATIONS
5	(E) BUILT-UP ROOF TO REMAIN
6	(E) ROOF HATCH TO REMAIN
7	(E) ROOF SCUPPER AND DOWNSPOUT TO REMAIN
8	(E) WINDOW TO REMAIN
9	(E) STAIRS TO REMAIN. INSTALL (N) CABINET TO MATCH FIRST FLOOR
10	(N) HANDRAILS ON BOTH SIDES OF STAIRS 3/4" MINIMUM AND 3" MAXIMUM VERTICALLY TO TOP OF HANDRAIL'S CLEARANCE SURFACE SHALL BE 1-1/2" MINIMUM HANDRAIL GRIPPING SURFACE SHALL BE 1-1/2" MINIMUM HANDRAIL GRIPPING SURFACE WITH NUMBER OF HANDRAILS TO BE DETERMINED BY ARCHITECT. EXTENSION AT TOP AND BOTTOM OF STAIR SHALL RETURN TO THE WALL 1/2" MINIMUM. PROVIDE BRACKING FOR HANDRAILS
11	(N) FACILE SIGN STATION THIS IS NOT AN EXIT WITH BRATTLE SEE SCHEDULE DETAIL 471.2
12	(N) FIVE EXTINGUISHERS TO BE CLASS 2A-10BC UNM. LOCATE ONE APART TO TOP OF WING. ONE TRAVEL DISTANCE IS 75 FEET FROM THE EXTINGUISHER.

**LEGEND**

(E) WALL TO REMAIN

(I) INTERIOR NON-BEARING WALL WITH 2x6 STUB TO GA METAL STUDS AT TOP AND 2x6 STUDS AT BOTTOM. 1/2" GYPSUM BOARD ON EACH SIDE AND 3/4" FIBERGLASS R-13 INSULATION.

(N) DOOR

**KEYNOTES**

1 (E) 45° HIGH LOW WALL TO REMAIN

2 (E) DOOR TO REMAIN

3 (E) ROOF TOP UNITS TO REMAIN. SEE MECHANICAL DRAWINGS

4 (E) ROOF SCREEN TO REMAIN. SEE EXTERIOR ELEVATIONS

5 (E) BUILT-UP ROOF TO REMAIN

6 (E) ROOF HATCH TO REMAIN

7 (E) ROOF SCUPPER AND DOWNSPOUT TO REMAIN

8 (E) WINDOW TO REMAIN

9 (E) STAIRS TO REMAIN. INSTALL (N) CABINET TO MATCH FIRST FLOOR

10 (N) HANDRAILS ON BOTH SIDES OF STAIRS 3/4" MINIMUM AND 3" MAXIMUM VERTICALLY TO TOP OF HANDRAIL'S CLEARANCE SURFACE SHALL BE 1-1/2" MINIMUM HANDRAIL GRIPPING SURFACE SHALL BE 1-1/2" MINIMUM HANDRAIL GRIPPING SURFACE WITH NUMBER OF HANDRAILS TO BE DETERMINED BY ARCHITECT. EXTENSION AT TOP AND BOTTOM OF STAIR SHALL RETURN TO THE WALL 1/2" MINIMUM. PROVIDE BRACKING FOR HANDRAILS

11 (N) FACILE SIGN STATION THIS IS NOT AN EXIT WITH BRATTLE SEE SCHEDULE DETAIL 471.2

12 (N) FIVE EXTINGUISHERS TO BE CLASS 2A-10BC UNM. LOCATE ONE APART TO TOP OF WING. ONE TRAVEL DISTANCE IS 75 FEET FROM THE EXTINGUISHER.

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SHEET TITLE

**SECOND FLOOR  
AND ROOF PLAN**

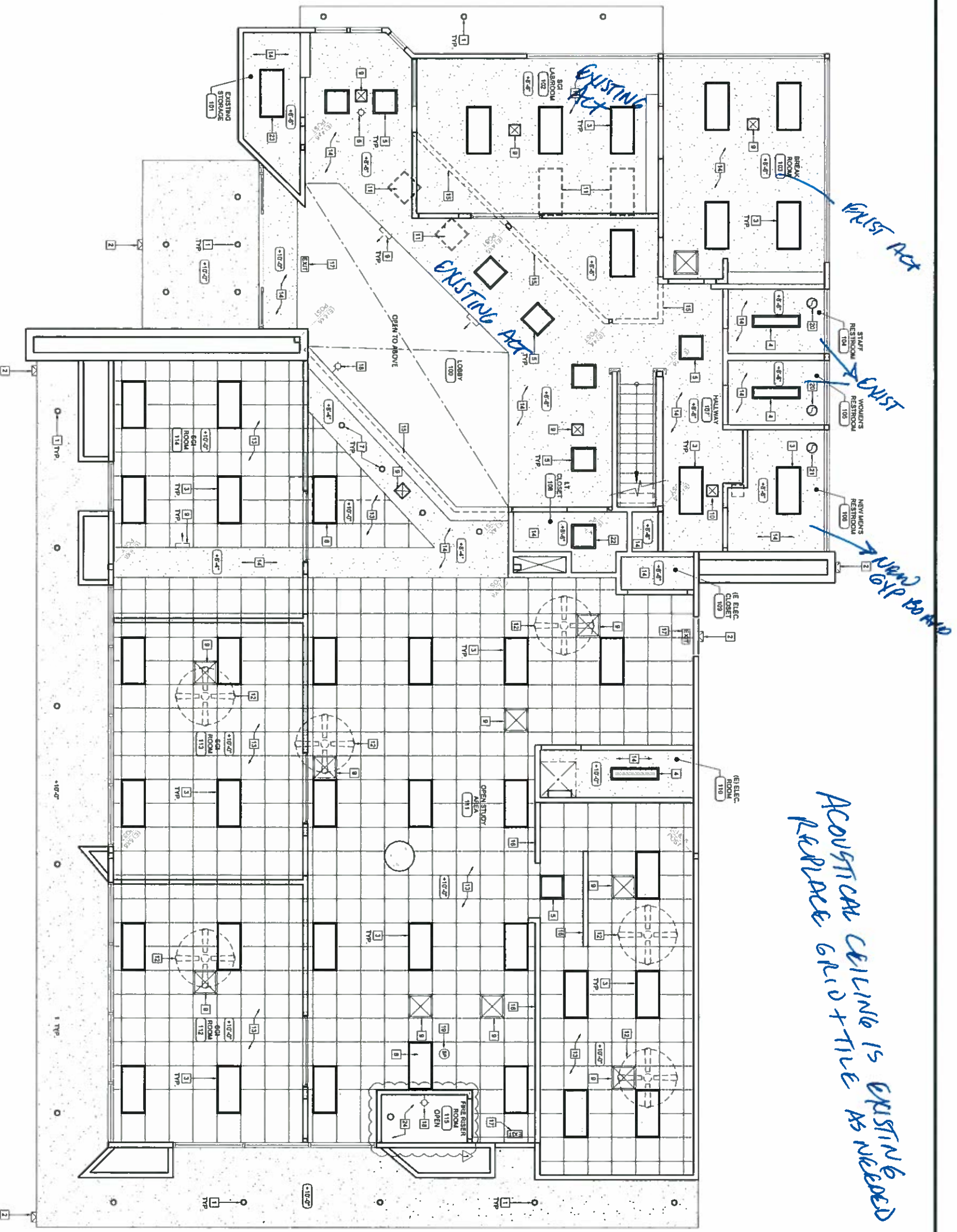
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REVISIONS

NO.	DATE	DESCRIPTION
1	03.08.18	P.C. SUBMITTAL: 01.14.18
2		P.C. SUBMITTAL: 02.24.18
3		P.C. SUBMITTAL: 03.08.18

DATE: 03.08.18  
PROJECT NUMBER: A1204  
SHEET NUMBER: **A2.1**

ACOUSTICAL CEILING IS EXISTING & REPLACE GRID + TILE AS NEEDED



**LEGEND**

- 2x4 RECESSED MOUNTED FLUORESCENT LIGHT FIXT.
- 1x4 SURFACE MOUNTED FLUORESCENT LIGHT FIXTURE
- 1x4 RECESSED MOUNTED FLUORESCENT LIGHT FIXT.
- 2x2 RECESSED MOUNTED FLUORESCENT LIGHT FIXT.
- RECESSED DOWNLIGHT
- SUPPLY AIR DIFFUSER TO REMAIN
- RETURN AIR DIFFUSER TO REMAIN
- EXHAUST FAN
- ILLUMINATED EXT SIGN
- WALL MOUNTED LIGHT FIXTURE
- SURFACE MOUNTED LIGHT FIXTURE
- SPEAKER

**KEYNOTES**

- 1 (E) EXTERIOR RECESSED DOWNLIGHTS TO REMAIN
- 2 (E) EXTERIOR WALLPACK LIGHT FIXTURE TO REMAIN
- 3 DEMO (E) 2x4 RECESSED LIGHT FIXTURE AND REPLACE WITH NEW LIGHT FIXTURE. SEE ELECTRICAL DRAWINGS
- 4 DEMO (E) 1x4 LIGHT FIXTURE AND REPLACE WITH NEW LIGHT FIXTURE. SEE ELECTRICAL DRAWINGS
- 5 (E) SURFACE MOUNTED LIGHT FIXTURE TO BE DEMO. PATCH C.O. ELECTRICAL DRAWINGS
- 6 (E) RECESSED DOWNLIGHT FIXTURE TO BE DEMO. PATCH C.O. ELECTRICAL DRAWINGS
- 7 RELOCATED 2x4 LIGHT FIXTURE. SEE ELECTRICAL DRAWINGS
- 8 (E) SUPPLY AIR DIFFUSER TO BE DEMO. SEE MECHANICAL DRAWINGS FOR (N) SUPPLY AND RETURNS
- 9 RELOCATED SUPPLY AIR DIFFUSER. SEE MECHANICAL DRAWINGS
- 10 (E) LIGHT FIXTURE TO BE DEMO. PATCH AND PAINT CEILING
- 11 (E) CEILING FAN TO BE DEMO. PATCH CEILING AS REQUIRED
- 12 (E) 1x4 AND CEILING PANELS TO REMAIN. REPLACE ANY DAMAGED 1x4 AND CEILING PANELS. ACOUSTICAL CEILING TO REMAIN. PATCH AND PAINT AS REQUIRED THROUGHOUT
- 13 (E) CEILING HEADERS TO REMAIN. PATCH AND PAINT AS REQUIRED
- 14 (E) WALL MOUNTED EXT LIGHT. SEE ELECTRICAL DRAWINGS
- 15 (E) WALL MOUNTED LIGHT FIXTURE. PROVIDE POWER. SEE ELECTRICAL DRAWINGS
- 16 (E) SPEAKER TO REMAIN
- 17 (E) EXHAUST FAN TO BE DEMO. INSTALL (N) EXHAUST FAN. SEE ELECTRICAL AND MECHANICAL DRAWINGS
- 18 (N) EXHAUST FAN. SEE ELECTRICAL AND MECHANICAL DRAWINGS
- 19 (E) 2x2 RECESSED MOUNTED LIGHT FIXTURE
- 20 (E) LIGHT FIXTURE TO REMAIN
- 21 DEMO (E) 1x4 AND CEILING & LIGHT FIXTURE IN (N) RISER ROOM

**GENERAL NOTES**

1. DC TO ENSURE ALL LIGHTS ARE IN WORKING CONDITION.
2. ALL CEILING HEIGHTS ARE MEASURED FROM TOP OF FLOOR SLAB TO THE UNDERSIDE OF FRESH CEILING AND ARE NOTED ON THE REFLECTED CEILING PLAN.
3. REFLECTED CEILING PLAN SHOWS THE LOCATION OF ALL EXISTING AND NEW LIGHT FIXTURES, SCHEMATIC SYMBOLS AND ANY ADDITIONAL FIXTURES NOT SHOWN ON THIS PLAN.
4. REFER TO FINISH SCHEDULE FOR ADDITIONAL CEILING MATERIAL AND FINISH REQUIREMENTS.
5. REFER TO ELECTRICAL DRAWINGS FOR LOCATIONS OF EMERGENCY FIXTURES.
6. ALL FINISHING AND PAINTING REQUIREMENTS SHALL BE ACCORDING TO THE FINISH SCHEDULE, SPECIFICATIONS AND CENTER ELEVATIONS.
7. CENTER EXIT SIGNS ON THE CORRESPONDING DOORS WHERE APPLICABLE.
8. COORDINATE LOCATION OF HVAC GRILLES AND DIFFUSERS. ALL GRILLES AND DIFFUSERS SHALL BE FACTORY WHITE FINISH REQUIRING FEN CIRC 128K.1

**REFLECTED CEILING PLAN**

SCALE 1/4" = 1'-0"

8

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N U T ANT

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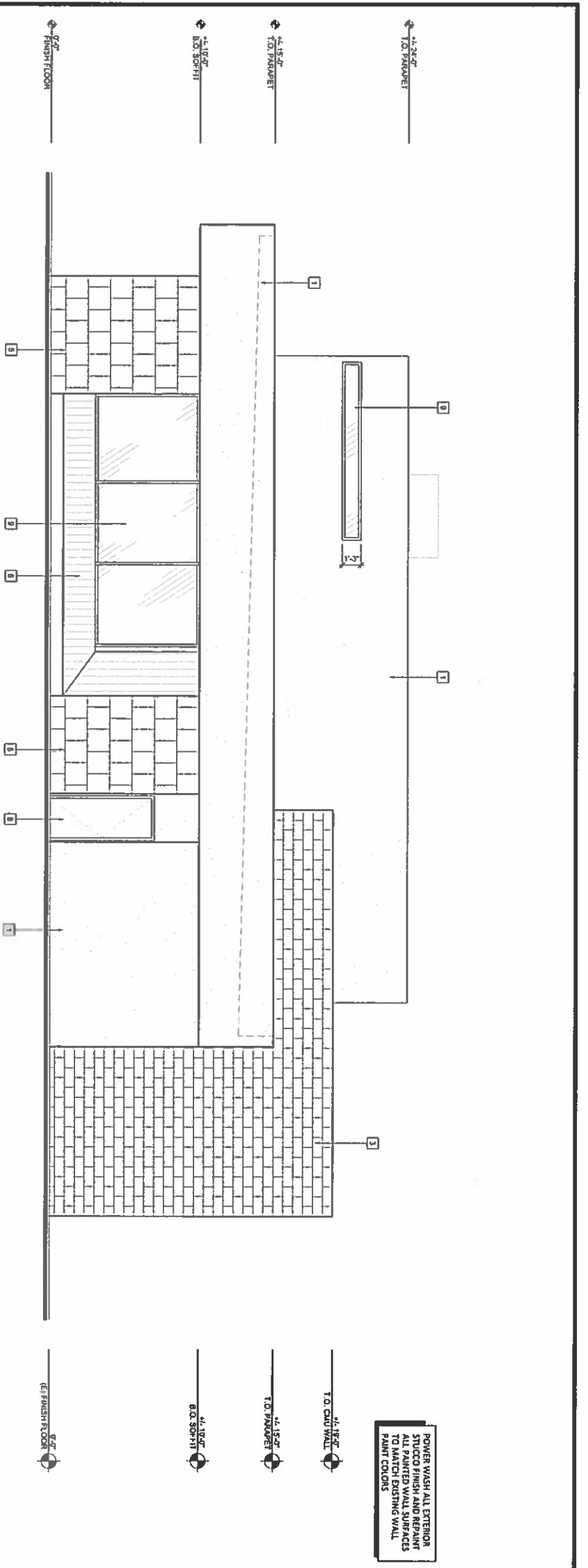
**REFLECTED CEILING PLAN**

PROJECT LOCATION  
STAMP

DATE 02.28.19  
PROJECT NUMBER 15139  
SHEET NUMBER

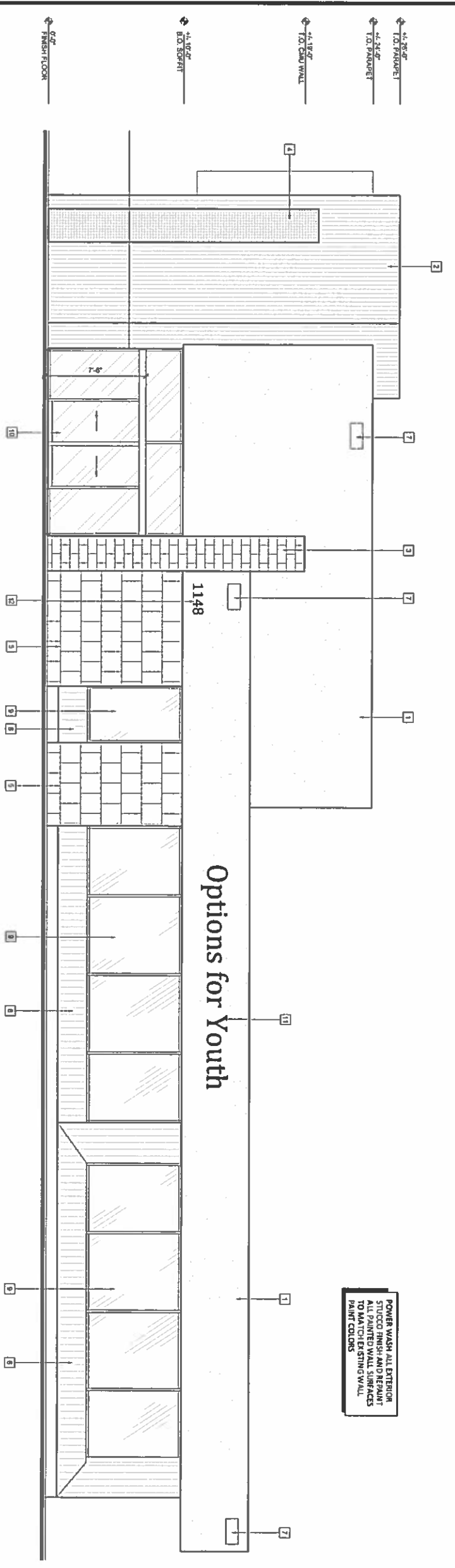
REVISIONS  
CITY SUBMITTAL 11.12.18  
P.C. SUBMITTAL 01.14.19  
P.C. SUBMITTAL 02.24.19  
P.C. SUBMITTAL 02.28.19

**A3.1**



EXTERIOR EAST ELEVATION

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



EXTERIOR SOUTH ELEVATION

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

KEYNOTES

- 1 (1) STUCCO FINISH TO REMAIN
- 2 (2) STUCCO FINISH WITH FLUTTER PATTERN TO REMAIN
- 3 (3) CHAU WALL TO REMAIN
- 4 (4) CONCRETE COLUMNS WITH MOSAIC FINISH TO REMAIN
- 5 (5) TILE FINISH TO REMAIN
- 6 (6) SALIDED WOOD WINDOW SILL TO REMAIN
- 7 (7) WALL PACK LIGHT FIXTURE TO REMAIN
- 8 (8) (E) DOOR TO REMAIN. SEE FLOOR PLAN & DOOR SCHEDULE
- 9 (9) (E) STORMFRONT WINDOWS TO REMAIN
- 10 (10) (E) SLIDING DOOR SYSTEM & TRANSOM - TAPER GLASS. SEE FLOOR PLAN AND DOOR SCHEDULE
- 11 (11) SIGNAGE BY OTHERS UNDER SEPARATE PERMIT
- 12 (12) ADDRESS NUMERAL SHALL BE REMOVED FROM THE FRONT OF STREET - IF TALL, COLOR TO CONTRAST WITH COLOR OF THE BACKGROUND (LOCATION SHALL BE APPROVED BY THE FIRE DEPARTMENT)

POWER WASH ALL EXTERIOR STUCCO FINISH AND REPAIR ALL PAINTED WALL SURFACES TO MATCH EXISTING WALL PAINT COLORS

POWER WASH ALL EXTERIOR STUCCO FINISH AND REPAIR ALL PAINTED WALL SURFACES TO MATCH EXISTING WALL PAINT COLORS



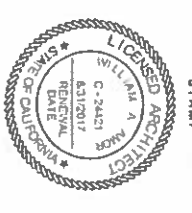
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1148 E. HIGHLAND AVENUE  
SAN BERNARDINO, CA 92404

SHEET TITLE  
**EXTERIOR ELEVATIONS**

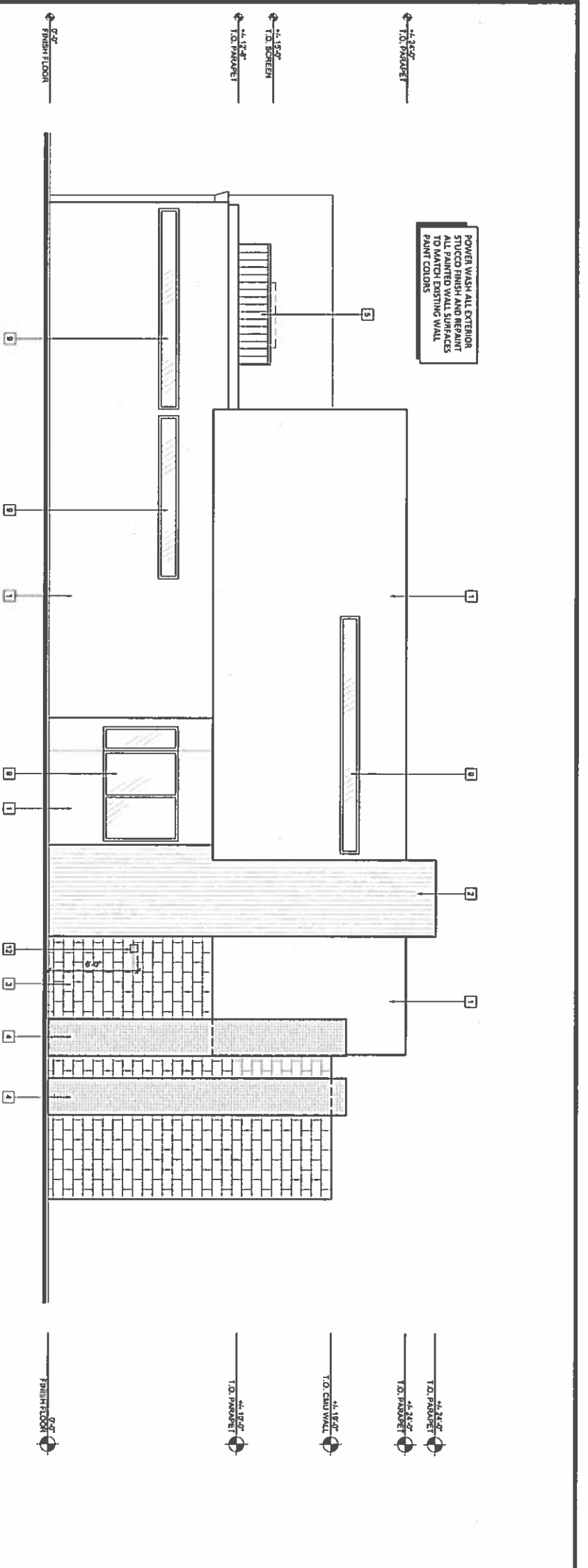


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NO.	DATE	DESCRIPTION
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2	03.05.18	P.C. SUBMITTAL 01.14.18
3	03.05.18	P.C. SUBMITTAL 02.24.18
4	03.05.18	P.C. SUBMITTAL 02.28.18

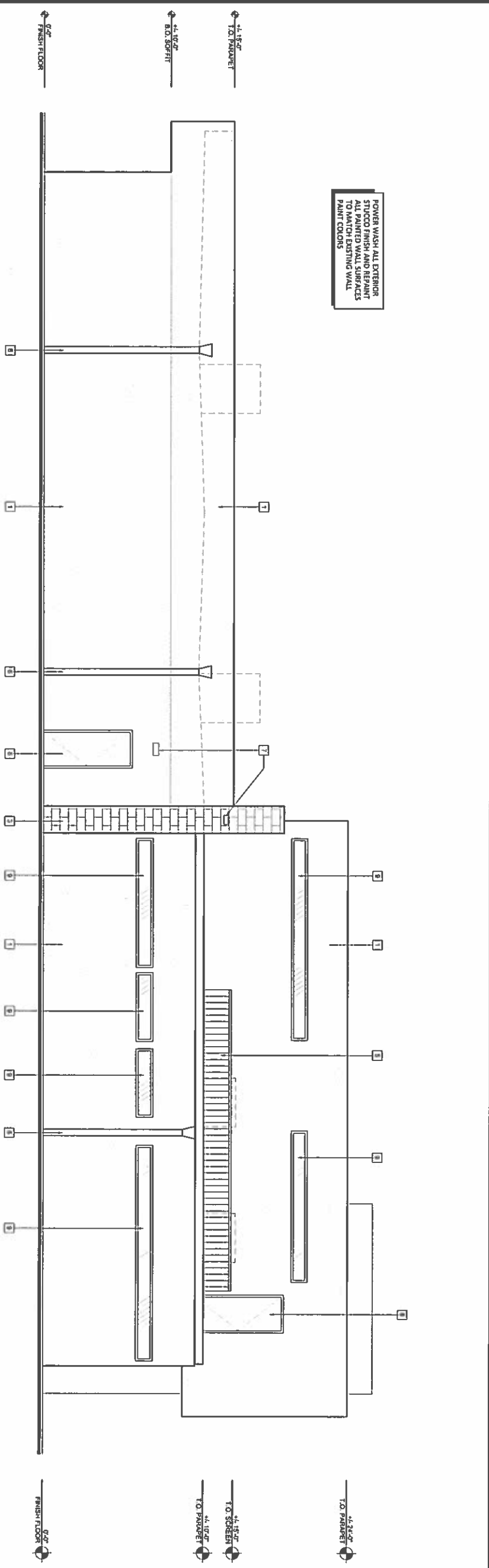
DATE: 03.05.18  
PROJECT NUMBER: A1394  
SHEET NUMBER

**A4.1**



EXTERIOR WEST ELEVATION

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



EXTERIOR NORTH ELEVATION

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

KEYNOTES

- 1 (E) STUCCO FINISH TO REMAIN
- 2 (E) STUCCO FINISH WITH FLUTTER PATTERN TO REMAIN
- 3 (E) CHU WALL TO REMAIN
- 4 (E) CONCRETE COLUMNS WITH MOSAIC FINISH TO REMAIN
- 5 (E) MECHANICAL UNIT WOOD ROOF SCREEN TO REMAIN, PAINT TO MATCH (E) COLOR
- 6 (E) ROOF DOWNSPOUT TO REMAIN, PAINT TO MATCH (E) COLOR
- 7 (E) WALL PICK LIGHT FIXTURE TO REMAIN
- 8 (E) DOOR TO REMAIN, SEE FLOOR PLAN AND DOOR SCHEDULE
- 9 (E) STOREFRONT WINDOWS TO REMAIN
- 10 (E) SLIDING DOOR SYSTEM - TIEFER GLASS, SEE FLOOR PLAN AND DOOR SCHEDULE
- 11 SIGNAGE BY OTHERS UNDER SEPARATE PERMIT
- 12 KNOX BOX, LOCATED PER FIRE DEPARTMENT'S REQUIREMENTS, CONTACT (909) 344-2388 FOR INSPECTION

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SAN BERNARDINO, CA 92404

SHEET TITLE  
**EXTERIOR ELEVATIONS**

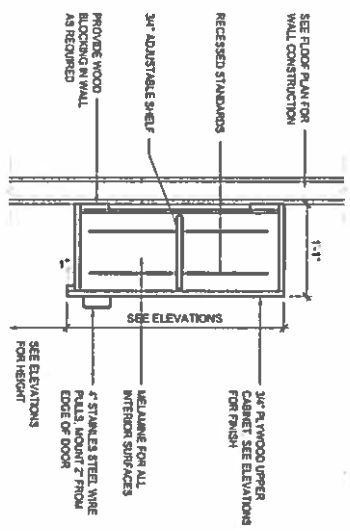


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NO.	DATE	DESCRIPTION
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2	02.08.16	P.C. SUBMITTAL: 01.14.16
3	02.08.16	P.C. SUBMITTAL: 02.24.16
4	02.08.16	P.C. SUBMITTAL: 02.08.16

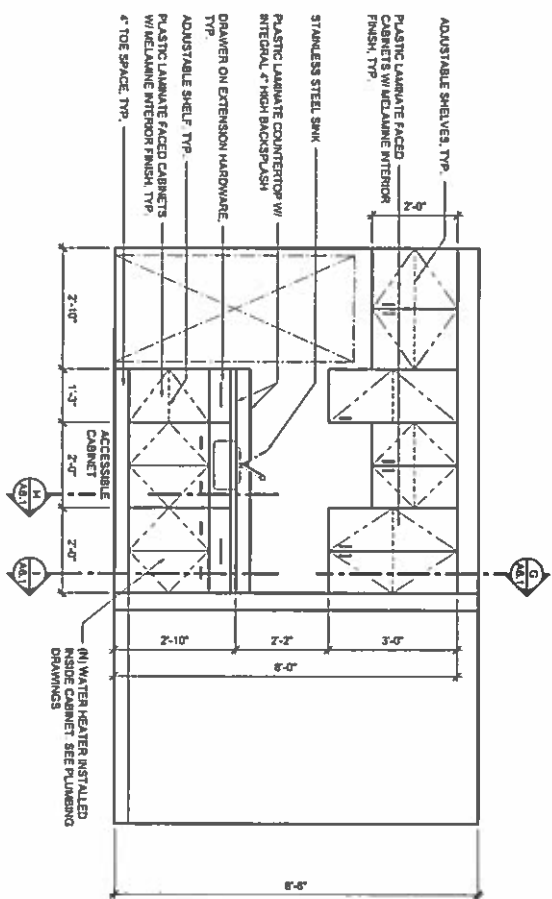
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PROJECT NUMBER: A13M  
SHEET NUMBER

**A4.2**



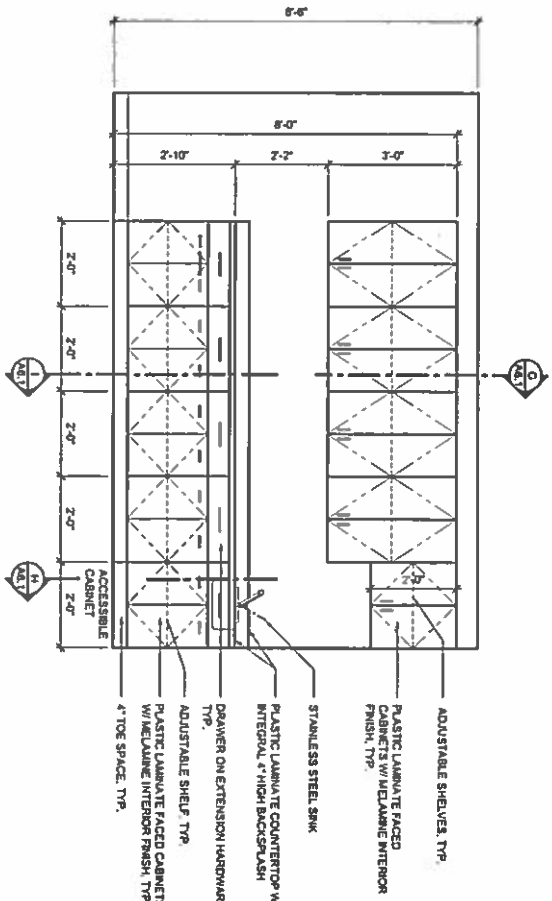
WALL HUNG CABINET

SCALE  
1" = 1'-0"



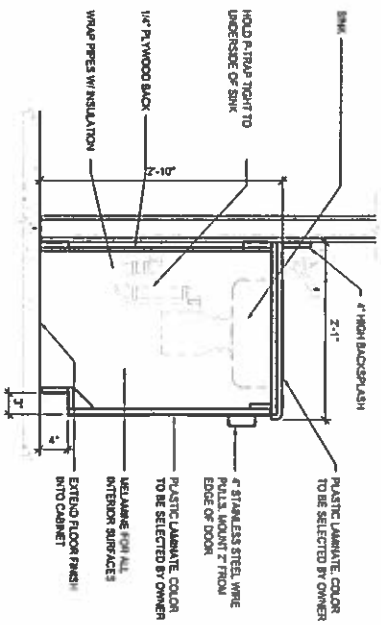
INTERIOR ELEVATION

SCALE  
1/2" = 1'-0"



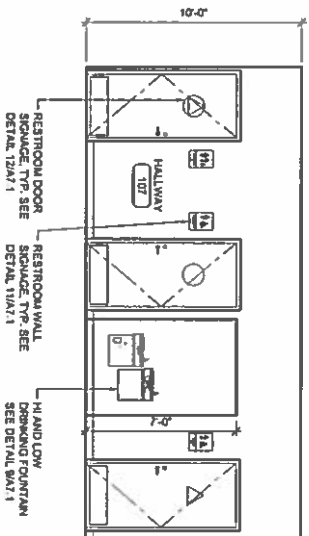
INTERIOR ELEVATION

SCALE  
1/2" = 1'-0"



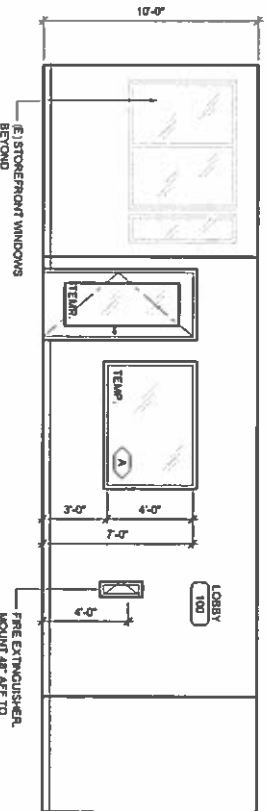
ACCESSIBLE SINK CABINET

SCALE  
1" = 1'-0"



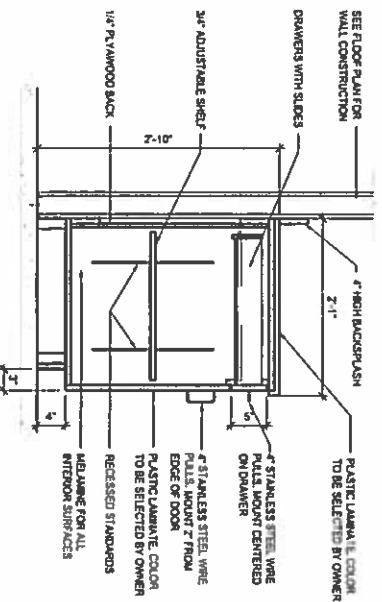
INTERIOR ELEVATION

SCALE  
1/4" = 1'-0"



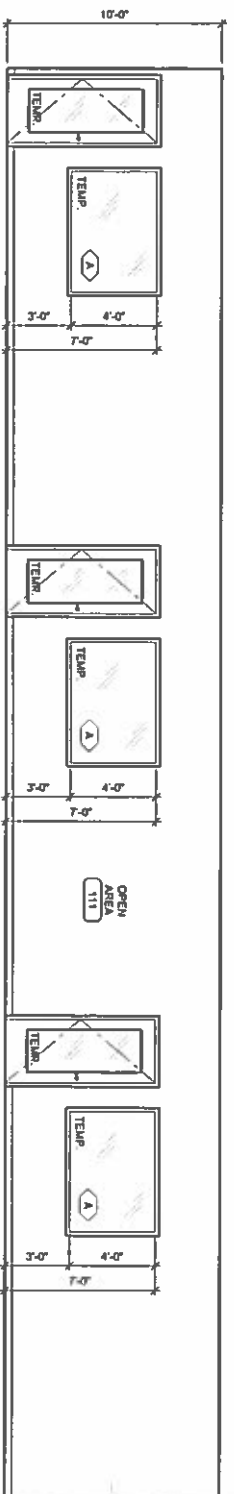
INTERIOR ELEVATION

SCALE  
1/4" = 1'-0"



BASE CABINET

SCALE  
1" = 1'-0"



INTERIOR ELEVATION

SCALE  
1/4" = 1'-0"

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INTERIOR ELEVATIONS

PROJECT LOCATION  
SHEET TITLE

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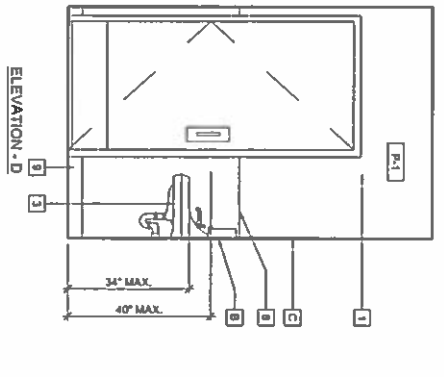
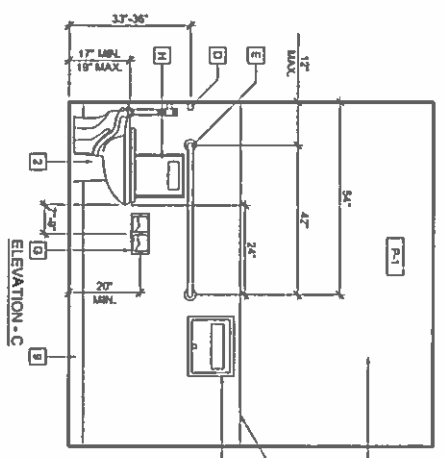
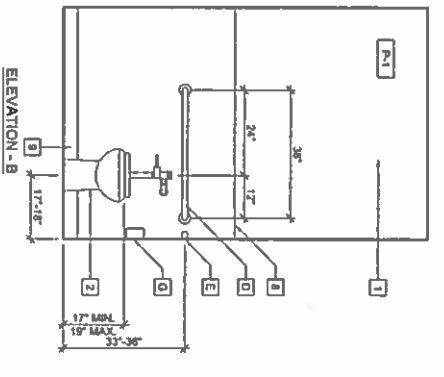
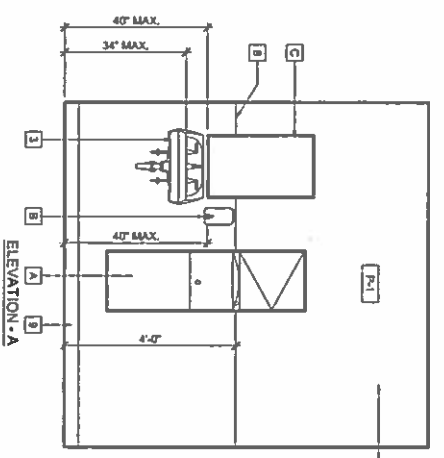


REVISIONS

NO.	DATE	DESCRIPTION
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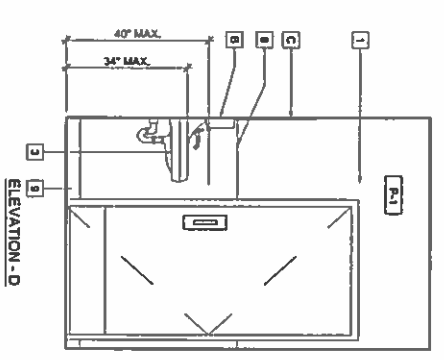
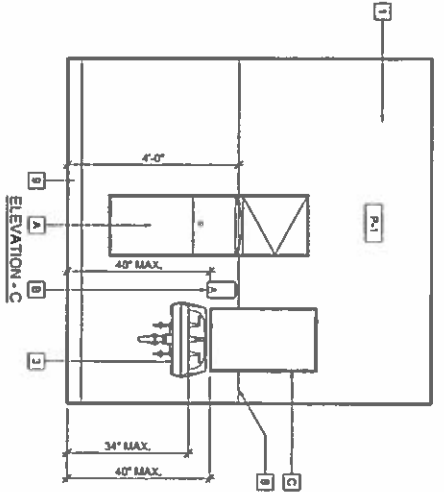
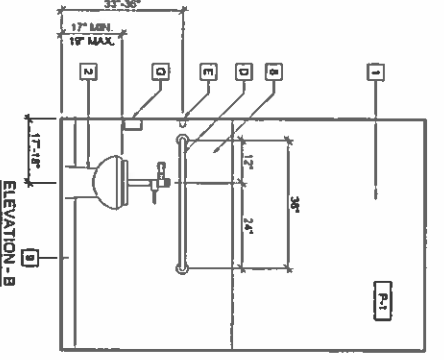
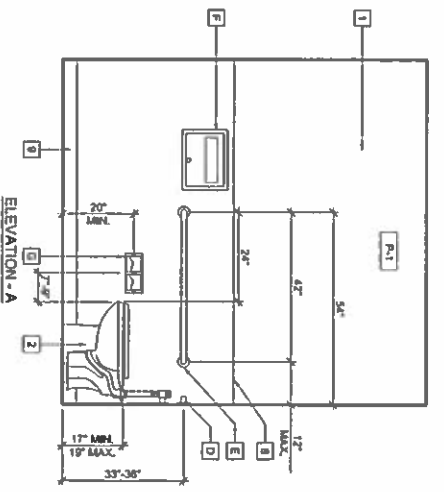
SHEET NUMBER

**A6.1**



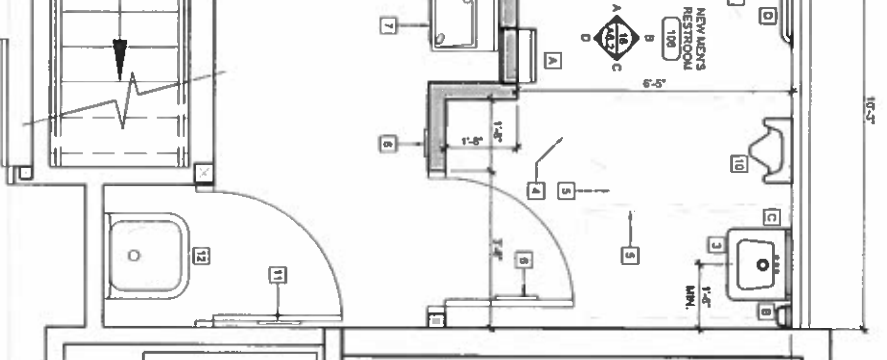
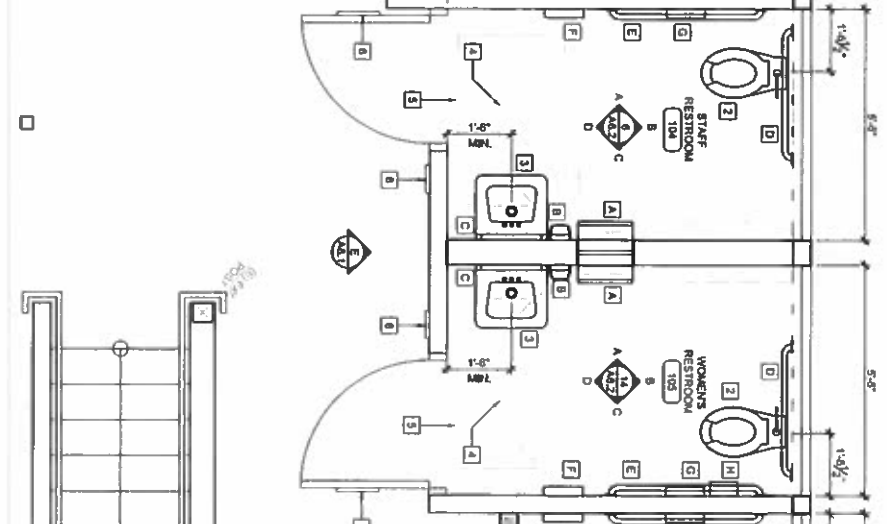
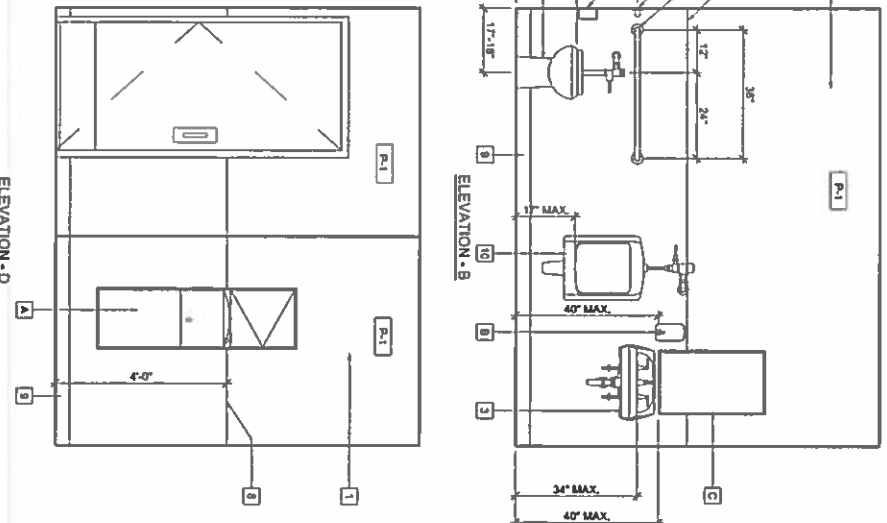
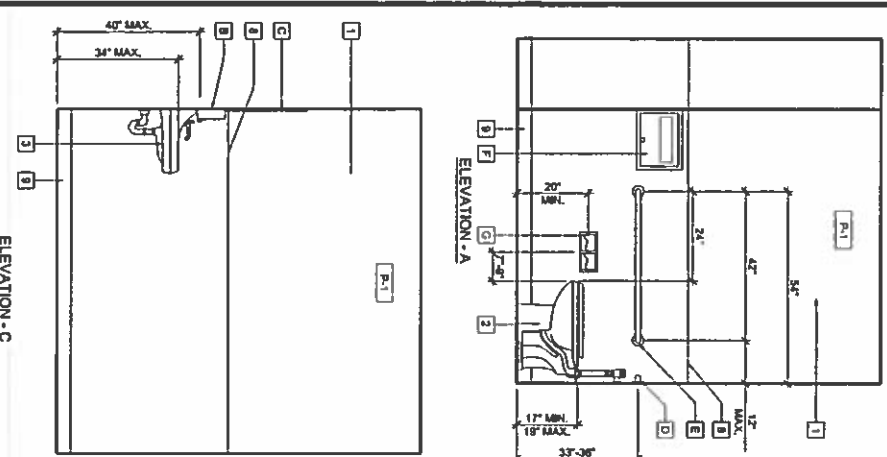
WOMEN'S RESTROOM INTERIOR ELEVATIONS

SCALE 1/2" = 1'-0"



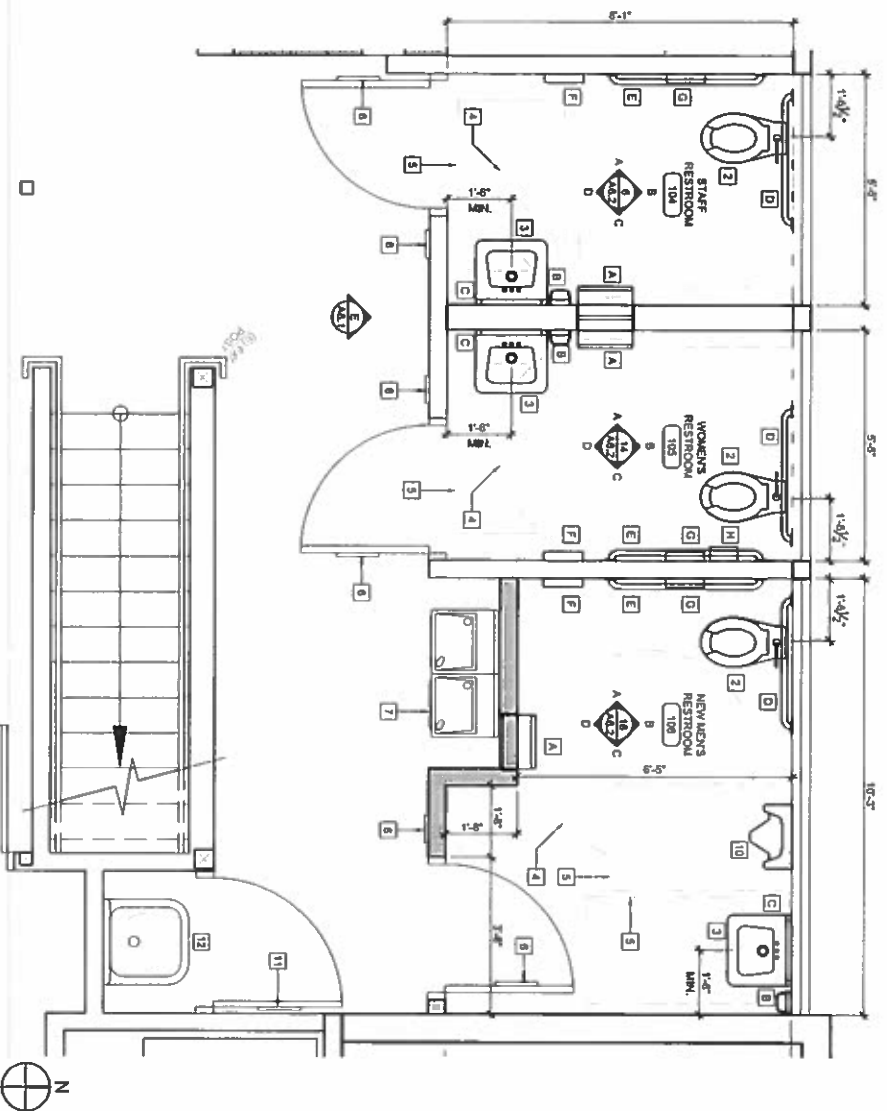
STAFF RESTROOM INTERIOR ELEVATIONS

SCALE 1/2" = 1'-0"



NEW MEN'S RESTROOM INTERIOR ELEVATIONS

SCALE 1/2" = 1'-0"



ENLARGED RESTROOMS PLAN

SCALE 1/2" = 1'-0"

GENERAL NOTES

- RESTROOMS ARE DESIGNED TO BE IN COMPLIANCE WITH HEALTH AND ACCESSIBILITY REGULATIONS. SEE SHEET 11.2.
- ANY DISCREPANCIES IN ORDERED FACILITIES ARE TO BE BROUGHT TO THE ATTENTION OF THE ARCHITECT.
- ALL FINISH DIMENSIONS ARE TO FACE OF STUD. ALL CLEARANCE DIMENSIONS ARE TO FACE OF FINISH UNLESS NOTED OTHERWISE.
- DOORWAYS LEADING TO SANITARY FACILITIES SHALL BE DERIVED WITH A GEOMETRIC SYMBOL IN COMPLIANCE WITH AIAA 118-703.7.2. SEE SHEET A/1.
- FANCT CONTROLS AND OPERATING SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING. FINISHING OR TWISTING OF THE WREST. THE FORCE REQUIRED TO ACTIVATE CONTROLS SHALL NOT BE GREATER THAN 5 LBS.
- CONTROLS FOR WATER CLOSETS IN ACCESSIBLE STALLS TO BE LOCATED ON THE WIDE SIDE.

FIXTURE SCHEDULE

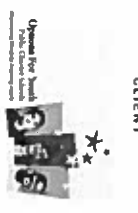
CODE	MANUF.	MODEL	DESCRIPTION
A	BOBRICK	B-394	RECESSED PAPER TOWEL DISPENSER
B	BOBRICK	B-3111	AND WASTE RECEPTACLE
C	BOBRICK	B-330	LOAD SOAP DISPENSER
D	BOBRICK	B-4891-3	STAINLESS STEEL COUNTER - FRAME
E	BOBRICK	B-4891-3	GRAB BAR - 1.57 DIA. 47 L. SATIN FINISH SMOOTH AND FINISHED COMPLETE w/ MOUNTING KIT SEE DETAIL 7/A.7.1
F	BOBRICK	B-321	SEAT COVER DISPENSER TO BE MOUNTED FLUSH WITH THE WALL
G	BOBRICK	B-2740	TOILET TISSUE DISPENSER FOR TWO ROLLS
H	BOBRICK	B-333	SANITARY WASTE DISPOSAL RECESSED WALL MOUNTED

KEYNOTES

- 1" IN 50' OVERSIGHT BOARD (MOISTURE RESISTANT) WHERE NECESSARY REFER TO WALL TYPE SCHEDULE SHEET A/1 AND FINISH SCHEDULE ON SHEET A/1
- 2 WATER CLOSET PER PLUMBING PLAN
- 3 LOCATION OF ACCESSIBLE SINK MAXIMUM 4.0' OVER WITH PIPE INSULATION SEE DETAIL 7/A.7.1 & PLUMBING PLAN
- 4 ADA 507 MINIMUM CLEARANCE
- 5 ADA 307 4" MINIMUM CLEARANCE
- 6 ADA RESTROOM DOOR SWING w/ PER 11.5/2A.1
- 7 HIGH LOW DRINKING FOUNTAIN PER 9/A.1 AND PLUMBING PLAN
- 8 WRITE PER 4/2" HIGH
- 9 4" HIGH VENT BASE
- 10 URINAL PER PLUMBING PLAN
- 11 DOOR SWING - PLUMBING PLAN
- 12 SERVICE SINK w/ WATER HEATER ABOVE PER PLUMBING PLAN



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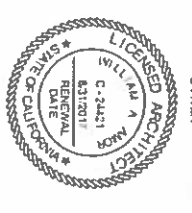


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SHEET TITLE  
 ENLARGED RESTROOMS PLAN  
 AND INTERIOR ELEVATIONS

STAMP



REVISIONS

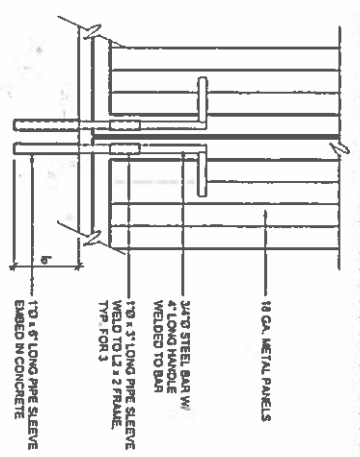
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2	02.08.16	P.C. SUBMITTAL: 01.14.16
3	02.08.16	P.C. SUBMITTAL: 02.24.16
4	02.08.16	P.C. SUBMITTAL: 03.04.16

DATE: 02.08.16  
 PROJECT NUMBER: A1394  
 SHEET NUMBER: A6.2

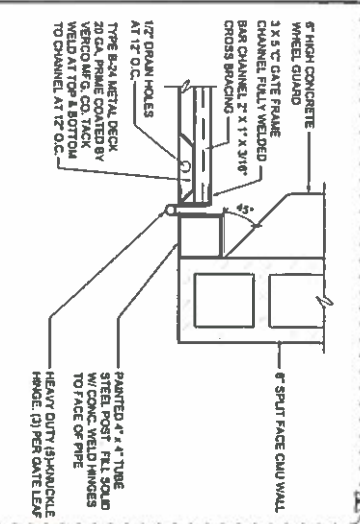




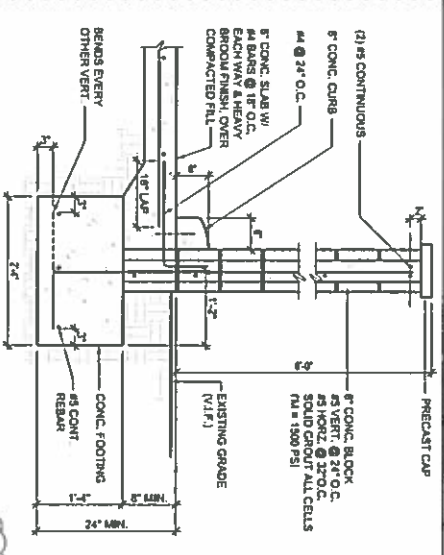
EXISTING DOORS CROSSED OUT R10, 106, 107, 112, 113, 114, 115 ONLY



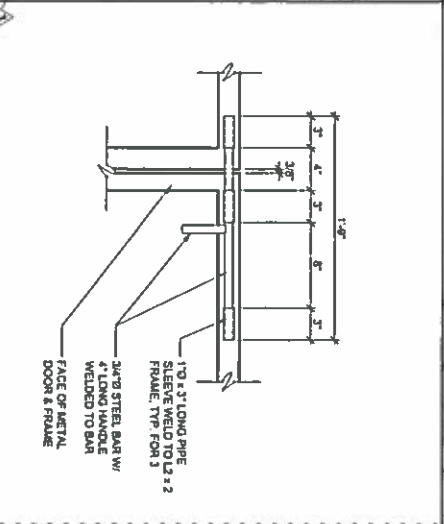
CANE BOLT  
SCALE 1 1/2\"/>



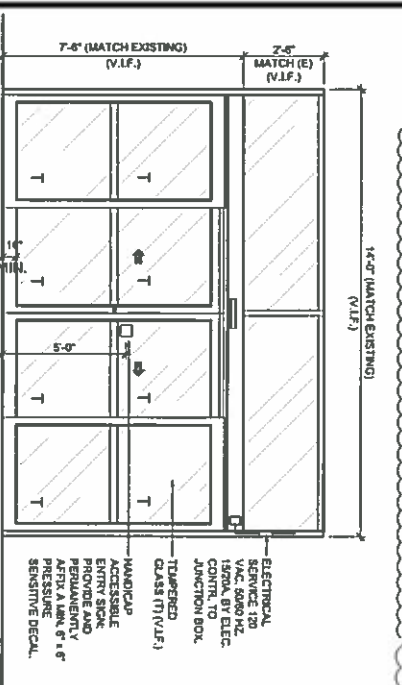
TRASH ENCLOSURE DOOR  
SCALE 1 1/2\"/>



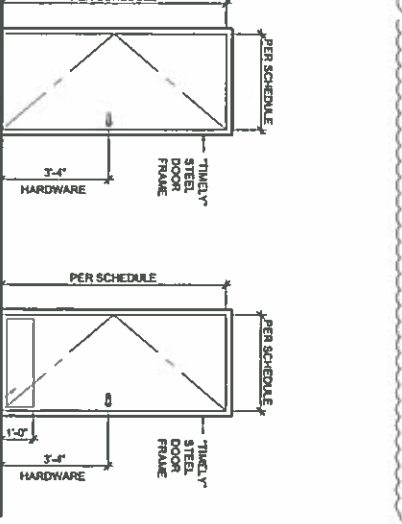
TRASH ENCLOSURE WALL  
SCALE 3/4\"/>



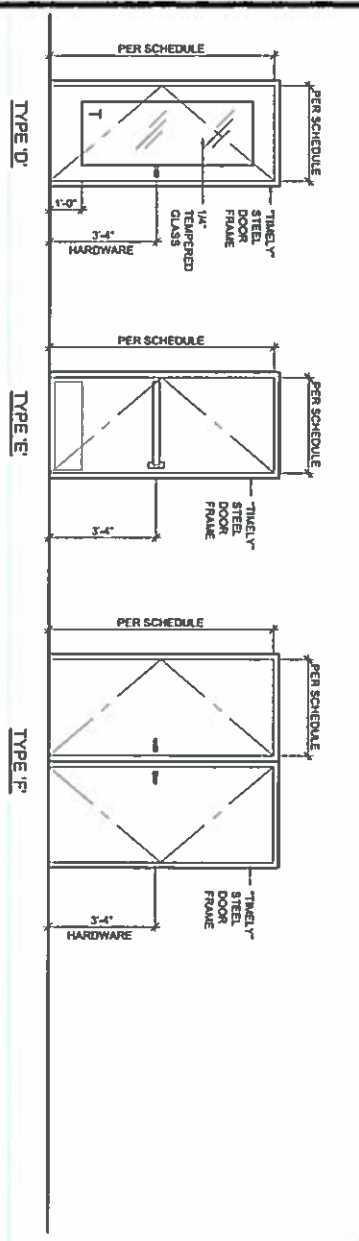
SLIDING BAR LATCH  
SCALE 1 1/2\"/>



TYPE A:  
AUTOMATICALLY OPERATED  
SLIDING BAR LATCH DOORS  
OPERATED MANUALLY  
OR ELECTRICALLY  
CONTROLLED



TYPE B:  
TYPE C:  
MANUAL



DOOR TYPES

NO.	ROOM	LOCATION	SIZE	THICK	DOOR			FRAME			SILL	REMARKS
					TYPE	MATL.	FINISH	MATL.	FINISH	HEAD		
100	LOBBY		14'-0\"/>									
101	EXISTING STORAGE		6'-0\"/>									
102	SEI LAB ROOM		6'-0\"/>									
103	BREAK ROOM		6'-0\"/>									
104	STAFF RESTROOM		6'-0\"/>									
105	WORKERS RESTROOM		6'-0\"/>									
106	NEW MEN'S RESTROOM		6'-0\"/>									
107	HALLWAY		6'-0\"/>									
108	T. CLOSET		6'-0\"/>									
109	E. ELECTRICAL CLINET		6'-0\"/>									
110	E. ELECTRICAL ROOM		10'-0\"/>									
111	OPERA AREA		10'-0\"/>									
112	SEI ROOM		10'-0\"/>									
113	SEI ROOM		10'-0\"/>									
114	SEI ROOM		10'-0\"/>									
115	RESER ROOM		10'-0\"/>									
116	JANITORS CLOSET		6'-0\"/>									

FINISH SCHEDULE

ALUM	ALUMINUM	HM	HOLLOW METAL	PRE-FIN	PRE-FINISH	TH	ALUMINUM THRESHOLD
CL	CLOSER	LN	LEVER/PULL/SET W/KEY	PT	PAINT	WD	WOOD
GL	GLASS	LS	LOCK SET	SC	SOLID CORE	WS	WALL STOP
HC	HOLLOW CORE	PB	PANIC BAR	ST	STEEL	WT	WEATHERSTRIP

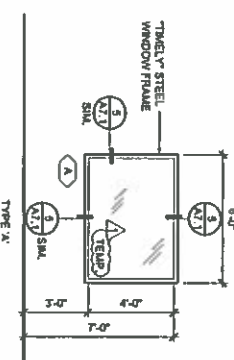
DOOR KEYNOTES

1. AUTOMATIC SLIDING DOOR INSTALL PER MANUFACTURER'S GUIDELINES. SEE GENERAL NOTE #3.
2. DOOR SUPPLIER SHALL PROVIDE AND INSTALL ALL DOOR HARDWARE.
3. INSTALL NEW OR CONFORM EXISTING PANIC HARDWARE IS FULLY OPERATIONAL. REPAIR/REPLACE EXISTING AS REQUIRED.
4. PROVIDE STAINLESS STEEL INDICATORS ON EACH SIDE OF NEW DOOR.
5. DOOR MANUFACTURER TO PROVIDE SENSORS FOR DOOR FRAME.
6. GENERAL CONTRACTOR TO VERIFY PROPER FUNCTIONING LATCHING, LOCKING, AND SEALING (WHERE APPLICABLE) OF ALL EXISTING PERSONNEL DOORS. GENERAL CONTRACTOR IS TO SERVICEMEN/ANY DOORS NOT IN PROPER OPERATING CONDITION.
7. ACCESSIBLE DOOR, PER DETAIL AND ACCESSIBLE NOTES ON SHEET 11.2. ALL HARDWARE TO BE COMPLIANT WITH SECTION 118-404.27 AND 118-208.1 WHERE FISHWALL HANDLES OR PANIC HARDWARE ARE NOT SPECIFIED. ADA COMPLIANT LEVER THE HANDLING SHALL BE USED.

GENERAL DOOR NOTES

1. CONTRACTOR TO VERIFY DOOR SCHEDULE WITH PLANS AND CONTACT ARCHITECT IN CASE OF CONFLICT. INQUIRY AVAILABILITY OR OMISSION.
2. CONTRACTOR TO FIELD VERIFY ALL DOOR OPENINGS PRIOR TO ORDERING AND INSTALLATION.
3. THE HORIZONTAL SLIDING DOORS AT THE MAIN ENTRANCE SHALL:
  - A. BE POWER OPERATED AND SHALL BE CAPABLE OF BEING OPERATED MANUALLY IN THE EVENT OF POWER FAILURE.
  - B. BE OPERABLE AND SHALL BE CAPABLE OF BEING OPERATED MANUALLY IN THE EVENT OF POWER FAILURE.
  - C. THE FORCE OF THE DOOR SHALL NOT EXCEED 30 POUNDS TO SET THE DOOR IN MOTION AND 15 POUNDS TO CLOSE THE DOOR OR OPEN IT TO THE MINIMUM REQUIRED WIDTH.
  - D. THE DOOR SHALL BE OPERABLE WITH A FORCE NOT TO EXCEED 15 POUNDS ADJACENT TO THE OPERATING DEVICE.
  - E. THE DOOR ASSEMBLY POWER SUPPLY SHALL BE ELECTRICALLY SUPERVISED.
  - F. THE DOOR ASSEMBLY SHALL HAVE AN INTEGRATED STANDBY POWER SUPPLY.
  - G. THE DOOR SHALL OPEN TO THE MINIMUM REQUIRED WIDTH WITHIN 10 SECONDS AFTER ACTIVATION OF THE OPERATING DEVICE.
  - H. CONFORM WITH 118-209 OPERABLE PARTS WHERE MANUALLY OPERATED CONTROL ARE PROVIDED. THE CLEAR FLOOR SPACE ADJACENT TO THE CONTROL SHALL BE LOCATED BEYOND THE ARC OF THE DOOR SWING.
4. RESTROOM DOORS SHALL COMPLY WITH CBC 118-218.8 AND 118-201.2.8. REFER TO DETAILS 11.2A/1.
5. BE TIGHT FITTING AND PROVIDED WITH SELF-CLOSING DEVICES.
6. EXTENSION DOORS:
  - A. BE TIGHT FITTING AND PROVIDED WITH SELF-CLOSING DEVICES.
  - B. MANUALLY ACTIVATED DOOR HARDWARE SHALL BE CENTERED BETWEEN 30 INCHES AND 44 INCHES ABOVE THE FLOOR.
7. THE BOTTOM 10 INCHES OF ALL DOORS EXCEPT AUTOMATIC AND SLIDING SHALL HAVE A NONOXYGENATED UNFINISHED SURFACE TO ALLOW THE DOOR TO BE OPERATED BY A WHEELCHAIR FOOTREST WITHOUT OPERATING A TRIP OR HAZARDOUS CONDITION. WHERE NARROW FRAME DOORS ARE USED, A 10 INCH HIGH SMOOTH PANEL SHALL BE INSTALLED ON THE PUSH SIDE OF THE DOOR, WHICH WILL ALLOW THE WHEELCHAIR FOOTREST WITHOUT OPERATING A TRIP OR HAZARDOUS CONDITION.
8. THE SWEEP PERIODS FOR DOOR CLOSERS SHALL BE ADJUSTED SO THAT FROM ANY OPER POSITION OF THE DOOR, THE DOOR WILL TAKE AT LEAST 7 SECONDS TO THE OPEN POSITION FROM 3 INCHES FROM THE LATCH ADJUSTED TO THE LEADING EDGE OF THE DOOR.
9. STRIKE PLATES SHALL BE MADE WITH A MINIMUM 18 US GAUGE STEEL BRONZE OR BRASS AND SECURED TO THE JAMB BY A MINIMUM OF TWO SCREWS OFFSET AND SPACED TO WHICH THE STRIKE PLATE IS ATTACHED.

INTERIOR WINDOW TYPE



SCALE 1/4\"/>



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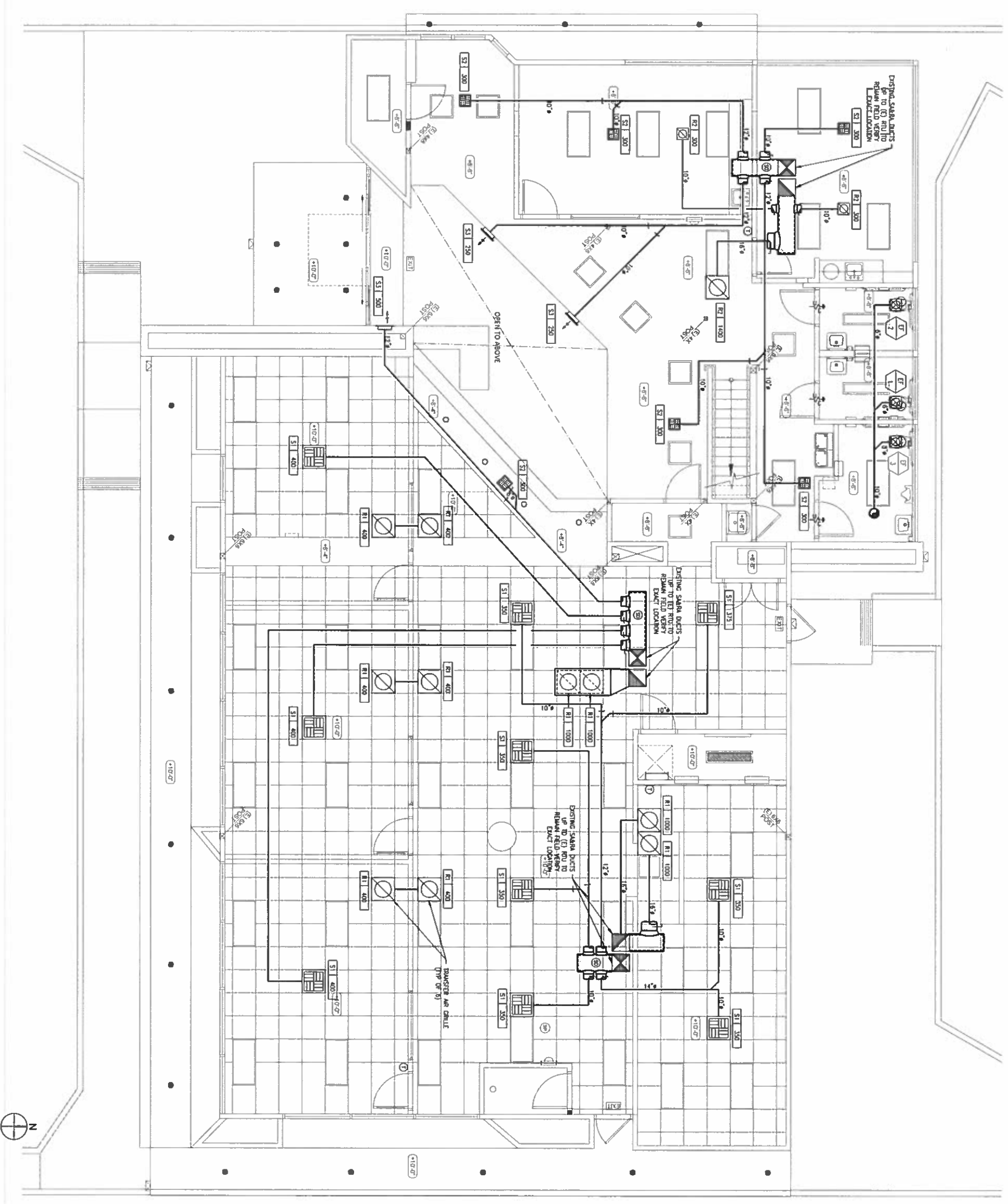
OPTIONS FOR YOUTH  
1148 E. HIGHLAND AVENUE  
SAN BERNARDINO, CA 92404  
DOOR, WINDOW AND FINISH SCHEDULES

PROJECT LOCATION  
STAMP  
SHEET TITLE

REVISIONS  
CITY SUBMITTAL: 11.12.16  
P.C. SUBMITTAL: 01.14.16  
P.C. SUBMITTAL: 02.24.16  
P.C. SUBMITTAL: 03.04.16  
DATE: 02.06.16  
PROJECT NUMBER: A134  
SHEET NUMBER: A8.1



FLOOR PLAN - MECHANICAL



KEYNOTES

- EXISTING 5 TON HVAC SYSTEM WITH ASSOCIATED MAIN DUCTS DOWN TO FIRST FLOOR TO REMAIN. FIELD VERIFY EXACT LOCATION AND SIZE.

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

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PROJECT LOCATION  
**OPTIONS FOR YOUTH**  
1148 E. HIGHLAND AVENUE  
SAN BERNARDINO, CA 92404  
SHEET TITLE  
**FLOOR PLAN  
MECHANICAL**



REGISTERED PROFESSIONAL ENGINEER  
STATE OF CALIFORNIA  
R. M. RAMROCA  
EXP. 03/31/16

REVISIONS

DATE	BY	REVISION

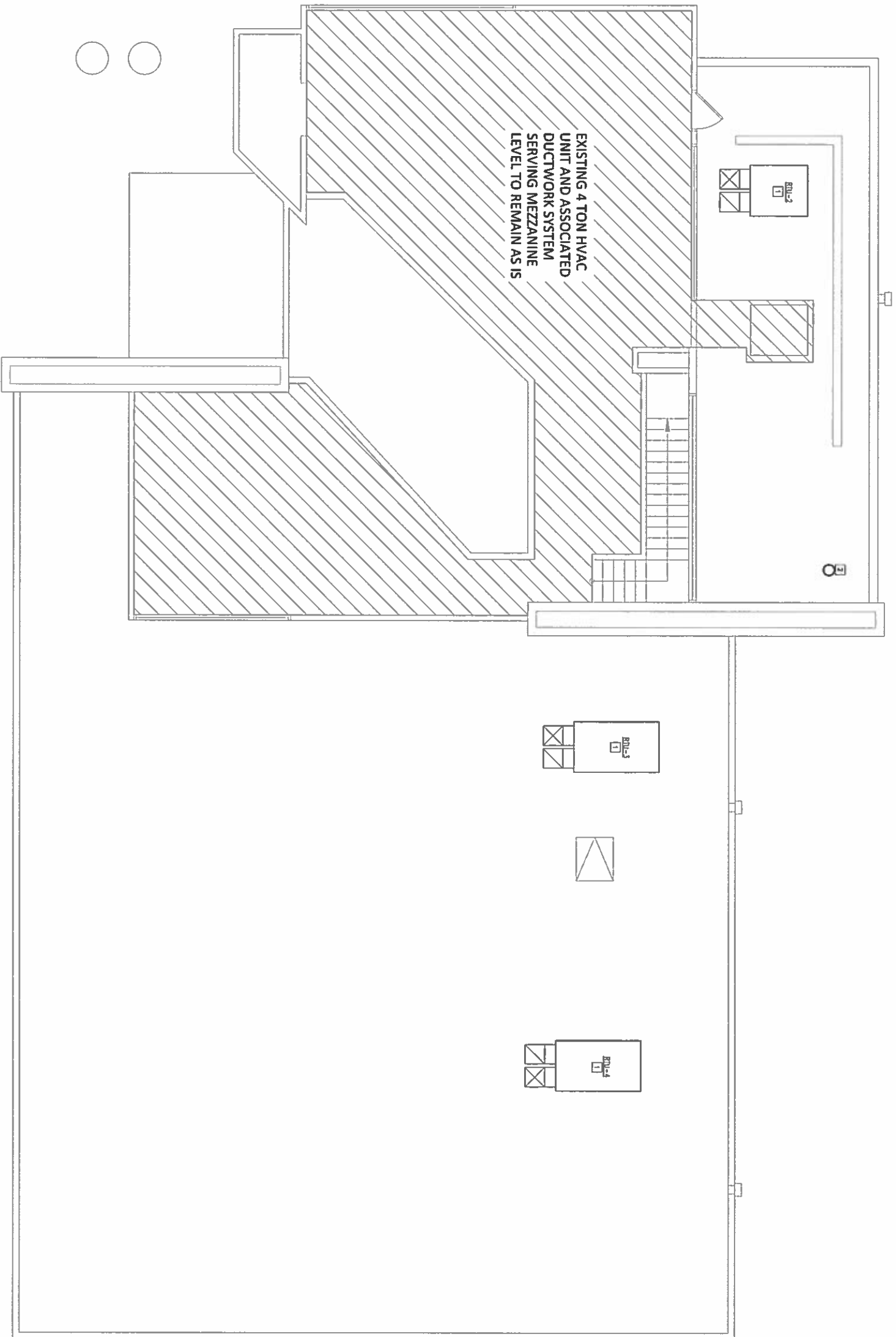
CITY SUBMITTAL: 11/21/15  
P.C. SUBMITTAL: 01/14/16

DATE: 01/14/16  
PROJECT NUMBER: 115M  
SHEET NUMBER: 1

**M1.1**

**KEYNOTES**

- 1 EXISTING 5 TON HVAC SYSTEM WITH ASSOCIATED MAIN DUCTS DOWN TO FIRST FLOOR TO REMAIN. FIELD VERIFY EXACT LOCATION AND SIZE
- 2 EXISTING 4 TON HVAC UNIT AND ASSOCIATED DUCTWORK SYSTEM SERVING MEZZANINE LEVEL TO REMAIN AS IS
- 3 EXHAUST AIR DUCT FROM RESTROOMS WITH T'OP TERMINAL



EXISTING 4 TON HVAC  
UNIT AND ASSOCIATED  
DUCTWORK SYSTEM  
SERVING MEZZANINE  
LEVEL TO REMAIN AS IS



SCALE  
1/4" = 1'-0"

1

**ROOF PLAN**

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**ROOF PLAN**

PROJECT LOCATION

STAMP

SHEET TITLE



SHEET MARKING THE MAIN AND NOT REPRODUCING OR OTHERWISE SPECIFYING ANY INFORMATION OR REVISIONS

REVISIONS

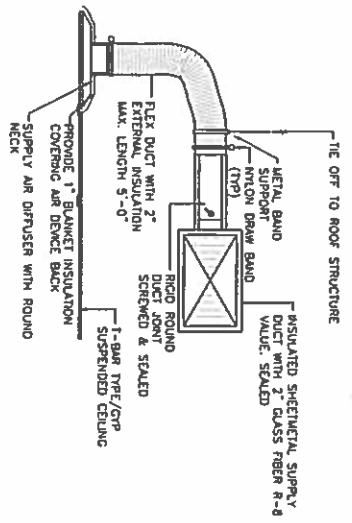
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Δ	P.C. SUBMITTAL 01.14.16
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DATE 02.28.15

PROJECT NUMBER 1505

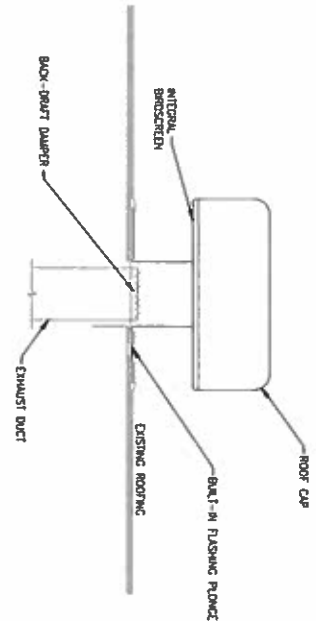
SHEET NUMBER

**M1.2**



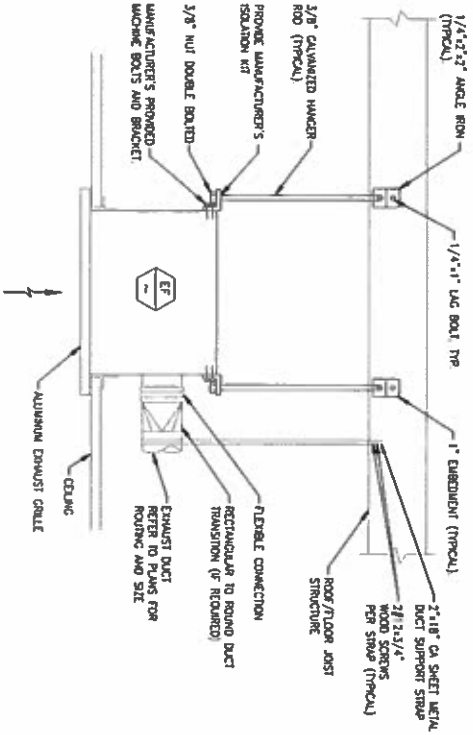
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SCALE: 1/8\"/>



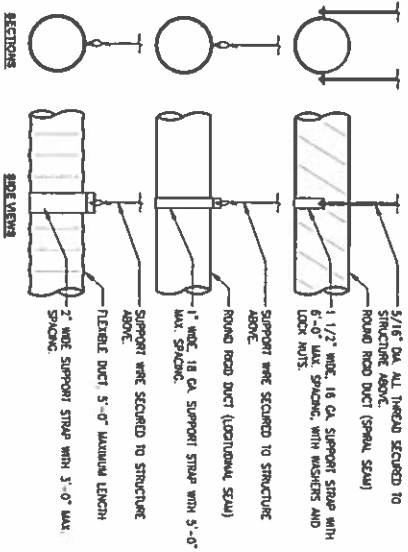
T-TOP TERMINAL DETAIL

SCALE: 1/8\"/>



EXHAUST CEILING FAN DETAIL

SCALE: 1/8\"/>



ROUND DUCT SUPPORT DETAIL

SCALE: 1/8\"/>

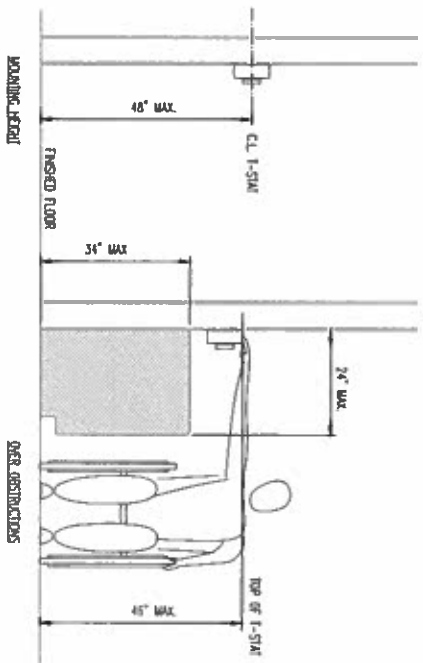
INSULATE SA AND RA DUCT ABOVE CEILING WITH 2\"/>

DIMENSION OF DUCT (INSIDE SIDES)	SHEET METAL REINFORCING AND MANHOLE REINFORCING (1)	AT JOINTS		
		MIN. IN	PLATE 3\"/>	
UP THRU 12	26	1	26	26
13 - 18	24	1	24	24
19 - 20	24	1	24	24
21 - 23	22	1	22	22

(1) TRANSVERSE REINFORCING SIZE IS DETERMINED BY DIMENSION OF SIDE TO WHICH ANGLE IS APPLIED.

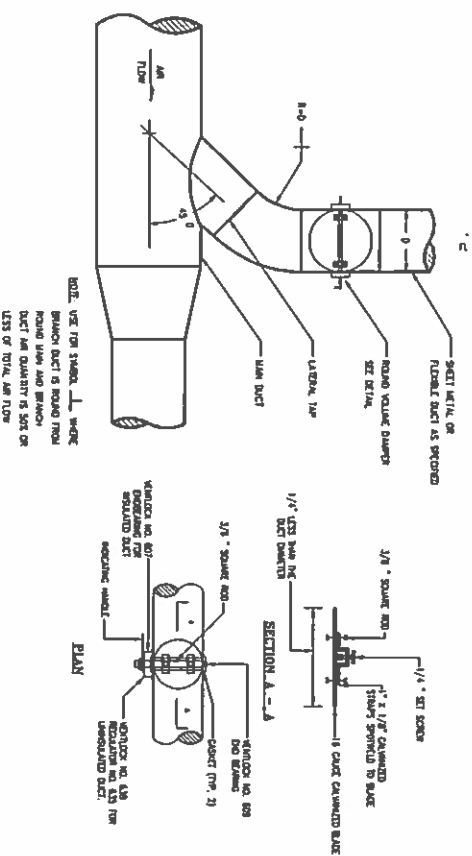
DUCT CONSTRUCTION DETAIL

SCALE: 1/8\"/>



THERMOSTAT MOUNTING HEIGHTS DETAIL

SCALE: 1/8\"/>



CIRCULAR DUCT LATERAL TAP WITH VOLUME DAMPER

SCALE: 1/8\"/>

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PROJECT LOCATION  
**OPTIONS FOR YOUTH**  
1148 E. HIGHLAND AVENUE  
SAN BERNARDINO, CA 92404

SHEET TITLE  
**DETAILS**

STAMP  
REGISTERED PROFESSIONAL ENGINEER  
No. 50589  
Exp. 03/31/16  
STATE OF CALIFORNIA  
MECHANICAL CONTRACTORS

REVISIONS

DATE	PROJECT NUMBER	SHEET NUMBER
10/28/15	MSM	9

**M2.0**

**ENVIRONMENTAL COMPONENT APPROACH**

PROJECT: 112815  
 SHEET: 112815-1  
 DATE: 02/11/16

**1. PROJECT INFORMATION**

PROJECT NAME: 112815  
 PROJECT NUMBER: 112815  
 PROJECT LOCATION: 112815

**2. ENVIRONMENTAL COMPONENT APPROACH**

ENVIRONMENTAL COMPONENT APPROACH: 112815  
 ENVIRONMENTAL COMPONENT APPROACH: 112815

**3. ENVIRONMENTAL COMPONENT APPROACH**

ENVIRONMENTAL COMPONENT APPROACH: 112815  
 ENVIRONMENTAL COMPONENT APPROACH: 112815

**4. ENVIRONMENTAL COMPONENT APPROACH**

ENVIRONMENTAL COMPONENT APPROACH: 112815  
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**5. ENVIRONMENTAL COMPONENT APPROACH**

ENVIRONMENTAL COMPONENT APPROACH: 112815  
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**6. ENVIRONMENTAL COMPONENT APPROACH**

ENVIRONMENTAL COMPONENT APPROACH: 112815  
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**7. ENVIRONMENTAL COMPONENT APPROACH**

ENVIRONMENTAL COMPONENT APPROACH: 112815  
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**8. ENVIRONMENTAL COMPONENT APPROACH**

ENVIRONMENTAL COMPONENT APPROACH: 112815  
 ENVIRONMENTAL COMPONENT APPROACH: 112815

**9. ENVIRONMENTAL COMPONENT APPROACH**

ENVIRONMENTAL COMPONENT APPROACH: 112815  
 ENVIRONMENTAL COMPONENT APPROACH: 112815

**ENVIRONMENTAL COMPONENT APPROACH**

PROJECT: 112815  
 SHEET: 112815-2  
 DATE: 02/11/16

**1. PROJECT INFORMATION**

PROJECT NAME: 112815  
 PROJECT NUMBER: 112815  
 PROJECT LOCATION: 112815

**2. ENVIRONMENTAL COMPONENT APPROACH**

ENVIRONMENTAL COMPONENT APPROACH: 112815  
 ENVIRONMENTAL COMPONENT APPROACH: 112815

**3. ENVIRONMENTAL COMPONENT APPROACH**

ENVIRONMENTAL COMPONENT APPROACH: 112815  
 ENVIRONMENTAL COMPONENT APPROACH: 112815

**4. ENVIRONMENTAL COMPONENT APPROACH**

ENVIRONMENTAL COMPONENT APPROACH: 112815  
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**5. ENVIRONMENTAL COMPONENT APPROACH**

ENVIRONMENTAL COMPONENT APPROACH: 112815  
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**6. ENVIRONMENTAL COMPONENT APPROACH**

ENVIRONMENTAL COMPONENT APPROACH: 112815  
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**7. ENVIRONMENTAL COMPONENT APPROACH**

ENVIRONMENTAL COMPONENT APPROACH: 112815  
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**8. ENVIRONMENTAL COMPONENT APPROACH**

ENVIRONMENTAL COMPONENT APPROACH: 112815  
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**9. ENVIRONMENTAL COMPONENT APPROACH**

ENVIRONMENTAL COMPONENT APPROACH: 112815  
 ENVIRONMENTAL COMPONENT APPROACH: 112815

**ENVIRONMENTAL COMPONENT APPROACH**

PROJECT: 112815  
 SHEET: 112815-3  
 DATE: 02/11/16

**1. PROJECT INFORMATION**

PROJECT NAME: 112815  
 PROJECT NUMBER: 112815  
 PROJECT LOCATION: 112815

**2. ENVIRONMENTAL COMPONENT APPROACH**

ENVIRONMENTAL COMPONENT APPROACH: 112815  
 ENVIRONMENTAL COMPONENT APPROACH: 112815

**3. ENVIRONMENTAL COMPONENT APPROACH**

ENVIRONMENTAL COMPONENT APPROACH: 112815  
 ENVIRONMENTAL COMPONENT APPROACH: 112815

**4. ENVIRONMENTAL COMPONENT APPROACH**

ENVIRONMENTAL COMPONENT APPROACH: 112815  
 ENVIRONMENTAL COMPONENT APPROACH: 112815

**5. ENVIRONMENTAL COMPONENT APPROACH**

ENVIRONMENTAL COMPONENT APPROACH: 112815  
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**6. ENVIRONMENTAL COMPONENT APPROACH**

ENVIRONMENTAL COMPONENT APPROACH: 112815  
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**7. ENVIRONMENTAL COMPONENT APPROACH**

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**8. ENVIRONMENTAL COMPONENT APPROACH**

ENVIRONMENTAL COMPONENT APPROACH: 112815  
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**9. ENVIRONMENTAL COMPONENT APPROACH**

ENVIRONMENTAL COMPONENT APPROACH: 112815  
 ENVIRONMENTAL COMPONENT APPROACH: 112815

**ENVIRONMENTAL COMPONENT APPROACH**

PROJECT: 112815  
 SHEET: 112815-4  
 DATE: 02/11/16

**1. PROJECT INFORMATION**

PROJECT NAME: 112815  
 PROJECT NUMBER: 112815  
 PROJECT LOCATION: 112815

**2. ENVIRONMENTAL COMPONENT APPROACH**

ENVIRONMENTAL COMPONENT APPROACH: 112815  
 ENVIRONMENTAL COMPONENT APPROACH: 112815

**3. ENVIRONMENTAL COMPONENT APPROACH**

ENVIRONMENTAL COMPONENT APPROACH: 112815  
 ENVIRONMENTAL COMPONENT APPROACH: 112815

**4. ENVIRONMENTAL COMPONENT APPROACH**

ENVIRONMENTAL COMPONENT APPROACH: 112815  
 ENVIRONMENTAL COMPONENT APPROACH: 112815

**5. ENVIRONMENTAL COMPONENT APPROACH**

ENVIRONMENTAL COMPONENT APPROACH: 112815  
 ENVIRONMENTAL COMPONENT APPROACH: 112815

**6. ENVIRONMENTAL COMPONENT APPROACH**

ENVIRONMENTAL COMPONENT APPROACH: 112815  
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**7. ENVIRONMENTAL COMPONENT APPROACH**

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**8. ENVIRONMENTAL COMPONENT APPROACH**

ENVIRONMENTAL COMPONENT APPROACH: 112815  
 ENVIRONMENTAL COMPONENT APPROACH: 112815

**9. ENVIRONMENTAL COMPONENT APPROACH**

ENVIRONMENTAL COMPONENT APPROACH: 112815  
 ENVIRONMENTAL COMPONENT APPROACH: 112815

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 SAN BERNARDINO, CA 92404

**TITLE 24 COMPLIANCE FORMS**

**SHEET NUMBER**

**STAMP**

**REVISIONS**

CITY SUBMITTAL: 11/24/15  
 P.C. SUBMITTAL: 01/14/16

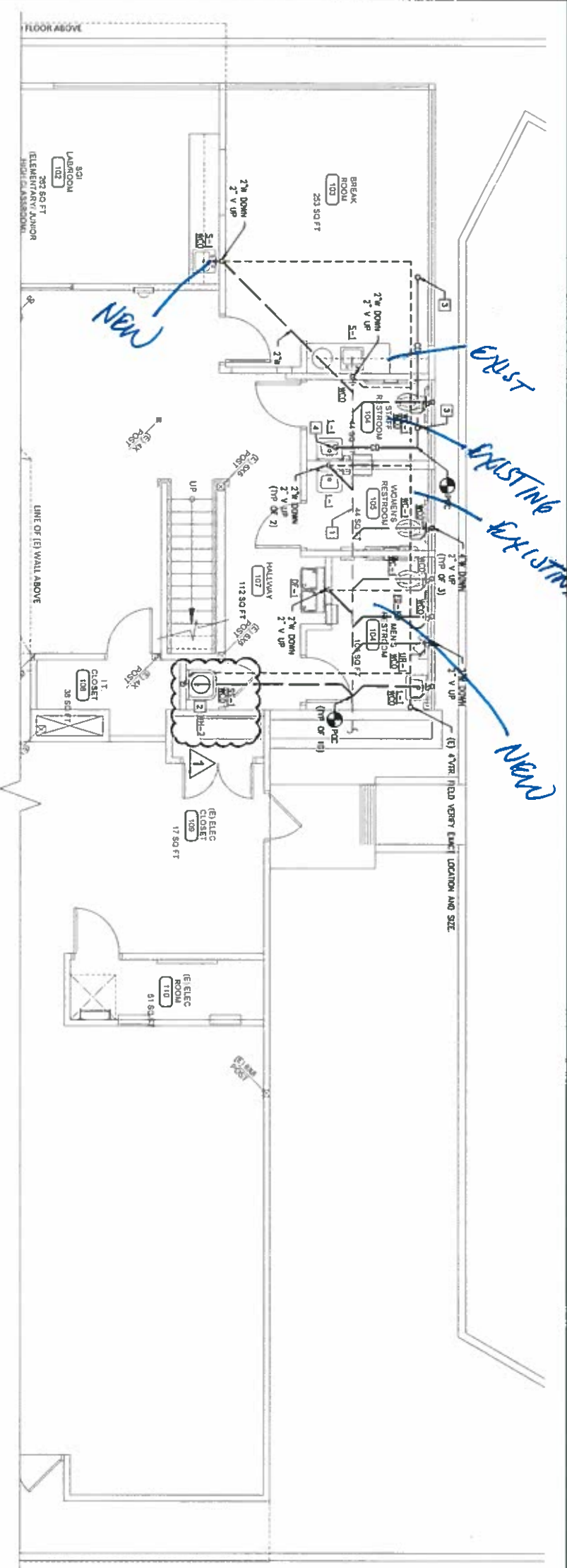
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 SHEET NUMBER: M3.0

**M3.0**



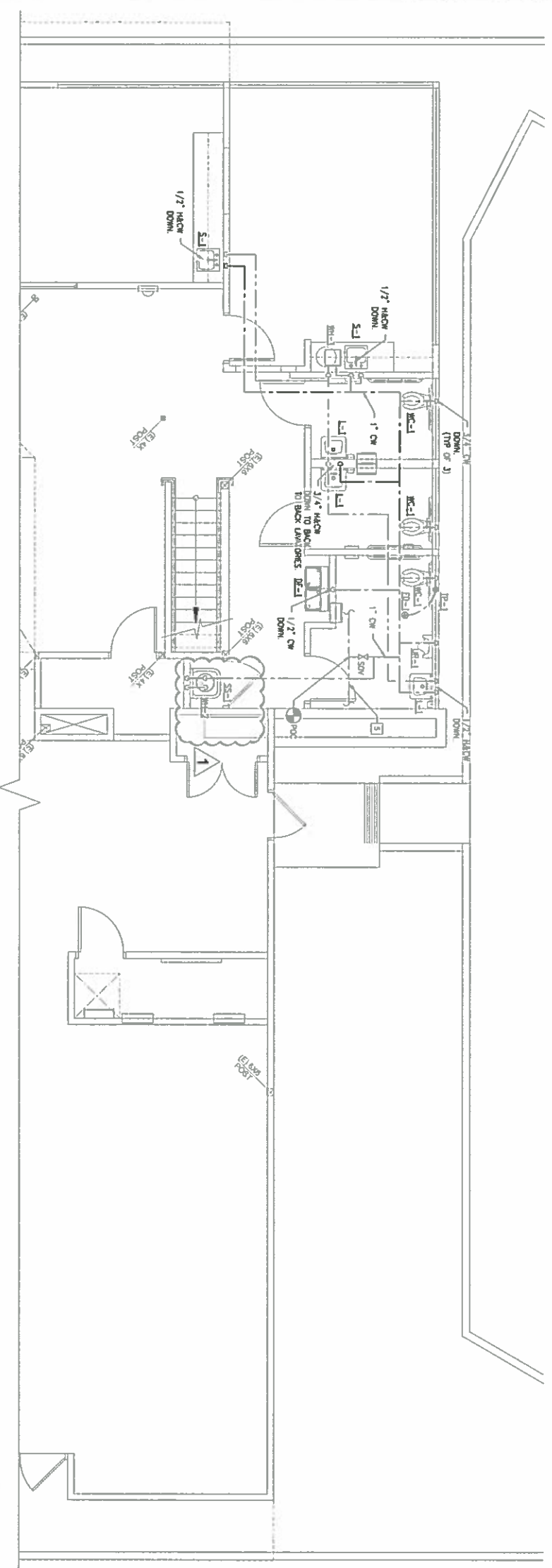


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FLOOR PLAN - WASTE & VENT

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



FLOOR PLAN - WATER

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

**KEYNOTES**

- 1 EXISTING 4" WASTE PIPE. FIELD VERIFY EXACT LOCATION, SIZE AND DEPTH.
- 2 DISCHARGE WATER HEATER PAT RELIEF DRAIN TO JUP SINK WITH LEAD AIR CAP.
- 3 EXISTING 3/4" CD DRAIN PIPE FROM ROOF. TOP UNIT.
- 4 RE-ROUTE CONDENSATE DRAIN PIPE AND CONNECT TO TAIL-PICE OF LAVATORY'S P-TRAP.
- 5 EXISTING 1" CW PIPE FIELD VERIFY EXACT LOCATION AND SIZE.

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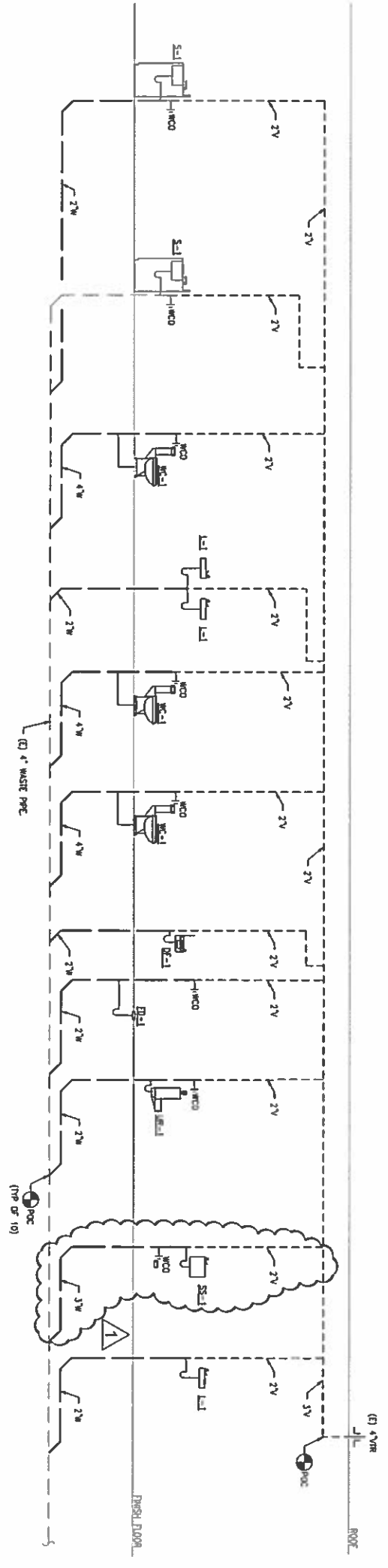
SHEET TITLE  
**FLOOR PLANS  
WASTE, VENT & WATER**



REVISIONS

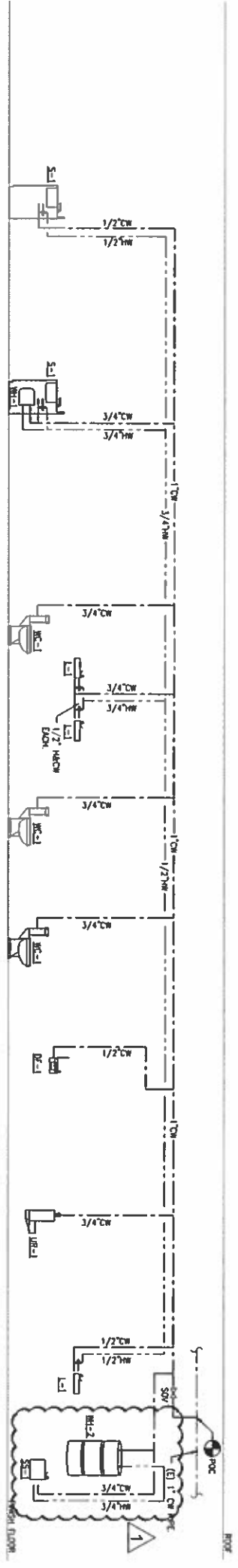
NO.	DATE	DESCRIPTION
1	10/26/15	PROJECT NUMBER A1584
2		
3		
4		
5		

SHEET NUMBER  
**P1.1**



RISER DIAGRAM - WASTE & VENT

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



RISER DIAGRAM - WATER

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



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PROJECT LOCATION  
**OPTIONS FOR YOUTH**  
1148 E. HIGHLAND AVENUE  
SAN BERNARDINO, CA 92404

SHEET TITLE  
**RISER DIAGRAMS**

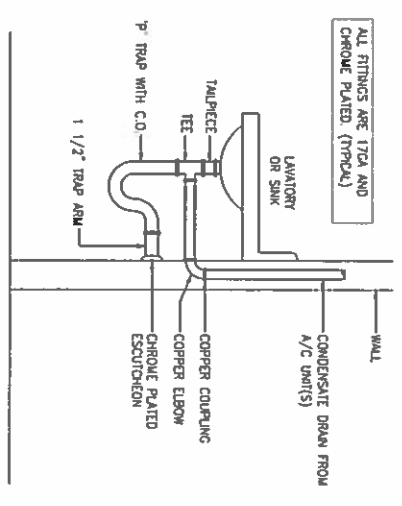
STAMP  
PROJECT LOCATION  
SHEET TITLE



REVISIONS  
CITY SUBMITTAL 11/2/15  
P.E. SUBMITTAL 01/14/16

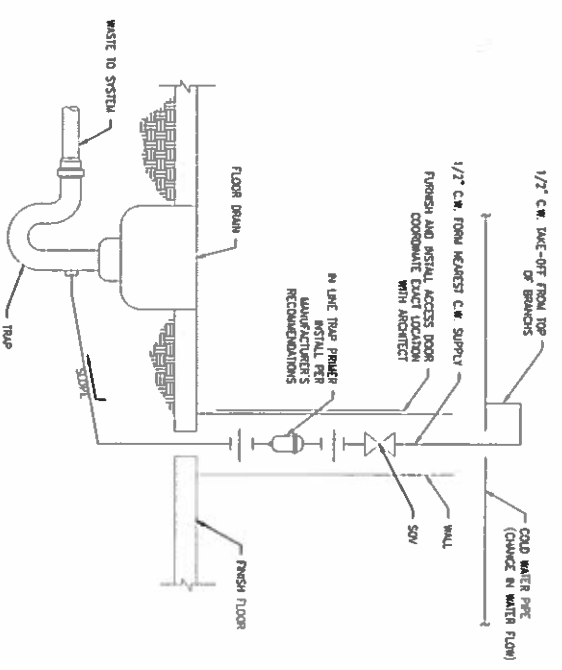
DATE 10/28/15  
PROJECT NUMBER 11/14/15  
SHEET NUMBER

**P2.0**



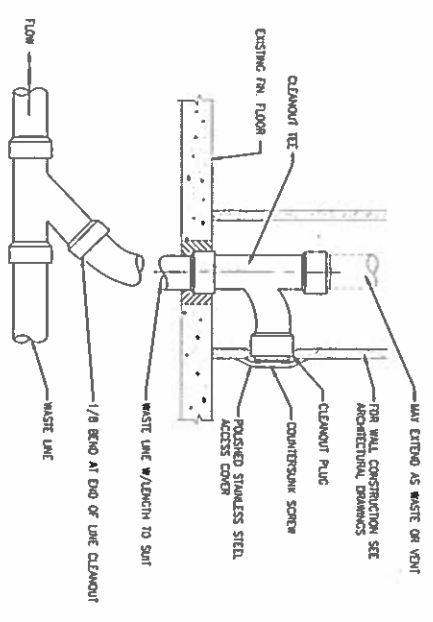
3 LAVATORY TAIL PICE DRAIN DETAIL

SCALE: 1/2\"/>



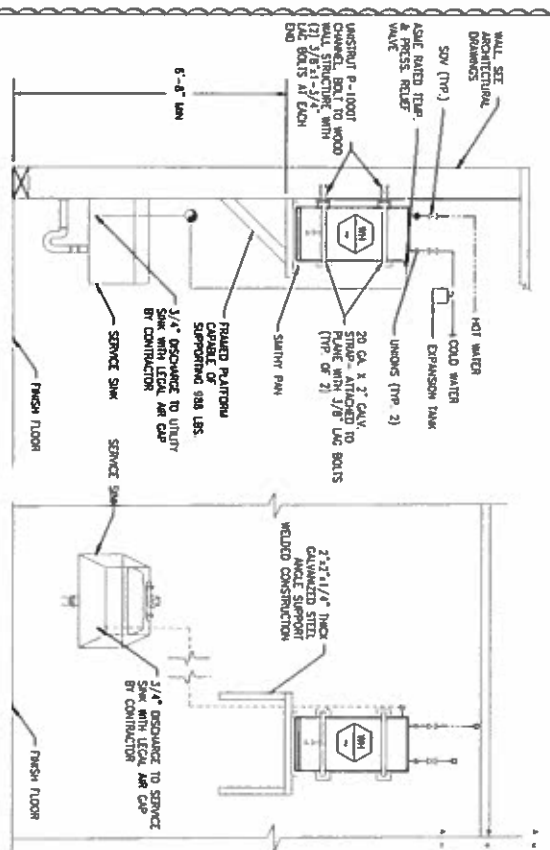
2 TRAP PRIMER AND CONNECTION TO FLOOR DRAIN

SCALE: 1/2\"/>



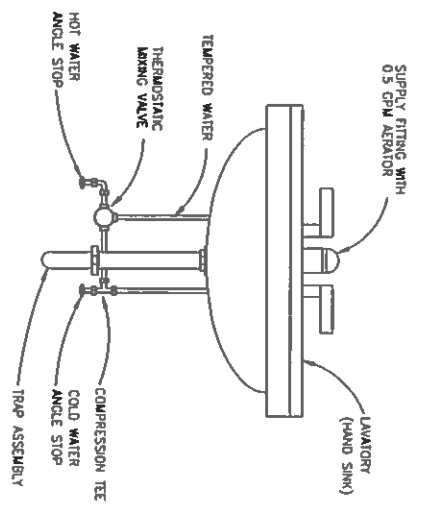
1 WALL CLEAN OUT DETAIL

SCALE: 1/2\"/>



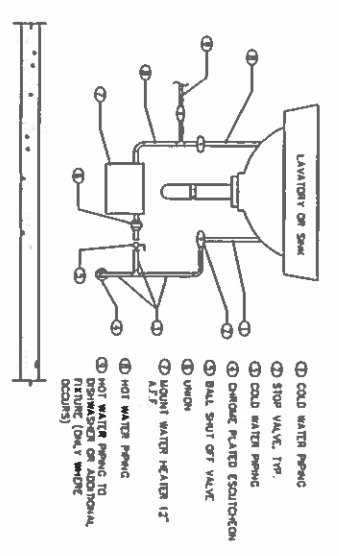
6 ELECTRIC WATER HEATER MOUNTING DETAIL

SCALE: 1/2\"/>



5 LAVATORY PIPING DETAIL

SCALE: 1/2\"/>



4 WATER HEATER DETAIL

SCALE: 1/2\"/>

NOT USED

SCALE: 1/2\"/>

NOT USED

SCALE: 1/2\"/>

NOT USED

SCALE: 1/2\"/>

**Amor**  
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PROJECT LOCATION  
**OPTIONS FOR YOUTH**  
1148 E. HIGHLAND AVENUE  
SAN BERNARDINO, CA 92404

SHEET TITLE  
**DETAILS**



REVISIONS

NO.	DATE	DESCRIPTION
1	02/28/15	PROJECT NUMBER
2	01/14/16	PROJECT NUMBER
3		
4		
5		
6		
7		
8		
9		

**P3.0**  
SHEET NUMBER

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9. REFER TO MECHANICAL CONTROL WIRING DRAWINGS FOR PIPES AND DEVICES TO BE PLUMBING, INSTALLED AND/OR CONNECTED BY ELECTRICAL CONTRACTOR FOR COMPLETE AND OPERABLE HVAC SYSTEM.
10. REFER TO PLUMBING DRAWINGS FOR PIPES AND DEVICES TO BE PLUMBING, INSTALLED AND/OR CONNECTED BY ELECTRICAL CONTRACTOR.
11. INSTALL APPROVED GROUNDBOND BUSHING AT EACH TERMINATION OF ROOF CONDUIT.
12. ALL WIRE SHALL BE NEW, COPPER, THIN OR THIN. ALL CONDUCTORS TO BE RATED AT 75 DEGREES CELSIUS U.O.M.
13. REPAIR/REPLACE AND VESSEL LABEL ALL OTHER PLATES WITH CIRCUIT AND VOLTAGE CONTAINED.
14. CONDUIT RINGS ARE SHOWN FOR CIRCULATING PURPOSES ONLY AND MAY BE WAVED IF APPROVED IN WRITING.
15. PROVIDE A MINIMUM OF 12" SEPARATION BETWEEN POWER AND TELEPHONE CONDUITS WHERE THEY ARE INSTALLED IN THE SAME TRENCH OR CROSS.
16. CONDUITS SHALL BE CLEAN OF WATER DEBRIS AND OTHER FOREIGN MATERIAL PRIOR TO PULLING CABLES.
17. ALL CONDUITS FOR FUTURE USE SHALL HAVE PULL ROPE LEFT IN PLACE.
18. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR CORRECT PHYSICS OF THE SWITCH CIRCUITS OF THE ELECTRICAL PANELS.
19. ALL WORK SHALL COMPLY WITH 2013 CALIFORNIA ELECTRICAL CODE.
20. ALL ELECTRICAL EQUIPMENT OUTDOORS SHALL BE WEATHERPROOF.
21. IT IS THE INTENT OF THESE DRAWINGS THAT THIS BE A COMPLETE ELECTRICAL JOB. ANY DISCREPANCIES OR OMISSIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO BEING THIS JOB IN ORDER TO BE CONSIDERED FOR A CHANGE ORDER.
22. ALL CIRCUIT BREAKERS IN PANELS SHALL BE RATED TO WITHSTAND THE AVAILABLE FAULT CURRENT.
23. ELECTRICAL CONTRACTOR TO VERIFY IN FIELD THE MOST FEASIBLE WAY OF ROUTING AND CORRECTING HOLE RINGS AND PERFORM REPAIRS AS NECESSARY.
24. ALL ELECTRICAL PANELS LOCATED ON THE MICHEN COUNTER AND BATH SHOULD BE EQUIPPED WITH GROUND FAULT INTERRUPTER DEVICE U.O.M.
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30. GUESSES FOR WATERS AND AIR EXHAUSTING EQUIPMENT DECK AND PENETRATIONS SHALL BE SUBMITTED TO THE OWNER (25%) AND PER-8 (50%) PRIOR TO ALL TESTS SHALL BE PROVIDED WITH REDLINES THE FINE HOLDER.
31. ELECTRICAL EQUIPMENT SHALL BE LISTED BY A CITY OF SAN BERNARDINO APPROVED ELECTRICAL TESTING LABORATORY ON APPROVED BY THE ENGINEER.
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33. DO NOT OPERATE ANY EQUIPMENT OR PROPERTY ANY WORK OVER 5000 VOLTS. TOTAL VALUE ON THE JOB UNTIL THE COMPLETION OF THE PLAN CHECK APPROVAL PROCESS AND OBTAINING OF ALL REQUIRED PERMITS. INSTALLATION OF ANY EQUIPMENT WITHOUT VALID PERMITS, WHEN REQUIRED, IS A VIOLATION OF THE CODE.
34. UNDER THE STATE OF CALIFORNIA CONTRACTING STATE LICENSE BOARD REGULATIONS, ALL CONTRACTORS ARE REQUIRED TO ADHERE TO THE LOCAL CODES AND LAWS WITHOUT EXCEPTION.
35. ELECTRICAL CONTRACTOR TO OBTAIN ARCHITECTURAL/OWNER APPROVAL OF ALL LIGHTING FIXTURES SPECIFIED FOR THE PROJECT PRIOR TO ORDERING.
36. ELECTRICAL CONTRACTOR TO PROVIDE 47' CLEARANCE IN FRONT OF ANY ELECTRICAL EQUIPMENT RATED ABOVE 250 V (277/480 V SYSTEM), AND 30' V CLEARANCE IN FRONT OF ANY ELECTRICAL EQUIPMENT RATED BELOW 250 V (120/208 V AND 120/240 V SYSTEMS). ELECTRICAL CONTRACTOR IS TO PROVIDE 4' CLEARANCE IN FRONT OF ALL ELECTRICAL EQUIPMENT AS REQUIRED BY CODE FOR PROPER MAINTENANCE.

37. ELECTRICAL CONTRACTOR IS TO COMPLY WITH THE LATEST HANDBOOKED REGULATIONS RELATED TO THE FIELD OF THE OUTLETS, SWITCHES AND CONDUITS.
38. ALL WORK SHALL BE IN COMPLETE COMPLIANCE.
39. ALL EQUIPMENT SHALL BE PROVIDED WITH GREEN INSULATED NO SPARK, DUCTS OF EQUIPMENT ROOMS TO ELECTRICAL EQUIPMENT SHALL BE PROVIDED TO BE LOCATED WITHIN THE SPACE ABOVE THE ELECTRICAL EQUIPMENT.
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STATE OF CALIFORNIA CERTIFICATE OF COMPLIANCE INDOOR LIGHTING	DATE OF COMPLETION 11/14/2013	PROJECT NAME OPTION FOR YOUTH	PROJECT LOCATION 1148 E. HIGHLAND AVENUE SAN BERNARDINO, CA 92404																														
<p>1. General Information</p> <p>Building Type: <input type="checkbox"/> Nonresidential <input type="checkbox"/> High-Rise Residential <input type="checkbox"/> Yearly/Event</p> <p><input type="checkbox"/> School <input type="checkbox"/> Recreational Public Schools <input type="checkbox"/> Commercial Space <input type="checkbox"/> Unimproved Spaces</p> <p>Phase of Construction: <input type="checkbox"/> New Construction <input type="checkbox"/> Addition <input type="checkbox"/> Alteration</p> <p>Method of Compliance: <input type="checkbox"/> Complete Building <input type="checkbox"/> Area Category <input type="checkbox"/> Tabular</p>	<p>2. Unimproved Spaces</p> <p>Conditioned Floor Area: 4,235</p> <p>Unimproved Floor Area: _____</p>	<p>3. Tabular Compliance</p> <table border="1"> <thead> <tr> <th>Room</th> <th>Area (sq. ft.)</th> <th>Compliance Method</th> </tr> </thead> <tbody> <tr> <td>1. PORTABLE LIGHT FIXTURES</td> <td>0</td> <td>Method 1 (per 110.1)</td> </tr> <tr> <td>2. RECESSED LIGHT FIXTURES</td> <td>0</td> <td>Method 2 (per 110.2)</td> </tr> <tr> <td>3. ADJUSTED INSTALLED LIGHTING POWER</td> <td>3,884</td> <td>Method 3 (per 110.3)</td> </tr> <tr> <td>4. ADJUSTED INSTALLED LIGHTING POWER</td> <td>3,884</td> <td>Method 4 (per 110.4)</td> </tr> </tbody> </table>	Room	Area (sq. ft.)	Compliance Method	1. PORTABLE LIGHT FIXTURES	0	Method 1 (per 110.1)	2. RECESSED LIGHT FIXTURES	0	Method 2 (per 110.2)	3. ADJUSTED INSTALLED LIGHTING POWER	3,884	Method 3 (per 110.3)	4. ADJUSTED INSTALLED LIGHTING POWER	3,884	Method 4 (per 110.4)	<p>4. Summary of Allowed Lighting Power</p> <table border="1"> <thead> <tr> <th>Room</th> <th>Area (sq. ft.)</th> <th>Power (Watts)</th> </tr> </thead> <tbody> <tr> <td>1. PORTABLE LIGHT FIXTURES</td> <td>0</td> <td>0</td> </tr> <tr> <td>2. RECESSED LIGHT FIXTURES</td> <td>0</td> <td>0</td> </tr> <tr> <td>3. ADJUSTED INSTALLED LIGHTING POWER</td> <td>3,884</td> <td>3,884</td> </tr> <tr> <td>4. ADJUSTED INSTALLED LIGHTING POWER</td> <td>3,884</td> <td>3,884</td> </tr> </tbody> </table>	Room	Area (sq. ft.)	Power (Watts)	1. PORTABLE LIGHT FIXTURES	0	0	2. RECESSED LIGHT FIXTURES	0	0	3. ADJUSTED INSTALLED LIGHTING POWER	3,884	3,884	4. ADJUSTED INSTALLED LIGHTING POWER	3,884	3,884
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- OUTLETS**
- DUPLEX RECEPTACLE (120 VOLTS)
  - RECEPTACLE (250 VOLTS)
  - RATING AS SHOWN ON DRAWING
  - WEATHERPROOF RECEPTACLE
  - GROUND FAULT RECEPTACLE INSTALLATION
  - DUPLEX RECEPTACLE CONNECTED TO A GFCI PROTECTED CIRCUIT
  - DOUBLE DUPLEX RECEPTACLE
  - FLUSH FLOOR RECEPTACLE DUPLEX
  - TELEPHONE OUTLET, RUN 3/4" C.O. UP TO ABOVE ACCESSIBLE CEILING, COMPUTER OUTLET, RUN 3/4" C.O. UP TO ABOVE ACCESSIBLE CEILING.
  - CEILING JUNCTION BOX
  - JUNCTION BOX FOR FUTURE USE
  - WALL JUNCTION BOX
  - VOLUBLE KNOB
- SWITCHES**
- MANUAL MOTOR STARTER (HP RATED)
  - SINGLE-POLE SWITCH
  - SINGLE-POLE SWITCH W/PILOT LIGHT
  - THREE-WAY SWITCH
  - FOUR-WAY SWITCH
  - WEATHERPROOF SWITCH
  - LOWER CASE SUBSCRIPT LETTER INDICATES FIXTURE CONTROLLED
  - INCANDESCENT DIMMER SWITCH
  - MECHANICAL
  - CEILING EXHAUST FAN (1/2 HP U.O.M.)
  - PUSHBUTTON
  - CONTROL
  - THERMOSTAT (line voltage U.O.M. furnished by M/C U.O.M.)
- ABBREVIATIONS**
- UON UNLESS OTHERWISE NOTED
  - V. VERIFY LOCATION
  - WP WEATHERPROOF
- INDICATES FIXTURE TYPE**
- INDICATES FIXTURE WATTAGE**

**SCOPE OF WORK**

THE SCOPE OF WORK IS TO REMODEL FIRST FLOOR OF THE EXISTING TWO STORY BUILDING AND PROVIDE LIGHTING AND POWER, INCLUDING TITLE-24, LIGHTING ENERGY REQUIREMENTS.

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**CLIENT**

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**CONSULTANT**

**NATIONAL ARCHITECTURE & CONSULTING, INC.**  
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**PROJECT LOCATION**  
1148 E. HIGHLAND AVENUE  
SAN BERNARDINO, CA 92404

**SHEET TITLE**  
GENERAL NOTES, SYMBOL LISTS AND TITLE 24 FORMS

**STAMP**

**REVISIONS**

NO.	DATE	DESCRIPTION
1	10/28/13	PROJECT NUMBER
2	11/14/13	DATE
3		SHEET NUMBER

**E1.1**





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CA Electrical Power Commission  
NCEC-ELC-01-E  
(Page 3 of 9)

CA Building Energy Efficiency Standards - 2013 Nonresidential Compliance

Project Address: 1148 E. Highland Ave., San Bernardino, CA 91704  
 Change Year: 15  
 Unamplified Floor Area: \_\_\_\_\_

General Information  
 Building Type:  Residential  Non-Residential  Mixed-Use  
 Existing  Renovation/Remodel  Construction/Expansion  
 Power Construction:  New Construction  Addition  Alteration

**A. Electrical Service Metering**  
 Each separately metered electrical service for both existing and newly constructed buildings is required to be metered in accordance with Table 12B1.5-A, which is reproduced below.  
 If not a separate line for each electrical service that is connected to the building.

Electrical Service Schedule	Electrical Service Metering	Metering Configuration (must all be approved)					Final Inspector
		A	B	C	D	E	
Dependent/Exclusive to Building/Alteration	N/A	1W demand	Instantaneous	Continuous peak	15 min	Hourly	Pass

June 2014

CA Electrical Power Commission  
NCEC-ELC-01-E  
(Page 3 of 9)

CA Building Energy Efficiency Standards - 2013 Nonresidential Compliance

**B. Disaggregation of Electrical Circuits**  
 Each newly installed switchboard, panel, and meter control center (in both existing and newly constructed buildings) is required to be disaggregated according to the measurements of Table 12B1.5-B, shown on the next page.  
 Individual branch circuits, lines or disconnects that require emergency maintenance devices must be 60A or greater in ampacity.  
 As an alternative, current transformers can be added for individual branch circuits and loads throughout the building, and permanent monitoring systems can be installed. In this case, disaggregated wiring must not be required to be in the metering system above the equipment disaggregated measurement.  
 If not a separate line for each switchboard, meter control center, panelboard and sub-panel.

Switchboard, meter control center, panelboard or sub-panel, meter control center, panelboard or sub-panel	Electrical Service load supplied to switchboard or panel	Electrical Service Rating		Final Inspector
		A	B	
Disaggregated location is under development	Disaggregated location is building/alteration in progress	N/A	N/A	Pass

June 2014

CA Electrical Power Commission  
NCEC-ELC-01-E  
(Page 5 of 9)

CA Building Energy Efficiency Standards - 2013 Nonresidential Compliance

**B. Disaggregation of Electrical Circuits (continued)**

Table 12B1.5-B: Minimum requirements for separation of electrical loads

Lead Type	Service rated 200VA or less	Service rated more than 200VA and less than or equal to 250VA	Service rated more than 250VA and less than or equal to 500VA	Service rated more than 500VA
Lighting including exit and egress lighting and motor	Not required	All lighting in aggregate	All lighting in aggregate	All lighting in aggregate
HVAC systems and equipment	Not required	All HVAC in aggregate	All HVAC in aggregate	All HVAC in aggregate
Other electrical non-HVAC loads or appliances rated 250VA or greater	Not required	All loads in aggregate	All loads in aggregate	All loads in aggregate
Industrial and commercial loads (more than 15 kVA or greater)	Not required	All loads in aggregate	All loads in aggregate	All loads in aggregate
Receptacles (more than 15 kVA or greater)	Not required	All loads in aggregate	All loads in aggregate	All loads in aggregate
Removable power source (not a load)	Not required	All loads in aggregate	All loads in aggregate	All loads in aggregate
Loads associated with charging stations for electric vehicles	Not required	All loads in aggregate	All loads in aggregate	All loads in aggregate

Footnote: Feeder conductors shall be sized for a minimum voltage drop of 3 percent at design load.  
 Branch Circuits: Branch circuit conductors shall be sized for a maximum voltage drop of 3 percent at design load.

**C. Voltage Drop**

- Attach voltage drop worksheets to the form.
- Field inspector has discretion to approve the worksheets; the table shows values in this section are advisory only.
- Feeder conductors and branch circuits that are dedicated to emergency services are exempt from these requirements.
- An advisory table of typical power factors is shown below.

**1. THE LIGHTING CIRCUIT IS EXISTING.**  
**2. MAXIMUM VOLTAGE DROP FOR NEW OUTLETS IS AS FOLLOWS:**  
**MAX VOLTAGE DROP FOR 80' LENGTH, 15A 120V CIRCUIT IS 2.5% WITH #12 AWG.**

Final Inspector	Pass	Fail
	<input type="checkbox"/>	<input type="checkbox"/>

June 2014

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**TITLE 24 FORMS**

PROJECT LOCATION

SHEET TITLE

STAMP

PROJECT NUMBER: A1544

SHEET NUMBER: E1.4

Compliance based on Chapter 4, Title 23, Electrical Power System for Voltage Drop Calculations

Load Type	Demand Power Factor at 100 volts	Predicted Power Factor at 277 volts	Compliance Status
Fluorescent Lighting	0.85	0.95	
General Purpose Lighting	0.85 (CAL-24)	0.95 (CAL-24)	Not required unless per CAL-24 when power factor drives
LED Lighting	0.7	0.8	May be higher if specifications call for higher power factor drives
Incandescent Lighting	1.0	1.0	
LED Lighting	0.9	0.9	May be higher if specifications call for higher power factor drives
Other loads	0.8	0.8	
Other motors < 1 HP	0.8	0.8	
Other motors > 1 HP	0.85	0.85	
Other equipment	0.8	N/A	
Receptacles	0.8	N/A	For dedicated receptacles, may be tested according to the field
Transformer loading (including the source)	1.0	1.0	
OTHER	0.85	0.85	

STATE OF CALIFORNIA  
 ELECTRICAL POWER DISTRIBUTION  
 CERTIFICATE OF COMPLIANCE  
 (Page 8 of 9)  
 Project Name: CALIFORNIA ENERGY COMMISSION  
 Project Number: 13-154-01-E  
 Date: 11/16/2015

- D. Circuit Breakers for 120-Volt Receptacles**
- Circuit Breakers shall be provided, as required by Section 120.561 of the Standards.
  - In open office areas, circuit breakers shall be provided for each workstation and each workstation is equipped with an assigned receptacle that is permanently mounted in each workstation, and which contains a handbook, non-ferrous metal pen, flag or strips and other things in electrical receptacles that incorporate an occupant sensor that can be used for the exception.
- E. Receptacles that are only for the following purposes are exempt:**
- Receptacles specifically for refrigerators and under drawers in laboratories.
  - Receptacles located in rooms of the floor above the floor that are specifically for data.
  - Receptacles for network servers, for routers, A/V and other equipment other than personal computers or copy rooms.
- | Item                                                                                                                                                                                                                                                                                                                                                                                                                                  | Found                    | Not Found                |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|--------------------------|
| 1. At least one certified receptacle is provided in each workstation, or other assigned office space.                                                                                                                                                                                                                                                                                                                                 | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. In open office areas, circuit breakers shall be provided for each workstation and each workstation is equipped with an assigned receptacle that is permanently mounted in each workstation, and which contains a handbook, non-ferrous metal pen, flag or strips and other things in electrical receptacles that incorporate an occupant sensor that can be used for the exception.                                                | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Receptacles that are only for the following purposes are exempt:<br><ul style="list-style-type: none"> <li>Receptacles specifically for refrigerators and under drawers in laboratories.</li> <li>Receptacles located in rooms of the floor above the floor that are specifically for data.</li> <li>Receptacles for network servers, for routers, A/V and other equipment other than personal computers or copy rooms.</li> </ul> | <input type="checkbox"/> | <input type="checkbox"/> |

**DOCUMENTATION AUTHORITY'S DECLARATION STATEMENT**

I, Authority, hereby certify that I am a duly licensed and qualified professional engineer and I hereby certify that I have reviewed the information submitted to me and I have determined that the information submitted to me is true and accurate and that the information submitted to me is in compliance with the requirements of the California Code of Regulations, Title 24, Part 1 and Part 5 of the California Code of Regulations.

**DECLARATION STATEMENT**

I, Authority, hereby certify that I am a duly licensed and qualified professional engineer and I hereby certify that I have reviewed the information submitted to me and I have determined that the information submitted to me is true and accurate and that the information submitted to me is in compliance with the requirements of the California Code of Regulations, Title 24, Part 1 and Part 5 of the California Code of Regulations.

Authority: **ALAN BERTAL**  
 Title: **REGISTERED ELECTRICAL ENGINEER**  
 License No: **54371**  
 Date: **11/16/2015**

Code	Description	Action
1	REVISIONS	
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3	REVISIONS	
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5	REVISIONS	
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 SHEET TITLE  
**TITLE 24 FORMS**

REVISIONS  
 CTR SUBMITTAL 11.12.15  
 P.C. SUBMITTAL 01.14.16  
 DATE 10.28.15  
 PROJECT NUMBER A1384  
 SHEET NUMBER **E1.5**

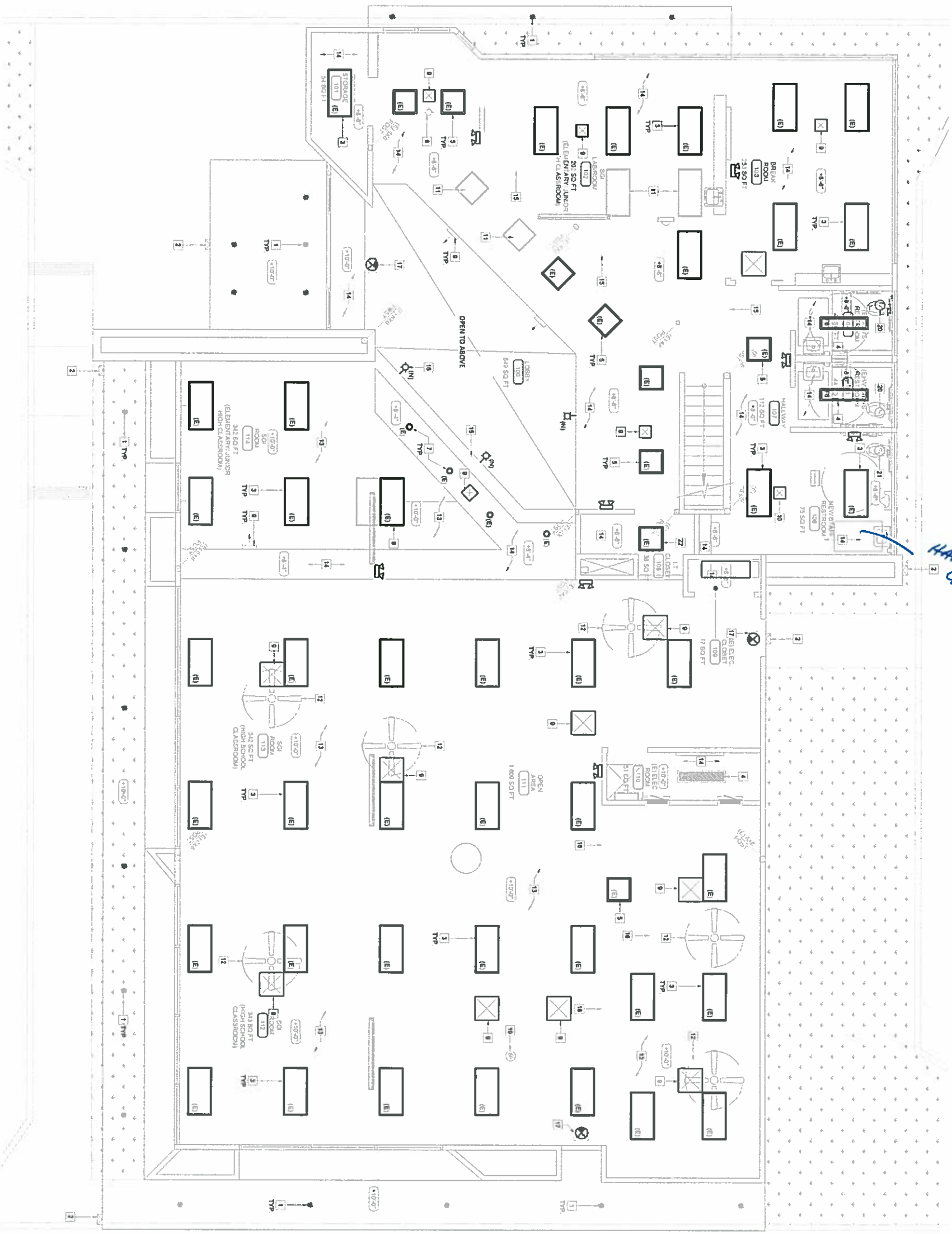
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 SHEET NUMBER **E1.5**

**E1.5**





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HARD CEILING

**REFLECTED CEILING PLAN**

SCALE  
1/4" = 1'-0"

8



**LEGEND**

- (E) 234 RECESSED HOLLOWED FLUORESCENT LIGHT FIXTURE
- (E) EXISTING, REPLACE WITH NEW RECESSED 234 LED
- (E) 144 SURFACE MOUNTED FLUORESCENT LIGHT FIXTURE
- (E) 144 RECESSED MOUNTED FLUORESCENT LIGHT FIXTURE
- (E) 234 RECESSED MOUNTED FLUORESCENT LIGHT FIXTURE
- (E) 234 RECESSED MOUNTED FLUORESCENT LIGHT FIXTURE
- (E) EXISTING RECESSED DOWNLIGHT TO BE REPLACED WITH NEW RECESSED LED
- (E) EXISTING EXTERIOR RECESSED DOWNLIGHT TO REMAIN
- (E) SUPPLY AIR DIFFUSER TO REMAIN
- (E) RETURN AIR DIFFUSER TO REMAIN
- (E) EXHAUST FAN
- (E) ILLUMINATED EXIT SIGN
- (E) WALL MOUNTED LIGHT FIXTURE
- (E) SURFACE MOUNTED LIGHT FIXTURE
- (E) SPEAKER

**KEYNOTES**

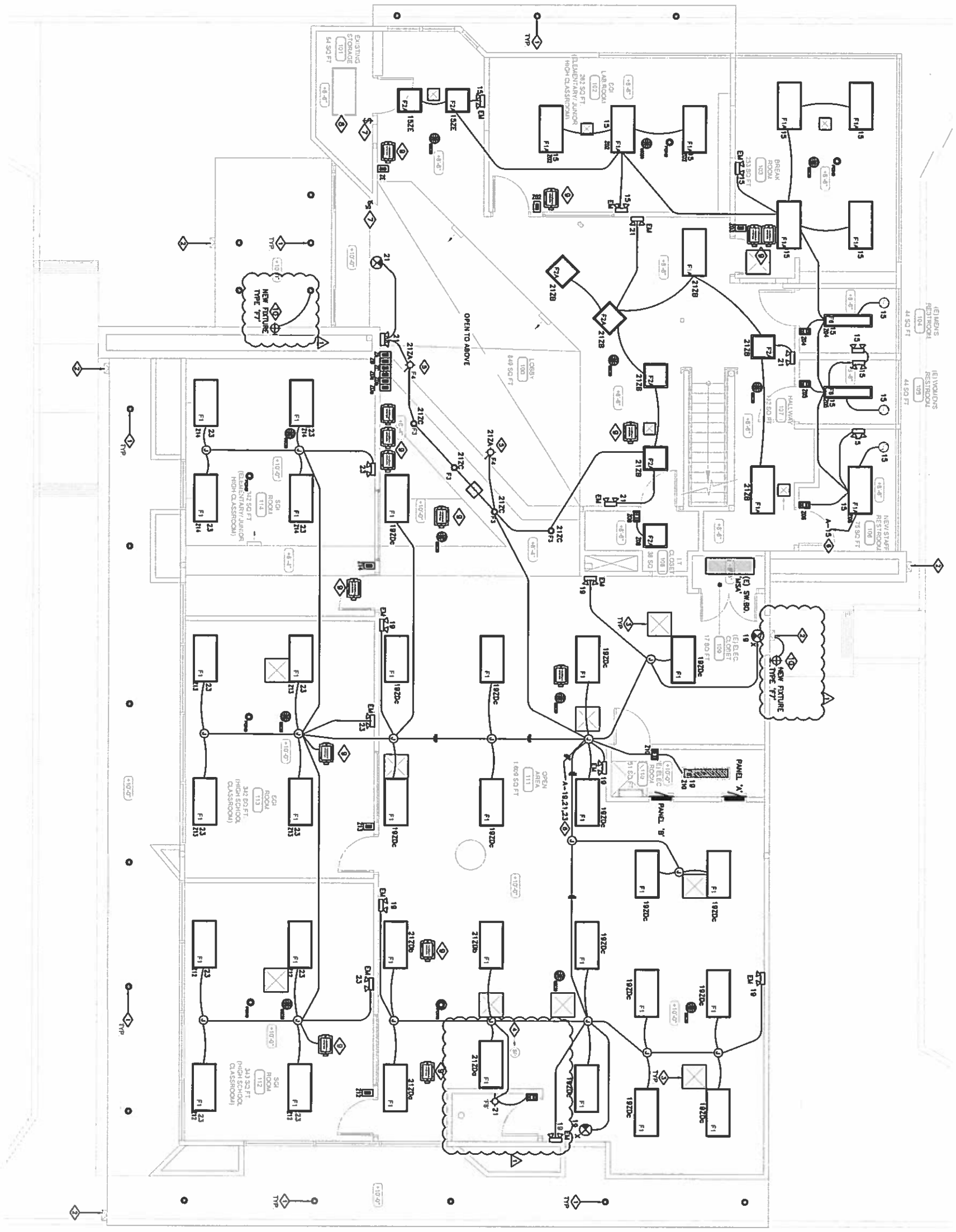
- (E) EXTERIOR RECESSED DOWNLIGHTS TO REMAIN.
- (E) EXTERIOR WALL PACK LIGHT FIXTURE TO REMAIN.
- (E) 234 RECESSED HOLLOW LIGHT FIXTURE TO BE REPLACED
- (E) 144 LIGHT FIXTURE TO BE REPLACED
- (E) 234 LIGHT FIXTURE TO BE REPLACED
- (E) SURFACE MOUNTED LIGHT FIXTURE TO BE DEMO PATCH CLO
- (E) RECESSED DOWNLIGHT FIXTURE TO BE REPLACED WITH NEW, REFER TO NEW REFLECTED CEILING PLAN.
- NEW 234 LIGHT FIXTURE.
- (E) SUPPLY DIFFUSER TO REMAIN, SEE MECHANICAL DRAWINGS
- RELOCATED SUPPLY DIFFUSER, SEE MECHANICAL DRAWINGS.
- (E) LIGHT FIXTURE TO BE DEMO, PATCH AND PAINT CEILING.
- (E) CEILING FANS TO BE DEMO, PATCH AND PAINT CEILING AS REQUIRED
- VERIFY CIRCUIT, DISCONNECT AND REMOVE CONNECTION
- (E) 1-PANEL AND CEILING PANELS TO REMAIN, REPLACE ANY DAMAGED 1-PANEL AND CEILING PANELS.
- REMOVE DAMAGED TO REMAIN, DO TO PATCH AREAS WHERE LIGHT FIXTURES ARE REMOVED AND AS NECESSARY, PAINT CEILING THROUGH-OUT
- REMOVE EXHAUST FAN AND PAINT CEILING WHERE WALLS HAVE BEEN DO TO PATCH AND PAINT AS REQUIRED
- (E) CEILING HEADERS TO REMAIN, DO TO PATCH AND PAINT AS REQUIRED
- (E) WALL MOUNTED EXIT LIGHT, REFER TO SHEET E2.2 FOR CONNECTION.
- (E) WALL MOUNTED LIGHT FIXTURE, REFER TO SHEET E2.2 FOR CONNECTION.
- (E) SPEAKER TO REMAIN.
- (E) EXHAUST FAN TO BE REPLACED, DISCONNECT THE EXHAUSTED EXHAUST FAN AND RECONNECT TO NEW EXHAUST FAN.
- (E) EXHAUST FAN PER MECHANICAL DRAWINGS.
- (E) 234 RECESSED MOUNTED LIGHT FIXTURE.

**GENERAL NOTES**

1. ELECTRICAL CONTRACTOR SHALL VERIFY ALL EXISTING CIRCUITS, WIRING AND PROTECT ALL FEEDERS, IF UTILIZED FOR CONNECTION TO THE NEW OR REPLACED DEVICES.
2. REFER TO ARCHITECTURAL FINISH SCHEDULE FOR ADDITIONAL CENTER MATERIAL AND FINISH REQUIREMENTS.
3. CENTER EXIT SIGNS ON THE CORRESPONDING DOORS WHERE APPLICABLE.
4. COORDINATE LOCATION OF HVAC GRILLES AND DIFFUSERS WITH MECHANICAL CONTRACTOR.
5. PROVIDE ACCESS PANELS FOR DEVICES WITHIN OVP BOARD AS REQUIRED PER OVP 1207.1, INSTALL ELECTRICAL BOXES IN THE ACCESSIBLE CEILING WHERE POSSIBLE.
6. EXISTING LIGHTING SHALL REMAIN WITH EXISTING LIGHTING CONTROL, CLEAN AND REPAIR ALL EXISTING LIGHT FIXTURES, IF APPLICABLE.

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# REFLECTED CEILING PLAN

SCALE 1/4" = 1'-0"  
8

## KEYNOTES

- 1. EXTERIOR RECESSED DOWN LIGHTS. MAINTAIN CIRCUIT AND EXISTING CONTROL TO REMAIN.
- 2. EXTERIOR WALLPACK LIGHT FIXTURE TO REMAIN. MAINTAIN CIRCUIT AND EXISTING CONTROL CONNECTION.
- 3. SUPPLY DIFFUSER TO REMAIN. REFER TO MECHANICAL DRAWINGS.
- 4. SPRINKLER TO REMAIN.
- 5. VERIFY EXACT LOCATION, PROVIDE AND INSTALL LIGHT FIXTURE LED DRIVER IN AN ACCESSIBLE CEILING WHERE APPLICABLE.
- 6. VERIFY EXISTING HOMERUN LOCATION. MAINTAIN CIRCUIT. PROVIDE NEW CONDUIT, WIRES AND PROVIDE UNCONTROLLED CONNECTION TO EXITS SIGNS AND EMERGENCY LIGHTS.
- 7. EXISTING SWITCH AND CONNECTION TO THE LIGHTING FIXTURES ABOVE TO REMAIN. MAINTAIN CIRCUIT. CLEAN AND REPAIR LIGHT FIXTURES AS REQUIRED.
- 8. EXISTING LIGHT FIXTURE ABOVE WITH EXISTING CIRCUIT CONNECTION TO REMAIN.
- 9. PROVIDE AND INSTALL LIGHTING CONTROL DRIVES FOR EACH ZONE IN AN ACCESSIBLE CEILING AND REFER TO SHEET E2.26 FOR WIRING DIAGRAMS. TYPICAL.
- 10. CONTRACTOR SHALL VERIFY EXISTING CIRCUIT FIXTURES. PROVIDE CONDUIT AND WIRES AND CONNECT THE NEW EMERGENCY LIGHT FIXTURE TO EXISTING CIRCUIT. PROVIDE NEW WIRE AND CONNECT FIXTURE TO UNCONTROLLED CIRCUIT AS REQUIRED.

## GENERAL NOTES

- 1. ALL EXISTING CONDITIONS SHOWN ON DRAWINGS ARE TO REMAIN UNLESS NOTED OTHERWISE. CONTRACTOR SHALL VERIFY EXISTING CIRCUIT CONNECTIONS, MAINTAIN CIRCUIT HOUSINGS AND UTILIZE AS REQUIRED.
- 2. VERIFY EXISTING FIXTURES. REPLACE WITH NEW PROVIDED. SEE SCHEDULE. CONTRACTOR SHALL VERIFY EXISTING FIXTURES AND REFER TO ARCHITECTURAL PLANS FOR ADDITIONAL REQUIREMENTS.
- 3. CONTRACTOR SHALL PROVIDE NEW LENTON LED LIGHTING CONTROL DEVICES AND INSTALL PER MANUFACTURER'S INSTRUCTIONS. REFER TO LIGHTING CONTROL WIRING DIAGRAMS ON SHEET E1.5.
- 4. ALL EXISTING EXTERIOR AND PARKING LIGHTING SYSTEMS SHALL REMAIN.
- 5. PROVIDE UNCONTROLLED POWER CONNECTION TO ALL EXIT SIGNS AND EMERGENCY LIGHT FIXTURES.

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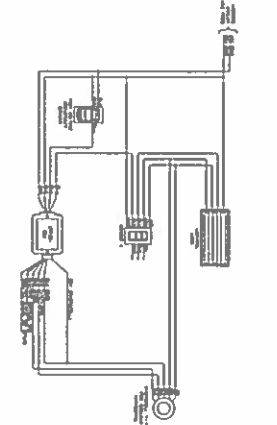
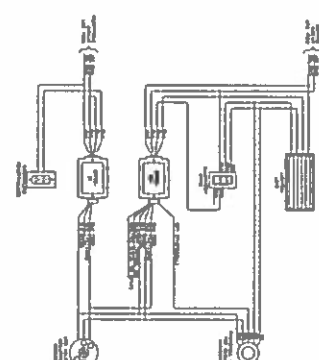
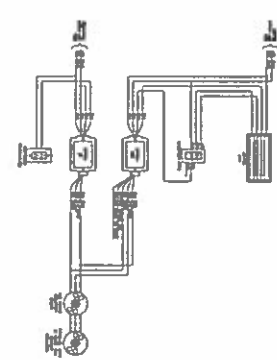
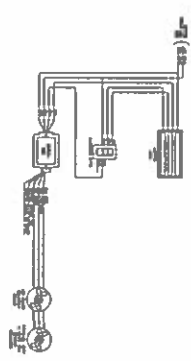
SHEET TITLE  
**REFLECTED CEILING PLAN**



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CITY SUBMITTAL 11.12.15  
P.C. SUBMITTAL 01.14.16

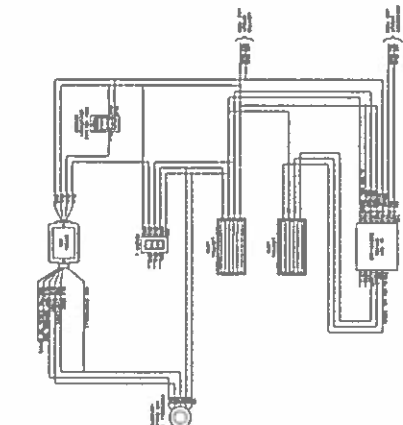
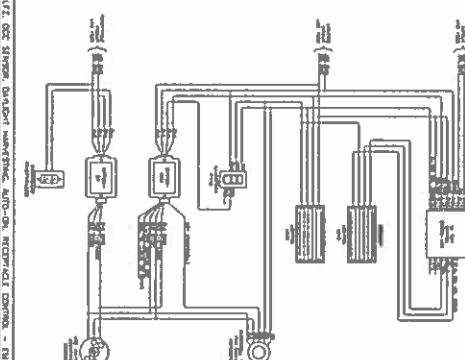
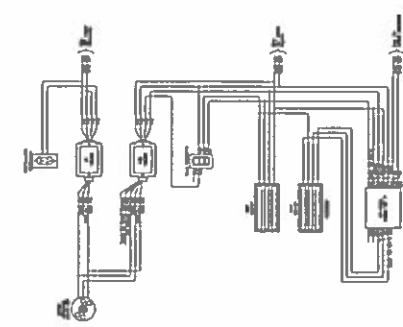
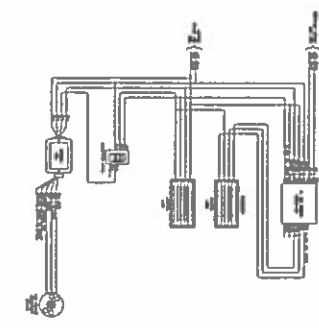
DATE 10/28/15  
PROJECT NUMBER A1358  
SHEET NUMBER

**E2.2**



**NOTES:**

1. All wiring shall be in accordance with the National Electrical Code (NEC) and all applicable local codes.
2. All wiring shall be installed in accordance with the manufacturer's instructions.
3. All wiring shall be installed in accordance with the applicable local codes.
4. All wiring shall be installed in accordance with the applicable local codes.
5. All wiring shall be installed in accordance with the applicable local codes.
6. All wiring shall be installed in accordance with the applicable local codes.
7. All wiring shall be installed in accordance with the applicable local codes.
8. All wiring shall be installed in accordance with the applicable local codes.
9. All wiring shall be installed in accordance with the applicable local codes.
10. All wiring shall be installed in accordance with the applicable local codes.



01) 0110-11Z, SWING BOX SENSOR, AUTO-ON, REVERSE CONTROL - 1U

02) 0110-11Z, SWING BOX SENSOR, AUTO-ON, REVERSE CONTROL - 1U

03) 0110-11Z, SWING BOX SENSOR, AUTO-ON, REVERSE CONTROL - 1U

04) 0110-11Z, SWING BOX SENSOR, AUTO-ON, REVERSE CONTROL - 1U

05) 0110-11Z, SWING BOX SENSOR, AUTO-ON, REVERSE CONTROL - 1U

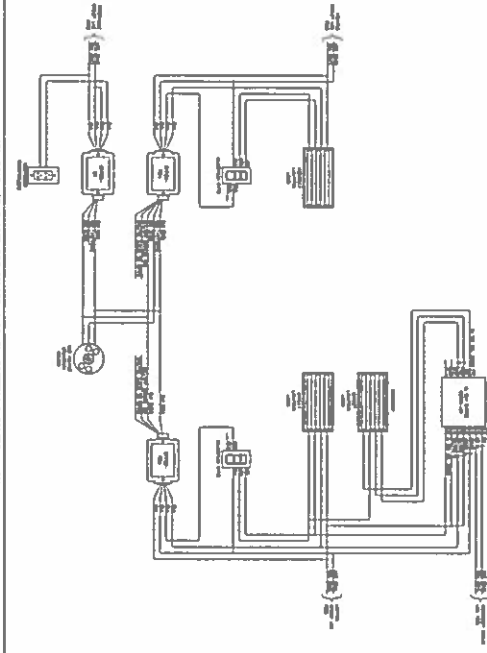
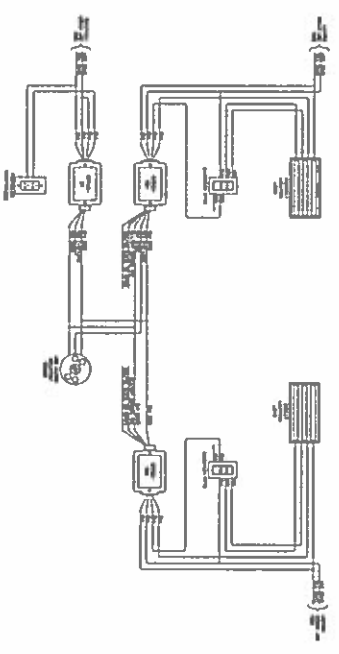
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07) 0110-11Z, SWING BOX SENSOR, AUTO-ON, REVERSE CONTROL - 1U

08) 0110-11Z, SWING BOX SENSOR, AUTO-ON, REVERSE CONTROL - 1U

09) 0110-11Z, SWING BOX SENSOR, AUTO-ON, REVERSE CONTROL - 1U

10) 0110-11Z, SWING BOX SENSOR, AUTO-ON, REVERSE CONTROL - 1U



01) 0110-11Z, SWING BOX SENSOR, AUTO-ON, REVERSE CONTROL - 1U

02) 0110-11Z, SWING BOX SENSOR, AUTO-ON, REVERSE CONTROL - 1U

03) 0110-11Z, SWING BOX SENSOR, AUTO-ON, REVERSE CONTROL - 1U

04) 0110-11Z, SWING BOX SENSOR, AUTO-ON, REVERSE CONTROL - 1U

05) 0110-11Z, SWING BOX SENSOR, AUTO-ON, REVERSE CONTROL - 1U

06) 0110-11Z, SWING BOX SENSOR, AUTO-ON, REVERSE CONTROL - 1U

07) 0110-11Z, SWING BOX SENSOR, AUTO-ON, REVERSE CONTROL - 1U

08) 0110-11Z, SWING BOX SENSOR, AUTO-ON, REVERSE CONTROL - 1U

09) 0110-11Z, SWING BOX SENSOR, AUTO-ON, REVERSE CONTROL - 1U

10) 0110-11Z, SWING BOX SENSOR, AUTO-ON, REVERSE CONTROL - 1U

**LIGHTING CONTROLS SYMBOL LIST**

	LEVTION IP710-LZ	ILLUMINATCH DIMMER SWITCH: LED DIMMER 0-10V POWER SUPPLY
	LEVTION OCCUP-DOW	THE LEVTION OCCUP-DOW IS AN INTERIOR LOW VOLTAGE PHOTOCELL CAPABLE OF CONTINUALLY DIMMING BETWEEN 1-10VDC BASED ON THE AMOUNT OF NATURAL LIGHT CONTRIBUTION
	LEVTION OCCUP-DOW	CEILING MOUNTED LOW VOLTAGE OCCUPANCY SENSOR
	LEVTION OPR20-001	20AMP STANDARD POWER PACK WITH MECHANICAL LATCHING RELAY (FLUX LOAD CONTROL)
	LEVTION OPR20-002	TITLE 24 POWER PACK WITH 24VDC, AUTO-ON, MANUAL-ON, LOCAL SWITCH
	LEVTION O015-10W	O015-10W WALL SWITCH SENSOR PER ONLY, SINGLE RELAY

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SHEET TITLE  
**LIGHTING CONTROL WIRING DIAGRAMS**

STAMP  
REGISTERED PROFESSIONAL ENGINEER  
No. 01411  
In the State of California  
Electrical Engineering  
A. Hagedorn

REVISIONS

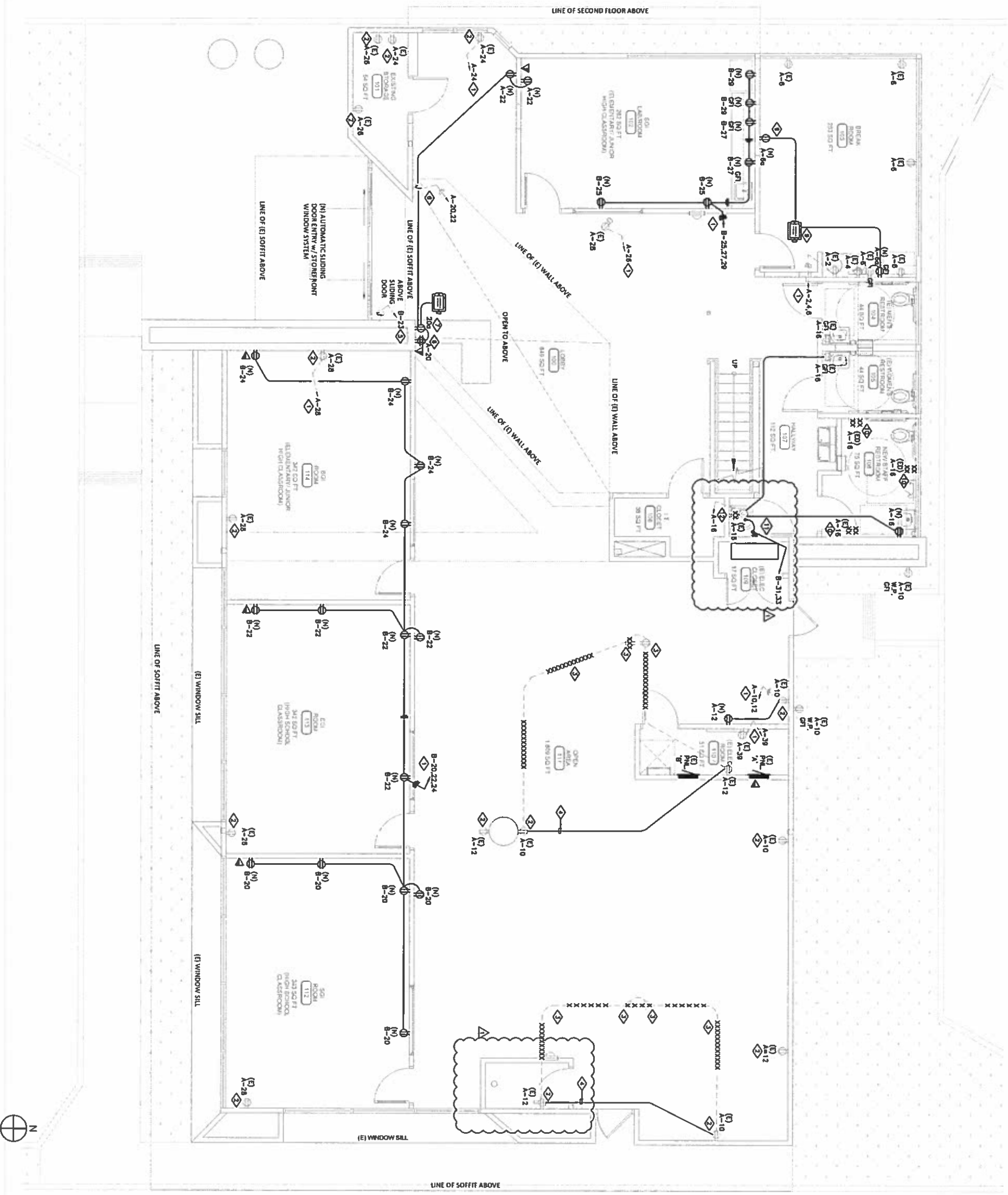
1	CITY SUBMITTAL: 11.12.15
2	P.C. SUBMITTAL: 01.14.16
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4	
5	

DATE: 10.28.15  
PROJECT NUMBER: A1594  
SHEET NUMBER

**E2.2a**

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# ELECTRICAL POWER PLAN



## KEYNOTES

- 1. VERIFY EXISTING CIRCUIT NUMBER AND MAINTAIN HOME/RUN CONNECTION AS REQUIRED.
- 2. VERIFY EXISTING CIRCUIT NUMBER AND MAINTAIN CONNECTION AS REQUIRED. VERIFY EXISTING CIRCUIT NUMBER AND MAINTAIN CONNECTION AS REQUIRED. VERIFY EXISTING CIRCUIT NUMBER AND MAINTAIN CONNECTION AS REQUIRED.
- 3. VERIFY EXISTING HOME/RUN ROLLING AND CONNECTION WALL SUBJECT TO DEMOLITION, DISCONNECT AND REMOVE THE RECEPABLES AND HOME/RUN.
- 4. PROVIDE NEW CONDUIT AND WIRE, EXTEND AND RECONNECT THE EXISTING RECEPABLE TO EXISTING CIRCUIT AS REQUIRED.
- 5. EXISTING CIRCUIT TO REMAIN.
- 6. UTILIZE EXISTING CIRCUIT CONNECTED TO THE DEMOLISHED DEVICES, INTERCEPT FEEDER, PROVIDE NEW CONDUIT AND WIRE AND CONNECT TO THE NEW RECEPABLES AS REQUIRED.
- 7. REFER TO LIGHTING CONTROL WIRING DIAGRAM AND PROVIDE CONNECTION VIA POWER PACK OR P220-001 CONTROLLED BY OCCUPANCY SENSOR.
- 8. VERIFY EXISTING HOME/RUN CONNECTED TO THE DEMOLISHED DEVICES, UTILIZE CIRCUIT HOME/RUN, PROVIDE NEW CONDUIT AND WIRE AND EXTEND TO NEW DEVICES AS SHOWN.
- 9. PROVIDE NEW GFCI RECEPABLE AT THE COUNTER AND CONNECT TO THE EXISTING CIRCUIT VIA CONTROL RELAY AS SHOWN, REFER TO LIGHTING CONTROL WIRING DIAGRAM FOR CONNECTION OF CONTROL RELAY TO OCCUPANCY SENSOR.
- 10. (ED) DEMOTES EXISTING TO BE DEMOLISHED. VERIFY CIRCUIT CONNECTION TO EXISTING DEVICE, DISCONNECT AND REMOVE THE EXISTING DEVICE AS SHOWN.
- 11. COORDINATE WITH PLUMBING CONTRACTOR, PROVIDE 20A, 2P MANUAL SWITCH AND CONNECTION TO NEW WATER HEATER AS REQUIRED.
- 12. VERIFY EXISTING CIRCUIT HOME/RUN CONNECTED TO EXISTING RECEPABLE, REMOVE CIRCUIT, DISCONNECT AND REMOVE RECEPABLE, PROVIDE NEW J-BOX AT CEILING WITH CONDUIT AND WIRE AS REQUIRED AND RE-ROUTE FEEDERS AND RECONNECT TO THE DOWN-STRAIM DEVICES.

## GENERAL NOTES

1. ALL EXISTING CIRCUITS SHOWN ON DRAWINGS ARE BASED ON AS-BUILT DRAWINGS. CONTRACTOR SHALL VERIFY EXISTING CIRCUIT CONNECTION, MAINTAIN CIRCUIT HOME/RUN.

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SAN BERNARDINO, CA 92404

SHEET TITLE  
**ELECTRICAL POWER PLAN**



DATE: 10/28/15  
PROJECT NUMBER: 15001  
SHEET NUMBER: 8

REVISIONS

NO.	DATE	DESCRIPTION
1	10/28/15	REVISED PER COMMENTS
2	10/28/15	REVISED PER COMMENTS
3	10/28/15	REVISED PER COMMENTS
4	10/28/15	REVISED PER COMMENTS
5	10/28/15	REVISED PER COMMENTS
6	10/28/15	REVISED PER COMMENTS
7	10/28/15	REVISED PER COMMENTS
8	10/28/15	REVISED PER COMMENTS
9	10/28/15	REVISED PER COMMENTS
10	10/28/15	REVISED PER COMMENTS

**E2.3**