

Abbreviations		
A	AB	Anchor Bolt
	ACC	Accord/Accordion
	ACOUS	Acoustical
	ACT	Acoustical Ceiling Tile
	AD	Aire Drain
	ADD	Addendum
	ADJ	Adjustable/Joint
	ADMIN.	Administration
	AF	Above Finished Floor
	AGG	Aggregate
B	BA	Bar
	BC	Bottom of Curb
	BD	Board
	BTUM	Brimmish
	BL	Building Line
	BLDG	Building
	BKGD	Blocking
	BK	Block
	BOT	Bottom
	BVD	Beam/Beam Mark
C	CB	Cable
	CC	Cable Tray/Chalkboard
	CD	Ceiling Diffuser
	CEM	Cement
	CEM PL	Cement Plaster
	CE	Ceramic
	CG	Corner Guard
	CH	Chair Hook
	CHS	Chair Rail
	CI	Cast Iron
D	DI	Detail
	D	Dryer
	DC	Deck
	DECD	Decorous
	DEPT	Department
	DET	Detail
	DF	Drinking Fountain/Douglas Fir
	DIA	Diagonal
	DIA	Drilled in Concrete Anchor
	DIFF	Diffuser
E	EM	Enamel
	EQ	Equal/Equivalent
	EQ	Equal/Equivalent
	EQ	Equal/Equivalent
	EQ	Equal/Equivalent
	EQ	Equal/Equivalent
	EQ	Equal/Equivalent
	EQ	Equal/Equivalent
	EQ	Equal/Equivalent
	EQ	Equal/Equivalent
F	FA	Fire Alarm
	FAB	Fabricate
	FB	Flat Bar
	FBD	Fiber Board
	FBO	Furnished by Owner
	FD	Floor Drain
	FDC	Fire Department Connection
	FON	Foundation
	FE	Fire Extinguisher
	FEC	Fire Extinguisher Cab
G	GF	Glass Fiber Reinforced Plastic
	FG	Flat Glass
	FG	Flat Glass
	FG	Flat Glass
	FG	Flat Glass
	FG	Flat Glass
	FG	Flat Glass
	FG	Flat Glass
	FG	Flat Glass
	FG	Flat Glass
H	HA	Hardwood
	HORZ	Horizontal
	HORZ	Horizontal
	HORZ	Horizontal
	HORZ	Horizontal
	HORZ	Horizontal
	HORZ	Horizontal
	HORZ	Horizontal
	HORZ	Horizontal
	HORZ	Horizontal
I	IB	Inside Diameter/Inside Dimension
	IC	Insulating Glass
	IC	Insulating Glass
	IC	Insulating Glass
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	IC	Insulating Glass
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J	JA	Joint
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K	KA	Kitchen
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	KB	Kitchen
	KB	Kitchen
	KB	Kitchen
	KB	Kitchen
L	LAB	Laboratory
	LAV	Lavatory
	LH	Left Hand
	LHR	Left Hand Reverse
	LKR	Lock
	LL	Live Load
	LP	Low Point
	LPS	Loss Prevention
	LPS	Loss Prevention
	LPS	Loss Prevention
M	MA	Masonry
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O	OA	Overall
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Q	QA	Quality
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R	RA	Riser
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X	XA	Exterior
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	XA	Exterior
Y	YA	Year
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- ### General Notes

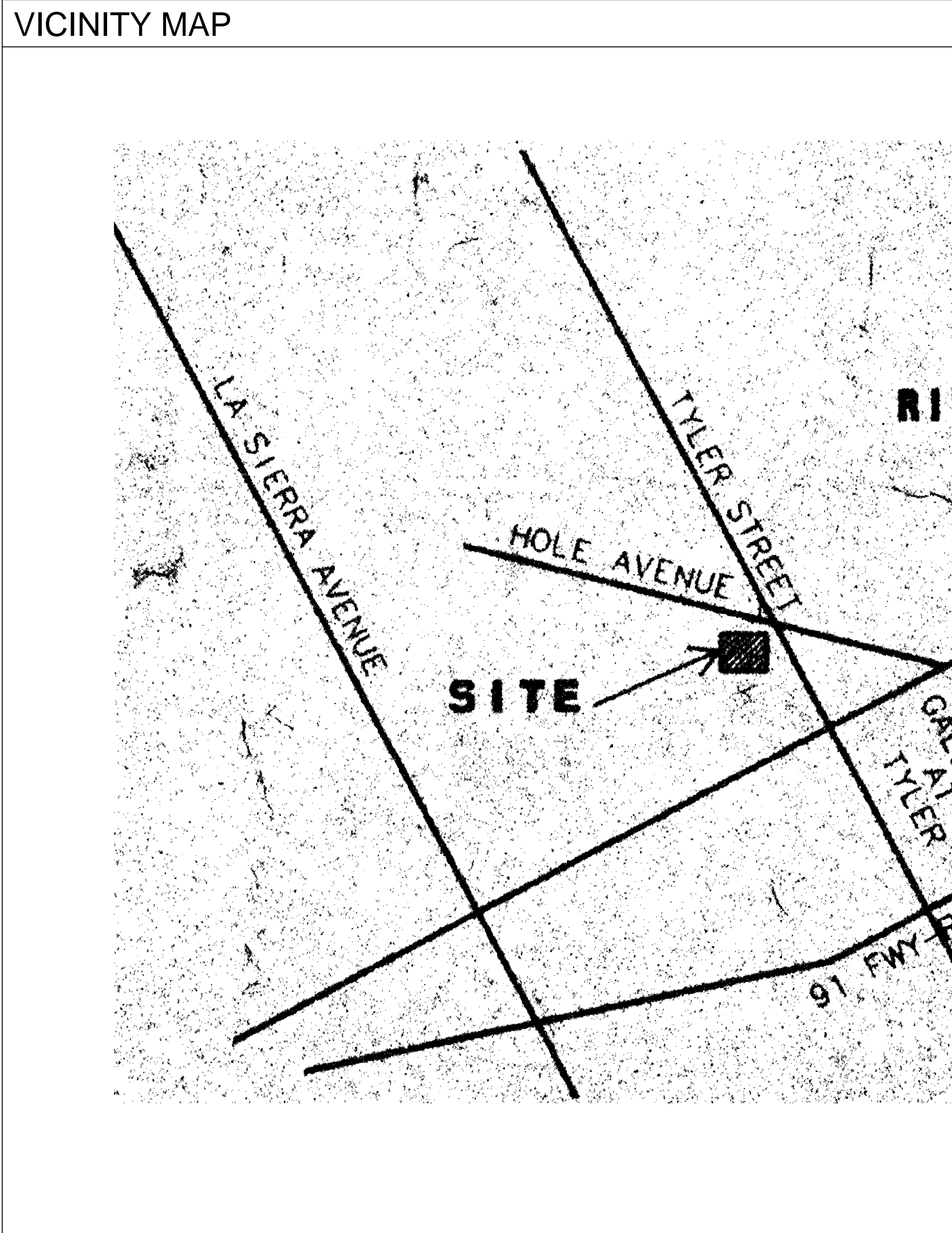
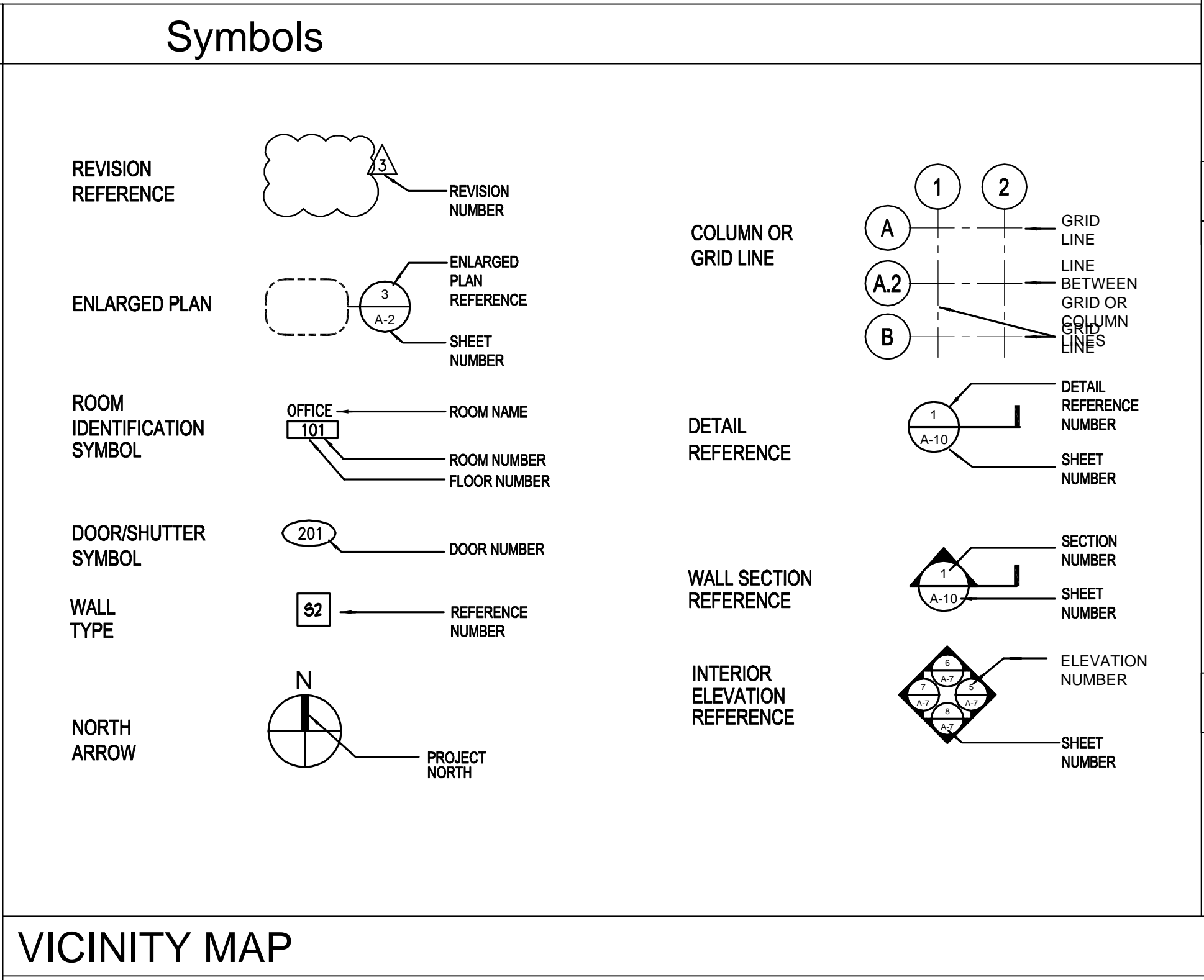
 - THESE DRAWINGS ARE THE PROPERTY OF BEST BUY CORP. NO CHANGES TO THESE DOCUMENTS, EITHER IN WHOLE OR IN PART, MAY BE MADE WITHOUT THE KNOWLEDGE AND WRITTEN CONSENT OF THE INDIVIDUAL WHOSE NAME AND SIGNATURE APPEARS UPON THE DOCUMENTS.
 - WORK SHALL BE COMPLETED IN ACCORDANCE WITH ALL APPLICABLE CODE REQUIREMENTS AND ALL STATE AND FEDERALLY MANDATED REQUIREMENTS IN EFFECT AT THE TIME OF SUBMITTAL FOR BUILDING PERMITS.
 - THESE DRAWINGS DO NOT CONTAIN INFORMATION WITH REGARD TO CONSTRUCTION SAFETY PROCEDURES. THE CONTRACTOR IS RESPONSIBLE FOR ALL CONSTRUCTION SAFETY AND SHALL PERFORM ALL WORK IN ACCORDANCE WITH STATE AND/OR FEDERAL CONSTRUCTION SAFETY GUIDELINES.
 - THE OWNER SHALL PAY ALL APPLICABLE ENVIRONMENTAL UTILITIES FEES AT BUILDING PERMIT ISSUANCE.
 - GENERAL CONTRACTOR TO THOROUGHLY REVIEW THESE PLANS, VISIT THE SITE, VERIFY ALL DIMENSIONS BEFORE SUBMITTING A BID, AND NOTIFY THE ARCHITECT OF ANY DISCREPANCIES.
 - ITEMS SHOWN AS N.I.C. ON PLANS MAY REQUIRE SEPARATE SUBMITTALS, APPROVALS AND PERMITS. INSTALLING CONTRACTOR(S) ARE RESPONSIBLE FOR OBTAINING EACH REQUIRED PERMIT.
 - ALL TENANT SIGNAGE SHOWN IS NOT A PART OF THIS WORK (N.I.C.).
 - PERMIT FOR TENTANT SIGNAGE BY OWNER.

FOLLOWING ITEMS INCLUDED TO THE DEFERRED SUBMITTAL:

 - EXTERIOR SIGN.
 - SPRINKLER SYSTEM.
 - SECURITY AND FIRE ALARM SYSTEMS.

ALL DEFERRED SUBMITTAL ITEMS SHALL FIRST BE SUBMITTED TO PROJECT ARCHITECT FOR REVIEW AND COORDINATION. SUBMITTAL SHALL INCLUDE A LETTER THAT THIS REVIEW AND COORDINATION HAS BEEN PERFORMED AND COMPLETED. ALL PLANS AND CALCULATIONS FOR DEFERRED ITEMS ARE FOUND TO BE ACCEPTABLE (WITH REGARD TO GEOMETRY, LOAD CONDITIONS, ETC) WITH NO EXCEPTION.

 - ALL EXISTING FIRE LANES TO BE MAINTAINED.
 - ALL EXISTING PUBLIC UTILITY PARKING, CROSS ACCESS, ELECTRIC EASEMENTS, ECT. SHALL BE CONFIRMED AND MAINTAINED.
 - VERIFY MINIMUM SLOPE TO DRAIN AS INDICATED ON THE DRAWINGS PRIOR TO THE START OF CONSTRUCTION. NOTIFY THE ARCHITECT IMMEDIATELY UPON DISCOVERY OF ANY DISCREPANCIES.
 - VERIFY IN FIELD, ELEVATIONS, FLOW LINES, EXISTING CONDITIONS, AND POINTS OF CONNECTION WITH SITE IMPROVEMENTS PRIOR TO THE START OF CONSTRUCTION. ANY DISCREPANCIES ARE TO BE CALLED TO THE ATTENTION OF THE ARCHITECT AND CIVIL ENGINEER BEFORE PROCEEDING WITH ANY WORK.
 - PROVIDE POSITIVE DRAINAGE OF SURFACE WATER AWAY FROM ALL BUILDINGS WITHOUT PONDING OF WATER ADJACENT TO BUILDINGS OR ON PAVEMENTS. DRAINAGE OF PAVED AND LANDSCAPED AREAS TO BE A MINIMUM OF 1%, UNLESS OTHERWISE NOTED. MAXIMUM CROSS SLOPE AT ALL WALKS SHALL BE 2% FOR DISABLED ACCESS.
 - ALL EARTH WORK TO BE PERFORMED UNDER THE OBSERVATION OF THE SOILS ENGINEER IN ACCORDANCE WITH RECOMMENDATIONS OF THE SOILS REPORT TO ASSURE PROPER SITE PREPARATION, SELECTION OF SATISFACTORY FILL MATERIALS, AND PLACEMENT AND COMPACTION OF THE FILLS.
 - NOT USED.
 - THE SOIL ENGINEER SHALL BE RETAINED TO PROVIDE OBSERVATION AND TESTING SERVICES DURING THE GRADING AND FOUNDATION PHASE OF CONSTRUCTION PER SOIL REPORT RECOMMENDATIONS. INSPECTION AND TESTING REPORTS SHALL BE SUBMITTED TO THE BUILDING DEPARTMENT.
 - REPAIR EXISTING PUBLIC FACILITIES DAMAGED DURING THE COURSE OF CONSTRUCTION TO THE SATISFACTION OF THE CITY OF GOLETA.
 - ALL BUILDING HEIGHTS AND ELEVATIONS SHALL BE MEASURED FROM FINISH FLOOR UNLESS OTHERWISE NOTED.
 - ENSURE ALL FINISH MATERIALS WILL BE FLUSH WITH ADJACENT SURFACES AND JOINTS, (EXCEPT WHERE INDICATED OTHERWISE).
 - PAINT ALL EXPOSED FLASHING AND EXPOSED METAL TO MATCH ADJACENT FINISH.
 - PRIOR TO THE ISSUANCE OF A BUILDING PERMIT ALL APPLICABLE FEES SHALL BE PAID. THESE FEES SHALL INCLUDE, BUT NOT BE LIMITED TO, THOSE FEES REQUIRED BY CITY ORDINANCES SUCH AS TRAFFIC IMPACT FEES, NOISE FEES, PUBLIC FACILITIES FEES, FIRE IMPACT FEES, AND REGIONAL TRANSPORTATION IMPACT FEES.
 - DURING CONSTRUCTION, ACCESS SHALL BE PROVIDED TO ALL AREAS OF THE SITE COMPLETELY AROUND STRUCTURES. THE ACCESS ROAD SHALL BE 20 FEET WIDE COMPACTED 95% PAVED ROADWAY OR EQUIVALENT. EXCEPTIONS TO BE VERIFIED BY BEST BUY CONTACT.
 - PROVIDE CONTAINER FOR ALL CONSTRUCTION DEBRIS, TRASH AND MATERIALS ON-SITE UNTIL DISPOSAL OFF-SITE CAN BE ARRANGED. REFER TO SPECIFICATION GENERAL CONDITIONS.
 - ALL COLUMN LINES SHOWN ON FLOOR PLANS WILL HAVE COLUMN LINE INDICATOR BUBBLES SHOWN ON THEM. THESE BUBBLES ARE FOR REFERENCE ONLY. THE COLUMNS ARE NUMBERED ON THE STRUCTURAL DRAWINGS.
 - DO NOT SCALE DRAWINGS. IF DIMENSIONS ARE IN QUESTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING CLARIFICATION FROM THE OWNER'S REPRESENTATIVE BEFORE CONTINUING WITH CONSTRUCTION.
 - CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND COORDINATE ALL TRADES.
 - CONTRACTOR SHALL VERIFY ALL EQUIPMENT LOCATIONS AND DIMENSIONS AND REQUIRED CLEARANCES OF ALL EQUIPMENT (REFER TO DRAWINGS, SPECIFICATIONS, AND EQUIPMENT MANUALS & CUT SHEETS).
 - ALL SYMBOLS, ABBREVIATIONS, AND NOTES MARKED "TYPICAL" OR "TYP." SHALL APPLY IN ALL SIMILAR CIRCUMSTANCES, UNLESS OTHERWISE NOTED.



AUTHORITY HAVING JURISDICTION

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T.B.D.

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					E5.0	TITLE 24
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					E5.2	TITLE 24

REVISION NUMBER

5	4	3	2	1		

Applicable Codes

CODES	
STATE BUILDING CODE	CBC 2013
BUILDING CODE	CBC 2013
MECHANICAL CODE	CMC 2013
PLUMBING CODE	CPC 2013
ELECTRICAL CODE	2013 CEC
FIRE PREVENTION CODE	CFC 2013
ENERGY CODE	2013 CALIFORNIA ENERGY CODE
ACCESSIBILITY CODE/LAWS	CBC 2013

NOTE: THIS PROJECT SHALL COMPLY WITH THE 2013 EDITION OF THE CBC, CMC, CPC AND CEC WITH CITY AMENDMENTS

CONSTRUCTION CLASSIFICATION: V-B, FULLY SPRINKLERED

SCOPE OF WORK

SCOPE OF WORK:
TENANT IMPROVEMENT OF BEST BUY SPACE TO ADD PACIFIC SALES, NEW FLOORING AND REPAIR SALES AREA AND OFFICES. RELOCATE EXISTING EMPLOYEE LOUNGE TO NEW LOCATION, MODIFY PART OF EXISTING INTERIOR WALLS TO ENLARGE EXISTING STOCK ROOM.

COVER SHEET

CS1.0

REVISIONS

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Abdul Salehi, Architect

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14711 DARTMOUTH CIRCLE, TUSTIN, CA 92780

OWNER

3900 TYLER STREET,
RIVERSIDE, CA

DATE

BID/PERMIT SET
12/12/14

REVISIONS

REV	DATE	
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SHEET

COVER SHEET

SQ. FT. CALC

RETAIL: 51,140 SF
OFFICES: 2,069 SF
STORAGE/REMAINING: 4,212 SF
INSTALL: 999 SF
TOTAL: 58,420 SF

CONCEPT:

45K C5
CONCEPT DATE: XX.XX.XX
G.O. -21 FUTURE REL. XX.XX.XX
G.O. -13 FINAL REL. XX.XX.XX
PROTOTYPE DATE: XX.XX.XX
STORE NUMBER: 0110

BEST BUY

ARCHITECT

SEAL

CONSULTANT

OWNER

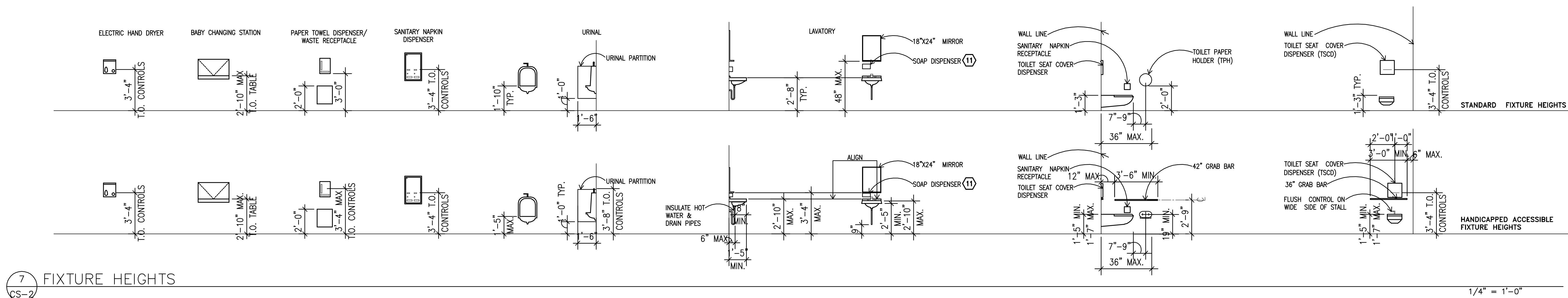
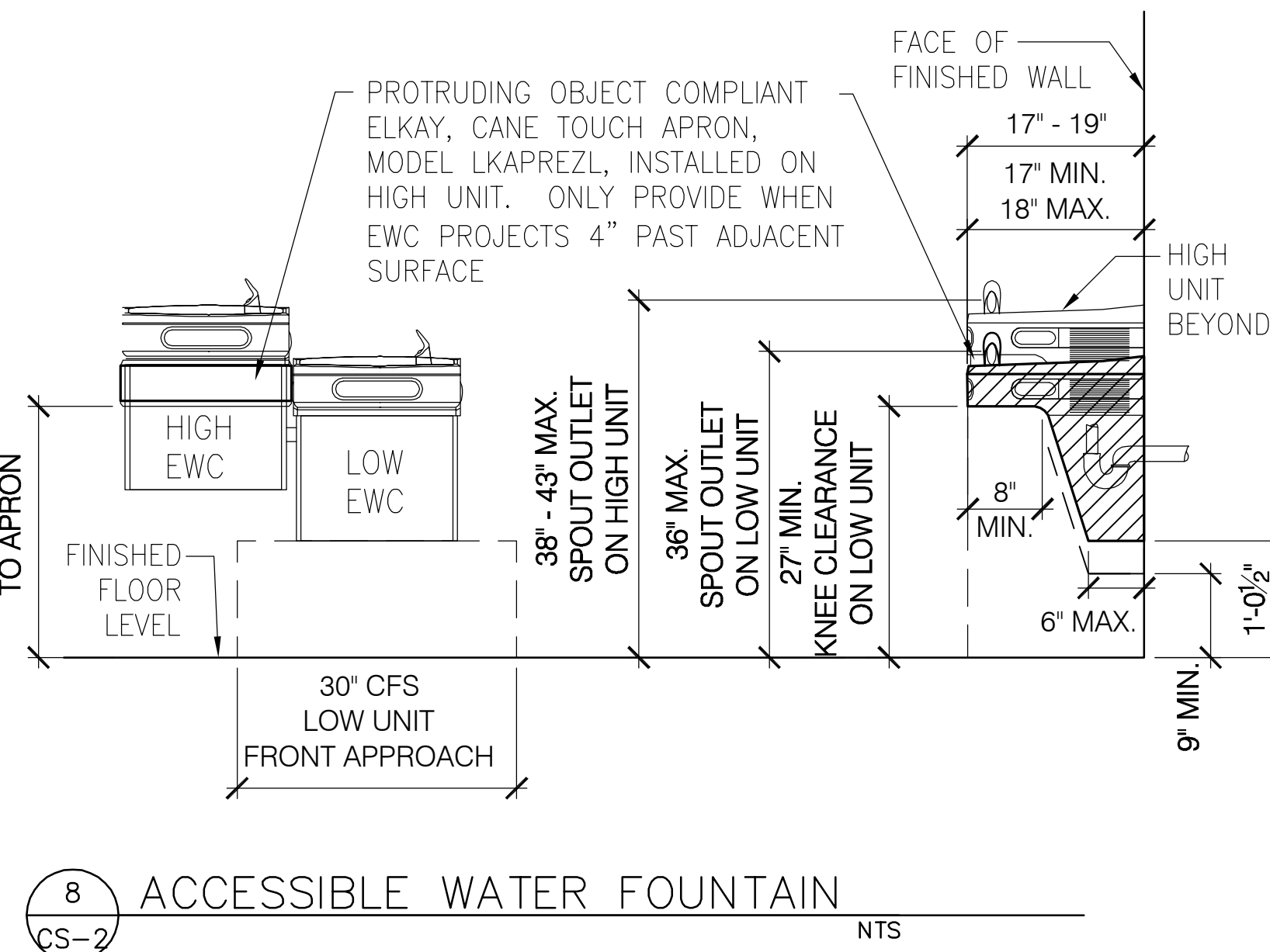
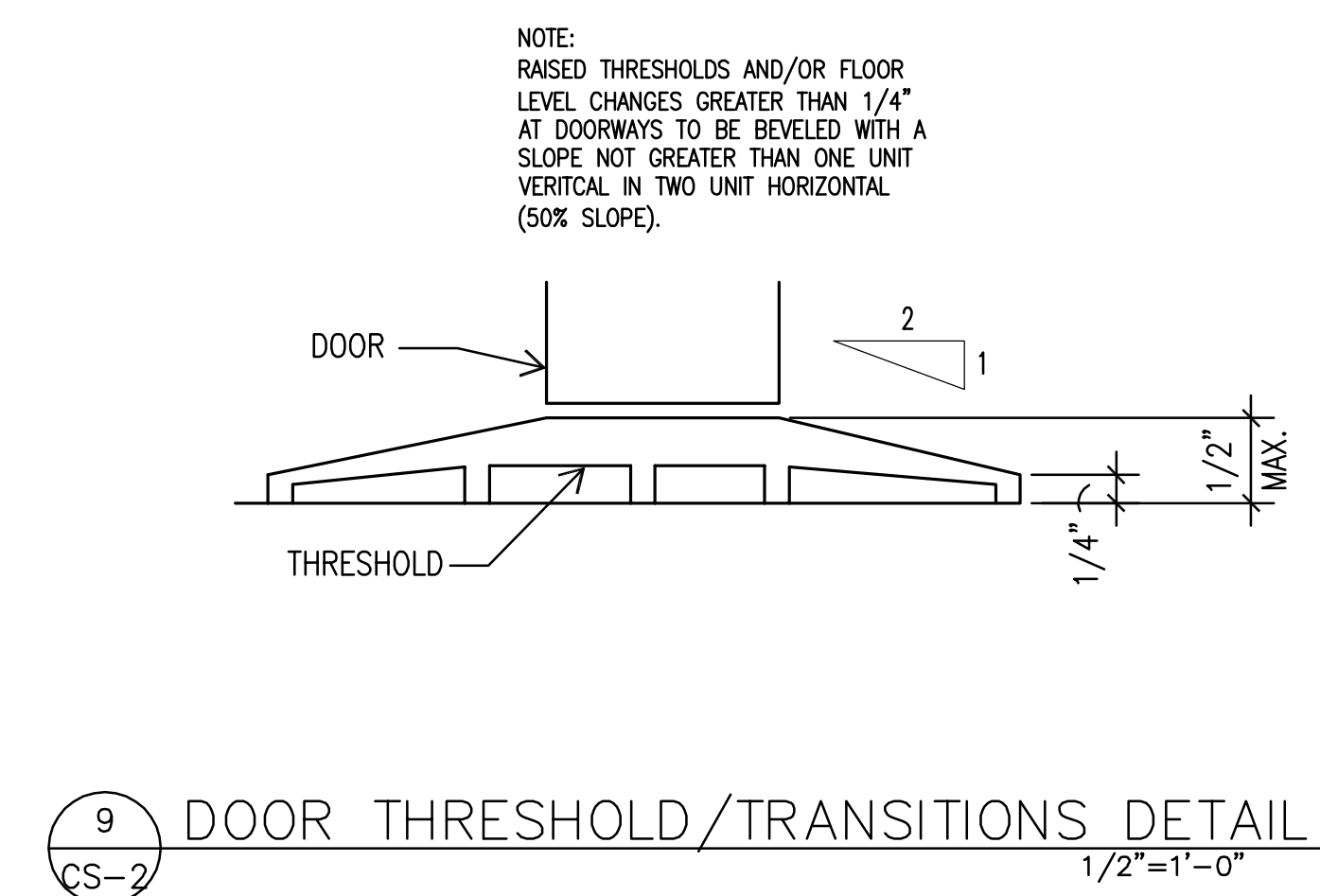
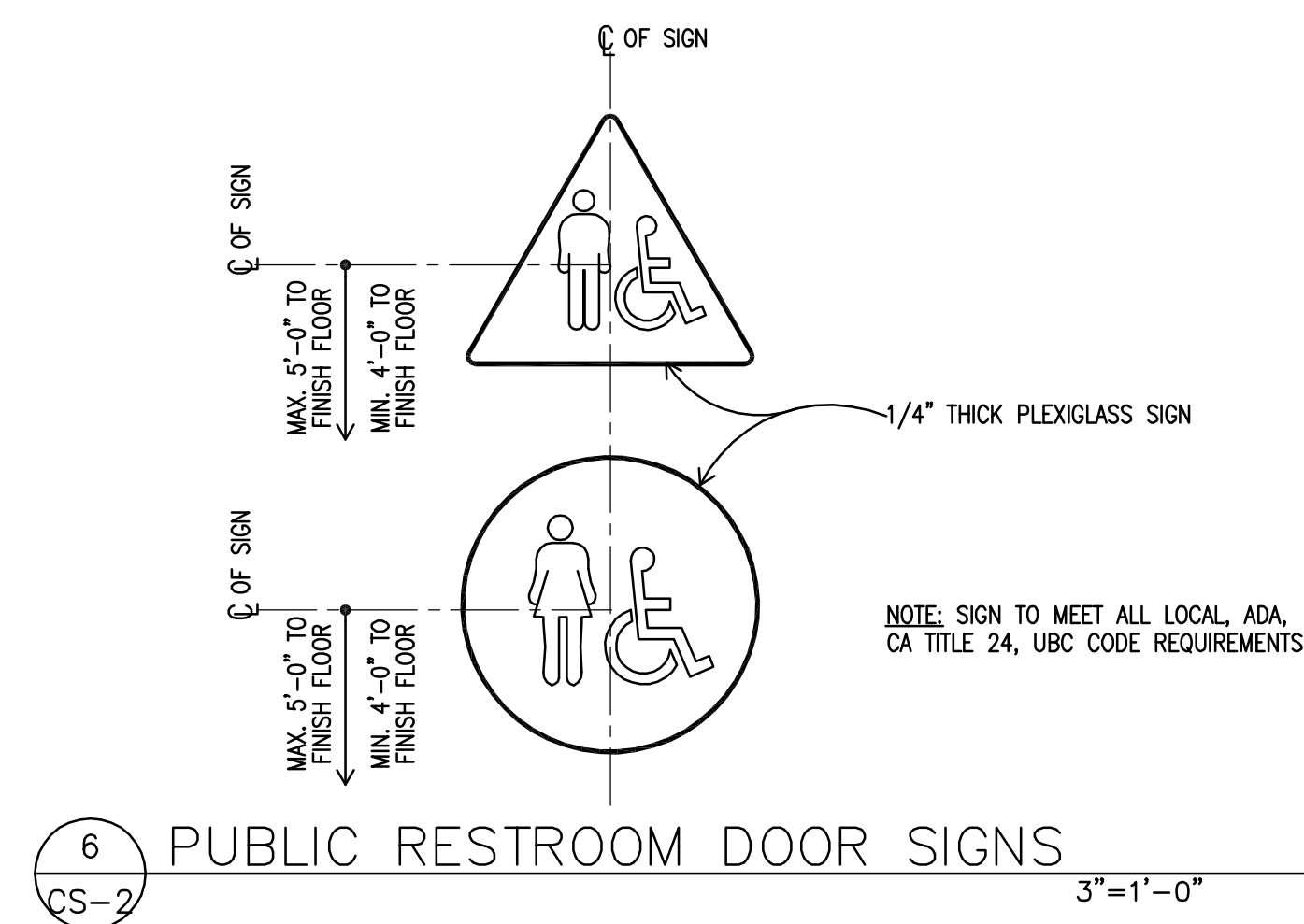
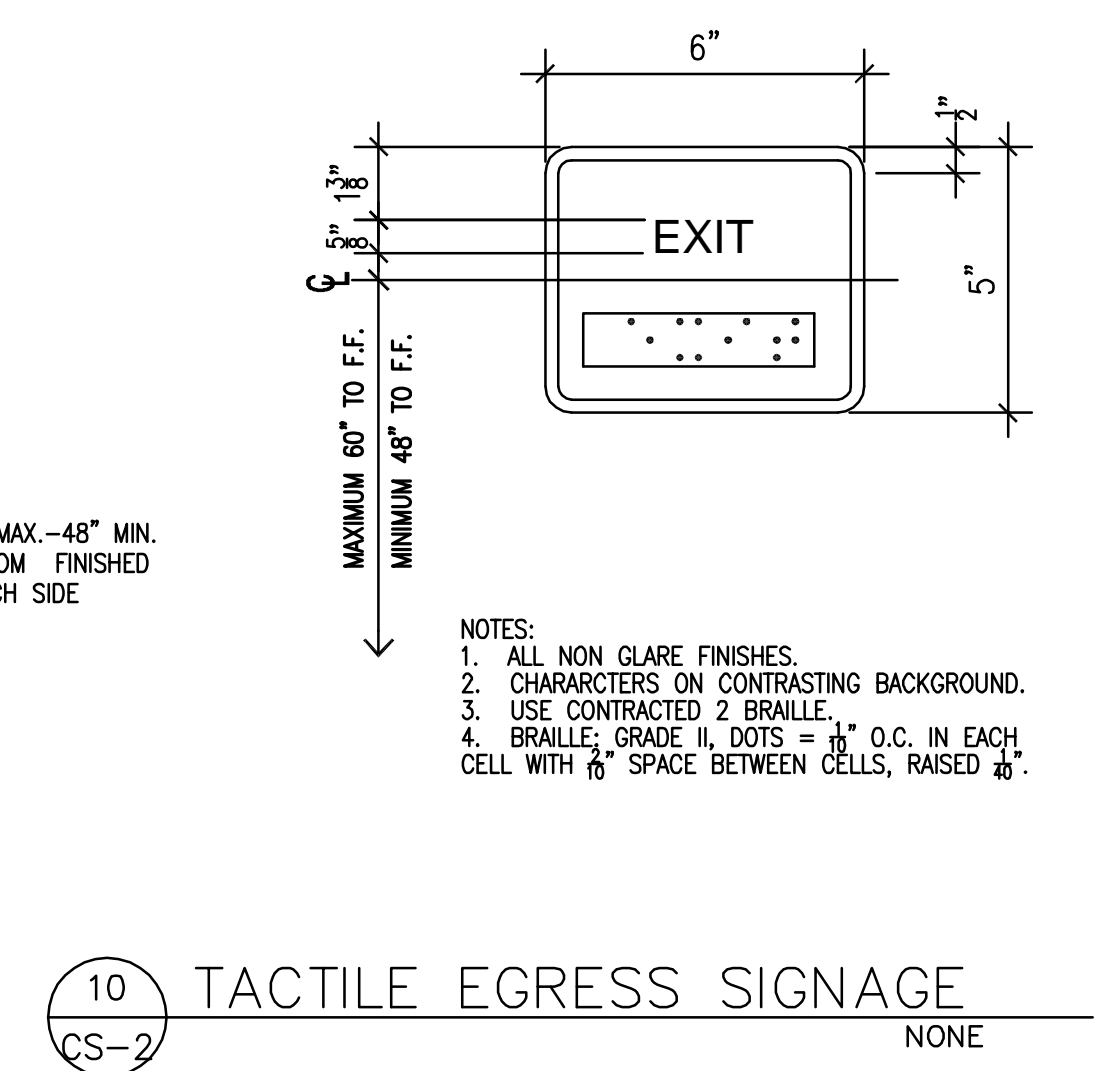
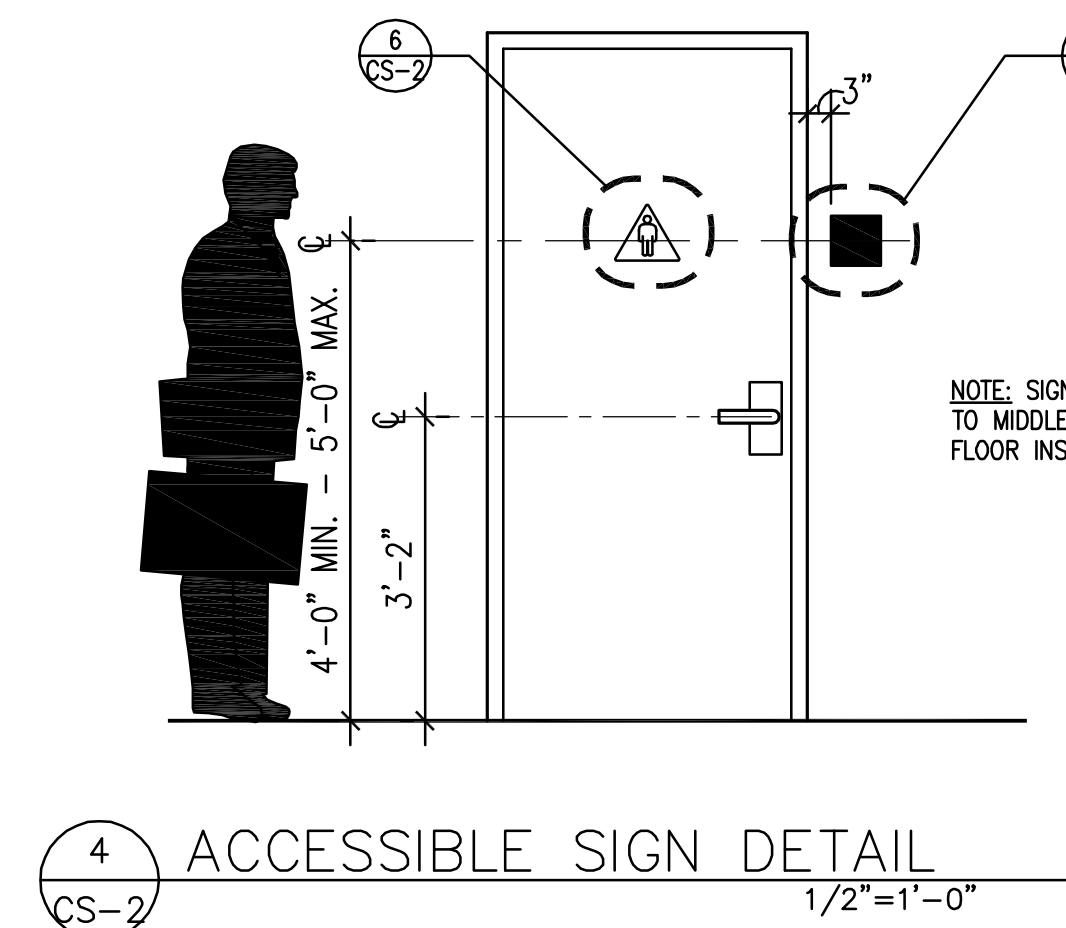
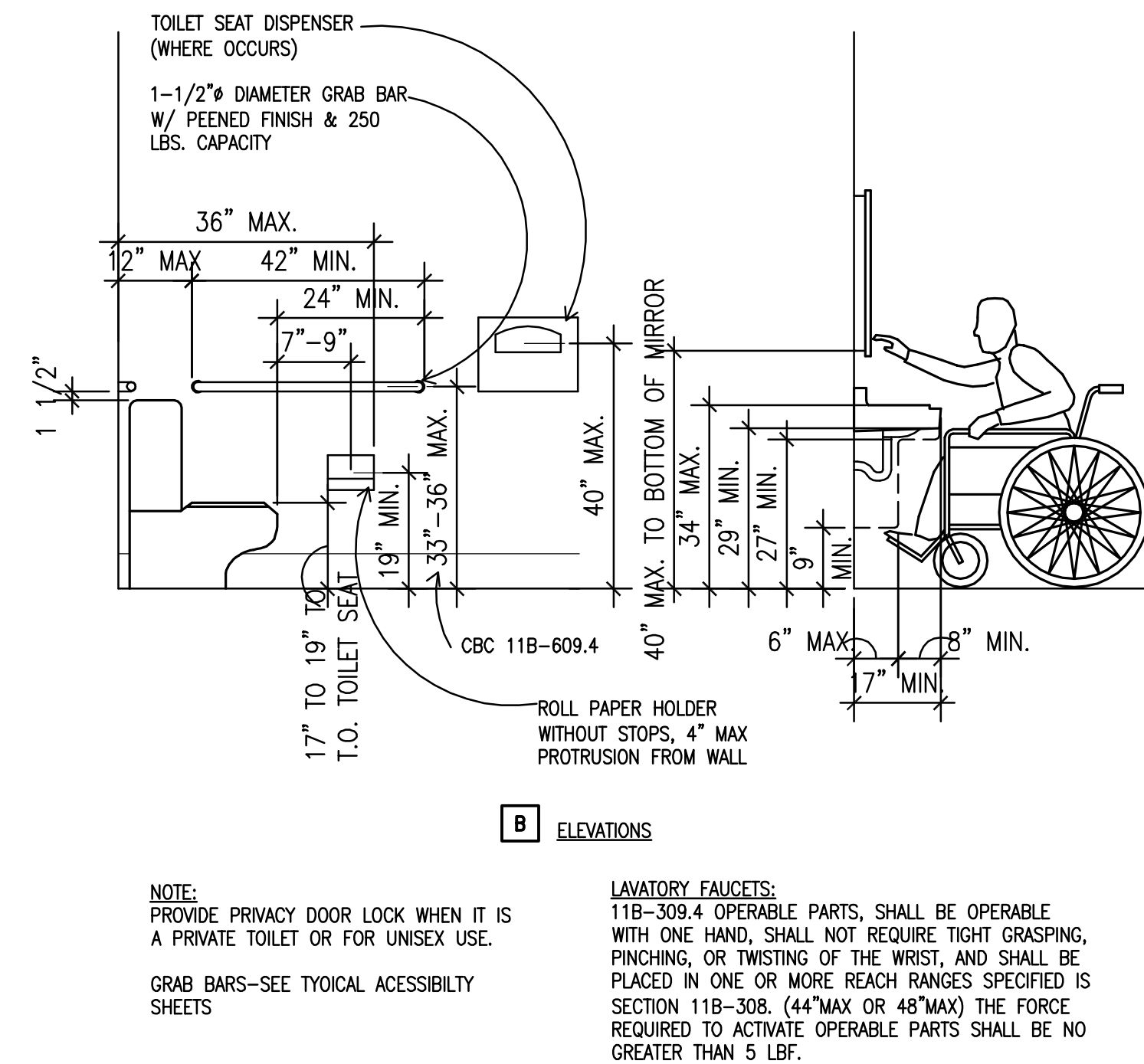
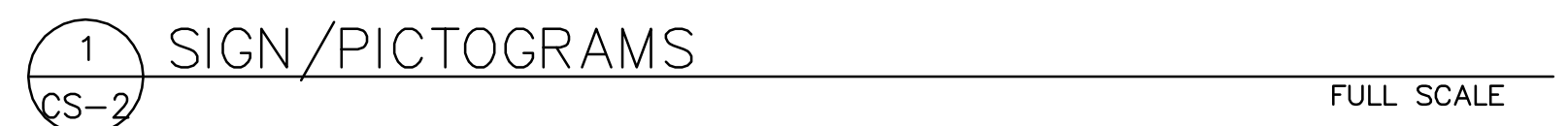
LOCATION

DATE

REVISIONS

SHEET

CONTRACTOR SHALL UTILIZE ALL APPLICABLE TYPICAL ACCESSIBILITY DETAILS & NOTES



Drinking Fountain CBC

1. Where water fountains area provided, they shall comply with CBC 11B-602.1. Only one drinking fountain area is provided on a floor, there shall be a drinking fountain that is accessible to individuals who use wheelchairs in accordance with this Section and one accessible to those who have difficulty bending or stooping. This can be accommodated by the use of "hi-low" fountains, or by such other means as would achieve the required accessibility for each group on each floor.
2. Drinking fountains shall be located completely within alcoves positioned completely between wing walls or otherwise positioned so as not to encroach into pedestrian ways. The protected area within in which the drinking fountain is located shall not be less than 32 inches (813 mm) in width and 18 inches (457 mm) in depth and shall comply with section 11B-305.7. When used, wing walls or barriers shall project horizontally at least as far as drinking fountain and to within 6" vertically from the floor or ground surface, Sec 11B-602.9
3. Wall and post mounted cantilevered drinking fountains shall be a minimum of 18" in depth and a 19" max. in depth Sec 11B-602.8
4. Spout outlet of drinking fountain for standing person shall be 36" min and 43" max. above finish floor or ground surface, Sec. 11B-602.7
5. The spout location shall be located 15" min. from the vertical support and 5" max. from the front edge of the unit.
Sec 11B-602.5
6. The spout outlet shall be 36" max above finish floor or ground surface.
Sec 11B-602.4
7. The spout shall provide a flow of water at least 4" high min. and shall be located 5" max. from the front of the unit
Sec 11B-602.6

Sales CBC-11B-904

11B-904 Check-Out: Check-out aisles and sales and service counters shall comply with the applicable requirements of section 11B-904

1. Sales counters and service counters shall comply with sec. 11B-904.4.1 or 11B-904.4.2. The accessible portion of the counter shall extend the same depth as sales or service countertop, Sec 11B-904.4
2. Counters: The counter surface height shall be 38" max. above finish floor or ground. The top of counter edge protection shall be 51" max. above top of the counter surface on the aisle side of the check-out counter.
3. Sec 11B-904.3.2

Check-out aisles width shall comply with section 11B-904.3

Except as provided in section 11B-403.5.2 & 11B-403.5.3, the clear with of walking surfaces shall be 36"
4. Sec 11B-403.5.1
- 5.

Alarm System Notes

1. APPROVED VISUAL NOTIFICATION APPLIANCES FOR THE HEARING IMPAIRED SHALL BE INSTALLED ON ACCORDANCE WITH NFPA 72G IN RESTROOMS AND OTHER AREAS OF COMMON USE.
2. VISUAL AND AUDIBLE ALARMS SHALL COMPLY WITH PROVISIONS OF NFPA 72G.
3. THE CENTER OF FIRE ALARM INITIATING DEVICES (BOXES) SHALL BE LOCATED 48" INCHES ABOVE THE LEVEL OF THE FLOO, WORKING PLATFORM, GROUND SURFACE, OR SIDEWALK

Fixed or Built-In Seating, Tables and Counters

1. WHERE FIXED OR BUILT-IN SEATING, TABLES, OR COUNTERS ARE PROVIDED FOR THE PUBLIC, AND IN GENERAL EMPLOYEE AREAS, 5%, BUT NEVER LES THAN 1 MUST BE ACCESSIBLE
2. THE TOPS OF TABLES AND COUNTERS SHALL BE 28" MIN. AND 34" MAX. FROM THE FLOOR OR GROUND.
SEC. 11B-902.3
3. IF SEATING FOR PEOPLE IN WHEELCHAIRS IS PROVIDED AT FIXED TABLES OR COUNTER, KNEE SPACES AT LEAST 27" HIGH, 30" WIDE, AND 19" DEEP SHALL BE PROVIDED.

Telephone Notes

1. PUBLIC TELEPHONES SHALL COMPLY WITH SEC 11B-704
2. A CLEAR FLOOR OR GROUND SPACE COMPLYING WITH SEC. 11B-305 SHALL BE PROVIDED. THE CLEAR FLOOR OR GROUND SHALL NOT BE OBSTRUCTED BY BASE, ENCLOSURE OR SEAT
3. BASES, ENCLOSURES AND FIXED SEATS SHALL NOT IMPEDE APPROACHES TO TELEPHONES BY PEOPLE WHO USE WHEELCHAIRS.
4. THE OPERABLE PART OF THE TELEPHONE SHALL COMPLY WITH SEC. 11B-309
5. THE CORD FROM THE TELEPHONE TO THE HANDSET SHALL BE AT LEAST 29" LONG. SEC 11B-704.2.4
6. TELEPHONE SHALL HAVE PUSH-BUTTON CONTROLS WHERE SUCH SERVICE IS AVAILABLE SEC 11B-704.2.2
7. IF TELEPHONE ENCLOSURES ARE PROVIDED, THEY SHALL COMPLY WITH THE FOLLOWING: SEC 11B-704.2.1.1 & 11B-704.2.1.2

Controls & Operating Mechanisms CBC

1. CONTROLS AND OPERATING MECHANISMS REQUIRED TO BE ACCESSIBLE SHALL COMPLY WITH THE REQUIREMENTS OF SECTION 11B-309
2. CLEAR FLOOR SPACE COMPLYING WITH SECTION 11B-305 THAT ALLOWS A FORWARD OR PARALLEL APPROACH BY A PERSON USING A WHEELCHAIR SHALL BE PROVIDED AT CONTROLS, DISPENSERS, RECEPTACLES, AND OTHER OPERABLE EQUIPMENT.

Corridors & Aisles Comply With CBC

1. EVERY CORRIDOR SERVING AN OCCUPANT LOAD OF 50 OR MORE SHALL NOT BE LESS THAN 44" WIDTH, CORRIDORS SERVING AN OCCUPANT LOAD OF LESS THAN 50 SHALL NOT BE LESS THAN 36" WIDTH, Sec 1018.2 TABLE 1018.2

Entrances

1. ALL ENTRANCES AND ALL EXTERIOR GROUND FLOOR EXIT DOORS TO BUILDINGS AND FACILITIES SHALL BE MADE ACCESSIBLE TO PERSONS WITH DISABILITIES.
SEE SEC. 11B-404.1
2. EXIT DOORS SHALL BE OPERABLE FROM THE INSIDE WITHOUT THE USE OF A KEY OR ANY SPECIAL KNOWLEDGE OR EFFORT.
SECTION 100B.1.9
3. DOOR HANDLES, PULLS, LATCHES, LOCKS AND OTHER OPERATING DEVICES ON DOORS REQUIRED TO BE ACCESSIBLE BY CHAPTER 11A OR 11B SHALL NOT REQUIRE TIGHT GRASPING, TIGHT PINCHING OR TWISTING OF THE WRIST TO OPERATE
Sec 100B.1.9.1
- 4.. THE FLOOR OR LANDING SHALL BE NOT MORE THAN 1/2" LOWER THAN THE THRESHOLD OF THE DOORWAY.
SEE SEC. 11B-404.2.5
5. DOORS IN SERIES: THE DISTANCE BETWEEN TOW HINGED AND PIVOTED DOORS IN SERIES AND GATES IN SERIES SHALL BE 48" MIN. PLUS THE WIDTH OF DOORS OR GATES SWINGING INTO THE SPACE.
Sec 11B-404.2.6
6. MAXIMUM EFFORT TO OPERATE DOORS SHALL NOT EXCEED 5 POUNDS FOR EXTERIOR DOORS AND 5 POUNDS FOR INTERIOR DOORS, SUCH PULL OR PUSH EFFORT BEING APPLIED AT RIGHT ANGLES TO HINGED DOORS AND AT THE CENTER PLANE OF SLIDING OR FOLDING DOORS. COMPENSATING DEVICES OR AUTOMATIC DOOR OPERATORS MAY BE UTILIZED TO MEET THE ABOVE STANDARDS. WHEN FIRE DOORS ARE REQUIRED, THE MAXIMUM EFFORT TO OPERATE THE DOOR MAY BE INCREASED TO THE MAXIMUM ALLOWABLE BY THE APPROPRIATE ADMINISTRATIVE AUTHORITY , NOT TO EXCEED 15 POUNDS. SEE 11B-404.2.9
7. MINIMUM MANEUVERING CLEARANCES AT DOORS SHALL BE AS SHOWN IN 11B-404.2.4.1 11B-404.2.4.2 & 11B-404.2.4.3
THE FLOOR OR GROUND AREA WITHIN THE REQUIRED CLEARANCES SHALL BE LEVEL AND CLEAR.

Site Development and Accessible Route Of Travel

1. Site development and grading shall be designed to provide access to all entrances and exterior ground floor exits, and access to normal paths of travel, and where necessary to provide access, shall incorporate pedestrian ramps, curb ramps, etc. Access shall be provided within the boundary of the site from public transportation stops, accessible parking spaces, passenger loading zones if provided, and public streets or sidewalks. When more than one building or facility is located on a site, accessible routes of travel complying with section 11B-206 shall be provided between buildings and accessible site facilities, accessible elements, and accessible spaces that are on the same site. The accessible route of travel shall be the most practical direct route between accessible building entrances, accessible site facilities and the accessible entrance to the site. If access is provided for pedestrians from a pedestrian tunnel or elevated walkway, entrances to the building from each tunnel or walkway must be accessible.
- see sec. 11B-206.4.3

Walks and Sidewalks

1. Changes in level between $1/4"$ high min. & $1/2"$ high max. shall be beveled with a slope no greater than 1:2, changes not exceeding $1/4"$ may be vertical. see sec. 11B-303.3 & 11B-303.2
2. Abrupt changes in level exceeding $4"$ shall be identified by warning curbs. at least $6"$ in height above the walk surface
Sec. 11B-303.5
3. Changes in level exceeding $1/2"$ shall be ramped and shall comply with section 11B-405 or 11B-406
4. Walk and sidewalk surfaces shall be slip-resistant as follows:
5. Walks, sidewalks, and pedestrian ways shall be free of gratings whenever possible. for gratings located in the surface of any of these areas, grid openings in gratings shall be no greater than $1/2"$ wide in the direction of traffic flow, see sec. 11B-302.3
6. The running slope of walking surfaces shall not be steeper than 1:20, the cross slope of walking surfaces shall not be steeper than 1:48
see sec. 11B-403.3
7. Sec 11B-403.4 Change in level shall comply with sec. 11B-303
8. All walks with continuous gradients shall have level areas at least $5'$ in length at intervals of at least every $400'$ max. see sec. 11B-403.7

Ramps

1. The maximum slope of a ramp that serves any exit way, shall be located on a surface with a slope not exceeding 1 vertical in 50 horizontal. If there are curbs between the access aisle and the vehicle pull-up space, then a curb ramp shall be provided.
2. When provided, passenger drop-off and loading zones shall be located on an accessible route of travel.
3. Provide minimum vertical clearance of 9'-6" at accessible passenger loading zones and along at least one vehicle access route to such areas from site entrances and exits.
4. Valet parking facilities shall provide a passenger loading zone and shall be located on an accessible route to the entrances of the facility.

Pedestrian Grade Separations

1. Pedestrian ramps on pedestrian grade separations shall comply with the requirements for ramps.
2. Cross slopes of walking surfaces shall be the minimum warped possible and shall not exceed 1/4" per foot. the slope of any appreciably warped walking surface shall not exceed 1 vertical in 12 horizontal in any direction.
3. Where pedestrian grade separations cross streets or other vehicular traffic ways, and where a street level crossing can reasonably and safely be used by persons with disabilities, there shall be provided conforming curb ramps and a usable pathway.

Signs & Identification Cal. Building Code

1. WHEN SIGNS IDENTIFY, DIRECT OR GIVE INFORMATION ABOUT ACCESSIBLE ELEMENTS AND FEATURES OF A BUILDING OR SITE, THEY SHALL INCLUDE THE APPROPRIATE SYMBOL OF ACCESSIBILITY AND SHALL COMPLY WITH SECTION 11B-703.1
2. TACTILE CHARACTERS ON SIGNS SHALL BE LOCATED 48" MIN. A.F.F. OR GROUND SURFACE, MEASURED FROM THE BASELINE OF THE LOWEST BRAIL CELL AND 60" MAX. A.F.F. OR GROUND SURFACE MEASURED FROM THE BASELINE OF RAISED CHARACTER, Sec 11B-703.4.1
3. CHARACTERS AND SYMBOLS SHALL CONTRAST WITH THEIR BACKGROUND, EITHER LIGHT CHARACTERS ON A DARK BACKGROUND OR DARK CHARACTERS ON A LIGHT BACKGROUND, Sec 1117B.5.2
4. WHEN RAISED CHARACTERS ARE REQUIRED, THEY SHALL COMPLY WITH Sec 11B-703.2 AND SHALL BE DUPLICATED IN BRAILLE COMPLYING WITH SECTION 11B-703.3 RAISED CHARACTERS SHALL BE INSTALLED IN ACCORDANCE WITH Sec. 11B-703.4
 - a. CHARACTERS ON SIGNS SHALL BE RAISED 1/32" MINIMUM AND SHALL BE SANS-SERIF UPPERCASE SHALL NOT BE ITALIC, OBLIQUE, SCRIPT, HIGHLY DECORATIVE OR OTHER UNUSUAL FORMS
5. CONTRACTED GRADE 2 BRAILLE SHALL BE USED WHEREVER BRAILLE SYMBOLS ARE SPECIFICALLY REQUIRED IN OTHER PORTIONS OF THESE REGULATIONS. DOTS SHALL BE 1/10" ON CENTERS IN EACH CELL WITH 2/10" SPACE BETWEEN CELLS. DOTS SHALL BE RAISED A MINIMUM OF 1/40" ABOVE THE BACKGROUND.
Sec 11B-703
6. THE INTERNATIONAL SYMBOL OF ACCESSIBILITY SHALL COMPLY WITH FIG. 11B-703.7.2.1 THE SYMBOL SHALL CONSIST OF A WHITE FIGURE ON A BLUE BACKGROUND, THE BLUE SHALL BE COLOR NO.15090 IN FEDERAL STANDARD 595B
Sec 11B-703.7.2.1

Hazards & Protruding Objects

1. Elevation changes, where changes in elevation of less than 12" exist in the means of egress, sloped surfaces shall be used. Where the slope is greater than one vertical in 20 units horizontal (1/20, 5% slope), ramps complying with section 1010 shall be used where the difference in elevation is 6" or less, the ramp shall be equipped with either handrail or floor finish material that contrast with adjacent floor finish materials. See Sec. 1003.5
 2. Objects projecting from walls with their leading edges between 27" and 80 inches above the finished floor, shall protrude no more than 4 inches into walks, halls, corridors, passageways or aisles. Objects mounted with their leading edges at or below 27 inches above the finished floor may protrude any amount. Free-standing objects mounted on posts or pylons may overhang 12 inches maximum from 27 inches to 80 inches above the ground or finished floor. Protruding objects shall not reduce the clear width of an accessible route or maneuvering space. See Fig. 11B-7A
 3. See Sec. 1003.3.2
- Any obstruction that overhangs a pedestrian way shall be a min. of 80" above the walking surface or measured from the bottom of the obstruction. Structural elements, fixtures or furnishings shall not project horizontally from either sides more than 4" over any walking surface between the height of 27" & 80" above the walking surface, See Sec. 1003.3.3

Parking

1. Where parking spaces are provided, parking spaces shall be provided in accordance with section 11B-208 and table 11B-208.2
2. Each lot or parking structure where parking is provided for the public as clients, guests or employees, shall provide accessible parking as required by Sec. 11B-208.2
3. Van parking: for every six or fraction of six parking spaces required by section 11B-208.2 to comply with section 11B-502 at least one shall be a Van parking space complying with section 11B-502
4. Car and van parking spaces shall comply with section 11B-502 where parking spaces are marked with lines width measurements of parking spaces and access aisle shall be made from the centerline of markings.
See Sec. 11B-502.1
5. Vehicle Spaces: Car and van parking spaces shall be 216" long min., car parking spaces shall be 108" wide min. and van parking spaces shall be 144" wide min. shall be marked to define the width and shall have an adjacent access aisle complying with section 11B-502.3.
Except: Van parking spaces shall be permitted to be 108" wide min. where the access aisle is 96" wide min.
See Sec. 11B-502.2
6. Surface slopes of accessible parking spaces shall be the minimum possible and shall not exceed 1 unit vertical to 48 units horizontal in any direction.
See Sec. 11B-502.4
7. In each parking area, a bumper or curb shall be provided and located to prevent encroachment of cars over the required width of walkways.
See Sec. 11B-502.7.2
8. Each parking space reserved for persons with disabilities shall be identified by a reflectorized sign permanently posted immediately adjacent to and visible from each stall or space, consisting of a profile view of a wheelchair with occupant in white on dark blue background. The sign shall not be smaller than 70 square inches in area and, when in a path of travel, shall be posted at a minimum height of 98" from the bottom of the sign to the parking space finished grade.
See Sec. 11B-502.6
9. An additional sign or additional language below the symbol of accessibility shall state
" Minimum Fine \$250"
See Sec. 11B-507.6.2
10. Van accessible parking spaces shall have an additional sign stating "Van-Accessible" mounted below the symbol of accessibility and posted at a minimum height of 80" from the bottom of the sign to the parking space finished grade.
11. An additional sign shall also be posted, in a conspicuous place, at each entrance to off-street parking facilities, or immediately adjacent to and visible from each stall or space. The sign shall be not less than 17" by 22" in size with lettering not less than 1" in height, which clearly and conspicuously states the following:

"Unauthorized vehicles parked in designated accessible spaces
not displaying distinguishing placards or license plates issued
for persons with disabilities will be towed away at owner's
expense. towed vehicles may be reclaimed at

_____.
_____."
12. The surface of each accessible parking space or stall shall have a surface identification duplicating either of the following schemes:
 - a. By outlining or painting the stall or space in blue and outlining on the ground in the
 - b. By outlining a profile view of a wheelchair with occupant in white on blue background. The profile view shall be located so that it is visible to a traffic enforcement officer when a vehicle is properly parked in the space and shall be 36" high by 36" wide.

Sanitary Facility Fixtures & Accessories

1. THE SEAT HEIGHT OF ACCESSIBLE WATER CLOSETS SHALL BE A MINIMUM OF 17" AND A MAXIMUM OF 19" MEASURED TO THE TOP OF THE SEAT. SEAT SHALL NOT BE SPRUNG TO RETURN TO A LIFTED POSITION SEAT SHALL BE 2" HIGH MAX.
Sec 11B-604
2. 11B-305.3 THE CLEAR FLOOR OR GROUND SPACE SHALL BE 36" MIN. AND 48" MAXIMUM. CLEAR FLOOR OR GROUND SPACE SHALL BE PERMITTED TO INCLUDE TOE AND KNEE CLEARANCE COMPLYING WITH SECTION 11B-306. CLEAR FLOOR OR GROUND SPACES SHALL BE POSITIONED FOR FORWARD OR PARALLEL APPROACH TO AN ELEMENT. Sec 11B-305.4 & 11B-305.5
3. LAVATORIES WHEN LOCATED ADJACENT TO A WALL OR PARTITION SHALL BE MOUNTED WITH A MINIMUM DISTANCE OF 18" TO THE CENTER LINE OF THE FIXTURE.
Sec 11B-606.6
4. LAVATORIES SHALL BE MOUNTED WITH THE RIM OR COUNTER SURFACE NO HIGHER THAN 34" MAX. ABOVE THE FINISHED FLOOR OR GROUND
Sec 11B-606.3
5. HOT WATER AND DRAIN PIPES ACCESSIBLE UNDER LAVATORIES SHALL BE INSULATED OR OTHERWISE COVERED. THERE SHALL BE NO SHARP OR ABRASIVE SURFACES UNDER LAVATORIES.
Sec 11B-606.5
6. WHERE URINALS ARE PROVIDED, URINALS SHALL COMPLY WITH SECTION 11B-605. URINALS SHALL BE THE SATLL-TYPE OR WALL-HUNG TYPE WITH THE RIM 17" MAX. A.F.F. & 13.5" DEEP MIN. FROM OUTER FACE OF URINAL TO BACK OF FIXTURE. Sec 11B-605.2
7. URINALS-A CLEAR FLOOR SPACE OR GROUND SPACE COMPLYING WITH SECTION 11B-305 POSITIONED FOR FORWARD APPROACH SHALL BE PROVIDED. Sec 11B-605.3
8. CONTROLS FOR WATER CLOSET FLUSH VALVES SHALL BE MOUNTED ON THE OPEN SIDE OF TOILET AREAS.
Sec 11B-604.6
9. 11B-604.9.5 WATER CLOSET FLUSH CONTROLS, SHALL BE HAND OPERATED OR AUTOMATIC, SHALL BE INSTALLED 36" MAX. ABOVE THE FLOOR.
10. 11B-309.4 OPERABLE PARTS, SHALL BE OPERABLE WITH ONE HAND, SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST, AND SHALL BE PLACED IN ONE OR MORE REACH RANGES SPECIFIED IN SECTION 11B-308. (44" MAX OR 48" MAX)
THE FORCE REQUIRED TO ACTIVATE OPERABLE PARTS SHALL BE NO GREATER THAN 5 LBF.
11. 11B-606.4 CONTROLS FOR FAUCETS SHALL COMPLY WITH SEC. 11B-309, HAND OPERATED METERING FAUCETS SHALL REMAIN OPEN FOR 10 SECONDS MIN.
12. MIRRORS SHALL BE MOUNTED WITH THE BOTTOM EDGE NO HIGHER THAN 40" FROM THE FLOOR.
Sec 11B-603.3
13. KNEE & TOE CLEARANCE - WHERE SPACE BENEATH AN ELEMENT IS INCLUDED AS PART OF CLEAR FLOOR OR GROUND SPACE OR TURNING SPACE, THE SPACE SHALL COMPLY WITH SECTION 11B-306 ADDITIONAL SPACE SHALL NOT BE PROHIBITED BENEATH AN ELEMENT. BUT SHALL NOT BE CONSIDERED AS PART OF CLEAR FLOOR OR GROUND SPACE OR TURNING SPACE Sec 11B-306.1

Multiple Accommodation Sanitary Facilities

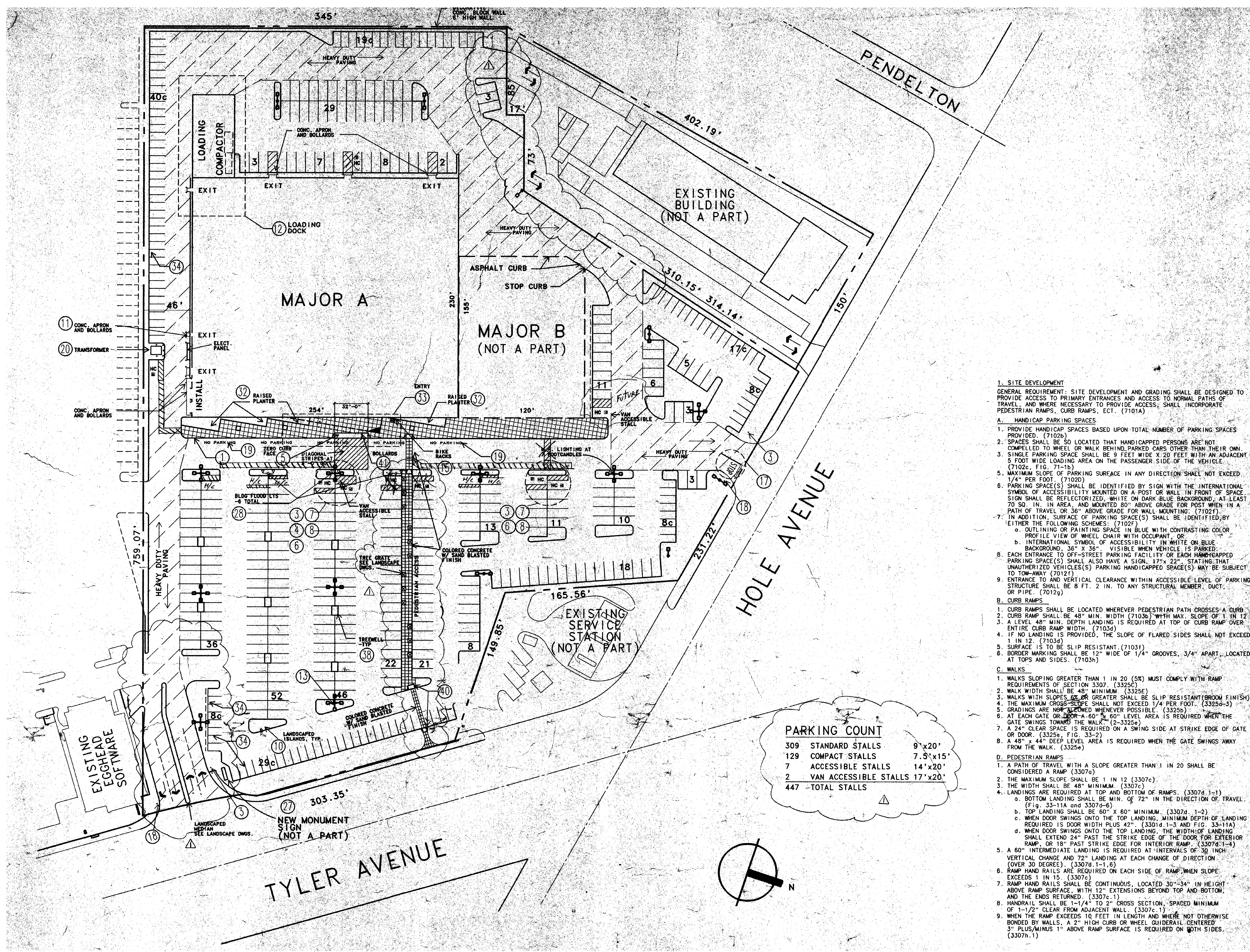
1. Water closets and toilet compartments shall comply with section 11B-604.2 thru 11B604.8
2. Water closet shall be positioned with a wall or partition to the rear and one side. Centerline of water closet shall be 17"min-18" max.
See Sec 11B-604.2
3. Clearance around a water closet shall be 60" min. measured perpendicular from the side wall and 56" min.
measured perpendicular from rear wall. A min. 60" wide x 48" deep maneuvering space shall be provided in front of water closet, See Sec. 11B-604.3.1
4. Toilet compartment doors & hardware shall comply with section 11B-404, except that if the approach is from the push side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 48" min. measured perpendicular to the compartment door in its closed position. Door shall be located in the side wall or partition furthest from the water closet. The door shall be self-closing, a door pull shall be placed on both sides of the door near latch per Sec. 11B-409.2.7
Toilet compartment doors shall not swing into the min. required compartment area, Sec 11B-604.8.2.2

Sanitary Facilities (General)

1. Bathing facilities and Toilets that serve buildings, facilities or portions of buildings or facilities that are required to be accessible to persons with disabilities shall be on an accessible route and shall conform to the requirements of sec. 11B-607
2. Doorways leading to the sanitary facilities shall be identified by a geometric symbol in compliance with section 11B-703.7.2.6. Symbols shall be mounted 58" min. & 60" max. above finish floor or ground surface measured to the center of the symbol. Where a door is provided the symbol shall be mounted within (1") of the vertical centerline of the door.
See Sec. 11B-703.7.2.6

Grab Bars California Building Code

1. GRAB BARS SHALL BE LOCATED ON EACH SIDE, OR ON ONE SIDE AND THE BACK OF THE ACCESSIBLE TOILET STALL OR COMPARTMENT.
Sec 11B-604.5
2. GRAB BARS AT THE SIDE SHALL BE AT LEAST 42" LONG LOCATED 12" MAX. FROM REAR WALL AND EXTENDING 54" MIN. FROM THE REAR WALL WITH THE FRONT END POSITIONED 24" MIN. INFRONT OF WATER CLOSET. THE REAR WALL GRAB BAR SHALL BE 36" LONG MIN. EXTEND 12" FROM CENTERLINE OF WATER CLOSET ON ONE SIDE AND 24" MIN. ON OTHER SIDE
Sec 11B-604.5.2
3. GRAB BARS SHALL BE INSTALLED IN A HORIZONTAL POSITION 33" MIN.-36" MAX ABOVE THE FINISH FLOOR MEASURED TO THE TOP OF THE GRIPPING SURFACE
Sec 11B-609.4
4. THE GRAB BAR WITH CIRCULAR CROSS SECTION SHALL HAVE AN OUTSIDE DIAMETER 1-1/4" MIN. 1-1/2" MAX. NON-CIRCULAR GRAB BAR SHALL HAVE A CROSS-SECTION DIMENSION OF 2" MAX. AND PERIMETER DIMENSION 4" MIN. 4.8" MAX.
Sec 11B-609.2.1 & 11B-609.2.2
5. ALLOWABLE STRESS IN A GRAB BAR SHALL NOT BE EXCEEDED FOR MATERIALS USED
WHEN A VERTICAL OR HORIZONTAL FORCE OF 250-LB IS APPLIED AT ANY POINT ON THE GRAB BAR, FASTER, MOUNTING DEVICE OR SUPPORTING STRUCTURE.
Sec 11B-609.8
6. GRAB BARS SHALL NOT ROTATE WITHIN THEIR FITTINGS., SEC. 11B-609.6
7. THE GRAB BAR AND ANY WALL OR OTHER SURFACE ADJACENT TO IT SHALL BE FREE OF ANY SHARP OR ABRASIVE ELEMENTS. EDGES SHALL HAVE A MINIMUM RADIUS OF 1/8".
Sec 11B-609.5



PARKING COUNT		
309	STANDARD STALLS	9'x20'
129	COMPACT STALLS	7.5'x15'
7	ACCESSIBLE STALLS	14'x20'
2	VAN ACCESSIBLE STALLS	17'x20'
447	TOTAL STALLS	

1. SITE DEVELOPMENT
- GENERAL REQUIREMENT: SITE DEVELOPMENT AND GRADING SHALL BE DESIGNED TO PROVIDE ACCESS TO PRIMARY ENTRANCES AND ACCESS TO NORMAL PATHS OF TRAVEL, AND WHERE NECESSARY TO PROVIDE ACCESS; SHALL INCORPORATE PEDESTRIAN RAMPS, CURB RAMPS, ECT. (7101A)
- A. HANDICAP PARKING SPACES
1. PROVIDE HANDICAP SPACES BASED UPON TOTAL NUMBER OF PARKING SPACES PROVIDED. (7102b)
 2. SPACES SHALL BE SO LOCATED THAT HANDICAPPED PERSONS ARE NOT COMPELLED TO WHEEL OR WALK BEHIND PARKED CARS OTHER THAN THEIR OWN.
 3. SINGLE PARKING SPACE SHALL BE 9 FEET WIDE X 20 FEET WITH AN ADJACENT 5 FOOT WIDE LOADING AREA ON THE PASSENGER SIDE OF THE VEHICLE. (7102c, FIG. 71-1b)
 5. MAXIMUM SLOPE OF PARKING SURFACE IN ANY DIRECTION SHALL NOT EXCEED 1/4" PER FOOT. (7102d)
 6. PARKING SPACE(S) SHALL BE IDENTIFIED BY SIGN WITH THE INTERNATIONAL SYMBOL OF ACCESSIBILITY MOUNTED ON A POST OR WALL IN FRONT OF SPACE. SIGN SHALL BE REFLECTORIZED, WHITE ON DARK BLUE BACKGROUND, AT LEAST 70 50 IN. IN AREA, AND MOUNTED 80" ABOVE GRADE FOR POST WHEN IN A PATH OF TRAVEL OR 36" ABOVE GRADE FOR WALL MOUNTING. (7102f)
 7. IN ADDITION, SURFACE OF PARKING SPACE(S) SHALL BE IDENTIFIED BY EITHER THE FOLLOWING SCHEMES: (7102f)
 - a. OUTLINING OR PAINTING SPACE IN BLUE WITH CONTRASTING COLOR PROFILE VIEW OF WHEEL CHAIR WITH OCCUPANT, OR
 - b. INTERNATIONAL SYMBOL OF ACCESSIBILITY IN WHITE ON BLUE BACKGROUND, 36" X 36". VISIBLE WHEN VEHICLE IS PARKED.
 8. EACH ENTRANCE TO OFF-STREET PARKING FACILITY OR EACH HANDICAPPED PARKING SPACE(S) SHALL ALSO HAVE A SIGN, 17" X 22", STATING THAT UNAUTHORIZED VEHICLES(S) PARKING HANDICAPPED SPACE(S) MAY BE SUBJECT TO TOW-AWAY. (7012f)
 9. ENTRANCE TO AND VERTICAL CLEARANCE WITHIN ACCESSIBLE LEVEL OF PARKING STRUCTURE SHALL BE 8 FT. 2 IN. TO ANY STRUCTURAL MEMBER, DUCT, OR PIPE. (7012g)
- B. CURB RAMPS
1. CURB RAMPS SHALL BE LOCATED WHEREVER PEDESTRIAN PATH CROSSES A CURB.
 2. CURB RAMP SHALL BE 48" MIN. WIDTH (7103b) WITH MAX. SLOPE OF 1 IN 12.
 3. A LEVEL 48" MIN. DEPTH LANDING IS REQUIRED AT TOP OF CURB RAMP OVER ENTIRE CURB RAMP WIDTH. (7103d)
 4. IF NO LANDING IS PROVIDED, THE SLOPE OF FLARED SIDES SHALL NOT EXCEED 1 IN 12. (7103d)
 5. SURFACE IS TO BE SLIP RESISTANT. (7103f)
 6. BORDER MARKING SHALL BE 12" WIDE OF 1/4" GROOVES, 3/4" APART, LOCATED AT TOPS AND SIDES. (7103h)
- C. WALKS
1. WALKS SLOPING GREATER THAN 1 IN 20 (5%) MUST COMPLY WITH RAMP REQUIREMENTS OF SECTION 3307. (3325c)
 2. WALK WIDTH SHALL BE 48" MINIMUM. (3325e)
 3. WALKS WITH SLOPES OF GREATER SHALL BE SLIP RESISTANT (BROOM FINISH).
 4. THE MAXIMUM CROSS-SLOPE SHALL NOT EXCEED 1/4" PER FOOT. (3325e-3)
 5. GRADINGS ARE NOT ALLOWED WHENEVER POSSIBLE. (3325b)
 6. AT EACH GATE OR DOOR A 60" X 60" LEVEL AREA IS REQUIRED WHEN THE GATE SWINGS TOWARD THE WALK. (2-3325e)
 7. A 24" CLEAR SPACE IS REQUIRED ON A SWING SIDE AT STRIKE EDGE OF GATE OR DOOR. (3325e, FIG. 33-2)
 8. A 48" X 44" DEEP LEVEL AREA IS REQUIRED WHEN THE GATE SWINGS AWAY FROM THE WALK. (3325e)
- D. PEDESTRIAN RAMPS
1. A PATH OF TRAVEL WITH A SLOPE GREATER THAN 1 IN 20 SHALL BE CONSIDERED A RAMP (3307a)
 2. THE MAXIMUM SLOPE SHALL BE 1 IN 12 (3307c)
 3. THE WIDTH SHALL BE 48" MINIMUM. (3307c)
 4. LANDINGS ARE REQUIRED AT TOP AND BOTTOM OF RAMPS. (3307d.1-1)
 - a. BOTTOM LANDING SHALL BE MIN. OF 72" IN THE DIRECTION OF TRAVEL. (Fig. 33-11A and 3307d-6)
 - b. TOP LANDING SHALL BE 60" X 60" MINIMUM. (3307d.1-2)
 - c. WHEN DOOR SWINGS ONTO THE TOP LANDING, MINIMUM DEPTH OF LANDING REQUIRED IS DOOR WIDTH PLUS 42". (3301d.1-3 AND FIG. 33-11A)
 - d. WHEN DOOR SWINGS ONTO THE TOP LANDING, THE WIDTH OF LANDING SHALL EXTEND 24" PAST THE STRIKE EDGE OF THE DOOR FOR EXTERIOR RAMPS, OR 18" PAST STRIKE EDGE FOR INTERIOR RAMPS. (3307d.1-4)
 5. A 60" INTERMEDIATE LANDING IS REQUIRED AT INTERVALS OF 30 INCH VERTICAL CHANGE AND 72" LANDING AT EACH CHANGE OF DIRECTION (OVER 30 DEGREE). (3307d.1-1,6)
 6. RAMP HAND RAILS ARE REQUIRED ON EACH SIDE OF RAMP WHEN SLOPE EXCEEDS 1 IN 15. (3307c)
 7. RAMP HAND RAILS SHALL BE CONTINUOUS, LOCATED 30"-34" IN HEIGHT ABOVE RAMP SURFACE, WITH 12" EXTENSIONS BEYOND TOP AND BOTTOM, AND THE ENDS RETURNED. (3307c.1)
 8. HANDRAIL SHALL BE 1-1/4" TO 2" CROSS SECTION, SPACED MINIMUM OF 1-1/2" CLEAR FROM ADJACENT WALL. (3307c.1)
 9. WHEN THE RAMP EXCEEDS 10 FEET IN LENGTH AND WHERE NOT OTHERWISE BONDED BY WALLS, A 2" HIGH CURB OR WHEEL GUIDERAIL CENTERED 3" PLUS/MINUS 1" ABOVE RAMP SURFACE IS REQUIRED ON BOTH SIDES. (3307h.1)

Abdul Salehi, Architect
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14711 DARTMOUTH CIRCLE, TUSTIN, CA 92780

ARCHITECT

SEAL

CONSULTANT

OWNER

LOCATION

DATE

REVISIONS

SHEET

SQ. FT. CALCS

RETAIL: 51,140 SF

OFFICES: 2,069 SF

STORAGE/REMAINING: 4,212 SF

INSTALL: 999 SF

TOTAL: 58,420 SF

CONCEPT: 45K C5

CONCEPT DATE: XX.XX.XX

G.O. - 21 FUTURE REL: XX.XX.XX

G.O. - 13 FINAL REL: XX.XX.XX

PROTOTYPE DATE: XX.XX.XX

STORE NUMBER: 0110

BEST BUY

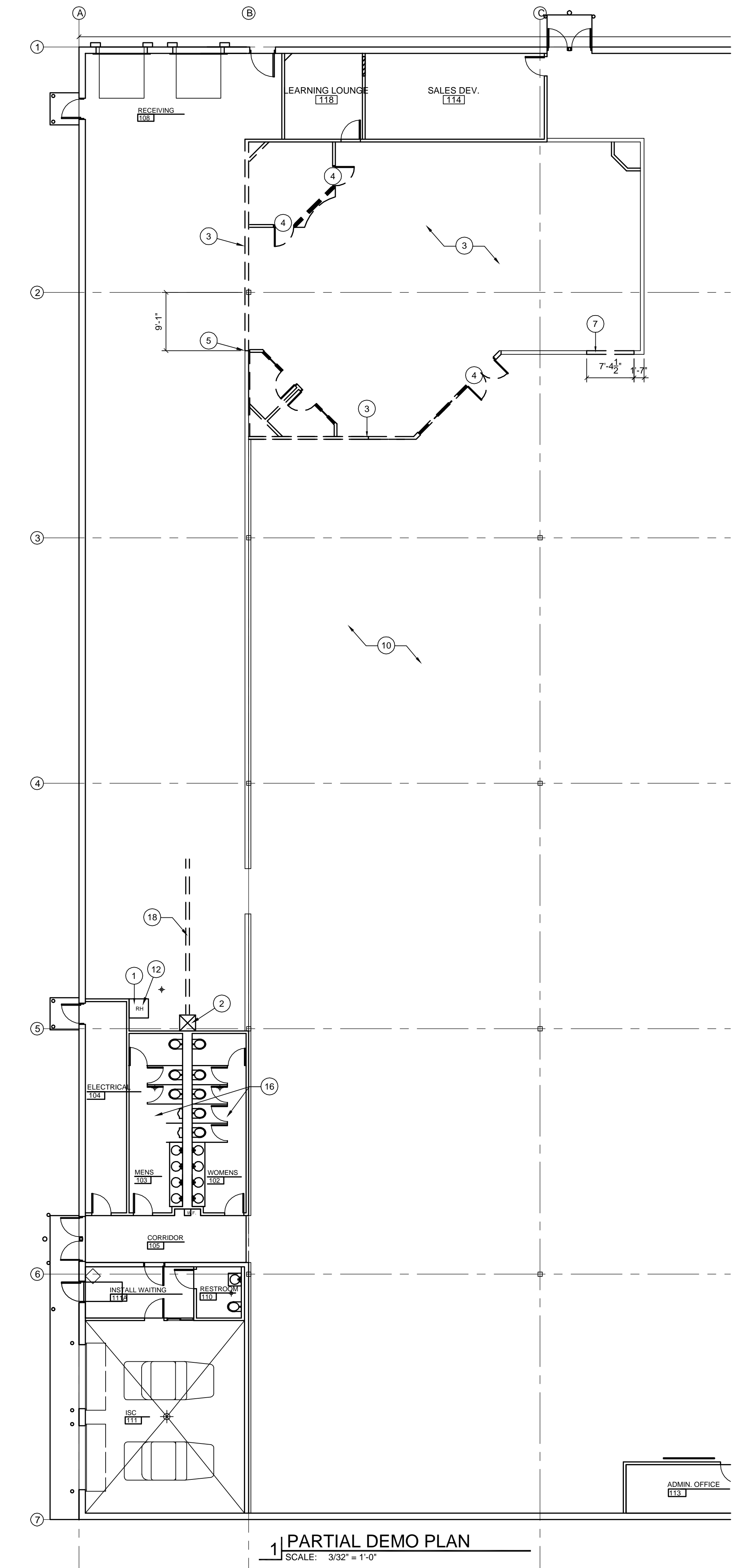
3900 TYLER STREET,
RIVERSIDE, CA

BID/PERMIT SET
12/12/14

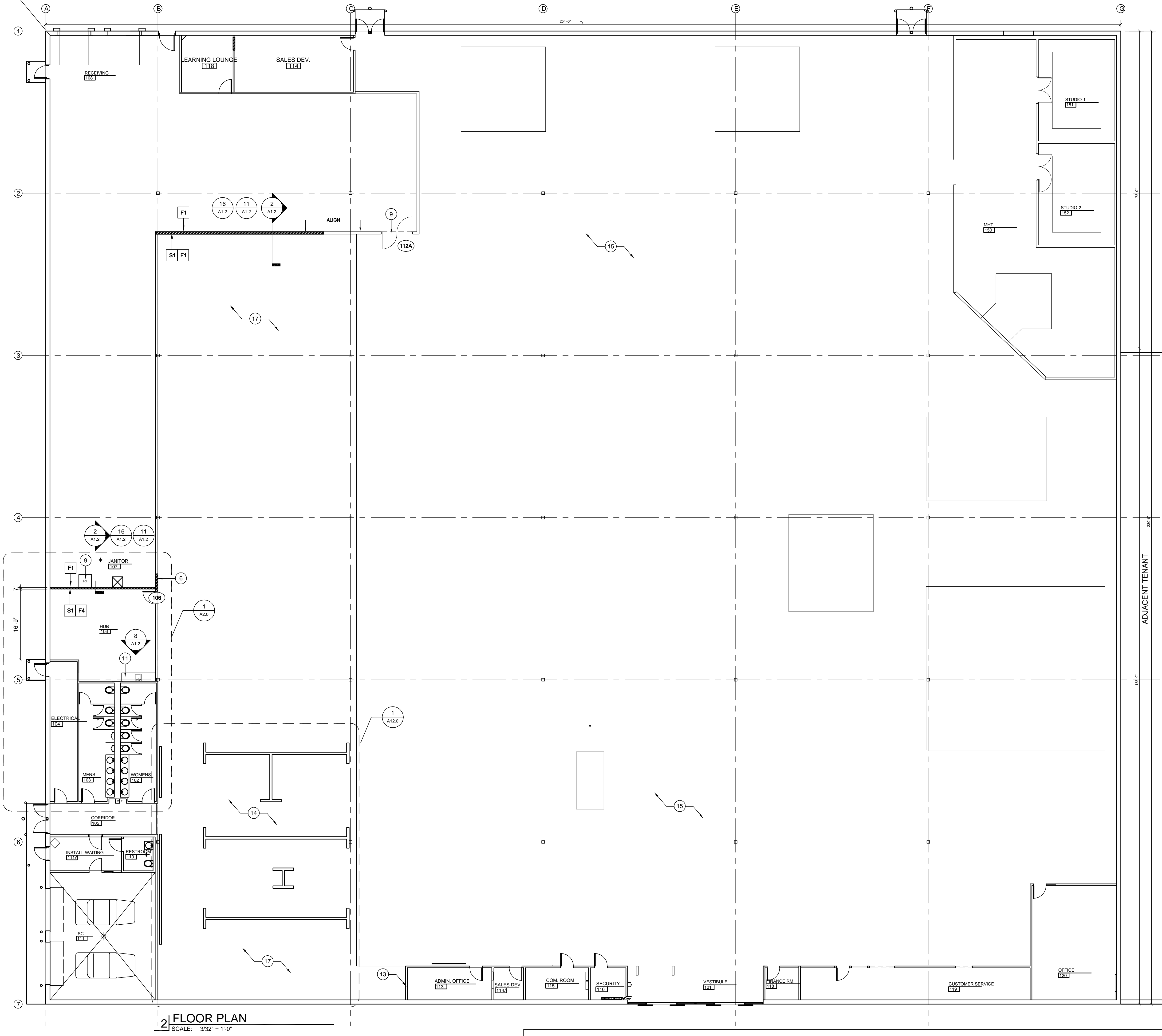
REV DATE

AS-1

SITE PLAN



1 PARTIAL DEMO PLAN
SCALE: 3/32" = 1'-0"



2 FLOOR PLAN
SCALE: 3/32" = 1'-0"

GENERAL NOTES

- SPRINKLER RISER TO BE IN RECEIVING.
- ALL ROOM DIMENSIONS ARE INSIDE WALL CLEAR DIMENSIONS.
- ALL SALES FLOOR FIXTURES WILL BE SUPPLIED BY BEST BUY AND INSTALLED BY GC.
- REFER TO ELECTRICAL DRAWINGS TO DETERMINE LOCATION OF UNDER FLOOR CONDUIT FOR ELECTRICAL AND LOW VOLTAGE.
- INSTALL CORNER GUARDS ON ALL UNPROTECTED OUTSIDE CORNERS, RE. 3/A11.2.
- PROVIDE DEEP LEG TOP TRACK NOT FASTENED TO STUDS TO ALLOW FOR VERTICAL EXPANSION OF WALLS & ROOF STRUCTURE. ADDITIONALLY, PROVIDE VERTICAL EXPANSION JOINTS AS REQUIRED TO PREVENT CRACKS IN WALLS.
- PROVIDE HORIZONTAL BRACING AT TOP OF WALLS AS NEEDED AT LOW PARTITION WALLS THAT ARE FREE STANDING.
- PROVIDE ADEQUATE 2X WOOD BLOCKING FOR FIXTURES, PLUMBING ACCESSORIES, ELECTRIC WATER COOLER, MILLWORK, ELECTRIC PANELS, ROOF ACCESS LADDER, ETC.
- ROOF LADDER TO HAVE OSHA APPROVED LADDER EXTENSION BEYOND ROOF LINE. NO ROOF HATCH SHALL BE WITHIN 10'-0" OF OUTSIDE WALL.
- ALL WOOD BLOCKING, PLYWOOD SHEATHING, ETC. UTILIZED SHALL BE FIRE RETARDANT TREATED, TYP.
- GENERAL CONTRACTOR IS RESPONSIBLE FOR SECURITY VENDOR COORDINATION OF INSTALLATION OF SECURITY ITEMS, PER SHEET E-4.

WALL TYPES LEGEND

SEE REFLECTED CEILING PLAN FOR CEILING HEIGHTS
SEE SPECIFICATIONS FOR STUD SPACING

E1	TYPICAL EXTERIOR WALL CONSTRUCTION: 12" EXPOSED CONCRETE BLOCK WALL CORE FILLED WITH INSULATION.
S1	6" STEEL STUDS AT 16" O.C. EXTEND TO UNDERSIDE OF ROOF DECK. (PROVIDE FOR DEFLECTION CONDITIONS)
F1	5/8" TYPE 'X' GYP. BD. TO UNDERSIDE OF ROOF DECK.
F2	5/8" TYPE 'X' GYP. BD. TO 6" ABOVE CEILING HEIGHT AT LAY-IN CEILING OR TO UNDERSIDE OF CEILING JOISTS AT GYP. BD. CEILINGS.
F4	5/8" GYP. BD. OVER 1/2" CDX PLYWOOD (FIRE TREATED AS REQUIRED BY CODE) TO 6" ABOVE CEILING HEIGHT.
F7	(2) 3/4" CDX PLYWOOD (FIRE TREATED AS REQUIRED BY CODE) TO 8'-0" A.F.F.
F8	3/4" CDX PLYWOOD (FIRE TREATED AS REQUIRED BY CODE) TO UNDERSIDE OF ROOF DECK. (PROVIDE FOR DEFLECTION)
F9	SOUND INSULATION FROM FINISHED FLOOR TO CEILING.
PL1	IMPACT RESISTANT WALL PANEL WITH 'J' MOLDING, TO 50" A.F.F., UNLESS NOTED OR SHOWN IN ELEVATIONS. SEE A3.0 AND 2/A11.2
PL4	IMPACT RESISTANT WALL PANEL WITH 'J' MOLDING TO UNDERSIDE OF CEILING. SEE A3.0 AND 2/A11.2

PLAN KEYED NOTES

- REMOVE EXISTING ROOF LADDER AND ROOF ACCESS HATCH. SAVE LADDER FOR INSTALLATION AT AT NEW LOCATION
- REMOVE EXISTING MOP SINK, SEE PLUMBING DWGS, FILL PLUMBING HOLES, PATCH CONC. FLOOR TO MATCH EXISTING
- DEMO EXISTING WALL, CEILING, DISPLAY CABINETS, ETC
- DEMO EXISTING DOOR AND FRAME
- DEMO PART OF EXISTING WALL
- REMOVE EXISTING IMPACT DOOR AND FRAME. SAVE FOR INSTALLATION AT NEW LOCATION. FILL WALL OPENING Q-WITH NEW METAL STUDS AND GYPSUM BOARD TO MATCH EXISTING WALL
- CUT EXISTING WALL TO MAKE NEW (7x8) OPENING FOR IMPACT DOOR. INSTALLATION
- NEW ROOF HATCH. SEE DETAIL 1/A-1.2 & 2/A1.2, CUT ROOF DECK TO MAKE OPENING FOR ROOF HATCH. PATCH ROOFING AND SEAL ALL ROOF PENETRATION TO MATCH EXISTING.
- INSTALL IMPACT DOOR AT THIS LOCATION

- INSTALL IMPACT DOOR AT THIS LOCATION
- REMOVE EXISTING FLOORING, REMOVE ALL GLUE, PATCH AND CLEAN FOR NEW FLOORING.
- NEW CABINET. SEE DETAIL 4/A-1.2. CUT EXISTING SLAB FOR NEW SINK PLUMBING LINES, PATCH CONC. SLAB PER DETAIL 8/A-1.2
- GC SHALL CLOSE ROOF OPENING AT REMOVED ROOF HATCH WITH METAL DECK, R-30 RIGID INSULATION AND NEW ROOFING TO MATCH EXISTING. SEAL ALL ROOF PENETRATIONS.
- REMOVE (E) WALL LAMINATE FROM WALLS, PATCH WALL AND PAINT
- RELOCATE ALL EXISTING FIRE STROBES, RTU SENSORS, FIRE EXTINGUISHERS ON COLUMNS AND WALLS THAT IMPACT PAC-SALES CABINETRY
- DEMO EXISTING FLOORING AND TRANSITION STRIPS AT ALL AREAS THAT RECEIVE NEW FLOORING. SEE A-3
- DEMO EXISTING TOILET PARTITIONS AND REPLACE WITH NEW, SEE SHEET A-2.0
- G.C. SHALL REMOVE EXISTING RECEPTACLES IN NEW LVT TILE AREA, INFILL EXISTING FLOOR RECEPTACLES AND ANY HOLES IN CONC. FLOOR PRIOR TO NEW LVT FLOORING.
- CUT EXISTING SLAB FOR NEW PLUMBING LINES. POUR NEW CONCRETE AND PATCH SLAB PER DETAIL 14/A-1.2. SEE PLUMB. DWGS. FOR EXTENT

DOOR SCHEDULE

NO.	ROOM	TYPE	DOOR SIZE	DOOR MATERIAL	DOOR FINISH	FRAME MATERIAL	FRAME FINISH	HARDWARE GROUP	REMARKS
106	HUB	B	3'-0" X 7'-0"	S.C. WOOD	PAINT [C-9] SEMI-GLOSS	H.M.	PAINT [C-5] SEMI-GLOSS	4A	PROVIDE SIGN "EMPLOYEES ONLY"
107	ROOF HATCH	-	2'-6" X 3'-0"	BY MANUF.	PAINT [C-9] SEMI-GLOSS	BY MANUF.	PAINT [C-5] SEMI-GLOSS	11	
112A	IMPACT DOORS	H	7'-0" X 8'-0"	BY MANUF.	BY MANUF.	H.M.	BY MANUF.	-	BULKHEAD AT 9'-0" A.F.F.

NOTES:
1. ALL H.M. DOORS, FRAMES, AND STRUCTURAL COLUMNS BELOW JOIST TO COME WITH A FACTORY FINISH OF OIL BASE PRIMER (GRAY).
2. WHERE DOORS OCCUR IN PAC SALES DEPARTMENT, DOOR & FRAME TO BE PAINTED [C-7] SEMI-GLOSS, TYP.

HARDWARE SCHEDULE

SEE CS1.0 FOR CONTACT INFORMATION

HARDWARE GROUP #4A				HARDWARE GROUP #11			
HINGES	1	1/2	PR	PADLOCK	1	EA	
LOCKSET - NDBQJD	1	EA					
CONST. CORE	1	EA					
LCN THRIFTY CLOSER	1	EA					
WALL DOOR STOP	1	EA					
PASSAGE SET D10	1	EA					
SILENCERS (INCLUDED IN FRAME)	3	EA					
KICKPLATE 10" x 34" BOTH SIDES	2	EA					

HARDWARE NOTES:
1. ALL LOCKSETS TO BE SCHLAGE RHODES LEVER.
2. HARDWARE FINISH TO BE 260, UNLESS NOTED
3. WALL-MOUNTED OR FLOOR-MOUNTED DOOR STOP TO BE SELECTED PER SITE
SPECIFIC LAYOUT. AS REQ'D TO BEST PROTECT WALL.
4. ALL EXIT DOORS (HARDWARE GROUP 1.2) SHARE INSTALLATION RESPONSIBILITIES.
GENERAL CONTRACTOR IS RESPONSIBLE TO MOUNT DEVICE ON THE DOOR AND DRILL ALL RELATED HOLES FOR LOW VOLTAGE WIRING TO TAKE PLACE FOR LOADING DOCK DOOR REQUIREMENTS SEE SHEET E-8 FOR WIRING AND MOUNTING LOCATIONS PER DOOR TYPE.
ELECTRICAL CONTRACTOR IS RESPONSIBLE TO MOUNT WIRE AND MOUNT TRANSFORMER AT CONVENIENT LOCATION. 10' ABOVE EACH FIRE EXIT. SPECIAL DOCK DOOR TRANSFORMER REQUIREMENTS ARE: 120V/1AMP. ELECTRICAL CONTRACTOR IS TO PULL BUILDING FIRE DETECTION WIRES TO EACH EXIT DOOR IN ACCORDANCE WITH LOCAL CODE. ELECTRICAL CONTRACTOR WILL ALSO PROVIDE CONDUIT PROTECTED LOW VOLTAGE WIRING FROM THE TRANSFORMER TO THE DEVICE. ELECTRICAL CONTRACTOR WALL MAKE ALL LOW VOLTAGE CONNECTIONS. INSTRUCTIONS PROVIDED WITH PANICS. SEE GC.

Abdul Salehi, Architect
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14711 DARTMOUTH CR., TUSTIN, CA 92780

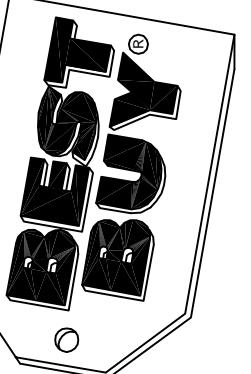
ARCHITECT

SEAL

CONSULTANT

SQ. FT. CALCS
RETAIL: 51,140 SF
OFFICES: 2,069 SF
STORAGE/REMAINING: 4,212 SF
INSTALL: 999 SF
TOTAL: 58,420 SF

CONCEPT: 45K C5
CONCEPT DATE: XX.XX.XX
G.O. - 21 FIXTURE REL. XX.XX.XX
G.O. - 13 FINAL REL. XX.XX.XX
PROTOTYPE DATE: XX.XX.XX
STORE NUMBER: 0110



3900 TYLER STREET,
RIVERSIDE, CA

OWNER

BID/PERMIT SET
12/12/14

LOCATION

REV DATE

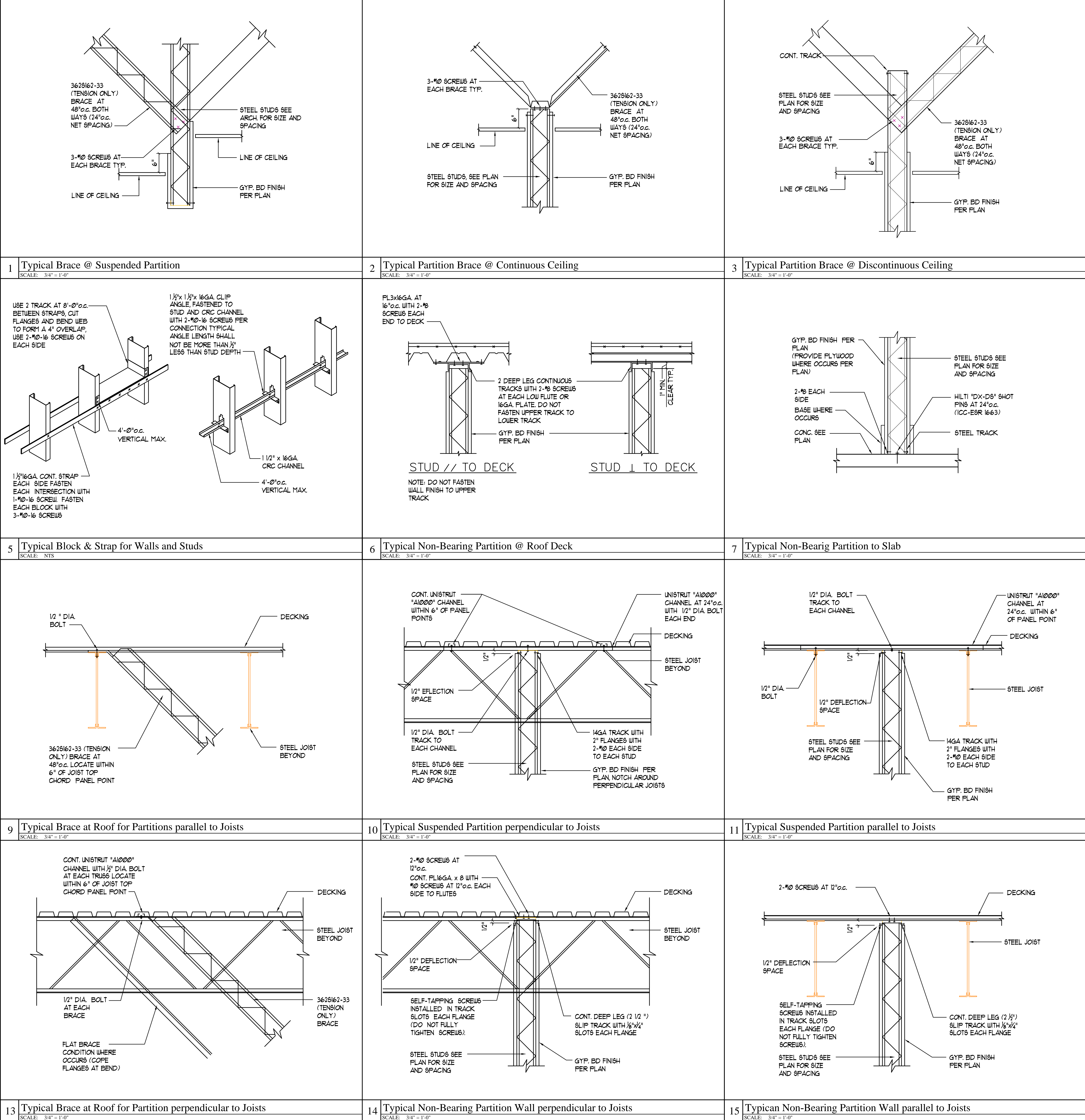
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REVISIONS

FLOOR PLAN

A1.0

SHEET



PARTITION / WALL NOTES

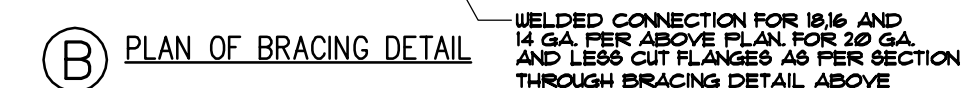
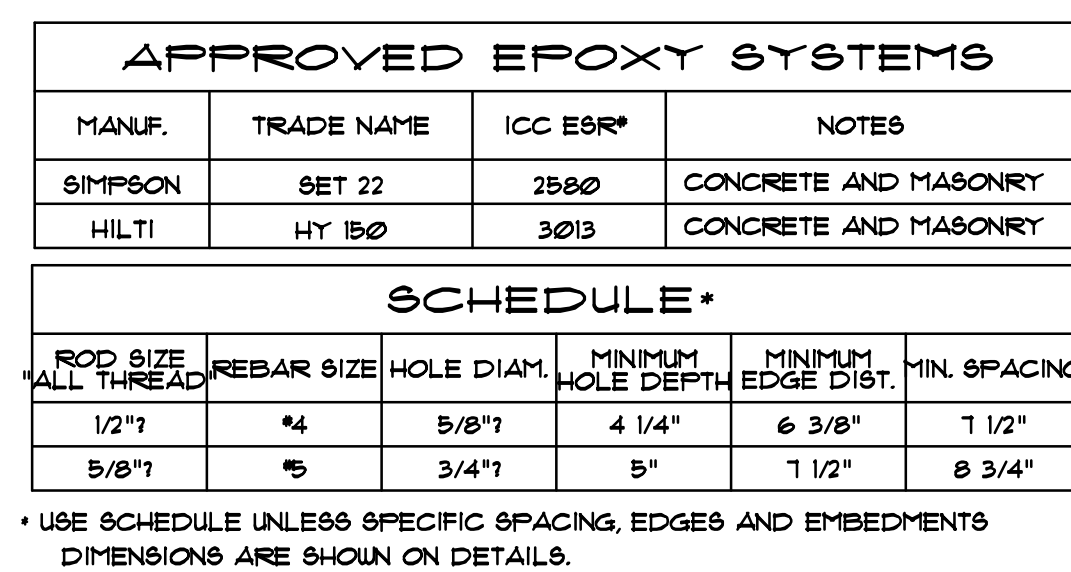
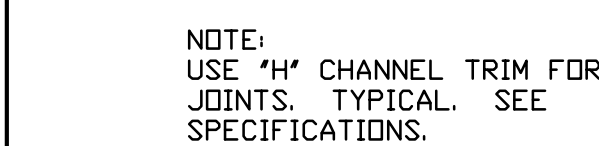
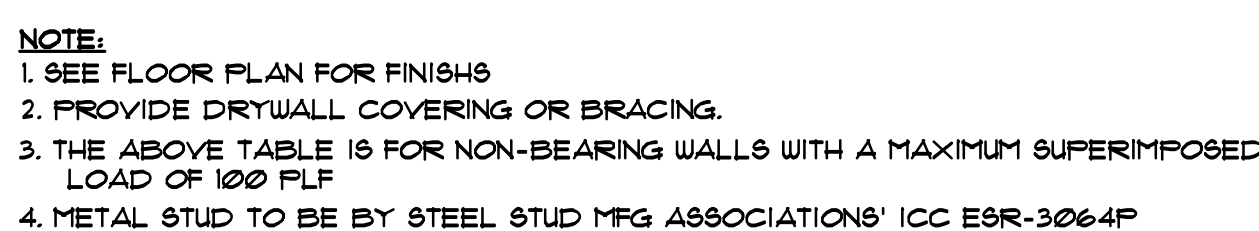
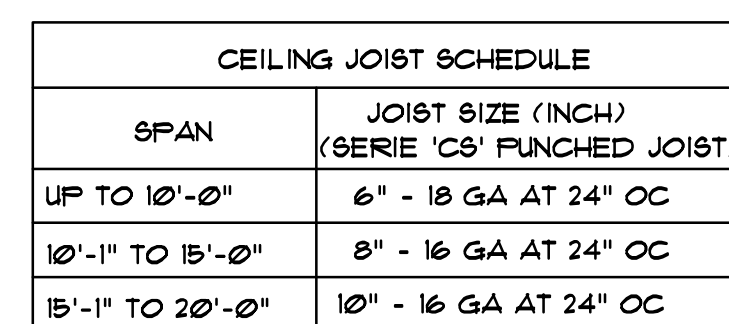
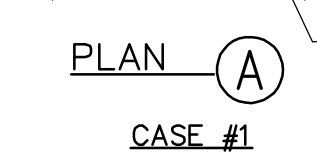
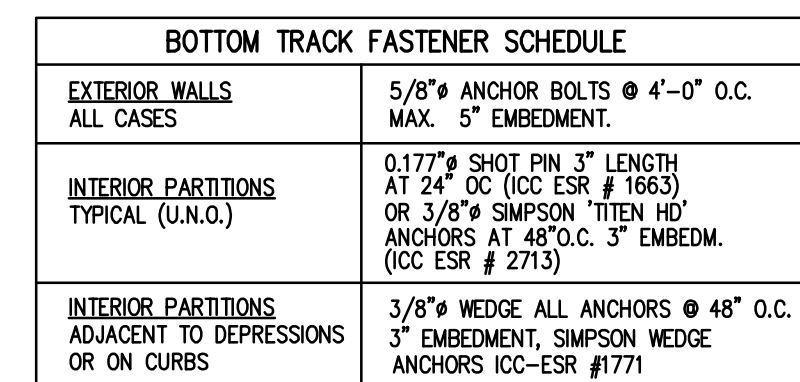
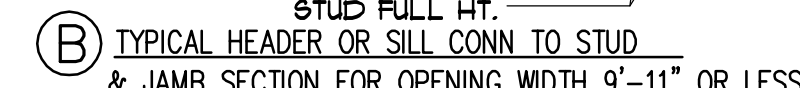
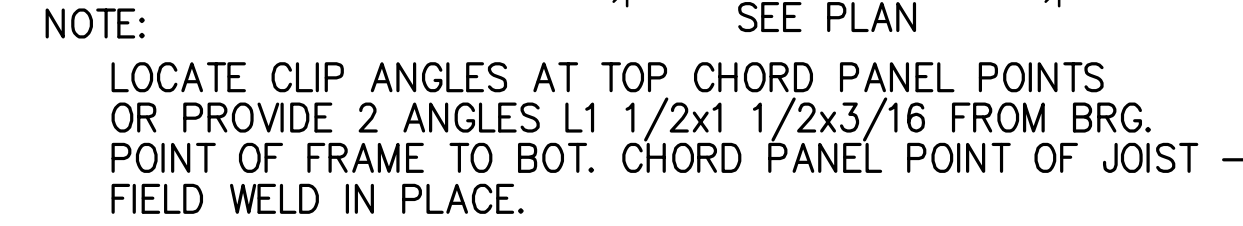
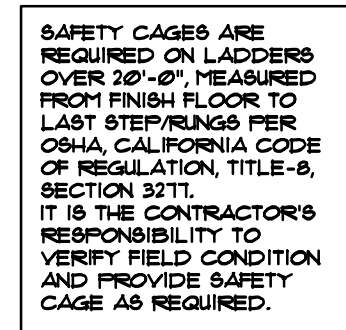
- GENERAL NOTES
- A. PARTITIONS ARE DIMENSIONED IN PLAN FROM FINISH FACE TO FINISH FACE. EXCLUSIVE OF CERAMIC TILE
- B. ALL WALL/PARTITION TYPES SHOWN MAY NOT BE USED
- C. CRITERIA FOR PARTITION HEIGHTS (OCCUPIED SPACES ONLY):
- PARTITIONS WITHOUT SUSPENDED CEILINGS ON BOTH SIDES OF PARTITION EXTEND TO STRUCTURE
- PARTITIONS WITH SUSPENDED CEILINGS ON BOTH SIDES OF PARTITIONS TERMINATE 6" ABOVE SUSPENDED CEILINGS UNO
- PARTITIONS WITH SUSPENDED CEILINGS ON ONE SIDE AND NO CEILING ON THE OTHER SIDE OF PARTITION EXTEND TO STRUCTURE WITH GYP BD FULL HEIGHT ON ONE SIDE UNO
- D. ALL METAL STUDS ARE 25 GAGE UNLESS NOTED OTHERWISE OR REQ'D
- E. PARTITION SYMBOL MAY BE USED IN CONJUNCTION WITH NOTES TO MODIFY CONSTRUCTION FOR UNIQUE CONDITIONS.
- F. STEEL STUD GAUGES ARE DETERMINED BY HEIGHT AND SPACING SEE SPECIFICATION SECTION 9250 AND LIMITING HEIGHTS TABLE BELOW
- G. STUDS ARE SPACED 1'-4" O.C. (U.O.N.).
- H. SEE FLOOR PLAN, ROOM FINISH SCHEDULE AND SPECIFICATIONS FOR TYPE OF FINISHES
- I. WHERE CEILING AND FLOOR ATTACHMENT DETAILS ARE NOT SHOWN OR ADDITIONAL INFORMATION IS REQUIRED REFER TO PARTITION DETAILS SEE DETAILS ON THIS SHEET
- J. FOR INTERIOR WALL AND PARTITION BASE INFORMATION REFER TO THE INTERIOR ELEVATIONS AND ROOM FINISH SCHEDULE
- K. STUDS TO ATTACH TO BOTTOM OF STRUCTURE EVERY 4'-0" OC - TYPICAL FOR ALL FULL HEIGHT PARTITIONS
- L. FOR BRACING @ NON-FULL HEIGHT PARTITIONS SEE DETAILS ON THIS SHEET
- M. BOTTOM TRACK ATTACHED TO FLOOR W/ HILTI "X-DNI" POWDER DRIVEN FASTENERS AT 32" OC TYP UNO (SEE SPEC 9250 3.02 G)
- N. CONSTRUCT WALLS AND CHASES CONTAINING PLUMBING W/ MOISTURE RESISTANT GYPSUM BOARD TO 4'-0" ABOVE FLOOR (SEE SPEC. 9250 3.08 D)
- O. PROVIDE FULL HEIGHT MOISTURE RESISTANT GYPSUM BOARD IN TOILETS, JANITORS, CLOSETS, WALLS TO RECEIVE CERAMIC TILE AND OTHER LOCATIONS SUBJECT TO MOISTURE DAMAGE (SEE SPEC 9250 3.08 D)
- P. STEEL STUDS ARE COVERED BY THE FOLLOWING ICBO REPORTS:
- STEEL STUD MFG ASSOCIATION ICC-ESR 3064P
- Q. ALL STEEL STUD GAUGE AND SIZE FOR CEILING FRAMING DETERMINED BY SPAN, SEE ALLOWABLE CEILING SPAN TABLE BELOW
- R. 18 GA DEFLECTION TRACK (DT) WITH 2" FLANGE FOR STUD SIZE SEE PARTITION TYPE

TABLES BELOW ARE PER STEEL STUD MANUFACTURERES ASSOCIATIONS

INTERIOR NON-STRUCTURAL PARTITION-L/240					
Stud Width	Stud Type	Stud Gauge	Stud Spacing	Maximum Height	
3-5/8"	362S125-18	25	16"	14'-4"	
	362S125-18	25	24"	13'-5"	
	362S125-33	20	16"	16'-5"	
	362S125-33	20	24"	14'-9"	
	362S125-43	18	16"	18'-0"	
4"	362S125-43	18	24"	16'-3"	
	400S125-18	25	16"	15'-4"	
	400S125-18	25	24"	14'-2"	
	400S125-33	20	16"	18'-4"	
	400S125-33	20	24"	16'-5"	
6"	400S125-43	18	16"	19'-5"	
	400S125-43	18	24"	17'-2"	
	600S125-18	25	16"	19'-9"	
	600S125-18	25	24"	16'-9"	
	600S125-33	20	16"	24'-6"	
	600S125-33	20	24"	21'-7"	
	600S125-43	18	16"	28'-3"	
	600S125-43	18	24"	25'-7"	
	600S125-54	16	16"	30'-0"	
	600S125-54	16	24"	27'-0"	
	600S125-68	14	16"	32'-0"	
	600S125-68	14	24"	28'-9"	

ALLOWABLE CEILING SPAN - DEFLECTION L/240

Stud Width	Stud Type	Stud Gauge	Stud Spacing	Maximum Span	
3-5/8"	362S125-18	25	16"	8'-9"	
	362S125-18	25	24"	7'-9"	
	362S125-33	20	16"	10'-7"	
	362S125-33	20	24"	9'-5"	
	362S125-43	18	16"	11'-8"	
4"	362S125-43	18	24"	10'-5"	
	400S162-33	20	16"	13'-11"	
	400S162-33	20	24"	12'-6"	
	400S162-43	18	16"	15'-3"	
	400S162-43	18	24"	13'-8"	
6"	600S125-33	20	16"	12'-2"	
	600S125-33	20	24"	10'-11"	
	600S125-43	18	16"	13'-3"	
	600S125-43	18	24"	11'-10"	
	600S162-33	20	12"	16'-10"	
	600S162-33	20	16"	15'-7"	
	600S162-33	20	24"	14'-0"	
	600S162-43	18	12"	18'-4"	
	600S162-43	18	16"	16'-11"	
	600S162-43	18	24"	15'-2"	



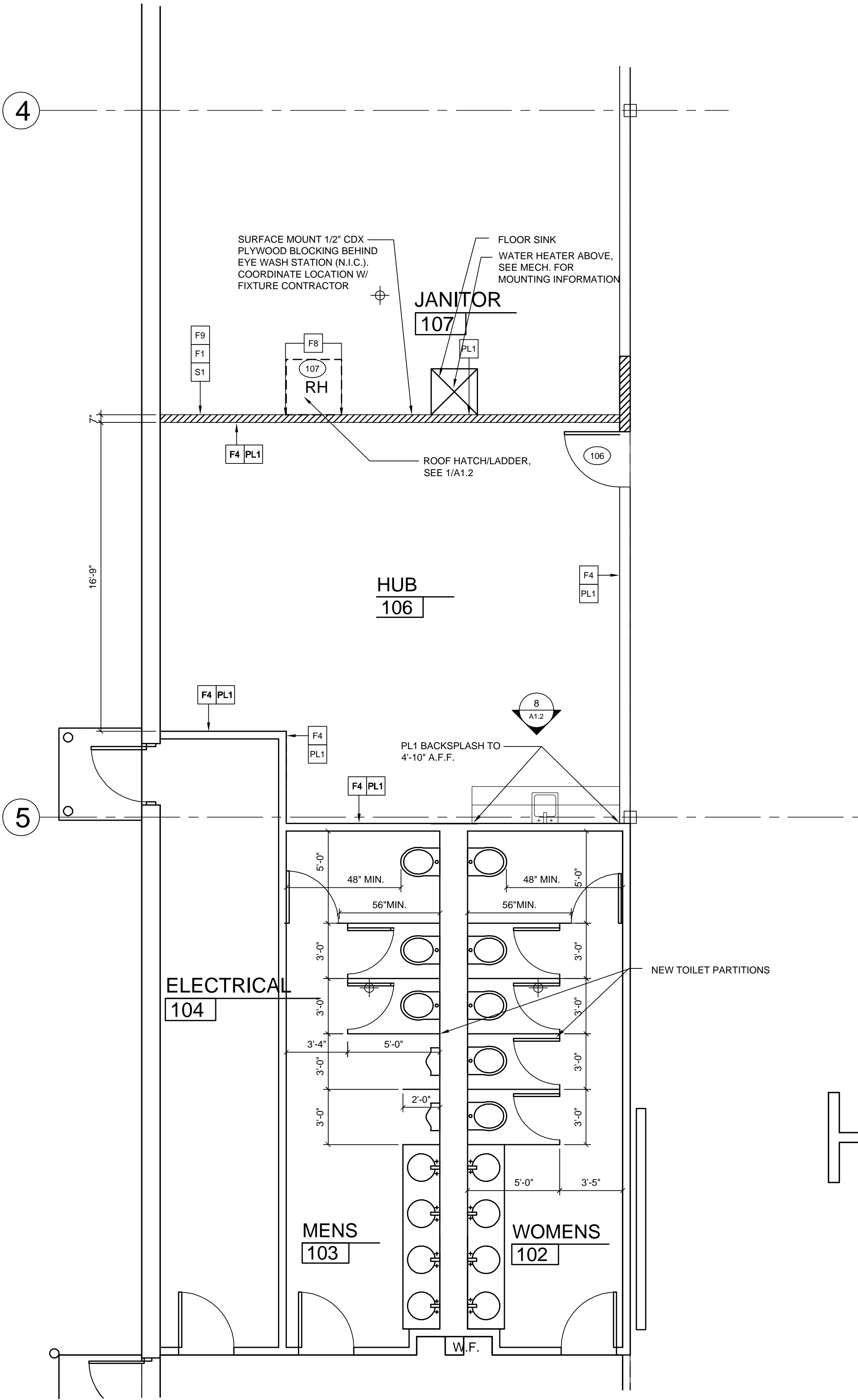
GENERAL NOTES

1. SPRINKLER RISER TO BE IN RECEIVING.
2. ALL ROOM DIMENSIONS ARE INSIDE WALL CLEAR DIMENSIONS.
3. ALL SALES FLOOR FIXTURES WILL BE SUPPLIED BY BEST BUY AND INSTALLED BY GC.
4. REFER TO ELECTRICAL DRAWINGS TO DETERMINE LOCATION OF UNDER FLOOR CONDUIT FOR ELECTRICAL AND LOW VOLTAGE.
5. INSTALL CORNER GUARDS ON ALL UNPROTECTED OUTSIDE CORNERS, RE. 3/A11.2.
6. PROVIDE DEEP LEG TOP TRACK NOT FASTENED TO STUDS TO ALLOW FOR VERTICAL EXPANSION OF WALLS & ROOF STRUCTURE. ADDITIONALLY, PROVIDE VERTICAL EXPANSION JOINTS AS REQUIRED TO PREVENT CRACKS IN WALLS.
7. PROVIDE HORIZONTAL BRACING AT TOP OF WALLS AS NEEDED AT LOW PARTITION WALLS THAT ARE FREE STANDING.
8. PROVIDE ADEQUATE 2X WOOD BLOCKING FOR FIXTURES, PLUMBING ACCESSORIES, ELECTRIC WATER COOLER, MILLWORK, ELECTRIC PANELS, ROOF ACCESS LADDER, ETC.
9. ROOF LADDER TO HAVE OSHA APPROVED LADDER EXTENSION BEYOND ROOF LINE. NO ROOF HATCH SHALL BE WITHIN 10'-0" OF OUTSIDE WALL.
10. ALL WOOD BLOCKING, PLYWOOD SHEATHING, ETC. UTILIZED SHALL BE FIRE RETARDANT TREATED, TYP.
11. GENERAL CONTRACTOR IS RESPONSIBLE FOR SECURITY VENDOR COORDINATION OF INSTALLATION OF SECURITY ITEMS, PER SHEET E-4.

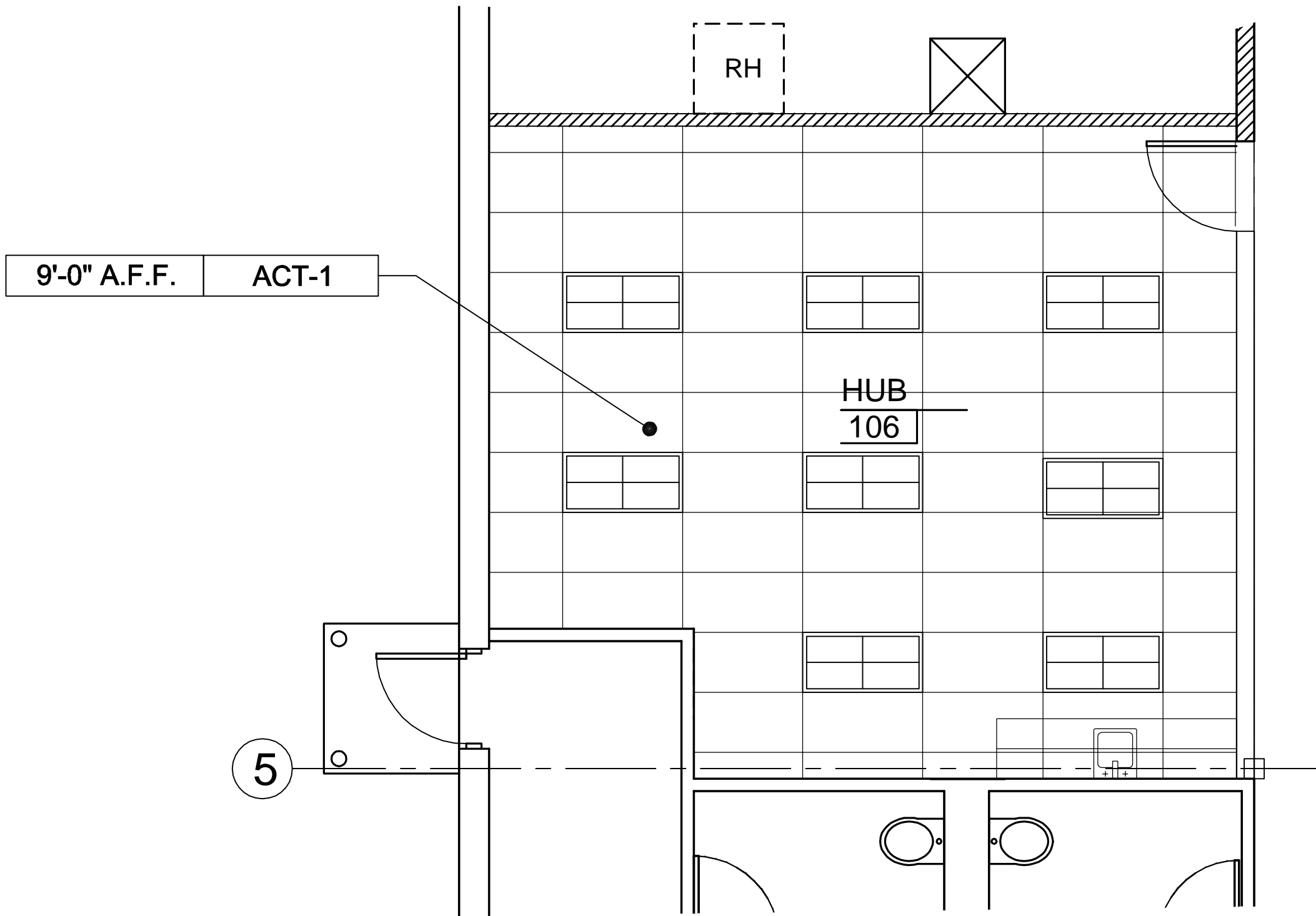
WALL TYPES LEGEND

SEE REFLECTED CEILING PLAN FOR CEILING HEIGHTS
SEE SPECIFICATIONS FOR STUD SPACING

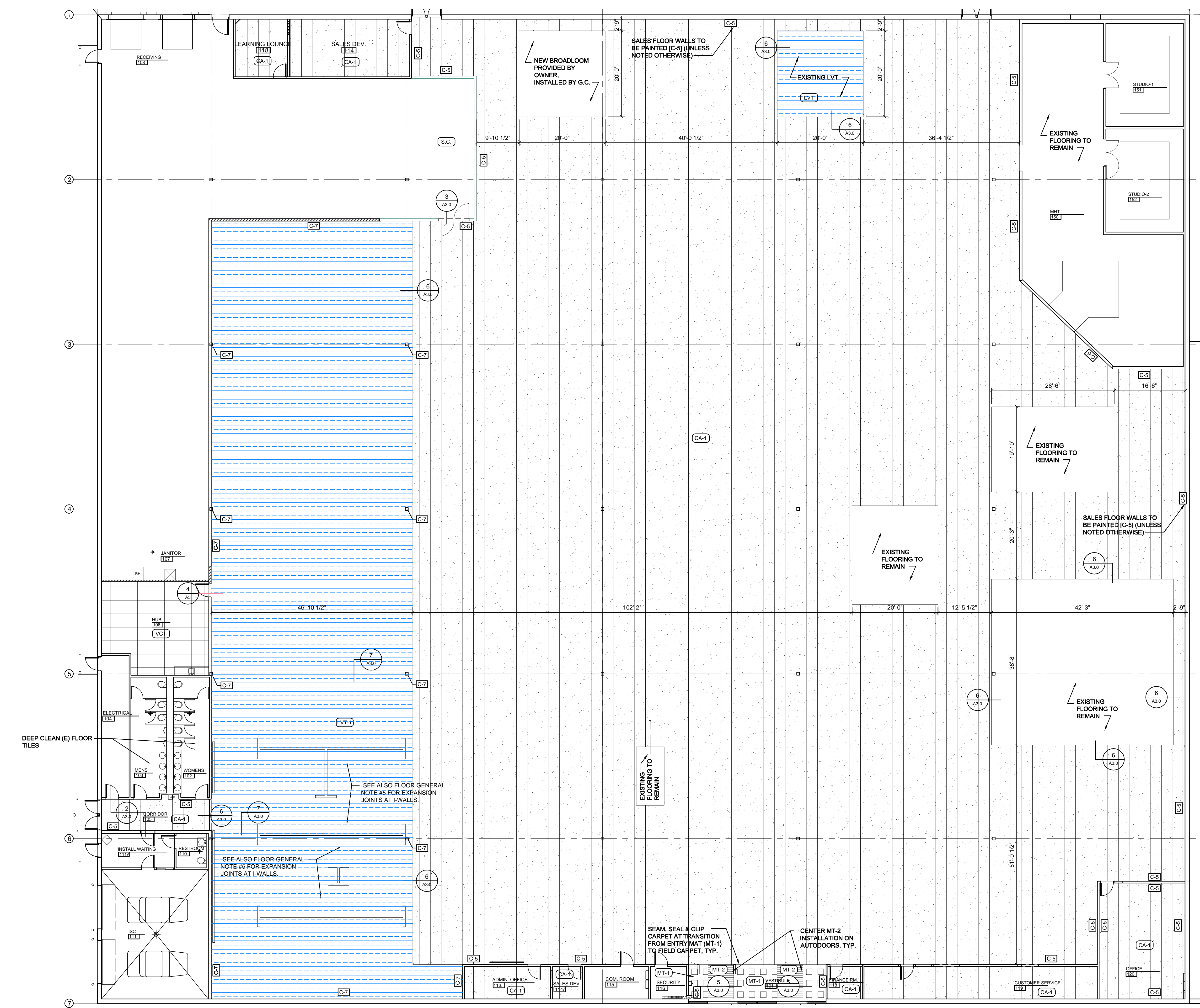
E1	TYPICAL EXTERIOR WALL CONSTRUCTION: 12" EXPOSED CONCRETE BLOCK WALL CORE FILLED WITH INSULATION.
S1	6" STEEL STUDS AT 16" O.C. EXTEND TO UNDERSIDE OF ROOF DECK. (PROVIDE FOR DEFLECTION CONDITIONS)
F1	5/8" TYPE 'X' GYP. BD. TO UNDERSIDE OF ROOF DECK.
F2	5/8" TYPE 'X' GYP. BD. TO 6" ABOVE CEILING HEIGHT AT LAY-IN CEILING OR TO UNDERSIDE OF CEILING JOISTS AT GYP. BD. CEILINGS.
F4	5/8" GYP. BD. OVER 1/2" CDX PLYWOOD (FIRE TREATED AS REQUIRED BY CODE) TO 6" ABOVE CEILING HEIGHT.
F7	(2) 3/4" CDX PLYWOOD (FIRE TREATED AS REQUIRED BY CODE) TO 8'-0" A.F.F.
F8	3/4" CDX PLYWOOD (FIRE TREATED AS REQUIRED BY CODE) TO UNDERSIDE OF ROOF DECK. (PROVIDE FOR DEFLECTION)
F9	SOUND INSULATION FROM FINISHED FLOOR TO CEILING.
PL1	IMPACT RESISTANT WALL PANEL WITH 'J' MOLDING, TO 50" A.F.F., UNLESS NOTED OR SHOWN IN ELEVATIONS. SEE A3.0 AND 2/A11.2
PL4	IMPACT RESISTANT WALL PANEL WITH 'J' MOLDING TO UNDERSIDE OF CEILING. SEE A3.0 AND 2/A11.2



2 | HUB/RESTROOMS ENLARGED FLOOR PLAN
SCALE: 1/4" = 1'-0"



2 | HUB CEILING PLAN
SCALE: 1/4" = 1'-0"



FINISH GENERAL NOTES

- GC TO CONTACT BEST BUY REGARDING VERIFICATION OF MOISTURE CONTENT IN EXISTING SLAB PRIOR TO INSTALLATION OF NEW FLOORING MATERIALS.
- CONTRACTOR TO CAULK ALL CONTROL AND COLD JOINTS LOCATED IN EXPOSED SEALED CONCRETE. JOINTS TO BE CAULKED AFTER DURO-POLISH IS APPLIED. SEE SPEC. FOR MATERIAL AND INSTALLATION REQUIREMENTS.
- ALL FLOORING TO RUN FROM FRONT TO BACK OF STORE, (PERPENDICULAR TO STOREFRONT) & PARALLEL TO GRID LINES, UNLESS OTHERWISE NOTED ON PLAN.
- 4" RUBBER BASE (RB-1) SUPPLIED & INSTALLED BY GENERAL CONTRACTOR. RB-1 TO BE INSTALLED ON ALL WALLS WHERE NO FIXTURES ARE LOCATED, TYP. U.N.O. G.C. TO COORDINATE WITH CONSTRUCTION MANAGER TO ALSO PROVIDE RB-1 ON CASEWORK BASES, WHERE APPLICABLE. **FOR REMODELS ONLY: WHERE 6" RUBBER BASE IS EXISTING, INSTALLER TO PROVIDE 6" RUBBER BASE TO MATCH EXISTING.**
- PROVIDE THE FOLLOWING CLEARANCES FOR EXPANSION OF THE LVT FLOORING:
 - 1/2" GAP ALONG "SPINE" OF I-WALLS
 - 1/4" GAP AT "C" CAPS (END CAPS) OF I-WALLS, INCLUDING EXPOSED FACE, ENDS & RETURN TO SPINE
 - 1/2" GAP BETWEEN LVT FLOORING AND PERIMETER WALLS OR AT TRANSITIONS TO OTHER FLOORING MATERIALS, REFER TO DETAIL 6.
 - 3/8" GAP FROM T- MOLD CHANNEL AT LVT TO LVT EXPANSION JOINT- REFER TO DETAIL 7.
- INSTALL TRACK FOR EXPANSION TRANSITION STRIP AT LVT PRIOR TO INSTALLATION OF FIXTURES. DO NOT INSTALL TRANSITION STRIP UNTIL ALL FIXTURES HAVE BEEN PLACED.
- ALL EXPOSED GAPS IN LVT REQUIRE A STRAIGHT EDGE. FILL WITH RECOMMENDED FLEXIBLE COLOR COORDINATED CAULK. AT LVT-1 USE DAP ALL-PURPOSE 100% SILICONE RUBBER SEALANT, COLOR: ALUMINUM. COORD. W/ BBY CPM FOR CAULK COLORS AT OTHER LVT INSTALLATIONS.
- FOR CABINETS, KIOSKS, AND CABINET FACINGS SECURED USING TAPCONS, CUT A 1/2" GAP AROUND EACH TAPCON BOLT TO ALLOW FOR EXPANSION IN LVT. THE CABINET BEING SECURED WILL GO OVER FLOORING WITHOUT EXPANSION GAPS.
- AT HIGH BAY SHELVING, BOLT SHELVING COLUMNS DIRECTLY THROUGH THE LVT AND SECURE. CUT A 1/2" GAP COMPLETELY AROUND EACH SECURE SHELVING FOOT. REMOVE FLOORING MATERIAL AND FILL WITH RECOMMENDED FLEXIBLE COLOR COORDINATED CAULK. COORDINATE WITH BEST BUY FOR APPROPRIATE COLOR COORDINATED CAULK.
- G.C. TO PROVIDE THE FOLLOWING FLOORING "ATTIC" STOCK FOR FUTURE USE.
 - CA-1: (1) 12'X12' PIECE, ROLLED TIGHTLY & SHRINK-WRAPPED
 - CA-40: (16) FULLTILES
 - LVT-1: (4) CARTONS

FLOOR FINISH LEGEND

CA-1	FIELD CARPET (BROADLOOM)	MT-1	ENTRY MAT CARPET (BROADLOOM)
CA-3	VENDOR CARPET (TILE)	MT-2	ENTRANCE FLOOR GRID
CA-4	VENDOR CARPET TBD	CT-1	CERAMIC TILE
SC	SEALED CONCRETE	LVT-1	LUXURY VINYL TILE
VCT	VINYL COMPOSITION TILE	LVT-2	VENDOR LUXURY VINYL TILE

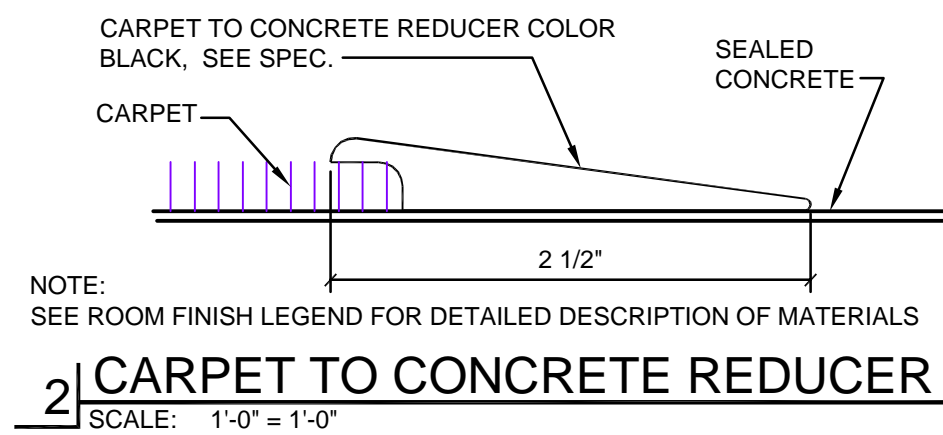
ROOM FINISH LEGEND

ABBREVIATION	DESCRIPTION
ACT-1	2"x4" SCORED FISSURED, MINERAL FIBER SUSPENDED CEILING (ARMSTRONG "CORTEGA SECOND-LOOK"/USG "RADAR - ILLUSION"), INTERIORS, WHITE.
ACT-2	ARMSTRONG FORMATIONS ACOUSTICAL & ACCENT CLOUDS, STANDARD WHITE 16" AXIOM CLASSIC (AC16) WITH WHITE ULTIMA #1912 (9"16" BEVELED TEGULAR) LAY-IN PANELS PER DIMENSIONS ON A4.0
C-4	INTERIOR CEILING PAINT, BENJAMIN MOORE "SUPER WHITE"
C-5	INTERIOR WALL PAINT, BENJAMIN MOORE #2141-70 "VANILLA MILKSHAKE"
C-6	INTERIOR WALL PAINT (RESTROOMS), SHERWIN WILLIAMS #6371 "VANILIN"
C-7	INTERIOR WALL PAINT (PAC/MHT/MDC WALLS), SHERWIN WILLIAMS SW7025 "BACKDROP"
C-9	INTERIOR WALL, DOOR & TRIM PAINT (HUB & SALES ACCENT WALLS, DOORS), BM #1473 "GRAY HUSKIE"
C-10	INTERIOR WALL PAINT (HUB WALLS WITH SINK/COUNTER & OPPOSITE), COLOR TO BE SELECTED BY CPM & DM W/ STORE MANAGER
CA-1	FIELD BROADLOOM CARPET, MANNINGTON "MIDNIGHT" (INSTALLS SEAMS PERPENDICULAR TO ENTRY)
CA-3	VENDOR TILE CARPET, MILLIKEN CUSTOM #4000097253 (MONOLITHIC INSTALL)
CA-4	VENDOR FLOORING- VERIFY CURRENT SPECIFICATION WITH BEST BUY CPM
MT-1	ENTRANCE FLOOR BROADLOOM CARPET, MANNINGTON MILLS "INTRO"
MT-2	ENTRANCE FLOOR GRID, MATWORKS PRO-SCRAPER ENTRY SYSTEM, ALL VINYL, ALL BLACK, 6'-0" WIDTH, #2121106-072000-003
PL1	IMPACT RESISTANT PANEL, INPRO ELEMENTS SE025 "BRUSHED ALUMINUM" INSTALLED VERTICALLY, U.N.O. RE: 2/11.2
PL2	HUB COUNTER LAMINATE: WILSONART "MISTED ZEPHYR"
PL3	IMPACT RESISTANT PANEL, INPRO ELEMENTS 0106 "DOVE GRAY" (ALT. FOR HUB ONLY IF LEAD TIME ON PL1 WOULD DISRUPT SCHEDULE)
PL4	IMPACT RESISTANT PANEL, INPRO ELEMENTS SE025 "BRUSHED ALUMINUM" INSTALLED VERTICALLY, FULL HEIGHT OF WALL.
S-40	HUB MILLWORK; HAMPTON SQUARE WITH COFFEE STAIN (SEE SPECS)
SC	SEALED CONCRETE
LVT-1	LUXURY VINYL TILE, METROFLOR, KENECTO, ENGAGE, ESSENTIALS, INTERLOCKING LVT, # 10042P, "CORNSILK"
LVT-2	LUXURY VINYL TILE, METROFLOR, KENECTO, ENGAGE, ESSENTIALS, INTERLOCKING LVT, # 5102, "SUN VALLEY OAK" W/ METROFLOR, PREVAL SOUND SOLUTION UNDERLAYMENT, # PREVAL USSU
*VCT	VINYL COMPOSITION TILE, ARMSTRONGS STANDARD EXCELON IMPERIAL TEXTURE "SOFT WARM GRAY" 51861
RB-1	4" RUBBER BASE, VPI #01 JET
*RB-2	4" RUBBER BASE, VPI #98 LONDON GREY

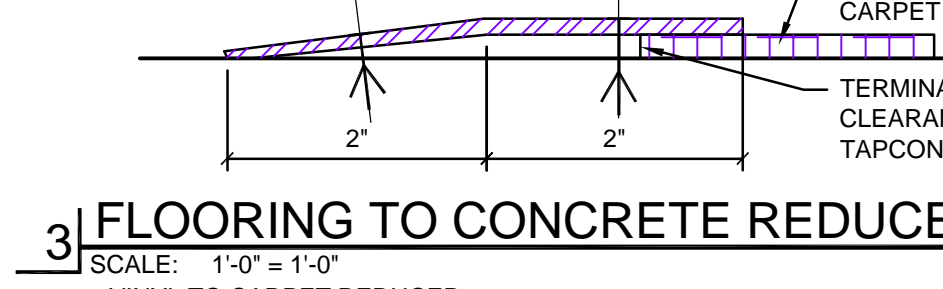
ROOM FINISH SCHEDULE NOTES:
1. UNLESS SPECIFICALLY NOTED OTHERWISE, ALL DOORS TO BE PAINTED [C-9], SEMI-GLOSS FINISH, TYP. SEE DOOR SCHEDULE FOR DOOR & FRAME FINISHES. REFER TO PROJECT SPECIFICATIONS FOR ALL PAINT FINISHES BY APPLICATION, TYP.
2. ALL CONDUIT TO BE PAINTED, TYP. PAINT CONDUIT DROPS TO MATCH ADJACENT WALL COLOR & PAINT CONDUIT AT DECK TO MATCH DECK.
3. REPLACE ALL MISSING OR DAMAGED, STAINED, ETC. EXISTING CEILING TILE WITH NEW

ROOM FINISH SCHEDULE

(SEE SPEC FOR MANUFACTURER, MATERIALS & PAINT TYPES)								
NO.	ROOM	FLOOR	BASE	WALLS	DOORS	CEILING	CEILING HGT.	REMARKS
101	VESTIBULE	MT-1, MT-2	4" RB-1	PL4	-	EXISTING ACT	10'-8" A.F.F.	PL4, ALL EXPOSED GYP. BD.
102	WOMENS	EXISTING CT	EXISTING CT	[C-5]	[C-9]	GYP. BD. [C-4]	9'-0" A.F.F.	PROVIDE NEW TOILET PARTITIONS
103	MENS	EXISTING CT	EXISTING CT	[C-5]	[C-9]	GYP. BD. [C-4]	9'-0" A.F.F.	PROVIDE NEW TOILET PARTITIONS
104	ELECTRICAL	EXISTING SC	-	[C-5]	[C-9]	-	OPEN TO DECK	NO WORK
105	CORRIDOR	CA-1	4" RB-1	[C-5]	-	EXISTING ACT	9'-0" A.F.F.	PL1 & PL4 ON WALLS AS SHOWN ON PLAN
106	HUB	SC OR *VCT	4" RB-2	[C-9, C-10]	[C-9]	ACT-1	9'-0" A.F.F.	PL1 ON WALLS, *VCT TO BE USED ONLY ON EXISTING SLABS (AT HUB ONLY, WHERE PL1 LEAD TIME WOULD DISRUPT SCHEDULE, SUBSTITUTE PL3)
107	JANITOR	EXISTING SC	-	-	-	-	OPEN TO DECK	NO WORK
108	RECEIVING	SC	-	-	-	-	OPEN TO DECK	
110	RESTROOM	-	-	[C-5]	[C-9]	GYP. BD. [C-4]	9'-0" A.F.F.	
111	"ISC"	-	-	[C-5]	[C-9]	[C-4]	OPEN TO DECK	
111A	ISC WAITING	-	-	[C-5]	[C-9]	EXISTING ACT	9'-0" A.F.F.	
112	SALES AREA	CA-1, CA-3, CA-4, LVT-2 & MT-1	4" RB-1	[C-5, C-7]	-	[C-4]	OPEN TO DECK	PAINT ALL CEILING/DECK & EXPOSED WALLS FLOOR TO DECK & BEHIND FIXTURES FROM 8'-0" A.F.F. TO DECK
112A	PAC SALES	LVT-1	4" RB-1	SEE SHEET A12.0	[C-7]	[C-4]	OPEN TO DECK	ANY DOORS WHICH OCCUR IN PAC SALES TO BE PAINTED [C-7] TYP. SEE SHEET A12.0-A12.2
113	ADMIN. OFFICE	CA-1	4" RB-1	[C-5]	[C-9]	GYP. BD. [C-4]	9'-0" A.F.F.	
114	SALES DEV.	CA-1	4" RB-1	[C-5]	[C-9]	EXISTING ACT	9'-0" A.F.F.	
114A	SALES DEV.	CA-1	4" RB-1	[C-5]	[C-9]	EXISTING ACT	9'-0" A.F.F.	
115	COMMUNICATION	-	-	[C-5]	[C-9]	-	OPEN TO DECK	NO WORK
116	LP EQUIPMENT RM.	CA-1	4" RB-1	[C-5]	[C-9]	EXISTING ACT	7'-6" A.F.F.	
117	LEARNING LOUNGE	CA-1	4" RB-1	[C-9]	[C-9]	EXISTING ACT	9'-0" A.F.F.	
118	FINANCE ROOM	CA-1	4" RB-1	[C-9]	[C-9]	EXISTING ACT	9'-0" A.F.F.	
119	CUSTOMER SERVICE	CA-1	4" RB-1	[C-9]	[C-9]	EXISTING ACT	9'-0" A.F.F.	
120	OFFICE	CA-1	4" RB-1	[C-9]	[C-9]	EXISTING ACT	9'-0" A.F.F.	



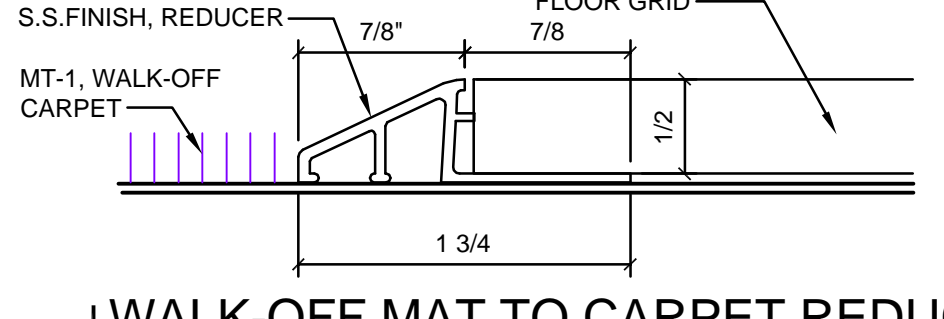
2 | CARPET TO CONCRETE REDUCER
SCALE: 1'-0" = 1'-0"



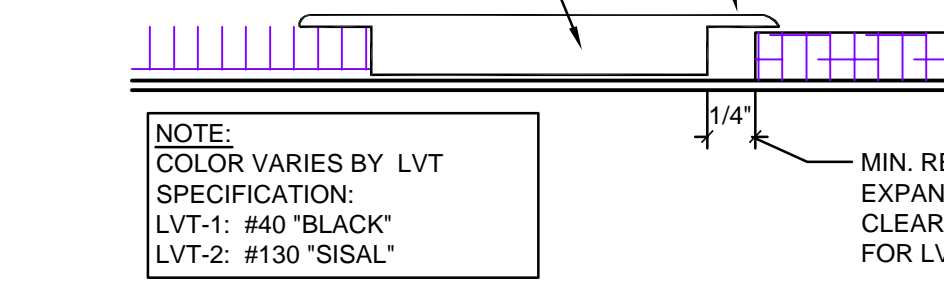
3 | FLOORING TO CONCRETE REDUCER
SCALE: 1'-0" = 1'-0"



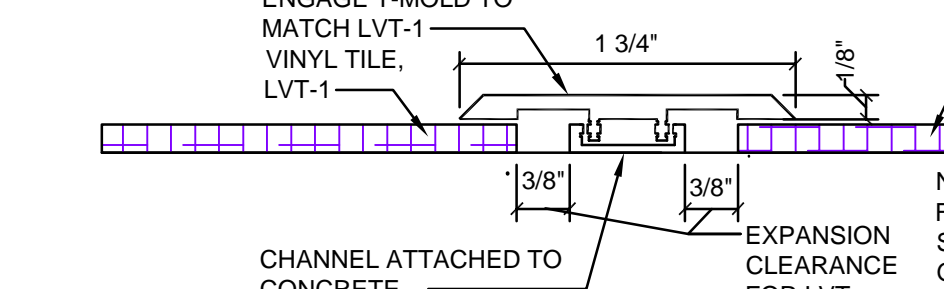
4 | VINYL TO CARPET REDUCER
SCALE: 1'-0" = 1'-0"



5 | WALK-OFF MAT TO CARPET REDUCER
SCALE: 1'-0" = 1'-0"



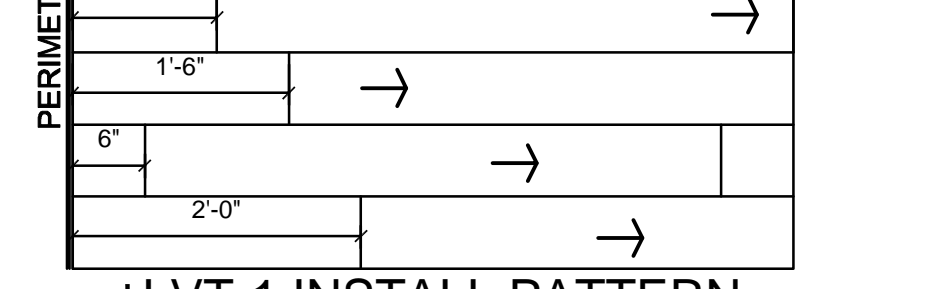
6 | LVT TO CARPET REDUCER
SCALE: 1'-0" = 1'-0"



7 | EXPANSION TRANSITION STRIP
SCALE: 1'-0" = 1'-0"



8 | LVT-1 INSTALL PATTERN
SCALE: 3/4" = 1'-0"



9 | SKIM-COAT DETAIL @ EXTG. VCT
SCALE: 1'-0" = 1'-0"

GENERAL NOTES

1. COORDINATE FIXTURES WITH B&B REP.
2. REFER TO ELECTRICAL DRAWINGS TO DETERMINE LOCATION OF UNDERFLOOR/ABOVE FIXTURE CONDUIT FOR ELECTRICAL AND LOW VOLTAGE.
3. REFER TO PLAN SHEET E1 OR ELECTRICAL DETAILS FOR ADDITIONAL INFORMATION.
4. ALL HOME RUNS SHALL BE 3/4" CONDUIT UNLESS OTHERWISE NOTED. NO MC CABLE IN EXPOSED AREAS.
5. RUN ALL ELECTRICAL CONDUIT TO UNDERSIDE OF ROOF DECK. COORDINATE THIS WORK WITH OTHER TRADES BEFORE PROCEEDING.
6. ALL CONDUITS, RACEWAYS, ELECTRICAL BOXES AND EXPOSED LOW VOLTAGE WIRE SHALL BE RUN TRUE, PLUMB, SQUARE TO THE BUILDING TIGHTLY WRAPPED OR FASTENED TO STRUCTURE. LOW VOLTAGE RUNS OR EXPOSED WIRE MUST BE HIDDEN FROM VIEW AND THE WRAPPED TO THE STRUCTURE WITH WHITE WRAPS. THE WRAPS MUST BE UNIFORMLY SPACED WITH ENOUGH WRAPS TO PREVENT WIRE FROM SAGGING. UNDER NO CIRCUMSTANCES CAN EXPOSED WIRE BE RUN IN FREE AIR OR AT DIAGONALS.
7. FINISHES TO MEET FLAME SPREAD REQUIREMENTS IN CBC TABLE 803.5
8. CONFIRM PAINT COLORS WITH BEST BUY MANAGER PRIOR TO PAINTING.
9. FINISH EXPOSED MDF SUCH THAT NO SCREW HOLES OR SEAMS ARE EVIDENT. COUNTERSINK ALL SCREWS & FILL HOLES. BONDO JOINTS OR OTHER IRREGULARITIES AS NECESSARY & SAND SMOOTH PRIOR TO PAINTING.

PLAN NOTES	
1.	PAINT CONDUIT DROPS TO MATCH WALL ADJ. WALL COLOR.
2.	PAINT CONDUIT AT DECK TO MATCH EXIST DECK COLOR.
3.	PROVIDE 4" BLACK RUBBER BASE IN REMODEL AREA @ ALL EXPOSED WALL BASE CONDITIONS, UNLESS COVERED BY A FIXTURE PIECE.

I-WALL NOTES	
1.	"PRE-FAB I-WALLS" ARE FIXTURE WALLS AS NOTED ON PLANS THAT ARE TO BE ASSEMBLED BY G.C. FROM PRE-FRAMED WALL SEGMENTS PROVIDED BY OWNER.
2.	G.C. IS RESPONSIBLE FOR ASSEMBLY OF PRE-FRAMED WALL SEGMENTS INTO "I-WALLS", INCLUDING ANCHORING TO SLAB AND LATERAL BRACING, PER DETAILS 3, 4, 5, 6, & 8/12.0.

REMODEL NOTES


1. EXISTING PLASTIC LAMINATE WITHIN PROPOSED EXTENT OF PAC SALES TO BE REMOVED; PREP. WALL AS REQ'D TO RECEIVE NEW FINISHES.
2. ANY EXISTING FLOOR RECEPTABLES WITHIN PROPOSED EXTENT OF PAC SALES TO BE ABANDONED. REMOVE EXISTING EQUIPMENT AS REQ'D & INFILL. FLUSH TO SURFACE OF ADJ. SLAB, TYP.
3. ANY EXISTING ELECTRICAL RECEPTS WITHIN PROPOSED EXTENT OF PAC SALES TO BE ABANDONED. SEAL TRENCH PER DETAIL 2/A12/2, TYP.



RESPONSIBILITY SCHEDULE		FURNISHED BY	INSTALLED BY
1. FIXTURES/CABINETS(MDF (MDF PER DETAILS 2 & 3/A12:1 ONLY)	P	G	G
2. APPLIANCES/PRODUCT	P	G	G
3. MANGING GRID	P	G	G
4. SOLID SURFACE COUNTERTOPS	P	G	G
5. CARPET/FLOORING AND ADHESIVE	P	G	G
6. TRANSITIONS/VINYL BASE AND ADHESIVE	P	G	G
7. PAINT	P	G	G
8. P1000 UNISTRUT (PREFINISHED OR PAINTED WHITE)	P	G	G
12) PCS. P1000 UNISTRUT-4/E4, PAC CEILING GRID, 4/PAC COLLAR	P	G	G
(ADDITIONAL P1000 UNISTRUT REQ'D. BY SITE SPECIFIC CONDITIONS	P	G	G
9. PRE-FABRICATED D/WALL SEGMENTS	P	G	G
10. 6" x FULL HGT. BACKSLASH	P	G	G
SYMBOLS:			
P-PACIFIC SALES OR PS VENDOR			
G-GENERAL CONTRACTOR			




SUBINET KEY AND NOTES



AB-XX
18" x 18" x 18"

AB = APPLIANCE BOX (CABINET CONTAINS APPLIANCE PRODUCT)
XX = outside width of cabinet


x ## x ## = CABINET WIDTH x DEPTH x HEIGHT (IN INCHES)



UPC
36" x 18" x 18"

UPC = UPPER CABINET

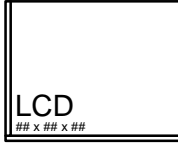
x ## x ## = CABINET WIDTH x DEPTH x HEIGHT (IN INCHES)



LC
36" x 18" x 18"

LC = LOWER CABINET WITH COUNTER TOP


x ## x ## = CABINET WIDTH x DEPTH x HEIGHT (IN INCHES)



LCD
36" x 18" x 18"

LCD = LOWER CABINET WITH DISHWASHER AND COUNTER TOP

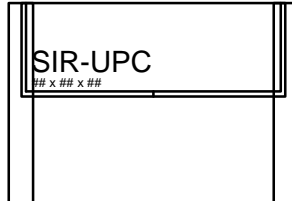
x ## x ## = CABINET WIDTH x DEPTH x HEIGHT (IN INCHES)



SFT
36" x 18" x 18"

SFT = SOFFIT CABINET

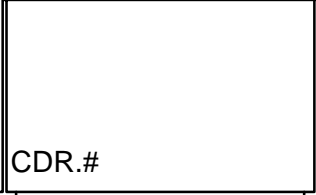
x ## x ## = CABINET WIDTH x DEPTH x HEIGHT (IN INCHES)



SIR-UPC
36" x 18" x 18"


SIR-UPC = SLIDE IN RANGE, UPPER CABINET

x ## x ## = CABINET WIDTH x DEPTH x HEIGHT (IN INCHES)



CDR.#
36" x 18" x 18"

CDR.# = COUNTER DEPTH REFRIGERATOR



SEAL

CONSULTANT

A12.0

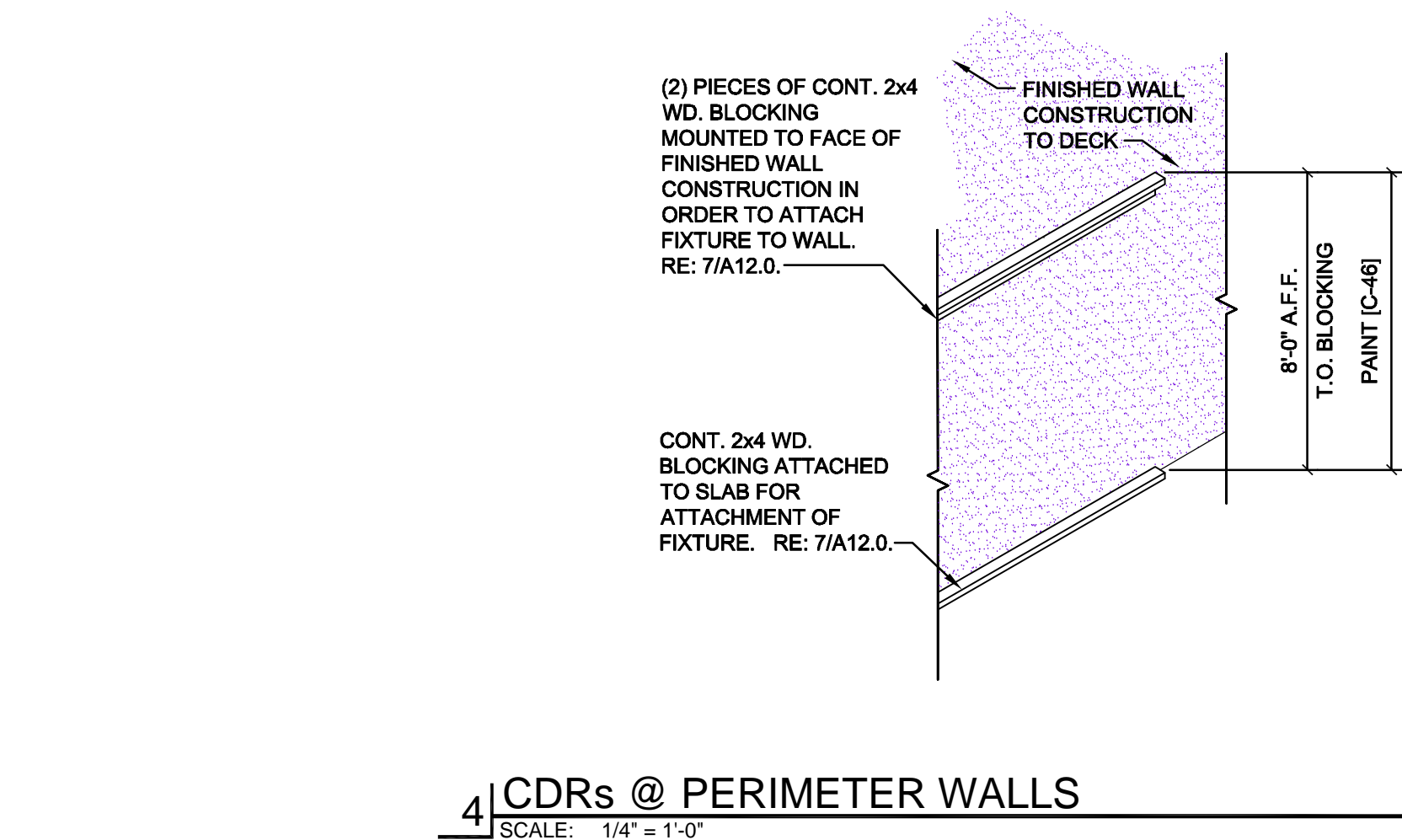
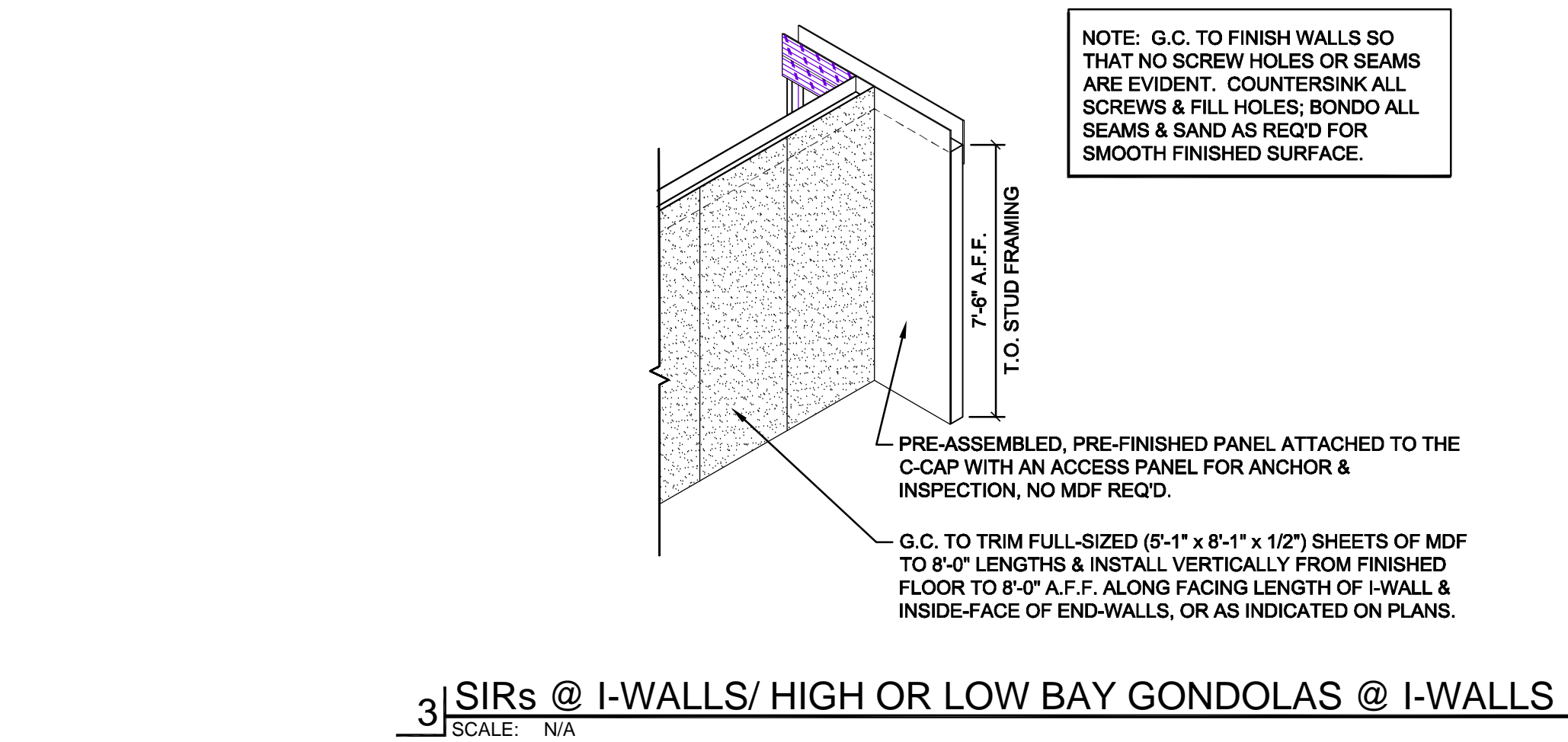
SHEET

GENERAL NOTES	
1.	COORDINATE FIXTURES WITH BBY REP.
2.	REFER TO ELECTRICAL DRAWINGS TO DETERMINE LOCATION OF UNDERFLOOR/ABOVE FIXTURE CONDUIT FOR ELECTRICAL AND LOW VOLTAGE.
3.	REFER TO PLAN SHEET E1 OR ELECTRICAL DETAILS FOR ADDITIONAL INFORMATION.
4.	ALL HOME RUNS SHALL BE 3/4" CONDUIT UNLESS OTHERWISE NOTED. NO MC CABLE IN EXPOSED AREAS.
5.	RUN ALL ELECTRICAL CONDUIT TO UNDERSIDE OF ROOF DECK. COORDINATE THIS WORK WITH OTHER TRADES BEFORE PROCEEDING.
6.	ALL CONDUITS, RACEWAYS, ELECTRICAL BOXES AND EXPOSED LOW VOLTAGE WIRE SHALL BE RUN TRUE. PLUMB, SQUARE TO THE BUILDING TIGHTLY WRAPPED OR FASTENED TO STRUCTURE. LOW VOLTAGE RUNS OR EXPOSED WIRE MUST BE HIDDEN FROM VIEW AND TIE WRAPPED TO THE STRUCTURE WITH WHITE WRAPS. TIE WRAPS MUST BE UNIFORMLY SPACED WITH ENOUGH WRAPS TO PREVENT WIRE FROM SAGGING. UNDER NO CIRCUMSTANCES CAN EXPOSED WIRE BE RUN IN FREE AIR OR AT DIAGONALS.
7.	FINISHES TO MEET FLAME SPREAD REQUIREMENTS IN CBC TABLE 803.5
8.	ALL MDF PRE-INSTALLED BY VENDOR, EXCEPT AS INDICATED IN DETAILS 2 & 3.
9.	AT G.C. PROVIDED MDF (DETAILS 2 & 3), FINISH ALL EXPOSED MDF SUCH THAT NO SCREW HOLES OR SEAMS ARE EVIDENT. COUNTERSINK ALL SCREWS & FILL HOLES. BONDO JOINTS OR OTHER IRREGULARITIES AS NECESSARY & SAND SMOOTH PRIOR TO PAINTING.
10.	BACKSPLASH LOCATIONS ARE PRE-PAINTED. G.C. IS RESPONSIBLE FOR REPAIR OF PROTRUDING SCREW HEADS, BONDO & TOUCH-UP AS REQ'D. FOR AN UNBLEMISHED FINISH. TOUCH-UP PAINT IS PROVIDED BY OWNER.
11.	COUNTERTOPS AT PAINTED BACKSPLASHES TO HAVE A 6" SOLID SURFACE BACKSPLASH, PROVIDED BY OWNER & INSTALLED BY G.C.

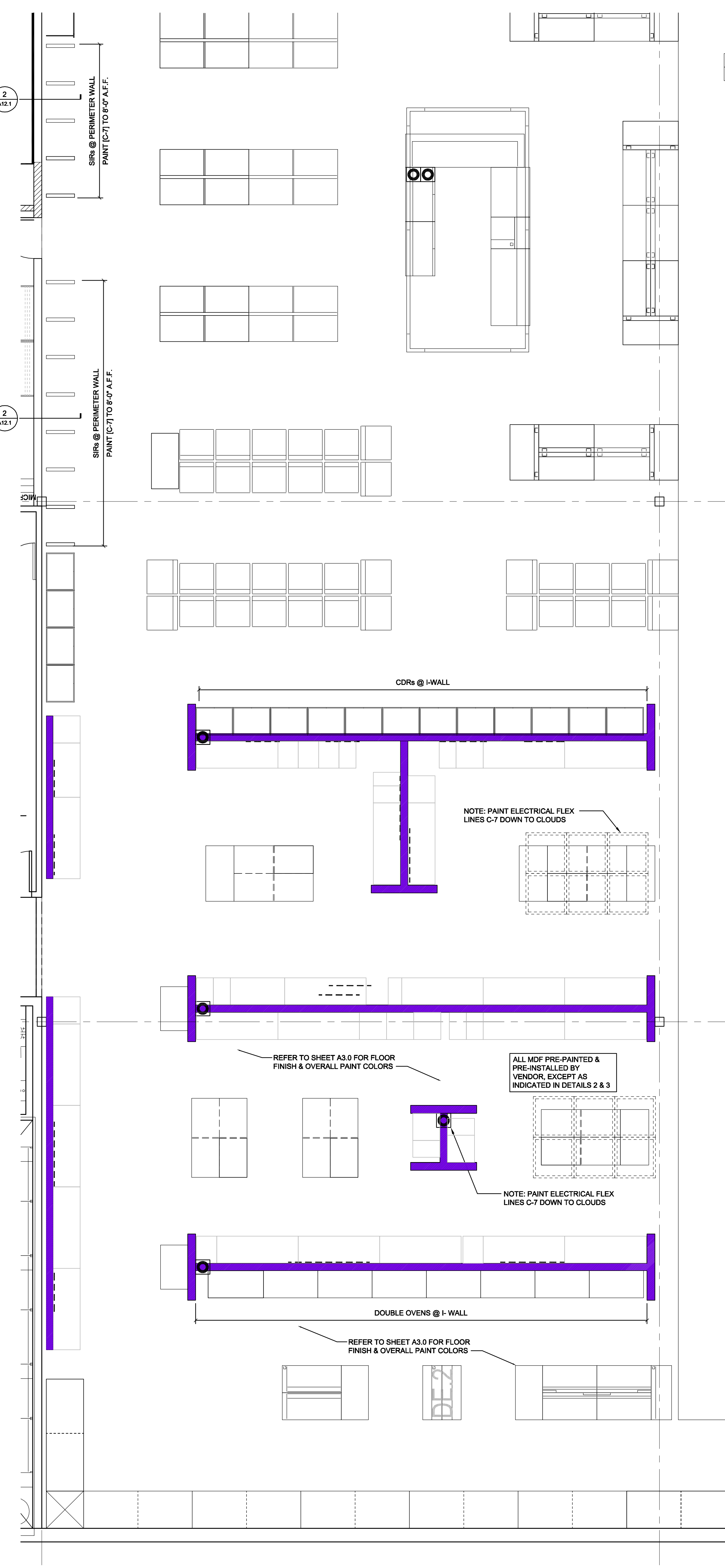
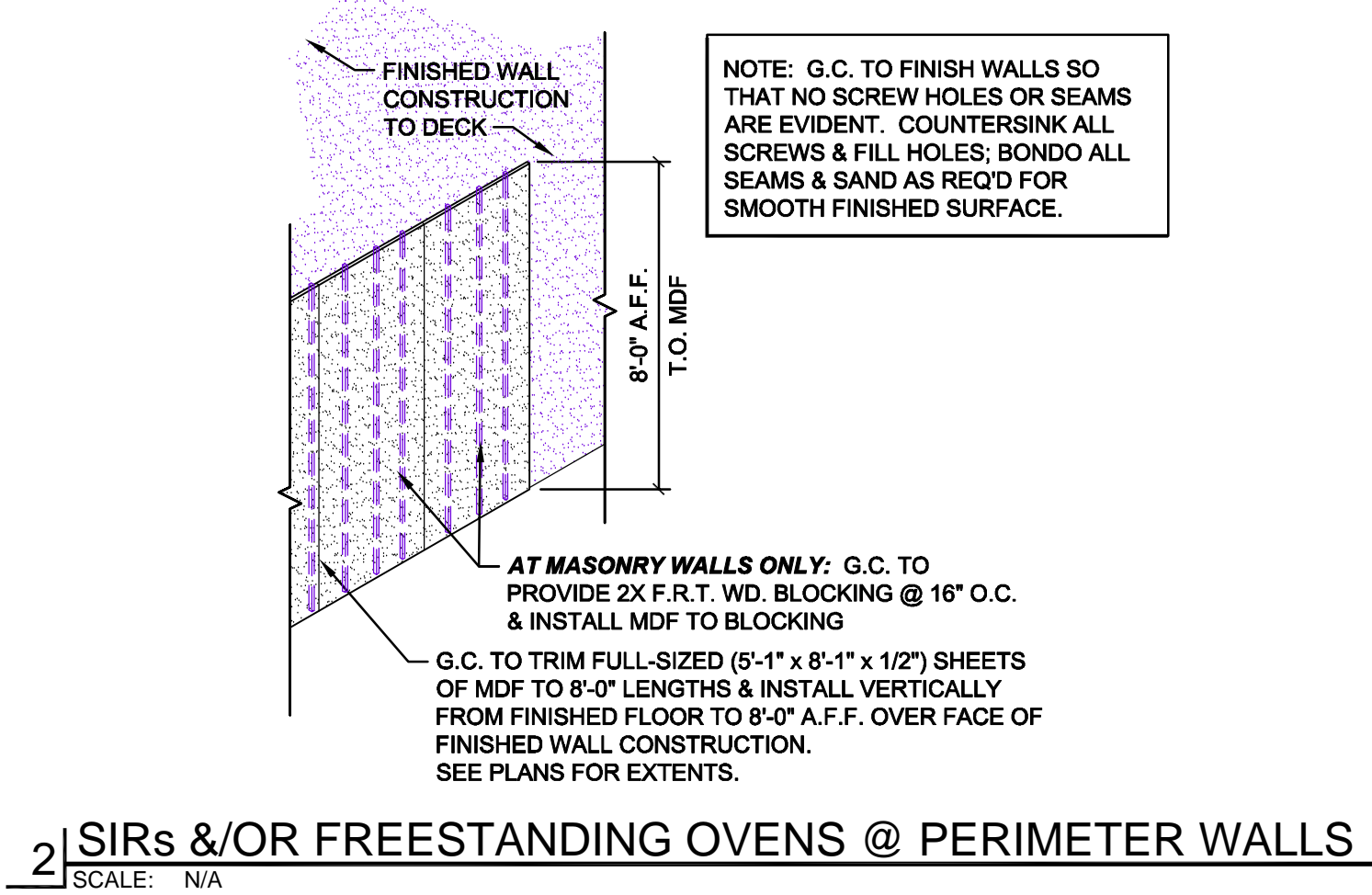
PLAN NOTES	
1.	PAINT CONDUIT DROPS TO MATCH ADJACENT WALL COLOR.
2.	PAINT CONDUIT AT DECK TO MATCH EXIST DECK COLOR.
3.	FOR STORE REMODELS, PROVIDE 4" BLACK RUBBER BASE IN REMODEL AREA @ ALL EXPOSED WALL BASE CONDITIONS, UNLESS COVERED BY A FIXTURE PIECE.

I-WALL NOTES	
1.	"PRE-FAB I-WALLS" ARE FIXTURE WALLS AS NOTED ON PLANS THAT ARE TO BE ASSEMBLED BY G.C. FROM PRE-FRAMED WALL SEGMENTS PROVIDED BY OWNER.
2.	G.C. IS RESPONSIBLE FOR ASSEMBLY OF PRE-FRAMED WALL SEGMENTS INTO "I-WALLS", INCLUDING ANCHORING TO SLAB AND LATERAL BRACING. PER DETAILS 3, 4, 5 & 6/A12.0.

WALL FINISH LEGEND	
ABBREV	DESCRIPTION
COLOR	(C-7) SW7025 "BACKDROP" (PERIMETER WALLS & SOFFITS) (C-51) SW6179 "ARTICHOKE" (C-53) SW6381 "ANJOU PEAR" (C-54) SW2849 "WESTCHESTER GRAY" (C-57) SW6142 "MACADAMIA" NOTE: GC SHALL TOUCH-UP AFTER INSTALLATION AS REQUIRED. ALL PAC SALES PAINT TO BE EGGSHELL FINISH, U.N.O. APPLIANCE PAINT CHART: (C-51) VIKING, MONOGRAM (C-53) KITCHEN AID, JEN AIR (C-54) GE, BOSCH (C-57) THERMADOR (C-53 & C-54) VALUE
RB-1	4" RUBBER BASE, VPI #01 JET



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Abdul Salehi, Architect
TEL 949-709-3346 FAX 714-884-3327
14711 DARTMOUTH CR., TUSTIN, CA 92780

ARCHITECT

SEAL

CONSULTANT

SQ. FT. CALCS

RETAIL: 51,140 SF

OFFICES: 2,069 SF

STORAGE/REMAINING: 4,212 SF

INSTALL: 999 SF

TOTAL: 58,420 SF

CONCEPT: 45K C5

CONCEPT DATE: XX.XX.XX

G.O. -21 FIXTURE REL. XX.XX.XX

G.O. -13 FINAL REL. XX.XX.XX

PROTOTYPE DATE: XX.XX.XX

STORE NUMBER: 0110

BEST BUY

OWNER

3900 TYLER STREET,
RIVERSIDE, CA

LOCATION

BID/PERMIT SET
12/12/14

DATE

REV DATE

△

△

△

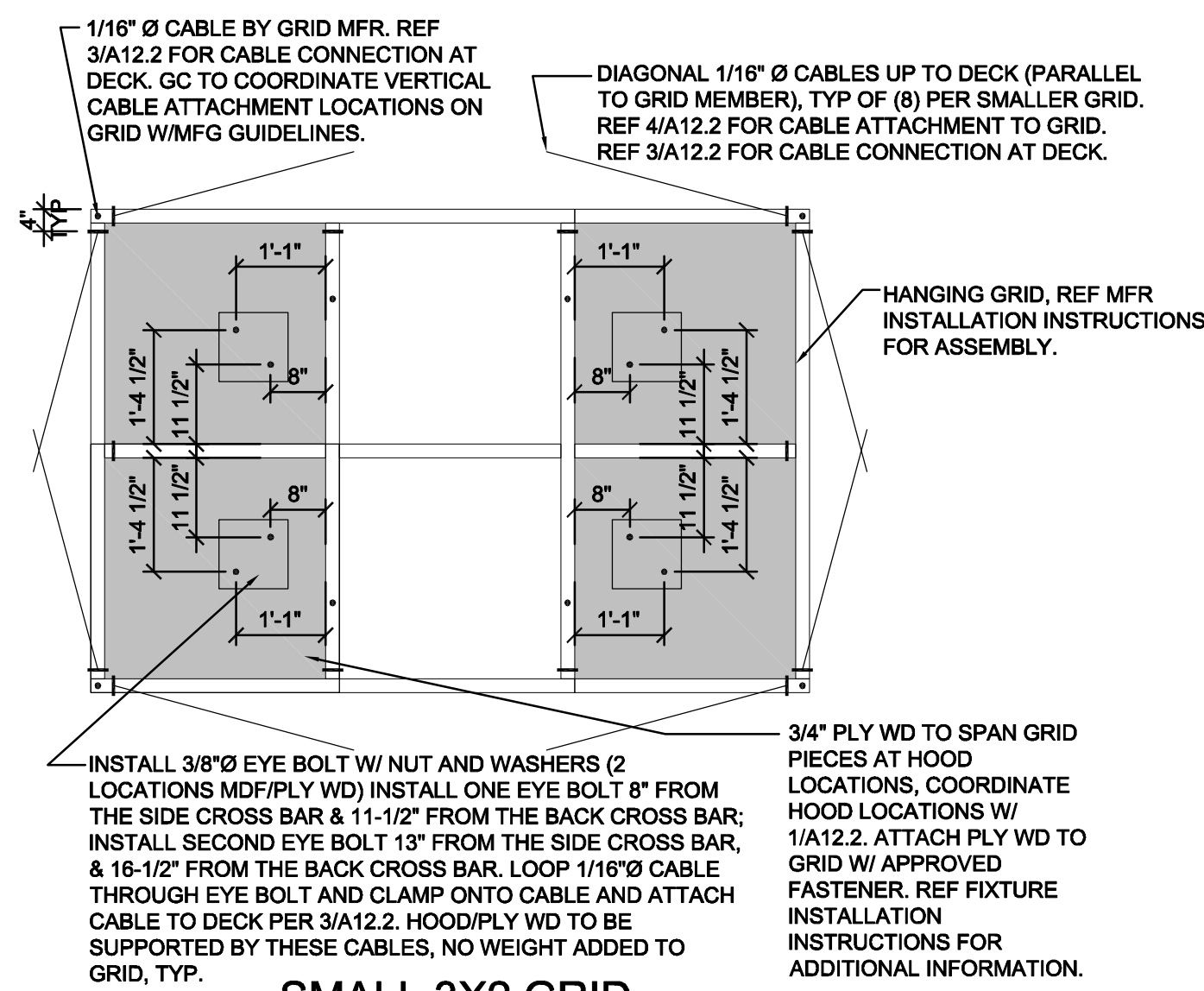
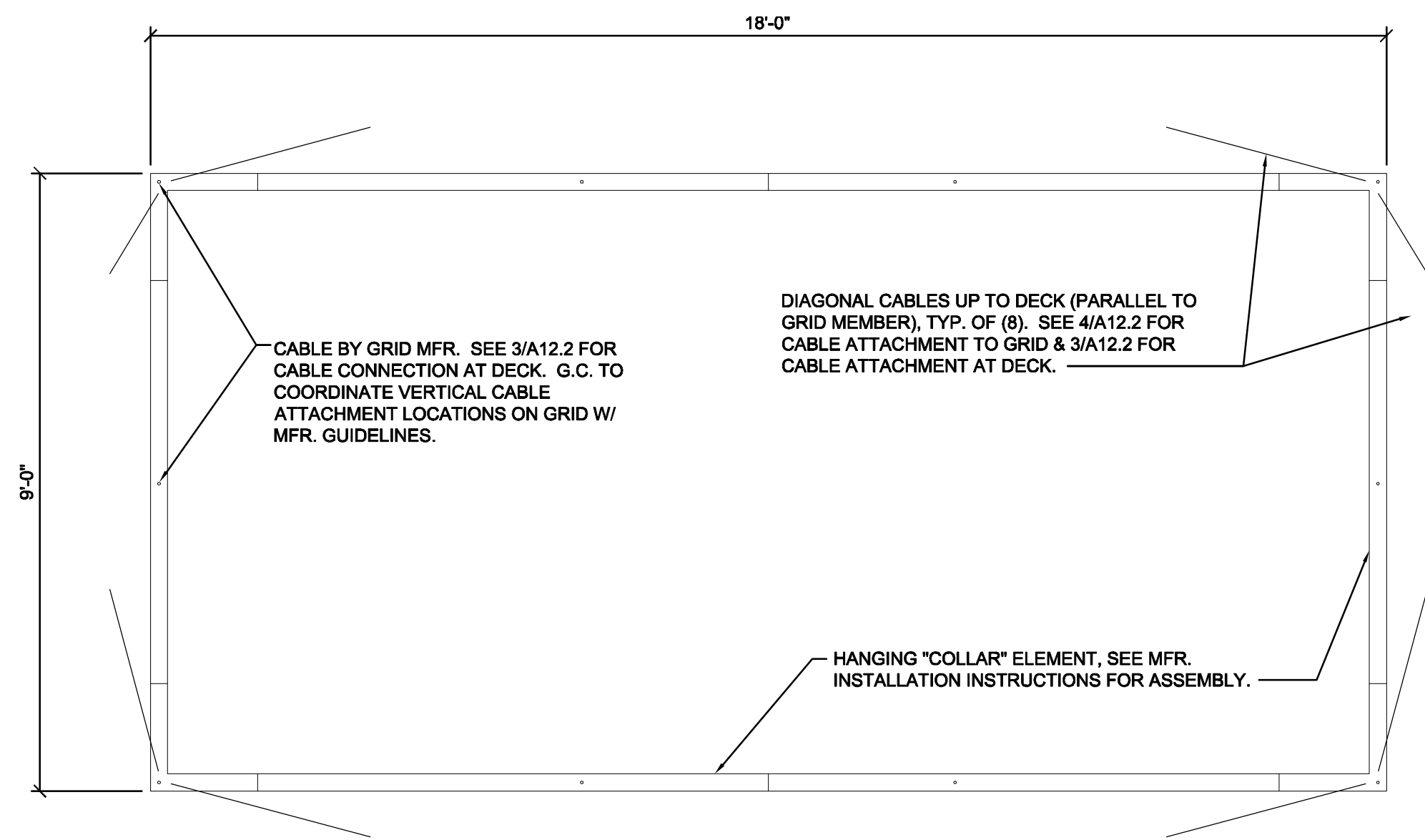
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PAC SALES FINISH
FLOOR PLAN

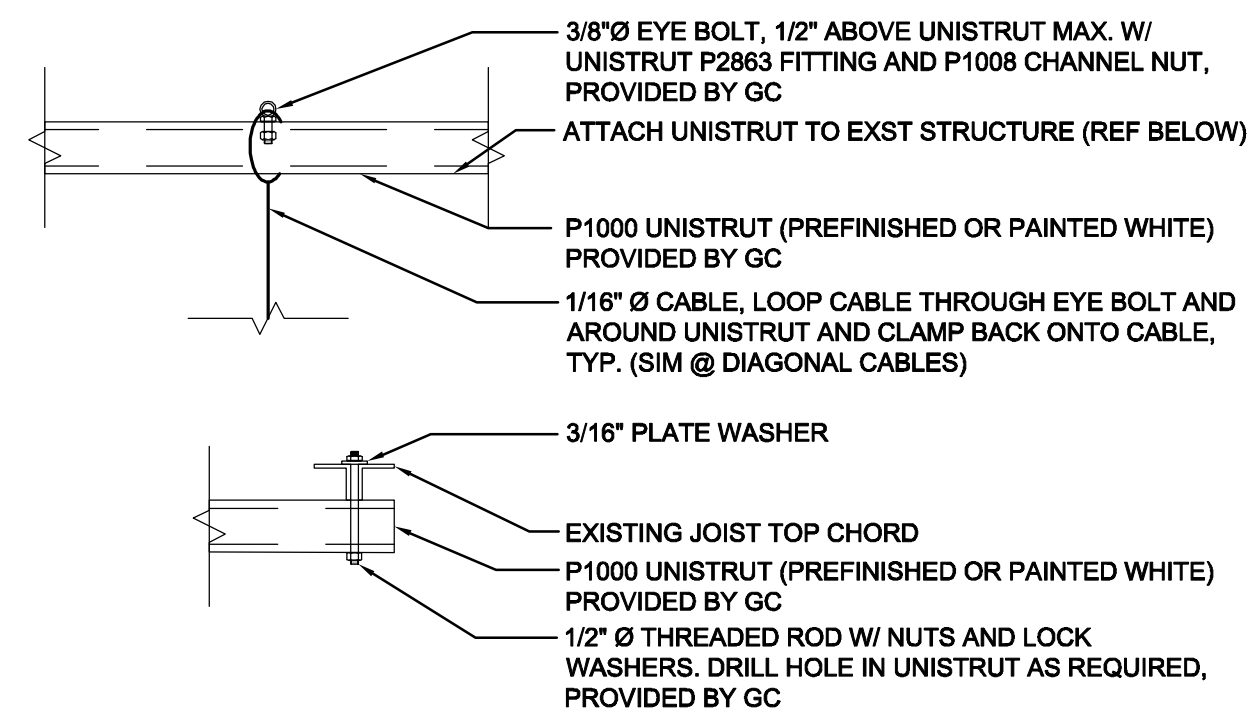
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SHEET

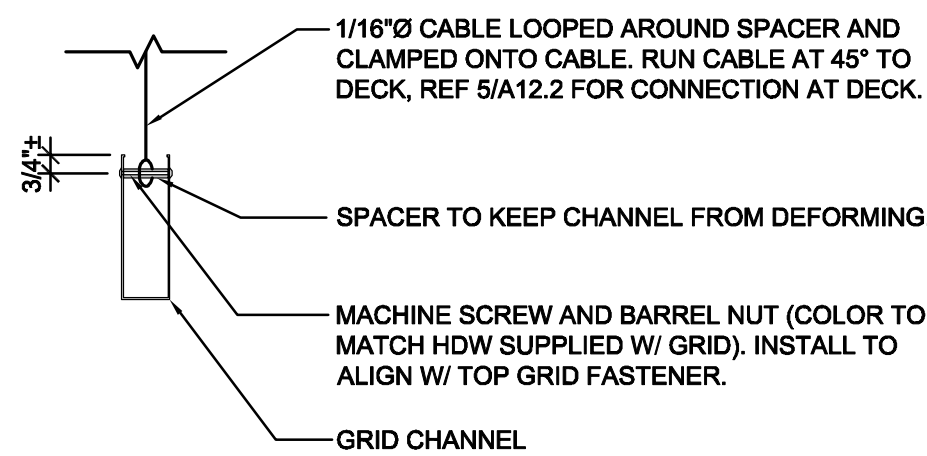


2 | GRID DETAIL

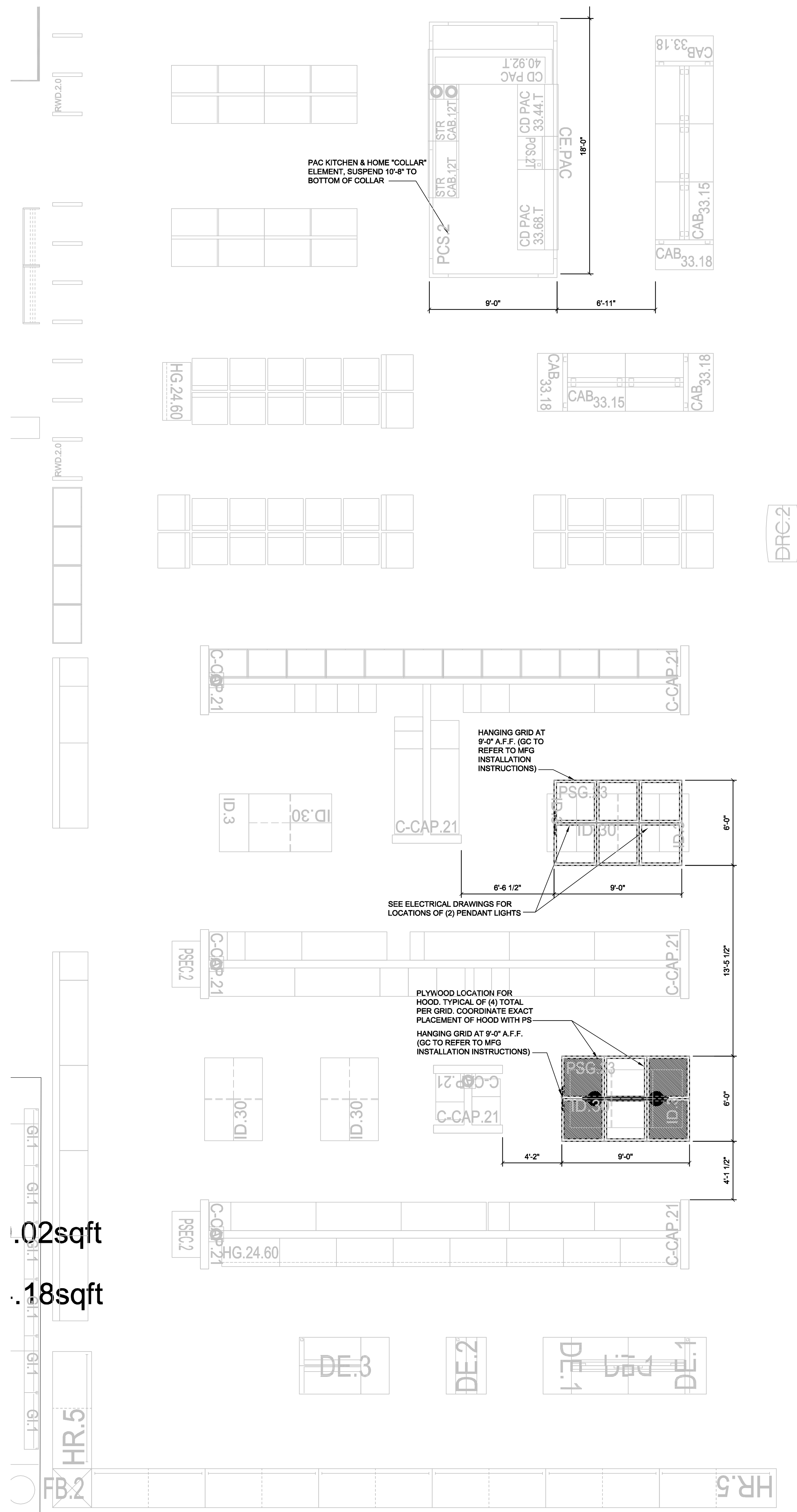
SCALE: 1/2" = 1'-0"



UNISTRUT DETAIL




4 | **DIAGONAL CABLE CONNECTION**
SCALE: 1-1/2" = 1'-0"



1 | PAC SALES ENLARGED RCP

[illegible]

Abdul Salehi, Architect
TEL. 949-701-3346 FAX. 714-884-3327
14711 DARTMOUTH CIR. TUSTIN, CA 92780



SEAL

STANT

CONSUMERS

SQ. FT. CALCS	
RETAIL:	51,140 SF
OFFICES:	2,069 SF
STORAGE/REMAINING:	
	4,212 SF
INSTALL:	999 SF
TOTAL:	58,420 SF
CONCEPT:	
45K C5	
CONCEPT DATE:	
XX.XX.XX	
G.O. - 21 FIXTURE REL.	
XX.XX.XX	
G.O. - 13 FINAL REL.	
XX.XX.XX	
PROTOTYPE DATE:	
XX.XX.XX	

0110

BEST BUY®

OWNER

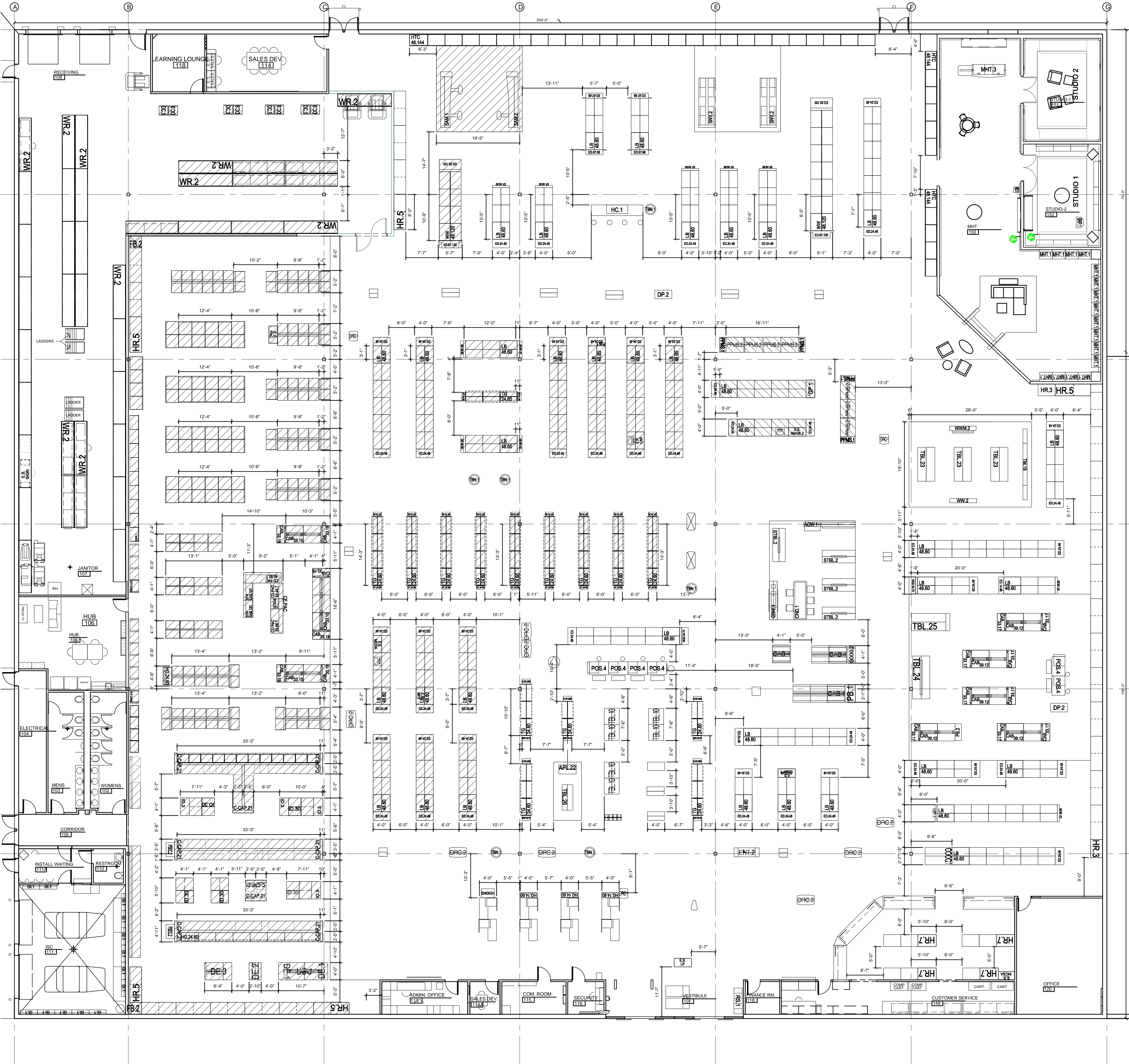
LOCATION
**3900 TYLER STREET,
RIVERSIDE, CA**

BID/PERMIT SET
12/12/14

REV	DATE
△	
△	
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△	
△	

PAC SALES
REFLECTED
CEILING PLAN

A12.2



GENERAL NOTES

1. ALL FIXTURES, SHELVING AND STANDARDS BELOW ARE TO BE INSTALLED BY FIXTURE CONTRACTORS.
2. GENERAL CONTRACTORS TO PROVIDE BLOCKING FOR ALL STANDARDS.
3. ALL FIXTURE DIMENSIONS ARE MEASURED FROM KICK PLATE TO KICK PLATE.

FIXTURE LEGEND

CAB.4	SMASH TABLE - COMPUTERS - 4'-4" HIGH X 4'-1" WIDE X 4'-1" DEEP
ED.67.120	END CAP WING WALL - 1'-2" DEEP X 5'-7" WIDE X 10'-0" HIGH ENDCAP, ANCHORED TO FLOOR
ED.67.66	END CAP - 1'-2" DEEP X 5'-7" WIDE X 5'-6" HIGH ENDCAP, ANCHORED TO FLOOR
FB.2	FILLER BOX - 8FT HIGH: FINISH: TEAK - TO BE INSTALLED BY FIXTURE CONTRACTOR
GL.1	CAR-FI GRID
HR.3	3x6 (CUSTOM) HALF GONDOLA OVERRACK: 8'-0" HIGH X 4'-0" WIDE X 2'-9" DEEP, W/ VALANCE LIGHTING, ANCHORED TO FLOOR
HR.5	3x6 (CUSTOM) HALF GONDOLA OVERRACK: 8'-0" HIGH X 8'-0" WIDE X 2'-9" DEEP, W/ VALANCE LIGHTING, ANCHORED TO FLOOR
HR.7	2x5 (HIGH VOLUME) HALF GONDOLA OVERRACK: 8'-0" HIGH X 4'-0" WIDE X 2'-9" DEEP, W/ VALANCE LIGHTING, ANCHORED TO FLOOR
HTC.48.144	3x6 (CUSTOM) HALF GONDOLA OVERRACK: 12'-0" HIGH X 4'-0" WIDE X 2'-9" DEEP, NO VALANCE LIGHTING, ANCHORED TO FLOOR
POS.2.T	POS DESK - 33" HIGH X 28" WIDE X 21" DEEP (FINISH - TEAK)
WR.2	WAREHOUSE RACKING: 8'-0" HIGH X 12'-0" WIDE X 3'-0" DEEP ANCHORED TO FLOOR
WW.48.120	WING WALL GONDOLA - 2'-4" DEEP X 4'-0" WIDE X 10'-0" HIGH, ANCHORED TO FLOOR

EMPLOYEE STATION LEGEND

ES.MCSA	2' x 4' DESK W/ VARIABLE HEIGHT ADJUSTMENT - MULTI CHANNEL SALES ASSISTANT
ES.SALES	COUNTERTOP WITH FILE CABINETS

PACIFIC SALES

C-CAP.21	PAC I-WALL CLADDING
CD.PAC.33.44.T	PAC CONSULTATION DESK: 33" HIGH X 44" WIDE X 35" DEEP (FINISH - TEAK)
CD.PAC.33.68.T	PAC CONSULTATION DESK: 33" HIGH X 68" WIDE X 35" DEEP (FINISH - TEAK)
CD.PAC.40.92.T	PAC CONSULTATION DESK: 40" HIGH X 105" WIDE X 30" DEEP (FINISH - TEAK)
CDR.1	COUNTER-DEPTH REFRIGERATORS: 8'-0" HIGH X 3'-3" WIDE X 2'-0" DEEP
CE.PAC.33	PAC COUNTER EXTENSION: 33" HIGH X 28" WIDE X 14" DEEP (FINISH - TEAK)
CTD.1	COOK TOP/DISHWASHER DISPLAY: 3'-11" HIGH X 6'-6" WIDE X 4'-1" DEEP
ID.3	APPLIANCE ISLAND DISPLAY: 3'-11" HIGH X 2'-1" WIDE X 5'-10" DEEP
ID.30	APPLIANCE ISLAND DISPLAY: 3'-11" HIGH X 5'-10" WIDE X 2'-1" DEEP
OVD	BUILT-IN OVEN DISPLAY: 8'-0" HIGH X 2'-9" WIDE X 2'-0" DEEP
PSEC.2	VENDOR PROVIDED DISPLAY
RWD.2.0	RANGE WALL DIVIDER 2.0: 3'-0" HIGH X 3'-0" WIDE X 2'-1" DEEP
STR.CAB.12.T	PAC STORAGE CABINET: 33" HIGH X 48" WIDE X 26" DEEP (FINISH - TEAK)
WR.2	WAREHOUSE RACKING: 8'-0" HIGH X 12'-0" WIDE X 3'-0" DEEP ANCHORED TO FLOOR

GENERAL NOTES

1. ALL FIXTURES, SHELVING AND STANDARDS BELOW ARE TO BE INSTALLED BY OTHERS.
2. GENERAL CONTRACTORS TO PROVIDE BLOCKING FOR ALL STANDARDS.
3. ALL FIXTURE DIMENSIONS ARE MEASURED FROM KICK PLATE TO KICK PLATE.

FIXTURE LEGEND

ACW.1	VENDOR PROVIDED ACCESSORY WALL
APL.22	APPLE FREESTANDING WALL DISPLAY - 7'-3" HIGH X 4'-0" WIDE X 2'-1" DEEP, ANCHORED TO FLOOR.
BRP.1	BLU-RAY PLAYER DISPLAY (VENDOR PROVIDED)
CAB.33.15	SMASH TABLE - SMALL APPLIANCES - 2'-9" HIGH X 4'-1" WIDE X 4'-1" DEEP (FINISH - TEAK)
CAB.33.17	SMASH TABLE - END CAP - 2'-9" HIGH X 4'-1" WIDE X 2'-1" DEEP (FINISH - BLEACHED MAPLE)
CAB.33.18	SMASH TABLE - END CAP - 2'-9" HIGH X 4'-1" WIDE X 2'-1" DEEP (FINISH - TEAK)
CAB.39.12	SMASH TABLE - BBWM/TABLET - 3'-3" HIGH X 4'-1" WIDE X 4'-1" DEEP (FINISH - BLEACHED MAPLE)
CND.1	VENDOR DISPLAY: 3'-4" HIGH X 3'-1" WIDE X 9'-0" LONG DESK.
CNW.1	VENDOR DISPLAY: 6'-0" HIGH X 2'-4" WIDE X 12'-0" LONG ACCESSORY WALL.
DE.1	VENDOR PROVIDED DISPLAY (DYSON).
DE.2	VENDOR PROVIDED DISPLAY (DYSON).
DE.3	VENDOR PROVIDED DISPLAY (DYSON).
DRC.1	RACETRACK CART: 2'-0" WIDE X 2'-4" DEEP
DRC.2	RACETRACK CART: 4'-0" WIDE X 2'-4" DEEP
ED.14.48	STANDARD GONDOLA ENDCAP: 5'-0" HIGH FRAME W/ 14" BASE DECK
ED.24.48	STANDARD GONDOLA ENDCAP: 5'-0" HIGH W/ 24" BASE DECK
ENT.2	X
GF.24.60	T-GONDOLA ENDCAP: 5'-0" HIGH W/ NO BASE DECK
GF.48.60	STANDARD GONDOLA ENDCAP: 5'-0" HIGH FRAME ONLY W/ NO BASE DECK
GOOG.1	VENDOR PROVIDED DISPLAY
GOOG.2	VENDOR PROVIDED DISPLAY END CAP: 2'-1" DEEP X 2'-10" HIGH
HC.1	HEET CUSTOMER SERVICE CONSULTATION DESK - 3'-0 1/4" HIGH X 11'-3" LONG X 2'-3" WIDE.
HG.14.60	HALF GONDOLA: 5'-0" HIGH W/ 14" BASE DECK
HG.24.60	HALF GONDOLA: 5'-0" HIGH W/ 24" BASE DECK
HP.1	VENDOR PROVIDED DISPLAY ENDCAP TABLE - 3'-4" HIGH X 3'-4" WIDE X 5'-8" DEEP.
LB.48.60	4860 LOW GONDOLA: 5'-0" HIGH X 4'-0" WIDE X 4'-0" DEEP
MD.1	MONSTER HEADPHONES DISPLAY (VENDOR PROVIDED)
MQD.24.72	STANDARD MARQUEE ENDCAP: 6'-0" HIGH W/ 24" BASE DECK
MQT.24.72	T-GONDOLA MARQUEE ENDCAP: 6'-0" HIGH W/ 14" BASE DECK
PB.1	MICROSOFT PINBALL ENDCAP: 6'-11" HIGH X 4'-0" WIDE X 2'-4" DEEP
PB.2	MICROSOFT PINBALL ENDCAP: 8'-0" HIGH X 3'-11" WIDE X 1'-6" DEEP
POS.4	CONSULTATION / POS STATION: 2'-6" HIGH X 4'-11" LONG X 3'-6" HIGH.
PPMS.1	SPECIALIZED PRODUCT TABLE: 5'-3" HIGH X 3'-6" LONG X 1'-6" WIDE.
PPMS.2	SPECIALIZED PRODUCT TABLE: 2'-11" HIGH X 4'-2" LONG X 3'-6" WIDE.
RS.1	RECYCLING STATION: 2'-8" HIGH X 6'-0" WIDE X 1'-11" DEEP
SNY.2	VENDOR PROVIDED DISPLAY - 5'-6" HIGH X 11'-6" LONG X 3'-9" DEEP.
TBL.10	SPECIALIZED PRODUCT TABLE: 4'-7" HIGH X 3'-9" WIDE X 3'-6" DEEP
TBL.23	VENDOR PROVIDED TABLE 2'-10" HIGH X 7'-10" WIDE X 4'-0" DEEP
TBL.24	MICROSOFT FEATURE TABLE: 3'-2" HIGH X 10'-0" LONG X 4'-0" WIDE W/ ATTACHED SLAT WALL ENDCAP
TBL.25	MICROSOFT SURFACE TABLE
TBL.26	VENDOR PROVIDED TABLE 2'-10" HIGH X 2'-6" WIDE X 5'-11" LONG.
TBN.1	TREASURE BIN DISPLAY
TG.24.60	2460 DOUBLE SIDED LOW GONDOLA: 5'-0" HIGH X 4'-0" WIDE X 2'-0" DEEP W/ NO BASE DECK
TM.19	VENDOR PROVIDED TOTEM - 7'-10" HIGH X 16'-6" WIDE X 1'-0" DEEP. ANCHORED TO FLOOR
WW.2	VENDOR PROVIDED DISPLAY - 7'-10" HIGH X 4'-7" WIDE X 11" DEEP. ANCHORED TO FLOOR

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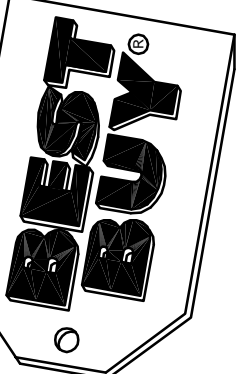
ARCHITECT

SEAL

CONSULTANT

SQ. FT. CALCS
RETAIL: 51,140 SF
OFFICES: 2,069 SF
STORAGE/REMAINING: 4,212 SF
INSTALL: 999 SF
TOTAL: 58,420 SF

CONCEPT: 45K C5
CONCEPT DATE: XX.XX.XX
G.O. -21 FIXTURE REL. XX.XX.XX
G.O. -13 FINAL REL. XX.XX.XX
PROTOTYPE DATE: XX.XX.XX
STORE NUMBER: 0110



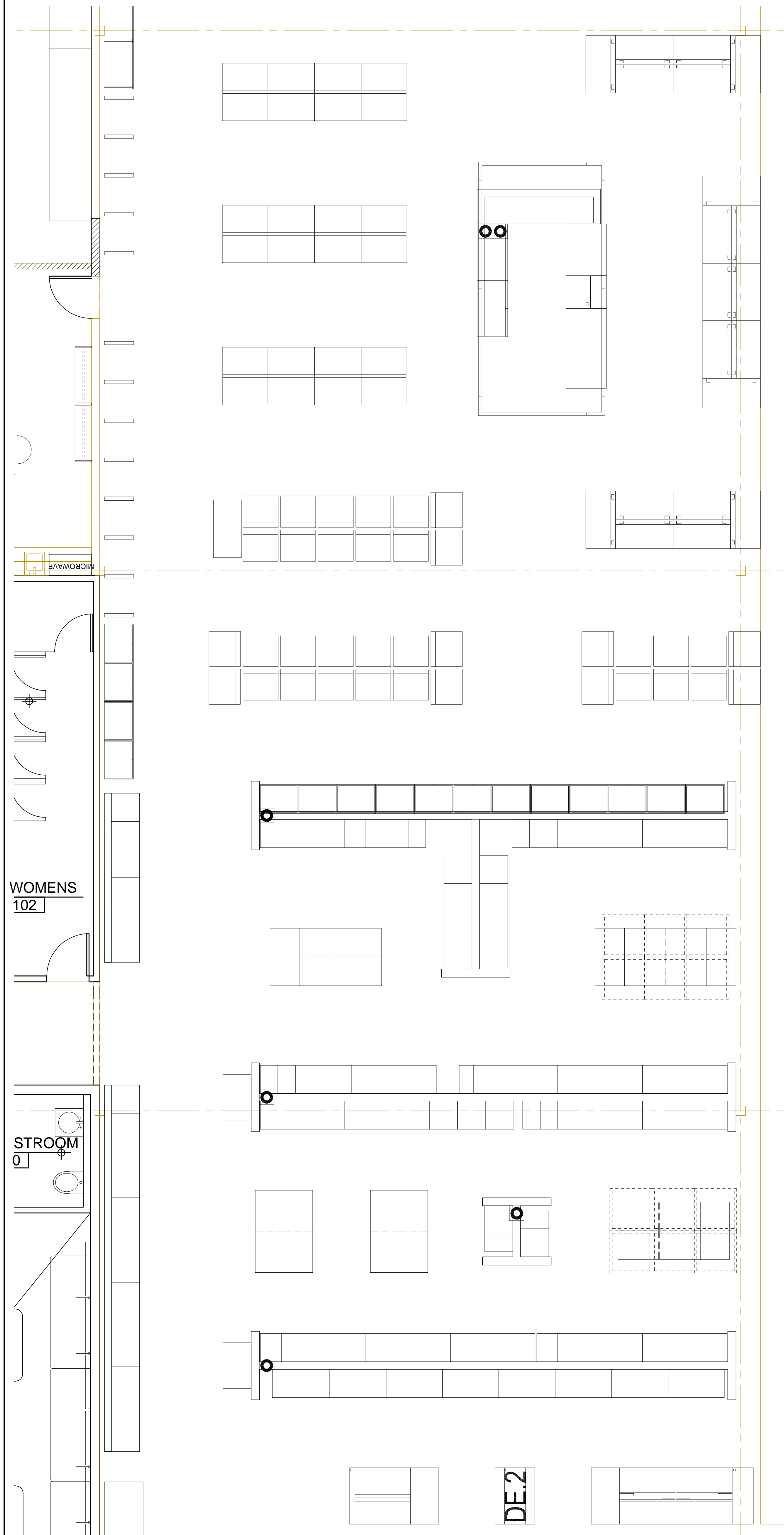
3900 TYLER STREET,
RIVERSIDE, CA

BID/PERMIT SET
12/12/14

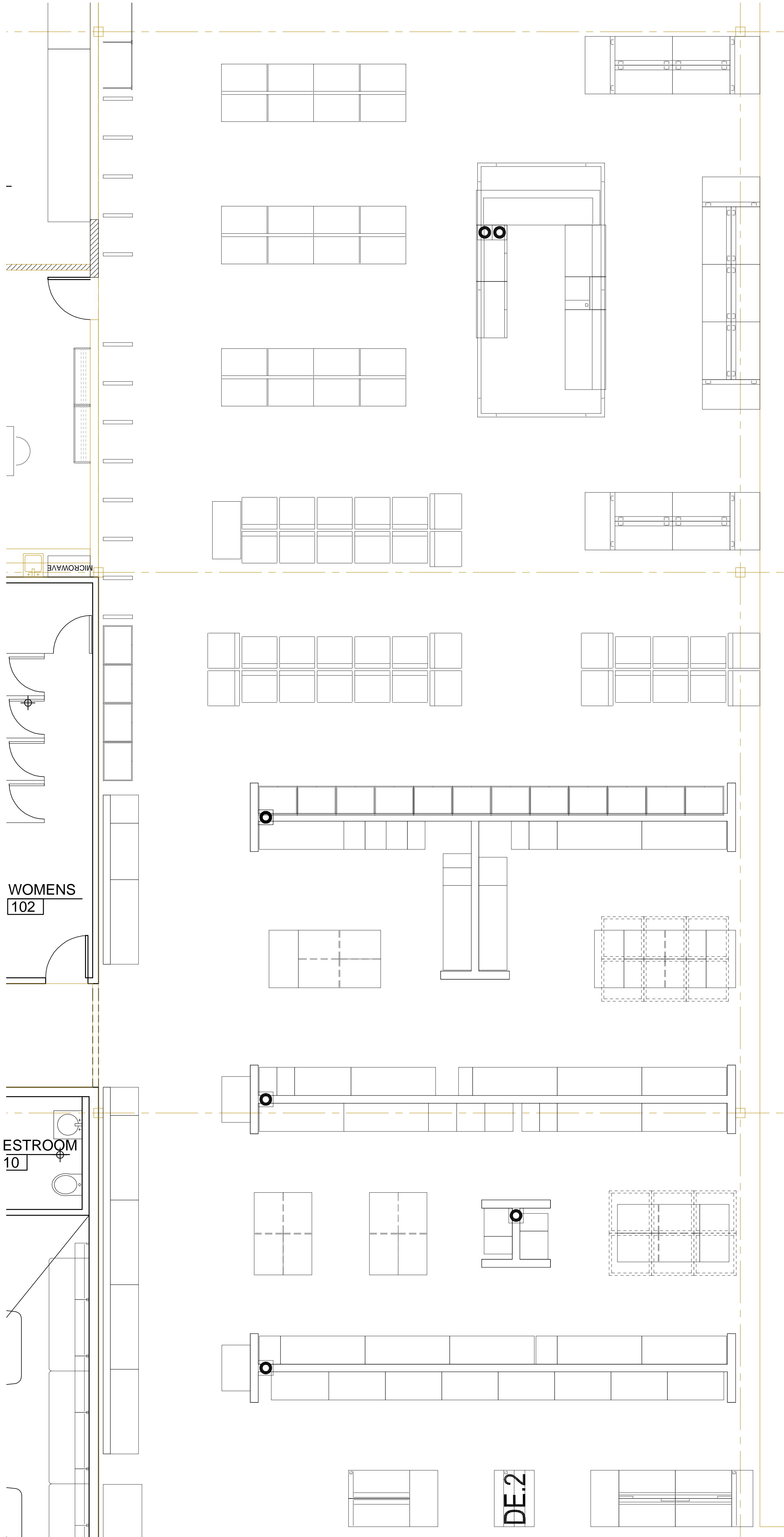
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SCALE:
3/32" = 1'-0"
FIXTURE PLAN

F-1



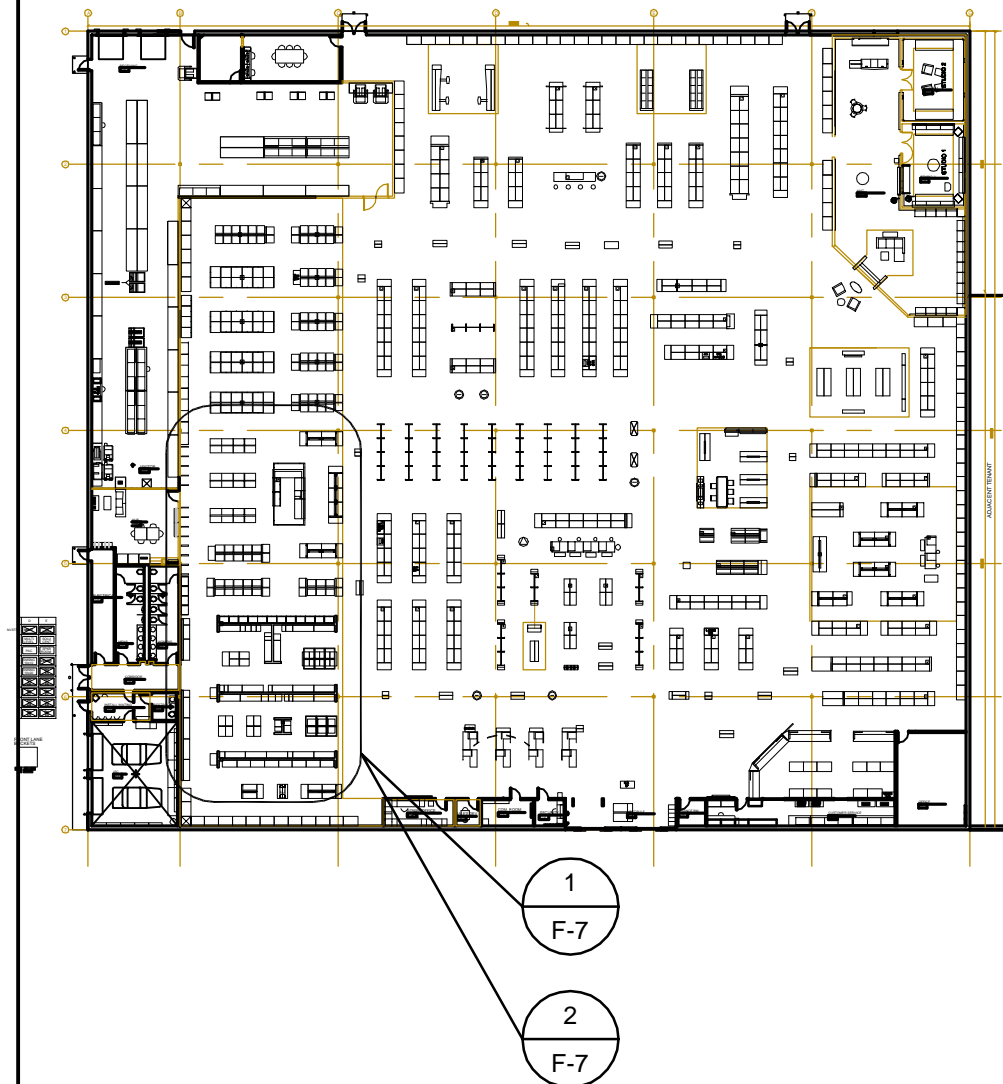
1 OVERHEAD SIGNAGE PLAN
SCALE: 1/4" = 1'-0"



2 CABINET PLAN
SCALE: 1/4" = 1'-0"

GENERAL NOTES

1. ARCHITECT TO COORDINATE LOCATION OF CABINETS FROM THIS PLAN.
2. ELECTRICAL REQUIREMENTS ARE PRODUCT SPECIFIC. SEE PRODUCT/POWER LIST PROVIDED BY PAC SALES.
3. ELECTRICAL ENGINEER TO COORDINATE LOCATION OF ELECTRICAL FROM THIS CABINET PLAN.



Key Plan

SCALE: N.T.S.

CABINET KEY AND NOTES

AB-XX ## x ## x ##	AB = APPLIANCE BOX (CABINET CONTAINS APPLIANCE PRODUCT) XX = outside width of cabinet ## x ## x ## = CABINET WIDTH x DEPTH x HEIGHT (IN INCHES)
UPC ## x ## x ##	UPC = UPPER CABINET ## x ## x ## = CABINET WIDTH x DEPTH x HEIGHT (IN INCHES)
LC ## x ## x ##	LC = LOWER CABINET WITH COUNTER TOP ## x ## x ## = CABINET WIDTH x DEPTH x HEIGHT (IN INCHES)
LCD ## x ## x ##	LCD = LOWER CABINET WITH DISHWASHER AND COUNTER TOP ## x ## x ## = CABINET WIDTH x DEPTH x HEIGHT (IN INCHES)
SFT ## x ## x ##	SFT = SOFFIT CABINET ## x ## x ## = CABINET WIDTH x DEPTH x HEIGHT (IN INCHES)
SIR-UPC ## x ## x ##	SIR-UPC = SLIDE IN RANGE, UPPER CABINET ## x ## x ## = CABINET WIDTH x DEPTH x HEIGHT (IN INCHES)

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ARCHITECT

SEAL

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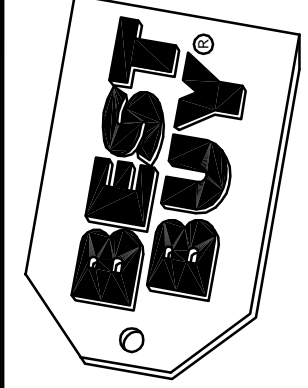
CONCEPT DATE: XX.XX.XX

G.O. -21 FIXTURE REL. XX.XX.XX

G.O. -13 FINAL REL. XX.XX.XX

PROTOTYPE DATE: XX.XX.XX

STORE NUMBER: 0110



3900 TYLER STREET,
RIVERSIDE, CA

OWNER

BID/PERMIT SET
12/12/14

LOCATION

DATE

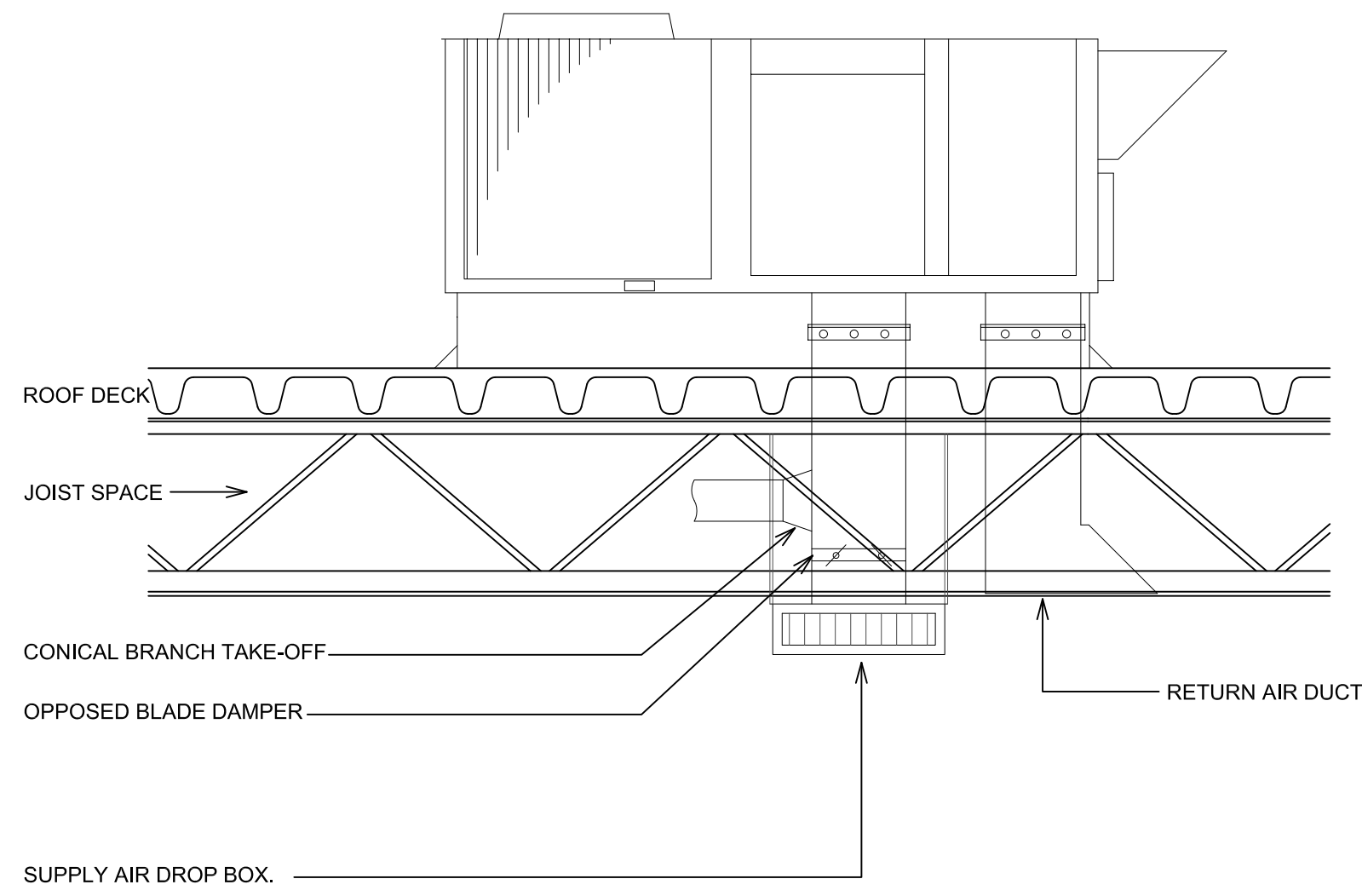
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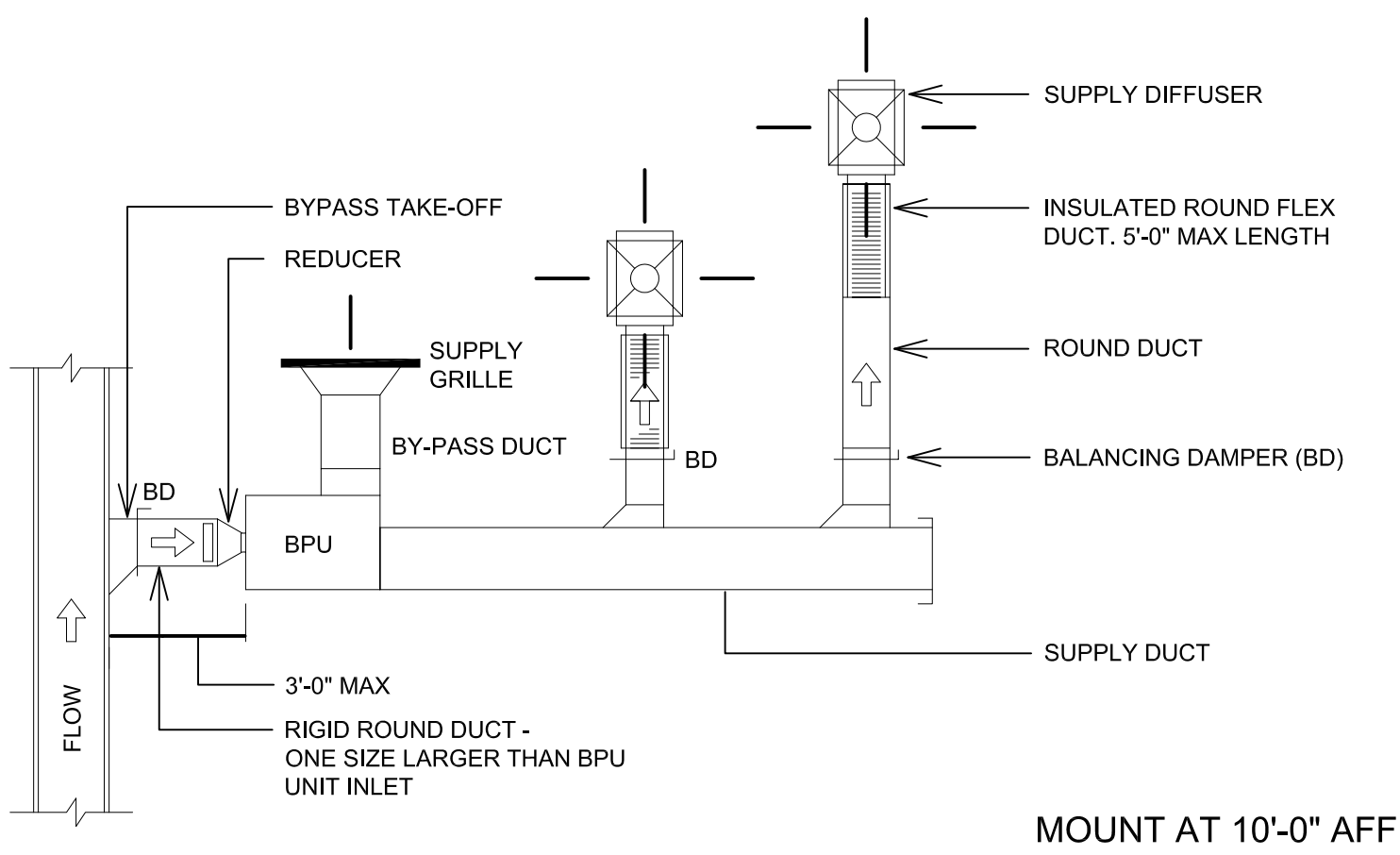
PAC SALES
CABINET
PLAN

F-7

SHEET



2 SUPPLY DROP BOX W/ TAKE-OFF
SCALE: N.T.S.

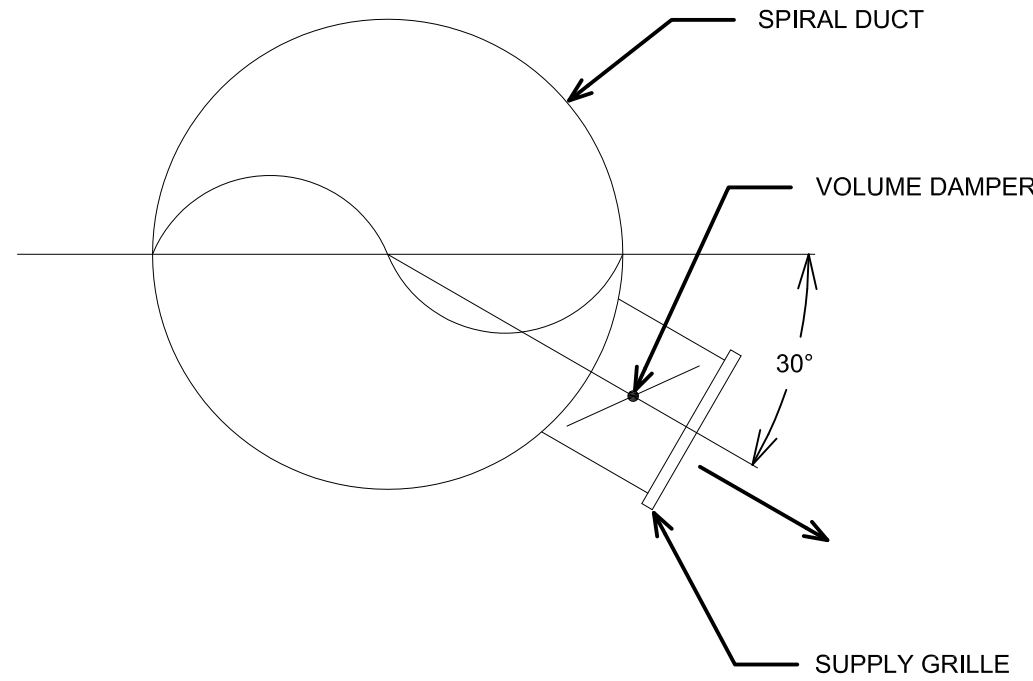


4 BY-PASS UNIT
SCALE: N.T.S.

CMS MECHANICAL SERVICE
TO PROGRAM ALL NEW
HVAC EQUIPMENT WITHIN
THE EMS. SEE SHEET
M5.0 FOR CONTACT
INFORMATION.

BY-PASS UNITS											
GENERAL		MECHANICAL								ELECTRICAL	
EQUIP. NO.	LOCATION	UNIT SIZE (IN DIA)	CFM		MANUF.	MODEL NO.	WEIGHT (LBS)	MECHANICAL NOTES	ACCESSORY/ OPTIONS	HP OR LOAD	VOLTAGE & PHASE
			MIN.	MAX.							
BP-1	HUB	8	300	900	KRUEGER	KLB	25	1,2,3,4	A,B	0.1	120/1
MECHANICAL NOTES						ACCESSORY OPTIONS					
1. UNITS SHALL BE FURNISHED BY M.C.						A. 24V TRANSFORMER					
2. INSTALL PER DETAIL 4/M1.0.						B. FIELD INSTALLED VV-551 CONTROLLER					
3. M.C. SHALL PROVIDE ALL CONTROL WIRING.											
4. INSTALLATION AND ALL ASSOCIATED CONTROL WORK IS BY THE MECHANICAL CONTRACTOR.											

DIFFUSER, GRILLE & REGISTER SCHEDULE								
EQUIP. LETTER	SERVICE	MOUNTING TYPE	DESCRIPTION	ACCESSORIES	FINISH	MANUF.	MODEL NO.	MECH. NOTES
A	SUPPLY	LAY-IN	24"x24"	A.	WHITE	TITUS	TMS	1,7
B	SUPPLY	SURFACE	24"x24"	A.	WHITE	TITUS	TMS	1.
D	RETURN/EXHAUST	LAY-IN	SIZE PER PLAN	-	WHITE	TITUS	50F	1,2
G	TRANSFER/ RETURN	SURFACE	SIZE PER PLAN	-	WHITE	TITUS	350RL	1,3
H	SUPPLY	SURFACE	SIZE PER PLAN	A	WHITE	TITUS	300RL	1,8
L	SUPPLY	SURFACE	2.5" WIDE SLOT LINEAR TAPE-IN	B,C	WHITE	TITUS	FL-25-HT	1,4,5
M	RETURN	SURFACE	2.5" WIDE SLOT LINEAR TAPE-IN	B,C	WHITE	TITUS	FL-25-HT	1,4,5
N	SUPPLY	SURFACE	LINEAR, 48"	-	WHITE	TITUS	CT-481	1,5,6
O	SUPPLY	DUCT	24" ROUND	A	WHITE	TITUS	TMR	1
<div>MECH. NOTES</div> <div>1. APPROVED EQUAL: TUTTLE BAILEY, CARNES, PRICE</div> <div>2. ALUMINUM CORE WITH 1/2"X 1/2" SQUARES</div> <div>3. 35 FIXED DEFLECTION, 3/4" SPACING</div> <div>4. 48" LENGTH</div> <div>5. PAINT TO MATCH CEILING THAT IT IS LOCATED IN.</div> <div>6. REFER TO DETAIL 3/M2.2 FOR MORE INFORMATION.</div> <div>7. DIFFUSERS IN THE SALES GALLERY SHALL BE HARD DUCTED, AS INDICATED ON THE PLANS.</div> <div>8. DOUBLE DEFLECTION, FRONT BLADES PARALLEL TO LONG DIMENSION, ALL BLADES ADJUSTABLE, 3/4" SPACING.</div> <div>ACCESSORIES</div> <div>A. OPPOSED BLADE DAMPER</div> <div>B. PROVIDE FIELD FABRICATED PLENUM BOX</div> <div>C. BORDER TYPE 22 AND END CAPS</div>								

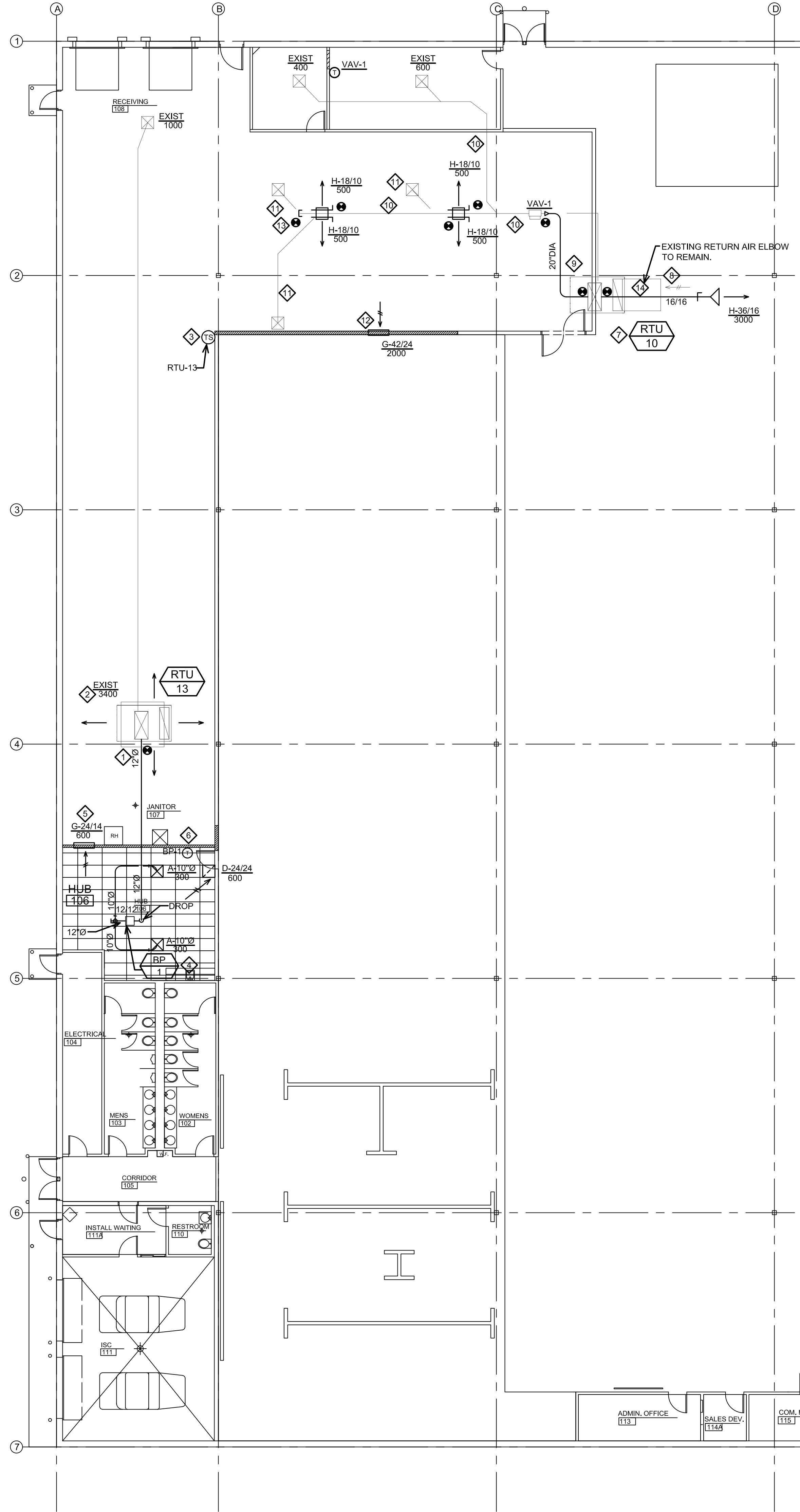


3 SUPPLY GRILLE CONNECTION (30°)
SCALE: N.T.S.

EXISTING ROOFTOP UNIT SCHEDULE						
GENERAL		MECHANICAL			ELECTRICAL	
EQUIP. NO.	VINTAGE	CFM TOTAL	O.A.	MANUF.	MODEL NO.	VOLTAGE & PHASE
EXISTING RTU-10	1995	6000	1330	TRANE	WCD180	480/3
EXISTING RTU-13	1995	5000	1330	TRANE	WCD150	480/3

KEYED NOTES:

- CONNECT NEW 12" DIA ROUND DUCT TO EXISTING SUPPLY AIR DUCT DROP. VERIFY IF THERE IS A VOLUME DAMPER IN THE EXISTING SUPPLY AIR DUCT DROP UP STREAM OF THE EXISTING DROP BOX DIFFUSER PER DETAIL THIS SHEET. IF NOT, TEMPORARILY REMOVE EXISTING DROP BOX DIFFUSER TO INSTALL VOLUME DAMPER IN THE SUPPLY AIR DUCT FOR BALANCING AS REQUIRED. REPLACE DROP BOX DIFFUSER.
- REBALANCE DROP BOX DIFFUSER TO AIRFLOW SHOWN
- REUSE AND RELOCATE EXISTING TEMPERATURE SENSOR TO THIS LOCATION MOUNT AT SAME ELEVATION AS WAS EXISTING. M.C. TO EXTEND WIRE AND CONDUIT AS REQUIRED.
- CONTRACTOR SHALL ALLOW BP-1 BYPASS TO DISCHARGE DIRECTLY INTO PLENUM SPACE IF THUMBWHEEL T-STAT SIGNALS ROOM CONDITION IS SATISFIED. MOUNT BY-PASS UNIT AT 10'-0" AFF.
- PROVIDE 24/14 TRANSFER AIR OPENING IN WALL AS HIGH AS POSSIBLE. MOUNT RETURN AIR TRANSFER GRILLE ON STOCK SIDE OF WALL.
- MOUNT T-STAT ON WALL AT 5'-0" AFF
- REMOVE EXISTING DROP BOX DIFFUSER. MODIFY SUPPLY DUCT DROP AS REQUIRED TO ACCOMMODATE DUCTWORK DISTRIBUTION.
- EXISTING RETURN AIR ELBOW TO REMAIN. IF RA ELBOW IS NOT EXISTING PROVIDE NEW. PROVIDE FULL SIZE RETURN AIR ELBOW. BOTTOM OF ELBOW SHALL BE FLUSH WITH BOTTOM CORD OF JOIST. EXTEND 48". PROVIDE 2" BRD SCREEN AT THE END OF THE DUCT.
- VERIFY EXISTING DUCT CONFIGURATION IN FIELD. IF EXISTING 20" DIAMETER DUCT RUNNING PARALLEL WITH NEW WALL. CONFLICTS WITH NEW WALL. REMOVE AND REPLACE WITH NEW DUCTWORK SHOWN.
- IF NOT ALREADY TIGHT TO STRUCTURE, RAISE EXISTING VAV BOX AND ALL EXISTING DUCTWORK SHOWN TO BE REUSED AS HIGH AS POSSIBLE. EXTEND BRANCH DUCTWORK AS REQUIRED TO RECONNECT DUCT TO EXISTING DIFFUSERS IN SUPPORT ROOMS. MAKE FINAL CONTROL CONTROL CONNECTION TO VAV BOX AS REQUIRED.
- REMOVE EXISTING BRANCH DUCTWORK AND DIFFUSER. PATCH TRUNK AS REQUIRED.
- PROVIDE 42/24 TRANSFER AIR OPENING IN WALL AS HIGH AS POSSIBLE. MOUNT RETURN AIR TRANSFER GRILLE ON STOCK SIDE OF WALL. CAP EXISTING DUCT AS REQUIRED.
- CONNECT NEW 16"X 16" SUPPLY AIR DUCT TO EXISTING DUCT DROP. PROVIDE DUCT MOUNTED DIFFUSER AS SHOWN.



1 PARTIAL HVAC FLOOR PLAN
3/32" = 1'-0"

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Dunham Associates of Minnesota, Inc.
10000 Highway 100
Minneapolis, Minnesota 55425-1540
Phone: 612.465.7550 Fax: 612.465.7551
mechanical & electrical consulting engineering

PROJECT#: 415752-050

SO. FT. CALCS

RETAIL: 51,140 SF

OFFICE: 2,069 SF

STORAGE/REMAINING: 4,212 SF

INSTALL: 999 SF

TOTAL: 58,420 SF

CONCEPT: 45K C5

CONCEPT DATE: XX.XX.XX

G.O. -21 FUTURE REL. XX.XX.XX

G.O. -13 FINAL REL. XX.XX.XX

PROTOTYPE DATE: XX.XX.XX

STORE NUMBER: 0110

BEST BUY

3900 TYLER STREET,
RIVERSIDE, CA

BID/PERMIT SET
12/12/14

REV DATE

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△

△

△

HVAC
FLOOR PLAN

M1.0

SHEET

CONSULTANT

OWNER

LOCATION

DATE

REVISIONS

ARCHITECT

SEAL

SYMBOLS LEGEND
<p>(A) 18-22C 18 GAUGE TWISTED PLENUM RATED CABLE</p> <p>(J) LON COMPATIBLE 22GA TWISTED PAIR CATEGORY 4 CABLE</p> <p>(SD) DUCT SMOKE DETECTORS AND ASSOCIATED RELAYS TO BE FURNISHED BY FIRE ALARM CONTRACTOR AND INSTALLED BY DIVISION 15, IN ACCORDANCE WITH FIRE ALARM CODES AND FIRE MARSHALL REQUIREMENTS. POWER AND CONTROL WIRING SHALL BE FURNISHED AND INSTALLED BY THE ELECTRICAL CONTRACTOR.</p> <p>(TS) SPACE TEMPERATURE SENSOR SHALL BE MOUNTED WHERE SHOWN ON MECHANICAL DRAWINGS. REFER TO MECHANICAL DRAWINGS.</p> <p>(T) THERMOSTAT</p>
GENERAL NOTES
<p>1. ALL WORK SHALL CONFORM WITH THE LOCAL, STATE AND NATIONAL ELECTRICAL CODES. MECHANICAL CONTRACTOR SHALL PAY FOR ALL INSPECTIONS AND PERMITS.</p> <p>2. ALL WIRING AND/OR CONDUIT SHALL BE CONCEALED UNLESS OTHERWISE SHOWN.</p> <p>3. ELECTRICAL CONTRACTOR SHALL PROVIDE ALL CONDUIT.</p> <p>4. MECHANICAL CONTRACTOR IS RESPONSIBLE FOR ALL EMS TERMINATIONS.</p> <p>5. MECHANICAL CONTRACTOR SHALL LABEL ALL WIRES AND CABLES ON BOTH ENDS.</p> <p>6. IN THE EVENT A PIECE OF HVAC EQUIPMENT IS DISCONNECTED FROM THE EMS SYSTEM, IT IS THE RESPONSIBILITY OF THE MECHANICAL CONTRACTOR TO SPLICE TOGETHER THE COMMUNICATION WIRE, PROVIDE ALL COMPONENTS NECESSARY TO ASSURE ALL EQUIPMENT WITHIN THE COMMUNICATION LOOP WILL FUNCTION PROPERLY THROUGH THE EMS SYSTEM. ALL WIRE, CONDUIT AND COMPONENTS SHALL BE CONTAINED WITHIN THE BEST BUY SPACE.</p> <p>7. MECHANICAL CONTRACTOR SHALL HIRE CMS MECHANICAL SERVICE OF MELBOURNE, FL TO PROGRAM AND COMMISSION ALL NEW HVAC EQUIPMENT ON THE EXISTING TRANE EMS. CONTACT JOSH LIFTAC AT (800) 382-3150 FOR PRICING AND SCHEDULING.</p>
KEY NOTES:
<p>◇ ELECTRICAL CONTRACTOR SHALL PROVIDE CONDUIT AND M.C. SHALL WIRE COMPLETE.</p> <p>◇ EXISTING EQUIPMENT.</p> <p>◇ MECHANICAL CONTRACTOR SHALL FURNISH, INSTALL AND WIRE COMPLETE.</p> <p>◇ ELECTRICAL CONTRACTOR SHALL PROVIDE 3/4" EMPTY CONDUIT BETWEEN HVAC EQUIPMENT ON ALL NON-PAN JOIST CEILINGS FOR THE INSTALLATION OF THE LOW VOLTAGE CABLE. THE ELECTRICAL CONTRACTOR SHALL VERIFY THE CEILING CONSTRUCTION WITH THE ARCHITECTURAL DRAWINGS BEFORE BIDDING ON THIS WORK.</p>

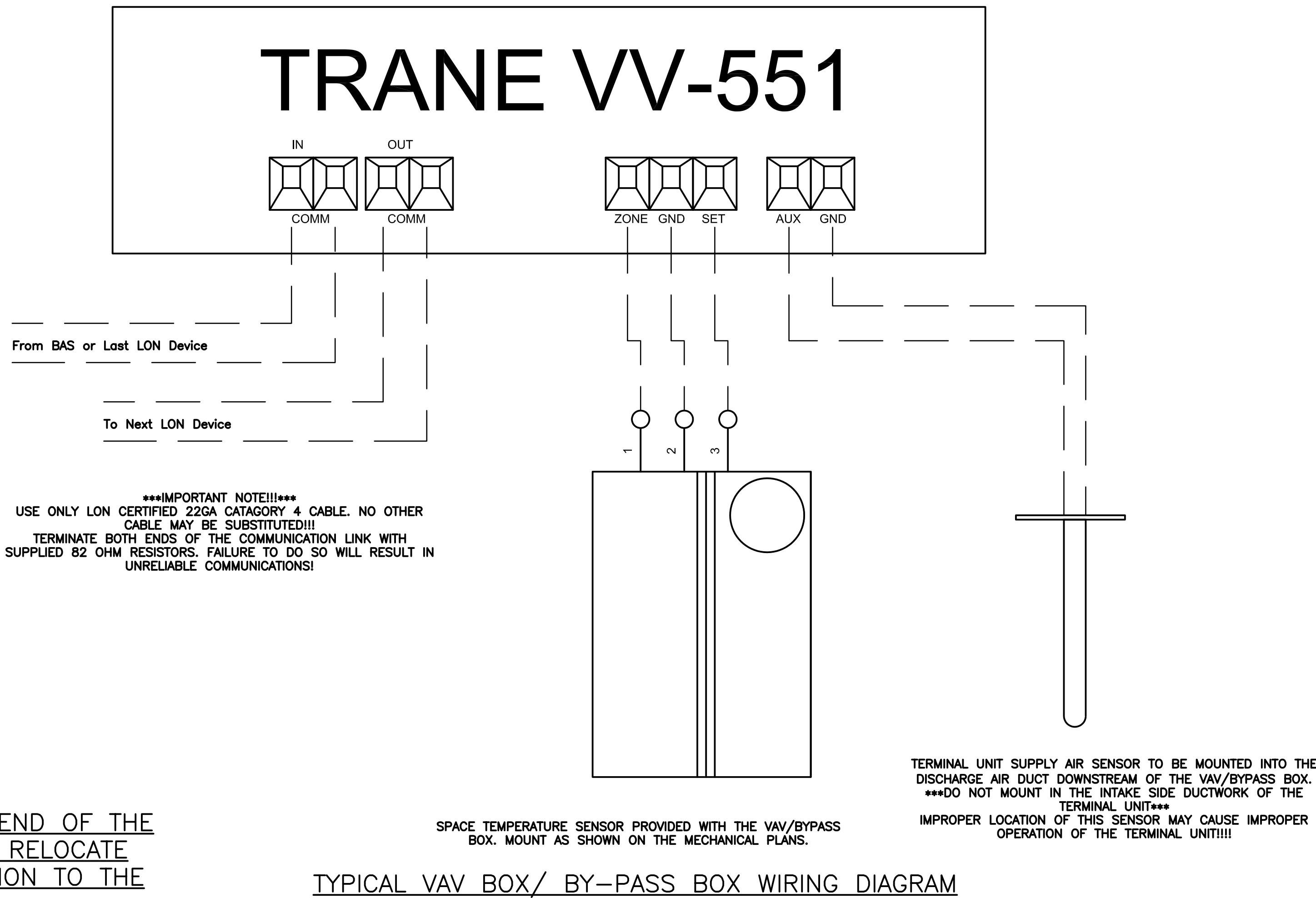
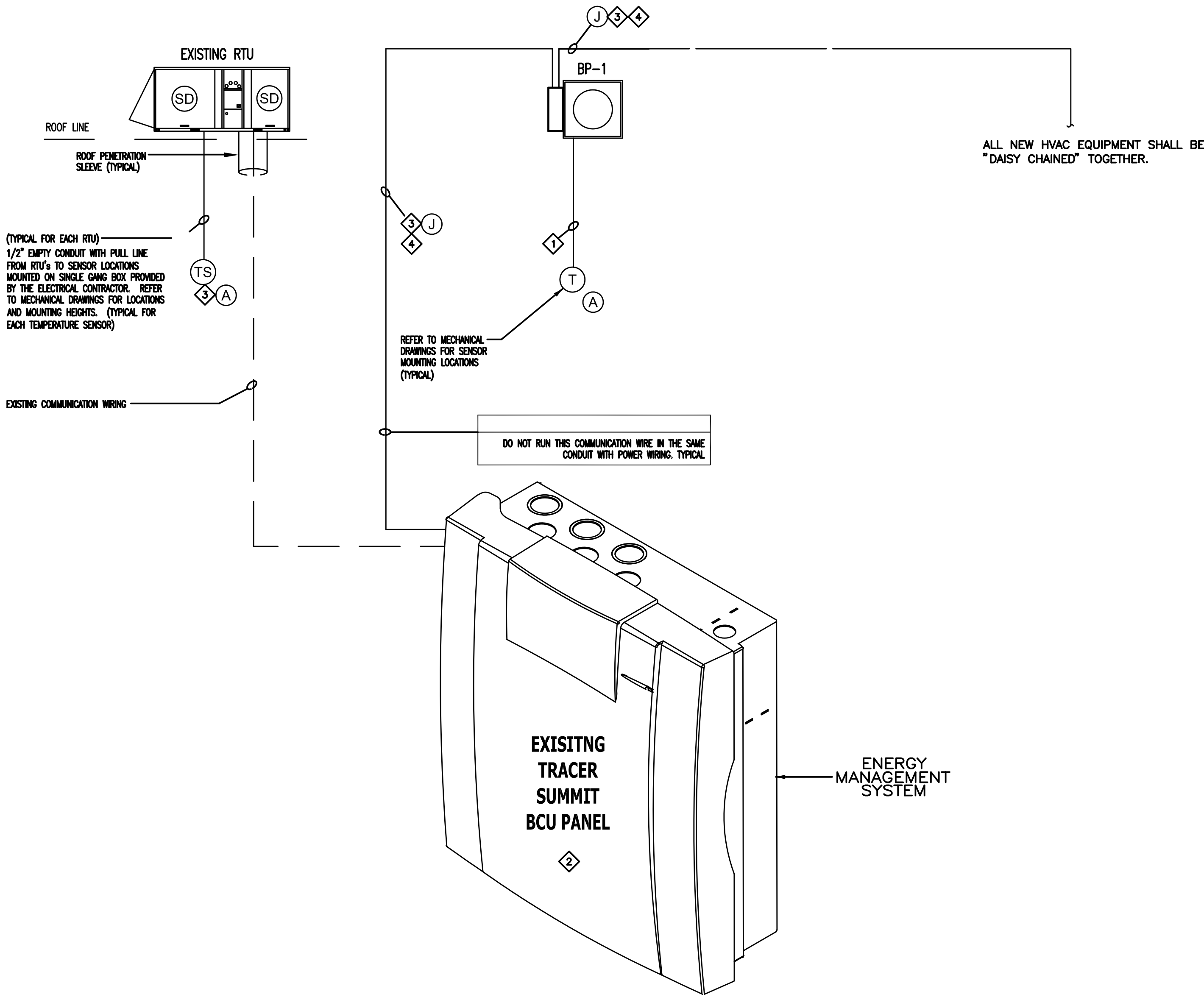
<p>⚠ WARNING</p> <p>HAZARDOUS VOLTAGE!</p> <p>DISCONNECT ALL ELECTRIC POWER INCLUDING RESIDENT DISCONNECTS BEFORE SERVING.</p> <p>FAILURE TO DISCONNECT POWER BEFORE SERVING CAN CAUSE SEVERE PERSONAL INJURY OR DEATH.</p>	<p>⚠ CAUTION</p> <p>USE COPPER CONDUCTORS ONLY!</p> <p>UNIT TERMINALS ARE NOT DESIGNED TO ACCEPT OTHER TYPES OF CONDUCTORS.</p> <p>FAILURE TO DO SO MAY CAUSE DAMAGE TO THE EQUIPMENT.</p>
--	---

<p>NOTE: ELECTRICAL CONTRACTOR</p> <p>IF REQUIRED BY THE AUTHORITY HAVING JURISDICTION THE ELECTRICAL CONTRACTOR SHALL PROVIDE CONDUIT OR PLENUM RATED CABLE WHICH SHALL BE INCLUDED IN THE BID TO THE OWNER.</p>

NOTE: THERE IS NO EMS CONTRACTOR ASSIGNED TO THIS PROJECT. ALL HVAC CONTROL WORK SHALL BE COMPLETED BY THE MECHANICAL CONTRACTOR. ANY NOTE WITHIN THE ENTIRE SET OF CONSTRUCTION DOCUMENTS AND SPECIFICATIONS REFERRING TO "EMS CONTRACTOR" SHALL BE INCLUDED WITHIN THE MECHANICAL CONTRACTORS SCOPE OF WORK

NOTE FOR MECHANICAL CONTRACTOR

IT SHALL BE THE RESPONSIBILITY OF THE MECHANICAL CONTRACTOR TO START UP THE HVAC EQUIPMENT, PUT THEM THROUGH THE TEST MODES AND ASSURE PROPER WORKING ORDER AND INTEGRATION WITH THE EMS SYSTEM.

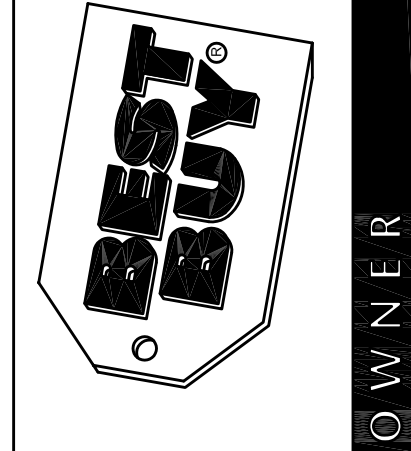


TYPICAL VAV BOX/ BY-PASS BOX WIRING DIAGRAM

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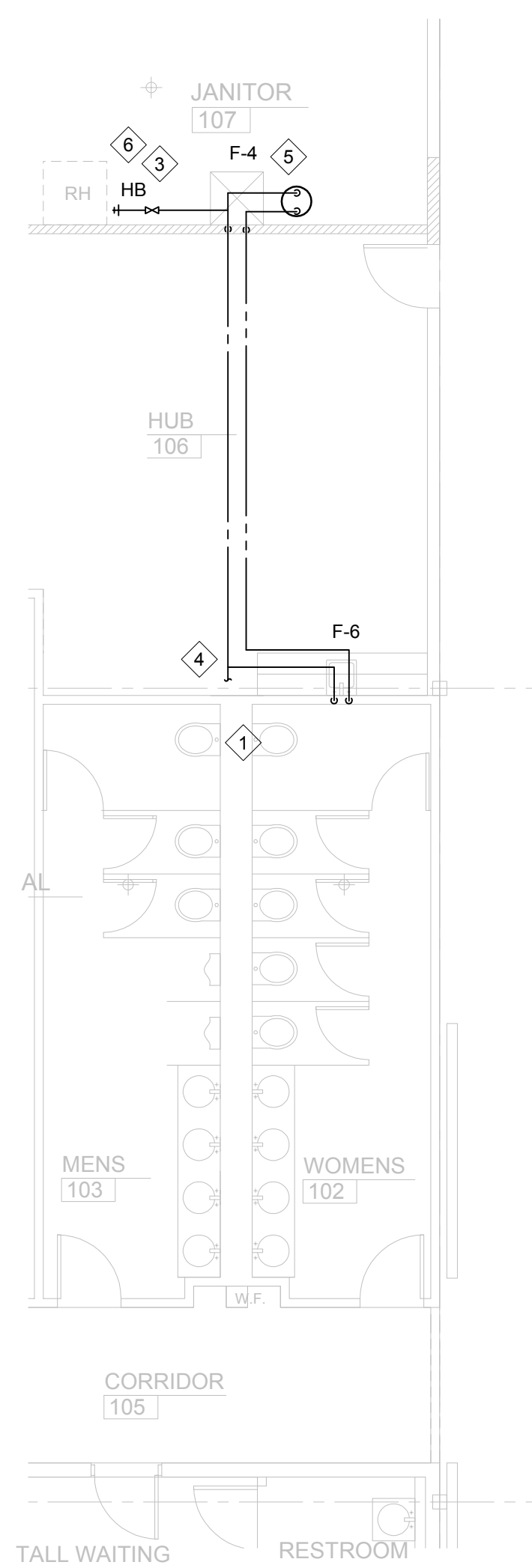
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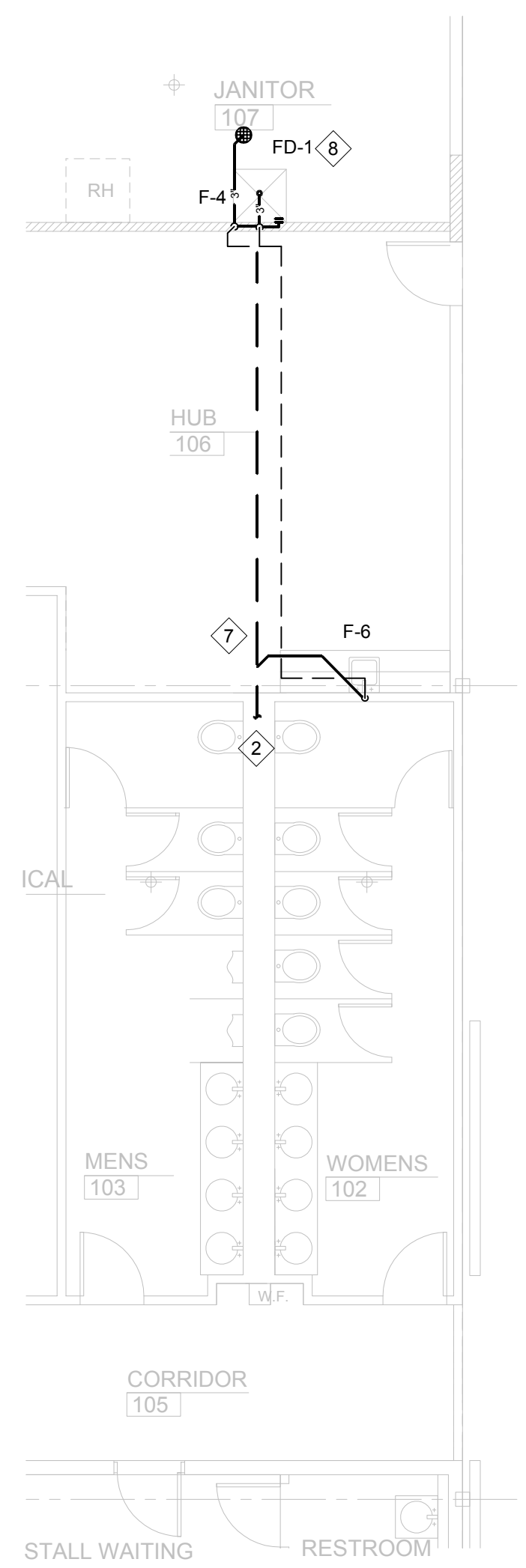
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EMS
DETAILS

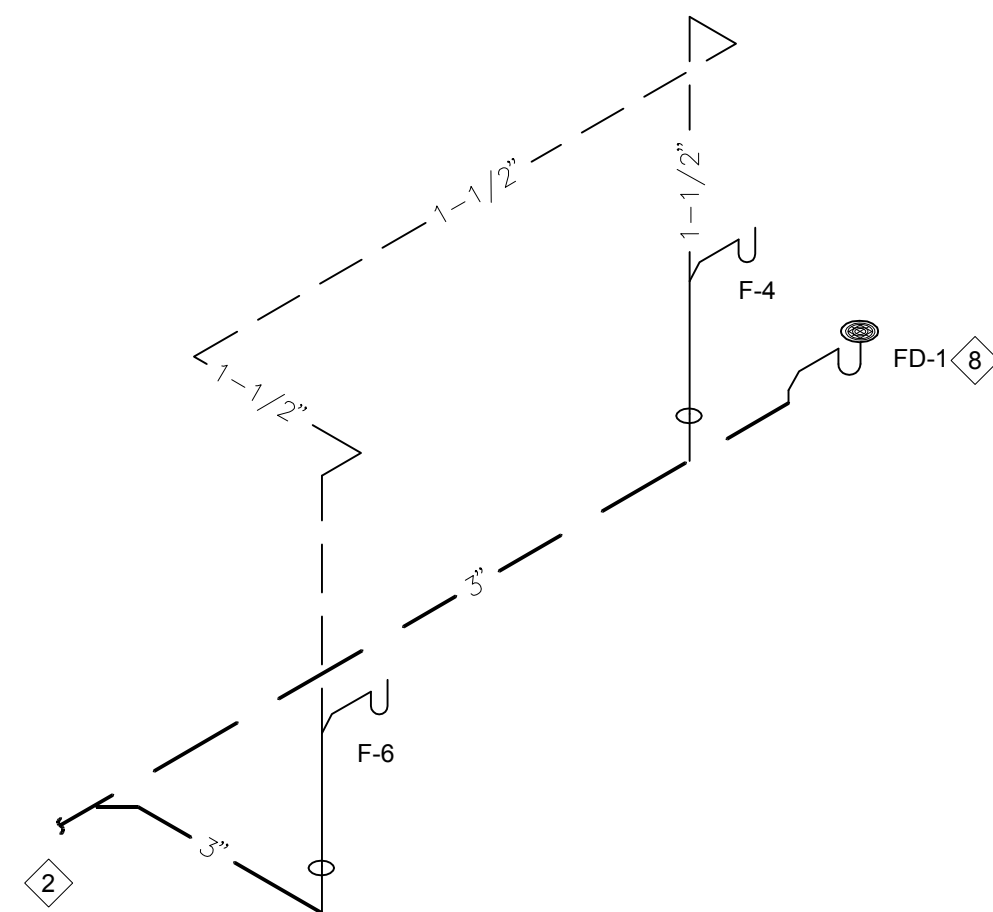
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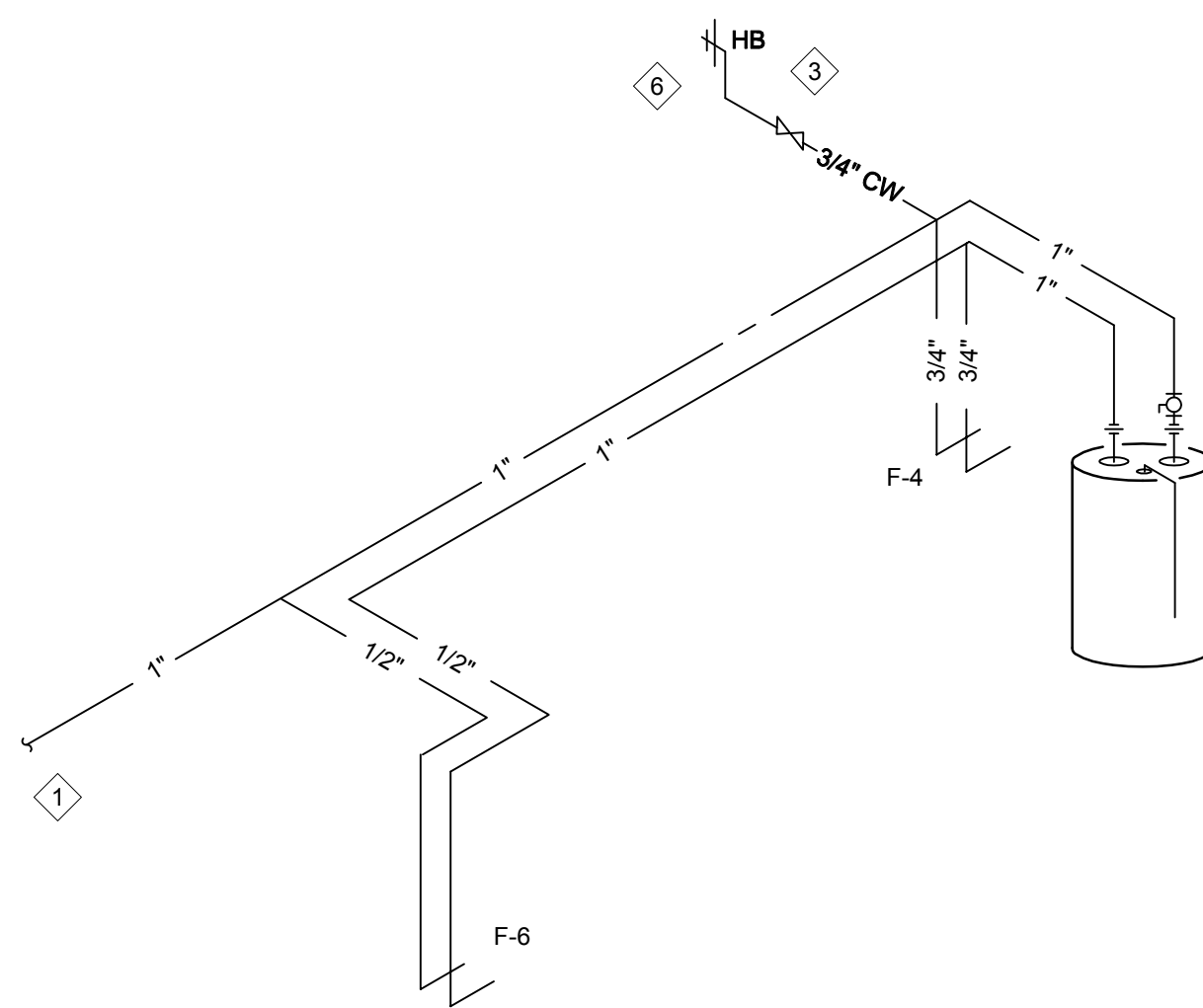
1 DOMESTIC WATER PARTIAL PLAN



3 WASTE AND VENT PARTIAL PLAN



























2 ISC AREA WASTE AND VENT PARTIAL PLAN



4 ISC AREA DOMESTIC WATER & WASTE AND VENT PARTIAL PLANS

LEGEND

PLUMBING/PIPING	
	ELBOW DOWN
	CLEANOUT
	PIPE CAP
	ELBOW UP
	TEE, OUTLET UP
	TEE, OUTLET DOWN
	CONNECTION, BOTTOM
	CONNECTION, TOP
	CHECK VALVE
	SHUTOFF VALVE
	PRESSURE RELIEF/SAFETY VALVE (SETTING AS NOTED, PSI)
	BALL VALVE
	BACKFLOW PREVENTER
	PIPE UNION
	ELBOW
	TEE
	FLOOR CLEANOUT
	WALL CLEANOUT
PLUMBING	
	DOMESTIC COLD WATER
	DOMESTIC HOT WATER
	180° HOT WATER
	SANITARY VENT - ABOVE GRADE
	SANITARY WASTE - BELOW GRADE
	EXISTING PLUMBING TO REMAIN

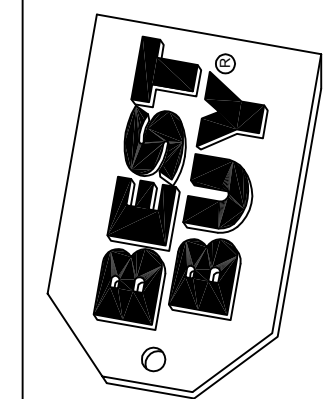
PLUMBING KEYED NOTES:

1. CONNECT NEW 3/4" COLD WATER PIPE TO EXISTING PIPE. VERIFY LOCATION AND DATE.
2. CONNECT NEW 4" SANITARY PIPE TO EXISTING. VERIFY LOCATION ON SITE.
3. HOSE BIBB HUNG NEXT TO ROOF HATCH AT BOTTOM OF JOISTS. SECURE TO JOIST.
4. REMOVE EXISTING MOP SINK. PREPARE FOR CONNECTION TO NEW PIPING.
5. MOVE EXISTING WATER HEATER TO NEW LOCATION AS SHOWN.
6. REMOVE EXISTING HOSE BIBB. CAP PIPING AT MAIN.
7. REMOVE FLOOR DRAIN. CAP PIPING AT MAIN.
8. INSTALL NEW FLOOR DRAIN. VERIFY LOCATION ON SITE.

PLUMBING FIXTURE SCHEDULE															
FIXTURE NO.	TYPE	QUANTITY	WASTE (IN)	WASTE FU (EACH)	WASTE FU (TOTAL)	VENT (IN)	CW (IN)	HW (IN)	TEMPERED WATER (DEG)	WATER FU (EACH)	WATER FU (TOTAL)	TRIM	MANUF.	MODEL NO.	MECH. NOTES
F-4	SERVICE MOP SINK - MOLDED STONE, 24"x24"x10", WITH CAST BRASS DRAIN BODY, SS STRAINER & LINE BASKET	1	3"	2	2	1-1/2"	3/4"	3/4"	-	3	3	FAUCET - FIAT 830-AA CHROME PLATED FAUCET w/VACUUM BREAKER, INTEGRAL STOPS, ADJ. WALL BRACE, PAIL HOOK & 3/4" HOSE THREADED SPOUT.	FIAT PRODUCTS FLORESTONE	MSB2424 MSR 2424	PROVIDE FIAT 832-AA 30" LONG 5/8" FLEX RUBBER HOSE, & FIAT 889-CC SS MOP HANGER.
F-6	SINGLE COMPARTMENT STAINLESS STEEL SINK	1	1-1/2"	2	2	1-1/2"	1/2"	1/2"	-	2	3	DRAIN - ELKAY LK-18 FAUCET - ELKAY LK-800, ZURN Z-63184	ELKAY DAYTON JUST	GECR2521 GE-12521 SL-ADA-Z122-A-GR	-
HB	HOSE BIBB WITH VACUUM BREAKER	1	-	-	X	NA	3/4"	NA	-	3	3	VACUUM BREAKER	WOODFORD	16	-
WH-2	EXISTING	X	-	-	X	NA	3/4"	NA	-	3	X	EXISTING	EXISTING	EXISTING	-
FD-1	FLOOR DRAIN	1	-	2	2	1-1/2"	NA	NA	-	NA	X		SIoux CHIEF	832-36PNO (TOILET ROOMS ONLY)	ADJUSTABLE AFTER POUR SCHEDULE 40 HUB CONNECTION FLOOR DRAIN WITH BASE ADAPTER, CORING SLEEVE, HEAD ADAPTER
FIXTURE UNIT COLUMN TOTALS					6						9				

PROJECT#: 415752-050	
SQ. FT. CALCS	
RETAIL:	51,140 SF
OFFICES:	2,069 SF
STORAGE/REMAINING:	4,212 SF
INSTALL:	999 SF
TOTAL:	58,420 SF

CONCEPT:	45K C5
CONCEPT DATE:	XX.XX.XX
G.O. -21 FUTURE REL.	XX.XX.XX
G.O. -13 FINAL REL.	XX.XX.XX
PROTOTYPE DATE:	XX.XX.XX
STORE NUMBER:	0110



**3900 TYLER STREET,
RIVERSIDE, CA**

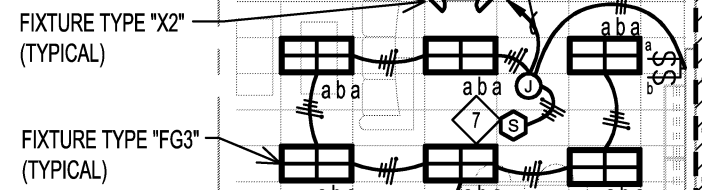
BID/PERMIT SET
12/12/14

REV	DATE
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ENLARGED
PLUMBING
PLANS AND
DETAILS

P1.0

GENERAL NOTES	
1	SUBSTITUTION OF LAMPS FOR THE LIGHTING PACKAGE MUST BE MADE IN ACCORDANCE WITH THE LEED MERCURY CREDIT AND CUT SHEETS, PROVING COMPLIANCE SHALL BE SENT TO THE ENGINEER FOR REVIEW BEFORE PURCHASING.
2	MATCH EXISTING MOUNTING HEIGHTS
KEY NOTES	
1	NO SUBSTITUTION OF LIGHT FIXTURES SHALL BE ALLOWED. NO EXCEPTIONS.
2	ELECTRICAL CONTRACTOR SHALL PROVIDE CONDUIT AND WIRE IF MODULAR FLEX WIRING IS NOT ALLOWED BY THE AUTHORITY HAVING JURISDICTION AND INCLUDE IN YOUR BID.
3	THE ELECTRICAL CONTRACTOR SHALL FURNISH LIGHT FIXTURES, LAMPS AND MISCELLANEOUS HARDWARE, INCLUDING FLEXIBLE MODULAR WIRING SYSTEMS.



FIXTURE TYPE "X3"
(TYPICAL)

DEVICES, JUNCTION BOXES SHALL BE RECESSED AND CONDUITS AND WIRING CONCEALED UNLESS OTHERWISE APPROVED BY BEST BUY. NO EXCEPTIONS.

10. **TRUNK RACEWAYS:** ELECTRICAL DOTS & BOXES AND EXPOSED LOW VOLTAGE WIRE SHALL BE RUN TRUE, PLUMB, SQUARE TO THE BUILDING TRIGHT WRAPPED OR FASTENED TO STRUCTURE. LOW VOLTAGE RUNS OR EXPOSED WIRE MUST BE HIDDEN FROM VIEW AND TIE WRAPPED TO THE STRUCTURE WITH WHITE STRAPS. THE WRAPS MUST BE UNIFORMLY SPACED WITH ENOUGH WRAPS TO PREVENT WIRE FROM MOVING. UNLESS OTHERWISE SPECIFIED, ALL ELECTRICAL TRUNK RACEWAYS ARE TO BE UNPAINTED.

11. **ELECTRICAL BOXES ON OPPOSITE SIDES OF FIRE RATED WALL SHALL BE SEPARATED BY A MINIMUM OF 24".**

12. **USE PLUMB RACEWAY CABLE, CONDUIT, BOXES, ETC. IN ALL PLUMB WALLS AND CEILINGS. ALL PENTRATIONS IN FIRE RATED WALLS ARE TO BE RECESSED.**

13. **IN RUN ELECTRICAL EQUIPMENT, CONDUIT AND WIRING ABOVE BOTTOM OF JOISTS AND NOT TO THE DECK OR ABOVE COORDINATE THIS WORK WITH OTHER TRADES BEFORE PROCEEDING.**

14. **ALL ELECTRICAL TRUNK RACEWAYS, CONDUITS, AND WIRING RATINGS OR RER OR RELOCATED LIGHTS, SIGNS, COMPACTORS, RUDITE, EXHAUST FANS, MOTORS, ETC. TO AVOID ANY DAMAGE TO EQUIPMENT WHEN ENERGIZED. IT WILL BE THE SOLE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR TO REPAIR OR REPLACE ANY EQUIPMENT DAMAGED BY BEING CONNECTED TO THE WRONG CABLE AT AN COST TO BEST BUY.**

15. **BRANCH CIRCUIT CONDUCTORS SHALL BE IDENTIFIED AT JUNCTIONS, DEVICES, SPLICES AND TERMINATIONS. WHEN A NEUTRAL CONDUCTOR IS REQUIRED, THE NEUTRAL CONDUCTOR SHALL BE IDENTIFIED WITH CORRESPONDING PHASE CONDUCTOR WHICH FORMS THE BRANCH CIRCUIT.**

16. **HOMERUNS SHALL BE 1/2" MINIMUM CONDUIT SIZE UNLESS OTHERWISE NOTED.**

17. **REFER TO SHEET 4.0 ELECTRICAL DETAILS FOR ADDITIONAL INFORMATION.**

18. **ALL MISLabeled WIRING AND CONNECTIONS TO THE BUILDING SHALL BE IDENTIFIED AS TO THE LOCATION OF THE STORE. NO EXCEPTIONS.**

19. **LIGHT FIXTURES SHALL BE INSTALLED BY THE ELECTRICAL CONTRACTOR.**

20. **DO NOT SCALE FROM THIS PLAN. COORDINATE DIMENSIONS WITH ARCHITECTURAL PLANS.**

21. **DO NOT SCALE FROM THIS PLAN. COORDINATE DIMENSIONS WITH ARCHITECTURAL PLANS.**

22. **HORNSTROBES, EXIT LIGHTS, EMERGENCY LIGHTS, WITH INTERIOR LIGHTS FOR SIGNS ETC. SHALL NOT BE INSTALLED IN GLASS PANES, BUT IN GLASS PARTITIONS OR WALLS. COORDINATE WITH INTERIOR DESIGNER FOR SIGN GRAPHICS, ARCHITECTURAL SHEETS AND FIXTURE PLANS. NO EXCEPTIONS.**

23. **ADDITIONAL EMERGENCY BATTERY LIGHTING HOURS: EMERGENCY BATTERY CUPS, OR ADJUTS THAT ARE REQUIRED BY THE BUILDING DEPARTMENT FOR THIS BUILDING. THE BUILDING DEPARTMENT WILL PROVIDE THE ELECTRICAL CONTRACTOR WITH THE GENERAL CONTRACTOR TO PROVIDE FIRE-RESISTANT ENCLOSURE FOR RECESSED LIGHT FIXTURES IN FIRE RATED CORRIDORS. SEE ARCHITECTURAL DETAILS.**

24. **IN VENTURES USED ON SUSPENDED CEILING PERC SHALL BE SUPPORTED INDEPENDENTLY OF THE CEILING GRID, BUT SHALL NOT EXEMPT SECURING OF FIXTURES TO CEILING GRID PER NC.**

25. **WHERE UNGROUNDED CONDUCTORS ARE INCREASED IN SIZE. EQUIPMENT GROUND CONDUCTORS, WHERE INSTALLED, SHALL BE INCREASED TO BE PROPORTIONATE TO CIRCULAR MILS OF THE UNGROUNDED CONDUCTOR.**

26. **PROVIDE UNSHUNTED CONDUIT TO EMERGENCY AND EGRESS LIGHT FIXTURES.**

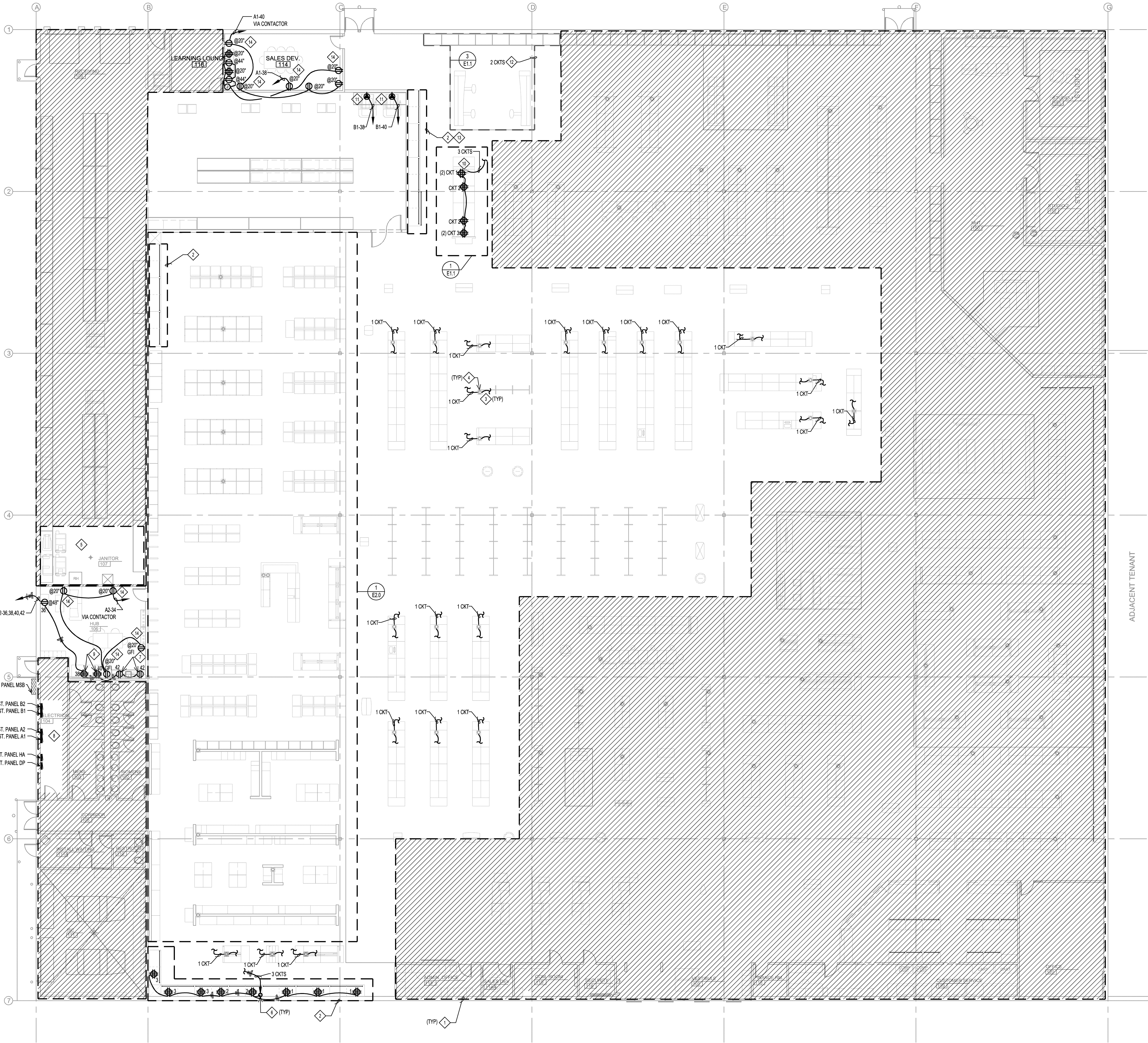
4	ALL LIGHTING IN HATCHED AREA IS EXISTING TO REMAIN UNLESS NOTED OTHERWISE. MAINTAIN EXISTING CONNECTIONS AND CONTROLS.
5	EMERGENCY/EXIT LIGHTING IS EXISTING TO REMAIN UNLESS NOTED OTHERWISE. MAINTAIN EXISTING CONNECTIONS. CONTRACTOR TO TEST FUNCTIONALITY OF EXISTING EMERGENCY LIGHTING. PROVIDE UNIT PRICING TO REPLACE DAMAGED OR DEFECTIVE UNITS.
6	COORDINATE EXACT LIGHT FIXTURE LOCATION PRIOR TO ROUGH-IN WITH EXISTING CEILING CONDITIONS TO AVOID ANY WIRING AND MODULAR CONFLICTS.
7	EXTEND MODULAR WIRING CONNECTION TO EXISTING HIGH BAY LIGHTING FIXTURE CIRCUIT AND CONTROLS NEARBY: DO NOT LOAD LIGHTING CIRCUIT MORE THAN 80% RATED AMPERAGE PER BREAKER SIZE.
8	LINE TYPE INDICATES MODULAR WIRING SYSTEM. EC TO MATCH EXISTING MODULAR WIRING SYSTEM AS SHOWN FOR NEW 2X4 HIGH BAY LIGHTING FIXTURES.
9	PROVIDE UNSWITCHED CIRCUIT FOR EMERGENCY BATTERY PACKS AS REQUIRED.
10	PROVIDE OCCUPANCY SENSORS TO CONTROL ROOM LIGHTING AS SHOWN ON THE DRAWINGS. SEE DETAIL 46.4 FOR ROOMS WITH DUAL SWITCHING. MOOD OCCUPANCY SENSOR IN ROOM LOCATION AS RECOMMENDED BY MANUFACTURER FOR OPTIMAL PERFORMANCE. PROVIDE SENSOR SWITCH TYPE ICMR-PT-9 FOR CEILING MOUNTED TYPES AND TYPE #WS0D-PT-GY FOR WALL MOUNTED TYPES.
11	RECEIVING ROOM IS BEING DOWNSIZED IN THIS AREA. E.C. IS TO REUSE AND RELOCATE LIGHTING FIXTURES AND CIRCUITS IN THIS AREA AS REQUIRED.
12	E.C. TO VERIFY EMS SYSTEMS TO PROVIDE INTERFACE MODULES AND PROGRAMMING TO COMPLY WITH TITLE 24 REQUIREMENTS INCLUDING BUT NOT LIMITED TO DIMMING DEMAND RESPONSE.

ALL LIGHTING TO BE PURCHASED THROUGH VILLA LIGHTING
UNLESS NOTED OTHERWISE. NO EXCEPTIONS.

VILLA LIGHTING
1-800-325-0963

WHIP LENGTH AND TYPE IS LEFT UNSPECIFIED. CONTRACTOR IS RESPONSIBLE FOR ORDERING PROPER WHIP LENGTH AND TYPE BASED ON SITE SPECIFIC CONDITIONS. PRIOR TO ORDERING FIXTURES COORDINATE EXISTING MODULAR WIRING TYPE WITH MIKE MEDEIROS @ ACS (MODULAR SYSTEM MANUFACTURER) TO ASSURE PROPER WHIPS ARE ORDERED FOR EXISTING SYSTEM. PROVIDE ADDITIONAL MODULAR COMPONENTS AS REQUIRED FOR A COMPLETE INSTALLATION
MIKE MEDEIROS - (877) 242-6668





1 ELECTRICAL POWER PLAN
3/32" = 1'-0"

CIRCUIT QUANTITIES

SALES FLOOR CIRCUITS ARE EXISTING IN CEILING. E.C TO FIELD VERIFY EXACT CIRCUIT LOCATIONS IN CEILING AND REDISTRIBUTE AS SHOWN UNLESS NOTED OTHERWISE.

NOTE TO CONTRACTOR

CONTRACTOR TO RE-USE EXISTING FIXTURE LEVEL AMPINERGY FLEXIBLE WIRING SYSTEM. TURN OVER ANY UNUSED AMPINERGY PRODUCTS TO BEST BUY. MAXIMUM OF 10 DUPLEXES OR EQUIVALENT ALLOWED ON A CIRCUIT.

DEMOLITION NOTE

CONTRACTOR TO MAXIMIZE RE-USE OF ALL EXISTING CIRCUITS. MAINTAIN EXISTING CIRCUITS WHEREVER POSSIBLE AND REDISTRIBUTE AS SHOWN ON DRAWINGS. LABEL ANY UNUSED CIRCUITS FOR FUTURE USE AND MARK LOCATION ON ASBUILT DRAWINGS.

GENERAL NOTES

- DEVICES AND JUNCTION BOXES SHALL BE RECESSED AND CONDUITS AND WIRES CONCEALED UNLESS OTHERWISE APPROVED BY BEST BUY.
- CONDUITS, RACEWAYS, ELECTRICAL DUCTS & BOXES AND EXPOSED LOW VOLTAGE WIRE SHALL BE RUN TRUE, PLUMB AND SQUARE TO THE BUILDING AND TIGHTLY WRAPPED OR FASTENED TO STRUCTURE. LOW VOLTAGE RUNS OR EXPOSED WIRE MUST BE HIDDEN FROM VIEW AND TIE WRAPPED TO THE STRUCTURE WITH WHITE WRAPS. TIE WRAPS MUST BE UNIFORMLY SPACED WITH ENOUGH WRAPS TO PREVENT WIRE FROM SAGGING. UNDER NO CIRCUMSTANCES CAN EXPOSED WIRE BE RUN IN FREE AIR OR DIAGONALLY.
- ELECTRICAL BOXES ON OPPOSITE SIDES OF FIRE RATED WALL SHALL BE SEPARATED BY A MINIMUM OF 24".
- USE PLENUM RATED CABLE, CONDUIT, BOXES, ETC. IN AIR PLENUM WALLS AND CEILINGS. ALL PENETRATIONS OF FIRE RATED WALLS ARE TO BE COMPLETELY FIRE SEALED.
- RUN ELECTRICAL EQUIPMENT, CONDUIT AND WIRING ABOVE BOTTOM OF JOISTS AND AS TIGHT TO THE DECK AS POSSIBLE. COORDINATE THIS WORK WITH OTHER TRADES BEFORE PROCEEDING.
- THE ELECTRICAL CONTRACTOR SHALL VERIFY VOLTAGE RATINGS OF NEW OR RELOCATED LIGHTS, SIGNS, COMPACTORS, RTUS, EXHAUST FANS, MOTORS, ETC. TO AVOID ANY DAMAGE TO EQUIPMENT WHEN ENERGIZED. IT WILL BE THE SOLE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR TO REPAIR OR REPLACE ANY EQUIPMENT DAMAGED BY BEING CONNECTED TO THE WRONG VOLTAGE AT NO COST TO BEST BUY.
- BRANCH CIRCUIT CONDUCTORS SHALL BE IDENTIFIED AT JUNCTIONS, DEVICES, SPLICES AND TERMINATIONS. WHEN A NEUTRAL CONDUCTOR IS REQUIRED, THE NEUTRAL CONDUCTOR SHALL BE IDENTIFIED WITH CORRESPONDING PHASE CONDUCTOR WHICH FORMS THE BRANCH CIRCUIT.
- HOMEPLUGS SHALL BE 12" MINIMUM CONDUIT SIZE UNLESS OTHERWISE NOTED.
- ISOLATED GROUND CIRCUIT MUST HAVE A SEPARATE GROUNDING WIRE AS A DEDICATED GROUND (NOT NEUTRAL). ALL GROUND WIRES SHALL BE CONNECTED TO A COMMON ISOLATED GROUND BUS AT THE PANELBOARD.
- SEE & LOW VOLTAGE, FOR ADDITIONAL CONDUIT REQUIREMENTS FOR BEST BUY.
- OUTLET HEIGHTS WILL BE TO CENTER OF OUTLET, UNLESS OTHERWISE NOTED.
- DO NOT SCALE FROM THIS PLAN.
- COORDINATE ALL CONDUIT AND BOX INSTALLATIONS ON COLUMNS WITH GENERAL CONTRACTOR BEFORE ROUGH-IN.
- ALL RECEPTACLES SHALL BE 20 AMP, UNLESS OTHERWISE NOTED.
- DOORS TO ELECTRICAL ROOMS SHALL BE SIGNED AS SUCH "ELECTRICAL ROOM" ELECTRICAL CONTRACTOR TO PROVIDE ENGRAVED BLACK NAME PLATE WITH WHITE LETTERS. NO EXCEPTIONS.
- IF PVC UNDERGROUND CONDUIT IS NOT ALLOWED BY AUTHORITY HAVING JURISDICTION PROVIDE RIGID GALVANIZED STEEL CONDUIT AND GROUND AS REQUIRED.
- WHERE UNGROUNDED CONDUCTORS ARE INCREASED IN SIZE, EQUIPMENT GROUND CONDUCTORS, WHERE INSTALLED, SHALL BE INCREASED IN SIZE PROPORTIONATELY ACCORDING TO CIRCULAR MIL AREA OF THE UNGROUNDED CONDUCTORS.
- ALL CONDUITS SHALL BE A MINIMUM OF 3" BELOW THE SLAB WITH GROUND COVER.
- PROVIDE BRUSHED STAINLESS STEEL WALL COVER PLATES.
- CONTRACTOR TO ACCOUNT FOR VOLTAGE DROP WHEN PROVIDING NEW OR REUSING EXISTING BRANCH CIRCUITING. VOLTAGE DROP TO BE BASED ON LOADS SHOWN IN PANEL SCHEDULES.
- CONTRACTOR TO VERIFY CIRCUITS ARE UNSWITCHED VIA EMS PRIOR TO RE-USE FOR GONDOLA POWER. ONLY UNSWITCHED CIRCUITS MAY BE RE-USED FOR GONDOLA POWER.
- EXISTING FLOOR BOXES IN PAC SALES, MAGNOLIA DESIGN CENTERS, AND VENDOR PADS TO BE REMOVED AND FILLED IN. ANY FLOOR BOXES WHERE POWER IS INTERRUPTED BY REMOVAL OF BOXES IN FOREMENTIONED AREAS SHALL ALSO BE REMOVED AND FILLED IN. TURN OVER ANY SALVAGEABLE FLOOR BOX COMPONENTS TO BEST BUY FOR RE-USE ON DAMAGED FLOOR BOXES THAT ARE EXISTING TO REMAIN. PROVIDE MULTIPOLAR BREAKER OR HANDLE TIE ON AT ALL SHARED NEUTRAL CIRCUITS.

KEYED NOTES

- ELECTRICAL HATCHED AREA IS EXISTING TO REMAIN. MAINTAIN EXISTING CONNECTIONS UNLESS OTHERWISE NOTED.
- REUSE EXISTING VALANCE LIGHTING AND RECONNECT TO EXISTING VALANCE LIGHTING CIRCUIT. REUSE EXISTING PERIMETER POWER CIRCUITS AND DEVICES UNLESS NOTED OTHERWISE.
- EXISTING SALES FLOOR GONDOLAS BEING REARRANGED IN NOTED AREAS. RE-USE EXISTING FIXTURE LEVEL DEVICES AND RECONNECT TO OVERHEAD FEED AT NEW LOCATION. RE-DISTRIBUTE NEARBY EXISTING OVERHEAD CIRCUITS AND EXTEND TO NEW LOCATION AS REQUIRED. MAINTAIN ACCURATE AS BUILT DRAWINGS.
- FIXTURE EXTENSION FROM JOIST SPACE DOWN TO DISPLAY FIXTURE WITH PULL LINE. SEE DETAIL 4 ON ELECTRICAL DETAILS SHEET E4.0. BEST BUY SPECIFIED FIXTURE EXTENSION SHALL BE FURNISHED AND INSTALLED BY OTHERS. BOND FIXTURE EXTENSION TO BUILDING STEEL.
- RECEIVING ROOM IS BEING DOWNSIZED IN THIS AREA. E.C IS TO REUSE AND RELOCATE POWER CIRCUITS, DEVICES, AND EQUIPMENT IN THIS AREA INCLUDING WATER HEATER ABOVE MOP SINK AS REQUIRED. SEE MECHANICAL/PLUMBING SHEET FOR MORE INFO.
- SURFACE MOUNTED 1" CONDUIT WITH MC CABLE RUN FROM JOIST SPACE DOWN WALL TO JUNCTION BOX MOUNTED ON WALL ABOVE FIXTURE. SEE DETAIL 1E4.0.
- DUPLEX GFI RECEPTACLE (GRAY), MOUNTED 48" A.F.F. TO CENTER UNLESS OTHERWISE NOTED.
- PANELS ARE EXISTING TO REMAIN AND LOCATIONS ARE APPROXIMATE. E.C IS TO VERIFY EXACT LOCATIONS IN FIELD.
- DOUBLE DUPLEX GFI RECEPTACLE (GRAY), MOUNTED 20" A.F.F. TO CENTER UNLESS OTHERWISE NOTED.
- PROVIDE QUADRUPLEYES AS SHOWN IN DOUBLE GANG BOXES FOR WING WALL TELEVISION GONDOLA. SEE DETAILS FOR MORE INFORMATION. PROVIDE HARDWARE CONNECTION IN WING WALL. DO NOT RE-USE AMPINERGY SYSTEM WITHIN THIS FIXTURE.
- TWIST LOCK RECEPTACLE, FLUSH MOUNTED AT 48" A.F.F. FOR PRODUCT LIFT. VERIFY RECEPTACLE CONFIGURATION WITH EQUIPMENT BEFORE INSTALLING. WHEN APPLICABLE, MOUNT IN FIXTURE RACKING AT 48" A.F.F. AND COORDINATE LOCATION WITH FIXTURE INSTALLER. E.C TO INSTALL HUBBELL HBL470 NEMA LS-15R.
- E.C TO PROVIDE 2 CKTS TO VENDOR PADS VIA OVERHEAD FIXTURE EXTENSION.
- TV WALL IS BEING RELOCATED TO NEW LOCATION SHOWN. REUSE AND RECONNECT CIRCUITS AND DEVICES AS REQUIRED UNLESS NOTED OTHERWISE.
- CONTROLLED RECEPTACLE TO BE LABELED PER T-34 REQUIREMENTS.

SYMBOL	DESIGNATION	MTG HT
SWITCHES & CONTROLS		
	SINGLE POLE TOGGLE SWITCH	48"
	DOUBLE POLE TOGGLE SWITCH	48"
	THREE WAY TOGGLE SWITCH	48"
	FOUR WAY TOGGLE SWITCH	48"
	TOGGLE SWITCH - Y INDICATES SWITCHING	48"
	DIMMER SWITCH (W = WATTAGE)	48"
	OCCUPANCY SENSOR - WALL/CGLG MOUNT	12"RC
	OCCUPANCY SENSOR WALL SWITCH	48"
	TIME CLOCK	60"
	CONTACTOR	60"
	RELAY	VERIFY
	ELECTRIC THERMOSTAT	60"
LIGHTING		
	LIGHT FIXTURE ID - REFER TO LT FIXT SCHEDULE (FIXT SCHEDULE OVERRIDES SYMBOL ABBREVIATION)	
	A - INDICATES LIGHT FIXTURE TYPE # - INDICATES CIRCUIT NUMBER S - INDICATES SWITCHING	
	LIGHT FIXTURE CIRCUIT TYPE - NO HATCH INDICATES NORMAL CIRCUIT	
	TROFFER TYPE LIGHT FIXTURE, SIZE AS INDICATED - CEILING MOUNT	
	CHANNEL OR INDUSTRIAL LENGTH AS INDICATED	
	DOWNLIGHT CLG FIXT. RECESSED OR SURFACE MNT	VERIFY
	LINEAR WALL MOUNT FIXT. LENGTH AS INDICATED	VERIFY
	UNDER CABINET FIXTURE, LENGTH AS INDICATED	
	TRACK FIXTURE, NUMBER OF HEADS AS INDICATED	
	EMERGENCY BATTERY LIGHT - WALL/CGLG MNT	VERIFY
	EXIT LIGHT, FILLED QUADRANT INDICATES FACES - WALL/CGLG MOUNT	
POWER		
	BRANCH CIRCUIT PANEL	VERIFY
	EMERGENCY PANEL	VERIFY
	DISTRIBUTION PANEL OR SWITCHBOARD	VERIFY
	TRANSFORMER	VERIFY
	MOTOR OR MOTOR CONNECTION	VERIFY
	DISCONNECT SWITCH	VERIFY
	DUPLEX RECEPTACLE - WALL/CEILING MOUNT	20"
	QUADRUPLE RECEPTACLE - WALL MOUNT	20"
	SPECIAL PURPOSE RECEPTACLE - WALL/CGLG MNT	VERIFY
	KEY NOTE	VERIFY

SYMBOL	DESIGNATION
ELECTRICAL ABBREVIATIONS	
APCI	ARC FAULT CIRCUIT INTERRUPTER
AFF	ABOVE FINISHED FLOOR
ANU	AIR HANDLING UNIT
BBY	BEST BUY
C	CONDUIT
CKT	CIRCUIT
CU	COPPER
EC	ELECTRICAL CONTRACTOR
EM	EMERGENCY
EMT	ELECTRICAL METALLIC TUBING
FA	FIRE ALARM
FACP	FIRE ALARM CONTROL PANEL
GFI	GROUND FAULT INTERRUPTER
GND	GROUND
IG	ISOLATED GROUND
JBOX	JUNCTION BOX
KV	KILOVOLT
KVA	KILOVOLT-AMP
KW	KILOWATT
MC	MOMENTARY CONTACT
NEC	NATIONAL ELECTRICAL CODE
PH	PHASE
PNL	PANEL
RECEPT	RECEPTACLE
REFR	REFRIGERATOR
RTU	ROOF TOP UNIT
SW	SWITCH
SPKR	SPEAKER
TSTAT	THERMOSTAT
TYP	TYPICAL
UH	UNIT HEATER
VA	VOLT-AMP
WP	WEATHERPROOF
XFMR	TRANSFORMER
NOTE: REFER TO MOTOR AND EQUIPMENT SCHEDULES FOR ADDITIONAL MOTOR ABBREVIATIONS.	
RACEWAYS	
	CONDUIT AS DESCRIBED ON DRAWINGS AND SPECIFICATIONS
	MODULAR WIRING
	CATS CABLE
	0-10V CONTROL WIRING
	UNDERGROUND CONDUITS
	CONDUIT WITH BUSHED END
	CONDUIT WITH BREAK OR CONTINUATION
	CIRCUIT HOME RUN
	L1 INDICATES PANEL
	NUMBERS INDICATE CIRCUITS
	CONDUCTOR COUNT - UNLESS NOTED OTHERWISE
	SHORT HASH INDICATES #12 LINE
	LONG HASH INDICATES #10 NEUTRAL
	HASH W DOT INDICATES #12 GROUND
	JUNCTION BOX - WALL/CEILING MOUNT

Abdul Salehi, Architect
REL 949-707-3348 FAX 714-864-3327
14711 DARTMOUTH CIRCLE, DARTMOUTH, CA 92780

DUNHAM
Dunham Associates of Minnesota, Inc.
10000 Hennepin Avenue, Suite 1100
Minneapolis, Minnesota 55426-1540
Phone: 612.665.1550 Fax: 612.665.1551
www.dunhaminc.com

PROJECT#: 415752-050

SO. FT. CALCS	
TOTAL:	51,140 SF
OFFICES:	2,069 SF
STORAGE/REMANUFACTURING:	4,212 SF
INSTALL:	999 SF
TOTAL:	58,420 SF

CONCEPT: 45K C5

CONCEPT DATE: XX.XX.XX

G.O. -21 FIXTURE REL: XX.XX.XX

G.O. -13 FINAL REL: XX.XX.XX

PROTOTYPE DATE: XX.XX.XX

STOCK NUMBER: 0110

BEST BUY

3900 TYLER STREET,
RIVERSIDE, CA

BID/PERMIT SET
12/12/14

REV	DATE
△	
△	
△	
△	
△	
△	

ELECTRICAL
LIGHTING PLAN

E1.0

ARCHITECT
SEAL
CONSULTANT
OWNER
LOCATION
DATE
REVISIONS
SHEET

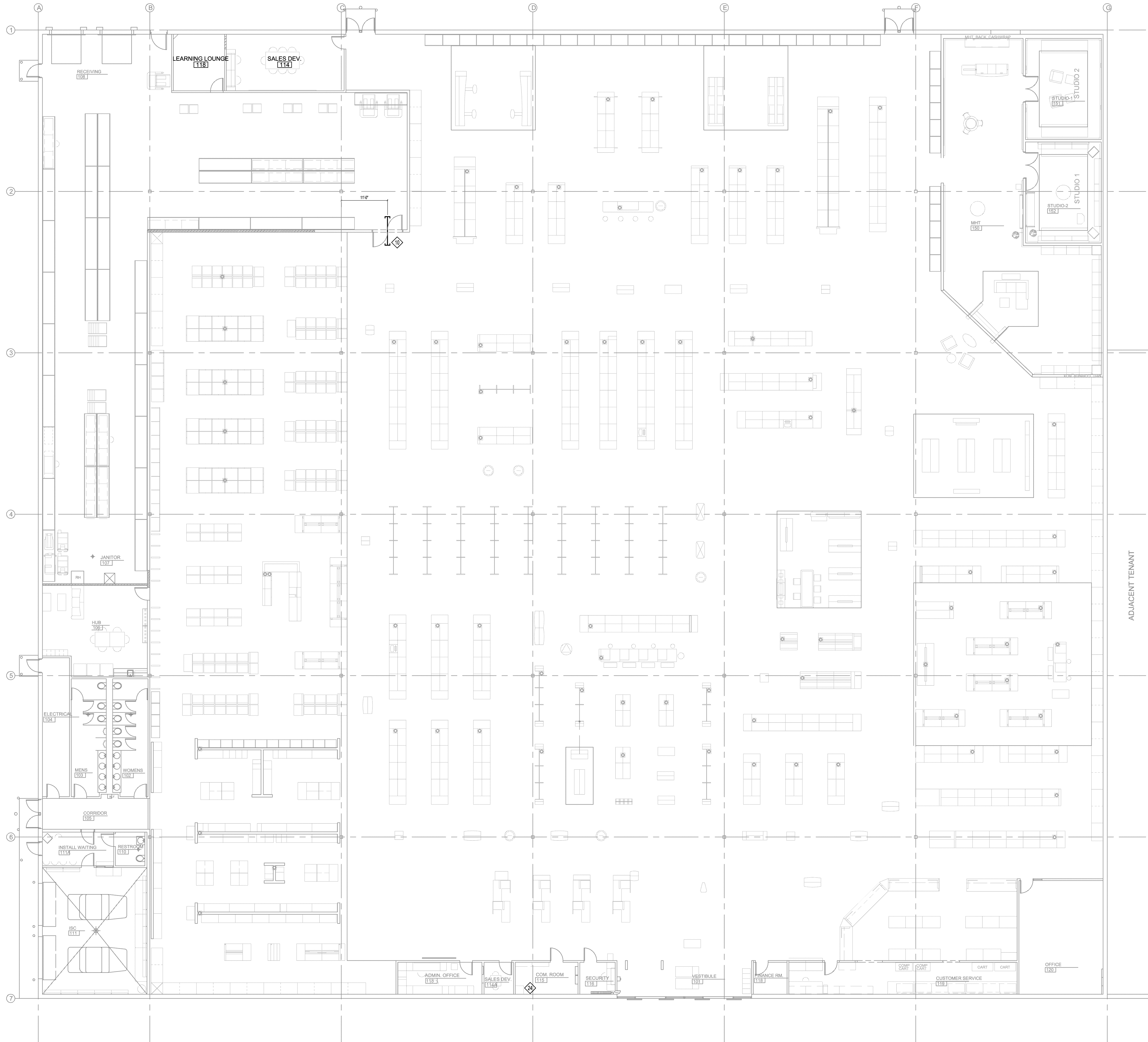


1. CONDUITS, RACEWAYS, ELECTRICAL, DOTS & BOXES AND EXPOSED LOW VOLTAGE SHALL BE RUN TRUE, PLUMB AND SQUARE TO THE BUILDING AND THIGHTLY WRAPPED OR FASTENED TO STRUCTURE. LOW VOLTAGE RUNS OR EXPOSED WIRE MUST BE HIDDEN FROM VIEW AND BE WRAPPED TO THE STRUCTURE WITH WHITE WRAPS. THE WRAPS MUST BE UNIFORMLY SPACED. INSURENT WIRING TO BE HIDDEN FROM VIEW FROM SAME SIDE AS THE WRAP. ALL WIRING MUST BE RUN IN FREE AIR OR ON GRADUALLY.
2. ELECTRICAL BOXES ON OPPOSITE SIDES OF FIRE RATED WALL SHALL BE SEPARATED BY A MINIMUM OF 24".
3. USE PLUMB RATED RACEWAY, CONDUIT, BOXES, ETC. IN ALL PLUMB WALLS AND CEILINGS. ALL PENETRATIONS OF FIRE RATED WALLS ARE TO BE COMPLETELY FIRE SEALED.
4. ALL ELECTRICAL EQUIPMENT, CONDUIT AND WIRING ABOVE BOTTOM JOINTS AND AS TIGHT TO THE DECK OR SOLENOID, COORDINATE THIS WORK WITH OTHERS BEFORE PROCEEDING.
5. THE ELECTRICAL CONTRACTOR SHALL PROVIDE VOLTAGE RATINGS OF NEW OR RELOCATED LIGHTS, SIGNS, COMPACTORS, TRUCKS, EXHAUST FANS, MOTORS, ETC. TO AVOID ANY DAMAGE TO EQUIPMENT. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE OF THE ELECTRICAL CONTRACTOR TO REPAIR OR REPLACE ANY EQUIPMENT DAMAGED BY BEING CONNECTED TO THE EQUIPMENT AT NO COST TO BEST BUY.
6. BRANCH CIRCUIT CONDUCTORS SHALL BE IDENTIFIED AT JUNCTIONS, DEVICES, SPLICES AND TERMINATIONS. WHEN A NEUTRAL CONDUCTOR IS REQUIRED, THE NEUTRAL CONDUCTOR SHALL BE IDENTIFIED WITH CORRESPONDING COLOR TO THE CONDUCTOR WHICH FORMS THE BRANCH CIRCUIT.
7. ALL GROUNDING CONDUCTORS MUST HAVE A SEPARATE GROUND AS A DEDICATED GROUND (NEUTRAL) ALL GROUND WIRES SHALL BE CONNECTED TO A COMMON ISOLATED GROUND BUS AT THE PANELBOARD.
8. OUTLET HEIGHTS WILL BE TO CENTER OF OUTLET, UNLESS OTHERWISE NOTED.
9. CONDUIT SHALL BE 20" MAXIMUM DEPTH FROM FACE OF WALL OR FLOOR FOR FUTURE LOCATIONS.
10. ALL RECEPTABLES SHALL BE 20" APART, UNLESS OTHERWISE NOTED.
11. CIRCULAR MIL AREA OF THE UNGROUND CONDUCTOR
12. WHEN UNGROUND CONDUCTORS ARE INCREASED IN SIZE, EQUIPMENT GROUND CONDUCTORS, WHEN INSTALLED, SHALL BE INCREASED IN SIZE PROPORTIONATELY, ACCORDING TO THE FOLLOWING TABLE:
13. PROVIDE BRUSHED STAINLESS STEEL WALL, CEILING PLATE RATES.
14. CONTRACTOR TO VERIFY CIRCUITS ARE UNWITTED OVER THE PERIOD 10 TO USE FOR GONDOLA POWER. ONLY UNWITTED CIRCUITS MAY BE REUSED FOR GONDOLA POWER. DISCONNECTED CIRCUITS ARE TO BE REWOUND TO BE PROPERLY GROUNDED. DO NOT REUSE. VERIFY CIRCUIT IS NOT BEING USED IN OTHER AREAS BEFORE REMOVAL. FROM THIS DATE AND FLOOR BOSES ARE EXISTING TO REMAIN. REMOVE COVER AND PUSH BARS. REINSTATE COVER AND PUSH BARS. REINSTATE COVER AND PUSH BARS. IF COVER IS BROKEN, REPLACE WITH EXISTING COVER OVER GONDOLA. IF NONE AVAILABLE FOR REUSE, PROVIDE NEW MATCHING COVER AS REQUIRED.
15. PRE-MANUFACTURED WIRING SYSTEMS (NO CABLE, IMPREGNATED CABLE, ETC.) ARE NOT ALLOWED BY AUTHORITY HAVING JURISDICTION OVER EMDT CONDUIT AND FLEX ARE ALLOWED BY CODE. TURN OVER ANY UNUSED AMPERINITY PRODUCTS TO BEST BUY.
16. IF STORE UTILIZES EXISTING TRENCH POWER PROVIDE NEW OVERHEAD CIRCUITS TO FIXTURES IN HOME THEATER TRANSPORTATION AREA. DO NOT REUSE TRENCH SYSTEM.
17. IF THE CONTRACTOR IS REQUIRED TO REPAIR OR REPLACE ANY EQUIPMENT DAMAGED BY BEING CONNECTED TO THE EQUIPMENT AT NO COST TO BEST BUY.
18. IF FUTURE EXTENSIONS ARE NOT AVAILABLE, ETC. TO PROVIDE EMT DROPS TO TRENCH, PROVIDE 3/4" EMT FOR POWER AND 1" EMT WITH PLASTIC AND NUNO BUSINGS FOR LOW VOLTAGE AT EACH DROP LOCATION.
19. REFERENCE HOME THEATER MASTER STORY PLAN ON PROJECT/NOTES FOR SCOPE QUESTIONS AND ANY EXPOSED WIRE.
20. MARK JOBS AT EACH DROP TO BE CONTROLLED BY THIS SYSTEM FOR FUTURE REFERENCE.

1 LED SIGN IN HEADER ABOVE. CIRCUIT VIA LIGHTING CONTACTOR. DO NOT USE RELOC SYSTEM FOR CONNECTION. VERIFY EXISTING CONTROLS, PROVIDE PILOT RELAY(S) AND CONTACTOR(S) AS REQUIRED.

REFER TO SITE SPECIFIC AFTER MAP FOR SITE SPECIFIC SECTION CONFIGURATION





1 ELECTRICAL LOW VOLTAGE PLAN
3/32" = 1'-0"

GENERAL NOTES

1. DEVICES, JUNCTION BOXES SHALL BE RECESSED AND CONDUITS AND WIRES CONCEALED UNLESS OTHERWISE APPROVED BY BEST BUY. NO EXCEPTIONS.
2. CONDUITS, RACEWAYS, ELECTRICAL DUCTS & BOXES AND EXPOSED LOW VOLTAGE WIRE SHALL BE RUN TRUE, PLUMB, SQUARE TO THE BUILDING TIGHTLY WRAPPED OR FASTENED TO STRUCTURE. LOW VOLTAGE RUNS OR EXPOSED WIRE MUST BE HIDDEN FROM VIEW AND TIE WRAPPED TO THE STRUCTURE WITH WHITE WRAPS. TIE WRAPS MUST BE UNIFORMLY SPACED WITH ENOUGH WRAPS TO PREVENT WIRE FROM SAGGING. UNDER NO CIRCUMSTANCES CAN EXPOSED WIRE BE RUN IN FREE AIR OR DIAGONALLY.
3. ELECTRICAL BOXES ON OPPOSITE SIDES OF FIRE RATED WALL SHALL BE SEPARATED BY A MINIMUM OF 24".
4. USE PLENUM RATED CABLE CONDUIT, BOXES ETC. IN AIR PLENUM WALLS AND CEILINGS. PENETRATIONS ARE TO BE COMPLETELY FIRE SEALED.
5. RUN LOW VOLTAGE CONDUIT AND WIRING ABOVE BOTTOM OF JOIST AND AS TIGHT TO DECK AS POSSIBLE.
6. ELECTRICAL CONTRACTOR TO PROVIDE UNDERGROUND CONDUIT FOR LOW VOLTAGE CABLE, PER EIA-TIA 568A STANDARDS.
7. ELECTRICAL CONTRACTOR TO PROVIDE EMT DROPS FOR LOW VOLTAGE AS REQUIRED BY THE AUTHORITY HAVING JURISDICTION.
8. FLUSH FLOOR BOXES SHALL HAVE A BRASS COVER PLATE AND BRASS TOW RING. SEE SPECIFICATIONS.
9. PROVIDE A DOORBELL BUTTON AT THE RECEIVING DOCK DOOR THAT RINGS A BELL AT BOTH THE RECEIVING AREA AND THE CUSTOMER SERVICE AREA. ALSO, PROVIDE A DOORBELL BUTTON AT THE FRONT ENTRANCE DOOR THAT RINGS A BUZZER AT THE CUSTOMER SERVICE AREA.
10. CONDUIT SHALL BE 1 1/4" WITH PULL LINE UNLESS OTHERWISE NOTED.
11. IF PVC UNDERGROUND CONDUIT IS NOT ALLOWED BY AUTHORITY HAVING JURISDICTION PROVIDE RIGID GALVANIZED STEEL CONDUIT AND GROUND AS REQUIRED.
12. PROVIDE IN THE BID THE COST OF (10) ADDITIONAL CONDUIT DROPS FOR SECURITY DEVICES AND MOTION SENSORS. EACH DROP TO CONSIST OF 3/4" EMPTY EMT CONDUIT FROM DECK WITH JUNCTION BOX AND BLANK COVER PLATE. COORDINATE WITH SECURITY CONTRACTOR EXACT LOCATIONS AND SPECIFIC REQUIREMENTS PRIOR TO ROUGH-IN.
13. PROVIDE BRUSHED STAINLESS STEEL WALL COVER PLATES.
14. CONDUITS SHALL BE A MINIMUM OF 3" BELOW THE SLAB WITH GROUND COVER.

KEYED NOTES

1. REMOTE DOOR ALARM ANNUNCIATOR. PROVIDE FLUSH JUNCTION BOX WITH SINGLE GANG MUD RING, 1/2" CONDUIT, WIRING AND CONNECTIONS TO EXIT DOOR CONTROLLER. ANNUNCIATOR FURNISHED BY DOOR HARDWARE SUPPLIER INSTALLED BY THE ELECTRICAL CONTRACTOR AND WIRED COMPLETE. VERIFY ALL REQUIREMENTS WITH DOOR HARDWARE SUPPLIER AND PROVIDE. SEE DETAIL 8EB.1 FOR MORE DETAIL.
2. FLUSH MOUNTED LOW VOLTAGE DOOR BUTTON MOUNTED AT 48" A.F.F. UNLESS NOTED OTHERWISE. PROVIDE 1/2" CONDUIT TO BUZZER LOCATION. SEE PLAN SHEET E2, POWER PLAN AND DETAIL 9EB.1 FOR WIRING AND MODEL NUMBERS. SEE DETAIL 8EB.1 FOR MORE DETAIL.
3. SURFACE MOUNT 1" CONDUIT, FOR ENERGY MANAGEMENT SYSTEM AND LIGHTING CONTROL PANEL, FROM 5'-0" AFF TO JOIST SPACE WITH 90 DEGREE RADIUS BEND (AT JOIST), AND NYLON BUSHINGS AT EACH END. COORDINATE REQUIREMENTS WITH MODULAR WALL BEFORE ROUGH-IN.
4. PROVIDE CONDUIT FROM KNOX BOX TO ACCESSIBLE CEILING SPACE. VERIFY WITH ARCHITECTURAL ELEVATION FOR LOCATION OF KNOX BOX.
5. JUNCTION BOX WITH SINGLE GANG MUD RING MOUNTED AT 20" AFF. UNLESS OTHERWISE NOTED, 1" CONDUIT TO JOIST SPACE WITH 90 DEGREE RADIUS BEND (AT JOIST), AND NYLON BUSHINGS AT EACH END.
6. JUNCTION BOX WITH SINGLE GANG MUD RING MOUNTED AT 20" AFF. UNLESS OTHERWISE NOTED, 1" CONDUIT TO JOIST SPACE WITH 90 DEGREE RADIUS BEND, AND NYLON BUSHINGS AT EACH END. EXTEND CONDUIT TO SALES FLOOR.
7. EXTEND CONDUIT 24" FROM FACE OF SALES FLOOR WALL.
8. SURFACE MOUNT (1) 1" CONDUIT FROM TOP OF TELEPHONE BACK BOARD TO JOIST SPACE WITH 90 DEGREE RADIUS BEND (AT JOIST), AND NYLON BUSHING AT EACH END.
9. SURFACE MOUNT (1) 1" CONDUIT FROM 8'-2" AFF. UNLESS OTHERWISE NOTED, TO JOIST SPACE, WITH A 90 DEGREE RADIUS BEND (AT JOIST), AND NYLON BUSHINGS ON EACH END. CONDUIT SHALL BE INSTALLED PRIOR TO PAINTING OF WALL, NO EXCEPTIONS.
10. (2) 4" CONDUITS AT DECK THROUGH RECEIVING WALL. EXTEND CONDUIT 2'-0" FROM FACE OF WALL ON EACH SIDE. PROVIDE NYLON BUSHING ON EACH END.
11. (2) 2" EMPTY CONDUITS WITH PULL LINES FROM LP OFFICE CEILING SPACE TO JOIST SPACE WITH 90° BEND. PROVIDE NYLON BUSHINGS ON EACH END. RUN CONDUIT IN VESTIBULE CEILING SPACE TO LP OFFICE WHEN REQUIRED. CONDUIT AT JOIST SPACE TO TERMINATE AT A LOCATION SUITABLE FOR ACCESS BY BEST BUY VIA LIFT FROM SALES FLOOR.
12. PROVIDE 2" CONTINUOUS CONDUIT FROM PHONE BOARD TO COMMUNICATION ROOM PATHWAY.
 1. NO SECTION OF CONDUIT SHALL BE LONGER THAN 10' BETWEEN PULL POINTS (e.g., TELECOMMUNICATIONS CLOSET OR PULL BOX).
 2. NO SECTION OF CONDUIT SHALL CONTAIN MORE THAN TWO 90 DEGREE BENDS.
 3. THE INSIDE RADIUS OF A BEND SHALL BE AT LEAST 10 TIMES THE INTERNAL DIAMETER AND NOT CONTAIN ANY KINKS OR OTHER DISCONTINUITIES THAT MAY DAMAGE CABLE SHEATHING DURING PULLING OPERATIONS.
 4. PULL BOXES MUST BE A MINIMUM OF 6" WIDE, 36" LONG AND A DEPTH OF 4". BOXES SHALL BE IN A STRAIGHT SECTION OF CONDUIT AND NOT USED IN LIEU OF A BEND. THE CORRESPONDING CONDUIT ENDS SHALL BE ALIGNED WITH EACH OTHER.
 5. CONDUITS SHALL BE REAMED TO ELIMINATE SHARP EDGES. METALLIC CONDUIT SHALL BE TERMINATED WITH AN INSULATED BUSHING.
 6. THE PATHWAY MUST BE LABELED AT ENDPONTS LOCATED IN TELECOMMUNICATIONS CLOSETS, EQUIPMENT ROOMS OR ENTRANCE FACILITIES. FIXED WITHIN 6" OF ENDPONT AND POSITIONED TO BE VISIBLE. LABELS SHALL BE RESISTANT TO ENVIRONMENTAL CONDITIONS AT THE POINT OF INSTALLATION (MOISTURE, HEAT, OR ULTRAVIOLET LIGHT), AND SHOULD HAVE A DESIGN LIFE EQUAL TO OR GREATER THAN THAT OF THE LABELED COMPONENT. THE LABEL SHALL READ: "LEC Flow - MPOEComm Room (TRA)" BLACK ARIAL FONT, 30 POINT, BOLD 2" x 10" MINIMUM WHITE LABEL.
 7. CONDUITS SHALL BE PROVIDED WITH CONTINUOUS PULLSTRING OR ROPE.
13. PROVIDE (1) EMPTY SURFACE MOUNTED 4" CONTINUOUS CONDUITS WITH PULL LINES FROM WALL AT 8'-0" A.F.F. TO JOIST SPACE USING 3'-0" RADIUS SWEEPS TO MAKE THE BENDS, AND WITH NYLON BUSHINGS AT EACH END.
14. PROVIDE (2) EMPTY SURFACE MOUNTED 4" CONTINUOUS CONDUITS WITH PULL LINES FROM COMM. ROOM WALL AT 8'-0" A.F.F. TO JOIST SPACE USING 3'-0" RADIUS SWEEPS TO MAKE THE BENDS, AND WITH NYLON BUSHINGS AT EACH END. CONDUIT TO PENETRATE SALES FLOOR WALL IN JOIST SPACE.
15. PROVIDE (3) EMPTY SURFACE MOUNTED 4" CONTINUOUS CONDUITS WITH PULL LINES FROM COMM. ROOM WALL AT 8'-0" A.F.F. TO JOIST SPACE USING 3'-0" RADIUS SWEEPS TO MAKE THE BENDS, AND WITH NYLON BUSHINGS AT EACH END. CONDUIT TO PENETRATE SALES FLOOR WALL IN JOIST SPACE.
16. PROVIDE OUTSIDE WEATHER HEAD AND EMPTY CONDUIT FOR THE BEST BUY ANTENNA CABLE. FIELD VERIFY EXACT LOCATION WITH BEST BUY CO. BEFORE PROCEEDING. REFER TO ARCHITECTURAL DETAIL. TELEVISION AND RADIO ANTENNAS SHALL HAVE APPROVED LIGHTNING ARRESTORS. PROPERLY GROUNDING IN CASES WHERE THE DIPOLE ANTENNA IS INSULATED FROM THE SUPPORTING METAL MAST, THE METAL MAST SHALL BE GROUNDED AND THE DIPOLE CONNECTED TO AN APPROVED LIGHTNING ARRESTOR.
17. JUNCTION BOX FOR BUZZER LOCATION. PROVIDE 24V BUZZER. SEE E2, POWER PLAN. SEE DETAIL 9EB.1 FOR WIRING AND MODEL NUMBERS.
18. SURFACE MOUNTED JUNCTION BOX WITH SINGLE GANG MUD RING MOUNTED AT 48" AFF. UNLESS OTHERWISE NOTED, SURFACE 1" CONDUIT TO JUNCTION BOX AT CORNER OF WALL AND UP TO JOIST SPACE WITH 90 DEGREE RADIUS BEND, EXTEND CONDUIT TO SALES FLOOR. PROVIDE NYLON BUSHINGS AT ENDS OF EACH CONDUIT.
19. JUNCTION BOX FOR BELL LOCATIONS. PROVIDE 120V BELLS. SEE PLAN SHEET E2, POWER PLAN. SEE DETAIL 9EB.1 FOR WIRING AND MODEL NUMBERS.
20. NO CONDUIT TO BE RUN IN FRONT OF WINDOWS. NO EXCEPTIONS.
21. SEE SHEET E8.0, DETAILS, FOR SENSORIMATIC CONNECTIONS AND UNDERFLOOR RUNS.
22. LEG TELECOM ENTRANCE FACILITY, MAIN POINT OF ENTRY (MPOE). SEE SHEET 21EB FOR MORE INFORMATION.
23. PROVIDE SINGLE GANG JUNCTION BOX FOR ALARM KEYPAD.
24. PROVIDE (1) EMPTY SURFACE MOUNTED 4" CONTINUOUS CONDUIT WITH PULL LINES FROM COMM. ROOM WALL AT 8'-0" A.F.F. TO JOIST SPACE USING 3'-0" RADIUS SWEEPS TO MAKE THE BENDS, AND WITH NYLON BUSHINGS AT EACH END. CONDUIT TO PENETRATE SALES FLOOR WALL IN JOIST SPACE. VERIFY EXACT LOCATION IN FIELD.

GENERAL COORDINATION ITEMS FOR THE GENERAL CONTRACTOR

THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR GENERAL COORDINATION OF THE ITEMS LISTED BELOW. IT IS THE GENERAL CONTRACTOR'S RESPONSIBILITY TO CONTACT THE APPROPRIATE VENDORS AND COORDINATE ITEMS LISTED BELOW.

ADMIN OFFICE MOVE:

1. RELOCATION OF CAMERA
2. RELOCATION OF ALARM PANEL
3. RELOCATION OF PANIC BUTTON
4. RELOCATION OF MOTION SENSORS
5. RELOCATION OF DOOR CONTACTS
6. RELOCATION OF EXISTING SAFE

LP OFFICE MOVE:

1. RELOCATION OF ALL HEAD END SECURITY AND CAMERA EQUIPMENT

STOREFRONT ENTRANCE MOVE:

1. RELOCATION OF TRAFFIC CAMERA
2. RELOCATION OF MOTION SENSORS
3. RELOCATION OF DOOR CONTACTS
4. RELOCATION OF FRONT DOOR CAMERA AND PUBLIC VIEW MONITOR (IF EXISTING IN STORE)
5. RELOCATION OF SENSORIMATIC PEDESTALS

WAREHOUSE MOVE:

1. RELOCATION OF CAMERAS
2. RELOCATION OF DOOR CONTACTS
3. RELOCATION OF MOTION SENSORS

NEW/RELOCATED EGRESS DOORS:

1. RELOCATION OF ALARM
2. RELOCATION OF DOOR CONTACTS

NEW/RELOCATED CHECKOUT REGISTERS:

1. SENSORIMATIC DE-ACTIVATOR PADS

NEW STOREFRONT ENTRANCE MOVE:

1. RELOCATION OF EXTERIOR TICKET SIGN

ALLOWABLE TIME FOR ITEMS TO BE OUT OF SERVICE:

MINIMIZE OR ALLOW NO TIME WITHOUT LP OFFICE ATTEMPT TO PHASE CONSTRUCTION TO MAKE THIS POSSIBLE. IF NOT NOTIFY LOSS PREVENTION TEAM OF TIMELINE PRIOR TO

FOR ALL SECURITY/CAMERA RELATED SCOPE ITEMS CONTACT:

CHECKPOINT SECURITY™
AMY BLUM - KEY ACCOUNT PROGRAM MANAGER
800-708-6452 / 852-227-5420
AMY.BLUM@CHECKPOINT.COM

**IF STORE HAS EXISTING SECURITY SYSTEM OTHER THAN CHECKPOINT CONTACT BEST BUY DISTRICT MANAGER OR CONSTRUCTION PROJECT MANAGER FOR APPROPRIATE VENDOR CONTACT INFORMATION.

FOR SENSORIMATIC SCOPE ITEMS:

CONTACT: ROBIN JENSON
715-486-2180

FOR TICKET SIGNAGE SCOPE ITEMS:

CONTACT: THOMAS RYAN AND AWINGS
DANNA RYAN
800-526-3325
DANNA.RYAN@THOMASSIGN.COM

Abdul Salehi, Architect
TEL: 949-707-3348 FAX: 714-864-3327
14711 DARTMOUTH CIRCLE, DARTMOUTH, CA 92700

DUNHAM
Dunham Associates of Minnesota, Inc.
10000 Highway 100, Suite 100
Minneapolis, Minnesota 55412-1540
Phone: 612.665.1550 Fax: 612.665.1551
www.dunhameng.com

PROJECT#: 415752-050

SQ. FT. CALCS

RETAIL: 51,140 SF

OFFICES: 2,069 SF

STORAGE/REMANUFACTURING: 4,212 SF

INSTALL: 999 SF

TOTAL: 58,420 SF

CONCEPT: 45K C5

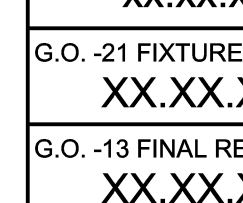
CONCEPT DATE: XX.XX.XX

G.O. -21 FIXTURE REL. XX.XX.XX

G.O. -13 FINAL REL. XX.XX.XX

PROTOTYPE DATE: XX.XX.XX

STORE NUMBER: 0110



3900 TYLER STREET,
RIVERSIDE, CA

BID/PERMIT SET
12/12/14

REV DATE

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Panel: MSB									
Voltage: 277/480v, 3Ph, 4w									
Code L-VA	Code C-VA	Code R-VA	Code M-VA	Code E-VA	Description	Amp /pole	No.	Ph.	No.
					EXISTING AC-1	400	1	-A-	2
					"	1	3	-B-	4
					"	3	5	-C-	6
					EXISTING AC-2	400	7	-A-	8
					"	1	9	-B-	10
					"	3	11	-C-	12
1200	33220	4840	0	0	EXISTING DP	400	13	-A-	14
600	37900	4340	0	0	"	1	15	-B-	16
600	34200	8180	0	0	"	3	17	-C-	18
1200	33220	4840	0	0	NONE	Main	-A-	Through	
600	37900	4340	0	0	NONE	Breaker	-B-	Feed Lug	
600	34200	8180	0	0	NONE	-C-	Conn		
-A- -B- -C- Total						38.3	42.8	43.0	125.1
Panelboard Notes:						Connected KVA Totals			
1 - E.C. TO BALANCE EACH PHASE WITHIN 10%						Ø 125% Largest Motor			
2 -						Electric Heat - Code E			
3 -						Total KVA			
4 -						Spare = 0% Spare KVA			
5 -						Adjusted KVA (Demand + Spare KVA)			
EXISTING : Mounting						Adjusted Amps (Demand + Spare KVA)			
EXISTING : Amps AIC Rating						Panel Amp Rating (Min Main)			
1,600 : Amp Rating of Bus						Phase to Phase Voltage			
1,600 : Panel Amp Rating (Min Main)						480			
480 : Phase to Phase Voltage						Project Number: 415752-050			
						Project Name: BEST BUY-RIVERSIDE, CA			
						File Name: PANEL MSB			
						Date: 12/11/2014			

Panel: HA									
Voltage: 277/480v, 3Ph, 4w									
Code L-VA	Code C-VA	Code R-VA	Code M-VA	Code E-VA	Description	Amp /pole	No.	Ph.	No.
2880					EXISTING SALES LIGHTING	201	1	-A-	2
2880					EXISTING SALES LIGHTING	201	3	-B-	4
2880					EXISTING SALES LIGHTING	201	5	-C-	6
3360					EXISTING SALES LIGHTING	201	7	-A-	8
3360					EXISTING SALES LIGHTING	201	9	-B-	10
3360					EXISTING SALES LIGHTING	201	11	-C-	12
3360					EXISTING SALES LIGHTING	201	13	-A-	14
3360					EXISTING SALES LIGHTING	201	15	-B-	16
3360					EXISTING SALES LIGHTING	201	17	-C-	18
3360					EXISTING SALES LIGHTING	201	19	-A-	20
2400					EXISTING SALES LIGHTING	201	21	-B-	22
2400					EXISTING SALES LIGHTING	201	23	-C-	24
1200					EXIST. OFFICE LIGHTING	201	25	-A-	26
3000					EXIST. OFFICE LIGHTING	201	27	-B-	28
1440					EXIST. TOILET LTS.	201	29	-C-	30
3360					EXISTING SALES LIGHTING	201	31	-A-	32
3360					EXISTING SALES LIGHTING	201	33	-B-	34
3360					EXISTING SALES LIGHTING	201	35	-C-	36
3360					EXISTING SALES LIGHTING	201	37	-A-	38
3360					EXISTING SALES LIGHTING	201	39	-B-	40
3360					EXISTING SALES LIGHTING	201	41	-C-	42
3360					NONE	Breaker	-B-	Feed Lug	
37780	0	0	0	0	MLO	-C-	Conn		
35200	0	0	0	0	-	-			
-A- -B- -C- Total						38.0	37.8	35.2	111.0
Panelboard Notes:						Connected KVA Totals			
1 - E.C. TO BALANCE EACH PHASE WITHIN 10%						Ø 125% Largest Motor			
2 -						Electric Heat - Code E			
3 -						Total KVA			
4 -						Spare = 0% Spare KVA			
5 -						Adjusted KVA (Demand + Spare KVA)			
EXISTING : Mounting						Adjusted Amps (Demand + Spare KVA)			
EXISTING : Amps AIC Rating						Panel Amp Rating (Min Main)			
225 : Amp Rating of Bus						Phase to Phase Voltage			
200 : Panel Amp Rating (Min Main)						480			
480 : Phase to Phase Voltage						Project Number: 415752-050			
						Project Name: BEST BUY-RIVERSIDE, CA			
						File Name: PANEL HA			
						Date: 12/11/2014			

Panel: DP									
Voltage: 277/480v, 3Ph, 4w									
Code L-VA	Code C-VA	Code R-VA	Code M-VA	Code E-VA	Description	Amp /pole	No.	Ph.	No.
0	20500	0	0	0	EXIST. TRANSFORMER TA VIA "AT"	100	1	-A-	2
0	21120	0	0	0	EXIST. TRANSFORMER TC VIA "ET"	1	3	-B-	4
0	19880	0	0	0	EXIST. TRANSFORMER TB VIA "BT"	3	5	-C-	6
1200	12720	4840	0	0	EXIST. TRANSFORMER TD VIA "DT"	100	7	-A-	8
600	16780	4340	0	0	EXIST. TRANSFORMER TE VIA "ET"	1	9	-B-	10
600	14520	8180	0	0	EXIST. TRANSFORMER TF VIA "FT"	3	11	-C-	12
1200	33220	4840	0	0	EXIST. TRANSFORMER TG VIA "GT"	100	13	-A-	14
600	37900	4340	0	0	EXIST. TRANSFORMER TH VIA "HT"	1	15	-B-	16
600	34200	8180	0	0	EXIST. TRANSFORMER TI VIA "IT"	3	17	-C-	18
-A- -B- -C- Total						39.3	42.8	43.0	125.1
Panelboard Notes:						Connected KVA Totals			
1 - E.C. TO BALANCE EACH PHASE WITHIN 10%						Ø 125% Largest Motor			
2 -						Electric Heat - Code E			
3 -						Total KVA			
4 -						Spare = 0% Spare KVA			
5 -						Adjusted KVA (Demand + Spare KVA)			
EXISTING : Mounting						Adjusted Amps (Demand + Spare KVA)			
EXISTING : Amps AIC Rating						Panel Amp Rating (Min Main)			
400 : Amp Rating of Bus						Phase to Phase Voltage			
400 : Panel Amp Rating (Min Main)						480			
480 : Phase to Phase Voltage						Project Number: 415752-050			
						Project Name: BEST BUY-RIVERSIDE, CA			
						File Name: PANEL DP			
						Date: 12/11/2014			

Panel: A1					Voltage: 120/208v, 3Ph, 4w													
Code L-VA	Code C-VA	Code R-VA	Code M-VA	Code E-VA	Description	Amp /pole	No.	Ph.	Amp /pole	Description	Code L-VA	Code C-VA	Code R-VA	Code M-VA	Code E-VA			
720					DISPLAY RCPTS.	201	1	-A-	2	DISPLAY RCPTS.	720							
720					DISPLAY RCPTS.	201	3	-B-	4	DISPLAY RCPTS.	720							
720					DISPLAY RCPTS.	201	5	-C-	6	DISPLAY RCPTS.	720							
720					DISPLAY RCPTS.	201	7	-A-	8	DISPLAY RCPTS.	720							
720					DISPLAY RCPTS.	201	9	-B-	10	DISPLAY RCPTS.	720							
720					DISPLAY RCPTS.	201	11	-C-	12	DISPLAY RCPTS.	720							
720					DISPLAY RCPTS.	201	13	-A-	14	DISPLAY RCPTS.	720							
720					DISPLAY RCPTS.	201	15	-B-	16	DISPLAY RCPTS.	720							
720					DISPLAY RCPTS.	201	17	-C-	18	DISPLAY RCPTS.	720							
720					DISPLAY RCPTS.	201	19	-A-	20	DISPLAY RCPTS.	720							
720					DISPLAY RCPTS.	201	21	-B-	22	SAMSUNG HT PAD RECEPT	720							
720					DISPLAY RCPTS.	201	23	-C-	24	SAMSUNG HT PAD RECEPT	720							
720					DISPLAY RCPTS.	201	25	-A-	26	SAMSUNG HT PAD RECEPT	1440							
720					DISPLAY RCPTS.	201	27	-B-	28	SAMSUNG HT PAD RECEPT	1440							
720					DISPLAY RCPTS.	201	29	-C-	30	SAMSUNG HT PAD RECEPT	1440							
720					DISPLAY RCPTS.	201	31	-A-	32	SAMSUNG HT PAD RECEPT	1440							
720					DISPLAY RCPTS.	201	33	-B-	34	SAMSUNG HT PAD RECEPT	720							
720					DISPLAY RCPTS.	201	35	-C-	36	EXISTING DISPLAY RCPTS.	720							
0	10320	0	0	0	EXISTING PANEL "A2"	150	37	-A-	38	SD RECEPT	1440							
0	10400	0	0	0	"	3	39	-B-	40	SD RECEPT	720							
0	10320	0	0	0	"	3	41	-C-	42	SPARE	720							
0	20500	0	0	0	200	Breaker				NONE								
0	11120	0	0	0	3	3				Feed Lug								
0	15850	0	0	0	3					Conn								
-A-	-B-	-C-	Total			21.1	19.7	61.3			Bus KVA Loads			Dmd	Conn			
Panel Notes:											Lighting - Code R					0.0	0.0	
1. E.C. TO BALANCE EACH PHASE WITHIN 10%											Convenience Receptacles (180 W) - Code C					35.7	61.3	
2. 120V											Receptacles (Non Convenience) - Code R					0.0	0.0	
3. 200V											Motors - Code M					0.0	0.0	
4. 200V											Electric Heat - Code E					0.0	0.0	
5. 200V											Spare = 0%					Total KVA	35.7	61.3
EXISTING											Adjusted KVA (Demand + Spare KVA)					35		
225											Adjusted Amps (Demand + Spare KVA)					99		
200											Panel Amp Rating (Bus Main)							
200											Phase to Phase Voltage							
Project Number:						Project Name:						File Name:			Date:			
415725-050						BEST BUY-RIVERSIDE, CA						PANEL A1			12/11/2014			

STATE OF CALIFORNIA
INDOOR LIGHTING
(SEE NRCC-LTI-01-E, Revised 06/14)
CERTIFICATE OF COMPLIANCE - USER INSTRUCTIONS
NRCC-LTI-01-E
Indoor Lighting (Page 1 of 5)
Project Name: Best Buy- Riverside, CA #110 Date Prepared: 12/10/2014

Climate Zone: 10 Conditioned Floor Area - 50,592
Unconditioned Floor Area - 0
General Information
Building Type: ☒ Nonresidential ☐ High-Rise Residential ☐ Hotel/Motel
☐ Schools ☐ Relocatable Public Schools ☐ Conditioned Spaces ☐ Unconditioned Spaces
Phase of Construction: ☐ New Construction ☐ Addition ☐ Alteration
Method of Compliance: ☐ Complete Building ☐ Area Category ☒ Tailored

LIGHTING COMPLIANCE DOCUMENTS (select yes for each document included)
For detailed instructions on the use of this and all Energy Efficiency Standards compliance documents, refer to the Nonresidential Manual published by the California Energy Commission.
YES NO FORM TITLE
YES NRCC-LTI-01-E Certificate of Compliance. All Pages required on plans for all submittals.
YES NRCC-LTI-02-E Lighting Controls, Certificate of Compliance, and PAF Calculation. All Pages required on plans for all submittals.
YES NRCC-LTI-04-E Indoor Lighting Power Allowance
YES NRCC-LTI-04-E Tailored Method Worksheets
YES NRCC-LTI-05-E Line Voltage Track Lighting Worksheets

Summary of Allowed Lighting Power
Conditioned and Unconditioned space Lighting must not be combined for compliance
Indoor Lighting Power for Conditioned Spaces
Indoor Lighting Power for Unconditioned Spaces
1. Installed Lighting 40,386
2. PORTABLE ONLY FOR OFFICES 0
3. Minus Lighting Control Credits - 4,039
4. Adjusted Installed Lighting Power (row 1 plus row 2 minus row 3) = 38,347

CA Building Energy Efficiency Standards - 2013 Nonresidential Compliance June 2014

STATE OF CALIFORNIA
INDOOR LIGHTING
(SEE NRCC-LTI-01-E, Revised 06/14)
CERTIFICATE OF COMPLIANCE - USER INSTRUCTIONS
NRCC-LTI-01-E
Indoor Lighting (Page 2 of 5)
Project Name: Best Buy- Riverside, CA #110 Date Prepared: 12/10/2014

5. Complies ONLY if Installed < Allowed 4 Complies ONLY if Installed < Allowed 1
6. Allowed Lighting Power 47,497 Unconditioned NRCC-LTI-03-E, page 1 0

Declaration of Required Installation Certificates - Declare by selecting yes for all Installation Certificates that will be submitted. (Retain copies and verify forms are completed and signed.)
YES NO Form/Title
X NRCC-LTI-01-E - Must be submitted for all buildings ☐ Field Inspector
X NRCC-LTI-02-E - Must be submitted for a lighting control system, or for an Energy Management Control System (EMCS). ☐ Field Inspector
X NRCC-LTI-03-E - Must be submitted for a line-voltage track lighting integral current limiter, or for a supplementary overcurrent protection panel used to energize only line-voltage track lighting, to be recognized for compliance. ☐ Field Inspector
X NRCC-LTI-04-E - Must be submitted for two interlocked systems serving an auditorium, a convention center, a conference room, a multipurpose room, or a theater to be recognized for compliance. ☐ Field Inspector
X NRCC-LTI-05-E - Must be submitted for a Power Adjustment Factor (PAF) to be recognized for compliance. ☐ Field Inspector
X NRCC-LTI-06-E - Must be submitted for additional wattage installed in a video conferencing studio to be recognized for compliance. ☐ Field Inspector

Declaration of Required Certificates of Acceptance - Declare by checking all of the Certificates of Acceptance that will be submitted. (Retain copies and verify forms are completed and signed.)
YES NO Form/Title
X NRCA-LTI-02-A - Must be submitted for occupancy sensors and automatic time switch controls. ☐ Field Inspector
X NRCA-LTI-03-A - Must be submitted for automatic daylight controls. ☐ Field Inspector
X NRCA-LTI-04-A - Must be submitted for demand responsive lighting controls. ☐ Field Inspector

CA Building Energy Efficiency Standards - 2013 Nonresidential Compliance June 2014

STATE OF CALIFORNIA
INDOOR LIGHTING
(SEE NRCC-LTI-01-E, Revised 06/14)
CERTIFICATE OF COMPLIANCE - USER INSTRUCTIONS
NRCC-LTI-01-E
Indoor Lighting (Page 3 of 5)
Project Name: Best Buy- Riverside, CA #110 Date Prepared: 12/10/2014

A separate Lighting Schedule Must be Filled Out for Conditioned and Unconditioned Spaces. Installed Lighting Power listed on this Lighting Schedule is only for:
☒ CONDITIONED SPACE ☐ UNCONDITIONED SPACE

A. INDOOR LIGHTING SCHEDULE and FIELD INSPECTION ENERGY CHECKLIST
The actual indoor lighting power listed on this page and on the next page includes all installed permanent and planned portable lighting systems.
When Complete Building Method is used for compliance, list each different type of luminaire on separate lines.
When Area Category Method or Tailored Method is used for compliance, list each different type of luminaire by each different function area on separate lines.
Also include track lighting in schedule, and submit the track lighting compliance form (NRCC-LTI-05-E) when line-voltage track lighting is installed.

B. Installed Portable Luminaires in Offices - Exception to Section 140.6(a)
This section shall be filled out ONLY for portable luminaires in offices (As defined in §100.1). All other planned portable luminaires shall be documented on next page of this compliance form.
This section is used to determine if greater than 0.3 watts of portable lighting is planned for any office.
Fill out a separate line for each different office. Small offices that are typical (having the same general and portable lighting) may be grouped together. This allowance shall not be traded between offices having different lighting systems.
Office Portable Luminaire Schedule Office Installed Portable Luminaire Watts Per Square Foot Accountable Watts Office Location Field Inspector
A B C D E F G H I J
Complete Luminaire Description (i.e., LED, under cabinet, furniture mounted direct/indirect) Watts per Luminaire Installed portable luminaire watts in this office (B x C) Square feet of this office (D / E) Watts per square foot (F / E) If F < 0.3, enter zero; If F > 0.3, (F-0.3) E x G Identify Office area in which these portable luminaires are installed Pass Fail
Total installed portable luminaire watts that are greater than 0.3 watts per square foot per office: Enter sum total of all pages into NRCC-LTI-01-E, Page 1

CA Building Energy Efficiency Standards - 2013 Nonresidential Compliance June 2014

STATE OF CALIFORNIA
INDOOR LIGHTING
(SEE NRCC-LTI-01-E, Revised 06/14)
CERTIFICATE OF COMPLIANCE - USER INSTRUCTIONS
NRCC-LTI-01-E
Indoor Lighting (Page 3 of 5)
Project Name: Best Buy- Riverside, CA #110 Date Prepared: 12/10/2014

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Office Portable Luminaire Schedule Office Installed Portable Luminaire Watts Per Square Foot Accountable Watts Office Location Field Inspector
A B C D E F G H I J
Complete Luminaire Description (i.e., LED, under cabinet, furniture mounted direct/indirect) Watts per Luminaire Installed portable luminaire watts in this office (B x C) Square feet of this office (D / E) Watts per square foot (F / E) If F < 0.3, enter zero; If F > 0.3, (F-0.3) E x G Identify Office area in which these portable luminaires are installed Pass Fail
Total installed portable luminaire watts that are greater than 0.3 watts per square foot per office: Enter sum total of all pages into NRCC-LTI-01-E, Page 1

CA Building Energy Efficiency Standards - 2013 Nonresidential Compliance June 2014

STATE OF CALIFORNIA
INDOOR LIGHTING
(SEE NRCC-LTI-01-E, Revised 06/14)
CERTIFICATE OF COMPLIANCE - USER INSTRUCTIONS
NRCC-LTI-01-E
Indoor Lighting (Page 4 of 5)
Project Name: Best Buy- Riverside, CA #110 Date Prepared: 12/10/2014

A separate Lighting Schedule Must be Filled Out for Conditioned and Unconditioned Spaces. Installed Lighting Power listed on this Lighting Schedule is only for:
☐ CONDITIONED SPACE ☒ UNCONDITIONED SPACE

C. INDOOR LIGHTING SCHEDULE and FIELD INSPECTION ENERGY CHECKLIST
Luminaire Schedule Installed Watts Location Field Inspector
A B C D E F G H
Name or Item Tag Complete luminaire description (i.e., 3 lamp fluorescent troffer, F3218, one dimmable electronic ballast) Luminaire Watts per luminaire How wattage was determined (150W/3) Accepted wattage (150W/3) Number of luminaires Total installed Watts in this office (C x E) Primary Function area in which these luminaires are installed Pass Fail
C 6 lamp 4 ft T8 Elec 187.0 201 37,587 Retail Sales, Wholesale
FG 3 Lamp 4 ft T8 XPS Lamp/PSX Ballast Elec 72.0 8 576 Retail Sales, Wholesale
FWE 1 Lamp 4 ft T8 Energy Saving ElecRO 27.0 89 1,863 Retail Sales, Wholesale
P 48w per ft Track Light 45.0 8 360 Retail Sales, Wholesale
INSTALLED WATTS PAGE TOTAL: 40,386 Enter sum total of all pages into NRCC-LTI-01-E, Page 2

CA Building Energy Efficiency Standards - 2013 Nonresidential Compliance June 2014

STATE OF CALIFORNIA
INDOOR LIGHTING
(SEE NRCC-LTI-01-E, Revised 06/14)
CERTIFICATE OF COMPLIANCE - USER INSTRUCTIONS
NRCC-LTI-01-E
Indoor Lighting (Page 5 of 5)
Project Name: Best Buy- Riverside, CA #110 Date Prepared: 12/10/2014

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT
I, _____, certify that this Certificate of Compliance documentation is accurate and complete.
Documentation Author Name: DUSTIN KWIATKOWSKI
Company: Dunham Associates of Minnesota, Inc.
Address: 50 S. 6TH STREET
City/State/Zip: MINNEAPOLIS, MN 55402
Phone: 612 465-7670
RESPONSIBLE PERSON'S DECLARATION STATEMENT
I, _____, certify the following under penalty of perjury, under the laws of the State of California:
1. The information provided on this Certificate of Compliance is true and correct.
2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer).
3. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.
4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.
5. I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.
Responsible Designer Name: Jay Rohlfchill
Company: Dunham
Address: 50 S. Sixth Street
City/State/Zip: Minneapolis, MN 55402
Signature Date: 12/11/14
License: 19292
Phone: 612465-7550

CA Building Energy Efficiency Standards - 2013 Nonresidential Compliance June 2014

STATE OF CALIFORNIA
INDOOR LIGHTING - LIGHTING CONTROLS
(SEE NRCC-LTI-02-E, Revised 06/14)
CERTIFICATE OF COMPLIANCE
Indoor Lighting - Lighting Controls
NRCC-LTI-02-E
Project Name: Best Buy- Riverside, CA #110 Date Prepared: 12/10/2014

The NRCC-LTI-02-E shall be used to document all mandatory and prescriptive lighting controls that are applicable to the project.
Mandatory Lighting Control Declaration Statements (Indicate if the measure applies by checking yes or no below.)

YES NO Control Requirements
X Lighting shall be controlled by self-contained lighting control devices which are certified to the Energy Commission according to the Title 20 Appliance Efficiency Regulations in accordance with Section 110.9.
X Lighting shall be controlled by a lighting control system or energy management control system in accordance with §110.9. An Installation Certificate shall be submitted in accordance with Section 130.4(b).
X One or more Track Lighting Integral Current Limiters shall be installed which have been certified to the Energy Commission in accordance with §110.9 and §130.4. Additionally, an Installation Certificate shall be submitted in accordance with Section 130.4(b).
X A Track Lighting Supplementary Overcurrent Protection Panel shall be installed in accordance with Section 110.9 and Section 130.4. Additionally, an Installation Certificate shall be submitted in accordance with Section 130.4(b).
X All lighting controls and equipment shall comply with the applicable requirements in §110.9 and shall be installed in accordance with the manufacturer's instructions in accordance with Section 130.1.
X All luminaires shall be functionally controlled with manually switched ON and OFF lighting controls in accordance with Section 130.1(a).
X General lighting shall be separately controlled from all other lighting systems in an area. Floor and wall display, window display, case display, ornamental, and special effects lighting shall each be separately controlled on circuits that are 20 amps or less. When track lighting is used, general, display, ornamental, and special effects lighting shall each be separately controlled; in accordance with Section 130.1(a)(4).
X The general lighting of any enclosed area 100 square feet or larger, with a connected lighting load that exceeds 0.5 watts per square foot shall meet the multi-level lighting control requirements in accordance with Section 130.1(b).
X All installed indoor lighting shall be equipped with controls that meet the applicable Shut-Off control requirements in Section 130.1(c).
X Lighting in all Daylit Zones shall be controlled in accordance with the requirements in Section 130.1(d) and daylit zones are shown on the plans.
X Lighting power in buildings larger than 10,000 square feet shall be capable of being automatically reduced in response to a Demand Responsive Signal in accordance with Section 130.1(e).
X Before an occupancy permit is granted for a newly constructed building or area, or a new lighting system serving a building, area, or site is operated for normal use, indoor lighting controls serving the building, area, or site shall be certified as meeting the Acceptance Requirements for Code Compliance in accordance with Section 130.4(a). The controls required to meet the Acceptance Requirements include automatic daylight controls, automatic shut-off controls, and demand responsive controls.

CA Building Energy Efficiency Standards - 2013 Nonresidential Compliance June 2014

STATE OF CALIFORNIA
INDOOR LIGHTING - LIGHTING CONTROLS
(SEE NRCC-LTI-02-E, Revised 06/14)
CERTIFICATE OF COMPLIANCE
Indoor Lighting - Lighting Controls
NRCC-LTI-02-E
Project Name: Best Buy- Riverside, CA #110 Date Prepared: 12/10/2014

A separate document must be filled out for Conditioned and Unconditioned Spaces. This page is used only for the following:
☒ CONDITIONED SPACES ☐ UNCONDITIONED SPACES

MANDATORY AND PRESCRIPTIVE INDOOR LIGHTING CONTROL SCHEDULE, PAF CALCULATION, and FIELD INSPECTION CHECKLIST
Lighting Control Schedule
A B C D E F G H I J K L M N O
Location in Building Type/Description of Lighting Control (i.e., occupancy sensor, automatic time switch, dimmer, automatic daylight, etc.) # of Units
Warehouse Dimming - Manual 3,740 0.10 374
Sales Floor Dimming - Manual 33,847 0.10 3,385
Sales Floor Dimming - Manual 360 0.10 36
Sales Floor Dimming - Manual 1,863 0.10 186
Hub Room Dimming - Manual 576 0.10 58
Control Credit PAGE TOTAL (Sum of Column M): 4,039
IF MULTIPLE PAGES ARE USED, ENTER SUM TOTAL OF Control Credit for all pages HERE (Sum of all Column M): 4,039
Enter Control Credit total into NRCC-LTI-01-E, Page 1.
1. §130.1(a) = Manual area controls; §130.0(b) = Multi Level; §130.1(c) = Auto Shut-Off; §130.1(d) = Mandatory Daylight; §130.1(e) = Demand Responsive; §140.6(d) = Additional lighting controls installed to earn a PAF; §140.6(d) = Prescriptive Secondary Sidelit Daylight Controls.
2. Check Table 140.6-A for correct Factor. PAFs shall not be traded between conditioned and unconditioned spaces. As a condition to earn a PAF, an Installation Certificate is also required to be filled out, signed, and submitted.

CA Building Energy Efficiency Standards - 2013 Nonresidential Compliance June 2014

STATE OF CALIFORNIA
INDOOR LIGHTING - LIGHTING CONTROLS
(SEE NRCC-LTI-02-E, Revised 06/14)
CERTIFICATE OF COMPLIANCE
Indoor Lighting - Lighting Controls
NRCC-LTI-02-E
Project Name: Best Buy- Riverside, CA #110 Date Prepared: 12/10/2014

A separate document must be filled out for Conditioned and Unconditioned Spaces. This page is used only for the following:
☐ CONDITIONED SPACES ☒ UNCONDITIONED SPACES

MANDATORY AND PRESCRIPTIVE INDOOR LIGHTING CONTROL SCHEDULE, PAF CALCULATION, and FIELD INSPECTION CHECKLIST
Lighting Control Schedule
A B C D E F G H I J K L M N O
Location in Building Type/Description of Lighting Control (i.e., occupancy sensor, automatic time switch, dimmer, automatic daylight, etc.) # of Units
Warehouse Dimming - Manual 3,740 0.10 374
Sales Floor Dimming - Manual 33,847 0.10 3,385
Sales Floor Dimming - Manual 360 0.10 36
Sales Floor Dimming - Manual 1,863 0.10 186
Hub Room Dimming - Manual 576 0.10 58
Control Credit PAGE TOTAL (Sum of Column M): 0
IF MULTIPLE PAGES ARE USED, ENTER SUM TOTAL OF Control Credit for all pages HERE (Sum of all Column M): 0
Enter Control Credit total into NRCC-LTI-01-E, Page 1.
1. §130.1(a) = Manual area controls; §130.0(b) = Multi Level; §130.1(c) = Auto Shut-Off; §130.1(d) = Mandatory Daylight; §130.1(e) = Demand Responsive; §140.6(d) = Additional lighting controls installed to earn a PAF; §140.6(d) = Prescriptive Secondary Sidelit Daylight Controls.
2. Check Table 140.6-A for correct Factor. PAFs shall not be traded between conditioned and unconditioned spaces. As a condition to earn a PAF, an Installation Certificate is also required to be filled out, signed, and submitted.

CA Building Energy Efficiency Standards - 2013 Nonresidential Compliance June 2014

Abdul Saheli, Architect
REL 949-707-3348 FAX 714-884-3377
14711 DARTMOUTH CIRCLE, DARTMOUTH, CA 92780

DUNHAM
Dunham Associates of Minnesota, Inc.
14711 DARTMOUTH CIRCLE, DARTMOUTH, CA 92780
PHONE 612-465-7550 FAX 612-465-7551
www.dunhaminc.com

PROJECT#: 415752-050
SQ. FT. CALCS
RETAIL: 51,140 SF
OFFICES: 2,069 SF
STORAGE/REMANUFACTURING: 4,212 SF
INSTALL: 999 SF
TOTAL: 58,420 SF
CONCEPT: 45K C5
CONCEPT DATE: XX.XX.XX
G.O. -21 FUTURE REL. XX.XX.XX
G.O. -13 FINAL REL. XX.XX.XX
PROTOTYPE DATE: XX.XX.XX
STORE NUMBER: 0110



3900 TYLER STREET,
RIVERSIDE, CA

BID/PERMIT SET
12/12/14

REV	DATE
△	
△	
△	
△	
△	
△	

T-24 FORMS

E5.0

STATE OF CALIFORNIA
INDOOR LIGHTING - LIGHTING CONTROLS
CFC-NRCC-LTI-02-E (Revised 06/14)
CALIFORNIA ENERGY COMMISSION
CERTIFICATE OF COMPLIANCE
Indoor Lighting - Lighting Controls
Project Name: Best Buy- Riverside, CA #110
Date Prepared: 12/10/2014
NRCC-LTI-02-E
(Page 3 of 3)

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT
1. I certify that this Certificate of Compliance documentation is accurate and complete.
Documentation Author Name: DUSTIN KWIATKOWSKI
Signature Date: 12/10/2014
Company: Dunham Associates of Minnesota, Inc.
Address: 50 S. 6TH STREET
City/State/Zip: MINNEAPOLIS, MN 55402
Phone: 612 465-7670
RESPONSIBLE PERSON'S DECLARATION STATEMENT
I certify the following under penalty of perjury, under the laws of the State of California:
1. The information provided on this Certificate of Compliance is true and correct.
2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer).
3. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.
4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.
5. I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.
Responsible Designer Name: Jay Rohlkohl
Signature Date: 12/11/14
Company: Dunham
Address: 50 S. Sixth Street
City/State/Zip: Minneapolis, MN 55402
Phone: 612465-7550

CA Building Energy Efficiency Standards - 2013 Nonresidential Compliance

June 2014

STATE OF CALIFORNIA
INDOOR LIGHTING POWER ALLOWANCE
CFC-NRCC-LTI-03-E (Revised 06/14)
CALIFORNIA ENERGY COMMISSION
CERTIFICATE OF COMPLIANCE
Certificate of Compliance - Indoor Lighting Power Allowance
Project Name: Best Buy- Riverside, CA #110
Date Prepared: 12/10/2014
NRCC-LTI-03-E
(Page 1 of 4)

ALLOWED LIGHTING POWER
A separate page must be filled out for Conditioned and Unconditioned spaces. This page is only for:
☒ CONDITIONED spaces ☐ UNCONDITIONED spaces
A. SUMMARY TOTALS OF LIGHTING POWER ALLOWANCES
☐ If using Complete Building Method for compliance, use only the total in column (a) as total allowed building watts.
☒ If using Area Category Method, Tailored Method, or a combination of Area Category and Tailored Method for compliance, use only the total in column (b) as the total allowed building watts
1. Complete Building Method Allowed Watts. Documented in section B of NRCC-LTI-03-E (below on this page)
2. Area Category Method Allowed Watts. Documented in section C-1 of NRCC-LTI-03-E (below on this page)
3. Tailored Method Allowed Watts. Documented in section A of NRCC-LTI-04-E
TOTAL ALLOWED BUILDING WATTS. Enter number into correct cell on NRCC-LTI-01, Page 2, Row 1
☐ Check here if building contains both conditioned and unconditioned areas.
(a) (b)
0 47,497
47,497

B. COMPLETE BUILDING METHOD LIGHTING POWER ALLOWANCE
A B C D
TYPE OF BUILDING (From §140.6 Table 140.6-B) WATTS PER (ft²) X COMPLETE BLDG. AREA = ALLOWED WATTS
Total Area:
Total Watts. Enter Total Watts into section A, row 1 (Above on this page)

C-1 AREA CATEGORY METHOD TOTAL LIGHTING POWER ALLOWANCES (C-2 plus C-3) Watts
Total from section C-2 0
Total from section C-3 0
Total Watts. Enter Total Watts into section A, row 2 (Above on this page) 0

CA Building Energy Efficiency Standards - 2013 Nonresidential Compliance

June 2014

STATE OF CALIFORNIA
INDOOR LIGHTING POWER ALLOWANCE
CFC-NRCC-LTI-03-E (Revised 06/14)
CALIFORNIA ENERGY COMMISSION
CERTIFICATE OF COMPLIANCE
Certificate of Compliance - Indoor Lighting Power Allowance
Project Name: Best Buy- Riverside, CA #110
Date Prepared: 12/10/2014
NRCC-LTI-03-E
(Page 4 of 4)

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Company: Dunham Associates of Minnesota, Inc.
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City/State/Zip: MINNEAPOLIS, MN 55402
Phone: 612 465-7670
RESPONSIBLE PERSON'S DECLARATION STATEMENT
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4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.
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Responsible Designer Name: Jay Rohlkohl
Signature Date: 12/11/14
Company: Dunham
Address: 50 S. Sixth Street
City/State/Zip: Minneapolis, MN 55402
Phone: 612465-7550

CA Building Energy Efficiency Standards - 2013 Nonresidential Compliance

June 2014

STATE OF CALIFORNIA
TAILORED METHOD
CFC-NRCC-LTI-04-E (Revised 06/14)
CALIFORNIA ENERGY COMMISSION
CERTIFICATE OF COMPLIANCE
Indoor Lighting - Tailored Method
Project Name: Best Buy- Riverside, CA #110
Date Prepared: 12/10/2014
NRCC-LTI-04-E
(Page 1 of 7)

Complete separate documents for Conditioned and Unconditioned Spaces.
This page is used to document: ☒ CONDITIONED SPACES ☐ UNCONDITIONED SPACES
A. TAILORED METHOD LIGHTING POWER ALLOWANCE SUMMARY
1. General lighting power (Building Total from Section B of NRCC-LTI-04-E) 1 45,634
2. General lighting power special function areas (Building Total from Section C of NRCC-LTI-04-E) 2 0
3. Additional "use it or lose it" lighting power (Watts listed in each of these cells shall be identical to total allowed watts determined in Section D of NRCC-LTI-04-E)
Wall Display from Section D-1 Combined Floor Display and Task Lighting from Section D-2 Combined Ornamental and Special Effects Lighting from Section D-3 Very Valuable Merchandise from Section D-4
1,863 + 0 + 0 + 0 = 1,863
4. Total Allowed Watts using Tailored Method (add lines 1, 2 and 3) 4 47,497
B. TAILORED METHOD ALLOWED GENERAL LIGHTING POWER FROM TABLE 140.6-D
A B C D E F G
ROOM NUMBER PRIMARY FUNCTION AREA ILLUMINANCE VALUE (fLUX) ROOM CAVITY RATIO ALLOWED LPD FLOOR AREA ALLOWED WATTS (E x F)
Retail Sales, Wholesale 400 1.09 0.90 5,539 4,985
Retail Sales, Wholesale 400 0.72 0.90 44,545 40,091
Retail Sales, Wholesale 400 2.54 1.10 508 559
PAGE TOTAL 45,634
If multiple pages are used, enter building total here 45,634
C. TAILORED METHOD ALLOWED GENERAL LIGHTING POWER FOR SPECIAL FUNCTION AREAS ACCORDING TO § 140.6(c)(3H)
☐ This section shall be used to determine allowed general lighting power **ONLY** for the following primary function areas: Exercise Center, Gymnasium; Medical and Clinical Care; Police Stations and Fire Stations; Public rest areas along state and federal roadways; other primary function areas that are not listed in Table 140.6-D
A B C D E F G
ROOM NUMBER PRIMARY FUNCTION AREA ILLUMINANCE VALUE (fLUX) ROOM CAVITY RATIO ALLOWED LPD FLOOR AREA ALLOWED WATTS (E x F)
PAGE TOTAL 0
If multiple pages are used, enter building total here 0

CA Building Energy Efficiency Standards - 2013 Nonresidential Compliance

June 2014

STATE OF CALIFORNIA
TAILORED METHOD
CFC-NRCC-LTI-04-E (Revised 06/14)
CALIFORNIA ENERGY COMMISSION
CERTIFICATE OF COMPLIANCE
Indoor Lighting - Tailored Method
Project Name: Best Buy- Riverside, CA #110
Date Prepared: 12/10/2014
NRCC-LTI-04-E
(Page 1 of 7)

Complete separate documents for Conditioned and Unconditioned Spaces.
This page is used to document: ☒ CONDITIONED SPACES ☐ UNCONDITIONED SPACES
A. TAILORED METHOD LIGHTING POWER ALLOWANCE SUMMARY
1. General lighting power (Building Total from Section B of NRCC-LTI-04-E) 1 45,634
2. General lighting power special function areas (Building Total from Section C of NRCC-LTI-04-E) 2 0
3. Additional "use it or lose it" lighting power (Watts listed in each of these cells shall be identical to total allowed watts determined in Section D of NRCC-LTI-04-E)
Wall Display from Section D-1 Combined Floor Display and Task Lighting from Section D-2 Combined Ornamental and Special Effects Lighting from Section D-3 Very Valuable Merchandise from Section D-4
1,863 + 0 + 0 + 0 = 1,863
4. Total Allowed Watts using Tailored Method (add lines 1, 2 and 3) 4 47,497
B. TAILORED METHOD ALLOWED GENERAL LIGHTING POWER FROM TABLE 140.6-D
A B C D E F G
ROOM NUMBER PRIMARY FUNCTION AREA ILLUMINANCE VALUE (fLUX) ROOM CAVITY RATIO ALLOWED LPD FLOOR AREA ALLOWED WATTS (E x F)
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A B C D E F G
ROOM NUMBER PRIMARY FUNCTION AREA ILLUMINANCE VALUE (fLUX) ROOM CAVITY RATIO ALLOWED LPD FLOOR AREA ALLOWED WATTS (E x F)
PAGE TOTAL 0
If multiple pages are used, enter building total here 0

CA Building Energy Efficiency Standards - 2013 Nonresidential Compliance

June 2014

CERTIFICATE OF COMPLIANCE
Indoor Lighting - Tailored Method
Project Name: Best Buy- Riverside, CA #110
Date Prepared: 12/10/2014
NRCC-LTI-04-E
(Page 2 of 7)

Complete separate documents for Conditioned and Unconditioned Spaces.
This page is used to document: ☒ CONDITIONED SPACES ☐ UNCONDITIONED SPACES
D. TAILORED METHOD ADDITIONAL "USE IT OR LOSE IT" LIGHTING POWER ALLOWANCES
☐ Use this section to document and calculate additional lighting power for wall display, floor display, task, ornamental, special effects, or very valuable display case lighting.
☐ The additional lighting power allowance shall be the smaller of the allowed lighting power or the actual lighting power used.
☐ These additional lighting power allowances shall not be available when using §140.6(c)(3H) to determine the general lighting power allowance, when using the Complete Building Method, or for any areas using the Area Category Method.
D-1. Additional allowed lighting power for wall display lighting
☐ Floor displays shall not qualify for the wall display lighting power allowance.
☐ Qualifying wall lighting complies with the applicable requirements in §140.6(c)(3).
A B C D E F G H I J K
Primary Function Area Wall Display Length in (Linear Feet) Wall Display Power (W/lin foot) Allowed Watts (B x C) Luminaire Code Mounting Height Mounting height factor Watts per luminaire # luminaires Design Watts (G x H x I) Allowed Watts (smaller of D or J)
Sales Floor 276 14.00 3,864 FWE < 12 feet 1.00 27.0 69 1,863
12 feet to < 16 feet 0.87
16 feet or higher 0.77
Total for this Primary Function Area 1,863
< 12 feet 1.00
12 feet to < 16 feet 0.87
16 feet or higher 0.77
Total for this Primary Function Area
< 12 feet 1.00
12 feet to < 16 feet 0.87
16 feet or higher 0.77
Total for this Primary Function Area
Sum total power for wall display lighting for all function areas: 1,863

CA Building Energy Efficiency Standards - 2013 Nonresidential Compliance

June 2014

CERTIFICATE OF COMPLIANCE - USER INSTRUCTIONS
Indoor Lighting - Tailored Method
NRCC-LTI-04-E
(Page 6 of 7)

ROOM CAVITY RATIO (RCR) WORKSHEET
RECTANGULAR SPACES
A B C D E F
Room Number Task/Activity Description Room Length (L) (ft) Room Width (W) (ft) Room Cavity Height (H) (ft) RCR 5 x H x L x W / L x W x W
Warehousing Retail Sales, Wholesale 5,539.0 439.0 5.5 1.09
Sales Floor Retail Sales, Wholesale 44,545.0 944.0 13.5 0.72
Hub Room Retail Sales, Wholesale 508.0 94.0 5.5 2.54
NON-RECTANGULAR SPACES
A B C D E F
Room Number Task/Activity Description Room Area (A) (ft²) Room Perimeter (P) (ft) Room Cavity Height (H) (ft) RCR 2.5 x H x P / A
Warehousing Retail Sales, Wholesale 5,539.0 439.0 5.5 1.09
Sales Floor Retail Sales, Wholesale 44,545.0 944.0 13.5 0.72
Hub Room Retail Sales, Wholesale 508.0 94.0 5.5 2.54

CA Building Energy Efficiency Standards - 2013 Nonresidential Compliance

June 2014

Abdul Salehi, Architect
REL 949-707-3348 FAX 714-864-3327
14711 DARTMOUTH CIRCLE, DARTMOUTH, CA 92780

DUNHAM
Dunham Associates of Minnesota, Inc.
10000 Minnesota Avenue, Suite 100
Minneapolis, Minnesota 55412-1540
Phone: 612.465.7550 Fax: 612.465.7551
Web: dunhaminc.com

PROJECT#: 415752-050
SQ. FT. CALCS
RETAIL: 51,140 SF
OFFICES: 2,069 SF
STORAGE/REMANUFACTURING: 4,212 SF
INSTALL: 999 SF
TOTAL: 58,420 SF
CONCEPT: 45K C5
CONCEPT DATE: XX.XX.XX
G.O. -21 FIXTURE REL XX.XX.XX
G.O. -13 FINAL REL XX.XX.XX
PROTOTYPE DATE: XX.XX.XX
STORE NUMBER: 0110

BEST BUY

3900 TYLER STREET,
RIVERSIDE, CA

BID/PERMIT SET
12/12/14

REV DATE
△
△
△
△
△

T-24 FORMS
E5.1

ARCHITECT
SEAL
CONSULTANT
LOCATION
DATE
REVISIONS
SHEET

CERTIFICATE OF COMPLIANCE – USER INSTRUCTIONS	NRCC-LTI-04-E
Indoor Lighting – Tailored Method	(Page 7 of 7)

DOCUMENTATION: AUTHOR'S DECLARATION STATEMENT	
1. I certify that this Certificate of Compliance documentation is accurate and complete.	
Documentation Author Name: DUSTIN KWATKOWSKI	Documentation Author Signature: <i>Dustin Kwatkowski</i>
Company: Dunham Associates of Minnesota, Inc.	Signature Date: 12/10/2014
Address: 50 S. 6TH STREET	CSA/HERS Certification Identification (if applicable):
City/State/Zip: MINNEAPOLIS, MN 55402	Phone: 612 465-7670
RESPONSIBLE PERSON'S DECLARATION STATEMENT	
1. I certify the following under penalty of perjury, under the laws of the State of California:	
2. The information provided on this Certificate of Compliance is true and correct.	
3. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer).	
4. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.	
5. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.	
6. I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.	
Responsible Designer Name: Jay Rohkohl	Responsible Designer Signature:
Company: Dunham	Date Signed: 12/11/14
Address: 50 S. Sixth Street	License: 19292
City/State/Zip: Minneapolis, MN 55402	Phone: 612465-7550

STATE OF CALIFORNIA	
LINE-VOLTAGE TRACK LIGHTING WORKSHEET	
RECORDS DIVISION (Revised 08/14)	
CERTIFICATE OF COMPLIANCE	
Indoor Lighting – Line-Voltage Track Lighting Worksheet	
Project Name: Best Buy- Riverside, CA #110	Date Prepared: 12/10/2014

☐ There are four different methods available for determining how many watts of line-voltage track or line-voltage busway has been installed. One or more methods may be used to determine how many watts of line-voltage track or line-voltage busway has been installed. Use this worksheet to separately calculate the input wattage for each system.

☐ Separately enter each row of this worksheet into the Luminaire Schedule in section C of NRCC-LTI-01-E

☐ Method 1 is the only option available for determining wattage for track or busway rated for more than 20 amperes

METHOD 1 – VOLT-AMPERE (VA) RATING OF THE BRANCH CIRCUIT(S)	
A	B
BRANCH CIRCUIT NAME OR ID	VOLT-AMPERE (VA) RATING OF THE BRANCH CIRCUIT

METHOD 2 – USE THE HIGHER OF 45 WATTS PER LINEAR FOOT OF TRACK OR TOTAL RATED WATTAGE OF ALL LUMINAIRES					
A	B	C	D	E	F
Track or Name #	Linear Feet of Track	[W]/[F]	B x C (W)	TOTAL RATED WATTAGE OF ALL LUMINAIRES	LARGER OF (D or E)
TRACK	8	45	360	22	360
		45			
		45			

METHOD 3 – USE THE HIGHER OF: 12.5 WATTS / LINEAR FOOT OF TRACK – OR VA RATING OF INTEGRAL CURRENT LIMITER					
<input type="checkbox"/> Only integral current limiters which are certified to the Energy Commission shall be recognized by the Standards.					
<input type="checkbox"/> This method shall not be recognized if an Installation Certificate is not submitted.					
A	B	C	D	E	F
Track or Name #	Linear Feet of Track	[W]/[F]	B x C (W)	VA Rating of Integral Current Limiter	Larger of (D or E)
		12.5			
		12.5			
		12.5			

METHOD 4 - DEDICATED TRACK LIGHTING SUPPLEMENTARY OVERCURRENT PROTECTION PANEL			
<input type="checkbox"/> This method shall not be recognized if an Installation Certificate is not submitted.			
<input type="checkbox"/> This method shall be used only for line-voltage track lighting, and shall not be recognized for any other lighting systems. If any other lighting systems or devices are installed, the supplementary overcurrent protection panel shall not be recognized for compliance with the Standards.			
A	B	C	D
Name or ID	Voltage of the Branch Circuit	Sum of the Ampere Rating of all Devices Installed in the Panel	Wattage = Sum of the Ampere Ratings of all of the Devices Times The Branch Circuit Voltage (B x C)

STATE OF CALIFORNIA	
LINE-VOLTAGE TRACK LIGHTING WORKSHEET	
RECORDS DIVISION (Revised 08/14)	
CERTIFICATE OF COMPLIANCE	
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Project Name: Best Buy- Riverside, CA #110	Date Prepared: 12/10/2014

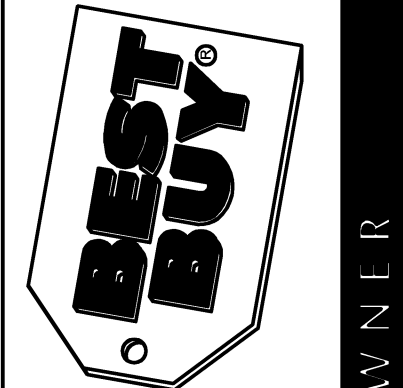
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Abdul Salehi, Architect
REL 949-701-3348 FAX 714-884-3327
14711 DARYMOUTH CREST, CA 92780

DUNHAM
Dunham Associates of Minnesota, Inc.
10000 Hennepin Avenue, Suite 100
Minneapolis, Minnesota 55442-1540
Phone: 612.465.7550 FAX: 612.465.7551
Web: dunhameng.com

PROJECT#: 415752-050
SQ. FT. CALCS
RETAIL: 51,140 SF
OFFICES: 2,069 SF
STORAGE/REMANUFACTURING: 4,212 SF
INSTALL: 999 SF
TOTAL: 58,420 SF

CONCEPT: 45K C5
CONCEPT DATE: XX.XX.XX
G.O. -21 FIXTURE REL. XX.XX.XX
G.O. -13 FINAL REL. XX.XX.XX
PROTOTYPE DATE: XX.XX.XX
STORE NUMBER: 0110



**3900 TYLER STREET,
RIVERSIDE, CA**

BID/PERMIT SET
12/12/14

REV	DATE
△	
△	
△	
△	
△	
△	