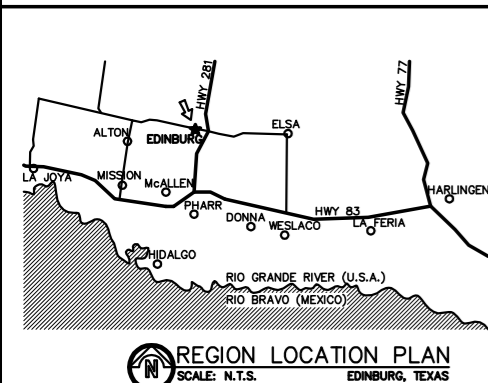


1st AND 2nd FLOORS REMODEL FORMER ADMINISTRATION BUILDING

100 E. CANO STREET, EDINBURG, TEXAS

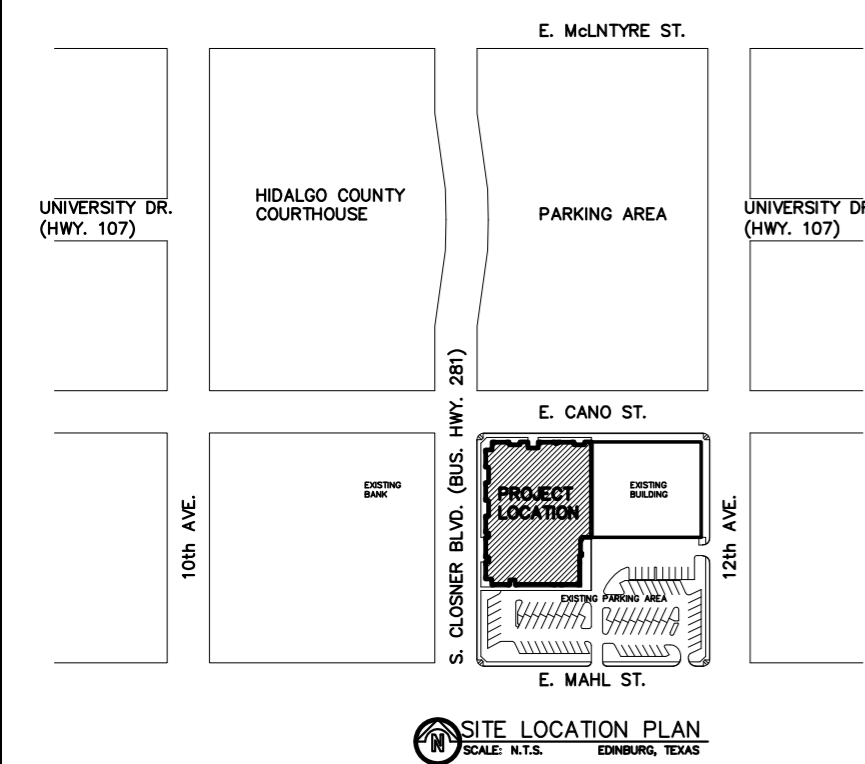
HIDALGO COUNTY, TEXAS



2011

HIDALGO COUNTY OFFICIALS

- J.D. SALINAS, III..... COUNTY JUDGE
- JOEL QUINTANILLA..... COMMISSIONER PCT. 1
- HECTOR 'TITO' PALACIOS..... COMMISSIONER PCT. 2
- JOE M. FLORES..... COMMISSIONER PCT. 3
- OSCAR L. GARZA, JR..... COMMISSIONER PCT. 4



DRAWINGS INDEX:

SHEET	DESCRIPTION
AC	COVER PAGE & SITE LOCATION
AD-1	1ST FLOOR: DEMOLITION PLAN
AD-2	2ND FLOOR: DEMOLITION PLAN
A-1	FIRST FLOOR: IMPROVEMENTS PLAN
A-2	SECOND FLOOR: IMPROVEMENTS PLAN
A-3	DOOR SCHEDULE & WINDOW TYPES
A-4	ENLARGED FLOOR PLANS, INTERIOR ELEVATIONS
A-5	INTERIOR ELEVATIONS, CABINET DETAILS
A-6	CABINET DETAILS, STAIR DETAILS
A-7	ENLARGED LEGISLATIVE CHAMBER & ELEVATIONS
A-8	FRAMING DETAILS, WINDOW TYPES & DETAILS
A-8.1	ELEVATIONS AT WORK AREA 233, LEGISLATIVE BENCH PLAN
A-9	FIRST FLOOR: REFLECTED CEILING PLAN
A-10	SECOND FLOOR: REFLECTED CEILING PLAN
A-11	EMERGENCY GENERATOR LOCATION AND DETAILS
A-12	FIRST & SECOND FLOORS: FLOOR FINISH PLANS
S1.1	STRUCTURAL GENERAL NOTES
S2.1	2ND FLOOR FRAMING PLAN
S3.1	3RD FLOOR FRAMING PLAN
SD1	STRUCTURAL DETAILS
DE-1	FIRST FLOOR: ELECTRICAL LIGHTING DEMOLITION PLAN
DE-2	SECOND FLOOR: ELECTRICAL LIGHTING DEMOLITION PLAN
DE-3	FIRST FLOOR: ELECTRICAL POWER DEMOLITION PLAN
DE-4	SECOND FLOOR: ELECTRICAL POWER DEMOLITION PLAN
DM-1	FIRST FLOOR: MECHANICAL DEMOLITION PLAN
DM-2	SECOND FLOOR: MECHANICAL DEMOLITION PLAN
DP-1	FIRST FLOOR: PLUMBING DEMOLITION PLAN
DP-2	SECOND FLOOR: PLUMBING DEMOLITION PLAN
E-1	FIRST FLOOR: ELECTRICAL LIGHTING IMPROVEMENT PLAN
E-2	SECOND FLOOR: ELECTRICAL LIGHTING IMPROVEMENT PLAN
E-3	FIRST FLOOR: ELECTRICAL POWER IMPROVEMENT PLAN
E-4	SECOND FLOOR: ELECTRICAL POWER IMPROVEMENT PLAN
E-5	FIRST FLOOR: MECHANICAL & PLUMBING EQUIPMENT PLAN
E-6	SECOND FLOOR: MECHANICAL & PLUMBING EQUIPMENT PLAN
E-7	MECHANICAL EQUIPMENT CONNECTION & ELECTRICAL FIXTURE SCHEDULES
E-8	FEEDER / BRANCH CIRCUIT SCHEDULE, ELECTRICAL RISER DIAGRAM, TRANSFORMER SCHEDULE & ELECTRICAL LEGEND
E-9	ELECTRICAL PANEL SCHEDULES
E-10	ELECTRICAL PANEL SCHEDULES
E-11	ELECTRICAL PANEL SCHEDULES
E-12	ELECTRICAL PANEL SCHEDULE & ELECTRICAL DETAILS
E-13	ELECTRICAL DETAILS
M-1	FIRST FLOOR: MECHANICAL IMPROVEMENT PLAN
M-2	SECOND FLOOR: MECHANICAL IMPROVEMENT PLAN
M-3	MECHANICAL SYMBOLS, ABBREVIATIONS, NOTES & SCHEDULES
M-4	MECHANICAL SCHEDULES
M-5	MECHANICAL DETAILS
M-6	MECHANICAL DETAILS
MEP-1	M.E.P. SITE PLAN
P-1	FIRST FLOOR: PLUMBING SANITARY SEWER IMPROVEMENTS PLAN
P-2	SECOND FLOOR: PLUMBING SANITARY SEWER IMPROVEMENTS PLAN
P-3	FIRST FLOOR: PLUMBING DOMESTIC WATER IMPROVEMENTS PLAN
P-4	SECOND FLOOR: PLUMBING DOMESTIC WATER IMPROVEMENTS PLAN
P-5	PLUMBING SYMBOL LEGEND, PLUMBING SCHEDULE & DETAILS
P-6	PLUMBING RISER SCHEMATIC DIAGRAM

- NOT FOR REGULATORY APPROVAL, PERMITTING, OR CONSTRUCTION -

THE USE OF THESE DRAWINGS IS RESTRICTED TO THE ORIGINAL PURPOSE FOR WHICH THEY WERE INTENDED. REPRODUCTION WITHOUT WRITTEN PERMISSION FROM THE OWNER IS PROHIBITED.

PROJECT # _____
ISSUED: _____
DRAWN BY: O.C.
CHECKED BY: _____
FILE NAME: _____

STRUCTURAL ENGINEER:
HINOJOSA ENGINEERING, INC.
108 W. 18TH STREET
MISSION, TX 78572
TEL: 956.581.0143

ARCHITECT:
ALC6CER GARC3A ASSOCIATES, INC.
1333 E. JASMINE AVE.
MCALLEN, TX 78501
TEL: 956.618.2007

MECHANICAL / ELECTRICAL / PLUMBING ENGINEER:
MEP SOLUTIONS ENGINEERING
600 E. BEAUMONT AVE. SUITE 2
MCALLEN, TX 78501
TEL: 956.664.2727

1st AND 2nd FLOORS REMODEL
FORMER ADMINISTRATION BUILDING
HIDALGO COUNTY, TEXAS
CITY OF EDINBURG, TEXAS

THE USE OF THESE DRAWINGS IS RESTRICTED TO THE ORIGINAL PURPOSE FOR WHICH THEY WERE INTENDED. REPRODUCTION WITHOUT WRITTEN PERMISSION FROM THE OWNER IS PROHIBITED.

PROJECT # 08072
ISSUED: 03/05/09
DRAWN BY:
CHECKED BY:
FILE NAME:
SHEET:

PANELBOARD LP1 - Section 1

VOLTAGE: 208Y/120 VOLT 3 PHASE 4 WIRE
225 A MAIN LUGS ONLY
BUSES: MAIN - 225 A NEUTRAL - 100% EQUIPMENT GROUNDING
LOCATION: ROOM MOUNTING SURFACE
INC = 10,000 A RMS SYM AVAILABLE

WVL	WVR	WVO	LOAD	BKR	OKT	PH	OKT	BKR	LOAD	WVL	WVR	WVO
1000			RECEPTACLES	20/1	1	A	2	20/1	RECEPTACLES			900
			500RECEPTACLES	20/1	3	B	4	20/1	RECEPTACLES			1000
			500RECEPTACLES	20/1	5	C	6	20/1	RECEPTACLES			1000
			500REFRIGERATOR	20/1	7	A	8	20/1	RECEPTACLES			1000
900			RECEPTACLES	20/1	9	B	10	20/1	RECEPTACLES			1000
			500RECEPTACLES	20/1	11	C	12	20/1	RECEPTACLES			1000
1000			RECEPTACLES	20/1	13	A	14	20/1	RECEPTACLES			1000
			500RECEPTACLES	20/1	15	B	16	20/1	RECEPTACLES			1000
1000			RECEPTACLES	20/1	17	C	18	20/1	RECEPTACLES			1000
			500RECEPTACLES	20/1	19	A	20	20/1	RECEPTACLES			1000
300			RECEPTACLES	20/1	21	B	22	20/1	RECEPTACLES			1000
			500REFRIGERATOR	20/1	23	C	24	20/1	RECEPTACLES			900
			500RECEPTACLES	20/1	25	A	26	20/1	RECEPTACLES			720
			500RECEPTACLES	20/1	27	B	28	20/1	RECEPTACLES			1000
			500RECEPTACLES	20/1	29	C	30	20/1	RECEPTACLES			1000
			SPACE	20/1	31	A	32	20/1	SPACE			
			SPACE	20/1	33	B	34	20/1	SPACE			
			SPACE	20/1	35	C	36	20/1	SPACE			
			SPACE	20/1	37	A	38	20/1	SPACE			
			SPACE	20/1	39	B	40	20/1	SPACE			
			SPACE	20/1	41	C	42	20/1	SPACE			

PANELBOARD LP1 - Section 2

WVL	WVR	WVO	LOAD	BKR	OKT	PH	OKT	BKR	LOAD	WVL	WVR	WVO
1000			RECEPTACLES	20/1	43	A	44	20/1	RECEPTACLES			500
540			RECEPTACLES	20/1	45	B	46	20/1	RECEPTACLES			500
900			RECEPTACLES	20/1	47	C	48	20/1	REFRIGERATOR			900
			500REFRIGERATOR	20/1	49	A	50	20/1	RECEPTACLES			1000
			500RECEPTACLES	20/1	51	B	52	20/1	RECEPTACLES			900
			500RECEPTACLES	20/1	53	C	54	20/1	RECEPTACLES			720
1000			RECEPTACLES	20/1	55	A	56	20/1	RECEPTACLES			720
			500RECEPTACLES	20/1	57	B	58	20/1	RECEPTACLES			1000
1000			RECEPTACLES	20/1	59	C	60	20/1	RECEPTACLES			1000
900			RECEPTACLES	20/1	61	A	62	20/1	ELWC			1200
1000			RECEPTACLES	20/1	63	B	64	20/1	RECEPTACLES			900
170			RECEPTACLES	20/1	65	C	66	20/1	OT-1A/2A			540
900			RECEPTACLES	20/1	67	A	68	20/1	RECEPTACLES			900
			500RECEPTACLES	20/1	69	B	70	20/1	RECEPTACLES			1000
900			RECEPTACLES	20/1	71	C	72	20/1	LIGHTING			800
			500SPACE Saver	20/1	73	A	74	20/1	SPACE			
			500SPACE Saver	20/1	75	B	76	20/1	SPACE			
			SPACE	20/1	77	C	78	20/1	SPACE			
			2000GENERATOR PANE	20/1	79	A	80	20/1	SPACE			
2000			2000	100/2	81	B	82	20/1	SPACE			
					83	C	84	20/1	SPACE			

WVL (LIGHTING)	800	CONNECTED	1000	DEMAND
WVR (RECEPTACLES)	41760	CONNECTED	25880	DEMAND
WVO (OTHER)	15164	CONNECTED	15164	DEMAND
VA TOTAL	57724	CONNECTED	43044	DEMAND
AMPS: TOTAL	160	CONNECTED	117	DEMAND

L	R	O	TOTAL
14040	4500		18540
15300	4500		19800
800	12420	6164	19384
900	41760	15164	57724

VA CONNECTED TO A PHASE 18540 VA = 155 AMPS CONNECTED TO A PHASE @ 120 VOLTS
VA CONNECTED TO B PHASE 19800 VA = 165 AMPS CONNECTED TO B PHASE @ 120 VOLTS
VA CONNECTED TO C PHASE 19384 VA = 162 AMPS CONNECTED TO C PHASE @ 120 VOLTS
TOTAL 57724 VA

PANELBOARD LP2 - Section 1

VOLTAGE: 208Y/120 VOLT 3 PHASE 4 WIRE
400 A MAIN CIRCUIT BREAKER
BUSES: MAIN - 400 A NEUTRAL - 100% EQUIPMENT GROUNDING
LOCATION: ROOM MOUNTING SURFACE
INC = 10,000 A RMS SYM AVAILABLE

WVL	WVR	WVO	LOAD	BKR	OKT	PH	OKT	BKR	LOAD	WVL	WVR	WVO
1000			RECEPTACLES	20/1	1	A	2	20/1	REFRIGERATOR			900
			1200ELWC	20/1	3	B	4	20/1	RECEPTACLES			1000
900			RECEPTACLES	20/1	5	C	6	20/1	RECEPTACLES			1000
540			RECEPTACLES	20/1	7	A	8	20/1	RECEPTACLES			1000
720			RECEPTACLES	20/1	9	B	10	20/1	RECEPTACLES			1000
1000			RECEPTACLES	20/1	11	C	12	20/1	SPACE			1000
1000			RECEPTACLES	20/1	13	A	14	20/1	RECEPTACLES			1000
1000			RECEPTACLES	20/1	15	B	16	20/1	RECEPTACLES			900
1000			RECEPTACLES	20/1	17	C	18	20/1	RECEPTACLES			1000
1000			RECEPTACLES	20/1	19	A	20	20/1	RECEPTACLES			1000
1000			RECEPTACLES	20/1	21	B	22	20/1	REFRIGERATOR			900
900			RECEPTACLES	20/1	23	C	24	20/1	RECEPTACLES			1000
720			RECEPTACLES	20/1	25	A	26	20/1	SPACE			1000
1000			RECEPTACLES	20/1	27	B	28	20/1	RECEPTACLES			1000
1000			RECEPTACLES	20/1	29	C	30	20/1	RECEPTACLES			1000
			SPACE	20/1	31	A	32	20/1	SPACE			
			SPACE	20/1	33	B	34	20/1	SPACE			
			SPACE	20/1	35	C	36	20/1	SPACE			
			SPACE	20/1	37	A	38	20/1	SPACE			
			SPACE	20/1	39	B	40	20/1	SPACE			
			SPACE	20/1	41	C	42	20/1	SPACE			

PANELBOARD LP2 - Section 2

WVL	WVR	WVO	LOAD	BKR	OKT	PH	OKT	BKR	LOAD	WVL	WVR	WVO
1000			RECEPTACLES	20/1	43	A	44	20/1	REFRIGERATOR			900
1000			RECEPTACLES	20/1	45	B	46	20/1	RECEPTACLES			900
			500RECEPTACLES	20/1	47	C	48	20/1	RECEPTACLES			1000
			500RECEPTACLES	20/1	49	A	50	20/1	RECEPTACLES			1000
			500REFRIGERATOR	20/1	51	B	52	20/1	RECEPTACLES			1000
			1000RECEPTACLES	20/1	53	C	54	20/1	RECEPTACLES			1000
			500RECEPTACLES	20/1	55	A	56	20/1	RECEPTACLES			1000
			500RECEPTACLES	20/1	57	B	58	20/1	RECEPTACLES			1000
			500RECEPTACLES	20/1	59	C	60	20/1	RECEPTACLES			720
			500RECEPTACLES	20/1	61	A	62	20/1	RECEPTACLES			720
720			RECEPTACLES	20/1	63	B	64	20/1	RECEPTACLES			1000
170			RECEPTACLES	20/1	65	C	66	20/1	RECEPTACLES			1000
1000			RECEPTACLES	20/1	67	A	68	20/1	REFRIGERATOR			900
1000			RECEPTACLES	20/1	69	B	70	20/1	SPACE			900
			500REF-1	20/1	71	C	72	20/1	SPACE			
			432V-1B	20/1	73	A	74	20/1	SPACE			
			SPACE	20/1	75	B	76	20/1	SPACE			
			4000SPACE	20/1	77	C	78	20/1	SPACE			
			4000	20/1	79	A	80	20/1	SPACE			
			SPACE	20/1	81	B	82	20/1	SPACEBOARD LP1			14640
			SPACE	20/1	83	C	84	20/1	SPACE			15300

WVL (LIGHTING)	800	CONNECTED	1000	DEMAND
WVR (RECEPTACLES)	75760	CONNECTED	42890	DEMAND
WVO (OTHER)	10626	CONNECTED	10626	DEMAND
VA TOTAL	117236	CONNECTED	84546	DEMAND
AMPS: TOTAL	323	CONNECTED	235	DEMAND

L	R	O	TOTAL
24660	14500		39160
28020	10380		38400
800	24300	15496	40596
900	75760	10626	117236

VA CONNECTED TO A PHASE 39160 VA = 326 AMPS CONNECTED TO A PHASE @ 120 VOLTS
VA CONNECTED TO B PHASE 38400 VA = 320 AMPS CONNECTED TO B PHASE @ 120 VOLTS
VA CONNECTED TO C PHASE 40596 VA = 338 AMPS CONNECTED TO C PHASE @ 120 VOLTS
TOTAL 117236 VA

PANELBOARD LC1

VOLTAGE: 208Y/120 VOLT 3 PHASE 4 WIRE
225 A MAIN LUGS ONLY
BUSES: MAIN - 225 A NEUTRAL - 200% EQUIPMENT GROUNDING, ISOLATED GROUNDING, 1755 PANELBOARD
LOCATION: ROOM MOUNTING SURFACE
INC = 10,000 A RMS SYM AVAILABLE

WVL	WVR	WVO	LOAD	BKR	OKT	PH	OKT	BKR	LOAD	WVL	WVR	WVO
360			COMPUTERS	20/1	1	A	2	20/1	COMPUTERS			1000
720			COMPUTERS	20/1	3	B	4	20/1	COMPUTERS			1000
			1000COMPUTERS	20/1	5	C	6	20/1	COMPUTERS			1000
			1000COMPUTERS	20/1	7	A	8	20/1	COMPUTERS			1000
720			COMPUTERS	20/1	9	B	10	20/1	COMPUTERS			1000
			1000COMPUTERS	20/1	11	C	12	20/1	COMPUTERS			720
1000			COMPUTERS	20/1	13	A	14	20/1	COMPUTERS			720
			1000COMPUTERS	20/1	15	B	16	20/1	COMPUTERS			720
1000			COMPUTERS	20/1	17	C	18	20/1	COMPUTERS			1000
720			COMPUTERS	20/1	19	A	20	20/1	COMPUTERS			1000
720			COMPUTERS	20/1	21	B	22	20/1	SPACE			
720			COMPUTERS	20/1	23	C	24	20/1	SPACE			
720			COMPUTERS	20/1	25	A	26	20/1	SPACE			
720			COMPUTERS	20/1	27	B	28	20/1	SPACE			
720			COMPUTERS	20/1	29	C	30	20/1	SPACE			
180			4700PANEL FT	100/3	31	A	32	20/1	SPACE			
540			432V		33	B	34	20/1	SPACE			
180			432V		35	C	36	20/1	SPACE			
12960			PANEL FT	100/3	37	A	38	30/3	F.V.S.S.			
12960					39	B	40					
12960					41	C	42					

WVL (LIGHTING)		CONNECTED		DEMAND
WVR (RECEPTACLES)	53280	CONNECTED	31640	DEMAND
WVO (OTHER)	20100	CONNECTED	20100	DEMAND
VA TOTAL	73380	CONNECTED	51740	DEMAND
AMPS: TOTAL	204	CONNECTED</		

1st AND 2nd FLOORS REMODEL
FORMER ADMINISTRATION BUILDING
HIDALGO COUNTY, TEXAS
CITY OF EDINBURG, TEXAS

THE USE OF THESE DRAWINGS IS RESTRICTED TO THE ORIGINAL PURPOSE FOR WHICH THEY WERE INTENDED. REPRODUCTION WITHOUT WRITTEN PERMISSION FROM THE OWNER IS PROHIBITED.

PROJECT # 08072
ISSUED: 03/05/09
DRAWN BY:
CHECKED BY:
FILE NAME:
SHEET:

PANELBOARD F1

VOLTAGE: 208Y/120 VOLT 3 PHASE 4 WIRE
100 A MAIN LUGS ONLY
BUSES: MAIN - 100 A; NEUTRAL - 200%; EQUIPMENT GROUND; ISOLATED GROUND; TVSS PANELBOARD
LOCATION: ROOM MOUNTING SURFACE
sec = 10,000 A RMS STN AVAILABLE

W/L	WLR	WLO	LOAD	BKR	CKT	PH	CKT	BKR	LOAD	VAL	VAR	WAO
1080			CUBICALS	20/1	1	A	2	20/1	CUBICALS	1080		1080
1080			CUBICALS	20/1	3	B	4	20/1	CUBICALS	1080		1080
1080			CUBICALS	20/1	5	C	6	20/1	CUBICALS	1080		1080
1080			CUBICALS	20/1	7	A	8	20/1	CUBICALS	1080		1080
1080			CUBICALS	20/1	9	B	10	20/1	CUBICALS	1080		1080
1080			CUBICALS	20/1	11	C	12	20/1	CUBICALS	1080		1080
1080			CUBICALS	20/1	13	A	14	20/1	CUBICALS	1080		1080
1080			CUBICALS	20/1	15	B	16	20/1	CUBICALS	1080		1080
1080			CUBICALS	20/1	17	C	18	20/1	CUBICALS	1080		1080
1080			CUBICALS	20/1	19	A	20	20/1	CUBICALS	1080		1080
1080			CUBICALS	20/1	21	B	22	20/1	CUBICALS	1080		1080
1080			CUBICALS	20/1	23	C	24	20/1	CUBICALS	1080		1080
1080			CUBICALS	20/1	25	A	26	20/1	CUBICALS	1080		1080
1080			CUBICALS	20/1	27	B	28	20/1	CUBICALS	1080		1080
1080			CUBICALS	20/1	29	C	30	20/1	CUBICALS	1080		1080
1080			CUBICALS	20/1	31	A	32	20/1	SPACE			
1080			CUBICALS	20/1	33	B	34	20/1	SPACE			
1080			CUBICALS	20/1	35	C	36	20/1	SPACE			
1080			CUBICALS	20/1	37	A	38	20/3	TVSS			
1080			CUBICALS	20/1	39	B	40	-				
1080			CUBICALS	20/1	41	C	42	-				

W/L (LIGHTING)	CONNECTED			
WLR (RECEPTILES)	38860	CONNECTED	24440	DEMAND
WLO (OTHER)		CONNECTED		DEMAND
W/TOTAL	38860	CONNECTED	24440	DEMAND
AMPS: TOTAL	108	CONNECTED	86	DEMAND

L	R	O	TOTAL
12960			12960 VA =
12960			108 AMPS CONNECTED TO A PHASE @ 120 VOLTS
12960			108 AMPS CONNECTED TO B PHASE @ 120 VOLTS
38880			108 AMPS CONNECTED TO C PHASE @ 120 VOLTS
			TOTAL 38880 VA

PANELBOARD F2

VOLTAGE: 208Y/120 VOLT 3 PHASE 4 WIRE
100 A MAIN LUGS ONLY
BUSES: MAIN - 100 A; NEUTRAL - 200%; EQUIPMENT GROUND; ISOLATED GROUND; TVSS PANELBOARD
LOCATION: ROOM MOUNTING SURFACE
sec = 10,000 A RMS STN AVAILABLE

W/L	WLR	WLO	LOAD	BKR	CKT	PH	CKT	BKR	LOAD	VAL	VAR	WAO
1080			CUBICALS	20/1	1	A	2	20/1	CUBICALS	1080		1080
1080			CUBICALS	20/1	3	B	4	20/1	CUBICALS	1080		1080
1080			CUBICALS	20/1	5	C	6	20/1	CUBICALS	1080		1080
1080			CUBICALS	20/1	7	A	8	20/1	COMPUTER ROOM	1080		1080
1080			CUBICALS	20/1	9	B	10	20/1	COMPUTER ROOM	1080		1080
1080			CUBICALS	26/1	11	C	12	20/1	COMPUTER ROOM	1080		1080
1500PACKS				30/1	13	A	14	20/1	COMPUTER ROOM	1080		1080
1500PACKS				30/1	15	B	16	20/1	COMPUTER ROOM	1080		1080
1500PACKS				30/1	17	C	18	20/1	COMPUTER ROOM	1080		1080
1500PACKS				30/1	19	A	20	20/1	COMPUTER ROOM	1080		1080
SPACE				20/1	21	B	22	20/1	COMPUTER ROOM	1080		1080
SPACE				20/1	23	C	24	20/1	FILES			500
SPACE				20/1	25	A	26	20/1	SPACE			
SPACE				20/1	27	B	28	20/1	SPACE			
SPACE				20/1	29	C	30	20/1	SPACE			
SPACE				20/1	31	A	32	20/1	SPACE			
SPACE				20/1	33	B	34	20/1	SPACE			
SPACE				20/1	35	C	36	20/1	SPACE			
SPACE				20/1	37	A	38	20/3	TVSS			
SPACE				20/1	39	B	40	-				
SPACE				20/1	41	C	42	-				

W/L (LIGHTING)	CONNECTED			
WLR (RECEPTILES)	5720	CONNECTED	9720	DEMAND
WLO (OTHER)		CONNECTED	14500	DEMAND
W/TOTAL	5720	CONNECTED	24220	DEMAND
AMPS: TOTAL	67	CONNECTED	67	DEMAND

L	R	O	TOTAL
3240			3240 VA =
3240			77 AMPS CONNECTED TO A PHASE @ 120 VOLTS
3240			65 AMPS CONNECTED TO B PHASE @ 120 VOLTS
9720			92 AMPS CONNECTED TO C PHASE @ 120 VOLTS
			TOTAL 24220 VA

PANELBOARD R1

VOLTAGE: 208Y/120 VOLT 3 PHASE 4 WIRE
100 A MAIN LUGS ONLY
BUSES: MAIN - 100 A; NEUTRAL - 200%; EQUIPMENT GROUND; ISOLATED GROUND; TVSS PANELBOARD
LOCATION: ROOM MOUNTING SURFACE
sec = 10,000 A RMS STN AVAILABLE

W/L	WLR	WLO	LOAD	BKR	CKT	PH	CKT	BKR	LOAD	VAL	VAR	WAO
1518			LIGHTING	20/1	1	A	2	20/1	COMPUTERS	1518		1518
1564			LIGHTING	20/1	3	B	4	20/1	COMPUTERS	1564		1564
890			15RECEPTILES/6A/7A	20/1	5	C	6	20/1	COMPUTERS	890		890
			1000RECEPTILES	20/1	7	A	8	20/1	COMPUTERS	1080		1080
			1000RECEPTILES	20/1	9	B	10	20/1	COMPUTERS	1080		1080
			500RECEPTILES	20/1	11	C	12	20/1	COMPUTERS	720		720
560			RECEPTILES	20/1	13	A	14	20/1	COMPUTERS	180		180
300			RECEPTILES	20/1	15	B	16	20/1	COMPUTERS	250		250
1080			RECEPTILES	20/1	17	C	18	20/1	COMPUTERS	360		360
1080			RECEPTILES	20/1	19	A	20	20/1	COMPUTERS	360		360
1080			RECEPTILES	20/1	21	B	22	20/1	COMPUTERS	360		360
1080			RECEPTILES	20/1	23	C	24	20/1	SPACE			
1080			RECEPTILES	20/1	25	A	26	20/1	SPACE			
720			RECEPTILES	20/1	27	B	28	20/1	SPACE			
1132			EXISTING LIGHTING	20/1	29	C	30	20/1	SPACE			
			EXISTING LIGHTING	20/1	31	A	32	20/1	SPACE			
900			RECEPTILES	20/1	33	B	34	20/1	SPACE			
			500 SPACES/AMH	20/1	35	C	36	20/1	SPACE			
			SPACE	20/1	37	A	38	20/3	TVSS			
			SPACE	20/1	39	B	40	-				
			SPACE	20/1	41	C	42	-				

W/L (LIGHTING)	4984	CONNECTED	6230	DEMAND
WLR (RECEPTILES)	11340	CONNECTED	10670	DEMAND
WLO (OTHER)	7536	CONNECTED	7536	DEMAND
W/TOTAL	23860	CONNECTED	24436	DEMAND
AMPS: TOTAL	66	CONNECTED	68	DEMAND

L	R	O	TOTAL
1518	4140	3000	7728 VA =
1564	4860	3000	8664 VA =
1782	2520	3556	7858 VA =
4864	13340	7536	23860 VA

PANELBOARD R2

VOLTAGE: 208Y/120 VOLT 3 PHASE 4 WIRE
100 A MAIN LUGS ONLY
BUSES: MAIN - 100 A; NEUTRAL - 200%; EQUIPMENT GROUND; ISOLATED GROUND; TVSS PANELBOARD
LOCATION: ROOM MOUNTING SURFACE
sec = 10,000 A RMS STN AVAILABLE

W/L	WLR	WLO	LOAD	BKR	CKT	PH	CKT	BKR	LOAD	VAL	VAR	WAO
1560			234 LIGHTING/75/75/75	20/1	1	A	2	20/1	RECEPTILES	1560		1560
1780			LIGHTING	20/1	3	B	4	20/1	RECEPTILES	1780		1780
1848			LIGHTING	20/1	5	C	6	20/1	REFRIGERATOR	1848		1848
			540 RECEPTILES	20/1	7	A	8	20/1	RECEPTILES	540		540
1080			RECEPTILES	20/1	9	B	10	20/1	RECEPTILES	1080		1080
1080			RECEPTILES	20/1	11	C	12	20/1	RECEPTILES	1080		1080
1080			RECEPTILES	20/1	13	A	14	20/1	RECEPTILES	1080		1080
540			COMPUTERS	20/1	15	B	16	20/1	RECEPTILES	1080		1080
720			COMPUTERS	20/1	17	C	18	20/1	RECEPTILES	540		540
720			COMPUTERS	20/1	19	A	20	20/1	RECEPTILES	720		720
720			COMPUTERS	20/1	21	B	22	20/1	RECEPTILES	720		720
500			COMPUTERS	20/1	23	C	24	20/1	RECEPTILES	1080		1080
720			COMPUTERS	20/1	25	A	26	20/1	RECEPTILES	1080		1080
500			COMPUTERS	20/1	27	B	28	20/1	RECEPTILES	1080		1080
500			COMPUTERS	20/1	29	C	30	20/1	RECEPTILES	1080		1080
500			COMPUTERS	20/1	31	A	32	20/1	COMPUTERS	500		500
500			COMPUTERS	20/1	33	B	34	20/1	COMPUTERS	500		500
500			COMPUTERS	20/1	35	C	36	20/1	COMPUTERS	500		500
1080			COMPUTERS	20/1	37	A	38	20/3	TVSS			
			SPACE	20/1	39	B	40	-				
			SPACE	20/1	41	C	42	-				

W/L (LIGHTING)	5156	CONNECTED	6460	DEMAND
WLR (RECEPTILES)	20520	CONNECTED	15280	DEMAND
WLO (OTHER)	5234	CONNECTED	5234	DEMAND
W/TOTAL	30922	CONNECTED	26954	DEMAND
AMPS: TOTAL	86	CONNECTED	75	DEMAND

L	R	O	TOTAL
1560	7200	1734	10494 VA =
1780	7380	1500	10660 VA =
1848	5940	2000	9788 VA =
3188	20520	5334	30922 VA

1st AND 2nd FLOORS REMODEL
FORMER ADMINISTRATION BUILDING
HIDALGO COUNTY, TEXAS
CITY OF EDINBURG, TEXAS

PANELBOARD AV

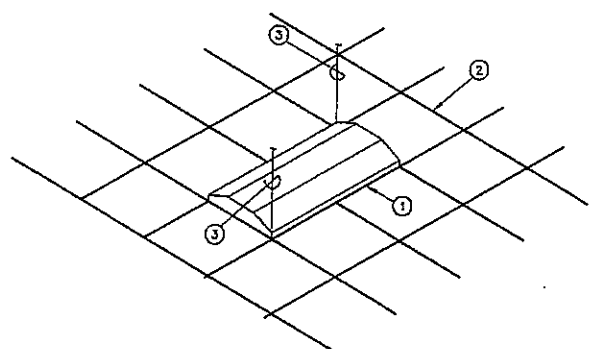
VOLTAGE: 208Y/120 VOLT 3 PHASE 4 WIRE
100 A MAIN BUS ONLY
ELBUSES: MAIN - 100 A; NEUTRAL - 200A; EQUIPMENT GROUND; ISOLATED GROUND; TYPIC PANELBOARD
LOCATION: ROOM
MOUNTING: SURFACE
Isc = 10,000 A RMS SYM AVAILABLE

VAL	WLR	VALD	LOAD	BKR	CKT	PH	CKT	BKR	LOAD	VAL	WLR	VALD
			900LCO & CAMERAS	20/1	1	A	2	20/1	INTERFACE TABLE			1000
			1200LCO & CAMERAS	20/1	3	B	4	20/1	CONTROL ROOM			1000
			800LCO & CAMERAS	20/1	5	C	6	20/1	CONTROL ROOM			1000
180			400FB-3 RECEPTACLE & LCO	20/1	7	A	8	20/1	SOUND RACK			1500
540			15-1/2" RECEPTACLE	20/1	9	B	10	20/1	SOUND RACK			1500
180			1000FB-6 RECEPTACLE & W RACK	20/1	11	C	12	20/1	SOUND RACK			1500
			1000W RACK	20/1	13	A	14	20/1	SPARE			1500
			400LCO	20/1	15	B	16	20/1	SPARE			
			SPACE	20/1	17	C	18	20/1	SPARE			
			SPACE	20/1	19	A	20	20/1	SPACE			
			SPACE	20/1	21	B	22	20/1	SPACE			
			SPACE	20/1	23	C	24	20/1	SPACE			
			SPACE	20/1	25	A	26	20/1	SPACE			
			SPACE	20/1	27	B	28	20/1	SPACE			
			SPACE	20/1	29	C	30	20/1	SPACE			
			SPACE	20/1	31	A	32	20/1	SPACE			
			SPACE	20/1	33	B	34	20/1	SPACE			
			SPACE	20/1	35	C	36	20/1	SPACE			
			SPACE	20/1	37	A	38	20/1	SPACE			
			SPACE	20/1	39	B	40	-	-			
			SPACE	20/1	41	C	42	-	-			

VAL (LIGHTING)	900	CONNECTED	DEMAND
WLR (RECEPTABLES)	900	CONNECTED	900
VALD (OTHER)	13100	CONNECTED	13100
VAL TOTAL	14000	CONNECTED	14000
AMPS: TOTAL	39	CONNECTED	39

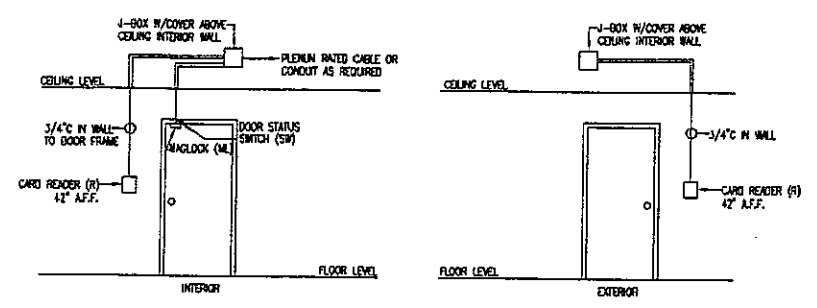
L	R	D	VA CONNECTED TO A PHASE	4880 VA =	41 AMPS CONNECTED TO A PHASE @ 120 VOLTS
180	4700		VA CONNECTED TO B PHASE	4640 VA =	38 AMPS CONNECTED TO B PHASE @ 120 VOLTS
540	4100		VA CONNECTED TO C PHASE	4480 VA =	37 AMPS CONNECTED TO C PHASE @ 120 VOLTS
180	4300		TOTAL	14000 VA	
900	13100				

A - ELECTRICAL PANEL SCHEDULE
SCALE: N.T.S.

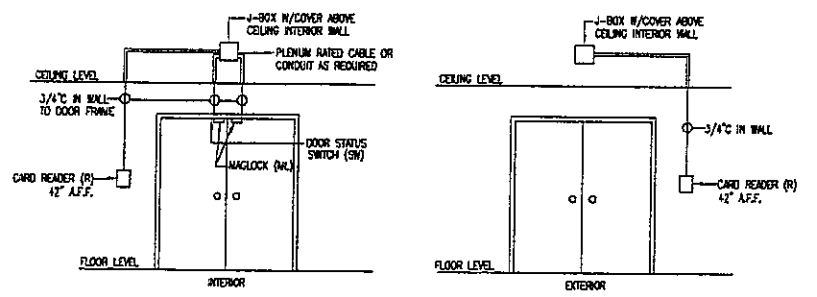


- NOTES BY SYMBOL "O"**
- ① 2' x 4' LAY-IN FLUORESCENT FIXTURE
 - ② SUSPENDED CEILING
 - ③ THE WIRE, CONNECT TO TWO CORNERS OF FIXTURE TO STRUCTURE ABOVE, INDEPENDENT OF CEILING SUPPORTS.

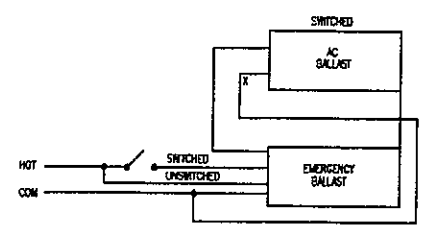
B - TYPICAL LAY-IN FIXTURE SUPPORT
SCALE: N.T.S.



C - ELECTRICAL MAGLOCK (SGL DOOR)
SCALE: N.T.S.



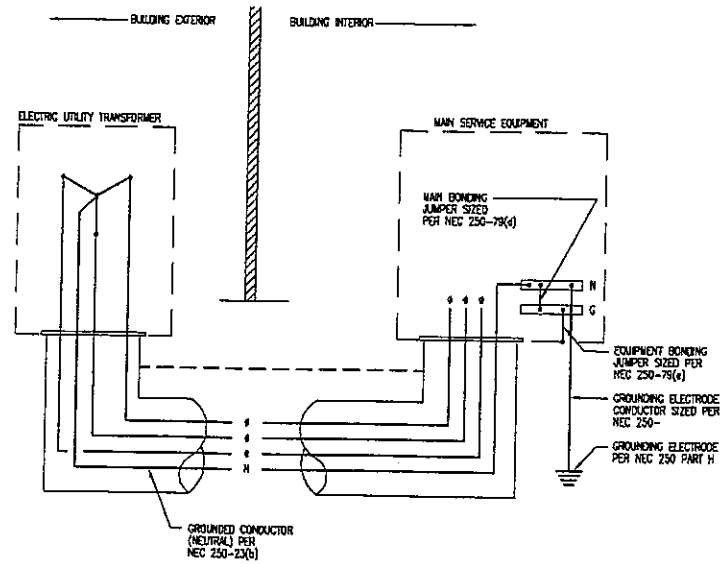
D - ELECTRICAL MAGLOCK (DBL DOOR)
SCALE: N.T.S.



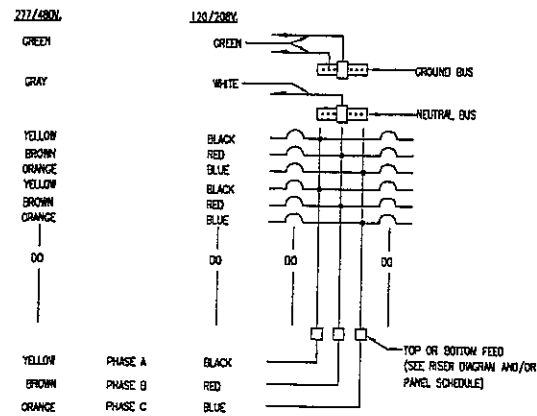
E - EMERGENCY BALLAST WIRING DETAIL
SCALE: N.T.S.

THE USE OF THESE DRAWINGS IS RESTRICTED TO THE ORIGINAL PURPOSE FOR WHICH THEY WERE INTENDED. REPRODUCTION WITHOUT WRITTEN PERMISSION FROM THE OWNER IS PROHIBITED.

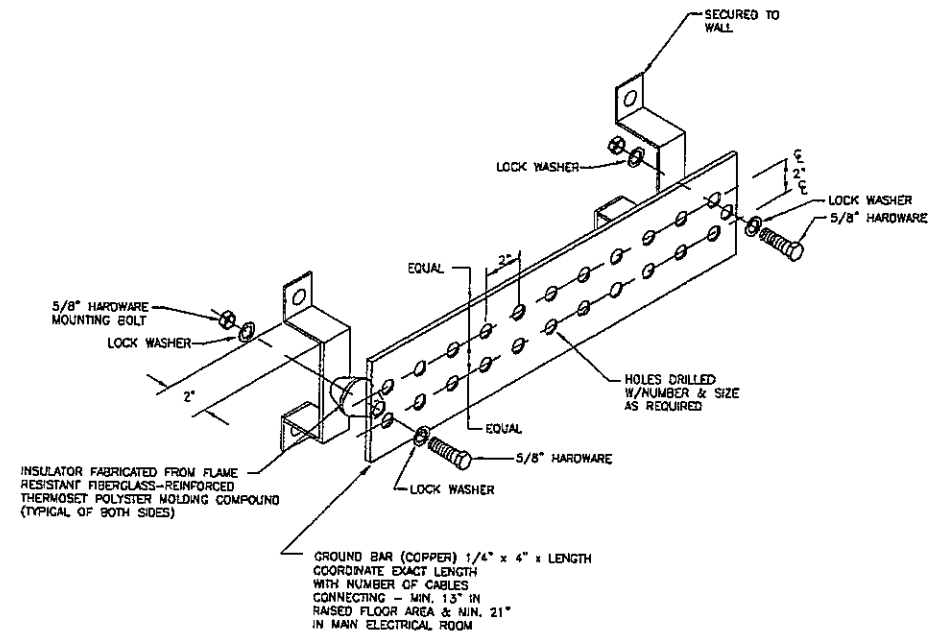
PROJECT # 08072
ISSUED: 03/05/09
DRAWN BY:
CHECKED BY:
FILE NAME:
SHEET:



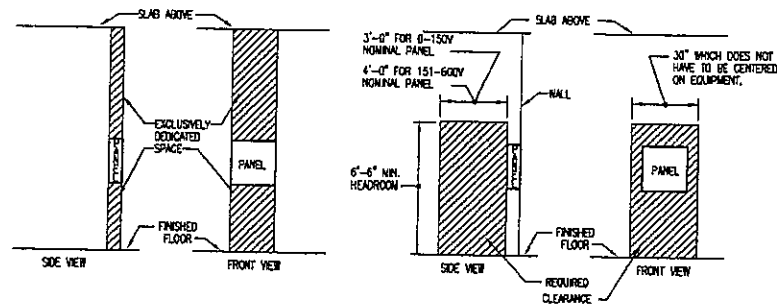
A - SERVICE ENTRANCE (MAIN SWITCHBOARD) GROUNDING DETAIL
SCALE: N.T.S.



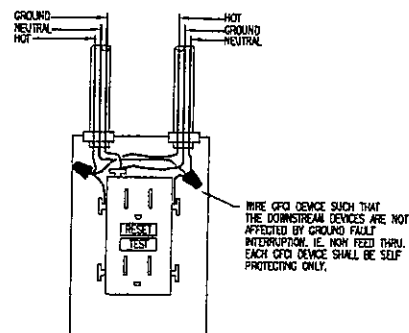
B - TYPICAL PANEL COLOR DETAIL
SCALE: N.T.S.



C - WALL MOUNTED SINGLE-POINT GROUND BAR DETAIL
SCALE: N.T.S.



D - TYPICAL PANELBOARD REQUIRED CLEARANCE
SCALE: N.T.S.

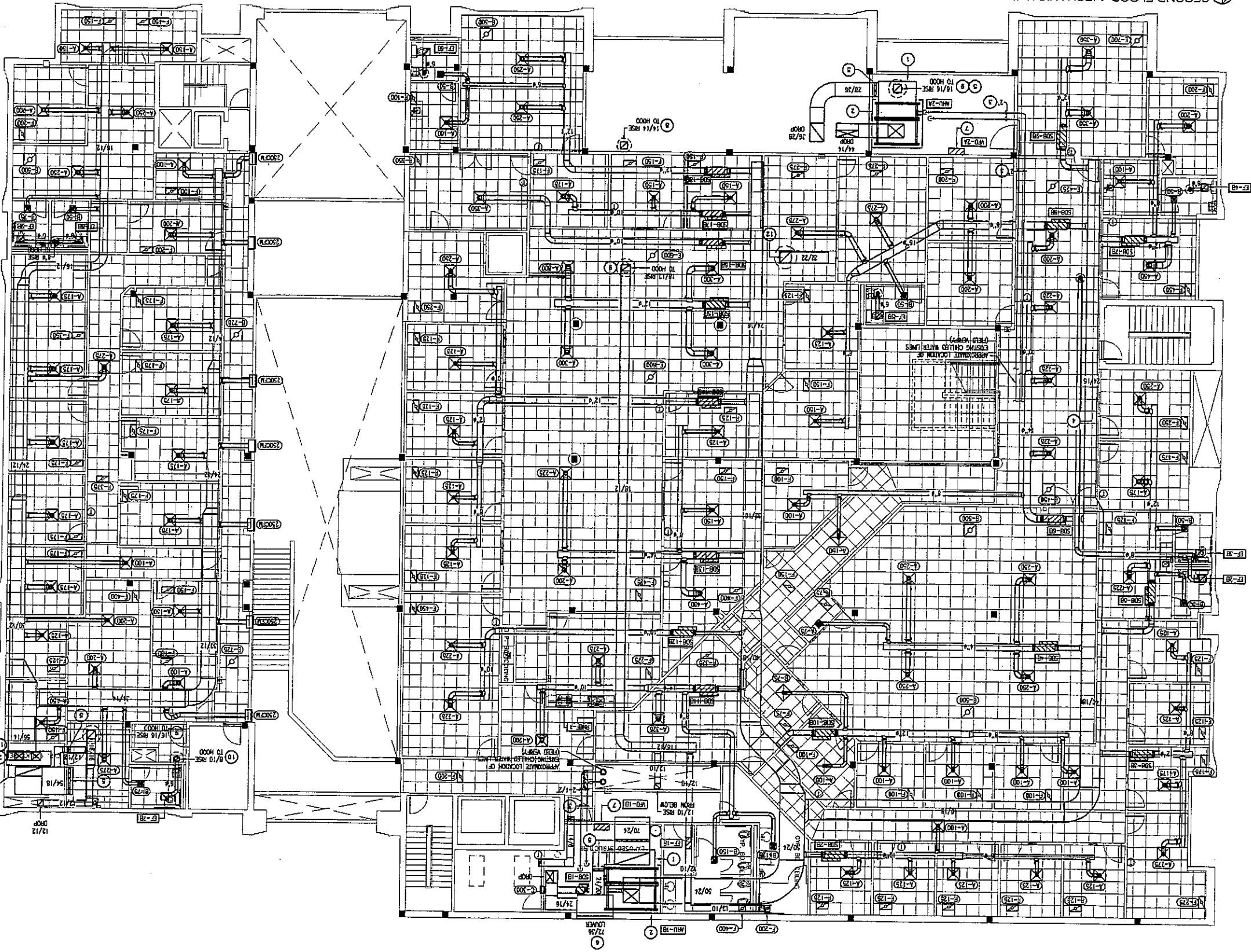


E - GFCI RECEPTACLE - WIRING DIAGRAM
SCALE: N.T.S.

1st AND 2nd FLOORS REMODEL
FORMER ADMINISTRATION BUILDING
HIDALGO COUNTY, TEXAS
CITY OF EDINBURG, TEXAS

THE USE OF THESE DRAWINGS IS RESTRICTED TO THE ORIGINAL PURPOSE FOR WHICH THEY WERE INTENDED. REPRODUCTION WITHOUT WRITTEN PERMISSION FROM THE OWNER IS PROHIBITED.

PROJECT # 08072
ISSUED: 03/05/09
DRAWN BY:
CHECKED BY:
FILE NAME:
SHEET:



GENERAL NOTES:

- A. REFER TO GENERAL MECHANICAL NOTES FOR ADDITIONAL NOTES.
- B. MECHANICAL CONTRACTOR SHALL COORDINATE WITH ALL OTHER TRADES TO MAINTAIN ACCESS CLEARANCES FOR ALL MECHANICAL EQUIPMENT.
- C. A/C DUCTS SHALL BE SHEET METAL TYPE WITH DUCT RAMP INSULATION UNLESS OTHERWISE NOTED.

KEY NOTES:

- 1. RETURN AIR DUCTS OF EQUAL SIZE OF UNIT DRAWING, RETURN AIR PLUMB/DUCT SHALL BE INTERLUPLY LINED WITH INSULATION.
- 2. PROVIDE 6" CONCRETE PAD FOR AIR HANDLING UNIT. PAD SHALL EXTEND 6" BEYOND AND PERIMETER.
- 3. PROVIDE NEW CHILLED WATER LINE FROM UNIT AND RE-CONNECT TO EXISTING WATER ROUTE CHILLED WATER LINES AROUND OUTDOOR NEW LINES SHALL BE CONSTRUCTED OF EQUAL MATERIALS AS EXISTING LINES (OWNER'S PREVIOUS/PROJECT) REFER TO COIL CONNECTION DETAIL FOR FURTHER INFORMATION.
- 4. DUCT STATIC PRESSURE SENSOR LOCATION.
- 5. PROVIDE AND INSTALL NUMERICAL CONTROL DAMPER EQUAL TO A PERSON MODEL 10507.
- 6. PROVIDE AND INSTALL LOWER EQUAL TO A PERSON MODEL "CH252000", WITH KINVA FINISH, COORDINATE COLOR SECTION WITH ARCHITECT.
- 7. W/P SHALL BE PROVIDED BY MECHANICAL CONTRACTOR AND WIRED BY ELECTRICAL CONTRACTOR.
- 8. HOOD SHALL BE FINISHED WITH 14-INCH ROOF CURB.
- 9. HOOD SHALL BE FINISHED WITH 14-INCH ROOF CURB.
- 10. HOOD SHALL BE FINISHED WITH 14-INCH ROOF CURB.
- 11. EXISTING RELOCATED 20-TON AIR HANDLING UNIT (TAK) CIRCUL HEAT RECOVERY UNIT, PROVIDE NEW RECOVERY LINES AND INSULATION LOCATED ON ROOF. PROVIDE NEW RECOVERY LINES AND INSULATION ALUMINUM JACKET, AIR HANDLING UNIT SHALL BE BALANCE TO PROVIDE 6400 CFM SUPPLY AIR AND 600 CFM OUTSIDE AIR.
- 12. 22/22 RISE TO RELIEF HOOD, PROVIDE HOOD EQUAL TO A COOK HOOD, 20-FT. HOOD SHALL BE FINISHED WITH 14-INCH ROOF CURB. INSTALL COUNTER BALANCE BACKDRAFT DAMPER IN DUCT RISE EQUAL TO A PERSON MODEL 10507 WITH CONTROL BALANCE WEIGHTS SET TO RELEASE AIR AT 2057 W.G.

**1st AND 2nd FLOORS REMODEL
FORMER ADMINISTRATION BUILDING
HIDALGO COUNTY, TEXAS
CITY OF EDINBURG, TEXAS**

Aldred Garcia Associates, Inc.
Design Consulting
1333 E. Lorraine Ave.
McAllen, Texas 78501
Office: 956.618.2007
Fax: 956.618.2008
Web: WWW.AGACON.COM



THE USE OF THESE DRAWINGS IS RESTRICTED TO THE ORIGINAL PURPOSE FOR WHICH THEY WERE INTENDED. REPRODUCTION WITHOUT WRITTEN PERMISSION FROM THE OWNER IS PROHIBITED.

PROJECT # 08072
ISSUED: 03/05/09
DRAWN BY:
CHECKED BY:
FILE NAME:

SHEET:

GENERAL MECHANICAL NOTES

- THESE DRAWINGS ARE DIAGNOSTIC ONLY AND SHALL NOT BE SCALED. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL CONSTRUCTION EFFORTS. PROVIDE ALL NECESSARY OFFSETS AND FITTINGS AS REQUIRED BY FIELD CONDITIONS.
- CONTRACTOR SHALL HANG AND INSTALL ALL DUCTWORK TIGHT WITH THE BUILDING STRUCTURE TO ACCOMMODATE CEILING. CONTRACTOR SHALL COORDINATE INSTALLATION WORK WITH ALL OTHER TRADES. ALL DUCTWORK SHALL BE MODIFIED AS REQUIRED TO FIT AROUND BUILDING STRUCTURES.
- CONTRACTOR SHALL BALANCE ALL AIR DISTRIBUTION SYSTEMS TO ACHIEVE THE AIR VOLUME REQUIREMENTS AS INDICATED. BALANCING SHALL INCLUDE ADJUSTMENT OF ALL MANUAL VOLUME DAMPERS AND INDIVIDUAL DIFFUSER DAMPERS.
- CONTRACTOR SHALL MOUNT ALL THERMOSTATS 48-INCHES ABOVE FINISHED FLOOR UNLESS OTHERWISE NOTED. COORDINATE THE FINAL LOCATION OF EACH THERMOSTAT WITH ROOM FINISHES. PROVIDE ALL CONTROL VOLTAGE WIRING FOR THERMOSTAT INSTALLATION.
- CONTRACTOR SHALL COORDINATE THE FINAL LOCATIONS OF ALL CEILING AIR DEVICES WITH LIGHTING INSTALLATIONS AND ARCHITECTURAL CEILING PLANS. AIR DEVICES SHALL BE RELOCATED IF REQUIRED TO AVOID OBSTRUCTION WITH DUCTWORK AND LIGHT FIXTURES.
- PROVIDE SMOKE DETECTORS AND SHUTDOWN CONTROLS ON AIR HANDLING UNITS. SMOKE DETECTORS SHALL BE PROVIDED, INSTALLED, AND WIRED FOR SHUTDOWN BY DIVISION 16.

NECK/BRANCH DUCT SIZE CHART

NECK/BRANCH SIZE	CFM RANGE
6" DIAMETER	0 - 150
8" DIAMETER	151 - 280
10" DIAMETER	281 - 450
12" DIAMETER	451 - 600
14" DIAMETER	601 - 800
16" DIAMETER	801 - 1000

AIR DEVICE SCHEDULE

DESIGNATION	SIZE	MOUNTING	THROW	NECK TYPE	CONSTRUCTION	DBD	MAX. INC.	FINISH	MANUFACTURER	MODEL
A	24 X 24	LAY IN	4-WAY	ROUND	ALUMINUM	YES	30	#26 WHITE	TITUS	TNS-MA
B	12 X 12	SURFACE	4-WAY	ROUND	ALUMINUM	YES	30	#26 WHITE	TITUS	TNS-MA
C	14 X 6	SURFACE	4-WAY	-	ALUMINUM	YES	30	#26 WHITE	TITUS	300FL
D	36 X 4	SURFACE	1-WAY	-	ALUMINUM	NO	30	#26 WHITE	TITUS	GT-680
E	24 X 24	LAY IN	-	-	ALUMINUM	NO	30	#26 WHITE	TITUS	50F
F	24 X 12	LAY IN	-	-	ALUMINUM	NO	30	#26 WHITE	TITUS	50F
G	12 X 12	SURFACE	-	-	ALUMINUM	NO	30	#26 WHITE	TITUS	350FL

LEGEND: CFM (A-200) DESIGNATION

NOTES: 1. SIZE SHALL INCLUDE MODULE WITH FULL FACE.
2. COORDINATE AIR DEVICE TYPE WITH ARCHITECTURAL CEILING.
3. NECK SIZE PER NECK/BRANCH DUCT SIZE CHART.

GENERAL ABBREVIATIONS

ABBREVIATION	DESCRIPTION	ABBREVIATION	DESCRIPTION
AF	ABOVE FINISHED FLOOR	NW	KILOWATTS
AHU	AIR HANDLING UNIT	L	LOUVER
ACCU	AIR COOLED CONDENSING UNIT	MAX	MAXIMUM
DB	DRY BULB	MIN	MINIMUM
EDH	ELECTRIC DUCT HEATER	NTS	NOT TO SCALE
EF	EXHAUST FAN	ODB	OPPOSED BLADE DAMPER
FCU	FAN COIL UNIT	RTU	ROOF TOP UNIT
FCU1	FAN COOLED CONDENSING UNIT	S.P.	STATIC PRESSURE
KEF	KITCHEN EXHAUST FAN	WB	WET BULB
KSF	KITCHEN SUPPLY FAN		

MECHANICAL SYMBOLS

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
⊙	THERMOSTAT	⊠	EXHAUST AIR DUCT
⊞	SUPPLY AIR DEVICE (SEE SCHEDULE)	⊞	RETURN AIR DUCT
⊞	RETURN/TRANSFER AIR DEVICE (SEE SCHEDULE)	⊞	SUPPLY AIR DUCT
▭	RECTANGULAR DUCT TRANSITION	W/X	DUCT INTERNAL DIMENSIONS (WIDTH/DEPTH)
⊞	ROUND FLEX DUCT	⊞	ROUND BRANCH DUCT WITH MANUAL BALANCING DAMPER
⊞	DUCT FIRE DAMPER (PROVIDE WITH ACCESS DOOR)	⊞	SINGLE DUCT BOX (SEE SCHEDULE)
⊞	CONDENSING UNIT (SEE SCHEDULE)	⊞	HIGH WALL UNIT (SEE SCHEDULE)

RANGE HOOD SCHEDULE

DESIGNATION	RHEF-1
TYPE	RECIRCULATING
FAN TYPE	CENTRIFUGAL
HOOD HEIGHT	6"
HOOD WIDTH	30"
HOOD LENGTH	17.5'
ANPS	2.0
VOLTAGE/PHASE	120/1φ
MANUFACTURER	BROWN
MODEL	413001
REMARKS	1.2

- REMARKS:
1. PROVIDE WITH ALUMINUM SCREEN, CHARCOAL FILTER, 2-SPEED FAN AND LIGHT.
2. COLOR SELECTION BY ARCHITECT.

EXHAUST FAN SCHEDULE

DESIGNATION	EF-1A	EF-2A	EF-3A	EF-4A	EF-5A	EF-6A	EF-7A	EF-8A	EF-9A	EF-10A	EF-20	EF-30	EF-40	EF-50	EF-60	EF-70	EF-80	EF-90
EXHAUST CFM	500	900	100	100	100	100	100	100	100	600	100	100	100	100	100	100	100	100
EXTERNAL S.P. (W.G.)	0.4	0.4	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375
MOTOR HP	1/8	1/8	78 WATTS	78 WATTS	78 WATTS	78 WATTS	78 WATTS	78 WATTS	78 WATTS	1/8	78 WATTS	78 WATTS	78 WATTS	78 WATTS	78 WATTS	78 WATTS	78 WATTS	78 WATTS
MOTOR RPM	1350	987	987	987	987	987	987	987	987	1448	987	987	987	987	987	987	987	987
DRAE TYPE	DIRECT	DIRECT	DIRECT	DIRECT	DIRECT	DIRECT	DIRECT	DIRECT	DIRECT	DIRECT	DIRECT	DIRECT	DIRECT	DIRECT	DIRECT	DIRECT	DIRECT	DIRECT
FAN TYPE	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL
MOUNTING LOCATION	ABV. CLG	ABV. CLG	CEILING	CEILING	CEILING	CEILING	CEILING	CEILING	CEILING	ABV. CLG	CEILING	CEILING	CEILING	CEILING	CEILING	CEILING	CEILING	CEILING
SONES	6.1	7.2	2.5	2.5	2.5	2.5	2.5	2.5	2.5	7.2	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
VOLTAGE/PHASE	120/1φ	120/1φ	277/1φ	277/1φ	277/1φ	277/1φ	277/1φ	277/1φ	277/1φ	120/1φ	277/1φ	277/1φ	277/1φ	277/1φ	277/1φ	277/1φ	277/1φ	277/1φ
MANUFACTURER	COOK	COOK	COOK	COOK	COOK	COOK	COOK	COOK	COOK	COOK	COOK	COOK	COOK	COOK	COOK	COOK	COOK	COOK
MODEL	100SON120	135SON100	CC-144	CC-144	CC-144	CC-144	CC-144	CC-144	CC-144	100SON120	CC-144	CC-144	CC-144	CC-144	CC-144	CC-144	CC-144	CC-144
UNIT WEIGHT (LBS)	100	150	15	15	15	15	15	15	15	100	15	15	15	15	15	15	15	15
REMARKS	1,2,3,4	1,2,3,5	1,2,3,4	1,2,3,4	1,2,3,4	1,2,3,4	1,2,3,4	1,2,3,4	1,2,3,4	1,2,3,5	1,2,3,4	1,2,3,4	1,2,3,4	1,2,3,4	1,2,3,4	1,2,3,4	1,2,3,4	1,2,3,4

- REMARKS:
1. PROVIDE WITH INTERNAL DISCONNECT.
2. PROVIDE WITH BACK DRAFT DAMPER.
3. PROVIDE WITH FAN SPEED CONTROL.
4. SWITCH WITH LIGHTS.
5. SWITCH WITH ENERGY MANAGEMENT SYSTEM.

THE USE OF THESE DRAWINGS IS RESTRICTED TO THE ORIGINAL PURPOSE FOR WHICH THEY WERE INTENDED. REPRODUCTION WITHOUT WRITTEN PERMISSION FROM THE OWNER IS PROHIBITED.

PROJECT # 08072
ISSUED: 03/05/09
DRAWN BY:
CHECKED BY:
FILE NAME:
SHEET:

"AHU-1A" SINGLE DUCT BOX SCHEDULE										
DESIGNATION	SERVING	INLET SIZE (INCHES)	AIRFLOW CFM (MAX/MIN)	OUTLET SIZE (INCHES)	ELECTRIC HEAT COIL DATA			MANUFACTURER	MODEL	
					MIN KW	EAT/LAT	VOLTAGE			
SDB-1A	AHU-1A	10"	925/370	14 X 12	4.0	55/95	460/3#	465	TITUS	DESV
SDB-2A	AHU-1A	8"	525/210	12 X 10	2.5	55/95	460/3#	265	TITUS	DESV
SDB-3A	AHU-1A	8"	800/240	12 X 10	3.0	55/95	460/3#	300	TITUS	DESV
SDB-4A	AHU-1A	10"	808/320	14 X 12	4.0	55/95	460/3#	400	TITUS	DESV
SDB-5A	AHU-1A	8"	900/200	12 X 10	2.5	55/95	460/3#	230	TITUS	DESV
SDB-6A	AHU-1A	10"	900/320	14 X 12	4.0	55/95	460/3#	400	TITUS	DESV
SDB-7A	AHU-1A	10"	1250/900	14 X 12	6.0	55/95	460/3#	625	TITUS	DESV
SDB-8A	AHU-1A	8"	400/190	12 X 8	2.5	55/95	460/3#	250	TITUS	DESV
SDB-9A	AHU-1A	10"	1100/440	14 X 12	5.0	55/95	460/3#	550	TITUS	DESV
SDB-10A	AHU-1A	8"	400/190	12 X 8	2.5	55/95	460/3#	250	TITUS	DESV
SDB-11A	AHU-1A	10"	1100/440	14 X 12	5.0	55/95	460/3#	550	TITUS	DESV
SDB-12A	AHU-1A	8"	750/300	12 X 10	3.0	55/95	460/3#	375	TITUS	DESV
SDB-13A	AHU-1A	8"	500/200	12 X 10	2.5	55/95	460/3#	250	TITUS	DESV
SDB-14A	AHU-1A	10"	1125/450	14 X 12	5.0	55/95	460/3#	560	TITUS	DESV
SDB-15A	AHU-1A	10"	1200/480	14 X 12	6.0	55/95	460/3#	600	TITUS	DESV
SDB-16A	AHU-1A	8"	750/300	12 X 10	3.0	55/95	460/3#	375	TITUS	DESV
SDB-17A	AHU-1A	10"	825/330	14 X 12	4.0	55/95	460/3#	410	TITUS	DESV
SDB-18A	AHU-1A	8"	500/200	12 X 10	2.5	55/95	460/3#	250	TITUS	DESV
SDB-19A	AHU-1A	8"	625/250	12 X 10	3.0	55/95	460/3#	315	TITUS	DESV
SDB-20A	AHU-1A	10"	850/340	14 X 12	4.0	55/95	460/3#	425	TITUS	DESV

NOTES:
1. UNITS ARE BASED ON 0.5" INLET STATIC PRESSURE.
2. UNIT CONTROLLERS SHALL BE PROVIDED BY CONTROLS CONTRACTOR AND FACTORY MOUNTED BOX MANUFACTURER.
3. UNIT VOLTAGE SHALL BE 277/1#.
4. UNIT SHALL BE PROVIDED WITH ODC CONTROLS TRANSFORMER.
5. VERIFY CONTROL BOX LOCATION (RIGHT/LEFT) WITH PLANS.
6. UNIT SHALL BE PROVIDED WITH MOUNTING BRACKETS.

"AHU-1B" SINGLE DUCT BOX SCHEDULE										
DESIGNATION	SERVING	INLET SIZE (INCHES)	AIRFLOW CFM (MAX/MIN)	OUTLET SIZE (INCHES)	ELECTRIC HEAT COIL DATA			MANUFACTURER	MODEL	
					MIN KW	EAT/LAT	VOLTAGE			
SDB-1B	AHU-1B	8"	300/120	12 X 8	N/A	-	460/3#	-	TITUS	DESV
SDB-2B	AHU-1B	8"	725/290	12 X 10	3.0	55/95	460/3#	360	TITUS	DESV
SDB-3B	AHU-1B	8"	700/280	12 X 10	3.0	55/95	460/3#	350	TITUS	DESV
SDB-4B	AHU-1B	10"	1075/430	14 X 12	5.0	55/95	460/3#	540	TITUS	DESV
SDB-5B	AHU-1B	8"	750/300	12 X 10	3.0	55/95	460/3#	375	TITUS	DESV
SDB-6B	AHU-1B	10"	1125/450	14 X 12	5.0	55/95	460/3#	565	TITUS	DESV
SDB-7B	AHU-1B	10"	800/320	14 X 12	4.0	55/95	460/3#	400	TITUS	DESV
SDB-8B	AHU-1B	12"	1275/510	16 X 15	6.0	70/95	460/3#	640	TITUS	DESV
SDB-9B	AHU-1B	8"	700/280	12 X 10	3.0	55/95	460/3#	330	TITUS	DESV
SDB-10B	AHU-1B	8"	575/230	12 X 10	2.5	55/95	460/3#	250	TITUS	DESV
SDB-11B	AHU-1B	10"	1075/430	14 X 12	5.0	55/95	460/3#	540	TITUS	DESV
SDB-12B	AHU-1B	8"	450/180	12 X 10	2.5	55/95	460/3#	250	TITUS	DESV
SDB-13B	AHU-1B	10"	1100/440	14 X 12	5.0	55/95	460/3#	530	TITUS	DESV
SDB-14B	AHU-1B	8"	750/300	12 X 10	3.0	55/95	460/3#	375	TITUS	DESV
SDB-15B	AHU-1B	10"	1200/480	14 X 12	6.0	55/95	460/3#	600	TITUS	DESV
SDB-16B	AHU-1B	8"	350/140	12 X 8	2.5	55/95	460/3#	250	TITUS	DESV
SDB-17B	AHU-1B	8"	475/190	12 X 10	2.5	55/95	460/3#	250	TITUS	DESV
SDB-18B	AHU-1B	8"	650/260	12 X 10	3.0	55/95	460/3#	315	TITUS	DESV

NOTES:
1. UNITS ARE BASED ON 0.5" INLET STATIC PRESSURE.
2. UNIT CONTROLLERS SHALL BE PROVIDED BY CONTROLS CONTRACTOR AND FACTORY MOUNTED BOX MANUFACTURER.
3. UNIT VOLTAGE SHALL BE 277/1#.
4. UNIT SHALL BE PROVIDED WITH ODC CONTROLS TRANSFORMER.
5. VERIFY CONTROL BOX LOCATION (RIGHT/LEFT) WITH PLANS.
6. UNIT SHALL BE PROVIDED WITH MOUNTING BRACKETS.

AHU SCHEDULE			
AR HANDLING UNIT DESIGNATION	AHU-1A	AHU-2A	AHU-1B
UNIT CONFIGURATION	HORIZONTAL	HORIZONTAL	HORIZONTAL
UNIT LOCATION	INDOOR	INDOOR	INDOOR
FAN SECTION			
SUPPLY CFM	8400	7125	14075
OUTSIDE AIR CFM	2400	1200	2600
EXTERNAL S.P. (%L.C.)	1.3	1.3	2.0
MOTOR HP	7.3	5.0	15
DRIVE TYPE	BELT	BELT	BELT
FAN TYPE	DWV AIRFOIL	DWV AIRFOIL	DWV AIRFOIL
COOLING COIL SECTION			
COIL TYPE	CHILLED WATER	CHILLED WATER	CHILLED WATER
TOTAL CAPACITY (MBH)	356.3	265.4	493.9
SENSIBLE CAPACITY (MBH)	252.6	202.7	381.6
ENTERING AIR (DB/DBT)	81/87	79/85	79/85
LEAVING AIR (DB/DBT)	54/53	53/52	54/53
ROWS (WPI/FPI) PER INCH (MAX)	6/12	6/8	6/10
GALLONS PER MINUTE	60	43	82
WATER PRESSURE DROP (HAT)	15	15	15
ENT/UNIT (°F)	44/56	44/56	44/56
FILTER SECTION			
FILTER TYPE	2"-30#	2"-30#	2"-30#
STATIC PRESSURE DROP (CLEAN)	0.25	0.25	0.25
STATIC PRESSURE DROP (FOR FAN SIZE)	0.50	0.55	0.55
OVERALL UNIT			
VOLTAGE/PHASE	460/3#	460/3#	460/3#
MAX FACE VELOCITY (FPM)	500	500	500
MANUFACTURER	MOQUAY	MOQUAY	MOQUAY
MODEL	CAH-017	CAH-017	CAH-030
UNIT WEIGHT (LBS)	2000	1000	2900
REMARKS	1,2,3,4	1,2,3,4	1,2,3,4

REMARKS:
1. VFD SHALL BE PROVIDED BY MECHANICAL CONTRACTOR AND WIRING BY ELECTRICAL CONTRACTOR (SEE VFD SCHEDULE).
2. REFER TO AHU CONFIGURATION DETAIL FOR UNIT COMPONENTS.
3. 3-WAY CONTROL VALVE APPLICATION.
4. PROVIDE STAINLESS STEEL COIL CASING AND DRAIN PAN.

VARIABLE FREQUENCY DRIVE SCHEDULE									
DESIGNATION	EQUIPMENT SERVED	EQUIPMENT TYPE	VFD LOCATION	HP	VOLTAGE	ENCLOSURE	MANUFACTURER	MODEL	
VFD-1A	AHU-1A	FAN	INDOOR	7.5	460/3#	NEMA-1	DANFOSS	MLT-6000	
VFD-2A	AHU-2A	FAN	INDOOR	5.0	460/3#	NEMA-1	DANFOSS	MLT-5000	
VFD-1B	AHU-1B	FAN	INDOOR	15	460/3#	NEMA-1	DANFOSS	MLT-6000	

NOTES:
1. PROVIDE WITH BY-PASS AND DISCONNECT.

AGA
DESIGN CONSULTING
Alcázar García Associates, Inc.
Design Consulting
1333 E. Inglewood Ave.
McAllen, Texas 78501
OFFICE: 956.618.2007
FAX: 956.618.3008
WWW.AGACDC.COM

1st AND 2nd FLOORS REMODEL
FORMER ADMINISTRATION BUILDING
HIDALGO COUNTY, TEXAS
CITY OF EDINBURG, TEXAS

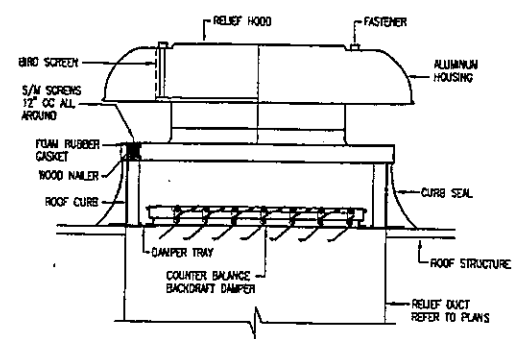
THE USE OF THESE DRAWINGS IS RESTRICTED TO THE ORIGINAL PURPOSE FOR WHICH THEY WERE INTENDED. REPRODUCTION WITHOUT WRITTEN PERMISSION FROM THE OWNER IS PROHIBITED.

PROJECT # 08072
ISSUED: 03/05/09
DRAWN BY:
CHECKED BY:
FILE NAME:
SHEET:

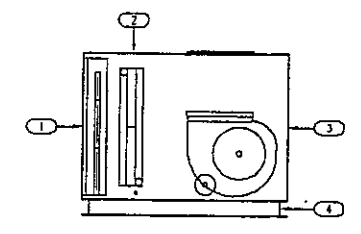
MEP SOLUTIONS
ENGINEERING
MECHANICAL, ELECTRICAL, PLUMBING ENGINEERS
601 E. BEAUMONT AVE. SUITE 2 HOUSTON TX 77001 (505) 844-2727

M-4

1st AND 2nd FLOORS REMODEL
FORMER ADMINISTRATION BUILDING
HIDALGO COUNTY, TEXAS
CITY OF EDINBURG, TEXAS

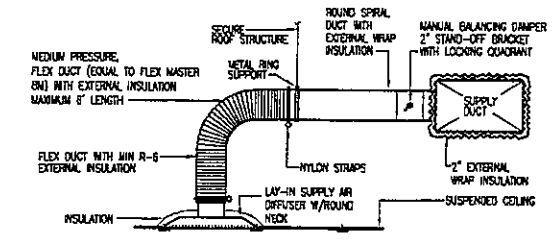


A RELIEF HOOD DETAIL
SCALE: NTS

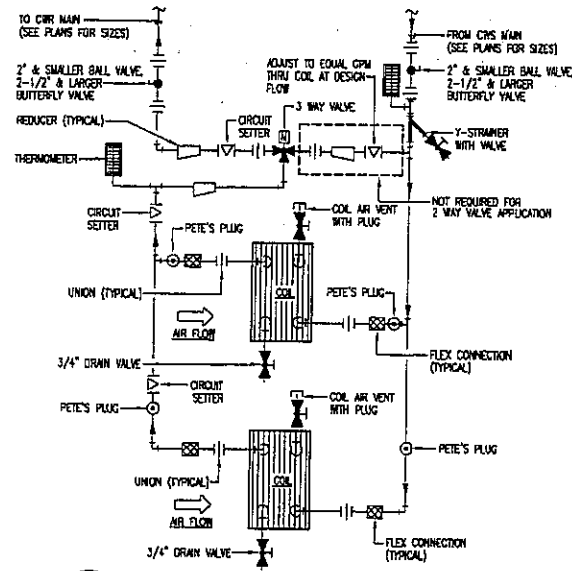


KEY NOTES:
1 FLAT FILTER SECTION WITH FILTER ACCESS PANEL (HINGED).
2 HORIZONTAL CONFIGURATION CHILLED WATER COIL SECTION WITH ACCESS PANEL (HINGED).
3 HORIZONTAL UPBLAST FAN SECTION WITH ACCESS PANEL (HINGED).
4 6\"/>

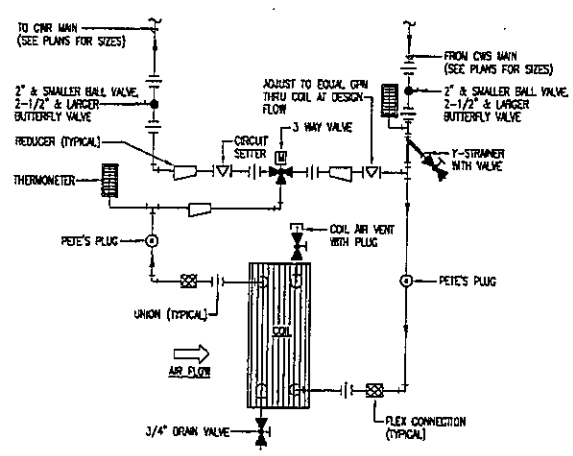
B AHU CONFIGURATION DETAIL
SCALE: NTS
(TYPICAL OF AHU-1A, AHU-2A, AHU-1E)



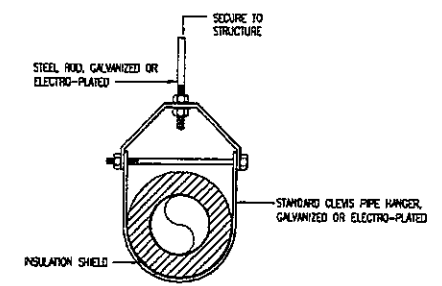
C SUPPLY AIR DIFFUSER
SCALE: NTS



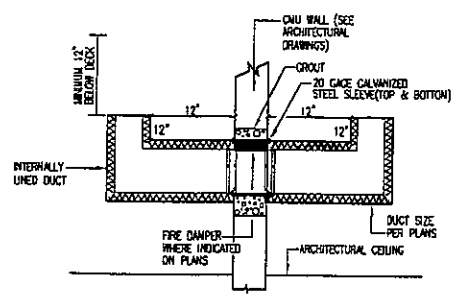
D CHILLED WATER DUAL COIL DETAIL
SCALE: NTS
3/2-WAY VALVE



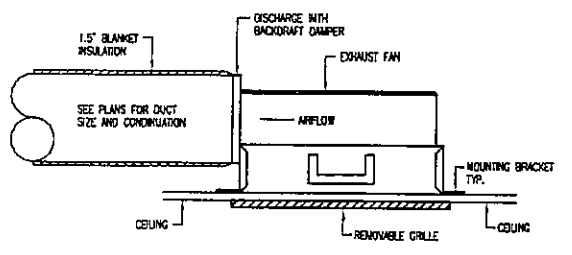
E CHILLED WATER COIL DETAIL
SCALE: NTS
3-WAY VALVE



F PIPE HANGER DETAIL
SCALE: NTS



G PLENUM CROSSOVER RETURN
SCALE: NTS

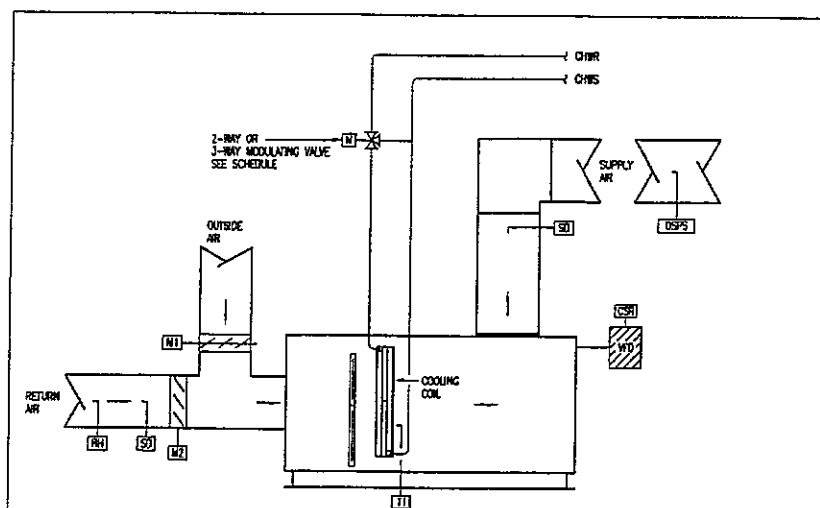


H CEILING MOUNTED EXHAUST FAN
SCALE: NTS

THE USE OF THESE DRAWINGS IS RESTRICTED TO THE ORIGINAL PURPOSE FOR WHICH THEY WERE INTENDED. REPRODUCTION WITHOUT WRITTEN PERMISSION FROM THE OWNER IS PROHIBITED.

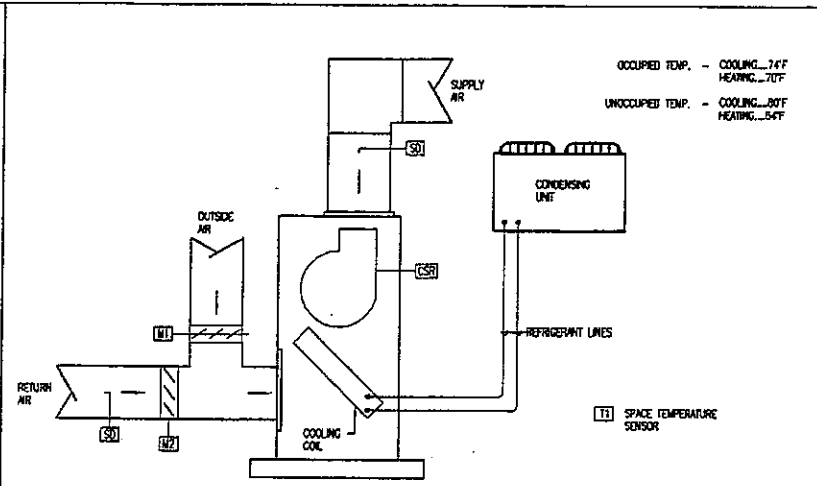
PROJECT # 08072
ISSUED: 03/05/09
DRAWN BY:
CHECKED BY:
FILE NAME:
SHEET:

1st AND 2nd FLOORS REMODEL
FORMER ADMINISTRATION BUILDING
HIDALGO COUNTY, TEXAS
CITY OF EDINBURG, TEXAS



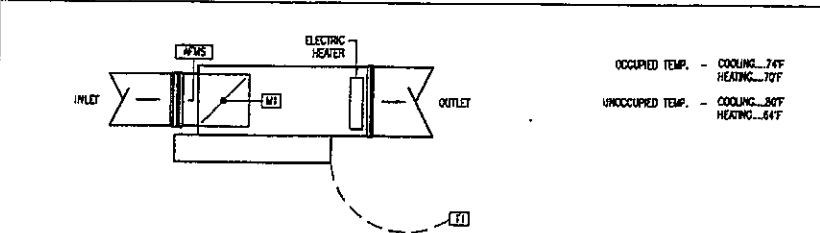
A AIR HANDLING UNIT CONTROL DIAGRAM
SCALE: NTS TYPICAL OF: AHU-1A, AHU-2A, AHU-1B

- START/STOP CONTROL** - THE EMS (ENERGY MANAGEMENT SYSTEM) SHALL INITIATE START/STOP CONTROL OF THE SYSTEM BY PROGRAMMED SCHEDULE, TIMED OVERRIDE, OR OPERATOR OVERRIDE.
- FAN CONTROL** - THE EMS SHALL MONITOR THE FAN STATUS VIA A CURRENT SENSING RELAY. ONCE THE EMS RECEIVES THE ON STATUS FOR THE SUPPLY FAN, THE DUCT STATIC PRESSURE SENSOR SHALL SIGNAL THE VFD TO INCREASE OR DECREASE FAN SPEED AS REQUIRED TO MAINTAIN PREDETERMINED STATIC PRESSURE SET POINT. VFD SHALL STARTUP AT 40% DESIGN AIR FLOW (MINIMUM FAN SPEED SETPOINT).
- TEMPERATURE CONTROL** - THE COOLING COIL TEMPERATURE SENSOR "T1" SHALL MODULATE THE COOLING COIL VALVE TO MAINTAIN 54°F LEAVING AIR TEMPERATURE. ONCE THE EMS DETERMINES THE VFD HAS REDUCED TO LOWER THAN 50% DESIGN AIR FLOW AND ALL TEMPERATURE SENSORS SERVING OCCUPIED SPACES ARE SATISFIED, SUPPLY AIR TEMPERATURE SHALL INCREASE BY 2-DEGREE INCREMENTS AS REQUIRED TO MAINTAIN SPACE TEMPERATURE. ONCE THE EMS DETERMINES THE VFD HAS INCREASED TO HIGHER THAN 70% DESIGN AIR FLOW OR A TEMPERATURE SENSOR SERVING AN OCCUPIED SPACE IS NOT SATISFIED, SUPPLY AIR TEMPERATURE SHALL DECREASE BY 2-DEGREE INCREMENTS AS REQUIRED TO MAINTAIN SPACE TEMPERATURE.
- HUMIDITY CONTROL** - HUMIDITY CONTROL SHALL COMMENCE UPON DETECTION OF 60% RETURN AIR RELATIVE HUMIDITY. THE HUMIDITY CONTROL SEQUENCE SHALL OVERRIDE SUPPLY AIR TEMPERATURE SETPOINT AND OPEN THE RETURN AIR COOLING COIL VALVE FULL OPEN. UNDER THESE CONDITIONS, THE ELECTRIC HEAT FROM TERMINAL UNITS SHALL BE USED TO MAINTAIN SPACE TEMPERATURE SETPOINT. HUMIDITY CONTROL SHALL CONTINUE UNTIL RETURN AIR RELATIVE HUMIDITY IS 50%.
- UNOCCUPIED CONTROL** - DURING UNOCCUPIED PERIOD, OUTSIDE AIR DAMPER SHALL BE IN CLOSED POSITION AND RETURN AIR DAMPER SHALL BE FULLY OPEN.
- SHUTDOWN CONTROL** - AHU MOTOR SHALL BE SHUT-OFF UPON DETECTION OF SMOKE BY ANY DUCT MOUNTED SMOKE DETECTOR. DETECTION OF AIR BELOW SET BY FREEZE STAT SHALL SIGNAL OUTSIDE AIR DAMPER TO CLOSE AND AHU MOTOR TO SHUT-OFF.



B AIR HANDLING UNIT CONTROL DIAGRAM
SCALE: NTS TYPICAL OF: HEAT PUMPS (1)

- START/STOP CONTROL** - THE EMS (ENERGY MANAGEMENT SYSTEM) SHALL INITIATE START/STOP CONTROL OF THE SYSTEM BY PROGRAMMED SCHEDULE, TIMED OVERRIDE, OR OPERATOR OVERRIDE.
- FAN CONTROL** - THE EMS SHALL MONITOR THE FAN STATUS VIA A CURRENT SENSING RELAY. ONCE THE EMS RECEIVES THE ON STATUS FOR THE SUPPLY FAN, THE FAN MOTOR SHALL BE ENERGIZED.
- TEMPERATURE CONTROL** - THE SPACE TEMPERATURE SENSOR "T1" SHALL CONTROL ROOM TEMPERATURE AND SHALL BE LOCALLY ADJUSTABLE FOR (+/-) 2°F FROM PROGRAMMED SETPOINT. TEMPERATURE SENSOR SHALL HAVE AFTER HOURS OVERRIDE TO ENABLE COOLING/HEATING SYSTEM. THE SPACE TEMPERATURE SENSOR "T1" SHALL MONITOR ROOM AIR TEMPERATURE TO DETERMINE REQUIRED CONDITIONING OF AIR. WHEN HEATING IS REQUIRED, THE ELECTRIC HEAT PUMP VALVE SHALL BE ENERGIZED AS REQUIRED TO MAINTAIN PROGRAMMED TEMPERATURE. WHEN COOLING IS REQUIRED, THE COMPRESSOR(S) SHALL BE ENERGIZED IN STAGES TO MAINTAIN THE REQUIRED SPACE TEMPERATURE.
- UNOCCUPIED CONTROL** - DURING UNOCCUPIED PERIOD, OUTSIDE AIR DAMPER SHALL BE IN CLOSED POSITION AND RETURN AIR DAMPER SHALL BE FULLY OPEN.
- SHUTDOWN CONTROL** - AHU MOTOR SHALL BE SHUT-OFF UPON DETECTION OF SMOKE BY ANY DUCT MOUNTED SMOKE DETECTOR. DETECTION OF AIR BELOW SET BY FREEZE STAT SHALL SIGNAL OUTSIDE AIR DAMPER TO CLOSE AND AHU MOTOR TO SHUT-OFF.



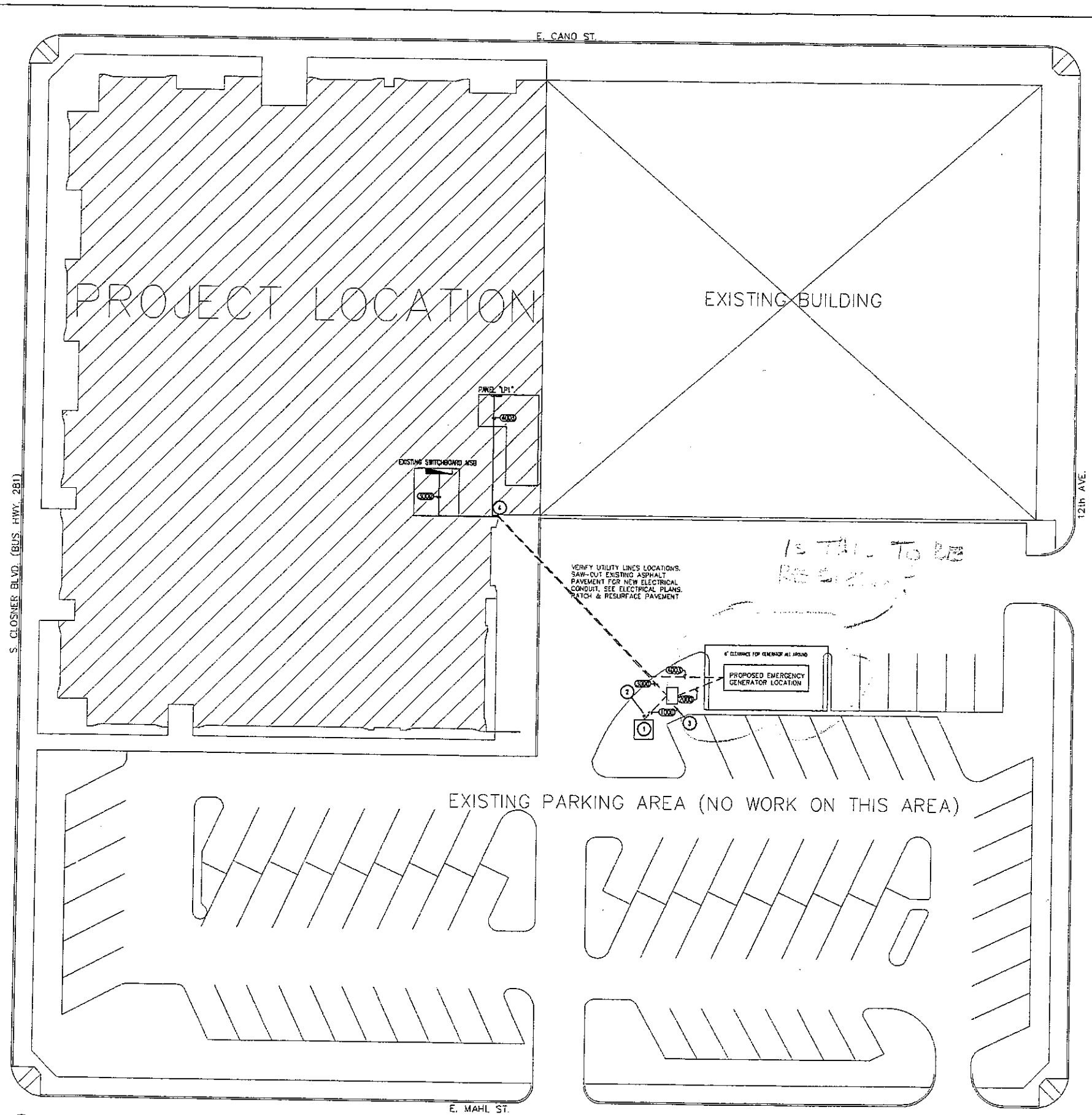
C SINGLE DUCT BOX CONTROL DIAGRAM
SCALE: NTS TYPICAL OF ALL SINGLE DUCT BOXES

- START/STOP CONTROL** - THE EMS (ENERGY MANAGEMENT SYSTEM) SHALL INITIATE START/STOP CONTROL OF THE SYSTEM BY PROGRAMMED SCHEDULE, TIMED OVERRIDE, OR OPERATOR OVERRIDE.
- TEMPERATURE CONTROL** - THE SPACE TEMPERATURE SENSOR "T1" SHALL CONTROL ROOM TEMPERATURE AND SHALL BE LOCALLY ADJUSTABLE FOR (+/-) 2°F FROM PROGRAMMED SETPOINT. TEMPERATURE SENSOR SHALL HAVE AFTER HOURS OVERRIDE TO ENABLE COOLING/HEATING SYSTEM. THE SPACE TEMPERATURE SENSOR "T1" SHALL MONITOR ROOM AIR TEMPERATURE TO DETERMINE REQUIRED CONDITIONING OF AIR. WHEN HEATING IS REQUIRED, THE ELECTRIC HEATER SHALL BE ENABLED TO MAINTAIN PROGRAMMED TEMPERATURE. WHEN COOLING IS REQUIRED, THE TERMINAL UNIT DAMPER "T1" SHALL MODULATE TO MAINTAIN THE REQUIRED SPACE TEMPERATURE. DURING HUMIDITY CONTROL, TERMINAL UNIT DAMPER "T1" SHALL MODULATE TO SCHEDULED CFM AND ELECTRIC HEATER SHALL BE ENABLED TO MAINTAIN PROGRAMMED TEMPERATURE.

CONTROL DRAWING SYMBOL LEGEND			
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
[ANIS]	AIRFLOW MONITORING STATION	[M]-[X]	MOTORIZED 3-WAY VALVE
[CO2]	CARBON DIOXIDE SENSOR	[RH]	RELATIVE HUMIDITY SENSOR
[CSR]	CURRENT SENSING RELAY	[SD]	SMOKE DETECTOR
[DPS]	DUCT STATIC PRESSURE SENSOR	[T1] - [T6]	TEMPERATURE SENSOR
[M] - [M2]	MOTORIZED ACTUATOR	[VFD]	VARIABLE FREQUENCY DRIVE
[M]-[X]	MOTORIZED 2-WAY VALVE	[—]	AIRFLOW DIRECTION

THE USE OF THESE DRAWINGS IS RESTRICTED TO THE ORIGINAL PURPOSE FOR WHICH THEY WERE INTENDED. REPRODUCTION WITHOUT WRITTEN PERMISSION FROM THE OWNER IS PROHIBITED.

PROJECT # 08072
ISSUED: 03/05/09
DRAWN BY:
CHECKED BY:
FILE NAME:
SHEET:



GENERAL NOTES:

1. INFORMATION ON THIS PLAN HAS BEEN OBTAINED FROM SITE SURVEY. CONTRACTOR SHALL VERIFY EXISTING CONDITIONS AND BECOME FULLY INFORMED AS TO THE EXTENT OF WORK PRIOR TO BIDDING OR COMMENCING WORK. ANY DISCREPANCIES BETWEEN EXISTING CONDITIONS AND CONSTRUCTION DOCUMENTS SHALL BE REPORTED IMMEDIATELY TO THE ENGINEER AND/OR ARCHITECT.

KEY NOTES:

- ① EXISTING UTILITY COMPANY TRANSFORMER.
- ② EXISTING METER.
- ③ AUTOMATIC TRANSFER SWITCH.
- ④ CONDUITS SHALL RISE AND LB INTO BUILDING ABOVE ACCESSIBLE CEILING.



Atócer Garcia Associates, Inc.
 Design Consulting
 1333 E. Jaramila Ave.
 McAllen, Texas 78501
 Office: 956.618.2007
 Fax: 956.618.2008
 Web: WWW.AGADC.COM

1st AND 2nd FLOORS REMODEL
 FORMER ADMINISTRATION BUILDING
 HIDALGO COUNTY, TEXAS
 CITY OF EDINBURG, TEXAS

THE USE OF THESE DRAWINGS IS RESTRICTED TO THE ORIGINAL PURPOSE FOR WHICH THEY WERE INTENDED. REPRODUCTION WITHOUT WRITTEN PERMISSION FROM THE OWNER IS PROHIBITED.

PROJECT # 08072
 ISSUED: 03/05/09
 DRAWN BY:
 CHECKED BY:
 FILE NAME:
 SHEET:

M.E.P. SITE PLAN
 SCALE: 1/16" = 1'-0"

MEP SOLUTIONS
 ENGINEERING
 MECHANICAL, ELECTRICAL, PLUMBING ENGINEERS
 600 E. BEAUMONT AVE. SUITE 200 ALLEN, TX 75010 (956) 694-2727

MEP-1

**1st AND 2nd FLOORS REMODEL
FORMER ADMINISTRATION BUILDING
HIDALGO COUNTY, TEXAS
CITY OF EDINBURG, TEXAS**

THE USE OF THESE DRAWINGS IS RESTRICTED TO THE ORIGINAL PURPOSE FOR WHICH THEY WERE INTENDED. REPRODUCTION WITHOUT WRITTEN PERMISSION FROM THE OWNER IS PROHIBITED.

PROJECT # 08072
ISSUED: 03/05/09
DRAWN BY:
CHECKED BY:
FILE NAME:
SHEET:

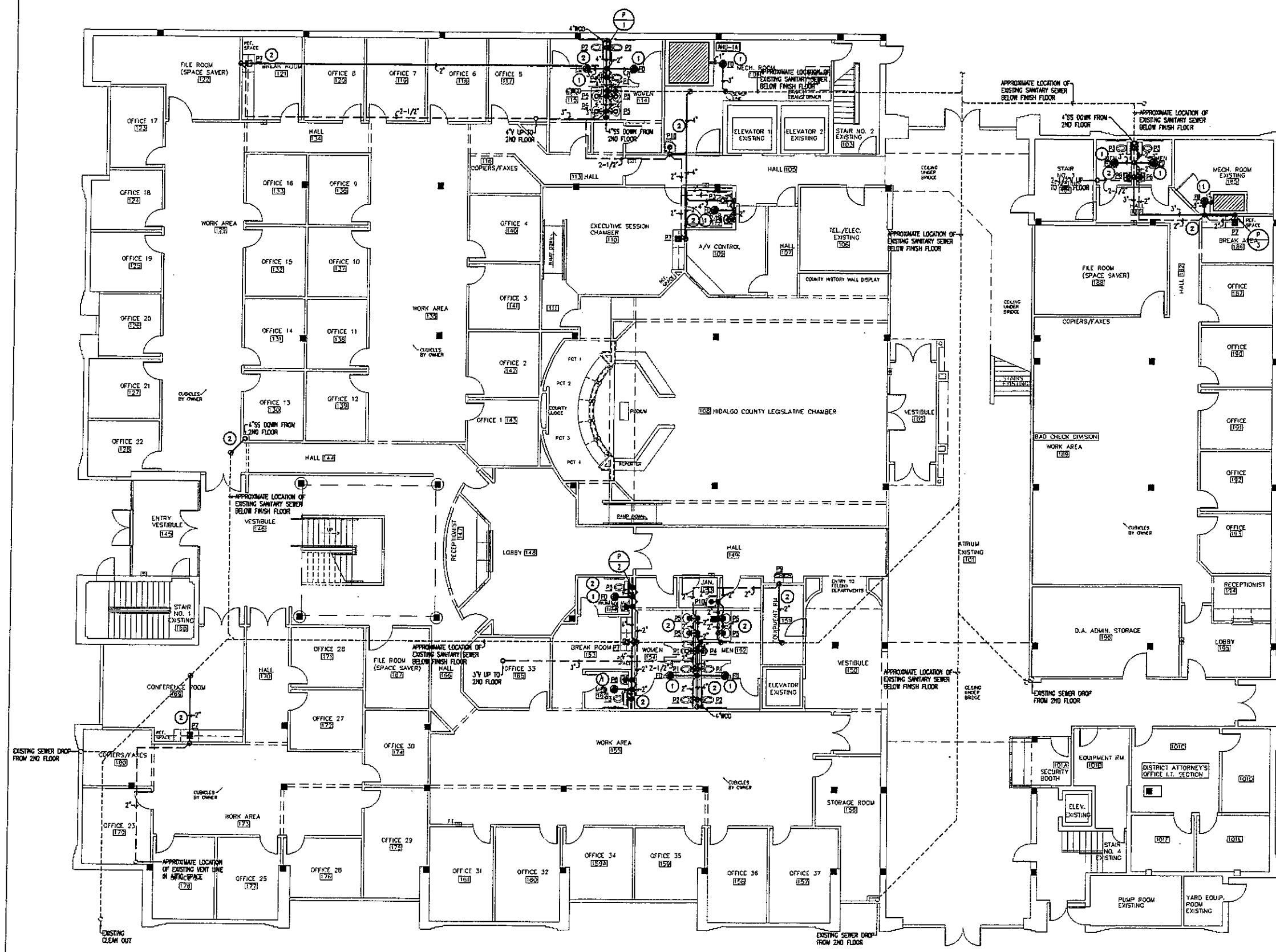
GENERAL NOTES: ()

- (A) INFORMATION ON THIS PLAN HAS BEEN OBTAINED FROM EXISTING DRAWINGS AND SITE SURVEY. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS PRIOR TO COMMENCING WORK. ANY DISCREPANCIES BETWEEN EXISTING CONDITIONS AND CONSTRUCTION DOCUMENTS SHALL BE REPORTED TO THE ENGINEER.
- (B) ALL FLOOR DRAINS SHALL BE PROVIDED WITH TRAP PRIMER CONNECTION.
- (C) PLUMBING CONTRACTOR SHALL ADHERE TO ALL CITY CODES, STATE CODES AND LOCAL CODES THAT HAVE AUTHORITY OVER THIS PROJECT.
- (D) PLUMBING CONTRACTOR SHALL EXTEND ALL CONDENSATE AND INDIRECT DRAINS FROM EQUIPMENT TO FLOOR DRAINS.
- (E) PLUMBING CONTRACTOR SHALL TERMINATE ALL WATER ROUGH-IN WITH SHUT-OFF VALVES BEFORE CONNECTING TO EQUIPMENT AND RELATED FUTURES.
- (F) PLUMBING CONTRACTOR TO COORDINATE WITH MECHANICAL CONTRACTOR FOR ANY INSTALLATION OF PIPING AND DUCTWORK PRIOR TO BEGINNING OF CONSTRUCTION.
- (G) INSULATE 7" TRAPS AND SUPPLIES AT HANDICAP LAVATORIES WITH INSULATION KIT.
- (H) PROVIDE VACUUM BREAKER TO ALL FIXTURES WITH HOSE CONNECTION AND APPLIANCES WITH DIRECT CONNECTIONS TO DOMESTIC WATER.
- (I) REFER TO ARCHITECT'S DRAWINGS FOR MOUNTING HEIGHTS OF ALL PLUMBING FIXTURES.
- (J) PROVIDE CEILING ACCESS PANEL FOR WATER HAMMER ARRESTORS AND WATER ISOLATION VALVES. IN OTHERWISE INACCESSIBLE AREAS, PROVIDE LOCKABLE HINGED ACCESS PANELS IN PUBLIC AREAS. PAINT PANELS TO MATCH SURROUNDING SURFACE.

KEY NOTES: O

- 1 ALL FLOOR DRAINS SHALL BE PRIMED FROM NEAREST LAVATORY OR SINK. PATCH UP THE PIECE (REFER TO DETAIL 03/P-5). ROUTE PRIMER LINES IN SLOPE TRENCH.
- 2 CORE DRILL AND/OR SAW-CUT FINISH FLOOR WALL AS REQUIRED TO PROVIDE NEW ROUGH-IN FOR PLUMBING FIXTURES. PATCH AND REPAIR AS PER ARCHITECTURAL PLANS.

PLUMBING CONTRACTOR SHALL COORDINATE DOMESTIC WATER AND SANITARY SEWER LINE DIRECTION OF FLOW, SIZE, INVERT, AND POINT OF CONNECTION WITH EXISTING CONDITIONS PRIOR TO INSTALLATION OF ROUGH-IN TO AVOID CONFLICT. ANY DISCREPANCIES FOUND BY THE PLUMBING CONTRACTOR SHALL BE REPORTED TO THE ENGINEER/ARCHITECT IMMEDIATELY AND PRIOR TO ANY INSTALLATION. FAILURE TO COMPLY SHALL MAKE ALL CORRECTIONS AND/OR MODIFICATIONS THE FULL RESPONSIBILITY OF THE CONTRACTOR.



FIRST FLOOR: PLUMBING SANITARY SEWER IMPROVEMENT PLAN
SCALE: 1/8" = 1'-0"

**1st AND 2nd FLOORS REMODEL
FORMER ADMINISTRATION BUILDING
HIDALGO COUNTY, TEXAS
CITY OF EDINBURG, TEXAS**

THE USE OF THESE DRAWINGS IS RESTRICTED TO THE ORIGINAL PURPOSE FOR WHICH THEY WERE INTENDED. REPRODUCTION WITHOUT WRITTEN PERMISSION FROM THE OWNER IS PROHIBITED.

PROJECT # 08072
ISSUED: 03/05/09
DRAWN BY:
CHECKED BY:
FILE NAME:
SHEET:

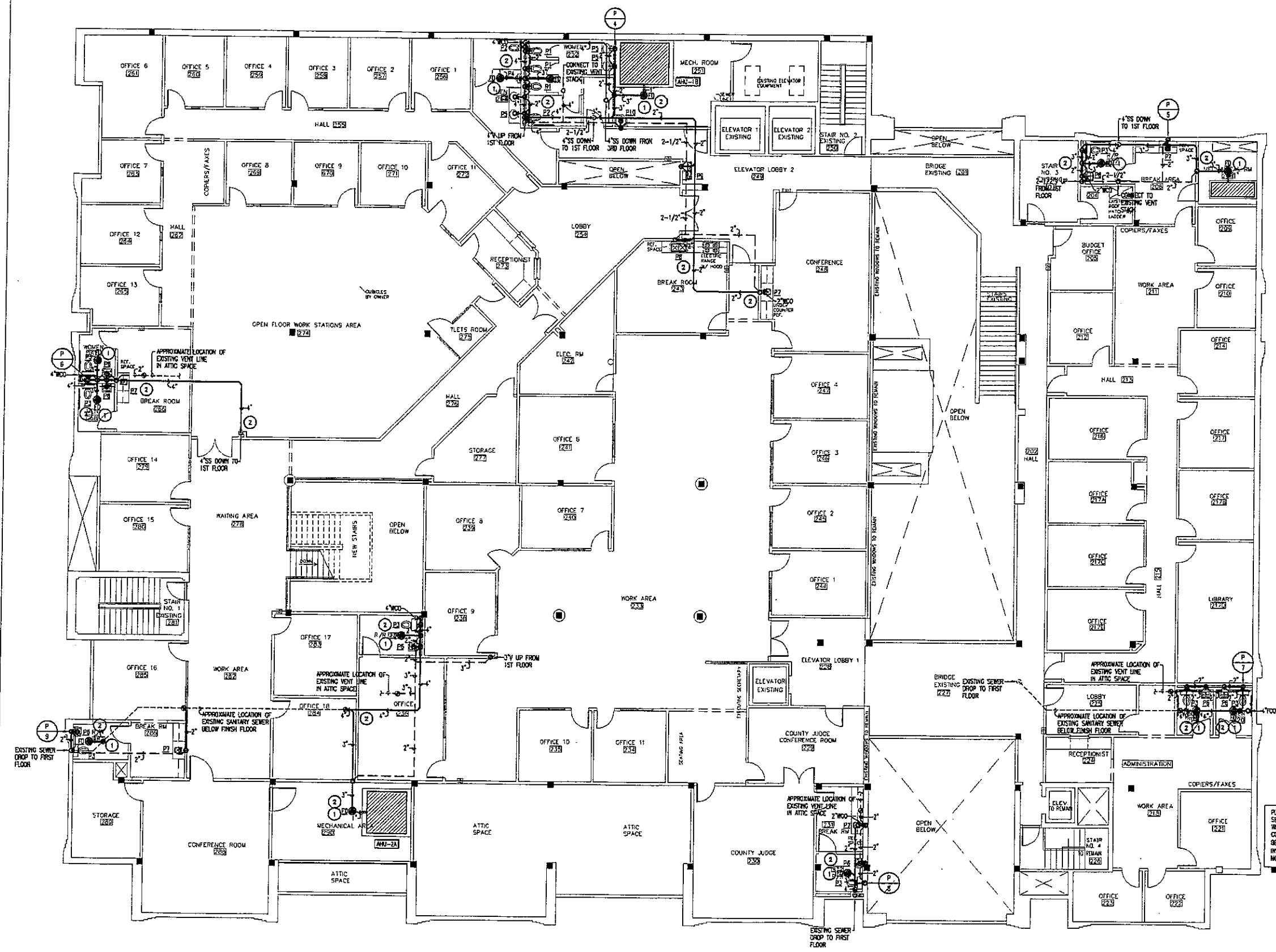
GENERAL NOTES: ()

- (A) INFORMATION ON THIS PLAN HAS BEEN OBTAINED FROM EXISTING DRAWINGS AND SITE SURVEY. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS PRIOR TO COMMENCING WORK. ANY DISCREPANCIES BETWEEN EXISTING CONDITIONS AND CONSTRUCTION DOCUMENTS SHALL BE REPORTED TO THE ENGINEER.
- (B) ALL FLOOR DRAINS SHALL BE PROVIDED WITH TRAP PRIMER CONNECTION.
- (C) PLUMBING CONTRACTOR SHALL ADHERE TO ALL CITY CODES, STATE CODES AND LOCAL CODES THAT HAVE AUTHORITY OVER THIS PROJECT.
- (D) PLUMBING CONTRACTOR SHALL EXTEND ALL CONDENSATE AND INDIRECT DRAINS FROM EQUIPMENT TO FLOOR DRAINS.
- (E) PLUMBING CONTRACTOR SHALL TERMINATE ALL WATER ROUGH-IN WITH SHUT-OFF VALVES BEFORE CONNECTING TO EQUIPMENT AND RELATED FIXTURES.
- (F) PLUMBING CONTRACTOR TO COORDINATE WITH MECHANICAL CONTRACTOR FOR ANY INSTALLATION OF PIPING AND DUCTWORK PRIOR TO BEGINNING OF CONSTRUCTION.
- (G) INSULATE 7" TRAPS AND SUPPLIES AT HANDICAP LAVATORIES WITH INSULATION KIT.
- (H) PROVIDE VACUUM BREAKER TO ALL FIXTURES WITH HOSE CONNECTION AND APPLIANCES WITH DIRECT CONNECTIONS TO DOMESTIC WATER.
- (I) REFER TO ARCHITECT'S DRAWINGS FOR MOUNTING HEIGHTS OF ALL PLUMBING FIXTURES.
- (J) PROVIDE CEILING ACCESS PANEL FOR WATER HAMMER ARRESTORS AND WATER ISOLATION VALVES. IN OTHERWISE INACCESSIBLE AREAS, PROVIDE LOCKABLE Hinged ACCESS PANELS IN PUBLIC AREAS. PAINT PANELS TO MATCH SURROUNDING SURFACE.

KEY NOTES: O

- 1 ALL FLOOR DRAINS SHALL BE PRIMED FROM NEAREST LAVATORY OR SINK P-TRAP TAIL PIECE (REFER TO DETAIL 03/P-5).
- 2 CORE DRILL AND/OR SAW-CUT FINISH FLOOR WALL AS REQUIRED TO PROVIDE NEW ROUGH-IN FOR PLUMBING FIXTURES. PATCH AND REPAIR AS PER ARCHITECTURAL PLANS.

PLUMBING CONTRACTOR SHALL COORDINATE DOMESTIC WATER AND SANITARY SEWER LINE DIRECTION OF FLOW, SIZE, HANGUP, AND POINT OF CONNECTION WITH EXISTING CONDITIONS PRIOR TO INSTALLATION OF ROUGH-IN TO AVOID CONFLICT. ANY DISCREPANCIES FOUND BY THE PLUMBING CONTRACTOR SHALL BE REPORTED TO THE ENGINEER/ARCHITECT IMMEDIATELY AND PRIOR TO ANY INSTALLATION. FAILURE TO COMPLY SHALL MAKE ALL CORRECTIONS AND/OR MODIFICATIONS THE FULL RESPONSIBILITY OF THE CONTRACTOR.



SECOND FLOOR: PLUMBING SANITARY SEWER IMPROVEMENT PLAN
SCALE: 1/8" = 1'-0"

**1st AND 2nd FLOORS REMODEL
FORMER ADMINISTRATION BUILDING
HIDALGO COUNTY, TEXAS
CITY OF EDINBURG, TEXAS**

THE USE OF THESE DRAWINGS IS RESTRICTED TO THE ORIGINAL PURPOSE FOR WHICH THEY WERE INTENDED. REPRODUCTION WITHOUT WRITTEN PERMISSION FROM THE OWNER IS PROHIBITED.

PROJECT # 08072
ISSUED: 03/05/09
DRAWN BY:
CHECKED BY:
FILE NAME:
SHEET:

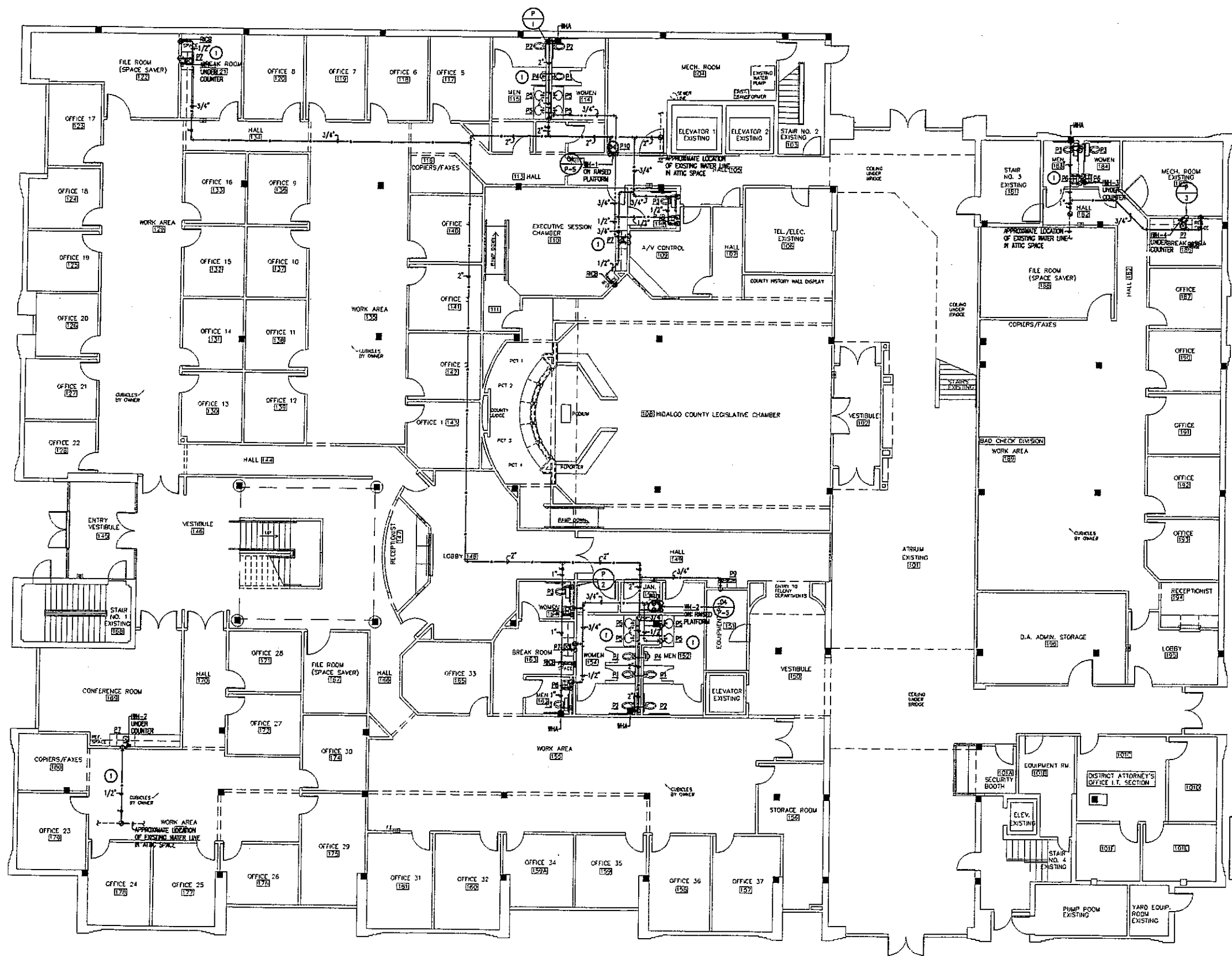
GENERAL NOTES: ()

- (A) INFORMATION ON THIS PLAN HAS BEEN OBTAINED FROM EXISTING DRAWINGS AND SITE SURVEY. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS PRIOR TO COMMENCING WORK. ANY DISCREPANCIES BETWEEN EXISTING CONDITIONS AND CONSTRUCTION DOCUMENTS SHALL BE REPORTED TO THE ENGINEER.
- (B) ALL FLOOR DRAINS SHALL BE PROVIDED WITH TRAP PRIMER CONNECTION.
- (C) PLUMBING CONTRACTOR SHALL ADHERE TO ALL CITY CODES, STATE CODES AND LOCAL CODES THAT HAVE AUTHORITY OVER THIS PROJECT.
- (D) PLUMBING CONTRACTOR SHALL EXTEND ALL CONDENSATE AND INDIRECT DRAINS FROM EQUIPMENT TO FLOOR DRAINS.
- (E) PLUMBING CONTRACTOR SHALL TERMINATE ALL WATER ROUGH-IN WITH SHUT-OFF VALVES BEFORE CONNECTING TO EQUIPMENT AND RELATED FIXTURES.
- (F) PLUMBING CONTRACTOR TO COORDINATE WITH MECHANICAL CONTRACTOR FOR ANY INSTALLATION OF PIPING AND DUCTWORK PRIOR TO BEGINNING OF CONSTRUCTION.
- (G) INSULATE "P" TRAPS AND SUPPLIES AT HANDICAP LAVATOIRES WITH INSULATION KIT.
- (H) PROVIDE VACUUM BREAKER TO ALL FIXTURES WITH HOSE CONNECTION AND APPLIANCES WITH DIRECT CONNECTIONS TO DOMESTIC WATER.
- (I) REFER TO ARCHITECT'S DRAWINGS FOR MOUNTING HEIGHTS OF ALL PLUMBING FIXTURES.
- (J) PROVIDE CEILING ACCESS PANEL FOR WATER HAMMER ARRESTORS AND WATER ISOLATION VALVES, IN OTHERWISE INACCESSIBLE AREAS. PROVIDE LOCKABLE HINGED ACCESS PANELS IN PUBLIC AREAS. PAINT PANELS TO MATCH SURROUNDING SURFACE.

KEY NOTES: ○

- CORE DRILL AND/OR SAW-CUT FRESH FLOOR WALL AS REQUIRED TO PROVIDE NEW ROUGH-IN FOR PLUMBING FIXTURES. PATCH AND REPAIR AS PER ARCHITECTURAL PLANS.

PLUMBING CONTRACTOR SHALL COORDINATE DOMESTIC WATER AND SANITARY SEWER LINE DIRECTION OF FLOW, SIZE, INVERT, AND POINT OF CONNECTION WITH EXISTING CONDITIONS PRIOR TO INSTALLATION OF ROUGH-IN TO AVOID CONFLICT. ANY DISCREPANCIES FOUND BY THE PLUMBING CONTRACTOR SHALL BE REPORTED TO THE ENGINEER/ARCHITECT IMMEDIATELY AND PRIOR TO ANY INSTALLATION. FAILURE TO COMPLY SHALL HAVE ALL CORRECTIONS AND/OR MODIFICATIONS THE FULL RESPONSIBILITY OF THE CONTRACTOR.



FIRST FLOOR: PLUMBING DOMESTIC WATER IMPROVEMENT PLAN
SCALE: 1/8" = 1'-0"

1st and 2nd FLOORS REMODEL
FORMER ADMINISTRATION BUILDING
HIDALGO COUNTY, TEXAS
CITY OF EDINBURG, TEXAS

THE USE OF THESE DRAWINGS IS RESTRICTED TO THE ORIGINAL PURPOSE FOR WHICH THEY WERE INTENDED. REPRODUCTION WITHOUT WRITTEN PERMISSION FROM THE OWNER IS PROHIBITED.

PROJECT # 08072
ISSUED: 03/05/09
DRAWN BY:
CHECKED BY:
FILE NAME:
SHEET:

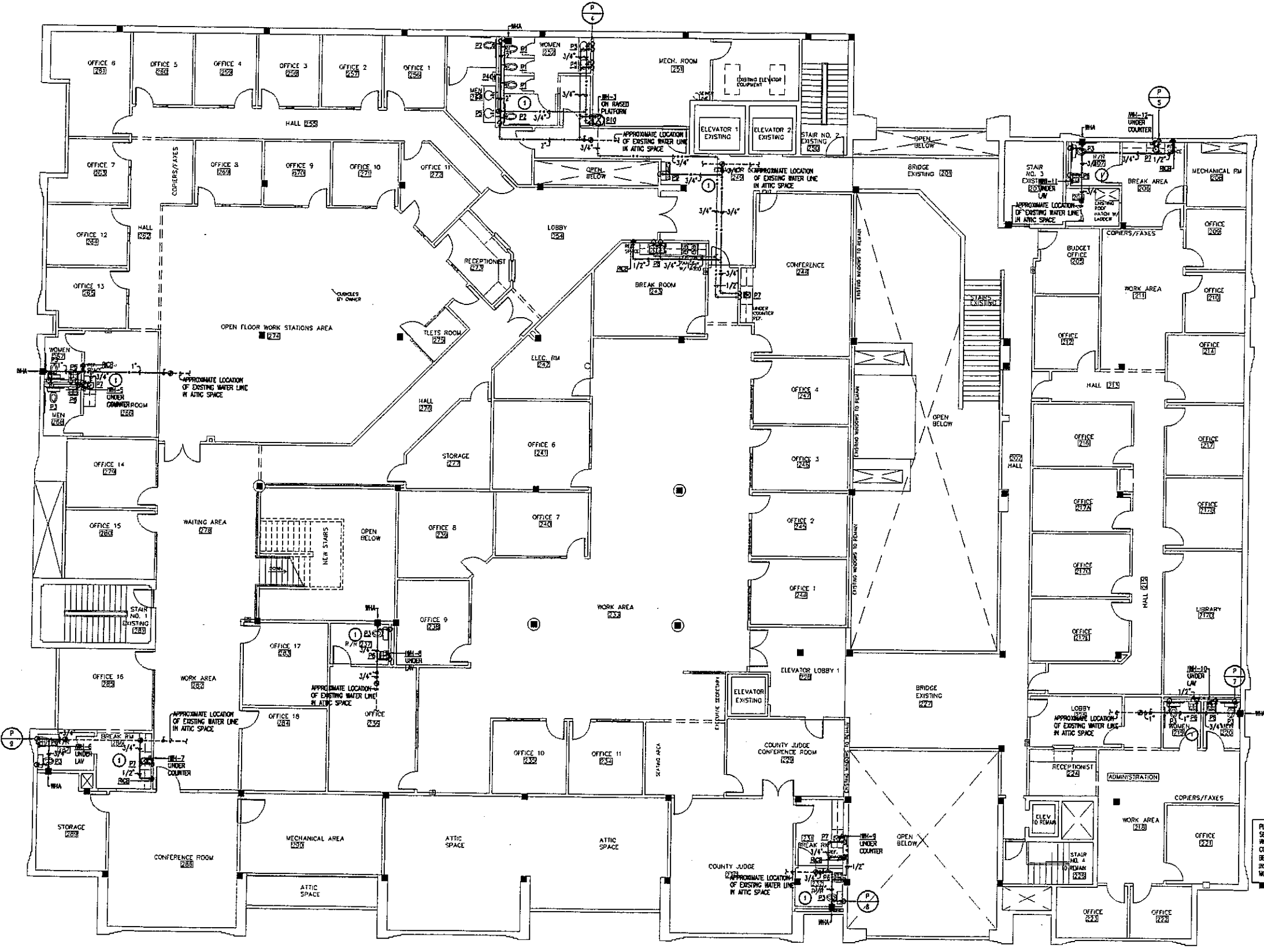
GENERAL NOTES: ()

- (A) INFORMATION ON THIS PLAN HAS BEEN OBTAINED FROM EXISTING DRAWINGS AND SITE SURVEY. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS PRIOR TO COMMENCING WORK. ANY DISCREPANCIES BETWEEN EXISTING CONDITIONS AND CONSTRUCTION DOCUMENTS SHALL BE REPORTED TO THE ENGINEER.
- (B) ALL FLOOR DRAINS SHALL BE PROVIDED WITH TRAP PRIMER CONNECTION.
- (C) PLUMBING CONTRACTOR SHALL ADHERE TO ALL CITY CODES, STATE CODES AND LOCAL CODES THAT HAVE AUTHORITY OVER THIS PROJECT.
- (D) PLUMBING CONTRACTOR SHALL EXTEND ALL CONDENSATE AND INDIRECT DRAINS FROM EQUIPMENT TO FLOOR DRAINS.
- (E) PLUMBING CONTRACTOR SHALL TERMINATE ALL WATER ROUGH-IN WITH SHUT-OFF VALVES BEFORE CONNECTING TO EQUIPMENT AND RELATED FIXTURES.
- (F) PLUMBING CONTRACTOR TO COORDINATE WITH MECHANICAL CONTRACTOR FOR ANY INSTALLATION OF PIPING AND DUCTWORK PRIOR TO BEGINNING OF CONSTRUCTION.
- (G) INSULATE 1" TRAPS AND SUPPLIES AT HANDICAP LAVATOIRES WITH INSULATION XSI.
- (H) PROVIDE VACUUM BREAKER TO ALL FIXTURES WITH HOSE CONNECTION AND APPLIANCES WITH DIRECT CONNECTIONS TO DOMESTIC WATER.
- (I) REFER TO ARCHITECT'S DRAWINGS FOR MOUNTING HEIGHTS OF ALL PLUMBING FIXTURES.
- (J) PROVIDE CEILING ACCESS PANEL FOR WATER HAMMER ARRESTORS AND WATER ISOLATION VALVES, IN OTHERWISE INACCESSIBLE AREAS. PROVIDE LOCKABLE HINGED ACCESS PANELS IN PUBLIC AREAS. PAINT PANELS TO MATCH SURROUNDING SURFACE.

KEY NOTES: O

- O CORE DRILL AND/OR SAW-CUT FINISH FLOOR SHALL AS REQUIRED TO PROVIDE NEW ROUGH-IN FOR PLUMBING FIXTURES. PATCH AND REPAIR AS PER ARCHITECTURAL PLANS.

PLUMBING CONTRACTOR SHALL COORDINATE DOMESTIC WATER AND SANITARY SEWER LINE DIRECTION OF FLOW, SIZE, INVERT, AND POINT OF CONNECTION WITH EXISTING CONDITIONS PRIOR TO INSTALLATION OF ROUGH-IN TO AVOID CONFLICT. ANY DISCREPANCIES FOUND BY THE PLUMBING CONTRACTOR SHALL BE REPORTED TO THE ENGINEER/ARCHITECT IMMEDIATELY AND PRIOR TO ANY INSTALLATION. FAILURE TO COMPLY SHALL MAKE ALL CORRECTIONS AND/OR MODIFICATIONS THE FULL RESPONSIBILITY OF THE CONTRACTOR.



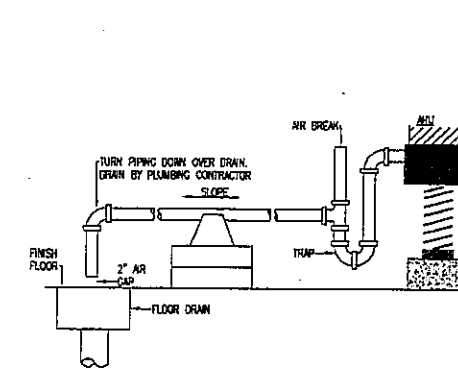
SECOND FLOOR: PLUMBING DOMESTIC WATER IMPROVEMENT PLAN
SCALE: 1/8" = 1'-0"

PLUMBING SYMBOL LEGEND							
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	DOMESTIC COLD WATER LINE		FLOOR CLEANOUT		PLUMBING RISER DESIGNATION		
	DOMESTIC HOT WATER LINE		YARD CLEANOUT		PLUMBING DETAIL REFERENCE	I.E.	INVERT ELEVATION
	DOMESTIC HOT WATER RETURN LINE		FLOOR SINK		POINT OF CONNECTION	HW	HOT WATER
	SANITARY SEWER VENT LINE		FLOOR DRAIN		ABOVE CEILING	SS	SANITARY SEWER
	SANITARY WASTE LINE		WALL HYDRANT		BELOW FINISH FLOOR	TP	TRAP PRIMER
	CONDENSATE LINE		HOSE BIBB		CLEAN OUT	TP	TYPICAL
	BALL VALVE		PIPE RISER		COLD WATER	UND. LAV.	UNDER LAVATORY
	CHECK VALVE		PIPE DROP		DOWN	V	VENT
	GATE VALVE		DIRECTION OF FLOW		FINISH FLOOR ELEVATION	VIR	VENT THRU ROOF
	WATER HAMMER ARRESTOR		WALL CLEANOUT		FIXTURE UNITS		

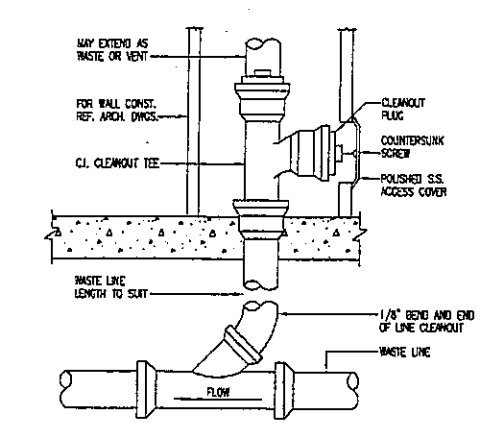
NOTE: NOT ALL SYMBOLS MAY BE USED ON THIS PROJECT

PLUMBING SCHEDULE						
MARK	FITURE TYPE	CONNECTION SIZE			DESCRIPTION	
		SEWER	VENT	HW		
P1	WATER CLOSET WALL MOUNTED	4"	2"	1"	VIREFOUS CHINA, ELONGATED RIM, SIPHON JET ACTION, WALL MOUNTED WATER CLOSET WITH 1-1/2" TOP SPUD, ELIER "SIGNATURE" MODEL "111-2105", 1.6 GPM, MANUAL EXPOSED FLUSH VALVE SLOAN ROYAL MODEL "111" WITH TRAP PRIMER CONNECTION WHERE INDICATED ON PLANS, CHURCH MODEL "5500C" OPEN FRONT SEAT LESS COVER, PROMIDE APPROVED CARRIER.	
P2	WATER CLOSET WALL MOUNTED (HANDICAP)	4"	2"	1"	VIREFOUS CHINA, ELONGATED RIM, SIPHON JET ACTION, WALL MOUNTED WATER CLOSET WITH 1-1/2" TOP SPUD, ELIER "SIGNATURE" MODEL "111-2105", 1.6 GPM, MANUAL EXPOSED FLUSH VALVE SLOAN ROYAL MODEL "111" WITH TRAP PRIMER CONNECTION WHERE INDICATED ON PLANS, CHURCH MODEL "5500C" OPEN FRONT SEAT LESS COVER, PROMIDE APPROVED CARRIER.	
P3	WATER CLOSET WALL MOUNTED (HANDICAP)	4"	2"	3/4"	VIREFOUS CHINA, ELONGATED RIM, WALL MOUNTED CLOSE COUPLED, TWO PIECE WATER CLOSET, ELIER "WALFORD" MODEL "081-7925", 1.6 GPM, WALL MOUNTED, SIPHON JET ACTION, LEFT HAND FLUSH WITH CHURCH MODEL "5500C" OPEN FRONT SEAT LESS COVER, TRAP LEVER SHALL BE MOUNTED ON APPROXIMATE (WIDE) SIDE OF SMALL ROOM, FOR RIGHT HAND FLUSH, USE ELIER TRAP MODEL "141-7002".	
P4	URINAL (HANDICAP)	2"	2"	3/4"	VIREFOUS CHINA, WALL HUNG, SIPHON JET ACTION WITH 3/4" TOP SPUD AND WALL HANGERS, SINKMUM 1 1/2" RIM TO WALL, DISTANCE EQUAL TO ELIER SINK MODEL No. "151-1050", WITH MANUAL EXPOSED FLUSH VALVE SLOAN ROYAL "185-110" FLUSH VALVE, PROMIDE APPROVED CARRIER.	
P5	LAVATORY COUNTERTOP (HANDICAP)	2"	2"	1/2"	VIREFOUS CHINA, SELF RIMMING, COWL (20"x17") LAVATORY WITH FAUCET HOLES ON 4" CENTERS, EQUAL TO ELIER "HURRY OVAL" MODEL "051-0124" COMPLETE WITH LAVATORY FAUCET CHICAGO MODEL "302A-317" CHROME PLATED, 1/2" IPS CONNECTIONS, MANUAL RESISTANT, BRIST BLADE HANDLES, HOT AND COLD INDICATORS, 2.0 GPM, ADA APPROVED, PROTECTIVE COVER ON P-TRAP.	
P6	LAVATORY WALL HUNG (HANDICAP)	2"	2"	1/2"	VIREFOUS CHINA, WALL HUNG LAVATORY WITH HOLES ON 4" CENTERS EQUAL TO ELIER "SIGNATURE" MODEL "051-2104", COMPLETE WITH LAVATORY FAUCET CHICAGO MODEL "302A-317", CHROME PLATED, 1/2" IPS CONNECTIONS, MANUAL RESISTANT, BRIST BLADE HANDLES, HOT AND COLD INDICATORS, 2.0 GPM, ADA APPROVED, PROTECTIVE COVER ON P-TRAP.	
P7	STAINLESS STEEL SINK COUNTERTOP (HANDICAP)	2"	2"	1/2"	SINGLE COMPARTMENT STAINLESS STEEL SINK EQUAL TO ELKAY MODEL "LAW-1716-60-3", SELF RIMMING, 17"x16"x16", 3 HOLES ON 4" CENTERS, 18 GAUGE, UNDERCOATED, COMPLETE WITH ELKAY MODEL "1X-24328H" H-ARC, CHROME METAL, BRIST BLADE HANDLES, CONCEALED MOUNT FAUCET WITH VEGETABLE SPRAY AND "1X-35" STRAINER WITH BASKET.	
P8	STAINLESS STEEL SINK COUNTERTOP (HANDICAP)	2"	2"	1/2"	DOUBLE COMPARTMENT, STAINLESS STEEL SINK EQUAL TO ELKAY MODEL "LAW-1722-60-3", SELF RIMMING, 32"x22"x16", 3 HOLES ON 4" CENTERS, 18 GAUGE, UNDERCOATED, COMPLETE WITH ELKAY MODEL "1X-24328H" H-ARC, CHROME METAL, BRIST BLADE HANDLES, CONCEALED MOUNT FAUCET WITH VEGETABLE SPRAY AND "1X-35" STRAINER WITH BASKET.	
P9	BI-LEVEL SELF-CONTAINED WATER COOLER (HANDICAP)	2"	2"	1/2"	BI-LEVEL SELF-CONTAINED WALL HUNG, REFRIGERATED WATER COOLER EQUAL TO ELKAY "E251L-0C", SELF CLOSING CONTROLS ON FRONT AND SIDE, STAINLESS STEEL BASKET, FLEX-GUARD BUBBLER CAPABLE OF DELIVERING 8.0 GPM OF 50 F WATER WITH 60 F INLET WATER AND 90 F ROOM TEMPERATURE, WITH CARRIER.	
P10	WOP SINK FLOOR MOUNTED	2"	2"	3/4"	FLOOR-MOUNTED TERRAZZO CORNER SERVICE SINK EQUAL TO STEPH-WILLIAMS MODEL "SBC-1700-89", 24"x24"x12" WITH 6" DROP FRONT, STAINLESS STEEL BACK PANELS AND STAINLESS STEEL RIM GUARDS ON ALL SIDES, COMPLETE WITH SERVICE SINK FAUCET EQUAL TO CHICAGO MODEL "540-10-8875-SINK" WITH 8" CENTERS, P.M. HOOD, WALL BRACKET, VACUUM BREAKER SPOUT, AND LEVER HANDLES. WOP HANMER AND 5" REINFORCED RUBBER HOSE.	
WH-1	WATER HEATER ON BASED PLATFORM	-	-	3/4"	20 GALLON WATER HEATER SHALL BE EQUAL TO RHEEM MODEL "E6SP70", IT SHALL BE 277V/1PH 4.5KW WITH A RECOVERY OF 30 GALLONS PER HOUR @ 60F RISE, PROMIDE AND INSTALL EXPANSION TANK AS PER MANUFACTURER RECOMMENDATIONS.	
WH-2	WATER HEATER ON BASED PLATFORM	-	-	3/4"	20 GALLON WATER HEATER SHALL BE EQUAL TO RHEEM MODEL "E6SP70", IT SHALL BE 277V/1PH 4.5KW WITH A RECOVERY OF 30 GALLONS PER HOUR @ 60F RISE, PROMIDE AND INSTALL EXPANSION TANK AS PER MANUFACTURER RECOMMENDATIONS.	
WH-3	WATER HEATER ON BASED PLATFORM	-	-	3/4"	20 GALLON WATER HEATER SHALL BE EQUAL TO RHEEM MODEL "E6SP70", IT SHALL BE 277V/1PH 4.5KW WITH A RECOVERY OF 30 GALLONS PER HOUR @ 60F RISE, PROMIDE AND INSTALL EXPANSION TANK AS PER MANUFACTURER RECOMMENDATIONS.	
WH-1	INSTANTANEOUS TANKLESS WATER HEATER BREAK ROOM 121	-	-	1/2"	INSTANTANEOUS TANKLESS WATER HEATER SHALL BE EQUAL TO EMAX MODEL "SP3277", IT SHALL BE 277V/1PH 3.0KW.	
WH-2	INSTANTANEOUS TANKLESS WATER HEATER CONFERENCE RM 165	-	-	1/2"	INSTANTANEOUS TANKLESS WATER HEATER SHALL BE EQUAL TO EMAX MODEL "SP3277", IT SHALL BE 277V/1PH 3.0KW.	
WH-3	INSTANTANEOUS TANKLESS WATER HEATER	-	-	1/2"	INSTANTANEOUS TANKLESS WATER HEATER SHALL BE EQUAL TO EMAX MODEL "EX30T-M", IT SHALL BE 277V/1PH 6.0KW.	
WH-4	INSTANTANEOUS TANKLESS WATER HEATER BREAK AREA 186	-	-	1/2"	INSTANTANEOUS TANKLESS WATER HEATER SHALL BE EQUAL TO EMAX MODEL "SP3277", IT SHALL BE 277V/1PH 3.0KW.	
WH-5	INSTANTANEOUS TANKLESS WATER HEATER BREAK ROOM 255	-	-	1/2"	INSTANTANEOUS TANKLESS WATER HEATER SHALL BE EQUAL TO EMAX MODEL "EX30T-M", IT SHALL BE 277V/1PH 6.0KW.	
WH-6	INSTANTANEOUS TANKLESS WATER HEATER	-	-	1/2"	INSTANTANEOUS TANKLESS WATER HEATER SHALL BE EQUAL TO EMAX MODEL "SP3277", IT SHALL BE 277V/1PH 3.0KW.	
WH-7	INSTANTANEOUS TANKLESS WATER HEATER BREAK RM 256	-	-	1/2"	INSTANTANEOUS TANKLESS WATER HEATER SHALL BE EQUAL TO EMAX MODEL "SP3277", IT SHALL BE 277V/1PH 3.0KW.	
WH-8	INSTANTANEOUS TANKLESS WATER HEATER R/R 237	-	-	1/2"	INSTANTANEOUS TANKLESS WATER HEATER SHALL BE EQUAL TO EMAX MODEL "SP3277", IT SHALL BE 277V/1PH 3.0KW.	
WH-9	INSTANTANEOUS TANKLESS WATER HEATER BREAK 231	-	-	1/2"	INSTANTANEOUS TANKLESS WATER HEATER SHALL BE EQUAL TO EMAX MODEL "EX30T-M", IT SHALL BE 277V/1PH 6.0KW.	
WH-10	INSTANTANEOUS TANKLESS WATER HEATER MEN 220	-	-	1/2"	INSTANTANEOUS TANKLESS WATER HEATER SHALL BE EQUAL TO EMAX MODEL "EX30T-M", IT SHALL BE 277V/1PH 6.0KW.	
WH-11	INSTANTANEOUS TANKLESS WATER HEATER R/R 257	-	-	1/2"	INSTANTANEOUS TANKLESS WATER HEATER SHALL BE EQUAL TO EMAX MODEL "SP3277", IT SHALL BE 277V/1PH 3.0KW.	
WH-12	INSTANTANEOUS TANKLESS WATER HEATER BREAK AREA 206	-	-	1/2"	INSTANTANEOUS TANKLESS WATER HEATER SHALL BE EQUAL TO EMAX MODEL "SP3277", IT SHALL BE 277V/1PH 3.0KW.	
FD	GENERAL DUTY FLOOR DRAIN	3"	2"	-	DURN MODEL "7-115-0" LACQUERED CAST IRON FLOOR DRAIN, COMPLETE WITH TYPE 8" NICKEL BRONZE STRAINER AND 1/2" TRAP PRIMER CONNECTION.	
RCB	RETRACTOR ICE CONNECTION BOX	-	-	1/2"	ICE CONNECTION BOX, GUY GRAY MODEL No. SM 875	

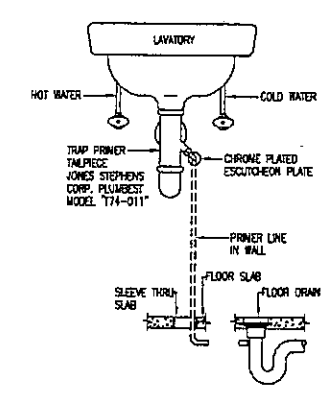
NOTE: REFER TO ARCHITECTURAL PLANS FOR MOUNTING HEIGHTS.



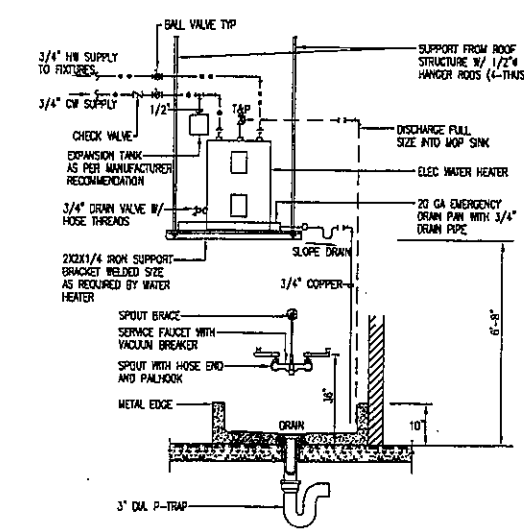
01 CONDENSATE DRAIN DETAIL
SCALE: NOT TO SCALE



02 WALL CLEANOUT DETAIL
SCALE: NOT TO SCALE



03 TRAP PRIMER TAILPIECE DETAIL
SCALE: NOT TO SCALE



04 WATER HEATER ON PLATFORM MOUNTING DETAIL
SCALE: NOT TO SCALE

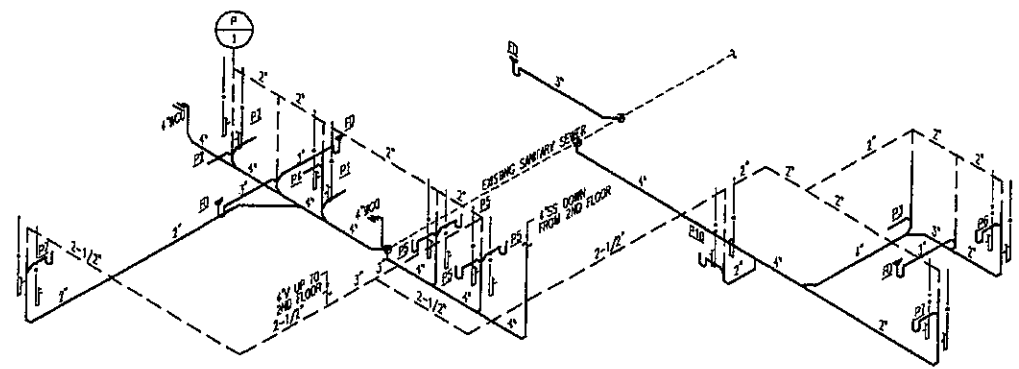
THE USE OF THESE DRAWINGS IS RESTRICTED TO THE ORIGINAL PURPOSE FOR WHICH THEY WERE INTENDED. REPRODUCTION WITHOUT WRITTEN PERMISSION FROM THE OWNER IS PROHIBITED.

PROJECT # 08072
ISSUED: 03/05/09
DRAWN BY:
CHECKED BY:
FILE NAME:
SHEET:

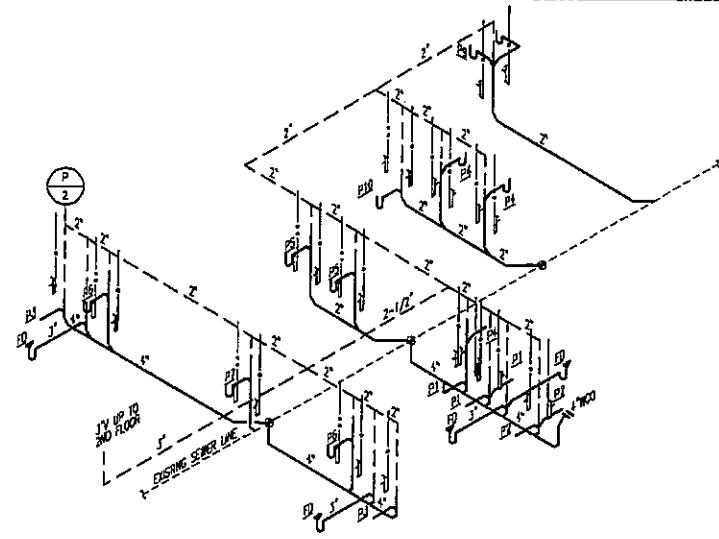
1st AND 2nd FLOORS REMODEL
FORMER ADMINISTRATION BUILDING
HIDALGO COUNTY, TEXAS
CITY OF EDINBURG, TEXAS

THE USE OF THESE DRAWINGS IS RESTRICTED TO THE ORIGINAL PURPOSE FOR WHICH THEY WERE INTENDED. REPRODUCTION WITHOUT WRITTEN PERMISSION FROM THE OWNER IS PROHIBITED.

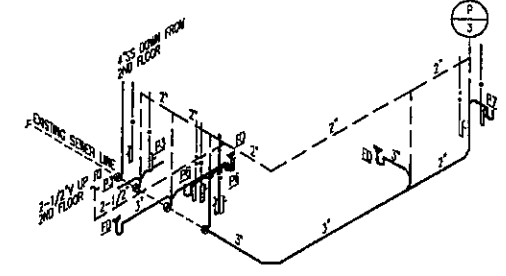
PROJECT # 08072
ISSUED: 03/05/09
DRAWN BY:
CHECKED BY:
FILE NAME:
SHEET:



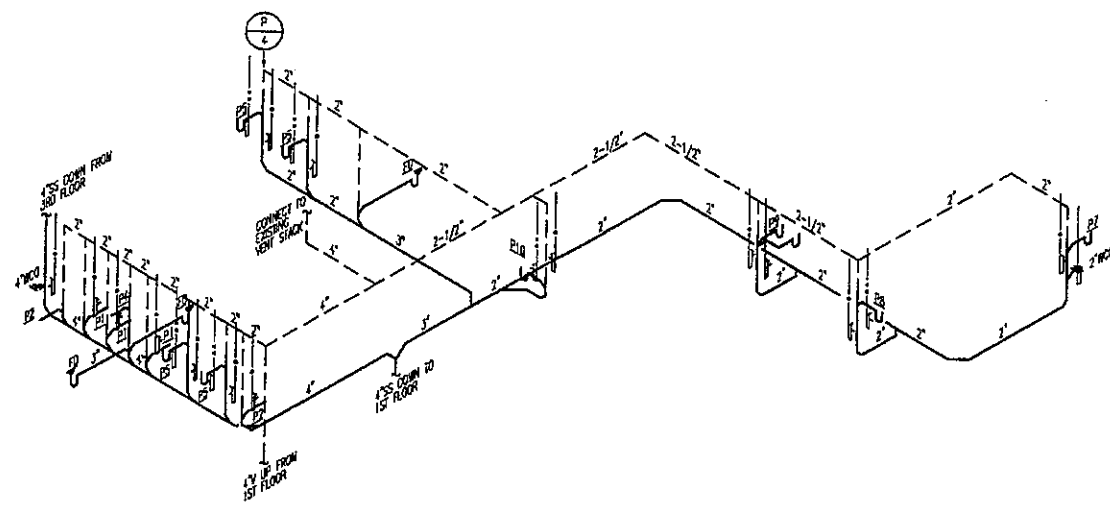
01 PLUMBING RISER SCHEMATIC DIAGRAM
SCALE: NOT TO SCALE



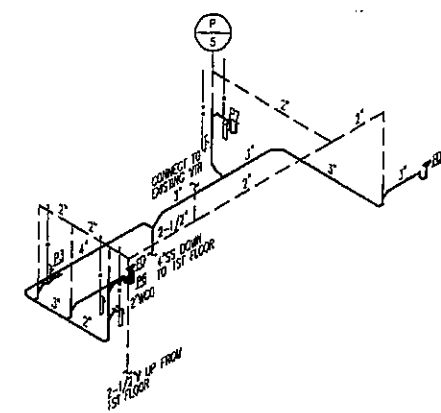
02 PLUMBING RISER SCHEMATIC DIAGRAM
SCALE: NOT TO SCALE



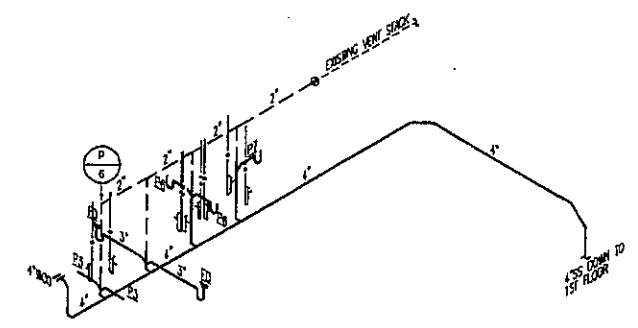
03 PLUMBING RISER SCHEMATIC DIAGRAM
SCALE: NOT TO SCALE



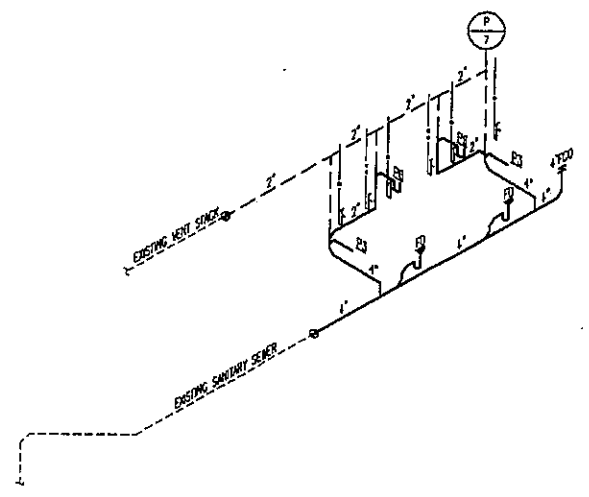
04 PLUMBING RISER SCHEMATIC DIAGRAM
SCALE: NOT TO SCALE



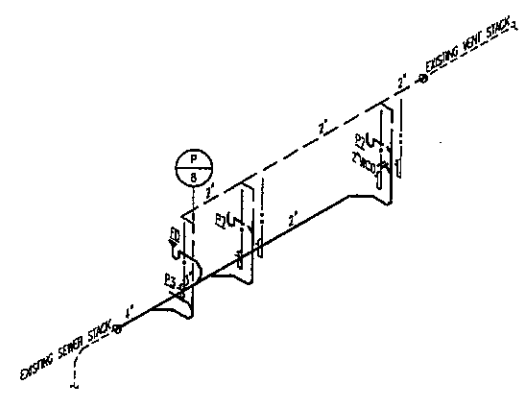
05 PLUMBING RISER SCHEMATIC DIAGRAM
SCALE: NOT TO SCALE



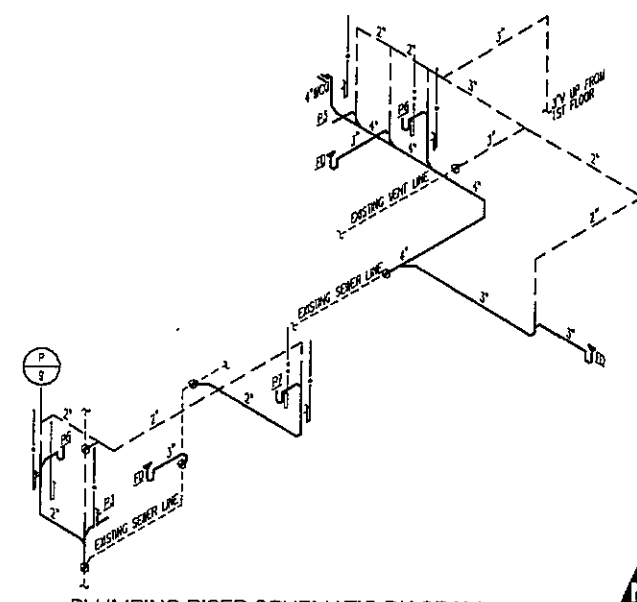
06 PLUMBING RISER SCHEMATIC DIAGRAM
SCALE: NOT TO SCALE



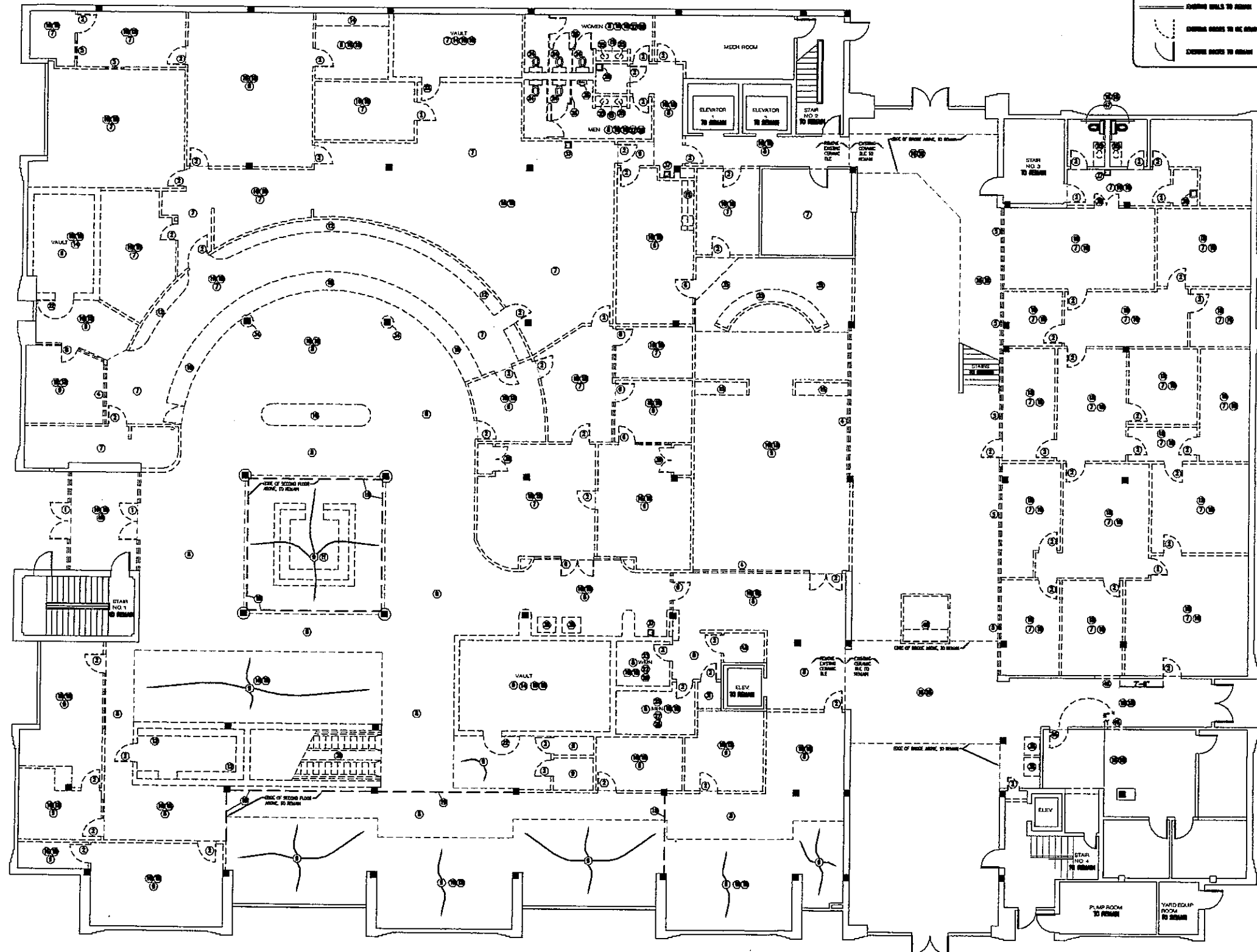
07 PLUMBING RISER SCHEMATIC DIAGRAM
SCALE: NOT TO SCALE



08 PLUMBING RISER SCHEMATIC DIAGRAM
SCALE: NOT TO SCALE



09 PLUMBING RISER SCHEMATIC DIAGRAM
SCALE: NOT TO SCALE



FLOOR PLAN LEGEND

- DEMOLITION WALLS TO BE REMOVED
- DEMOLITION WALLS TO REMAIN
- DEMOLITION DOORS TO BE REMOVED
- DEMOLITION DOORS TO REMAIN

- GENERAL DEMOLITION NOTES**
1. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING ELEMENTS AND CONDITIONS PRIOR TO DEMOLITION OR MODIFICATION. NOTIFY ARCHITECT IN THE EVENT OF ANY DISCREPANCIES.
 2. ALL WORK SHALL BE IN ACCORDANCE WITH ALL APPLICABLE CODES, REGULATIONS AND ORDINANCES HAVING JURISDICTION.
 3. THE GENERAL CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR OBTAINING AND MAINTAINING ALL NECESSARY PERMITS, PROVISION AND CONTROL OF ALL SECURED AREAS AND METHODS OF DEMOLITION, THE PROTECTION, CONSERVATION, STORAGE, DELIVERY AND STORAGE OF MATERIALS, PERSONNEL, OF COURSE, AND ALL ASPECTS OF JOB SAFETY.
 4. CONTRACTOR SHALL VERIFY THE EXISTING LOCATION OF ALL CONTAMINATED MATERIALS FOR REMEDIATION.
 5. DUMP TRUCKS FROM EXISTING DEMOLITION SITES; NO ACCUMULATION OF TRASH AND DEMOLITION MATERIALS WILL BE ALLOWED. DUMP TRUCKS OPERATED BY CONTRACTOR ARE TO BE USED FOR SELECTIVE DEMOLITION WORK. ACCUMULATION OF DIRT & DEBRIS WILL BE STRICTLY CONTROLLED, AND AREA KEPT AS CLEAN AS POSSIBLE.
 6. ALL ITEMS INDICATED TO BE SALVAGED, REPAIR/REPLACE, OR REPLACED SHALL BE STORED AND MAINTAINED TO ORDER OF OWNER. REMOVE ALL SUCH ITEMS IF DAMAGED OR REPLACE TO THE SATISFACTION OF THE OWNER.
 7. PROTECT ALL WALLS AND FLOOR FINISHES AS NEEDED IN ORDER TO PREVENT DAMAGE TO THESE SURFACES FROM DEMOLITION MATERIALS AND DEBRIS OPERATIONS.
 8. CONTRACTOR SHALL NOTIFY THE ARCHITECT AND THE OWNER IMMEDIATELY SHOULD UNEXPECTED HAZARDOUS MATERIALS BE SUSPECTED OR DISCOVERED.
 9. CONTRACTOR SHALL PATCH AND REPAIR EXISTING FLOOR FINISHES AT ALL WORK AREAS AS REQUIRED TO MATCH NEW EXISTING.
 10. CONTRACTOR SHALL COORDINATE ALL INTERRUPTIONS OF MECHANICAL, ELECTRICAL, AND PLUMBING WITH THE OWNER DURING THE COURSE OF DEMOLITION.
 11. REMOVE ALL ITEMS AS REQUIRED TO ACCOMPLISH THE FINAL DEMOLITION REQUIREMENTS EVEN IF NOT SHOWN ON THE CONTRACT DOCUMENTS.
 12. THE COUNTY OF HIDALGO SHALL RETAIN THE DIRT OF BEST QUALITY ON ALL EXISTING PAVEMENT, MATERIAL, AND SURFACES. IF THE COUNTY OF HIDALGO DOES NOT ELECT TO KEEP ANY REMOVED FROM MATERIAL AND SURFACES IT SHALL BE THE PROPERTY AND RESPONSIBILITY OF THE CONTRACTOR.
 13. REMOVE ALL EXISTING MECHANICAL, ELECTRICAL & PLUMBING ITEMS SUCH AS CEILING EXHAUSTERS, EXHAUSTERS, WALL AND CEILING PANELS, LIGHTING FIXTURES, MECHANICAL EXHAUST COILS AND ELECTRICAL OUTLETS ATTACHED TO WALL, FLOOR AND/OR CEILING, OTHER ELECTRICAL WIRING TO LIGHTS & SWITCHES, AND PLUMBING FITTINGS FOR TOILETS & SINKS. SEE DEMOLITION PLAN.
 14. REFER TO THE DEMOLITION PLAN, NOTES, AND SPECIFICATIONS FOR INFORMATION ON OTHER EXISTING MECHANICAL, ELECTRICAL & PLUMBING COMPONENTS.

- DEMOLITION KEY NOTES**
1. REMOVE EXISTING DOOR, FRAME & THRESHOLD.
 2. REMOVE EXISTING ARCH & FRAME.
 3. REMOVE EXISTING ARCH.
 4. REMOVE EXISTING ARCH, WINDOW SILL.
 5. REMOVE EXISTING WINDOW SILL.
 6. REMOVE EXISTING DOOR FRAME & WINDOW FRAME.
 7. REMOVE EXISTING WALL, COMPOSITION TILE AND GAGE FROM FLOOR.
 8. REMOVE EXISTING CORNER TILE AND GAGE FROM FLOOR.
 9. REMOVE EXISTING CHIMNEY FLASHING & GAGE FROM FLOOR.
 10. REMOVE EXISTING ROOF CORNER BY CHIMNEY.
 11. REMOVE EXISTING RECEPTION NICK.
 12. REMOVE EXISTING BASE CABINET AND UPPER SHELVES.
 13. REMOVE EXISTING BASE CABINET BY SINK & TOP SHELVES.
 14. REMOVE EXISTING WOOD SHELVES.
 15. REMOVE EXISTING WOOD CHIMNEY.
 16. REMOVE ALL EXISTING SUPPORTED ACCIDENTAL CEILING TILE & GRID SYSTEM.
 17. REMOVE ALL EXISTING SUPPLY BOARD CEILING & FRAMES.
 18. REMOVE ALL EXISTING LIGHT FIXTURES, SEE MEP.
 19. EXISTING FLOOR MARK ABOVE TO REMAIN.
 20. REMOVE EXISTING MECHANICAL, EXHAUSTERS, SEE MEP.
 21. REMOVE EXISTING FLOOR PAINT.
 22. REMOVE EXISTING WOOD DOOR.
 23. REMOVE EXISTING WALK OFF LAMINATE.
 24. REMOVE EXISTING TOILET.
 25. REMOVE EXISTING LAMINATE.
 26. REMOVE ALL EXISTING TOILET FIXTURES.
 27. REMOVE EXISTING BATHROOM ACCESSORIES.
 28. REMOVE EXISTING HANDBOOK ACCESSORIES.
 29. REMOVE EXISTING HOP TANK.
 30. REMOVE EXISTING PART OF BRASS & FRAME.
 31. RELocate EXISTING TELEPHONE & ELECTRICAL EQUIPMENT, SEE MEP.
 32. GENERAL: PATCH AND REPAIR FINISHES CONCRETE SLAB AT WALLS REMOVED.
 33. REMOVE EXISTING COUNTY COMMUNICATIONS BOX.
 34. REMOVE EXISTING WINDOW JOISTING CEILING, CEILING TO REMAIN.
 35. REMOVE EXISTING WOOD PLATFORM.
 36. REMOVE EXISTING LAMINATE.
 37. REMOVE EXISTING CORNER FRAMING.
 38. REMOVE EXISTING EXHAUSTER HANGING.
 39. REMOVE FINE EXHAUSTER, SMOKEY AND/OR CHIMNEY.
 40. REMOVE EXISTING FLOOR MAT.
 41. REMOVE EXISTING WALL PAPER.
 42. REMOVE EXHAUSTER & ELECTRICAL EQUIPMENT TO REMAIN, SEE MEP.
 43. RELocate EXISTING SLOTTING EQUIPMENT.
 44. EXISTING ROOF MARK BY LAMINATE TO REMAIN.
 45. RELocate EXISTING ARCH & FRAME (SEE IMPROVEMENTS PLAN, A-1).
 46. CUT-OFF EXISTING FLOOR FRAME & DOOR (SEE IMPROVEMENTS, A-1).
 47. RELocate EXISTING HANDBOOK ACCESSORIES (SEE EXHAUSTERS, A-1).
 48. REMOVE EXISTING SECURITY ROOM.
- NOTE:**
 - EXISTING CASE SHOULD BE CAREFULLY DAMAGED THEN REMOVED
 EXISTING WINDOWS & DOORS, STORE A PROTECT EXISTING DEMOLITION FRAME & CONTACT OWNER FOR PICK-UP.
 - ALL EXISTING STRUCTURAL, COLUMN, BEAM, JOIST TO REMAIN, NOTIFY IF THERE IS ANY CHANGE.
 - GENERAL: REMOVE ALL EXISTING WALL PAPER FROM THE EXISTING WALLS SCHEDULED TO REMAIN.

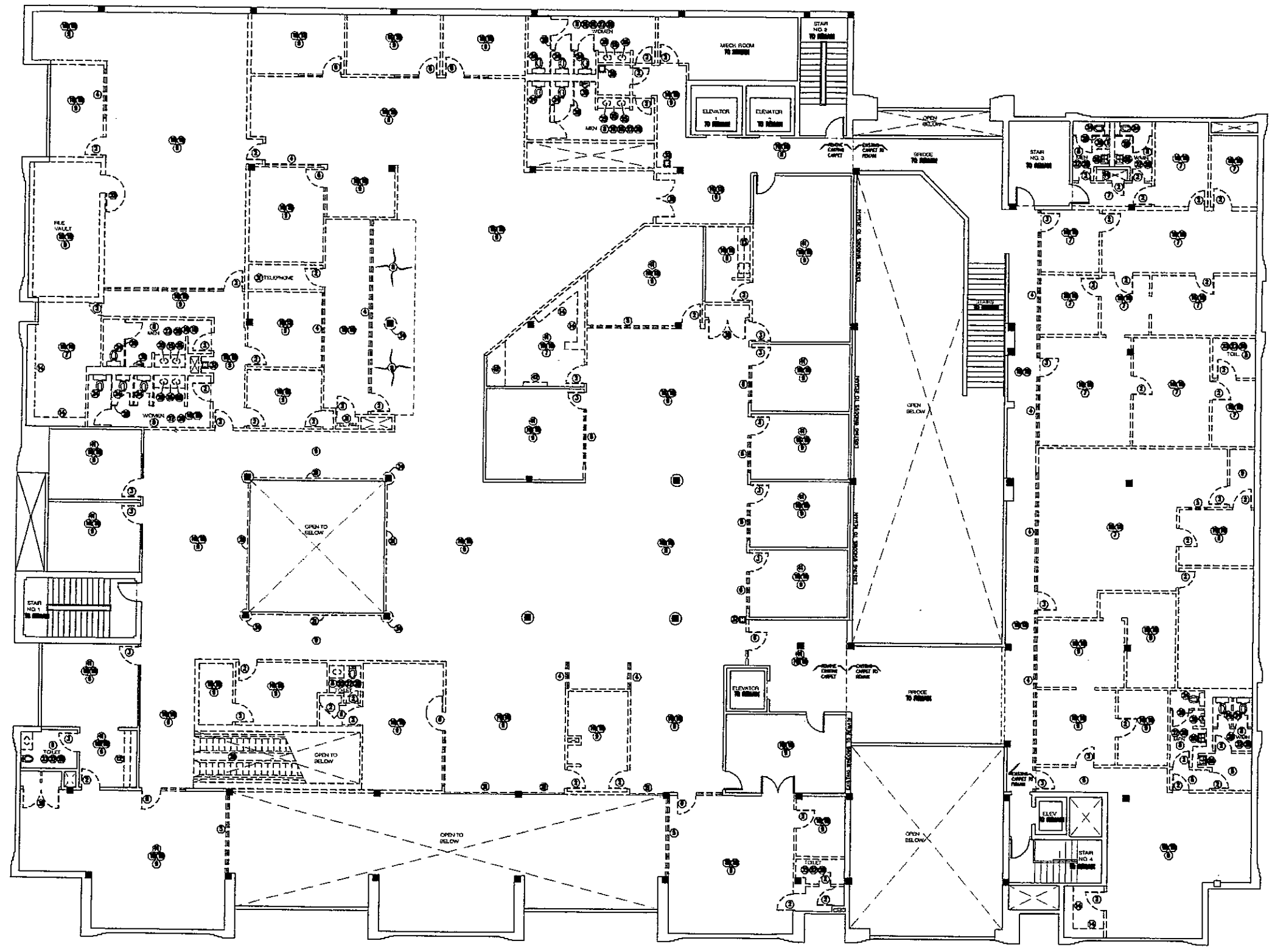
FIRST FLOOR: DEMOLITION PLAN
 SCALE: 1/8" = 1'-0"


AGA
 DESIGN CONSULTING
 Alcázar García Associates, Inc.
 Design Consulting
 1333 E. Juniper Ave.
 McAllen, Texas 78501
 Office: 361.671.8207
 Fax: 361.671.8208
 Web: WWW.AGACON.COM

**1st AND 2nd FLOORS REMODEL
 FORMER ADMINISTRATION BUILDING
 HIDALGO COUNTY, TEXAS
 CITY OF EDINBURG, TEXAS**

THE USE OF THESE DRAWINGS IS RESTRICTED TO THE ORIGINAL PURPOSE FOR WHICH THEY WERE INTENDED. REPRODUCTION WITHOUT WRITTEN PERMISSION FROM THE OWNER IS PROHIBITED.

PROJECT #	
ISSUED:	
DRAWN BY: D.C.	
CHECKED BY:	
FILE NAME:	
SHEET:	




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



Alcocer Garcia Associates, Inc.
 Design Consulting
 1333 E. Palmira Ave.
 McAllen, Texas 78501
 Office: 956.018.2007
 Fax: 956.018.2008
 Web: WWW.AGAC.COM

1st AND 2nd FLOORS REMODEL
FORMER ADMINISTRATION BUILDING
 HIDALGO COUNTY, TEXAS
 CITY OF EDINBURG, TEXAS

THE USE OF THESE
 DRAWINGS IS RESTRICTED TO
 THE ORIGINAL PURPOSE FOR
 WHICH THEY WERE INTENDED.
 REPRODUCTION WITHOUT
 WRITTEN PERMISSION FROM
 THE OWNER IS PROHIBITED.

PROJECT #
ISSUED:
DRAWN BY: O.C.
CHECKED BY:
FILE NAME:
SHEET:

1st AND 2nd FLOORS REMODEL
FORMER ADMINISTRATION BUILDING
HIDALGO COUNTY, TEXAS
CITY OF EDINBURG, TEXAS

ROOM FINISH SCHEDULE

FLOOR:
 F1 EXPOSED CONCRETE (NON-SLP)
 F2 ORGANIC FLOOR TILE
 F3 WOOD FLOORING
 F4 EXISTING CARPET TO REMOVE, CLEAN
 F5 EXISTING FLOORING, CLEAN
 F6 CARPET (COMMERCIAL, GRADE)
 F7 CARPET TILE (COMMERCIAL GRADE)

BASE:
 B1 NONE
 B2 4" CERAMIC TILE
 B3 4" WYVL CONED BASE
 B4 4" WOOD BASE
 B6 EXISTING, CLEAN

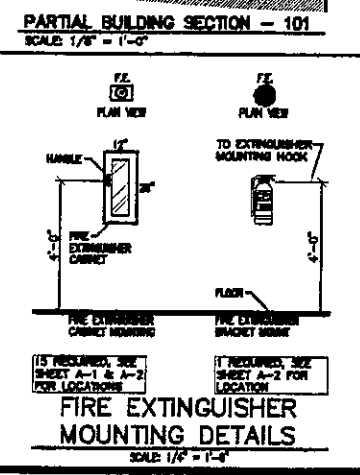
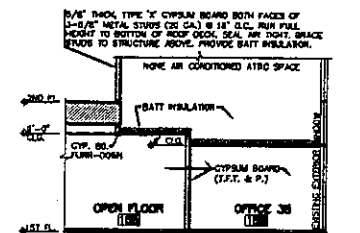
WALLS:
 W1 GYPSUM BOARD, TAPE, FLAT, TEXTURE, PAINT
 W2 MOISTURE RESISTANT GYPSUM BOARD, TAPE, FLAT, TEXTURE, PAINT
 W3 8"-10" HIGH 4"x4" CERAMIC TILE SUBROOF WITH 2" MIN. OR MOISTURE RESISTANT GYPSUM BOARD, T.F.T. & P.
 W4 CLEAN, REPAIR & PAINT EXISTING GYP. BD. WALL

CEILING:
 C1 2"x2" LAY-IN ACoustICAL CEILING TILE SYSTEM (1 HR. FIRE RATED)
 C2 EXPOSED STRUCTURE
 C3 GYPSUM BOARD, TAPE, FLAT, TEXTURE, PAINT
 C4 EXPOSED STRUCTURE, PAINT
 C5 EXISTING CEILING, REPLACE DAMAGED TILES
 C6 PATTERNED CEILING PANELS
 C7 NONE
 C8 2"x2" LAY-IN ACoustICAL CEILING TILE SYSTEM (1 HR. FIRE RATED) 7/8" BATT INSULATION (R-19)

CEILING HEIGHT:
 CH 6'-0"
 CH 8'-0"
 CH 9'-0"
 CH 10'-0"
 CH 11'-0"
 CH 12'-0"

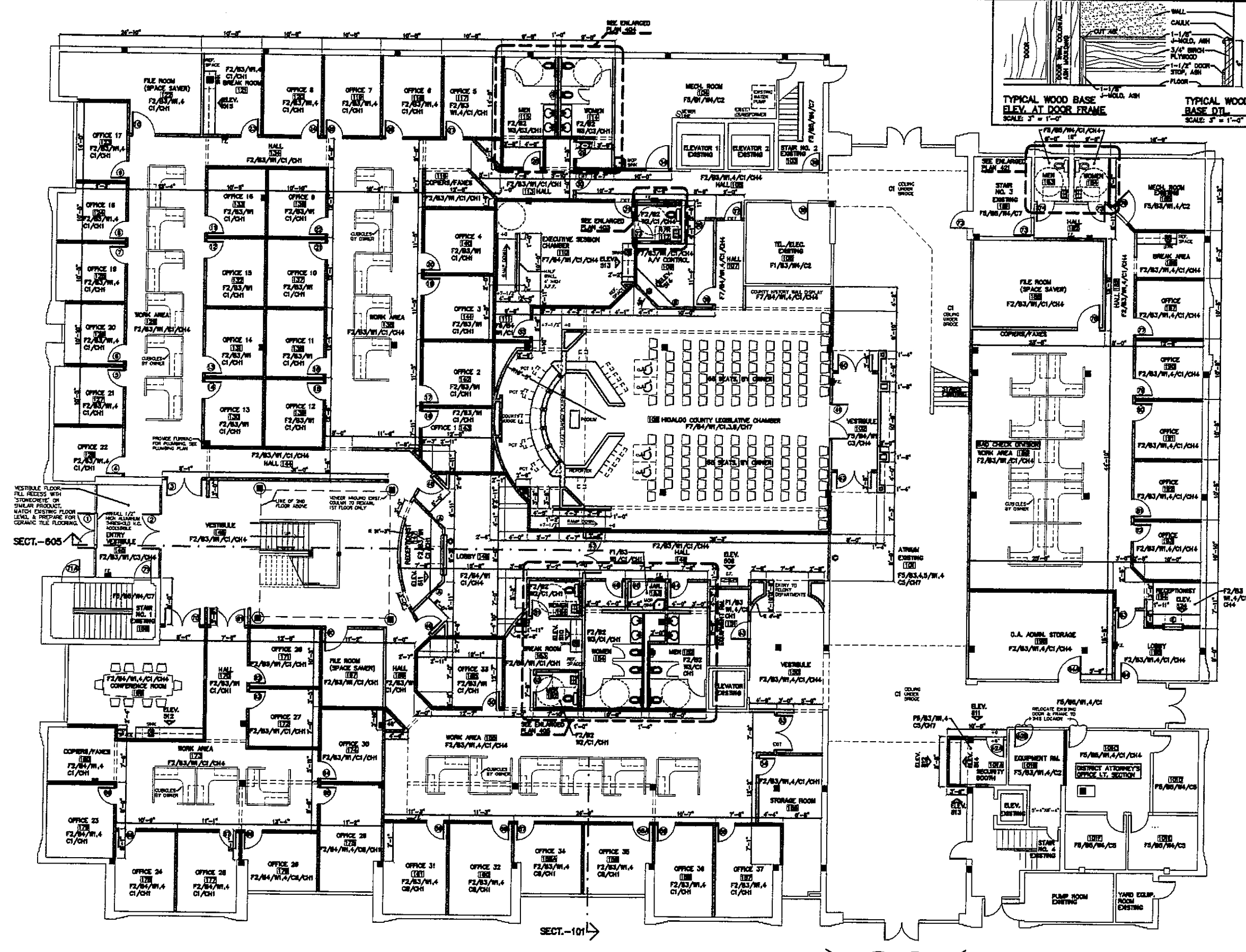
WALL LEGEND:

- INTERIOR WALLS: 5/8" THICK, TYPE "X" GYPSUM BOARD BOTH FACES OF 3-5/8" METAL STUDS (20 GA.) @ 16" O.C., RUN FULL HEIGHT TO 8" ABOVE CEILING, BRACE STUDS TO STRUCTURE ABOVE, PROVIDE BATT INSULATION, (TYPICAL).
- INTERIOR WALLS: 5/8" THICK, TYPE "X" GYPSUM BOARD BOTH FACES OF 3-5/8" METAL STUDS (20 GA.) @ 16" O.C., RUN FULL HEIGHT TO 8" ABOVE CEILING, BRACE STUDS TO STRUCTURE ABOVE, PROVIDE SOUND BATT INSULATION, (TYPICAL).
- EXISTING WALLS.
- FIRE WALLS: 5/8" THICK, TYPE "X" GYPSUM BOARD BOTH FACES OF 3-5/8" METAL STUDS (20 GA.) @ 16" O.C., RUN TO BOTTOM OF FLOOR DECK ABOVE, SEAL AIR TIGHT, PROVIDE BATT INSULATION, (TYPICAL).



THE USE OF THESE DRAWINGS IS RESTRICTED TO THE ORIGINAL PURPOSE FOR WHICH THEY WERE INTENDED. REPRODUCTION WITHOUT WRITTEN PERMISSION FROM THE OWNER IS PROHIBITED.

PROJECT #
ISSUED:
DRAWN BY: O.C.
CHECKED BY:
FILE NAME:
SHEET:



ATRIUM:
 1. WALL DAMAGED TO EXISTING WALLS SCHEDULED TO REMOVE, REPAIR, PATCH, REPAIR & PAINT.
 2. ATRIUM CEILING EXISTING GYP. BD. CEILING SCHEDULED TO REMOVE, PAINT.
 3. UNDER STAIRS & SIDING, EXISTING GYP. BD. PAINT.

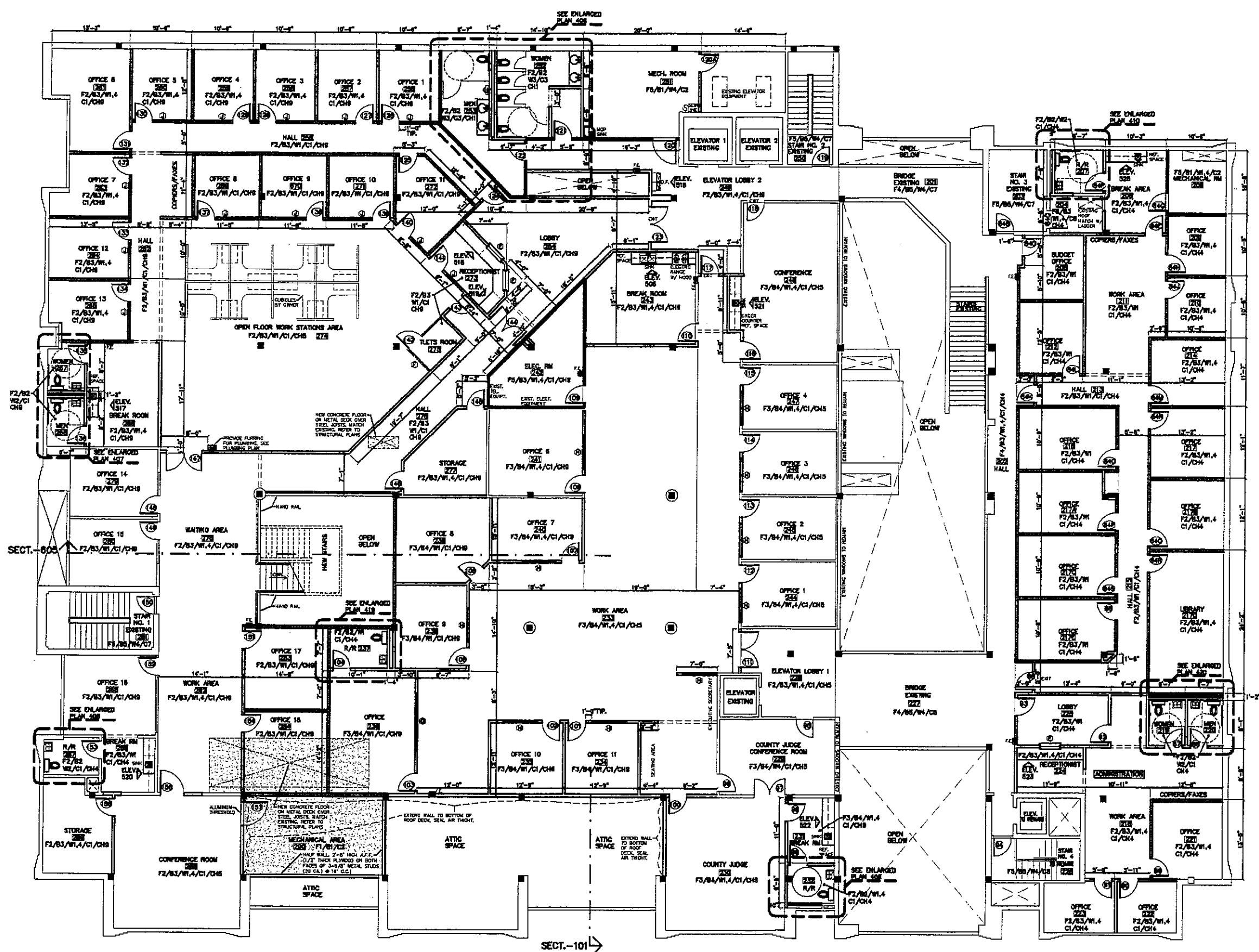
FIRST FLOOR IMPROVEMENTS PLAN
SCALE: 1/8" = 1'-0"
TOTAL 1ST FLOOR AREA: 26,545 SQ. FT.
VERIFY DIMENSIONS OF NEW INTERIOR WALLS PRIOR STARTING CONSTRUCTION

Alcocker Garcia Associates, Inc.
Design Consulting
1333 E. Lemine Ave.
Arlington, Texas 76010
Office: 956.618.2007
Fax: 956.618.2008
Web: WWW.AGADCC.COM

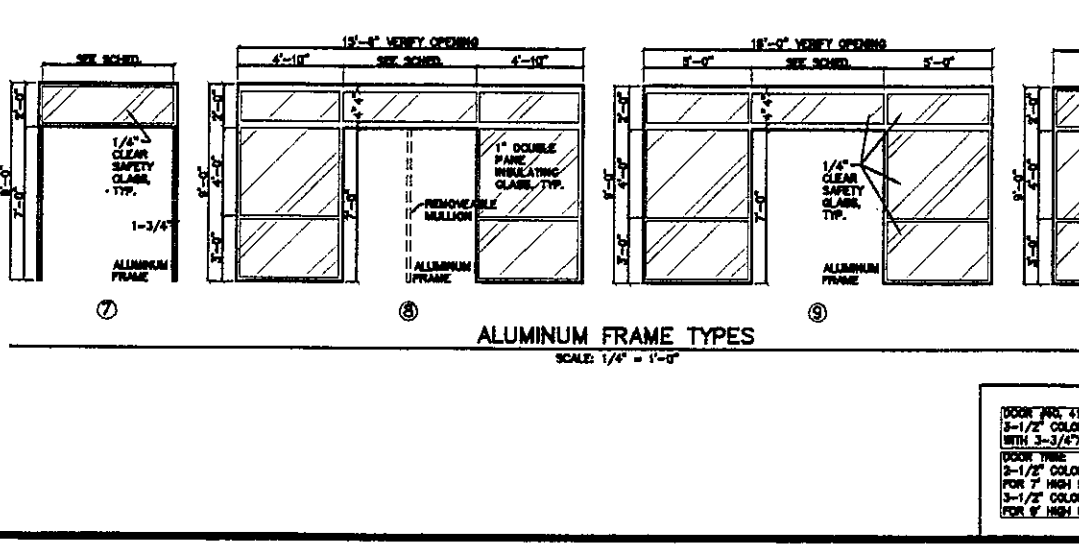
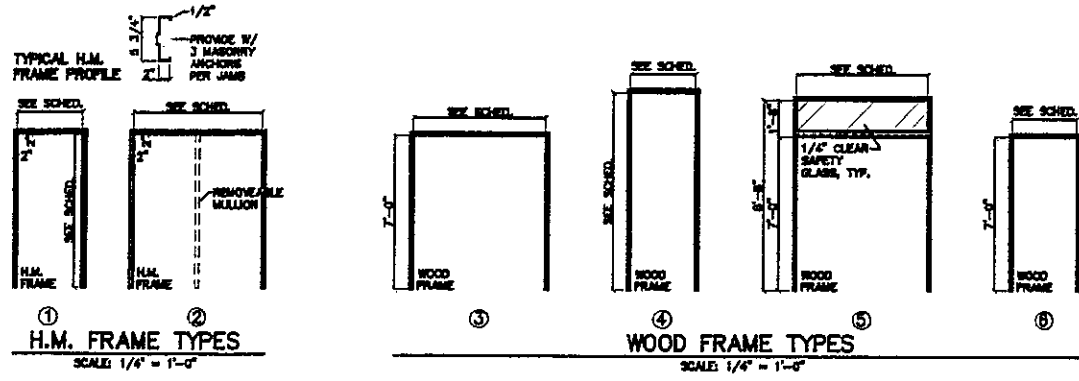
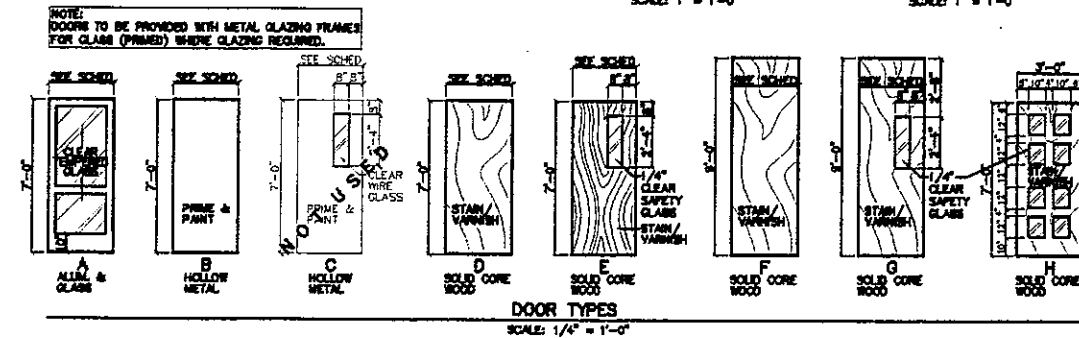
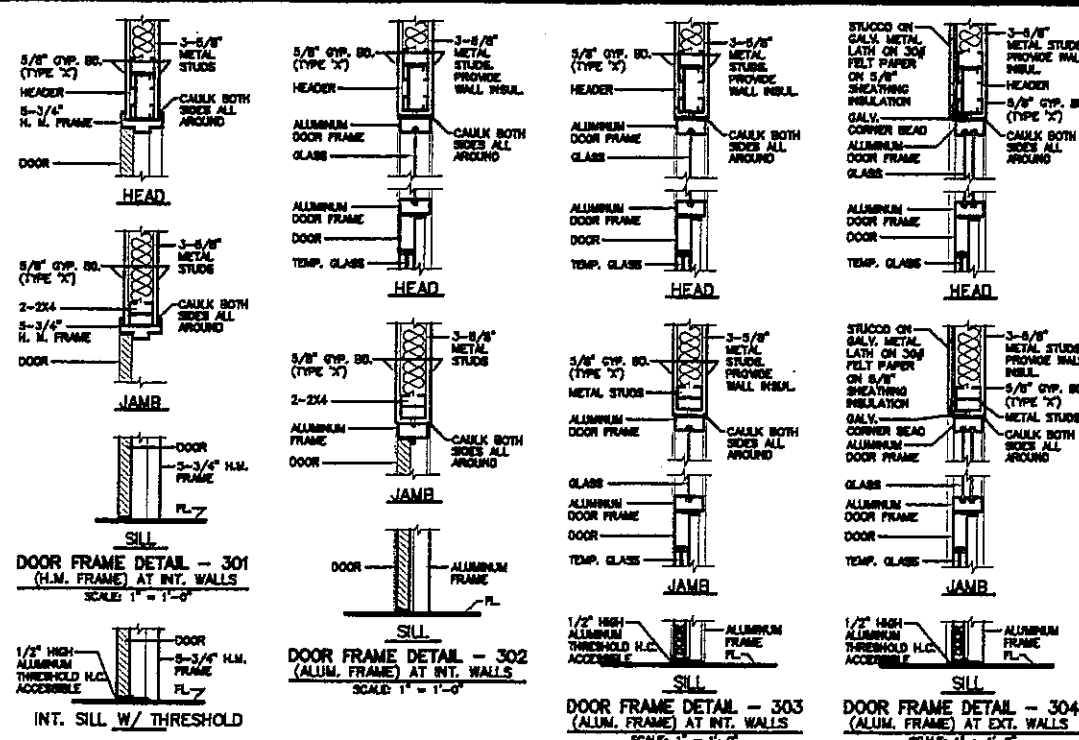
1st AND 2nd FLOORS REMODEL
FORMER ADMINISTRATION BUILDING
HIDALGO COUNTY, TEXAS
CITY OF EDINBURG, TEXAS

THE USE OF THESE DRAWINGS IS RESTRICTED TO THE ORIGINAL PURPOSE FOR WHICH THEY WERE INTENDED. REPRODUCTION WITHOUT WRITTEN PERMISSION FROM THE OWNER IS PROHIBITED.

PROJECT #	
ISSUED:	
DRAWN BY: G.C.	
CHECKED BY:	
FILE NAME:	
SHEET:	



SECOND FLOOR: IMPROVEMENTS PLAN
SCALE: 1/8" = 1'-0"
TOTAL 2ND FLOOR AREA: 23,872 SQ. FT.
VERIFY DIMENSIONS OF NEW INTERIOR WALLS PRIOR STARTING CONSTRUCTION



1 - INDICATES CARO ACCESS REQUIRED

1ST FLOOR DOOR SCHEDULE

DOOR MARK	DOOR SIZE	DOOR TYPE	DOOR MATERIAL	DOOR FINISH	DOOR FRAME MATERIAL	DOOR FRAME FINISH	FRAME SIZE	FIN. RATED	DETAILS	HW. SET #	DOOR MARK
01	PR 3070	A	ALUM. & GLASS ANODOZED	8	ALUMINUM	1-3/4" X 4-1/2"	304			1	01
02	PR 3070	A	ALUM. & GLASS ANODOZED	8	ALUMINUM	1-3/4" X 4-1/2"	303			2	02
03	PR 3070	E	WOOD S.C.	S.V.	3	WOOD S.C.	1-5/8" X 4-7/8"	305		3	03
04	3070	D	WOOD S.C.	S.V.	6	WOOD S.C.	1-5/8" X 4-7/8"	305		4	04
05	3070	D	WOOD S.C.	S.V.	6	WOOD S.C.	1-5/8" X 4-7/8"	305		5	05
06	3070	D	WOOD S.C.	S.V.	6	WOOD S.C.	1-5/8" X 4-7/8"	305		6	06
07	3070	D	WOOD S.C.	S.V.	6	WOOD S.C.	1-5/8" X 4-7/8"	305		7	07
08	3070	D	WOOD S.C.	S.V.	6	WOOD S.C.	1-5/8" X 4-7/8"	305		8	08
09	3070	D	WOOD S.C.	S.V.	6	WOOD S.C.	1-5/8" X 4-7/8"	305		9	09
10	3070	D	WOOD S.C.	S.V.	6	WOOD S.C.	1-5/8" X 4-7/8"	305		10	10
11	3070	D	WOOD S.C.	S.V.	6	WOOD S.C.	1-5/8" X 4-7/8"	305		11	11
12	3070	D	WOOD S.C.	S.V.	6	WOOD S.C.	1-5/8" X 4-7/8"	305		12	12
13	3070	D	WOOD S.C.	S.V.	6	WOOD S.C.	1-5/8" X 4-7/8"	305		13	13
14	3070	D	WOOD S.C.	S.V.	6	WOOD S.C.	1-5/8" X 4-7/8"	305		14	14
15	3070	D	WOOD S.C.	S.V.	6	WOOD S.C.	1-5/8" X 4-7/8"	305		15	15
16	3070	D	WOOD S.C.	S.V.	6	WOOD S.C.	1-5/8" X 4-7/8"	305		16	16
17	3070	D	WOOD S.C.	S.V.	6	WOOD S.C.	1-5/8" X 4-7/8"	305		17	17
18	3070	D	WOOD S.C.	S.V.	6	WOOD S.C.	1-5/8" X 4-7/8"	305		18	18
19	3070	D	WOOD S.C.	S.V.	6	WOOD S.C.	1-5/8" X 4-7/8"	305		19	19
20	3070	D	WOOD S.C.	S.V.	6	WOOD S.C.	1-5/8" X 4-7/8"	305		20	20
21	3070	D	WOOD S.C.	S.V.	6	WOOD S.C.	1-5/8" X 4-7/8"	305		21	21
22	3070	D	WOOD S.C.	S.V.	6	WOOD S.C.	1-5/8" X 4-7/8"	305		22	22
23	3070	D	WOOD S.C.	S.V.	6	WOOD S.C.	1-5/8" X 4-7/8"	305		23	23
24	3070	D	WOOD S.C.	S.V.	6	WOOD S.C.	1-5/8" X 4-7/8"	305		24	24
25	3070	D	WOOD S.C.	S.V.	6	WOOD S.C.	1-5/8" X 4-7/8"	305		25	25
26	3070	D	WOOD S.C.	S.V.	6	WOOD S.C.	1-5/8" X 4-7/8"	305		26	26
27	3070	D	WOOD S.C.	S.V.	6	WOOD S.C.	1-5/8" X 4-7/8"	305		27	27
28	3070	D	WOOD S.C.	S.V.	6	WOOD S.C.	1-5/8" X 4-7/8"	305		28	28
29	3070	D	WOOD S.C.	S.V.	6	WOOD S.C.	1-5/8" X 4-7/8"	305		29	29
30	3070	E	WOOD S.C.	S.V.	1	H.M.	2" X 5-3/4"	301		30	30
31	3070	D	WOOD S.C.	S.V.	1	H.M.	2" X 5-3/4"	301		31	31
32	3070	D	WOOD S.C.	S.V.	1	H.M.	2" X 5-3/4"	301		32	32
33	3070	D	WOOD S.C.	S.V.	1	H.M.	2" X 5-3/4"	301		33	33
34	4970	B	H.M.	P. & P.	1	H.M.	2" X 5-3/4"	301		34	34
35	3070	D	WOOD S.C.	S.V.	1	H.M.	2" X 5-3/4"	301		35	35
36	3070	D	WOOD S.C.	S.V.	1	H.M.	2" X 5-3/4"	301		36	36
37	3070	D	WOOD S.C.	S.V.	1	H.M.	2" X 5-3/4"	301		37	37
38	3070	D	WOOD S.C.	S.V.	1	H.M.	2" X 5-3/4"	301		38	38
39	3070	D	WOOD S.C.	S.V.	1	H.M.	2" X 5-3/4"	301		39	39
40	PR 3070	H	WOOD S.C.	S.V.	3	WOOD S.C.	1-5/8" X 4-7/8"	305		40	40
41	PR 3070	H	WOOD S.C.	S.V.	3	WOOD S.C.	1-5/8" X 4-7/8"	305		41	41
42	PR 3070	H	WOOD S.C.	S.V.	3	WOOD S.C.	1-5/8" X 4-7/8"	305		42	42
43	3070	D	WOOD S.C.	S.V.	1	H.M.	2" X 5-3/4"	301		43	43
44	3070	D	WOOD S.C.	S.V.	1	H.M.	2" X 5-3/4"	301		44	44
45	3070	D	WOOD S.C.	S.V.	1	H.M.	2" X 5-3/4"	301		45	45
46	3070	D	WOOD S.C.	S.V.	1	H.M.	2" X 5-3/4"	301		46	46
47	PR 3070	H	WOOD S.C.	S.V.	5	WOOD S.C.	1-5/8" X 4-7/8"	305		47	47
48	3070	D	WOOD S.C.	S.V.	6	WOOD S.C.	1-5/8" X 4-7/8"	305		48	48
49	3070	D	WOOD S.C.	S.V.	6	WOOD S.C.	1-5/8" X 4-7/8"	305		49	49
50	3070	D	WOOD S.C.	S.V.	6	WOOD S.C.	1-5/8" X 4-7/8"	305		50	50
51	3070	D	WOOD S.C.	S.V.	1	H.M.	2" X 5-3/4"	301		51	51
52	3070	D	WOOD S.C.	S.V.	1	H.M.	2" X 5-3/4"	301		52	52
53	PR 3070	D	WOOD S.C.	S.V.	3	WOOD S.C.	1-5/8" X 4-7/8"	305		53	53
54	3070	D	WOOD S.C.	S.V.	6	WOOD S.C.	1-5/8" X 4-7/8"	305		54	54
55	3070	D	WOOD S.C.	S.V.	6	WOOD S.C.	1-5/8" X 4-7/8"	305		55	55
56	3070	D	WOOD S.C.	S.V.	6	WOOD S.C.	1-5/8" X 4-7/8"	305		56	56
57	3070	D	WOOD S.C.	S.V.	6	WOOD S.C.	1-5/8" X 4-7/8"	305		57	57
58	3070	D	WOOD S.C.	S.V.	6	WOOD S.C.	1-5/8" X 4-7/8"	305		58	58
59	3070	D	WOOD S.C.	S.V.	6	WOOD S.C.	1-5/8" X 4-7/8"	305		59	59
60	3070	D	WOOD S.C.	S.V.	6	WOOD S.C.	1-5/8" X 4-7/8"	305		60	60
61	PR 3070	E	WOOD S.C.	S.V.	3	WOOD S.C.	1-5/8" X 4-7/8"	305		61	61
62	3070	D	WOOD S.C.	S.V.	6	WOOD S.C.	1-5/8" X 4-7/8"	305		62	62
63	3070	D	WOOD S.C.	S.V.	6	WOOD S.C.	1-5/8" X 4-7/8"	305		63	63
64	3070	D	WOOD S.C.	S.V.	6	WOOD S.C.	1-5/8" X 4-7/8"	305		64	64
65	3070	D	WOOD S.C.	S.V.	6	WOOD S.C.	1-5/8" X 4-7/8"	305		65	65
66	3070	D	WOOD S.C.	S.V.	6	WOOD S.C.	1-5/8" X 4-7/8"	305		66	66
67	3070	D	WOOD S.C.	S.V.	6	WOOD S.C.	1-5/8" X 4-7/8"	305		67	67
68	3070	D	WOOD S.C.	S.V.	6	WOOD S.C.	1-5/8" X 4-7/8"	305		68	68
69	3070	D	WOOD S.C.	S.V.	6	WOOD S.C.	1-5/8" X 4-7/8"	305		69	69
70	PR 3070	E	WOOD S.C.	S.V.	5	WOOD S.C.	1-5/8" X 4-7/8"	305		70	70
71	3070	D	WOOD S.C.	S.V.	6	WOOD S.C.	1-5/8" X 4-7/8"	305		71	71
71A	3070	D	WOOD S.C.	S.V.	6	WOOD S.C.	1-5/8" X 4-7/8"	305		71A	71A
72	3070	D	WOOD S.C.	S.V.	6	WOOD S.C.	1-5/8" X 4-7/8"	305		72	72
73	3070	D	WOOD S.C.	S.V.	6	WOOD S.C.	1-5/8" X 4-7/8"	305		73	73
74	3070	D	WOOD S.C.	S.V.	6	WOOD S.C.	1-5/8" X 4-7/8"	305		74	74
75	3070	D	WOOD S.C.	S.V.	6	WOOD S.C.	1-5/8" X 4-7/8"	305		75	75
76	4970	B	H.M.	P. & P.	1	H.M.	2" X 5-3/4"	301		76	76
77	3070	D	WOOD S.C.	S.V.	1	H.M.	2" X 5-3/4"	301		77	77
78	4970	D	WOOD S.C.	S.V.	1	H.M.	2" X 5-3/4"	301		78	78
79	3070	D	WOOD S.C.	S.V.	1	H.M.	2" X 5-3/4"	301		79	79
80	3070	D	WOOD S.C.	S.V.	1	H.M.	2" X 5-3/4"	301		80	80
81	3070	D	WOOD S.C.	S.V.	1	H.M.	2" X 5-3/4"	301		81	81
82	3070	D	WOOD S.C.	S.V.	1	H.M.	2" X 5-3/4"	301		82	82
83	3070	E	WOOD S.C.	S.V.	1	H.M.	2" X 5-3/4"	301		83	83
84	3070	E	WOOD S.C.	S.V.	1	H.M.	2" X 5-3/4"	301		84	84
84A	4970	D	WOOD S.C.	S.V.	1	H.M.	2" X 5-3/4"	301		84A	84A

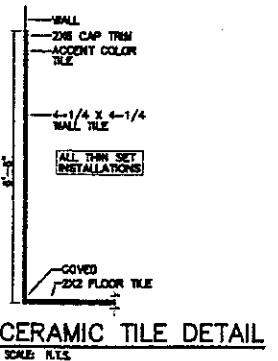
PR=PAIR P. & P.=PRIME & PAINT S.C.=SOLID CORE H.C.=HOLLOW CORE S.V.=STAIN/VARNISH

2ND FLOOR DOOR SCHEDULE

DOOR MARK	DOOR SIZE	DOOR TYPE	DOOR MATERIAL	DOOR FINISH	DOOR FRAME MATERIAL	DOOR FRAME FINISH	FRAME SIZE	FIN. RATED	DETAILS	HW. SET #	DOOR MARK
84B	3070	D	WOOD S.C.	S.V.	1	H.M.	2" X 5-3/4"	301		84B	84B
84C	3070	D	WOOD S.C.	S.V.	1	H.M.	2" X 5-3/4"	301		84C	84C
84D	3070	E	WOOD S.C.	S.V.	1	H.M.	2" X 5-3/4"	301		84D	84D
84E	3070	E	WOOD S.C.	S.V.	1	H.M.	2" X 5-3/4"	301		84E	84E
84F	3070	D	WOOD S.C.	S.V.	1	H.M.	2" X 5-3/4"	301		84F	84F
84G	3070	D	WOOD S.C.	S.V.	1	H.M.	2" X 5-3/4"	301		84G	84G
84H	3070	D	WOOD S.C.	S.V.	1	H.M.	2" X 5-3/4"	301		84H	84H
84I	3070	D	WOOD S.C.	S.V.	1	H.M.	2" X 5-3/4"	301		84I	84I
84J	3070	D	WOOD S.C.	S.V.	1	H.M.	2" X 5-3/4"	301		84J	84J
84K	3070	E	WOOD S.C.	S.V.	1	H.M.	2" X 5-3/4"	301		84K	84K
84L	3070	D	WOOD S.C.	S.V.	1	H.M.	2" X 5-3/4"	301		84L	84L
84M	3070	D	WOOD S.C.	S.V.	1	H.M.	2" X 5-3/4"	301		84M	84M
84N	3070	D	WOOD S.C.	S.V.	1	H.M.	2" X 5-3/4"	301		84N	84N
84O	3070	D	WOOD S.C.	S.V.	1	H.M.	2" X 5-3/4"	301		84O	84O
84P	3070	D	WOOD S.C.	S.V.	1	H.M.	2" X 5-3/4"	301		84P	84P
84Q	3070	D	WOOD S.C.	S.V.	1	H.M.	2" X 5-3/4"	301		84Q	84Q
84R	3070	D	WOOD S.C.	S.V.	1	H.M.	2" X 5-3/4"	301		84R	84R
84S	3070	D	WOOD S.C.	S.V.	1	H.M.	2" X 5-3/4"	301		84S	84S
85	3070	D	WOOD S.C.	S.V.	1	H.M.	2" X 5-3/4"	301		85	85
86	3070	E	WOOD S.C.	S.V.	1	H.M.	2" X 5-3/4"	301		86	86
87	3070	D	WOOD S.C.	S.V.	1	H.M.	2" X 5-3/4"	301		87	87
88	3070	D	WOOD S.C.	S.V.	1	H.M.	2" X 5-3/4"	301		88	88
89	3070	D	WOOD S.C.	S.V.	1	H.M.	2" X 5-3/4"	301		89	89
90	3070	D	WOOD S.C.	S.V.	1	H.M.	2" X 5-3/4"	301		90	90
91	3070	D	WOOD S.C.	S.V.	1	H.M.	2" X 5-3/4"	301		91	91
92	3070	E	WOOD S.C.	S.V.	1	H.M.	2" X 5-3/4"	301		92	92
93	3070	E	WOOD S.C.	S.V.	1	H.M.	2" X 5-3/4"	301		93	93
94	3070	D	WOOD S.C.	S.V.	1	H.M.	2" X 5-3/4"	301		94	94
95	3070	D	WOOD S.C.	S.V.	1	H.M.	2" X 5-3/4"	301		95	95
96	3070	D	WOOD S.C.	S.V.	1	H.M.	2" X 5-3/4"	301		96	96
97											

FIXTURE MOUNTING HEIGHT SCHEDULE

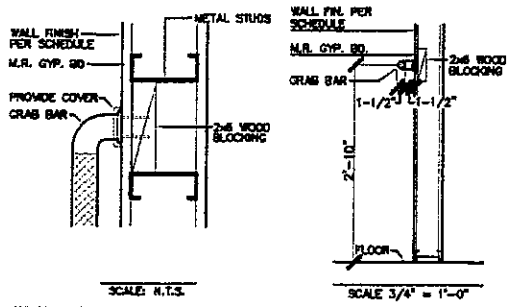
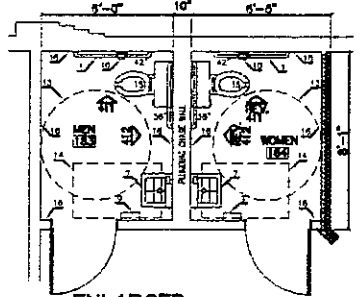
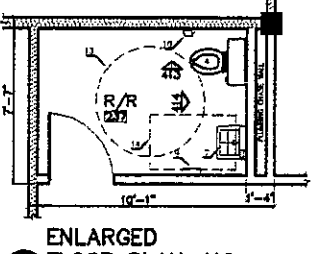
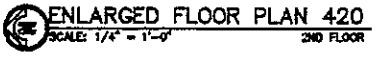
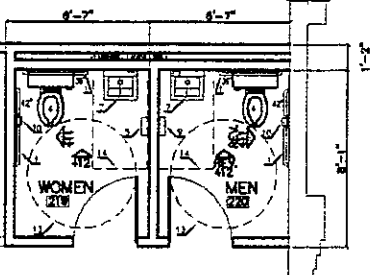
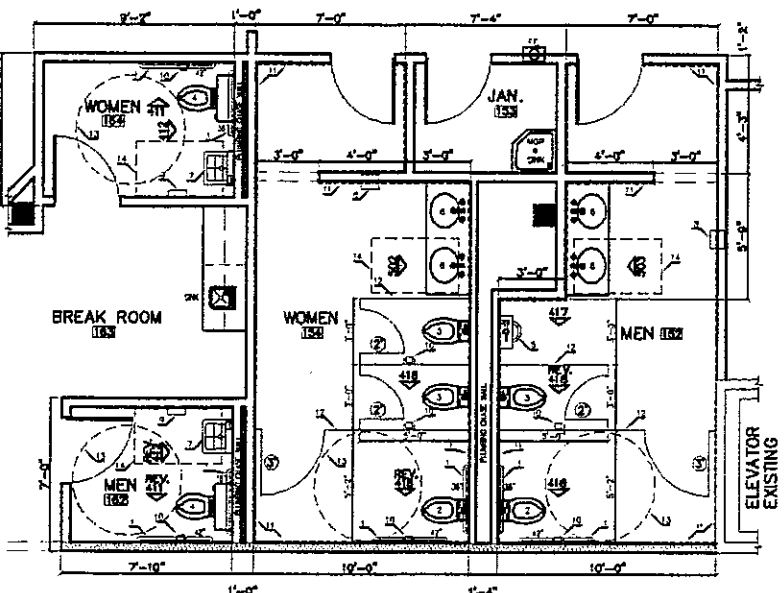
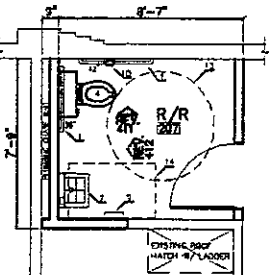
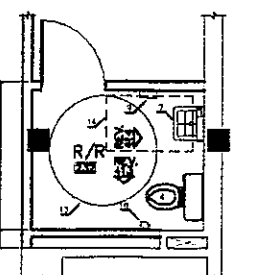
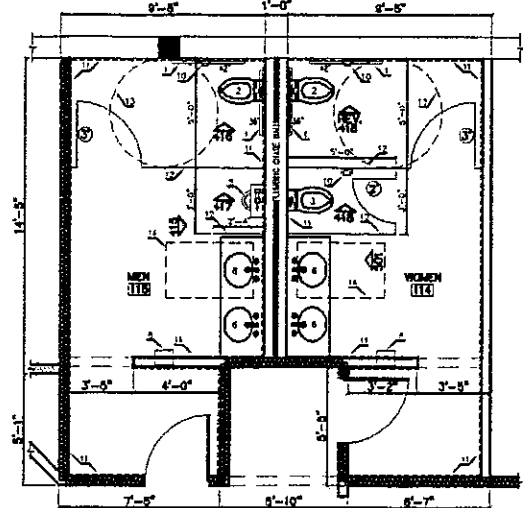
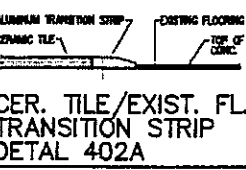
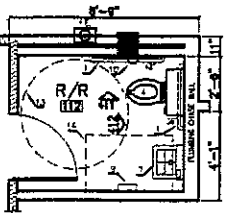
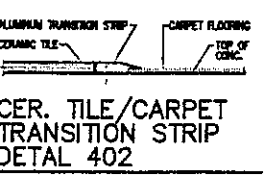
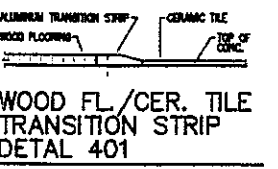
- LAVATORIES (MEASURED FROM FLOOR TO FIN)
 - ADULTS = 36"
 - HANDICAPPED = 36" MAX.(28" MIN. KNEESPACE)
- URINALS (MEASURED FROM FLOOR TO FIN)
 - ADULTS = 24"
 - HANDICAPPED = 17"
- WATER CLOSETS (MEASURED FROM FLOOR TO TOP OF SEAT)
 - ADULTS = 15"
 - HANDICAPPED = 17" TO 18"
- DRINKING FOUNTAINS AND ENC' (MEASURED FROM FLOOR TO SPOUT OUTLET)
 - ADULTS = 42"
 - HANDICAPPED = 36" MAX.(27" MIN. KNEESPACE)
- HANDICAPPED GRAB BARS (MEASURED FROM FLOOR TO CENTERLINE OF BAR)
 - ADULTS = 33"-35"
 - HANDICAPPED = 33"-35"
- PAPER TOWEL DISPENSER (MEASURED FROM FLOOR TO TOWEL SLOT)
 - ADULTS = 44"
 - HANDICAPPED = 42"
- TOILET TISSUE DISPENSER (MEASURED FROM FLOOR TO CENTERLINE OF ROLL)
 - ADULTS = 20"
 - HANDICAPPED = 42"
- SOAP DISPENSER (MEASURED FROM FLOOR TO CENTER LINE OF PUSH BUTTON)
 - ADULTS = 42"
 - HANDICAPPED = 42"
- FEMINE NAPKIN VENDOR (MEASURED FROM FLOOR TO COIN SLOT)
 - ADULTS = 47"
 - HANDICAPPED = 47"
- FEMINE NAPKIN DISPOSAL (MEASURED FROM FLOOR TO TOP OF UNIT)
 - ADULTS = 47"
 - HANDICAPPED = 47"
- MIRRORS (MEASURED FROM FLOOR TO BOTTOM OF MIRROR)
 - ADULTS = 40"
 - HANDICAPPED = 40"
- HAND DRYER (MEASURED FROM FLOOR TO MOTOR CENTER)
 - ADULTS = 44"
 - HANDICAPPED = 44"



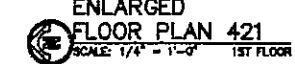
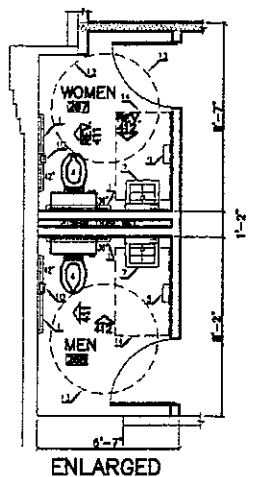
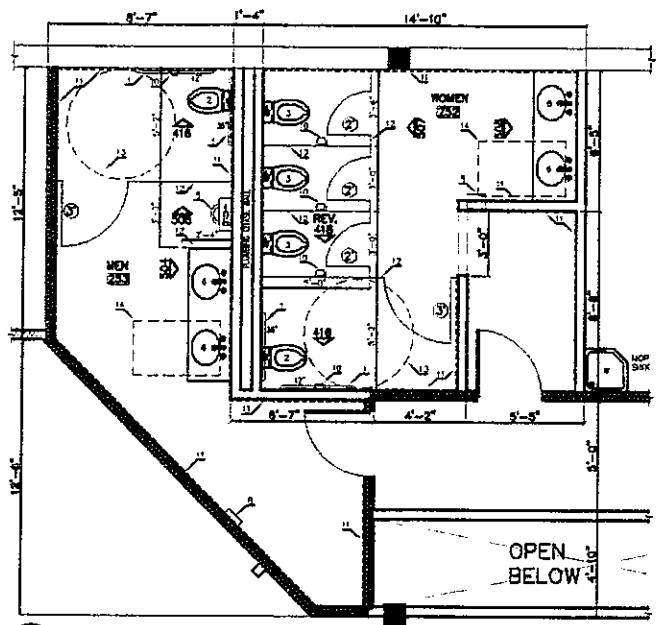
NOTES:

- HOP. GRAB BAR
- HOP. ACCESSIBLE FLUSH-VALVE TYPE WATER CLOSET (FLUSH CENTER)
- FLUSH-VALVE TYPE WATER CLOSET (FLUSH CENTER)
- HOP. TANK TYPE WATER CLOSET
- URINAL (FLUSH CENTER)
- LAVATORY (MOTION CENTER)
- LAVATORY
- HAND DRYER (MOTION CENTER)
- PAPER TOWEL DISPENSER
- TOILET PAPER HOLDER
- 11'-6"-8" HIGH 4"x4" CERAMIC TILE WANSBOT W/ 2"x8" TRIM; TAPE, FLOAT, TEXTURE & PAINT MOISTURE RESISTANT GYPSUM BOARD ABOVE.
- PLASTIC LAMINATE COMPARTMENT
- 3" DIAMETER H.C. TURNING RADIUS
- 14'-30"x48" H.C. CLEAR AREA (LAVATORY)
- EXISTING HOP. WATER CLOSET, CLEAN
- CLEAR EXISTING CERAMIC TILE WANSBOT, PAINT GYP. BD. ABOVE.

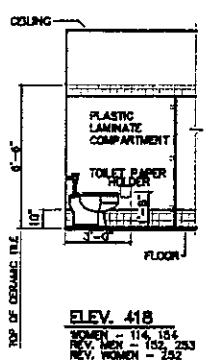
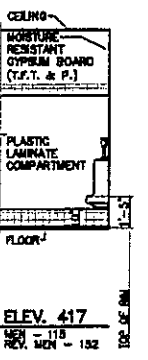
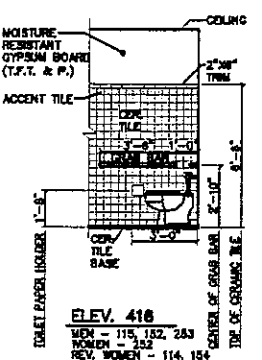
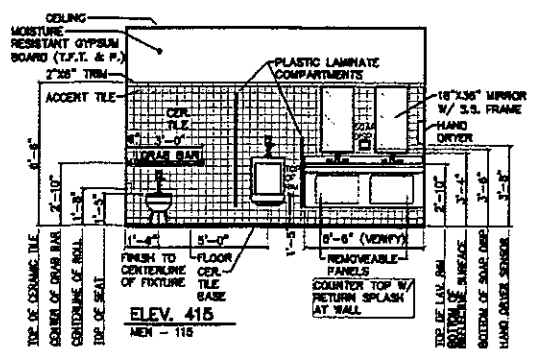
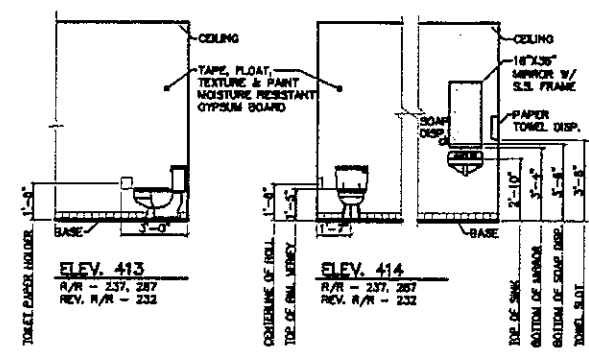
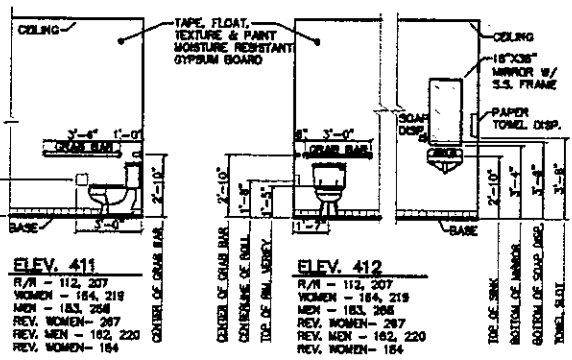
HANDICAP DIMENSIONS FROM "WSDC" WALL FINISHES



NO BLOCKING REQUIRED AT CURB WALLS

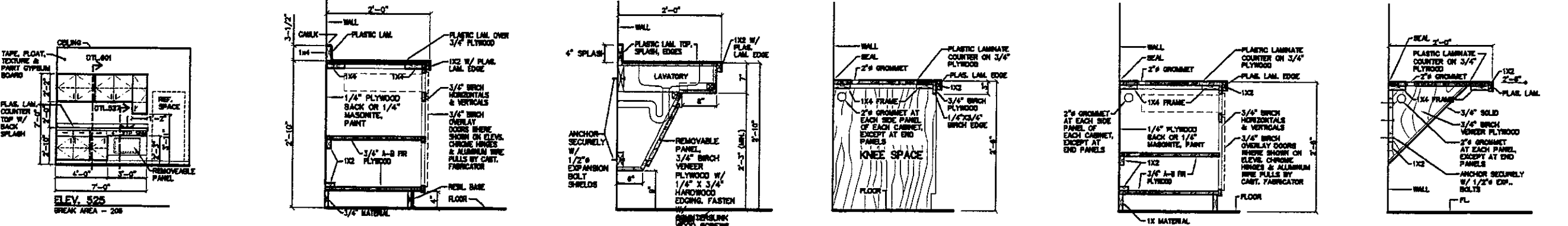
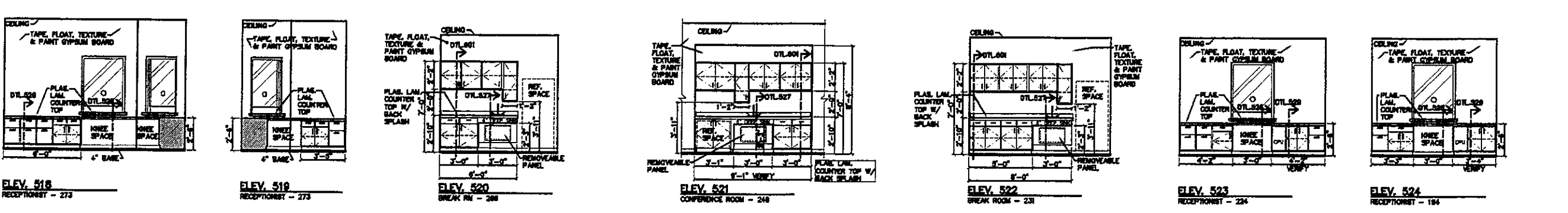
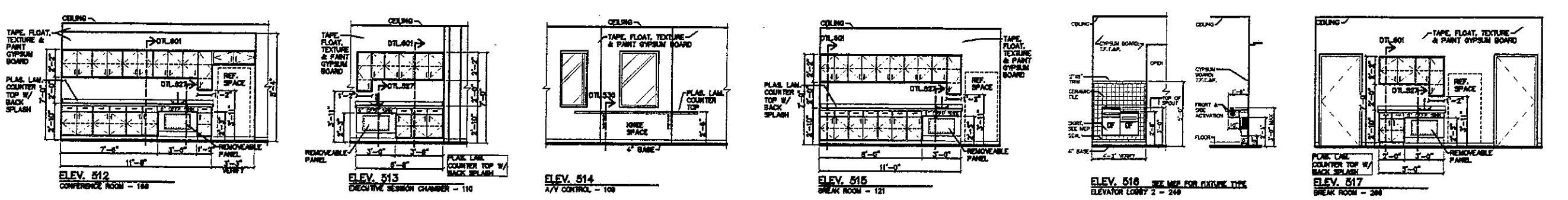
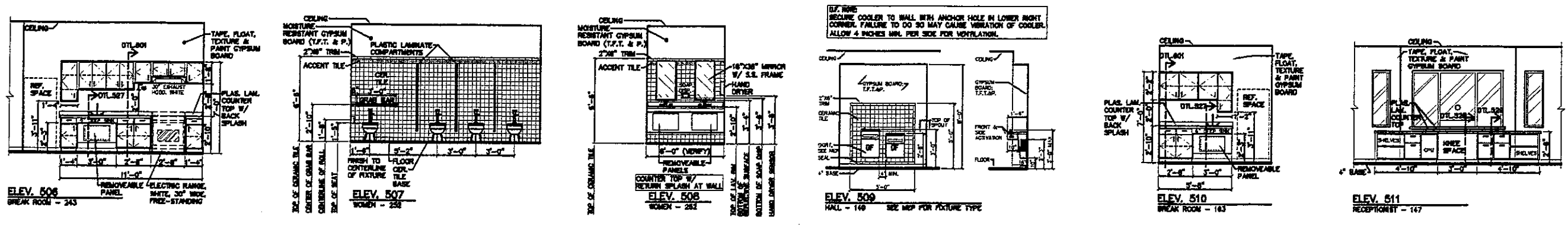
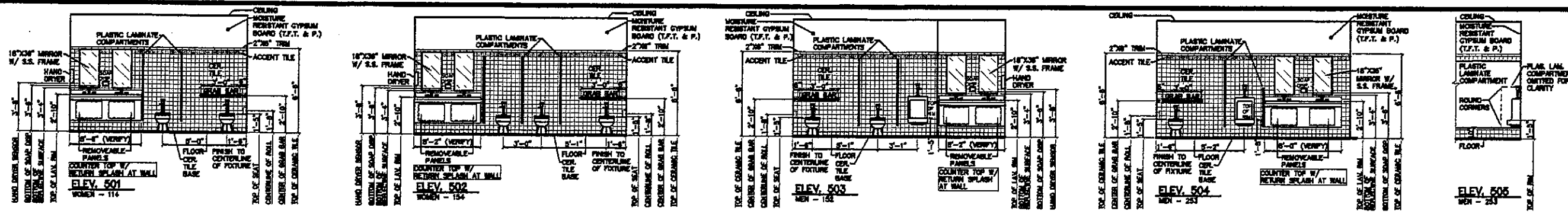


GENERAL NOTE:
EXPOSED PIPES AND SURFACES, HOT WATER AND DRAIN PIPES UNDER LAVATORIES SHALL BE INSULATED OR OTHERWISE CONFIGURED TO PROTECT AGAINST CONTACT. THERE SHALL BE NO SHARP OR ABRASIVE SURFACES UNDER LAVATORIES (TYP.).



THE USE OF THESE DRAWINGS IS RESTRICTED TO THE ORIGINAL PURPOSE FOR WHICH THEY WERE INTENDED. REPRODUCTION WITHOUT WRITTEN PERMISSION FROM THE OWNER IS PROHIBITED.

PROJECT #
ISSUED:
DRAWN BY: O.C.
CHECKED BY:
FILE NAME:
SHEET:



AGA
DESIGN CONSULTING

Alc6ter Garcia Associates, Inc.
Design Consulting
1333 E. Jantline Ave.
McAllen, Texas 78501
Office: 356.618.2007
Fax: 356.618.2008
Web: WWW.AGADFC.COM

1st and 2nd FLOORS REMODEL
FORMER ADMINISTRATION BUILDING
HIDALGO COUNTY, TEXAS
CITY OF EDINBURG, TEXAS

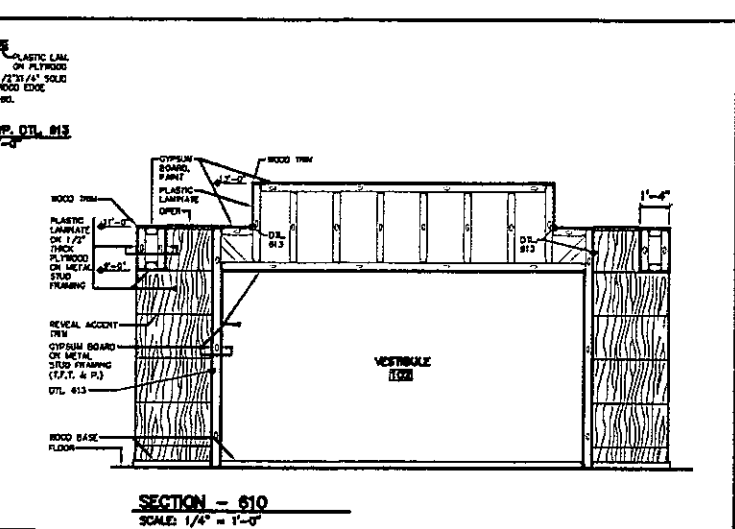
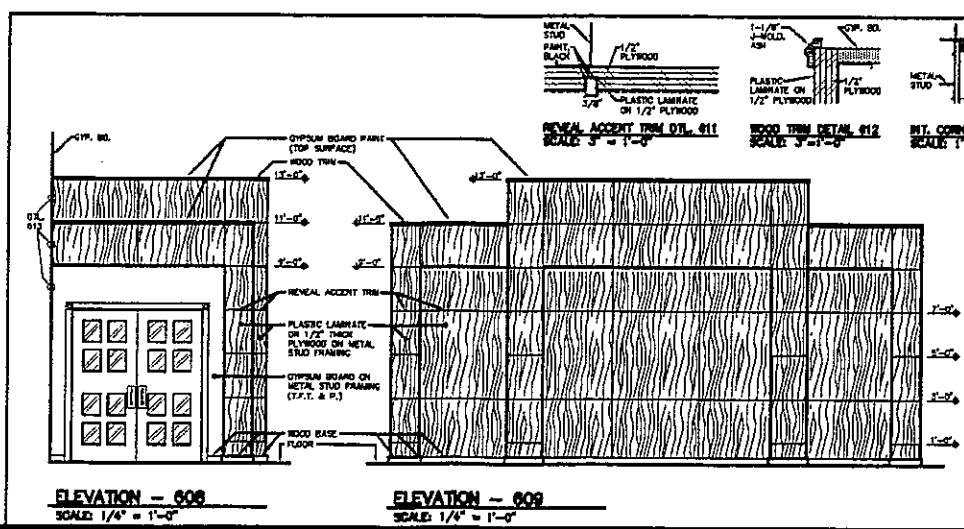
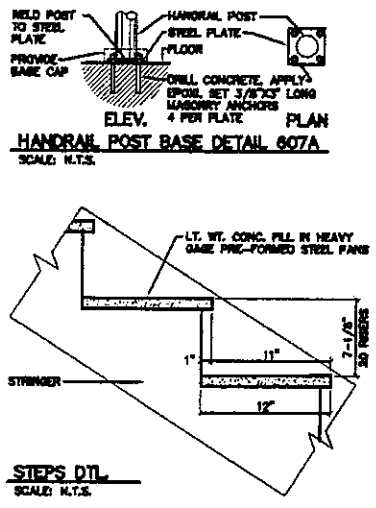
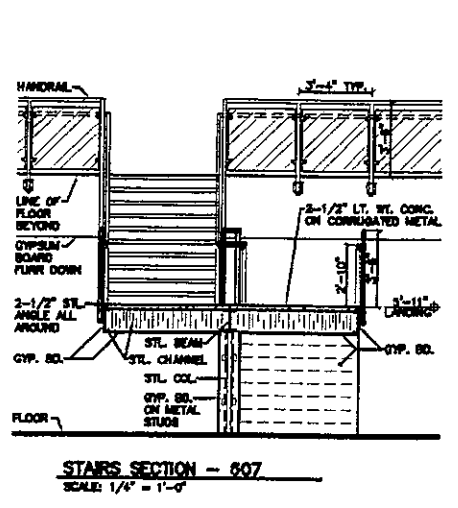
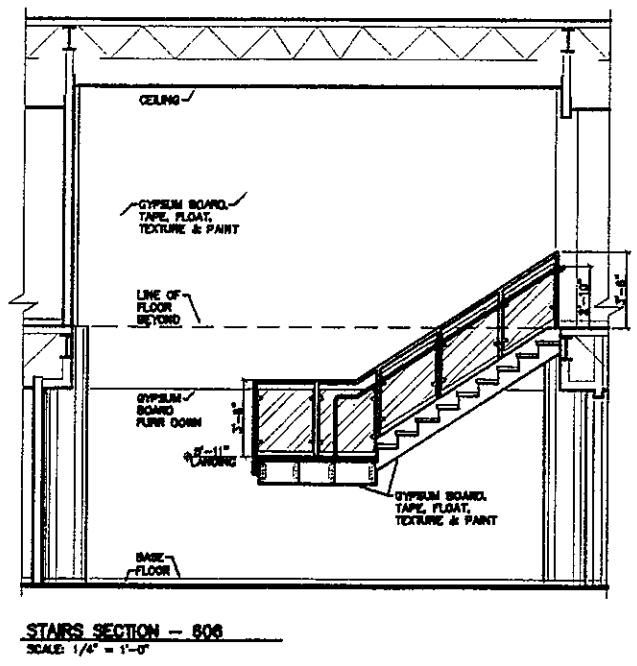
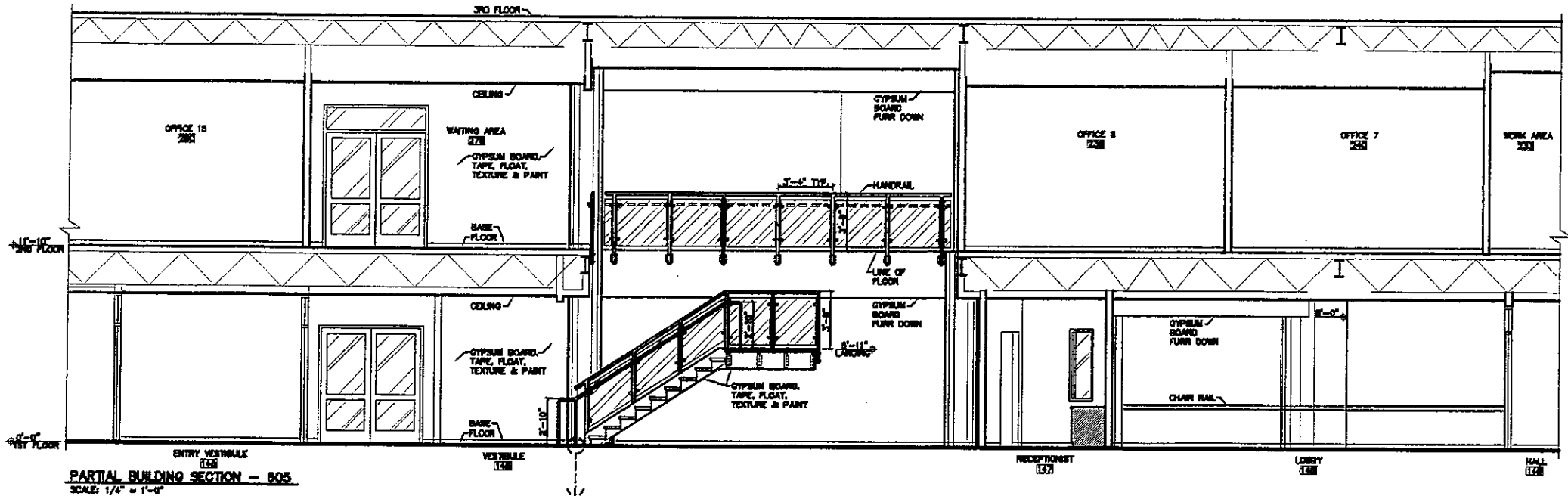
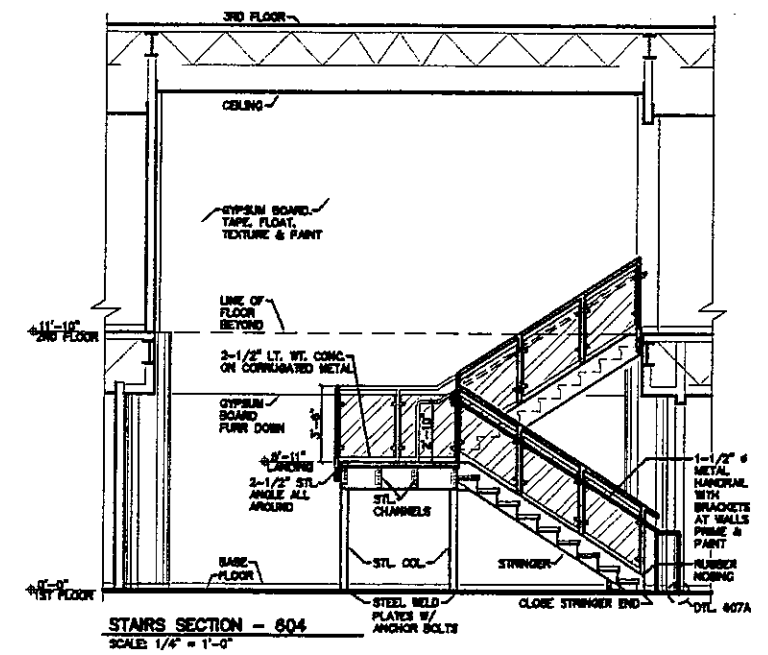
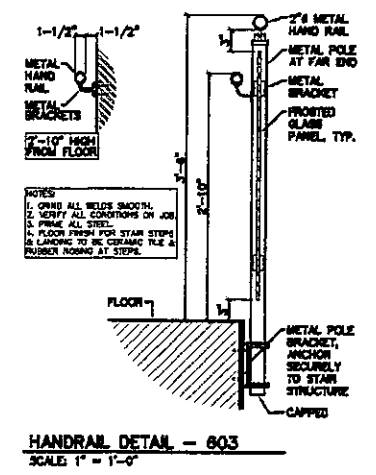
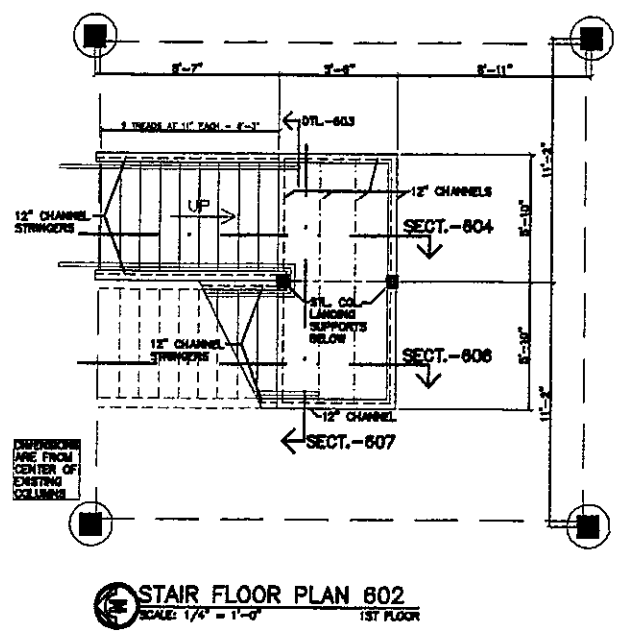
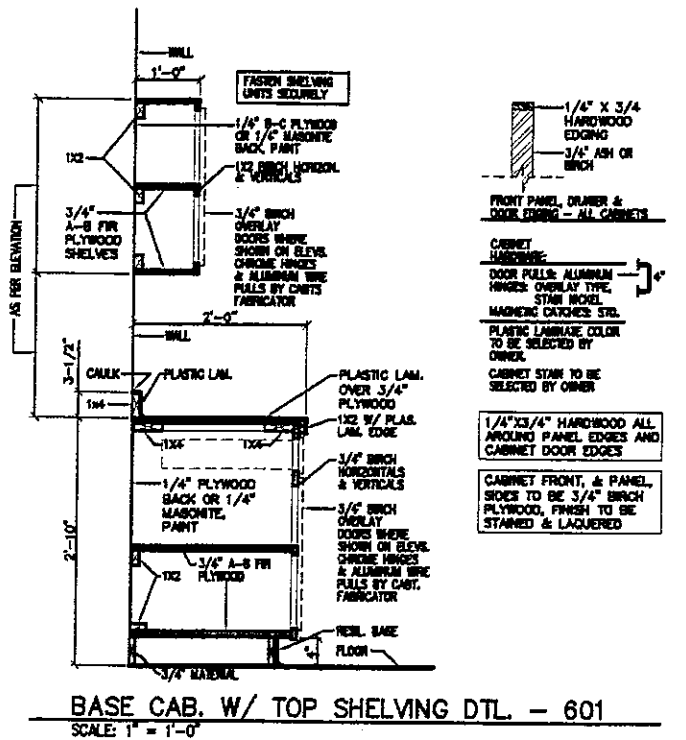
THE USE OF THESE DRAWINGS IS RESTRICTED TO THE ORIGINAL PURPOSE FOR WHICH THEY WERE INTENDED. REPRODUCTION WITHOUT WRITTEN PERMISSION FROM THE OWNER IS PROHIBITED.

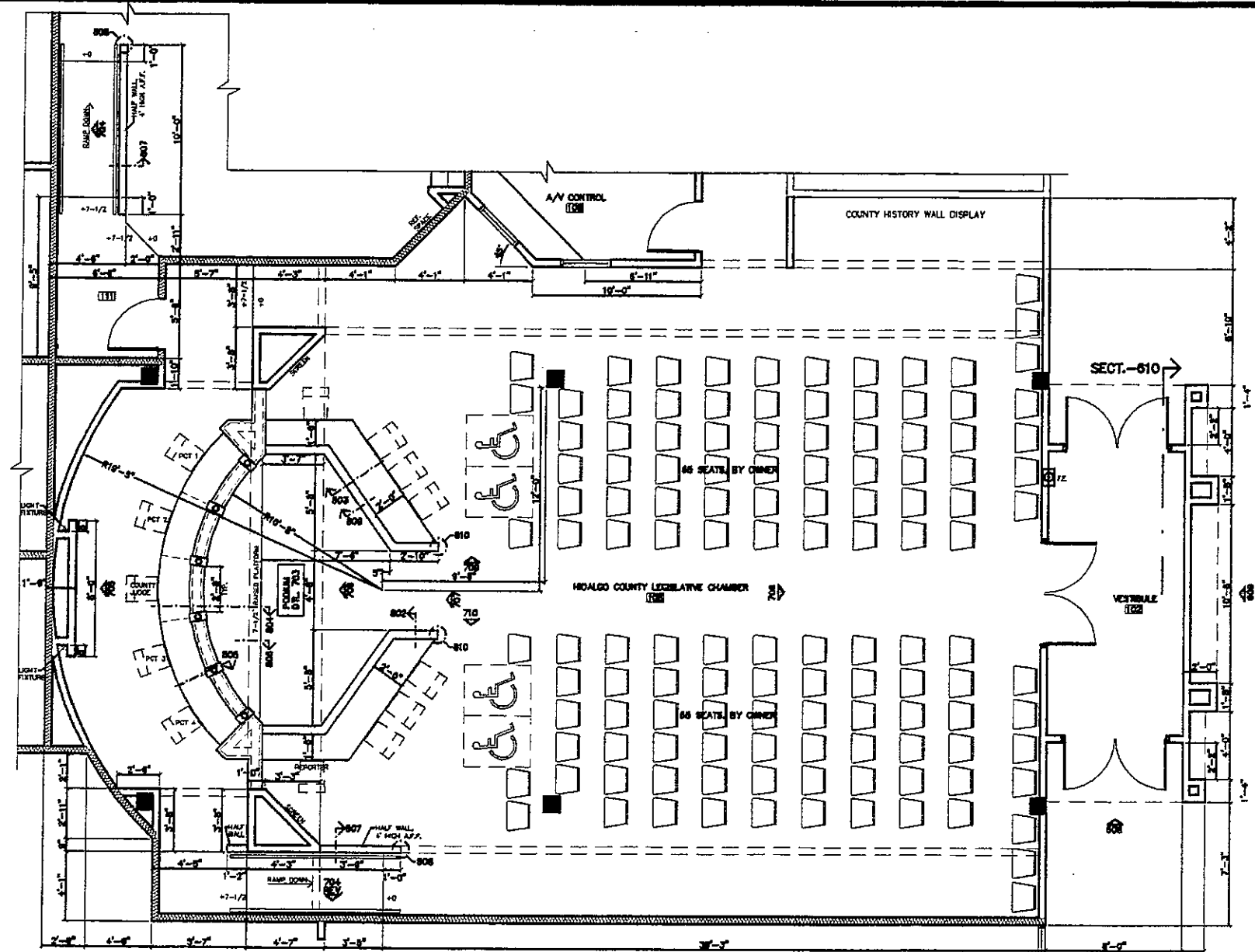
PROJECT #
ISSUED:
DRAWN BY: O.C.
CHECKED BY:
FILE NAME:
SHEET:

1st AND 2nd FLOORS REMODEL
FORMER ADMINISTRATION BUILDING
HIDALGO COUNTY, TEXAS
CITY OF EDINBURG, TEXAS

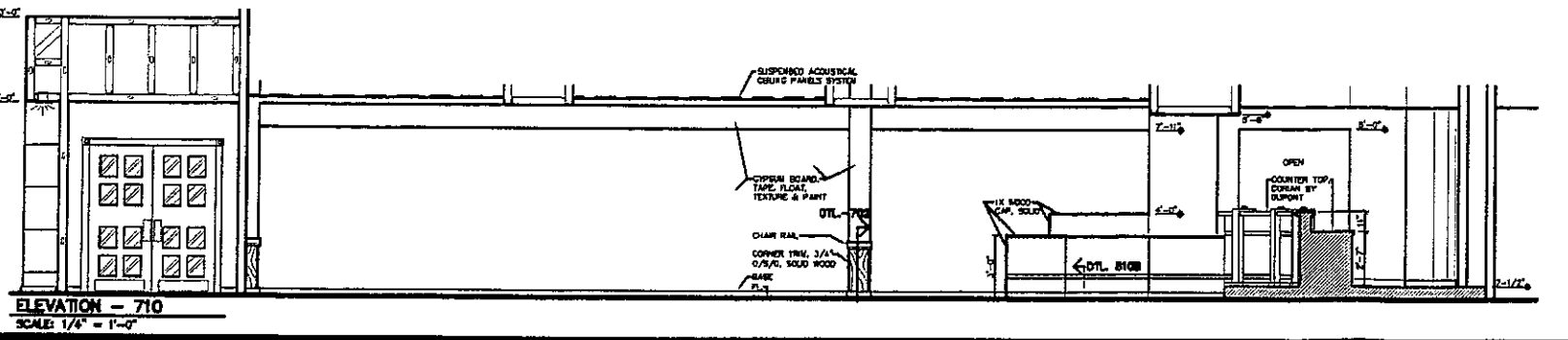
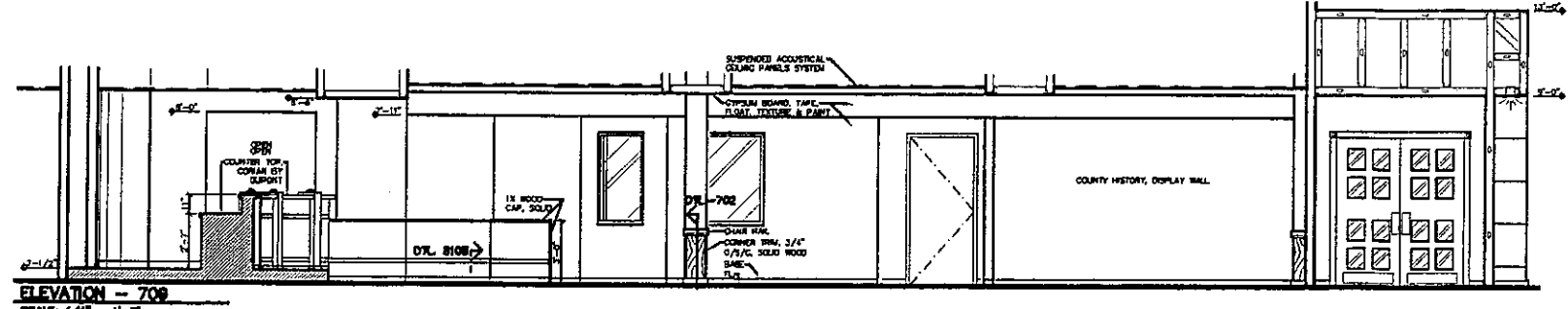
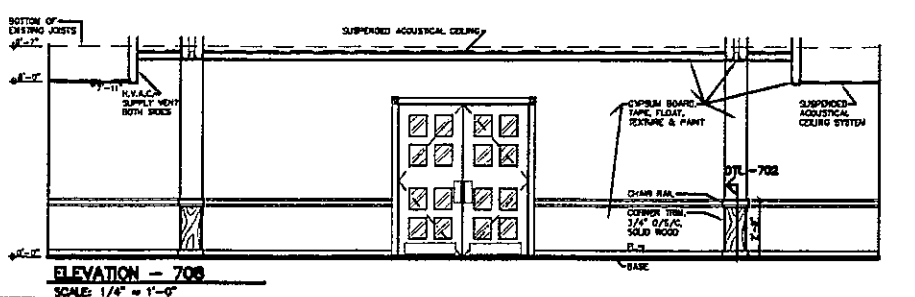
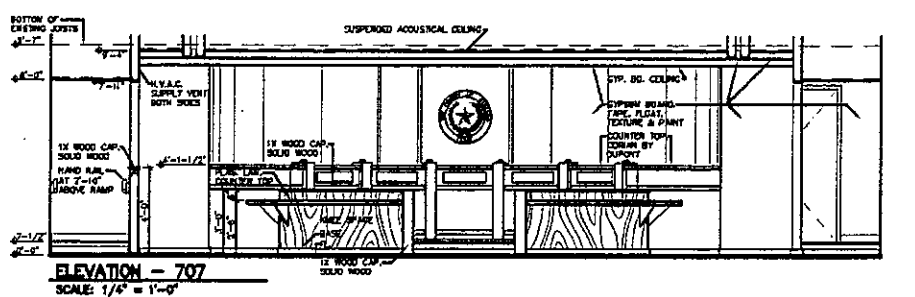
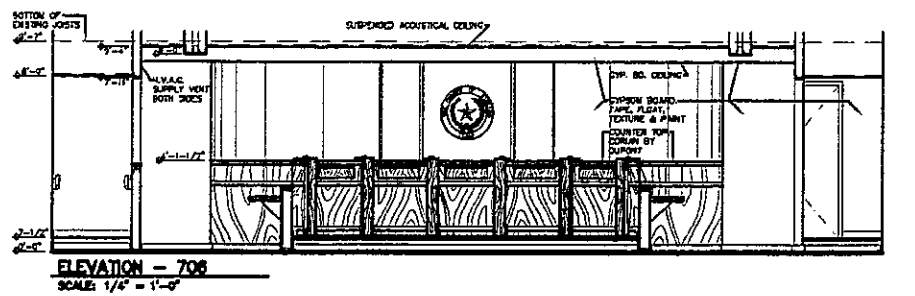
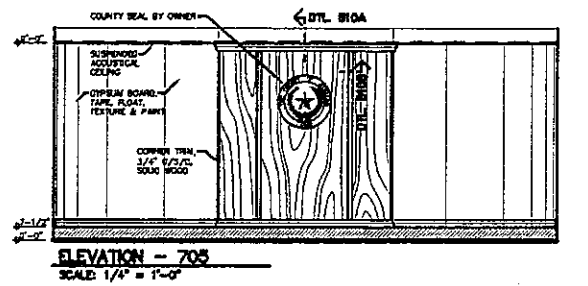
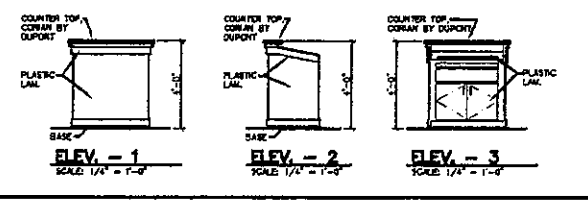
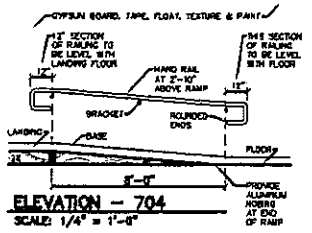
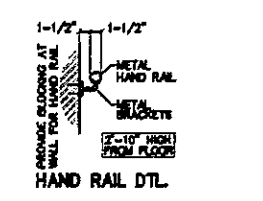
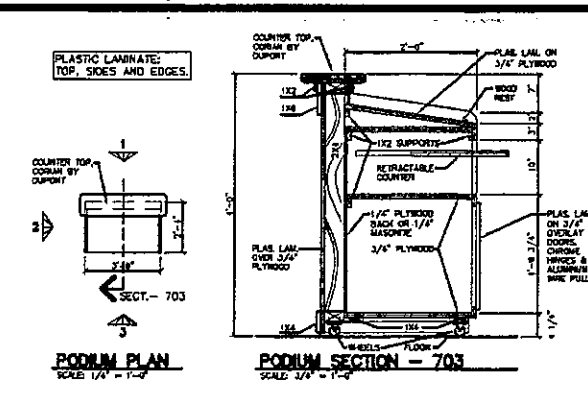
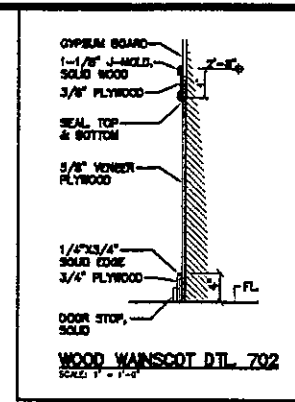
THE USE OF THESE DRAWINGS IS RESTRICTED TO THE ORIGINAL PURPOSE FOR WHICH THEY WERE INTENDED. REPRODUCTION WITHOUT WRITTEN PERMISSION FROM THE OWNER IS PROHIBITED.

PROJECT #
ISSUED:
DRAWN BY: O.C.
CHECKED BY:
FILE NAME:
SHEET:





ENLARGED FLOOR PLAN 701
SCALE: 1/4" = 1'-0"



AGA
DESIGN CONSULTING
Alcacer Garcia Associates, Inc.
Design Consulting
1333 E. Jasmine Ave.
Arlington, Texas 76010
Office: 956.618.2007
Fax: 956.618.2008
Web: WWW.AGADC.COM

1st AND 2nd FLOORS REMODEL
FORMER ADMINISTRATION BUILDING
HIDALGO COUNTY, TEXAS
CITY OF EDINBURG, TEXAS

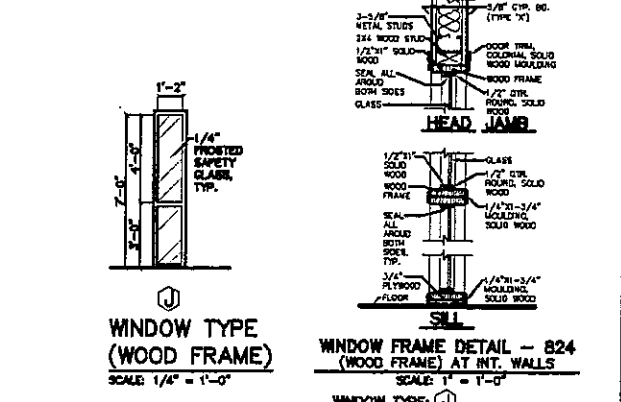
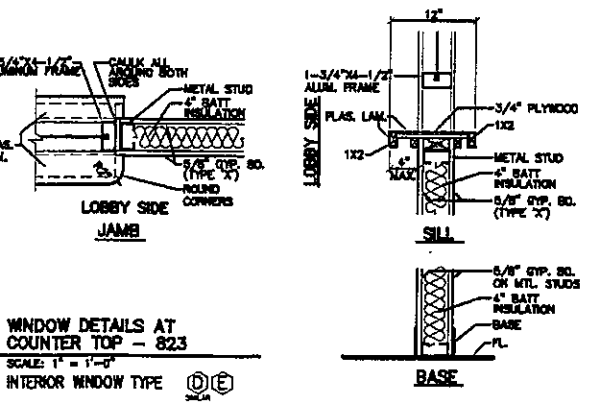
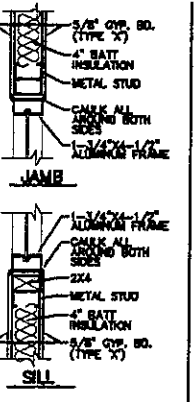
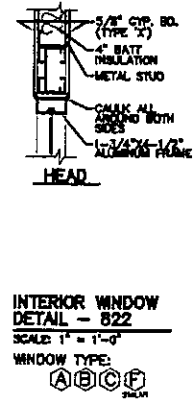
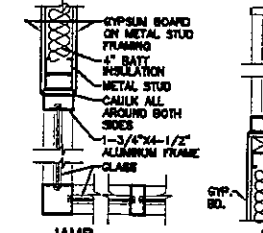
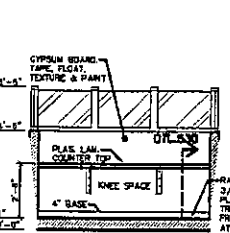
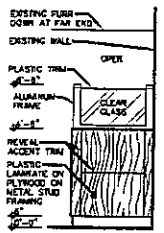
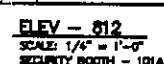
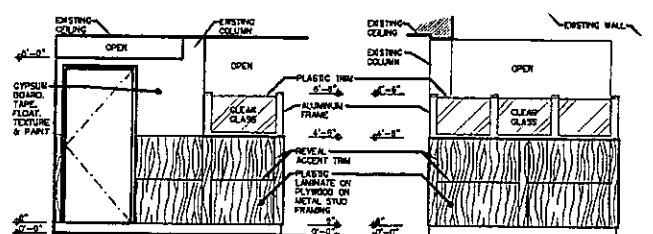
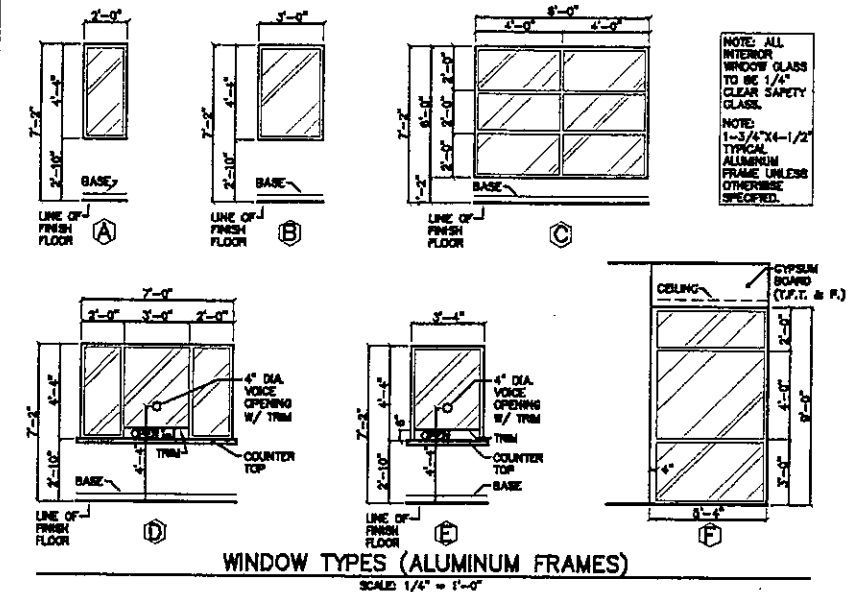
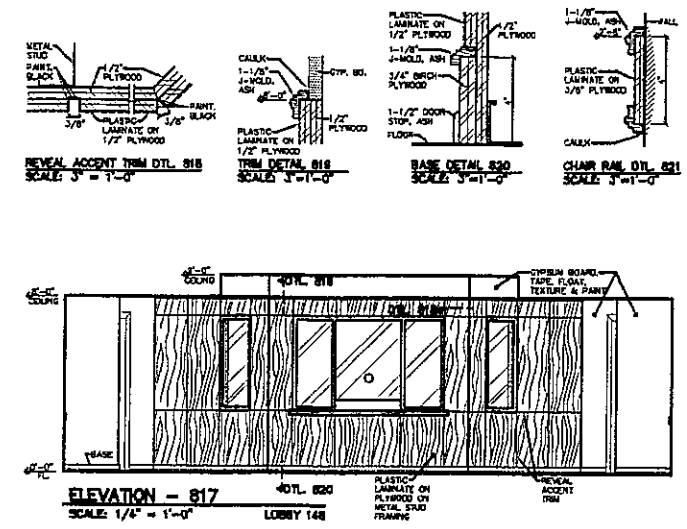
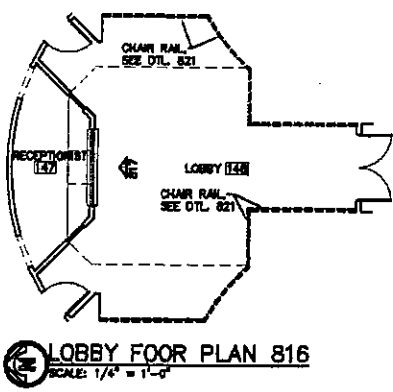
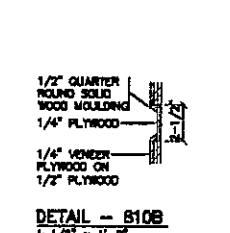
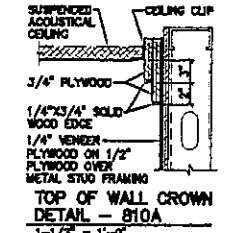
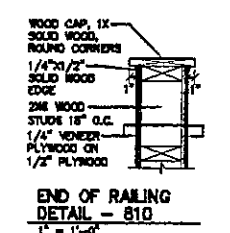
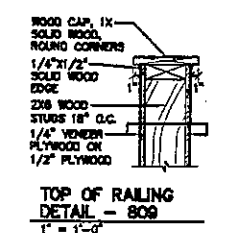
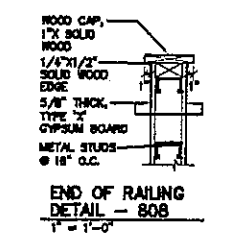
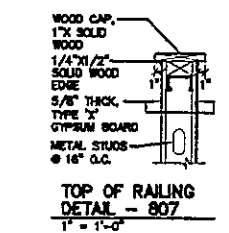
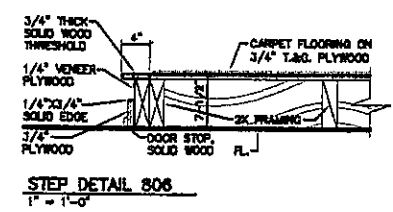
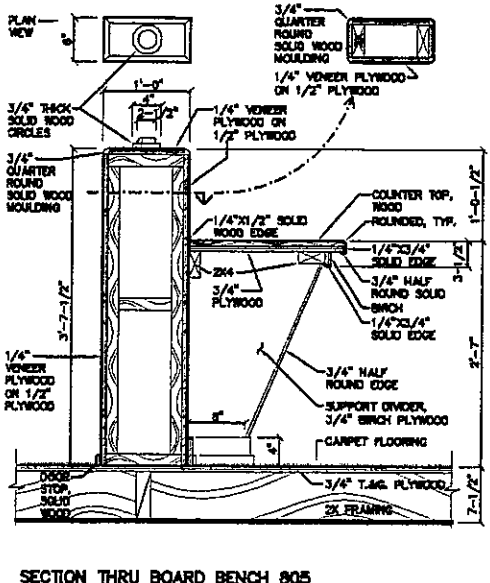
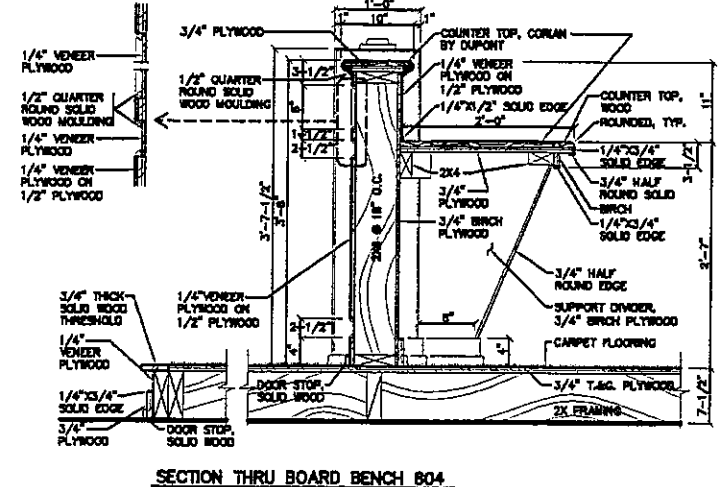
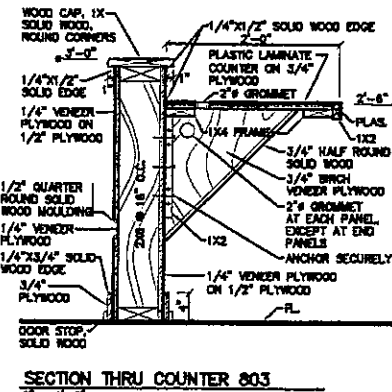
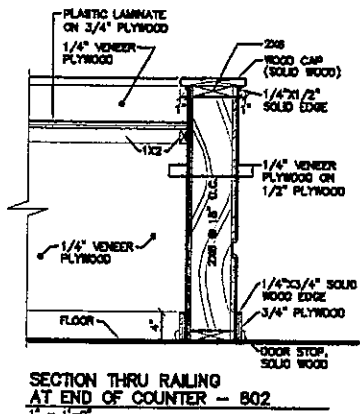
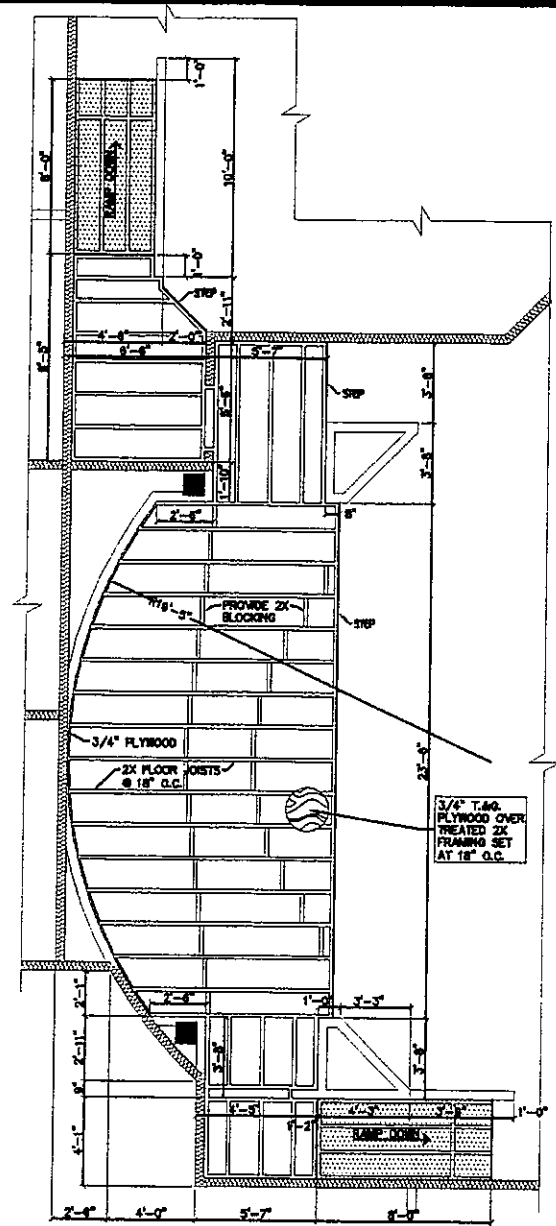
THE USE OF THESE DRAWINGS IS RESTRICTED TO THE ORIGINAL PURPOSE FOR WHICH THEY WERE INTENDED. REPRODUCTION WITHOUT WRITTEN PERMISSION FROM THE OWNER IS PROHIBITED.

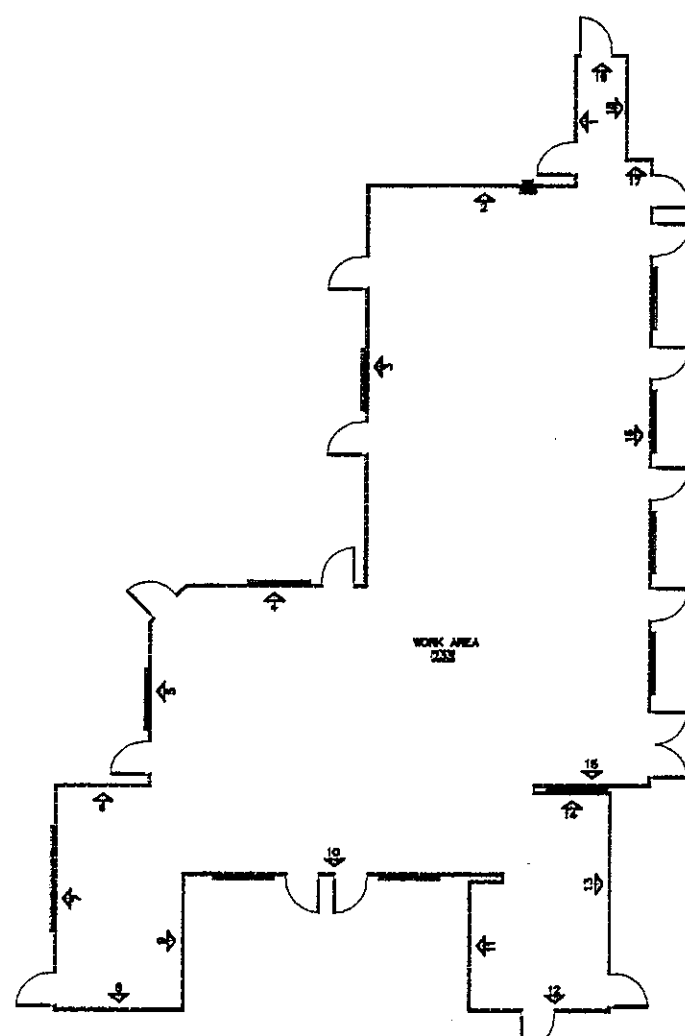
PROJECT #
ISSUED:
DRAWN BY: O.C.
CHECKED BY:
FILE NAME:
SHEET:

1st AND 2nd FLOORS REMODEL
FORMER ADMINISTRATION BUILDING
HIDALGO COUNTY, TEXAS
CITY OF EDINBURG, TEXAS

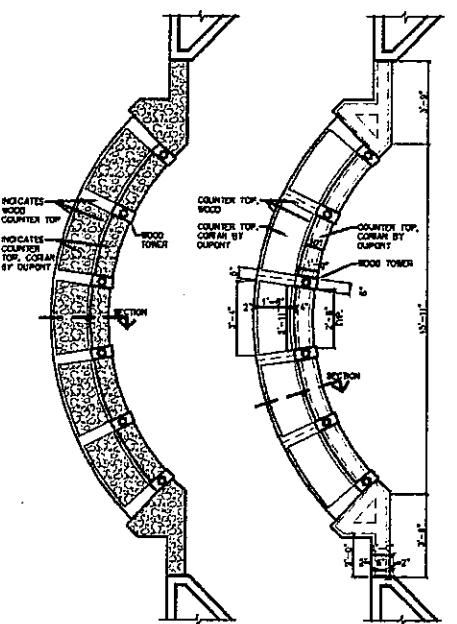
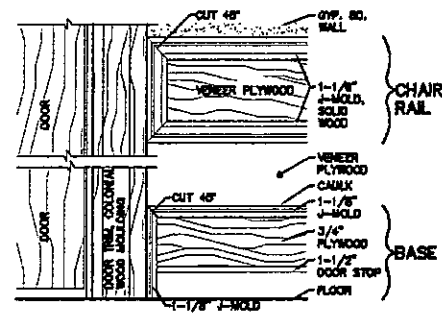
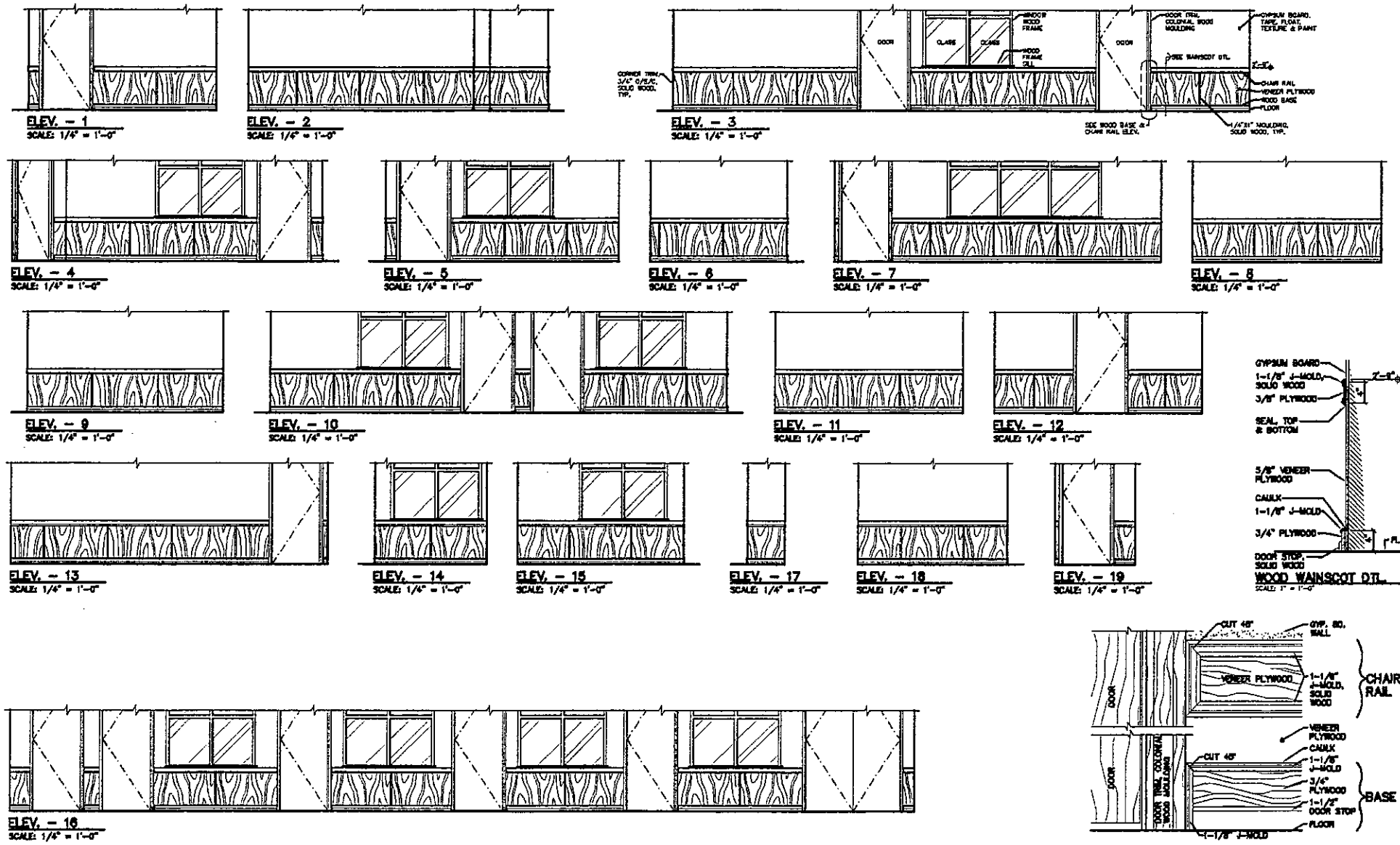
THE USE OF THESE DRAWINGS IS RESTRICTED TO THE ORIGINAL PURPOSE FOR WHICH THEY WERE INTENDED. REPRODUCTION WITHOUT WRITTEN PERMISSION FROM THE OWNER IS PROHIBITED.

PROJECT #
ISSUED:
DRAWN BY: O.C.
CHECKED BY:
FILE NAME:
SHEET:

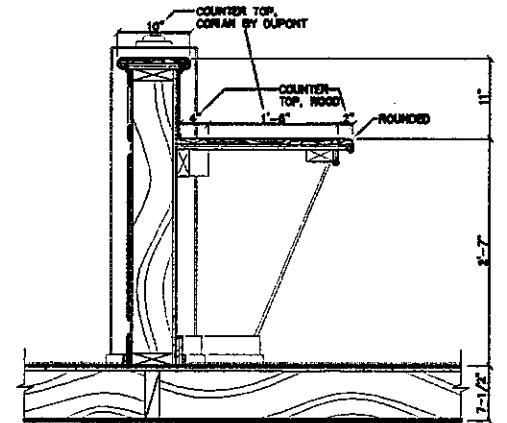




WOOD PANELING WAINSCOT PLAN
SCALE: 1/4" = 1'-0" WORK AREA 233



LEGISLATIVE CHAMBER BENCH COUNTER TOP PLAN
SCALE: 1/4" = 1'-0"



SECTION THRU BOARD BENCH
SCALE: 1/4" = 1'-0"

1st AND 2nd FLOORS REMODEL
FORMER ADMINISTRATION BUILDING
HIDALGO COUNTY, TEXAS
CITY OF EDINBURG, TEXAS

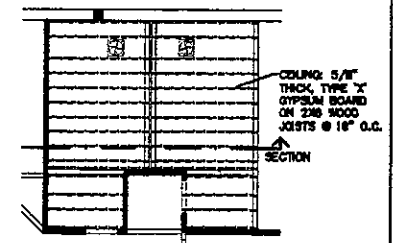
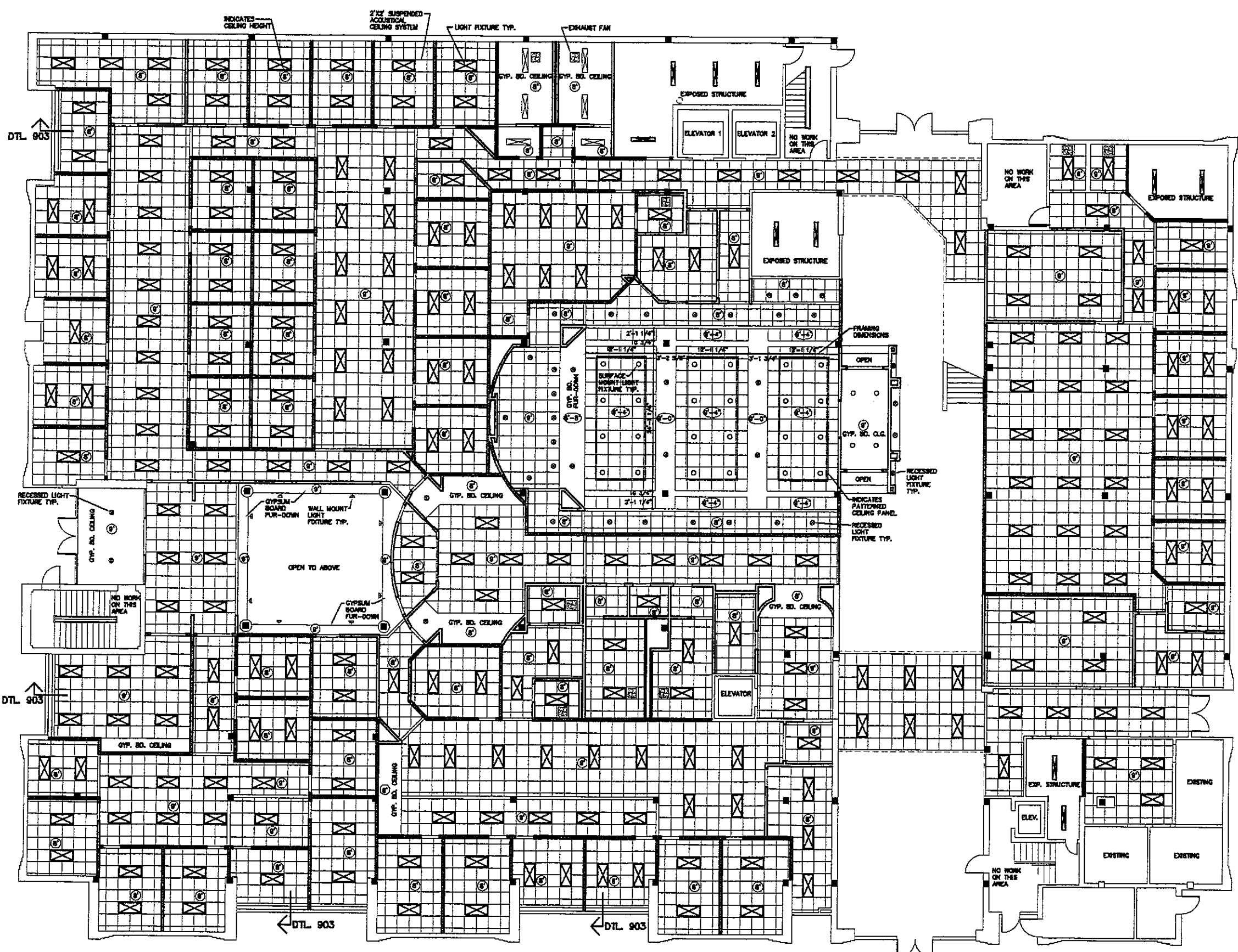
THE USE OF THESE DRAWINGS IS RESTRICTED TO THE ORIGINAL PURPOSE FOR WHICH THEY WERE INTENDED. REPRODUCTION WITHOUT WRITTEN PERMISSION FROM THE OWNER IS PROHIBITED.

PROJECT #	
ISSUED:	
DRAWN BY: G.C.	
CHECKED BY:	
FILE NAME:	
SHEET:	

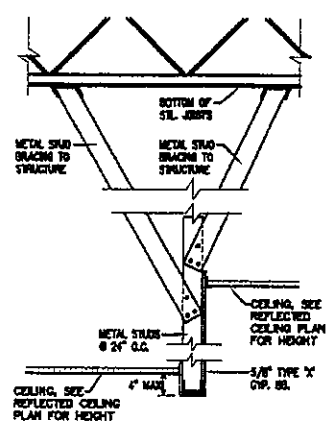
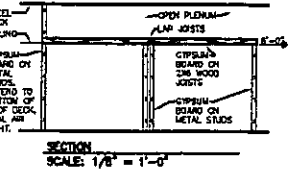
1st AND 2nd FLOORS REMODEL
FORMER ADMINISTRATION BUILDING
HIDALGO COUNTY, TEXAS
CITY OF EDINBURG, TEXAS

THE USE OF THESE DRAWINGS IS RESTRICTED TO THE ORIGINAL PURPOSE FOR WHICH THEY WERE INTENDED. REPRODUCTION WITHOUT WRITTEN PERMISSION FROM THE OWNER IS PROHIBITED.

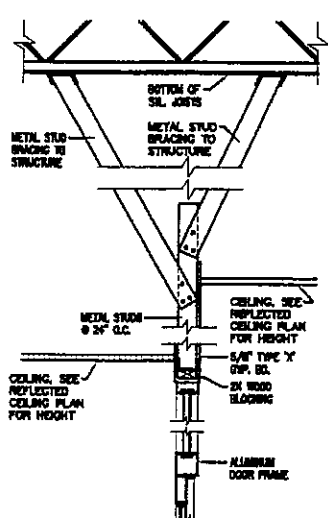
PROJECT #	
ISSUED:	
DRAWN BY: O.C.	
CHECKED BY:	
FILE NAME:	
SHEET:	



GYP. BD. CEILING FRAMING PLAN
SCALE: 1/8" = 1'-0"
R/R - 114 & 116

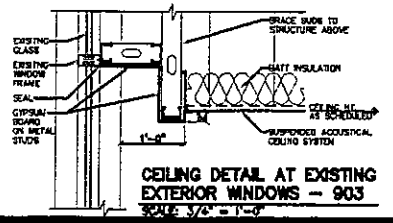


GYP. BD. FURR-DOWN, DETAIL 901
SCALE: 3/4" = 1'-0"

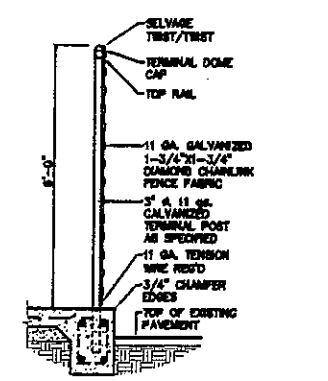
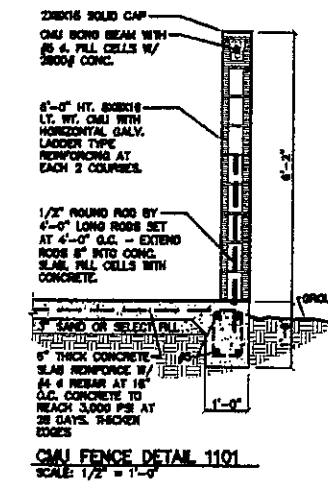
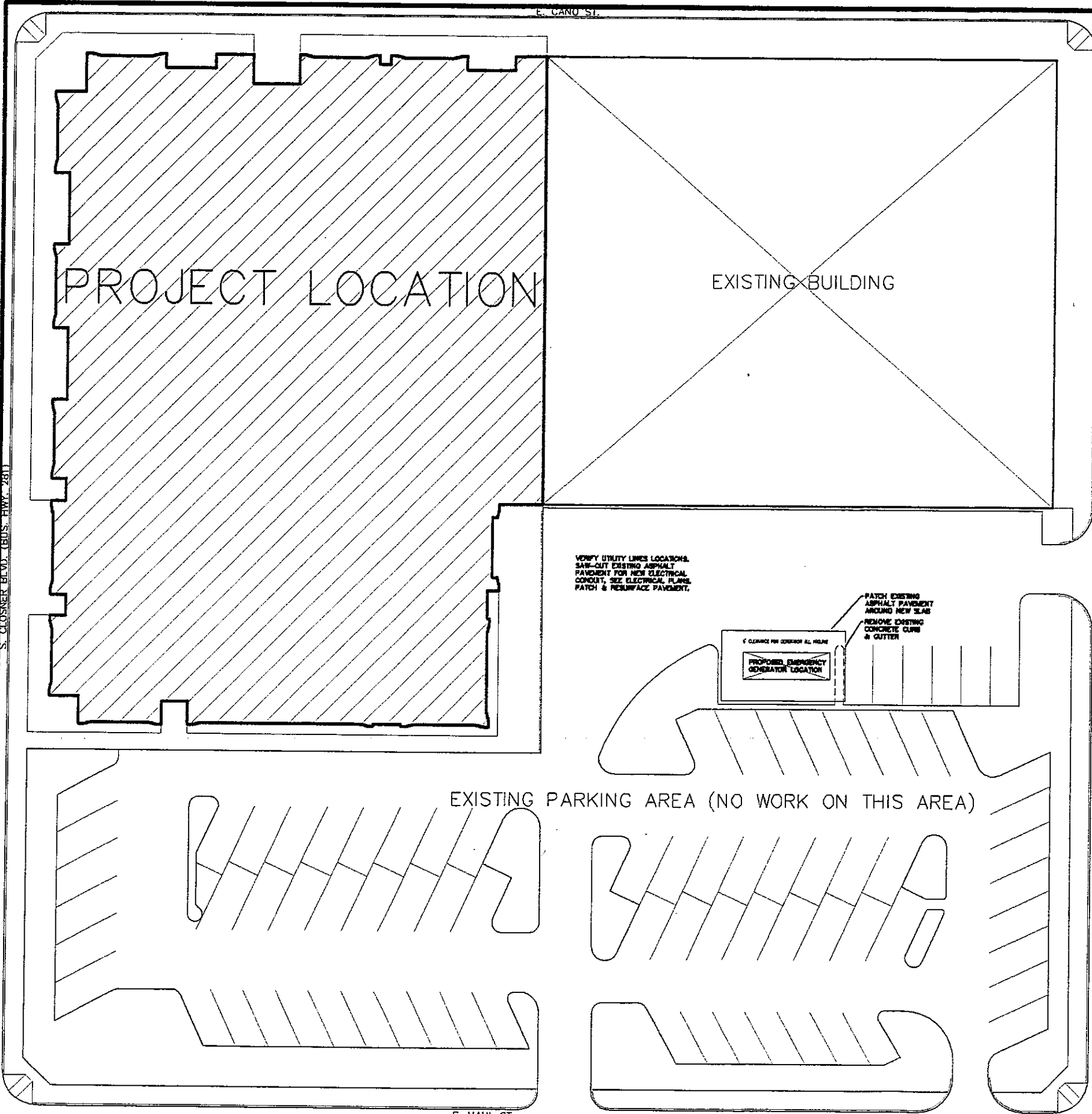


WALL BRACING ABOVE ALUM. FRAME DOOR, DETAIL 902
SCALE: 3/4" = 1'-0"

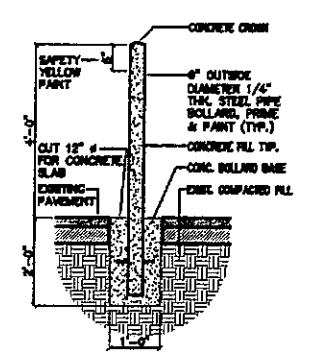
FIRST FLOOR: REFLECTED CEILING PLAN
SCALE: 1/8" = 1'-0"



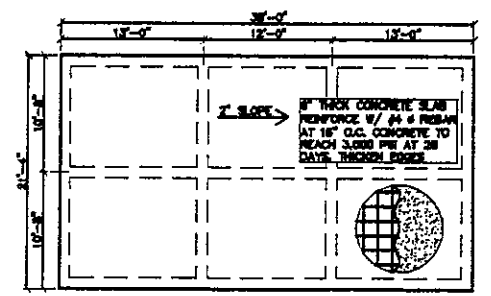
CEILING DETAIL AT EXISTING EXTERIOR WINDOWS - 903
SCALE: 3/4" = 1'-0"



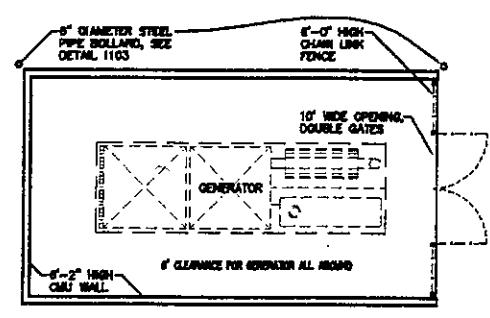
CHAIN LINK FENCE DETAIL 1102
SCALE: 1/2" = 1'-0"



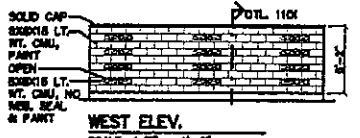
BOLLARD DETAIL 1103
SCALE: N.T.S.



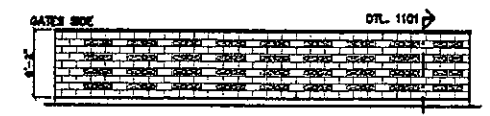
EMERGENCY GENERATORS ENCLOSURE FOUNDATION PLAN 1104
SCALE: 1/8" = 1'-0"



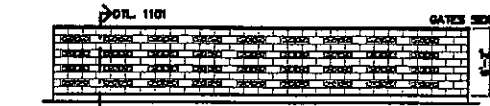
EMERGENCY GENERATORS ENCLOSURE FLOOR PLAN 1105
SCALE: 1/8" = 1'-0"



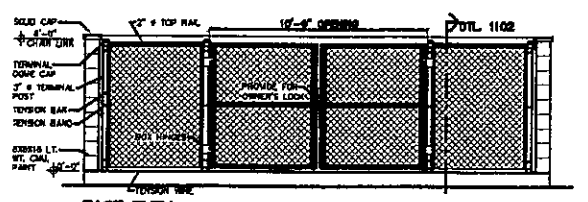
WEST ELEV.
SCALE: 1/8" = 1'-0"



NORTH ELEV.
SCALE: 1/8" = 1'-0"



SOUTH ELEV.
SCALE: 1/8" = 1'-0"



EAST ELEV.
SCALE: 1/4" = 1'-0"

1st AND 2nd FLOORS REMODEL
FORMER ADMINISTRATION BUILDING
HIDALGO COUNTY, TEXAS
CITY OF EDINBURG, TEXAS

THE USE OF THESE DRAWINGS IS RESTRICTED TO THE ORIGINAL PURPOSE FOR WHICH THEY WERE INTENDED. REPRODUCTION WITHOUT WRITTEN PERMISSION FROM THE OWNER IS PROHIBITED.

PROJECT #
ISSUED:
DRAWN BY: O.C.
CHECKED BY:
FILE NAME:
SHEET:

SITE PLAN: EMERGENCY GENERATOR LOCATION
SCALE: 1/8" = 1'-0"

GENERAL NOTES

CONTRACTOR TO REVIEW ALL GENERAL NOTES PRIOR TO SUBMITTING A BID.



HINOJOSA ENGINEERING, INC.
 STRUCTURAL ENGINEERING
 100 W. 10TH ST. SUITE 200
 EDINBURG, TEXAS 77541
 P: 281.486.1000
 F: 281.486.1001
 E: HINOJOSA@HINOJOSAENGINEERING.COM



AGA Design Consulting, Inc.
 1333 E. Jamine Ave.
 McAllen, Texas 78501
 Office: 956.618.2007
 Fax: 956.618.2008
 Web: WWW.AGACON.COM

**1st AND 2nd FLOORS REMODEL
 FORMER ADMINISTRATION BUILDING
 HIDALGO COUNTY, TEXAS
 CITY OF EDINBURG, TEXAS**

THE USE OF THESE DRAWINGS IS RESTRICTED TO THE ORIGINAL PURPOSE FOR WHICH THEY WERE EXTENDED. REPRODUCTION WITHOUT WRITTEN PERMISSION FROM THE OWNER IS PROHIBITED.

PROJECT # CB-109
 ISSUED: 03-05-09
 DRAWN BY: M, M
 CHECKED BY: AT
 FILE NAME:
 SHEET:

GENERAL NOTES

- THESE CONTRACT STRUCTURAL DRAWINGS AND SPECIFICATIONS REPRESENT THE FINISHED STRUCTURE UNLESS OTHERWISE INDICATED. THEY DO NOT INDICATE THE METHOD OF CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE ALL MEASURES NECESSARY TO PROTECT THE STRUCTURE, WORKMAN, AND OTHER PERSONS DURING CONSTRUCTION. SUCH MEASURES SHALL INCLUDE, BUT NOT BE LIMITED TO, BRACING, SHORING FOR EARTH BANKS, FORMS, SCAFFOLDING, PLUMBING, SAFETY NETS, SUPPORT AND BRACING FOR CRANES AND CRANES, ETC. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK AND THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURES. OBSERVATION NOTICES TO THE ARCHITECT ON THE PART OF THE ENGINEER DO NOT INCLUDE INSPECTION OF THE ABOVE AND BELOW ITEMS.
- ALL CONSTRUCTION AND QUALITY OF MATERIALS SHALL COMPLY WITH THE GOVERNING BUILDING CODES AND REGULATIONS.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS AND CONDITIONS AT THE JOB SITE BEFORE COMMENCEMENT OF WORK AND SHALL IMMEDIATELY REPORT ANY DISCREPANCIES OR OMISSIONS TO THE ARCHITECT IN WRITING. ANY OMISSION OR CONFLICT BETWEEN THE VARIOUS ELEMENTS OF THE WORKING DRAWINGS AND/OR SPECIFICATIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT BEFORE PROCEEDING WITH ANY WORK SO INVOLVED.
- IN CASE OF CONFLICT, NOTES AND DETAILS ON THE BALANCE OF THE DRAWINGS TAKE PRECEDENCE OVER STANDARD NOTES AND TYPICAL DETAILS.
- WHERE CONSTRUCTION DETAILS ARE NOT SPECIFICALLY SHOWN OR NOTED FOR ANY PART OF THE WORK, SUCH DETAILS SHALL BE CONSTRUCTED IN ACCORDANCE WITH DETAILS SHOWN FOR SIMILAR CONDITIONS AND MATERIALS. WHERE SUFFICIENTLY SIMILAR WORK IS NOT SHOWN, THE ENGINEER SHALL BE CONSULTED FOR CLARIFICATION.
- EACH SUBCONTRACTOR IS CONSIDERED AN EXPERT IN HIS/HER RESPECTIVE FIELD AND SHALL, PRIOR TO THE SUBMISSION OF BID OR PERFORMANCE OF WORK, NOTIFY THE GENERAL CONTRACTOR OR OWNER OF ANY WORK CALLED OUT ON THE DRAWINGS IN HIS/HER TRADE THAT CANNOT BE GUARANTEED.
- THE CONTRACTOR SHALL COORDINATE ALL MECHANICAL AND ELECTRICAL EQUIPMENT, AS TO WEIGHTS AND EXACT LOCATIONS, WITH STRUCTURAL SUPPORTS. IN THE EVENT THAT THE PURCHASED EQUIPMENT DEVIATES IN WEIGHT AND LOCATION FROM THOSE INDICATED ON THE PLANS, THE ARCHITECT MUST BE NOTIFIED AND APPROVAL OBTAINED PRIOR TO INSTALLATION.
- THIS STRUCTURE IS DESIGNED AS A STABLE UNIT AFTER ALL COMPONENTS ARE IN PLACE. THE CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE TEMPORARY BRACING AS REQUIRED TO INSURE THE VERTICAL AND LATERAL STABILITY OF THE ENTIRE STRUCTURE OR ANY PORTION THEREOF DURING CONSTRUCTION.
- NEITHER THE OWNER NOR THE ARCHITECT NOR THE ENGINEER WILL ENFORCE SAFETY MEASURES OR REGULATIONS. THE CONTRACTOR SHALL ENFORCE ALL LOCAL, STATE AND FEDERAL SAFETY AND HEALTH STANDARDS, LAWS AND REGULATIONS, AND MAINTAIN ALL SAFETY DEVICES, INCLUDING SHORING AND BRACING, AND SHALL BE SOLELY RESPONSIBLE FOR CONFORMING TO ALL LOCAL, STATE AND FEDERAL SAFETY AND HEALTH STANDARDS, LAWS AND REGULATIONS. TRADE NAMES AND MANUFACTURERS REFERRED TO ARE FOR QUALITY STANDARDS ONLY. SUBSTITUTIONS WILL BE PERMITTED AS APPROVED BY THE ENGINEER. ANY SPECIAL OR APPROVED SUBSTITUTIONS ARE FOR CONSTRUCTION CONVENIENCE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CHANGES, ADDITIONAL COSTS AND COORDINATION WITH ALL ITEMS THAT THE SUBSTITUTIONS MAY IMPACT. THE ARCHITECT IS TO BE NOTIFIED IN WRITING WHEN CONSTRUCTION AT THE SITE BEGINS. ANY QUESTIONS OR DISCREPANCIES OF THESE DRAWINGS SHALL BE REFERRED TO THE ENGINEER.
- THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO LOCATE AND PROTECT EXISTING UNDERGROUND OR CONCEALED CONDUIT, PLUMBING, OR OTHER UTILITIES PRIOR TO BEGINNING ANY WORK. PIPES, DUCTS, SLEEVES, CHASES, ETC. SHALL NOT BE PLACED IN BEAMS, OR WALLS UNLESS SPECIFICALLY SHOWN OR NOTED. NOR SHALL ANY STRUCTURAL MEMBER BE CUT FOR PIPES, DUCTS, ETC. UNLESS NOTED CONTRACTOR SHALL OBTAIN PRIOR APPROVAL FOR INSTALLATION OF ANY ADDITIONAL PIPES, DUCTS, ETC.

DESIGN CRITERIA

- DESIGN LOADS, STRUCTURAL ANALYSIS AND PREPARATIONS OF STRUCTURAL MEMBERS IS BASED UPON THE FOLLOWING CRITERIA:

A. WIND SPEED (V _W) (ASCE 7-05)	110 MPH
B. EXPOSURE CATEGORY	C
C. IMPORTANCE FACTOR	1.15
D. BUILDING CATEGORY	B
E. SEISMIC DESIGN CATEGORY	D
F. FLE CLASS	D
- LATERAL LOADS

A. WIND SPEED (V _W) (ASCE 7-05)	110 MPH
B. EXPOSURE CATEGORY	C
C. IMPORTANCE FACTOR	1.15
D. BUILDING CATEGORY	B
E. SEISMIC DESIGN CATEGORY	D
F. FLE CLASS	D
- VERTICAL LOADS

A. DEAD LOAD	40 PSF
B. LIVE LOAD (LIGHT STORAGE)	120 PSF
C. LIVE LOAD (OFFICE)	50 PSF
D. LIVE LOAD (2ND FLOOR CORRIDOR)	80 PSF
E. FLOORING	0 PSF
F. GROUND SNOW LOAD	0 PSF
G. CRANE LOADS	NONE PSF
H. MECHANICAL UNITS	SEE PLANS

CAST-IN-PLACE CONCRETE

- VERIFY ALL DIMENSIONS. COORDINATE WITH ARCHITECTURAL PLANS PRIOR TO CONSTRUCTION AND NOTIFY ARCHITECT AND/OR ENGINEER OF ANY DISCREPANCIES.
- ALL CONCRETE WORK SHALL COMPLY WITH THE AMERICAN CONCRETE INSTITUTE SPECIFICATIONS, ACI 308-1R, OR LATEST EDITION. DRILLED PIERS SHALL COMPLY WITH ACI 308.1R-98 AND ACI 308.2R-93.
- ALL DETAILING, FABRICATION AND INSTALLATION OF REINFORCING BARS, AND ALL ACCESSORIES UNLESS OTHERWISE NOTED, SHALL BE IN ACCORDANCE UNLESS WITH THE ACI MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE, 3RD EDITION, LATEST EDITION.
- THE MINIMUM 28 DAYS CYLINDER STRENGTH SHALL BE AS FOLLOWS:

LOCATION	STRENGTH AT 28 DAYS	MAXIMUM SLUMP	MAXIMUM AGGREGATE
CONCRETE FLOOR	3,500 PSI	5"	3/4"
- * ALL MIXES SHALL HAVE A MINIMUM OF 8 BAGS OF CEMENTITIOUS MATERIAL PER CYCIC YARD REGARDLESS OF STRENGTH DETAILING.
- PORTLAND CEMENT SHALL CONFORM TO ASTM C150-05A, TYPE I OR II. STRUCTURAL CONCRETE AGGREGATE SHALL CONFORM TO ASTM C33-07, STANDARD WEIGHT ALL CONCRETE SHALL CONTAIN "POTZOLITH" ADMIX AS PER MANUFACTURERS SPECIFICATIONS IN ACCORDANCE WITH ASTM C494. NO CALCEM OR CALCEM AS ADMIX REPLACEMENT WILL BE PERMITTED IN CONCRETE.
- NO HORIZONTAL CONSTRUCTION JOINTS WILL BE PERMITTED IN SLABS OR BEAMS.
- VERTICAL CONSTRUCTION JOINTS IN SLABS ARE TO BE AS SHOWN ON PLANS OR AS APPROVED BY ENGINEER.
- ALL REINFORCING BARS SHALL BE NEW BILLET STEEL, SHALL CONFORM TO ASTM A615 GRADE 60 SPECIFICATIONS.
- PROVIDE CORNER BARS TOP AND BOTTOM AT ALL BEAM CORNERS AND DEAD END BEAM INTERSECTIONS. BARS TO EQUAL SIZE AND QUANTITY OF THE NOTED BEAM STEEL. BARS SHALL LAP BEAM REINFORCEMENT 40 BAR DIAMETERS.
- BARS DETAINED AS CONTINUOUS SHALL BE LAPPED 40 BAR DIAMETERS. EXTEND THE SLAB REINFORCING STEEL PERPENDICULAR TO BEAM, TO THE TOP OUTSIDE REINFORCING BAR OF PERIMETER BEAMS. START THE SLAB REINFORCING STEEL PARALLEL TO BEAM, NOT MORE THAN 8" FROM THE TOP INSIDE REINFORCING BEAMS.
- PROVIDE 1/2" BARS AT 12" ON CENTER WHERE THE SLAB STEPS DOWN MORE THAN 2". 1/2" BARS SHALL LAP THE MAIN SLAB REINFORCING STEEL 40 BAR DIAMETERS. ALL CONDUIT OR PLUMBING LINES SHALL BE PLACED BELOW SLAB AREA. ALL PERPENDICULAR CONDUIT OR PLUMBING LINES SHALL BE PLACED IN CENTER OF BEAMS. NO CONDUIT OR PLUMBING LINES ARE ALLOWED TO BE INSTALLED PARALLEL TO BEAM.
- ALL OPENINGS IN SLAB (FOR PIPING, DRAINS, ETC.) SHALL BE SEALED WITH 1/2" SEALANT "2" TEE" INCLUDING 2" PART POLYURETHANE.
- THE VAPOR RETARDANT BELOW ALL SLAB AREAS SHALL BE 10 MIL STEEL WRAP OR EQUAL WITH ALL JOINTS LAPPED 12" CONTINUOUS AND SEALED. DIRT VAPOR BARRIER ON THE INSIDE OF WALLS SHALL BE 10 MIL POLYETHYLENE.
- RADIUM AROUND PERIMETER TO PROVIDE POSITIVE DRAINAGE AWAY FROM SLAB. FLOOR TOLERANCES
- F-NUMBER SYSTEM

COMPOSITE FLATNESS (F ₁) = 20
COMPOSITE LEVELNESS (F ₂) = 25
- IN ALL INSTANCES MINIMUM SLAB THICKNESS SHALL BE OBTAINED.
- COORDINATE SLAB FINISHES WITH ARCHITECTURAL PLANS.
- CURING COMPOUND SHALL BE PLACED WITHIN FOUR (4) HOURS AFTER CONCRETE HAS BEEN PLACED. CONCRETE SHALL BE MAINTAINED ABOVE 50 DEGREES F AND IN A MOST CONDITION FOR AT LEAST THE FIRST SEVEN (7) DAYS AFTER PLACING. FORMWORK FOR CURING SHALL BE PLACED WITHIN 10 DAYS AND 100% IT CONCRETE COVER FOR REINFORCING AS FOLLOWS:

A. DRILLED PIERS, FOOTINGS AND OTHER PRINCIPAL STRUCTURAL MEMBERS IN WHICH REINFORCEMENT IS EXPOSED TO WEATHER OR GROUND:	3"
B. WHERE CONCRETE SURFACES, AFTER REMOVAL OF FORMS, ARE EXPOSED TO WEATHER OR GROUND:	2"
C. WHERE SURFACES ARE NOT DIRECTLY EXPOSED TO WEATHER OR GROUND:	1 1/2"
FOR SLAB ON GRADE (FROM TOP OF SLAB)	1 1/2"
FOR BEAMS, COLUMNS AND WALLS	1 1/2"
FOR JOISTS AND SLABS	3/4"
- ANCHOR BARS, CORNERS, INSERTS, ETC. SHALL BE SECURELY TIED IN PLACE PRIOR TO PLACING CONCRETE.
- REFER TO ARCHITECTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS FOR ALL WELDS, GROOVES, REGLETTS, ORNAMENTAL CLIPS, PIPES, CONDUITS, INSERTS, ETC. TO BE CAST IN CONCRETE. PROVIDE OVERSIZED SLEEVES FOR PLUMBING AND ELECTRICAL CONDUITS AND PIPES. (NO PIPES OR DUCTS SHALL BE PLACED IN CONCRETE, FOOTINGS, OR SLAB UNLESS SPECIFICALLY DETAIL IN THESE PLANS, OR AS DIRECTED BY THE ENGINEER.
- MECHANICALLY VIBRATE ALL CONCRETE WHEN PLACED.
- UTILITIES THAT PENETRATE THROUGH FLOOR SHOULD BE DESIGNED WITH EITHER SOME DEGREE OF FLEXIBILITY OR WITH SLEEVES IN ORDER TO PREVENT DAMAGE TO THESE LINES SHOULD SEISMIC MOVEMENT OCCUR.
- READY MIX CONCRETE SHALL COMPLY WITH REQUIREMENTS OF ASTM C94, WHEN AIR TEMPERATURE IS BETWEEN 80° AND 90° F, REDUCE MIXING AND DELIVERY TIME FROM 90 MINUTES TO 75 MINUTES. WHEN AIR TEMPERATURE IS ABOVE 90° F, REDUCE MIXING AND DELIVERY TIME TO 60 MINUTES.
- CONCRETE TESTING SHALL BE ONE SET OF CYLINDERS FOR EVERY 50 CUBIC YARDS OR PORTION THEREOF FOR EACH TYPE OF CONCRETE PLACED ON A GIVEN DAY. ONE SET CONSISTS OF 2 CYLINDERS TESTED FOR COMPRESSIVE AT 7 DAYS AND 2 CYLINDERS AT 28 DAYS. A MINIMUM OF THREE SETS PER DAY OR TYPE OF CONCRETE SHALL BE TAKEN.

SHOP DRAWINGS AND SUBMITTALS

- SHOP DRAWINGS SHALL BE PREPARED AND SUBMITTED FOR REVIEW TO THE STRUCTURAL ENGINEER FOR EACH STRUCTURAL BUILDING MATERIAL, AS INDICATED ON THE STRUCTURAL GENERAL NOTES AND THE CONTRACT SPECIFICATIONS. SEE THE CONTRACT SPECIFICATIONS FOR SUBMITTALS PROCEDURES AND ADDITIONAL INFO.
- SHOP DRAWINGS SHALL USE DRAWING LINE WORK AND LETTERING THAT IS CLEARLY LEGIBLE. SHOP DRAWINGS SHALL NOT CONTAIN REPRODUCTIONS OF THE CONTRACT DRAWING PLANS OR DETAILS.
- SHOP DRAWINGS SHALL NOT SHOW MATERIALS FOR MORE THAN ONE LEVEL OF THE SAME PLAN.
- SHOP DRAWINGS SHALL SHOW CLEAR AND COMPLETE INFORMATION FOR THE FABRICATOR (DETAIL SHEETS AND/OR MATERIAL LISTS) AND INSTALLATION.
- ALLOW A MINIMUM OF (2) WEEKS FOR REVIEW OF EACH SET OF SHOP DRAWINGS.
- CONTRACTOR SHALL REVIEW THE SHOP DRAWINGS SUBMITTED BY THE SUBCONTRACTOR AND COORDINATE SHOP DRAWINGS WITH ALL OTHER TRADES.
- CONTRACTOR SHALL ANSWER ALL QUESTIONS OR CLARIFICATIONS BY THE SUBCONTRACTOR BEFORE SUBMITTING TO ENGINEER FOR REVIEW. ANY QUESTIONS THAT THE CONTRACTOR CANNOT ANSWER WITH THE INFORMATION ON THE DRAWINGS SHALL CLEARLY BE MARKED FOR THE ENGINEER FOR REVIEW.
- CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL DIMENSIONS. SEE NOTE NUMBER 3 UNDER GENERAL NOTES.
- REVIEW OF SHOP DRAWINGS BY THE ENGINEER IS FOR GENERAL CONFORMANCE TO THE STRUCTURAL DRAWINGS. APPROVAL OF THE SHOP DRAWINGS BY THE ENGINEER DOES NOT RELIEF THE CONTRACTOR FOR ANY ERRORS IN DIMENSIONS OR MATERIALS INDICATED ON THE SHOP DRAWINGS.
- IF THERE IS ANY DISCREPANCY BETWEEN THE STRUCTURAL DRAWINGS AND SHOP DRAWINGS, THE INFORMATION SHOWN ON THE STRUCTURAL DRAWINGS GOVERN. INFORMATION THAT IS NOT INDICATED ON THE SHOP DRAWINGS SHALL BE OBTAINED FROM THE STRUCTURAL DRAWINGS.
- PROVIDE SUBMITTALS FOR THE FOLLOWING ITEMS:
 - REINFORCING STEEL
 - STRUCTURAL STEEL

STRUCTURAL STEEL

- MATERIAL AND WORKMANSHIP SHALL CONFORM TO THE LATEST EDITION OF THE AISC SPECIFICATIONS FOR THE DESIGN, FABRICATION, AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS.
- STRUCTURAL STEEL SHALL COMPLY WITH THE FOLLOWING ASTM DESIGNATIONS:

LATERAL	DESIGNATION	STRENGTH
ANCHOR BOLTS	F1554	F _y =68 ksi
PLATES	A36	F _y =36 ksi
ANGLES	A36	F _y =36 ksi
CHANNELS	A36	F _y =36 ksi
WIDE FLANGE SHAPES	A992	F _y =50 ksi
STEEL PIPE	A500 GRADE B	F _y =45 ksi
SQUARE & RECT. STEEL TUBES (HSS)	A500 GRADE B	F _y =45 ksi
ROUND TUBES (HSS)	A500 GRADE B	F _y =42 ksi
- ALL STRUCTURAL STEEL SHALL BE FABRICATED, ERECTED, AND PAINTED IN ACCORDANCE WITH THE SPECIFICATIONS FOR THE DESIGN, FABRICATION, AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS AS AMENDED TO DATE AND THE CODE OF STANDARD PRACTICE, LATEST EDITION AS ADOPTED BY THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION. SECTION 4.2.1, DELETE FIRST TWO SENTENCES. SECTION 7, ALL REFERENCE TO OWNER SHALL BE CHANGED TO GENERAL CONTRACTOR. SECTION 7.8.1, THE CONTRACTOR SHALL PROVIDE THE SEQUENCE AND SCHEDULE OF PLACEMENT OF NON-SUPPORTING STEEL FRAMES. SECTION 7.9.4, THE CONTRACTOR TO DESIGN SHORES, JACKS OR LOADS.
- WELDING SHALL BE DONE IN ACCORDANCE WITH THE STANDARD CODE FOR ARC AND GAS WELDING IN STRUCTURAL CONSTRUCTION AS PUBLISHED BY THE AMERICAN WELDING SOCIETY, EXCEPT THAT ALL WELDING SHALL BE DONE BY THE ELECTRIC ARC PROCESS, DONE BY THE ELECTRIC ARC PROCESS. ALL WELDING SHALL BE PERFORMED BY CERTIFIED WELDERS AND SHALL CONFORM TO ANY/AWS D11.1-88.
- DETAILED OR SCHEDULED CONNECTIONS HAVE BEEN DESIGNED BY STRUCTURAL ENGINEER. ANY CONNECTION NOT DETAILED OR SCHEDULED OR ALTERED FOR FABRICATION PURPOSES SHALL BE SIZED AND DETAILED BY FABRICATOR AND SHALL BE MARKED FOR ENGINEER'S CORRECTION. FABRICATOR SIZED AND DETAILED CONNECTIONS SHALL SUPPORT ONE-HALF THE TOTAL UNIFORM LOAD CAPACITY SHOWN IN THE TABLES OF UNIFORM CONSTANTS, PART 2 OF THE AISC MANUAL OF STEEL CONSTRUCTION FOR THE GIVEN BEAM, SPAN AND GRADE OF STEEL SPECIFIED. THE EFFECT OF ANY CONCENTRATION LOADS SHALL BE TAKEN INTO ACCOUNT.
- SEE ARCHITECTURAL PLANS FOR MISCELLANEOUS STEEL ITEMS NOT INDICATED ON STRUCTURAL DRAWINGS. STEEL ITEMS SHOWN ON ARCHITECTURAL DRAWINGS AND NOT SPECIFIED ON STRUCTURAL DRAWINGS SHALL BE DESIGN BY THE STEEL FABRICATOR. SEE DESIGN CRITERIA FOR LOADING.
- ALL WELDED CONNECTIONS SHALL BE MADE USING 1/4" FILLET WELD, U.N.O.
- ALL BOLTED CONNECTIONS SHALL BE MADE USING 3/4" DIAMETER HIGH STRENGTH BOLTS, ASTM A325, BEARING TYPE CONNECTION w/ WAGERS ASTM F436, U.N.O. ON DESIGN DRAWINGS. SPECIAL INSPECTION REQUIRED FOR ALL HIGH STRENGTH BOLTING. ALL NUTS SHALL BE PER ASTM A563.
- CONNECTION PLATES AND STIFFENERS SHALL BE MADE WITH 1/4" THICK PLATES, UNLESS OTHERWISE NOTED ON PLANS.
- ALL STEEL (INCLUDING BOLTS) EXPOSED TO THE WEATHER SHALL BE NOT-DIPPED GALVANIZED (INCLUDES STEEL THAT IS ONLY COVERED WITH PLASTER OR STUCCO). SEE ARCHITECTURAL PLANS IF STRONGER REQUIREMENTS ARE REQUIRED.
- ALL EXPOSED STEEL SHALL FOLLOW SECTION 10 OF THE CODE OF STANDARD PRACTICE OF AISC. SECTION 10 OF THE CODE ADDRESSES ARCHITECTURALLY EXPOSED STRUCTURAL STEEL (AESS).
- CONNECTIONS SHALL BE FOR HOLLOW STRUCTURAL SECTIONS CONNECTION MANUAL BY AISC.
- ALL BEAMS NOT SHOWN SHALL BE W16X35. ALL COLUMNS NOT SHOWN SHALL BE HSS24X47.5.
- STEEL SHOP SHALL BE AISC CERTIFIED.
- HOLES FOR BOLTS IN STRUCTURAL STEEL SHALL BE DRILLED OR HANDLED. BURNING OF HOLES SHALL NOT BE PERMITTED UNLESS NOTED OTHERWISE. HOLES SHALL BE STANDARD SIZE 1/8 INCH LARGER THAN THE BOLT.
- PROVIDE 4 TONS OF RED IRON ALLOWANCE FOR USE ON PROJECT AS DIRECTED BY THE STRUCTURAL ENGINEER FIELD REPRESENTATIVE. THE ALLOWANCE SHALL INCLUDE LABOR COST AND PLACEMENT AT THE SITE.

GENERAL NOTES FOR STRUCTURAL OBSERVATIONS

- JOB SITE OBSERVATIONS BY THE PROFESSIONAL ENGINEER OR HIS AUTHORIZED REPRESENTATIVE SHALL CONSIST OF VISUAL OBSERVATION OF MATERIALS, EQUIPMENT OR CONSTRUCTION WORK FOR THE PURPOSE OF ASCERTAINING THAT THE WORK IS IN SUBSTANTIAL CONFORMANCE WITH THE CONTRACT DOCUMENTS AND WITH THE DESIGN INTENT. SUCH OBSERVATIONS SHALL NOT BE RELIED UPON BY OTHERS AS ACCEPTANCE OF THE WORK, NOR SHALL IT BE CONSTRUED TO RELIEVE THE CONTRACTOR IN ANY WAY FROM HIS OBLIGATIONS AND RESPONSIBILITIES UNDER THE CONSTRUCTION CONTRACT. SPECIFICALLY BUT WITHOUT LIMITATION, OBSERVATIONS BY THE DESIGN PROFESSIONAL SHALL NOT REQUIRE THE DESIGN PROFESSIONAL TO ASSUME RESPONSIBILITY FOR THE MEANS AND METHODS OF CONSTRUCTION, NOR FOR SAFETY ON THE JOB SITE.
- NOTIFY ENGINEER FOR THE FOLLOWING ITEMS:
 - AFTER FRAMING OF FLOOR STRUCTURE BUT BEFORE PLACEMENT OF FLOOR CONCRETE

NOTIFY ENGINEER 48 HOURS IN ADVANCE WHEN A STRUCTURAL OBSERVATION IS REQUIRED.

REINFORCING STEEL

- BAR REINFORCEMENT SHALL CONFORM TO THE FOLLOWING GRADES OF ASTM A 615, INCLUDING SUPPLEMENT S1:

GRADE 40 - 43 AND SMALLER
GRADE 60 - 64 AND LARGER
- DETAILS OF REINFORCEMENT SHALL BE IN ACCORDANCE WITH CHAPTER 7 OF THE AMERICAN CONCRETE INSTITUTE (ACI) 308-05 AND CHAPTER 10 OF THE 900 2006, UNLESS OTHERWISE NOTED.
- LAPS AT BAR SPICES IN CONCRETE CONSTRUCTION SHALL BE IN ACCORDANCE WITH CHAPTER 10 OF THE 900 2006.
- LAPS AT BAR SPICES IN MASONRY CONSTRUCTION SHALL BE 40 BAR DIAMETER BUT NOT LESS THAN 30".
- VERTICAL REINFORCEMENT SHALL BE TIED OR OTHERWISE SECURED IN POSITION AT THE TOP AND BOTTOM AND AT INTERMEDIATE LOCATIONS, SPACED NOT GREATER THAN 192 BAR DIAMETERS.
- WELDED STEEL WIRE FABRIC REINFORCEMENT SHALL CONFORM TO ASTM A185.
- LAPS OF WELDED STEEL WIRE FABRIC AT SPICES SHALL BE NOT LESS THAN 12 INCHES.
- WALLS, PLASTER, COLUMNS SHALL BE DOWELED TO THE SUPPORTING FOOTINGS WITH REINFORCEMENT OF THE SAME SIZE, GRADE AND AT THE SAME SPACING AS THE REINFORCEMENT IN THE WALLS, PLASTER, OR COLUMNS.
- BAR SUPPORTS SHALL BE PROVIDED IN ACCORDANCE WITH THE PROVISIONS OF "BAR SUPPORT SPECIFICATIONS" AS CONTAINED IN THE LATEST EDITION OF THE "MANUAL OF STANDARD PRACTICE" BY THE CONCRETE REINFORCING STEEL INSTITUTE (CRSI). REINFORCING STEEL DETAILING, BENDING AND PLACING SHALL BE IN ACCORDANCE WITH THE CONCRETE REINFORCING STEEL INSTITUTE "MANUAL OF STANDARD PRACTICE", LATEST EDITION.
- ALL REINFORCEMENT SHALL BE SECURELY TIED IN PLACE BEFORE PLACING CONCRETE OR GROUT.
- WELDING OF CROSSING BARS AND TACK WELDING OF REINFORCEMENT SHALL NOT BE PERMITTED.
- CONTRACTOR SHALL SUBMIT REINFORCING STEEL SHOP DRAWINGS FOR REVIEW BEFORE FABRICATION AND INSTALLATION.
- WELDING OF REINFORCING STEEL IS NOT PERMITTED BY THE STRUCTURAL ENGINEER.

FLOOR METAL DECK

- GALVANIZED SHEET METAL: ASTM A444, GRADE A, 0.09 ZINC COATED ACCORDING TO ASTM A525.
- DECK PROFILE: CSV
- PROFILE DEPTH: 18 INCHES
- GAUGE: 24
- SPAN: 24
- END LAPS SHALL BE A MINIMUM OF 2" AND SHALL REQUIRE A MINIMUM OF ONE-HALF PLATE.
- DECK LAPS SHALL BE 3 OR MORE SPANS AND SHALL BE ATTACHED TO THE STRUCTURAL SUPPORT.
- METAL DECK SHALL BE ATTACHED AS FOLLOWS:

- AT SUPPORTS:	#2 SCREWS
- AT SIDE LAPS:	FASTENER LAYOUT: 36/4
	#10 TEK SCREWS
	NUMBER OF SIDE LAPS
	FASTENER PER SPAN = 4
- 3.5" NOMINAL WEDGET CONCRETE (14" DIA) WITH GALK LATH SHEETS OF 44-W29.5X9.9
- SCREWS MUST BE INSTALLED USING PROPERLY CALIBRATED TOOLS TO AVOID OVERDRIVING WHICH CAN STRIKE THE THREADS AT SIDELAPS OR EVENT THE SCREW INTO IT IS PLACED INTO HEAVIER SUBSTRATE.
- WELDING OF METAL DECKING NOT ALLOWED. ALL METAL DECKING THAT HAS BEEN WELDED SHALL BE REMOVED AT CONTRACTORS EXPENSE. REMOVED METAL DECKING SHALL NOT BE USED.

HINOJOSA ENGINEERING, INC. IS AN EQUAL OPPORTUNITY EMPLOYER. THIS DOCUMENT IS THE PROPERTY OF HINOJOSA ENGINEERING, INC. IT IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREIN. IT IS NOT TO BE REPRODUCED, COPIED, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS WITHOUT THE WRITTEN PERMISSION OF HINOJOSA ENGINEERING, INC.



HINOJOSA ENGINEERING, INC.
 CIVIL ENGINEERING AND SURVEYING
 1313 E. Janss Ave.
 McAllen, Texas 78501
 Office: 361.618.2007
 Fax: 361.618.2008
 WWW.HINOJOSA.COM



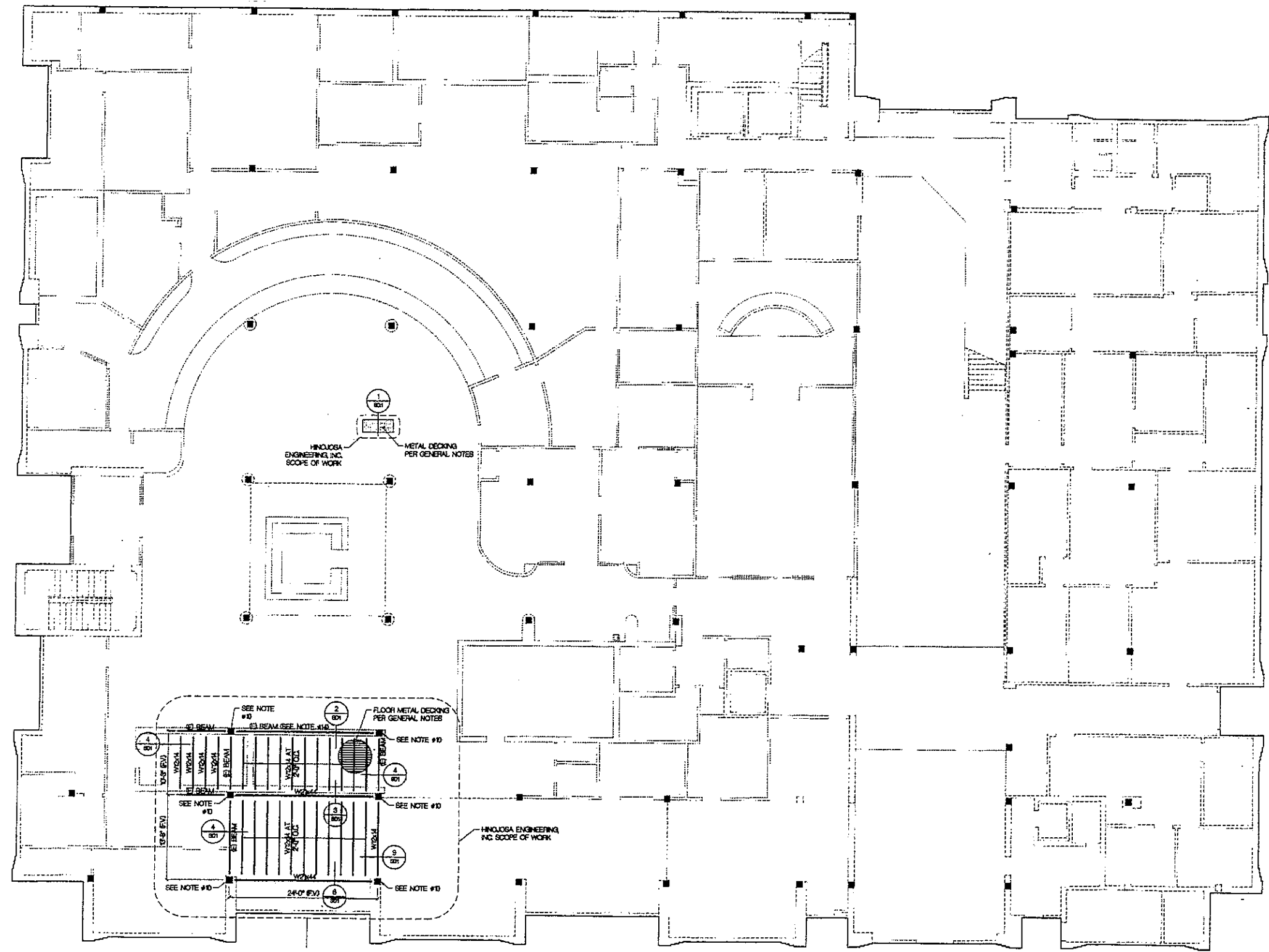
Alcázar García Associates, Inc.
 Design Consulting
 1313 E. Janss Ave.
 McAllen, Texas 78501
 Office: 361.618.2007
 Fax: 361.618.2008
 WWW.AGADCC.COM

**1st AND 2nd FLOORS REMODEL
 FORMER ADMINISTRATION BUILDING
 HIDALGO COUNTY, TEXAS
 CITY OF EDINBURG, TEXAS**

THE USE OF THESE DRAWINGS IS RESTRICTED TO THE ORIGINAL PURPOSE FOR WHICH THEY WERE INTENDED. REPRODUCTION WITHOUT WRITTEN PERMISSION FROM THE OWNER IS PROHIBITED.

PROJECT # 08-199
 ISSUED: 03-05-09
 DRAWN BY: IM, MG
 CHECKED BY: AT
 FILE NAME:
 SHEET:

S2.1



1 2ND FLOOR FRAMING PLAN
 Scale: 1/8"=1'-0"

FRAMING NOTES

- FOR GENERAL NOTES SEE SHEET S11
- FOR TYPICAL DETAILS SEE SHEET SD1
- CONTRACTOR IS TO FIELD VERIFY ALL DIMENSIONS SHOWN ON THESE DRAWINGS. REFERENCE ARCHITECTURAL AND MEP DRAWINGS FOR ADDITIONAL INFORMATION.
- REFER TO ARCH. PLANS FOR DEMOLITION EXTENT.
- THIS IS A RENOVATION PROJECT AND UNFORSEEN ITEMS MIGHT BE DISCOVERED. THE OWNER, ARCHITECT AND CONTRACTOR SHALL ALLOW FOR SOME ADDITIONAL COST FOR ANY SUCH DISCOVERY.
- NOT ALL EXISTING STRUCTURAL MEMBERS ARE NOTED ON THESE PLANS. CONTRACTOR IS TO FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO COMMENCING ANY WORK.
- IN THE EVENT THAT THE EXISTING SLAB THICKNESS DIFFERS THAN SHOWN ON PLAN & DETAILS, CONTRACTOR IS TO CONTACT ENGINEER.
- TEMPORARY SHORE EXISTING MEMBERS THAT WILL BE WELDED. REMOVE ALL LIVE LOADS FROM MEMBERS TO BE REINFORCED.
- PROVIDE ISOLATORS ON MECHANICAL UNITS ON FLOOR.
- CONTRACTOR SHOULD ANTICIPATE REINFORCING EXISTING COLUMNS AS PER DETAIL 13(S)1. A UNIT COST SHOULD BE ALLOCATED ON BID FORM.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO INSURE THAT ALL BEAMS, COLUMNS AND JOISTS ARE SHORED/ BRACED PRIOR TO DEMOLITION.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO ANTICIPATE REINFORCING IS COLUMNS AT THE 1ST & 2ND FLOOR AS PER DETAIL 13(S)1 WITH A UNIT COST SHOULD BE ALLOCATED ON BID FORM.
- THE STEEL BEAM SIZES SUPPORTING THE SPACE SAVERS WILL CHANGE ONCE THE OWNER HAS OBJECTED A MANUFACTURED AND LAYOUT. THIS AREA HAS BEEN DESIGNED FOR A DISTRIBUTED DEAD LOAD OF 50psf INCLUDING THE BEAM WEIGHT AND A DISTRIBUTED LIVE LOAD OF 2500lb. ONCE DEMOLITION IS DONE AND EXISTING MEMBERS ARE EXPOSED TO VIEW, CONTACT STRUCTURAL ENGINEER TO VERIFY ASSUMED EXISTING MEMBERS. ONCE MEMBERS ARE VERIFIED, STRUCTURAL ENGINEER WILL DIRECT WHICH EXISTING MEMBERS NEED ADDITIONAL REINFORCEMENT.

HINOJOSA ENGINEERING, INC. ENGINEERED THIS DOCUMENT. THIS DOCUMENT SHALL NOT BE REPRODUCED, COPIED, CHANGED OR OTHERWISE TRANSMITTED WITHOUT THE EXPRESS WRITTEN CONSENT OF HINOJOSA ENGINEERING, INC.



HINOJOSA ENGINEERING, INC.
 PROVIDING ENGINEERING AND ARCHITECTURAL SERVICES
 1333 E. JAMINE AVE. ARLINGTON, TEXAS 76010
 OFFICE: 817.424.8007 FAX: 817.424.8008
 E-MAIL: hinojosa@hinojosa.com

AGA
 DESIGN CONSULTING

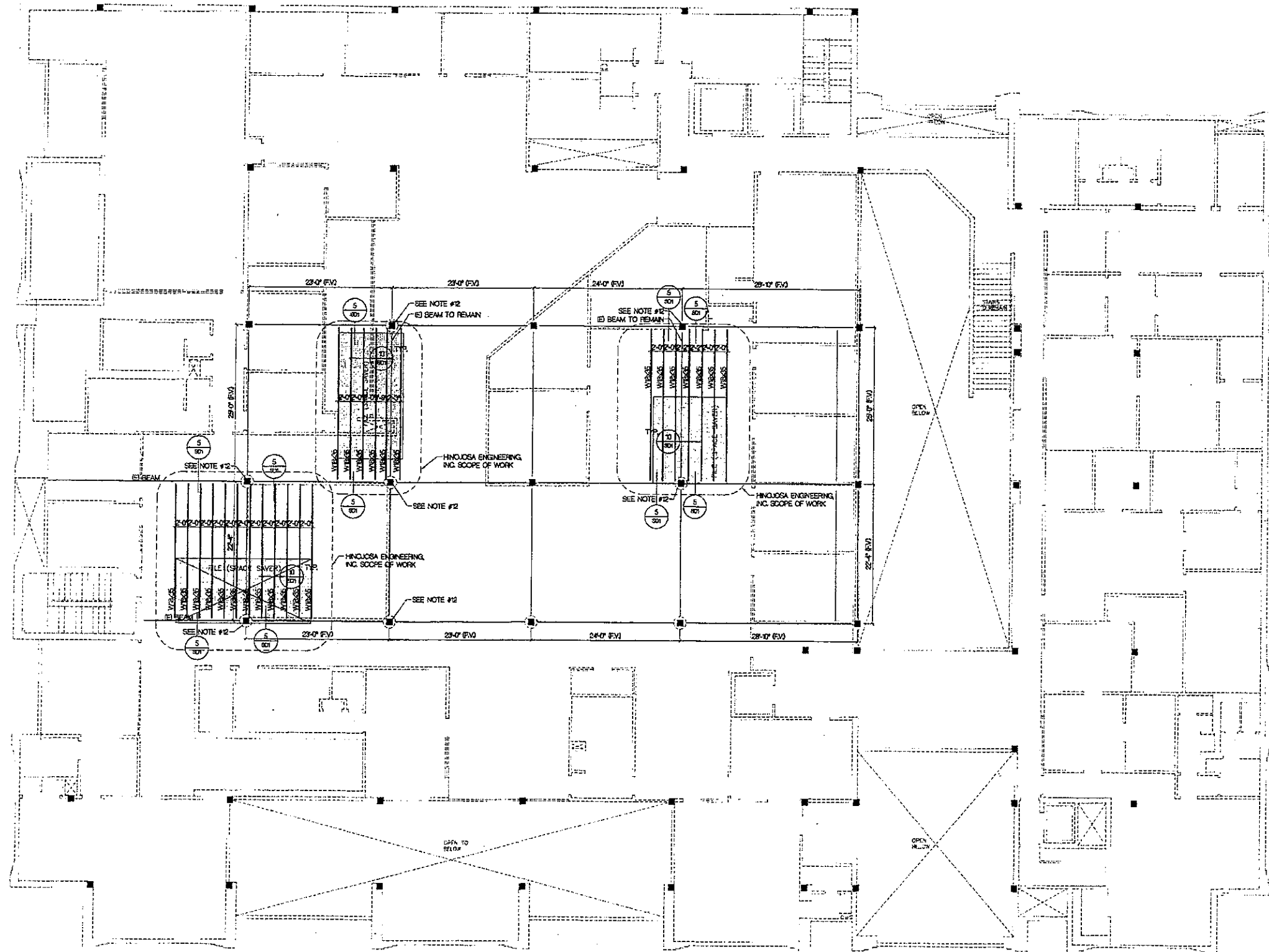
Alcázar García Associates, Inc.
 Design Consulting
 1333 E. Jamine Ave.
 Arlington, Texas 76010
 Office: 817.424.8007
 Fax: 817.424.8008
 Web: www.aga.com

**1st AND 2nd FLOORS REMODEL
 FORMER ADMINISTRATION BUILDING
 HIDALGO COUNTY, TEXAS
 CITY OF EDINBURG, TEXAS**

THE USE OF THESE DRAWINGS IS RESTRICTED TO THE ORIGINAL PURPOSE FOR WHICH THEY WERE INTENDED. REPRODUCTION WITHOUT WRITTEN PERMISSION FROM THE OWNER IS PROHIBITED.

PROJECT # 08-199
 ISSUED: 03-05-08
 DRAWN BY: TH, MG
 CHECKED BY: AT
 FILE NAME:
 SHEET:

S3.



1 3RD FLOOR FRAMING PLAN
 Scale: VP-1/0'

FRAMING NOTES

1. FOR GENERAL NOTES SEE SHEET S11
2. FOR TYPICAL DETAILS SEE SHEET S01
3. CONTRACTOR IS TO FIELD VERIFY ALL DIMENSIONS SHOWN ON THESE DRAWINGS REFERENCE ARCHITECTURAL AND MEP DRAWINGS FOR ADDITIONAL INFORMATION.
4. REFER TO ARCH. PLANS FOR DEMOLITION EXTENT.
5. THIS IS A RENOVATION PROJECT AND UNFORSEEN ITEMS MIGHT BE DISCOVERED. THE OWNER, ARCHITECT AND CONTRACTOR SHALL ALLOW FOR SOME ADDITIONAL COST FOR ANY SUCH DISCOVERY.
6. NOT ALL EXISTING STRUCTURAL MEMBERS ARE NOTED ON THESE PLANS. CONTRACTOR IS TO FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO COMMENCING ANY WORK.
7. IN THE EVENT THAT THE EXISTING SLAB THICKNESS DIFFERS THAN SHOWN ON PLAN & DETAILS, CONTRACTOR IS TO CONTACT ENGINEER.
8. TEMPORARY SHORE EXISTING MEMBERS THAT WILL BE WELDED. REMOVE ALL LIVE LOADS FROM MEMBERS TO BE REINFORCED.
9. PROVIDE ISOLATORS ON MECHANICAL UNITS ON FLOOR.
10. CONTRACTOR SHOULD ANTICIPATE REINFORCING EXISTING COLUMNS AS PER DETAIL 10/S01. A UNIT COST SHOULD BE ALLOCATED ON BID FORM.
11. IT IS THE CONTRACTORS RESPONSIBILITY TO INSURE THAT ALL BEAMS, COLUMNS, AND JOISTS ARE SHORED/ BRACED PRIOR TO DEMOLITION.
12. IT IS THE CONTRACTORS RESPONSIBILITY TO ANTICIPATE REINFORCING E3 COLUMNS AT THE 1ST & 2ND FLOOR AS PER DETAIL 14/S01. A UNIT COST SHOULD BE ALLOCATED ON BID FORM.
13. THE STEEL BEAM SIZES SUPPORTING THE SPACE SAVERS WILL CHANGE ONCE THE OWNER HAS SELECTED A MANUFACTURED AND LAYOUT. THIS AREA HAS BEEN DESIGNED FOR A DISTRIBUTED DEAD LOAD OF 80psf INCLUDING THE BEAM WEIGHT AND A DISTRIBUTED LIVE LOAD OF 32psf.
14. ONCE DEMOLITION IS DONE AND EXISTING MEMBERS ARE EXPOSED TO VIEW, CONTACT STRUCTURAL ENGINEER TO VERIFY ASSUMED EXISTING MEMBERS. ONCE MEMBERS ARE VERIFIED, STRUCTURAL ENGINEER WILL DIRECT WHICH EXISTING MEMBERS NEED ADDITIONAL REINFORCEMENT.

HINOJOSA ENGINEERING, INC. EXPRESSLY DISCLAIMS ITS COMMON LAW LIABILITY AND OTHER PROPERTY RIGHTS IN THIS DOCUMENT. THIS DOCUMENT SHALL NOT BE REPRODUCED, COPIED, CHANGED OR DISCLOSED IN ANY FORM OR MANNER UNLESS OTHERWISE SPECIFIED. DRAWING NUMBER: W08011701

HINOJOSA ENGINEERING, INC.
 1333 E. JANTZEN, AVE.
 MEADOWS, TEXAS 75077
 OFFICE: 972.618.8207
 FAX: 972.618.2004
 WWW.HINOJOSA.COM

AGA
 DESIGN CONSULTANTS
 Alcocer Garcia Associates, Inc.
 Design Consulting
 1333 E. JANTZEN, AVE.
 MEADOWS, TEXAS 75077
 OFFICE: 972.618.8207
 FAX: 972.618.2004
 WWW.AGACOM.COM

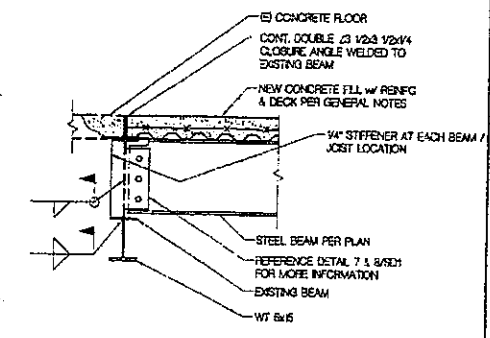
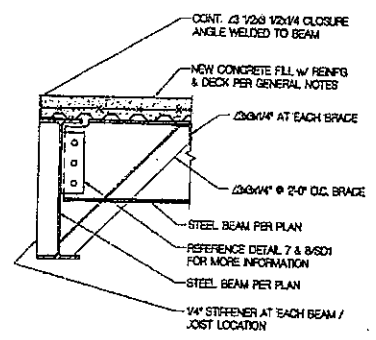
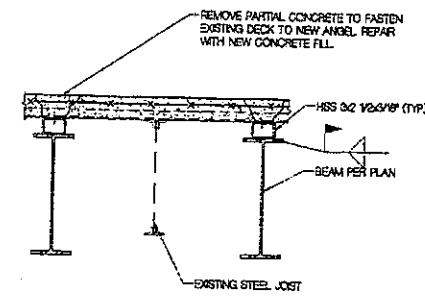
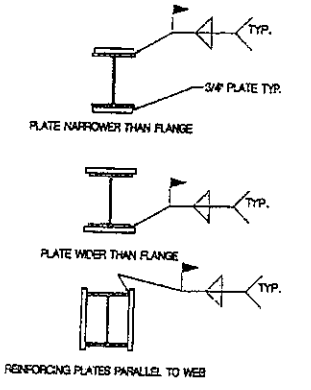
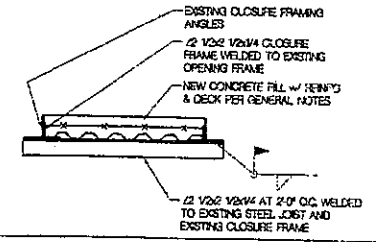
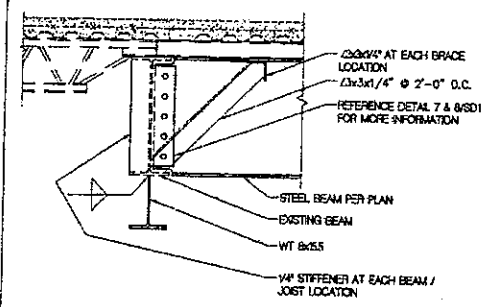
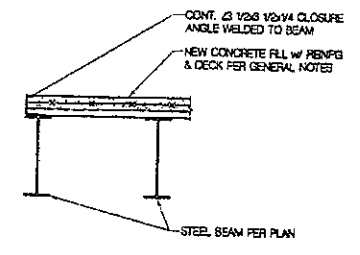
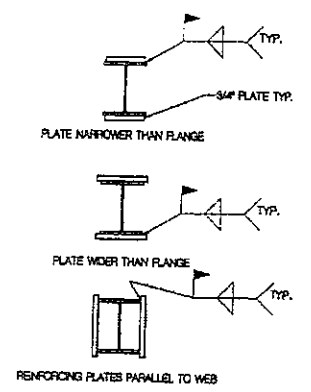
**1st AND 2nd FLOORS REMODEL
 FORMER ADMINISTRATION BUILDING
 HIDALGO COUNTY, TEXAS
 CITY OF EDINBURG, TEXAS**

THE USE OF THESE DRAWINGS IS RESTRICTED TO THE ORIGINAL PURPOSE FOR WHICH THEY WERE INTENDED. REPRODUCTION WITHOUT WRITTEN PERMISSION FROM THE OWNER IS PROHIBITED.

PROJECT # 08-189
 ISSUED: 03-03-09
 DRAWN BY: IN, MG
 CHECKED BY: AT
 FILE NAME:
 SHEET:

SD1

DETAIL NOT USED	17	EXISTING COLUMN REINFORCEMENT	13	[REDACTED]	9	BEAM TO BEAM CONNECTION	5	OPENING FRAMING	1
DETAIL NOT USED	18	EXISTING COLUMN REINFORCEMENT	14	SUBFRAMING	10	BEAM TO BEAM CONNECTION	6	BEAM TO BEAM CONNECTION	2
DETAIL NOT USED	19	DETAIL NOT USED	15	DETAIL NOT USED	11	TYPICAL STEEL BEAM CONNECTION SCHEDULE	7	BEAM TO BEAM CONNECTION	3
DETAIL NOT USED	20	DETAIL NOT USED	16	DETAIL NOT USED	12	TYPICAL BEAM TO BEAM CONNECTION	8	DECK TO BEAM CONNECTION	4

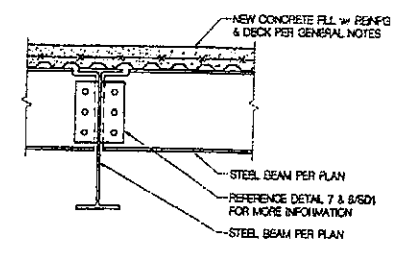


BEAM DEPTH (")	SHEAR STIFF PLATE	NO. & SIZE OF A325 BOLTS	WELD SIZE
8/0	1/4	(2) 5/8" DIA	1/4"
12/4	1/4	(3) 3/4" DIA	1/4"
16	3/8	(4) 3/4" DIA	3/8"
18	3/8	(3) 3/4" DIA	3/8"
21	1/2	(2) 3/4" DIA	3/8"
24	1/2	(2) 3/4" DIA	3/8"
27	3/4	(3) 3/4" DIA	3/8"

NUMBER OF BOLTS PER SCHEDULE
 REPAIR PLATE FOR REPAIR BEAM AS OCCURS
 PLATE THICKNESS PER SCHEDULE
 COLUMN PER PLAN

PLATE WHEREVER LOAD TO EXTENT THREE COLUMN

PLAN VIEW



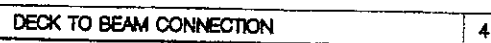
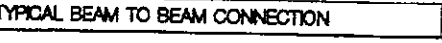
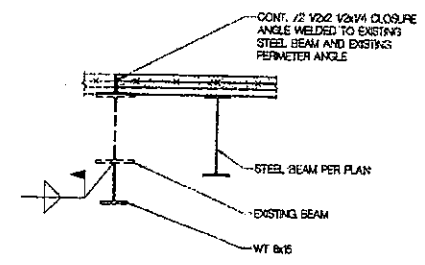
BEAM DEPTH (")	SHEAR STIFF PLATE	NO. & SIZE OF A325 BOLTS	WELD SIZE	REMARKS
8/0	1/4	(2) 3/4" DIA	3/8"	
12/4	3/8	(3) 3/4" DIA	1/4"	
16	3/8	(4) 3/4" DIA	1/4"	
18	1/2	(3) 3/4" DIA	3/8"	
21	1/2	(3) 3/4" DIA	3/8"	
24	1/2	(2) 3/4" DIA	3/8"	

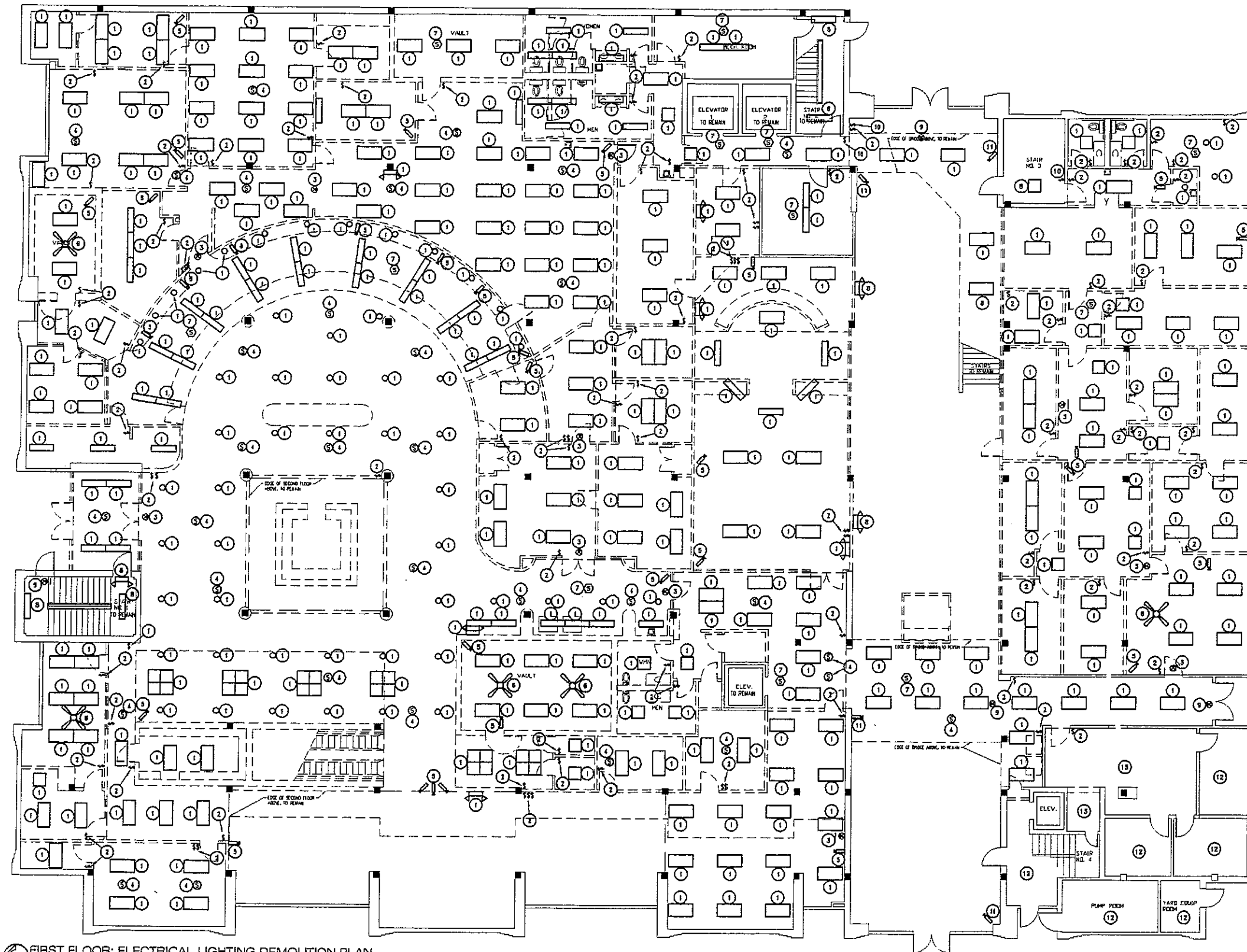
1/4" THK STIFFENER PLATE IF BEAM IS ONE SIDE ONLY

THREE SIDES 3/16"

SHEAR PLATE PER SCHEDULE

PER SCHEDULE





FIRST FLOOR: ELECTRICAL LIGHTING DEMOLITION PLAN
SCALE: 1/8" = 1'-0"

M.E.P. GENERAL DEMOLITION NOTES:

- A. INFORMATION ON THIS PLAN HAS BEEN OBTAINED FROM EXISTING DRAWINGS AND SITE SURVEY. CONTRACTOR SHALL VERIFY EXISTING CONDITIONS AND BECOME FULLY INFORMED AS TO THE EXTENT OF WORK PRIOR TO BOOKING OR COMMENCING WORK. ANY DISCREPANCIES BETWEEN EXISTING CONDITIONS AND CONSTRUCTION DOCUMENTS SHALL BE REPORTED IMMEDIATELY TO THE ENGINEER AND/OR ARCHITECT.
- B. THE CONTRACTOR IS FULLY RESPONSIBLE FOR PERFORMING THE DEMOLITION WORK UNDER THIS SECTION OF THE PROJECT IN FULL COMPLIANCE WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL CODES. IF THE CONTRACTOR DETERMINES THAT THE CONSTRUCTION DOCUMENTS AND PLANS ARE NOT IN COMPLIANCE WITH THE APPLICABLE CODES, HE SHALL INFORM THE ARCHITECT PRIOR TO CONSTRUCTION START FOR DIRECTION. FAILURE TO DO SO SHALL NOT RELIEVE THE CONTRACTOR OF HIS RESPONSIBILITY TO MEET CODE REQUIREMENTS AND REWORK SHALL BE AT CONTRACTOR'S EXPENSE. APPLICABLE CODES AND STANDARDS ON DEMOLITION WORK SHALL INCLUDE THOSE PUBLISHED BY OSHA AND EPA. APPLICABLE CODES AND STANDARDS ON DEMOLITION WORK SHALL INCLUDE THOSE PUBLISHED BY OSHA AND EPA. AN ASBESTOS SURVEY SHALL BE KEPT ON SITE AT ALL TIMES PER TEXAS DEPARTMENT OF HEALTH REQUIREMENTS.
- C. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COMPLETE THE NECESSARY DEMOLITION. CONTRACTOR SHALL PATCH AND REPAIR ALL BUILDING DAMAGE CREATED BY DEMOLITION WORK. PATCHING SHALL BE COMPLETED WITH THE SAME MATERIALS AS THE SURROUNDING AREAS OR WITH ARCHITECT APPROVED PATCHING MATERIALS.
- D. ALL OPENINGS CUT IN MASONRY AND PLASTER WALLS OR CONCRETE FLOORS SHALL BE CORE-DILLED OR SAVED WHEN POSSIBLE. CONTRACTOR SHALL CHECK BUILDING CONSTRUCTION WITH STRUCTURAL ENGINEER BEFORE MAKING PENETRATIONS TO AVOID CUTTING THROUGH STRUCTURAL BEAMS AND REINFORCING. CONTRACTOR SHALL INFORM THE ENGINEER IF REINFORCING IS CUT OR DAMAGED WHILE MAKING OPENINGS AS REQUIRED BY DRAWINGS AND SPECIFICATIONS.
- E. CONTRACTOR SHALL REMOVE AND RETURN ANY AND ALL EXISTING EQUIPMENT/MATERIALS TO OWNER. OWNER SHALL HAVE FULL RIGHT OF OWNERSHIP UNLESS SPECIFIED OTHERWISE. IF THE OWNER WIVES THIS OPTION, ANY EQUIPMENT, MATERIAL, ETC SHALL BECOME THE PROPERTY OF THE CONTRACTOR.
- F. SCHEDULE FOR ALL POWER OUTAGES SHALL BE APPROVED PRIOR TO DEMOLITION.
- G. ON ANY WORK SHOWN ON M.E.P. DRAWINGS WHICH REQUIRES DEMOLITION OF BUILDING STRUCTURES AND FINISHES, IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COMPLETE THE NECESSARY DEMOLITION. CONTRACTOR SHALL PATCH AND REPAIR ALL BUILDING DAMAGE CREATED BY DEMOLITION WORK. PATCHING SHALL BE COMPLETED WITH THE SAME MATERIALS AS THE SURROUNDING AREAS, OR WITH ARCHITECT-APPROVED PATCHING MATERIALS.
- H. CONTRACTOR AND OWNER SHALL BE FULLY RESPONSIBLE TO IDENTIFY ANY AND ALL ASBESTOS PRESENT IN THE BUILDING PRIOR TO DEMOLITION AS REQUIRED BY LAW.
- I. COORDINATION AMONG OTHER CONSTRUCTION DISCIPLINES PRIOR TO DEMOLITION IS MANDATORY.
- J. CONDUITS IN EXISTING WALLS MAY REMAIN. REMOVE CONDUCTORS AND CUT OFF AT CLOSEST ACCESSIBLE POINT ABOVE CEILING.

DEMOLITION KEY NOTES:

- 1 EXISTING LIGHTS FIXTURE SHALL BE REMOVED.
- 2 EXISTING WALL SWITCH OR SWITCHES SHALL BE REMOVED.
- 3 EXIT LIGHTS SHALL BE REMOVED.
- 4 SPOWNER SHALL BE REMOVED.
- 5 CAMERA SHALL BE REMOVED.
- 6 FAN SHALL BE REMOVED.
- 7 SMOKE DETECTOR SHALL BE REMOVED.
- 8 EXISTING LIGHT TO REMAIN.
- 9 EXISTING EXIT LIGHT TO REMAIN.
- 10 EXISTING WALL SWITCH OR SWITCHES TO REMAIN.
- 11 EXISTING CAMERA TO REMAIN.
- 12 EXISTING LIGHTING IN ROOM TO REMAIN.
- 13 EXISTING LIGHTING TO BE REMOVED IN ROOM. FIELD VERIFY EXISTING CONDITIONS.

AGA
UNIVERSITY CENTRAL LIVING
Alto Garcia Associates, Inc.
Design Consulting
1333 L. Jeanette Ave.
Arlington, Texas 76010
Office: 956.618.2087
Fax: 956.618.2088
Web: WWW.AGADCC.COM

**1st AND 2nd FLOORS REMODEL
FORMER ADMINISTRATION BUILDING
HIDALGO COUNTY, TEXAS
CITY OF EDINBURG, TEXAS**

THE USE OF THESE DRAWINGS IS RESTRICTED TO THE ORIGINAL PURPOSE FOR WHICH THEY WERE INTENDED. REPRODUCTION WITHOUT WRITTEN PERMISSION FROM THE OWNER IS PROHIBITED.

PROJECT #	08072
ISSUED:	03/05/09
DRAWN BY:	
CHECKED BY:	
FILE NAME:	
SHEET:	

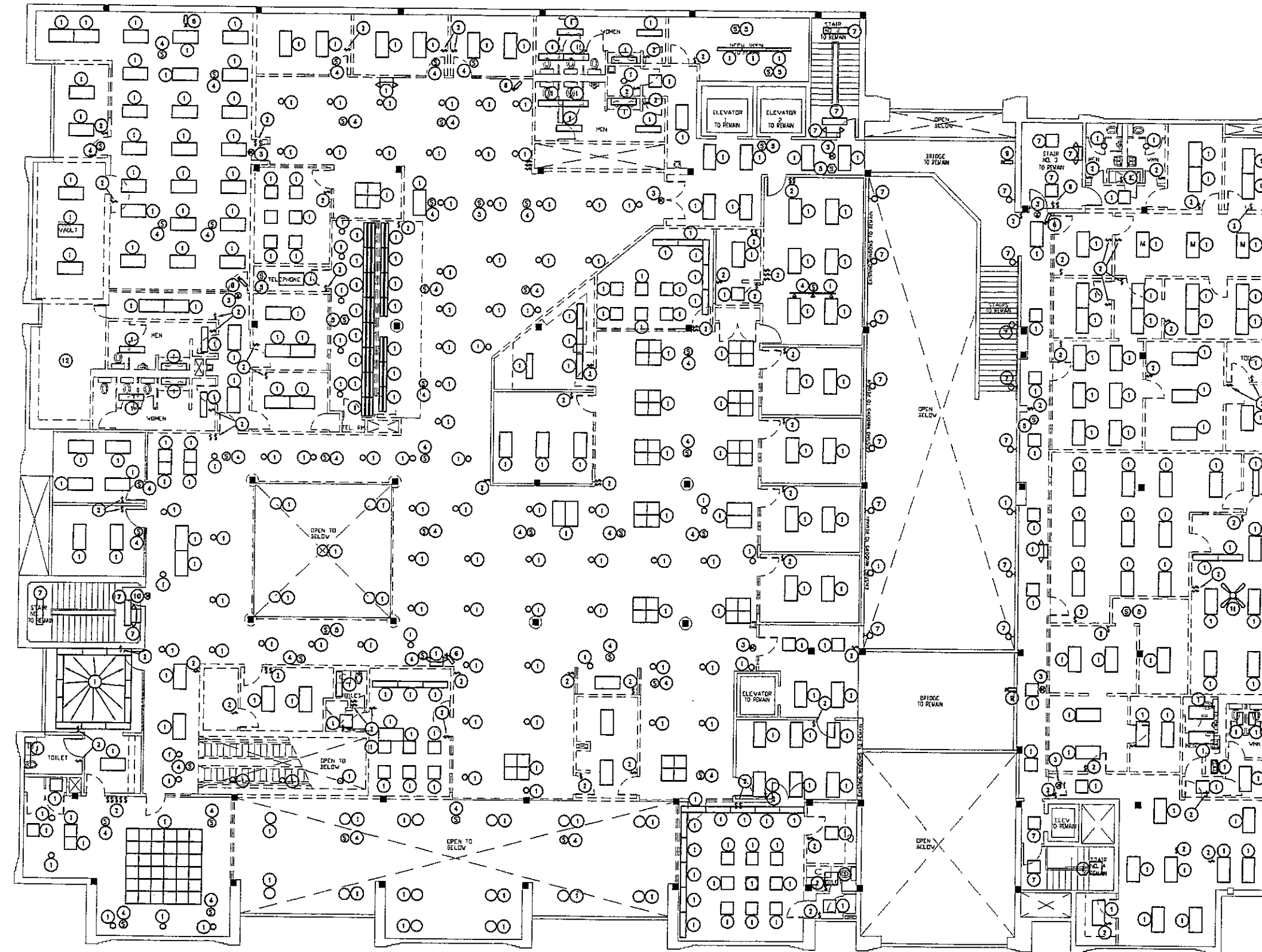
MEP SOLUTIONS ENGINEERING
MECHANICAL, ELECTRICAL, PLUMBING ENGINEERS
600 E. BEAUMONT AVE., SUITE 211 DALLAS, TX 75201 (214) 644-0727

M.E.P. GENERAL DEMOLITION NOTES:

- A. INFORMATION ON THIS PLAN HAS BEEN OBTAINED FROM EXISTING DRAWINGS AND SITE SURVEY. CONTRACTOR SHALL VERIFY EXISTING CONDITIONS AND BECOME FULLY INFORMED AS TO THE EXTENT OF WORK PRIOR TO BIDDING OR COMMENCING WORK. ANY DISCREPANCIES BETWEEN EXISTING CONDITIONS AND CONSTRUCTION DOCUMENTS SHALL BE REPORTED IMMEDIATELY TO THE ENGINEER AND/OR ARCHITECT.
- B. THE CONTRACTOR IS FULLY RESPONSIBLE FOR PERFORMING THE DEMOLITION WORK UNDER THIS SECTION OF THE PROJECT IN FULL COMPLIANCE WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL CODES. IF THE CONTRACTOR DETERMINES THAT THE CONTRACT DOCUMENTS AND PLANS ARE NOT IN COMPLIANCE WITH THE APPLICABLE CODES, HE SHALL INFORM THE ARCHITECT PRIOR TO CONSTRUCTION START FOR DIRECTION. FAILURE TO DO SO SHALL NOT RELIEVE THE CONTRACTOR OF HIS RESPONSIBILITY TO MEET CODE REQUIREMENTS AND REMOVE SHALL BE AT CONTRACTOR'S EXPENSE. APPLICABLE CODES AND STANDARDS ON DEMOLITION WORK SHALL INCLUDE THOSE APPLICABLE CODES AND STANDARDS ON PUBLISHED BY OSHA AND EPA. DEMOLITION WORK SHALL INCLUDE THOSE PUBLISHED BY OSHA AND EPA. AN ASBESTOS SURVEY SHALL BE KEPT ON SITE AT ALL TIMES PER TEXAS DEPARTMENT OF HEALTH REQUIREMENTS.
- C. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COMPLETE THE NECESSARY DEMOLITION. CONTRACTOR SHALL PATCH AND REPAIR ALL BUILDING DAMAGE CREATED BY DEMOLITION WORK. PATCHING SHALL BE COMPLETED WITH THE SAME MATERIALS AS THE SURROUNDING AREAS, OR WITH ARCHITECT APPROVED PATCHING MATERIALS.
- D. ALL OPENINGS CUT IN MASONRY AND PLASTER WALLS OR CONCRETE FLOORS SHALL BE CORE-DRILLED OR SAVED WHEN POSSIBLE. CONTRACTOR SHALL CHECK BUILDING CONSTRUCTION WITH STRUCTURAL ENGINEER BEFORE MAKING PENETRATIONS TO AVOID CUTTING THROUGH STRUCTURAL BEAMS AND REINFORCING. CONTRACTOR SHALL INFORM THE ENGINEER IF REINFORCING IS CUT OR DAMAGED WHILE MAKING OPENINGS AS REQUIRED BY DRAWINGS AND SPECIFICATIONS.
- E. CONTRACTOR SHALL REMOVE AND RETURN ANY AND ALL EXISTING EQUIPMENT/MATERIALS TO OWNER. OWNER SHALL HAVE FULL RIGHT OF OWNERSHIP UNLESS SPECIFIED OTHERWISE. IF THE OWNER WAIVES THIS OPTION, ANY EQUIPMENT, MATERIAL, ETC SHALL BECOME THE PROPERTY OF THE CONTRACTOR.
- F. SCHEDULE FOR ALL POWER OUTAGES SHALL BE APPROVED PRIOR TO DEMOLITION.
- G. ON ANY WORK SHOWN ON M.E.P. DRAWINGS WHICH REQUIRES REMOVAL OF BUILDING STRUCTURES AND FINISHES, IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COMPLETE THE NECESSARY DEMOLITION. CONTRACTOR SHALL PATCH AND REPAIR ALL BUILDING DAMAGE CREATED BY DEMOLITION WORK. PATCHING SHALL BE COMPLETED WITH THE SAME MATERIALS AS THE SURROUNDING AREAS, OR WITH ARCHITECT-APPROVED PATCHING MATERIALS.
- H. CONTRACTOR AND OWNER SHALL BE FULLY RESPONSIBLE TO IDENTIFY ANY AND ALL ASBESTOS PRESENT IN THE BUILDING PRIOR TO DEMOLITION AS REQUIRED BY LAW.
- I. COORDINATION AMONG OTHER CONSTRUCTION DISCIPLINES PRIOR TO DEMOLITION IS MANDATORY.
- J. CONDUITS IN EXISTING WALLS MAY REMAIN. REMOVE CONDUITORS AND CUT OF AT CLOSEST ACCESSIBLE POINT ABOVE CEILING.

DEMOLITION KEY NOTES:

- 1 LIGHTS FIXTURE SHALL BE REMOVED.
- 2 WALL SWITCH OR SWITCHES SHALL BE REMOVED.
- 3 EXIT LIGHTS SHALL BE REMOVED.
- 4 SPEAKER SHALL BE REMOVED.
- 5 SMOKE DETECTOR SHALL BE REMOVED.
- 6 CAMERA SHALL BE REMOVED.
- 7 EXISTING LIGHT TO REMAIN.
- 8 EXISTING WALL SWITCH OR SWITCHES TO REMAIN.
- 9 EXISTING CAMERA TO REMAIN.
- 10 EXISTING EXIT LIGHT TO REMAIN.
- 11 FAN TO BE REMOVED.
- 12 EXISTING LIGHTING TO BE REMOVED IN ROOM. FIELD VERIFY EXISTING CONDITIONS.



SECOND FLOOR: ELECTRICAL LIGHTING DEMOLITION PLAN
SCALE: 1/8" = 1'-0"



Alcázar García Associates, Inc.
Design Consulting
1333 E. Justice Ave.
McAllen, Texas 78501
Office: 956.618.2007
Fax: 956.618.2008
Web: WWW.AGAC.COM

**1st AND 2nd FLOORS REMODEL
FORMER ADMINISTRATION BUILDING
HIDALGO COUNTY, TEXAS
CITY OF EDINBURG, TEXAS**

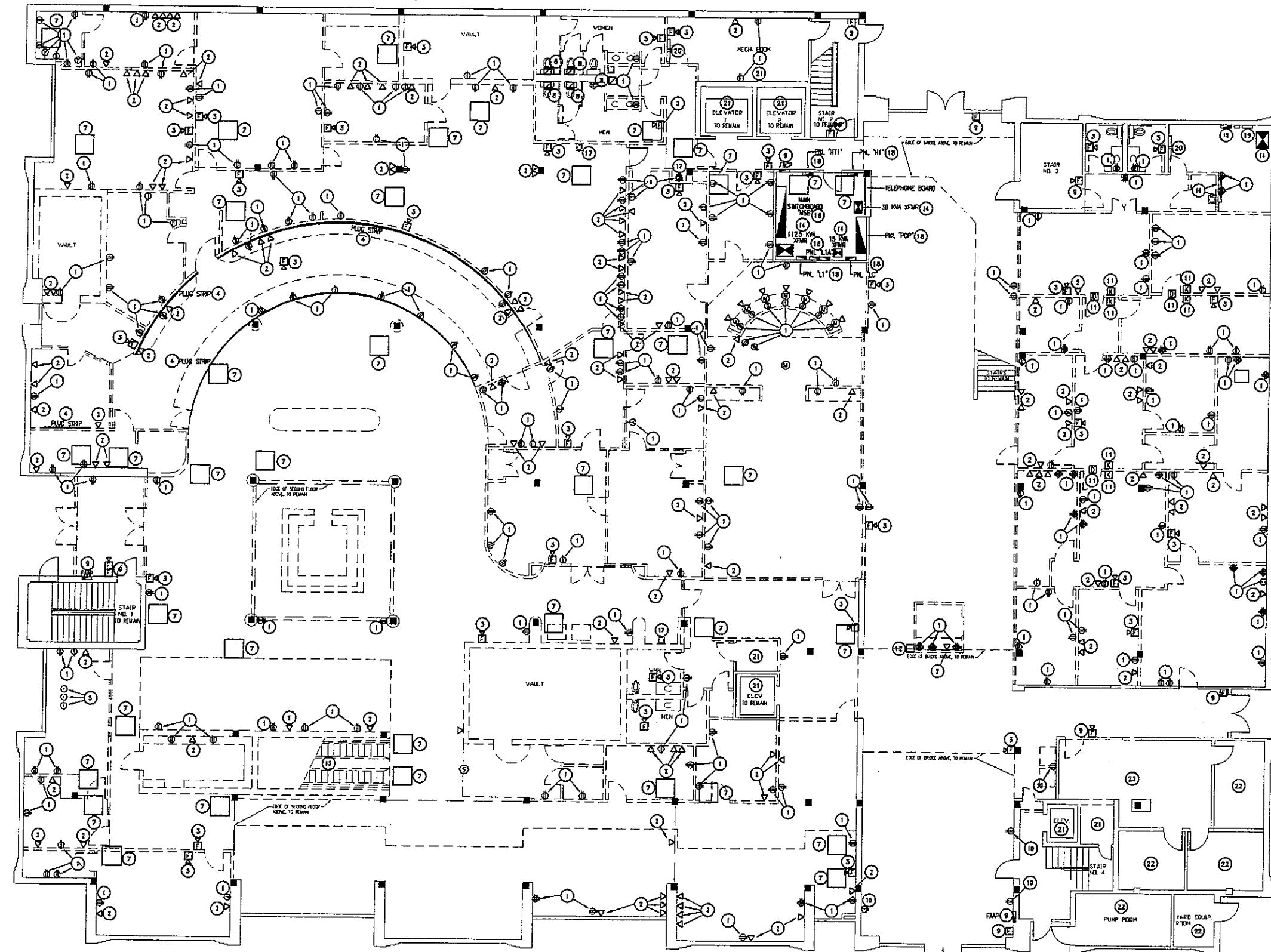
THE USE OF THESE DRAWINGS IS RESTRICTED TO THE ORIGINAL PURPOSE FOR WHICH THEY WERE INTENDED. REPRODUCTION WITHOUT WRITTEN PERMISSION FROM THE OWNER IS PROHIBITED.

PROJECT #	08072
ISSUED:	03/05/09
DRAWN BY:	
CHECKED BY:	
FILE NAME:	

SHEET:



DE-2



FIRST FLOOR: ELECTRICAL POWER DEMOLITION PLAN
SCALE: 1/8" = 1'-0"

M.E.P. GENERAL DEMOLITION NOTES:

- A. INFORMATION ON THIS PLAN HAS BEEN OBTAINED FROM EXISTING DRAWINGS AND SITE SURVEY. CONTRACTOR SHALL VERIFY EXISTING CONDITIONS AND BECOME FULLY INFORMED AS TO THE EXTENT OF WORK PRIOR TO BEGING OR COMMENCING WORK. ANY DISCREPANCIES BETWEEN EXISTING CONDITIONS AND CONSTRUCTION DOCUMENTS SHALL BE REPORTED IMMEDIATELY TO THE ENGINEER AND/OR ARCHITECT.
- B. THE CONTRACTOR IS FULLY RESPONSIBLE FOR PERFORMING THE DEMOLITION WORK UNDER THIS SECTION OF THE PROJECT IN FULL COMPLIANCE WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL CODES. IF THE CONTRACTOR DETERMINES THAT THE CONTRACT DOCUMENTS AND PLANS ARE NOT IN COMPLIANCE WITH THE APPLICABLE CODES, HE SHALL INFORM THE ARCHITECT PRIOR TO CONSTRUCTION START FOR DIRECTION. FAILURE TO DO SO SHALL NOT RELIEVE THE CONTRACTOR OF HIS RESPONSIBILITY TO MEET CODE REQUIREMENTS AND REWORK SHALL BE AT CONTRACTOR'S EXPENSE. APPLICABLE CODES AND STANDARDS ON DEMOLITION WORK SHALL INCLUDE THOSE PUBLISHED BY OSHA AND EPA. APPLICABLE CODES AND STANDARDS ON DEMOLITION WORK SHALL INCLUDE THOSE PUBLISHED BY OSHA AND EPA. AN ASBESTOS SURVEY SHALL BE KEPT ON SITE AT ALL TIMES PER TEXAS DEPARTMENT OF HEALTH REQUIREMENTS.
- C. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COMPLETE THE NECESSARY DEMOLITION. CONTRACTOR SHALL PATCH AND REPAIR ALL BUILDING DAMAGE CREATED BY DEMOLITION WORK. PATCHING SHALL BE COMPLETED WITH THE SAME MATERIALS AS THE SURROUNDING AREAS, OR WITH ARCHITECT APPROVED PATCHING MATERIALS.
- D. ALL OPENINGS CUT IN MASONRY AND PLASTER WALLS ON CONCRETE FLOORS SHALL BE CORE-DRILLED OR SAVED WHEN POSSIBLE. CONTRACTOR SHALL CHECK BUILDING CONSTRUCTION WITH STRUCTURAL ENGINEER BEFORE MAKING PENETRATIONS TO AND CUTTING THROUGH STRUCTURAL BEAMS AND REINFORCING. CONTRACTOR SHALL INQUIRE THE ENGINEER IF REINFORCING IS CUT OR DAMAGED WHILE MAKING OPENINGS AS REQUIRED BY DRAWINGS AND SPECIFICATIONS.
- E. CONTRACTOR SHALL REMOVE AND RETURN ANY AND ALL EXISTING EQUIPMENT/MATERIALS TO OWNER. OWNER SHALL HAVE FULL RIGHT OF OWNERSHIP UNLESS SPECIFIED OTHERWISE. IF THE OWNER WISHES THIS OPTION, ANY EQUIPMENT, MATERIAL, ETC SHALL BECOME THE PROPERTY OF THE CONTRACTOR.
- F. SCHEDULE FOR ALL POWER OUTAGES SHALL BE APPROVED PRIOR TO DEMOLITION.
- G. ON ANY WORK SHOWN ON M.E.P. DRAWINGS WHICH REQUIRES DEMOLITION OF BUILDING STRUCTURES AND FINISHES, IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COMPLETE THE NECESSARY DEMOLITION. CONTRACTOR SHALL PATCH AND REPAIR ALL BUILDING DAMAGE CREATED BY DEMOLITION WORK. PATCHING SHALL BE COMPLETED WITH THE SAME MATERIALS AS THE SURROUNDING AREAS, OR WITH ARCHITECT-APPROVED PATCHING MATERIALS.
- H. CONTRACTOR AND OWNER SHALL BE FULLY RESPONSIBLE TO IDENTIFY ANY AND ALL ASBESTOS PRESENT IN THE BUILDING PRIOR TO DEMOLITION AS REQUIRED BY LAW.
- I. COORDINATION AMONG OTHER CONSTRUCTION DISCIPLINES PRIOR TO DEMOLITION IS MANDATORY.
- J. CONDUITS IN EXISTING WALLS MAY REMAIN. REMOVE CONDUCTORS AND CUT OFF AT CLOSEST ACCESSIBLE POINT ABOVE CEILING.
- K. ALL RECEPTACLES, DATA, AND TELEPHONE DEVICES NOTED TO REMAIN SHALL BE EXTENDED TO A DIFFERENT HEIGHT. REFER TO SHEET E-3.
- L. ALL FIRE ALARM DEVICES SHALL REMAIN UNLESS OTHERWISE NOTED.

DEMOLITION KEY NOTES:

- 1 EXISTING RECEPTACLE SHALL BE REMOVED.
- 2 EXISTING DATA SHALL BE REMOVED.
- 3 EXISTING FIRE ALARM DEVICE SHALL BE REMOVED.
- 4 EXISTING STRIP PLUG SHALL BE REMOVED.
- 5 EXISTING FLOOR BOX TO BE REMOVED.
- 6 EXISTING AIR HANDLING UNIT AND ASSOCIATED ELECTRICAL SHALL BE REMOVED.
- 7 EXISTING FAN COIL UNIT AND ASSOCIATED ELECTRICAL SHALL BE REMOVED.
- 8 EXISTING EXHAUST FAN AND ASSOCIATED ELECTRICAL SHALL BE REMOVED.
- 9 EXISTING FIRE ALARM DEVICE SHALL REMAIN.
- 10 EXISTING RECEPTACLE SHALL REMAIN.
- 11 EXISTING SECURITY DEVICE SHALL BE REMOVE.
- 12 EXISTING POWER POLE SHALL BE REMOVE.
- 13 EXISTING ESCALATOR AND ASSOCIATED ELECTRICAL SHALL BE REMOVED.
- 14 EXISTING TRANSFORMER TO REMAIN.
- 15 EXISTING SWITCHBOARD "A" TO REMAIN.
- 16 EXISTING PANEL TO BE REMOVED.
- 17 EXISTING WATER COOLER AND ASSOCIATED ELECTRICAL SHALL BE REMOVED.
- 18 EXISTING PANEL TO REMAIN.
- 19 EXISTING CIRCUIT BREAKER TO REMAIN.
- 20 EXISTING FIRE ALARM EXTENDER PANEL TO REMAIN.
- 21 EXISTING ELEVATOR EQUIPMENT TO REMAIN.
- 22 EXISTING RECEPTACLES AND TELEPHONE/DATA TO REMAIN.
- 23 EXISTING RECEPTACLES AND TELEPHONE/DATA TO BE REMOVED IN ROOM. FOLD VERIFY EXISTING CONDITIONS.

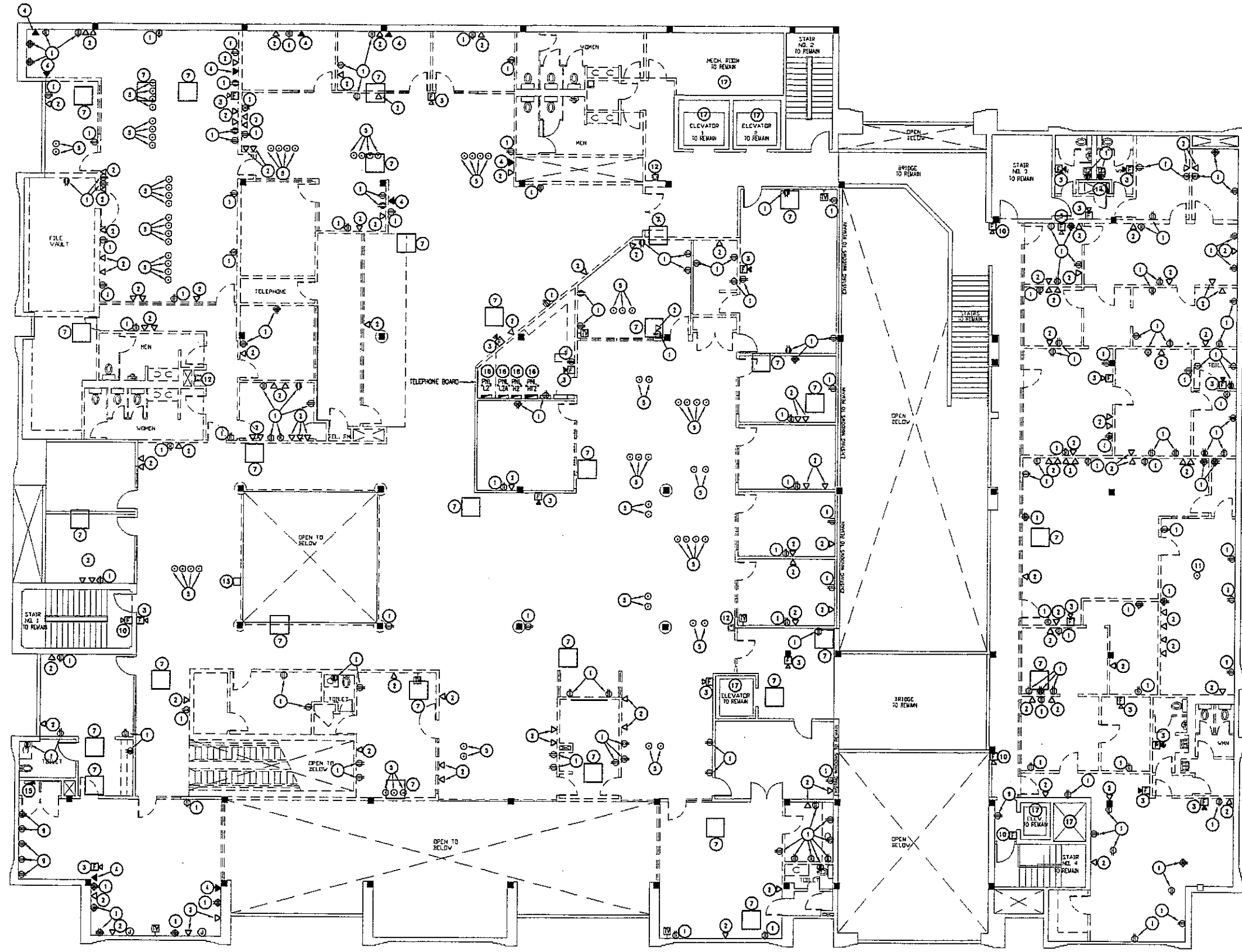
AGA
ASSOCIATION CONSULTANTS
Alcócer García Associates, Inc.
Design Consulting
1333 E. Jamble Ave.
Arlington, Texas 76010
Office: 817.618.2007
Fax: 817.618.2008
Web: WWW.AGACONC.COM

**1st AND 2nd FLOORS REMODEL
FORMER ADMINISTRATION BUILDING**
HIDALGO COUNTY, TEXAS
CITY OF EDINBURG, TEXAS

THE USE OF THESE DRAWINGS IS RESTRICTED TO THE ORIGINAL PURPOSE FOR WHICH THEY WERE INTENDED. REPRODUCTION WITHOUT WRITTEN PERMISSION FROM THE OWNER IS PROHIBITED.

PROJECT # 08072
ISSUED: 03/05/09
DRAWN BY:
CHECKED BY:
FILE NAME:
SHEET:

MEP SOLUTIONS
ENGINEERING
MECHANICAL, ELECTRICAL, PLUMBING ENGINEERS
302 E. SEAMONTH AVE. SUITE 7 HOUSTON, TX 77051 (281) 964-2727



SECOND FLOOR: ELECTRICAL POWER DEMOLITION PLAN
 SCALE: 1/8" = 1'-0"

M.E.P. GENERAL DEMOLITION NOTES:

- A. INFORMATION ON THIS PLAN HAS BEEN OBTAINED FROM EXISTING DRAWINGS AND SITE SURVEY. CONTRACTOR SHALL VERIFY EXISTING CONDITIONS AND BECOME FULLY INFORMED AS TO THE EXTENT OF WORK PRIOR TO BIDDING OR COMMENCING WORK. ANY DISCREPANCIES BETWEEN EXISTING CONDITIONS AND CONSTRUCTION DOCUMENTS SHALL BE REPORTED IMMEDIATELY TO THE ENGINEER AND/OR ARCHITECT.
- B. THE CONTRACTOR IS FULLY RESPONSIBLE FOR PERFORMING THE DEMOLITION WORK UNDER THIS SECTION OF THE PROJECT IN FULL COMPLIANCE WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL CODES. IF THE CONTRACTOR DETERMINES THAT THE CONTRACT DOCUMENTS AND PLANS ARE NOT IN COMPLIANCE WITH THE APPLICABLE CODES, HE SHALL INFORM THE ARCHITECT PRIOR TO CONSTRUCTION START FOR DIRECTION. FAILURE TO DO SO SHALL NOT RELIEVE THE CONTRACTOR OF HIS RESPONSIBILITY TO MEET CODE REQUIREMENTS AND REWORK SHALL BE AT CONTRACTOR'S EXPENSE. APPLICABLE CODES AND STANDARDS ON DEMOLITION WORK SHALL INCLUDE THOSE PUBLISHED BY OSHA AND EPA. APPLICABLE CODES AND STANDARDS ON DEMOLITION WORK SHALL INCLUDE THOSE PUBLISHED BY OSHA AND EPA. AN ASBESTOS SURVEY SHALL BE KEPT ON SITE AT ALL TIMES PER TEXAS DEPARTMENT OF HEALTH REQUIREMENTS.
- C. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COMPLETE THE NECESSARY DEMOLITION. CONTRACTOR SHALL PATCH AND REPAIR ALL BUILDING DAMAGE CREATED BY DEMOLITION WORK. PATCHING SHALL BE COMPLETED WITH THE SAME MATERIALS AS THE SURROUNDING AREAS, OR WITH ARCHITECT APPROVED PATCHING MATERIALS.
- D. ALL OPENINGS CUT IN MASONRY AND PLASTER WALLS OR CONCRETE FLOORS SHALL BE CORE-DRILLED OR SAVED WHEN POSSIBLE. CONTRACTOR SHALL CHECK BUILDING CONSTRUCTION WITH STRUCTURAL ENGINEER BEFORE MAKING PENETRATIONS TO AVOID CUTTING THROUGH STRUCTURAL BEAMS AND REINFORCING. CONTRACTOR SHALL INFORM THE ENGINEER IF REINFORCING IS CUT OR DAMAGED WHILE MAKING OPENINGS AS REQUIRED BY DRAWINGS AND SPECIFICATIONS.
- E. CONTRACTOR SHALL REMOVE AND RETAIN ANY AND ALL EXISTING EQUIPMENT/MATERIALS TO OWNER. OWNER SHALL HAVE FULL RIGHT OF OWNERSHIP UNLESS SPECIFIED OTHERWISE. IF THE OWNER WANTS THIS OPTION, ANY EQUIPMENT, MATERIAL, ETC SHALL BECOME THE PROPERTY OF THE CONTRACTOR.
- F. SCHEDULE FOR ALL POWER OUTAGES SHALL BE APPROVED PRIOR TO DEMOLITION.
- G. ON ANY WORK SHOWN ON M.E.P. DRAWINGS WHICH REQUIRES DEMOLITION OF BUILDING STRUCTURES AND FINISHES, IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COMPLETE THE NECESSARY DEMOLITION. CONTRACTOR SHALL PATCH AND REPAIR ALL BUILDING DAMAGE CREATED BY DEMOLITION WORK. PATCHING SHALL BE COMPLETED WITH THE SAME MATERIALS AS THE SURROUNDING AREAS, OR WITH ARCHITECT-APPROVED PATCHING MATERIALS.
- H. CONTRACTOR AND OWNER SHALL BE FULLY RESPONSIBLE TO IDENTIFY ANY AND ALL ASBESTOS PRESENT IN THE BUILDING PRIOR TO DEMOLITION AS REQUIRED BY LAW.
- I. COORDINATION AMONG OTHER CONSTRUCTION DISCIPLINES PRIOR TO DEMOLITION IS MANDATORY.
- J. CONDUITS IN EXISTING WALLS MAY REMAIN. REMOVE CONDUCTORS AND CUT OFF AT CLOSEST ACCESSIBLE POINT ABOVE GELING.
- K. ALL RECEPTACLES, DATA, AND TELEPHONE DEVICES NOTED TO REMAIN SHALL BE EXTENDED TO A DIFFERENT HEIGHT. REFER TO SHEET E-4.
- L. ALL FIRE ALARM DEVICES SHALL REMAIN UNLESS OTHERWISE NOTED.

DEMOLITION KEY NOTES:

- 1 EXISTING RECEPTACLE SHALL BE REMOVED.
- 2 EXISTING DATA SHALL BE REMOVED.
- 3 EXISTING FIRE ALARM DEVICE SHALL BE REMOVED.
- 4 EXISTING TELEPHONE SHALL BE REMOVED.
- 5 EXISTING FLOOR BOX TO BE REMOVED.
- 6 EXISTING AIR HANDLING UNIT AND ASSOCIATED ELECTRICAL SHALL BE REMOVED.
- 7 EXISTING FAN COIL UNIT AND ASSOCIATED ELECTRICAL SHALL BE REMOVED.
- 8 EXISTING EXHAUST FAN AND ASSOCIATED ELECTRICAL SHALL BE REMOVED.
- 9 EXISTING RECEPTACLE SHALL REMAIN.
- 10 EXISTING FIRE ALARM DEVICE SHALL REMAIN.
- 11 EXISTING FLOOR BOX SHALL BE REMOVED.
- 12 EXISTING WATER COOLER AND ASSOCIATED ELECTRICAL SHALL BE REMOVED.
- 13 EXISTING POWER POLE SHALL BE REMOVED.
- 14 EXISTING PANEL TO BE REMOVED.
- 15 EXISTING PANEL TO REMAIN. FURNISH AND INSTALL EXTERNAL T.V.S.S. DEVICE PER SPECIFICATIONS.
- 16 EXISTING PANEL TO REMAIN.
- 17 EXISTING ELEVATOR EQUIPMENT TO REMAIN.

AGA
 DESIGN CONSULTING
 Alcócer García Associates, Inc.
 Design Consulting
 1333 E. Janine Ave.
 McAllen, Texas 78501
 Office: 956.618.2007
 Fax: 956.618.2088
 Web: WWW.AGAC.COM

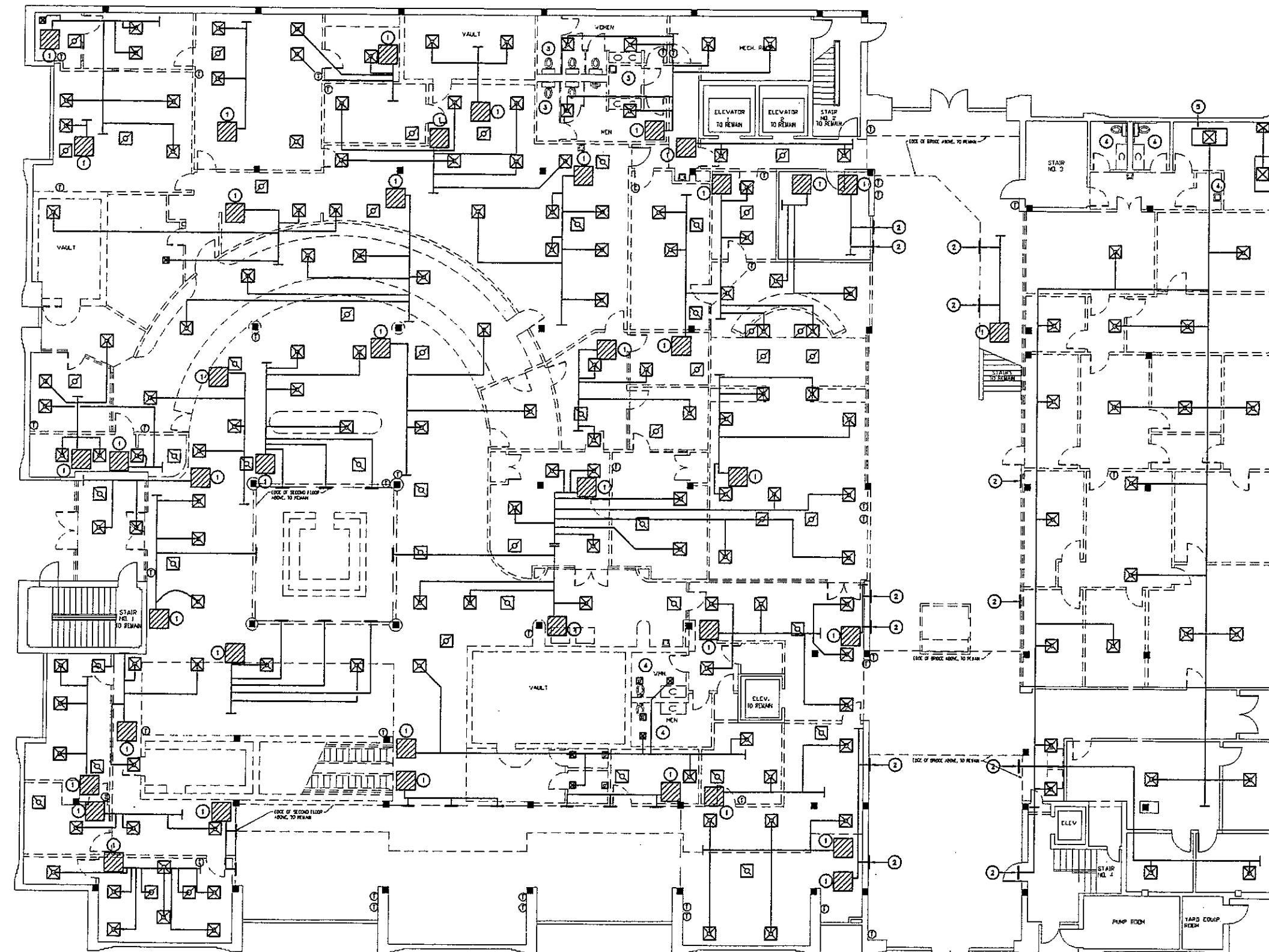
**1st AND 2nd FLOORS REMODEL
 FORMER ADMINISTRATION BUILDING
 HIDALGO COUNTY, TEXAS
 CITY OF EDINBURG, TEXAS**

THE USE OF THESE DRAWINGS IS RESTRICTED TO THE ORIGINAL PURPOSE FOR WHICH THEY WERE INTENDED. REPRODUCTION WITHOUT WRITTEN PERMISSION FROM THE OWNER IS PROHIBITED.

PROJECT # 08072
 ISSUED: 03/05/09
 DRAWN BY:
 CHECKED BY:
 FILE NAME:
 SHEET:

MEP SOLUTIONS
 ENGINEERING
 MECHANICAL, ELECTRICAL, PLUMBING ENGINEERS
 500 E. BEAUMONT AVE. SUITE 2 McALEEN, TX 78501 (361) 664-2727

DE-4



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

MECHANICAL GENERAL DEMOLITION NOTES:

- A. INFORMATION ON THE PLAN HAS BEEN OBTAINED FROM EXISTING DRAWINGS AND SITE SURVEY. CONTRACTOR SHALL VERIFY EXISTING CONDITIONS PRIOR TO COMMENCING WORK. ANY DISCREPANCIES BETWEEN EXISTING CONDITIONS AND CONSTRUCTION DOCUMENTS SHALL BE REPORTED IMMEDIATELY TO THE ENGINEER AND/OR ARCHITECT.
- B. THE CONTRACTOR IS FULLY RESPONSIBLE FOR PERFORMING THE DEMOLITION WORK UNDER THIS SECTION OF THE PROJECT IN FULL COMPLIANCE WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL CODES. IF THE CONTRACTOR DETERMINES THAT THE CONTRACT DOCUMENTS AND PLANS ARE NOT IN COMPLIANCE WITH THE APPLICABLE CODES, HE SHALL INFORM THE ARCHITECT PRIOR TO CONSTRUCTION START FOR DIRECTION. FAILURE TO DO SO SHALL NOT RELIEVE THE CONTRACTOR OF HIS RESPONSIBILITY TO MEET CODE REQUIREMENTS AND REMARK SHALL BE AT CONTRACTOR'S EXPENSE. APPLICABLE CODES AND STANDARDS ON DEMOLITION WORK SHALL INCLUDE THOSE PUBLISHED BY OSHA AND EPA. AN ASBESTOS SURVEY SHALL BE KEPT ON SITE AT ALL TIMES PER TEXAS DEPARTMENT OF HEALTH REQUIREMENTS.
- C. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COMPLETE THE NECESSARY DEMOLITION. CONTRACTOR SHALL PATCH AND REPAIR ALL BUILDING DAMAGE CREATED BY DEMOLITION WORK. PATCHING SHALL BE COMPLETED WITH THE SAME MATERIALS AS THE SURROUNDING AREA, OR WITH ARCHITECT APPROVED PATCHING MATERIALS.
- D. ALL OPENINGS CUT IN MASONRY AND PLASTER WALLS OR CONCRETE FLOORS SHALL BE CORE-DRILLED OR SAVED WHEN POSSIBLE. CONTRACTOR SHALL CHECK BUILDING CONSTRUCTION WITH STRUCTURAL ENGINEER BEFORE MAKING PENETRATIONS TO AVOID CUTTING THROUGH STRUCTURE. BEAMS AND REINFORCING CONTRACTOR SHALL INFORM THE ENGINEER IF REINFORCING IS CUT OR DAMAGED WHILE MAKING OPENINGS AS REQUIRED BY DRAWINGS AND SPECIFICATIONS. PATCH AND SEAL OPENINGS WITH 3000 PSI CEMENT GROUT. INSTALL DECORATIVE FISH (EQUIPMENT FLANGES, FRAMING, OR ESCUTCHEONS) AROUND OPENINGS IN FINISHED AREAS. COORDINATE ALL CUTTING AND PATCHING WITH THE OTHER TRADES.
- E. CONTRACTOR SHALL REMOVE AND RETURN ANY AND ALL EXISTING EQUIPMENT/MATERIALS TO OWNER. OWNER SHALL HAVE FULL RIGHT OF CHOICE UNLESS SPECIFIED OTHERWISE. IF THE OWNER WIVES DIS OPTION, ANY EQUIPMENT, MATERIAL, ETC SHALL BECOME THE PROPERTY OF THE CONTRACTOR.

DEMOLITION KEY NOTES:

- 1 REMOVE EXISTING FAN COIL UNIT, CONDENSATE DRAIN LINE, CHILLED WATER LINES, ASSOCIATED PNEUMATIC CONTROLS, DUCTWORK AND SUPPLY/RETURN AIR DEVICES BEING SERVED.
- 2 SIDE WALL REGISTERS SERVING ATRIUM SHALL REMAIN IN PLACE.
- 3 REMOVE EXISTING EXHAUST/SUPPLY DUCTWORK AND AIR DEVICES SERVING RESTROOMS AND JANITOR ROOM. EXISTING DUCT SYSTEMS BEING SERVED FROM CHASE SHALL BE CAPPED AT CHASE PENETRATOR.
- 4 REMOVE EXISTING EXHAUST FAN AND ASSOCIATED DUCTS/AIR DEVICES SERVING RESTROOMS.
- 5 REMOVE EXISTING AIR HANDLING UNIT, CONDENSATE DRAIN LINE, REFRIGERANT LINES, DUCT WORK, CONTROLS, AND SUPPLY/RETURN AIR DEVICES BEING SERVED.
- 6 EXISTING AIR HANDLING UNIT TO BE RELOCATED. REMOVE EXISTING CONDENSATE DRAIN LINE, REFRIGERANT LINES, DUCT WORK, CONTROLS, AND SUPPLY/RETURN AIR DEVICES BEING SERVED.

AGA
DESIGN CONSULTING
Alc6ter Garcia Associates, Inc.
Design Consulting
1333 E. Jasmine Ave.
McAllen, Texas 78501
Office: 956.618.2007
Fax: 956.618.2008
Web: WWW.AGACC.COM

**1st AND 2nd FLOORS REMODEL
FORMER ADMINISTRATION BUILDING**
**HIDALGO COUNTY, TEXAS
CITY OF EDINBURG, TEXAS**

THE USE OF THESE DRAWINGS IS RESTRICTED TO THE ORIGINAL PURPOSE FOR WHICH THEY WERE INTENDED. REPRODUCTION WITHOUT WRITTEN PERMISSION FROM THE OWNER IS PROHIBITED.

PROJECT # 08072
ISSUED: 03/05/08
DRAWN BY:
CHECKED BY:
FILE NAME:
SHEET:

MEP SOLUTIONS
ENGINEERING
MECHANICAL, ELECTRICAL, PLUMBING ENGINEERS
606 BENAMONT AVE. SUITE 2 JACULLEN, TX 75131 (936) 644-2727

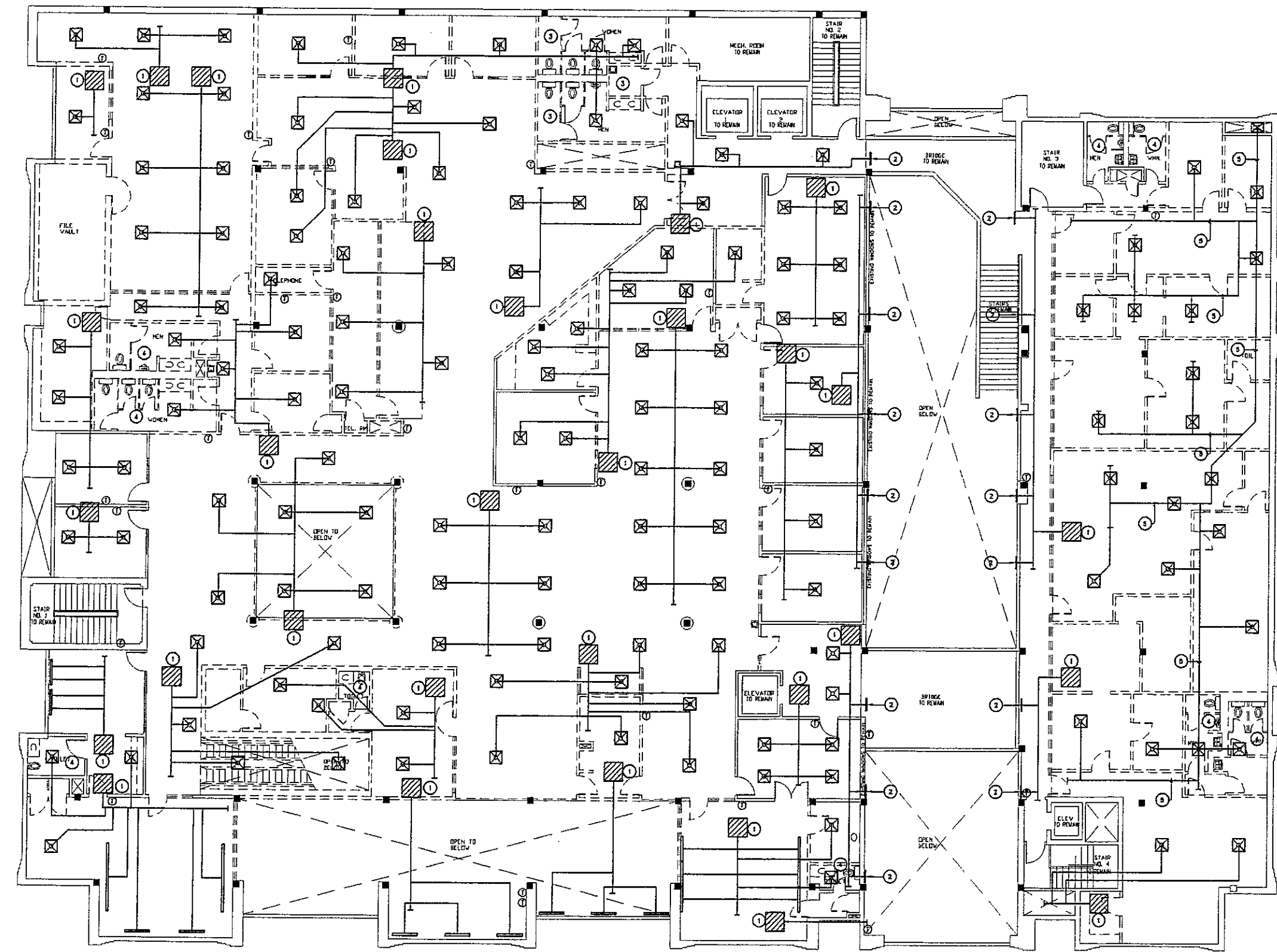
DM-1

MECHANICAL GENERAL DEMOLITION NOTES:

- A. INFORMATION ON THE PLAN HAS BEEN OBTAINED FROM EXISTING DRAWINGS AND SITE SURVEY. CONTRACTOR SHALL VERIFY EXISTING CONDITIONS PRIOR TO COMMENCING WORK. ANY DISCREPANCIES BETWEEN EXISTING CONDITIONS AND CONSTRUCTION DOCUMENTS SHALL BE REPORTED IMMEDIATELY TO THE ENGINEER AND/OR ARCHITECT.
- B. THE CONTRACTOR IS FULLY RESPONSIBLE FOR PERFORMING THE DEMOLITION WORK UNDER THE SCOPE OF THE PROJECT IN FULL COMPLIANCE WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL CODES. IF THE CONTRACTOR DETERMINES THAT THE CONTRACT DOCUMENTS AND PLANS ARE NOT IN COMPLIANCE WITH THE APPLICABLE CODES, HE SHALL INFORM THE ARCHITECT PRIOR TO CONSTRUCTION START FOR DIRECTION. FAILURE TO DO SO SHALL NOT RELIEVE THE CONTRACTOR OF HIS RESPONSIBILITY TO MEET CODE REQUIREMENTS AND STANDARDS ON DEMOLITION WORK SHALL INCLUDE THOSE PUBLISHED BY OSHA AND EPA. AN ASBESTOS SURVEY SHALL BE KEPT ON SITE AT ALL TIMES PER TEXAS DEPARTMENT OF HEALTH REQUIREMENTS.
- C. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COMPLETE THE NECESSARY DEMOLITION. CONTRACTOR SHALL PATCH AND REPAIR ALL BUILDING DAMAGE CREATED BY DEMOLITION WORK. PATCHING SHALL BE COMPLETED WITH THE SAME MATERIALS AS THE SURROUNDING AREAS, OR WITH ARCHITECT APPROVED PATCHING MATERIALS.
- D. ALL OPENINGS CUT IN MASONRY AND PLASTER WALLS OR CONCRETE FLOORS SHALL BE CORE-DILLED OR SAVED WHEN POSSIBLE. CONTRACTOR SHALL CHECK BUILDING CONSTRUCTION WITH STRUCTURAL ENGINEER BEFORE MAKING PENETRATIONS TO AVOID CUTTING THROUGH STRUCTURAL BEAMS AND REINFORCING. CONTRACTOR SHALL INFORM THE ENGINEER IF REINFORCING IS CUT OR DAMAGED WHILE MAKING OPENINGS AS REQUIRED BY DRAWINGS AND SPECIFICATIONS. PATCH AND SEAL OPENINGS WITH 8000 PSI CEMENT GROUT. INSTALL DECORATIVE TRIM (EQUIPMENT FLANGES, FRUING, OR ESCUTCHEONS) AROUND OPENINGS IN FINISHED AREAS. COORDINATE ALL CUTTING AND PATCHING WITH THE OTHER TRADES.
- E. CONTRACTOR SHALL REMOVE AND RETURN ANY AND ALL EXISTING EQUIPMENT/MATERIALS TO OWNER. OWNER SHALL HAVE FULL RIGHT OF OWNERSHIP UNLESS SPECIFIED OTHERWISE. IF THE OWNER MAKES THIS OPTION, ANY EQUIPMENT, MATERIAL, ETC SHALL BECOME THE PROPERTY OF THE CONTRACTOR.

DEMOLITION KEY NOTES:

- 1 REMOVE EXISTING FAN COIL UNIT, CONDENSATE DRAIN LINE, CHILLED WATER LINES, ASSOCIATED PNEUMATIC CONTROLS, OUTWORK, AND SUPPLY/RETURN AIR DEVICES BEING SERVED.
- 2 SIDE WALL REGISTER SERVING ATTAIN SHALL REMAIN IN PLACE.
- 3 REMOVE EXISTING EXHAUST/SUPPLY DUCTWORK AND AIR DEVICES SERVING RESTROOMS AND JANITOR ROOM. EXISTING DUCT SYSTEMS BEING SERVED FROM CHASE SHALL BE CAPPED AT CHASE PENETRATION.
- 4 REMOVE EXISTING EXHAUST FAN AND ASSOCIATED DUCTS/AIR DEVICES SERVING RESTROOMS.
- 5 REMOVE EXISTING DUCT WORK AND ASSOCIATED AIR DEVICES.



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

1st AND 2nd FLOORS REMODEL
FORMER ADMINISTRATION BUILDING
HIDALGO COUNTY, TEXAS
CITY OF EDINBURG, TEXAS

THE USE OF THESE DRAWINGS IS RESTRICTED TO THE ORIGINAL PURPOSE FOR WHICH THEY WERE INTENDED. REPRODUCTION WITHOUT WRITTEN PERMISSION FROM THE OWNER IS PROHIBITED.

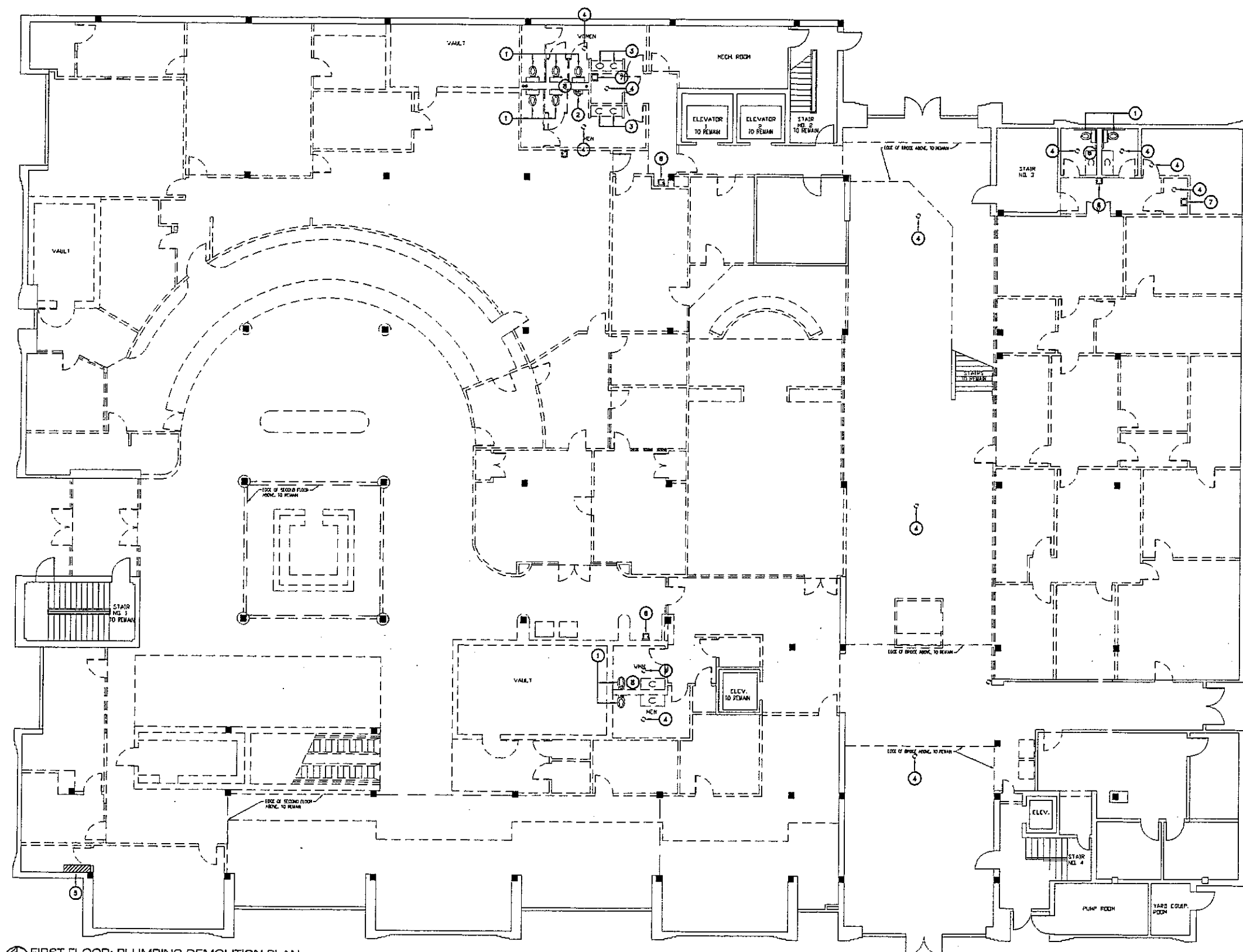
PROJECT #	08072
ISSUED:	03/05/09
DRAWN BY:	
CHECKED BY:	
FILE NAME:	
SHEET:	

GENERAL DEMOLITION NOTES:

- A. INFORMATION ON THE PLAN HAS BEEN OBTAINED FROM EXISTING DRAWINGS AND SITE SURVEY. CONTRACTOR SHALL VERIFY EXISTING CONDITIONS PRIOR TO COMMENCING WORK. ANY DISCREPANCIES BETWEEN EXISTING CONDITIONS AND CONSTRUCTION DOCUMENTS SHALL BE REPORTED IMMEDIATELY TO THE ENGINEER AND/OR ARCHITECT.
- B. THE CONTRACTOR IS FULLY RESPONSIBLE FOR PERFORMING THE DEMOLITION WORK UNDER THIS SECTION OF THE PROJECT IN FULL COMPLIANCE WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL CODES. IF THE CONTRACTOR DETERMINES THAT THE CONSTRUCTION DOCUMENTS AND PLANS ARE NOT IN COMPLIANCE WITH THE APPLICABLE CODES, HE SHALL INFORM THE ARCHITECT PRIOR TO CONSTRUCTION START FOR DIRECTION. FAILURE TO DO SO SHALL NOT RELIEVE THE CONTRACTOR OF HIS RESPONSIBILITY TO MEET CODE REQUIREMENTS AND REWORK SHALL BE AT CONTRACTOR'S EXPENSE. APPLICABLE CODES AND STANDARDS ON DEMOLITION WORK SHALL INCLUDE THOSE PUBLISHED BY OSHA AND EPA. AN ASBESTOS SURVEY SHALL BE KEPT ON SITE AT ALL TIMES PER TEXAS DEPARTMENT OF HEALTH REQUIREMENTS.
- C. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COMPLETE THE NECESSARY DEMOLITION. CONTRACTOR SHALL PATCH AND REPAIR ALL BUILDING DAMAGE CREATED BY DEMOLITION WORK. PATCHING SHALL BE COMPLETED WITH THE SAME MATERIALS AS THE SURROUNDING AREAS, OR WITH ARCHITECT APPROVED PATCHING MATERIALS.
- D. ALL OPENINGS CUT IN MASONRY AND PLASTER WALLS OR CONCRETE FLOORS SHALL BE CORE-DILLED OR SAVED WHEN POSSIBLE. CONTRACTOR SHALL CHECK BUILDING CONSTRUCTION WITH STRUCTURAL ENGINEER BEFORE MAKING PENETRATIONS TO AVOID CUTTING THROUGH STRUCTURAL BEAMS AND REINFORCING. CONTRACTOR SHALL INFORM THE ENGINEER IF REINFORCING IS CUT OR DAMAGED WHILE MAKING OPENINGS AS REQUIRED BY DRAWINGS AND SPECIFICATIONS. PATCH AND SEAL OPENINGS WITH 8000 PSI CEMENT GROUT. INSTALL DECORATIVE TRIM (EQUIPMENT FLANGES, FRAMING, OR ESCUTCHEONS) AROUND OPENINGS IN FINISHED AREAS. COORDINATE ALL CUTTING AND PATCHING WITH THE OTHER TRADES.
- E. CONTRACTOR SHALL REMOVE AND RETURN ANY AND ALL EXISTING EQUIPMENT/MATERIALS TO OWNER. OWNER SHALL HAVE FULL RIGHT OF OWNERSHIP UNLESS SPECIFIED OTHERWISE. IF THE OWNER Wishes THIS OPTION, ANY EQUIPMENT, MATERIAL, ETC SHALL BECOME THE PROPERTY OF THE CONTRACTOR.

PLUMBING DEMOLITION KEY NOTES: O

- 1 REMOVE EXISTING WATER CLOSET, DISCONNECT AND MODIFY SEWER/VENT/WATER SERVICE SHALL REMAIN FOR NEW FIXTURE INSTALLATION.
- 2 REMOVE EXISTING URINAL, DISCONNECT AND MODIFY SEWER/VENT/WATER SERVICE SHALL REMAIN FOR NEW FIXTURE INSTALLATION.
- 3 REMOVE EXISTING LAVATORY, DISCONNECT AND MODIFY SEWER/VENT/WATER SERVICE SHALL REMAIN FOR NEW FIXTURE INSTALLATION.
- 4 REMOVE EXISTING FLOOR DRAIN, DISCONNECT AND MODIFY SEWER/VENT/WATER SERVICE SHALL REMAIN FOR NEW FIXTURE INSTALLATION.
- 5 REMOVE EXISTING SINK, DISCONNECT AND MODIFY SEWER/VENT/WATER SERVICE SHALL REMAIN FOR NEW FIXTURE INSTALLATION.
- 6 REMOVE EXISTING WATER FOUNTAIN, DISCONNECT AND MODIFY SEWER/VENT/WATER SERVICE SHALL REMAIN FOR NEW FIXTURE INSTALLATION.
- 7 REMOVE EXISTING WOP SINK, DISCONNECT AND MODIFY SEWER/VENT/WATER SERVICE SHALL REMAIN FOR NEW FIXTURE INSTALLATION.
- 8 PLUMBING CONTRACTOR SHALL RELOCATE SEWER AND VENT STACKS IN REMOVED CHANGES. RE-ROUTE STACKS IN NEW CHANGES AND/OR WALLS. ANY DISCREPANCIES FOUND BY THE PLUMBING CONTRACTOR SHALL BE REPORTED TO THE ENGINEER/ARCHITECT IMMEDIATELY AND PRIOR TO ANY INSTALLATION. FAILURE TO COMPLY SHALL MAKE ALL CORRECTIONS AND/OR MODIFICATIONS THE FULL RESPONSIBILITY OF THE CONTRACTOR.

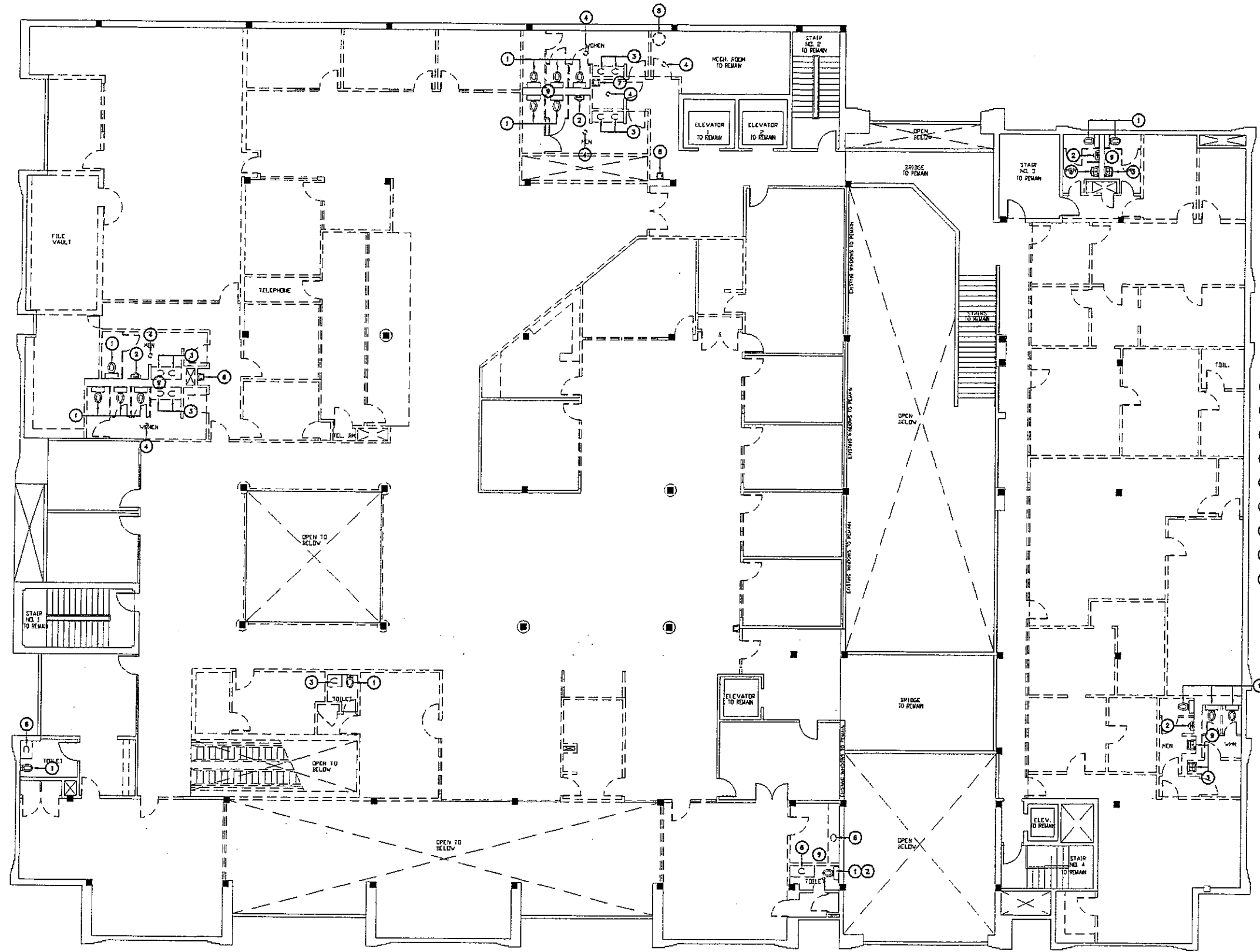


FIRST FLOOR: PLUMBING DEMOLITION PLAN
SCALE: 1/8" = 1'-0"

**1st AND 2nd FLOORS REMODEL
FORMER ADMINISTRATION BUILDING**
**HIDALGO COUNTY, TEXAS
CITY OF EDINBURG, TEXAS**

THE USE OF THESE DRAWINGS IS RESTRICTED TO THE ORIGINAL PURPOSE FOR WHICH THEY WERE INTENDED. REPRODUCTION WITHOUT WRITTEN PERMISSION FROM THE OWNER IS PROHIBITED.

PROJECT # 08072
ISSUED: 03/05/09
DRAWN BY:
CHECKED BY:
FILE NAME:
SHEET:



SECOND FLOOR: PLUMBING DEMOLITION PLAN
SCALE: 1/8" = 1'-0"

GENERAL DEMOLITION NOTES:

- A. INFORMATION ON THE PLAN HAS BEEN OBTAINED FROM EXISTING DRAWINGS AND SITE SURVEY. CONTRACTOR SHALL VERIFY EXISTING CONDITIONS PRIOR TO COMMENCING WORK. ANY DISCREPANCIES BETWEEN EXISTING CONDITIONS AND CONSTRUCTION DOCUMENTS SHALL BE REPORTED IMMEDIATELY TO THE ENGINEER AND/OR ARCHITECT.
- B. THE CONTRACTOR IS FULLY RESPONSIBLE FOR PERFORMING THE DEMOLITION WORK UNDER THIS SECTION OF THE PROJECT IN FULL COMPLIANCE WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL CODES. IF THE CONTRACTOR DETERMINES THAT THE CONTRACT DOCUMENTS AND PLANS ARE NOT IN COMPLIANCE WITH THE APPLICABLE CODES, HE SHALL INFORM THE ARCHITECT PRIOR TO CONSTRUCTION START FOR DIRECTION. FAILURE TO DO SO SHALL NOT RELIEVE THE CONTRACTOR OF HIS RESPONSIBILITY TO MEET CODE REQUIREMENTS AND REWORK SHALL BE AT CONTRACTOR'S EXPENSE. APPLICABLE CODES AND STANDARDS ON DEMOLITION WORK SHALL INCLUDE THOSE PUBLISHED BY OSHA AND EPA. AN ASBESTOS SURVEY SHALL BE KEPT ON SITE AT ALL TIMES PER TEXAS DEPARTMENT OF HEALTH REQUIREMENTS.
- C. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COMPLETE THE NECESSARY DEMOLITION. CONTRACTOR SHALL PATCH AND REPAIR ALL BUILDING DAMAGE CREATED BY DEMOLITION WORK. PATCHING SHALL BE COMPLETED WITH THE SAME MATERIALS AS THE SURROUNDING AREAS, OR WITH ARCHITECT APPROVED PATCHING MATERIALS.
- D. ALL OPENINGS CUT IN MASONRY AND PLASTER WALLS OR CONCRETE FLOORS SHALL BE CORE-DILLED OR SAIED WHEN POSSIBLE. CONTRACTOR SHALL CHECK BUILDING CONSTRUCTION WITH STRUCTURAL ENGINEER BEFORE MAKING PENETRATIONS TO AVOID CUTTING THROUGH STRUCTURAL BEAMS AND REINFORCING. CONTRACTOR SHALL INFORM THE ENGINEER IF REINFORCING IS CUT OR DAMAGED WHILE MAKING OPENINGS AS REQUIRED BY DRAWINGS AND SPECIFICATIONS. PATCH AND SEAL OPENINGS WITH 8000 PSI CEMENT GROUT. INSTALL DECORATIVE TRIM (EQUIPMENT FLANGES, FRAMING, OR ESCUTCHEONS) AROUND OPENINGS IN FINISHED AREAS. COORDINATE ALL CUTTING AND PATCHING WITH THE OTHER TRADES.
- E. CONTRACTOR SHALL REMOVE AND RETURN ANY AND ALL EXISTING EQUIPMENT/MATERIALS TO OWNER. OWNER SHALL HAVE FULL RIGHT OF OWNERSHIP UNLESS SPECIFIED OTHERWISE. IF THE OWNER WIVES THIS OPTION, ANY EQUIPMENT, MATERIAL, ETC SHALL BECOME THE PROPERTY OF THE CONTRACTOR.

PLUMBING DEMOLITION KEY NOTES: O

- 1 REMOVE EXISTING WATER CLOSET. DISCONNECT AND MODIFY SEWER/VENT/WATER SERVICE SHALL REMAIN FOR NEW FIXTURE INSTALLATION.
- 2 REMOVE EXISTING URINAL. DISCONNECT AND MODIFY SEWER/VENT/WATER SERVICE SHALL REMAIN FOR NEW FIXTURE INSTALLATION.
- 3 REMOVE EXISTING LAVATORY. DISCONNECT AND MODIFY SEWER/VENT/WATER SERVICE SHALL REMAIN FOR NEW FIXTURE INSTALLATION.
- 4 REMOVE EXISTING FLOOR DRAIN. DISCONNECT AND MODIFY SEWER/VENT/WATER SERVICE SHALL REMAIN FOR NEW FIXTURE INSTALLATION.
- 5 REMOVE EXISTING SINK. DISCONNECT AND MODIFY SEWER/VENT/WATER SERVICE SHALL REMAIN FOR NEW FIXTURE INSTALLATION.
- 6 REMOVE EXISTING WATER FOUNTAIN. DISCONNECT AND MODIFY SEWER/VENT/WATER SERVICE SHALL REMAIN FOR NEW FIXTURE INSTALLATION.
- 7 REMOVE EXISTING HOP SINK. DISCONNECT AND MODIFY SEWER/VENT/WATER SERVICE SHALL REMAIN FOR NEW FIXTURE INSTALLATION.
- 8 EXISTING ELECTRIC WATER HEATER TO BE RELOCATED. REFER TO PLUMBING DRAWINGS FOR RELOCATION.
- 9 PLUMBING CONTRACTOR SHALL RELOCATE SEWER AND VENT STACKS IN REMOVED CHASES. RE-ROUTE STACKS IN NEW CHASES AND/OR WALLS. ANY DISCREPANCIES FOUND BY THE PLUMBING CONTRACTOR SHALL BE REPORTED TO THE ENGINEER/ARCHITECT IMMEDIATELY AND PRIOR TO ANY INSTALLATION. FAILURE TO COMPLY SHALL MAKE ALL CORRECTIONS AND/OR MODIFICATIONS THE FULL RESPONSIBILITY OF THE CONTRACTOR.

AGA
CONSULTING

Altocer Garcia Associates, Inc.
Design Consulting

1333 E. Janssine Ave.
McAllen, Texas 78501
Office: 956.618.2007
Fax: 956.618.2008
Web: WWW.AGAC.COM

1st AND 2nd FLOORS REMODEL
FORMER ADMINISTRATION BUILDING
HIDALGO COUNTY, TEXAS
CITY OF EDINBURG, TEXAS

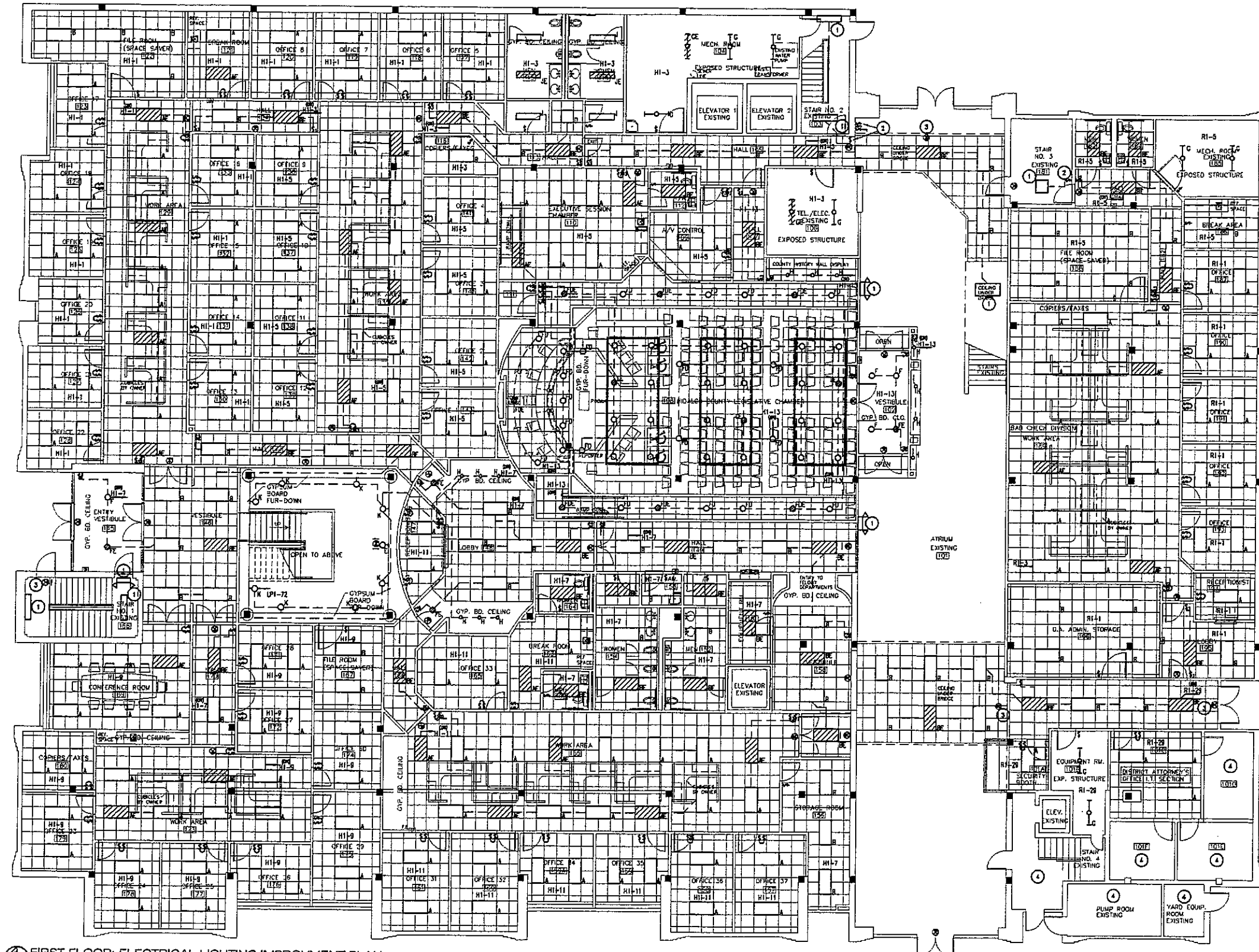
THE USE OF THESE DRAWINGS IS RESTRICTED TO THE ORIGINAL PURPOSE FOR WHICH THEY WERE INTENDED. REPRODUCTION WITHOUT WRITTEN PERMISSION FROM THE OWNER IS PROHIBITED.

PROJECT #	08072
ISSUED:	03/05/09
DRAWN BY:	
CHECKED BY:	
FILE NAME:	
SHEET:	

MEP SOLUTIONS
ENGINEERING

MECHANICAL, ELECTRICAL, PLUMBING ENGINEERS
500 E. BEAUMONT AVE, SUITE 200, FALLEN, TX 78501 (505) 544-0777

DP-2



GENERAL NOTES:

- A. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN (RCP) FOR EXACT LOCATION OF LIGHT FIXTURES. FURNISH FIXTURES WITH TRIM COMPATIBLE WITH THE TYPE OF CEILING AS INDICATED ON THE RCP.
- B. EXIT LIGHTS ARE TYPE X, UNO. CONNECT EXIT LIGHT FIXTURES TO UN-SWITCHED CIRCUIT SERVING SPACE IN WHICH FIXTURE IS INSTALLED. INSTALL WALL MOUNTED FIXTURES 8'-0" AFF. UNO.
- C. COORDINATE PLACEMENT OF FIXTURES WITH ACTUAL INSTALLATION OF MECHANICAL EQUIPMENT AND DUCTWORK.
- D. WHERE TWO LIGHT SWITCHES ARE SHOWN ADJACENT TO EACH OTHER, THE SWITCH NEAREST THE DOOR CONTROLS THE OUTER LAMPS IN ALL THE FIXTURES IN THE SPACE AND THE OTHER SWITCH CONTROLS THE INNER LAMPS IN ALL THE FIXTURES IN THE SPACE, UNO.
- E. CIRCUIT EMERGENCY FIXTURES IN ROOMS TO PERMIT ALL THE LAMPS TO BE SWITCHED OFF, LEAVING THE BATTERY IN STAND BY CONDITION, SO THE EMERGENCY BATTERY UNIT WILL OPERATE ONE LAMP WHEN THE NORMAL POWER IS INTERRUPTED. REQUEST THE REQUIRED WIRING DIAGRAM FROM EQUIPMENT MANUFACTURER. ALL EMERGENCY LIGHTING FIXTURES SHALL BE CIRCUITED TO THE NON-SWITCHED PHASE WIRE IN ADDITION TO THE SWITCHED LEG. ALL EXIT SIGNS SHALL BE CIRCUITED TO THE NON-SWITCHED PHASE WIRE ONLY.
- F. COORDINATE ROUGH-IN LOCATION OF ALL DEVICES WITH ARCHITECTURAL ELEVATIONS, DETAILS, AND PLANS.
- G. ALL DEVICES SHALL SHARE COMMON FACEPLATE WHERE APPLICABLE.
- H. SWITCH LEGS ARE NOT SHOWN WHERE SWITCHING SCHEME IS OBVIOUS.
- I. ALL LIGHT FIXTURE SHALL BE CIRCUITED TO EXISTING CIRCUIT SERVING SPACE.

DEMOLITION KEY NOTES:

- 1 EXISTING LIGHT FIXTURE.
- 2 EXISTING WALL SWITCH OR SWITCHES.
- 3 EXISTING EXIT LIGHT FIXTURE.
- 4 EXISTING LIGHTING SHALL BE CIRCUITED TO RI-31.

AGA
UNION CONSULTING

Alcór García Associates, Inc.
Design Consulting
1333 E. Jamble Ave.
McAllen, Texas 78501
Office: 956.618.2007
Fax: 956.618.2008
WEB: WWW.AGACC.COM

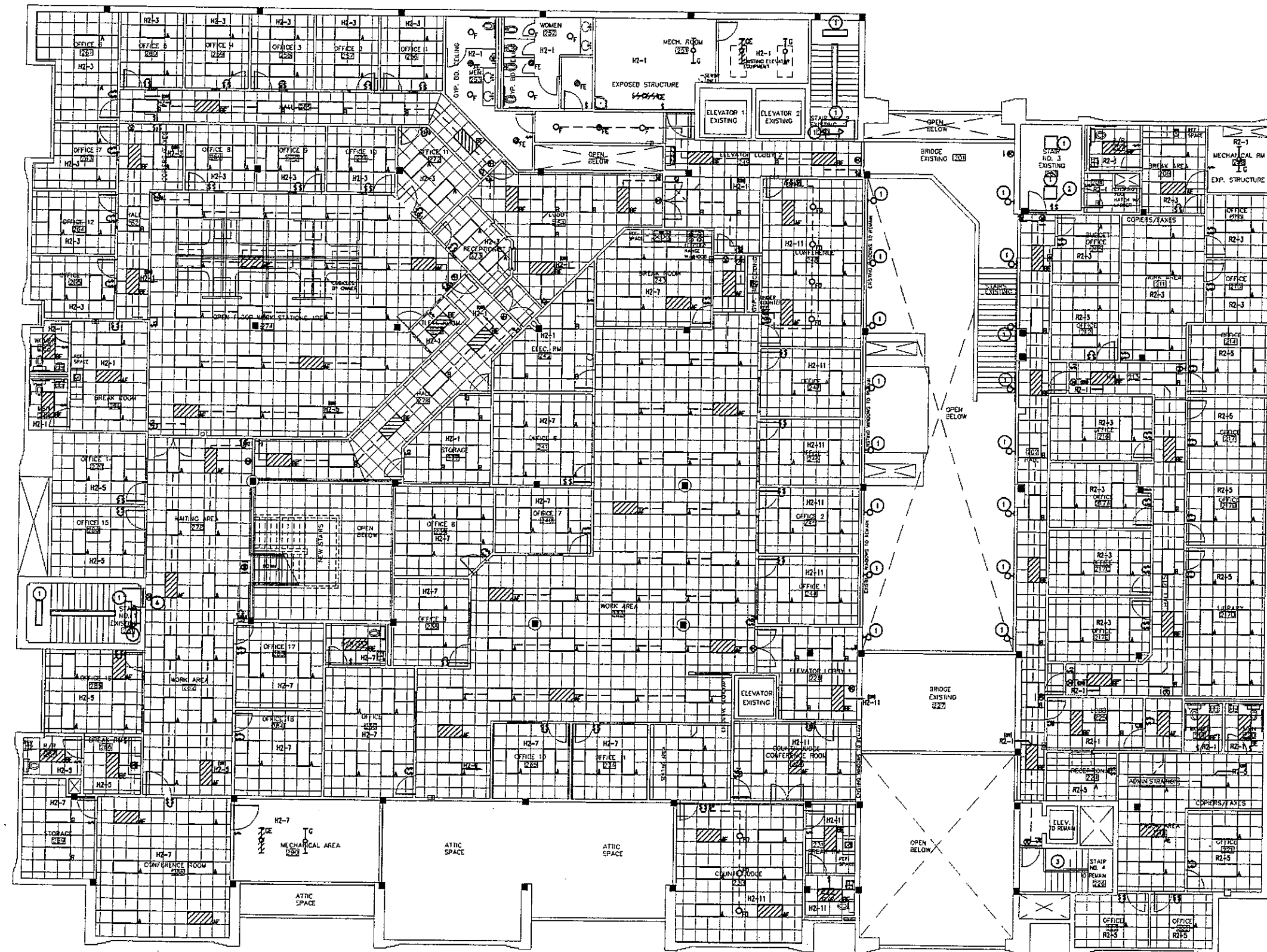
**1st AND 2nd FLOORS REMODEL
FORMER ADMINISTRATION BUILDING**

**HIDALGO COUNTY, TEXAS
CITY OF EDINBURG, TEXAS**

THE USE OF THESE DRAWINGS IS RESTRICTED TO THE ORIGINAL PURPOSE FOR WHICH THEY WERE INTENDED. REPRODUCTION WITHOUT WRITTEN PERMISSION FROM THE OWNER IS PROHIBITED.

PROJECT # 08072
ISSUED: 03/05/09
DRAWN BY:
CHECKED BY:
FILE NAME:
SHEET:

FIRST FLOOR: ELECTRICAL LIGHTING IMPROVEMENT PLAN
SCALE: 1/8" = 1'-0"



SECOND FLOOR: ELECTRICAL LIGHTING IMPROVEMENT PLAN
SCALE: 1/8" = 1'-0"

GENERAL NOTES:

- A. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN (RCP) FOR EXACT LOCATION OF LIGHT FIXTURES. FURNISH FIXTURES WITH TRIM COMPATIBLE WITH THE TYPE OF CEILING AS INDICATED ON THE RCP.
- B. EXIT LIGHTS ARE TYPE X, UNO. CONNECT EXIT LIGHT FIXTURES TO UN-SWITCHED CIRCUIT SERVING SPACE IN WHICH FIXTURE IS INSTALLED. INSTALL WALL MOUNTED FIXTURES 9'-0" WFT, UNO.
- C. COORDINATE PLACEMENT OF FIXTURES WITH ACTUAL INSTALLATION OF MECHANICAL EQUIPMENT AND DUCTWORK.
- D. WHERE TWO LIGHT SWITCHES ARE SHOWN ADJACENT TO EACH OTHER, THE SWITCH NEAREST THE DOOR CONTROLS THE OUTER LAMPS IN ALL THE FIXTURES IN THE SPACE AND THE OTHER SWITCH CONTROLS THE INNER LAMPS IN ALL THE FIXTURES IN THE SPACE, UNO.
- E. CIRCUIT EMERGENCY FIXTURES IN ROOMS TO PERMIT ALL THE LAMPS TO BE SWITCHED OFF, LEAVING THE EXIT IN STAND BY CONDITION, SO THE EMERGENCY BATTERY UNIT WILL OPERATE ONE LAMP WHEN THE NORMAL POWER IS INTERRUPTED. REQUEST THE REQUIRED WIRING DIAGRAM FROM EQUIPMENT MANUFACTURER. ALL EMERGENCY LIGHTING FIXTURES SHALL BE CIRCUITED TO THE NON-SWITCHED PHASE WIRE IN ADDITION TO THE SWITCHED LEG. ALL EXIT SIGNS SHALL BE CIRCUITED TO THE NON-SWITCHED PHASE WIRE ONLY.
- F. COORDINATE ROOM-IN LOCATION OF ALL DEVICES WITH ARCHITECTURAL ELEVATIONS, DETAILS AND PLANS.
- G. ALL DEVICES SHALL SHARE COMMON FACEPLATE WHERE APPLICABLE.
- H. SWITCH LEGS ARE NOT SHOWN WHERE SWITCHING SCHEME IS OBVIOUS.
- I. ALL LIGHT FIXTURE SHALL BE CIRCUITED TO EXISTING CIRCUIT SERVING SPACE.

DEMOLITION KEY NOTES:

- 1 EXISTING LIGHT FIXTURE.
- 2 EXISTING WALL SWITCH OR SWITCHES.
- 3 EXISTING LIGHTING SHALL BE CIRCUITED TO R1-31.
- 4 EXISTING EXIT LIGHT FIXTURE.

AGA
ALCOCEER GARCIA ASSOCIATES, INC.
DESIGN CONSULTING
1333 E. JAMINA AVE.
ACADEMIA, TEXAS 78501
OFFICE: 956.616.2007
FAX: 956.618.3008
WEB: WWW.AGADC.COM

**1st AND 2nd FLOORS REMODEL
FORMER ADMINISTRATION BUILDING
HIDALGO COUNTY, TEXAS
CITY OF EDINBURG, TEXAS**

THE USE OF THESE DRAWINGS IS RESTRICTED TO THE ORIGINAL PURPOSE FOR WHICH THEY WERE INTENDED. REPRODUCTION WITHOUT WRITTEN PERMISSION FROM THE OWNER IS PROHIBITED.

PROJECT # 08072
ISSUED: 03/05/09
DRAWN BY:
CHECKED BY:
FILE NAME:
SHEET:

MEP SOLUTIONS
ENGINEERING
MECHANICAL, ELECTRICAL, PLUMBING ENGINEERS
800 E. BEAUMONT AVE. SUITE 2 DALLAS, TX 75201 (214) 964-2727

**1st AND 2nd FLOORS REMODEL
FORMER ADMINISTRATION BUILDING
HIDALGO COUNTY, TEXAS
CITY OF EDINBURG, TEXAS**

THE USE OF THESE DRAWINGS IS RESTRICTED TO THE ORIGINAL PURPOSE FOR WHICH THEY WERE INTENDED. REPRODUCTION WITHOUT WRITTEN PERMISSION FROM THE OWNER IS PROHIBITED.

PROJECT #	08072
ISSUED:	03/05/09
DRAWN BY:	
CHECKED BY:	
FILE NAME:	
SHEET:	

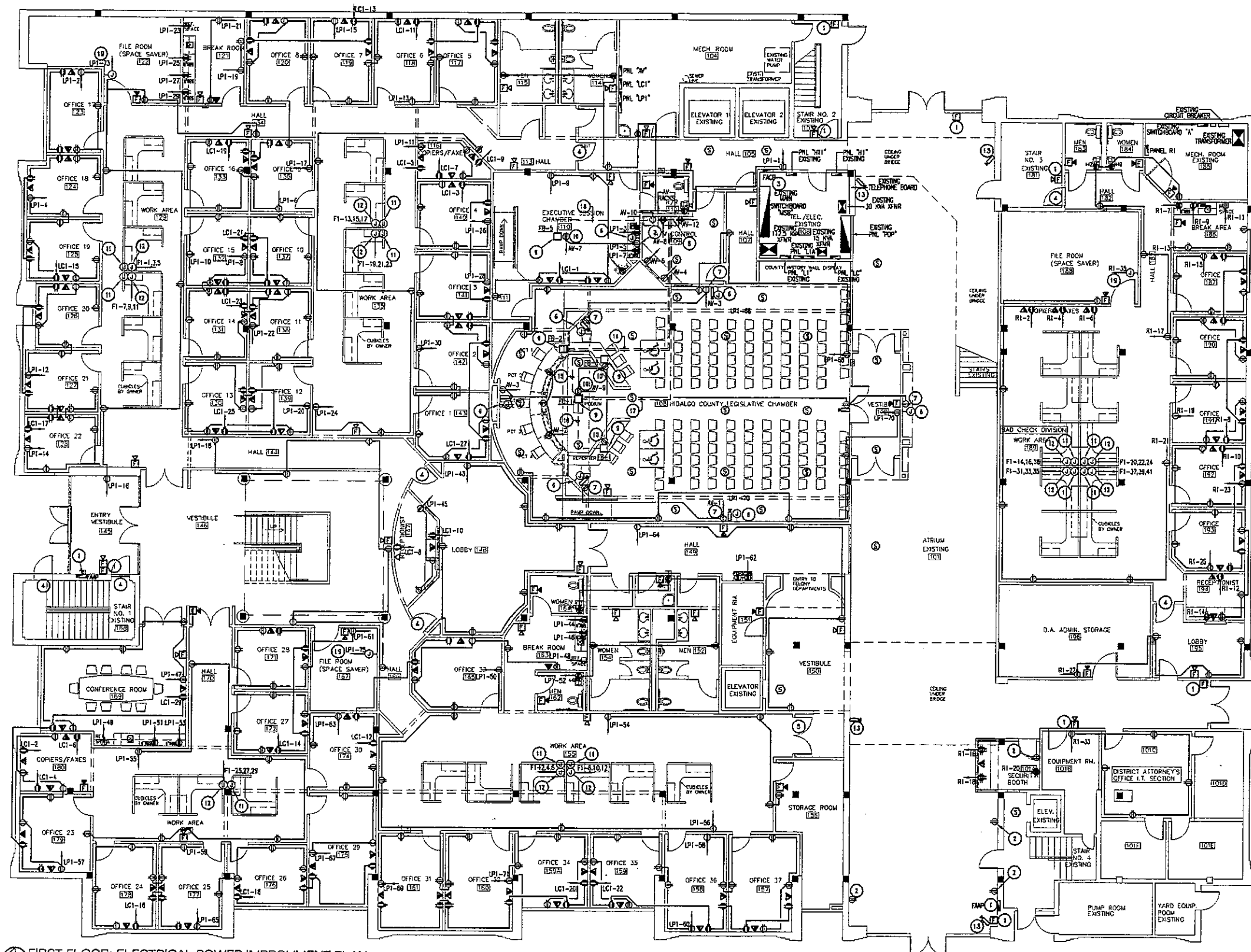
GENERAL NOTES:

- A. COORDINATE ROUGH-IN LOCATION OF ALL DEVICES WITH ARCHITECTURAL ELEVATIONS, DETAILS, AND PLANS.
- B. ALL DEVICES SHALL SHARE COMMON FACEPLATE WHERE APPLICABLE.
- C. ALL FIRE ALARM DEVICES SHALL BE COMPATIBLE TO EXISTING FIRE ALARM SYSTEM.
- D. REFER TO AV SHEETS FOR ADDITIONAL CONDUIT/POWER REQUIREMENTS.

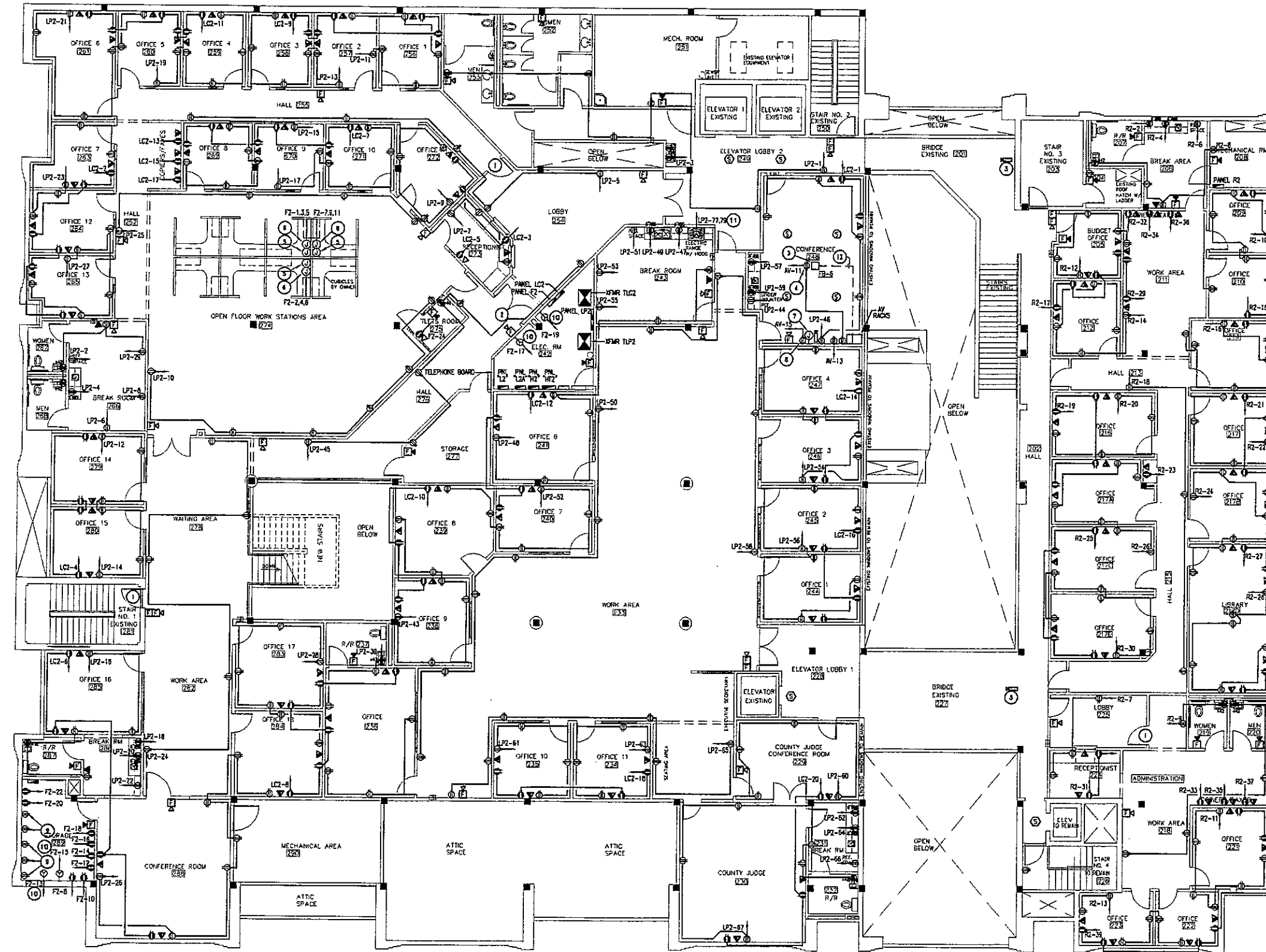
KEY NOTES:

- 1 EXISTING FIREALARM DEVICE.
- 2 EXISTING RECEPTACLE.
- 3 EXISTING FIRE ALARM CONTROL PANEL OR FIRE COMMAND CENTER.
- 4 FURNISH AND INSTALL CONDUITS AND BACK BOXES FOR SINGLE MEGALOOK DOOR. REFER TO DETAIL C, SHEET E-12.
- 5 FURNISH AND INSTALL CONDUITS AND BACK BOXES FOR DOUBLE MEGALOOK DOOR. REFER TO DETAIL D, SHEET E-12.
- 6 FURNISH AND INSTALL J-BOX WITH 1" CONDUIT TO ABOVE CEILING FOR LCD SCREEN. COORDINATE EXACT LOCATION WITH AV CONSULTANT.
- 7 FURNISH AND INSTALL RECEPTACLE FOR LCD SCREEN. COORDINATE EXACT LOCATION WITH AV CONSULTANT.
- 8 FURNISH AND INSTALL 1-1/2" EMT TO SECOND FLOOR CONFERENCE ROOM 216 AV RACK.
- 9 FURNISH AND INSTALL ACE BACKSTAGE CO. HALF STAGE POCKET FLOOR BOX MODEL # 123-CLBK OR APPROVED EQUAL. COORDINATE EXACT LOCATION WITH AV CONSULTANT.
- 10 FURNISH AND INSTALL ACE BACKSTAGE CO. HALF STAGE POCKET FLOOR BOX MODEL # 123-CLBK WITH RECEPTACLE AS NOTED. FURNISH AND INSTALL ONE SINGLE GANG ELECTRIC SWITCHBOX PANEL. COORDINATE EXACT LOCATION WITH AV CONSULTANT.
- 11 ROUTE 2" C FROM J-BOX FOR CONNECTION OF POWER POLE FURNISHED BY FURNITURE MANUFACTURER. COORDINATE EXACT LOCATION WITH FURNITURE MANUFACTURER PRIOR TO ROUGH-IN.
- 12 ROUTE 3/16" (2) 110V, 110V, 110V IN 3/4" C FOR CONNECTION OF PRE-WIRED FURNITURE. COORDINATE EXACT LOCATION WITH FURNITURE MANUFACTURER PRIOR TO ROUGH-IN.
- 13 EXISTING CAMERA.
- 14 ROUTE TWO 1-1/2" EMT FROM FB-2 TO AV CONTROL ROOM.
- 15 ROUTE 1" EMT FROM FB-3 TO FB-1.
- 16 ROUTE 1" EMT FROM FB-4 TO FB-1.
- 17 ROUTE 1-1/2" EMT FROM FB-1 TO AV CONTROL ROOM.
- 18 ROUTE 1" EMT FROM FB-5 TO AV CONTROL ROOM.
- 19 FURNISH AND INSTALL J-BOX FOR SPACE SAVER. ROUTE 2(1/2), 1(1/2), 1(2), 1(2) C. COORDINATE EXACT LOCATION WITH SOUTHWEST SOLUTIONS GROUP.

NOTE: ALL EXISTING RECEPTACLES, DATA, TELEPHONE DEVICES SHALL BE EXTENDED TO 15" TO BOTTOM OF DEVICE, UNLESS NOTED OTHERWISE. ALL EXISTING WALL SWITCHES SHALL BE EXTENDED TO 48" TO TOP OF DEVICE. FIELD VERIFY EXISTING CONDITIONS.



FIRST FLOOR: ELECTRICAL POWER IMPROVEMENT PLAN
SCALE: 1/8" = 1'-0"



SECOND FLOOR: ELECTRICAL POWER IMPROVEMENT PLAN
SCALE: 1/8" = 1'-0"

GENERAL NOTES:

- A. COORDINATE ROUGH-IN LOCATION OF ALL DEVICES WITH ARCHITECTURAL ELEVATIONS, DETAILS, AND PLANS.
- B. ALL DEVICES SHALL SHARE COMMON FACEPLATE WHERE APPLICABLE.
- C. ALL FIRE ALARM DEVICES SHALL BE COMPATIBLE TO EXISTING FIRE ALARM SYSTEM.
- D. REFER TO 'A' SHEETS FOR ADDITIONAL CONDUIT/POWER REQUIREMENTS.

KEY NOTES:

1. FURNISH AND INSTALL CONDUITS AND BACK BOXES FOR SINGLE HANGLOCK DOOR. REFER TO DETAIL C, SHEET E-12.
2. FURNISH AND INSTALL CONDUITS AND BACK BOXES FOR DOUBLE HANGLOCK DOOR. REFER TO DETAIL D, SHEET E-12.
3. FURNISH AND INSTALL ACE BACKSTAGE CO. HALF STAGE POCKET FLOOR BOX MODEL # 123-CLM OR APPROVED EQUAL. COORDINATE EXACT LOCATION WITH AV CONSULTANT.
4. FURNISH AND INSTALL ACE BACKSTAGE CO. HALF STAGE POCKET FLOOR BOX MODEL # 123-CLM WITH RECEPTACLE AS NOTED. FURNISH AND INSTALL PRE SINGLE GANG ELECTRIC SWITCHBOX PANEL. COORDINATE EXACT LOCATION WITH AV CONSULTANT.
5. ROUTE 2" FROM J-BOX FOR CONNECTION OF POWER POLE FURNISHED BY FURNITURE MANUFACTURER. COORDINATE EXACT LOCATION WITH FURNITURE MANUFACTURER PRIOR TO ROUGH-IN.
6. ROUTE 1/2" (100), 2" (100), 1/2" (100), 1/2" (100) IN 3/4" FOR CONNECTION OF POWER POLE FURNISHED BY FURNITURE MANUFACTURER FOR CONNECTION OF PRE-WIRED FURNITURE. COORDINATE EXACT LOCATION WITH FURNITURE MANUFACTURER PRIOR TO ROUGH-IN.
7. FURNISH AND INSTALL J-BOX WITH 1" CONDUIT TO ABOVE CEILING FOR LCD SCREEN. COORDINATE EXACT LOCATION WITH AV CONSULTANT.
8. FURNISH AND INSTALL RECEPTACLE FOR LCD SCREEN. COORDINATE EXACT LOCATION WITH AV CONSULTANT.
9. EXISTING CAMERA.
10. FURNISH AND INSTALL LS-30 RECEPTACLE. ROUTE 2" @ 100, #100, #100, 3/4".
11. ROUTE 2" @ 100, 3/4".
12. ROUTE 1" EMT FROM FE-6 TO EQUIPMENT RACK.

NOTE: ALL EXISTING RECEPTABLES, DATA, TELEPHONE DEVICES SHALL BE EXTENDED TO 15" TO BOTTOM OF DEVICE, UNLESS NOTED OTHERWISE. ALL EXISTING WALL SWITCHES SHALL BE EXTENDED TO 48" TO TOP OF DEVICE. FIELD VERIFY EXISTING CONDITIONS.

AGA
DESIGN CONSULTING

Aldo Garcia Associates, Inc.
Design Consulting

1333 E. Jeanine Ave.
McAllen, Texas 78501
Office: 956.614.2007
Fax: 956.614.2008
Web: WWW.AGAC.COM

1st AND 2nd FLOORS REMODEL
FORMER ADMINISTRATION BUILDING
HIDALGO COUNTY, TEXAS
CITY OF EDINBURG, TEXAS

THE USE OF THESE DRAWINGS IS RESTRICTED TO THE ORIGINAL PURPOSE FOR WHICH THEY WERE INTENDED. REPRODUCTION WITHOUT WRITTEN PERMISSION FROM THE OWNER IS PROHIBITED.

PROJECT #	08072
ISSUED: 03/05/09	
DRAWN BY:	
CHECKED BY:	
FILE NAME:	
SHEET:	

MEP SOLUTIONS
ENGINEERING

MECHANICAL, ELECTRICAL, PLUMBING ENGINEERS
505 E. BEAUMONT AVE. SUITE 2 NAULLEN, TX 78501 (956) 944-2727

GENERAL NOTES:

- A. CORRELATE ROUGH-IN LOCATION OF ALL DEVICES WITH ARCHITECTURAL ELEVATIONS, DETAILS, AND PLANS.
- B. FOR MECHANICAL EQUIPMENT CONNECTION SCHEDULE, REFER TO DETAIL A/SHEET E-7.

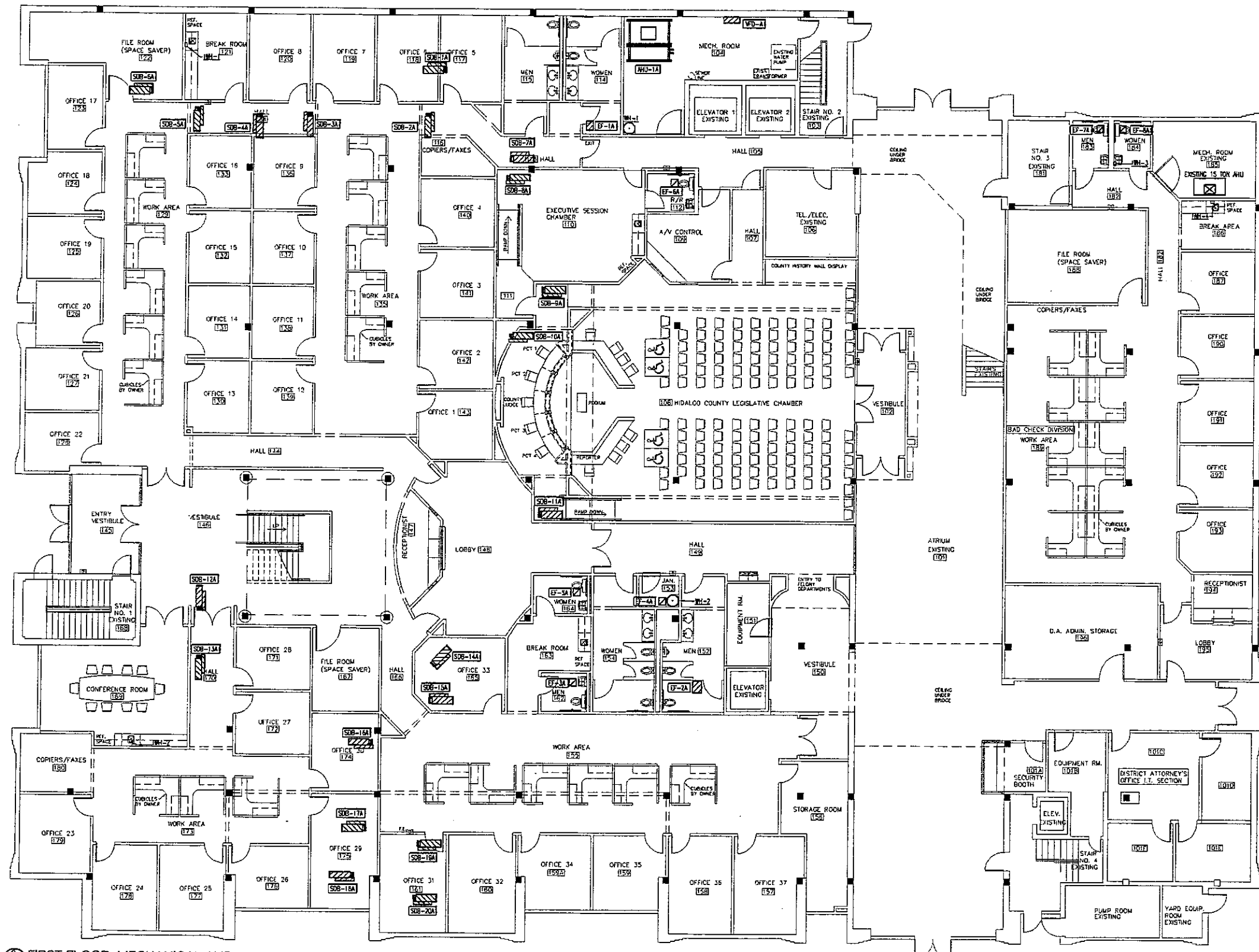


Alcór García Associates, Inc.
 Design Consulting
 1393 E. Jasmine Ave.
 McAllen, Texas 78501
 OFFICE: 956.618.2007
 FAX: 956.618.2008
 Web: WWW.AGACC.COM

**1st AND 2nd FLOORS REMODEL
 FORMER ADMINISTRATION BUILDING
 HIDALGO COUNTY, TEXAS
 CITY OF EDINBURG, TEXAS**

THE USE OF THESE DRAWINGS IS RESTRICTED TO THE ORIGINAL PURPOSE FOR WHICH THEY WERE INTENDED. REPRODUCTION WITHOUT WRITTEN PERMISSION FROM THE OWNER IS PROHIBITED.

PROJECT # 08072
 ISSUED: 03/05/09
 DRAWN BY:
 CHECKED BY:
 FILE NAME:
 SHEET:



FIRST FLOOR: MECHANICAL AND PLUMBING EQUIPMENT PLAN
 SCALE: 1/8" = 1'-0"

GENERAL NOTES:

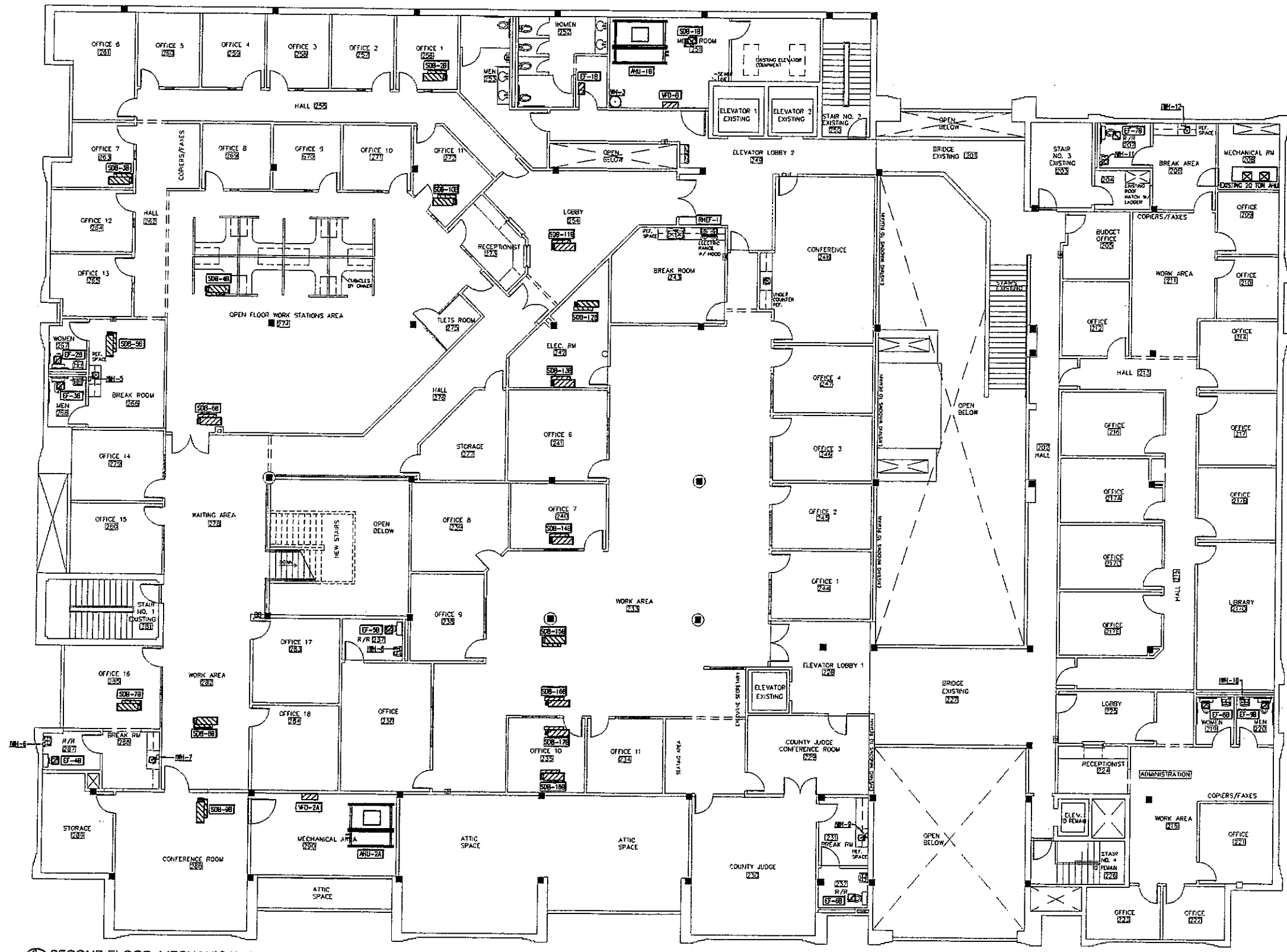
- A. COORDINATE ROUGH-IN LOCATION OF ALL DEVICES WITH ARCHITECTURAL, ELEVATORS, DETAILS, AND PLANS.
- B. FOR MECHANICAL EQUIPMENT CONNECTION SCHEDULE, REFER TO DETAIL A/SHEET E-7.

AGA
 DESIGN CONSULTING
 Alcócer García Associates, Inc.
 Design Consulting
 1333 E. Jaminie Ave.
 McAllen, Texas 78501
 Office: 368.618.2007
 Fax: 368.618.2008
 Web: WWW.AGADCC.COM

**1st AND 2nd FLOORS REMODEL
 FORMER ADMINISTRATION BUILDING
 HIDALGO COUNTY, TEXAS
 CITY OF EDINBURG, TEXAS**

THE USE OF THESE DRAWINGS IS RESTRICTED TO THE ORIGINAL PURPOSE FOR WHICH THEY WERE INTENDED. REPRODUCTION WITHOUT WRITTEN PERMISSION FROM THE OWNER IS PROHIBITED.

PROJECT # 08072
 ISSUED: 03/05/09
 DRAWN BY:
 CHECKED BY:
 FILE NAME:
 SHEET:



SECOND FLOOR: MECHANICAL AND PLUMBING EQUIPMENT PLAN
 SCALE: 1/8" = 1'-0"

1st AND 2nd FLOORS REMODEL
FORMER ADMINISTRATION BUILDING
HIDALGO COUNTY, TEXAS
CITY OF EDINBURG, TEXAS

THE USE OF THESE DRAWINGS IS RESTRICTED TO THE ORIGINAL PURPOSE FOR WHICH THEY WERE INTENDED. REPRODUCTION WITHOUT WRITTEN PERMISSION FROM THE OWNER IS PROHIBITED.

PROJECT # 08072
ISSUED: 03/05/09
DRAWN BY:
CHECKED BY:
FILE NAME:
SHEET:

MECHANICAL EQUIPMENT CONNECTION SCHEDULE

AIR HANDLING UNITS				DISCONNECTING MEANS AND/OR BRANCH CIRCUIT SIZE	
UNIT DESIGNATION	CIRCUIT DESIGNATION	LOCATION	NOTES		
AHU-1A	H11-20.22.24	MEDICAL ROOM 104	13	3/12, #12G, 1/2" C	
AHU-2A	H11-26.28.30	ATRIC SPACE	13	3/12, #12G, 1/2" C	
AHU-1B	H12-20.22.24	MEDICAL ROOM 251	13	3/10, #10G, 1/2" C	

SINGLE DUCT BOXES				DISCONNECTING MEANS AND/OR BRANCH CIRCUIT SIZE	
UNIT DESIGNATION	CIRCUIT DESIGNATION	LOCATION	NOTES		
SDB-1A	H11-1.3.5	OFFICE 5 117/6 118	4	30/15F/3 DISCONNECT, 4#12, #12G, 1/2" C	
SDB-2A	H11-1.3.5	HALL 113	4	30/15F/3 DISCONNECT, 4#12, #12G, 1/2" C	
SDB-3A	H11-1.3.5	HALL 134	4	30/15F/3 DISCONNECT, 4#12, #12G, 1/2" C	
SDB-4A	H11-7.9.11	HALL 134	4	30/15F/3 DISCONNECT, 4#12, #12G, 1/2" C	
SDB-5A	H11-7.9.11	HALL 134	4	30/15F/3 DISCONNECT, 4#12, #12G, 1/2" C	
SDB-6A	H11-7.9.11	HALL 134	4	30/15F/3 DISCONNECT, 4#12, #12G, 1/2" C	
SDB-7A	H11-13.15.17	HALL 113	4	30/15F/3 DISCONNECT, 4#12, #12G, 1/2" C	
SDB-8A	H11-13.15.17	EXECUTIVE SESSION CH 110	4	30/15F/3 DISCONNECT, 4#12, #12G, 1/2" C	
SDB-9A	H11-19.21.23	HIDALGO CO LEG CH 108	4	30/15F/3 DISCONNECT, 4#12, #12G, 1/2" C	
SDB-10A	H11-19.21.23	HIDALGO CO LEG CH 108	4	30/15F/3 DISCONNECT, 4#12, #12G, 1/2" C	
SDB-11A	H11-19.21.23	HIDALGO CO LEG CH 108	4	30/15F/3 DISCONNECT, 4#12, #12G, 1/2" C	
SDB-12A	H11-2.4.6	HALL 170	4	30/15F/3 DISCONNECT, 4#12, #12G, 1/2" C	
SDB-13A	H11-2.4.6	HALL 170	4	30/15F/3 DISCONNECT, 4#12, #12G, 1/2" C	
SDB-14A	H11-2.4.6	OFFICE 33 165	4	30/15F/3 DISCONNECT, 4#12, #12G, 1/2" C	
SDB-15A	H11-8.10.12	OFFICE 33 165	4	30/15F/3 DISCONNECT, 4#10, #10G, 1/2" C	
SDB-16A	H11-8.10.12	OFFICE 30 174	4	30/15F/3 DISCONNECT, 4#10, #10G, 1/2" C	
SDB-17A	H11-8.10.12	OFFICE 29 175	4	30/15F/3 DISCONNECT, 4#10, #10G, 1/2" C	
SDB-18A	H11-14.16.18	OFFICE 29 175	4	30/15F/3 DISCONNECT, 4#12, #12G, 1/2" C	
SDB-19A	H11-14.16.18	OFFICE 31 181	4	30/15F/3 DISCONNECT, 4#12, #12G, 1/2" C	
SDB-20A	H11-14.16.18	OFFICE 31 181	4	30/15F/3 DISCONNECT, 4#12, #12G, 1/2" C	
SDB-21	H12-1.3.5	MEDICAL ROOM 251	4	30/15F/3 DISCONNECT, 4#12, #12G, 1/2" C	
SDB-22	H12-1.3.5	OFFICE 1 285	4	30/15F/3 DISCONNECT, 4#12, #12G, 1/2" C	
SDB-23	H12-1.3.5	OFFICE 7 285	4	30/15F/3 DISCONNECT, 4#12, #12G, 1/2" C	
SDB-24	H12-2.6.11	OPEN FLOOR AREA 274	4	30/15F/3 DISCONNECT, 4#12, #12G, 1/2" C	
SDB-25	H12-2.6.11	OPEN FLOOR AREA 274	4	30/15F/3 DISCONNECT, 4#12, #12G, 1/2" C	
SDB-26	H12-2.6.11	OPEN FLOOR AREA 274	4	30/15F/3 DISCONNECT, 4#12, #12G, 1/2" C	
SDB-27	H12-2.6.11	OPEN FLOOR AREA 274	4	30/15F/3 DISCONNECT, 4#12, #12G, 1/2" C	
SDB-28	H12-13.15.17	OFFICE 16 285	4	30/15F/3 DISCONNECT, 4#12, #12G, 1/2" C	
SDB-29	H12-13.15.17	WORK AREA 287	4	30/15F/3 DISCONNECT, 4#12, #12G, 1/2" C	
SDB-30	H12-13.15.17	CONFERENCE ROOM 288	4	30/15F/3 DISCONNECT, 4#12, #12G, 1/2" C	
SDB-31	H12-2.4.6	OFFICE 11 272	4	30/15F/3 DISCONNECT, 4#12, #12G, 1/2" C	
SDB-32	H12-2.4.6	LOBBY 254	4	30/15F/3 DISCONNECT, 4#12, #12G, 1/2" C	
SDB-33	H12-2.4.6	ELECTRICAL ROOM 242	4	30/15F/3 DISCONNECT, 4#12, #12G, 1/2" C	
SDB-34	H12-8.10.12	ELECTRICAL ROOM 242	4	30/15F/3 DISCONNECT, 4#12, #12G, 1/2" C	
SDB-35	H12-8.10.12	OFFICE 7 240	4	30/15F/3 DISCONNECT, 4#12, #12G, 1/2" C	
SDB-36	H12-8.10.12	WORK AREA 233	4	30/15F/3 DISCONNECT, 4#12, #12G, 1/2" C	
SDB-37	H12-14.16.18	WORK AREA 233	4	30/15F/3 DISCONNECT, 4#12, #12G, 1/2" C	
SDB-38	H12-14.16.18	OFFICE 18 235	4	30/15F/3 DISCONNECT, 4#12, #12G, 1/2" C	
SDB-39	H12-14.16.18	OFFICE 10 235	4	30/15F/3 DISCONNECT, 4#12, #12G, 1/2" C	

FAN				DISCONNECTING MEANS AND/OR BRANCH CIRCUIT SIZE	
UNIT DESIGNATION	CIRCUIT DESIGNATION	LOCATION	NOTES		
EF-1A	LP1-46	WOMEN 114		2#12, #12G, 1/2" C	
EF-2A	LP1-66	WOMEN 114		2#12, #12G, 1/2" C	
EF-3A	H1-7	WOMEN 152		2#12, #12G, 1/2" C	
EF-4A	H1-7	WOMEN 153		2#12, #12G, 1/2" C	
EF-5A	H1-7	WOMEN 154		2#12, #12G, 1/2" C	
EF-6A	H1-3	R/R 112		2#12, #12G, 1/2" C	
EF-7A	H1-5	WOMEN 183		2#12, #12G, 1/2" C	
EF-8A	H1-5	WOMEN 184		2#12, #12G, 1/2" C	
EF-9A	LP2-71	WOMEN 252		2#12, #12G, 1/2" C	
EF-10A	H2-1	WOMEN 257		2#12, #12G, 1/2" C	
EF-11A	H2-1	WOMEN 257		2#12, #12G, 1/2" C	
EF-12A	H2-5	WOMEN 268		2#12, #12G, 1/2" C	
EF-13A	H2-7	R/R 207		2#12, #12G, 1/2" C	
EF-14A	H2-7	R/R 237		2#12, #12G, 1/2" C	
EF-15A	H2-11	R/R 232		2#12, #12G, 1/2" C	
EF-16A	H2-1	R/R 207		2#12, #12G, 1/2" C	
EF-17A	H2-1	WOMEN 219		2#12, #12G, 1/2" C	
EF-18A	H2-1	WOMEN 220		2#12, #12G, 1/2" C	

MISCELLANEOUS EQUIPMENT				DISCONNECTING MEANS AND/OR BRANCH CIRCUIT SIZE	
UNIT DESIGNATION	CIRCUIT DESIGNATION	LOCATION	NOTES		
MHEP-1	LP2-66	BREAK ROOM 243		2#12, #12G, 1/2" C	
MH-1	H11-25	MECHANICAL 104		30/-/1 DISCONNECT, 2#10, #10G, 1/2" C	
MH-2	H11-27	LABOR 153		30/-/1 DISCONNECT, 2#10, #10G, 1/2" C	
MH-3	H12-19	MECHANICAL 251		30/-/1 DISCONNECT, 2#10, #10G, 1/2" C	
MH-4	H11-28	BREAK ROOM 121	5	30/-/1 DISCONNECT, 2#12, #12G, 1/2" C	
MH-5	H11-31	WOMEN 184	5	30/-/1 DISCONNECT, 2#12, #12G, 1/2" C	
MH-6	H11-35	BREAK AREA 136	5	30/-/1 DISCONNECT, 2#10, #10G, 1/2" C	
MH-7	H12-21	BREAK ROOM 256	5	30/-/1 DISCONNECT, 2#12, #12G, 1/2" C	
MH-8	H12-23	R/R 287	5	30/-/1 DISCONNECT, 2#10, #10G, 1/2" C	
MH-9	H12-25	BREAK RM 286	5	30/-/1 DISCONNECT, 2#12, #12G, 1/2" C	
MH-10	H12-27	R/R 237	5	30/-/1 DISCONNECT, 2#12, #12G, 1/2" C	
MH-11	H12-28	BREAK 231	5	30/-/1 DISCONNECT, 2#10, #10G, 1/2" C	
MH-12	H12-31	WOMEN 220	5	30/-/1 DISCONNECT, 2#10, #10G, 1/2" C	
MH-13	H12-33	R/R 207	5	30/-/1 DISCONNECT, 2#12, #12G, 1/2" C	
MH-14	H12-35	BREAK 206	5	30/-/1 DISCONNECT, 2#12, #12G, 1/2" C	

GENERAL NOTES:
A. ALL DISCONNECTS AND COMBINATION STARTERS ARE NORMALLY ENCLOSED UNO.
NOTES:
1. FURNISH AND INSTALL DUCT SMOKE DETECTOR AT SUPPLY & RETURN DUCT. FURNISH AND INSTALL RELAY FOR SHUT DOWN CONTROL.
2. EXHAUST FAN SHALL BE SWITCHED WITH LIGHTS.
3. VFD FURNISHED BY DIV. 15 AND INSTALLED BY ELECTRICAL CONTRACTOR.
4. MULTIPLE UNITS SHALL BE CONNECTED TO SINGLE CIRCUIT. FURNISH AND INSTALL ALSO MINIBUS MULTITAP CONNECTORS FOR TAP.
5. DISCONNECT SERVING RM SHALL HAVE NAMEPLATE WHICH INDICATES CIRCUIT # AND ROOM NAME & # OF PANEL IN WHICH IT IS SERVED FROM.

A - MECHANICAL EQUIPMENT CONNECTION SCHEDULE
SCALE: N.T.S.

LIGHTING FIXTURE SCHEDULE

TYPE	DESCRIPTION	MANUFACTURER & MODEL	LAMPS/TEMP/WA	VOLTAGE	REMARKS
A	2X4 LAT-IN TROFFER #12 PATTERN ACRYLIC 0.125" THICK ELECTRONIC BALLAST	LITHONIA #207 3 32 A12125 MWOLT GEB10S EL14 COLUMBIA #17824-3320-PSA12.125-EBBLUMV METALUX #20C-332A125-UMV-EL-850-EB82-U	3-F32T8 3500K 88	120/277	1
AC	2X4 LAT-IN TROFFER #12 PATTERN ACRYLIC 0.125" THICK EMERGENCY BALLAST	LITHONIA #207 3 32 A12125 MWOLT GEB10S EL14 COLUMBIA #17824-3320-PSA12.125-EBBLUMV-850 METALUX #20C-332A125-UMV-EB82-U-850	3-F32T8 3500K 88	120/277	1
B	2X4 LAT-IN TROFFER #12 PATTERN ACRYLIC 0.125" THICK EMERGENCY BALLAST	LITHONIA #207 2 32 A12125 MWOLT GEB10S EL14 COLUMBIA #17824-2320-PSA12.125-EBBLUMV METALUX #20C-232A125-UMV-EB81-U	2-F32T8 3500K 65	120/277	
BC	2X4 LAT-IN TROFFER #12 PATTERN ACRYLIC 0.125" THICK EMERGENCY BALLAST	LITHONIA #207 2 32 A12125 MWOLT GEB10S EL14 COLUMBIA #17824-2320-PSA12.125-EBBLUMV-850 METALUX #20C-232A125-UMV-EL-850-EB81-U	2-F32T8 3500K 65	120/277	
C	2X4 LAT-IN TROFFER #12 PATTERN ACRYLIC 0.125" THICK ELECTRONIC BALLAST DRYBALL GR8 ADAPTER	LITHONIA #207 2 32 A12125 MWOLT GEB10S DG434 COLUMBIA #17824-2320-PSA12.125-EBBLUMV-FK-24 METALUX #20C-232A125-UMV-EB81-U	2-F32T8 3500K 65	120/277	
CE	2X4 LAT-IN TROFFER #12 PATTERN ACRYLIC 0.125" THICK EMERGENCY BALLAST DRYBALL GR8 ADAPTER	LITHONIA #207 2 32 A12125 MWOLT GEB10S EL14 DG424 COLUMBIA #17824-2320-PSA12.125-EBBLUMV-FK-24 METALUX #20C-232A125-UMV-EL-850-EB81-U	2-F32T8 3500K 65	120/277	
D	2" X 2" LAT-IN TROFFER WITH NOMINAL 0.125" THICK PATTERN 12 ACRYLIC LENS	LITHONIA #25P80317A12125MWOLT/SCB10S COLUMBIA #17822-3170-PSA12125-3EU METALUX #20C-317A125-UMV-EB81-U	3-F17T8 3500K 46	120/277	
E	WALL FLUSH MOUNTED CONCEALED EMERGENCY FIXTURE SELF DIAGNOSTIC	CORCAULTE #FS 50 50 50 NO NC FMS	2-50W	120/277	
F	6" RECESSED DOWNLIGHT	GOTHAM #AF 1/42TRT 6 AR PRESCOUTE #CFT632HEB/STF602H PORTFOLIO #C8142E 6151U	1-42TRT 3500K 48	120/277	
FD	6" RECESSED DOWNLIGHT DIMMING BALLAST	GOTHAM #AF 1/42TRT 6 AR DIM EL PRESCOUTE #CFT632HEB-HDM/STF602H PORTFOLIO #C8142E 6151U	1-42TRT 3500K 48	120/277	
FDE	6" RECESSED DOWNLIGHT DIMMING BALLAST EMERGENCY BATTERY PACK	GOTHAM #AF 1/42TRT 6 AR DIM EL PRESCOUTE #CFT632HEB-HDM/STF602H PORTFOLIO #C8142E 6151U	1-42TRT 3500K 48	120/277	
FE	6" RECESSED DOWNLIGHT EMERGENCY BATTERY PACK	GOTHAM #AF 1/42TRT 6 AR EL PRESCOUTE #CFT632HEB-HDM/STF602H PORTFOLIO #C8142E 6151U	1-42TRT 3500K 48	120/277	
G	4" LONG OPEN STRIP WITH WIRE GUARD	LITHONIA #C232NVL0CE10SWSG00N COLUMBIA #CS4-232-EL-41/CSM4 METALUX #SS-232-UMV-EB81-U/ WC/SS-4T-8	2-F32T8 3500K 65	120/277	
GE	4" LONG OPEN STRIP WITH WIRE GUARD EMERGENCY BATTERY PACK	LITHONIA #C232NVL0CE10SWSG00N EL14 COLUMBIA #CS4-232-EL-41/CSM4 METALUX #SS-232-UMV-EL-850-EB81-U/ WC/SS-4T-8	2-F32T8 3500K 65	120/277	
H	3" RECESSED ADJUSTABLE LAMP DOWNLIGHT, INTEGRAL TRANSFORMER	GOTHAM #JOLY A01 MR16 3 AC 277 PRESCOUTE #HAMR277/AC1 PORTFOLIO #HAMR 3470PH	1-30MR16 60	277	
J	LOW PROFILE W/RAPOUND ELECTRONIC BALLAST	LITHONIA #LB 2 32 MWOLT GEB10S COLUMBIA #WCA-232-EJ METALUX #WS-232A-UMV-EB81-U	2-F32T8 3500K 65	120/277	
JE	LOW PROFILE W/RAPOUND EMERGENCY BATTERY PACK	LITHONIA #LB 2 32 MWOLT GEB10S EL14 COLUMBIA #WCA-232-EJ-EL14 METALUX #WS-232A-UMV-EL-850-EB81-U	2-F32T8 3500K 65	120/277	
K	WALL MOUNTED LUMINAIRE WITH SATIN WHITE GLASS	ZWHEEL #01-3075	1-100W	120	
L	6" RECESSED DOWNLIGHT WITH FROSTED ETCHED GLASS DISC DIMMING BALLAST	PEACHTREE #PFTU-7142 PRESCOUTE #CFT632HEB-HDM/STF602H/SR6010 PORTFOLIO #C8142 2042 DTS DISC	1-42TRT 3500K 48	277	
LE	6" RECESSED DOWNLIGHT WITH FROSTED ETCHED GLASS DISC DIMMING BALLAST	PEACHTREE #PFTU-7142 PRESCOUTE #CFT632HEB-HDM-EM/STF602H/SR6010 PORTFOLIO #C8142 2042 DTS DISC	1-42TRT 3500K 48	277	
X	UNIVERSAL EXIT LIGHT WITH BATTERY PACK NUMBER OF FACES AND DIRECTIONAL CHEVRONS AS INDICATED ON THE DRAWINGS	LITHONIA #L0MSK1Y120/277ELN ELAL-LITE #0303EM SURELITE #LP170PHH	LED'S FURNISHED 10	120/277	

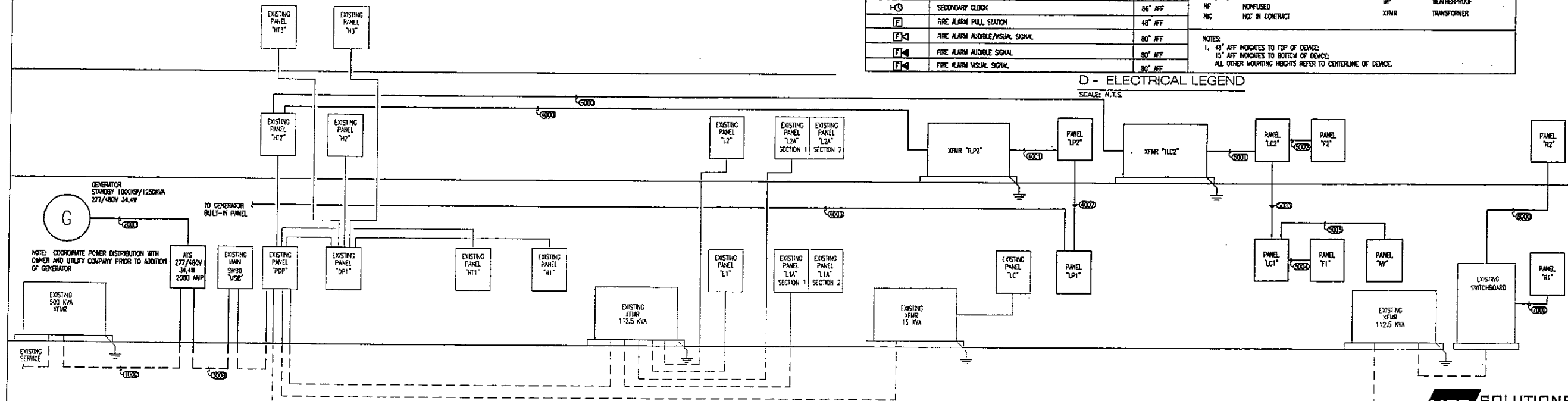
B - ELECTRICAL FIXTURE SCHEDULE
SCALE: N.T.S.

FEEDER / BRANCH CIRCUIT SCHEDULE					
MARK	RACEWAY	PHASE CONDUCTORS	NEUTRAL CONDUCTORS	GROUND CONDUCTORS	REMARKS
1000	4"	3-600KCMIL	1-600KCMIL	1-600KCMIL	FIVE PARALLEL FEEDERS REQUIRED
2000	4"	3-600KCMIL	1-600KCMIL	1-600KCMIL	FIVE PARALLEL FEEDERS REQUIRED
3000	4"	3-600KCMIL	1-600KCMIL	1-600KCMIL	FIVE PARALLEL FEEDERS REQUIRED
4000	2"	3/4"Ø	1/2"Ø	1/2"Ø	
4001	2"	3/4"Ø	1/2"Ø	1/2"Ø	TWO PARALLEL FEEDERS REQUIRED
4002	2 1/2"	3/4"Ø	1/2"Ø	1/2"Ø	
4003	1"	1/2"Ø	1/4"Ø	1/4"Ø	
5000	2"	3/4"Ø	1/2"Ø	1/2"Ø	
5001	2 1/2"	3/4"Ø	1/2"Ø	1/2"Ø	TWO PARALLEL FEEDERS REQUIRED
5002	1 1/2"	3/4"Ø	1/2"Ø	1/2"Ø	
5003	2 1/2"	3/4"Ø	1/2"Ø	1/2"Ø	
5004	1 1/2"	3/4"Ø	1/2"Ø	1/2"Ø	
5005	1 1/2"	3/4"Ø	1/2"Ø	1/2"Ø	
6000	1 1/2"	3/4"Ø	1/2"Ø	1/2"Ø	
7000	1 1/2"	3/4"Ø	1/2"Ø	1/2"Ø	

A - FEEDER / BRANCH CIRCUIT SCHEDULE
SCALE: N.T.S.

TRANSFORMER SCHEDULE					
MARK	KVA	PRIMARY VOLTAGE	SECONDARY VOLTAGE	GROUNDING ELECTRODE	REMARKS
1FMR-1F2	112-1/2	480V DELTA	208Y/120 3Ø WYE	117/Ø	
1FMR-1F2	112-1/2	480V DELTA	208Y/120 3Ø WYE	117/Ø	

B - ELECTRICAL TRANSFORMER SCHEDULE
SCALE: N.T.S.



C - ELECTRICAL RISER DIAGRAM
SCALE: N.T.S.

ELECTRICAL LEGEND						
ALL SYMBOLS SHOWN MAY NOT APPEAR IN ALL DRAWINGS. SYMBOLS ARE SHOWN SCHEMATIC AND MAY NOT BE TO SCALE.						
SYMBOL	DESCRIPTION	MNTG. HT. UNO (SEE NOTE 1)	SYMBOL	DESCRIPTION	MNTG. HT. UNO (SEE NOTE 1)	
[Symbol]	2x4' FLUORESCENT LIGHT FIXTURE	SEE FIX. SCH.	[Symbol]	FIRE ALARM SPRINKLER FLOW SWITCH	-	
[Symbol]	2x4' FLUORESCENT LIGHT FIXTURE ON EMERGENCY CIRCUIT	SEE FIX. SCH.	[Symbol]	FIRE ALARM SPRINKLER TAMPER SWITCH	-	
[Symbol]	2x4' FLUORESCENT LIGHT FIXTURE SWITCHED BY INBOARD LAMPS ONE SWITCH AND OUTBOARD LAMPS ON ANOTHER	SEE FIX. SCH.	[Symbol]	FIRE ALARM SPRINKLER TAMPER SWITCH	-	
[Symbol]	2x4' FLUORESCENT LIGHT FIXTURE W/ INBOARD LAMPS ON EMERGENCY CIRCUIT AND OUTBOARD LAMPS ON NORMAL CIRCUIT	SEE FIX. SCH.	[Symbol]	FIRE ALARM SPRINKLER PRESSURE SWITCH	-	
[Symbol]	2x2' FLUORESCENT LIGHT FIXTURE	SEE FIX. SCH.	[Symbol]	FIRE ALARM SMOKE DETECTOR CEILING OR WALL MOUNTED	80" AFF	
[Symbol]	2x2' FLUORESCENT LIGHT FIXTURE ON EMERGENCY CIRCUIT	SEE FIX. SCH.	[Symbol]	HEAT DETECTOR CEILING OR WALL MOUNTED	-	
[Symbol]	FLUORESCENT STRIP LIGHT	SEE FIX. SCH.	[Symbol]	DUCT SMOKE DETECTOR	-	
[Symbol]	1'x4' FLUORESCENT LIGHT FIXTURE	SEE FIX. SCH.	[Symbol]	SMOKE DOOR HOLDER	-	
[Symbol]	TRACK LIGHT	SEE FIX. SCH.	[Symbol]	FIRE ALARM CONTROL PANEL	-	
[Symbol]	INCANDESCENT, FLUORESCENT, OR HD WALL WASHER LIGHT FIXTURE CEILING MTD.	SEE FIX. SCH.	[Symbol]	FIRE ALARM ANNUNCIATOR PANEL	-	
[Symbol]	INCANDESCENT, FLUORESCENT, OR HD FIXTURE CLG. OR WALL MTD.	SEE FIX. SCH.	[Symbol]	P.A. SPEAKER, CEILING OR WALL MOUNTED	6' BFC	
[Symbol]	INCANDESCENT, FLUORESCENT, OR HD FIXTURE ON EMERGENCY Ckt. CLG. OR WALL MTD.	SEE FIX. SCH.	[Symbol]	MICROPHONE OUTLET	-	
[Symbol]	EXIT LIGHT, CEILING OR WALL MOUNTED - SHADING INDICATING SINGLE OR DOUBLE ENDS; DIRECTIONAL ARROWS AS INDICATED	9" BFC	[Symbol]	DISCONNECT SWITCH - 3Ø/-/Ø INDICATES 3ØA, 3-POLE, NONFUSED; 3Ø/3Ø/Ø INDICATES 3ØA, 3-POLE, 3ØA FUSE	AS RECD.	
[Symbol]	WALL SWITCH SPST, 20A/120/277V	48" AFF	[Symbol]	CIRCUIT BREAKER DISCONNECT SWITCH - THERMAL MAGNETIC CSD IN NEMA 1 ENCL. AMP/POLES AS INDICATED	AS RECD.	
[Symbol]	DOUBLE POLE TOGGLE SWITCH, 20A/120/277V	48" AFF	[Symbol]	DISCONNECT SWITCH - 3Ø/3Ø/Ø INDICATES 3ØA, 3-POLE, 3ØA FUSE	AS RECD.	
[Symbol]	3-WAY WALL SWITCH, 20A/120/277V	48" AFF	[Symbol]	MOTOR STARTER FMR UNO; NUMBER INDICATES NEMA SIZE	AS RECD.	
[Symbol]	4-WAY WALL SWITCH, 20A/120/277V	48" AFF	[Symbol]	COMBINATION MOTOR CONTROLLER/DISCONNECT SWITCH	AS RECD.	
[Symbol]	WALL DIMMER SWITCH	48" AFF	[Symbol]	MOTOR	-	
[Symbol]	KEY OPERATED WALL SWITCH	48" AFF	[Symbol]	PANELBOARD	-	
[Symbol]	WALL SWITCH WITH PILOT LIGHT	48" AFF	[Symbol]	CIRCUIT HOME RUN TO PANELBOARD (2 #12, 1 #10, 1/2"Ø 20M/1P CS UNO)	-	
[Symbol]	SINGLE RECEPTACLE - 20A/125V/ØP/3Ø/Ø NEMA 5-2ØR	15" AFF	[Symbol]	THREE SINGLE POLE DEVICE CIRCUIT NUMBERS	-	
[Symbol]	DUPLEX RECEPTACLE - 20A/125V/ØP/3Ø/Ø NEMA 5-2ØR	15" AFF	[Symbol]	MULTI-POLE DEVICE CIRCUIT NUMBERS	-	
[Symbol]	DUPLEX RCPT. SPLIT-WIRED - 20A/125V/ØP/3Ø/Ø NEMA 5-2ØR	15" AFF	[Symbol]	MOTION DETECTOR, CEILING OR WALL MOUNTED	-	
[Symbol]	DUPLEX RCPT. OFI - 20A/125V/ØP/3Ø/Ø NEMA 5-2ØR	15" AFF	[Symbol]	DOOR HOLDER - REFER TO ARCHITECTURAL DOOR SCHEDULE FOR DOOR ROUGH-IN REQUIREMENTS	-	
[Symbol]	QUADRUPLX RECEPTACLE (TWO DUPLEX RCPTS. UNDER ONE COVERPLATE)	15" AFF	[Symbol]	CHIME/STRAPE	80" AFF	
[Symbol]	ISOLATED GROUND DUPLEX RECEPTACLE - 20A/125V NEMA 5-2ØR	15" AFF	[Symbol]	BELL/BUZZ	48" AFF	
[Symbol]	DUPLEX RECEPTACLE OR EMERGENCY CIRCUIT	15" AFF	[Symbol]	CLASS BREAK MGRN SENSOR	-	
[Symbol]	FLOOR MOUNTED DUPLEX RECEPTACLE - FLUSH MOUNTED UNO	-	[Symbol]	DOOR CONTACTS	-	
[Symbol]	SPECIAL PURPOSE RECEPTACLE (NEMA NO. AS INDICATED)	15" AFF	[Symbol]	KEYPAD	48" AFF	
[Symbol]	JUNCTION BOX - SIZE & MOUNTING AS REQUIRED	AS RECD.	[Symbol]	CAMERA - REFER TO AV SHEETS FOR MOUNTING HEIGHTS	-	
[Symbol]	MULTIOUTLET ASSEMBLY - LENGTH AND OUTLET SPACING AS INDICATED	AS NOTED	[Symbol]	CARD READER - REFER TO DESCRIPTION IN DOOR HARDWARE SPECIFICATION SECTION	48" AFF	
[Symbol]	TELEPHONE/DATA OUTLET, WALL MOUNTED - SUB 1" C. ABOVE CEILING FROM OUTLET BOX	15" AFF	ELECTRICAL ABBREVIATIONS			
[Symbol]	FLOOR MOUNTED DATA/TELEPHONE OUTLET - FLUSH MOUNTED UNO	-	AF	ABOVE FINISHED FLOOR	NL	NIGHT LIGHT
[Symbol]	TELEVISION OUTLET, CLG. OR WALL MOUNTED - SUB 3/4" C. ABOVE CEILING FROM OUTLET BOX	15" AFF	BFC	BELOW FINISHED CEILING	NO (N.O.)	NORMALLY OPEN
[Symbol]	PUSHBUTTON	48" AFF	C	CONDUIT	RCPT(S)	RECEPTACLE(S)
[Symbol]	CLOCK HANGER OUTLET 15A/125V/ØP/3Ø/Ø RECEPTACLE	96" AFF	CB	CIRCUIT BREAKER	PNL	PANEL
[Symbol]	SECONDARY CLOCK	96" AFF	EC	EMPTY CONDUIT	SO (S.O.)	SPACE ONLY
[Symbol]	FIRE ALARM PULL STATION	48" AFF	EX	EXISTING	SP	SPARE
[Symbol]	FIRE ALARM AUDIBLE/MSGAL. SIGNAL	80" AFF	F	FUSE	ST (S.T.)	SHUNT TRIP
[Symbol]	FIRE ALARM AUDIBLE SIGNAL	80" AFF	G	GROUND (EQUIPMENT)	SW	SWITCH
[Symbol]	FIRE ALARM MSGAL. SIGNAL	80" AFF	GF	GROUND FAULT INTERRUPTER	UF	UNDERFLOOR
[Symbol]			IC	INTERRUPTING CAPACITY	UG	UNDERGROUND
			IG	ISOLATED GROUND	UNO (U.N.O.)	UNLESS NOTED OTHERWISE
			MTD	MOUNT OR MOUNTED	WG	WIRE GUARD
			NC (N.C.)	NORMALLY CLOSED	WP	WEATHERPROOF
			NF	NONFUSED	XFR	TRANSFORMER
			NC	NOT IN CONTRACT		

D - ELECTRICAL LEGEND
SCALE: N.T.S.

AGA
AGACOR CONSULTING
1333 E. Jasmine Ave.
McAllen, Texas 78501
OFFICE: 361.618.3007
FAX: 361.618.3008
WEB: WWW.AGACOR.COM

1st AND 2nd FLOORS REMODEL
FORMER ADMINISTRATION BUILDING
HIDALGO COUNTY, TEXAS
CITY OF EDINBURG, TEXAS

THE USE OF THESE DRAWINGS IS RESTRICTED TO THE ORIGINAL PURPOSE FOR WHICH THEY WERE INTENDED. REPRODUCTION WITHOUT WRITTEN PERMISSION FROM THE OWNER IS PROHIBITED.

PROJECT # 06072
ISSUED: 03/05/08
DRAWN BY:
CHECKED BY:
FILE NAME:
SHEET:

MEP SOLUTIONS
ENGINEERING
MECHANICAL, ELECTRICAL, PLUMBING ENGINEERS
805 BEAUMONT AVE. SUITE 200 DALLAS, TX 75201 (972) 841-2727

