PROJECT DATA

BUILDING #3, 240 CHURCH ST., SALINAS, CA., 93901 I. LOCATION:

- 2. BUILDING OWNER: COUNTY OF MONTEREY
- 3. ASSESSOR'S PARCEL NUMBER:
- 4. SITE AREA: SF
- 5. OCCUPANCY TYPE: "B" (EXISTING)
- 6. CONSTRUCTION TYPE: V-B
- 7. NUMBER OF STORIES:
- 8. FIRE SPRINKLER SYSTEM: EXISTING FIRE PROTECTION SYSTEM (FULLY SPRINKLERED).
- 9. FIRE ALARM SYSTEM: EXISTING MONITORED SYSTEM.
- IO. ALLOWABLE BUILDING AREA: SEE BUILDING ANALYSIS, SHT. ALI
- II. AREA OF IMPROVEMENT: 3,235 S.F.
- 2010 BUILDING STANDARDS ADMINISTRATIVE CODE, PARTI, TITLE 24 C.C.R.
- 2010 CALIFORNIA BUILDING CODE, VOLUMES 1, 2 \$ 3; PART 2, TITLE 24 C.C.R.
- 2010 CALIFORNIA ELECTRICAL CODE; PART 3, TITLE 24 C.C.R
- 2010 CALIFORNIA MECHANICAL CODE; PART 4, TITLE 24 C.C.R.
- 2010 CALIFORNIA PLUMBING CODE; PART 5, TITLE 24 C.C.R.
- 2010 CALIFORNIA FIRE CODE (CFC), PART 9, TITLE 24 C.C.R.
- 2010 CALIFORNIA REFERENCED STANDARDS CODE, PART 12, TITLE 24, C.C.R. TITLE 19, C.C.R., PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS
- 2010 NFPA 72 NATIONAL FIRE ALARM CODE (CA. AMENDED) (NOTE SEE UL STANDARD 1971 FOR "VISUAL DEVICES"

AMERICAN DISABILITIES ACT AND STANDARDS

ALL PRODUCTS LISTED BY I.C.B.O. NUMBER(S) SHALL BE INSTALLED PER THE REPORT AND MANUFACTURER'S WRITTEN INSTRUCTIONS, PRODUCT SUBSTITUTION(S) PER PRODUCTS LISTED SHALL ALSO HAVE I.C.B.O. APPROVED EVALUATION REPORT(S) OR BE APPROVED AND LISTED BY OTHER NATIONALLY RECOGNIZED TESTING AGENCIES.

NOTES: THE BUILDING CONFORMS TO CURRENT TITLE 24/ADA REQUIREMENTS FOR PARKING, PATH OF TRAVEL AND RESTROOMS.

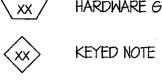
ALL NEW WORK SHALL BE DONE IN COMPLIANCE WITH THE LISTED BUILDING CODES ON THIS SHEET

SYMBOLS

X

WINDOW TYPE

DOOR NUMBER HARDWARE GROUP



SHEET LOCATION **ELEVATION**

SHEET LOCATION

SHEET LOCATION

EXISTING

LIST OF DRAWINGS

ARCHITECTURAL

- AO.I TITLE SHEET
- ALI SITE PLAN
- A2.I DEMO FLOOR PLAN A2.2 NEW FLOOR PLAN
- A4.10 DEMO REFLECTED CEILING PLAN

A4.II NEW REFLECTED CEILING PLAN

- A6.I INTERIOR DETAILS
- A7.1 DOOR AND WINDOW TYPES & DETAILS

MECHANICAL / PLUMBING

- LEGEND, SCHEDULES AND MORE
- M2.I PARTIAL FLOOR PLAN MECH. DEMOLITION M2.2 PARTIAL FLOOR PLAN - MECH, NEW

ELECTRICAL / FIRE ALARM

- EI.O SYMB. ABBREV., FIXTURE SCHEDULE, CODES, STANDARDS & SHEET INDEX
- E2.0 CALIFORNIA ENERGY COMPLIANCE TITLE 24 BLDG. INTERIOR
- DEMOLITION PLAN
- E4.0 POWER, SYSTEMS & LIGHTING PLANS
- E5.0 ELECTRICAL DETAILS



BID NO: OFFICE IMPROVEMENTS FOR: COUNTY OF MONTEREY

AT: BUILDING #3 T.I. FOR D.A. OFFICE

230 CHURCH STREET, SALINAS, CALIFORNIA

ARCHITECT

KASAVAN ARCHITECTS 60 W. MARKET STREET, SUITE 300 SALINAS, CALIFORNIA 93901 831.424.2232

MECHANICAL / PLUMBING

AXIOM ENGINEERS dba LEE & ASSOCIATES 22 LOWER RAGSDALE DRIVE, SUITE A MONTEREY, CALIFORNIA 93940 831.649.8000

ELECTRICAL / FIRE ALARM

AURUM CONSULTING ENGINEERS **MONTEREY BAY** 60 GARDEN COURT, SUITE 210 MONTEREY, CALIFORNIA 93940 831.646.3330

GENERAL NOTES:

- SCOPE OF WORK: TENANT IMPROVEMENTS TO APPROXIMATELY 3,235 SF OF AN EXISTING OFFICE
- 2. ALL BIDDERS SHALL VISIT THE SITE TO FAMILIARIZE THEMSELVES WITH THE CONDITIONS UNDER WHICH THE WORK WILL BE PERFORMED. VERIFY ALL GOVERNING DIMENSIONS AND EXAMINE ALL ADJOINING WORK OR AREAS UPON WHICH THE PERFORMANCE OF THIS WORK IS IN ANY WAY DEPENDENT. REPORT IN WRITING TO THE ARCHITECT IF ANYTHING IS FOUND THAT DEVIATES FROM THESE DRAWINGS.
- 3. DO NOT SCALE THE DRAWINGS. IF UNABLE TO DETERMINE DIMENSIONS FOR ANY ITEM OF WORK, CONSULT THE ARCHITECT FOR DIRECTION PRIOR TO PROCEEDING.
- PERFORM ALL WORK IN ACCORDANCE WITH THE RULES AND REGULATIONS OF GOVERNMENTAL AGENCIES HAVING JURISDICTION. CONFORM TO ALL CITY, COUNTY, STATUTES, AND ORDINANCES. PROMPTLY REPORT ANY DISCREPANCIES AND OMMISIONS IN THE CONTRACT DOCUMENTS TO THE ARCHITECT.
- 5. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR JOB SITE SAFETY
- 6. NO WORK IS PROPOSED THAT WILL REQUIRE MODIFICATION TO THE SITE OR IMPACT EXISTING STORM WATER DRAINAGE. A STORM WATER POLLUTION PREVENTION PLAN (SWPPP) IS NOT REQUIRED.

FIRE DEPT. NOTES:

- I. PRIOR TO THE FRAME INSPECTION, APPROVED FIRE SPRINKLER AND/OR FIRE ALARM MUST BE ON SITE FOR THE BUILDING INSPECTOR.
- 2. FIRE SAFETY DURING CONSTRUCTION SHALL FOLLOW 2010 CFC CHAPTER 14. FIRE EXTINGUISHERS SHALL BE PROVIDED. THE AUTOMATIC FIRE SPRINKLER SYSTEM IS TO REMAIN ACCESSIBLE AND IN SERVICE AT ALL TIMES. FIRE DEPARTMENT ACCESS TO BUILDING SHALL BE ESTABLISHED & MAINTAINED IN ACCORDANCE WITH SECTION. COMBUSTIBLE DEBRIS, RUBBISH AND WASTE MATERIAL SHALL BE REMOVED FROM BUILDING AT THE END OF EACH WORK SHIFT. OPERATIONS INVOLVING THE USE OF CUTTING AND WELDING SHALL BE DONE IN ACCORDANCE WITH CFC CHAPTER 26.
- 3. APPROVED FIRE DEPARTMENT EMERGENCY KEY BOX IS (E), NO CHANGE. (E) KEY BOX SHALL BE UPDATED AND MAINTAINED WITH MASTER KEYS AND SHALL BE PERMANENTLY TAGGED AND LABELED. THE FOLLOWING ITEMS SHALL BE PROVIDED AND/OR MAINTAINED IN THE KNOX BOX PRIOR TO FINAL FIRE: [X] MASTER KEY; [X] FIRE ALARM KEYS; [X] POINT OF CONTACT AFTER HOURS
- NO MATERIALS STORED IN THE PROPOSED FACILITY ARE CATAGORIZED AS HAZARDOUS OR EXCEED REGULATED VOLUMES. A HAZARDOUS MATERIALS INVENTORY STATEMENT (HMIS) SHALL NOT BE REQUIRED FOR THIS PROJECT.
- NOTICE TO CONTRACTORS: THE PROPOSED SCOPE OF WORK INCLUDES MODIFICATIONS TO EXISTING FIRE SPRINKLER AND/OR FIRE ALARM SYSTEMS. ANY MODIFICATIONS TO THESE SYSTEMS RESULTING FROM NEW WORK SHALL REQUIRE SEPARATE SUBMITTAL AND REVIEW. THE CITY OF SALINAS FIRE DEPARTMENT DOES NOT ALLOW INSTALLATION OF FIRE SERVICE MAINS, FIRE SPRINKLER SYSTEMS, FIRE ALARM SYSTEMS OR OTHER FIRE PROTECTION SYSTEM PRIOR TO PLAN APPROVAL, CONTRACTORS WHO ENGAGE IN SUCH ACTIVITIES MAY BE CITED AND THE PROJECT WILL BE RED TAGGED.
- A) UNDERGROUND FIRE SERVICE B) FIRE SPRINKLER SYSTEM C) FIRE ALARM SYSTEM

WHEN APPLICABLE, SEPARATE SUBMITTAL FOR REVIEW AND APPROVAL REQUIRED FOR THE FOLLOWING:

SUBMIT PLANS TO: FIRE PLAN CHECK CITY OF SALINAS DEVELOPMENT & PERMIT SERVICES DEPARTMENT

65 W. ALISAL STREET SALINAS, CA 93901

INFORMATION INCLUDED WITH THIS SUBMITTAL PACKAGE ON ANY OF THE ABOVE NOTED SYSTEMS ARE FOR REFERENCE ONLY AND SHALL NOT BE USED FOR CONSTRUCTION. FIRE DEPARTMENT APPROVAL OF THIS SUBMITTAL PACKAGE EXCLUDES THESE SYSTEMS.

FIRE SPRINKLER SYSTEMS AND ALTERATIONS OF AN EXISTING AND ALL COMPONENTS SHALL CONFORM TO NFPA 13 MINIMUM STANDARDS AND SHALL BE REVIEWED BY FIRE DEPARTMENT PRIOR TO INSULATION. STAMPED, APPROVED PLANS MUST BE KEPT ON SITE FOR FIRE INSPECTOR.

a.) SUBMITTAL TO INCLUDE A MINIMUM OF FOUR SETS OF PLANS AND CALCULATIONS WITH ALL DETAILS PER NFPA 13.

b.) CONTRACTOR IS REQUIRED TO SUBMIT A SET OF "AS-BUILT" DOCUMENTS/DRAWINGS FOR APPROVAL PRIOR TO FINAL INSPECTION WHEN NOT INSTALLED PER PLAN. c.) TEST REQUIRED: ADDITION/ALTERATION, 150 PSI FOR 2 HOURS.

8. FIRE DEPARTMENT CONNECTION (FDC) THREADS SHALL BE PROTECTED WITH APPROVED BRASS OR ALUMINUM ALLOY SCREW-IN PLUGS.

- 9. NO CHANGES TO EXISTING BUILDING EXIT PLAN ARE PROPOSED. EXACT LOCATIONS, SPACING, LAYOUT \$ VISIBILITY OF EXIT SIGNS SHALL BE REVIEWED AT TIME OF FINAL INSPECTIONS. LINE OF SITE AND OBSTRUCTIONS SHALL BE NOTED. MODIFICATIONS (INCLUDING THE ADDITION AND/ OR RELOCATION OF SIGNS) MAY BE REQUIRED IF EXIT SIGNAGE IS NOT FOUND TO BE FULLY CODE COMPLIANT.
- 10. ALL SITE INSPECTIONS REQUIRE A MINIMUN 24 HOURS NOTICE. ALL FIRE DEPARTMENT INSPECTIONS ARE TO BE REQUESTED THROUGH THE BUILDING DIVISION. PLEASE BE SPECIFIC AS TO TYPE OF INSPECTION.
- 11. APPROVED NUMBERS AND/OR LETTERS SHALL BE PLACED ON ALL BUILDINGS, TO BE VISIBLE FROM THE STREET, COLOR CONTRASTING TO BACKGROUND. ADDRESS POSTING IS REQUIRED ON THE BUILDING, FIRE DEPARTMENT ACCESS, AND ON ALL REAR DOORS. SIGNAGE TO BE 6" HIGH BY 3/4" STROKE.
- 12. TACTILE SIGNAGE IS TO BE INSTALLED AS REQUIRED BY 2010 CBC.
- 13. "FIRE ALARM SYSTEM AND ALL COMPONENTS SHALL CONFORM TO NFPA 72 MINIMUM STANDARDS AND SHALL BE REVIEWED AND APPROVED BY THE FIRE DEPARTMENT PRIOR TO INSTALLATION. STAMPED, APPROVED PLANS MUST BE KEPT ON SITE FOR THE FIRE INSPECTOR."

The use of these plans and specifica site for which they were prepared and oublication thereof is expressly limit ed to such use. Re-use, reproductio or publication by any method. whole or in part, is prohibited. Title to the plans and specifications remain Visual contact with these plans and specifications shall constitute prima facie evidence of the acceptance of these restrictions.

HEET NUMBER

File name: D:\JOBS\1224\CD\0140\A0-1.DWG

ATE: NOVEMBER 26, 2012 DRAWN

ABBREVIATIONS A.B. ANCHOR BOLT ADJUSTABLE, ADJACENT

A.F.F. ABOVE FINISHED FLOOR A.P. ACCESS PANEL ARCHITECT, ARCHITECTURAL BLKG BLOCKING BM BOTTOM

BUILT-UP ROOF B.U.R. CENTERLINE CVL, G CONSTRUCTION JOINT CERAMIC MOSAIC TILE CONCRETE MASONRY UNIT

CMT CMU DET, DTL. DETAIL DEMO DEMOLISH, DEMOLITION D.F. DOUGLAS FIR DN DOWN DOOR

DOWNSPOUT

D.S.

E.J. EXPANSION JOINT ELECTRICAL E.P. ELECTRICAL PANEL EQUAL EQ E.S. EACH SIDE EXPANSION, EXPOSED FIBER CEMENT LAP SIDING FURNISHED BY OWNER F.C.T. FIBER CEMENT TRIM FIBER CEMENT PANEL F.E.C. F.H. FIRE HYDRANT FL, FLR FLOOR

G.W.B. GYPSUM WALL BOARD

GYP BD GYPSUM WALL BOARD

F.O.

FIRE EXTINGUISHER CABINET FACE OF F.O.S. FACE OF STUD GAUGE GENERAL CONTRACTOR N.T.S. GALVANIZED IRON

HOLLOW METAL HEIGHT INCLUDING INSTALL BY CONTRACTOR INSUL INSULATION INVERT JOINT LAM LAMINATE MAX MAXIMUM M.B. MACHINE BOLT MECH MECHANICAL MANUFACTURER

HARDWOOD

WALL ELEVATED

SHEET LOCATION

ROOM NAME

ROOM NUMBER

MINIMUM NORTH

NOT TO SCALE

OVER

ON CENTER

0/

O.C.

N.I.C. NOT IN CONTRACT P.I.P. POURED IN PLACE PT POINT PTDF PRESSURE TREATED DOUGLAS FIR PTN PARTITION RAD RADIUS REFLECTED CEILING PLAN ROOF DRAIN R/F. REINF REINFORCING ROOM ROUGH OPENING SOUTH SUSPENDED ACOUS, PANEL SOLID BLOCKING SOLID CORE S.S.

SIMILAR

SYMMETRICAL

STRUC STRUCTURAL

SIM

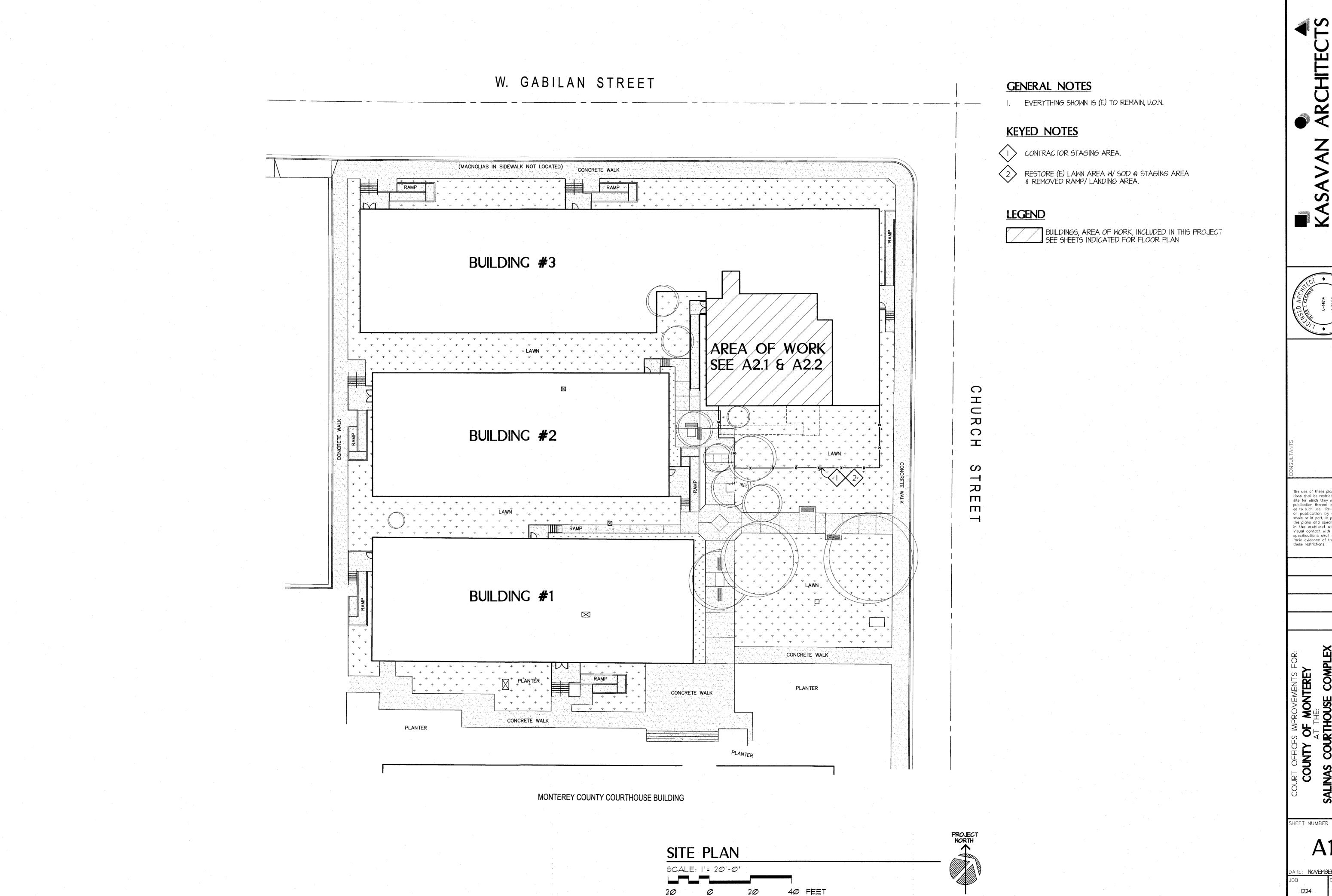
OVER FLOW DRAIN

STAINLESS STEEL SHEATHING

VINYL ASBESTOS TILE V.A.T. VAPOR BARRIER VINYL COMPOSITION TILE V.I.F. YERIFY IN FIELD VWC VINYL WALL COVERING WEST, WIDE MITH WITHOUT WHERE OCCURS WELDED WIRE FABRIC

TEL TELEPHONE Tŧ6 TONGUE AND GROOVE POWDER ACTUATED FASTENER THK THICK T.O., T/ TOP OF TYP TYPICAL

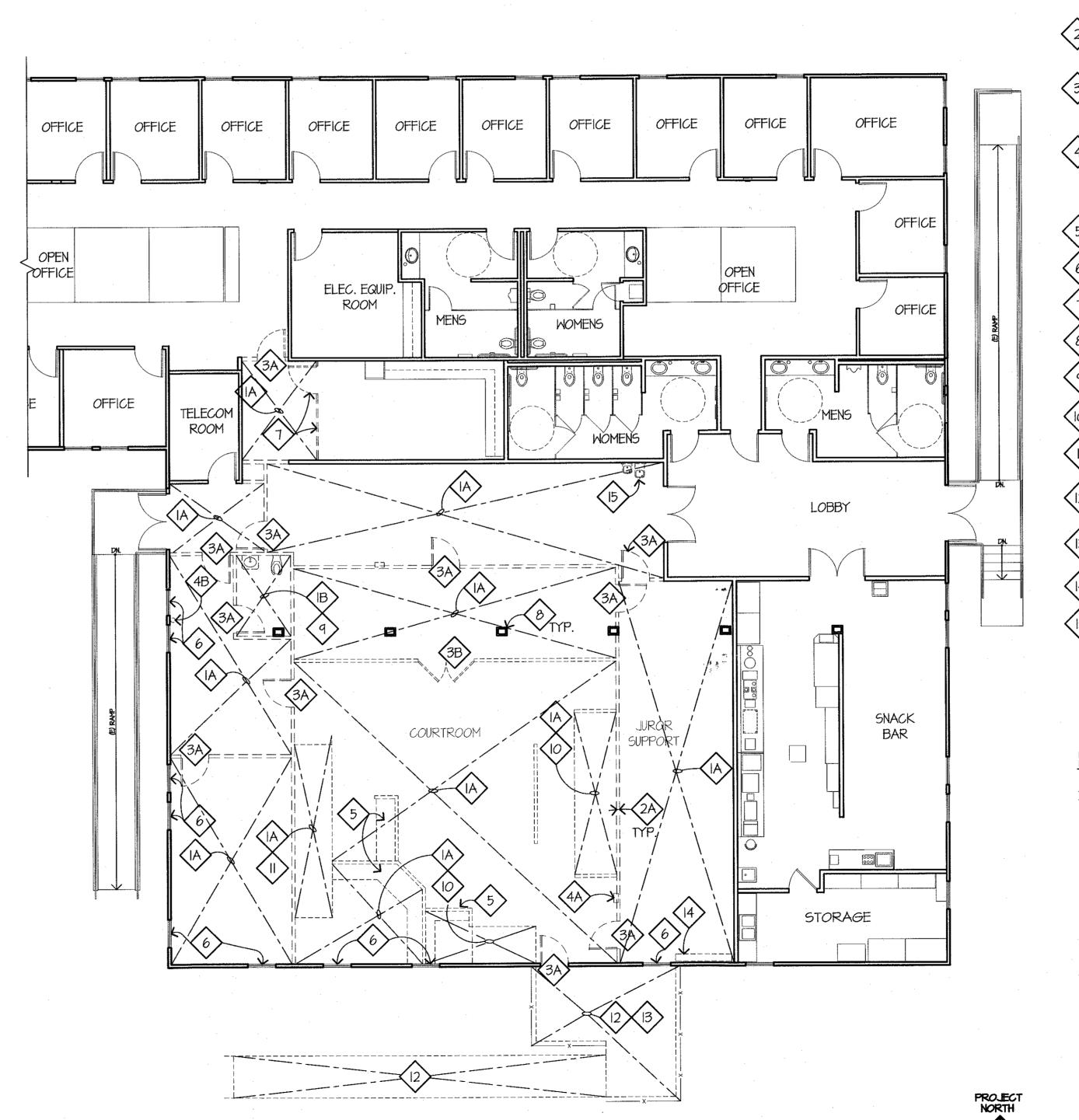
U.O.N. UNLESS OTHERWISE NOTED



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DATE: NOVEMBER 26, 2012

1224



DEMO FLOOR PLAN

16 FEET

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

GENERAL NOTES

- I. EVERYTHING SHOWN IS (E) TO REMAIN, U.O.N.
- 2. SEE PLUMBING/MECHANICAL & ELECTRICAL DWGS FOR ADDITIONAL DEMO WORK.
- 3. DEMOLITION: REMOVE ALL ITEMS AND FINISHES IN WAY OF (N)
- 4. PATCH ALL SURFACE FINISHES & SUBSTRATES EXPOSED BY OR DAMAGED BY WORK OF THIS PROJECT TO MATCH FINISHED
- 5. WORK AT CEILINGS, SEE SHT A4.10 & A4.11
- 6. CLEAN & PREPARE ALL SURFACES SCHEDULED TO BE COVERED TO SUIT THE REQ'TS OF THE (N) SPECIFIED ITEM.

KEYED NOTES

- FLOOR:
 A. REMOVE CARPET & BASE B. REMOVE VINYL FL. & COVERED BASE
- A. REMOVE NON-BEARING WALL IN WAY OF (N) WORK.
- DOORS:

 A. REMOVE DR. FRAME, HARDWARE, ETC., IN WAY OF (N) WORK. B. REMOVE SOLID WD. GATE IN WAY OF (N) WORK
- FIRE EXTINGUISHER & CABINET: A. REMOVE F.E.C. & STORE FOR RE-INSTALLATION, SEE (N) PLAN B. REMOVE FIRE EXTINGUISHER & STORE FOR RE-INSTALLATION, SEE (N) PLAN
- REMOVE CABINETS IN WAY OF (N) WORK.
- WINDOWS: REMOVE INT. GWB. FIN. & PLY. IN FRONT OF (E) WINDOW, NO CHANGE @ EXT.
- 7> REMOVE WIRE MESH GATE & PARTITION IN WAY OF (N) WORK
- (8) (E) STRUCT. COLUMN, NO CHANGE
- REMOVE SINK, TOILET ETC. CAP ASSOCIATED PIPING BELOW FL. FRAMING & ABOVE CLG. SEE PLUMBING DWGS.
- (10) REMOVE WD. FRAMED PLATFORM DOWN TO SUB FL.
- , REMOVE WD. FRAMED RAMP PLATFORM & ASSOCIATED MTL. RAILING DOWN TO SUB FL.
- REMOVE METAL FRAMED EXTERIOR LANDING, RAMP & ASSOCIATED RAILING
- REMOVE 9'-0" TALL CHAIN LINK FENCE INCLUDING FABRIC, POSTS
- (14) REMOVE A.C. UNIT, SEE MECH. DWGS.
- REMOVE HI-LO D.F. & ASSOCIATED PIPING BEHIND FINISHES PATCH WALL FINISHES TO MATCH ADJACENT

LEGEND

(E) 2X WOOD FRAME WALL

DEMOLITION OF ITEMS PER THIS CONTRACT

COMPLEX S, CALIFORNIA

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CHITEC.

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SHEET NUMBER

DATE: NOVEMBER 26, 2012

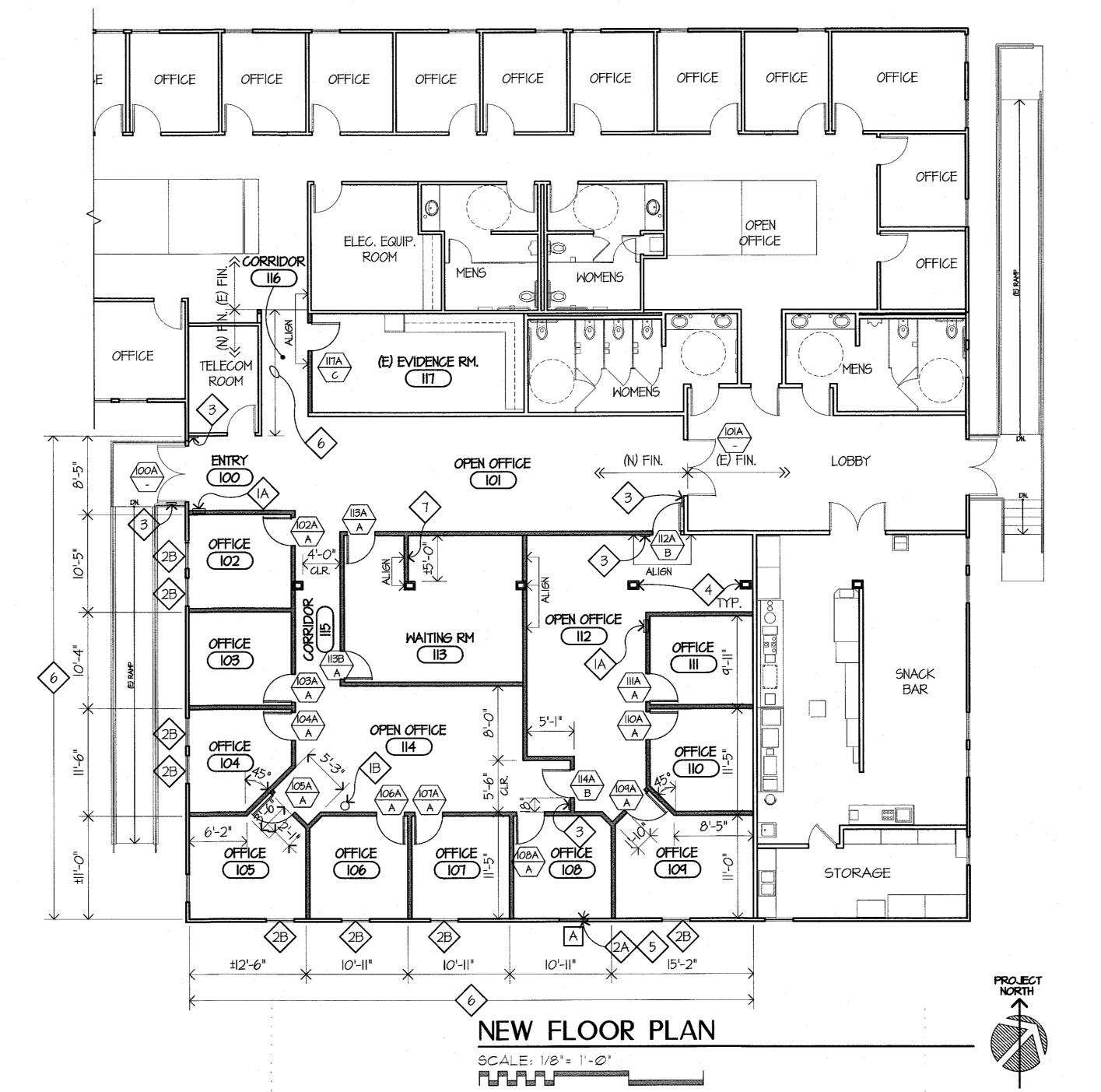
	ROOM FINISH SCHEDULE											
ROOM/NO.	ROOM/NAME	FL00R	BASE	WALLS	CLGMAT'L.	CLGHT.						
100	ENTRY	CARPET	4" RUBBER	G.W.B. PAINT	S.A.P.	9'-0"						
IOI	OPEN OFFICE	CARPET	4" RUBBER	G.W.B. PAINT	5.A.P.	9'-0"						
102	OFFICE	CARPET	4" RUBBER	G.W.B. PAINT	5.A.P.	9'-0"						
103	OFFICE	CARPET	4" RUBBER	G.W.B. PAINT	5.A.P.	9'-0"						
104	OFFICE	CARPET	4" RUBBER	G.W.B. PAINT	S.A.P.	·9'-0"						
105	OFFICE	CARPET	4" RUBBER	G.W.B. PAINT	S.A.P.	9'-0"						
106	OFFICE	CARPET	4" RUBBER	G.W.B. PAINT	S.A.P.	9'-O"						
107	OFFICE	CARPET	4" RUBBER	G.W.B. PAINT	S.A.P.	9'-0"						
108	OFFICE	CARPET	4" RUBBER	G.W.B. PAINT	S.A.P.	9'-O"						
109	OFFICE	CARPET	4" RUBBER	G.W.B. PAINT	S.A.P.	9'-O"						
ll0	OFFICE	CARPET	4" RUBBER	G.W.B. PAINT	S.A.P.	9'-O"						
111	OFFICE	CARPET	4" RUBBER	G.W.B. PAINT	5.A.P.	9'-0"						
II2	OPEN OFFICE	CARPET	4" RUBBER	G.W.B. PAINT	S.A.P.	q'-O"						
II3	WAITING RM	CARPET	4" RUBBER	G.W.B. PAINT	S.A.P.	9'-0"						
114	OPEN OFFICE	CARPET	4" RUBBER	G.W.B. PAINT	S.A.P.	9'-O"						
115	CORRIDOR	CARPET	4" RUBBER	G.W.B. PAINT	5.A.P.	9'-0"						
116	CORRIDOR	CARPET	4" RUBBER	G.W.B. PAINT	S.A.P.	9'-0"						
117	(E) EVIDENCE RM.	CARPET	4" RUBBER	G.W.B. PAINT	5.A.P.	9'-0"						

DOOR SCHEDULE

DOOR NUMBER	DOOR TYPE	OPENING SIZE	DETAIL	THRESHOLD	FIRE RATING	SIGNAGE	REMARKS
100A	(E)	6'-0"x6'-8"	_	RE-USE (E)	-	TYPE A & C	EXISTING
IOIA	(E)	6'-0"x6'-8"	_	RE-USE (E)	-	TYPE B	EXISTING
102A		3'-0"x6'-8"	-	-	-	_	-
103A		3'-0"x6'-8"	_	_	-	_	<u>-</u> .
IO4A		3'-0"x6'-8"		-	_	-	-
I <i>0</i> 5A	ı	3'-0"x6'-8"	-	_	_	-	
IO6A	ı	3'-0"x6'-8"	_	-	_		-
IOTA		3'-0"x6'-8"	-	_	_	-	
108A		3'-0"x6'-8"	-	-	. -	<u>-</u>	_
APOI		3'-0"x6'-8"	-	-	_	-	-
IIOA		3'-0"x6'-8"	-	-	_	-	-
IIIA		3'-0"x6'-8"	_	-	_	-	_
II2A	1	3'-0"x6'-8"	_	·		TYPE B	_
II3A	2	3'-0"x6'-8"	_	_	_	-	-
II3B		3'-0"x6'-8"	-	-	-		-
II4A	1	3'-0"x6'-8"	-	_	_	TYPE B	_
IITA		3'-0"x6'-8"	_	_	_	_	

DOOR NOTES:

- ALL DOORS SHALL BE A MINIMUM OF 3 FEET IN WIDTH AND 6'-8" IN
- HEIGHT CBC 1133B.2.2
- PROVIDE LANDING AT ALL DOORS TO MEET CBC 1133B.
- WHERE THRESHOLDS OCCUR, PROVIDE THRESHOLDS TO MEET CBC 1133B.
- MAXIMUM CLOSER-EFFORT TO OPERATE DOORS SHALL NOT EXCEED 5 POUNDS, CBC 1133B.2.5
- ALL DOOR OPENING HARDWARE SHALL BE CENTERED BETWEEN 30 INCHES
- AND 44 INCHES ABOVE THE FLOOR. CBC 1133B.2.5.2
- THE BOTTOM IO INCHES OF ALL DOORS SHALL HAVE A SMOOTH, UNINTERRUPTED SURFACE, CBC 1133B.2.6
- LATCHING AND LOCKING DOORS THAT ARE HAND-ACTIVATED SHALL BE OPERABLE WITH A SINGLE EFFORT BY LEVER-TYPE HARDWARE, PANIC BARS, PUSH-PULL ACTIVATING BARS OR OTHER HARDWARE DESIGNED TO PROVIDE PASSAGE WITHOUT REQUIRING THE ABILITY TO GRASP THE
- OPENING HARDWARE.
- ALL DOOR GLAZING SHALL BE DOUBLE PANE TEMPERED TYPE. - PROVIDE 4 INCH WALL RETURNS AT ALL DOORS U.O.N.



16 FEET

GENERAL NOTES

- 1. EVERYTHING SHOWN IS (E) TO REMAIN, U.O.N.
- 2. CLEAN & REPAIR ALL SURFACES SCHEDULED TO BE COVERED TO SUIT THE REQ'TS OF THE (N) SPEC'D ITEM.
- 3. CONTRACTOR SHALL REMOVE & REINSTALL ALL ITEMS INDICATED AS (E) TO REMAIN IF IN WAY OF (N) WORK INCLUDING: (SEE ELECT. DWGS) - F.A. DEVICES, LIGHT FIXTURES, ETC.
- 4. WORK AT CEILINGS, SEE SHT A4.10 & A4.11
- 5. DOOR TYPES: SEE I/A7.I
- 6. ALL DIMENSIONS ARE TO F.O. (E) WALL, F.O. (N) STUD & CENTERLINE OF FIXTURE U.O.N. ALL "CLEAR" DIMENSIONS ARE TO FACE OF

KEYED NOTES

FIRE EXTINGUISHER & CABINET

- A. (E) 2AIOBC FIRE EXTINGUISHER & CABINET RELOCATE TO THIS LOCATION W/ CURRENT CERTIFICATION TAG ATTACHED B. (E) 2AIOBC FIRE EXTINGUISHER & WALL BRACKET RELOCATE TO THIS LOCATION W/ CURRENT CERTIFICATION TAG ATTACHED
- A. NEW, SEE DTL. 3.1/A7.1 B. EXISTING - FOR INTERIOR FINISH WORK SEE, DTL. 3.2/A7.1
- (N) SIGNAGE, SEE DTL. 4/A6.1
- STRUCTURAL COLUMN, NO CHANGE
- (N) EXT. & INT. INFILL, PATCH WALL FINISH TO MATCH (E), PAINT. SEE
- PATCH (E) G.W.B. DAMAGED BY DEMOLITION WORK. PREP (E) SURFACE PER SPEC.
- (N) HALF WALL, SEE DTL. 6/A6.1

LEGEND

(E) FRAME WALL

(N) FRAME WALL, SEE DTL. I/A6.1

- DOOR NUMBER - HARDWARE GROUP, SEE SPEC
- PANIC HARDWARE, SEE HARDWARE GROUPS

Xrefs:

- WINDOW TYPE, SEE SHT. A7.I

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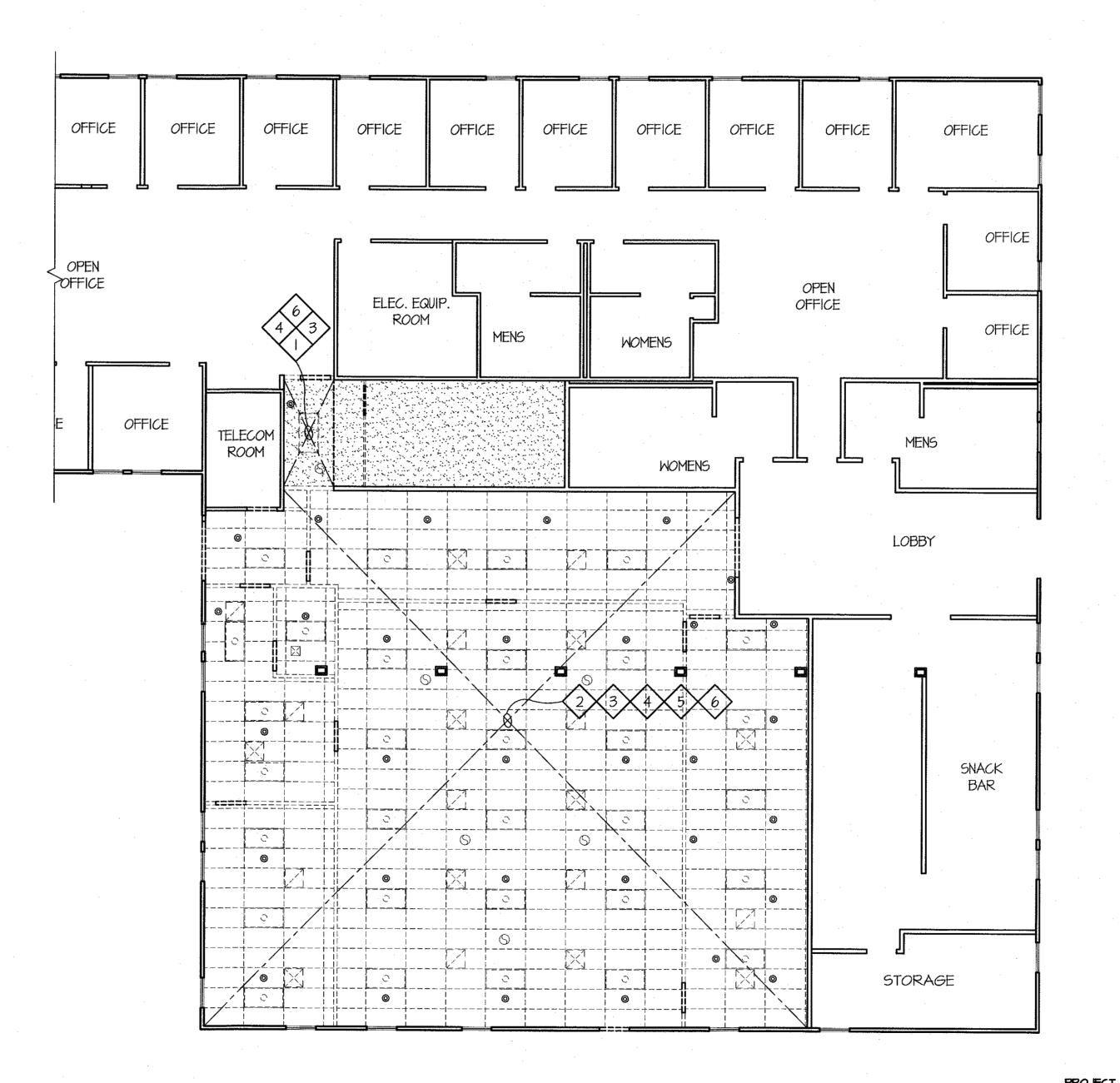
CHIEC

COMPLEX

NEW FLOOR PLAN

HEET NUMBER

NOVEMBER 26, 2012 DRAWN



DEMO REFLECTIVE CEILING PLAN

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

GENERAL NOTES

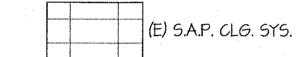
- I. EVERYTHING SHOWN IS (E) TO REMAIN, U.O.N.
- SEE PLUMBING/MECHANICAL & ELECTRICAL DWGS FOR ADDITIONAL DEMO WORK.
- 3. FOR INFO NOT NOTED, SEE PLANS.

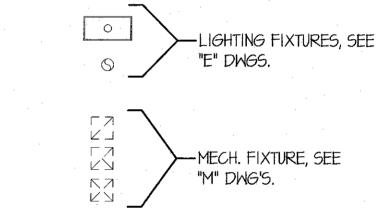
KEYED NOTES

- REMOVE PORTION OF GYP. BD. FINISH & WD. CLG, FRAMING IN WAY OF (N) WORK WAY OF (N) WORK.
- REMOVE SUSP. ACOUS CLG. GRID, PANEL, ETC. IN WAY OF (N)
 WORK, (E) ROOF FRAMING TO REMAIN. WORK, (E) ROOF FRAMING TO REMAIN.
- REMOVE HVAC REGISTERS/DUCTWORK IN WAY OF (N) WORK, SEE MECH. DWGS.
- REMOVE LIGHT FIXTURES, IN WAY OF (N) WORK, SEE ELECT. DWGS.
- REMOVE & RE-INSTALL ALL DEVICES & SIGNAGE (EXIT SIGNS, FA DEVICES, MOTION SENSORS, ETC. IN CONTACT WITH CEILING. CONTRACTOR SHALL DOCUMENT ALL (E) LOCATIONS PRIOR TO DEMOLITION, SEE SPECS.
- REMOVE FIRE SPRINKLER HEADS, CAP PIPING ABOVE (N) FINISH SURFACES PREPARE FOR (N) LAYOUT.

LEGEND

(E) GYPSUM WALLBOARD

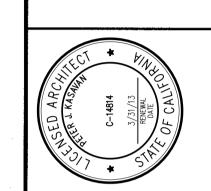




"M" DWG'S.

-MECH. FIXTURE, SEE

DEMO OF ITEMS PER THIS CONTRACT

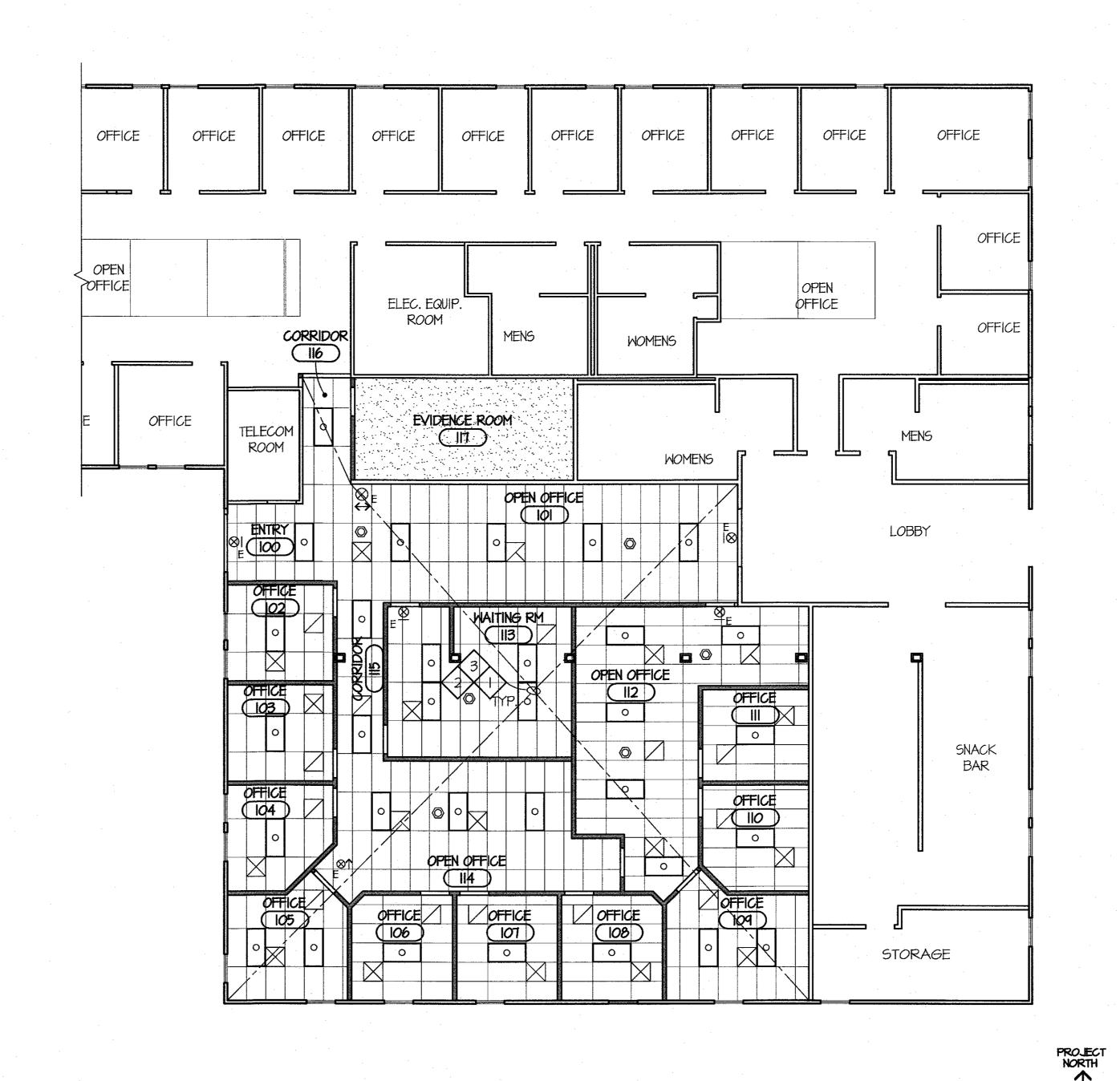


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A4.10

DATE: NOVEMBER 26, 2012 1224

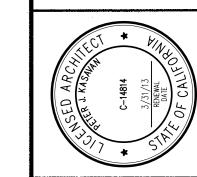


GENERAL NOTES

- I. EVERYTHING SHOWN IS (E) TO REMAIN, U.O.N.
- 2. SEE PLUMBING/MECHANICAL & ELECTRICAL DWGS FOR ADDITIONAL DEMO WORK.
- 3. FOR INFO NOT NOTED, SEE PLANS.
- 4. (E) & (N) SPRINKLER HEAD LOCATIONS ARE GENERAL. CONTRACTOR SHALL VERIFY EXACT LOCATIONS IN FIELD.

KEYED NOTES

- (N) SUSP. ACOUS. CLG. GRID & PANELS, SEE FINISH SCHEDULE AND DTL. 2/A6.I
- (N) FIXTURES, SEE ELECT. DWGS.
- (N) HVAC REGISTERS OR (N) LOCATION FOR (E) REGISTER, SEE MECH. DWGS

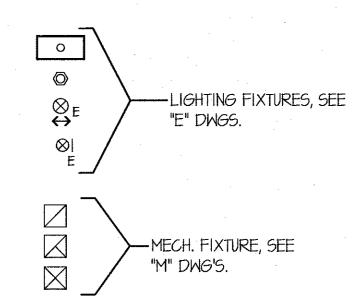


ARCHITEC

LEGEND

(E) GYPSUM WALLBOARD

(N) S.A.P. CLG. SYS.



-MECH. FIXTURE, SEE

"M" DWG'S.

NEW REFLECTED CEILING PLAN

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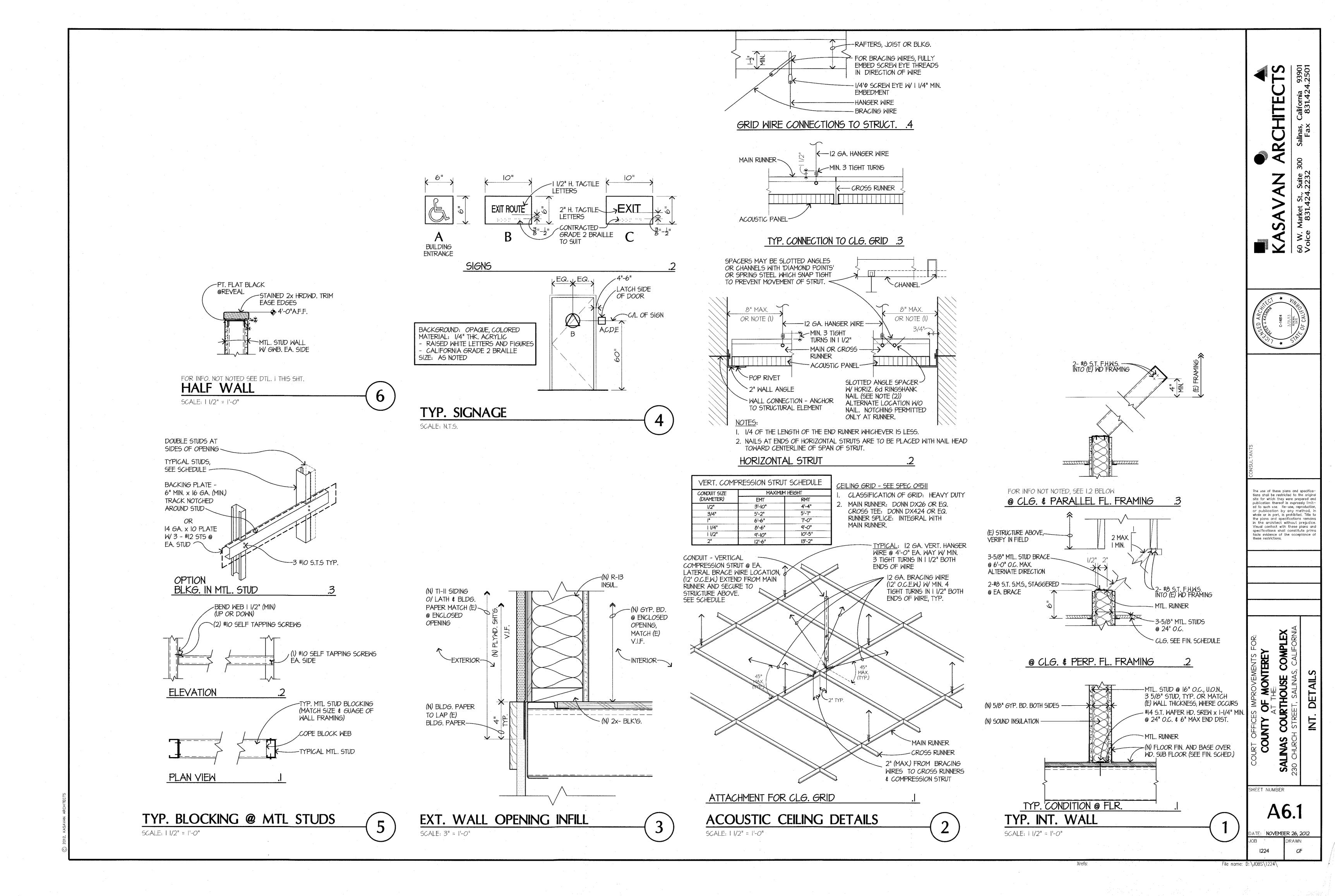
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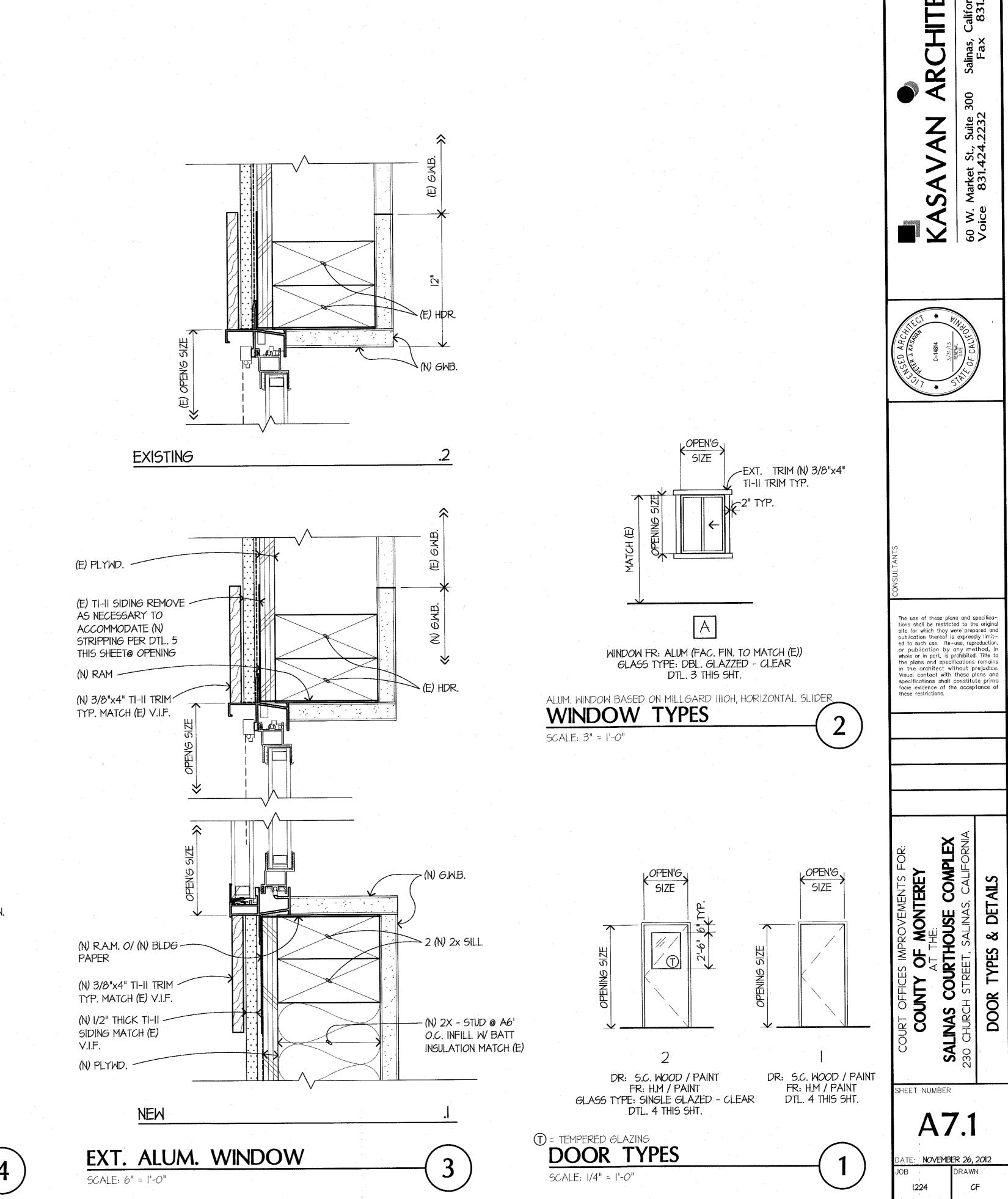
DATE: NOVEMBER 26, 2012 1224

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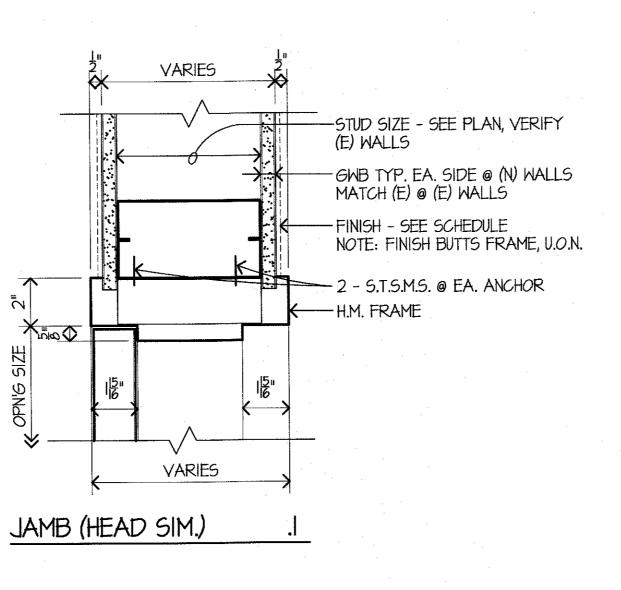
NEW REFLECTED CEILING PLAN

SCALE: 1/8"= 1'-0" 16 FEET





HEAD STRIP - LAPS O/ HEAD \ FLASHING & JAMB STRIP BLDG. PAPER LAPS O/ HEAD STRIP JAMB STRIP - LAPS -O/ SILL STRIP TURN INTO FRAMING STRIPPING: RUBBERIZED ADHERED MEMBRANE (RAM) (VYCOR ULTRA SELF-ADHERED UNDERLAYMENT BY W.R. GRACE CO. OR APPROVED EQUAL) SILL STRIP - LAPS — O/ BLDG. PAPER



STRIPPING @ EXT. OPENINGS SCALE: N.T.S.

(N) INT. H.M. DOOR FRAME SCALE: 3" = 1'-0"

ATE: NOVEMBER 26, 2012

TYPES & DETAILS

File name: D:\JOBS\1224\A7.1.DWG

2. ASBESTOS ABATEMENT BY OTHERS ON THIS PROJECT. ANY REQUIRED ASBESTOS ABATEMENT WORK WILL BE PROVIDED BY OTHERS. AREAS SUSPECTED OF ASBESTOS CONTAMINATION WHICH INTERFERE WITH WORK UNDER THIS PROJECT SHALL BE IDENTIFIED DURING THE EARLY PHASES OF CONSTRUCTION IN ORDER TO PROVIDE FOR TIMELY DISPOSITION. NO DELAYS IN CONSTRUCTION SCHEDULE WILL BE ALLOWED DUE TO IMPROPER COORDINATION.

3. MECHANICAL CONTRACTOR SHALL NOTIFY GENERAL CONTRACTOR TO REPAIR WALL, FLOOR, AND CEILING SURFACES AS REQUIRED DUE TO DEMOLITION OR INSTALLATION WORK.

4. REMOVE ALL ABANDONED PIPING, DUCT WORK, WIRING, EQUIPMENT, AND FIXTURES INTERFERING WITH NEW WORK WHETHER NEW WORK IS ARCHITECTURAL, STRUCTURAL, MECHANICAL, OR ELECTRICAL.

5. CUTTING OR CORING OF STRUCTURAL MEMBERS OR FOOTINGS IS PROHIBITED WITHOUT THE PRIOR WRITTEN APPROVAL OF THE DSA, STRUCTURAL SAFETY DIVISION.

6. CONTRACTOR SHALL VERIFY THAT THE ELECTRICAL CONNECTIONS TO THE UNITS, INCLUDING CIRCUIT PROTECTION, CONFORM TO UNIT LABELS AND MANUFACTURER'S DIRECTIONS. WHERE WIRE SIZES SHOWN ON DRAWING EXCEED MANUFACTURER'S RECOMMENDATIONS, THE DRAWINGS SHALL GOVERN. ALL WIRING SHALL BE PER THE NATIONAL ELECTRICAL CODE. AS AMENDED AND ENFORCED BY JURISDICTIONAL AUTHORITY.

7. COMPLETELY CLEAN ALL DUCTWORK BEING REUSED, INCLUDING SUPPLY, RETURN AND EXHAUST. MECHANICALLY CLEAN AND VACUUM INTERIOR OF DUCTS. ALL METHODS AND MATERIALS PER LATEST

8. COORDINATE ALL MECHANICAL LAYOUTS SHOWING EQUIPMENT, DUCTWORK, REGISTERS, PIPING, FILTER RACKS, CONTROL DAMPERS, LIGHTS, ACCESS PANELS AND ACCESS SPACES, ETC.. OBTAIN WITH APPROVED FIRE SPRINKLER PLUMBING, ELECTRICAL, CASE WORK AND OTHER TRADES SHOP DRAWINGS PRIOR TO MECHANICAL DRAWING SUBMITTAL.

9. COORDINATE EXACT GRILLE, DIFFUSER AND ACCESS DOOR LAYOUT WITH LIGHTS AND SPRINKLERS.

10. SUPPORT DUCTS TIGHT BELOW STRUCTURE WHEREVER POSSIBLE.

11. COORDINATE WITH OWNER ON SPACE REQUIRED AND TIME SCHEDULE FOR DELIVERY OF ALL ITEMS WHICH ARE TO BE GIVEN TO THE OWNER FOR HIS DISPOSITION.

12. FOR ROOF PENETRATIONS WITHOUT CURBS, PROVIDE WEATHERPROOF FLASHING PER SMACNA ARCHITECTURAL SHEET METAL MANUAL AND DRAWING NOTES.

13. ALL TRANSITIONS IN DUCTWORK SHALL BE MADE AT 15 DEGREES MAXIMUM EACH FACE UNLESS OTHERWISE NOTED OR SPECIFICALLY APPROVED.

14. ALL DUCTWORK IS CONCEALED UNLESS OTHERWISE NOTED.

15. LABEL ALL PIECES OF EQUIPMENT WITH MARK MATCHING SCHEDULE OR EQUIPMENT LIST WITH ENGRAVED PLASTIC LABELS WITH MINIMUM 1/4" HIGH LETTERS.

16. ALL DUCTS, REGISTERS, EQUIPMENT, ETC. SHOWN IS NEW UNLESS OTHERWISE NOTED.

17. THE HEATING, VENTILATION AND AIR CONDITIONING SYSTEM(S) FOR THE BUILDING(S) WERE DESIGNED IN COMPLIANCE WITH THE LATEST EDITIONS OF THE CALIFORNIA CODES, STANDARDS AND REGULATIONS INCLUDING BUT NOT LIMITED TO CALIFORNIA MECHANICAL CODE (CMC), CALIFORNIA ENERGY CODE (CEC - TITLE 24, PART 6), AMERICAN SOCIETY OF HEATING, REFRIGERATION AND AIR CONDITIONING ENGINEERS (ASHRAE) AND SHEET METAL AND AIR CONDITIONING CONTRACTORS NATIONAL ASSOCIATION (SMACNA).

THE INDOOR AND OUTDOOR DESIGN CONDITIONS ARE THOSE ESTABLISHED FOR SALINAS BY THE CALIFORNIA ENERGY CODE AS FOLLOWS:

1. OUTDOOR CONDITIONS SUMMER: 82°F DB/66°F WB

WINTER: 70°F DB ±2°F

WINTER: 28°F DB 2. INDOOR CONDITIONS SUMMER: 74°F DB ±2°F

IF THE OUTDOOR TEMPERATURES ARE HIGHER OR LOWER THAN DESIGN TEMPERATURES ESTABLISHED BY THE CALIFORNIA ENERGY CODE, THERE IS THE POTENTIAL THAT THE INSTALLED HVAC SYSTEM WILL NOT BE ABLE TO MAINTAIN THE DESIRED INDOOR TEMPERATURE. THE INCREASE OR DECREASE OF INDOOR TEMPERATURE COULD BE AS HIGH AS THE DIFFERENCE BETWEEN THE ACTUAL OUTDOOR TEMPERATURE AND THE DESIGN CONDITION.

18. ADHESIVES, SEALANTS AND CAULKS USED INDOORS SHALL NOT EXCEED THE FOLLOWING VOLATILE ORGANIC COMPOUND LIMITS PER TITLE 24, PART 11, SECTION 5.504.

• METAL TO METAL < 30 GRAMS PER LITER • FIBERGLASS < 80 GRAMS PER LITER • CONTACT ADHESIVE < 80 GRAMS PER LITER • MASTICS < 100 GRAMS PER LITER

• ZINC-RICH PRIMERS < 340 GRAMS PER LITER •FIRE RESISTANT COATINGS < 50 GRAMS PER LITER

19. AT THE TIME OF ROUGH INSTALLATION, OR DURING STORAGE ON THE CONSTRUCTION SITE AND UNTIL FINAL STARTUP OF THE HEATING AND COOLING EQUIPMENT, ALL DUCT AND OTHER RELATED AIR DISTRIBUTION COMPONENTS OPENINGS SHALL BE COVERED WITH TAPE, PLASTIC OR SHEET METAL TO PROTECT THE AIR DISTRIBUTION SYSTEM FROM CONTAMINATION WITH DUST AND DEBRIS.

20. WORK INVOLVES DISCONNECTING REFRIGERANT SYSTEMS AND COMPONENTS USING CHLORO-FLUORO CARBON (CFC) AND/OR HALOGINATED CHLORO-FLUORO CARBON (HCFC). WITH THE POTENTIAL FOR RELEASE OF THESE PRODUCTS TO THE ATMOSPHERE, CONTRACTOR IS TO PROVIDE ALL NECESSARY EQUIPMENT, FITTINGS AND CONTAINERS NECESSARY TO RECOVER, REPROCESS OR RECYCLE ALL REFRIGERANTS IN CONFORMANCE WITH THE CLEAN AIR ACT AMENDMENT OF 1990. PERSONNEL CONDUCTING THE PROCESSES SHALL BE CERTIFIED PER THE ABOVE REGULATIONS.

FANS										
MARK	LOCATION	СҒМ	ESP	SONES	M WATTS	OTOR V/PH	FAN RPM	WT LBS	MAKE & MODEL	REMARKS
<u>EF-1</u>	OPEN OFFICE 112	200	.25"	.8	43	115/1	890	23	GREENHECK CSP-A200	1 2
<u>EF-2</u>	OPEN OFFICE 101	200	.25"	.8	43	115/1	890	23	GREENHECK CSP-A200	1 2
<u>EF-3</u>	OPEN OFFICE 114	200	.25"	.8	43	115/1	890	23	GREENHECK CSP-A200	1 2

(1) IN-LINE CABINET FAN

(2) FURNISH WITH MODEL 5WSSC SPEED CONTROL, RJ-6X9 ROOF JACK AND ROC-8 ROUND DUCT CONNECTION, SEE M2/M0.1

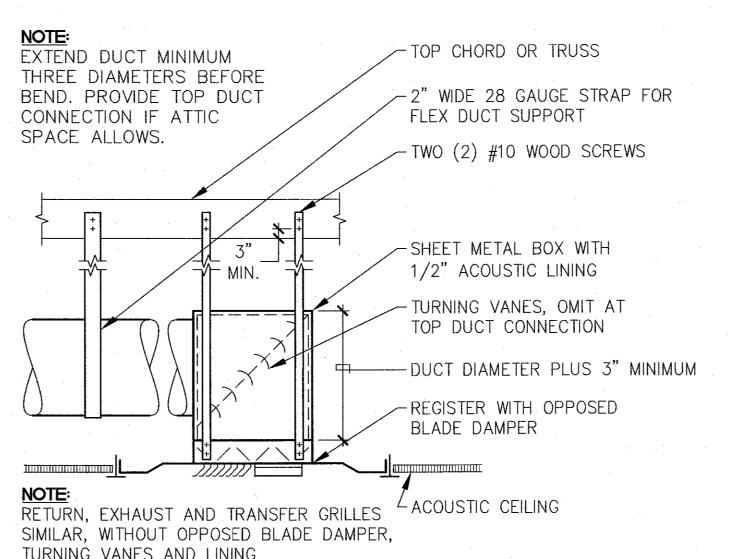
	AIR DISTRIBUTION									
MARK	TYPE	MAKE & MODEL	REMARKS							
<u>SD-1</u>	SUPPLY DIFFUSER	TITUS, MCD	1							
<u>RG-1</u>	RETURN GRILLE	TITUS, 8FF	1 2							
<u>EG-1</u>	EXHAUST GRILLE	TITUS, 8F	1							

(1) BORDER TYPE 3 FOR T-BAR CEILING, SEE 1/M0.1

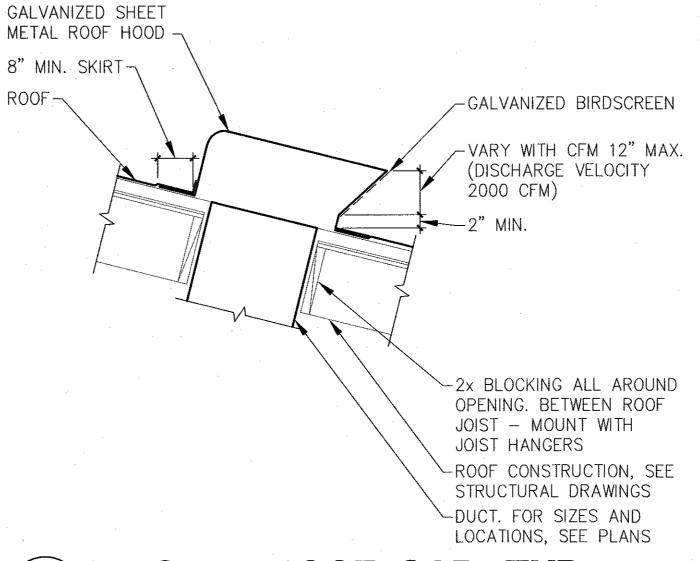
22 GAUGE

NO SCALE

(2) PROVIDE 1" MERV 8 FILTERS



	.,26 ,3
1	DIFFUSER MOUNTING T-BAR CEILING
MO1	NO SCALE



PITCHED ROOF CAP, TYP.

SYMBOL	ABBRV.	IDENTIFICATION	ABBRV.	IDENTIFICATION
		AIR DUCT	FT	FEET
	-	UNDER GROUND AIR DUCT	FT HD	FEET HEAD
	BD	BALANCING DAMPER	FTR	FLUE THRU ROOF
		AIR FROM DEVICE	GPM	GALLONS PER MINUTE
1/		AIR TO DEVICE	GALV	GALVANIZED
		SECTION THROUGH SUPPLY	GA	GAUGE
		SECTION THROUGH RETURN	GC	GENERAL CONTRACTOR
	<u> </u>	AND	HP	HORSEPOWER
		SECTION THROUGH EXHAUST		
		THERMOSTAT	HR	HOUR
		TEMPERATURE SENSOR	HTG	HEATING
×	·	SPIN-IN EXTRACTOR/DAMPER	HZ	HERTZ
HWS	HWS	HEATING WATER SUPPLY	ID	INSIDE DIAMETER
HWR	HWR	HEATING WATER RETURN	IN	INCH
CWS	CWS	COOLING WATER SUPPLY	INT	INTERIOR
CWR	CWR	COOLING WATER RETURN	- KW	KILOWATTS
CHWS	CHWS	CHILLED WATER SUPPLY	LAT	LEAVING AIR TEMPERATURE
CHWR	CHWR	CHILLED WATER RETURN	LBS	POUNDS
F/D	F/D	VERTICAL FIRE DAMPER	LG	LONG
◆ F/D	F/D	HORIZONTAL FIRE DAMPER	LRA	LOCKED ROTOR AMPS
✓ F/SD	F/SD	VERTICAL FIRE/SMOKE DAMPER	LVG	LEAVING
→ F/SD	F/SD	HORIZONTAL FIRE/SMOKE DAMPER	LWT	LEAVING WATER TEMPERATURE
ØBT	-	BYPASS TIMER	LWB	LEAVING WET BULB
\$	SW	SWITCH	MAX	MAXIMUM
<u>Ψ</u>	- **	CENTERLINE	MBH	1000 BTU PER HOUR
•	P.O.C.	POINT OF CONNECTION	MCA	MINIMUM CIRCUIT AMPS
	& &	AND	MCC	MOTOR CONTROL CENTER
	@	AT	MCP	MECHANICAL CONTROL PANEL
and the substitute of the Subs		DEGREES FAHRENHEIT	MECH	MECHANICAL CONTROL PANEL
	°F		MECH	A CONTRACTOR OF THE CONTRACTOR
h-Aud WARREN	AC (II	AIR CONDITIONER		MANUFACTURER
	AC/H	AR CHANGES PER HOUR	MIN	MINIMUM MAYIMUM OVERGURBENT DEGLECTION
	AFF	ABOVE FINISH FLOOR	MOCP	MAXIMUM OVERCURRENT PROTECTION
·	AFUE	ANNUAL FUEL UTILIZATION EFFICIENCY	(N)	NEW
	AGGR	AGGREGATE	NC	NORMALLY CLOSED
	AL	ACOUSTICALLY LINED	NIC	NOT IN CONTRACT
	AMB	AMBIENT	NO	NORMALLY OPEN
	AMP	AMPERE	NTS	NOT TO SCALE
	APPROX	APPROXIMATE	OA	OUTSIDE AIR
	BDD	BACKDRAFT DAMPER	OBD	OPPOSED BLADE DAMPER
	ВНР	BRAKE HORSEPOWER	oc	ON CENTER
	ВЈ	BETWEEN JOISTS	OD	OUTSIDE DIAMETER
	BTUH	BRITISH THERMAL UNITS PER HOUR	OV	OUTLET VELOCITY
,	CA	COMBUSTION AIR	PD	PRESSURE DROP
	CFM	CUBIC FEET PER MINUTE	PH	PHASE
	CIRC	CIRCULATING	P/N	PÄRT NUMBER:
	CONN	CONNECTION	PRESS	PRESSURE
	COOL	COOLING	PSI	POUNDS PER SQUARE INCH
	COORD	COORDINATE	P/T	PRESSURE/TEMPERATURE
		COEFFICIENT OF PERFORMANCE	QTY	QUANTITY
	COP	A A MARKET WARRY WARRY CO.		
	CV	COEFFICIENT OF FLOW	RA	RETURN AIR
	DB	DRY BULB	RLA	RATED/RUNNING LOAD AMPS
	DG	DOOR GRILLE	RPM	REVOLUTIONS PER MINUTE
· · · · · · · · · · · · · · · · · · ·	D/L	DOOR LOUVER	SA	SUPPLY AIR
	DN	DOWN	SC	SENSIBLE COOLING
	DWGS	DRAWINGS	SEER	SEASONAL ENERGY EFFICIENCY RATIO
	(E)	EXISTING	SOV	SHUT-OFF VALVE
	. EA	EXHAUST AIR	SP	STATIC PRESSURE
	EAT	ENTERING AIR TEMPERATURE	TC	TIME CLOCK/TOTAL COOLING
	EER	ENERGY EFFICIENCY RATIO	TDH	TOTAL DYNAMIC HEAD
	EF ·	EXHAUST FAN	TEMP	TEMPERATURE
	ELEV	ELEVATION	TSP	TOTAL STATIC PRESSURE
.,	EMBT	EMBEDMENT	TV	TURNING VANES
	ENT	ENTERING	TYP	TYPICAL
	EQUIP	EQUIPMENT	UCD	UNDERCUT DOOR
	ESP	EXTERNAL STATIC PRESSURE	UL	UNDERWRITER'S LABORATORIES
	 			
	EWB	ENTERING WET BULB	UON	UNLESS OTHERWISE NOTED
	EWT	ENTERING WATER TEMPERATURE	V	VOLT
	FFE	FINISHED FLOOR ELEVATION	W/	WITH
	FLA	FULL LOAD AMPS	WB	WET BULB
	FLEX	FLEXIBLE	WC	WATER COLUMN
	FLR	FLOOR	WT.	WEIGHT
	1	i :		· · · · · · · · · · · · · · · · · · ·

HVAC LEGEND





ENGINI SSOCIATE S ENGINEEI

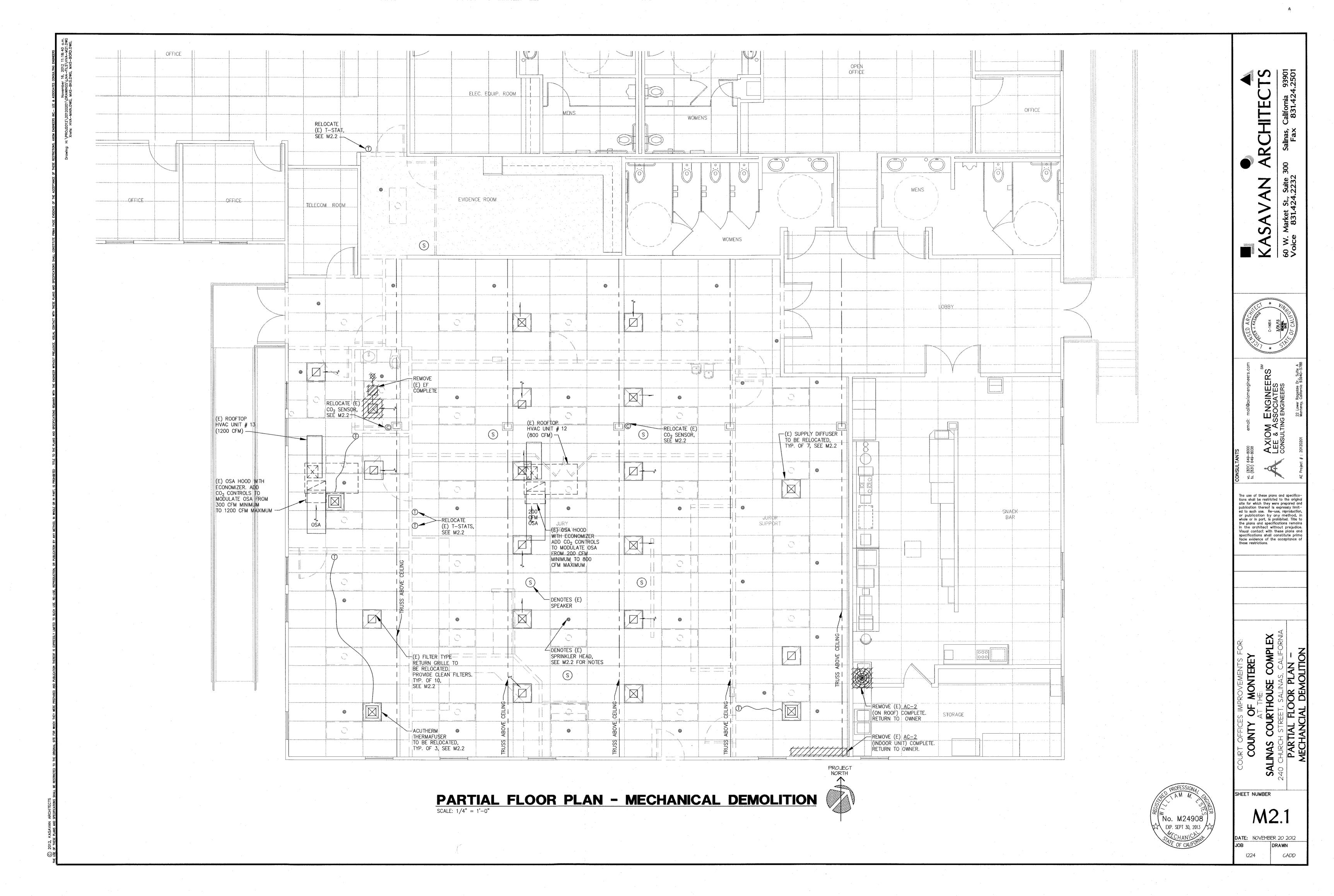
يخ لأ The use of these plans and specifical tions shall be restricted to the original site for which they were prepared and publication thereof is expressly limit-ed to such use. Re-use, reproduction whole or in part, is prohibited. Title the plans and specifications remains in the architect without prejudice. Visual contact with these plans and specifications shall constitute prima facie evidence of the acceptance of

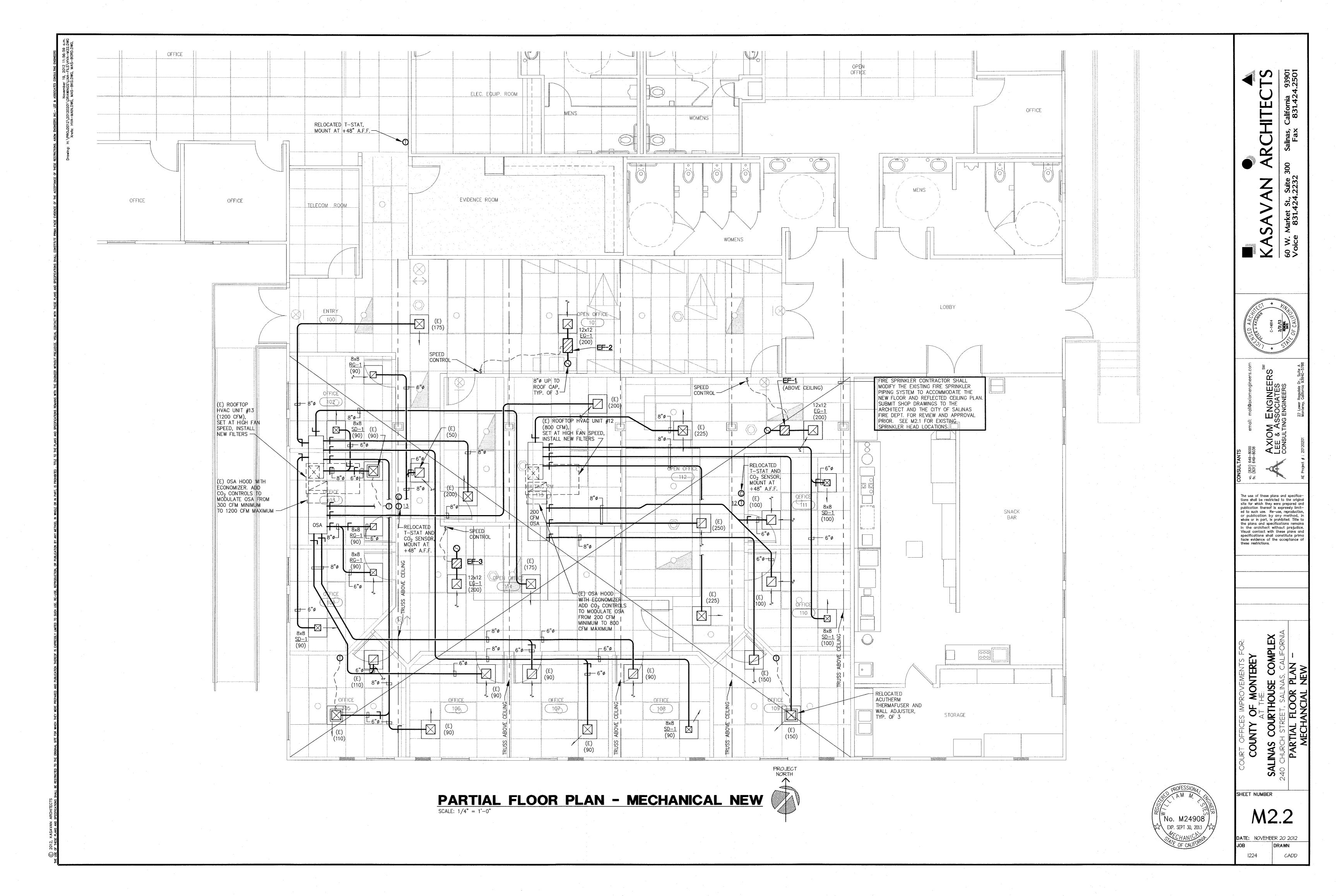
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SHEET NUMBER

ATE: NOVEMBER 20 2012

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LIGHT FIXTURE SCHEDULE

FIXTURE NOTES:

- ALL FLUORESCENT LIGHT FIXTURE BALLASTS SHALL BE ELECTRONIC TYPE, 10% TOTAL HARMONIC DISTORTION MAXIMUM.
- 2. ALL FLUORESCENT LIGHT FIXTURE LAMPS SHALL BE ENERGY SAVING 3500° K. 80 CRI MINIMUM, U.O.N. (SEE SPECIFICATIONS FOR MORE INFORMATION).
- 3. ALL FLUORESCENT BALLASTS (AND ASSOC. FIXTS.) SHALL HAVE MANUFACTURER'S CERTIFICATION OF COMPLIANCE WITH CALIFORNIA ENERGY COMMISSION STANDARDS AND REQUIREMENTS, WHERE SUCH ARE USED IN CONDITIONED SPACES.
- 4. ALL RECESSED INCANDESCENT LIGHT FIXTURES SHALL BE U.L. APPROVED FOR ZERO CLEARANCE INSULATION COVER WHEN INSTALLED IN INSULATED CEILINGS.
- 5. ALL LINEAR FLUORESCENT FIXTURES SHALL BE FURNISHED WITH A DISCONNECTING MEANS COMPLYING WITH C.E.C. 410.73 (G).
- 6. EXIT SIGNS, EMERGENCY LIGHTS AND LIGHT FIXTURES WITH EMERGENCY BATTERY BACK-UP SHALL SUPPLY A MINIMUM DURATION OF 90 MINUTES OF POWER IN THE EVENT OF A POWER OUTAGE/FAILURE.

TYPE	DESCRIPTION	LAMPS	MANUFACTURER
A	2' × 4' × 5 3/4"D T-BAR MTD. LAY-IN FLUORESCENT LIGHT FIXTURE, 18 CELL, 3" DEEP SEMI-SPECULAR LOW IRIDESCENCE PARABOLIC LOUVERS, MULTI-STAGE PHOSPHATE TREATED HOUSING, BAKED WHITE ENAMEL FINISH, STATIC AIR FUNCTION, 1/1 \$ 1/2 ELECTRONIC BALLASTS, 120V.	(3) F32 T8	DAY BRITE LP3 SERIES
AE	SAME AS FIXTURE TYPE "A" EXCEPT WITH INTEGRAL 2-LAMP SELF CONTAINED EMERGENCY POWER PACK, 120V.	(3) F32 T8	DAY BRITE LP3 SERIES
В	SAME AS FIXTURE TYPE "A" EXCEPT 2-LAMP, 1/2 ELECTRONIC BALLAST \$ 12 CELL.	(2) F32 T8	DAY BRITE LP3 SERIES
BE	SAME AS FIXTURE TYPE "B" EXCEPT W INTEGRAL 2-LAMP SELF CONTAINED EMERGENCY POWER PACK, 120V.	(2) F32 T8	DAY BRITE LP3 SERIES
E	LED EXIT SIGN TO MATCH EXISTING, MAINTENANCE FREE, FULLY AUTOMATIC, SOLID STATE CHARGER, NICKEL CADMIUM BATTERY, SPECTRON SELF TESTING, SEE PLANS FOR NUMBER OF FACES, ARROWS AND MOUNTING REQUIRED, 120V.	LED INCLUDED WITH FIXT.	DUAL LITE FIELD VERIFY
(R)	SALVAGED 2' x 4', T-BAR MTD. LAY-IN FLUORESCENT LIGHT FIXTURE, 18 CELL, PARABOLIC LOUVERS, 120V. CLEAN AND RE-LAMP WITH NEW LAMPS.	(3) F32 T8	

ELECTRICAL SYMBOLS & ABBREVIATIONS SYMBOLS & ABBREVIATIONS SHOWN ARE FOR GENERAL USE. DISREGARD THOSE WHICH DO NOT APPEAR ON THE PLANS. DEDICATED RECEPTACLE WITH CIRCUIT BREAKER. FIRE ALARM FLUORESCENT LUMINAIRE - SEE SCHEDULE. DEDICATED NEUTRAL * GROUND ROD WITH GROUNDWELL BOX

RECEPTACLE DOUBLE DUPLEX * EMERGENCY OR NIGHT LIGHT HALF SWITCHED RECEPTACLE - DUPLEX 🛠 STRIP FLUORESCENT LUMINAIRE -SEE SCHEDULE. LUMINAIRE - RECESSED - SEE SCHEDULE SINGLE RECEPTACLE *

RECESSED WALL WASHER CONVENIENCE RECEPTACLE - DUPLEX CEILING MOUNTED LUMINAIRE - SURFACE MOUNTED -SEE SCHEDULE. FLOOR MOUNTED DUPLEX RECEPTACLE

LUMINAIRE - POLE OR POST MOUNTED -SEE SCHEDULE. LUMINAIRE - WALL MOUNTED SEE SCHEDULE.

BOLLARD OR PATH LIGHT - SEE SCHEDULE EXIT LIGHT - DIRECTIONAL ARROWS AS INDICATED - SEE SCHEDULE.

Q Q QTRACK LIGHTING - SEE SCHEDULE EMERGENCY EXIT LIGHT. SINGLE POLE SWITCH ** SINGLE POLE SWITCH, ** a = CIRCUIT CONTROLLED.

THREE WAY SWITCH * * FOUR WAY SWITCH ** MANUAL MOTOR STARTER KEY OPERATED SWITCH **

LIGHTING DIMMER ** L.V. SWITCH 米米 WALL OCCUPANCY SENSOR **

DOUBLE SWITCHED WALL OCCUPANCY SENSOR * * LIGHTING CONTROL OCCUPANCY SENSOR CEILING MOUNTED U.O.N. LIGHTING CONTROL OCCUPANCY SENSOR CORNER MOUNTED

SECURITY DOOR CONTACTS. SECURITY MOTION DETECTOR CCTY CAMERA

CONVENIENCE RECEPTACLE - DUPLEX * DUPLEX RECEPTACLE MOUNTED ABOVE COUNTER - FIELD VERIFY HEIGHT GFCI CONVENIENCE RECEPTACLE - DUPLEX *

JUNCTION BOX - CEILING OR WALL MOUNTED, SIZE PER CODE, TAPE AND TAG WIRES. MOTOR CONNECTION NON-FUSED DISCONNECT SWITCH FUSED DISCONNECT SWITCH. FUSED WITH DUAL-ELEMENT FUSES SIZED PER EQUIPMENT MFGR'S NAMEPLATE DATA. COMBINATION STARTER/FUSED DISCONNECT SWITCH; FUSED DISCONNECT SWITCH ELEMENT PUSES SIZED PER EQUIPMENT MFGRS NAMEPLATE DATA.

MAGNETIC STARTER - NEMA SIZE INDICATED.

NEMA SR ENCLOSURE UNLESS OTHERWISE SPECIFIED.

FLOOR MOUNTED BOX

POWER POLE

TY OUTLET *

DRAWINGS *

POWER OUTLET, SEE PLANS FOR NEMA TYPE *

VOICE/DATA WALL OUTLET - INSTALL ABOVE

COUNTER - FIELD VERIFY HEIGHT

DATA WALL OUTLET NEAR CEILING -

FLOOR MOUNTED VOICE/DATA OUTLET

INTERIOR SPEAKERS CEILING MOUNTED.

CLOCK +8'-0" AFF U.O.N. VERIFY BEFORE

THERMOSTAT - ROUTE 1/2" CONDUIT TO

UNIT SERVED, VERIFY WITH MECHANICAL

INTERIOR SPEAKERS WALL MOUNTED.

PANELBOARD - FLUSH MOUNTED.

EQUIPMENT PANEL - FLUSH MOUNTED

PANELBOARD - SURFACE MOUNTED.

METER W/ CURRENT TRANSFORMER.

EQUIPMENT PANEL - SURFACE MOUNTED

VOICE/DATA WALL OUTLET *

GROUND ELECTRODE NORMALLY OPEN CONTACT. NORMALLY CLOSED CONTACT. TRANSFORMER - SEE SINGLE LINE FOR SIZE. **PULLBOX** FLEX CONDUIT WITH CONNECTION CONDUIT - UP. CONDUIT - DOWN. --- E --- CONDUIT EMERGENCY SYSTEM. --- T --- CONDUIT - TELEPHONE CONDUIT - TELEVISION LOW VOLTAGE WIRING SURFACE METAL OR NON-METALLIC RACEWAY

CONDUIT - CONCEALED IN WALLS OR CEILING. CONDUIT - EXISTING

CONDUIT - BELOW SLAB OR UNDERGROUND: 3/4"MIN. CAPPED CONDUIT. STUB-OUT CONDUIT CONTINUATION.

CONDUIT - HOME RUN TO PANEL, TERMINAL CABINET, ETC. RUNS MARKED WITH CROSSHATCHES INDICATE NUMBER OF #12 AMG WIRES WHEN MORE THAN TWO. SIZE CONDUIT ACCORDING TO SPECIFICATIONS AND APPLICABLE CODE. CROSS HATCHES WITH NUMBER ADJACENT INDICATES WIRE SIZE OTHER THAN #12AMS.

SHEET NOTE REFERENCE SYMBOL: SEE ASSOCIATED NOTE ON SAME SHEET.

NOTE ON SAME SHEET. -DETAIL NUMBER DETAIL OR SECTION REFERENCE - SHEET NUMBER

-INDICATES QUANTITY OF TELEPHONE OUTLETS -INDICATES QUANTITY OF DATA OUTLETS

SEE ASSOCIATED NOTE ON SAME DETAIL FEEDER DESIGNATION SEE ASSOCIATED NOTE ON SAME DETAIL

ABOVE FINISHED FLOOR ALUM/AL ALUMINUM ARCHITECT AMERICAN WIRE NO. BREAKER NTS CONDUIT CATY CABLE TV CIRCUIT BREAKER CB CCTV CLOSED CIRCUIT T CKT CENTER LINE CLG CEILING CO CONDUIT ONLY CTR DIM DIMENSION DISTRIBUTION EXISTING

ELECTRICAL CONTRACTOR EMERGENCY ELECTRICAL EQUIPMENT FIRE ALARM FACP FIRE ALARM CONTROL PANEL

FLUOR

GND.

INCAND

FLOW SWITCH POST INDICATING VALVE FIRE SMOKE DAMPER

FIRE SYSTEM ANNUNCIATOR

ELEVATOR STATUS/RECALL

FIRE ALARM COMMUNICATOR

REMOTE ANNUNCIATORS

TAMPER SWITCH

SEE FIRE ALARM DRAWINGS FOR

STROBE ONLY

HORN ONLY

MINI HORN

HORN/STROBE

HEAT DETECTOR

SMOKE DETECTOR

DUCT SMOKE DETECTOR

QUANTITIES AND MOUNTING HEIGHTS.

MANUAL PULL STATION

BELL (GONG) FIRE ALARM CONTROL PANEL AUXILIARY POWER SUPPLY

FIRE ALARM TRANSPONDER OR TRANSMITTER

SCHEDULE SYMBOL; SEE ASSOCIATED

DETAIL NOTE REFERENCE SYMBOL

ABBREVIATIONS

NOT IN ELECTRICAL CONTRACT NIGHT LIGHT NOMINA NOT TO SCALE OVERALL HEIGHT ON CENTER OVERHEAD PUBLIC ADDRESS PULL BOX POWER FACTOR PASSIVE INFRARED PHOTOVOLTAIC POLYVINYL CHLORIDE POWER EXISTING TO BE REMOVED EVENING LIGHT REMOVABLE POLE RECPT'S RECEPTACLES REQD REQUIRED METALLIC TUBING REQMT'S

REQUIREMENT(S) SINGLE LINE DIAGRAM SYSTEMS TERMINATION STC CABINET SWITCHBOARD FLUORESCENT TTB TELEPHONE TERMINAL BACKBOARD UON UNLESS OTHERWISE CONTRACTOR GROUND FAULT UNDERGROUND NTERRUPTING VOLT

NOT IN CONTRACT

WEATHERPROOF TRANSFORMER DISTRIBUTION FRAME

JUNCTION BOX KII OVOLT KILOVOLT AMPERES KVA KILOWATT LCP LIGHTING CONTROL PANEL LIGHTING LOW VOLTAGE

FLOOR

FIMIRE

GENERAL

GALVANIZED

HEIGHT

INTERCOM

INTERMEDIATE

INCANDESCENT

KCM THOUSAND CIRCULAR MILS MAIN DISTRIBUTION

MECHANICAL METAL HALIDE Main lugs onl ENTRANCE MOUNTED MTG MOUNTING

> *+15" A.F.F. TO BOTTOM OF BOX, U.O.N. ** +48" A.F.F. TO TOP OF BOX, U.O.N.

GENERAL CONSTRUCTION NOTES

0

- CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE CODES AND REGULATIONS, MATERIALS AND EQUIPMENT SHALL BE U.L. LISTED AND LABELED FOR THE APPLICATION.
- 2. CONTRACTOR SHALL OBTAIN AND PAY FOR ALL PERMITS, LICENSES AND INSPECTION FEES REQUIRED BY THIS CONTRACT WORK.
- 3. CONTRACTOR SHALL VISIT THE PROJECT SITE PRIOR TO BIDDING AND ALLOW FOR ALL FIELD CONDITIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ELECTRICAL WORK NOTED AND CALLED OUT ON ALL CONTRACT DOCUMENTS. THE CONTRACTOR SHALL OBTAIN INFORMATION AND BE FAMILIAR WITH ALL OTHER TRADES WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION BETWEEN OTHER TRADES ON PROJECT.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE SAFETY OF PERSONS AND PROPERTY AND SHALL PROVIDE INSURANCE COVERAGE AS NECESSARY FOR LIABILITY, PERSONAL, PROPERTY DAMAGE, TO FULLY PROTECT THE OWNER, ARCHITECT AND ENGINEER FROM ANY AND ALL CLAIMS RESULTING FROM THIS
- 5. CONTRACTOR SHALL MAINTAIN RECORD DRAWINGS AT THE PROJECT SITE INDICATING ALL MODIFICATIONS TO ELECTRICAL SYSTEMS. THE CONTRACTOR SHALL AT THE CONCLUSION OF THE PROJECT PROVIDE ACCURATE "AS-BUILT" DRAWINGS ACCEPTABLE TO THE ARCHITECT.
- 6. ALL MATERIALS PROVIDED TO THE PROJECT SHALL BE NEW. THE CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE AND INSTALL ALL INCIDENTAL MATERIALS REQUIRED FOR A COMPLETE INSTALLATION.
- CONTRACTOR SHALL PROVIDE TO THE ARCHITECT A CONSTRUCTION SCHEDULE OF ELECTRICAL WORK. THE CONSTRUCTION SCHEDULE SHALL IDENTIFY ALL SIGNIFICANT MILESTONES WITH COMPLETION DATES.
- 8. CONTRACTOR SHALL BE RESPONSIBLE FOR PAINTING ALL EXPOSED CONDUITS AND ELECTRICAL EQUIPMENT. REFER TO ARCHITECTS PAINTING SECTION FOR REQUIREMENTS. 9. ALL CONDUITS UNLESS OTHERWISE NOTED ON DRAWINGS SHALL HAVE AS A
- MINIMUM: TWO (2) #125 WITH ONE (1) #12 GROUND, "TICK" MARKS SHOWN ON CIRCUITRY ARE FOR ROUGH ESTIMATING ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL WIRES AND WIRE SIZES REQUIRED BY LATEST CODE. 10. COORDINATE ALL CONDUIT RUNS, ELECTRICAL EQUIPMENT AND PANELS WITH ALL

OTHER WORK TO AVOID CONFLICTS.

- II. SEE ARCHITECTURAL DOCUMENTS FOR EXACT PLACEMENT OF LIGHTING FIXTURES AND DEVICES. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF CEILING TYPES FROM ARCHITECTURAL DOCUMENTS AND PROVIDE AND INSTALL ALL REQUIRED FIXTURE MOUNTING HARDWARE. PROVIDE AND INSTALL U.L. LISTED FIRE STOP ENCLOSURES FOR ALL RECESSED FIXTURES IN FIRE RATED CEILINGS.
- 12. ALL CONDUIT SHALL BE CONCEALED WHERE POSSIBLE, CUT AND PATCH EXISTING WALLS WHERE NECESSARY, WHERE IT IS NECESSARY TO CUT OR BORE EXISTING STRUCTURAL WALLS FOR NEW ELECTRICAL WORK OBTAIN PERMISSION FROM THE ARCHITECT PRIOR TO STARTING WORK. REUSE (E) CONDUIT WHERE POSSIBLE.

- 13. WHERE IT IS NOT POSSIBLE TO REUSE (E) CONDUIT OR RUN (N) CONCEALED CONDUIT USE NON-METALLIC SURFACE RACEWAY AND BOXES. ROUTING OF ALL NON-METALLIC RACEWAYS SHALL BE APPROVED BY THE ARCHITECT OR OWNER'S REPRESENTATIVE PRIOR TO ROUGH-IN.
- 14. EXTENSION RINGS OR RESET BOXES TO BE FLUSH WITH NEW WALL THICKNESS.
- 15. EXISTING WIRING SHOWN HAS BEEN TAKEN FROM OLD PLANS AND IS ASSUMED TO BE CORRECT. ELECTRICAL CONTRACTOR SHALL FIELD VERIFY ACTUAL CONDITIONS AND MAKE ADJUSTMENTS TO SUIT ACTUAL CONDITIONS AND TO MEET THE INTENT OF THE CONTRACT DOCUMENTS.
- 16. WHERE NON-METALLIC SHEATHED CONDUCTORS ARE FOUND, THE CONTRACTOR SHALL REMOVE TO FULLEST EXTENT PER THE GENERAL DEMOLITION NOTES AND REPLACE WITH CONDUIT. METAL CLAD CABLE WILL BE PERMITTED ON A CASE-BY-CASE BASIS ONLY BY WRITTEN APPROVAL FROM THE ARCHITECT.
- 17. ALL INSTALLATION OF EXPOSED SURFACE MOUNTED RACEMAY IN PUBLIC AREAS SHALL BE REVIEWED BY ELECTRICAL ENGINEER BEFORE ROUGH-IN. CONTRACTOR IS TO DETERMINE THE ACCESSIBILITY OF ATTIC, FURRED SPACE, HOLLOW MULLIONS, ETC. IN EACH AREA AND REVIEW WITH ENGINEER. IF SYSTEM CAN BE ROUTED CONCEALED EITHER BY FISHING OR ACCESSIBILITY, CONTRACTOR IS TO DO SO, IF INACCESSIBILITY IS DETERMINED, CONTRACTOR SHALL INSTALL SURFACE MOUNTED RACEMAY IN THE MOST AESTHETICALLY PLEASING MEANS AS DETERMINED BY THE THE ENGINEER. NO ALLOWANCE FOR ADDITIONAL COMPENSATION DUE TO ROUTING AS DIRECTED BY THE ENGINEER WILL BE MADE.

APPLICABLE CODES & STANDARDS

TITLE 24 C.C.R.

- I. 2010 BUILDING STANDARDS ADMINISTRATIVE CODE, PART I.
- 2. 2010 CALIFORNIA BUILDING CODE (CBC). BASED ON THE 2009 INTERNATIONAL BUILDING CODE (IBC) VOLUMES 1-2 AND CALIFORNIA LATEST ADOPTED AMENDMENTS.
- 5. 2010 CALIFORNIA ELECTRICAL CODE (CEC), BASED ON THE 2008 NATIONAL ELECTRICAL CODE (NEC) AND CALIFORNIA LATEST ADOPTED AMENDMENTS.
- 4. 2010 CALIFORNIA FIRE CODE (CFC), BASED ON THE 2009 INTERNATIONAL FIRE CODE (IFC) AND CALIFORNIA LATEST ADOPTED AMENDMENTS.
- 5. 2010 CALIFORNIA MECHANICAL CODE (CMC), BASED ON THE 2009 UNIFORM MECHANICAL CODE (UMC) AND CALIFORNIA LATEST ADOPTED AMENDMENTS.
- 6. 2010 CALIFORNIA PLUMBING CODE (CPC), BASED ON THE 2009 UNIFORM PLUMBING CODE (UPC) AND CALIFORNIA LATEST ADOPTED AMENDMENTS
- 7. 2010 CALIFORNIA REFERENCED STANDARDS CODE, PART 12, TITLE
- 9. 2010 CALIFORNIA ENERGY CODE, CALIFORNIA CODE

8. 2010 CALIFORNIA GREEN BUILDING STANDARDS CODE

- OF REGULATIONS, TITLE 24, PART 6. 10. TITLE 19 C.C.R., PUBLIC SAFETY, STATE FIRE MARSHAL
- REGULATIONS. II. NATIONAL FIRE ALARM CODE (NFPA 12) 2010.
- 12. CITY OF ____ ORDINANCES, CODES, AND REGULATIONS

STANDARDS:

- I. AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI)
- 2. ELECTRONICS INDUSTRIES ASSOCIATION (EIA)
- 3. INSTITUTE OF ELECTRICAL AND ELECTRONIC ENGINEERS (IEEE)
- 4. NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION (NEMA)
- 5. NATIONAL ELECTRICAL TESTING ASSOCIATION (NETA)
- 6. UNDERWRITER LABORATORIES (UL)
- 7. CALIFORNIA OCCUPATIONAL SAFETY AND HEALTH ACT STANDARDS (CAL/OSHA)

SHEET INDEX

- ELO SYMBOLS, ABBREVIATIONS, LIGHT FIXTURE SCHEDULE, CODES, STANDARDS & SHEET INDEX. E2.0 CALIFORNIA ENERGY COMPLIANCE TITLE 24. (BUILDING INTERIOR).
- E3.0 ELECTRICAL DEMOLITION PLAN.
- E4.0 POWER PLAN & LIGHTING PLANS
- E5.0 ELECTRICAL DETAILS.

he use of these plans and specifications shall be restricted to the original site for which they were prepared and publication thereof is expressly limit-ed to such use. Re-use, reproduction, or publication by any method, in whole or in part, is prohibited. Title to the plans and specifications remains in the architect without prejudice. Visual contact with these plans and

specifications shall constitute prima facie evidence of the acceptance of

SO

SHEET NUMBER

DATE: NOVEMBER 20 2012

DRAWN

CALIFORNIA ENERGY COMPLIANCE T-24

CERTIFICATE OF COMPLIANCE			(F	<u>'art</u>	1 of 4)		LTG-1C
Project Name Salinas Courthouse Complex	1.00		· • · · · · · · · · · · · · · · · · · ·	<u></u>			Date 11/19/2012
Project Address Project Address Salinas	Climate	Zone 3	Total	Cond. I - 3.0 1	Floor Area	Uncond	itioned Floor Area <i>O</i>
GENERAL INFORMATION	_i			3,0			· · · · · · · · · · · · · · · · · · ·
Building Type: Nonresidential		High-Rise Reside	ntial		Hotel/Mo	otel Gue	est Room
☐ School ☐ Relocatable Public School	☑	Conditioned Space			Uncondi		
Phase of Construction: New Construction		Addition		Ø	Alteratio	11	*** *** *** *** **********************
Method of Compliance: Complete Building	[2]	Area Category			Tailored		
Documentation Author's Declaration S	Stateme	ent					
certify that this Certificate of Compliance documen	tation is a	accurate and compl					
lame J. Elias Cosio			9	lignatu	re		
Company Aurum Consulting Engineers		······································	E	ate	11/19/20	012	
Address 60 Garden Ct Suite 210			- 1	EA#	· · · · · · · · · · · · · · · · · · ·		
City/State/Zip <i>Monterey, CA</i> 93940			F	hone	831-646	-3330	
to document this design on the other app specifications submitted to the enforcemental Name Eldridge O. Bell P.E.		cy for approval with		uildin			
Company Aurum Consulting Engineers Monterey Bay		F	hone	831-	646-3330		
Address 60 Garden Ct Suite 210			icense#		E17789	·····	
City/State/Zip <i>Monterey</i> , CA 93940		Ē	Date 11/19/2012				
ighting Mandatory Measures. Indicate location on building plans of Mandatory Measures No	ote Block:	E2.0					
IGHTING COMPLIANCE FORMS & WORKSHI	EETS (c	heck box if works					
or detailed instructions on the use of this and all Energy Efficient California Energy Commission.	ciency Star	ndards compliance form	ns; pleas	refer	to the Nonr	esidential	Manual published
		All Pages required on pl	ans for a	lsubm	ittals.		
☐ LTG-2C Lighting Controls					,	, , ,	
☑ LTG-3C Indoor Lighting P				·			
 LTG-4C Pages 1 through 4 Tailored Method LTG-5C Pages 1 and 2 Line Voltage Trail 							
LTG-5C Pages 1 and 2 Line Voltage Trac	ck Eighting	AN OLK 21 LEGT				· · · · ·	

LIGHTING CONTROLS CREDIT WORKSHEET

Occ Sensor - Multi-Level

Occ Sensor - Multi-Level

Occ Sensor - Multi-Level

Description shall be consistent with Type of Control defined in Table 146-C
 Power Adjustment Factor taken from Table 146-C

EnergyPro 5.1 by EnergySoft User Number: 6728 RunCode: 2012-11-19T16:43:03 ID: 12213.00

POWER ADJUSTMENT FACTORS (PAF) FOR NON-DAYLIGHT CONTROLS

Salinas Courthouse Complex

☑ CONDITIONED SPACES

Areas office 102

office 104

. :	s Courthouse Complex						Dat 11,	e /19/2	201
NDO	OR LIGHTING SCHEDULE and FIELD INSP	ECTIO	N ENER	GY CH	ECKLI	ST			
natalla	ition Certificate, LTG-1-INST (Fetain a copy and verify form is	beteknoo	and signed.			Field in	spector		
Certific	eate of Acceptance, LTG-2A. Retain a copy and verify form is ∞	m pleted a	nd signed.				spector	_	
	rate Lighting Schedule Must Be Filled Out for Concitioned and htting Schedule is only for:	i Uneanei 	itioned Spac	ces instali	led Lighti	ng.⊐owe	istec or		
	CONDITIONED SPACE	п и	NCONDITIO	ONED SP	ACF	1			
7	The actual indoor lighting power listed below includes all in with \$146(a).	stalled pe	rmanent ar	d portable	lighting				
	Only for offices: Up to the first 0.2 watts per square foot of pleakulation of actual indoor lighting power density in accord 0.2 watts per square foot is totaled below.	ortable I ence with	ghting shall the Except	not be re for to §14	quired to G(a) Al	se includ acrteble	ed in the ighting n	exce	ess
	Luminaire (Type, Lamps, Ballasts)	1.		ins	alled W	atts			
A	В	C	D			F	G		Н
					etage Jerminec			F	ield ect:
		ų į							
		ECHILE			S 34.03		ů.		
None		12	ă #	CEC	50	er of	30		
or Item Tag	Complete Luminaire Descript un (t.a. 3 tamp fluorescent buller) F92T3, une cimmable electronic ballasts)	क्षेत्रमध्येति निक्त्यतास्ट	Wate per	Default From NA8	According To \$130 ic	Number of Lumraires	Installed Wents (C X F)	Pass	1
œ	(3) 4 ft Huorescent 19 Ropid Start Elec		93.6	Ø		15	1,395	۵	[
Д	(3) 4 ft Fluiorescent T8 Ropid Start Elec		33. C	Ø		7	<i>65</i> ;		
A5	(3) 4 ft Fluorescent TB Repid Start Elec		93.C	Ø			465		Ī
B	(2) 4 ft Fluorescent TB Replid Start Elec		62.6	Ø		3	156	П	I
85	(2) 4 ft Fluorescent T9 Repid Start Elec		62.E	Ø	. 0	2	124		E
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				ıslal ed V			2,821		
			Ins	talled Wa	tts Bulldli	ng Tiotal			
	Building total number of pages:			r into LTC	ium of all 3-10 Pag		2 821	: : : :: : :	
l Walts 2 If Fai	ige shall be defermined according to Section 130 (c and e). Wattage I then describe on Page 2 of the Inspection Checklist Form and take	shall be ra	ting of light fire	dure, not r rest Veril	ating of bu y building	ilb. Pans if no	ogssary.		

CERTIFICATE OF COMPLIANO Project Name	<i>,</i> E		Part 3 of 4)	LT(J."
Salinas Courthouse Complex	Nama			11/19	1/2
INDOOR LIGHTING SCHEDULE and FIELD	INSPECT	ION ENERGY CHECKLIST		1 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	
Fill in controls for all spaces, a) area controls, b) macromatic day lighting controls for day lit areas > 2,1 general i griting controlled separately from display, controls for retail stores > 50,000 ftf, in accordance	500 ft°, d) si orna nenta	rut-off controls, e; displey lightir I and display case lighting and i	ne controls, fi tailored li	ahtina cor	ntro
MANDATORY LIGHTING CONTROLS - FIE	LD INSPE	CTION ENERGY CHECKL	ST	Fie Inspi	eld ecto
Type/ Description	Numbar of Units	Location in Building	Special Features	Pass	F
Occupancy Sensor Ceiling Mounted - 💽	5	See Plans			
Occupancy Sensor Wall Mounted Switch -	11	See Plans		e b	66
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SPECIAL FEATURES INSPECTION CHECK The local enforcement agency should pay special justification and documentation, and special verificand may reject a building or design that otherwise submitted.	attention to ation. The	the items specified in this checocal enforcement agency deter	m nes the acequacy of	the justific	cali
				<u></u>	<u></u>
and a company of the second of					<u>.::: </u>
Field Inspector's Notes or Discrepancies:					<u> </u>
Toma magazina myaya vi siata apamawa.					
					1:
EnergyPro 5.1 by EnergySoft - User Number: 6728	RunCoo	le: 2012-11-19 716:43: 03 IC	0: 12273.00	Pa	ije :

EnergyPro 5.1	by Energy Soft User Number: 8728 RunCode: 2012-11-19716:43:63 ID: 12213.00	Page 3 of
LIGHTIN	IG MANDATORY MEASURES: NONRESIDENTIAL	LTG-MN
Project Name S alinas Co	urthouse Complex	Date 11/19/2012
Indoor Li	ghting Measures:	
:	ut-off Controls For every floor, all interior lighting systems shall be equipped with a separate automatic control to s This automatic control shall meet the requirements of Section 119 and may be an occupancy sense switch, or other device capable of automatically shutting off the lighting.	hut off the lighting. or, automatic time
2.	Override for Building Lighting Shut-off: The automatic building shut-off system is provided with a moverride switch in sight of the lights. The area of override is not to exceed 5,000 square feet.	anual, accessible
§119(h):	Automatic Control Devices Certified: All automatic control devices specified are certified, all alternatic certified and installed as directed by the manufacturer.	ite equipment shall
§111:	Fluorescent Ballast and Luminaires Certified: All fluorescent fixtures specified for the project are certified Directory. All installed fixtures shall be certified.	ed and listed in the
§131(a):	sensor device for each area with floor-to-ceiling walls.	, -
§131(b):	room.	hting within the
§131(c):	Daylight Area Control: All rooms with windows and skylights that are greater than 250 square feet the effective use of daylight in the area shall have 50% of the lamps in each daylit area controlled be or the effective use of daylight cannot be accomplished because the windows are continuously shat the adjacent lot. Diagram of shading during different times of the year is included on plans.	y a separate switch
§131(c):	Display Lighting. Display lighting shall be separately switched on circuits that are 20 amps or less.	3.
	Lighting Measures:	,
	Mandatory lighting power determination for medium base sockets without permanently installed bal	lasts
§132(a):	All permanently installed luminaires with lamps rated over 100 Watts either have a lamp efficacy of per Watt or are controlled by a motion sensor.	at least 60 lumens
§132(b):	All Luminaires with lamps rated greater than 175 Watts in hardscape area, including parking lots, b canopies, and all outdoor sales areas meet the Cutoff Requirements.	uilding entrances,
§132(c)1;	All permanently installed outdoor lighting meets the control requirements listed.	
§132(c):	Building facades, parking lots, garages, canopies, and outdoor sales areas meet the Multi-Level Ligisted.	hting Requirement
-		

CERTIFICATE OF COMPLIANCE	=	(Part 4 of 4)	LTG-1
Project Name Salinas Courthouse Complex			Date 11/19/201
CONDITIONED AND UNCONDITIONED SPACE	E LIGHTING N	IUST NOT BE COMBINED FOR COMPL	ANCE
Indoor Lighting Power for Conditioned S	Spaces	Indoor Lighting Power for Unconditio	ned Spaces
	Watts		Watts
Installed Lighting (from Conditioned LTG-1C, Page 2)	1	Installed Lighting (from Unconditioned LTG-1C, Page 2)	
Lighting Control Credit Conditioned Spaces (from LTG-2C)	223	Lighting Control Credit Unconditioned Spaces (from LTG-2C)	-
Adjusted Installed Lighting Power	2,598	Adjusted installed Lighting Power	-
Complies if Installed ≤ Allowed	1	Complies if Installed ≤ Allowed	1
Allowed Lighting Power Conditioned Spaces (from LTG-3C or PERF-1)	3,074	Allowed Lighting Power Unconditioned Spaces (from LTG-3C)	

Designer:

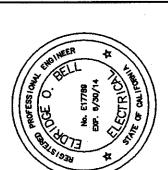
This form is to be used by the designer and attached to the plans. Listed below is the acceptance test for the Lighting system, LTG-2A. The designer is required to check the acceptance tests and list all control devices serving the building or space shall be certified as meeting the Acceptance Requirements for Code Compliance. If all the lighting system or control of a certain type requires a test, list the different lighting and the number of systems. The NA7 Section in the Appendix of the Nonresidential Reference Appendices Manual describes the test. Since this form will be part of the plans, completion of this section will allow the responsible party to budget for the scope of work appropriately. Forms can be grouped by type of Luminaire controlled.

Enforcement Agency:

Systems Acceptance. Before Occupancy Permit is granted for a newly constructed building or space or when ever new lighting system with controls is installed in the building or space shall be certified as meeting the Acceptance Requirements.

The LTG-2A form is not considered a complete form and is not to be accepted by the enforcement agency unless the boxes are checked and/or filled and signed. In addition, a Certificate of Acceptance forms shall be submitted to the enforcement agency that certifies plans, specifications, installation certificates, and operating and maintenance information meet the requirements of §10-103(b) of Title 24 Part 6. The field inspector must receive the properly filled out and signed forms before the building can receive final occupancy. A copy of the LTG-2A for each different lighting luminaire control(s) must be provided to the owner of the building for their records.

	LTG-2A			
Equipment Requiring Testing	Description	Number of Luminaire controls	Location	Controls and Sensors and Automatic Daylighting Controls Acceptance
Occ Sensor - Multi-Level	(3) 4 ft Fluorescent T8 Rapid Start Ele	1	office 102	
Occ Sensor - Multi-Level	(3) 4 ft Fluorescent T8 Rapid Start Ele	1	office 103	
Occ Sensor - Multi-Level	(3) 4 ft Fluorescent T8 Rapid Start Ele	1	office 104	
Occ Sensor - Multi-Level	(3) 4 ft Fluorescent T8 Rapid Start Ele	2	office 105	Ø
Occ Sensor - Multi-Level	(3) 4 ft Fluorescent T8 Rapid Start Ele	1	office 106	Z)
Occ Sensor - Multi-Level	(3) 4 ft Fluorescent T8 Rapid Start Ele	1	office 107	团
Occ Sensor - Multi-Level	(3) 4 ft Fluorescent T8 Rapid Start Ele	**	office 108	✓
Occ Sensor - Multi-Level	(3) 4 ft Fluorescent T8 Rapid Start Ele	2	office 109	
Occ Sensor - Multi-Level	(3) 4 ft Fluorescent T8 Rapid Start Ele	1	office 110	
Occ Sensor - Multi-Level	(3) 4 ft Fluorescent T8 Rapid Start Ele	1	office 111	☑
			:	
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		·		
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The use of these plans and specifications shall be restricted to the original site for which they were prepared and publication thereof is expressly limited to such use. Re-use, reproduction, or publication by any method, in whole or in part, is prohibited. Title to the plans and specifications remains in the architect without prejudice. Visual contact with these plans and specifications shall constitute prima facie evidence of the acceptance of these restrictions.

SHEET NUMBER

DATE: NOVEMBER 20 2012

File name: D:\J0BS\1224\

0.20 office 105 Occ Sensor - Multi-Level Occ Sensor - Multi-Level 0.20 Occ Sensor - Multi-Level 0.20 Occ Sensor - Multi-Level 0.20 Occ Sensor - Multi-Level Occ Sensor - Multi-Level Occ Sensor - Multi-Level 0.20 Building total of non-daylight control credit watts for all pages of LTG-2C Page 1 of 2 Conditioned and Enter building total of all daylight controls credit watts from LTG-2C Page 2 of 2

BUILDING TOTAL OF ALL CONTROL CREDIT WATTS

(FOR BOTH NON-DAYLIGHT AND DAYLIGHT CONTROL CREDITS)

Enter in LTG-1C; Page 4: Lighting Control Credit as appropriate for CONDITIONED or UNCONDITIONED Spaces Unconditioned Space shall be

A Separate PAF Worksheet Must Be Filled Out for Conditioned and Unconditioned Spaces. Control Credits listed on this

☐ UNCONDITIONED SPACES

Watts of Control

LTG-2C

Control Credit Watts (E x F)

(Part 1 of 2)

Power Adjustments Factor²

0.20

0.20

Project Name S alinas Courthouse Complex					Date 11/19/2012
ALLOWED LIGHTING POWER (Chose One Method)					1111012012
A Separate LTG-3C must be filled out for Conditioned and Unconditione	d Spaces. Indoor Ligh	nting	Power Allowances	s list	ed on this
page are only for: CONDITIONED SPACES UNCONDITIONI	ED SPACES				
COMPLETE BUILDING METHOD	WATTS		COMPLETE		ALLOWED
BUILDING CATEGORY (From §146 Table 146-E)	PER (ft²)	Х	BLDG. AREA	=	WATTS
-					
			<u> </u>		
					<u>.</u>
			•		
A A A A A A A A A A A A A A A A A A A		-			
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	TOTALS				
	TOTALS	-	ADEA		WATTS
AREA CATEGORY METHOD		-	AREA		WATTS
	WATTS			AMERICA STATE OF THE PROPERTY	ALLOWED
BUILDING CATEGORY (From §146 Table 146-F)	WATTS PER (ft²)	x	Area ft²	=	ALLOWED WATTS
BUILDING CATEGORY (From §146 Table 146-F) obby, Main Entry	WATTS PER (ft²) 1.50	x	Area ft²	=	ALLOWED WATTS
BUILDING CATEGORY (From §146 Table 146-F) .obby, Main Entry Corridor/Restroom/Support	WATTS PER (ft²) 1.50 0.60	X	Area ft ² 91 156	=	ALLOWED WATTS 137 94
BUILDING CATEGORY (From §146 Table 146-F) Lobby, Main Entry Corridor/Restroom/Support Waiting Area	WATTS PER (ft²) 1.50 0.60 1.10	X	Area ft ² 91 156 301	=	ALLOWED WATTS 137 94 331
Lobby, Main Entry Corridor/Restroom/Support Waiting Area Office > 250 sqft	WATTS PER (ft²) 1.50 0.60	X	Area ft ² 91 156		ALLOWED WATTS 137 94 331 1,184
BUILDING CATEGORY (From §146 Table 146-F) Lobby, Main Entry Corridor/Restroom/Support Waiting Area Office > 250 sqft	WATTS PER (ft²) 1.50 0.60 1.10 0.90	X	Area ft ² 91 156 301 1,315		ALLOWED WATTS 137 94 331 1,184
BUILDING CATEGORY (From §146 Table 146-F) cobby, Main Entry Corridor/Restroom/Support Vailing Area Office > 250 sqft	WATTS PER (ft²) 1.50 0.60 1.10 0.90	x	Area ft ² 91 156 301 1,315	=	ALLOWED
BUILDING CATEGORY (From §146 Table 146-F) cobby, Main Entry Corridor/Restroom/Support Vailing Area Office > 250 sqft	WATTS PER (ft²) 1.50 0.60 1.10 0.90	X	Area ft ² 91 156 301 1,315	=	ALLOWED WATTS 137 94 331 1,184
BUILDING CATEGORY (From §146 Table 146-F) cobby, Main Entry Corridor/Restroom/Support Vailing Area Office > 250 sqft	WATTS PER (ft²) 1.50 0.60 1.10 0.90	X	Area ft ² 91 156 301 1,315		ALLOWED WATTS 137 94 331 1,184
BUILDING CATEGORY (From §146 Table 146-F) cobby, Main Entry Corridor/Restroom/Support Vailing Area Office > 250 sqft	WATTS PER (ft²) 1.50 0.60 1.10 0.90	X	Area ft ² 91 156 301 1,315		ALLOWED WATTS 137 94 331 1,184
BUILDING CATEGORY (From §146 Table 146-F) Lobby, Main Entry Corridor/Restroom/Support Waiting Area	WATTS PER (ft²) 1.50 0.60 1.10 0.90	x	Area ft ² 91 156 301 1,315		ALLOWED WATTS 137 94 331 1,184
BUILDING CATEGORY (From §146 Table 146-F) Lobby, Main Entry Corridor/Restroom/Support Waiting Area Office > 250 sqft	WATTS PER (ft²) 1.50 0.60 1.10 0.90	X	Area ft ² 91 156 301 1,315		ALLOWED WATTS 137 94 331 1,184
BUILDING CATEGORY (From §146 Table 146-F) Lobby, Main Entry Corridor/Restroom/Support Waiting Area Office > 250 sqft	WATTS PER (ft²) 1.50 0.60 1.10 0.90	x	Area ft ² 91 156 301 1,315		ALLOWED WATTS 137 94 331 1,184
BUILDING CATEGORY (From §146 Table 146-F) Lobby, Main Entry Corridor/Restroom/Support Waiting Area Office > 250 sqft	WATTS PER (ft²) 1.50 0.60 1.10 0.90 1.10	X	Area ft ² 91 156 301 1,315 1,208		ALLOWED WATTS 137 94 331 1,184 1,329
BUILDING CATEGORY (From §146 Table 146-F) .obby, Main Entry Corridor/Restroom/Support Vailing Area Office > 250 sqft	WATTS PER (ft²) 1.50 0.60 1.10 0.90	x	Area ft ² 91 156 301 1,315 1,208		ALLOWED WATTS 137 94 331 1,184 1,329
BUILDING CATEGORY (From §146 Table 146-F) obby, Main Entry Corridor/Restroom/Support Vailing Area Office > 250 sqft Office <= 250 sqft	WATTS PER (ft²) 1.50 0.60 1.10 0.90 1.10	X	Area ft ² 91 156 301 1,315 1,208		ALLOWED WATTS 137 94 331 1,184 1,329
BUILDING CATEGORY (From §146 Table 146-F) obby, Main Entry orridor/Restroom/Support /aiting Area	WATTS PER (ft²) 1.50 0.60 1.10 0.90 1.10 TOTALS		Area ft ² 91 156 301 1,315 1,208 3,071 AREA		ALLOWED WATTS 137 94 331 1,184 1,329

Page 6 of 7

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GENERAL DEMOLITION NOTES

- A. CONTRACTOR SHALL FIELD VERIFY EXTENT OF ELECTRICAL DEMOLITION AND QUANTITIES OF ELECTRICAL TO BE REMOVED AS DICTATED BY THE REQUIREMENTS OF THE PROJECT
- B. REMOVAL SHALL INCLUDE WIRING, RACEWAY, BOXES, SWITCHES, LIGHT FIXTURES, ETC. AS INDICATED ON THE PLANS AND AS REQUIRED BY THESE DEMOLITION
- C. RACEWAYS ASSOCIATED WITH ELECTRICAL BEING DEMOLISHED WHICH ARE CONCEALED IN EXISTING REMAINING WALLS MAY BE ABANDONED IN PLACE. REMOVE WIRING FROM CONDUIT.
- D. RACEWAYS ASSOCIATED WITH ELECTRICAL BEING DEMOLISHED WHICH ARE EXPOSED SHALL BE REMOVED.
- E. WHERE REMOVAL OF EQUIPMENT OR WIRING IS INDICATED, IT SHALL INCLUDE ALL ASSOCIATED WIRING BACK TO LAST ACTIVE REMAINING OUTLET, DEVICE, FIXTURE OR PANEL.
- F. ELECTRICAL CONTRACTOR SHALL INSURE THAT ALL REMAINING ACTIVE CIRCUITS, DEVICES, OUTLETS, LIGHT FIXTURES, ETC. HAVE NOT BEEN DISCONNECTED OR MADE INOPERATIVE DURING DEMOLITION. ELECTRICAL CONTRACTOR SHALL RESTORE ALL INTERRUPTED OR DISCONNECTED CIRCUITS TO OPERATION.
- G. ELECTRICAL CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL REMOVED ELECTRICAL EQUIPMENT AND MATERIAL.
- H. NO REMOVED EQUIPMENT OR MATERIAL SHALL BE REUSED AS PART OF NEW WORK, U.O.N.
- EXISTING REMAINING CONCEALED RACEWAYS MAY BE REUSED FOR NEW WORK PROVIDED THEY MEET ALL REQUIREMENTS OF THE SPECIFICATION FOR NEW WORK.
- J. EXISTING FLUSH OUTLETS MAY BE REUSED FOR NEW WORK PROVIDED THEY MEET ALL REQUIREMENTS OF THE SPECIFICATION FOR NEW WORK, MEET THE REQUIREMENTS OF THE CURRENT C.E.C. FOR YOLUME AND COINCIDE WITH LOCATION SHOWN FOR THE NEW WORK.
- K. FLUSH OUTLET BOXES IN EXISTING WALLS TO REMAIN MAY BE ABANDONED IN PLACE. REMOVE DEVICES AND WIRING, PLUG OPENING AND PROVIDE AND INSTALL A BLANK DEVICE PLATE.
- L. EXISTING WIRING SHOWN HAS BEEN TAKEN FROM OLD PLANS AND IS ASSUMED TO BE CORRECT. ELECTRICAL CONTRACTOR SHALL FIELD VERIFY ACTUAL CONDITIONS AND MAKE ADJUSTMENTS TO SUIT ACTUAL CONDITIONS AND TO MEET THE INTENT OF THE CONTRACT DOCUMENTS.
- M. WHERE TELEPHONE, COMPUTER DATA, FIRE ALARM OR OTHER COMMUNICATIONS OUTLETS OR WIRING IS TO BE DEMOLISHED IT SHALL BE REMOVED BACK TO THE NEXT TERMINAL POINT.
- N. COORDINATE WITH OWNER PRIOR TO START OF DEMOLITION TO MINIMIZE POWER INTERRUPTIONS, WORK MAY HAVE TO OCCUR DURING NON-REGULAR BUSINESS HOURS. COORDINATE IN WRITING WITH OWNER ONE WEEK PRIOR TO PLANNED POWER INTERRUPTIONS.
- O. CONTRACTOR SHALL "SAFE OFF" FIRE ALARM SYSTEM BEFORE WORK IS STARTED TO PREVENT FALSE ALARMS.

EVIDENCE ROOM

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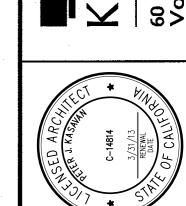
OFFICE

AREA OF WORK -

OFFICE

SHEET NOTES

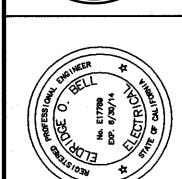
- MECHANICAL EQUIPMENT BEING DEMOLISHED, ELECTRICAL CONTRACTOR SHALL DISCONNECT ELECTRICAL CONNECTIONS TO FACILITATE REMOVAL OF EQUIPMENT. CAP CONDUITS ON UNDERSIDE OF ROOF ABOVE T-BAR CEILING.
- 2. CAREFULLY REMOVE, SALVAGE, STORE AND PROTECT LIGHT FIXTURES LOCATED IN JURY ASSEMBLY AREA, TOTAL OF (15); LIGHT FIXTURES SHALL BE RE-USED FOR NEW WORK, SEE 2/E4.0.
- 3. CAREFULLY REMOVE, SALVAGE, STORE AND PROTECT EXIT LIGHT FIXTURES: EXIT LIGHT FIXTURES SHALL BE RE-USED FOR NEW WORK, SEE
- 4. CEILING MOUNTED SPEAKER TO BE RELOCATED INTO EVIDENCE ROOM; SEE I/E4.0. FOR NEW LOCATION.
- 5. SECURITY MOTION SENSOR TO REMAIN; CONTRACTOR SHALL INSURE MOTION SENSOR REMAINS OPERATIONAL DURING DEMOLITION WORK.



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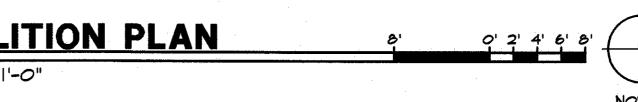
1224 CADD

DATE: NOVEMBER 20 2012

DEMOLITION PLAN

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SENERAL NOTES:

1. UNLESS OTHERWISE NOTED, DEMOLISH ALL

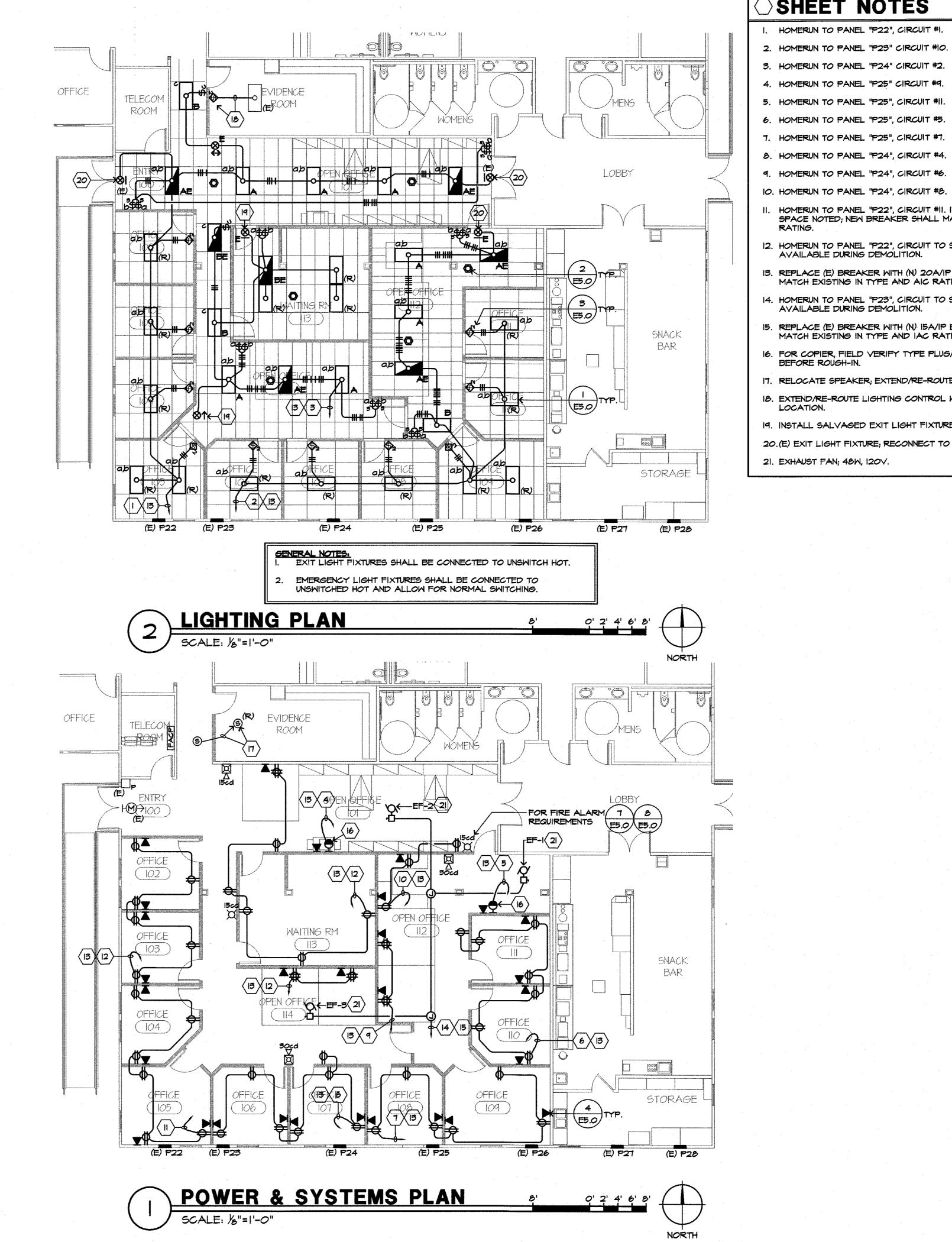
ELECTRICAL SHOWN AND ASSOCIATED CONDUIT & WIRE PER GENERAL DEMOLITION

CONTRACTOR SHALL PROTECT PANELS FROM

ELECTRICAL PANELS TO REMAIN;

NOTES THIS SHEET.

DAMAGE.

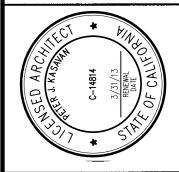


SHEET NOTES

- HOMERUN TO PANEL "P22", CIRCUIT #1.

- 3. HOMERUN TO PANEL "P24" CIRCUIT #2.
- 4. HOMERUN TO PANEL "P25" CIRCUIT #9.
- 5. HOMERUN TO PANEL "P25", CIRCUIT #II.
- 6. HOMERUN TO PANEL "P25", CIRCUIT #5.
- 7. HOMERUN TO PANEL "P25", CIRCUIT #7.
- 8. HOMERUN TO PANEL "P24", CIRCUIT #4.
- 9. HOMERUN TO PANEL "P24", CIRCUIT #6.
- HOMERUN TO PANEL "P22", CIRCUIT #II. INSTALL (N) 20A/IP BREAKER IN SPACE NOTED; NEW BREAKER SHALL MATCH EXISTING IN TYPE AND AIC
- 12. HOMERUN TO PANEL "P22", CIRCUIT TO SPARE BREAKER MADE AVAILABLE DURING DEMOLITION.
- 13. REPLACE (E) BREAKER WITH (N) 20A/IP BREAKER; NEW BREAKER SHALL MATCH EXISTING IN TYPE AND AIC RATING.
- 14. HOMERUN TO PANEL "P23", CIRCUIT TO SPARE BREAKER MADE AVAILABLE DURING DEMOLITION.
- 15. REPLACE (E) BREAKER WITH (N) 15A/IP BREAKER; NEW BREAKER SHALL MATCH EXISTING IN TYPE AND IAC RATING.
- 16. FOR COPIER, FIELD VERIFY TYPE PLUG/RECEPTACLE COMBINATION BEFORE ROUGH-IN.
- 17. RELOCATE SPEAKER; EXTEND/RE-ROUTE CABLING AS REQUIRED.
- 18. EXTEND/RE-ROUTE LIGHTING CONTROL WIRING TO NEW SWITCH LOCATION.
- 19. INSTALL SALVAGED EXIT LIGHT FIXTURE.
- 20.(E) EXIT LIGHT FIXTURE; RECONNECT TO NEW LIGHTING CIRCUIT.
- 21. EXHAUST FAN; 48W, 120V.

CHITEC





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DATE: NOVEMBER 20 2012

HORN/STROBE INSTALLATION DETAIL

SCOPE OF WORK:

I. MODIFICATIONS TO AN EXISTING NOTIFICATION APPLIANCE CIRCUIT OF THE EXISTING FIRE ALARM SYSTEM. WORK INCLUDES ALL NOTIFICATION APPLIANCES, CONDUCTORS, CONNECTIONS, PROGRAMMING, TESTING AND APPROVAL BY THE LOCAL AUTHORITY HAVING JURISDICTION.

EXISTING SEQUENCE OF OPERATION:

- I. ACTIVATION OF ANY INITIATING DEVICE SHALL CAUSE ALL SIGNALS IN BUILDING TO ACTIVATE AND SOUND AND SIMULTANEOUSLY CAUSE AN ALARM TO BE SENT TO THE REMOTE MONITORING AGENCY.
- 2. SHOULD AN OPEN, GROUND OR SHORT OCCUR IN THE WIRING SYSTEM, PANEL WILL DETECT THE MALFUNCTION AND INITIATE A TROUBLE INDICATOR ALONG WITH THE SPECIFIC ZONE TROUBLE LIGHT WILL ILLUMINATE.
- ONCE THE SYSTEM IS BACK TO NORMAL. THE PANEL WILL RESOUND FOR PROPER RESETTING.

IZOV DEDICATED CIRCUIT

NO SCALE

FIRE ALARM NOTES:

- EXISTING FIRE ALARM CONTROL PANEL WITH COMMUNICATOR, CHARGER & BATTERIES.
- 2. ALL WIRE SHALL BE MINIMUM #14AMG AND SHALL BE ROUTED CONCEALED OR IN SURFACE NON- METALLIC RACEWAY WHERE ROUTING OF CONCEALED WIRING IS NOT POSSIBLE. ROUTING OF ALL SURFACE MOUNTED RACEWAY SHALL BE APPROVED BY THE ARCHITECT OR OWNER'S REPRESENTATIVE PRIOR TO ROUGH-IN.
- 3. SUBMIT COMPLETE FIRE ALARM SYSTEM PLANS INCLUDING, RISER DIAGRAMS, BATTERY & VOLT DROP CALCS FOR MODIFIED NAC, WIRING DIAGRAMS, ETC. TO LOCAL FIRE AUTHORITY REVIEW AND APPROVAL PRIOR TO START OF INSTALLATION.
- 4. FINAL CONNECTIONS OF DEVICES AND EQUIPMENT SHALL BE BY A FIRE ALARM CONTRACTOR WHO PERFORMS SUCH WORK ON A REGULAR BASIS.
- 5. FINAL TESTING SHALL BE WITNESSED BY THE LOCAL FIRE AGENCY.

TYP. REMOTE POWER SUPPLY

- (2) TELEPHONE LINES TO APPROVED

REMOTE MONITORING STATION AGENCY

1204 DEDICATED CKT

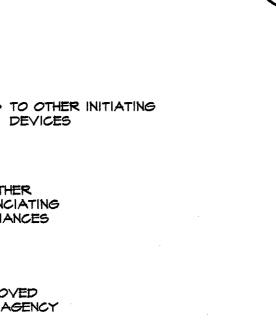
- 6. PROVIDE MANUALS AND MINIMUM 2-HOURS OPERATING INSTRUCTION TO OWNER.
- 7. PROVIDE BATTERY BACKUP FOR 24 HOURS OF STANDBY \$ 5 MINUTES OF ALARM.

OJ→ TO OTHER

ANNUNCIATING

APPLIANCES

DEVICES



TYPICAL FIRE ALARM RISER DIAGRAM

FACP

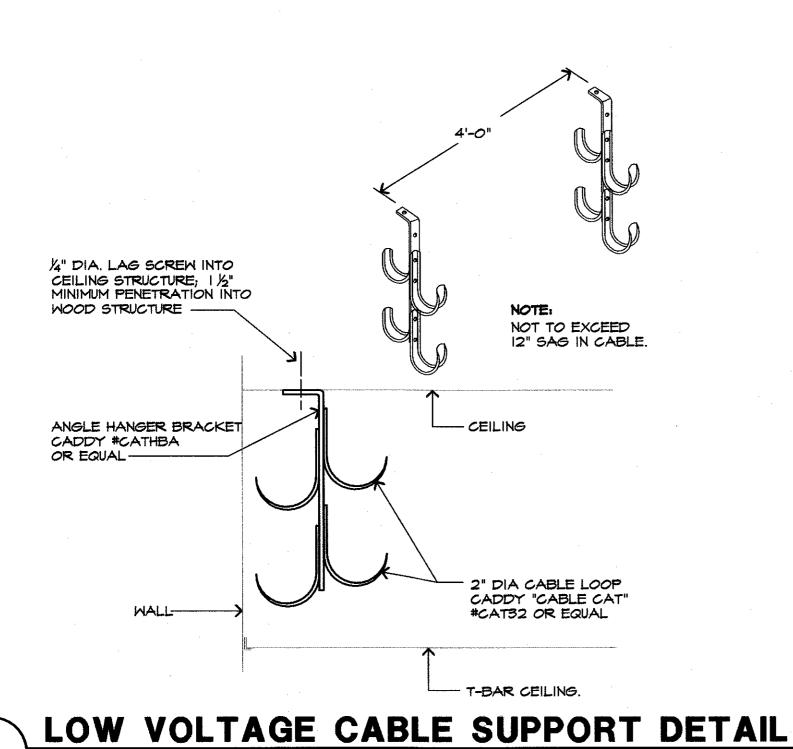
I. UNLESS OTHERWISE

IS EXISTING TO REMAIN.

2. SEE 1/2.0 4 /E4.0 FOR FIRE

ALARM WORK REQUIRED.

NOTED, ALL EQUIPMENT SHOWN

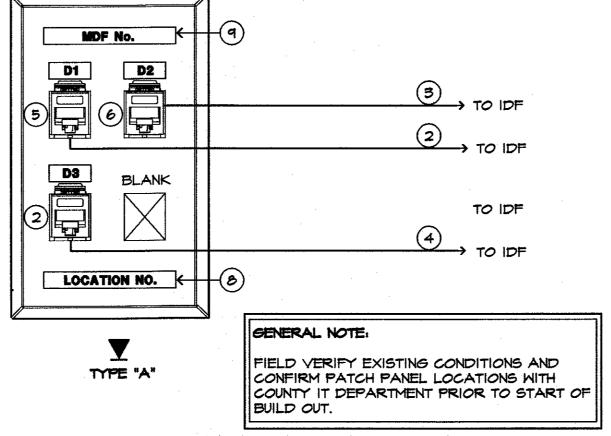


DETAIL NOTES:

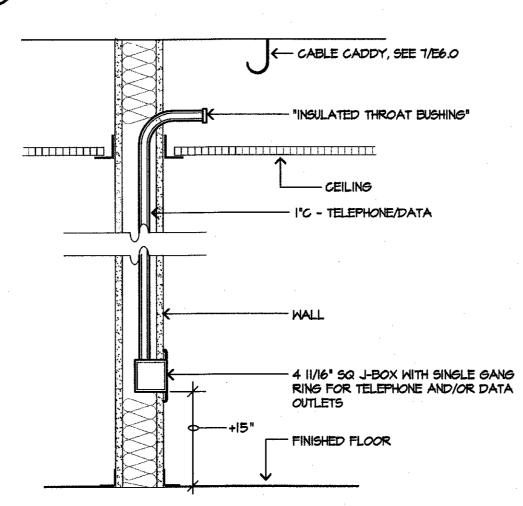
- TERMINATE CABLES ONTO THE EXISTING 48 PORT PATCH PANELS AND LABEL IN SUBSEQUENT ORDER, PROVIDE AND INSTALL NEW 48 PORT PANELS AS REQUIRED.
- 2. CAT 6 4 PAIR; (WHITE).
- 3. CAT 6 4 PAIR; (BLUE).
- 4. CAT 6 4 PAIR; (GRAY).
- 5. RJ45 JACK; (WHITE).
- 6. RJ45 JACK (BLUE).

7. RJ45 JACK (GRAY).

- 8. LABEL POCKET FOR LOCATION NUMBER.
- 9. LABEL POCKET FOR INDICATING MDF ROOM NUMBER WHERE CABLES TERMINATE.



YPICAL DATA RISER DIAGRAM



DATA/VOICE OUTLET MOUNTING

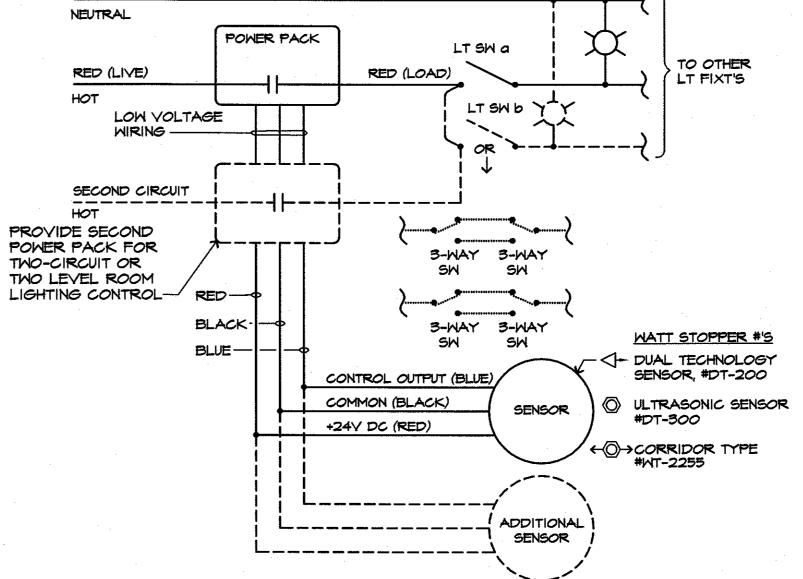
NO SCALE

- \$2 WATTSTOPPER CAT. NO. WA-300 GROUND U.O.N. USE THE FOLLOWING SETTINGS 120V/2TTV GROUND TIME DELAY - 20 MINUTES (SEE INSTALLATION LIGHT LEVEL- LOW INSTRUCTIONS) SENSITIVITY - HIGH MODE ---- AUTOMATIC ON OVERRIDE - NORMAL DUAL LEVEL SWITCHING

WALL OCCUPANCY SENSOR WIRING 3 NO SCALE

FOR TECHNICAL SUPPORT

CALL 1-800-879-8585



FINAL DETERMINATION OF CIRCUITING, YOLTAGE AND QUANTITY OF POWER PACKS REQUIRED, AND SETTING OF SENSITIVITY/TIME ADJUSTMENTS ARE THE RESPONSIBILITY OF THE INSTALLING CONTRACTOR, AND/OR COMMISSIONING AGENT, MANUFACTURERS

BE ADHERED TO, FOR TECHNICAL SUPPORT CALL 800-879-8585

- ALL SENSOR LOCATIONS ARE APPROXIMATE, REFER TO MANUFACTURES INSTALLATION INSTRUCTIONS PRIOR TO INSTALLATION.
- 2. ULTRASONIC CEILING MOUNT SENSORS REQUIRE THEY BE LOCATED NO CLOSER THAN 6' FROM AIR SUPPLY/RETURN REGISTERS.
- 3. CONTRACTOR IS RESPONSIBLE FOR: PROPER SENSITIVITY & TIME DELAY SETTINGS & MANUFACTURES RECOMMENDED PLACEMENT,
- 4. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION OF REQUIRED VOLTAGE AND NUMBER OF POWER PACKS.

TO POWER PACK PLACEMENT.

- A. ONE POWER PACK IS REQUIRED FOR EACH CIRCUIT THAT IS TO BE CONTROLLED.
- B. DEPENDING ON TYPE OF SENSOR UP TO 3 SENSORS CAN BE WIRED IN PARALLEL TO A SINGLE POWER PACK.
- 5. CONTRACTOR SHALL PROVIDE FOR MOUNTING OF POWER PACK(S) IN ACCESSIBLE LOCATIONS AND FOR LOW VOLTAGE WIRING TO SENSORS AND MOUNTING OF SENSOR(S) ON T-BAR OR HARD CEILINGS.
- 6. PROVIDE AND INSTALL WIRE GUARDS OVER SENSORS IN RESTROOM AND LOCKER ROOM LOCATIONS.

OCCUPANCY SENSOR WIRING

DETAIL NOTES:

WHITE/NEUTRAL

- WIRE TO SUPPORT "T-BAR" CEILING GRID BY OTHERS
- 2. CEILING STRUCTURE.
- 3. TYPICAL ANCHOR TO CEILING STRUCTURE, SAME AS APPROVED GRID WIRE ANCHOR.
- 4. ONE #12 GA TAUT WIRE AT EACH CORNER OF FIXTURE W FOUR (4) FULL TURNS FOR EACH #12 WIRE IN 11/2" DISTANCE. (BY ELECTRICAL CONTRACTOR).
- 5. LIGHT FIXTURE.
- 6. CEILING GRID SYSTEM BY OTHERS.
- 7. EARTHQUAKE CLIPS, 4 EA. TYP.
- 8. ANCHOR FIXTURE OUTLET BOX TO CEILING STRUCTURE
- 9. 1/2" FLEX CONDUIT, 2#12 & 1#126ND.
- 10. IF FLEX CONDUIT LENGTH EXCEEDS 6 FOOT, FASTEN FLEX CONDUIT TO FLEX CONDUIT SUPPORT WIRE PER N.E.C. SPACING.
- II. CONNECT FLEX CONDUIT SUPPORT WIRE TO FIXTURE.

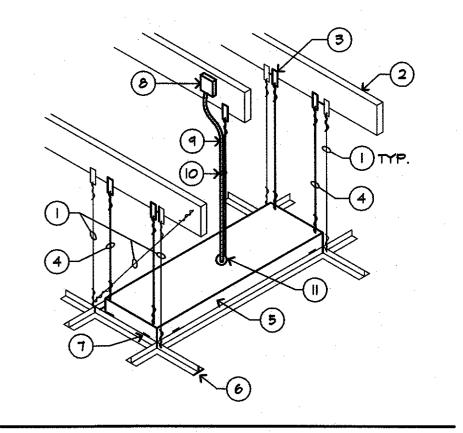
FIXTURE MOUNTING GENERAL NOTES:

ATTACH ALL LIGHT FIXTURES TO THE CEILING GRID RUNNERS TO RESIST A HORIZONTAL FORCE EQUAL TO THE WEIGHT OF THE FIXTURE.

FLUSH OR RECESSED LIGHT FIXTURE WEIGHING LESS THAN 56 POUNDS MAY BE SUPPORTED DIRECTLY ON THE RUNNERS OF A HEAVY DUTY GRID SYSTEM BUT, IN ADDITION, THE FIXTURES MUST HAVE A MINIMUM OF TWO (2) #12 GAUGE SLACK SAFETY WIRES ATTACHED TO THE DIAGONAL CORNERS # ANCHORED TO THE STRUCTURE ABOVE. LIGHT FIXTURES IN A MEDIUM DUTY GRID SYSTEM MUST HAVE TAUT SAFETY WIRES.

ALL FLUSH OR RECESSED LIGHT FIXTURES WEIGHING 56 POUNDS OR MORE MUST BE INDEPENDENTLY SUPPORTED BY NO LESS THAN FOUR (4) TAUT #12 GAUGE WIRES. EACH "TAUT" WIRE SHALL BE ATTACHED TO THE STRUCTURE REGARDLESS OF THE TYPE OF CEILING GRID SYSTEM USED.

THE FOUR (4) TAUT #12 GAUGE WIRES INCLUDING THEIR ATTACHMENT TO THE STRUCTURE NOTED ABOVE, MUST BE CAPABLE OF SUPPORTING FOUR (4) TIMES THE WEIGHT OF THE COMPLETE UNIT.



T-BAR MOUNTING FIXTURE DETAIL

NO SCALE

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