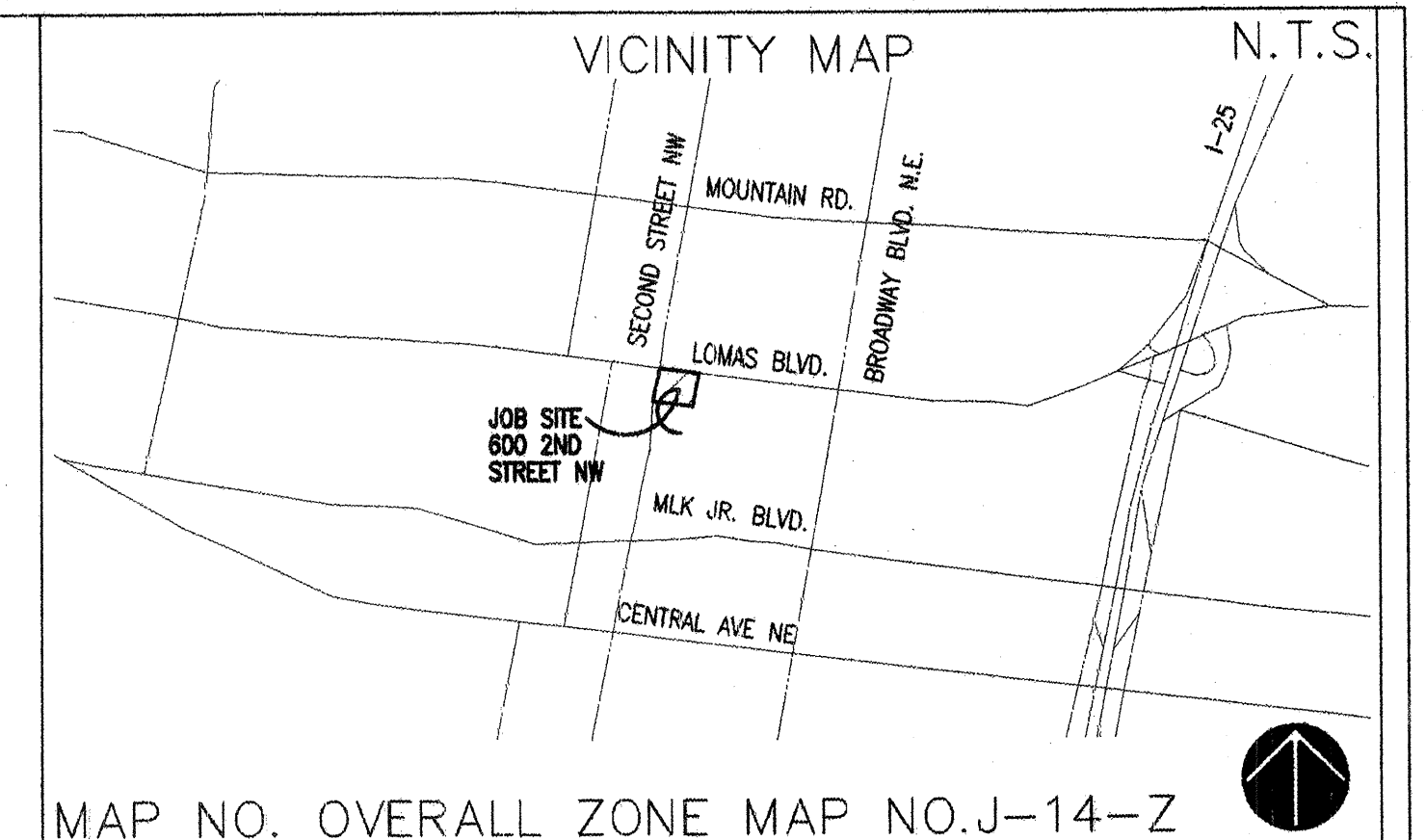


100% CONSTRUCTION DOCUMENTS SUBMITTAL

ALBUQUERQUE, NEW MEXICO

721203



GENERAL NOTES

1. ALL WORK ON THESE PLANS TO BE PERFORMED UNDER CONTRACT, EXCEPT AS OTHERWISE STATED OR PROVIDED HEREIN, SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS - PUBLIC WORKS CONSTRUCTION - 1986 EDITION, AS AMENDED THROUGH UPDATE #7.
2. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR SHALL CONTACT NEW MEXICO ONE CALL SYSTEM, 260-1890, FOR LOCATION INFORMATION OF EXISTING UTILITIES.
3. IF ANY UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINES ARE SHOWN ON THESE DRAWINGS THEY ARE SHOWN IN AN APPROXIMATE MANNER ONLY, AND SUCH LINES MAY EXIST WHERE NONE ARE SHOWN. IF ANY SUCH EXISTING LINES ARE SHOWN, THE INFORMATION IS BASED ON INFORMATION PROVIDED BY THE OWNER OF SAID UTILITY, AND THE INFORMATION MAY BE INCOMPLETE, OR MAY BE OBSOLETE BY THE TIME CONSTRUCTION COMMENCES. THE LANDSCAPE ARCHITECT HAS CONDUCTED ONLY PRELIMINARY INVESTIGATION OF THE LOCATION, DEPTH, SIZE, OR TYPE OF EXISTING UTILITY LINES, PIPELINES OR UNDERGROUND UTILITY LINES. THIS INVESTIGATION IS NOT CONCLUSIVE, AND IS NOT BE COMPLETE, THEREFORE, MAKES NO REPRESENTATION PERTAINING THERETO, AND ASSUMES NO RESPONSIBILITY OR LIABILITY. THEREFORE THE CONTRACTOR SHALL INFORM ITSELF OF THE LOCATION OF ANY UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINE OR NEAR THE AREA OF THE WORK IN ADVANCE OF AND DURING EXCAVATION WORK. THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY AND ALL DAMAGE CAUSED BY ITS FAILURE TO LOCATE, IDENTIFY AND PRESERVE ANY AND ALL EXISTING UTILITIES, PIPELINES, AND UNDERGROUND LINE IN PLANNING AND CONDUCTING EXCAVATION WORK. THE CONTRACTOR SHALL COMPLY WITH STATE STATUTES, MUNICIPAL AND LOCAL ORDINANCES, RULES AND REGULATIONS, IF ANY, PERTAINING TO THE LOCATION OF THESE UTILITY LINES AND FACILITIES.
4. SHOULD A CONFLICT EXIST BETWEEN THESE PLANS AND THE ACTUAL FIELD CONDITIONS, THE CONTRACTOR SHALL PROMPTLY NOTIFY THE LANDSCAPE ARCHITECT IN WRITING SO THAT THE CONFLICT CAN BE RESOLVED WITH THE MINIMUM AMOUNT OF DELAY FOR ALL PARTIES.
5. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ADJACENT PROPERTIES DURING CONSTRUCTION.
6. ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH THE APPLICABLE FEDERAL, STATE AND LOCAL LAWS, RULES AND REGULATIONS CONCERNING SAFETY AND HEALTH.
7. ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.
8. BACKFILL COMPACTION SHALL BE ACCORDING TO SPECIFIED STREET USE.
9. CONTRACTOR SHALL COORDINATE WITH THE WATER SYSTEM DIVISION FOR THE EXECUTION OF THE VALVE SHUT OFF PLAN, NOT LESS THAN SEVEN (7) WORKING DAYS IN ADVANCE OF ANY WORK THAT MAY AFFECT THE EXISTING PUBLIC WATER UTILITY. ONLY WATER SYSTEM PERSONNEL SHALL OPERATE EXISTING VALVES. REFER TO SECTION 18 OF THE SPECIFICATIONS.
10. CONTRACTOR SHALL NOTIFY CITY SURVEYING NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT CITY SURVEYING MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT AND PERMISSION OF CITY SURVEYING. REPLACEMENT SHALL BE DONE ONLY BY CITY SURVEYING, WHEN A CHANGE IS MADE IN THE FINISHED ELEVATION OF THE PAVEMENT OF ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED, CONTRACTOR SHALL, AT ITS OWN EXPENSE, ADJUST THE MONUMENT AND ITS COVER TO THE NEW GRADE UNLESS OTHERWISE SPECIFIED. REFER TO SECTION 4.4 OF THE SPECIFICATIONS.
11. FIVE (5) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO THE CONSTRUCTION COORDINATION DIVISION, A DETAILED CONSTRUCTION SCHEDULE TWO (2) DAYS PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL OBTAIN A BARRIAGE PERMIT FROM THE CONSTRUCTION COORDINATION DIVISION. CONTRACTOR SHALL EMPLOY A BARRIAGE ENGINEER (92-540) PRIOR TO OCCUPYING AN INTERSECTION. CONTRACTOR MUST REFER TO SECTION 19 OF THE STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL.
12. ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED IN KIND BY CONTRACTOR TO LOCATION AND IN KIND AS EXISTING OR AS INDICATED BY THIS PLAN SET.
13. CAUTION, THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY WHICH SHALL REMAIN THE RESPONSIBILITY OF THE CONTRACTOR.
14. ANY WORK AFFECTING AN ARTERIAL ROADWAY REQUIRES TWENTY-FOUR (24) HOUR CONSTRUCTION.
15. ANY SIGNAL CONDUITS, LOOPS, PULL BOXES OR OTHER TRAFFIC UTILITIES THAT ARE DAMAGED BY CONSTRUCTION OPERATIONS SHALL BE REPLACED BY THE CONTRACTOR.
16. ANY SIDEWALK, RAMPS, CURBS AND GUTTER, OR OTHER CITY FACILITY DAMAGED BY CONSTRUCTION OPERATIONS SHALL BE REPLACED BY THE CONTRACTOR.

INDEX OF DRAWINGS

SHEET TITLE

COVER SHEET

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ARCHITECTURAL

A1.01 FLOOR PLAN, REFLECTED CEILING PLAN, SCHEDULES AND NOTES
A2.01 INTERIOR ELEVATIONS
A2.02 INTERIOR ELEVATIONS, MILLWORK AND DOOR AND WINDOW DETAILS
A4.01 ENLARGED PLATFORM PLAN, STAIR AND RAMP SECTIONS AND DETAILS
A4.02 INTERIOR DETAILS

MECHANICAL AND PLUMBING

M1	MECHANICAL DEMOLITION PLAN
M2	MECHANICAL PLAN
M3	MECHANICAL PIPING PLAN
M4	MECHANICAL ROOF PLAN
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M6	MECHANICAL DETAILS
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ELECTRICAL

- E 1.01 LIGHTING PLAN
- E 2.01 POWER AND SPECIAL SYSTEMS PLAN
- E 3.01 ELECTRICAL ROOF PLAN
- E 4.01 ELECTRICAL SCHEDULES AND DETAILS

APPROVAL OF RECORD DRAWING
CHIEF CONSTRUCTION ENGINEER
DATE 8/21/07
GEORGE GEE

GARRETT SMITH LTD
DESIGN, ARCHITECTURE & DEVELOPMENT

514 CENTRAL SW
ALBUQUERQUE
NEW MEXICO
8 7 1 0 2
505/766-6968
FAX/243-4508

[illegible]

RECORD DRAWINGS

1. Applicable Codes and Standards:
Uniform Building Code, 1997
2. Total Net Square Footage: 9,469 SF
3. Occupancy Classification:
Per UBC 302.1 (p.13), Section 304 (p.15)
Group B: Office
4. Allowable Floor Area
Per UBC Table 5-B (p.59)
Group B: Type 2-N (See Fire Resistive Substitution below)
Basic Allowable Area for Type 5B = 12,000 SF
Total Allowable Area 12,000 SF > 9,469; OK
5. Fire Resistive Substitution
Per UBC Section 508 (p.54)
Group B: Type 2-N
FLOOR IS FULLY SPRINKLED

Project Description:
Existing Building: 9,469 SF Tenant Renovation
Project Location:
Plaza Del Sol, 6th Floor
600 2nd Street NW
Albuquerque, New Mexico 87102
Project Owner:
City of Albuquerque
Capital Implementation Program
City/County Government Building
One Civic Plaza NW
Room 7057 PO Box 1293
Albuquerque, New Mexico 87103

Map of Albuquerque, New Mexico, showing streets and landmarks. The map is oriented with North at the top. A black star marks the intersection of 3rd St NW and Broadway Blvd NE. The map includes labels for major roads like I-40, I-25, and I-17, and various local streets such as 1st St NW, 2nd St NW, 3rd St NW, 4th St NW, 5th St NW, 6th St NW, 7th St NW, 8th St NW, 9th St NW, 10th St NW, 11th St NW, 12th St NW, 13th St NW, 14th St NW, 15th St NW, 16th St NW, 17th St NW, 18th St NW, 19th St NW, 20th St NW, 21st St NW, 22nd St NW, 23rd St NW, 24th St NW, 25th St NW, 26th St NW, 27th St NW, 28th St NW, 29th St NW, 30th St NW, 31st St NW, 32nd St NW, 33rd St NW, 34th St NW, 35th St NW, 36th St NW, 37th St NW, 38th St NW, 39th St NW, 40th St NW, 41st St NW, 42nd St NW, 43rd St NW, 44th St NW, 45th St NW, 46th St NW, 47th St NW, 48th St NW, 49th St NW, 50th St NW, 51st St NW, 52nd St NW, 53rd St NW, 54th St NW, 55th St NW, 56th St NW, 57th St NW, 58th St NW, 59th St NW, 60th St NW, 61st St NW, 62nd St NW, 63rd St NW, 64th St NW, 65th St NW, 66th St NW, 67th St NW, 68th St NW, 69th St NW, 70th St NW, 71st St NW, 72nd St NW, 73rd St NW, 74th St NW, 75th St NW, 76th St NW, 77th St NW, 78th St NW, 79th St NW, 80th St NW, 81st St NW, 82nd St NW, 83rd St NW, 84th St NW, 85th St NW, 86th St NW, 87th St NW, 88th St NW, 89th St NW, 90th St NW, 91st St NW, 92nd St NW, 93rd St NW, 94th St NW, 95th St NW, 96th St NW, 97th St NW, 98th St NW, 99th St NW, 100th St NW. The map also shows the locations of the Albuquerque International Sunport, the Albuquerque Convention Center, and the Albuquerque Convention Center. The map is oriented with North at the top.

OWNER
City of Albuquerque
Capital Implementation Program
Department of Municipal Development
City/County Government Building
One Civic Plaza NW
Room 7057 PO Box 1293
Albuquerque, New Mexico 87103
Demetrio Griego, Project Manager
(505) 768-3838

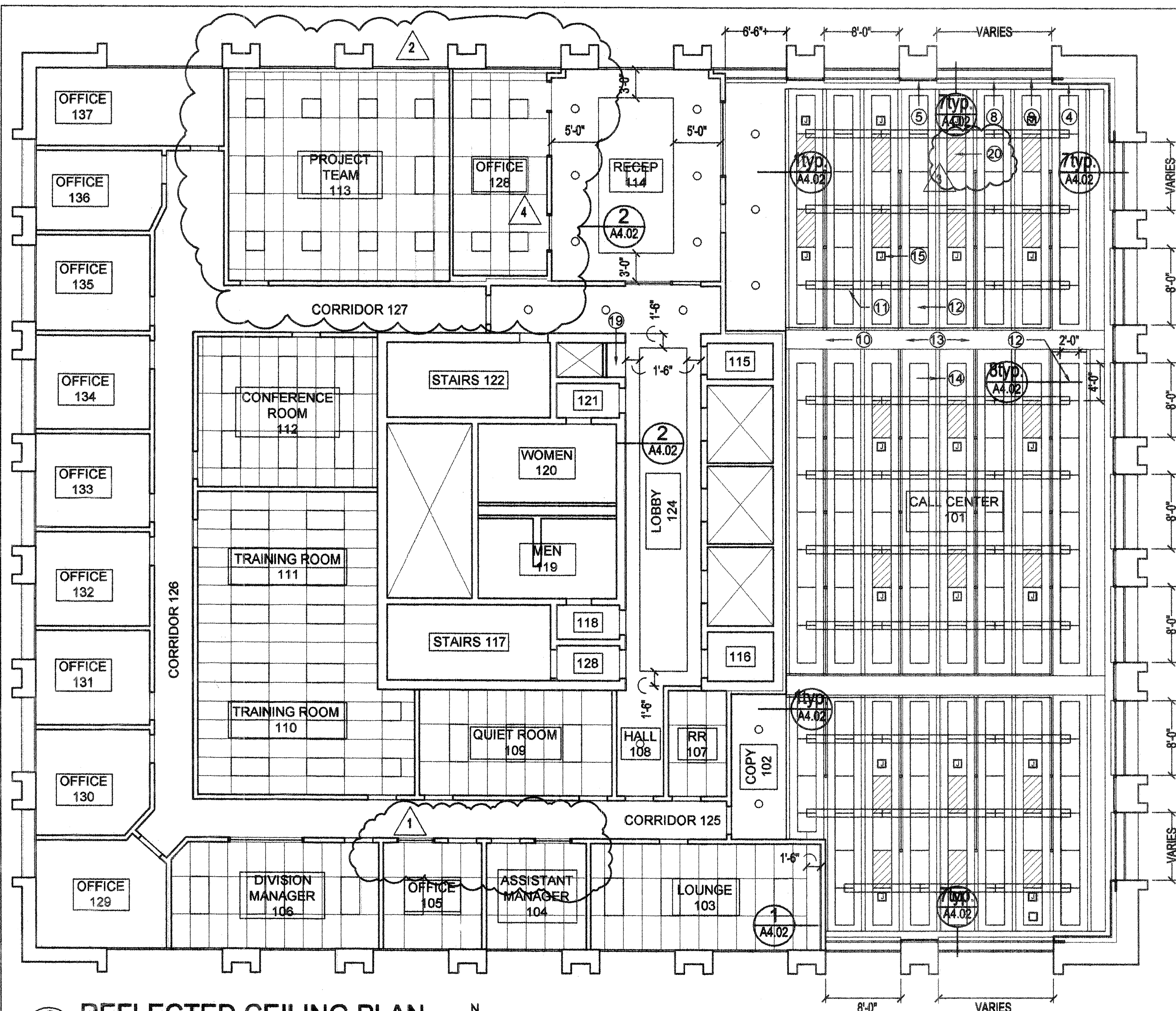
ARCHITECT
Garrett L. Smith, AIA
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MECHANICAL ENGINEERING
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Albuquerque, NM 87112
(505) 323-7629
Russ Abliri, PE

ELECTRICAL ENGINEERING
The Response Group, Inc.
11930 Menaul N.E. Suite 214
Albuquerque, NM 87112
(505) 323-7629
Richard Perea, PE

ACCUOS.	ACCOUSTICAL	ELEC.	ELECTRICAL	JST.	JOIST	R.H.M.S.	ROUND HEAD MACHINE SCREW
A.B.	ANCHOR BOLT	ELEV.	ELEVATOR	R.H.W.S.			ROUND HEAD WOOD SCREW
A.D.	AREA DRAIN	EMER.	EMERGENCY	RED			REDWOOD
ADJ.	ADJUSTABLE	ENCL.	ENCLOSURE	R.W.L.			RAIN WATER LEADER
AGGR.	AGGREGATE	E.P.	ELECTRICAL PANEL BOARD	LAB.	LABORATORY	S.	SOUTH
AL.	ALUMINUM	EQ.	EQUAL	LAM.	LAMINATE	S.C.	SOLID CORE
APPROX.	APPROXIMATE	EQUIP.	EQUIPMENT	LAV.	LAVATORY	S.C.D.	SEAT COVER DISPENSER
ARCH.	ARCHITECTURAL	E.W.C.	ELECTRIC WATER COOLER	LKR.	LOCKER	SCHED.	SCHEDULE
ASPH.	ASPHALT	EXIST. or	EXISTING	LT.	LIGHT	S.D.	SOAP DISPENSER
A.F.F.	ABOVE FINISH FLOOR	(E)				SECT.	SECTION
BD.	BOARD	EXPO.	EXPOSED	MAT.	MATERIAL	SH.	SHIELD
BITUM.	BITUMINOUS	EXP.	EXPANSION	M.C.	MEDICINE CABINET	SHR.	SHOWER
BLDG.	BUILDING	EXT.	EXTERIOR	MECH.	MECHANICAL	SHT.	SHEET
BLK.	BLOCK	F.A.	FIRE ALARM	MEMB.	MEMBRANE	SHTHG.	SHEATHING
BLKG.	BLOCKING	F.B.	FLAT BAR	MFR.	MANUFACTURED	SIM.	SIMILAR
BM.	BEAM	F.D.	FLOOR DRAIN	M.H.	MAN HOLE	S.N.D.	SANITARY NAPKIN DISPENSER
BSOT.	BOTTOM	FDN.	FOUNDATION	M.M.	MINIMUM	S.N.R.	SANITARY NAPKIN
B.U.R.	BUILT UP ROOFING	F.E.	FIRE EXTINGUISHER	MIR.	MIRROR	SPEC.	SPECIFICATION
CAB.	CABINET	F.E.C.	FIRE EXTINGUISHER CABINET	MISC.	MISCELLANEOUS	S.Q.	SQUARE
C.B.	CATCH BASIN	F.H.C.	FIRE HOSE CABINET	M.O.	MASONRY OPENING	S.S.	STAINLESS STEEL
CEM.	CEMENT	FIN.	FINISH	MTD	MOUNTED	S.S.	SERVICE SINK
CER.	CERAMIC	F.H.W.S.	FLAT HEAD MACHINE SCREW	MUL.	MULLION	STA.	STATION
C.I.	CAST IRON	FL.	FLOOR	N.	NORTH	STD.	STANDARD
C.J.	CONTROL JOINT	FLASH.	FLASHING	N.I.C.	NOT IN CONTRACT	STL.	STEEL
C.G.	CORNER GUARD	FLOUR.	FLOURESCENT	NO. or #	NUMBER	STOR.	STORAGE
CLG.	CEILING	F.O.C.	FACE OF CONCRETE	NOM.	NOMINAL	STR.	STRUCTURAL
CLK.	CALKING	F.O.F.	FACE OF FINISH	N.T.S.	NOT TO SCALE	SUSP.	SUSPENDED
CLS.	CLOSET	F.O.S.	FACE OF STUDS			SYM.	SYMMETRICAL
CLR.	CLEAR	FRP.	FIREPROOF	O.A.	OVERALL		
C.O.	CASED OPENING	F.S.	FULL SIZE	OBS.	OBSCURE	T.	TREAD
COL.	COLUMN	FT.	FOOT or FEET	O.C.	ON CENTER	T.B.	TOWEL BAR
CONC.	CONCRETE	FTG.	FOOTING	O.D.	OUTSIDE DIAMETER	T.C.	TOP OF CURB
C.M.U.	CONCRETE MASONRY UNIT	FURR.	FURRING	OFF.	OFFICE	TEL.	TELEPHONE
CONN.	CONNECTION	FUT.	FUTURE	OPNG.	OPENING	TER	TERRAZZO
CONSTR.	CONSTRUCTION			OPP.	OPPOSITE	T. & G.	TONGUE AND GROOVE
CONT.	CONTINUOUS	G.I.	GALVANIZED IRON	O.H.	OPPOSITE HAND	THK.	THICK
CORR.	CORRIDOR	GALV.	GALUGE	OV.	OVER	T.P.	TOP OF PAVEMENT
CTSK.	COUNTERSUNK	GALV.	GALVANIZED			T.P.D.	TOILET PAPER DISPENSER
CNTR.	COUNTER	G.B.	GRAB BAR	PRCST.	PRECAST	T.V.	TELEVISION
CTR.	CENTER	GL.	GLASS	PL.	PLATE	T.O.	TOP OF
OPT.	CARPET	GND.	GROUND	P.LAM.	PLASTIC LAMINATE	T.W.	TOP OF WALL
		GR.	GRADE	PLAS.	PLASTER	TYP.	TYPICAL
DBL.	DOUBLE	GYP.	GYPSUM	PLYWD.	PLYWOOD		
DEPT.	DEPARTMENT			PR.	PAIR	UNF.	UNFINISHED
D.F.	DRINKING FOUNTAIN	H.B.	HOSE BIB	PT.	POINT	U.O.N.	UNLESS OTHERWISE NOTED
DET.	DETAIL	H.C.	HOLLOW CORE	P.T.D.	PAPER TOWEL DISPENSER	UR.	URINAL
DIA.	DIAMETER	H.D.	HARDWARE	P.T.D. / R.	COMBINATION PAPER TOWEL		
DIM.	DIMENSION	HDWE.	HARDWARE		DISPENSER/RECEPTACLE	V.C.T.	VINYL COMPOSITION TILE
DISP.	DISPENSER	H.M.	HOLLOW METAL	PTN.	PARTITION	VERT.	VERTICAL
DN.	DOWN	HORIZ.	HORIZONTAL	P.T.R.	PAPER TOWEL RECEPTACLE	VEST.	VESTIBULE
D.O.	DOOR OPENING	HR.	HOUR			V.W.C.	VINYL WALL COVERING
DR.	DOOR	HGT.	HEIGHT	Q.T.	QUARRY TILE		
DWR.	DRAWER	H.C.	HANDICAPPED			W.I.	WROUGHT IRON
DS.	DOWNSPOUT	H.C.D.F.	HANDICAPPED DRINKING	R.	RISER	W.	WEST
D.S.P.	DRY STANDPIPE		FOUNTAIN	RAD.	RADIUS	W /	WITH
DWG.	DRAWING	I.D.	INSIDE DIAMETER	R.D.	ROOF DRAIN	W.C.	WATER CLOSET
DW.	DISHWASHER	INSUL.	INSULATION	REF.	REFERENCE	WD.	WOOD
		INT.	INTERIOR	REINF.	REINFORCED	W / O	WITHOUT
E	EAST			REQ.	REQUIRED	WP.	WATERPROOF
EA	EACH			RESIL.	RESILIENT	WSCT.	WAINSCOT
EJ.	EXPANSION JOINT	JAN.	JANITOR	RM.	ROOM	WT.	WEIGHT
EL.	ELEVATION	JT.	JOINT	R.O.	ROUGH OPENING	WIN	WINDOW

GARRETT SMITH LTD DESIGN, ARCHITECTURE & DEVELOPMENT	514 CENTRAL SW ALBUQUERQUE NEW MEXICO 8 7 1 0 2 505 / 766-6968 FAX / 243-4508	NO.	DATE						
CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT									
TITLE: CITIZEN CONTACT CENTER OCTOBER, 2004 <i>DESIGN CRITERIA, PROJECT DIRECTORY, INDEX OF DRAWINGS</i>									
Design Review Committee		City Engineer Approval		Last Design Update	MO./DAY/YR		MO./DAY/YR		
City Project No. 721203		Zone Map No. J-14-Z			Sheet 2		Of 18		



2 REFLECTED CEILING PLAN
A1.01 SCALE: 1/8"=1'-0"

DOOR SCHEDULE

DOOR #	FRAME MAT.	DOOR MAT.	DOOR SIZE	REMARKS
001	HM	WD	30'-6"	MILL FIN. 2 X 5-1/4" ALUM. STOREFRONT
002	HM	WD	30'-6"	EXISTING DOOR, KEY CARD ACCESS
003	HM	WD	30'-6"	EXISTING DOOR, KEY CARD ACCESS
004	HM	WD	30'-6"	EXISTING DOOR, REFINISH
005	HM	WD	30'-6"	EXISTING DOOR, REFINISH
006	HM	WD	30'-6"	EXISTING DOOR, REFINISH
007	HM	WD	30'-6"	EXISTING DOOR, REFINISH
008	HM	WD	30'-6"	EXISTING DOOR, REFINISH
009	HM	WD	30'-6"	EXISTING DOOR, REFINISH
010	HM	WD	30'-6"	EXISTING DOOR, REFINISH
011	HM	WD	30'-6"	EXISTING DOOR, REFINISH
012	HM	WD	30'-6"	EXISTING DOOR, REFINISH
013	HM	WD	30'-6"	NOT USED
014	HM	WD	30'-6"	EXISTING DOOR, REFINISH

DOOR #	FRAME MAT.	DOOR MAT.	DOOR SIZE	REMARKS
015	HM	WD	30'-6"	EXISTING DOOR, REFINISH
016	HM	WD	30'-6"	EXISTING DOOR, REFINISH
017	HM	WD	30'-6"	EXIST. DR., REFINISH, KEY CARD ACCESS
018	HM	WD	30'-6"	EXISTING DOOR, REFINISH
019	HM	WD	30'-6"	EXISTING DOOR
020	HM	WD	30'-6"	EXISTING DOOR
021	HM	HM	30'-6"	EXISTING DOOR, REPAINT
022	WD	HM	30'-6"	EXISTING DOOR
023	WD	HM	30'-6"	EXISTING DOOR
024	WD	HM	30'-6"	EXISTING DOOR
025	WD	HM	30'-6"	EXISTING DOOR
026	WD	HM	30'-6"	EXISTING DOOR
027	WD	HM	30'-6"	EXISTING DOOR
028	HM	HM	30'-6"	EXISTING DOOR, REPAINT

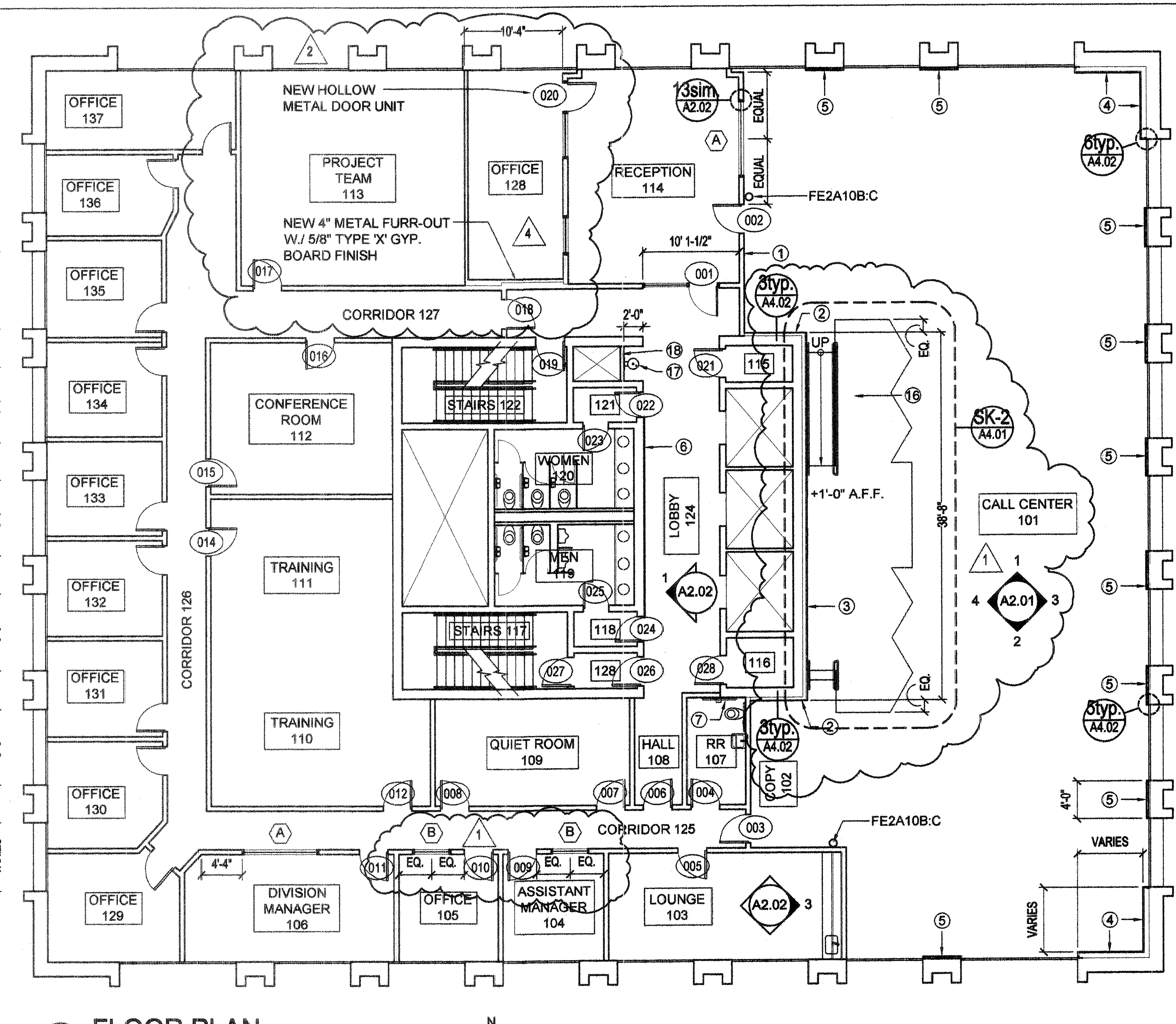
WINDOW SCHEDULE

WINDOW #	FRAME MAT.	WINDOW SIZE	WINDOW BLINDS	SILL	JAMB	HEAD	REMARKS
A	HM	8'-0" x 4'-4"	MB	6/A-7.02	10sim/A-7.02	10/A-7.02	INSTALL MINI BLINDS AT ALL WINDOWS IN ROOMS 103, 104, 105, 106, 113, & 114

HM: HOLLOW METAL
WD: SOLID CORE WOOD SLAB
STL: STEEL

GLAZING LEGEND
(a) SINGLE GLAZED CLEAR TEMPERED GLASS
(b) SINGLE GLAZED CLEAR FLOAT GLASS

ALL GLAZING TO COMPLY W./ IBC 2003, SECTION 2406
ALL DOORS TO COMPLY W./ ANSI A117.1



1 FLOOR PLAN
A1.01 SCALE: 1/8"=1'-0"

KEY NOTES

- NEW INFILL 5/8" TYPE 'X' GYP. BD. OVER METAL FRAMING, TO SOFFIT OR AS REQD.
- 5/8" TYPE 'X' GYP. BD. OVER 4" METAL FRAMING, TO SOFFIT OR AS REQD.
- 1-1/2" ACOUSTIC PANELS ON 5/8" TYPE 'X' GYP. BD. ON 4" METAL FRAMING, TO DECK
- 1-1/2" ACOUSTIC PANEL ON 1/2" GYP. BD. ON 6" METAL FRAMING, TO DECK
- 1-1/2" ACOUSTIC PANEL ON EXISTING STRUCTURE
- WALL FINISH AS SCHEDULED
- REINSTALL GRAB BAR WITH BLOCKING, IN WALL, REPAIR WALL AS REQD.
- MECHO SHADE CLOSURE PANEL
- MECHO SHADE SLOT
- SPRINKLER HEAD AND PIPING
- SUSPENDED LIGHT FIXTURE
- 1-1/2" SUSPENDED ACOUSTICAL PANEL
- EXISTING STRUCTURAL BEAM @ 9'-10" A.F.F.
- EXISTING STRUCTURAL "T" @ 11'-6" A.F.F.
- OUTLET FOR POWER AND TELECOM DROP
- ELEVATED PLATFORM
- NEW DRINKING FOUNTAIN
- NEW TILE FIN. ON 5/8" TYPE 'X' GYP. BD. ON METAL FRAMING
- NEW GYP. BD. SOFFIT @ 8'-10" A.F.F.
- REMOVABLE PANEL, TYPICAL

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CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT

TITLE: CITIZEN CONTACT CENTER
FLOOR PLAN, REFLECTED CEILING PLAN, SCHEDULES AND NOTES

DESIGNED BY: LM
DRAWN BY: LM
CHECKED BY: RJ

DATE: SEPTEMBER 2004
DATE: SEPTEMBER 2004
DATE: SEPTEMBER 2004

REVISIONS / REMARKS

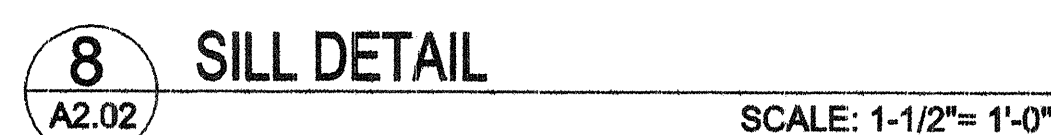
NO.	DATE	REVISIONS / REMARKS
1	11/04/04	SK-1, SK-3
2	11/04/04	SK-6, SK-7, SK-9
3	11/23/04	SK-10
4	01/06/05	SK-21

City Project No. 721203

Zone Map No. J-14-Z

Sheet 3 of 18

NO.	DATE	REVISIONS /	REMARKS	BY
A	11/23/04	Sk-13		
DESIGNED BY: LM			DATE: SEPTEMBER 2004	
DRAWN BY: LM			DATE: SEPTEMBER 2004	
CHECKED BY: RJ			DATE: SEPTEMBER 2004	

[illegible]

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RECORD DRAWINGS

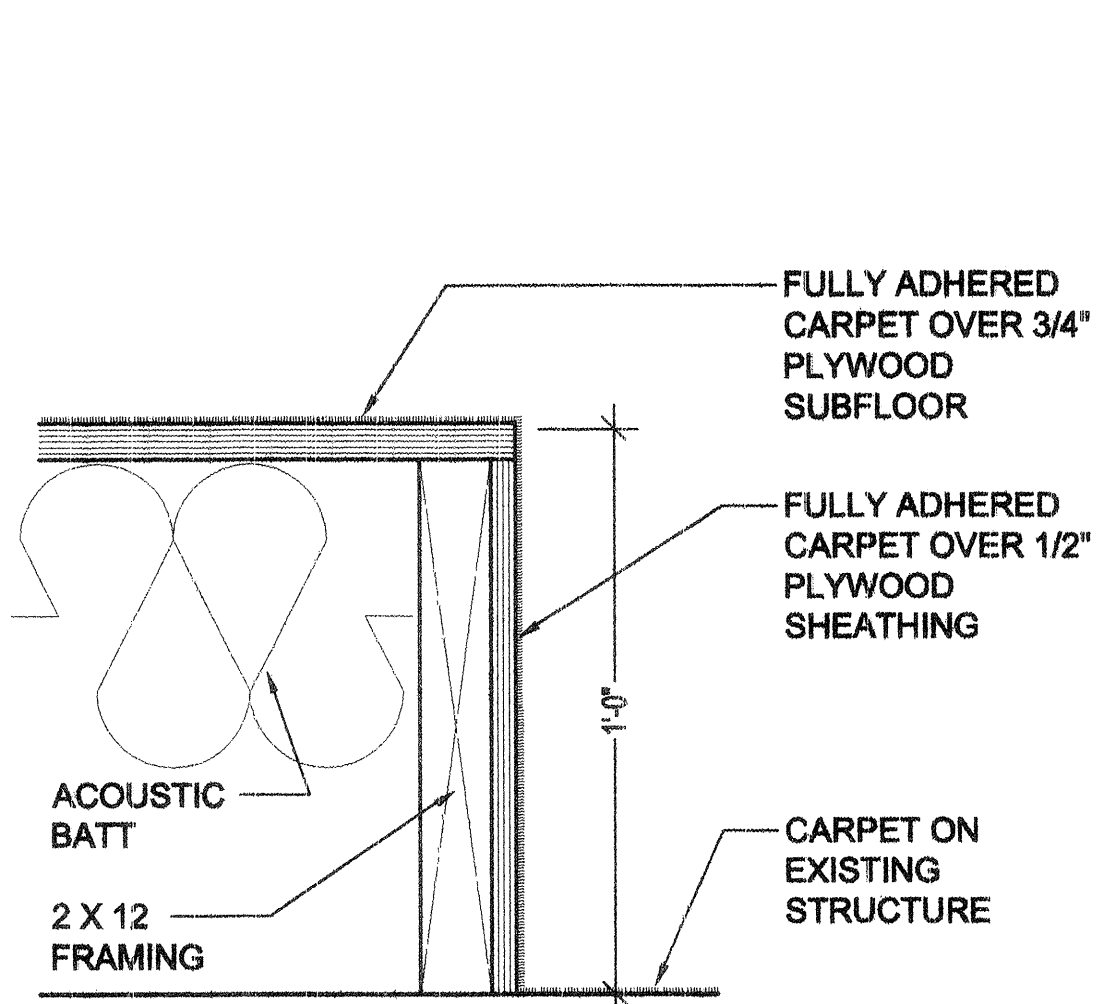
SHT. A2.02

FINISH SCHEDULE

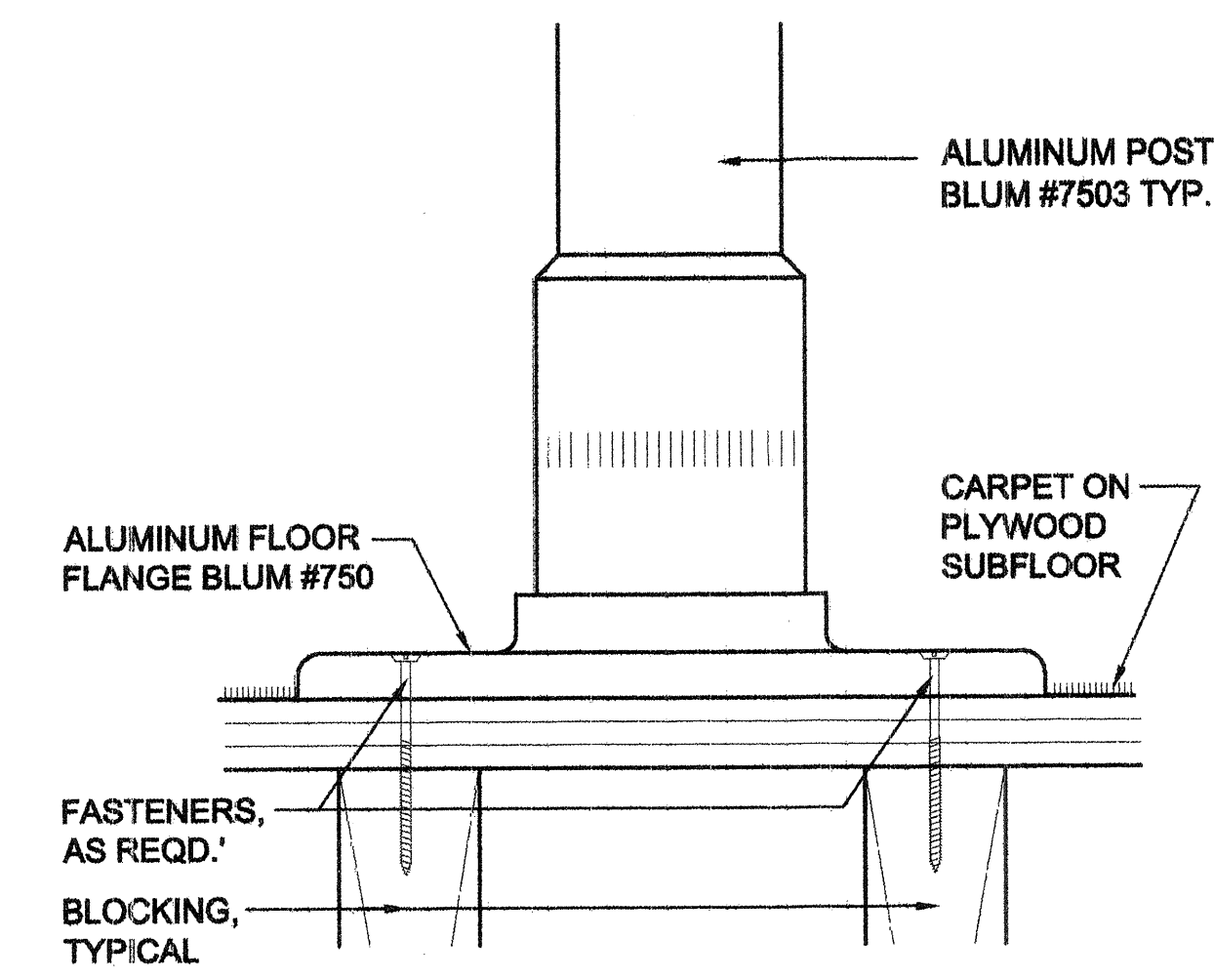
ROOM #	NAME	FLOOR	BASE	WALL	CEILING	HEIGHT	REMARKS
101	CALL CENTER	CPT	RB	PGB/AP	ES/AP		SEE 1/2 A1.01
102	COPY	CPT	RB	PGB	PGB	8'-0"	SEE 1/2 A1.01
103	LOUNGE	CPT	RB	PGB	ACT	8'-0"	NEW CARPET, BASE, PAINT, ACT
104	ASST. MANAGER	CPT	RB	PGB	ACT	8'-0"	NEW CARPET, BASE, PAINT, ACT
105	OFFICE	CPT	RB	PGB	ACT	8'-0"	NEW CARPET, BASE, PAINT, ACT
106	DIVISION MANAGER	CPT	RB	PGB	ACT	8'-0"	NEW CARPET, BASE, PAINT, ACT
107	RESTROOM	EX	EX	PGB	ACT	8'-0"	NEW PAINT, ACT
108	HALL	CT	CT	WC/AP	PGB	8'-0"	SEE 1/2 A1.01
109	QUIET ROOM	CPT	RB	PGB	ACT	8'-0"	NEW CARPET, BASE, PAINT, ACT
110	TRAINING ROOM	CPT	RB	PGB	ACT	8'-0"	NEW CARPET, BASE, PAINT, ACT
111	TRAINING ROOM	CPT	RB	PGB	ES	8'-0"	NEW CARPET, BASE, PAINT, ACT
112	CONFERENCE	CPT	RB	PGB	ACT	8'-0"	NEW CARPET, BASE, PAINT, ACT
113	PROJECT TEAM	CPT	RB	PGB	ACT	8'-0"	NEW CARPET, BASE, PAINT, ACT
114	RECEPTION	CPT	RB	PGB	PGB	8'-0"/9'-4"	NEW CARPET, BASE, PAINT, ACT
124	LOBBY	CT	CT	WC	PGB	8'-0"/9'-4"	FLOOR TILE 12 X 12 FIANDRE GRANITI SERIES "ASIAGO", MATTE
125	CORRIDOR	CPT	RB	PGB			NEW CARPET, BASE, PAINT, ACT
126	CORRIDOR	CPT	RB	PGB			NEW CARPET, BASE, PAINT, ACT
127	CORRIDOR	CPT	RB	PGB			NEW CARPET, BASE, PAINT, ACT
128	OFFICE	CPT	RB	PGB	ACT	8'-0"	SEE SK 6-8

FINISH LEGEND

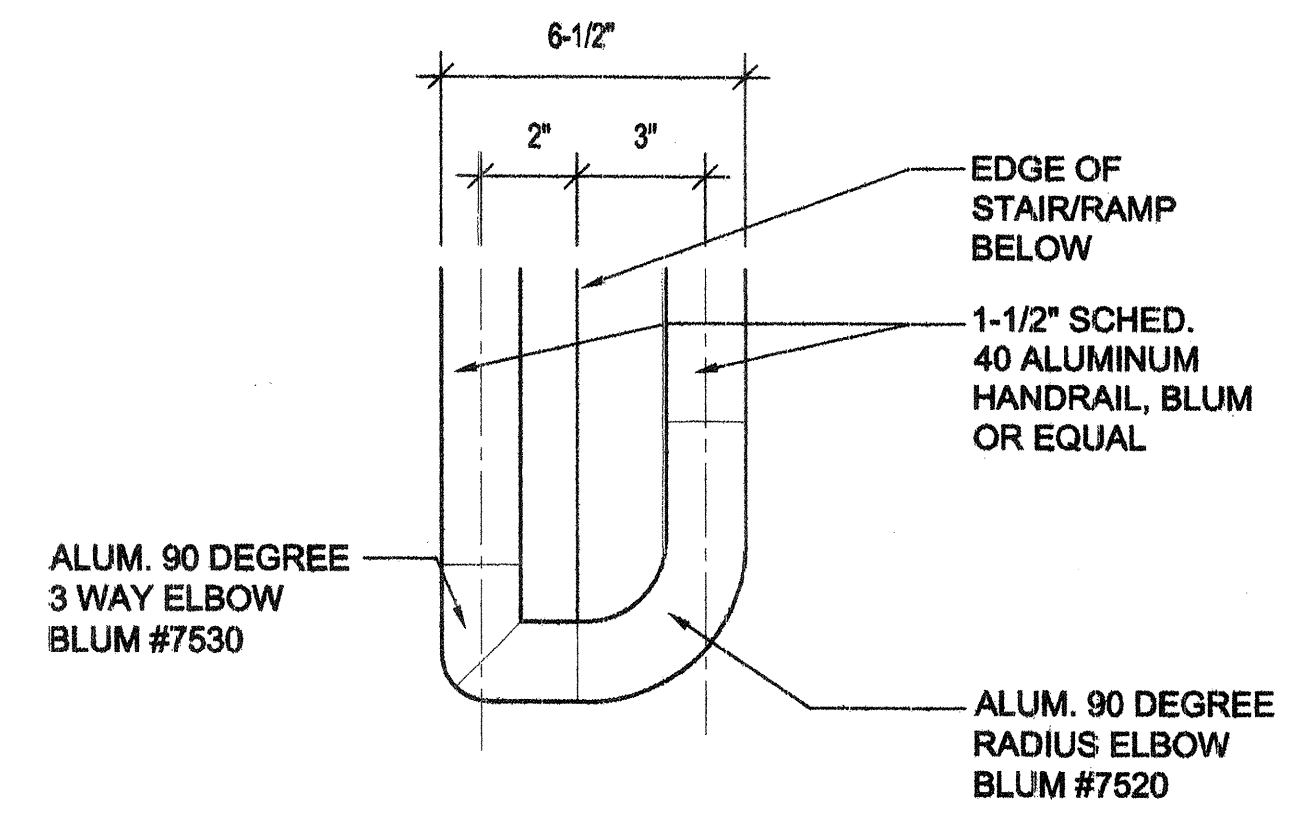
FLOOR
CPT CARPET
CT CERAMIC TILE
EX EXISTING TO REMAIN
BASE
RB RESILIENT BASE
CTB CERAMIC TILE BASE
EX EXISTING TO REMAIN
WALLS
PGB PAINTED GYPSUM BOARD
AP ACOUSTICAL PANEL
WC WALL COVERING
CEILING
PGB PAINTED GYPSUM BOARD
ACT SUSPENDED ACOUSTICAL TILE
ES EXPOSED STRUCTURE
AP ACOUSTICAL PANEL



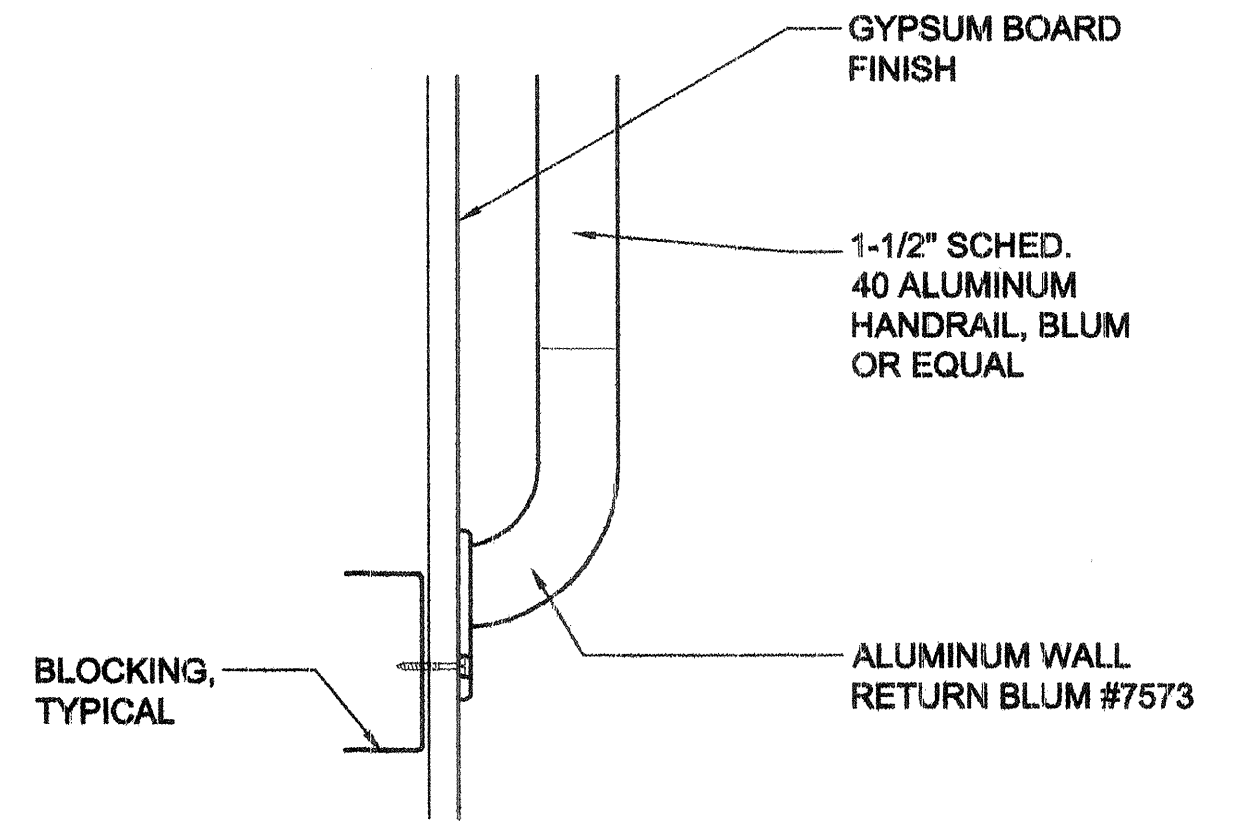
8 PLATFORM DETAIL
A-4.01 NOT TO SCALE



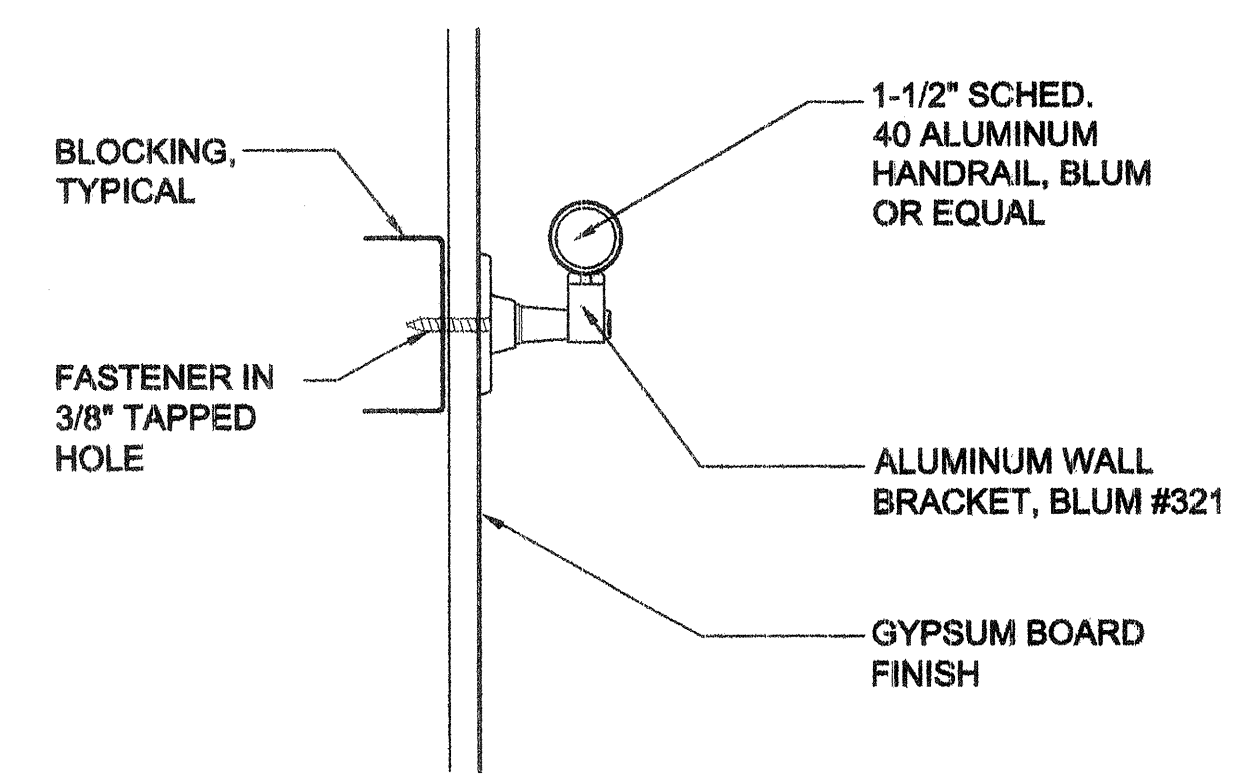
7 STANCHION DETAIL
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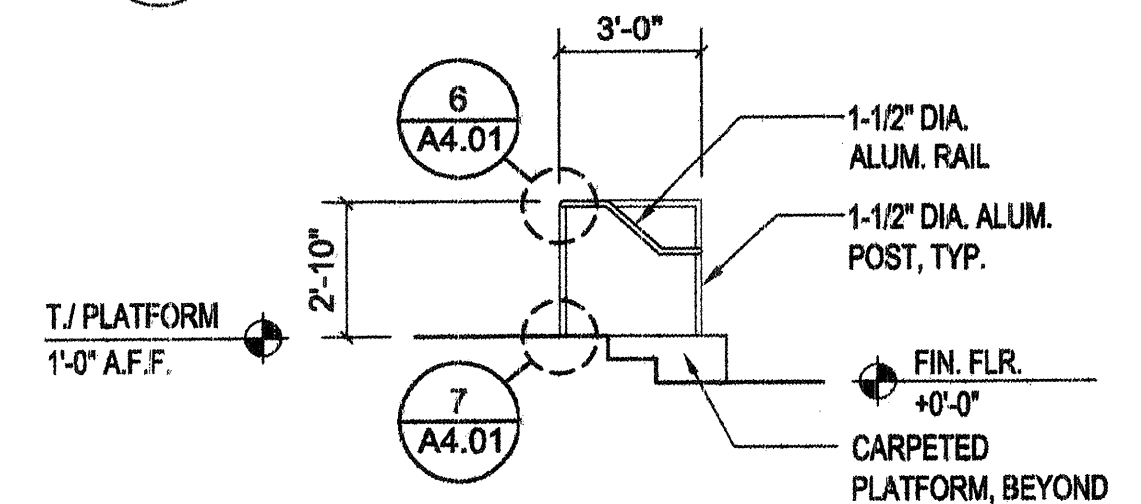
6 HANDRAIL RETURN DETAIL
A-4.01 NOT TO SCALE



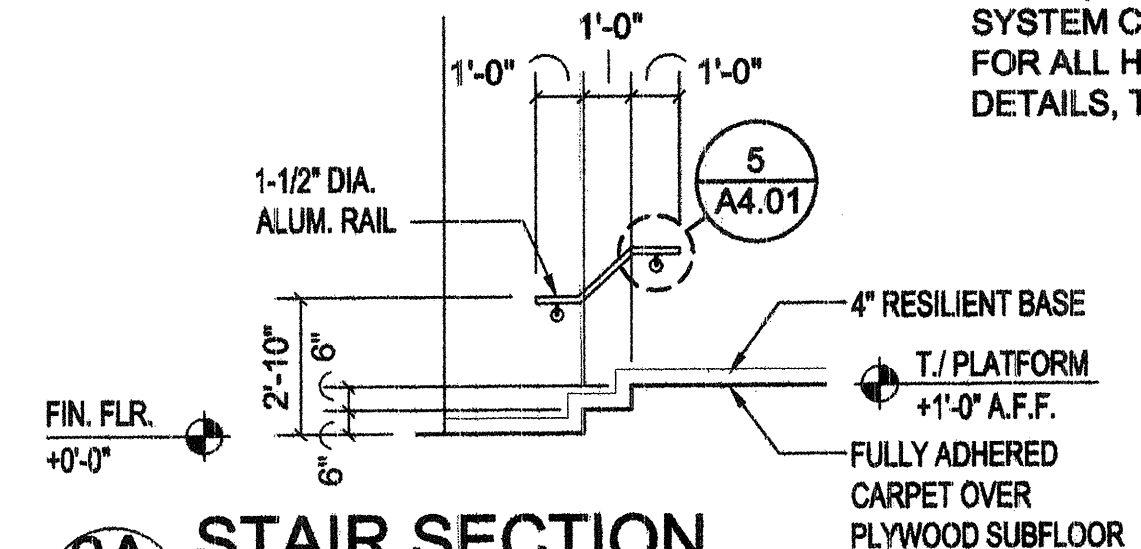
5 HANDRAIL RETURN DETAIL
A-4.01 NOT TO SCALE



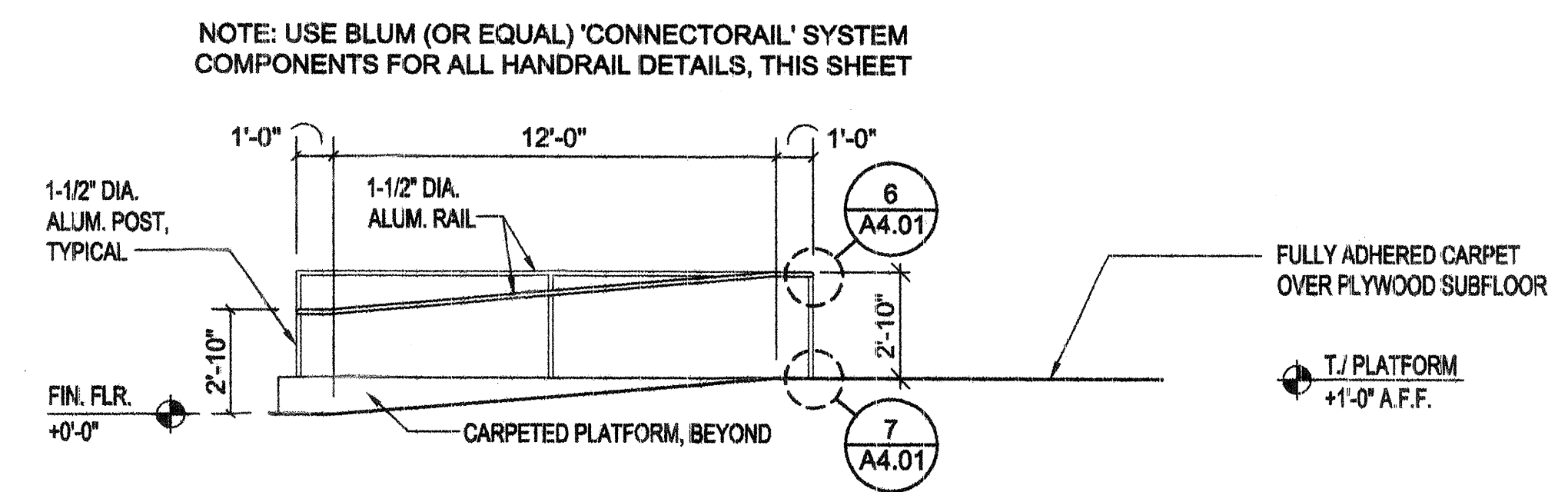
4 HANDRAIL DETAIL
A-4.01 NOT TO SCALE



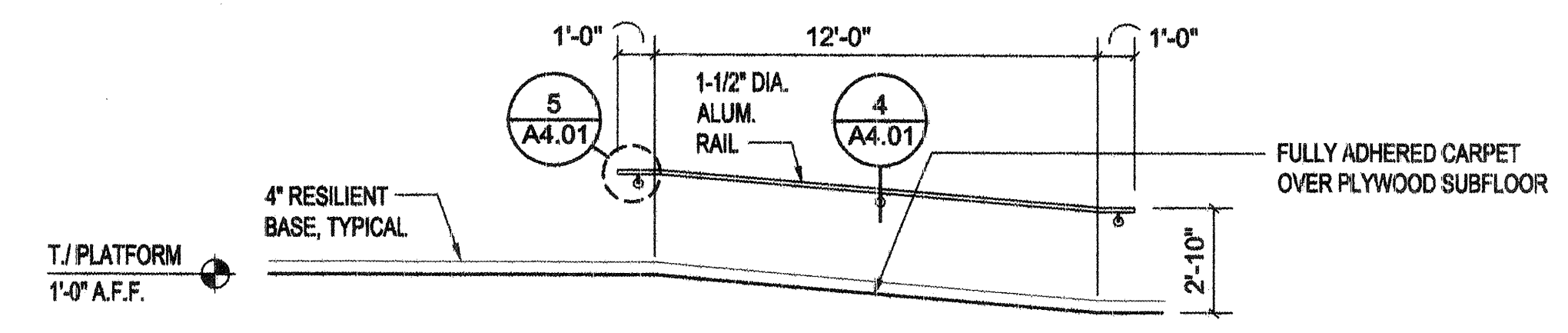
3B STAIR SECTION
A-4.01 SCALE: 1/4"=1'-0"



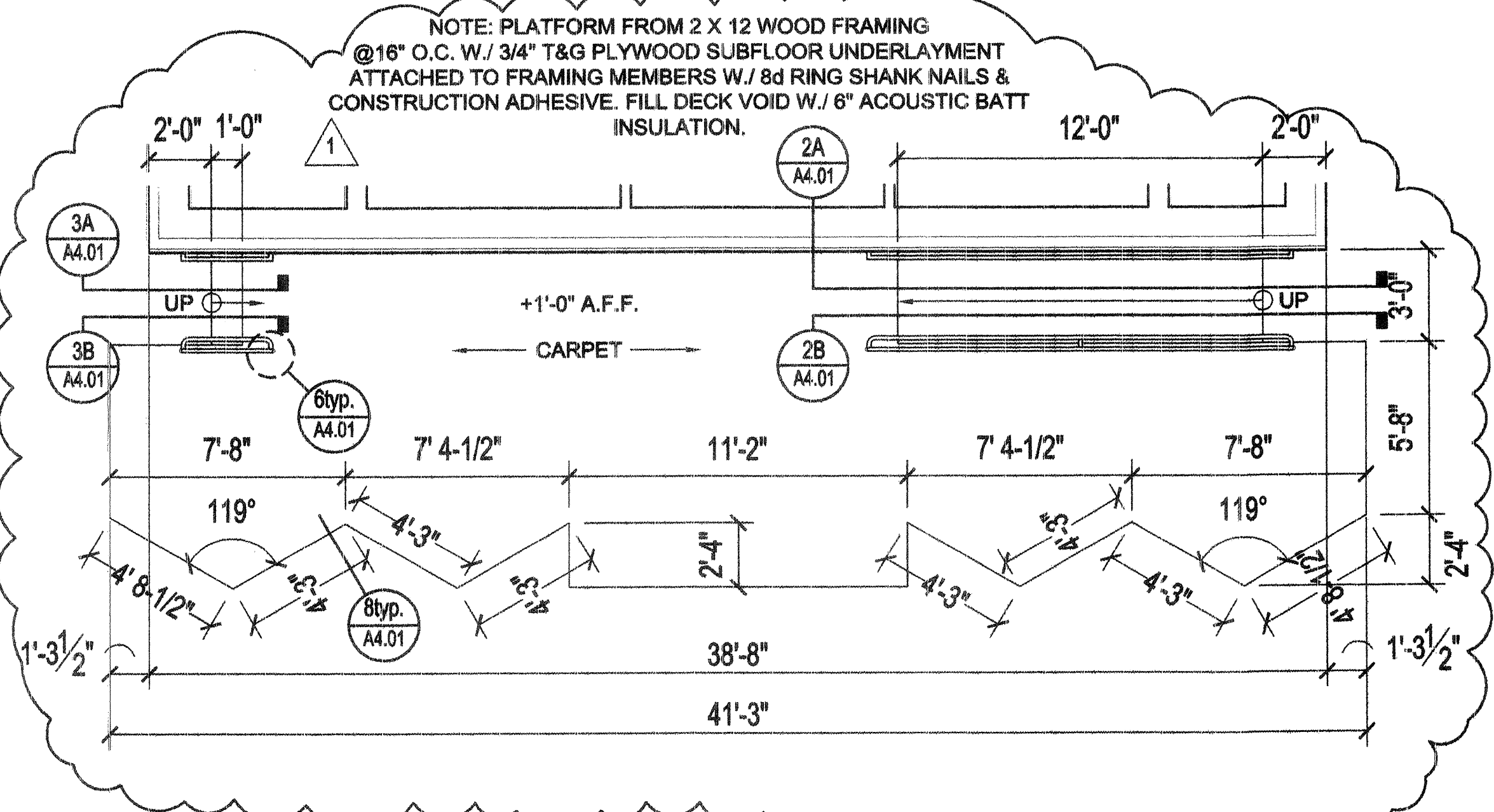
3A STAIR SECTION
A-4.01 SCALE: 1/4"=1'-0"



2B RAMP SECTION
A-4.01 SCALE: 1/4"=1'-0"



2A RAMP SECTION
A-4.01 SCALE: 1/4"=1'-0"



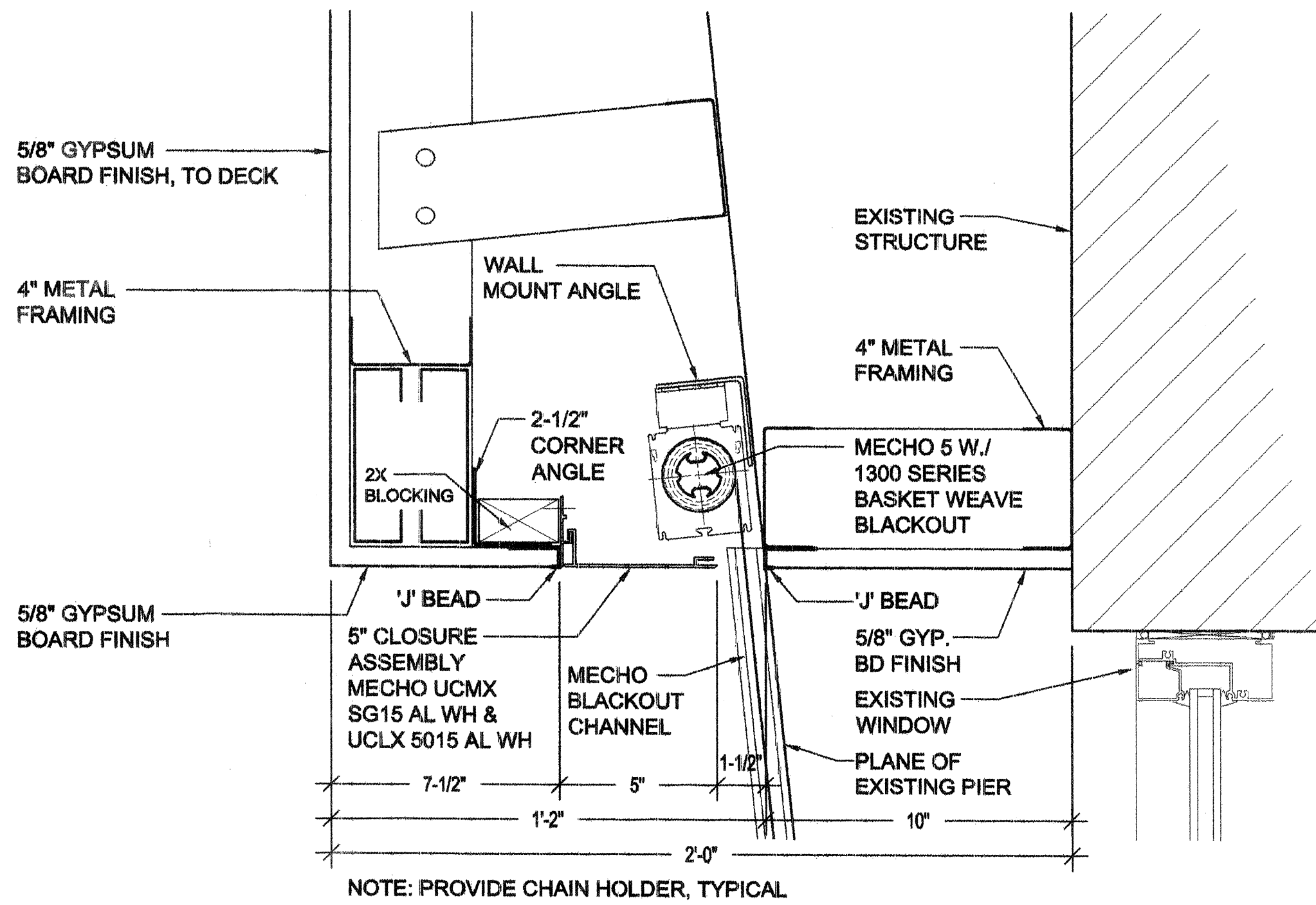
1 ENLARGED PLATFORM PLAN
A-4.01 SCALE: 1/4"=1'-0"

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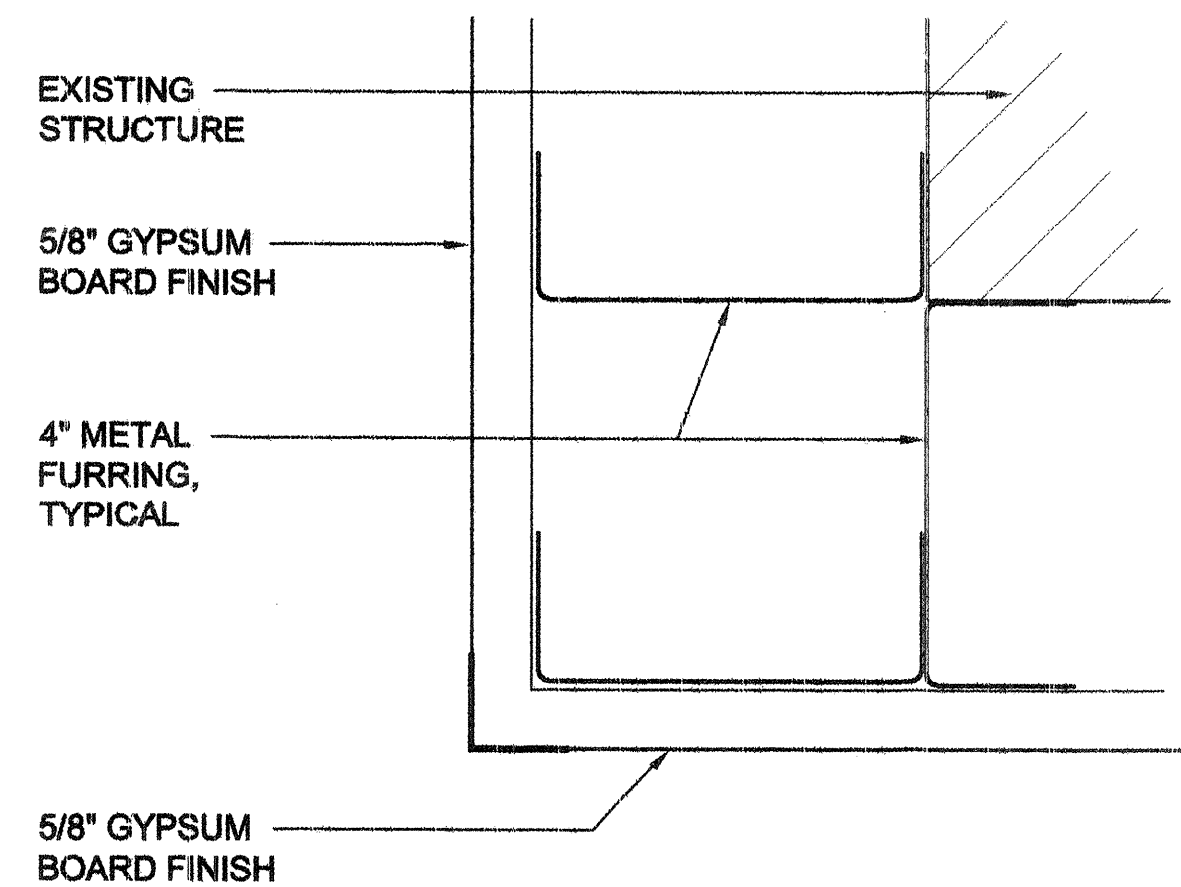
514 CENTRAL SW
ALBUQUERQUE
NEW MEXICO
8 7 1 0 2
505/766-6968
FAX/243-4508

SHT. A4.01

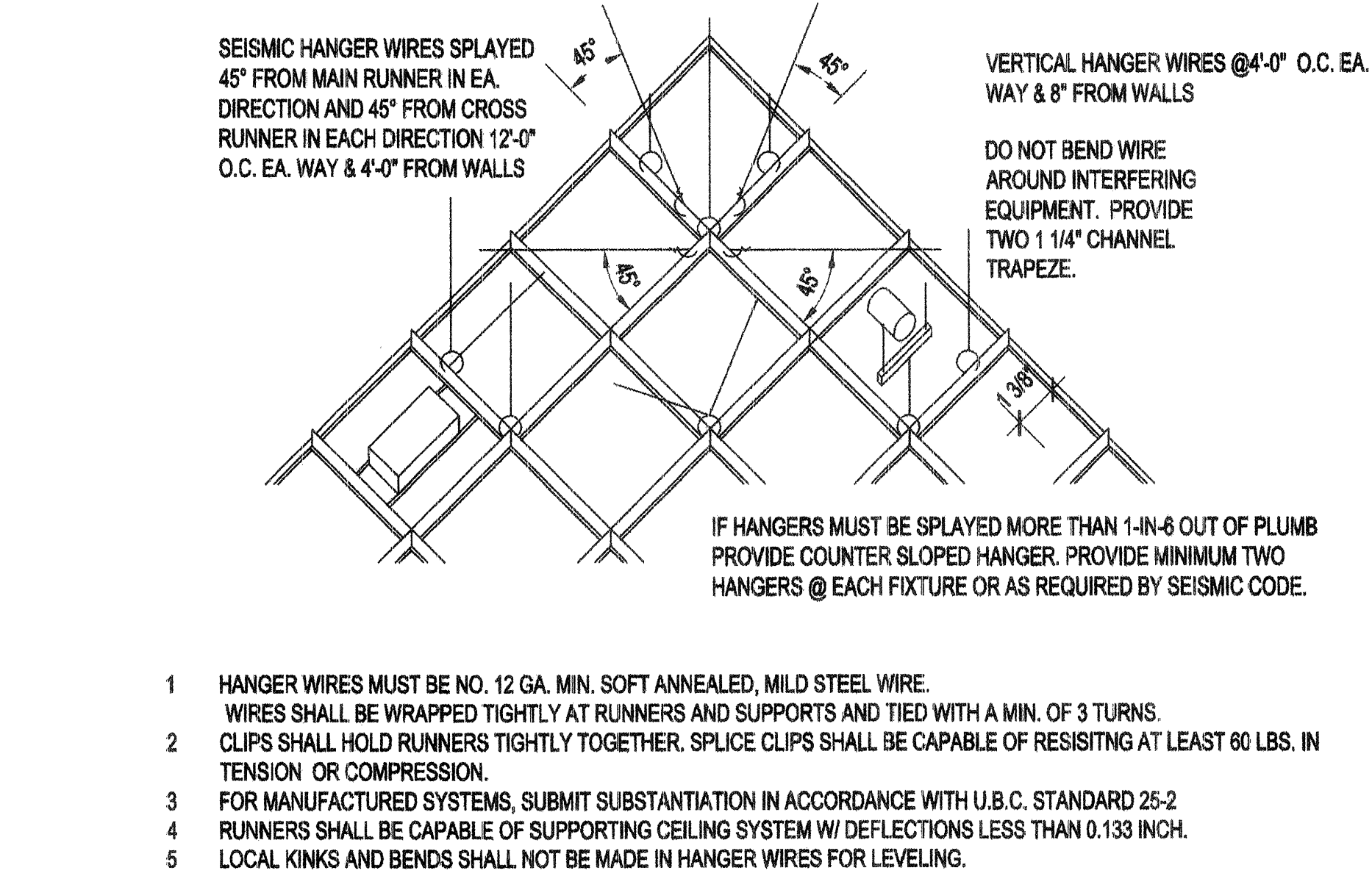
CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT	
TITLE: CITIZEN CONTACT CENTER PLATFORM PLAN, RAMP/STAIR DETAILS AND FINISH SCHEDULE	
Design Review Committee	City Engineer Approval
City Project No. 721203	Zone Map No. J-14-Z
Sheet 6	Of 18



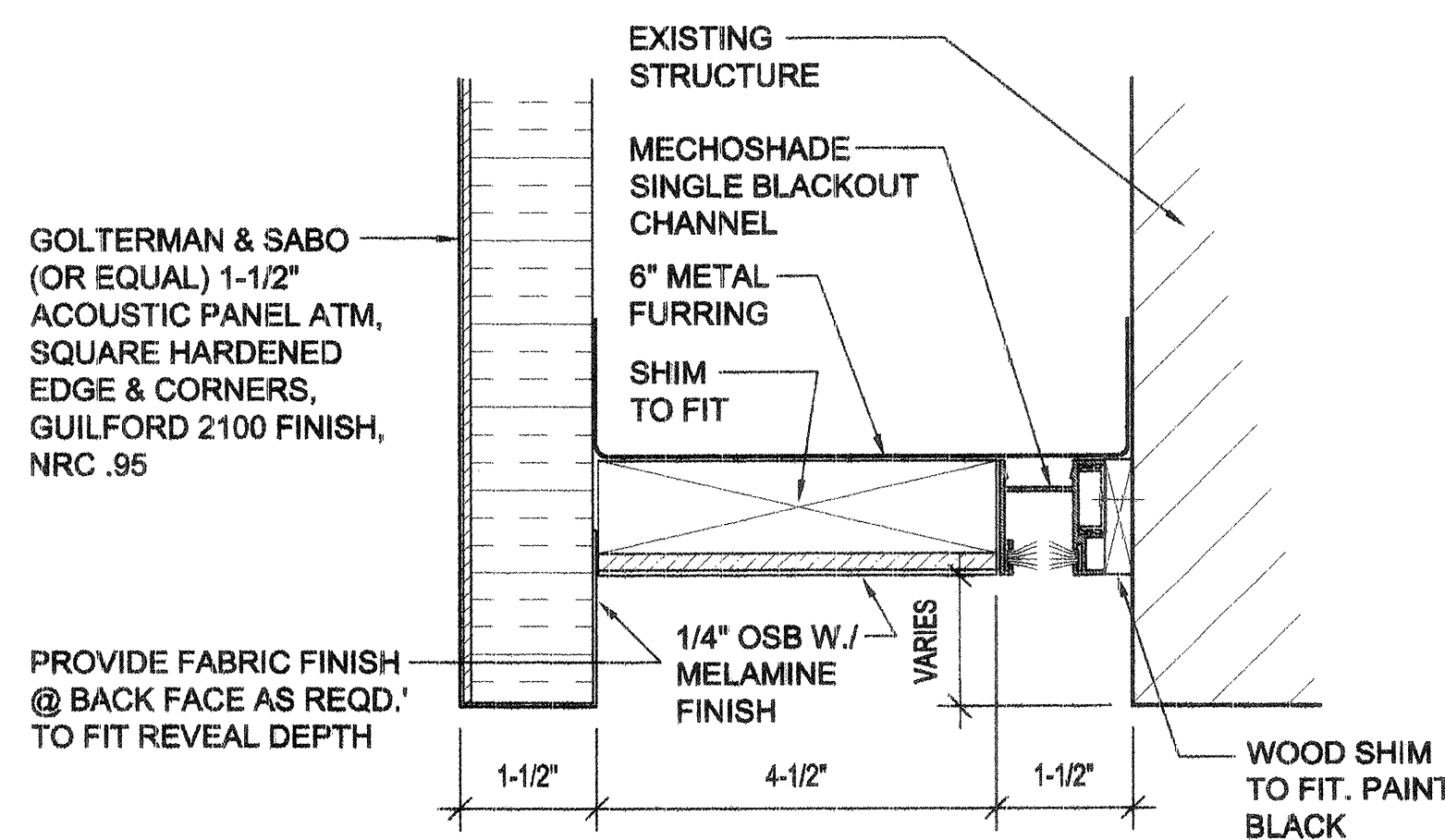
7 MECHOSHADE AND CLOSURE PANEL DETAIL @ SOFFIT
A4.02 SCALE: 1-1/2"= 1'-0"



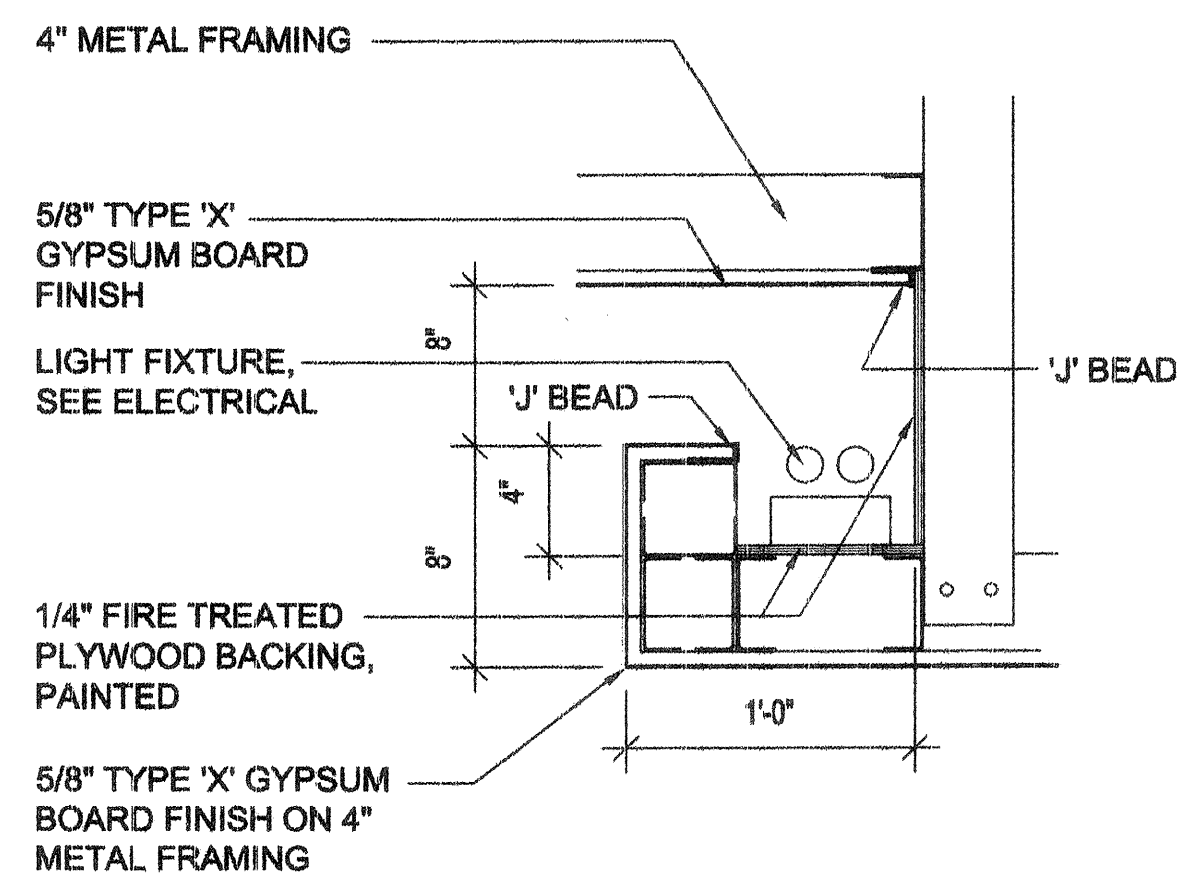
3 FURRING DETAIL
A4.02 SCALE: 3"= 1'-0"



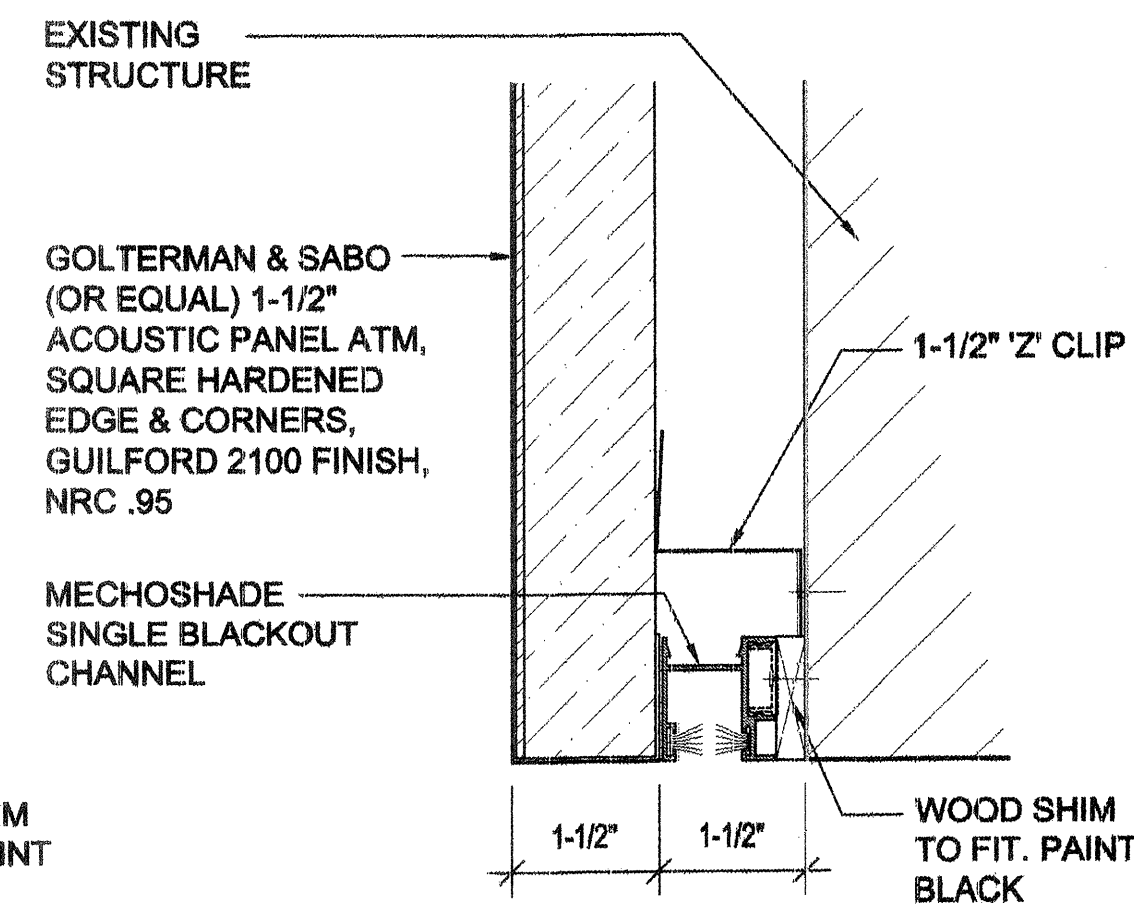
9 SUSPENDED CEILING GRID DETAIL
A4.02 NOT TO SCALE



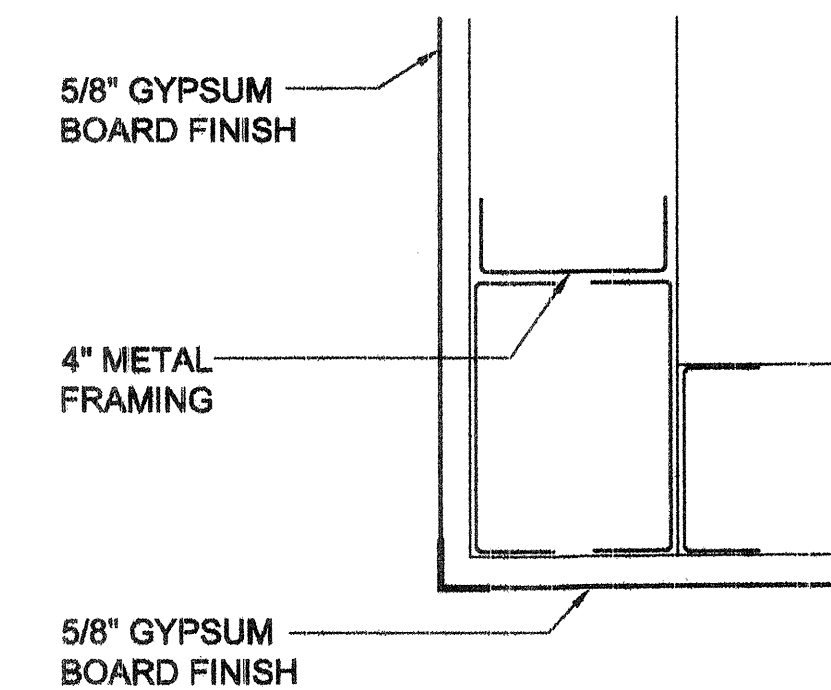
6 BLACKOUT CHANNEL DETAIL @ 6\"/>



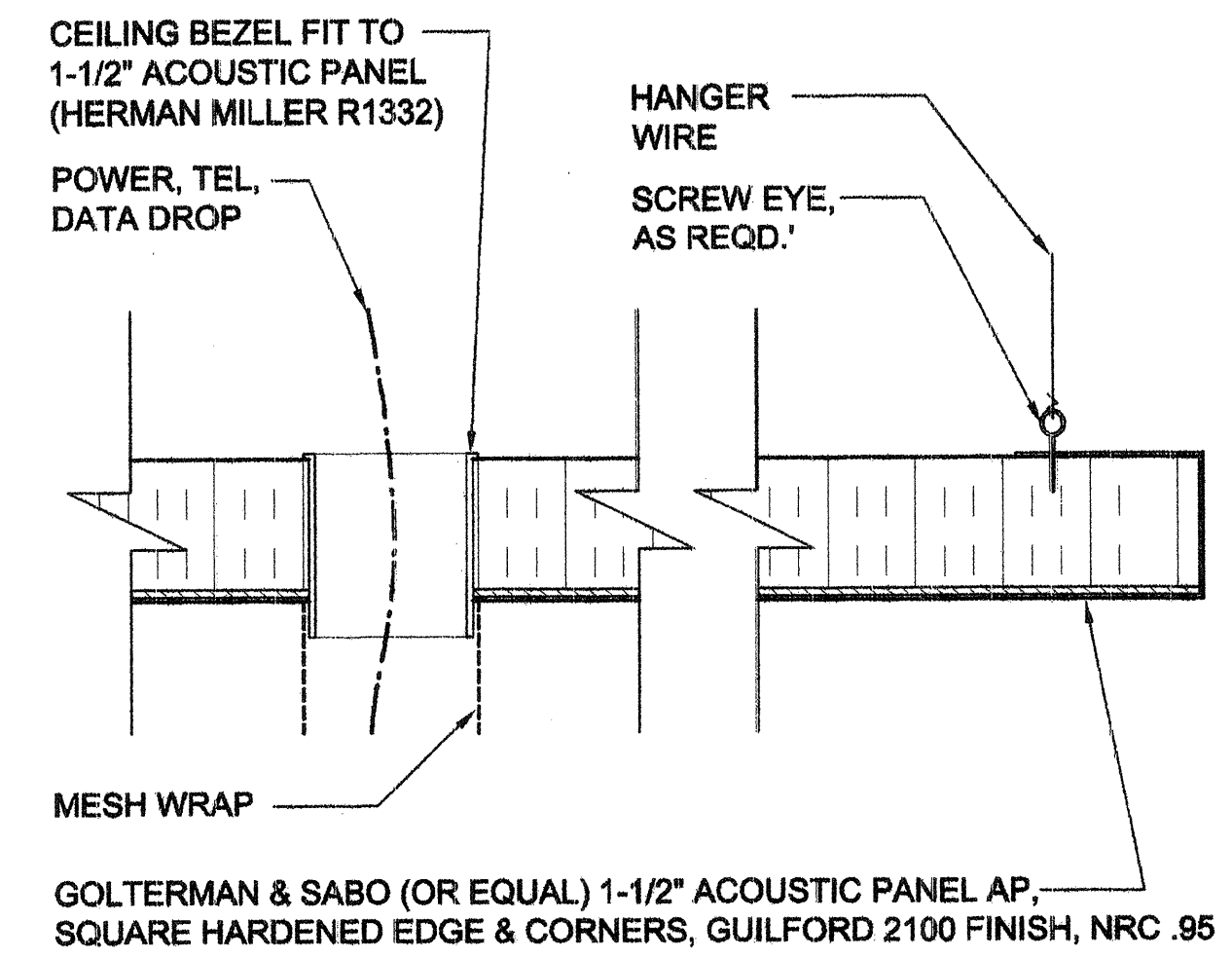
2 LIGHT COVE DETAIL
A4.02 NOT TO SCALE



5 BLACKOUT CHANNEL DETAIL
A4.02 SCALE: 3"= 1'-0"



1 SOFFIT DETAIL
A4.02 SCALE: 3"= 1'-0"

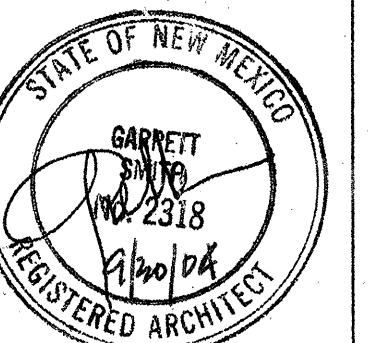


8 SUSPENDED ACOUSTICAL PANEL DETAIL
A4.02 SCALE: 3"= 1'-0"

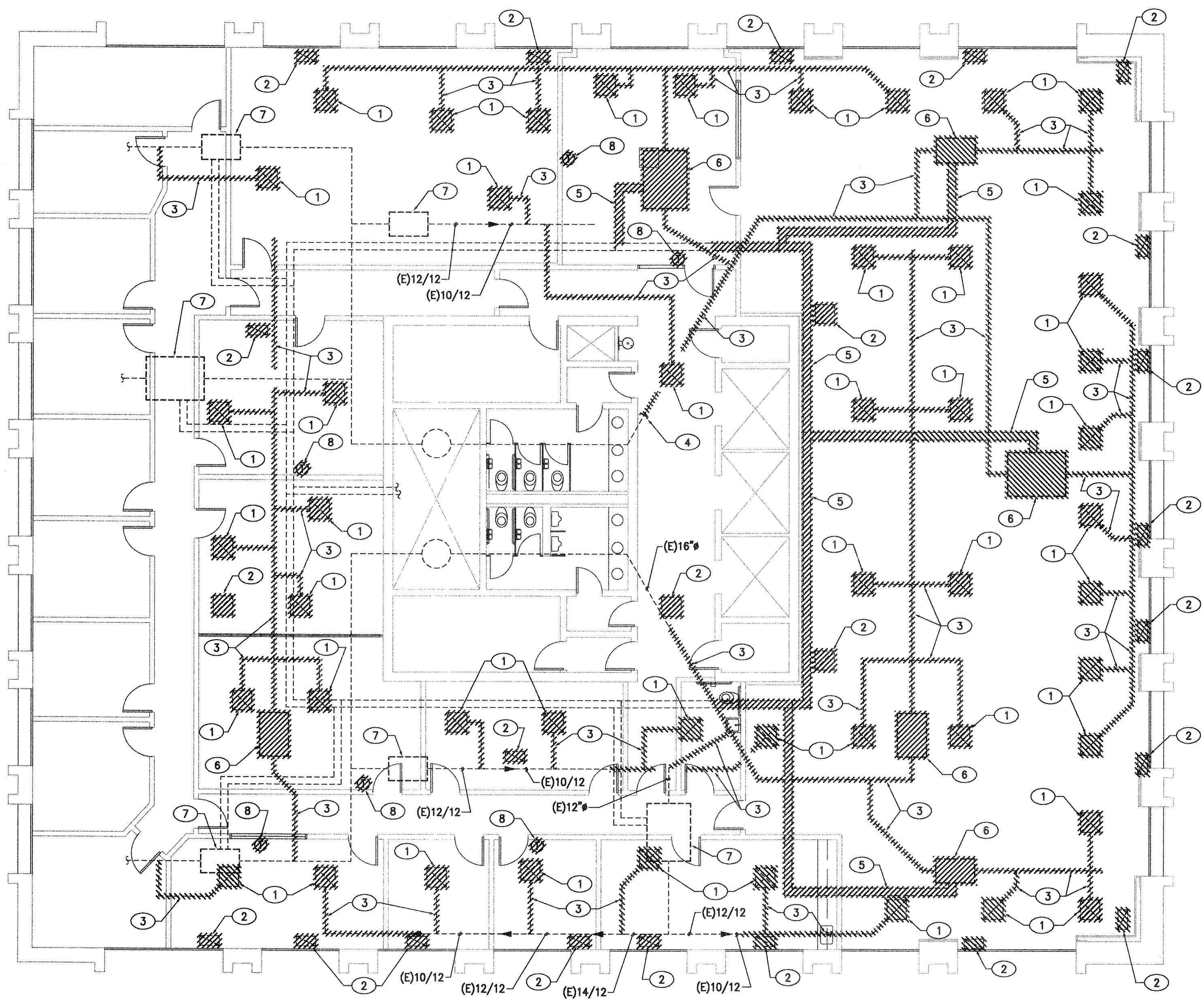
RECORD DRAWINGS

GARRETT SMITH LTD. DESIGN, ARCHITECTURE & DEVELOPMENT 514 CENTRAL SW ALBUQUERQUE NEW MEXICO 8 7 1 0 2 505/766-6968 FAX/243-4508		CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT TITLE: <i>CITIZEN CONTACT CENTER</i> INTERIOR DETAILS OCTOBER, 2004	
Design Review Committee City Engineer Approval	Last Design Update MO./DAY/YR.	City Project No. 721203	Zone Map No. J-14-Z
SHEET A4.02		Sheet 7	of 18

AS BUILT INFORMATION		BENCHMARK		SURVEY INFORMATION		SEAL	
CONTRACTOR FACILITY BUILD	DATE:	WORK STAKED BY	DATE:	FIELD NOTES	DATE:	NO.	BY
INSPECTOR'S APPROVAL	DATE:	FIELD VERIFICATION BY	DATE:				
DRAWING CORRECTED BY RUM	DATE: 10/08	MICRO-FILM INFORMATION					
RECORDED BY	DATE:						
NO.							



DESIGNED BY: LM	DATE: SEPTEMBER 2004
DRAWN BY: LM	DATE: SEPTEMBER 2004
CHECKED BY: RJ	DATE: SEPTEMBER 2004



MECHANICAL DEMOLITION PLAN
SCALE: 1/8"=1'-0"

KEYED NOTES

- 1 REMOVE AND DISCARD EXISTING SUPPLY DIFFUSER.
- 2 REMOVE AND DISCARD EXISTING RETURN GRILLE.
- 3 REMOVE AND DISCARD EXISTING DUCTWORK. (TYPICAL)
- 4 CAP EXISTING MAIN SUPPLY DUCT AND SEAL AIRTIGHT.
- 5 REMOVE AND DISCARD EXISTING HWS/R PIPING. (TYPICAL)
- 6 REMOVE EXISTING VAV BOX AND SALVAGE TO OWNER OR DISCARD. COORDINATE WITH OWNER PRIOR TO DISCARDING VAV BOX.
- 7 EXISTING VAV BOX TO REMAIN.
- 8 FIELD VERIFY WHICH VAV BOX IS SERVED BY EXISTING PNEUMATIC THERMOSTAT AND REMOVE THERMOSTAT. IF THERMOSTAT SERVES EXISTING VAV BOX TO BE REMOVED, DISCARD THERMOSTAT. IF THERMOSTAT SERVES EXISTING VAV BOX TO REMAIN AND VAV BOX SERVES CONTRACT AREA, REINSTALL IN LOCATION SHOWN ON SHEET M2. IF THERMOSTAT SERVES EXISTING VAV BOX TO REMAIN AND VAV BOX DOES NOT SERVE CONTRACT AREA, REINSTALL IN APPROPRIATE LOCATION (COORDINATE WITH BUILDING MANAGEMENT).

GENERAL NOTES

REFER TO SHEET M2.01 FOR GENERAL NOTES.

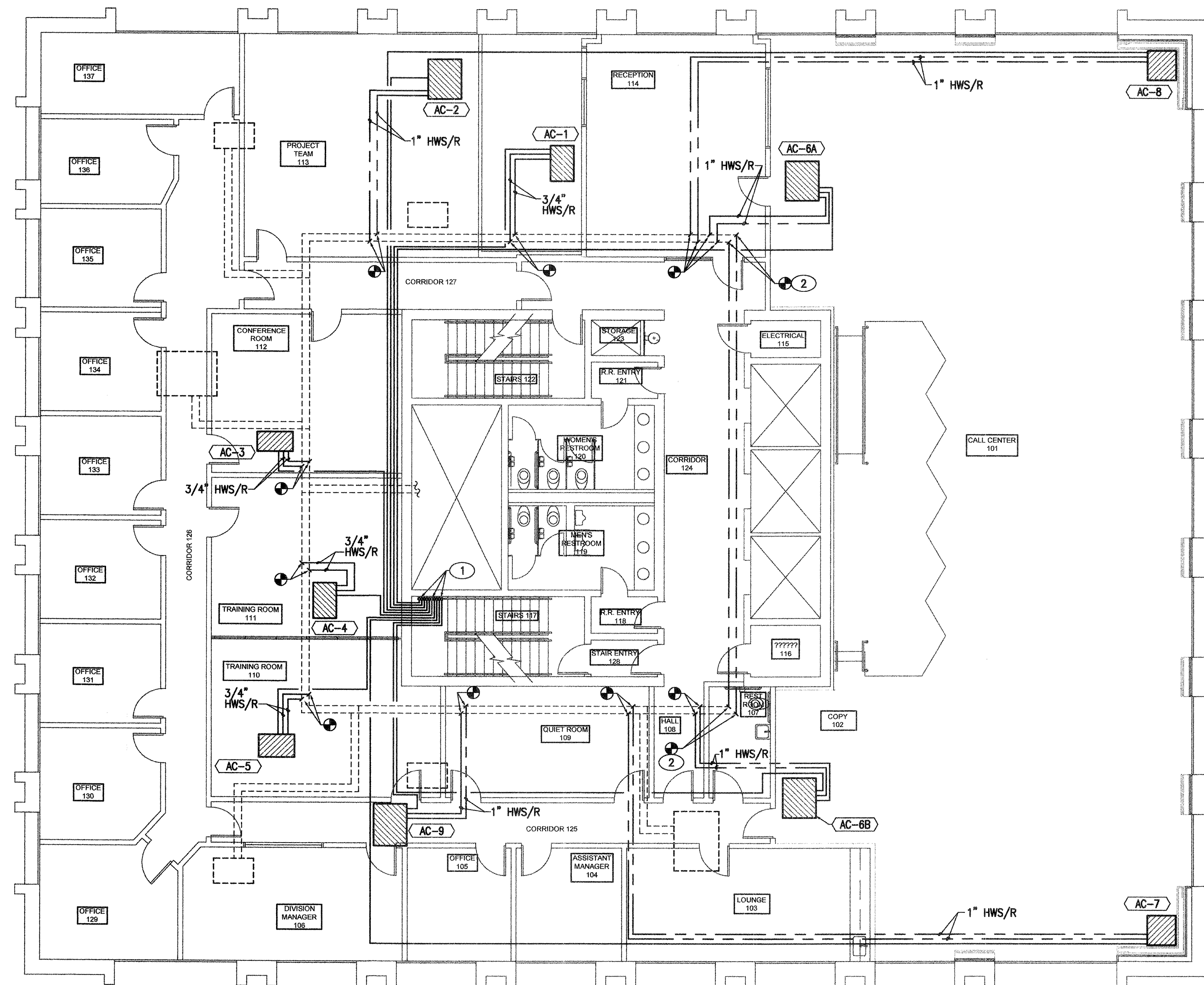
These RECORD DRAWINGS have been prepared from information furnished by the CONTRACTOR. These drawings are not a certification of actual conditions by the ENGINEER.
OCTOBER 2005



AS BUILT INFORMATION		BENCHMARK		SURVEY INFORMATION		SEAL		NO. DATE		REVISIONS / REMARKS		BY		DESIGNED BY: RSA DATE: OCTOBER 2004		DRAWN BY: RSA DATE: OCTOBER 2004		CHECKED BY: DCG DATE: OCTOBER 2004	
CONTRACTOR	DATE:			NO.	BY	DATE													
WORK STAKED BY	DATE:																		
INSPECTOR'S APPROVAL	DATE:																		
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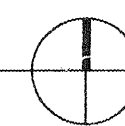
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MI	CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT			
	TITLE: MECHANICAL DEMOLITION PLAN OCTOBER 2004			
	Design Review Committee	City Engineer Approval		
	Last Design Update			
City Project No. 721203		Zone Map No. J-14-Z	Sheet 8	Of 18



MECHANICAL PIPING PLAN

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



KEYED NOTES

- REFRIGERANT LIQUID AND SUCTION LINES UP IN STAIRWELL TO CONDENSING UNITS ON ROOF. SIZED AND INSTALLED PER MANUFACTURER'S REQUIREMENTS. PROVIDE LONG-LINE INSTALLATION AS REQUIRED BY MANUFACTURER. FIELD VERIFY EXACT ROUTING REQUIRED AND COORDINATE WITH ARCHITECT AND BUILDING MANAGEMENT PRIOR TO INSTALLATION. SEE SHEET M4 FOR CONTINUATION.
- PROVIDE NEW HWS/R PIPING AS REQUIRED TO RECONNECT MAIN HEATING WATER PIPING LOOP. NEW PIPING SHALL MATCH SIZE OF EXISTING PIPING -- FIELD VERIFY EXACT SIZE OF EXISTING PIPING LOOP.

GENERAL NOTES

REFER TO SHEET M2.01 FOR GENERAL NOTES.

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OCTOBER 2005



AS BUILT INFORMATION		BENCHMARK		SURVEY INFORMATION		SEAL		REVISIONS / REMARKS		BY	
CONTRACTOR	DATE:	WORK STAKED BY	DATE:	FIELD NOTES	DATE	NO.	BY	NO.	DATE	NO.	DATE
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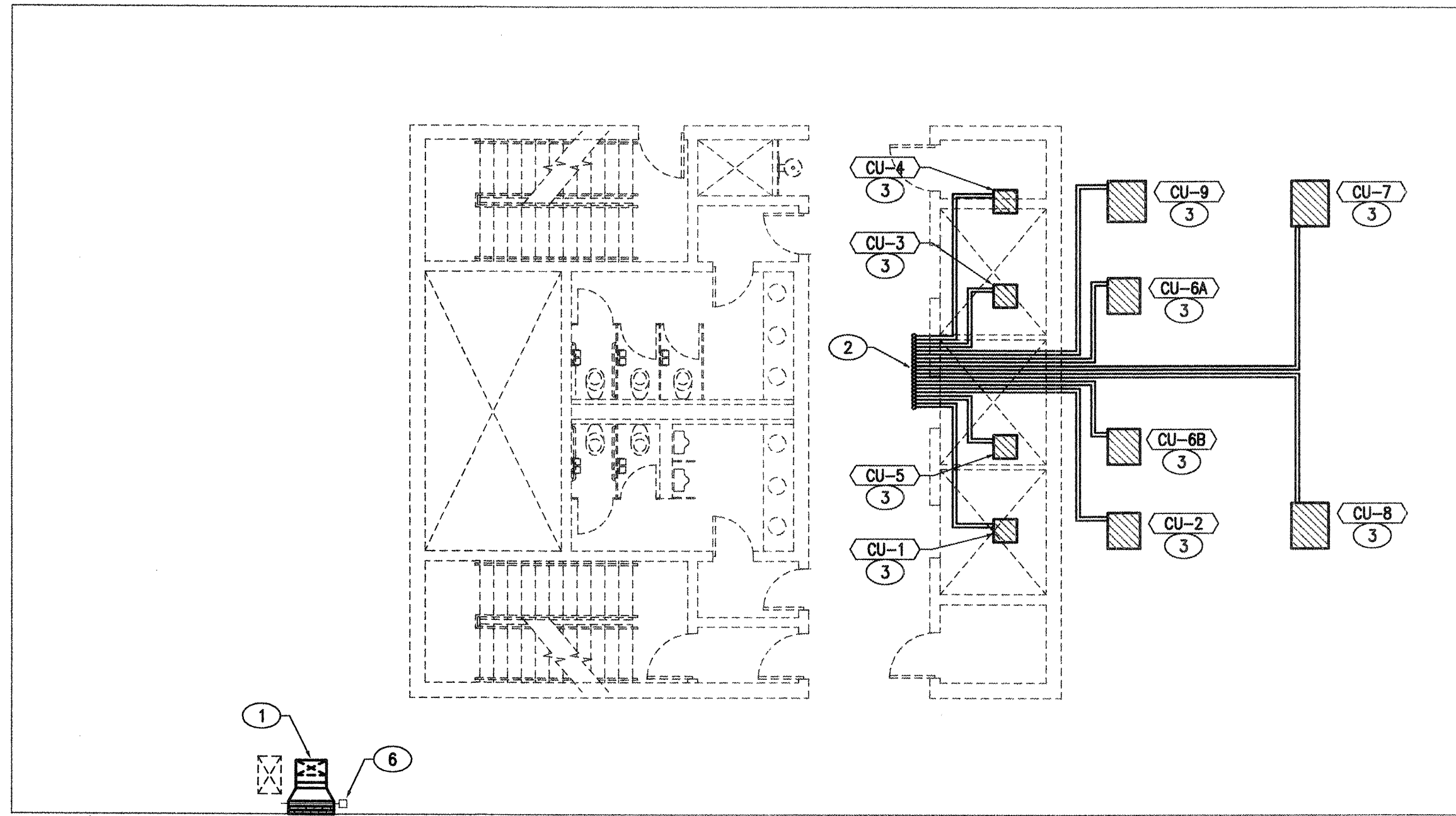
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DRAWN BY: RSA DATE: OCTOBER 2004
CHECKED BY: DCG DATE: OCTOBER 2004

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT

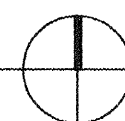
TITLE: MECHANICAL PIPING PLAN OCTOBER 2004

Design Review Committee	City Engineer Approval	Update	MO/DA/YR	MO/DA/YR

City Project No. 721203 Zone Map No. J-14-Z Sheet 10 Of 18

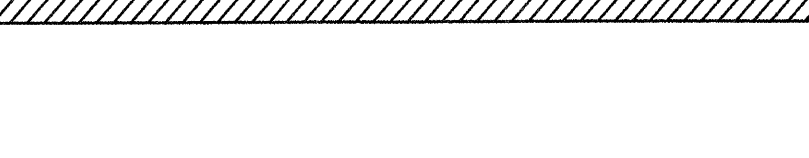


SCALE: 1/8"=1'-0"



- ① EXTEND 24/12" FRESH AIR DUCT OVER FROM INTAKE LOUVER AND DROP DOWN THROUGH MECHANICAL PENTHOUSE FLOOR. PROVIDE ALL TRANSITIONS AS REQUIRED. SEE SHEET M2 FOR CONTINUATION.
- ② EXTEND REFRIGERANT LIQUID AND SUCTION LINES OVER FROM CONDENSING UNITS AND DOWN THROUGH MECHANICAL PENTHOUSE FLOOR. PIPING SHALL BE SIZED AND INSTALLED PER MANUFACTURER'S REQUIREMENTS. PROVIDE LONG-LINE INSTALLATION AS REQUIRED BY MANUFACTURER. FIELD VERIFY EXACT ROUTING REQUIRED AND COORDINATE WITH ARCHITECT AND BUILDING MANAGEMENT PRIOR TO INSTALLATION. SEE SHEET M3 FOR CONTINUATION.
- ③ INSTALL CONDENSING UNIT WITH ALL REQUIRED SERVICE AND OPERATIONAL CLEARANCES. COORDINATE EXACT LOCATION OF CONDENSING UNIT WITH ARCHITECT AND BUILDING MANAGEMENT PRIOR TO INSTALLATION.
- ④ PATCH AND SEAL WALL OPENING WEATHERTIGHT AS REQUIRED TO MATCH EXISTING.
- ⑤ APPROXIMATE OUTLINE OF MECHANICAL PENTHOUSE, SHOWN FOR REFERENCE ONLY.
- ⑥ DIVISION 15 SHALL INTERLOCK MOTORIZED DAMPER WITH AIR CONDITIONING UNIT AC-9. DAMPER SHALL CLOSE WHEN AC-9 FAN IS NOT OPERATING. REFER TO SHEET M2 FOR LOCATION OF AC-9.

REFER TO SHEET M2.01 FOR GENERAL NOTES.



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from information furnished by the CONTRACTOR.
These drawings are not a certification of
actual conditions by the ENGINEER.

OCTOBER 2005

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04255

DESIGNED BY:	RSA	DATE:	OCTOBER 2004
DRAWN BY:	RSA	DATE:	OCTOBER 2004
CHECKED BY:	DCG	DATE:	OCTOBER 2004

TITLE: MECHANICAL ROOF PLAN **OCTOBER 2004**

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City Project No.	Zone Map No.	Sheet	Of
721203	J-14-Z	11	18



MARK	DESCRIPTION	MOUNTING	MANUFACTURER AND MODEL #	MATERIAL	FINISH	REMARKS
D1	CEILING SUPPLY DIFFUSER	LAY-IN CEILING	TITUS TMS	STEEL	WHITE BAKED ENAMEL	24/24 FULLY LOUVERED FACE, 4-WAY THROW OR AS SHOWN, AND NECK SIZE AS INDICATED
D2	CEILING SUPPLY DIFFUSER	SURFACE CLG. WITH RAPID MOUNT FRAME	TITUS TMS	STEEL	WHITE BAKED ENAMEL	24/24 FULLY LOUVERED FACE, 4-WAY THROW OR AS SHOWN, AND NECK SIZE AS INDICATED
D3	SIDEWALL SUPPLY DIFFUSER	SURFACE SIDEWALL	TITUS 300RS	STEEL	WHITE BAKED ENAMEL	DOUBLE DEFLECTION, 3/4" BLADE SPACING, FRONT BLADES PARALLEL TO SHORT DIMENSION, AND NECK SIZE AS INDICATED
G1	CEILING EXHAUST RETURN GRILLE	LAY-IN CEILING	TITUS 50F	ALUMINUM	WHITE BAKED ENAMEL	24/12 PANEL 1/2"x1/2"x1/2" EGG CRATE CORE
G2	CEILING EXHAUST RETURN GRILLE	SURFACE CLG. WITH RAPID MOUNT FRAME	TITUS 50F	ALUMINUM	WHITE BAKED ENAMEL	24/12 PANEL 1/2"x1/2"x1/2" EGG CRATE CORE
G3	CEILING EXHAUST RETURN GRILLE	LAY-IN CEILING	TITUS 50F	ALUMINUM	WHITE BAKED ENAMEL	24/24 PANEL 1/2"x1/2"x1/2" EGG CRATE CORE
L1	OUTSIDE AIR INTAKE LOUVER	SURFACE SIDEWALL	RUSKIN ELC-445D	ALUMINUM	COLOR BY ARCHITECT	LOUVER SIZE AS NOTED. PROVIDE WITH BIRDSCREEN & 120V MOTORIZED DAMPER.

SYMBOL	DESCRIPTION
	EXISTING DUCTWORK
	EXISTING DUCT TRANSITION
	EXISTING PIPING
	EXISTING SUPPLY/RETURN/EXHAUST GRILLE
	EXISTING MECHANICAL EQUIPMENT
	EXISTING THERMOSTAT
	EXISTING TO BE REMOVED
(E)	DESIGNATES EXISTING
	NEW SUPPLY/RETURN/EXHAUST GRILLE
	NEW RETURN GRILLE WITH LINED SOUND BOOT
	NEW SIDEWALL SUPPLY/RETURN GRILLE
	DIFFUSER TYPE, NECK SIZE, AND CFM
	DIFFUSER THROW PATTERN (4-WAY THROW IF NO PATTERN SHOWN)
	SUPPLY/RETURN/EXHAUST DUCTWORK RISER UP
	SUPPLY/RETURN/EXHAUST DUCTWORK RISER DOWN
	NEW SUPPLY/RETURN/EXHAUST DUCT
	NEW DUCT WITH ACOUSTICAL LINING
	NEW FLEX DUCT
	NEW MANUAL BALANCING DAMPER WITH OFFSET BRACKET AND EXTENDED PIN (OPPOSED BLADE DAMPER IN RECTANGULAR DUCT, BUTTERFLY DAMPER IN ROUND DUCT)
	NEW MOTORIZED DAMPER
	NEW COMBINATION FIRE/SMOKE DAMPER
	DUCT WIDTH BY DUCT HEIGHT
	NEW 90 DEGREE ELBOW W/ SINGLE WIDTH TURNING VANES
	NEW LONG RADIUS ELBOW ($r/D = 1.5$) OR NEW SHORT RADIUS ELBOW W/ TURNING VANES
	NEW HOT WATER SUPPLY PIPING
	NEW HOT WATER RETURN PIPING
	NEW MECHANICAL EQUIPMENT
	NEW ROOM THERMOSTAT UNIT NUMBER
	CONNECT TO EXISTING
	KEYED NOTE SYMBOL DESIGNATION
	NEW EQUIPMENT SYMBOL DESIGNATION

SYMBOL	MANUFACTURER AND MODEL	SUPPLY FAN					VOLTS/PH	DX COOLING COIL					HOT WATER HEATING COIL										UNIT OPER. WT.
		CFM	TOT SP (IN)	EXT SP (IN)	DRIVE	MOTOR HP		TOT. MBH	SEN. MBH	EAT DB/WB (°F)	LAT DB/WB (°F)	ROWS	MBH	EAT (°F)	LAT (°F)	EWI (°F)	LWT (°F)	GPM	AIR P.D. (IN)	WTR P.D. (FT)	ROWS		
AC-1	TRANE BCHC018	520	1.3	0.5	BELT	1/3	115/1	11.6	11.6	76.9 60.1	52.7 51.6	6	14.1	68	98	170	150	1.4	0.13	0.16	1	150 LBS	
AC-2	TRANE BCHC036	1100	1.1	0.5	BELT	1/2	115/1	27.9	26.5	76.7 60.3	50.7 50.6	6	43.6	68	112	180	160	4.4	0.09	0.69	1	200 LBS	
AC-3	TRANE BCHC012	300	1.0	0.5	BELT	1/3	115/1	8.1	6.8	77.3 62.4	52.5 52.4	6	10.1	69	106	180	160	1.0	0.07	0.08	1	150 LBS	
AC-4	TRANE BCHC018	600	1.6	0.5	BELT	1/2	115/1	12.9	12.9	76.4 60.9	53.0 52.8	6	17.5	69	101	180	160	1.7	0.16	0.25	1	150 LBS	
AC-5	TRANE BCHC018	600	1.6	0.5	BELT	1/2	115/1	12.9	12.9	76.4 60.9	53.0 52.8	6	17.5	69	101	180	160	1.7	0.16	0.25	1	150 LBS	
AC-6A	TRANE BCHC036	1150	1.0	0.5	BELT	1/3	115/1	22.6	22.6	75.0 59.4	53.5 51.8	4	44.1	69	111	180	160	4.4	0.09	0.70	1	200 LBS	
AC-6B	TRANE BCHC036	1150	1.0	0.5	BELT	1/3	115/1	22.6	22.6	75.0 59.4	53.5 51.8	4	44.1	69	111	180	160	4.4	0.09	0.70	1	200 LBS	

SYMBOL	MANUFACTURER AND MODEL	SUPPLY FAN				DX COOLING COIL				HOT WATER HEATING COIL						ELECTRICAL			UNIT OPER. WT.	
		CFM	EXT SP (IN)	DRIVE	MOTOR HP	TOT. MBH	SEN. MBH	EAT DB/WB (°F)	ROWS	MBH	EAT (°F)	LAT (°F)	ENT (°F)	LWT (°F)	GPM	ROWS	VOLTS/PHASE	MCA		MFS
AC-7	DATA AIRE DTAU-05	2500	0.5	BELT	2	59.6	59.1	75.0 61.0	4	37.8	70	91	180	160	4.0	1	208/3	7.5	15 A	700 LBS
AC-8	DATA AIRE DTAU-05	2500	0.5	BELT	2	59.6	59.1	75.0 61.0	4	37.8	70	91	180	160	4.0	1	208/3	7.5	15 A	700 LBS

SYMBOL	MANUFACTURER AND MODEL	SUPPLY FAN					VOLTS/PH	DX COOLING COIL					HOT WATER HEATING COIL									UNIT OPER. WT.
		CFM	TOT SP (IN)	EXT SP (IN)	DRIVE	MOTOR HP		TOT. MBH	SEN. MBH	EAT DB/WB (°F)	LAT DB/WB (°F)	ROWS	MBH	EAT (°F)	LAT (°F)	EWI (°F)	LWT (°F)	GPM	AIR P.D. (IN)	WTR P.D. (FT)	ROWS	
AC-9	TRANE BCHC054	1800	1.5	1.0	BELT	3/4	115/1	67.2	67.2	100.0 61.0	58.9 45.7	4	100.0	10	72	180	150	6.7	0.10	0.68	1	250 LBS

MARK	SERVES	TOTAL COOLING CAPACITY (MBH)	OUTSIDE AIR TEMP °F	ELECTRICAL DATA			APPROX. WT. (LBS.)	MANUFACTURER AND MODEL #
				VOLT/PHASE	MCA	MOCBP		
CU-1	AC-1	11.6	100	208/1	11	15 A	150	TRANE TTB018
CU-2	AC-2	27.9	100	208/1	20	35 A	200	TRANE 2TTB0036
CU-3	AC-3	8.1	100	208/1	11	15 A	150	TRANE TTB012
CU-4	AC-4	12.9	100	208/1	11	15 A	150	TRANE TTB018
CU-5	AC-5	12.9	100	208/1	11	15 A	150	TRANE TTB018
CU-6A	AC-6A	22.6	100	208/1	17	30 A	200	TRANE 2TTB0030
CU-6B	AC-6B	22.6	100	208/1	17	30 A	200	TRANE 2TTB0030
CU-7	AC-7	59.6	100	208/3	26	40 A	250	DATA AIRE DRCU-07
CU-8	AC-8	59.6	100	208/3	26	40 A	250	DATA AIRE DRCU-07
CU-9	AC-9	67.2	100	208/3	27	45 A	250	TRANE 2TTA0060



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 E-mail: responsegrp@qwest.net

OCTOBER 2004

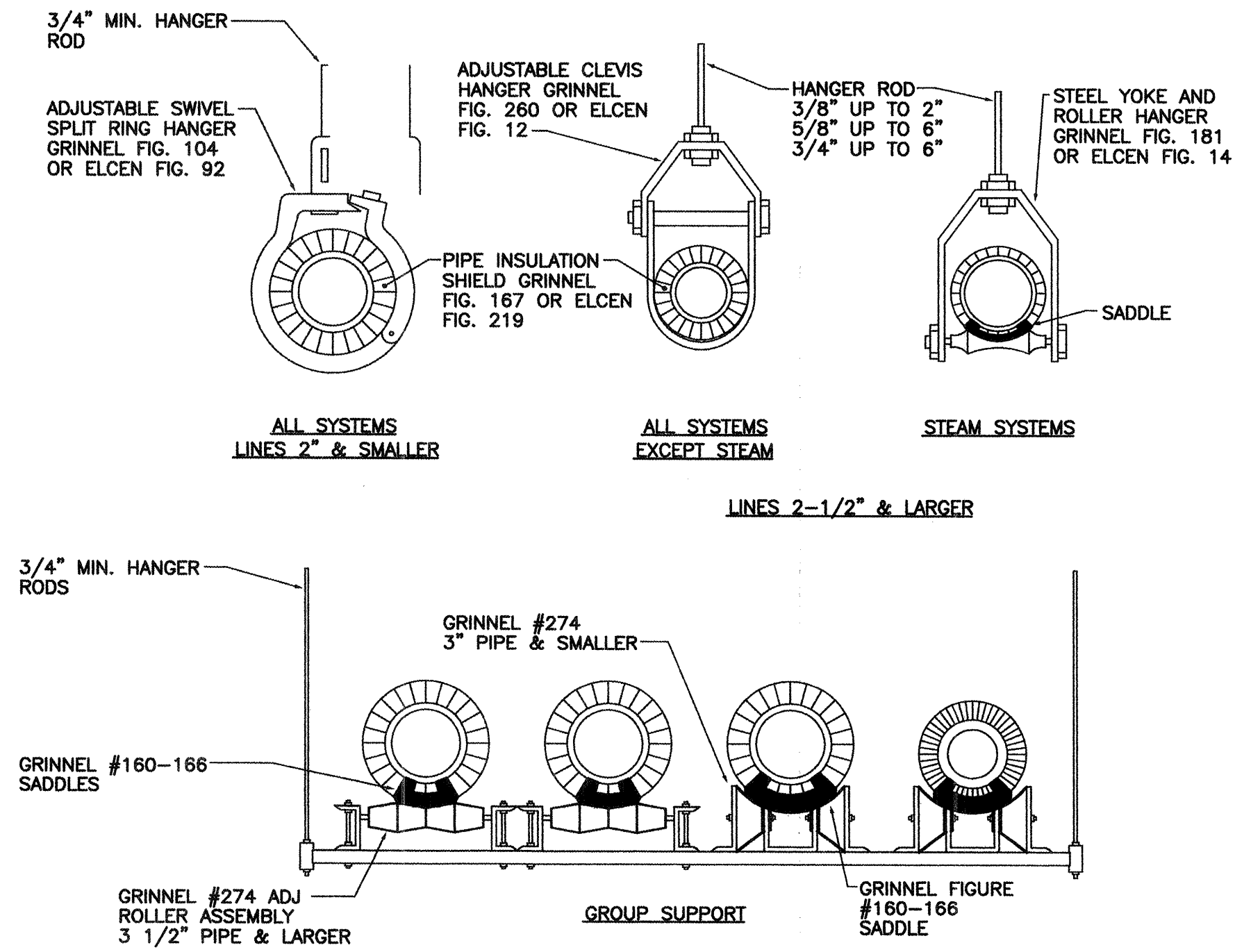
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Zone Map No.

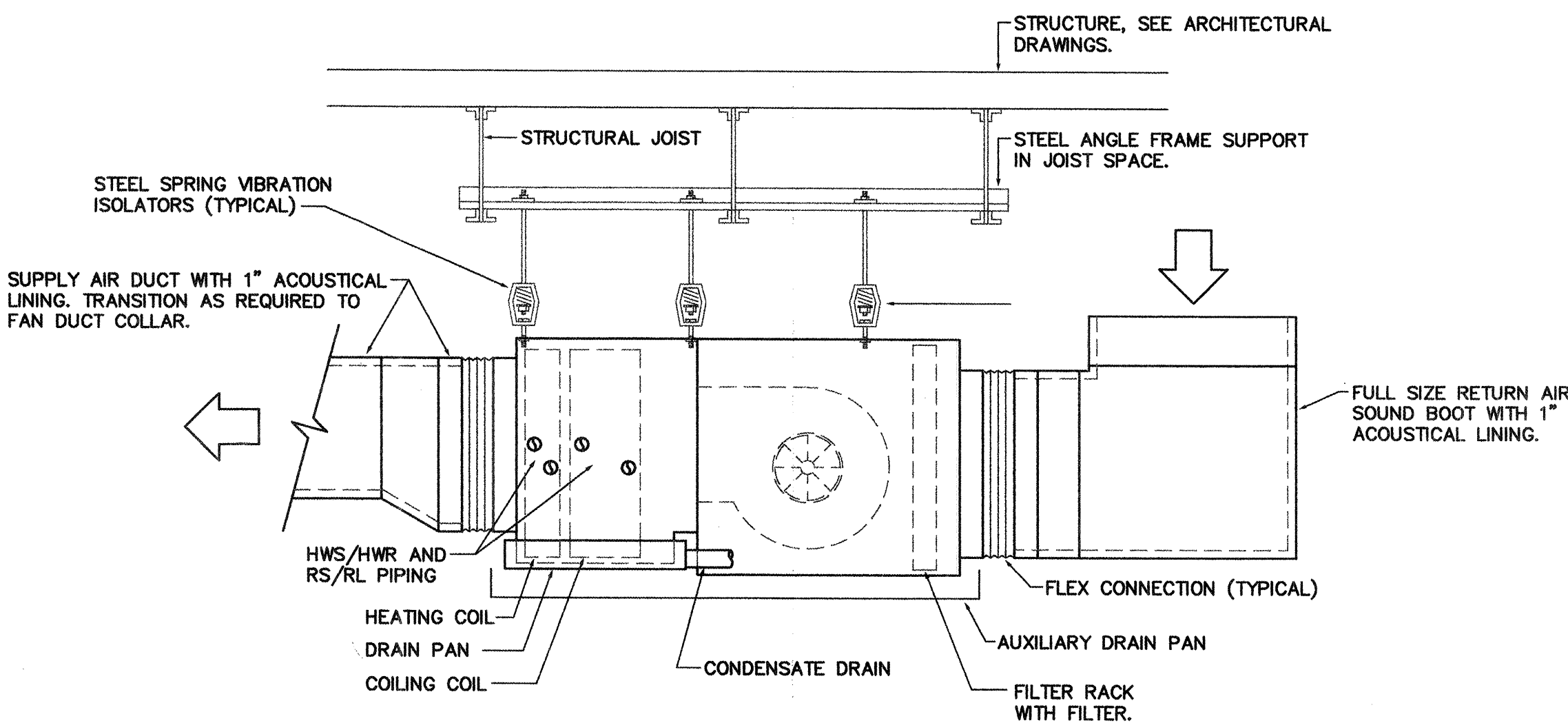
J-14-

Sheet

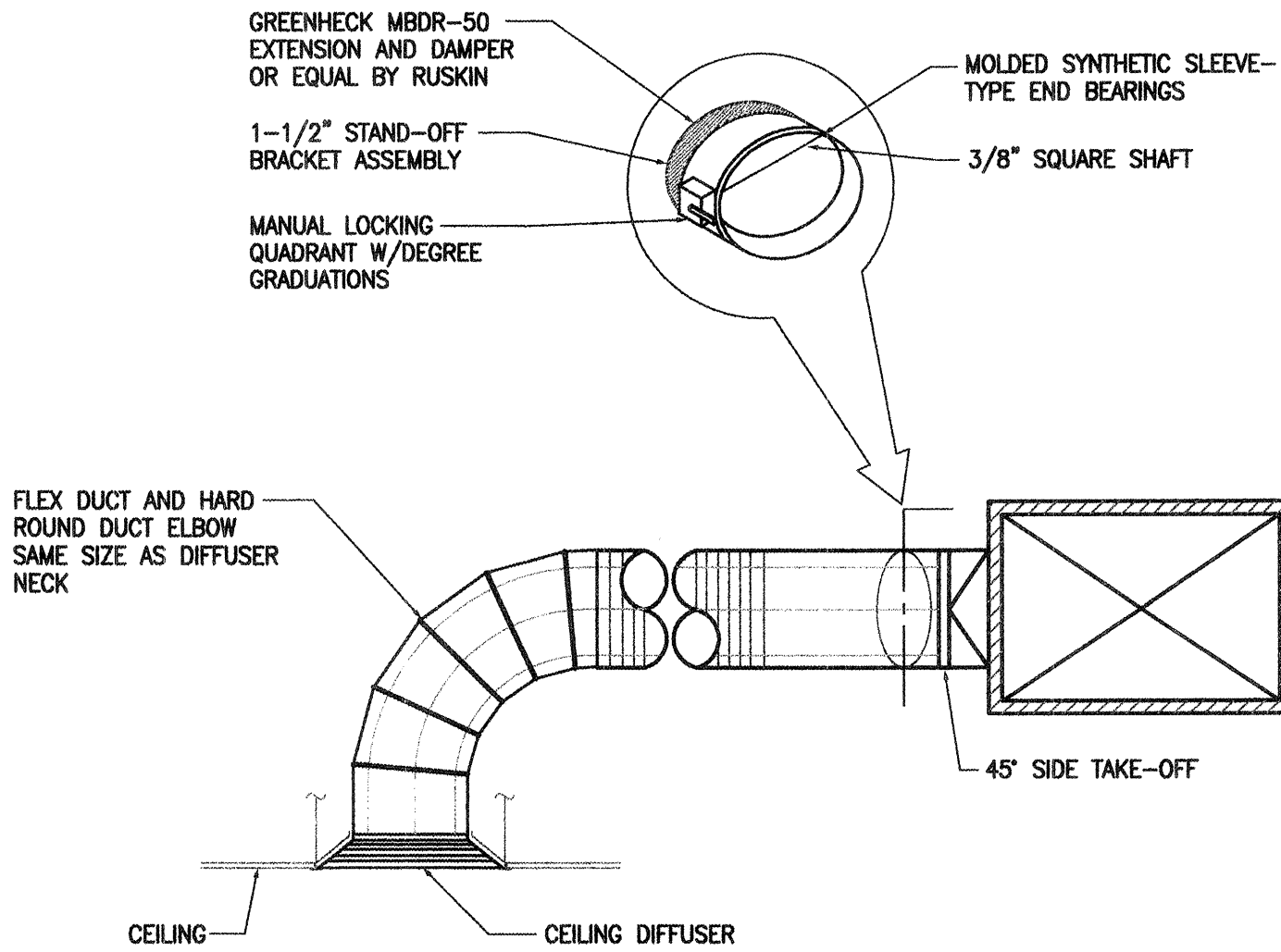
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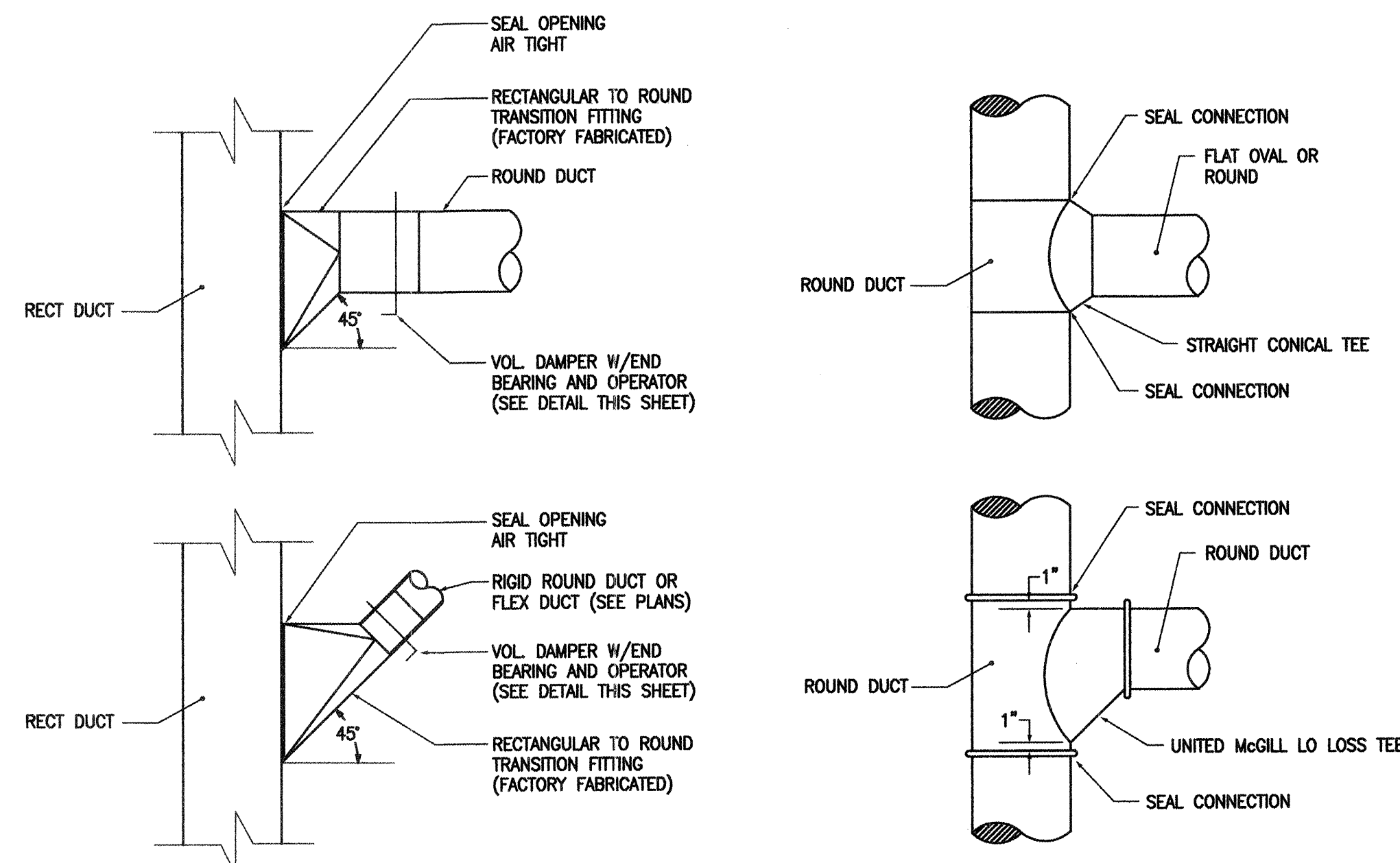
PIPE SUPPORTS DETAIL
NOT TO SCALE



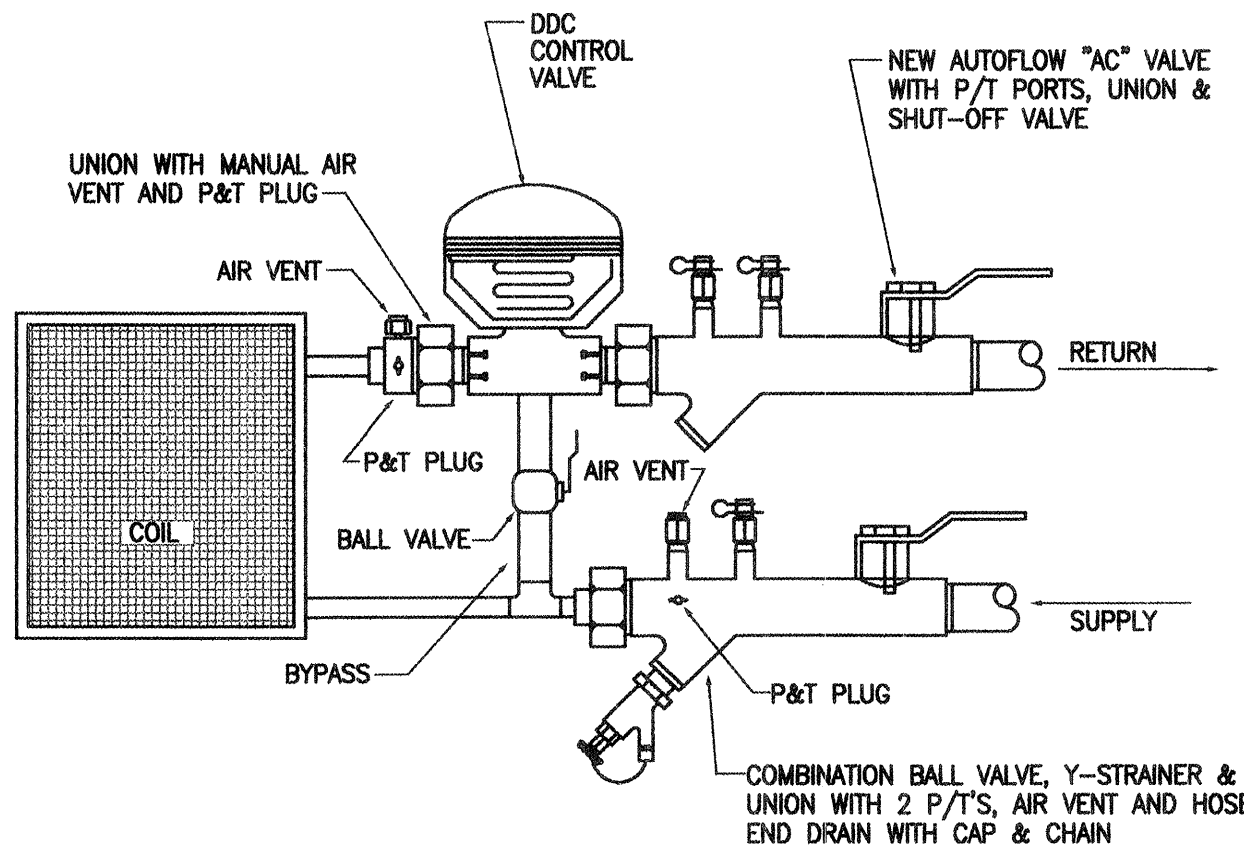
AIR CONDITIONING UNIT DETAIL
SCALE: NONE (DETAIL IS TYPICAL FOR AC-1 THRU AC-6, SIMILAR FOR AC-9)



CEILING DIFFUSER DETAIL
NO SCALE

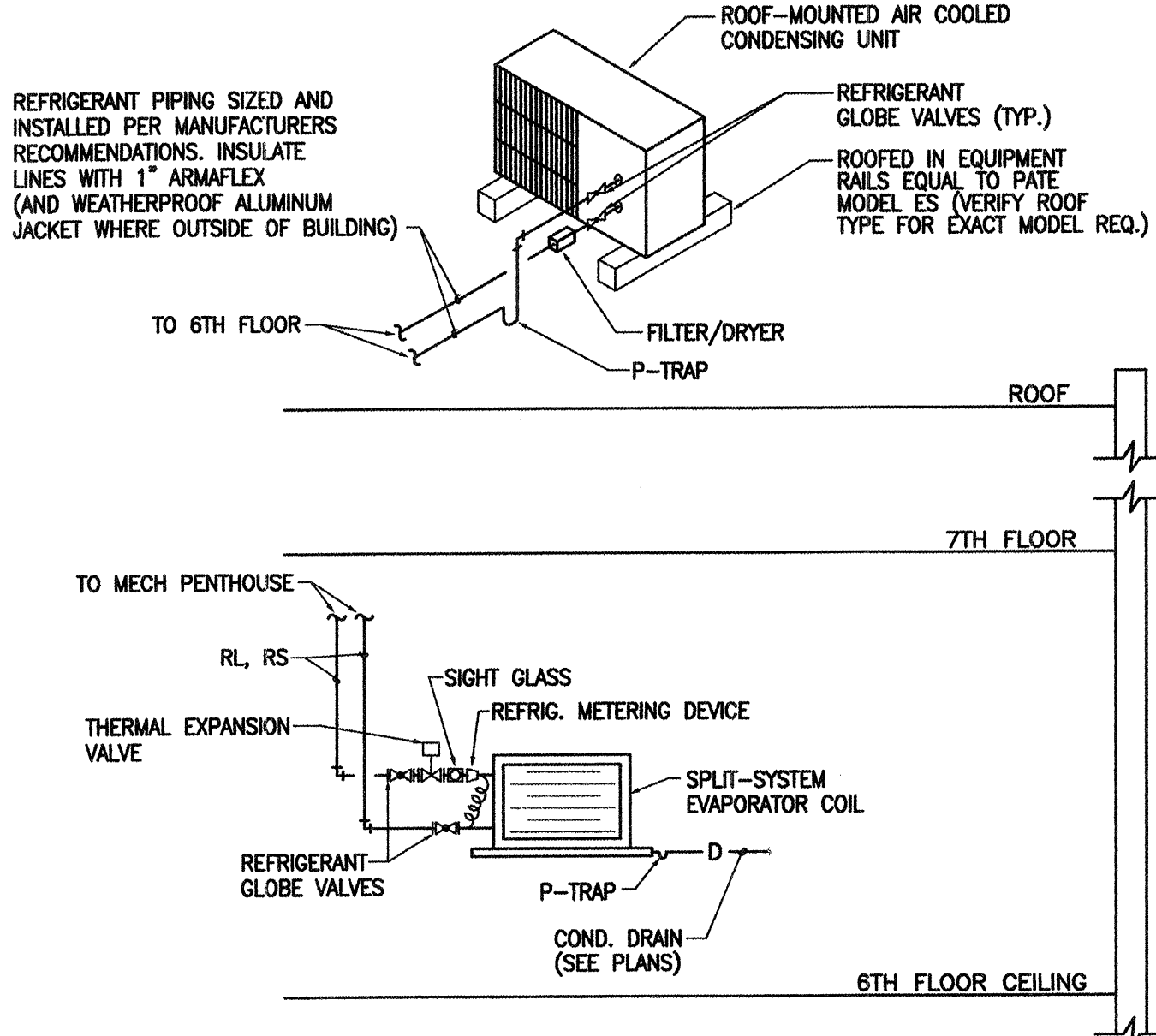


DUCT TAKE-OFFS DETAIL
NO SCALE

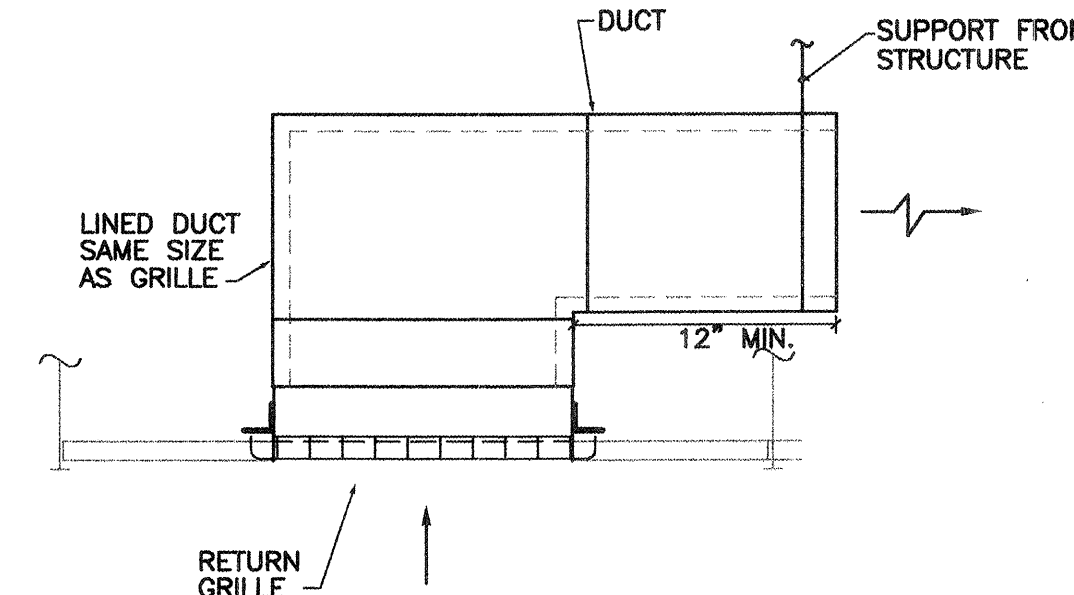


- NOTES:**
1. ALL COMPONENTS SHOWN SHALL BE PROVIDED AND INSTALLED BY THE MECHANICAL CONTRACTOR, EXCEPT THE DDC CONTROL VALVE WHICH SHALL BE PROVIDED AND INSTALLED BY THE CONTROL'S CONTRACTOR. DDC CONTROL VALVE SHALL BE PROVIDED AND INSTALLED BY MECHANICAL CONTRACTOR IF THERE IS NO CONTROL'S CONTRACTOR ON PROJECT.
 2. ALL COMPONENTS SHOWN SHALL BE EQUAL TO AUTOFLOW FLOW DESIGN, INC.

3-WAY COIL CONNECTION DETAIL
SCALE: NONE



CONDENSING UNIT PIPING DETAIL
NO SCALE (DETAIL IS TYPICAL FOR AC-1 THRU AC-6 AND AC-9, SIMILAR FOR AC-7 AND AC-8)



RETURN GRILLE WITH SOUND BOOT DETAIL
SCALE: NONE

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OCTOBER 2005



AS BUILT INFORMATION		BENCHMARK		SURVEY INFORMATION		SEAL		REVISIONS / REMARKS	
CONTRACTOR	DATE:	WORK STAKED BY	DATE:	FIELD BY	DATE	NO.	BY	NO.	DATE
		INSPECTOR'S APPROVAL	DATE:						
		FIELD VERIFICATION BY	DATE:						
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CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT

TITLE: MECHANICAL DETAILS OCTOBER 2004

Design Review Committee	City Engineer Approval	Update	MO. / DAY / YR.	MO. / DAY / YR.

City Project No. **721203** Zone Map No. **J-14-Z**

Sheet **19** Of **18**

GENERAL DEMOLITION NOTES

- A. CONTRACTOR SHALL VERIFY LOCATION OF ALL PIPING, EQUIPMENT, ETC. SERVED BY EXISTING EQUIPMENT TO BE REMOVED, CONTRACTOR SHALL REMOVE SUCH ITEMS ONLY IF THEY DO NOT SERVE FIXTURES TO REMAIN. ALL PIPING SHALL BE CAPPED IN A CONCEALED LOCATION.
- B. CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING AND FINISHING SURFACES (WALLS, FLOORS, CEILINGS) DAMAGED DURING REMOVAL OF EQUIPMENT AND PIPING UNLESS REMOVAL OR RENOVATION OF SURFACE IS COVERED UNDER ANOTHER SECTION OF THIS CONTRACT.
- C. CONTRACTOR SHALL RETURN ALL MECHANICAL UNITS, PIPING, ETC. TO OWNER IN ACCORDANCE WITH DIRECTION OF TENANT IMPROVEMENTS AND THE ARCHITECT.
- D. PIPE ROUTING IS APPROXIMATE ONLY. EACH BIDDER SHALL SATISFY HIMSELF AS TO EXISTING BUILDING CONDITIONS BEFORE SUBMITTING HIS BID. NO ALLOWANCE SHALL BE MADE AFTER CONTRACT IS AWARDED TO ALLOW FOR LACK OF PRE-BID INSPECTION OF BUILDING BY SUCCESSFUL BIDDER.
- E. COORDINATE WORK WITH OTHER TRADES TO MINIMIZE CONFLICTS AND "DOWN TIME".

GENERAL PLUMBING NOTES

- (APPLICABLE TO ALL MECHANICAL AND PLUMBING SHEETS)
- A. ALL PIPING SHALL BE CONCEALED WHERE POSSIBLE. ALL EXPOSED PIPING, WHERE CONCEALMENT IS NOT POSSIBLE, SHALL BE INSTALLED AND PAINTED AS DIRECTED BY THE ARCHITECT.
- B. ALL PIPING SHALL BE INSULATED. SEE SPECIFICATIONS.
- C. ALL BRANCHES SHALL BE VALVED AND ALL VALVES SHALL HAVE UNIONS ADJACENT. ACCESS PANELS AND DOORS SHALL BE FURNISHED TO GENERAL CONTRACTOR FOR INSTALLATION AND ACCESS TO VALVES WHERE REQUIRED. LOCATE ADDITIONAL VALVES AS SHOWN ON DRAWINGS. SEE SPECIFICATIONS FOR ACCESS DOOR REQUIREMENTS.
- D. ALL PIPING SHALL PITCH TO DRAIN, AND CONTRACTOR SHALL PROVIDE VALVING FOR SYSTEM DRAINAGE. CONTRACTOR SHALL DELIVER A MARKED-UP SET OF PLANS TO THE OWNER (PRIOR TO FINAL PAYMENT) SHOWING ALL BRANCH VALVES AND ALL DRAINAGE POINTS.
- E. CARE SHALL BE TAKEN TO AVOID MECHANICAL DUCTWORK, ELECTRICAL EQUIPMENT AND AIR HANDLING EQUIPMENT ABOVE CEILING. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ROUTING OF PIPING WITH CEILING CONTRACTOR AND SHEET METAL CONTRACTOR. RELOCATION OF PIPING AS A RESULT OF POOR COORDINATION BY THIS CONTRACTOR SHALL BE AT HIS OWN EXPENSE.
- F. NO WATER PIPING SHALL BE LOCATED IN OUTSIDE WALLS, UNLESS SHOWN TO BE AND THEN PIPING TO BE INSULATED AND LOCATED AS CLOSE AS POSSIBLE TO INSIDE OF WALL CAVITY WITH ADDITIONAL INSULATION BETWEEN PIPING AND EXTERIOR OF WALL.
- G. ALL PIPE PENETRATIONS THRU FIRE-RATED ASSEMBLIES SHALL BE SLEEVED AND SEALED WITH CODE-APPROVED FIRE BARRIER MATERIALS.
- H. SECURE ALL PIPING TO WALLS FOR A RIGID INSTALLATION WITH UNISTRUT BRACKETS AND GASKETED PIPE CLAMPS.

KEYED NOTES

1. INSTALL NEW FIXTURE, S-1, AND CONNECT TO EXISTING CW, HW, SEWER, AND VENT CONNECTIONS. CONTRACTOR SHALL VERIFY EXISTING SINK SIZE AND REPLACE WITH THE SAME SIZE. EXTEND 1/4" CW LINE TO REFRIGERATOR.
2. CLEAN EXISTING WATER CLOSET, LAVATORY AND ALL TRIM. PROVIDE AND INSTALL NEW TRAP WRAP ON PIPING BELOW LAVATORY.
3. SPRINKLER SHALL BE INSTALLED BELOW CONCRETE JOIST APPROXIMATELY 20" BELOW DECK, TYPICAL.
4. NEW SPRINKLER PIPING SHALL BE INSTALLED TIGHT TO THE BOTTOM OF CONCRETE JOIST, TYPICAL.
5. NEW SPRINKLER PIPING SHALL BE INSTALLED TIGHT IN CORNER TO THE BOTTOM OF CONCRETE JOIST, TYPICAL.
6. INSTALL NEW SPRINKLER PIPING IN CEILING WITH SEMI-RECESSED SPRINKLER HEADS.
7. PROVIDE AND INSTALL NEW FIRE SPRINKLERS AND PIPING IN ROOM 114.
8. EXTEND NEW SPRINKLER PIPING TO SERVE ROOM 114.
9. EXTEND AND CONNECT NEW SPRINKLER PIPING TO EXISTING.
10. REVISE ORIENTATION TO MATCH CEILING CHANGES AND INSTALL NEW SPRINKLER HEADS.
11. REVISE ORIENTATION OF SPRINKLERS TO MEET NEW REQUIREMENTS OF ROOMS 110 AND 111.
12. INSTALL AIR GAP FITTING IN WALL WITH P-TRAP AND ACCESS DOOR. INSTALL TRAP PRIMER ABOVE CEILING TO SERVE NEW P-TRAP.
13. 1-1/2" CONDENSATE LINE DOWN IN WALL THEN CONNECT TO AIR GAP FITTING AND P-TRAP.
14. CONDENSATE LINES SLOPED TO DRAIN AS SHOWN.
15. PROVIDE CONDENSATE IN UNIT AND ROUTE CONDENSATE LINE TIGHT TO STRUCTURE.
16. INSTALL FIRE PROTECTION LINE IN NEW 4" WALL FURR-OUT.
17. EXTEND NEW 3/4" CW, 1-1/4" VENT, AND 1-1/2" WASTE LINES FROM NEW DRINKING FOUNTAIN TO EXISTING LINES IN RESTROOM.

GENERAL FIRE PROTECTION NOTES

- A. THE INDICATED TENANT IMPROVEMENT AREAS SHALL BE PROVIDED WITH A COMPLETE AUTOMATIC, WET PIPE, FIRE PROTECTION SPRINKLER SYSTEM BY THE MODIFICATION OF THE EXISTING FIRE PROTECTION SYSTEM. THE CONTRACTOR SHALL COORDINATE PIPING AND SPRINKLER LAYOUT TO CORRESPOND AND PROVIDE COMPLETE COVERAGE ACCORDING TO THE TENANT DEVELOPMENT IN THE BUILDING. IN AREAS WITH CEILING, ALL PIPING SHALL BE CONCEALED. IN AREAS WHERE PIPING IS EXPOSED, ALL PIPE FITTINGS AND HANGERS SHALL BE PAINTED COLOR AS DIRECTED BY ARCHITECT AND ROUTED AS NOTED ON PLANS. ALL EXPOSED PIPING SHALL BE RUN AS HIGH AS POSSIBLE AND SHALL BE COORDINATED WITH STRUCTURE, DUCTWORK, ROOF OPENINGS AND LIGHTING TO BE AS INCONSPICUOUS AS POSSIBLE. DEGREE OF PROTECTION SHALL BE "LIGHT HAZARD" LAYOUT SHALL BE SUBMITTED FOR APPROVAL TO CITY OF ALBUQUERQUE FIRE DEPARTMENT, AND THE ARCHITECT. ALL REQUIRED APPROVALS SHALL BE OBTAINED BEFORE ORDERING MATERIALS OR BEGINNING FABRICATION. ALL HEADS SHALL BE CHROME PLATED. TEMPERATURE RATED AT 165 DEGREES F, EXCEPT 212 DEGREES F. IN MECHANICAL ROOMS AND OTHER AREAS AS OUTLINED IN NFPA 13.

PROVIDE A COMPLETE PLAN SHOWING ALL CONNECTIONS TO WATER MAIN ETC.

- COORDINATE LOCATIONS OF FLOW SWITCHES WITH ELECTRICAL CONTRACTOR AND PAY FOR ALL REQUIRED ELECTRICAL CONNECTIONS BACK TO MAIN FIRE ALARM PANEL FROM THESE FLOW SWITCHES.

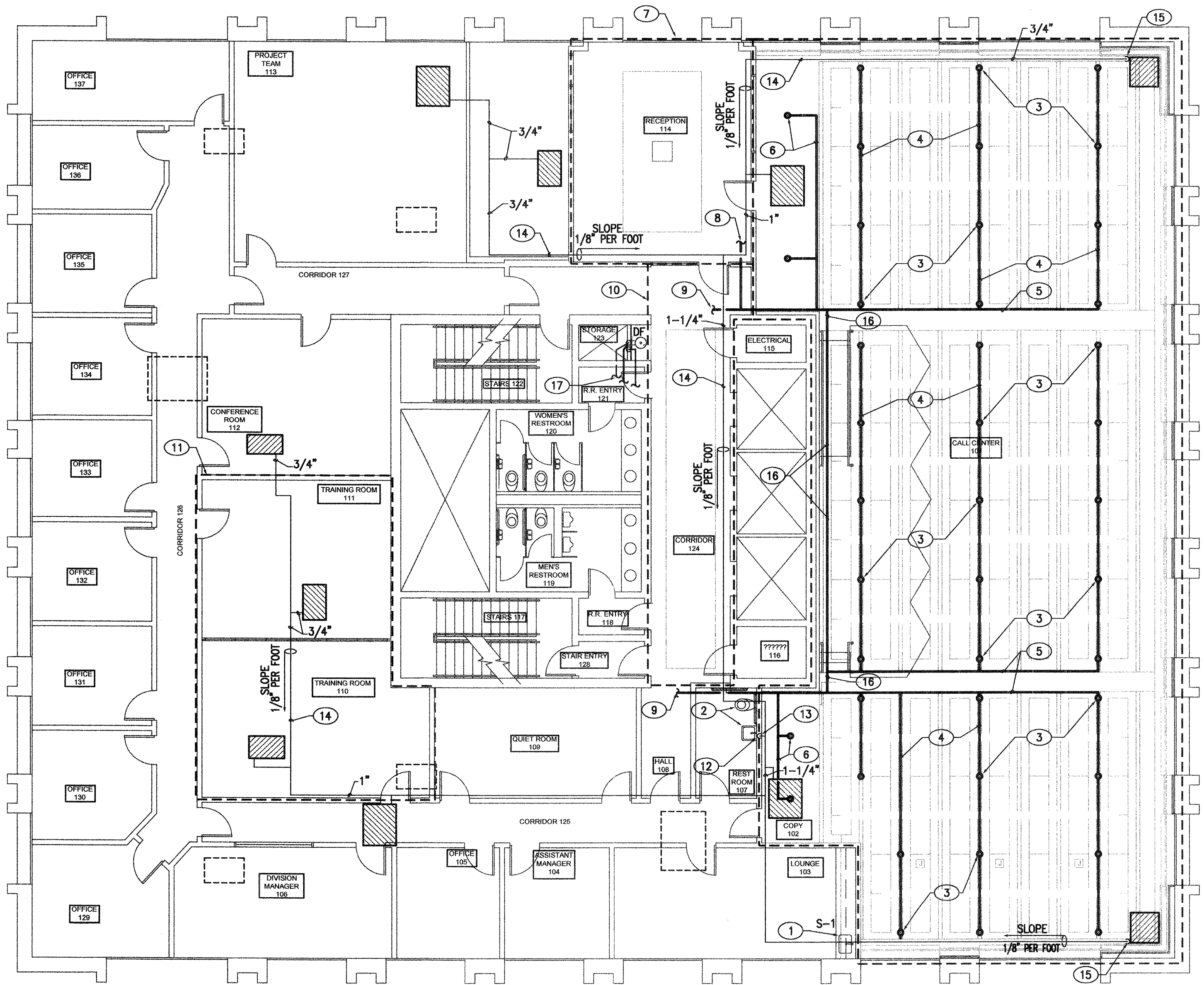
- B. DESIGN AND INSTALLATION OF ALL FIRE PROTECTION MODIFICATION AND NEW WORK SHALL CONFORM TO THE LATEST EDITIONS OF NFPA 13, 101, AND U.B.C. AND THE SPECIFICATIONS.

- C. DUE TO LIMITED CEILING SPACE, COORDINATION WITH OTHER TRADES SHALL BE REQUIRED PRIOR TO ANY PIPING INSTALLATION. IF SPRINKLER CONTRACTOR FAILS TO PROPERLY COORDINATE HIS PIPING WITH OTHER TRADES, RELOCATION OF SPRINKLER PIPING, ETC., SHALL BE AT HIS OWN EXPENSE, AS DIRECTED BY THE ARCHITECT AND ENGINEER.

- D. SPRINKLER SHOP DRAWING SHALL SHOW ALL DUCTWORK, DIFFUSER LOCATIONS, LIGHTS, BUS DUCTS AND OTHER PIPING MAINS, ETC., FOR COORDINATION WITH SPRINKLER MAIN, SPRINKLER HEADS, ETC.

- E. THE FIRE PROTECTION CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING EXISTING SITE CONDITIONS, WATER PRESSURE, LOCATION OF NEW BUILDING IN RELATION TO EXISTING, ETC., BEFORE SUBMITTING HIS BID. THIS CONTRACTOR SHALL EXTEND NEW FIRE PROTECTION SUPPLY PIPING FROM EXISTING FIRE PROTECTION SPRINKLER PIPING.

- F. CONTRACTOR SHALL PROVIDE COMPLETE HYDRAULIC CALCULATIONS FOR ALL MODIFICATIONS AND ADDITIONS TO THE SYSTEM. HYDRAULIC NOTES SHALL BE SHOWN ON THE DRAWING BACK TO MAIN SUPPLY RISER.



PLUMBING AND FIRE PROTECTION PLAN

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

PLUMBING FIXTURE SCHEDULE

SYMBOL	DESCRIPTION
S-1	HOSPITALITY SINK: ELKAY LH-1722-C 18 GAUGE STAINLESS STEEL BAR SINK WITH KEYED ANGLE STOPS, LK-2432 TRIM, LK-35 DRAIN FITTING, C.P.B. P-TRAP. CONNECTION SIZES: CW=1/2", HW=1/2", WD=1-1/2"
TP	TRAP PRIMER (TP): PRECISION PLUMBING PRODUCTS, INC. "PRIME-RITE" TRAP PRIMER VALVE, MACHINED BRASS, 1/2" MALE NPT INLET, 1/2" FEMALE OUTLET. PROVIDE DISTRIBUTION UNIT AS APPLICABLE FOR MULTIPLE FLOOR DRAINS AND ACCESS PANEL.
DF	DRINKING FOUNTAIN: HAWS 1001HPS BARRIER-FREE WITH ROUND BOWL AND MOUNTING BACKPLATE AND PANELS. PROVIDE WITH BUBBLER, WASTE STRAINER, AND PUSH BUTTON ALL CHROME PLATED BRASS. CW=3/4", WD= 1-1/2"

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OCTOBER 2005



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CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT

TITLE: PLUMBING AND FIRE
PROTECTION PLAN

OCTOBER 2004

Design Review Committee City Engineer Approval

City Project No.
721203

Zone Map No.
J-14-Z

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NO. DATE			REVISIONS / REMARKS		BY	SEAL	SURVEY INFORMATION		BENCHMARK		AS BUILT INFORMATION	
						04255	FIELD NOTES				CONTRACTOR DATE:	
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												MICRO-FILM INFORMATION
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DESIGNED BY: TRG			DATE: OCTOBER 2004									
DRAWN BY: TRG			DATE: OCTOBER 2004									
CHECKED BY: TRG			DATE: OCTOBER 2004									



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- ① REMOVE EXISTING LIGHT FIXTURE AND REPLACE WITH NEW LIGHT FIXTURE AS SCHEDULED. RECONNECT TO EXISTING 277 VOLT CIRCUIT WHICH NOW SERVES THIS AREA.
- ② LIGHT FIXTURE SHALL BE CONNECTED TO EMERGENCY STANDBY CIRCUIT WHICH NOW SERVES THIS AREA.
- ③ EXTEND CONDUIT AND CONDUCTORS TO PANEL INDICATED AND CONNECT TO A 20A-1P CIRCUIT BREAKER. ARROWS INDICATE NUMBER OF CIRCUIT BREAKERS REQUIRED.
- ④ CONNECT NEW LIGHT FIXTURES TO EXISTING CIRCUIT AND CONTROLS WHICH NOW SERVE THIS AREA.
- ⑤ DIMMER CONTROL SWITCH SHALL BE EQUAL TO LUTRON FLUORESCENT DIMMER SWITCH.
- ⑥ NOT USED
- ⑦ NOT USED
- ⑧ CONNECT TO EXISTING 277 VOLT CIRCUIT WHICH NOW SERVES THIS AREA. CONCEAL CONDUIT HOMERUNS IN FURRED DOWN CEILING.

AS BUILT INFORMATION	
CONTRACTOR	DATE:
WORK STAKED BY	DATE:
INSPECTOR'S APPROVAL	DATE:
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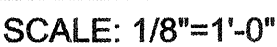
OCTOBER 2005

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT

OCTOBER 2004

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Sheet **15** Of **18**

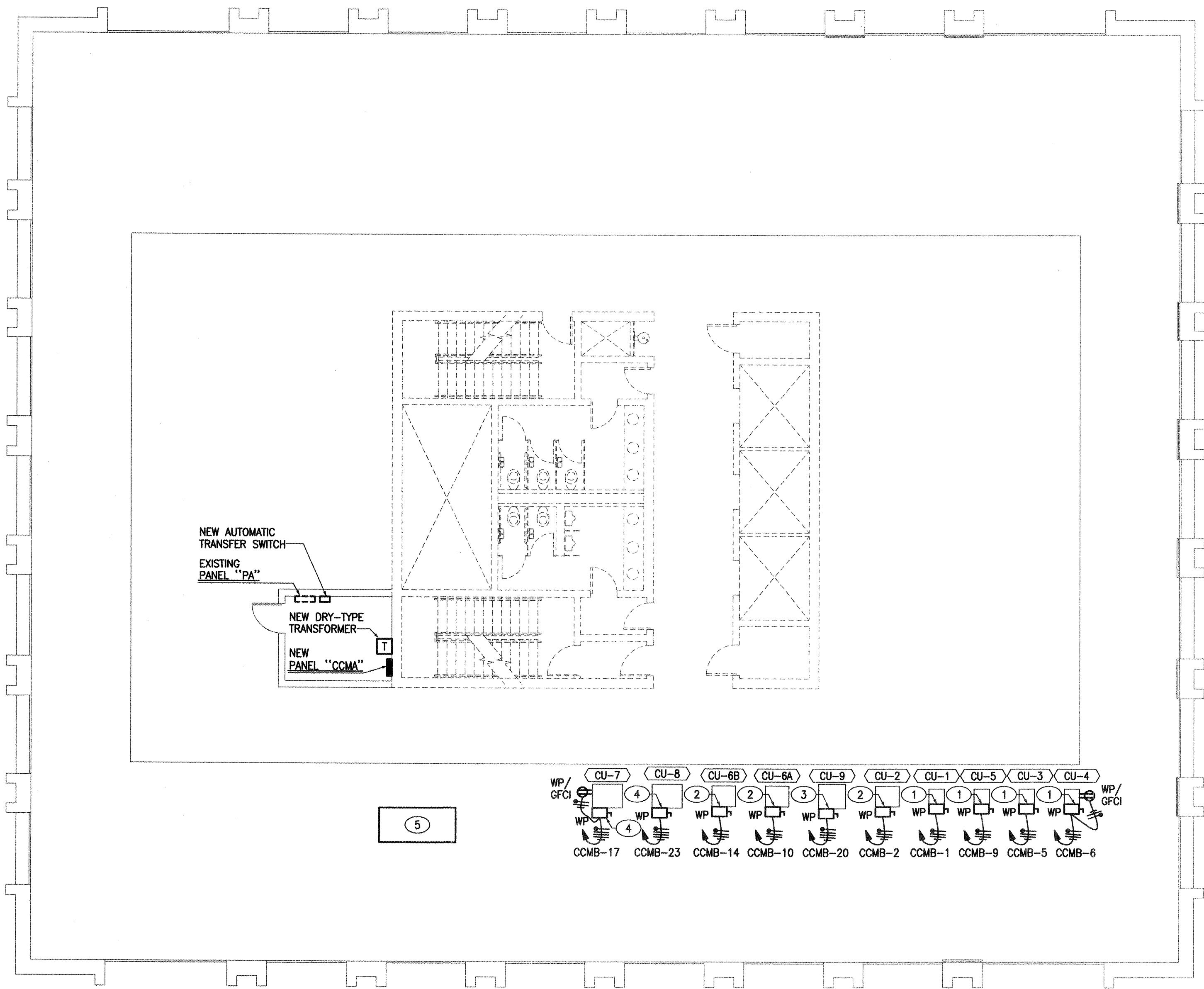


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OCTOBER 2005

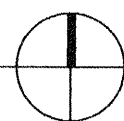
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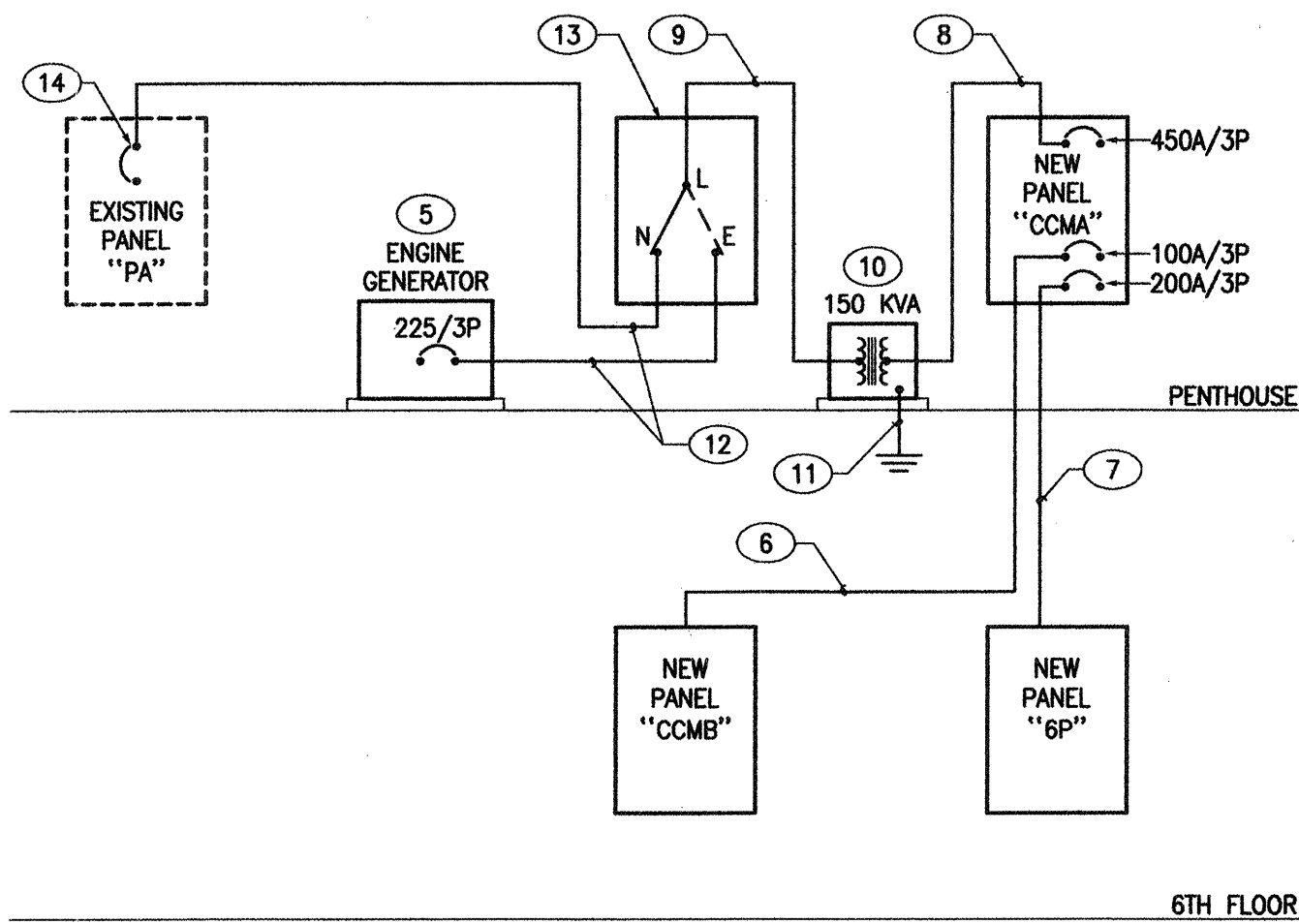
ELECTRICAL ROOF PLAN

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



KEYED NOTES

- 240V-30A-2P-3W, FUSIBLE, RAINTIGHT DISCONNECT SWITCH. FUSES AS RECOMMENDED BY UNIT MANUFACTURER. USE #10 CONDUCTORS THROUGHOUT CIRCUIT.
- 240V-60A-2P-3W, FUSIBLE, RAINTIGHT DISCONNECT SWITCH. FUSES AS RECOMMENDED BY UNIT MANUFACTURER. 3#6 AND 1#8 GROUND IN A 1" CONDUIT.
- 240V-100A-3P-4W, FUSIBLE, RAINTIGHT DISCONNECT SWITCH. FUSES AS RECOMMENDED BY UNIT MANUFACTURER. 4#2 AND 1#8 GROUND IN A 1-1/4" CONDUIT.
- 240V-60A-3P-4W, FUSIBLE, RAINTIGHT DISCONNECT SWITCH. FUSES AS RECOMMENDED BY UNIT MANUFACTURER. 4#6 AND 1#8 GROUND IN A 1" CONDUIT.
- ENGINE-GENERATOR WITH WEATHERPROOF HOUSING. 277/480V-3#-4W-125 KW, 188 KVA, NATURAL GAS, EQUAL TO KOHLER MODEL SERIES RZG, WITH REMOTE ANNUNCIATOR.
- 4#2 AND 1#8 GROUND IN A 1-1/4" CONDUIT.
- 4#4/0 AND 1#2 GROUND IN A 2-1/2" CONDUIT.
- 2 - 2-1/2" CONDUITS EACH WITH 4#4/0 ANF 1#6 GROUND.
- 3#3/0 AND 1#6 GROUND IN A 2" CONDUIT.
- 480 VOLT PRIMARY / 208/120 VOLT SECONDARY, 150 KVA DRY-TYPE TRANSFORMER. PROVIDE HOUSEKEEPING PAD.
- REFER TO GROUNDING SYSTEM DIAGRAM.
- 4#4/0 AND 1#2 GROUND IN A 2-1/2" CONDUIT.
- AUTOMATIC TRANSFER SWITCH SHALL BE 277/480 VOLT, 260 AMP, MECHANICALLY HELD, WITH MPAC MICROPROCESSOR CONTROL PANEL, NEMA 1 ENCLOSURE, KOHLER #KOT-ACTA SERIES.
- FURNISH AND INSTALL A NEW 225A/3P CIRCUIT BREAKER USING EXISTING SPACES IN EXISTING PANEL "PA".



POWER RISER DIAGRAM

SCALE: NONE

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OCTOBER 2005

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CHECKED BY: DDR DATE: OCTOBER 2004

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT

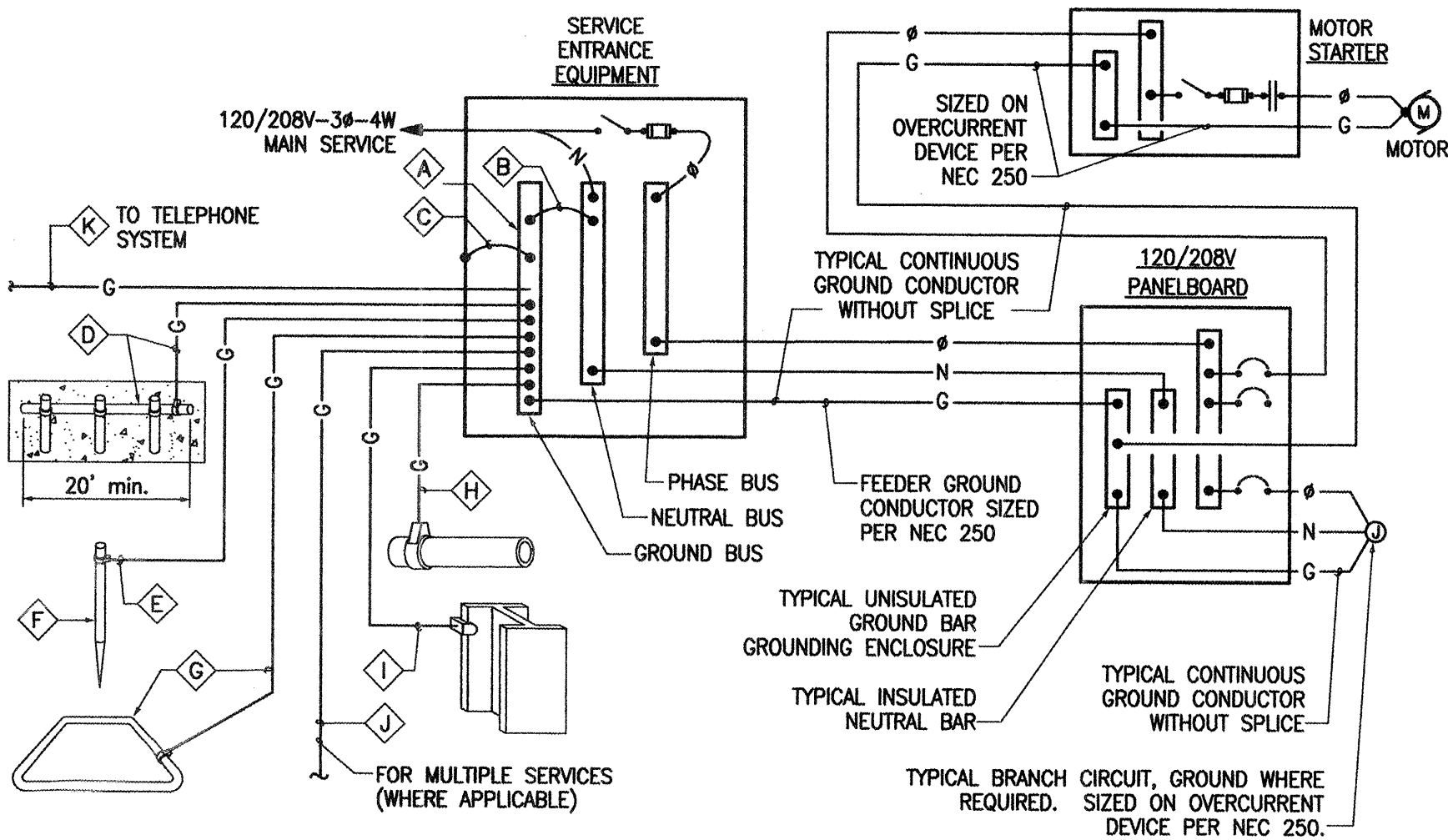
TITLE: **ELECTRICAL ROOF PLAN** OCTOBER 2004

Design Review Committee	City Engineer Approval	MO: 7/04/7/04	MO: 7/04/7/04

City Project No. **721203** Zone Map No. **J-14-Z** Sheet **17** Of **18**



E3.01



GROUNDING SYSTEM DIAGRAM

NOT TO SCALE

GROUNDING SYSTEM GENERAL NOTES

- THE GROUNDING ELECTRODE SYSTEM SHALL CONSIST OF ITEMS **A**, **B**, **C**, **D**, **E**, **F** AND **G**, WHERE APPLICABLE.
- ITEMS **D**, **I** AND **J** MUST BE BONDED TOGETHER AND TO THE GROUNDING ELECTRODE SYSTEM WHEN THEY ARE PRESENT.
- ITEM **D** CONCRETE ENCASED ELECTRODE (UFER) SHALL HAVE UFER SUPPORT CONSISTING OF 5/8" x 10' COPPER GROUND ROD CUT INTO 2' SECTIONS AND DRIVEN FOR SUPPORT OF UFER CONDUCTOR. ONLY COPPER TO COPPER CONNECTIONS ARE ACCEPTABLE. DO NOT USE RE-BAR FOR UFER SUPPORT. (THIS IS TO AVOID THE HARMFUL EFFECTS OF DISSIMILAR METALS IN CONTACT.) A U.L. LISTED COPPER TO RE-BAR CLAMP (SUCH AS GRAVES "JONES BOND" SYSTEM) IS AN APPROVED ALTERNATIVE.
- THIS DETAIL IS PROVIDED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE, ARTICLE 250, PERTAINING TO THE "GROUNDING ELECTRODE SYSTEM".
- ALL SPLICING SHALL BE ACCOMPLISHED VIA EXOTHERMIC WELD (CAD-WELD) ONLY.
- ALL CONDUCTOR SIZING INDICATED ON THE GROUNDING SCHEDULE ARE FOR COPPER CONDUCTORS. ALUMINUM IS NOT PERMITTED.
- ANY VARIANCES FROM THIS DIAGRAM AND ASSOCIATED SCHEDULE AND NOTES MUST BE REQUESTED AND APPROVED IN WRITING PRIOR TO INSTALLATION.
- ALL INSTALLATIONS SHALL COMPLY WITH THE LATEST ADOPTED EDITION OF N.E.C. ARTICLE 250 (ALL SUBPARAGRAPHS) AND ALL STATE AND LOCAL REQUIREMENTS.
- THE GROUNDING SYSTEM SHALL PROVIDE LESS THAN (4) FOUR OHMS RESISTANCE TO GROUND AT THE SERVICE CONNECTION. THE RESULTS SHALL BE VERIFIED BY AN INDEPENDENT TESTING AGENCY VIA GROUND TEST (FALL-OF-POTENTIAL) AND SUBMITTED TO ELECTRICAL ENGINEER UPON COMPLETION OF PROJECT.

	A	B	C	D	E	F	G	H	I	J	K
	FACTORY INSTALLED GROUND BUS BAR	INTEGRATED BUS BAR MAIN BOND JUMPER	INTEGRATED BUS BAR CASE BOND JUMPER	CONCRETE ENCASED ELECTRODE (UFER)	GROUNDING ELECTRODE CONDUCTOR TO ROD, PIPE, GROUND ROD OR PLATE	CU or CU-CLAD STEEL GROUND ROD	COPPER GROUND RING CONDUCTOR	METALLIC PIPING BONDING CONDUCTOR	BUILDING STEEL BONDING CONDUCTOR	MULTIPLE SERVICE BONDING CONDUCTOR	TELEPHONE SYSTEM GROUNDING CONDUCTOR
REF. AMPACITY	N.E.C. 250.102	N.E.C. 250.102	N.E.C. 250.50(c) 250.66(b)	N.E.C. 250.52(c) 250.52(d) 250.66(a)	N.E.C. 250.50(c) 250.52(c)(2)	N.E.C. 250.50(d) 250.66(c)	N.E.C. 250.50(e) 250.66	N.E.C. 250.50(b) 250.66	N.E.C. 250.66	N.E.C. 250.66	N.E.C. 250.66
200 AMP	#4	#4	#4	#6	5/8"x8'	#2	#4	#4	#4	#6	#6
225 AMP	#2	#2	#4	#6	5/8"x8'	#2	#4	#2	#2	#2	#6
400 AMP	#1/0	#1/0	#4	#6	5/8"x8'	#1/0	#1/0	#1/0	#1/0	#1/0	#6
600 AMP	#2/0	#2/0	#4	#6	5/8"x8'	#2/0	#2/0	#2/0	#2/0	#2/0	#6
800 AMP	#3/0	#3/0	#4	#6	5/8"x8'	#2/0	#2/0	#2/0	#2/0	#2/0	#6
1000 AMP	#3/0	#3/0	#4	#6	5/8"x8'	#3/0	#3/0	#3/0	#3/0	#3/0	#6
1200 AMP	250kMIL	250kMIL	#4	#6	5/8"x8'	#3/0	#3/0	#3/0	#3/0	#3/0	#6
1600 AMP	350kMIL	350kMIL	#4	#6	5/8"x8'	#3/0	#3/0	#3/0	#3/0	#3/0	#6
2000 AMP	400kMIL	400kMIL	#4	#6	5/8"x8'	#3/0	#3/0	#3/0	#3/0	#3/0	#6
2500 AMP	500kMIL	500kMIL	#4	#6	5/8"x8'	#3/0	#3/0	#3/0	#3/0	#3/0	#6
3000 AMP	500kMIL	500kMIL	#4	#6	5/8"x8'	#3/0	#3/0	#3/0	#3/0	#3/0	#6

PANEL: "6P"		VOLTAGE: 120/208V-3φ-4W			MAINS: 225A		AIC: 10,000		
SOURCE: "CCMA"		SKIRTS: N/A		FEED: TOP		MAIN BREAKER: N/A		MOUNTING: FLUSH	
DESCRIPTION		BREAKER	LOAD (VA)	CCT NO.	LOAD (VA)	CCT NO.	LOAD (VA)	BREAKER	DESCRIPTION
				#A	#B	#C			
RECPT.	20A-1P	500	1	1220			2	720	20A-1P RECPT.
RECPT.	20A-1P	360	3		900		4	540	20A-1P RECPT.
RECPT.	20A-1P	360	5			720	6	360	20A-1P RECPT.
RECPT.	20A-1P	360	7	1260			8	900	20A-1P RECPT.
SYSTEM FURNITURE	20A-1P	1000	9		2000		10	1000	20A-1P SYSTEM FURNITURE
SYSTEM FURNITURE	20A-1P	1000	11			2000	12	1000	20A-1P SYSTEM FURNITURE
SYSTEM FURNITURE	20A-1P	1000	13	2000			14	1000	20A-1P SYSTEM FURNITURE
SYSTEM FURNITURE	20A-1P	1000	15		2000		16	1000	20A-1P SYSTEM FURNITURE
SYSTEM FURNITURE	20A-1P	1000	17			2000	18	1000	20A-1P SYSTEM FURNITURE
SYSTEM FURNITURE	20A-1P	1000	19	2000			20	1000	20A-1P SYSTEM FURNITURE
SYSTEM FURNITURE	20A-1P	1000	21		2000		22	-	20A-1P SPARE
SYSTEM FURNITURE	20A-1P	1000	23			1000	24	-	20A-1P SPARE
SYSTEM FURNITURE	20A-1P	1000	25	1000			26	-	20A-1P SPARE
SPARE	20A-1P	-	27				28	-	20A-1P SPARE
SPARE	20A-1P	-	29				30	-	20A-1P SPARE
SPARE	20A-1P	-	31				32	-	20A-1P SPARE
SPARE	20A-1P	-	33				34	-	20A-1P SPARE
SPARE	20A-1P	-	35				36	-	20A-1P SPARE
SPARE	20A-1P	-	37				38	-	20A-1P SPARE
SPARE	20A-1P	-	39				40	-	20A-1P SPARE
SPARE	20A-1P	-	41				42	-	20A-1P SPARE
TOTAL LOAD (VA)		7480		6900		5720			
TOTAL CONNECTED (KVA): 20.1		ESTIMATED DEMAND (KVA):						DOOR-IN-DOOR GROUND BUS	

ELECTRICAL SYMBOL LEGEND	
SYMBOL	DESCRIPTION
○	CEILING OUTLET AND FIXTURE
●	CEILING OUTLET AND FIXTURE FED FROM EMERGENCY SOURCE.
□	FLUORESCENT OUTLET AND FIXTURE
▨	FLUORESCENT OUTLET AND FIXTURE FED FROM EMERGENCY SOURCE.
⊗	CEILING MOUNTED EXIT FIXTURE AND OUTLET WITH DIRECTIONAL ARROWS AS INDICATED
⊗	WALL BRACKET OR RECESSED EXIT FIXTURE AND WITH DIRECTIONAL ARROWS AS INDICATED
⊗	SINGLE POLE SWITCH, FLUSH MOUNTED UP 48" A.F.F. UNLESS INDICATED OTHERWISE
⊗	THREE-WAY SWITCH, FLUSH MOUNTED UP 48" A.F.F. UNLESS INDICATED OTHERWISE
⊗	SINGLE POLE SLIDE-TO-OFF INCANDESCENT DIMMING CONTROLLER, LUTRON #N-600 OR APPROVED EQUAL. FLUSH MOUNTED UP 48" A.F.F. UNLESS INDICATED OTHERWISE
⊗	KEYED SWITCH, FLUSH MOUNTED UP 48" A.F.F. UNLESS INDICATED OTHERWISE
⊗	DUPLEX CONVENIENCE OUTLET, UP 18" A.F.F. UNLESS INDICATED OTHERWISE
⊗	DUPLEX CONVENIENCE OUTLET, GROUND FAULT CIRCUIT INTERRUPTER, UP 18" A.F.F. UNLESS INDICATED OTHERWISE
⊗	WEATHERPROOF DUPLEX CONVENIENCE OUTLET, UP 18" A.F.F. OR AS INDICATED. BOX AND DEVICE SHALL BE SIMILAR AND EQUAL TO PASS & SEYMOUR #1591-F46 (DEVICE) AND #4600 (FLUSH MOUNTED LOCKING BOX)
⊗	FLUSH FLOOR DUPLEX RECEPTACLE
⊗	QUADPLEX CONVENIENCE OUTLET, UP 18" A.F.F. UNLESS INDICATED OTHERWISE
⊗	JUNCTION BOX INSTALLED ABOVE THE CEILING WITH FLEXIBLE CONDUIT CONNECTION TO LAY-IN FIXTURES. MAXIMUM 4'-0" LENGTH OF CONDUIT WITH REQUIRED CONDUCTORS ALONG WITH GREEN GROUND CONDUCTOR.
⊗	JUNCTION BOX FLUSH IN WALL, HEIGHT AS INDICATED ON DRAWINGS, WITH CONNECTION TO EQUIPMENT.
⊗	THERMOSTAT, UP 48" A.F.F. UNLESS INDICATED OTHERWISE.
⊗	BRANCH CIRCUIT PANELBOARD, REFER TO PANEL SCHEDULE FOR CHARACTERISTICS
⊗	VOICE / DATA OUTLET, UP 18" A.F.F. UNLESS INDICATED OTHERWISE. 3/4" CONDUIT MINIMUM, STUB UP ABOVE ACCESSIBLE CEILING SPACE (2 GANG BOX, SINGLE GANG MUD RING)
⊗	FLUSH FLOOR VOICE/DATA OUTLET
⊗	FIRE ALARM MANUAL PULL STATION, UP 48"
⊗	FIRE ALARM SPEAKER/VISUAL DEVICE INSTALLED 80" A.F.F. OR AS INDICATED.
⊗	FIRE ALARM VISUAL DEVICE INSTALLED 80" A.F.F. OR AS INDICATED.
⊗	FIRE ALARM AUDIO DEVICE INSTALLED 80" A.F.F. OR AS INDICATED.
⊗	FIRE ALARM SMOKE DETECTOR, PHOTOELECTRIC TYPE.
⊗	FIRE ALARM HEAT DETECTOR
⊗	CONCEALED BRANCH CIRCUIT WITH CONDUCTORS AS INDICATED. NEUTRAL, HOT, SWITCH LEG AND GROUND RESPECTIVELY.
⊗	BRANCH CIRCUIT CONCEALED UNDERFLOOR OR UNDER CARPET WITH CONDUCTORS AS INDICATED. NEUTRAL, HOT, SWITCH LEG AND GROUND RESPECTIVELY.
⊗	HOME RUN TO PANELBOARD WITH BRANCH CIRCUIT NUMBERS INDICATED.
NOTES: * LIGHTING FIXTURES ARE OF TYPE AS INDICATED ON LIGHT FIXTURE SCHEDULE U.N.O.	
* ALL MOUNTING HEIGHTS ARE TO CENTERLINE OF DEVICE U.N.O.	
* ANY SPECIFIC DETAILS ABOVE (MOUNTING HEIGHTS, PART NUMBERS, CONNECTION METHODS, ETC) MAY BE MODIFIED OR REPLACED BY INFORMATION ON PLANS, SCHEDULES, DETAILS, RISERS, ETC. DETAILS NOT SPECIFICALLY MODIFIED REMAIN AS GIVEN ABOVE.	

LIGHT FIXTURE SCHEDULE			
TYPE	FIXTURE DESCRIPTION	LAMPS	MOUNTING
A	2' x 4' RECESSED PARABOLIC FLUORESCENT LIGHT FIXTURE, ELECTRONIC BALLAST	(3)32W T8 3500°K	RECESSED
B	DIRECT/INDIRECT PENDANT MOUNTED LIGHT FIXTURE, ELECTRONIC BALLAST-277V	(3)32W T8 3500°K, PER 4' SECTION	PENDANT MOUNTED
C	1' x 4' SURFACE MOUNTED FLUORESCENT FIXTURE, ELECTRONIC BALLAST	(3)32W T8 3500°K	CEILING SURFACE
D	4' STRIP LIGHT FIXTURE, ELECTRONIC BALLAST, 277V	(2)32W T8 3500°K	IN LIGHT COVE
E	METALUX #SS-232-120-EB8	(2)26W	RECESSED
	POTFOLIO #C6226-L1-277V		
⊗	EMERGENCY EXIT LIGHT FIXTURE	WITH UNIT	WALL, ABOVE MIRROR
	SURE-LITES #CCX-1-R-WH-277		

PANEL: "CCMB"		VOLTAGE: 120/208V-3φ-4W				MAINS: 100A		AIC: 10,000			
SOURCE: PANEL "CCMA"		SKIRTS: N/A		FEED: TOP		MAIN BREAKER: N/A		MOUNTING: SURFACE			
DESCRIPTION		BREAKER	LOAD (VA)	CCT NO.	LOAD (VA)		CCT NO.	LOAD (VA)	BREAKER	DESCRIPTION	
					#A	#B	#C				
AC-1		20A-1P	828	1	1955			2	1127	20A-1P	AC-2
AC-3		20A-1P	828	3		1955		4	1127	20A-1P	AC-4
AC-5		20A-1P	1127	5			1955	6	828	20A-1P	AC-6A
AC-7		20A	900	7	1800			8	900	20A	AC-8
		/	900	9		1800		10	900	/	
		3P	900	11			1800	12	900	3P	
AC-6B		20A-1P	828	13	2415			14	1587	20A-1P	AC-9
SYSTEM FURNITURE		20A-1P	1500	15		3000		16	1500	20A-1P	SYSTEM FURNITURE
SYSTEM FURNITURE		20A-1P	1500	17			3000	18	1500	20A-1P	SYSTEM FURNITURE
SYSTEM FURNITURE		20A-1P	1500	19	1500			20	1500	20A-1P	SYSTEM FURNITURE
SPACE ONLY		1P	-	21				22	-	1P	SPACE ONLY
SPACE ONLY		1P	-	23				24	-	1P	SPACE ONLY
TOTAL LOAD (VA)					6170	3755	3755	DOOR-IN-DOOR GROUND BUS			
TOTAL CONNECTED (KVA): 13.6					ESTIMATED DEMAND (KVA): .						

LOAD SUMMARY-PANEL - CCMB	
DESCRIPTION	
PANELBOARD "CCMA" ESTIMATED DEMAND PER NEC 220	
MECHANICAL UNITS (13.6 KVA CONN) AT 100%	13.6 KVA
TOTAL ESTIMATE:	13.6 KVA
SUBTOTAL (125%)	17.0 KVA
TOTAL AMPACITY AT 120/208V-3φ-4W	47 AMPS
MINIMUM RECOMMENDED SERVICE SIZE =	100 AMPS

PANEL: "CCMA" (PENTHOUSE)		VOLTAGE: 120/208V-3Φ-4W			MAINS: 600A		AIC: 18,000		
SOURCE: .		SKIRTS: N/A		FEED: BOTTOM		MAIN BREAKER: N/A		MOUNTING: SURFACE	

DESCRIPTION	BREAKER	LOAD (VA)	CCT NO.	LOAD (VA)			CCT NO.	LOAD (VA)	BREAKER	DESCRIPTION	
				#A	#B	#C					
CU-1	20A 2P	1144	1	3224			2	2080	35A	CU-2	
		1144	3	3224			4	2080	2P		
		1144	5			2288	6	1144	20A		
CU-3	20A 2P	1144	7	2288			8	1144	2P	CU-4	
		1144	9		3848		10	2704	45A		
CU-5	20A 2P	1144	11			3848	12	2704	2P	CU-6A	
		1144	13	1768			14	1768	30A		
SPACE ONLY	1P	-	15	1768			16	1768	2P	CU-6B	
SPACE ONLY	1P	-	17			6340	18	3240	70A		
CU-7	40A /	3100	19			6340	20	3240	/	CU-9	
		3100	21			6340	22	3240	3P		
		3100	23			3100	24	-	1P		
CU-7	40A /	3100	25	9270			26	6170	100A	SPACE ONLY	
		3100	27		6855		28	3755	3P		
		3100	29			3755	30	3755	/		
SPARE	20A-1P	-	31	15000			32	15000	200A	PANEL "CCMA"	
SPARE	20A-1P	-	33		15000		34	15000	/		
SPARE	20A-1P	-	35			15000	36	15000	3P		
SPARE	20A-1P	-	37				38	-	20A-1P		SPARE
SPARE	20A-1P	-	39				40	-	20A-1P		SPARE
SPARE	20A-1P	-	41				42	-	20A-1P		SPARE
SPARE	20A-1P	-	41								SPARE
TOTAL LOAD (VA)		37891		37055		34331					
TOTAL CONNECTED (KVA): 109.2		ESTIMATED DEMAND (KVA): .						DOOR-IN-DOOR GROUND BUS			

LOAD SUMMARY-PANEL - CCMA	
DESCRIPTION	
PANELBOARD "CCMB" ESTIMATED DEMAND PER NEC 220	
MECHANICAL UNITS (109.2 KVA CONN) AT 100%	109.2 KVA
TOTAL ESTIMATE:	109.2 KVA
SUBTOTAL (125%)	136.5 KVA
TOTAL AMPACITY AT 120/208V-3φ-4W	379 AMPS
MINIMUM RECOMMENDED SERVICE SIZE =	600 AMPS

These RECORD DRAWINGS have been prepared from information furnished by the CONTRACTOR. These drawings are not a certification of actual conditions by the ENGINEER.

OCTOBER 2005

E4.01



CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT			
TITLE: ELECTRICAL SCHEDULES AND DETAILS		OCTOBER 2004	
Design Review Committee	City Engineer Approval	MO: 7/04/7/04	MO: 7/04/7/04
City Project No. 721203		Zone Map No. J-14-Z	Sheet 18 Of 18