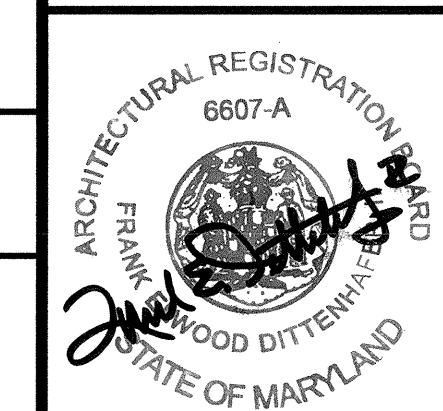


Murphy & Dittenhafer
A R C H I T E C T S

800 North Charles Street, Baltimore, Maryland 21201
410-482-4823 Voice 410-625-4871 Fax

228 West Market Street, York, Pennsylvania 17401
717-843-8627 Voice 717-843-2449 Fax

CONSULTANT



PHASE ONE: ADDITION TO STATE OFFICE BUILDING NO.3
2100 GUILFORD AVENUE, BALTIMORE, MD 21218
MARYLAND DEPARTMENT OF GENERAL SERVICES

[illegible]

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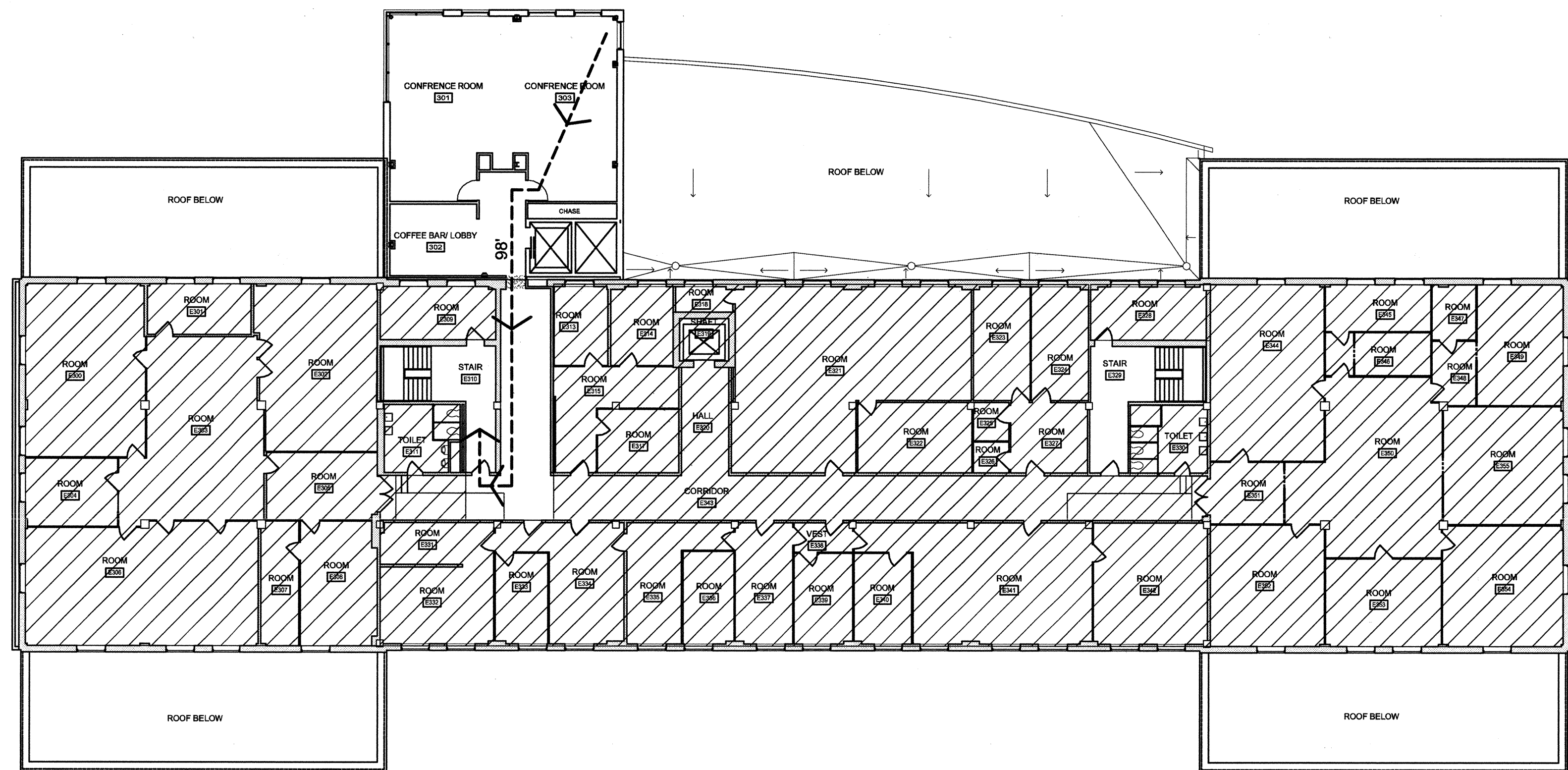
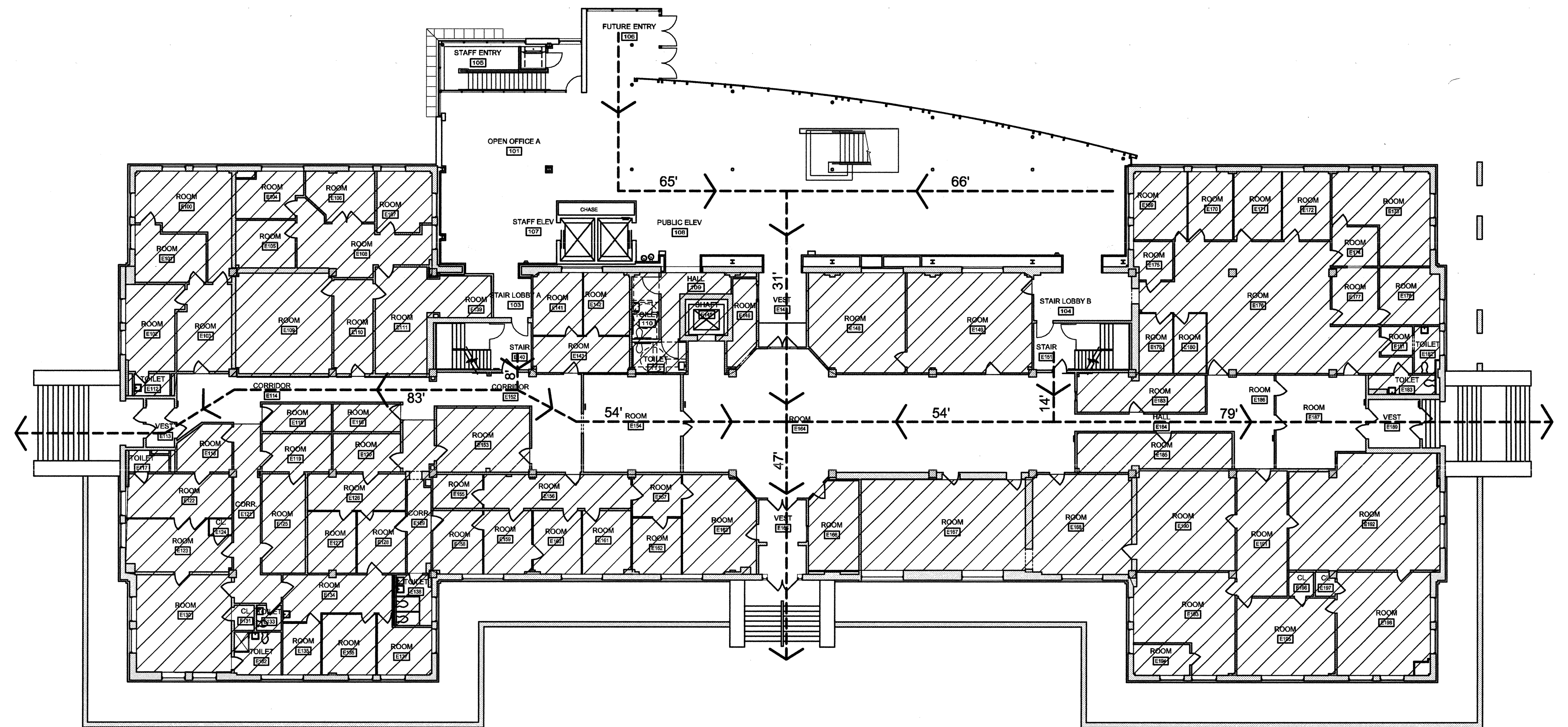
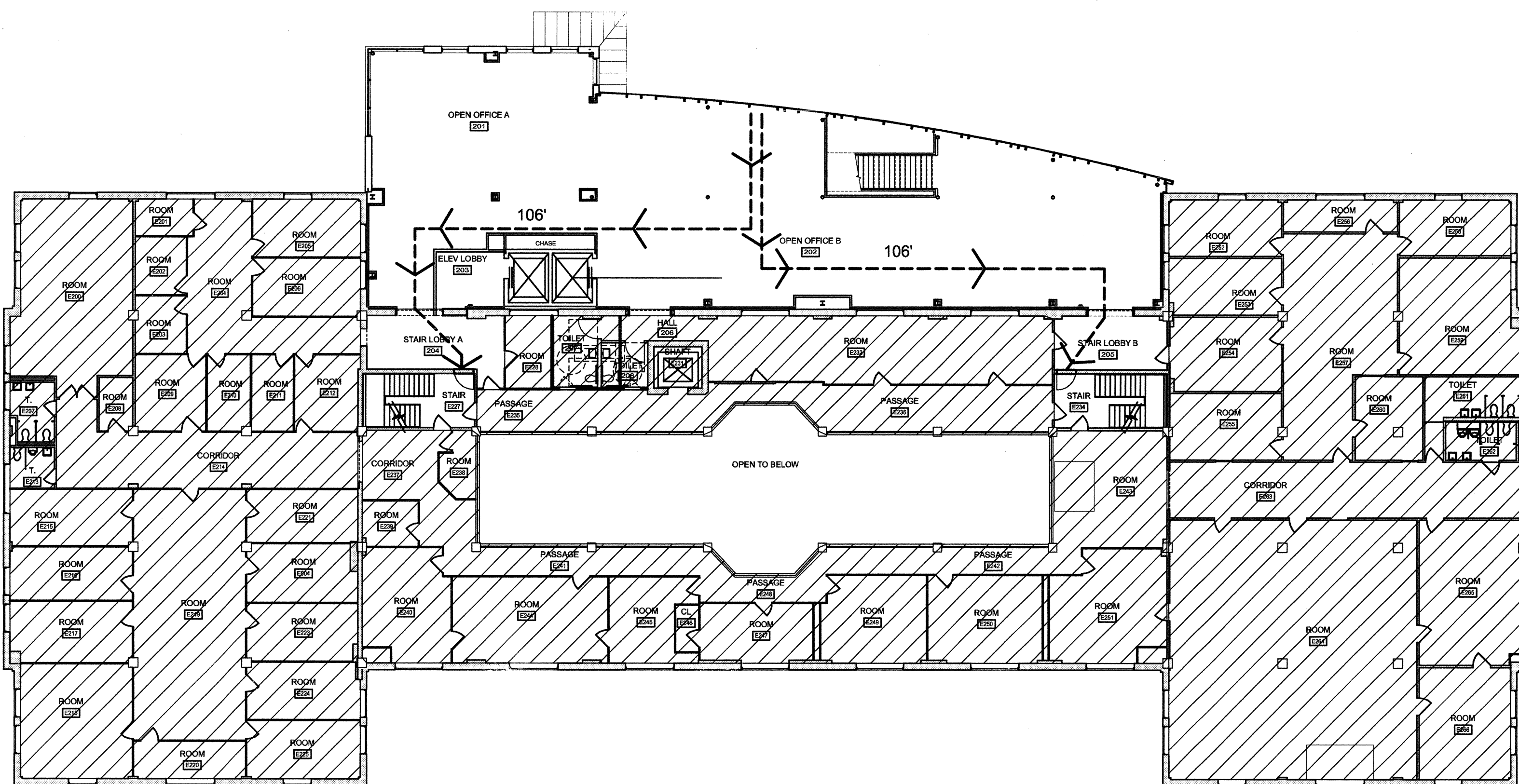
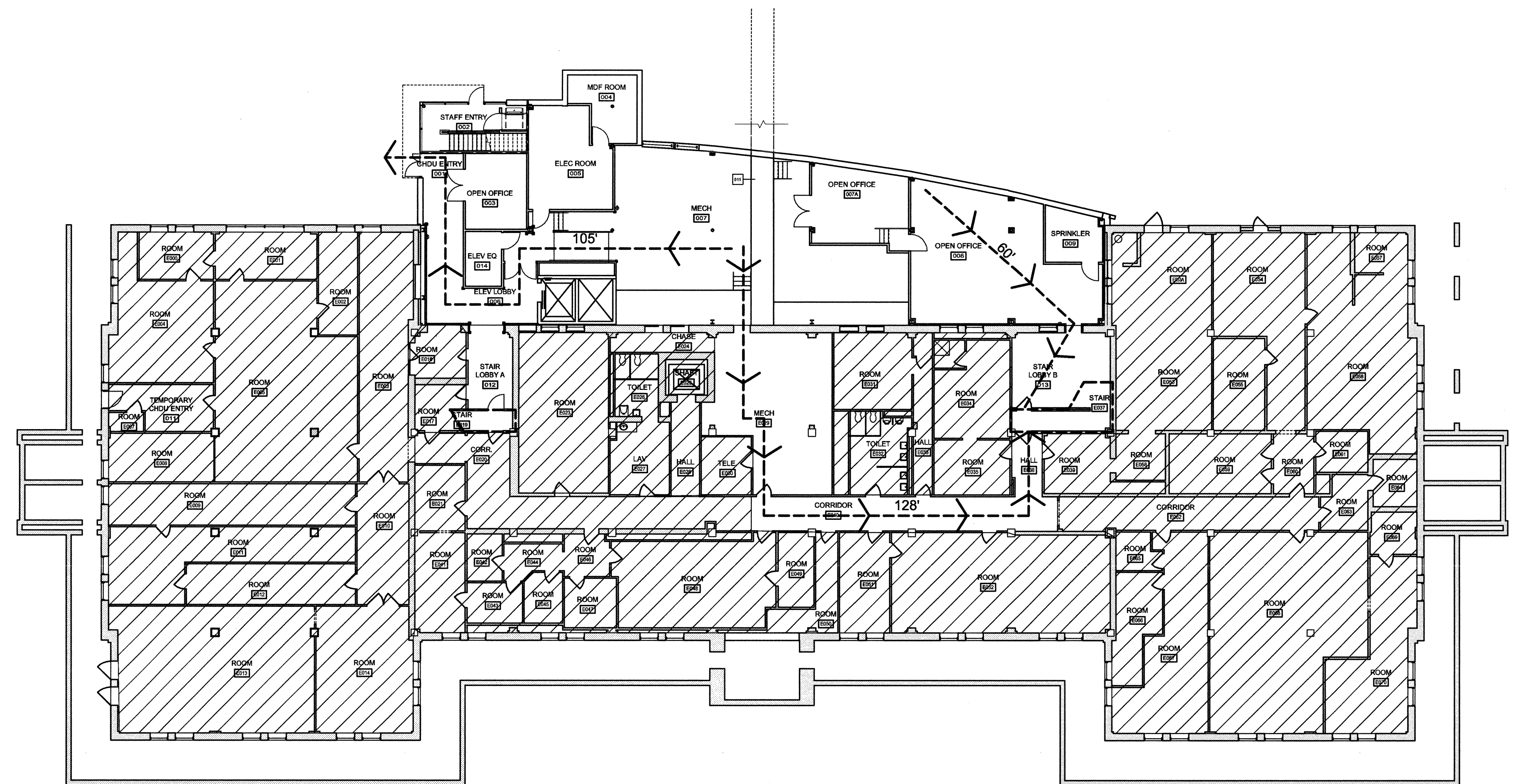
KEYED NOTE MASTER LIST

EVERY NOTE LISTED BELOW MAY NOT BE USED ON EACH ARCHITECTURAL DRAWING SHEET.

001	EXISTING CONSTRUCTION	133	2" AIR SPACE
002	EXISTING BUILDING BEYOND	200	COMPOSITE CONCRETE FLOOR SYSTEM
003	NEW CONSTRUCTION BEYOND	201	STEEL ROOF DECK ON OPEN WEB STEEL JOISTS
004	DOOR BEYOND	202	STEEL COLUMN
005	GLAZED OPENING BEYOND	203	STEEL BEAM
006	STAIRS BEYOND	204	STEEL FRAMING
007	SILL BEYOND	205	GALVANIZED STEEL RELIEVING ANGLE - SECURE TO SLAB POUR STOP
008	FACE OF WALL BEYOND	206	STRUCTURAL STEEL STRUT - SECURE TO BEAM - SEE STRUCTURAL DRAWINGS
009	FLUSH / ALIGN	207	GALVANIZED STEEL RELIEVING ANGLE - SECURE TO STRUCTURAL STEEL STRUTS
010	FUTURE WORK	208	STEEL POUR STOP - SEE STRUCTURAL DRAWINGS
011	UTILITY TUNNEL TO REMAIN	209	GALVANIZED STEEL Lintel AS SCHEDULED - SPECIFICALLY NOTED OTHERWISE
012	UNDERSIDE OF EXISTING CONCRETE STAIRS AND LANDING ABOVE	210	1.3X3X3/8" - SECURE TO JOISTS - SEE STRUCTURAL
013	ACCESS TO NEW ROOF THROUGH EXISTING WINDOW	211	1.4X3X3/8" - SECURE TO BEAM AT 48" O.C. MAXIMUM
014	NO WORK IN THIS AREA UNLESS CONTRACTOR WILL BE REQUIRED TO RESTORE ANY DAMAGED AREAS AS NECESSARY TO PRESERVE EXISTING WARRANTIES	212	COPE BEAM WEB - APPX. 4" DIAMETER - TO PERMIT INSTALLATION OF ROOF DRAIN PIPING
040	CUT NEW OPENING OR ENLARGE EXISTING OPENING IN EXISTING CONCRETE WALL - REMOVE MATERIAL TO BELOW FLOOR LEVEL AS REQUIRED TO PERMIT NEW WORK - INSTALL NEW Lintel AS SCHEDULED - SEE STRUCTURAL DRAWINGS	213	ST 2 1/2" X 2 1/2" X 3/8" BETWEEN JOISTS TO SUPPORT EDGE OF ROOF DECK - WELD TO BEAM
041	REMOVE EXISTING STONE VENEER - SALVAGE FOR FUTURE USE AND STORE ON SITE AS DIRECTED BY OWNER	220	INSTALL NEW Lintel AS SCHEDULED - SEE STRUCTURAL DRAWINGS
050	REMOVE EXISTING CONCRETE SLAB ON GRADE	221	METAL DECK
051	REMOVE EXISTING CONCRETE STEPS, WALLS AND FOUNDATIONS, AND SLAB ON GRADE UNDER STAIR - LEAVE UTILITY TUNNEL INTACT	222	METAL GRATING
052	REMOVE EXISTING CONCRETE FOUNDATION AS REQUIRED - SEE STRUCTURAL DRAWINGS	230	4" CONCRETE MASONRY UNITS
053	REMOVE EXISTING WINDOW	231	8" CONCRETE MASONRY UNITS - SEE STRUCTURAL FOR GROUTING AND REINFORCEMENT
054	REMOVE EXISTING WINDOW AND SALVAGE FOR REINSTALLATION	232	HORIZONTAL MASONRY WALL REINFORCING
056	CUT NEW OPENING OR ENLARGE EXISTING OPENING IN EXISTING MASONRY WALL - REMOVE MATERIAL TO BELOW FLOOR LEVEL AS REQUIRED TO PERMIT NEW WORK - INSTALL NEW Lintel AS SCHEDULED - SEE STRUCTURAL DRAWINGS	233	MASONRY BOND BEAM - SEE STRUCTURAL
057	REMOVE EXISTING MASONRY AND / OR STONE - BELOW WINDOW TO COMPLETE REQUIRED OPENING	234	MASONRY VERTICAL CONTROL JOINT
058	CUT AWAY PORTION OF EXISTING CORNICE AS REQUIRED TO CLEAR NEW WORK	235	NEW INFILL CONCRETE FLOOR SLAB - SEE STRUCTURAL
059	REMOVE EXISTING PARTITION	236	8" COLD FORMED STEEL STUDS - SEE STRUCTURAL
060	REMOVE EXISTING FLOORING - PREPARE SLAB TO RECEIVE NEW WORK	251	COLD FORMED STUD TRACK
061	REMOVE EXISTING PLASTER CEILING	252	FORMED STUD Lintel AS SCHEDULED
062	REMOVE EXISTING ACOUSTICAL CEILING	253	PROVIDE DOUBLE STUD FRAMING AT JAMB U.N.O.
063	REMOVE EXISTING HEATING UNIT, RELATED PIPING AND INSULATION - SEE MECHANICAL	254	COLD FORMED STEEL STUD JAMB SUPPORT - COPE TOP AND BOTTOM TO CLEAR TRACK AND SECURE TO WALL STUD
064	REMOVE EXISTING PLUMBING DEVICE AND RELATED PIPING - SEE PLUMBING	255	COLD FORMED STEEL STUD TRACK FOR JAMB SUPPORT - COPE ONE FLANGE AND SECURE TO WALL STUDS
065	REMOVE EXISTING ELECTRICAL DEVICE, RELATED WIRING AND CONDUIT - SEE ELECTRICAL	256	4" COLD FORMED STEEL STUDS - SEE STRUCTURAL
066	REMOVE EXISTING LIGHT FIXTURE, RELATED WIRING AND CONDUIT - SEE ELECTRICAL	257	BREAK-METAL COVERED FILLER PANEL AS REQUIRED TO CLEAR NEW WORK
067	REMOVE EXISTING STEPS	258	BREAK-METAL TRIM - COPE EDGE TO CLEAR STEEL FRAMING
068	REMOVE EXISTING ROOF	259	BREAK-METAL FLASHING - SECURE TO CONCRETE - SET IN SEALANT
069	REMOVE EXISTING WALL	270	HIGH DENSITY PREFINISHED CONCRETE MASONRY UNITS (HDP-CMU) - NOMINAL 4" THICK U.N.O. - SEE ELEVATIONS FOR FINISH
070	REMOVE EXISTING CONCRETE STEPS, WALLS AND FOUNDATIONS, AND SLAB ON GRADE	271	COPE BOTTOM EDGE OF MASONRY UNITS TO FIT Lintel
080	NEW CONCRETE WALK	272	PROVIDE RETURN AT EDGE OF MASONRY UNITS
081	EXISTING FINISH GRADE - VARIES - SEE CIVIL	273	GROUND FACE HDP-CMU SILL - PROVIDE CUSTOM PROFILE AS SHOWN
082	UNDERPIN EXISTING FOUNDATIONS AS REQUIRED - SEE STRUCTURAL DRAWINGS	274	PRESSURE TREATED 2" X 4" O.C. MAXIMUM
121	CONCRETE FOUNDATION - SEE STRUCTURAL	275	MASONRY ANCHOR IN VERTICAL JOINT
122	CONCRETE SLAB ON GRADE	276	5/8" GYPSUM SHEATHING
123	CONCRETE FLOOR SLAB	280	INSTALL SPRAY-APPLIED AIR BARRIER MEMBRANE OVER GYPSUM SHEATHING
124	COMPACTED STRUCTURAL FILL	281	STAINLESS S/S FLEXIBLE FLASHING WITH STAINLESS S/S FLEXIBLE Drip EDGE
125	STONE BASE COURSE	282	R-19 BATT INSULATION - INSTALL WITH VAPOR BARRIER TO INSIDE FACE
126	SPRAY-APPLIED MOISTURE BARRIER	283	BACKER ROD AND SEALANT
127	SPRAY-APPLIED WATERPROOFING MEMBRANE	284	5/8" EXTERIOR PLYWOOD SHEATHING
128	1 1/2" RIGID PERIMETER INSULATION	285	FILL SPACE WITH SEMI-RIGID INSULATION
129	ASPHALT IMPREGNATED EXPANSION JOINT FILLER	286	3/8" ALUMINUM BREAK-METAL TRIM - FIT EDGES TO PROVIDE CHANNEL FOR SEALANT
130	CAST-IN-PLACE CONCRETE WALL	287	COPE TURNED-DOWN EDGES TO CLEAR STEEL FRAMING
131	CAST-IN-PLACE CONCRETE CURB	288	PROVIDE TEMPERED GLASS AT THIS PANEL
132	1 1/2" RIGID CAVITY-WALL INSULATION WITH AIRSPACE MAINTENANCE AND DRAINAGE SYSTEM	289	ALUMINUM STOREFRONT BASE FLASHING
		290	MASONRY ANCHORS AT ALTERNATE COURSES OR 24" O.C. MAXIMUM
		291	STEEL FRAMING
		292	ALUMINUM STOREFRONT BASE FLASHING
		293	STEEL FRAMING
		294	1/2" WIRE GLASS
		295	OUTSIDE, PRESSURE GLAZED LOW-RISE ALUMINUM CURTAIN WALL SYSTEM
		296	1" INSULATED GLASS PANEL

297	1/2" GLASS PANEL - TEMPERED U.N.O.	385	RABBETED 2 X 8 TREATED WOOD BLOCKING
298	1/2" SPANDREL GLASS PANEL	386	2 X 12 TREATED WOOD BLOCKING - SECURE TO FRAMING OR ADJACENT BLOCKING
299	3/4" X 1 1/4" TWO-PIECE ALUMINUM TRIM	387	2 X 12 TREATED WOOD BLOCKING - SECURE TO FRAMING OR ADJACENT BLOCKING WITH SELF-TAPPING SCREWS OR POWDER ACTUATED FASTENERS
300	2" SEMI-RIGID INSULATION	388	1 X 2 TREATED WOOD BLOCKING - SECURE TO FRAMING OR ADJACENT BLOCKING
301	CLIP INSULATION TO 2X2X 5/8" ALUMINUM ANGLE - SECURE TO CURTAIN WALL MEMBER	389	2 X 2 TREATED WOOD BLOCKING - SECURE TO FRAMING OR ADJACENT BLOCKING
302	PREFINISHED .063 ALUMINUM BRAKE METAL COPING	390	WEEP HOLES @ 24" O.C.
303	1.5X3X3/8" BRACKET - SECURE TO POUR STOP OR EDGE ANGLE	391	FLAT SEAM, SOLDERED COPPER GUTTER
304	SECURE COPING TO 1"x1"x 5/8" ALUMINUM ANGLE ATTACHED TO CURTAIN WALL MEMBER	392	ALUMINUM FASCIA
305	TRANSOM BAR FOR SURFACE CLOSER	393	STANDING SEAM ROLLED JOINT, COMPLETELY SEPARATE DIFFERENT MATERIALS WITH BUTYL TAPE
306	3/8"x2" 1" BRACKET - SECURE TO STEEL BEAM	398	METAL DRYWALL STUDS - 8" X 20 GA @ 16" O.C. U.N.O.
307	0.063 ALUMINUM BREAK-METAL CORNER FILLER PANEL - SECURE TO CURTAIN WALL MEMBER	400	METAL DRYWALL STUDS - 2 1/2" X 20 GA @ 16" O.C. U.N.O.
308	NOMINAL 2" HDP-CMU VENEER (BASE BID)	401	METAL DRYWALL STUDS - 3 5/8" X 20 GA @ 16" O.C. U.N.O.
309	1 1/2" STONE VENEER ON STAINLESS STEEL ANCHORAGE / SUPPORT SYSTEM (ALT. BID)	402	HAT CHANNEL DRYWALL FURRING
311	QUIRK	403	1/2" ACOUSTICAL HAT CHANNEL DRYWALL FURRING
312	BOND 2 INCH THICK RIGID INSULATION TO EDGE OF SLAB	404	3" MINERAL FIBER ACOUSTICAL BATT INSULATION
314	HOLLOW METAL BORROWED LIGHT FRAME	405	2 LAYERS OF 5/8" GYPSUM WALL BOARD
315	HOLLOW METAL DOOR FRAME	406	WELD POST TO TUBE STEEL STRINGER
316	MASONRY ANCHORS FOR DOOR FRAME	407	WELD POST TO 3"x3"x3/8" BASE PLATE - SECURE TO FLOOR SLAB WITH TWO 3/8" DIAMETER BOLTS OR EQUIVALENT POWDER ACTUATED FASTENERS
317	GROUT FRAME SOLID	408	WELD POST TO 3"x3"x3/8" BASE PLATE - SECURE TO FLOOR SLAB WITH TWO 3/8" DIAMETER BOLTS OR EQUIVALENT POWDER ACTUATED FASTENERS
318	METAL STUD ANCHORS FOR DOOR FRAME	409	WALL EXPANSION JOINT FILLER
319	HOLLOW METAL DOOR	410	EXTERIOR WALL EXPANSION JOINT FILLER
320	FILL CHANNEL AT BOTTOM OF DOOR W/ SEMI-RIGID INSULATION	411	BRACE TOP OF PARTITION OR FURRING TO STRUCTURE @ 48" O.C. MAXIMUM. USE EQUIVALENT OF 1 1/2" X 20 GA DRYWALL STUD MINIMUM
321	HOLLOW METAL TRIM WHERE WALL THICKNESS EXCEEDS 6" - SECURE W/ FASTENERS CONCEALED BY DOOR FRAME LOUVER	412	1/2" ACOUSTICAL HAT CHANNEL DRYWALL FURRING
325	1"x3" TWO-PIECE ALUMINUM TRIM	413	COPED STUD TRACK
326	P.T. WOOD BLOCKING - SECURE TO FRAMING OR ADJACENT BLOCKING W/ SELF TAPPING SCREWS OR POWDER ACTUATED FASTENERS	414	SECURE 2 1/2" METAL DRYWALL STUDS TO EACH EXTERIOR WALL STUD
328	1"x3" TWO-PIECE ALUMINUM TRIM	420	WOOD DOOR
329	P.T. WOOD BLOCKING - SECURE TO FRAMING OR ADJACENT BLOCKING W/ SELF TAPPING SCREWS OR POWDER ACTUATED FASTENERS	421	24" X 24" ACCESS PANEL
333	FORMED STUD TRACK	422	ALUMINUM DOOR - GLAZE AS NOTED
350	BUILT-UP ROOF ON R-18 ROOF INSULATION OVER ROOF STRUCTURE AS NOTED	423	THRESHOLD - SET IN BUTYL RUBBER SEALANT
351	BUILT-UP ASPHALT AND GRAVEL ROOFING	424	DOOR AS SCHEDULED
352	CREATE CRICKETS WITH TAPERED INSULATION	425	PROVIDE DOUBLE STUDS @ DOOR JAMBS, OPENINGS AND PARTITION ENDS
353	ROOF DRAIN - SEE PLUMBING DRAWINGS	426	PROVIDE DOUBLE STUD Lintel AT OPENINGS - INSTALL W/ WEB VERTICAL
355	LADDER	427	3 5/8" C-H METAL SHAFT WALL STUDS
356	WALKWAY PADS	428	EXTEND THIS LAYER OF GYPSUM WALL BOARD TO TOP OF STAIR STRINGER
357	OVERFLOW SCUPPER	429	BOARD TO TOP OF STAIR STRINGER
358	MINERAL SURFACE CAP SHEET	430	DRYWALL EXPANSION JOINT FOR 1" OPENING
359	BUILT-UP ASPHALT FLASHING	431	BOND ONE LAYER OF 5/8" GYPSUM WALL BOARD TO EXISTING MASONRY
360	FIBER GLASS STRIP	432	2 1/2" DIAMETER HANDRAIL BRACKET WALL PLATE - SECURE TO BLOCKING W/ 3 #10 SELF DRILLING / SELF TAPPING PLAT HEAD SCREWS
361	GALVANIZED STEEL COUNTERFLASHING	433	PAINTED STEEL AT BASE BID, STAINLESS STEEL AT ALTERNATE BID
362	SURFACE MOUNTED RECEIVER FOR COUNTERFLASHING	434	DRYWALL EXPANSION JOINT FOR 1" OPENING
363	FLAT SEAM, SOLDERED COPPER ROOFING	435	BOND ONE LAYER OF 5/8" GYPSUM WALL BOARD TO EXISTING MASONRY
364	PREFINISHED .063 ALUMINUM BREAK METAL FASCIA	436	2 1/2" DIAMETER HANDRAIL BRACKET WALL PLATE - SECURE TO BLOCKING W/ 3 #10 SELF DRILLING / SELF TAPPING PLAT HEAD SCREWS
365	EXTEND SOLDERED COPPER FLASHING UNDER WINDOW SILL AND TURN UP 1 1/2" HEM EDGE	437	PAINTED STEEL AT BASE BID, STAINLESS STEEL AT ALTERNATE BID
366	CONTINUOUS CLEAT	438	DRYWALL EXPANSION JOINT FOR 1" OPENING
367	GRAVEL STOP	439	2 1/2" DIAMETER HANDRAIL BRACKET WALL PLATE - SECURE TO BLOCKING W/ 3 #10 SELF DRILLING / SELF TAPPING PLAT HEAD SCREWS
368	EXTRUDED DRIP / SCREED	440	PAINTED STEEL AT BASE BID, STAINLESS STEEL AT ALTERNATE BID
370	PRESSURE TREATED WOOD NAILER - SECURE TO FRAMING OR ADJACENT BLOCKING WITH SELF-TAPPING SCREWS OR POWDER ACTUATED FASTENERS	441	DRYWALL EXPANSION JOINT FOR 1" OPENING
371	ROOF EXPANSION JOINT	442	2 1/2" DIAMETER HANDRAIL BRACKET WALL PLATE - SECURE TO BLOCKING W/ 3 #10 SELF DRILLING / SELF TAPPING PLAT HEAD SCREWS
372	R-18 POLYISOCYANURATE ROOF INSULATION	443	PAINTED STEEL AT BASE BID, STAINLESS STEEL AT ALTERNATE BID
373	P.T. WOOD SHIM - CUT FROM 2X MATERIAL TO PROVIDE SLOPE FOR PLYWOOD DECK - ADHERE TO STEEL FRAMING	444	SPRING HINGES
374	3/4" EXTERIOR PLYWOOD DECK - SECURE TO STEEL FRAMING THROUGH P.T. SHIMS	445	2" X 3" X 3/8" STEEL TUBE - SECURE TO WALL
375	CREATE DRAINAGE PATTERN USING P.T. WOOD SHIMS UNDER PLYWOOD DECK - SEE NOTES 373 AND 374	446	STAINLESS STEEL CORNER GUARD
376	.063 ANODIZED ALUMINUM BREAK METAL COPING	447	1 1/2" STONE STAIR TREAD W/ INLAID ABRASIVE STRIPS @ NOSING
377	PREFINISHED .063 ALUMINUM BREAK METAL COPING	448	RESILIENT TILE FLOORING
378	GRAVEL GUARD AND FASCIA	449	RUBBER STAIR TREAD AND RISER
379	EXPANSION JOINT WITH BELLOW FLASHING	450	SEALED CONCRETE FLOOR
380	3/4" EXTERIOR PLYWOOD BACKING	451	EXPOSED STRUCTURE
381	EXTEND SOLDERED COPPER FASCIA UNDER EDGE AND INTO DRIP - SECURE TO P.T. BLOCKING	452	SUSPENDED ACOUSTICAL CEILING SYSTEM
382	STUCCO DRIP SCREED	453	CEILING EDGE ANGLE
383	SECURE TRACK TO GRID EQUIPMENT	454	PATCH EXISTING CEILING WHERE ADJACENT WORK IS REMOVED
384	METAL SIDING	455	3/8" GWB FASCIA AND/OR SOFFIT ON METAL FRAMING
		456	1/2" GWB CEILING ON SUSPENSION SYSTEM
		457	EXTEND PARTITION UP TO BOTTOM OF DECK
		458	EXTEND PARTITION UP TO CEILING SURFACE - SECURE TRACK TO GRID
		459	SUPPORT POST FOR FUTURE HVAC EQUIPMENT
		460	2 LAYERS OF 3/8" GYPSUM WALL BOARD

461	5/8" GWB - IMPACT RESISTANT WHERE INDICATED ON ROOF HIGH SCHEDULE	500	2 TO 2 X 4 X 1/4 STEEL ANGLE
501	RETURN GWB AT JAMB - FINISH WITH "X" TRIM HELD BACK FROM ALUMINUM FRAME 1/2"	501	ELEVATOR SHUTT
502	FINISH EDGE WITH "X" TRIM ANGLE	502	ELEVATOR HOIST BEAM - SEE STRUCTURAL
503	CAULK	503	ELEVATOR JACK
504	FLOOR FINISH AS SCHEDULED	504	HOISTWAY DOOR ASSEMBLY
505	RESILIENT BASE AS SCHEDULED	505	ELEVATOR DOOR FLOOR TRACK SUPPORT ANGLE
506	CORNER BEAD	506	ELEVATOR PIT LADDER
507	ALUMINUM REVEAL MOLDING W/ 1/2" DEEP X 3/4" WIDE REVEAL - ALIGN WITH ADJACENT ALUMINUM TRIM	507	PLATFORM GATE
508	ONE LAYER 3/8" GYPSUM WALL BOARD	508	LANDING GATE
509	TEMPORARY PAINTED 1X4 WOOD CLOSURE SET IN SEALANT	509	WHEELCHAIR LIFT MAST
510	EQUIPMENT W/ 1/2" WOOD VALANCE - SECURE TO DRYWALL FRAMING W/ CONCEALED FASTENERS	510	RECESS SLAB FOR WHEELCHAIR LIFT
511	PAINTED 1/8 WOOD VALANCE - SECURE TO DRYWALL FRAMING W/ CONCEALED FASTENERS	511	SUPPLY DIFFUSER - SEE MECHANICAL
512	CONCRETE FILLED METAL PAN STAIR	512	DUCTWORK - SEE MECHANICAL
513	STEEL CHANNEL STRINGER	513	HVAC EQUIPMENT - SEE MECHANICAL
514	SHEET STEEL RISER	514	HOT WATER BASEBOARD UNITS - SEE MECHANICAL
515	4"X16" STEEL TUBE STRINGER	515	MECHANICAL
516	2" DIAMETER GUARDRAIL - WELD TO POSTS (PAINTED STEEL AT BASE BID, STAINLESS STEEL AT ALTERNATE BID)	516	TERMOSTAT OR OTHER SYSTEM CONTROL DEVICE - SEE MECHANICAL
517	3"X3/4" BAR POST (PAINTED STEEL AT BASE BID, STAINLESS STEEL AT ALTERNATE BID)	517	FUTURE HVAC EQUIPMENT - SEE MECHANICAL
518	WELD POST TO TUBE STEEL STRINGER	518	PIPING FOR FUTURE ROOFTOP HVAC EQUIPMENT - PROVIDE CURB AND FLASHING CAP FOR PENETRATION AS DETAILED
519	WELD POST TO 3"x3"x3/8" BASE PLATE - SECURE TO FLOOR SLAB WITH TWO 3/8" DIAMETER BOLTS OR EQUIVALENT POWDER ACTUATED FASTENERS	519	BOILER AND WATER HEATER FLUES - PROVIDE THIMBLE AT ROOF PENETRATION AS DETAILED
520	WELD POST TO 3"x3"x3/8" BASE PLATE - SECURE TO FLOOR SLAB WITH TWO 3/8" DIAMETER BOLTS OR EQUIVALENT POWDER ACTUATED FASTENERS	520	ANCHOR FLUES TO PARAPET - SEE HVAC DRAWINGS
521	WELD POST TO 3"x3"x3/8" BASE PLATE - SECURE TO FLOOR SLAB WITH TWO 3/8" DIAMETER BOLTS OR EQUIVALENT POWDER ACTUATED FASTENERS	521	SPRINKLER SYSTEM RISER AND EQUIPMENT - SEE FIRE PROTECTION DRAWINGS
522	WELD POST TO 3"x3"x3/8" BASE PLATE - SECURE TO FLOOR SLAB WITH TWO 3/8" DIAMETER BOLTS OR EQUIVALENT POWDER ACTUATED FASTENERS	522	SPRINKLER HEAD - CONCEALED U.N.O.
523	WELD POST TO 3"x3"x3/8" BASE PLATE - SECURE TO FLOOR SLAB WITH TWO 3/8" DIAMETER BOLTS OR EQUIVALENT POWDER ACTUATED FASTENERS	523	FLOOR DRAIN - SEE PLUMBING
524	WELD POST TO 3"x3"x3/8" BASE PLATE - SECURE TO FLOOR SLAB WITH TWO 3/8" DIAMETER BOLTS OR EQUIVALENT POWDER ACTUATED FASTENERS	524	ROOF DRAIN - SEE PLUMBING
525	WELD POST TO 3"x3"x3/8" BASE PLATE - SECURE TO FLOOR SLAB WITH TWO 3/8" DIAMETER BOLTS OR EQUIVALENT POWDER ACTUATED FASTENERS	525	EXISTING ELECTRICAL PANEL
526	WELD POST TO 3"x3"x3/8" BASE PLATE - SECURE TO FLOOR SLAB WITH TWO 3/8" DIAMETER BOLTS OR EQUIVALENT POWDER ACTUATED FASTENERS	526	NEW POWER OR LIGHTING PANEL - SEE ELECTRICAL
527	WELD POST TO 3"x3"x3/8" BASE PLATE - SECURE TO FLOOR SLAB WITH TWO 3/8" DIAMETER BOLTS OR EQUIVALENT POWDER ACTUATED FASTENERS	527	MECHANICAL
528	WELD POST TO 3"x3"x3/8" BASE PLATE - SECURE TO FLOOR SLAB WITH TWO 3/8" DIAMETER BOLTS OR EQUIVALENT POWDER ACTUATED FASTENERS	528	RECESSED FLUORESCENT LIGHT FIXTURE - SEE ELECTRICAL
529	WELD POST TO 3"x3"x3/8" BASE PLATE - SECURE TO FLOOR SLAB WITH TWO 3/8" DIAMETER BOLTS OR EQUIVALENT POWDER ACTUATED FASTENERS	529	OUTLET DEVICE OR SWITCH - SEE ELECTRICAL
530	WELD POST TO 3"x3"x3/8" BASE PLATE - SECURE TO FLOOR SLAB WITH TWO 3/8" DIAMETER BOLTS OR EQUIVALENT POWDER ACTUATED FASTENERS	530	RECESSED FLUORESCENT LIGHT FIXTURE - SEE ELECTRICAL
531	WELD POST TO 3"x3"x3/8" BASE PLATE - SECURE TO FLOOR SLAB WITH TWO 3/8" DIAMETER BOLTS OR EQUIVALENT POWDER ACTUATED FASTENERS	531	WALL BOARD WITH APPROXIMATE MANUFACTURED EDGE POSTS
532	WELD POST TO 3"x3"x3/8" BASE PLATE - SECURE TO FLOOR SLAB WITH TWO 3/8" DIAMETER BOLTS OR EQUIVALENT POWDER ACTUATED FASTENERS	532	2"X12" BAR - WELD TO POSTS OR BARS AT EACH END PAINTED STEEL AT BASE BID, STAINLESS STEEL AT ALTERNATE BID
533	WELD POST TO 3"x3"x3/8" BASE PLATE - SECURE TO FLOOR SLAB WITH TWO 3/8" DIAMETER BOLTS OR EQUIVALENT POWDER ACTUATED FASTENERS	533	11 GA PERFORATED PLATE - 1/2" SQUARE OPENINGS AT 1/2" O.C. IN RECTILINEAR PATTERN WELD TO SURROUNDING BAR FRAME (PAINTED STEEL AT BASE BID, STAINLESS STEEL AT ALTERNATE BID)
534	WELD POST TO 3"x3"x3/8" BASE PLATE - SECURE TO FLOOR SLAB WITH TWO 3/8" DIAMETER BOLTS OR EQUIVALENT POWDER ACTUATED FASTENERS	534	11 GA PERFORATED PLATE - 1/2" SQUARE OPENINGS AT 1/2" O.C. IN RECTILINEAR PATTERN WELD TO SURROUNDING BAR FRAME (PAINTED STEEL AT BASE BID, STAINLESS STEEL AT ALTERNATE BID)
535	WELD POST TO 3"x3"x3/8" BASE PLATE - SECURE TO FLOOR SLAB WITH TWO 3/8" DIAMETER BOLTS OR EQUIVALENT POWDER ACTUATED FASTENERS	535	1 1/2" DIAMETER HANDRAIL - WELD TO BRACKETS (PAINTED STEEL AT BASE BID, STAINLESS STEEL AT ALTERNATE BID)
536	WELD POST TO 3"x3"x3/8" BASE PLATE - SECURE TO FLOOR SLAB WITH TWO 3/8" DIAMETER BOLTS OR EQUIVALENT POWDER ACTUATED FASTENERS	536	1 1/2" DIAMETER HANDRAIL - WELD TO BRACKETS (PAINTED STEEL AT BASE BID, STAINLESS STEEL AT ALTERNATE BID)
537	WELD POST TO 3"x3"x3/8" BASE PLATE - SECURE TO FLOOR SLAB WITH TWO 3/8" DIAMETER BOLTS OR EQUIVALENT POWDER ACTUATED FASTENERS	537	DIAMETER STOCK - WELD TO HANDRAIL AND TO POST OR WALL PLATE (PAINTED STEEL AT BASE BID, STAINLESS STEEL AT ALTERNATE BID)
538	WELD POST TO 3"x3"x3/8" BASE PLATE - SECURE TO FLOOR SLAB WITH TWO 3/8" DIAMETER BOLTS OR EQUIVALENT POWDER ACTUATED FASTENERS	538	2 1/2" DIAMETER HANDRAIL BRACKET WALL PLATE - SECURE TO BLOCKING W/ 3 #10 SELF DRILLING / SELF TAPPING PLAT HEAD SCREWS
539	WELD POST TO 3"x3"x3/8" BASE PLATE - SECURE TO FLOOR SLAB WITH TWO 3/8" DIAMETER BOLTS OR EQUIVALENT POWDER ACTUATED FASTENERS	539	PAINTED STEEL AT BASE BID, STAINLESS STEEL AT ALTERNATE BID
540	WELD POST TO 3"x3"x3/8" BASE PLATE - SECURE TO FLOOR SLAB WITH TWO 3/8" DIAMETER BOLTS OR EQUIVALENT POWDER ACTUATED FASTENERS	540	DRYWALL EXPANSION JOINT FOR 1" OPENING
541	WELD POST TO 3"x3"x3/8" BASE PLATE - SECURE TO FLOOR SLAB WITH TWO 3/8" DIAMETER BOLTS OR EQUIVALENT POWDER ACTUATED FASTENERS	541	DRYWALL EXPANSION JOINT FOR 1" OPENING
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CODE SUMMARY - PHASE 1

APPLICABLE CODES
BUILDING CODE
INTERNATIONAL ENERGY
CONSERVATION CODE
FIRE CODE
INTERNATIONAL MECHANICAL CODE
INTERNATIONAL PLUMBING CODE
NATIONAL ELECTRIC CODE
ASHRAE

IBC 2003
IECC 2003
NFPA 1 2003
IMC 2003
IPC 2003
NEC 1999
LATEST

BUILDING USE, CONSTRUCTION CLASSIFICATION AND HEIGHT
USE GROUP (MIXED)
PROPOSED TYPE OF CONSTRUCTION
BUILDING ALLOWABLE HEIGHT
ADDITIONAL CREDIT FOR SPRINKLERS
ACTUAL BUILDING HEIGHT
NO. OF STORIES

OCCUPANCY LOADS
USE
B (GROUND, FIRST, AND SECOND)
B (THIRD)

EGRESS WIDTH REQUIRED
STAIRS (60" AVAILABLE)
DOORS (72" AVAILABLE)
CORRIDORS (60" MIN AVAILABLE)

IBC 2003
IECC 2003
NFPA 1 2003
IMC 2003
IPC 2003
NEC 1999
LATEST

IBC 2003
IECC 2003
NFPA 1 2003
IMC 2003
IPC 2003
NEC 1999
LATEST

IBC 2003
IECC 2003
NFPA 1 2003
IMC 2003
IPC 2003
NEC 1999
LATEST

IBC 2003
IECC 2003
NFPA 1 2003
IMC 2003
IPC 2003
NEC 1999
LATEST

BUILDING AREAS
BUILDING ACTUAL GROSS AREAS:
GROUND FLOOR
FIRST FLOOR
SECOND FLOOR
THIRD FLOOR
TOTAL

BUILDING ACTUAL GROSS AREAS:
GROUND FLOOR
FIRST FLOOR
SECOND FLOOR
THIRD FLOOR
TOTAL

BUILDING ACTUAL GROSS AREAS:
GROUND FLOOR
FIRST FLOOR
SECOND FLOOR
THIRD FLOOR
TOTAL

BUILDING ACTUAL GROSS AREAS:
GROUND FLOOR
FIRST FLOOR
SECOND FLOOR
THIRD FLOOR
TOTAL

MAXIMUM ALLOWABLE AREAS (PER FLOOR TWO SEPARATIONS) - PER IBC
23,000 X (1+0.75) 40,250 > 26,504 OK
FOR FOUR-STORY, MULTIPLY X 3 120,750 > 98,827 OK

MAXIMUM ALLOWABLE AREAS (PER FLOOR TWO SEPARATIONS) - PER IBC
23,000 X (1+0.75) 40,250 > 26,504 OK
FOR FOUR-STORY, MULTIPLY X 3 120,750 > 98,827 OK

MAXIMUM ALLOWABLE AREAS (PER FLOOR TWO SEPARATIONS) - PER IBC
23,000 X (1+0.75) 40,250 > 26,504 OK
FOR FOUR-STORY, MULTIPLY X 3 120,750 > 98,827 OK

FIRE PROTECTION SYSTEM REQUIREMENTS (SEE NOTES C AND D)
AUTOMATIC SPRINKLERS
FIRE EXTINGUISHERS
PORTABLE FXS
STANDPIPE SYSTEM
FIRE ALARM SYSTEM
SMOKE CONTROL SYSTEM

FIRE PROTECTION SYSTEM REQUIREMENTS (SEE NOTES C AND D)
AUTOMATIC SPRINKLERS
FIRE EXTINGUISHERS
PORTABLE FXS
STANDPIPE SYSTEM
FIRE ALARM SYSTEM
SMOKE CONTROL SYSTEM

FIRE PROTECTION SYSTEM REQUIREMENTS (SEE NOTES C AND D)
AUTOMATIC SPRINKLERS
FIRE EXTINGUISHERS
PORTABLE FXS
STANDPIPE SYSTEM
FIRE ALARM SYSTEM
SMOKE CONTROL SYSTEM

IBC REF. 903
REQ? NO
904 NO
906 YES**
908 YES
907 YES
909 NO

IBC REF. 903
REQ? NO
904 NO
906 YES**
908 YES
907 YES
909 NO

IBC REF. 903
REQ? NO
904 NO
906 YES**
908 YES
907 YES
909 NO

NFPA REF. 38/39.3.5
906 3.1**
907 2.2

NFPA REF. 38/39.3.5
906 3.1**
907 2.2

NFPA REF. 38/39.3.5
906 3.1**
907 2.2

CODE PLAN NOTES
A. EXISTING STAIR TO REMAIN EXCEPT AS NOTED. THESE STAIRWAYS ARE CURRENTLY NON-CONJOINING AND ARE SCHEDULED FOR UPGRADES DURING THE NEXT PHASE OF THE PROJECT.
B. TEMPORARY BARRIER GATE TO PREVENT INADVERTENT TRAVEL INTO THE GROUND FLOOR DURING EMERGENCY EGRESS.
C. ADDITION WILL BE SPRINKLERED. SPRINKLER SYSTEM WILL BE EXTENDED INTO EACH RENOVATED AREA DURING FUTURE PHASES, WHICH WILL PROVIDE RENOVATION OF THE ENTIRE BUILDING WHEN COMPLETED.
D. STANDPIPE SYSTEM WILL BE INCLUDED IN FUTURE PHASE.

LEGEND
EXISTING AREAS NOT ALTERED IN THIS PROJECT.
EGRESS AND CONSTRUCTION ARE UNCHANGED.
EGRESS PATH WITH TRAVEL DISTANCE

LEGEND
EXISTING AREAS NOT ALTERED IN THIS PROJECT.
EGRESS AND CONSTRUCTION ARE UNCHANGED.
EGRESS PATH WITH TRAVEL DISTANCE

LEGEND
EXISTING AREAS NOT ALTERED IN THIS PROJECT.
EGRESS AND CONSTRUCTION ARE UNCHANGED.
EGRESS PATH WITH TRAVEL DISTANCE

Murphy & Dittenhafer
ARCHITECTS
228 West Market Street, Baltimore, Maryland 21201
410-528-4623 Voice 410-528-4624 Fax
900 North Charles Street, Baltimore, Maryland 21201
410-528-4623 Voice 410-528-4624 Fax

CONSULTANT

ARCHITECTURAL REGISTRATION
6607-A
JAMES MURPHY
JAMES MURPHY
STATE OF MARYLAND

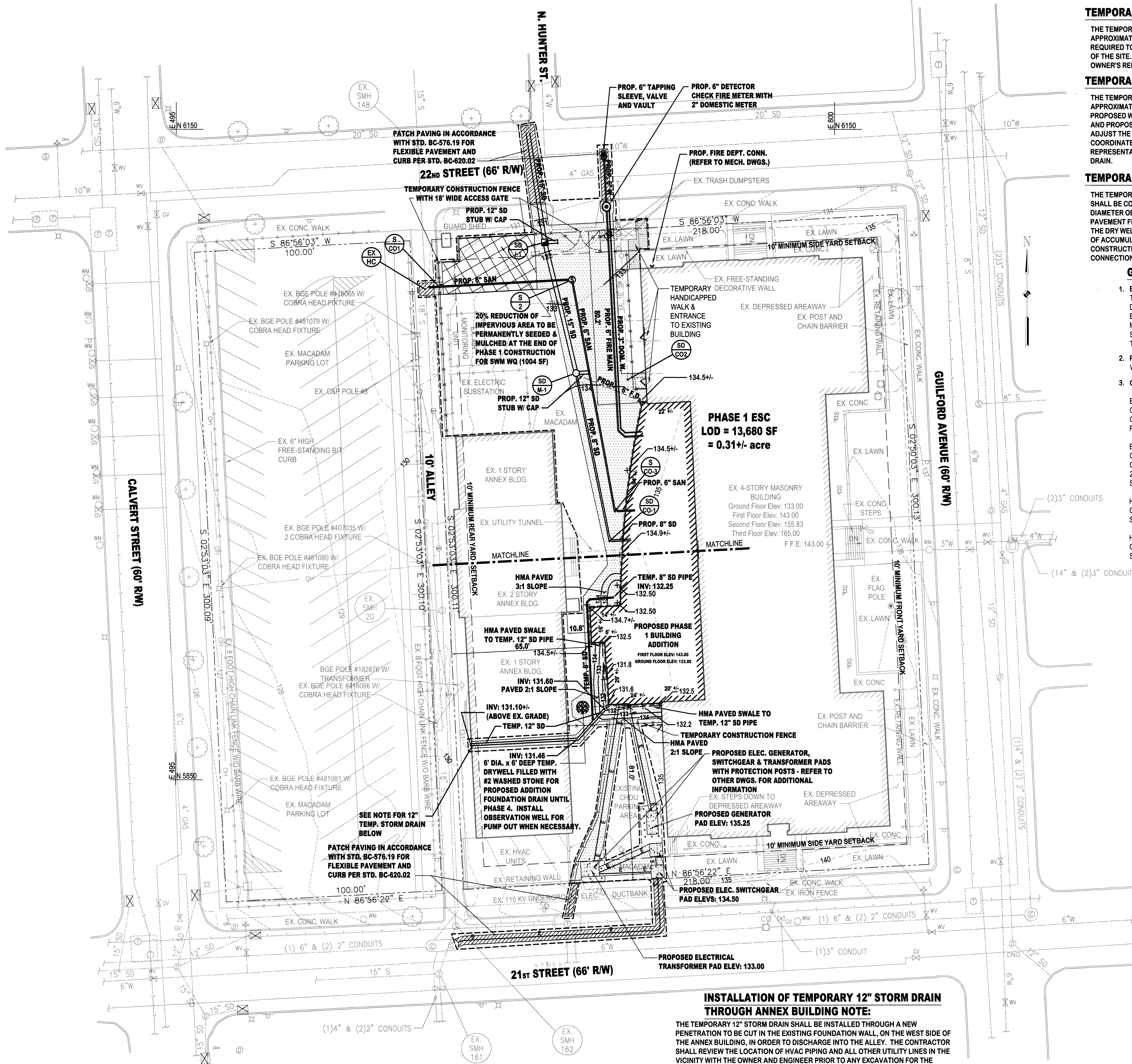
PHASE ONE: ADDITION TO STATE OFFICE BUILDING NO.3
2100 GUILFORD AVENUE, BALTIMORE, MD 21218
MARYLAND DEPARTMENT OF GENERAL SERVICES

CAD DWG FILE: 03183
DRAWN BY: SWP
CHECKED BY: JPS
PROJECT NO: BB-621-003-001
DATE: 3/03/06

CODE SUMMARY
CS3
SHEET 3 OF 91



										DESCRIPTION
										DATE
										MARK
AD DWG FILE:										03183
DRAWN BY:										DWM
CHECKED BY:										SAM
PROJECT NO:										BB-621-003-001
DATE:										03/03/06
<p align="center">PHASE 1</p> <p align="center">EXISTING SITE PLAN</p> <p align="center">C-1</p>										
<p>SHEET 4 OF 9</p>										



INSTALLATION OF TEMPORARY 12" STORM DRAIN THROUGH ANNEX BUILDING NOTE:
THE TEMPORARY 12" STORM DRAIN SHALL BE INSTALLED THROUGH A NEW PENETRATION TO BE CUT IN THE EXISTING FOUNDATION WALL, ON THE WEST SIDE OF THE ANNEX BUILDING, IN ORDER TO DISCHARGE INTO THE ALLEY. THE CONTRACTOR SHALL REVIEW THE LOCATION OF HVAC PIPING AND ALL OTHER UTILITY LINES IN THE VICINITY WITH THE OWNER AND ENGINEER PRIOR TO ANY EXCAVATION FOR THE TEMPORARY STORM DRAIN, AND SHALL TEST PIT CROSSINGS IN ORDER TO CONFIRM THERE IS ADEQUATE CLEARANCES FOR THE DRAIN. NOTIFY ENGINEER FOR FURTHER DIRECTION IF CONFLICTS ARE ENCOUNTERED, AND PRIOR TO INSTALLATION OF PIPE THROUGH THE ANNEX. THE FLOOR SHALL BE SAW CUT TO ALLOW INSTALLATION OF THE TEMPORARY DRAIN THROUGH THE INTERIOR OF THE ANNEX, AND THE TRENCH BACKFILLED TO THE ORIGINAL ELEVATION. THE WALL AND FLOOR SHALL BE TEMPORARILY REPAIRED TO MATCH ORIGINAL CONDITIONS, AND IN A MANNER SATISFACTORY TO THE OWNER.

PHASE 1 PLOT AND PROPOSED SITE PLAN

SCALE: 1"=20'



TEMPORARY CONSTRUCTION FENCE NOTE:

THE TEMPORARY CONSTRUCTION FENCE SHOWN ON THIS PLAN IS APPROXIMATE. CONTRACTOR SHALL ADJUST THE LOCATION AS REQUIRED TO COMPLETE THE WORK AND TO MAINTAIN THE OWNER'S USE OF THE SITE. COORDINATE PROPOSED ADJUSTMENTS WITH THE OWNER'S REPRESENTATIVE AT LEAST 1 DAY IN ADVANCE

TEMPORARY STORM DRAIN NOTE:

THE TEMPORARY STORM DRAIN LAYOUT SHOWN ON THIS PLAN IS IN THE APPROXIMATE LOCATION NECESSARY TO DRAIN LOW POINTS OF THE PROPOSED WORK. IF REQUIRED TO AVOID INTERFERENCE WITH EXISTING AND PROPOSED FEATURES DURING THIS PHASE, THE CONTRACTOR SHALL ADJUST THE LOCATION AS REQUIRED TO COMPLETE THE WORK. COORDINATE PROPOSED ADJUSTMENTS WITH THE ENGINEER AND OWNER'S REPRESENTATIVE IN ADVANCE OF INSTALLING THE TEMPORARY STORM DRAIN.

TEMPORARY FOUNDATION DRAIN DRY PIT WELL NOTE:

THE TEMPORARY DRY WELL FOR THE PHASE 1 BUILDING ADDITION'S FOUNDATION DRAIN SHALL BE CONSTRUCTED IN THE APPROXIMATE LOCATION SHOWN ON THE DRAWING. A 6" DIAMETER OBSERVATION PIPE WITH HANDHOLE FRAME AND GRATE SHALL BE INSTALLED AT PAVEMENT FINISH GRADE OVER THE PIPE, AND SHALL BE USED TO REMOVE WATER FROM THE DRY WELL PIT WHEN REQUIRED. CONTRACTOR SHALL PERIODICALLY CHECK THE LEVEL OF ACCUMULATED WATER IN THE PIT AND PUMP OUT AS NECESSARY THROUGHOUT THE CONSTRUCTION PERIOD. THE TEMPORARY PIT WILL BE REMOVED AND A PERMANENT CONNECTION MADE TO THE STORM DRAIN SYSTEM IN A FUTURE PHASE OF CONSTRUCTION.

GENERAL UTILITY AND PROJECT LOCATION NOTES

1. EXISTING UTILITY INFORMATION:

THE LOCATION OF EXISTING UNDERGROUND UTILITIES SHOWN ON THE DRAWINGS WERE TAKEN FROM INFORMATION PROVIDED BY THE CITY OF BALTIMORE AND LOCAL UTILITY COMPANIES. THE ACTUAL FIELD LOCATION MAY VARY FROM THAT SHOWN. THE LOCATION OF VISIBLE UTILITY STRUCTURES AND FEATURES WERE OBTAINED BY A FIELD RUN TOPOGRAPHIC SURVEY PERFORMED BY MCKEE ASSOCIATES, INC.

2. PROJECT LOCATION:

WARD 12, SECTION 13, BLOCK 3812, LOTS 1 TO 18

3. CITY BENCHMARK AND HORIZONTAL CONTROL INFORMATION:

BENCHMARK #6483
CUT IN SOUTH END OF 4TH GRANITE STEP XXX TO ST. MARKS LUTHERN CHURCH ON SOUTH WEST CORNER OF ST. PAUL ST. AND 20TH ST. - 1.10' FROM FACE OF STEP - 0.75' FROM SOUTH END. ELEV: 108.386

BENCHMARK #6484
CUT IN SOUTH END OF BOTTOM GRANITE STEP ENTRANCE TO COMMISSIONER OF MOTOR VEHICLES ON GUILFORD AVENUE BETWEEN 21ST STREET AND 22ND STREET, 0.5' FROM SOUTH END, .03' FROM FACE OF STEP. ELEV: 139.001

HORIZONTAL CONTROL #27251
GALVANIZED PLUG IN CONCRETE WALK ON N.E. CORNER OF CALVERT STREET AND 21ST STREET. N 5786.348 E 513.232

HORIZONTAL CONTROL #27252
GALVANIZED PLUG IN CONCRETE WALK ON N.E. CORNER OF CALVERT STREET AND 22ND STREET. N 6150.893 E 494.476

EXISTING FEATURES LEGEND

- EXISTING BUILDING
- EXISTING CLEANOUT
- EXISTING COMBINATION INLET
- EXISTING CURB INLET
- EXISTING MAJOR CONTOURS
- EXISTING MINOR CONTOURS
- EXISTING ELECTRIC
- EXISTING ELECTRIC MANHOLE
- EXISTING FENCELINE
- EXISTING FLAG POLE
- EXISTING FIRE HYDRANT
- EXISTING GAS
- EXISTING GAS VALVE
- EXISTING PROPERTY LINE
- EXISTING PAVING
- EXISTING SANITARY
- EXISTING SANITARY MANHOLE
- EXISTING STREET LIGHT
- EXISTING STORM DRAIN
- EXISTING STORM DRAIN MANHOLE
- EXISTING TELEPHONE
- EXISTING UNDERGROUND TELEPHONE POLE
- EXISTING TELEPHONE VAULT
- EXISTING WATERLINE
- EXISTING WATER METER
- EXISTING WATER VALVE
- EXISTING CITY CONDUIT SYSTEM VAULT OR HANDBOX

PROPOSED PHASE 1 FEATURES LEGEND

- PROPOSED PHASE 1 BUILDING ADDITION
- PROPOSED PHASE 1 BUILDING FOUNDATION DRAIN
- PROPOSED PHASE 1 SANITARY SEWER
- PROPOSED PHASE 1 STORM DRAIN
- PROPOSED PHASE 1 WATER LINE
- PROPOSED PHASE 1 ELECTRIC CONDUIT / DUCTBANK
- PROPOSED PHASE 1 TELEPHONE / COMMUNICATIONS CONDUIT / DUCTBANK
- PHASE 1 APPROXIMATE LIMIT OF WORK
- PHASE 1 LIMIT OF DISTURBANCE
- PHASE 1 TEMPORARY CONSTRUCTION FENCE
- PROPOSED PHASE 1 TEMPORARY CONTOUR
- PROPOSED PHASE 1 TEMPORARY SPOT ELEVATION
- PROPOSED PHASE 1 TEMPORARY SWM IMPERVIOUS REDUCTION AREA (PROPOSED LAWN)
- PROPOSED PHASE 1 TEMPORARY HOT MIX ASPHALT DRIVEWAY PAVING
- PROPOSED PHASE 1 TEMPORARY HOT MIX ASPHALT WALKWAY PAVING
- PROPOSED HOT MIX ASPHALT ROADWAY PATCH



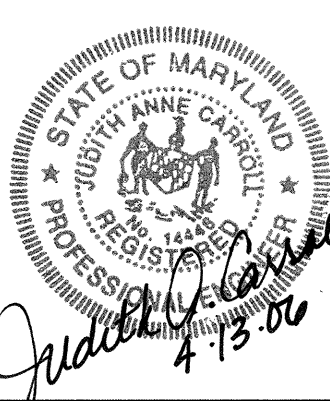
VICINITY MAP
SCALE: 1"=1000'

Murphy & Dittenhafer
ARCHITECTS
800 North Charles Street, Baltimore, Maryland 21201
410-525-4823 Voice 410-525-4874 Fax

CONSULTANT



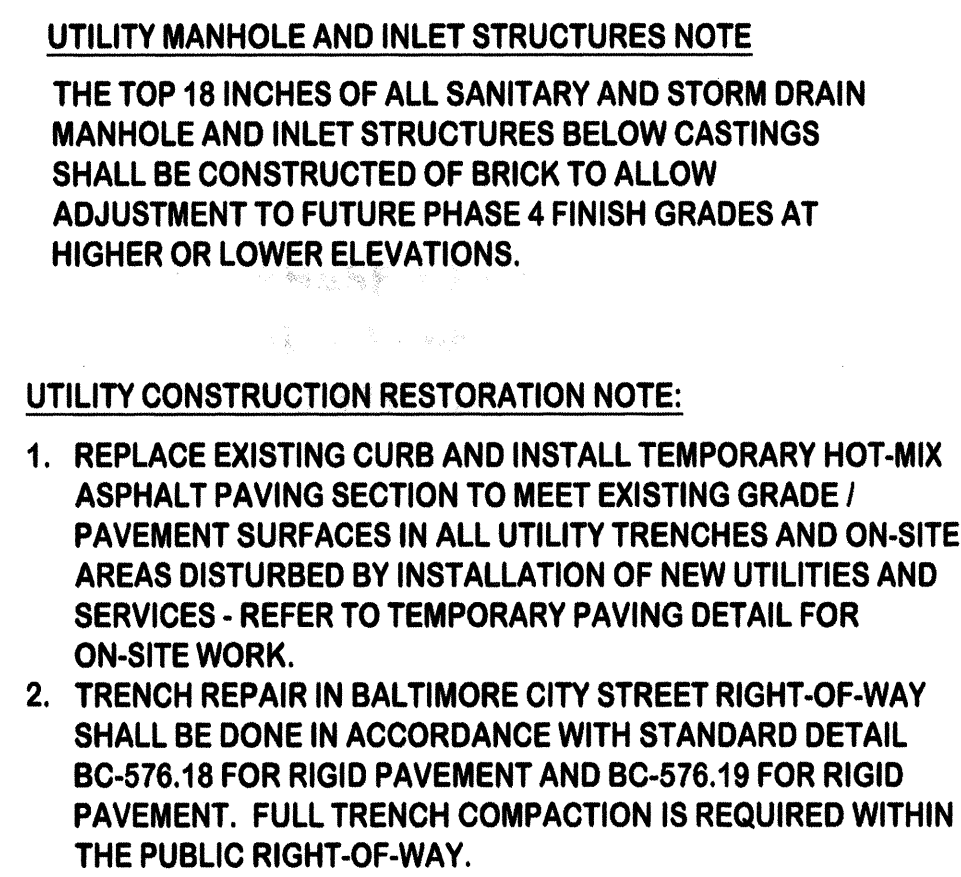
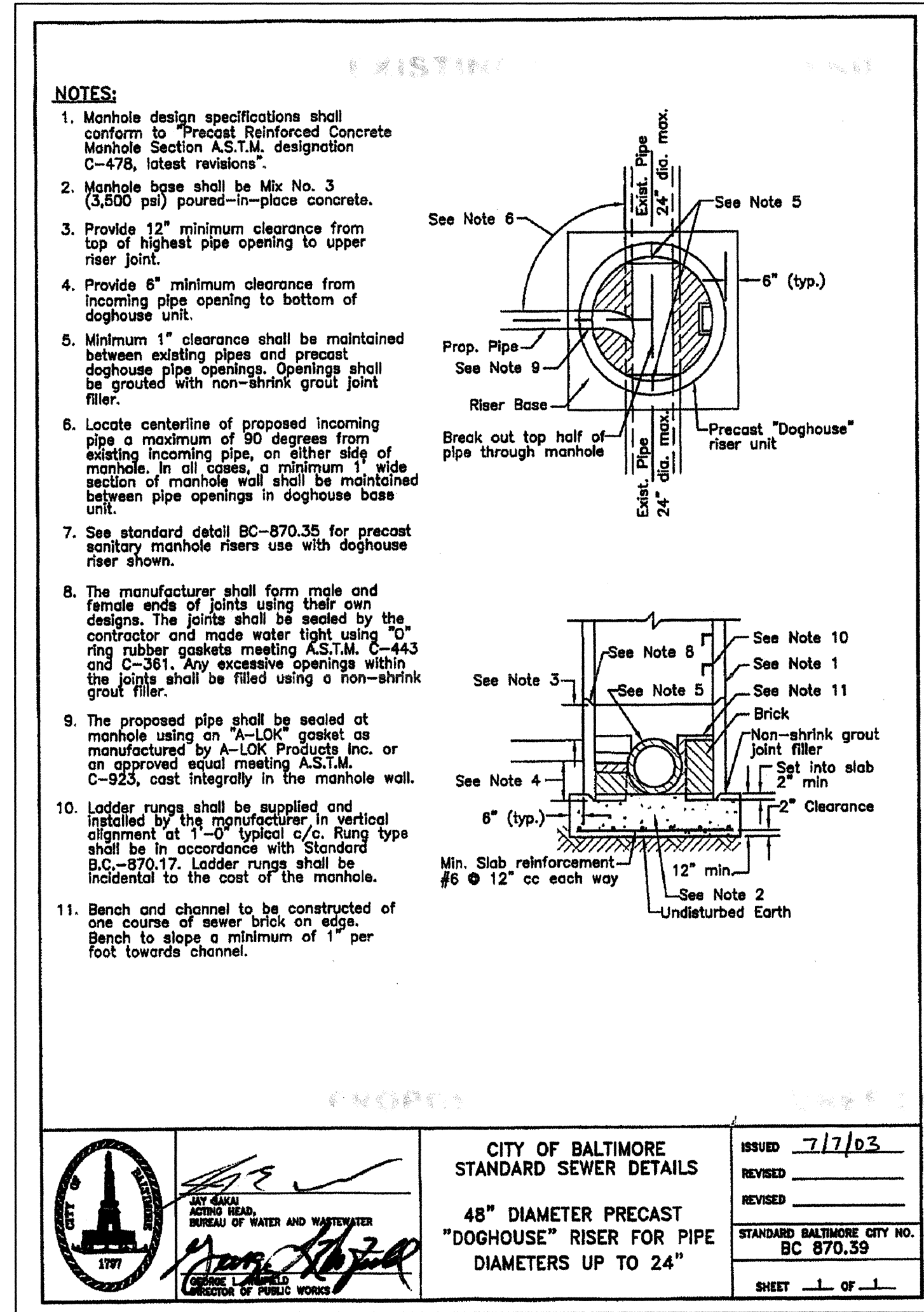
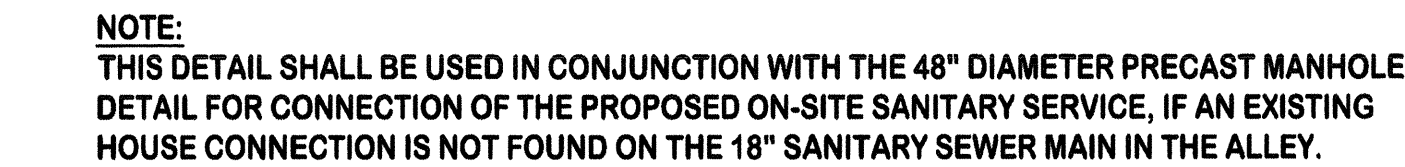
PHASE ONE: ADDITION TO STATE OFFICE BUILDING NO.3
2100 GUILFORD AVENUE, BALTIMORE, MD 21244
MARYLAND DEPARTMENT OF GENERAL SERVICES



DATE	DESCRIPTION
12-05-05	

CAD DWG FILE:	03183
DRAWN BY:	DWM
CHECKED BY:	SAM
PROJECT NO:	BB-621-003-001
DATE:	03/03/06
PHASE 1 PLOT & SITE PLAN	
C-2	
SHEET	5 OF 91

SHEET 6 OF 91



48" DIAMETER "DOGHOUSE" RISER FOR SANITARY SEWER MANHOLE
NOT TO SCALE

Murphy & Dittenhafer
A R C H I T E C T S

100 North Charles Street, Baltimore, Maryland 21201
410-825-4823 Voice 410-625-4671 Fax

228 West Market Street, York, Pennsylvania 17401
717-345-8827 Voice 717-345-2468 Fax

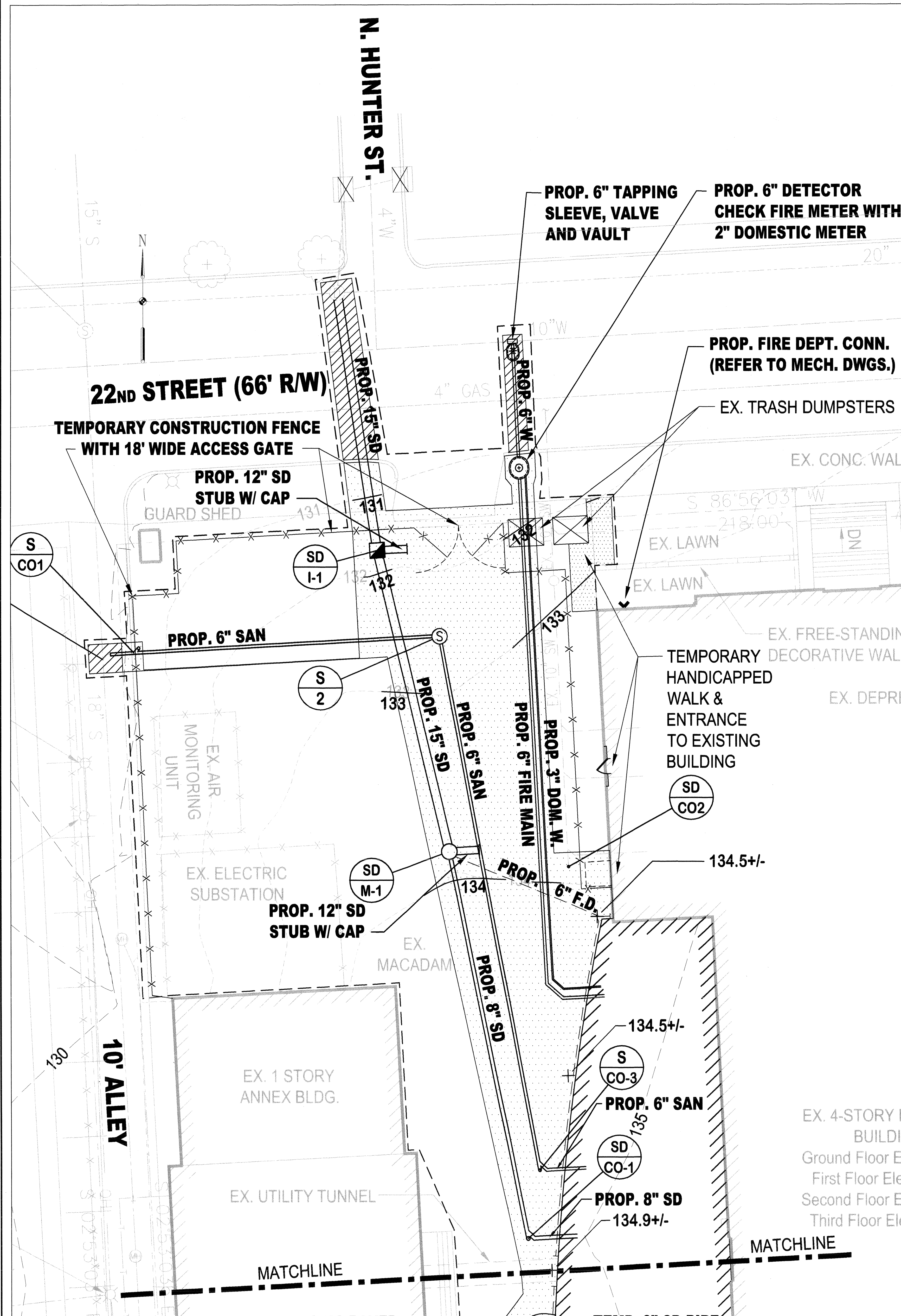
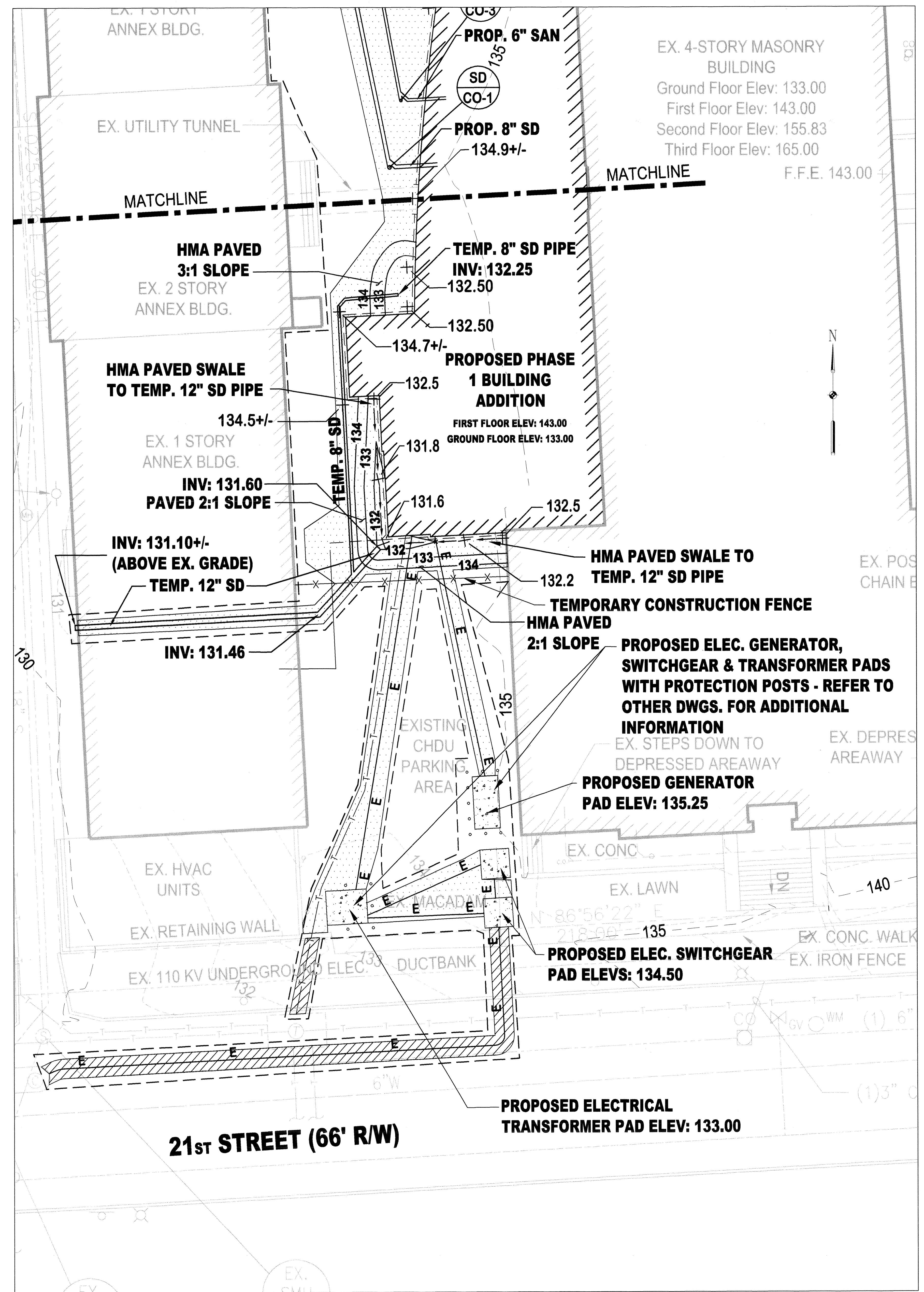
CONSULTANT



CARROLL ENGINEERING, INC.
EXECUTIVE PLAZA IV, SUITE LL1
11350 MCCORMICK ROAD
HUNT VALLEY, MD 21031
10-785-7423 PHONE 410-771-1313 FAX

PHASE ONE: ADDITION TO STATE OFFICE BUILDING NO.3
2100 GUILFORD AVENUE, BALTIMORE, MD 21244
MARYLAND DEPARTMENT OF GENERAL SERVICES

[illegible]



Murphy & Dittenhafer

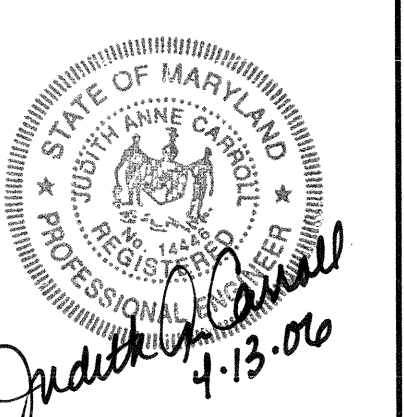
A R C H I T E C T S

800 North Charles Street, Baltimore, Maryland 21201
410-625-4623 Voice 410-625-4671 Fax

228 West Market Street, York, Pennsylvania 17401
717-545-8627 Voice 717-545-2449 Fax



PHASE ONE: ADDITION TO STATE OFFICE BUILDING NO.3
2100 GUILFORD AVENUE, BALTIMORE, MD 21244
MARYLAND DEPARTMENT OF GENERAL SERVICES

[illegible]

1. THE CONTRACTOR WILL MAINTAIN, REPAIR, AND/OR REPLACE ANY EXISTING SEDIMENT CONTROL DEVICES ENCOUNTERED AND DISTURBED DURING THE COURSE OF CONSTRUCTION UNDER THIS CONTRACT AND AS SHOWN ON THE APPROVED SEDIMENT CONTROL PLAN INCLUDED AS PART OF THE CONTRACT DOCUMENTS. ALL SUCH WORK TO REPAIR OR REPLACE SEDIMENT CONTROL DEVICES SHALL BE COMPLETED BEFORE LEAVING THE WORK SITE AT THE END OF EACH WORKING DAY. THE COST OF PERFORMING ALL SUCH WORK INCLUDING MATERIALS, WILL BE PAID FOR BY LUMP SUM BID FOR MAINTENANCE AND REPAIR OF SEDIMENT CONTROL DEVICES.
2. ALL CONSTRUCTION WILL BE ACCOMPLISHED IN ACCORDANCE WITH BALTIMORE CITY DPW STANDARD SPECIFICATIONS AND DETAILS FOR CONSTRUCTION, DATED 1979, AS AMENDED TO DATE.
3. UNLESS OTHERWISE NOTED, THE BID LINE FOR EXCAVATION WILL BE SUBGRADE UNDER PROPOSED ROAD, ESTABLISHED GRADE OR FURN TURF AREAS AND EXISTING GRADE ALONG EXISTING PAVING.
4. MAIN SHALL HAVE 4" COVER BASED ON ESTABLISHED GRADE UNLESS OTHERWISE NOTED.
5. THE CONTRACTOR WILL DETERMINE THE LOCATION AND DEPTH OF THE EXISTING MAIN BEFORE LAYING ANY PIPE.
6. THE CONTRACTOR MUST NOTIFY MISS UTILITY AT 1-800-257-7777 AT LEAST 48 HOURS PRIOR TO STARTING EXCAVATION.
7. FULL TRENCH COMPACTION IS REQUIRED THROUGHOUT THE EXISTING ROAD RIGHT OF WAY.
8. ONLY BALTIMORE CITY PERSONNEL WILL OPERATE EXISTING VALVES OR NEW VALVES AFTER THEY ARE PLACED IN SERVICE. THE CONTRACTOR WILL NOTIFY THE BALTIMORE CITY INSPECTOR TO ARRANGE A SHUTDOWN WITH THE CITY AT LEAST FOUR DAYS PRIOR TO THE PROPOSED SHUTDOWN.
9. THE CONTRACTOR FOR MAIN INSTALLATION WILL NOTIFY BALTIMORE CITY, BUREAU OF WATER AND WASTEWATER AT 410-396-1663, 72 HOURS BEFORE STARTING WORK.
10. THE CONTRACTOR WILL DISCHARGE THE CHLORINATED FLUSH WATER INTO A SANITARY SEWER. THE MAXIMUM DISCHARGE RATE WILL BE 80 G.P.M. (COST TO BE INCLUDED IN PRICE OF ITEMS BID).
11. THE CONTRACTOR FOR THE MAIN EXTENSION WILL NOTIFY BALTIMORE CITY, BUREAU OF WATER AND WASTEWATER, AT 410-396-7807, 72 HOURS BEFORE STARTING WORK.
12. WATER SERVICE METERS WILL NOT BE PERMITTED TO BE INSTALLED IN EITHER ROADWAYS OR DRIVEWAYS.
13. THE CONTRACTOR SHALL MAINTAIN TRAFFIC AT ALL TIMES.
14. RESTRAINED JOINTS WILL BE RETAINER GLANDS OR MEGALUGS OR APPROVED EQUAL.
15. THE COMPLETED METER INSTALLATION WILL BE INSPECTED BY BALTIMORE CITY, BUREAU OF WATER AND WASTEWATER, PRIOR TO TOP SLAB PLACEMENT. CALL 410-396-7755, 48 HOURS PRIOR TO TOP SLAB PLACEMENT.
16. THE METER VAULT WILL CONFORM WITH BALTIMORE CITY STD. DETAIL BC 840.92-B.
17. THE METER WILL BE SUPPLIED BY THE BALTIMORE CITY DEPARTMENT OF PUBLIC WORKS. CALL 410-396-0170 FOR METER PICK-UP. DELIVERY AND INSTALLATION ARE THE RESPONSIBILITY OF THE CONTRACTOR. THE COST OF THE METER WILL BE PAID BY THE OWNER.
18. THE SERVICE LEAD WILL BE FLUSHED PRIOR TO METER INSTALLATION.
19. FOR SERVICE ABANDONMENTS, PLUG SMALL SERVICES 2" OR LESS AT THE CORPORATION ON THE MAIN. LARGE SERVICES SHALL BE PLUGGED IN ACCORDANCE WITH BC 890.31, 32 AT THE TEE, ON THE MAIN OR THE FITTING MUST BE CUT OUT. METERS SHALL BE RETURNED TO THE METER SHOP AT 200 N. CALVERT ROAD.
20. THE CONTRACTOR SHALL NOTIFY THE METER SHOP AT 410-396-0170 AT LEAST ONE (1) WEEK PRIOR TO PICK UP OF THE METER(S).
21. METERS DESIGNATED TO SPECIFIC LOCATION OR ADDRESS SHALL NOT BE RELOCATED WITHOUT PERMISSION FROM THE BUREAU OF WATER AND WASTE WATER.
22. IN CASE OF DISCREPANCY BETWEEN SCALED AND FIGURED DIMENSIONS, FIGURED DIMENSIONS SHALL GOVERN.
23. FAILURE TO MENTION SPECIFICALLY THE PROVISIONS OF ANY ITEM(S), OR PERFORMANCE OF ANY WORK OR PROCEDURE WHICH WOULD NORMALLY BE REQUIRED TO COMPLETE THE PROJECT, SHALL NOT RELIEVE THE CONTRACTOR OF HIS RESPONSIBILITY TO PROVIDE SUCH ITEM(S) OR TO PERFORM SUCH WORK OR PROCEDURE.
24. THE BILL OF MATERIALS SHOWN HEREON IS FOR ESTIMATION ONLY. THE ENGINEER AND THE CITY DO NOT GUARANTEE CORRECTNESS OR COMPLETENESS OF THE BILL OF MATERIALS. THE CONTRACTOR IS TO VERIFY ALL QUANTITIES TO HIS SATISFACTION.
25. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND STRUCTURES. SAND BACKFILL SHALL BE PLACED AS DIRECTED BY THE ENGINEER IN THE FIELD.
26. THE CONTRACTOR WILL EXTEND ALL HOUSE CONNECTIONS 2' INSIDE OF THE PROPERTY LINE OR 2' FEET BEYOND METER VAULT.
27. THE SERVICE LEAD WILL BE STRAIGHT AND LEVEL FOR A HORIZONTAL DISTANCE OF EIGHT TIMES THE PIPE DIAMETER ON THE INLET SIDE OF THE METER WITH A COVER OF 5.8" MINIMUM AND 6.3" MAXIMUM.

1. THE CONTRACTOR SHALL CONTACT MR. TUM DUFFY OF THE DEPARTMENT OF TRANSPORTATION, AT (410)396-6872 TWO (2) WEEKS BEFORE CONSTRUCTION BEGINS AND ONE (1) WEEK PRIOR TO ANY CHANGE TO THE MAINTENANCE OF TRAFFIC.
2. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO SUPPLY, INSTALL AND MAINTAIN ALL TEMPORARY TRAFFIC CONTROL EQUIPMENT FOR THE DURATION OF THE CONTRACT.
3. ALL LANE CLOSURES MUST ADHERE TO THE CURRENT EDITIONS OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (M.U.T.C.D.).
4. FOR WORK WITHIN THE PUBLIC RIGHT-OF-WAY, THE CONTRACTOR MUST OBTAIN PERMITS FROM THE DEPARTMENT OF PUBLIC WORKS PERMITS DIVISION, ABEL WOLMAN MUNICIPAL BUILDING, 1ST. FLOOR, 200 NORTH HOLIDAY STREET, BALTIMORE, MARYLAND, PHONE (410)396-6865.
5. THE CONTRACTOR SHALL PROVIDE APPROPRIATE PEDESTRIAN DETOUR AROUND THE WORK AREA.
6. THE CONTRACTOR IS REQUIRED TO PROTECT AND MAINTAIN EXISTING UTILITIES.
7. ALL EXCAVATION SHALL BE PLATED (STD. DETAIL B.C. 76.17) AT THE END OF EACH WORK DAY AND "STEEL PLATES AHEAD" WARNING SIGNS, DISPLAYED IN ADVANCE.
8. THE CONTRACTOR SHALL MAINTAIN ONE (1) ELEVEN-FOOT (11') LANE OF TRAFFIC IN EACH DIRECTION OF TRAVEL OR PROVIDE A TWO-MAN FLAGGING OPERATION AS REQUIRED BY THE CITY.
9. NO STREET CLOSURES WILL BE ALLOWED.

1. TRENCH REPAIR IN BALTIMORE CITY STREET R.O.W. SHALL BE DONE IN ACCORDANCE WITH STANDARD DETAIL BC-576.19 FOR FLEXIBLE PAVEMENT OR BC-576.18 FOR RIGID PAVEMENT. FULL DEPTH TRENCH COMPACTION IS REQUIRED.

2. CURBS DAMAGED DUE TO THIS INSTALLATION SHALL BE REPLACED "IN-KIND" TO THE NEAREST EXISTING JOINTS.

3. DISTURBED SIDEWALKS SHALL BE REPLACED JOINT-TO-JOINT USING 5 INCH THICK MIX NO. 2 CONCRETE PLACED ON A 3 INCH THICK COMPACTED CR-6 AND APPROVED SUBGRADE.

1. CONTRACTOR SHALL TEST PIT FOR DEPTH AND LOCATION OF EXISTING UTILITIES WITHIN THE WORK AREA PRIOR TO BEGINNING CONSTRUCTION. ELEVATIONS SHOWN ARE BASED ON THE BEST AVAILABLE INFORMATION. CONTRACTOR SHALL MAKE FIELD ADJUSTMENTS AS REQUIRED AFTER REVIEW AND APPROVAL BY THE ENGINEER.
2. ALL DUCTILE IRON PIPE (DIP) JOINTS SHALL BE RESTRAINED.
3. TOPO SHOWN HEREON IS BASED ON A FIELD RUN TOPOGRAPHIC SURVEY PREPARED BY McKEE ASSOCIATES, INC.
4. PROVIDE A MINIMUM OF 4.0 FEET OF COVER OVER ALL PROPOSED WATER LINES, TYPICAL.
5. THERE IS AN EXISTING WATER METER AND SERVICES AT THE SUBJECT PROPERTY. THE EXISTING SERVICE (ACCOUNT #09257513003) WILL BE TAKEN OUT OF SERVICE AND THE METER (K35105116) REMOVED AS PART OF THIS WORK.
6. OUTSIDE FACE OF THE METER VAULT SHALL BE 1.25' BEHIND THE 22nd STREET FACE OF CURB.

AS BUILT REVISIONS		REVISIONS			
BY:	NO.	DESCRIPTION			DATE
DATE:					



DUCTILE IRON PIPE:
6" DIAMETER CLASS 54, THICKNESS 0.37"
DUCTILE IRON FITTINGS:
6" DIAMETER CLASS D OR CLASS 250

BILL OF MATERIALS		
QTY.	DESCRIPTION	SIZE
1	10"x 6" TAPPING SLEEVE	10"x6"
1	VALVE	6"
1	SMALL SECTIONAL CONCRETE VAULT	—
30 L.F.	DUCTILE IRON PIPE (CLASS 54)	6"
1	6"x12" OFFSET	6"x12"
1	LARGE SECTIONAL VAULT	-
1	6"x 3" TEE (IN METER VAULT)	6"x 3"
6 L.F.	3" COPPER PIPE	3"
1	TEMPORARY CAP	3"
1	TEMPORARY CAP	6"

* PIPING & FITTINGS IN VAULT
SEE BALTO. CITY DETAIL BC 840.92-B
TO BE BID LUMP SUM, COMPLETE IN PLACE

BENCHMARK #6483
CUT IN SOUTH END OF 4TH GRANITE STEP XXX TO ST. MARKS
LUTHERAN CHURCH ON SOUTH WEST CORNER OF ST. PAUL ST
AND 20TH ST. - 1.10' FROM FACE OF STEP - 0.75' FROM SOUTH
END. ELEV: 108.386

BENCHMARK #6484
CUT IN SOUTH END OF BOTTOM GRANITE STEP ENTRANCE TO
COMMISSIONER OF MOTOR VEHICLES ON GUILFORD AVENUE
BETWEEN 21ST STREET AND 22ND STREET, 0.5' FROM SOUTH
END. .03' FROM FACE OF STEP. ELEV: 139.001

GALVANIZED PLUG IN CONCRETE WALK ON N.E. CORNER OF
CALVERT STREET AND 21ST STREET. N 5786.348 E 513.232

GALVANIZED PLUG IN CONCRETE WALK ON N.E. CORNER OF
CALVERT STREET AND 22ND STREET. N 6150.893 E 494.476

CHIEF, UTILITY ENGINEERING SECTION

CHIEF, WATER & WASTEWATER ENGINEERING DIVISION

HEAD, BUREAU OF WATER & WASTEWATER

DIRECTOR OF PUBLIC WORKS

CITY OF BALTIMORE, DPW, BUREAU OF GENERAL
SERVICES, FLEET MANAGEMENT DIVISION

OWNER/APPLICANT

CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS
BUREAU OF WATER AND WASTEWATER

DEVELOPER'S AGREEMENT No. 956
D.G.S. STATE OFFICE BUILDING #3

6" WATER SUPPLY SERVICE
WITH 6" DETECTOR CHECK FIRE

METER AND 2" DOMESTIC METER
2100 GUILFORD AVENUE
BALTIMORE, MD

SCALE: AS SHOWN DATE: FEBRUARY 16, 200

WATER & WASTEWATER ENGINEERING DIVISION	SHEET 1 OF
---	------------

Murphy & Dittenhafen
A R C H I T E C T S

226 West Market Street, New Paltz, New York 12561
914-592-4233 Fax: 914-592-4973 Fax

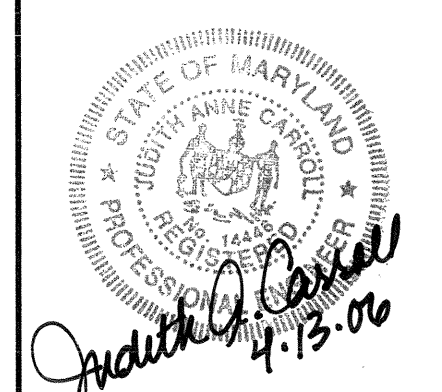
226 West Market Street, New Paltz, New York 12561
717-843-8827 Fax: 717-843-2448 Fax

CONSULTAN



CARROLL ENGINEERING, INC.
EXECUTIVE PLAZA IV, SUITE LL1
11350 MCCORMICK ROAD
HUNT VALLEY, MD 21031
410-785-7423 PHONE 410-771-1313 FAX

PHASE ONE: ADDITION TO STATE OFFICE BUILDING NO.3
2100 GUILFORD AVENUE, BALTIMORE, MD 21244
MARYLAND DEPARTMENT OF GENERAL SERVICES

[illegible]

CAD DWG FILE:	03183
DRAWN BY:	DWM
CHECKED BY:	SAM
PROJECT NO:	BB-621-003-00
DATE:	03/03/06
<p>WATER METER PLAN</p> <p>C-11</p>	
SHEET	14 OF 21

KEYED NOTES

EVERY NOTE LISTED BELOW MAY NOT BE USED ON THIS DRAWING SHEET. FOR ANY NOTE USED ON THIS SHEET BUT NOT LISTED BELOW, REFER TO THE KEYED NOTE MASTER LIST ON SHEET CS-2.

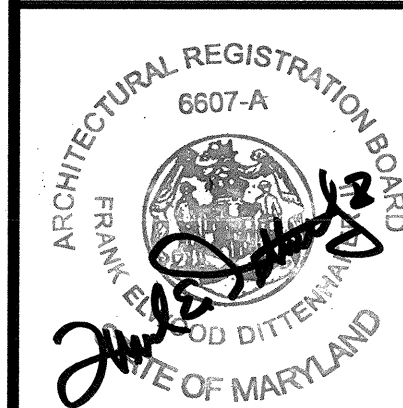
- 001 EXISTING CONSTRUCTION
- 011 UTILITY TUNNEL TO REMAIN
- 012 UNDERSIDE OF EXISTING CONCRETE STAIRS AND LANDING ABOVE
- 014 NO WORK IN THIS AREA UNLESS SPECIFICALLY NOTED OTHERWISE
- 040 CUT NEW OPENING OR ENLARGE EXISTING OPENING IN EXISTING CONCRETE WALL - REMOVE MATERIAL TO BELOW FLOOR LEVEL AS REQUIRED TO PERMIT NEW WORK - INSTALL NEW LINTEL AS SCHEDULED - SEE STRUCTURAL DRAWINGS
- 041 REMOVE EXISTING STONE VENEER - SALVAGE FOR FUTURE USE AND STORE ON SITE AS DIRECTED BY OWNER
- 050 REMOVE EXISTING CONCRETE SLAB ON GRADE
- 051 REMOVE EXISTING CONCRETE STEPS, WALLS AND FOUNDATIONS, AND SLAB ON GRADE UNDER STAIR - LEAVE UTILITY TUNNEL INTACT
- 052 REMOVE EXISTING CONCRETE FOUNDATION AS REQUIRED - SEE STRUCTURAL DRAWINGS
- 053 REMOVE EXISTING WINDOW
- 055 REMOVE EXISTING DOOR AND FRAME
- 056 CUT NEW OPENING OR ENLARGE EXISTING OPENING IN EXISTING MASONRY WALL - REMOVE MATERIAL TO BELOW FLOOR LEVEL AS REQUIRED TO PERMIT NEW WORK - INSTALL NEW LINTEL AS SCHEDULED - SEE STRUCTURAL DRAWINGS
- 057 REMOVE EXISTING MASONRY AND / OR STONE BELOW WINDOW TO COMPLETE REQUIRED OPENING
- 059 REMOVE EXISTING PARTITION
- 060 REMOVE EXISTING FLOORING - PREPARE SLAB TO RECEIVE NEW WORK
- 068 REMOVE EXISTING ROOF
- 070 REMOVE EXISTING CONCRETE STEPS, WALLS AND FOUNDATIONS, AND SLAB ON GRADE

- 059 REMOVE EXISTING PARTITION
- 060 REMOVE EXISTING FLOORING - PREPARE SLAB TO RECEIVE NEW WORK
- 068 REMOVE EXISTING ROOF
- 070 REMOVE EXISTING CONCRETE STEPS, WALLS AND FOUNDATIONS, AND SLAB ON GRADE

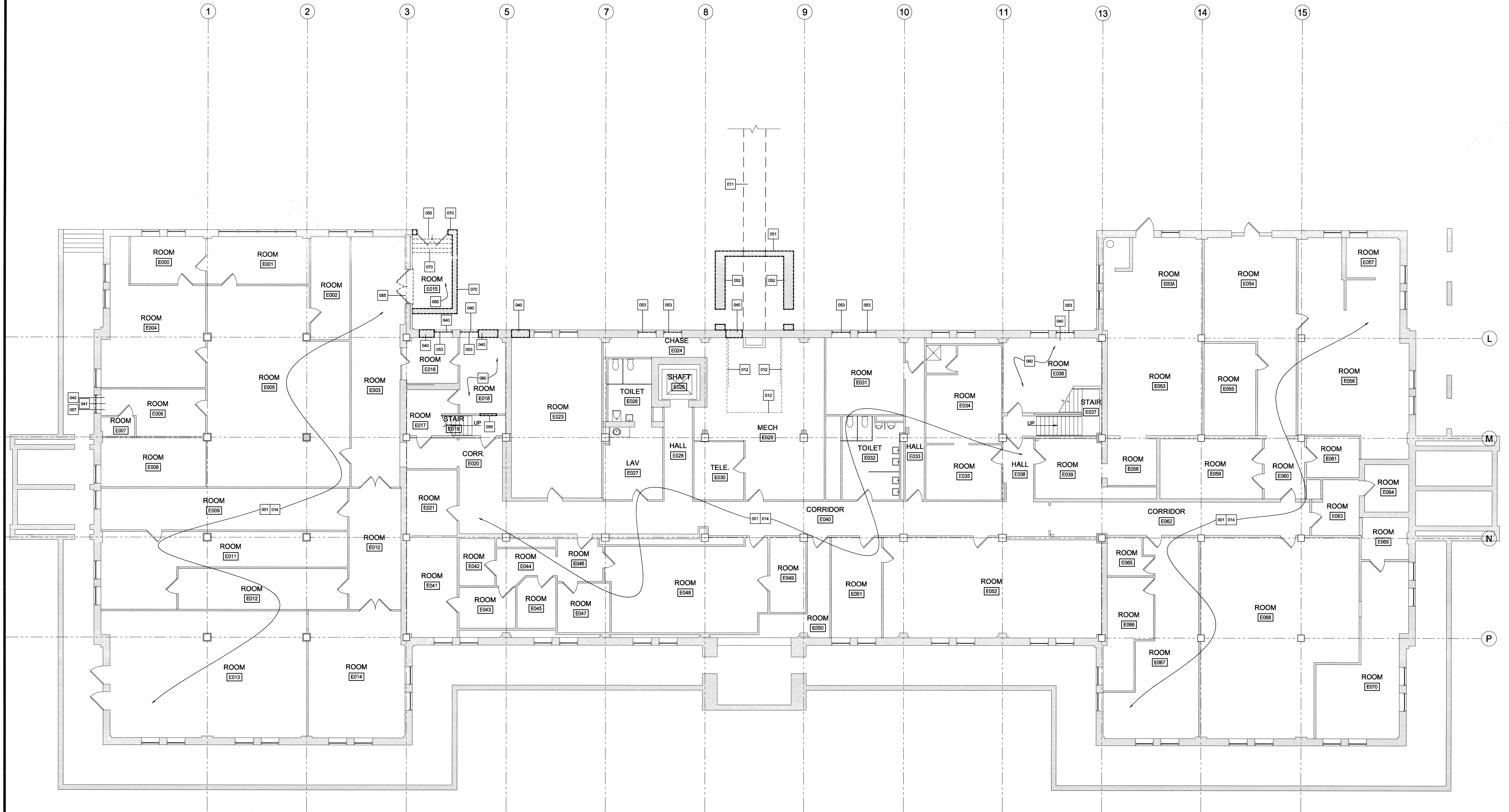
Murphy & Dittenhafer
ARCHITECTS

228 West Market Street, York, Pennsylvania 17401
717-343-8200 FAX 717-343-8202

CONSULTANT



PHASE ONE: ADDITION TO STATE OFFICE BUILDING NO.3
2100 GUILFORD AVENUE, BALTIMORE, MD 21218
MARYLAND DEPARTMENT OF GENERAL SERVICES



1
AD1.0
1/8" = 1'-0"

0 4' 8' 16'

GROUND FLOOR DEMO PLAN

CAD DWG FILE: 03183
DRAWN BY: GCH
CHECKED BY: JPS
PROJECT NO: BB-621-003-001
DATE: 3/03/06
GROUND FLOOR DEMO PLAN
AD1.0
SHEET 15 OF 91

EVERY NOTE LISTED BELOW MAY NOT BE USED ON THIS DRAWING SHEET. FOR ANY NOTE USED ON THIS SHEET BUT NOT LISTED BELOW, REFER TO THE KEYED NOTE MASTER LIST ON SHEET CS-2.

- 001 EXISTING CONSTRUCTION
011 UTILITY TUNNEL TO REMAIN
012 UNDERSIDE OF EXISTING CONCRETE STAIRS AND LANDING ABOVE
013 NO WORK IN THIS AREA UNLESS SPECIFICALLY NOTED OTHERWISE
040 CUT NEW OPENING OR ENLARGE EXISTING OPENING IN EXISTING
041 CONCRETE WALL - REMOVE MATERIAL TO BELOW FLOOR LEVEL AS
042 REQUIRED TO PERMIT NEW WORK - INSTALL NEW LINTEL AS SCHEDULED -
043 SEE STRUCTURAL DRAWINGS
044 REMOVE EXISTING STONE VENEER - SALVAGE FOR FUTURE USE AND
045 STORE ON SITE AS DIRECTED BY OWNER
050 REMOVE EXISTING CONCRETE SLAB ON GRADE
051 REMOVE EXISTING CONCRETE STEPS, WALLS AND FOUNDATIONS, AND
052 SLAB ON GRADE UNDER STAIR - LEAVE UTILITY TUNNEL INTACT
056 REMOVE EXISTING CONCRETE FOUNDATION AS REQUIRED - SEE
057 STRUCTURAL DRAWINGS
058 REMOVE EXISTING WINDOW
059 REMOVE EXISTING DOOR AND FRAME
066 CUT NEW OPENING OR ENLARGE EXISTING OPENING IN EXISTING
067 MASONRY WALL - REMOVE MATERIAL TO BELOW FLOOR LEVEL AS
068 REQUIRED TO PERMIT NEW WORK - INSTALL NEW LINTEL AS SCHEDULED -
069 SEE STRUCTURAL DRAWINGS
070 REMOVE EXISTING MASONRY AND / OR STONE BELOW WINDOW TO
071 COMPLETE REQUIRED OPENING

- 059 REMOVE EXISTING PARTITION
060 REMOVE EXISTING FLOORING - PREPARE SLAB TO RECEIVE NEW WORK
068 REMOVE EXISTING ROOF
070 REMOVE EXISTING CONCRETE STEPS, WALLS AND FOUNDATIONS, AND SLAB
ON GRADE

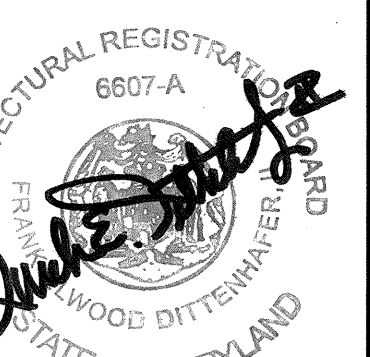
Murphy & Dittenhafer

A R C H I T E C T S

800 North Charles Street, Baltimore, Maryland 21201
410-482-4823 Voice 410-625-4874 Fax

228 West Market Street, York, Pennsylvania 17401
717-345-8827 Voice 717-345-2448 Fax

CONSULTANT



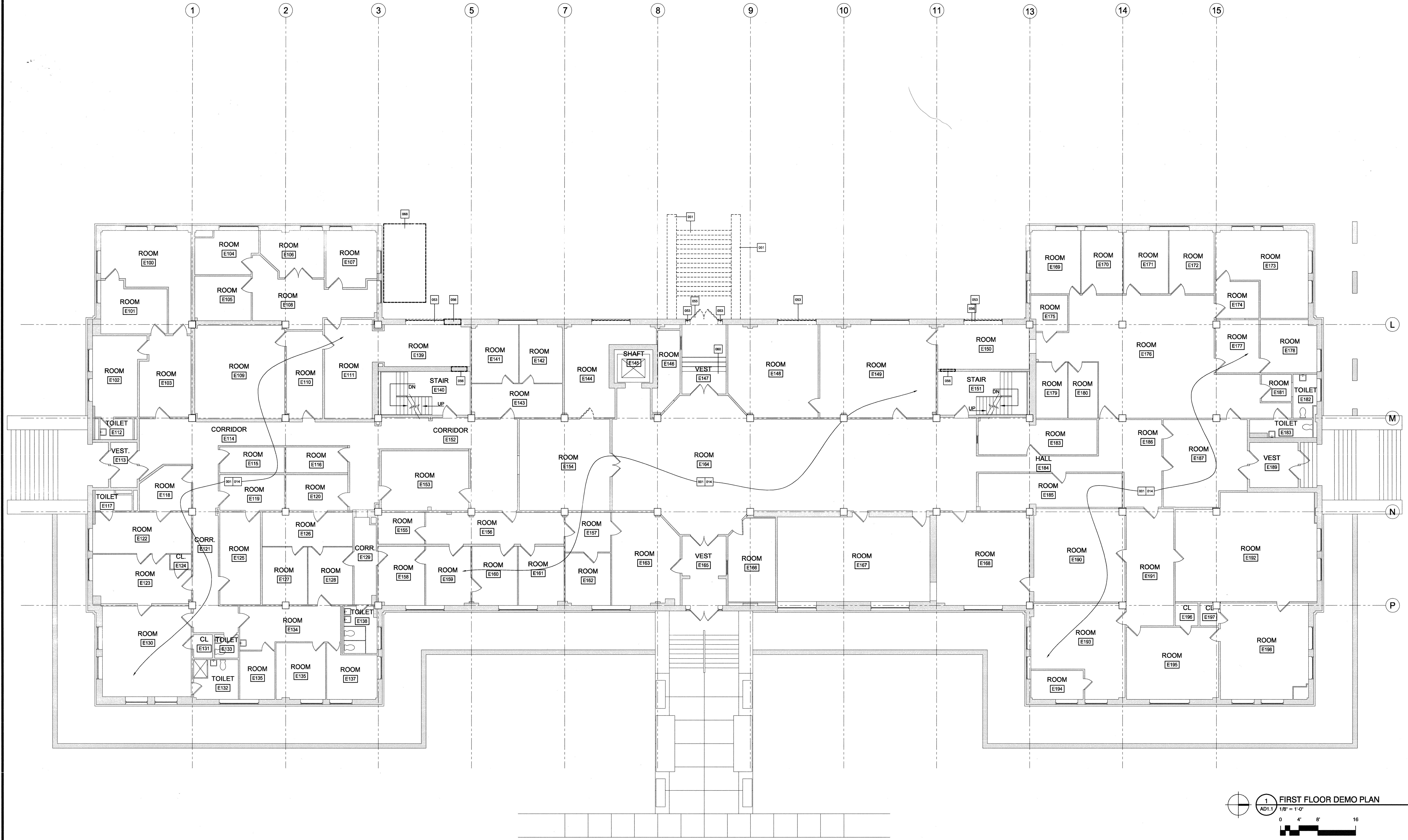
PHASE ONE: ADDITION TO STATE OFFICE BUILDING NO.3
2100 GUILFORD AVENUE, BALTIMORE, MD 21218
MARYLAND DEPARTMENT OF GENERAL SERVICES

[illegible]

DWG FILE:	03183
DRAWN BY:	GCH
CHECKED BY:	JPS
PROJECT NO:	BB-621-003-001
DATE:	3/03/06

5/03/06
FIRST FLOOR
DEMO PLAN

AD1.1



KEYED NOTES

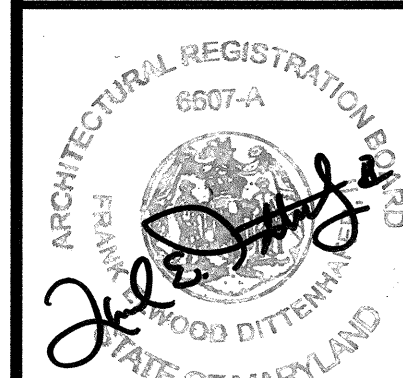
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- 001 EXISTING CONSTRUCTION
011 UTILITY TUNNEL TO REMAIN
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055 REMOVE EXISTING DOOR AND FRAME
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057 REMOVE EXISTING MASONRY AND / OR STONE BELOW WINDOW TO COMPLETE REQUIRED OPENING

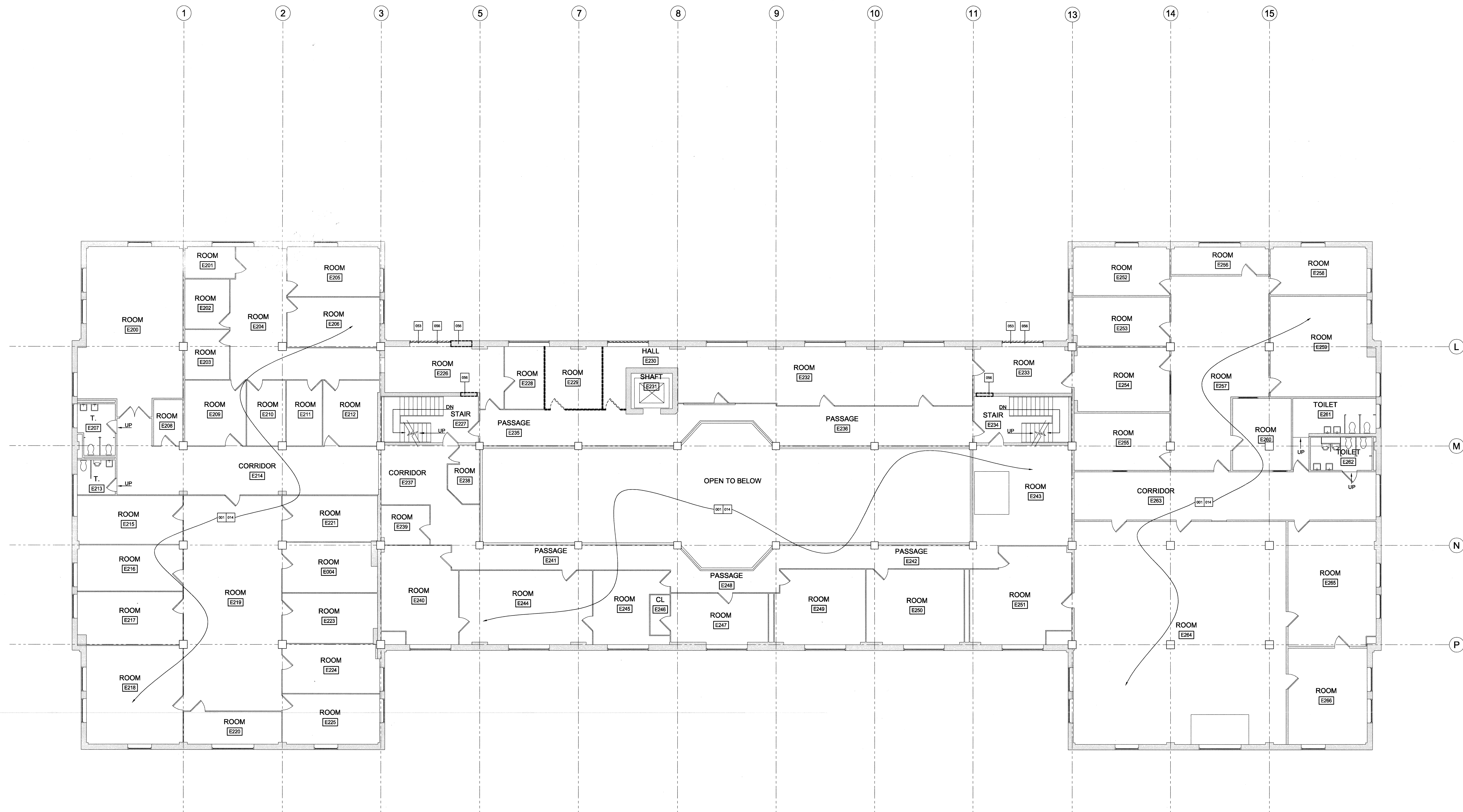
- 059 REMOVE EXISTING PARTITION
060 REMOVE EXISTING FLOORING - PREPARE SLAB TO RECEIVE NEW WORK
068 REMOVE EXISTING ROOF
070 REMOVE EXISTING CONCRETE STEPS, WALLS AND FOUNDATIONS, AND SLAB ON GRADE

Murphy & Dittenhafer
ARCHITECTS
228 West Madison Street, Suite 200, Baltimore, Maryland 21201
410-528-4871 FAX 410-528-4872

CONSULTANT



PHASE ONE: ADDITION TO STATE OFFICE BUILDING NO.3
2100 GUILFORD AVENUE, BALTIMORE, MD 21218
MARYLAND DEPARTMENT OF GENERAL SERVICES



1 SECOND FLOOR DEMO PLAN
AD1.2 1/8" = 1'-0"
0 4' 8' 16'

CAD DWG FILE: 03183
DRAWN BY: GCH
CHECKED BY: JPS
PROJECT NO: BB-621-003-001
DATE: 3/03/06
SECOND FLOOR DEMO PLAN
AD1.2
SHEET 17 OF 91

KEYED NOTES

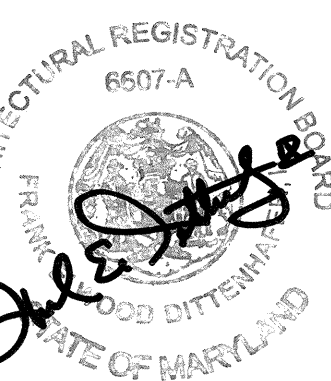
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- 001 EXISTING CONSTRUCTION
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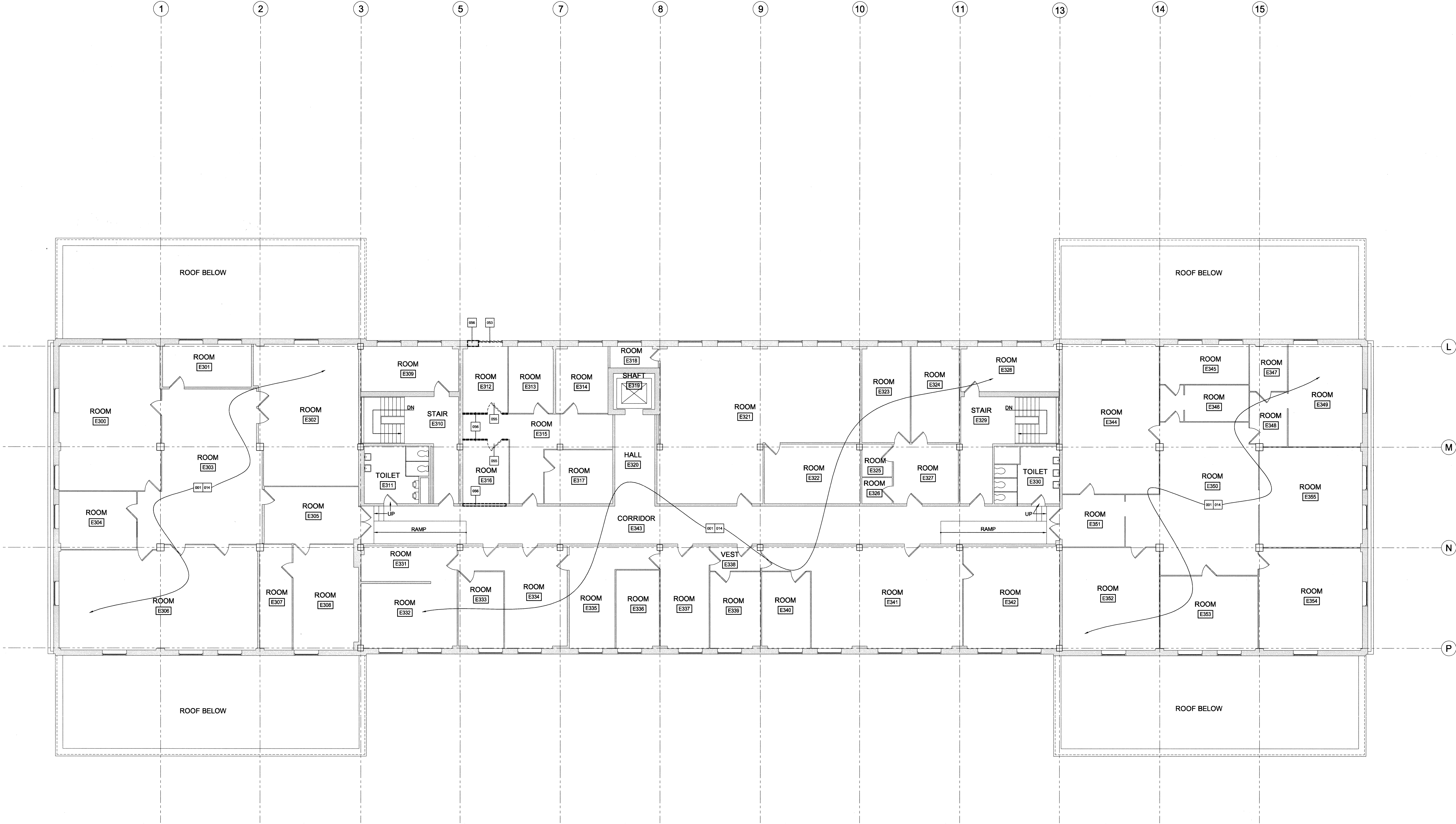
- 059 REMOVE EXISTING PARTITION
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068 REMOVE EXISTING ROOF
070 REMOVE EXISTING CONCRETE STEPS, WALLS AND FOUNDATIONS, AND SLAB ON GRADE

Murphy & Dittenhafer
ARCHITECTS
226 West Market Street, York, Pennsylvania 17403
717-466-6221
800 North Charles Street, Baltimore, Maryland 21201
410-528-4625

CONSULTANT



PHASE ONE: ADDITION TO STATE OFFICE BUILDING NO.3
2100 GUILFORD AVENUE, BALTIMORE, MD 21218
MARYLAND DEPARTMENT OF GENERAL SERVICES



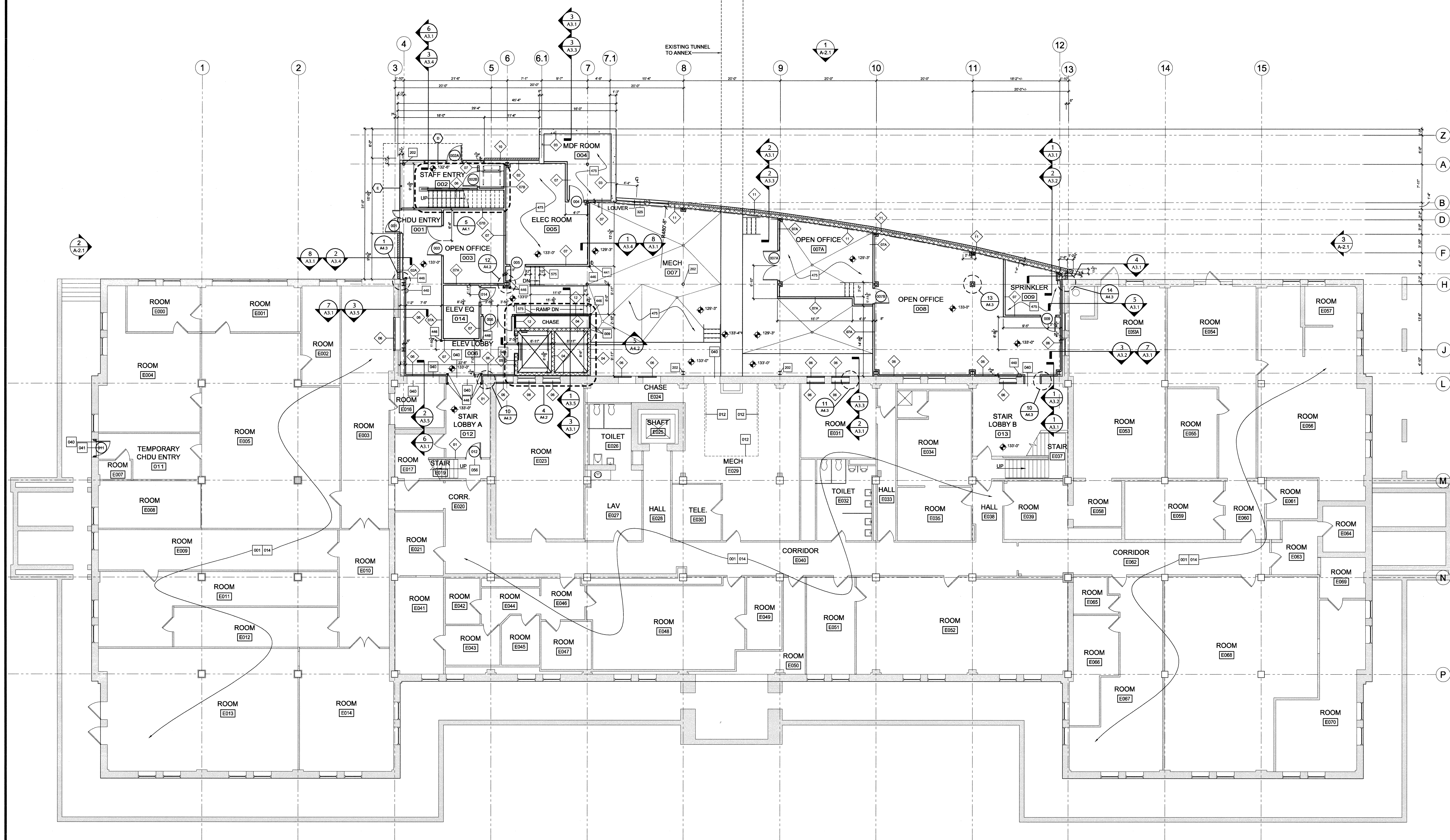
1 THIRD FLOOR DEMO PLAN
AD1.3 1/8" = 1'-0"
0 4' 8' 16'

CAD DWG FILE: 031B3
DRAWN BY: GCH
CHECKED BY: JPS
PROJECT NO: BB-621-003-001
DATE: 3/03/06
THIRD FLOOR DEMO PLAN
AD1.3
SHEET 18 OF 91

KEYED NOTES
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- 001 EXISTING CONSTRUCTION
009 FLUSH / ALIGN
010 FUTURE WORK
012 UNDERSIDE OF EXISTING CONCRETE STAIRS AND LANDINGS ABOVE
014 NO WORK IN THIS AREA UNLESS SPECIFICALLY NOTED OTHERWISE
040 CUT NEW OPENING OR ENLARGE EXISTING OPENING IN EXISTING CONCRETE WALL - REMOVE MATERIAL TO BELOW FLOOR LEVEL AS REQUIRED TO PERMIT NEW WORK -
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056 CUT NEW OPENING OR ENLARGE EXISTING OPENING IN EXISTING MASONRY WALL - REMOVE MATERIAL TO BELOW FLOOR LEVEL AS REQUIRED TO PERMIT NEW WORK -
202 STEEL COLUMN

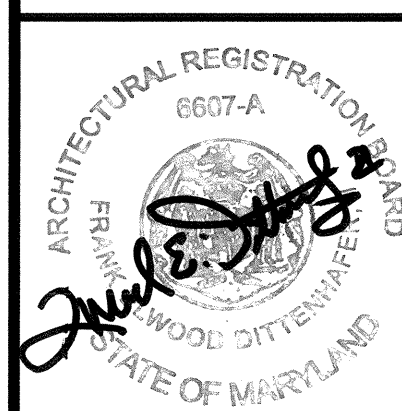
- 325 LOUVER
333 1 1/2" PORTLAND CEMENT PLASTER ON SELF-FURRING LATH SECURED TO STEEL FRAMING
440 FIRE EXTINGUISHER AND CABINET
441 FIRE EXTINGUISHER AND MOUNTING BRACKET
442 AFFIX PAPER EXIT SIGN TO WALL ADJACENT TO THIS DOOR
443 INSTALL 36" WIDE GATE IN 42" HIGH BARRIER TO PRECLUDE INADVERTENT TRAVEL INTO THE GROUND FLOOR DURING EMERGENCY EGRESS - FABRICATE FROM 1 1/2" DIAMETER STEEL TUBING - SEE DETAIL 2/A1.1 SPRING HINGES
444 2" X 3" X 3/4" STEEL TUBE - SECURE TO WALL
446 STAINLESS STEEL CORNER GUARD
475 SEALED CONCRETE FLOOR
477 EXPOSED STRUCTURE
480 SUSPENDED ACOUSTICAL CEILING SYSTEM
492 PATCH EXISTING CEILING WHERE ADJACENT WORK IS REMOVED
493 3/4" GWB FASCIA AND/OR SOFFIT ON METAL FURRING
494 3/4" GWB CEILING ON SUSPENSION SYSTEM
495 EXTEND PARTITION UP TO BOTTOM OF DECK
496 EXTEND PARTITION UP TO CEILING SURFACE - SECURE TRACK TO GRID
575 STEEL HANDRAIL
600 ELEVATOR SHAFT



1
A1.0
1/8" = 1'-0"
0 4' 8' 16'

Murphy & Dittenhafer
ARCHITECTS
800 North Charles Street, Baltimore, Maryland 21201
410-525-4023 Voice 410-525-4074 Fax
225 West Market Street, York, Pennsylvania 17403
717-663-6027 Voice 717-663-6041 Fax

CONSULTANT

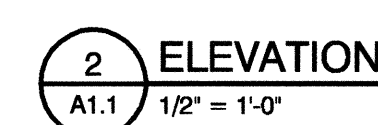


PHASE ONE: ADDITION TO STATE OFFICE BUILDING NO.3
2100 GUILFORD AVENUE, BALTIMORE, MD 21218
MARYLAND DEPARTMENT OF GENERAL SERVICES

NO.	DATE	DESCRIPTION

CAD DWG FILE: 03183
DRAWN BY: GCH
CHECKED BY: JPS
PROJECT NO: BB-621-003-001
DATE: 3/03/06

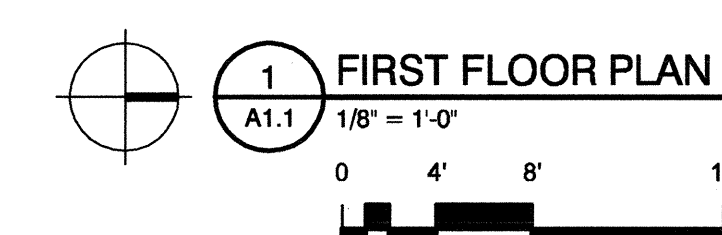
GROUND FLOOR PLAN
A1.0
SHEET 19 OF 91



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- 001 EXISTING CONSTRUCTION
009 FLUSH / ALIGN
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012 UNDERSIDE OF EXISTING CONCRETE STAIRS
AND LANDING ABOVE
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SPECIFICALLY NOTED OTHERWISE
040 CUT NEW OPENING OR ENLARGE EXISTING
OPENING IN EXISTING CONCRETE WALL -
REMOVE MATERIAL TO BELOW FLOOR LEVEL
AS REQUIRED TO PERMIT NEW WORK -
INSTALL NEW LINTEL AS SCHEDULED - SEE
STRUCTURAL DRAWINGS
041 REMOVE EXISTING STONE VENEER -
SALVAGE FOR FUTURE USE AND STORE ON
SITE AS DIRECTED BY OWNER
056 CUT NEW OPENING OR ENLARGE EXISTING
OPENING IN EXISTING CONCRETE WALL -
REMOVE MATERIAL TO BELOW FLOOR LEVEL
AS REQUIRED TO PERMIT NEW WORK -
INSTALL NEW LINTEL AS SCHEDULED - SEE
STRUCTURAL DRAWINGS
202 STEEL COLUMN

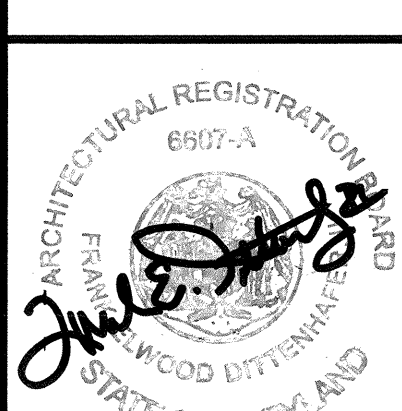
- 325 LOUVER
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SELF-FURRING LATH SECURED TO STEEL
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340 FIRE EXTINGUISHER AND CABINET
341 FIRE EXTINGUISHER AND MOUNTING
BRACKET
342 AFFIX PAPER EXIT SIGN TO WALL ADJACENT
TO THIS DOOR
343 INSTALL 36" WIDE GATE IN 42" HIGH
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1 1/2" DIAMETER STEEL TUBING - SEE DETAIL 2/A1.1
344 SPRING HINGES
345 2" X 3" X 3/4" STEEL TUBE - SECURE TO WALL
AND STAINLESS STEEL CORNER GUARD
346 SEALED CONCRETE FLOOR
347 EXPOSED STRUCTURE
348 SUSPENDED ACOUSTICAL CEILING SYSTEM
PATCH EXISTING CEILING WHERE ADJACENT
WORK IS REQUIRED
349 3/4" GWB FASCIA AND/OR SOFFIT ON METAL
FRAMING
350 3/4" GWB CEILING ON SUSPENSION SYSTEM
351 PARTITION UP TO BOTTOM OF DECK
352 EXTERIOR PARTITION UP TO CEILING SURFACE
- SECURE TRACK TO GRID
353 STEEL HANDRAIL
354 ELEVATOR SHAFT



Murphy & Dittenhafer
A R C H I T E C T S

9 North Charlie Street, Baltimore, Maryland 21201
8-05-4623 Voice 410-825-4674 Fax
226 West Market Street, York, Pennsylvania 17401
717-486-8677 Voice 717-486-2447 Fax

CONSULTANT



PHASE ONE: ADDITION TO STATE OFFICE BUILDING NO.3
2100 GUILFORD AVENUE, BALTIMORE, MD 21218
MARYLAND DEPARTMENT OF GENERAL SERVICES

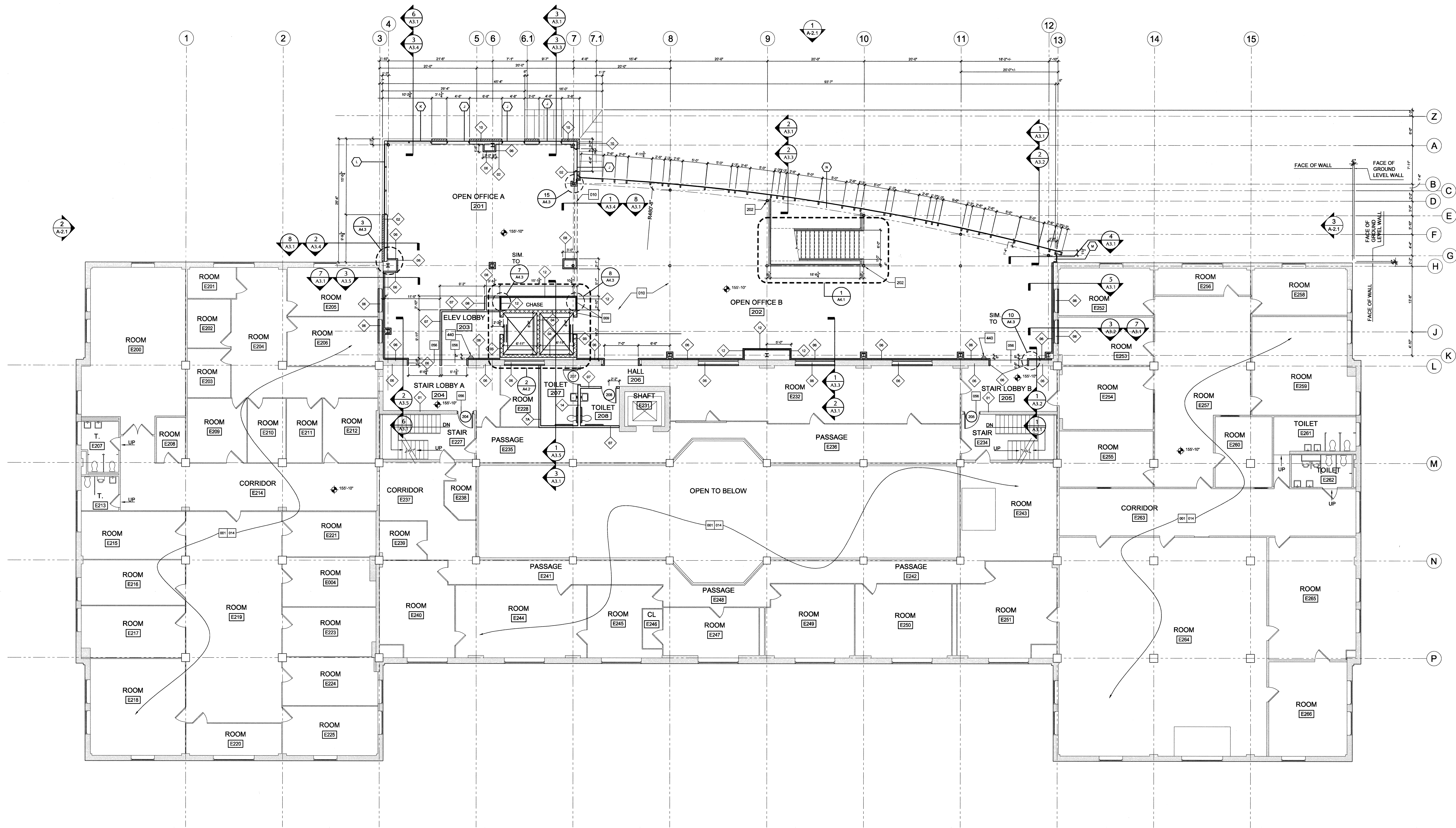
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CAD DWG FILE:	03183
DRAWN BY:	GCH
CHECKED BY:	JPS
PROJECT NO:	BB-621-003-00
DATE:	3/03/06
FIRST FLOOR PLAN	
A1.1	
SHEET	20 OF 91

KEYED NOTES
EVERY NOTE LISTED BELOW MAY NOT BE USED ON THIS DRAWING SHEET. FOR ANY NOTE USED ON THIS SHEET BUT NOT LISTED BELOW, REFER TO THE KEYED NOTE MASTER LIST ON SHEET CS-2.

- 001 EXISTING CONSTRUCTION
008 FLUSH / ALIGN
010 FUTURE WORK
012 UNDERSIDE OF EXISTING CONCRETE STAIRS AND LANDING ABOVE
014 NO WORK IN THIS AREA UNLESS SPECIFICALLY NOTED OTHERWISE
040 CUT NEW OPENING OR ENLARGE EXISTING OPENING IN EXISTING CONCRETE WALL - REMOVE MATERIAL TO BELOW FLOOR LEVEL AS REQUIRED TO PERMIT NEW WORK - INSTALL NEW LINTEL AS SCHEDULED - SEE STRUCTURAL DRAWINGS
041 REMOVE EXISTING STONE VENEER - SALVAGE FOR FUTURE USE AND STORE ON SITE AS DIRECTED BY OWNER
056 CUT NEW OPENING OR ENLARGE EXISTING OPENING IN EXISTING MASONRY WALL - REMOVE MATERIAL TO BELOW FLOOR LEVEL AS REQUIRED TO PERMIT NEW WORK - INSTALL NEW LINTEL AS SCHEDULED - SEE STRUCTURAL DRAWINGS
202 STEEL COLUMN

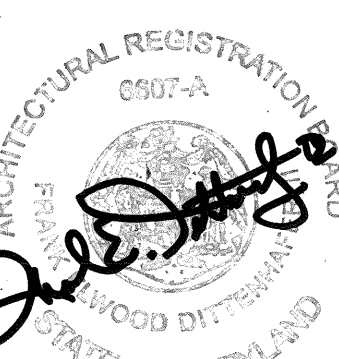
- 325 LOUVER
333 1/2" PORTLAND CEMENT PLASTER ON SELF-FURRING LATH SECURED TO STEEL FRAMING
440 FIRE EXTINGUISHER AND CABINET
441 FIRE EXTINGUISHER AND MOUNTING BRACKET
442 AFFIX PAPER EXIT SIGN TO WALL ADJACENT TO THIS DOOR
443 INSTALL 36" WIDE GATE IN 42" HIGH BARRIER TO PRECLUDE INADVERTENT TRAVEL INTO THE GROUND FLOOR DURING EMERGENCY EGRESS - FABRICATE FROM 1 1/2" DIAMETER STEEL TUBING - SEE DETAIL 2/A1.1 SPRING HINGES
444 2" X 3" X 3/4" STEEL TUBE - SECURE TO WALL
446 STAINLESS STEEL CORNER GUARD
475 SEALED CONCRETE FLOOR
477 EXPOSED STRUCTURE
480 SUSPENDED ACOUSTICAL CEILING SYSTEM
492 PATCH EXISTING CEILING WHERE ADJACENT WORK IS REMOVED
493 3/4" GWB FASCIA AND/OR SOFFIT ON METAL FURRING
494 3/4" GWB CEILING ON SUSPENSION SYSTEM
495 EXTEND PARTITION UP TO BOTTOM OF DECK
496 EXTEND TRACK UP TO CEILING SURFACE - SECURE TRACK TO GRID
575 STEEL HANDRAIL
600 ELEVATOR SHAFT



1 SECOND FLOOR PLAN
A1.2 1/8" = 1'-0"
0 4' 8' 16'

Murphy & Dittenhafer
ARCHITECTS
228 West Market Street, York, Pennsylvania 17401
717-348-2281 FAX 717-348-2282

CONSULTANT



PHASE ONE: ADDITION TO STATE OFFICE BUILDING NO.3
2100 GUILFORD AVENUE, BALTIMORE, MD 21218
MARYLAND DEPARTMENT OF GENERAL SERVICES

NO.	DATE	DESCRIPTION

CAD DWG FILE: 03183
DRAWN BY: GCH
CHECKED BY: JPS
PROJECT NO: BB-621-003-001
DATE: 3/03/06

SECOND FLOOR
PLAN

A1.2
SHEET 21 OF 91

EVERY NOTE LISTED BELOW MAY NOT BE USED ON THIS DRAWING SHEET. FOR ANY NOTE USED ON THIS SHEET BUT NOT LISTED BELOW, REFER TO THE KEYED NOTE MASTER LIST ON SHEET CS-2.

- 001 EXISTING CONSTRUCTION
009 FLUSH / ALIGN
010 FUTURE WORK
012 OVERLAP OF EXISTING CONCRETE STAIRS
AND LANDING ABOVE
014 NO WORK IN THIS AREA UNLESS
SPECIFICALLY NOTED OTHERWISE
040 CUT OPENING OR ENLARGE EXISTING
OPENING IN EXISTING CONCRETE WALL -
REMOVE MATERIAL TO BELOW FLOOR LEVEL
AS REQUIRED TO PERMIT NEW WORK -
INSTALL NEW LINING AS SCHEDULED - SEE
STRUCTURAL DRAWINGS
041 REMOVE EXISTING STONE VENEER -
SALVAGE FOR FUTURE USE AND STORE ON
SITE AS DIRECTED BY THE ARCHITECT
056 CUT NEW OPENING OR ENLARGE EXISTING
OPENING IN EXISTING MASONRY WALL -
REMOVE MATERIAL TO BELOW FLOOR LEVEL
AS REQUIRED TO PERMIT NEW WORK -
INSTALL NEW LINING AS SCHEDULED - SEE
STRUCTURAL DRAWINGS
202 STEEL COLUMN

- 325 LOUVER
330 1½" PORTLAND CEMENT PLASTER ON
SELF-FURRING LATH SECURED TO STEEL
FRAMING
440 FIRE EXTINGUISHING AND CABINET
441 FIRE EXTINGUISHING AND MOUNTING
BRACKET
442 AFFIX PAPER EIGHT SIGN TO WALL ADJACENT
TO THIS DOOR
443 INSTALL 36" WIDE GATE IN 42" HIGH
BARRIER TO PRECLUDE UNADVERTENT
TRAVEL INTO THE GROUND FLOOR DURING
EMERGENCY EGRESS - FABRICATE FROM
1 ½" DIAMETER STEEL TUBING - SEE DETAIL 29A.1
444 SPRING
445 2" X 3" X ¾" STEEL TUBE - SECURE TO WALL
446 STAINLESS STEEL CORNER GUARD
447 SEALED CONCRETE FLOOR
448 EXPOSED STRUCTURE
490 SUSPENDED ACOUSTICAL CEILING SYSTEM
492 PATCH EXISTING CEILING WHERE ADJACENT
WORK IS REMOVED
493 ¾" GWB FASCIA AND/OR SOFFIT ON METAL
FRAMING
494 ¾" GWB CEILING ON SUSPENSION SYSTEM
495 EXTEND PARTITION UP TO BOTTOM OF DECK
496 EXTEND PARTITION UP TO CEILING SURFACE
- SECURE TRUCK TO GRID
575 STEEL IS BRADNALL
600 ELEVATOR SHAFT

A R C H I T E C T S

Murphy & Dittenhafer

800 North Charles Street, Baltimore, Maryland 21201
410-521-4623 Voice 410-521-8774 Fax

226 West Market Street, York, Pennsylvania 17401
717-848-8827 Voice 717-848-2469 Fax

CONSULTANT

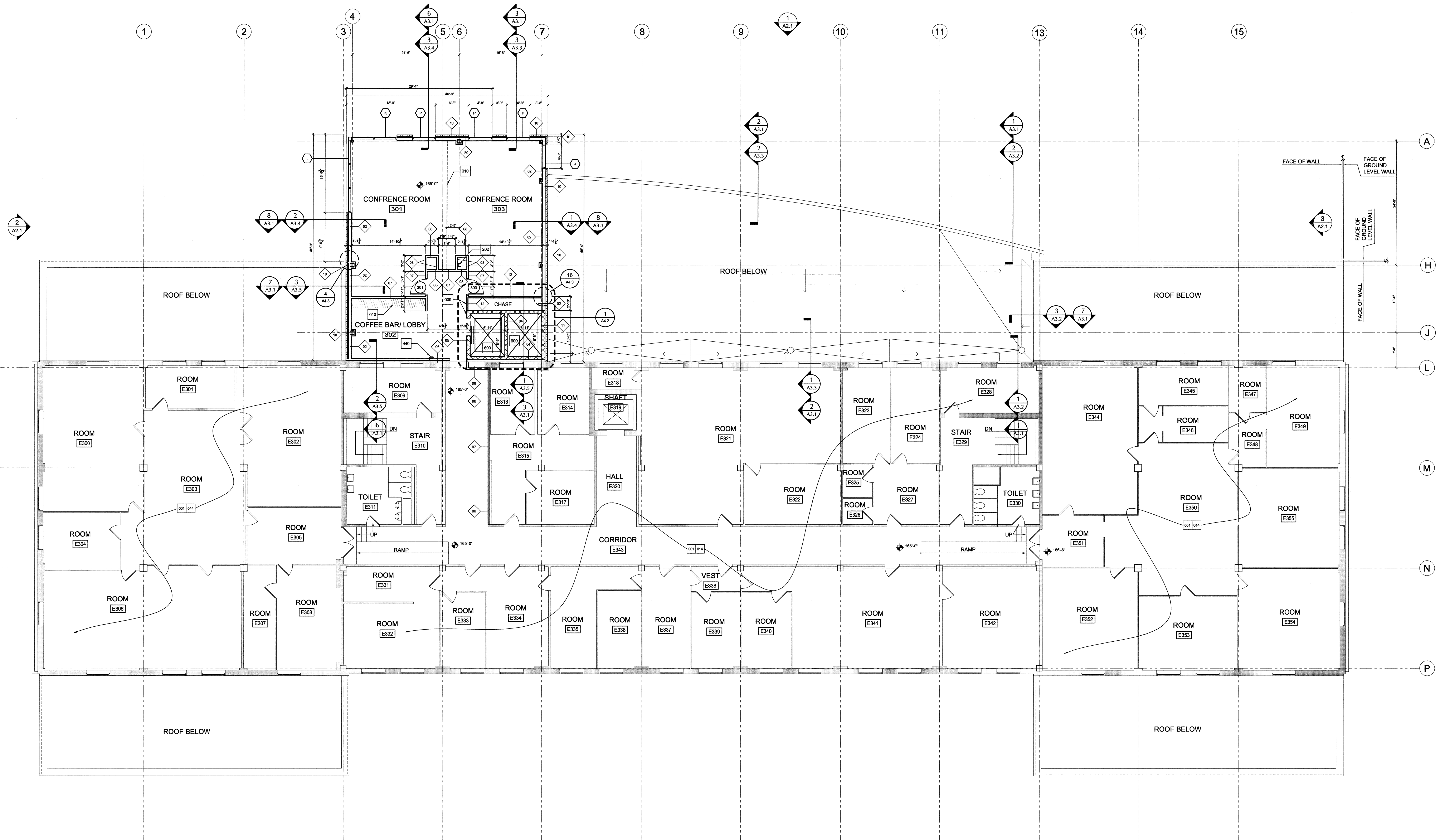
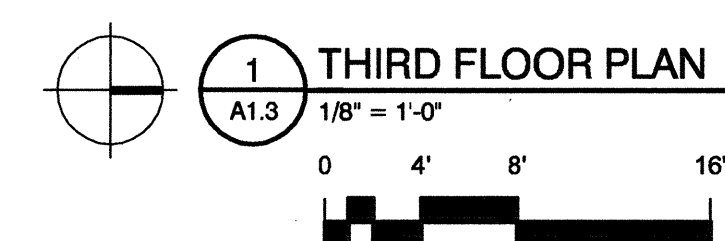


PHASE ONE: ADDITION TO STATE OFFICE BUILDING NO.3
2100 GUILFORD AVENUE, BALTIMORE, MD 21218
MARYLAND DEPARTMENT OF GENERAL SERVICES

DATE:	3/03/06
PROJECT NO:	BB-621-003-0
CHECKED BY:	JPS
DRAWN BY:	GCH
OLD DWG FILE:	03183

THIRD FLOOR
PLAN

A1.3

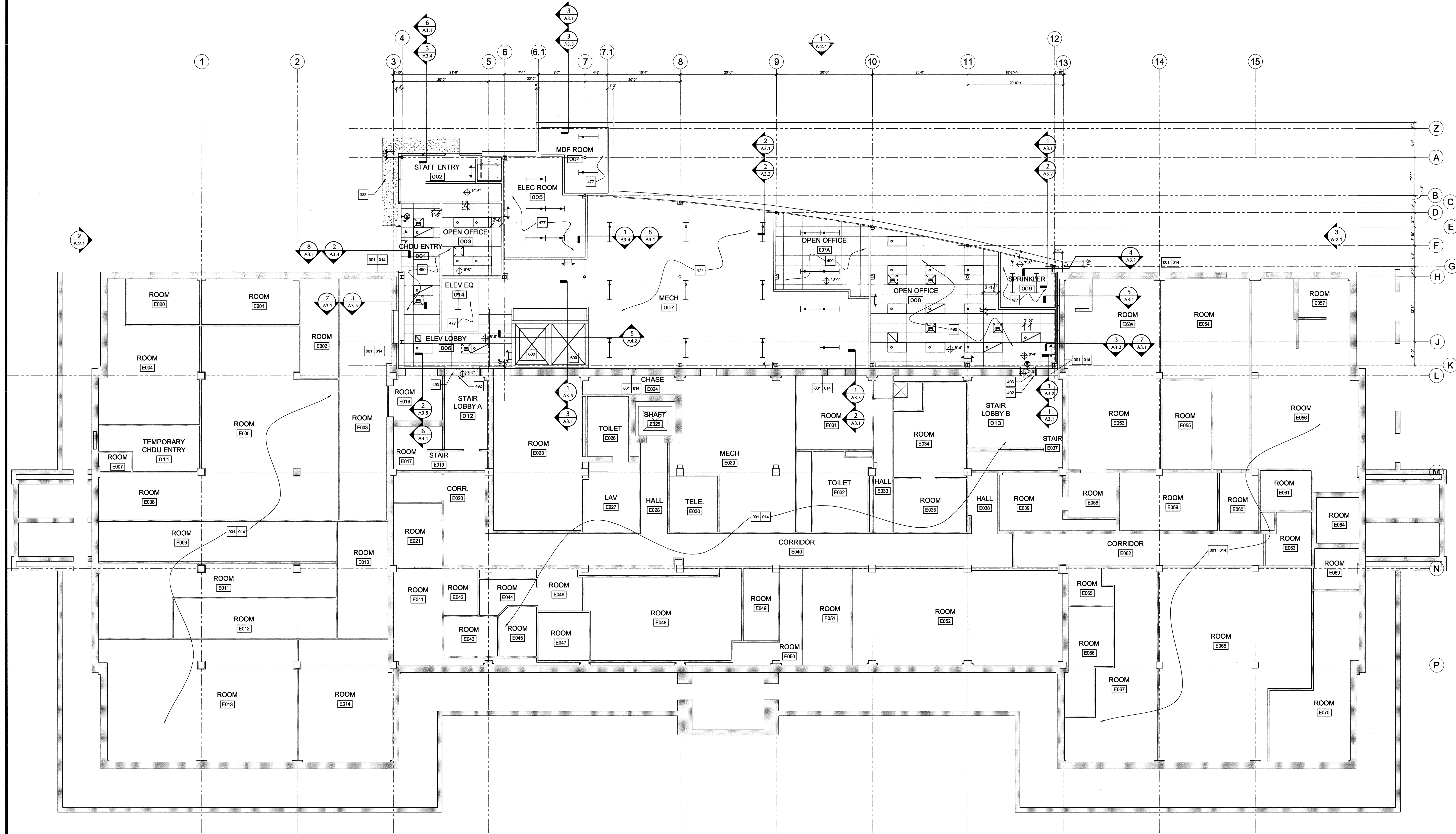


KEYED NOTES

EVERY NOTE LISTED BELOW MAY NOT BE USED ON THIS DRAWING SHEET. FOR ANY NOTE USED ON THIS SHEET BUT NOT LISTED BELOW, REFER TO THE KEYED NOTE MASTER LIST ON SHEET CS-2.

- 001 EXISTING CONSTRUCTION
009 FLUSH / ALIGN
010 FUTURE WORK
012 UNDERSIDE OF EXISTING CONCRETE STAIRS AND LANDING ABOVE
014 NO WORK IN THIS AREA UNLESS SPECIFICALLY NOTED OTHERWISE
040 CUT NEW OPENING OR ENLARGE EXISTING OPENING IN EXISTING CONCRETE WALL - REMOVE MATERIAL TO BELOW FLOOR LEVEL AS REQUIRED TO PERMIT NEW WORK - INSTALL NEW LINTEL AS SCHEDULED - SEE STRUCTURAL DRAWINGS
041 REMOVE EXISTING STONE VENEER - SALVAGE FOR FUTURE USE AND STORE ON SITE AS DIRECTED BY OWNER
056 CUT NEW OPENING OR ENLARGE EXISTING OPENING IN EXISTING MASONRY WALL - REMOVE MATERIAL TO BELOW FLOOR LEVEL AS REQUIRED TO PERMIT NEW WORK - INSTALL NEW LINTEL AS SCHEDULED - SEE STRUCTURAL DRAWINGS
202 STEEL COLUMN

- 325 LOUVER
333 1/2" PORTLAND CEMENT PLASTER ON SELF-FURRING LATH SECURED TO STEEL FRAMING
440 FIRE EXTINGUISHER AND CABINET
441 FIRE EXTINGUISHER AND MOUNTING BRACKET
442 AFFIX PAPER EXIT SIGN TO WALL ADJACENT TO THIS DOOR
443 INSTALL 36" WIDE GATE IN 42" HIGH BARRIER TO PRECLUDE INADVERTENT TRAVEL INTO THE GROUND FLOOR DURING EMERGENCY EGRESS - FABRICATE FROM 1 1/2" DIAMETER STEEL TUBING - SEE DETAIL 2/A1.1
446 STAINLESS STEEL CORNER GUARD
475 SEALED CONCRETE FLOOR
477 EXPOSED STRUCTURE
490 SUSPENDED ACOUSTICAL CEILING SYSTEM
492 PATCH EXISTING CEILING WHERE ADJACENT WORK IS REMOVED
493 3/4" GWB FASCIA AND/OR SOFFIT ON METAL FURRING
494 3/4" GWB CEILING ON SUSPENSION SYSTEM
495 EXTEND PARTITION UP TO BOTTOM OF DECK
496 EXTEND PARTITION UP TO CEILING SURFACE - SECURE TRACK TO GRID
575 STEEL HANDRAIL
600 ELEVATOR SHAFT



1
A1.4
1/8" = 1'-0"
0 4' 8' 16'

Murphy & Dittenhafer
ARCHITECTS
226 West Market Street, York, Pennsylvania 17401
717-846-5672 Voice 717-846-5687 Fax

CONSULTANT

ARCHITECTURAL REGISTRATION BOARD
STATE OF MARYLAND
0997-A
J. D. Murphy

PHASE ONE: ADDITION TO STATE OFFICE BUILDING NO. 3
2100 GULFORD AVENUE, BALTIMORE, MD 21218
MARYLAND DEPARTMENT OF GENERAL SERVICES

NO.	DATE	DESCRIPTION

CAD DWG FILE: 03183
DRAWN BY: GCH
CHECKED BY: JPS
PROJECT NO: BB-621-003-001
DATE: 3/03/06

GROUND FLOOR
RCP

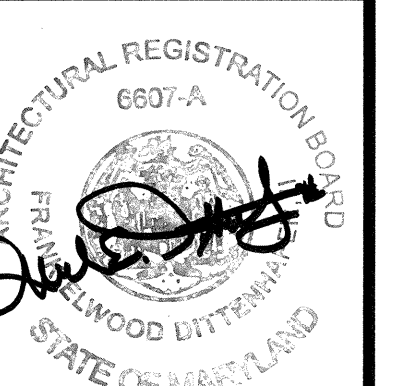
A1.4
SHEET 23 OF 91

EVERY NOTE LISTED BELOW MAY NOT BE USED ON THIS DRAWING SHEET. FOR ANY NOTE USED ON THIS SHEET BUT NOT LISTED BELOW, REFER TO THE KEYED NOTE MASTER LIST ON SHEET CS-2.

- 325 LOUVER
333 1½" PORTLAND CEMENT PLASTER ON
SELF-FURRING LATH SECURED TO STEEL
FRAMING
440 FIRE EXTINGUISHER AND CABINET
441 FIRE EXTINGUISHER AND MOUNTING
BRACKET
442 AFFIX PAPER EXIT SIGN TO WALL ADJACENT
TO THIS DOOR
443 INSTALL 36" WIDE GATE IN 42" HIGH
BARRIER TO PRECLUDE INADEQUATE
TRAVEL INTO THE GROUND FLOOR DURING
EMERGENCY EVACUATION. FABRICATE FROM
1½" DIAMETER STEEL TUBING - SEE DETAIL 2/A1.1
446 STAINLESS STEEL CORNER GUARD
447 SEALED CONCRETE FLOOR
448 EXPOSED STRUCTURE
449 SUSPENDED ACOUSTICAL CEILING SYSTEM
PATCH EXISTING CEILING WHERE ADJACENT
WORK IS REMOVED
493 ¾" GWB FASCIA AND/OR SOFFIT ON METAL
FURRING
494 ¾" GWB CEILING ON SUSPENSION SYSTEM
496 EXTEND PARTITION UP TO BOTTOM OF DECK
498 EXTEND PARTITION UP TO CEILING SURFACE
SECURE TRACK TO GRID
575 STEEL HANDRAIL
600 ELEVATOR SHAFT

Murphy & Dittenhafer
A R C H I T E C T S
880 North Christie Street, Baltimore, Maryland 21201
410-825-4823 Voice 410-825-4874 Fax
228 West Market Street, York, Pennsylvania 17401
717-846-9827 Voice 717-843-2449 Fax

SULFANT



PHASE ONE: ADDITION TO STATE OFFICE BUILDING NO.3

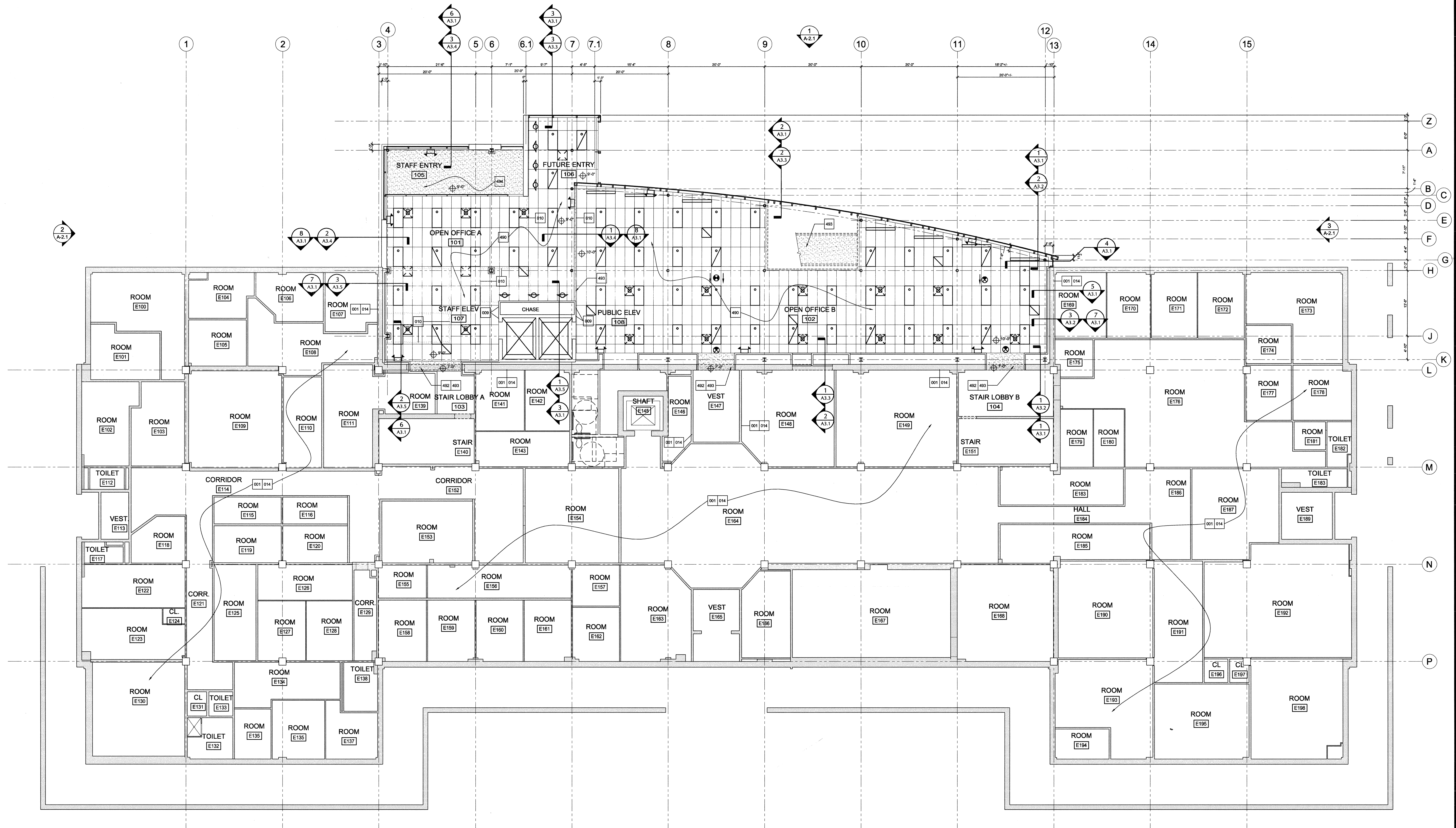
2100 GUILFORD AVENUE, BALTIMORE, MD 21210
MARYLAND DEPARTMENT OF GENERAL SERVICES

DWG FILE:	03183
DRAWN BY:	GCH
CHECKED BY:	JPS
PROJECT NO:	BB-621-003-001
DATE:	3/03/06

FIRST FLOOR
RCP

A1.5

PAGE 24 OF 91





FIRST FLOOR RCP
 1/8" = 1'-0"
 0 4' 8' 16'
 

EVERY NOTE LISTED BELOW MAY NOT BE USED ON THIS DRAWING SHEET. FOR ANY NOTE USED ON THIS SHEET BUT NOT LISTED BELOW, REFER TO THE KEYED NOTE MASTER LIST ON SHEET CS-2.

- 001 EXISTING CONSTRUCTION
009 FLUSH / ALIGN
010 FUTURE WORK
012 UNDERGOING OF EXISTING CONCRETE STAIRS
AND LANDING ABOVE
014 NO WORK IN THIS AREA UNLESS
SPECIFICALLY NOTED OTHERWISE
040 CUT NEW OPENING OR ENLARGE EXISTING
OPENING IN EXISTING CONCRETE WALL -
REMOVE MATERIAL TO BELOW FLOOR LEVEL
AS REQUIRED TO PERMIT NEW WORK -
INSTALL NEW Lintel AS SCHEDULED - SEE
STRUCTURAL DRAWING
041 REMOVE EXISTING STONE VENEER -
SALVAGE FOR FUTURE USE AND STORE ON
SITE AS DIRECTED BY OWNER
042 CUT OPENING IN EXISTING CONCRETE
OPENING IN EXISTING MASONRY WALL -
REMOVE MATERIAL TO BELOW FLOOR LEVEL
AS REQUIRED TO PERMIT NEW WORK -
INSTALL NEW Lintel AS SCHEDULED - SEE
STRUCTURAL DRAWINGS
202 STEEL COLUMN

- 325 LOUVER
333 1½" PORTLAND CEMENT PLASTER ON
SELF-FURRING LATH SECURED TO STEEL
FRAMING
440 FIRE EXTINGUISHER AND CABINET
441 FIRE EXTINGUISHER AND MOUNTING
BRACKET
442 AFFIX PAPER EXIT SIGN TO WALL ADJACENT
TO THIS DOOR
443 INSTALL ¾" WIDE GATE IN 42" HIGH
BARRIER TO PRECLUDE INADVERTENT
TRAVEL INTO THE GROUND FLOOR DURING
EMERGENCY EGRESS - FABRICATE FROM
1" X 1/2" DIETER STEEL
444 STAINLESS STEEL CORNER GUARD
445 SEALED CONCRETE FLOOR
EXPOSED STRUCTURE
490 SUSPENDED ACOUSTICAL CEILING SYSTEM
492 PATCH EXISTING CEILING WHERE ADJACENT
WORKS REMAINED
493 ¾" GWS FASCIA AND/OR SOFFIT ON METAL
FURRING
494 ¾" GWS CEILING ON SUSPENSION SYSTEM
EXTEND PARTITION UP TO BOTTOM OF DECK
496 EXTEND PARTITION UP TO CEILING SURFACE
- SECURE TRUCK TO GRID
575 STEEL HANDRAIL
600 ELEVATOR SHAFT

A R C H I T E C T S
Murphy & Dittenhafer
800 North Charles Street, Baltimore, Maryland 21201
410-625-4023 Voice 410-625-4074 Fax
226 West Market Street, York, Pennsylvania 17401
717-548-8527 Voice 717-543-2449 Fax

CONSULTANT



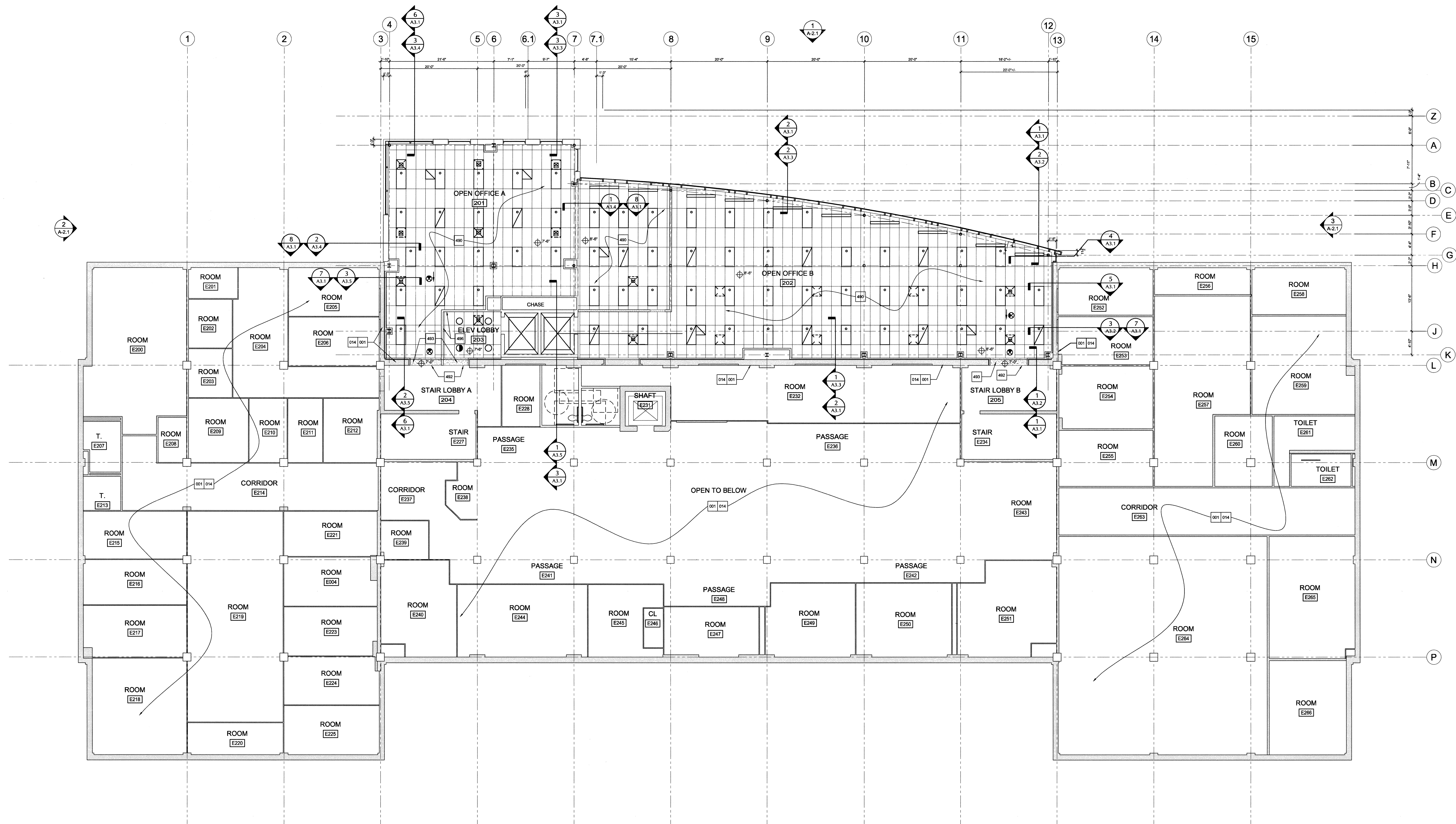
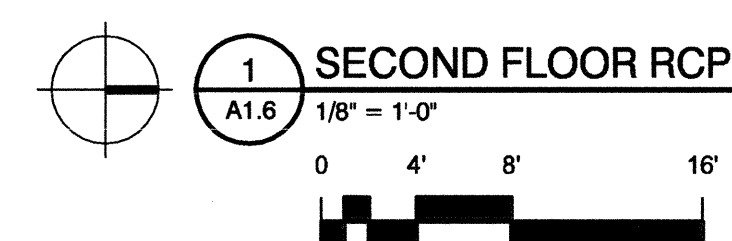
PHASE ONE: ADDITION TO STATE OFFICE BUILDING NO.3
2100 GUILFORD AVENUE, BALTIMORE, MD 21218
MARYLAND DEPARTMENT OF GENERAL SERVICES

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DWG FILE:	03183
DRAWN BY:	GCH
CHECKED BY:	JPS
PROJECT NO:	BB-621-003-0
DATE:	3/03/06

SECOND FLOOR
RCP

A1.6



EVERY NOTE LISTED BELOW MAY NOT BE USED ON THIS DRAWING SHEET. FOR ANY NOTE USED ON THIS SHEET BUT NOT LISTED BELOW, REFER TO THE KEYED NOTE MASTER LIST ON SHEET CS-2.

- 001 EXISTING CONSTRUCTION
009 FLUSH / ALIGN
010 FUTURE WORK
012 UNDERCUT OF EXISTING CONCRETE STAIRS
AND LANDING ABOVE
014 NO WORK IN THIS AREA UNLESS
SPECIFICALLY NOTED OTHERWISE
040 CUT OPENING OR ENLARGE EXISTING
OPENING IN EXISTING CONCRETE WALL -
REMOVE MATERIAL TO BELOW FLOOR LEVEL
AS REQUIRED TO PERMIT NEW WORK -
INSTALL NEW UNIT/AS SCHEDULED - SEE
STRUCTURAL DRAWINGS
041 REMOVE EXISTING STONE VENEER -
SALVAGE FOR FUTURE USE AND STORE ON
SITE AS DIRECTED BY OWNER
042 CUT OPENING OR ENLARGE EXISTING
OPENING IN EXISTING MASONRY WALL -
REMOVE MATERIAL TO BELOW FLOOR LEVEL
AS REQUIRED TO PERMIT NEW WORK -
INSTALL NEW UNIT/AS SCHEDULED - SEE
STRUCTURAL DRAWINGS
202 STEEL COLUMN

- 325 LOUVER
333 1½" PORTLAND CEMENT PLASTER ON
SELF-FURRING LATH SECURED TO STEEL
FRAMING
440 FIRE EXTINGUISHER AND CABINET
441 FIRE EXTINGUISHER AND MOUNTING
BRACKET
442 AFFIX PAPER EXIT SIGN TO WALL ADJACENT
TO THIS DOOR
443 INSTALL 36" WIDE WALK IN 42" HIGH
BARRIER TO PRECLUDE INADVERTENT
TRAVEL INTO THE GROUND FLOOR DURING
EMERGENCY EGRESS - FABRICATE FROM
444 1" DIAMETER STEEL RODS
445 STAINLESS STEEL CORNER GUARD
446 SEALED CONCRETE FLOOR
447 EXPOSED STRUCTURE
448 SUSPENDED ACOUSTICAL CEILING SYSTEM
449 PATCH EXISTING CEILING WHERE ADJACENT
WORK REMAINS
450 ¾" GWB FASCIA AND/OR SOFFIT ON METAL
FRAMING
451 ¾" GWB CEILING ON SUSPENSION SYSTEM
452 EXTEND PARTITION UP TO BOTTOM OF DECK
453 EXTEND PARTITION UP TO CEILING SURFACE
- SECURE TRUCK TO GRID
454 STEEL HANDRAIL
570 ELEVATOR SHAFT

A R C H I T E C T S
Murphy & Dittenhafer
800 North Charles Street, Baltimore, Maryland 21201
410-525-4323 Voice 410-525-4574 Fax
228 West Market Street, York, Pennsylvania 17401
717-448-8827 Voice 717-543-2449 Fax

CONSULTANT



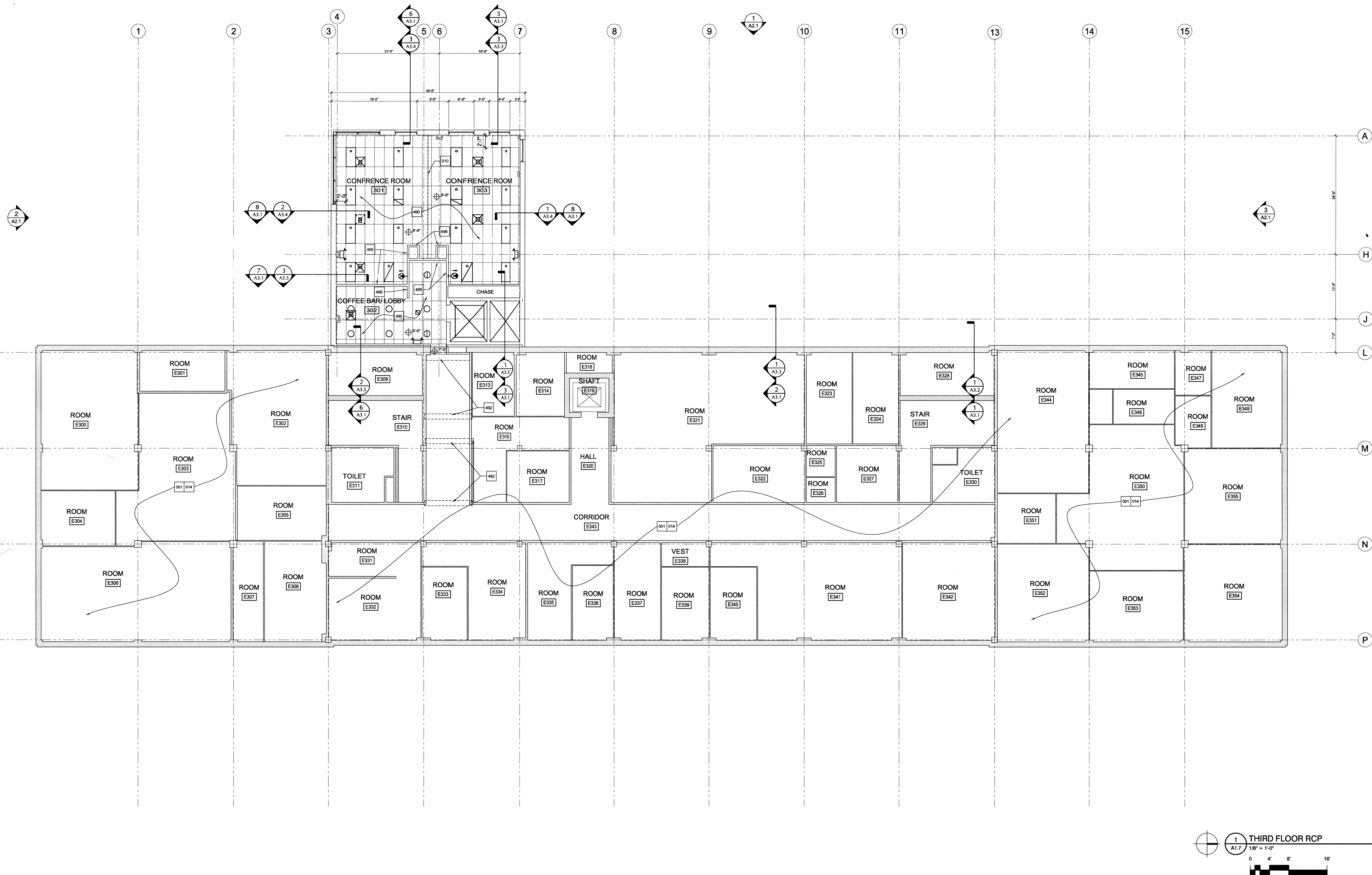
PHASE ONE: ADDITION TO STATE OFFICE BUILDING NO.3
2100 GUILFORD AVENUE, BALTIMORE, MD 21218
MARYLAND DEPARTMENT OF GENERAL SERVICES

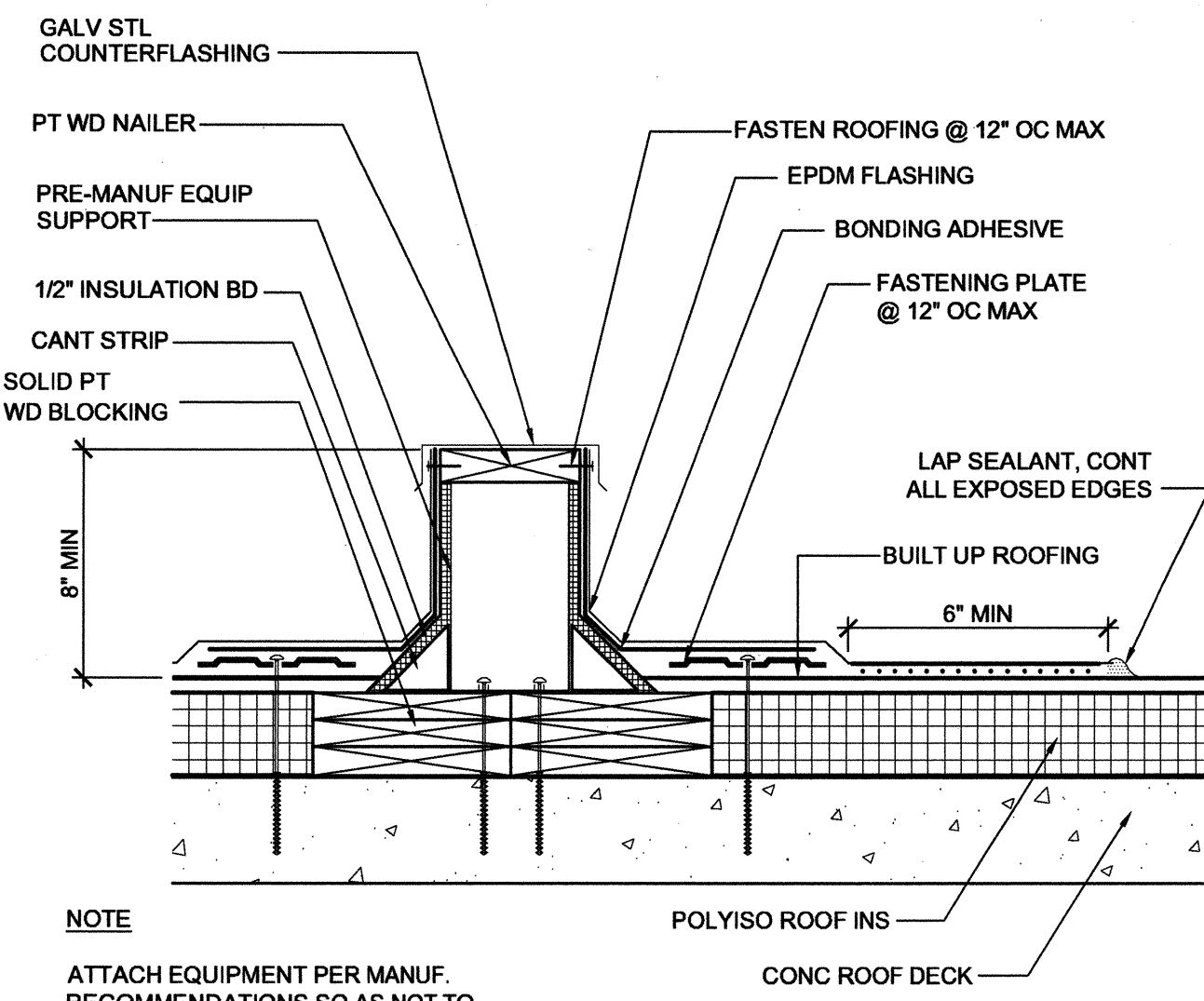
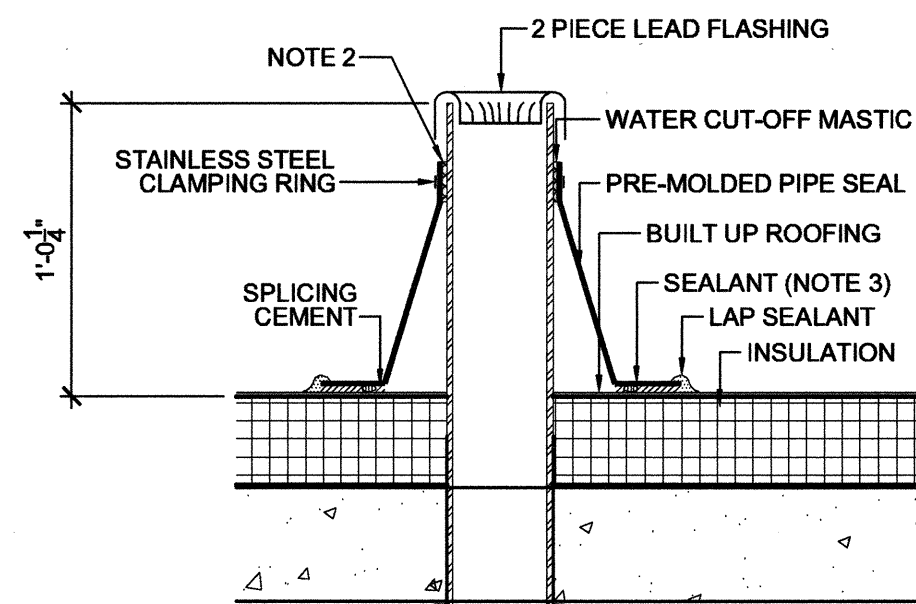
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DWG FILE:	03183
DRAWN BY:	GCH
CHECKED BY:	JPS
PROJECT NO:	BB-621-003-0
DATE:	3/03/06

THIRD FLOOR
RCP

A1.7





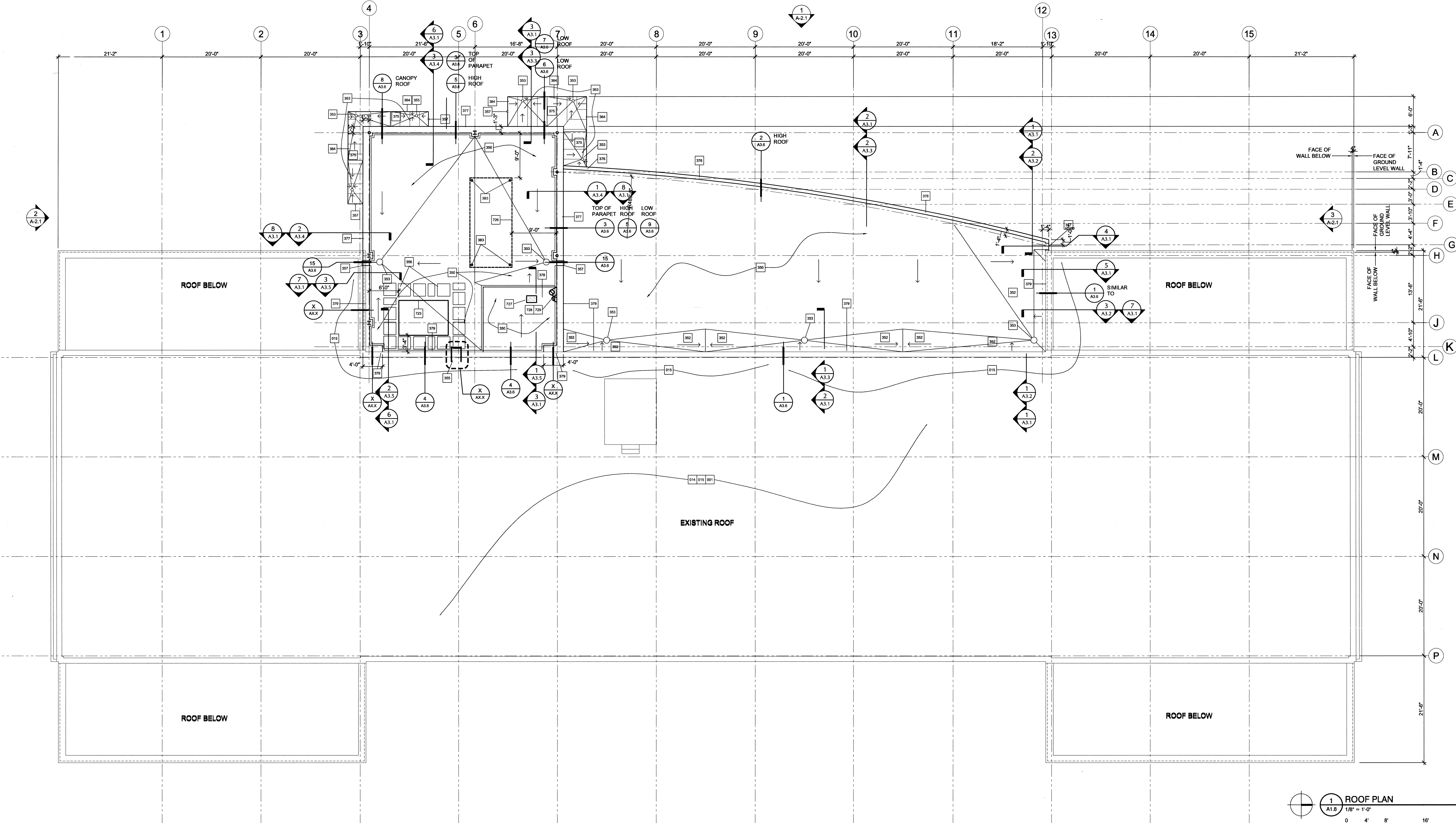
- NOTES**
1. PRE-MOLDED PIPE SEAL MUST HAVE INTACT RIB AT TOP EDGE, REGARDLESS OF PIPE DIAMETER
 2. APPLY IN-SEAM SEALANT 1/2" FROM INSIDE EDGE OF PIPE SEAL FLANGE
 3. DECK FLANGES OF THE PRE-MOLDED PIPE FLASHING SHALL NOT BE OVERLAPPED, CUT OR APPLIED OVER ANY ANGLE CHANGE

KEYED NOTES

- EVERY NOTE LISTED BELOW MAY NOT BE USED ON THIS DRAWING SHEET. FOR ANY NOTE USED ON THIS SHEET BUT NOT LISTED BELOW, REFER TO THE KEYED NOTE MASTER LIST ON SHEET CS-2.
- 001 EXISTING CONSTRUCTION
 - 008 FACE OF WALL BEYOND
 - 009 FLUSH
 - 010 FUTURE WORK
 - 014 NO WORK IN THIS AREA UNLESS SPECIFICALLY NOTED OTHERWISE
 - 015 DOCUMENT CONDITION OF EXISTING ROOF AREA AND MINIMIZE ACTIVITY ON THIS ROOF. CONTRACTOR WILL BE REQUIRED TO RESTORE ANY DAMAGED AREAS AS NECESSARY TO PRESERVE EXISTING WARRANTIES.
 - 350 BUILT-UP ROOF ON INSULATION OVER ROOF STRUCTURE AS NOTED
 - 352 CREATE CRICKETS WITH TAPERED INSULATION
 - 353 ROOF DRAIN - SEE PLUMBING DRAWINGS
 - 355 ROOF HATCH
 - 356 WALKWAY PADS
 - 357 OVERFLOW SCUPPER
 - 363 FLAT SEAM, SOLDERED COPPER ROOFING
 - 364 PREFINISHED .063 ALUMINUM BREAK METAL FASCIA
 - 375 CREATE DRAINAGE PATTERN USING P-1 WOOD SHIMS UNDER PLYWOOD DECK - SEE NOTES 373 AND 374
 - 376 .063 ANODIZED ALUMINUM BREAK METAL COPING
 - 377 PREFINISHED .063 ALUMINUM BREAK METAL COPING
 - 378 GRAVEL GUARD AND FASCIA
 - 379 EXPANSION FLASHING
 - 383 SUPPORT POST FOR FUTURE HVAC EQUIPMENT
 - 723 HVAC EQUIPMENT - SEE MECHANICAL
 - 726 FUTURE HVAC EQUIPMENT - SEE MECHANICAL
 - 727 PIPING FOR FUTURE ROOFTOP HVAC EQUIPMENT - PROVIDE CURB AND FLASHING CAP FOR PENETRATION AS DETAILED
 - 728 BOILER AND WATER HEATER FLUES - PROVIDE THIMBLE AT ROOF PENETRATION AS DETAILED
 - 729 ANCHOR FLUES TO PARAPET - SEE HVAC DRAWINGS

2 FLASHING DETAIL @ EQUIPMENT RAILS & CURBS
A1.8 1 1/2" = 1'-0"

3 PLUMBING STACK DETAIL
A1.8 1 1/2" = 1'-0"



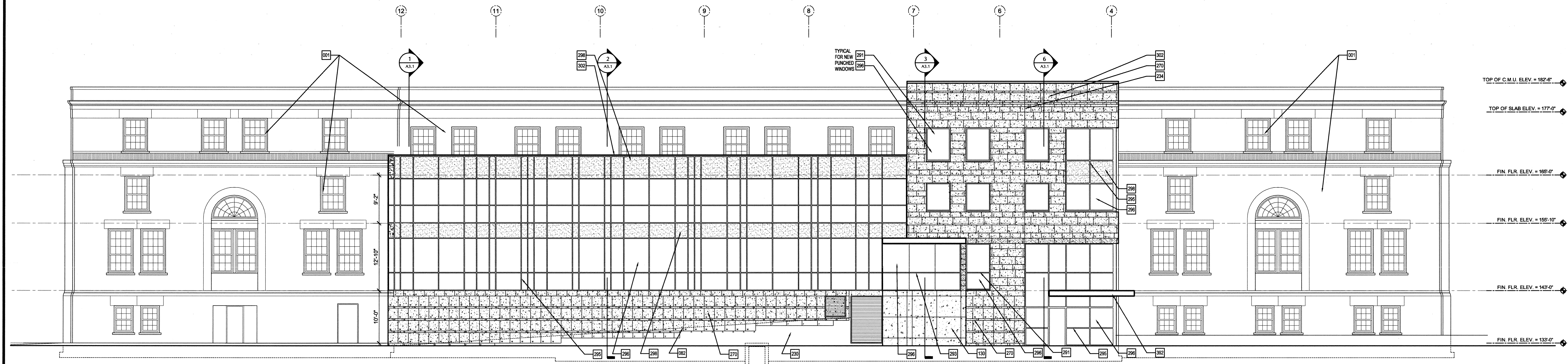
1 ROOF PLAN
A1.8 1/8" = 1'-0"
0 4' 8' 16'

Murphy & Dittenhafer
ARCHITECTS
226 West Market Street, York, Pennsylvania 17402
717-845-4547
800 North Charles Street, Baltimore, Maryland 21201
410-525-4525
410-525-4547 Fax

CONSULTANT
ARCHITECTURAL REGISTRATION
6507-A
STATE OF MARYLAND

PHASE ONE: ADDITION TO STATE OFFICE BUILDING NO.3
2100 GUILFORD AVENUE, BALTIMORE, MD 21218
MARYLAND DEPARTMENT OF GENERAL SERVICES

NO.	DATE	DESCRIPTION
1	3/03/06	ROOF PLAN
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1 WEST BUILDING ELEVATION
A2.1 1/8" = 1'-0"

LEGEND FOR UNIT SIZES
FOR HDP-CMU

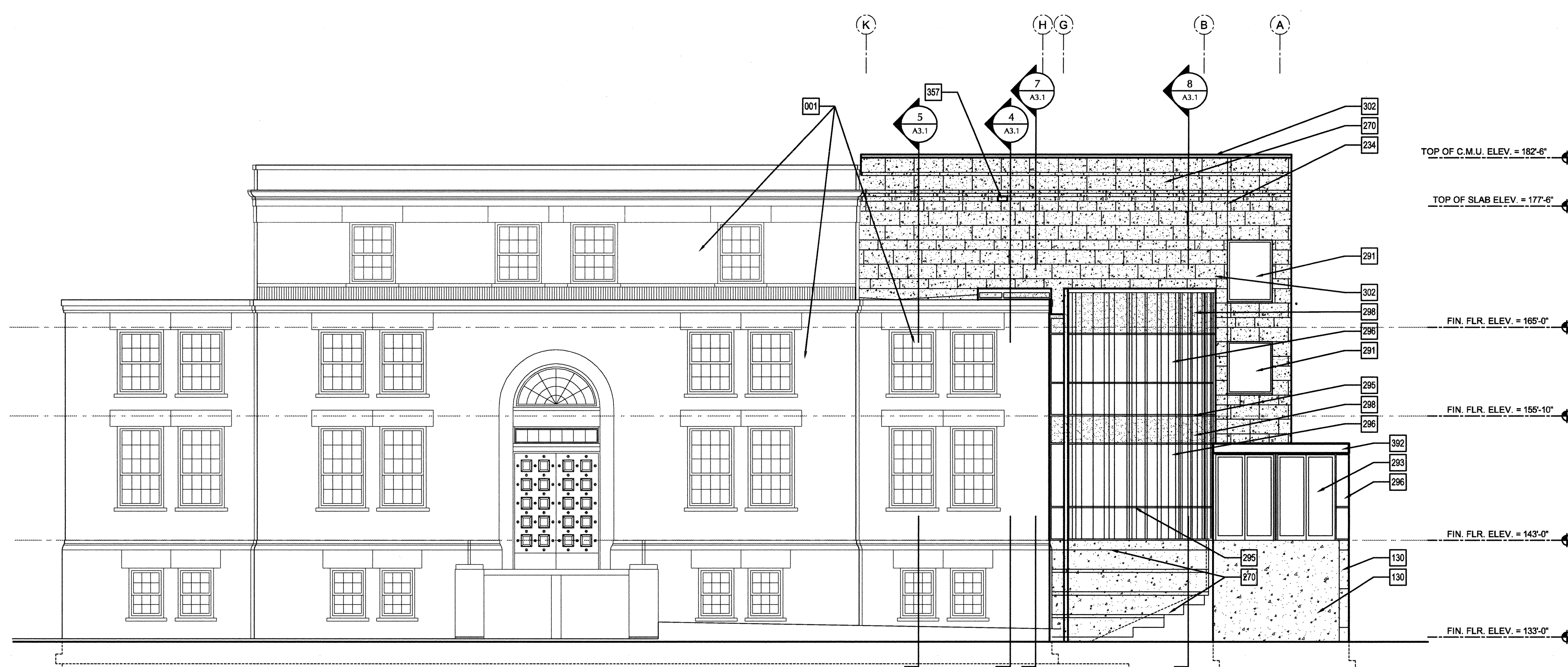
- A 4" H x 24" L
- B 4" H x 36" L
- C 8" H x 24" L
- D 8" H x 36" L
- E 12" H x 24" L
- F 12" H x 36" L
- G 16" H x 32" L
- H 12" H x 16" L CORNER
- J 12" H x 22" L CORNER
- K 18" H x 36" L
- L 18" H x 22" L CORNER
- M 24" H x 24" L
- N 24" H x 36" L

- TEXTURE 1
- TEXTURE 2

KEYED NOTES

EVERY NOTE LISTED BELOW MAY NOT BE USED ON THIS DRAWING SHEET. FOR ANY NOTE USED ON THIS SHEET BUT NOT LISTED BELOW, REFER TO THE KEYED NOTE MASTER LIST ON SHEET CS-2.

- 001 EXISTING CONSTRUCTION
- 082 NEW FINISH GRADE
- 130 CAST-IN-PLACE CONCRETE WALL
- 230 4" CONCRETE MASONRY UNITS
- 234 MASONRY VERTICAL CONTROL JOINT
- 270 HIGH DENSITY PREFINISHED CONCRETE MASONRY UNITS (HDP-CMU) - SEE ELEVATIONS FOR FINISH
- 291 TWO-PIECE THERMAL ALUMINUM STOREFRONT
- 293 OUTSIDE, PRESSURE GLAZED LOW-RISE ALUMINUM CURTAIN WALL SYSTEM FOR STRUCTURAL SEALANT GLAZING
- 295 OUTSIDE, PRESSURE GLAZED LOW-RISE ALUMINUM CURTAIN WALL SYSTEM
- 296 1" INSULATED GLASS PANEL
- 298 1/2" SPANDREL GLASS PANEL
- 302 PREFINISHED .063 ALUMINUM BRAKE METAL COPING
- 310 1 1/4" STONE VENEER ON STAINLESS STEEL ANCHORAGE / SUPPORT SYSTEM
- 357 OVERFLOW SQUIPPER
- 392 ALUMINUM FASCIA



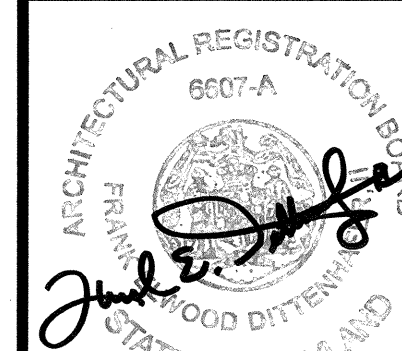
2 NORTH BUILDING ELEVATION
A2.1 1/8" = 1'-0"



3 EAST ELEVATION
A2.1 1/8" = 1'-0"

Murphy & Dittenhafer
ARCHITECTS
226 West Market Street, York, Pennsylvania 17401
800 North Charles Street, Baltimore, Maryland 21201
410-425-4623 Voice 410-425-4614 Fax 717-843-0467 Fax

CONSULTANT



PHASE ONE: ADDITION TO STATE OFFICE BUILDING NO.3
2100 GUILFORD AVENUE, BALTIMORE, MD 21218
MARYLAND DEPARTMENT OF GENERAL SERVICES

NO.	DATE	DESCRIPTION

CAD DWG FILE: 03183
DRAWN BY: TGD
CHECKED BY: JPS
PROJECT NO BB-621-003-001
DATE: 3/03/06

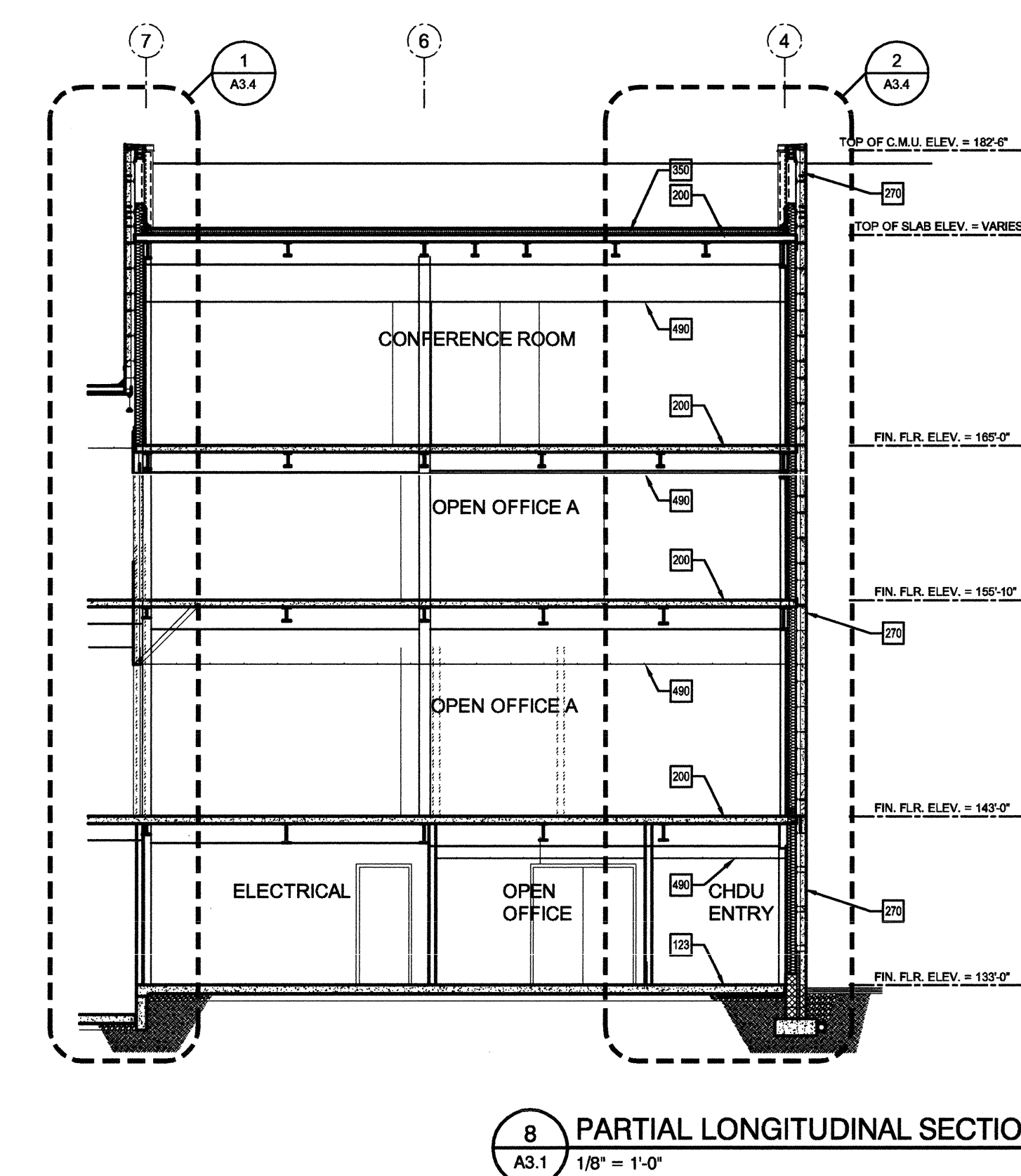
BUILDING
ELEVATIONS

A2.1

SHEET 28 OF 91

EVERY NOTE LISTED BELOW MAY NOT BE USED ON THIS DRAWING SHEET. FOR ANY NOTE USED ON THIS SHEET BUT NOT LISTED BELOW, REFER TO THE KEYED NOTE MASTER LIST ON SHEET CS-2.

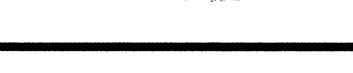
- Murphy & Dittenhafer**
A R C H I T E C T S

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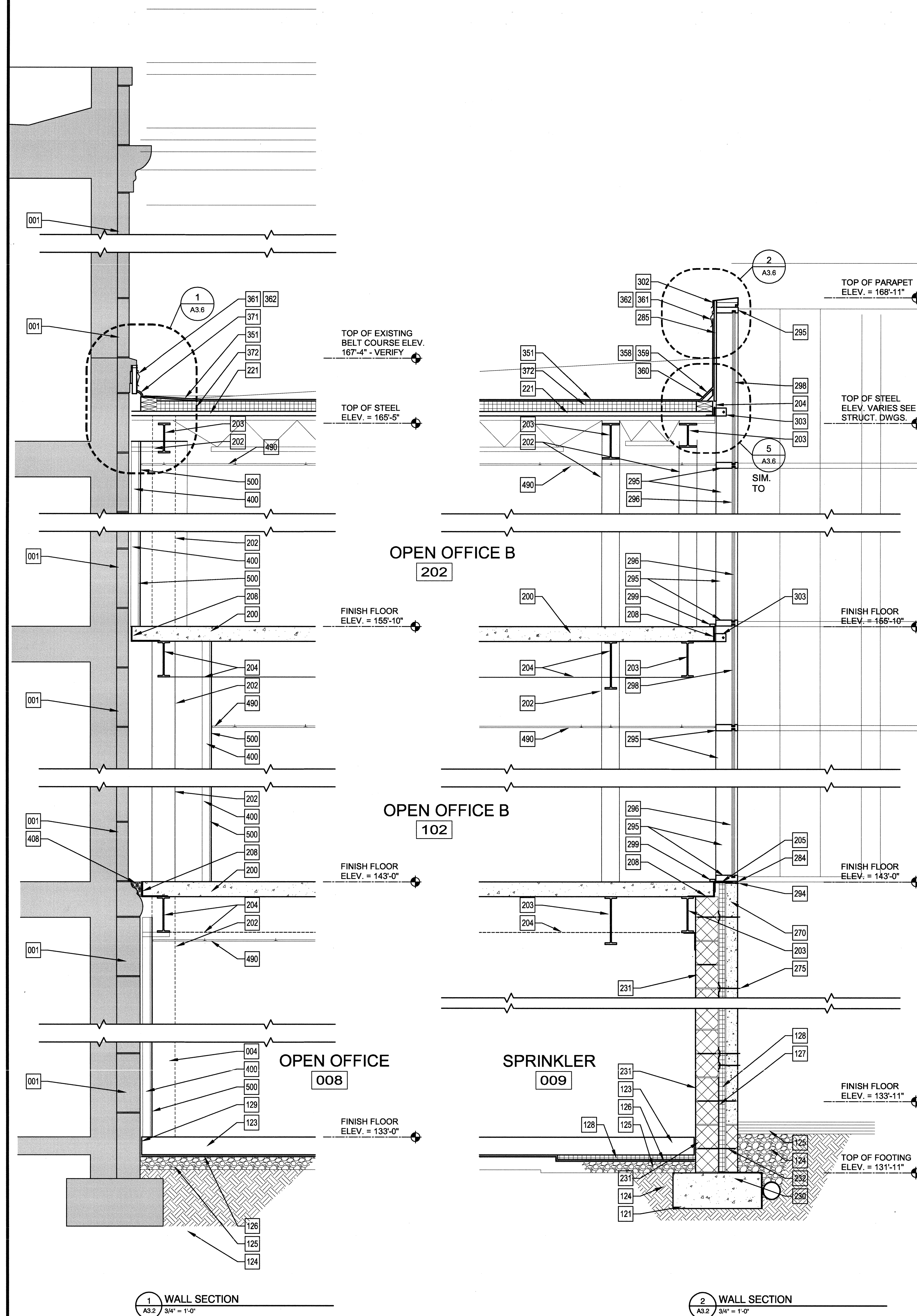
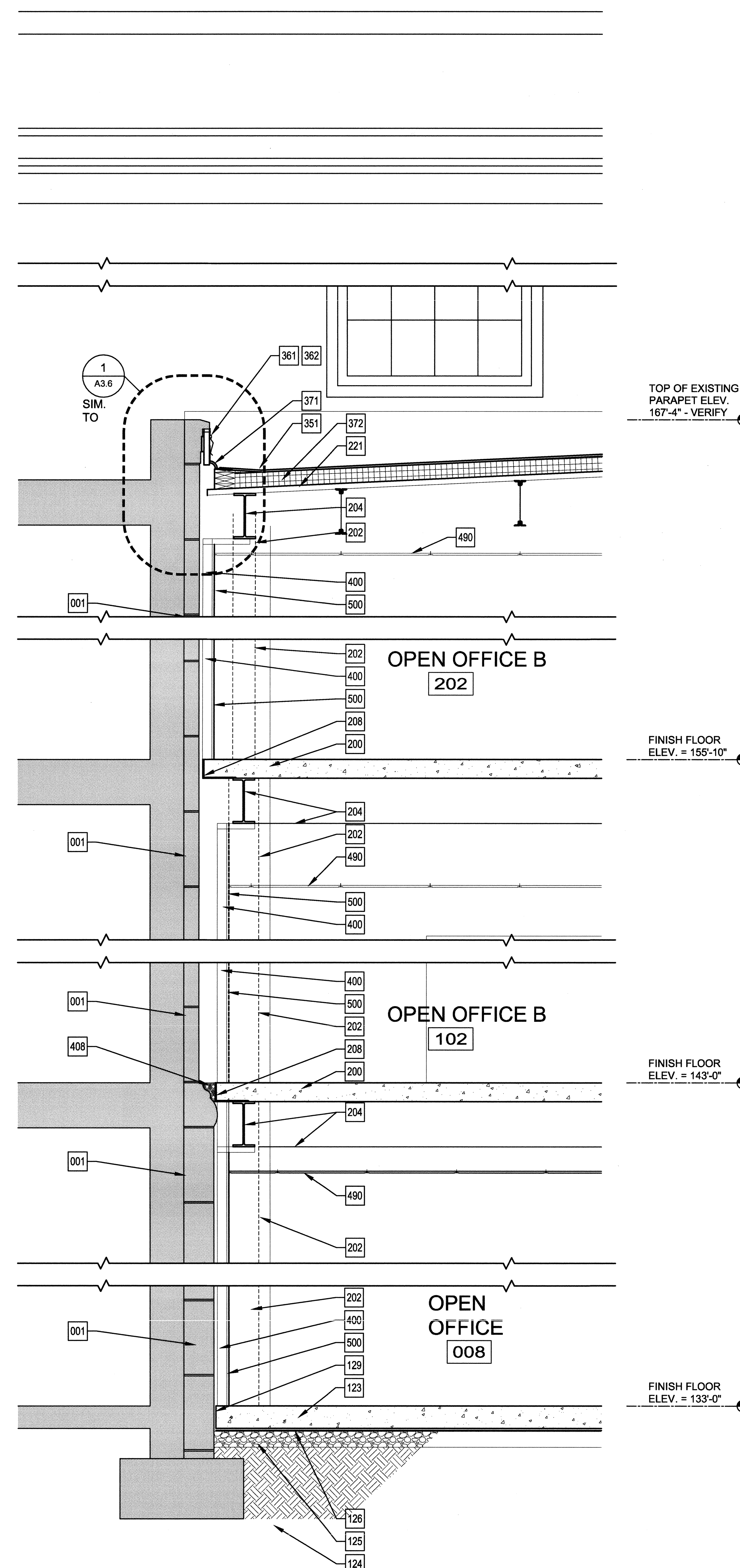
EVERY NOTE LISTED BELOW MAY NOT BE USED ON THIS
DRAWING SHEET. FOR ANY NOTE USED ON THIS SHEET BUT
NOT LISTED BELOW, REFER TO THE KEYED NOTE MASTER
LIST ON SHEET CS-2.

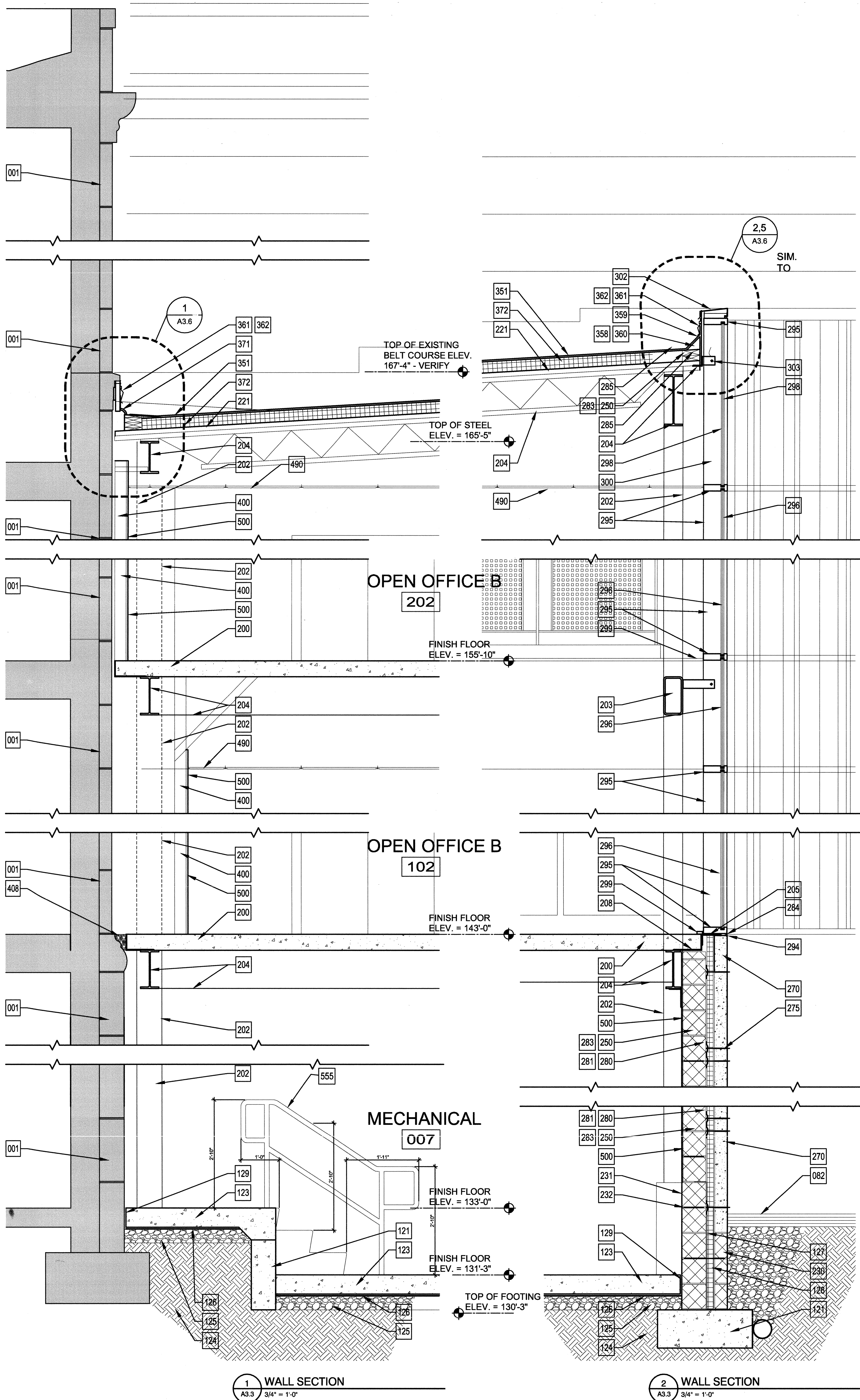
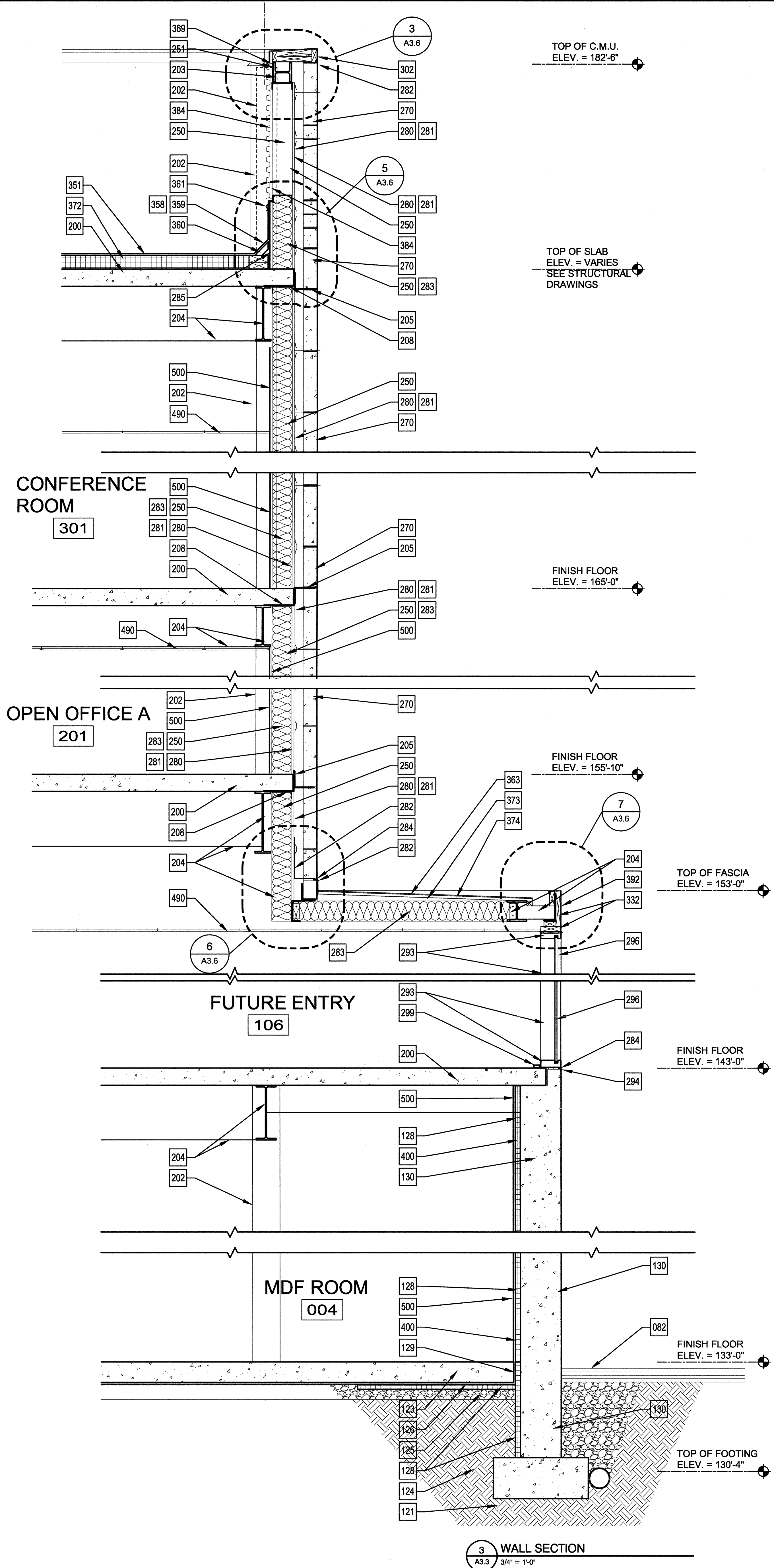
- 568 1 1/2" DIAMETER RAILING AND POSTS - SET POSTS
IN SLEEVE OR CORE DRILL SLAB TO RECEIVE
POST (PAINTED STEEL AT BASE BID, STAINLESS
STEEL AT ALTERNATE BID)

CONSULTANT



PHASE ONE: ADDITION TO STATE OFFICE BUILDING NO.3
2100 GUILFORD AVENUE, BALTIMORE, MD 21218
MARYLAND DEPARTMENT OF GENERAL SERVICES

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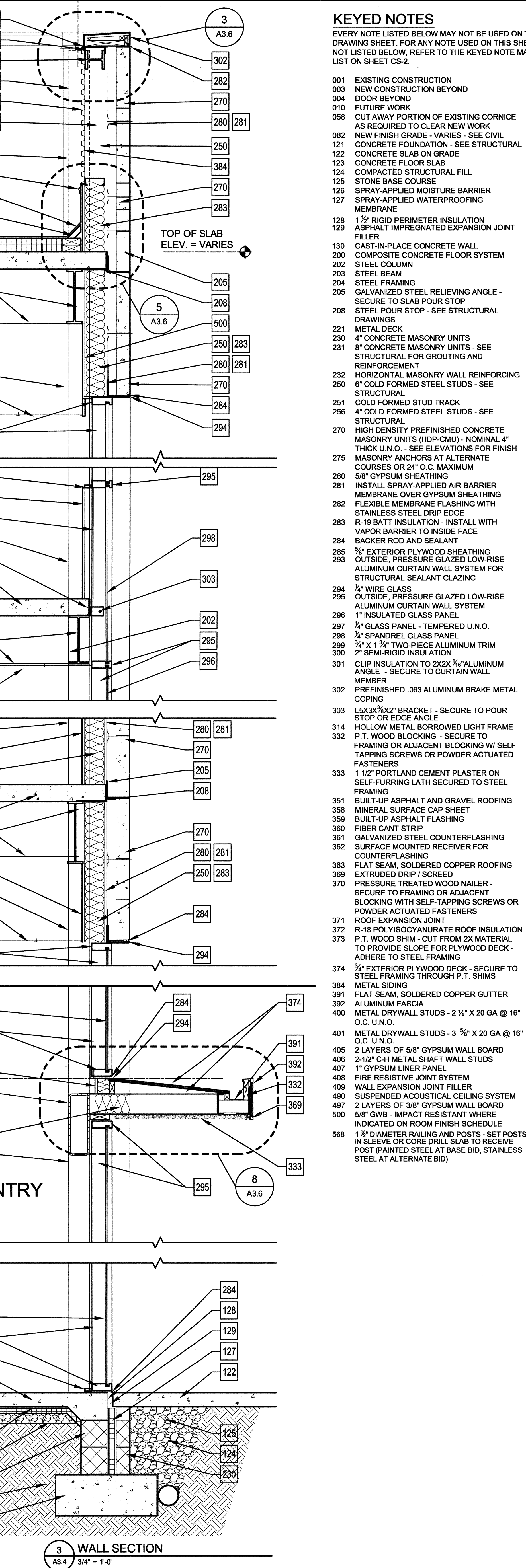
- KEYED NOTES**
- EVERY NOTE LISTED BELOW MAY NOT BE USED ON THIS DRAWING SHEET. FOR ANY NOTE USED ON THIS SHEET BUT NOT LISTED BELOW, REFER TO THE KEYED NOTE MASTER LIST ON SHEET CS-2.
- 001 EXISTING CONSTRUCTION
 - 003 NEW CONSTRUCTION BEYOND
 - 004 DOOR BEYOND
 - 010 FUTURE WORK
 - 058 CUT AWAY PORTION OF EXISTING CORNICE AS REQUIRED TO CLEAR NEW WORK
 - 082 NEW FINISH GRADE - VARIES - SEE CIVIL
 - 121 CONCRETE FOUNDATION - SEE STRUCTURAL
 - 122 CONCRETE SLAB ON GRADE
 - 123 CONCRETE FLOOR SLAB
 - 124 COMPACTED STRUCTURAL FILL
 - 125 STONE BASE COURSE
 - 126 SPRAY-APPLIED MOISTURE BARRIER
 - 127 SPRAY-APPLIED WATERPROOFING MEMBRANE
 - 128 1/2" RIGID PERIMETER INSULATION
 - 129 ASPHALT IMPREGNATED EXPANSION JOINT FILLER
 - 130 CAST-IN-PLACE CONCRETE WALL
 - 200 COMPOSITE CONCRETE FLOOR SYSTEM
 - 202 STEEL COLUMN
 - 203 STEEL BEAM
 - 204 STEEL FRAMING
 - 205 GALVANIZED STEEL RELIEVING ANGLE - SECURE TO SLAB POUR STOP
 - 208 STEEL POUR STOP - SEE STRUCTURAL DRAWINGS
 - 211 METAL DECK
 - 231 4" CONCRETE MASONRY UNITS
 - 230 8" CONCRETE MASONRY UNITS - SEE STRUCTURAL FOR GROUTING AND REINFORCEMENT
 - 232 HORIZONTAL MASONRY WALL REINFORCING
 - 250 6" COLD FORMED STEEL STUDS - SEE STRUCTURAL
 - 251 COLD FORMED STUD TRACK
 - 256 4" COLD FORMED STEEL STUDS - SEE STRUCTURAL
 - 270 HIGH DENSITY PREFINISHED CONCRETE MASONRY UNITS (HDP-CMU) - NOMINAL 4" THICK U.N.O. - SEE ELEVATIONS FOR FINISH
 - 275 MASONRY ANCHORS AT ALTERNATE COURSES OR 24" O.C. MAXIMUM
 - 280 5/8" GYPSUM SHEATHING
 - 281 INSTALL SPRAY-APPLIED AIR BARRIER MEMBRANE OVER GYPSUM SHEATHING
 - 282 FLEXIBLE MEMBRANE FLASHING WITH STAINLESS STEEL DRIP EDGE
 - 283 R-19 BATT INSULATION - INSTALL WITH VAPOR BARRIER TO INSIDE FACE
 - 284 BACKER ROD AND SEALANT
 - 285 3/8" EXTERIOR PLYWOOD SHEATHING OUTSIDE, PRESSURE GLAZED LOW-RISE ALUMINUM CURTAIN WALL SYSTEM FOR STRUCTURAL SEALANT GLAZING
 - 294 1/2" WIRE GLASS OUTSIDE, PRESSURE GLAZED LOW-RISE ALUMINUM CURTAIN WALL SYSTEM
 - 296 1" INSULATED GLASS PANEL
 - 297 1/2" GLASS PANEL - TEMPERED U.N.O.
 - 298 1/2" SPANDREL GLASS PANEL
 - 299 3/2" X 1 1/2" TWO-PIECE ALUMINUM TRIM
 - 300 2" SEMI-RIGID INSULATION
 - 301 CLIP INSULATION TO 2X2X 1/2" ALUMINUM ANGLE - SECURE TO CURTAIN WALL MEMBER
 - 302 PREFINISHED .063 ALUMINUM BRAKE METAL COPING
 - 303 15X3X 1/2" BRACKET - SECURE TO POUR STOP OR EDGE ANGLE
 - 314 HOLLOW METAL BORROWED LIGHT FRAME
 - 332 P.T. WOOD BLOCKING - SECURE TO FRAMING OR ADJACENT BLOCKING W/ SELF TAPPING SCREWS OR POWDER ACTUATED FASTENERS
 - 333 1 1/2" PORTLAND CEMENT PLASTER ON SELF-FURRING LATH SECURED TO STEEL FRAMING
 - 351 BUILT-UP ASPHALT AND GRAVEL ROOFING
 - 358 MINERAL SURFACE CAP SHEET
 - 359 BUILT-UP ASPHALT FLASHING
 - 360 FIBER CANT STRIP
 - 361 GALVANIZED STEEL COUNTERFLASHING
 - 362 SURFACE MOUNTED RECEIVER FOR COUNTERFLASHING
 - 363 FLAT SEAM, SOLDERED COPPER ROOFING
 - 369 EXTRUDED DRIP / SCREED
 - 370 PRESSURE TREATED WOOD NAILER - SECURE TO FRAMING OR ADJACENT BLOCKING WITH SELF-TAPPING SCREWS OR POWDER ACTUATED FASTENERS
 - 371 ROOF EXPANSION JOINT
 - 372 R-19 POLYISOCYANURATE ROOF INSULATION
 - 373 P.T. WOOD SHIM - CUT FROM 2X MATERIAL TO PROVIDE SLOPE FOR PLYWOOD DECK - ADHERE TO STEEL FRAMING
 - 374 3/4" EXTERIOR PLYWOOD DECK - SECURE TO STEEL FRAMING THROUGH P.T. SHIMS
 - 384 METAL SIDING
 - 391 FLAT SEAM, SOLDERED COPPER GUTTER
 - 392 ALUMINUM FASCIA
 - 400 METAL DRYWALL STUDS - 2 1/2" X 20 GA @ 16" O.C. U.N.O.
 - 401 METAL DRYWALL STUDS - 3 1/2" X 20 GA @ 16" O.C. U.N.O.
 - 405 2 LAYERS OF 5/8" GYPSUM WALL BOARD
 - 406 2-1/2" C-H METAL SHAFT WALL STUDS
 - 407 1" GYPSUM LINER PANEL
 - 408 FIRE RESISTIVE JOINT SYSTEM
 - 409 WALL EXPANSION JOINT FILLER
 - 490 SUSPENDED ACOUSTICAL CEILING SYSTEM
 - 497 2 LAYERS OF 5/8" GYPSUM WALL BOARD
 - 500 5/8" GWB - IMPACT RESISTANT WHERE INDICATED ON ROOM FINISH SCHEDULE
 - 568 1 1/2" DIAMETER RAILING AND POSTS - SET POSTS IN SLEEVE OR CORE DRILL SLAB TO RECEIVE POST (PAINTED STEEL AT BASE BID, STAINLESS STEEL AT ALTERNATE BID)

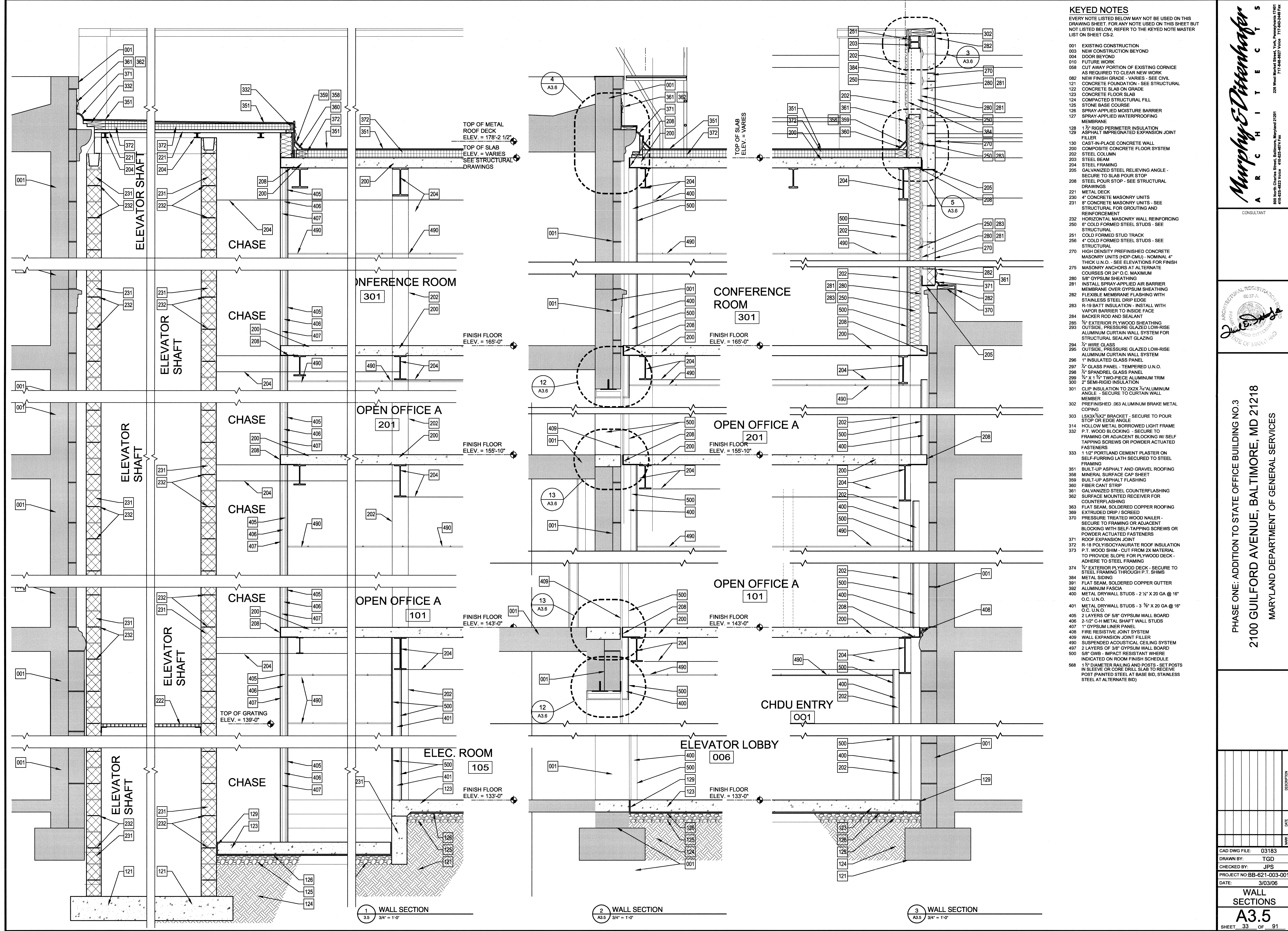
Murphy & Patten
ARCHITECTS
CONSULTANT

PHASE ONE: ADDITION TO STATE OFFICE BUILDING NO.3
2100 GUILFORD AVENUE, BALTIMORE, MD 21218
MARYLAND DEPARTMENT OF GENERAL SERVICES

CAD DWG FILE: 03183
DRAWN BY: TGD
CHECKED BY: JPS
PROJECT NO: BB-621-003-001
DATE: 3/03/06

WALL SECTIONS
A3.3
SHEET 31 OF 91

[illegible]



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001 EXISTING CONSTRUCTION

003 NEW CONSTRUCTION BEYOND

004 DOOR BEYOND

010 FUTURE WORK

058 CUT AWAY PORTION OF EXISTING CORNICE AS REQUIRED TO CLEAR NEW WORK

082 NEW FINISH GRADE - VARIES - SEE CIVIL

121 CONCRETE FOUNDATION - SEE STRUCTURAL

122 CONCRETE SLAB ON GRADE

123 CONCRETE FLOOR SLAB

124 COMPACTED STRUCTURAL FILL

125 STONE BASE COURSE

126 SPRAY-APPLIED MOISTURE BARRIER

127 SPRAY-APPLIED WATERPROOFING MEMBRANE

128 1 1/2" RIGID PERIMETER INSULATION

129 ASPHALT IMPREGNATED EXPANSION JOINT FILLER

130 CAST-IN-PLACE CONCRETE WALL

200 COMPOSITE CONCRETE FLOOR SYSTEM

202 STEEL COLUMN

203 STEEL BEAM

204 STEEL FRAMING

205 GALVANIZED STEEL RELIEVING ANGLE - SECURE TO SLAB POUR STOP

208 STEEL POUR STOP - SEE STRUCTURAL DRAWINGS

221 METAL DECK

230 4" CONCRETE MASONRY UNITS

231 8" CONCRETE MASONRY UNITS - SEE STRUCTURAL FOR GROUTING AND REINFORCEMENT

232 HORIZONTAL MASONRY WALL REINFORCING

250 6" COLD FORMED STEEL STUDS - SEE STRUCTURAL

251 COLD FORMED STUD TRACK

256 4" COLD FORMED STEEL STUDS - SEE STRUCTURAL

270 HIGH DENSITY PREFINISHED CONCRETE MASONRY UNITS (HDP-CMU) - NOMINAL 4" THICK U.N.O. - SEE ELEVATIONS FOR FINISH

275 MASONRY ANCHORS AT ALTERNATE COURSES OR 24" O.C. MAXIMUM

280 5/8" GYPSUM SHEATHING

281 INSTALL SPRAY-APPLIED AIR BARRIER MEMBRANE OVER GYPSUM SHEATHING

282 FLEXIBLE MEMBRANE FLASHING WITH STAINLESS STEEL DRIP EDGE

283 R-19 BATT INSULATION - INSTALL WITH VAPOR BARRIER TO INSIDE FACE

284 BACKER ROD AND SEALANT

285 3/4" EXTERIOR PLYWOOD SHEATHING

293 OUTSIDE, PRESSURE GLAZED LOW-RISE ALUMINUM CURTAIN WALL SYSTEM FOR STRUCTURAL SEALANT GLAZING

294 3/4" WIRE GLASS

295 OUTSIDE, PRESSURE GLAZED LOW-RISE ALUMINUM CURTAIN WALL SYSTEM

296 1" INSULATED GLASS PANEL

297 3/4" GLASS PANEL - TEMPERED U.N.O.

298 3/4" SPANDREL GLASS PANEL

299 3/4" X 1 1/4" TWO-PIECE ALUMINUM TRIM

300 2" SEMI-RIGID INSULATION

301 CLIP INSULATION TO 2X2X 3/4" ALUMINUM ANGLE - SECURE TO CURTAIN WALL MEMBER

302 PREFINISHED .063 ALUMINUM BRAKE METAL COPING

303 15X3X 3/2" BRACKET - SECURE TO POUR STOP OR EDGE ANGLE

314 HOLLOW METAL BORROWED LIGHT FRAME

332 P.T. WOOD BLOCKING - SECURE TO FRAMING OR ADJACENT BLOCKING W/ SELF TAPPING SCREWS OR POWDER ACTUATED FASTENERS

333 1 1/2" PORTLAND CEMENT PLASTER ON SELF-FURRING LATH SECURED TO STEEL FRAMING

351 BUILT-UP ASPHALT AND GRAVEL ROOFING

358 MINERAL SURFACE CAP SHEET

359 BUILT-UP ASPHALT FLASHING

360 FIBER CANT STRIP

361 GALVANIZED STEEL COUNTERFLASHING

362 SURFACE MOUNTED RECEIVER FOR COUNTERFLASHING

363 FLAT SEAM, SOLDERED COPPER ROOFING

369 EXTRUDED DRIP / SCREED

370 PRESSURE TREATED WOOD NAILER - SECURE TO FRAMING OR ADJACENT BLOCKING WITH SELF-TAPPING SCREWS OR POWDER ACTUATED FASTENERS

371 ROOF EXPANSION JOINT

372 R-18 POLYISOCYANURATE ROOF INSULATION

373 P.T. WOOD SHIM - CUT FROM 2X MATERIAL TO PROVIDE SLOPE FOR PLYWOOD DECK - ADHERE TO STEEL FRAMING

374 3/4" EXTERIOR PLYWOOD DECK - SECURE TO STEEL FRAMING THROUGH P.T. SHIMS

384 METAL SIDING

391 FLAT SEAM, SOLDERED COPPER GUTTER

392 ALUMINUM FASCIA

400 METAL DRYWALL STUDS - 2 1/2" X 20 GA @ 16" O.C. U.N.O.

401 METAL DRYWALL STUDS - 3 1/2" X 20 GA @ 16" O.C. U.N.O.

405 2 LAYERS OF 5/8" GYPSUM WALL BOARD

406 2-1/2" G.H. METAL SHAFT WALL STUDS

407 1" GYPSUM LINER PANEL

408 FIRE RESISTIVE JOINT SYSTEM

409 WALL EXPANSION JOINT FILLER

490 SUSPENDED ACOUSTICAL CEILING SYSTEM

497 2 LAYERS OF 3/8" GYPSUM WALL BOARD

500 5/8" G.W.B. - IMPACT RESISTANT WHERE INDICATED ON ROOM FINISH SCHEDULE

568 1 1/2" DIAMETER RAILING AND POSTS - SET POSTS IN SLEEVE OR CORE DRILL SLAB TO RECEIVE POST (PAINTED STEEL AT BASE BID, STAINLESS STEEL AT ALTERNATE BID)

PHASE ONE: ADDITION TO STATE OFFICE BUILDING NO.3

2100 GUILFORD AVENUE, BALTIMORE, MD 21218

MARYLAND DEPARTMENT OF GENERAL SERVICES

CAD DWG FILE: 03183

DRAWN BY: TGD

CHECKED BY: JPS

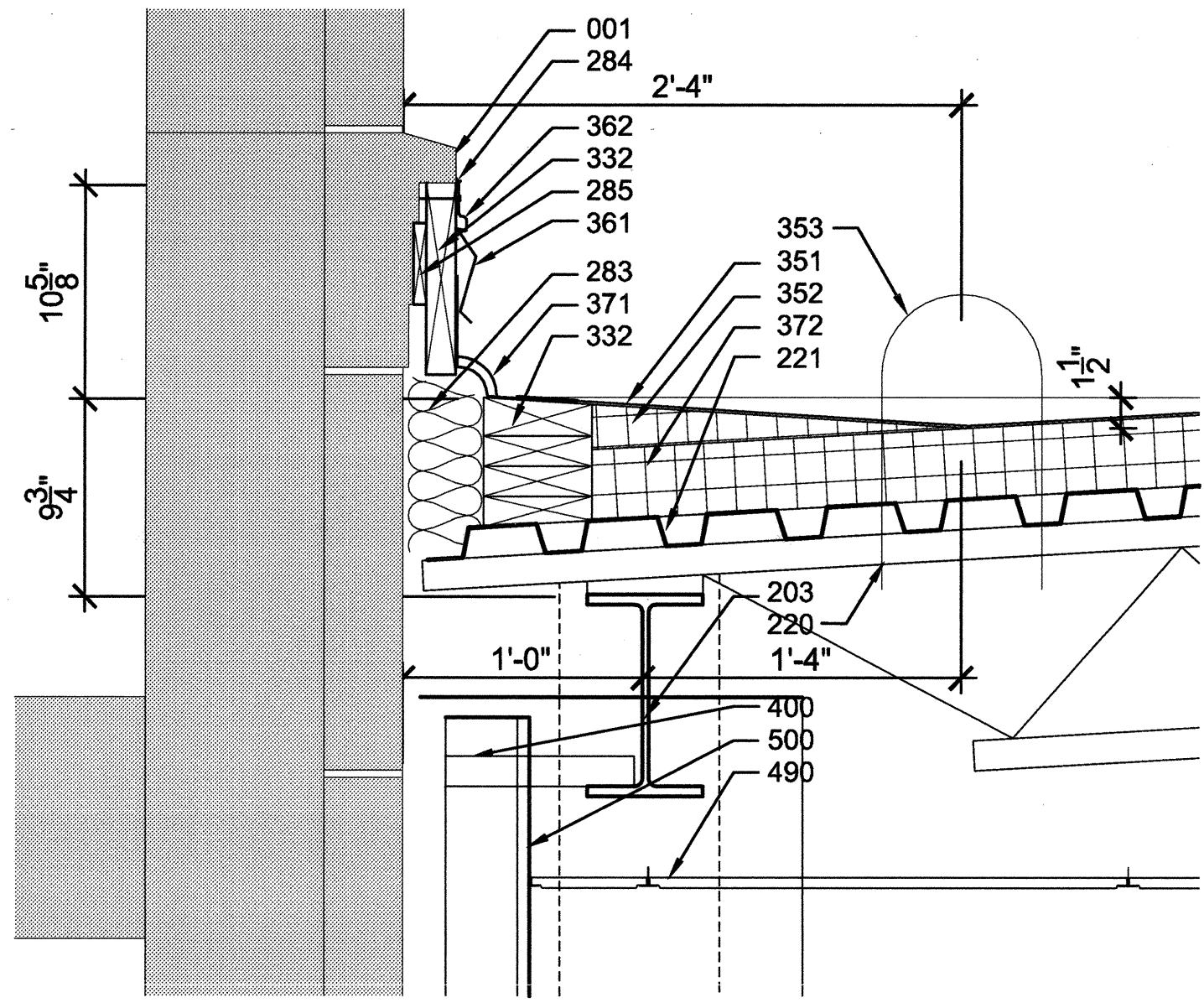
PROJECT NO: BB-621-003-001

DATE: 3/03/06

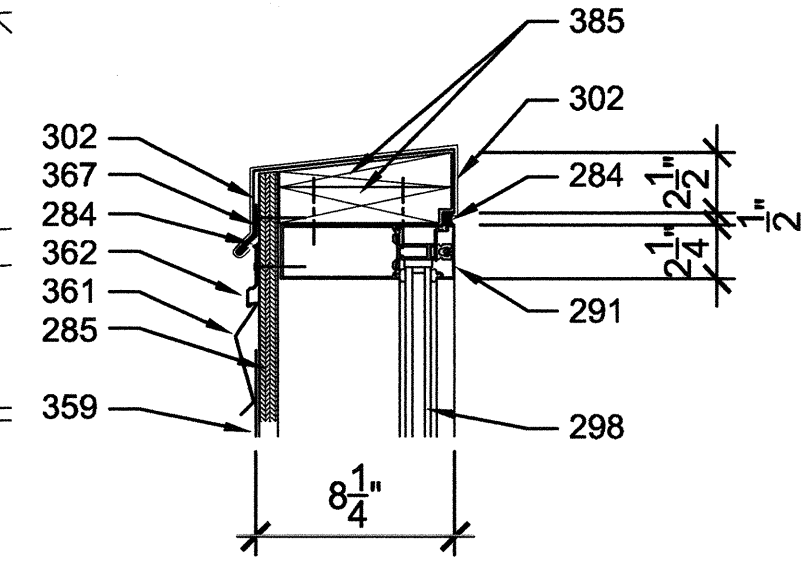
WALL SECTIONS

A3.5

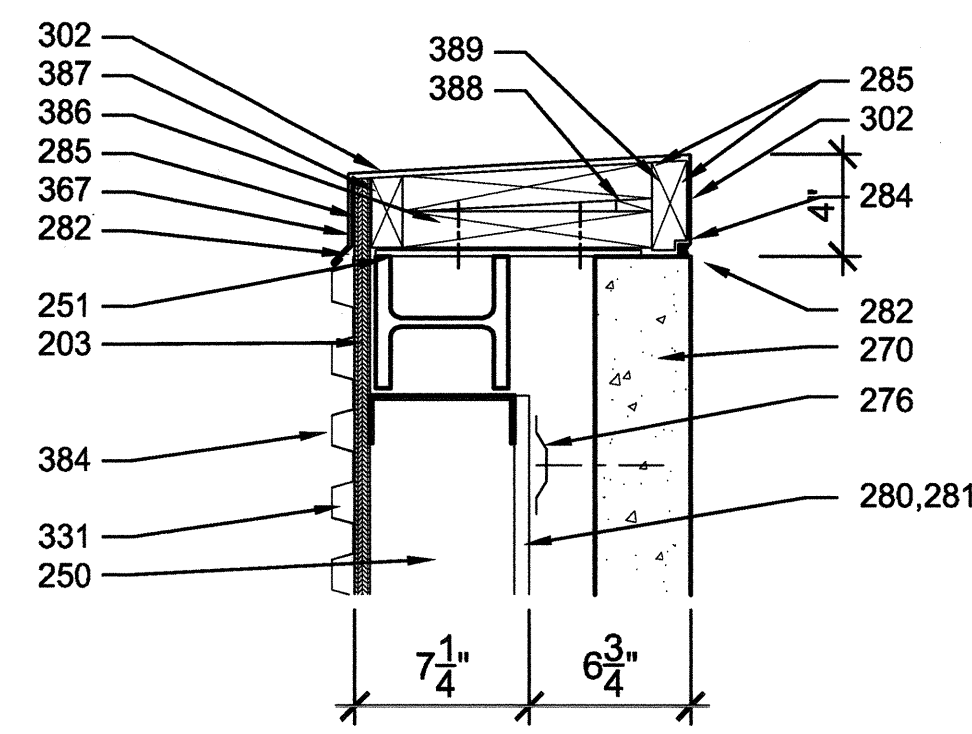
SHEET 33 OF 91



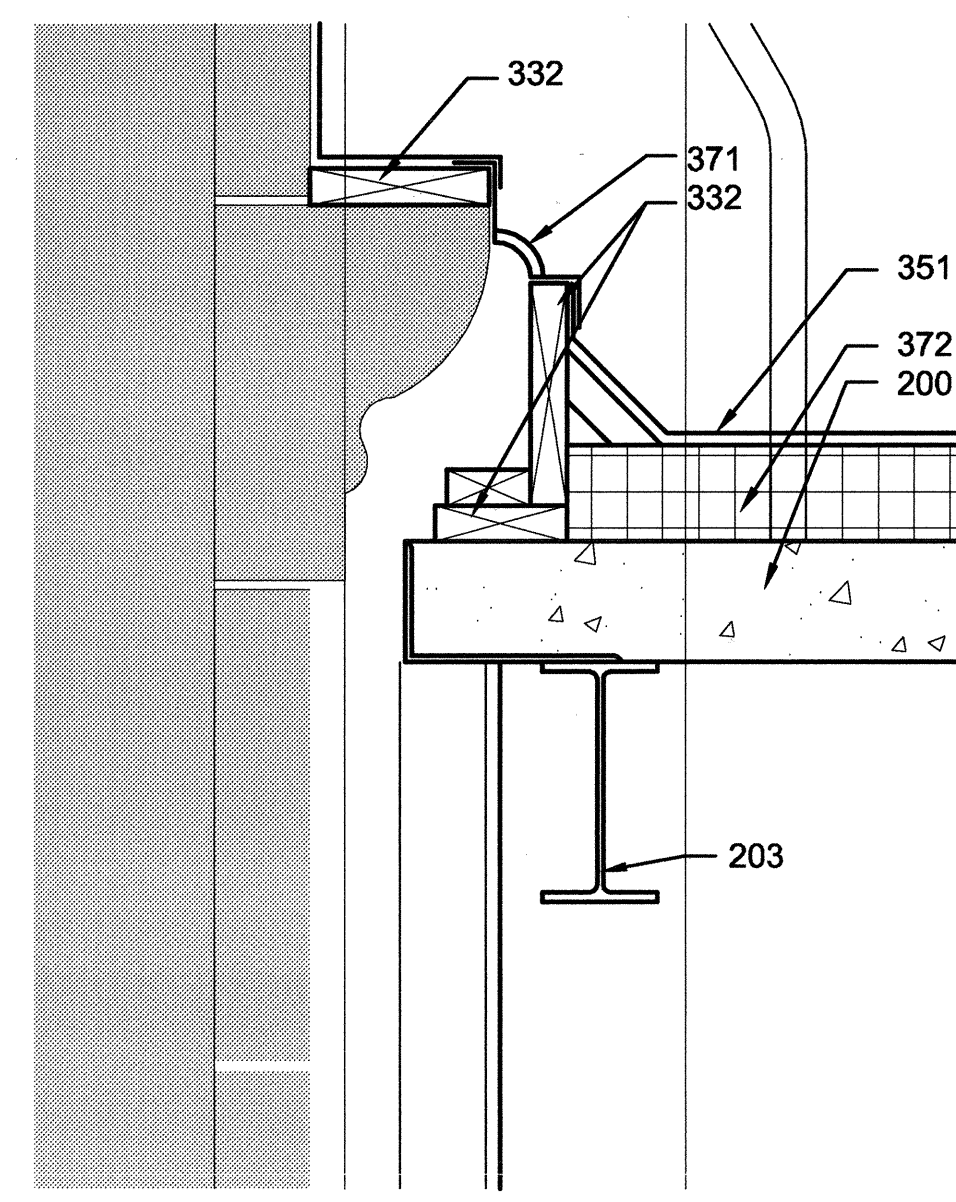
1 ROOF / WALL DETAIL
A3.6 1-1/2" = 1'-0"



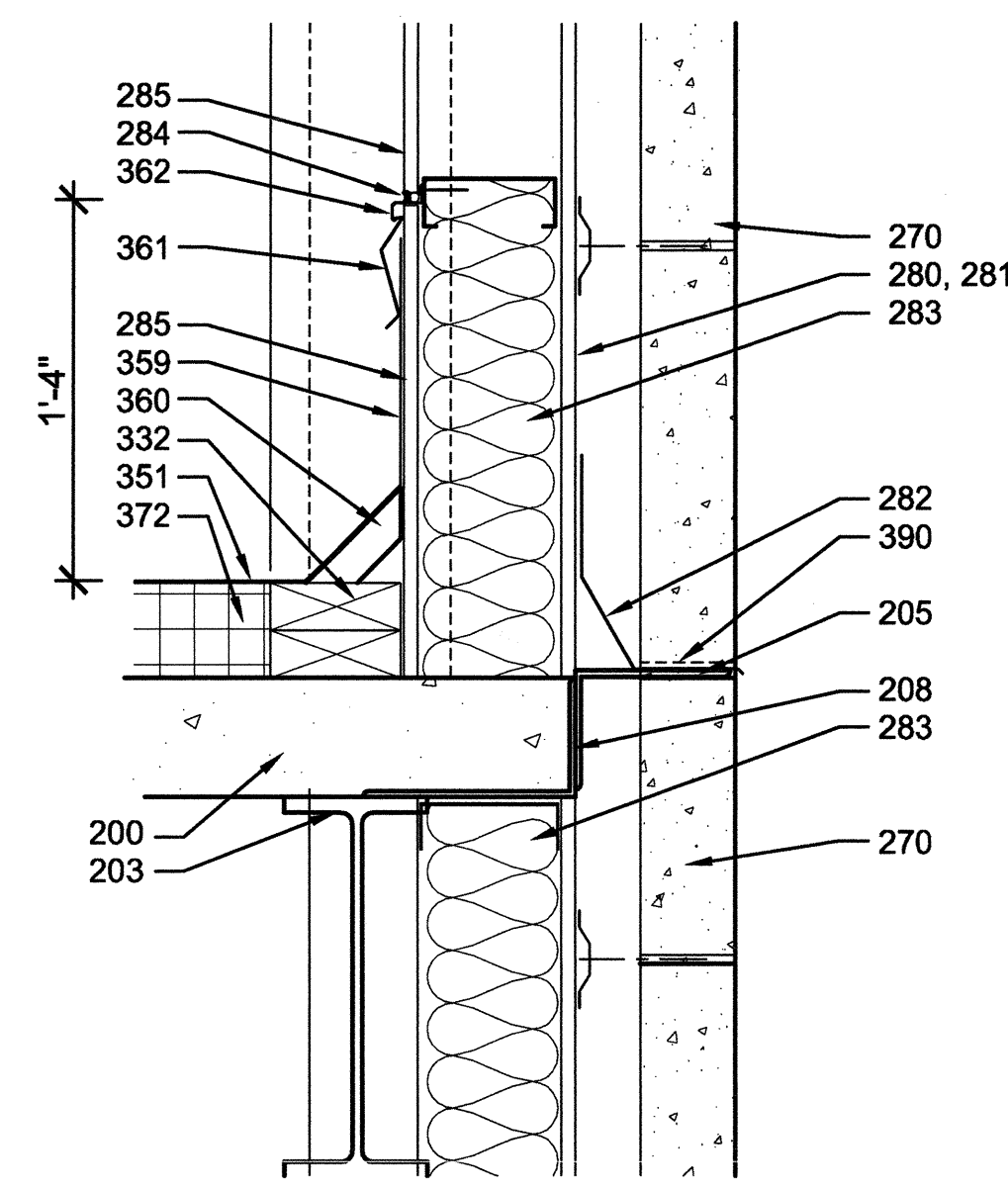
2 WALL CAP DETAIL
A3.6 1-1/2" = 1'-0"



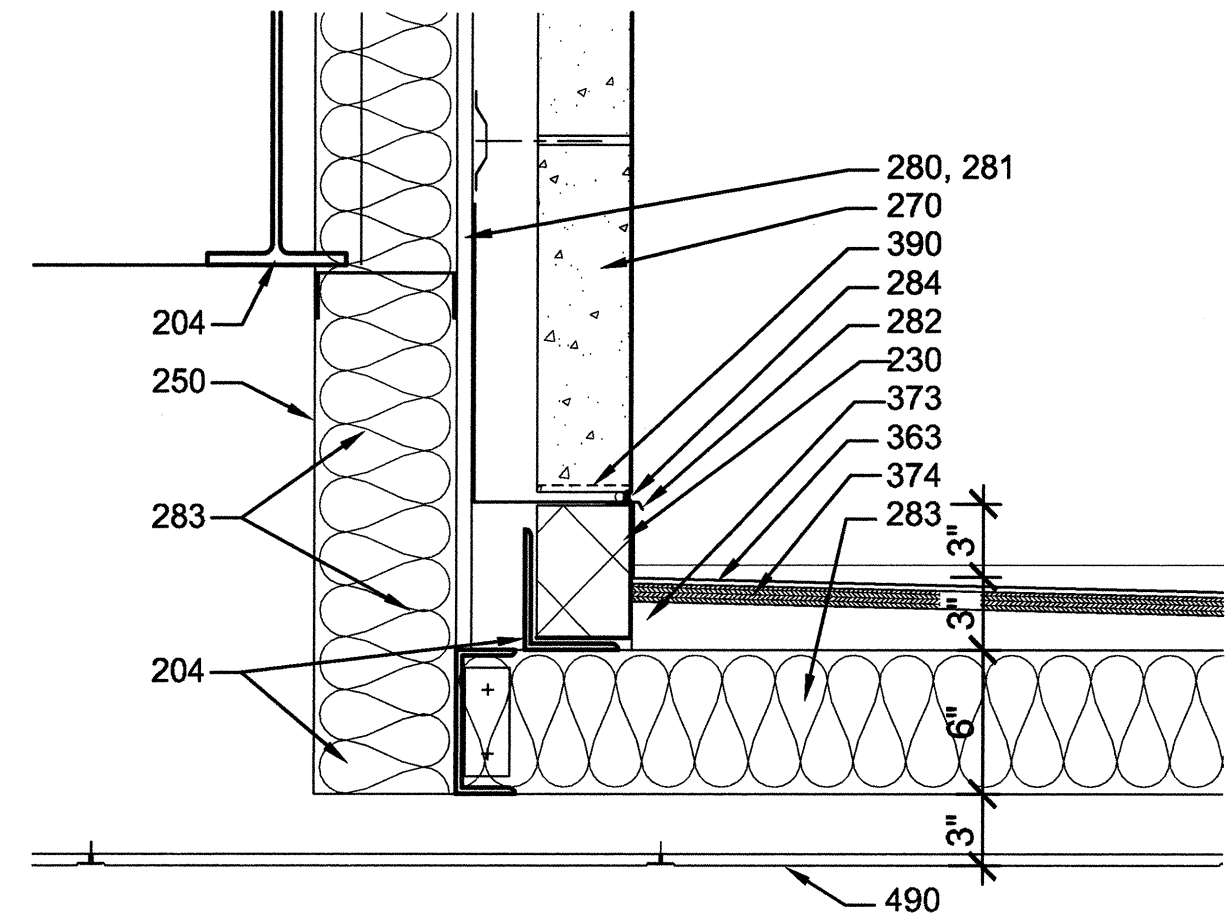
3 WALL CAP DETAIL
A3.6 1-1/2" = 1'-0"



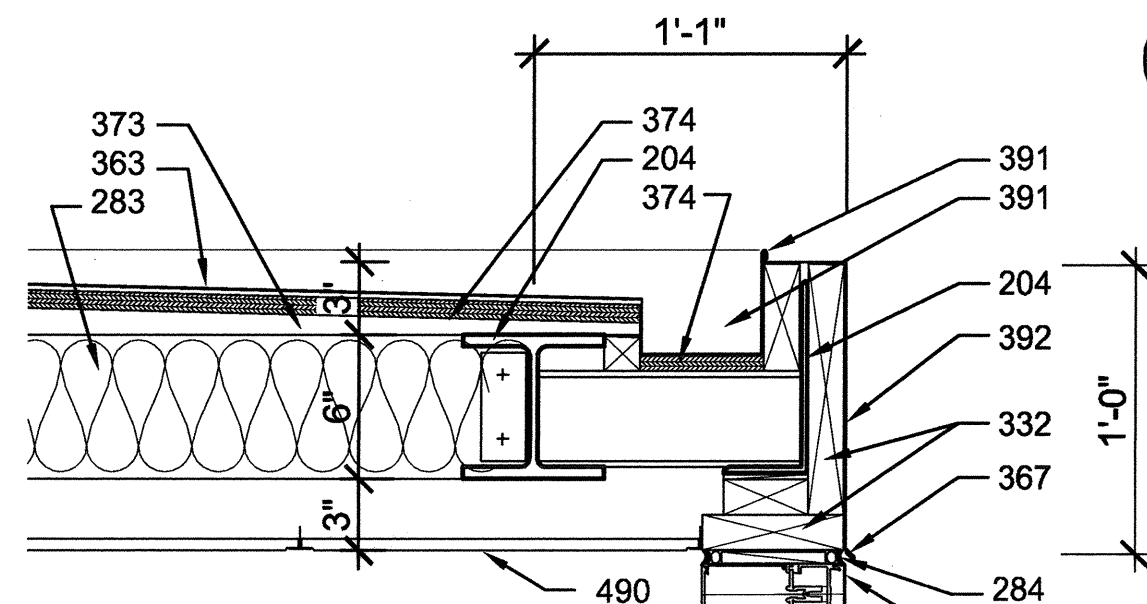
4 ROOF / WALL DETAIL
A3.6 1-1/2" = 1'-0"



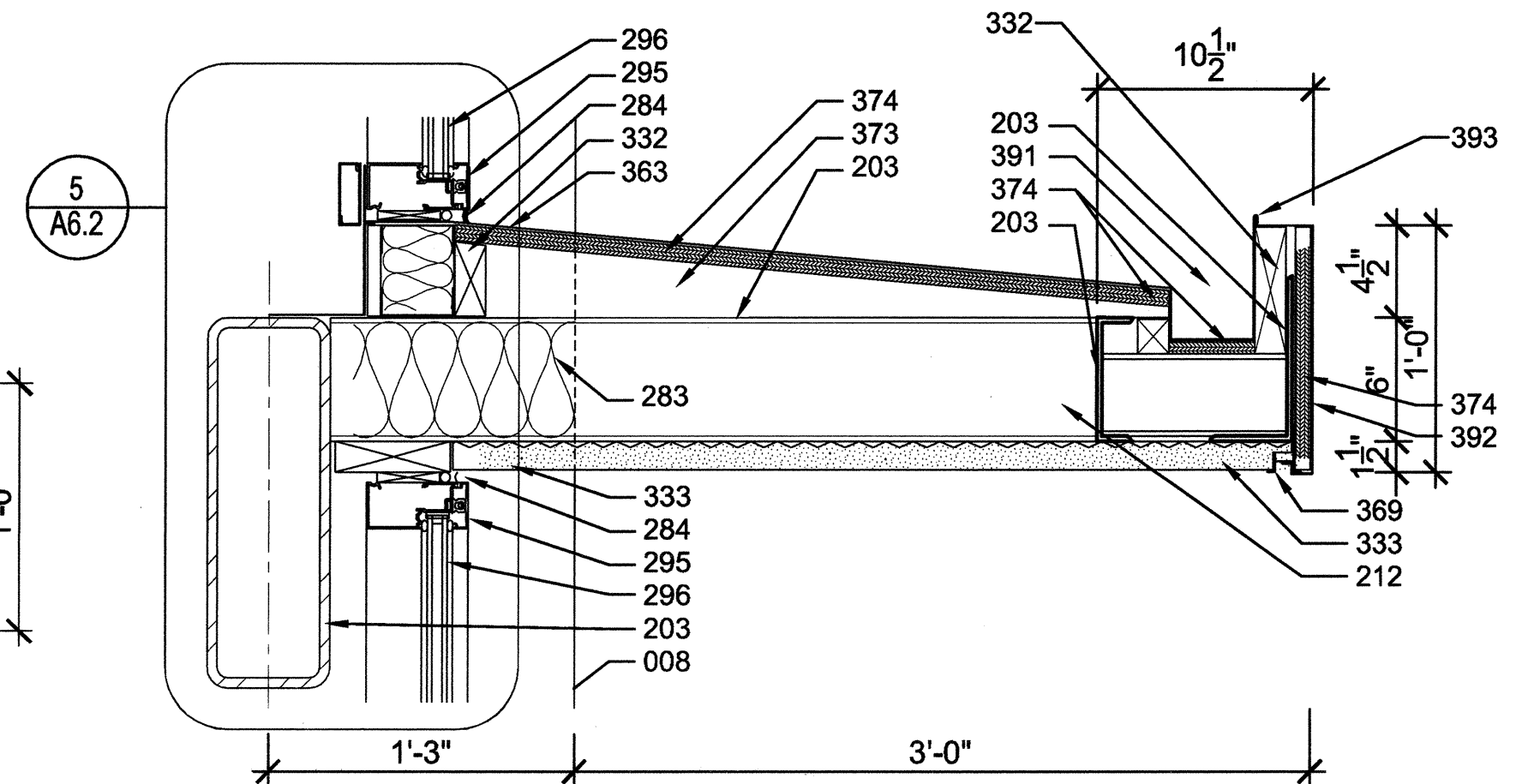
5 ROOF / WALL DETAIL
A3.6 1-1/2" = 1'-0"



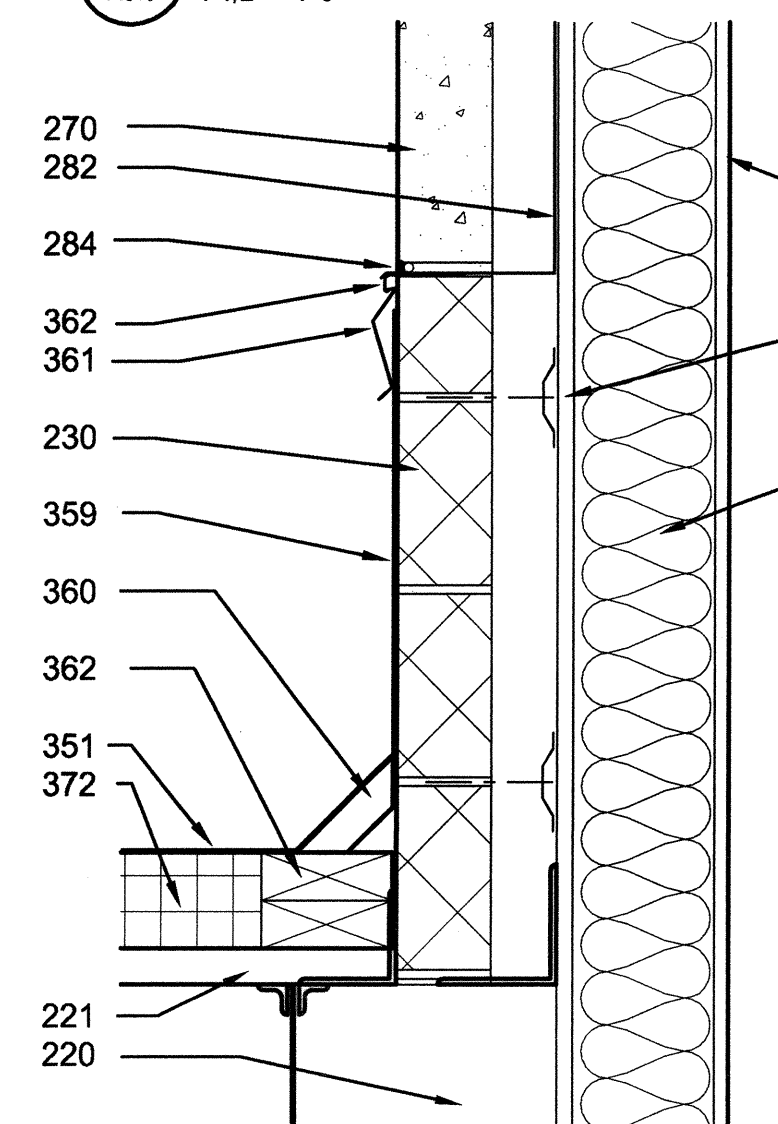
6 ROOF / WALL DETAIL
A3.6 1-1/2" = 1'-0"



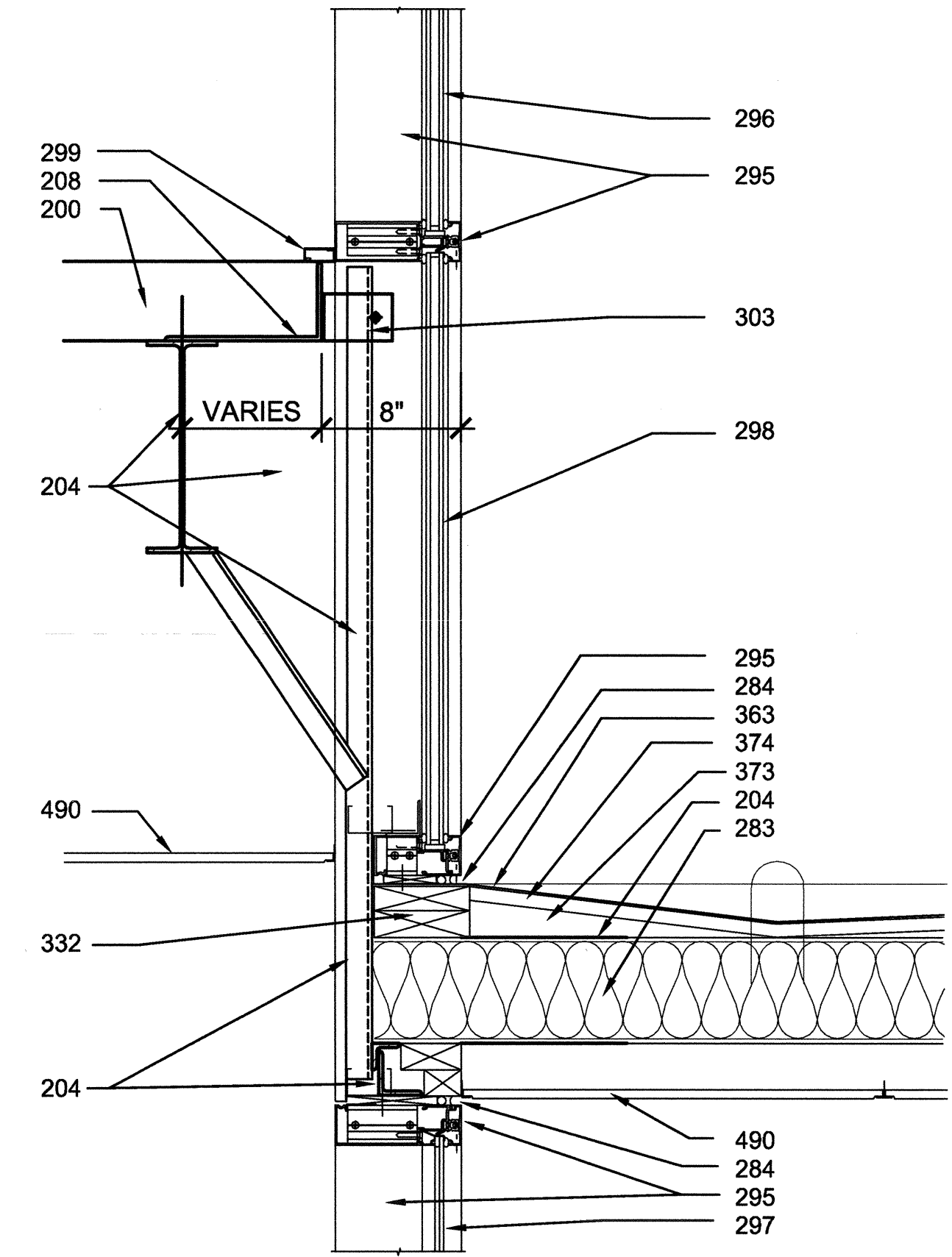
7 ROOF / WALL DETAIL
A3.6 1-1/2" = 1'-0"



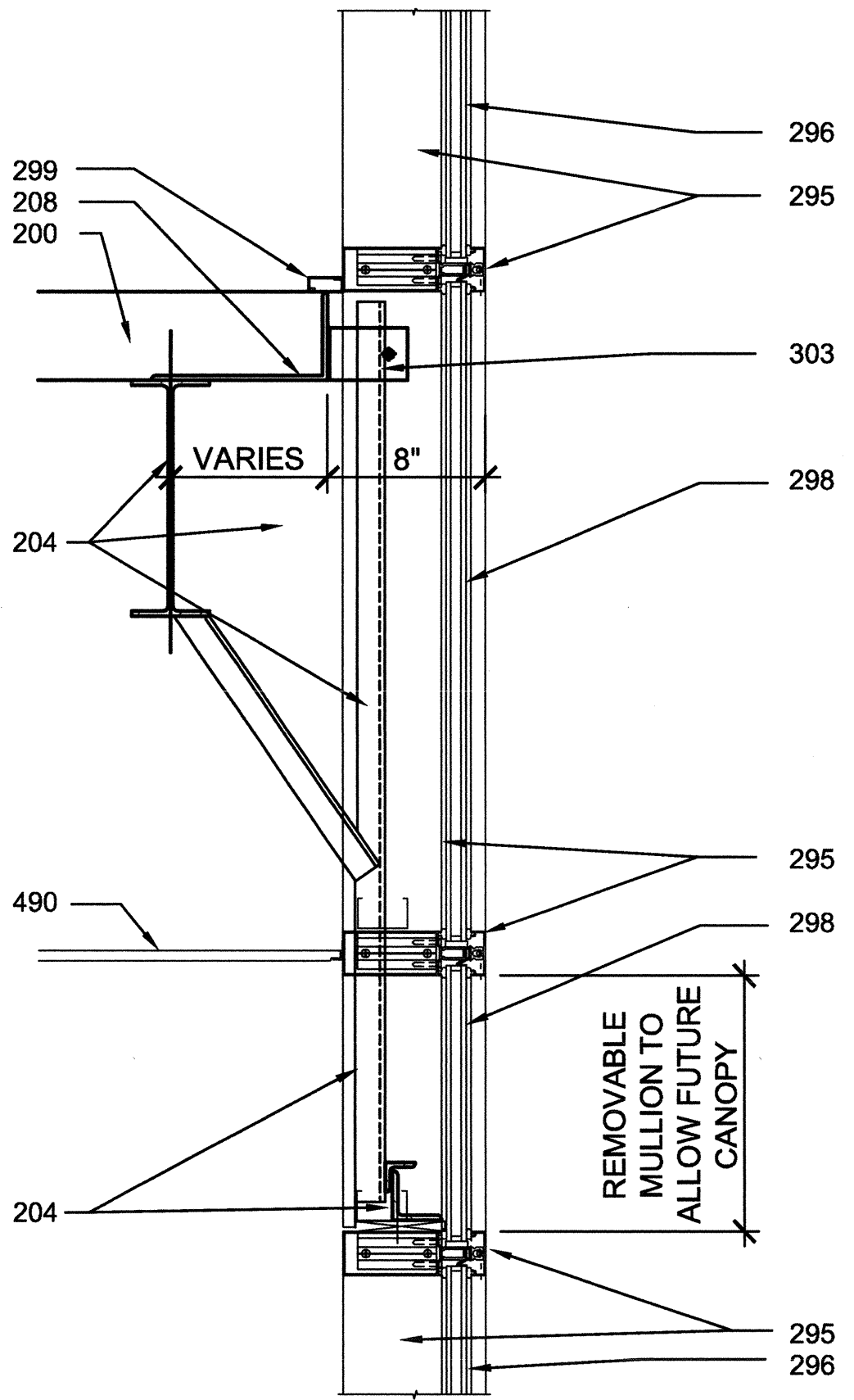
8 ROOF / WALL DETAIL
A3.6 1-1/2" = 1'-0"



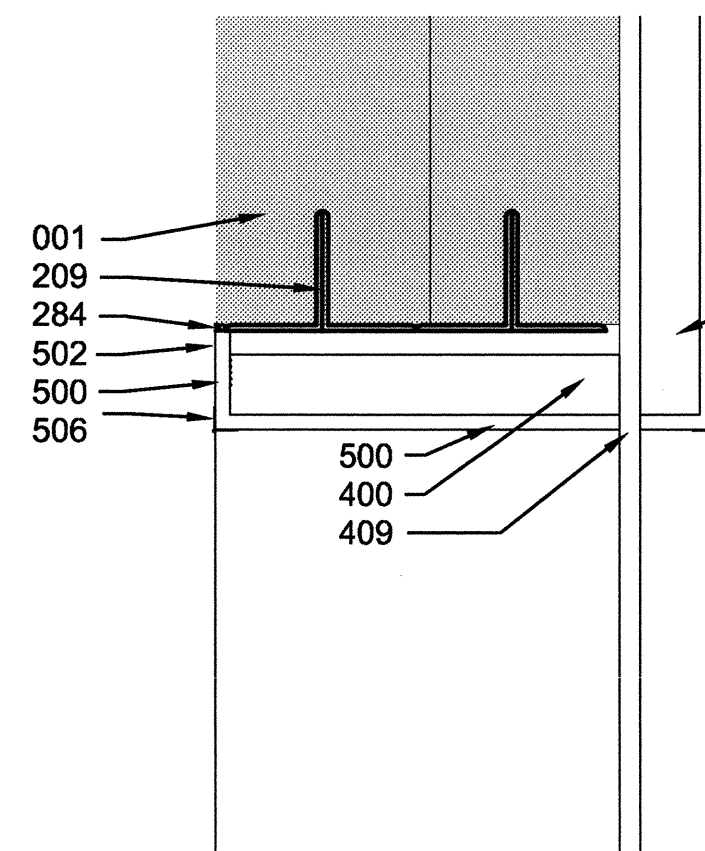
9 ROOF / WALL DETAIL
A3.6 1-1/2" = 1'-0"



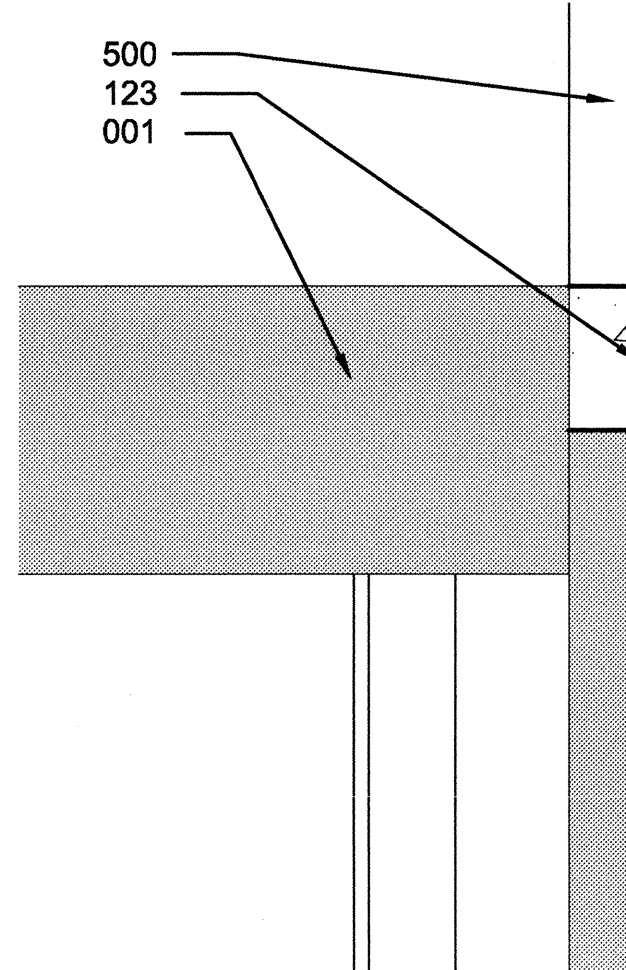
10 ROOF / WALL DETAIL AT CURTAINWALL
A3.6 1-1/2" = 1'-0"



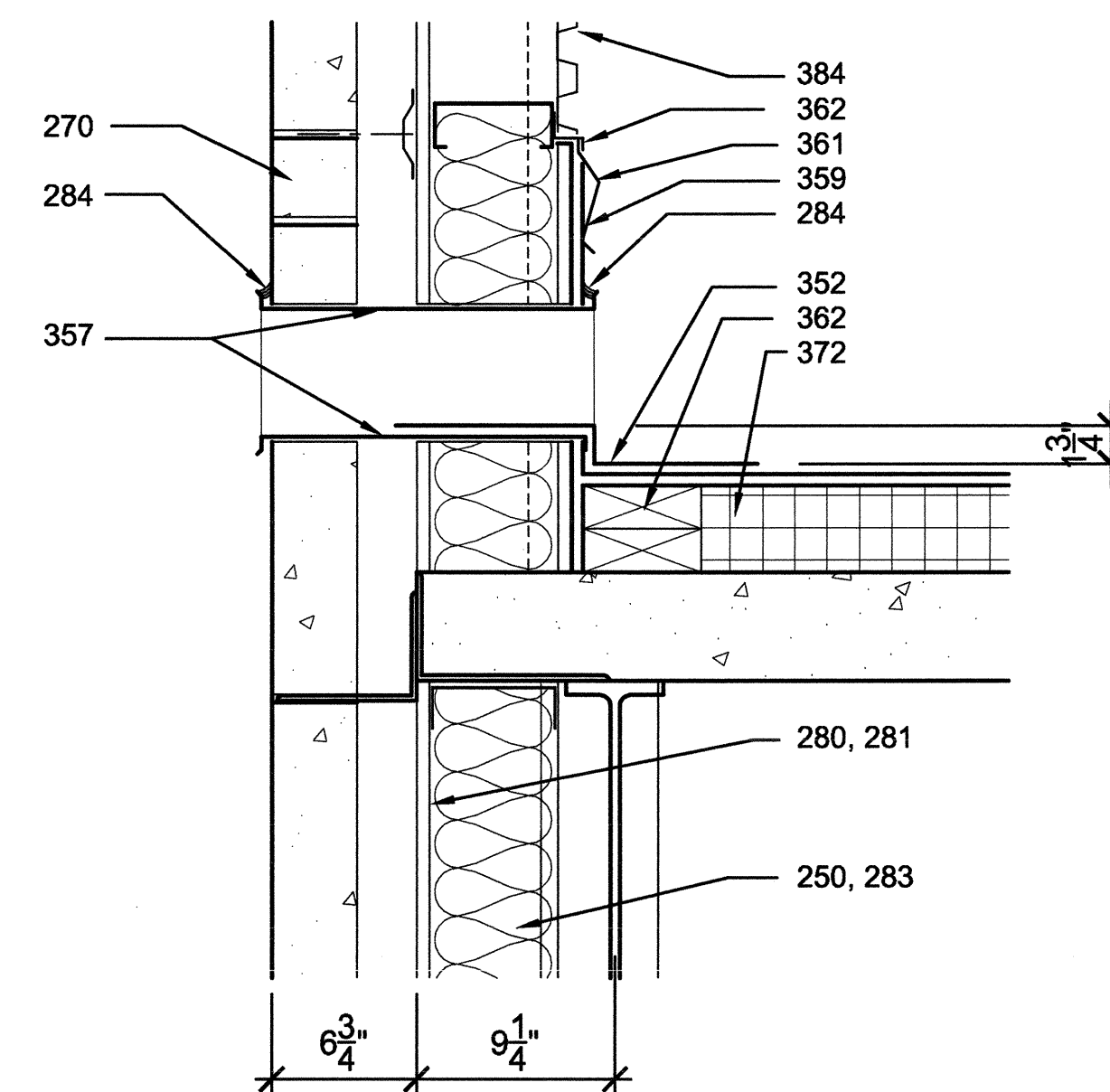
11 DETAIL AT FUTURE CANOPY AND CURTAINWALL
A3.6 1-1/2" = 1'-0"



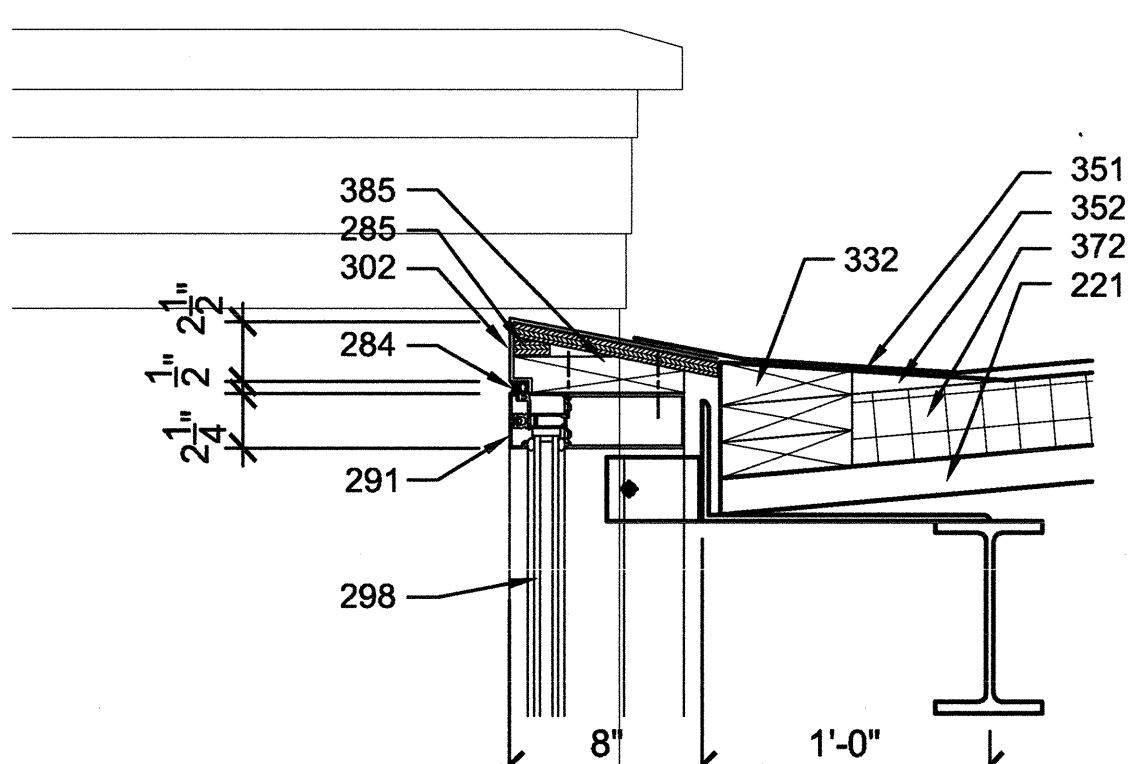
12 HEAD DETAIL NEW OPENING EXISTING WALL
A3.6 1-1/2" = 1'-0"



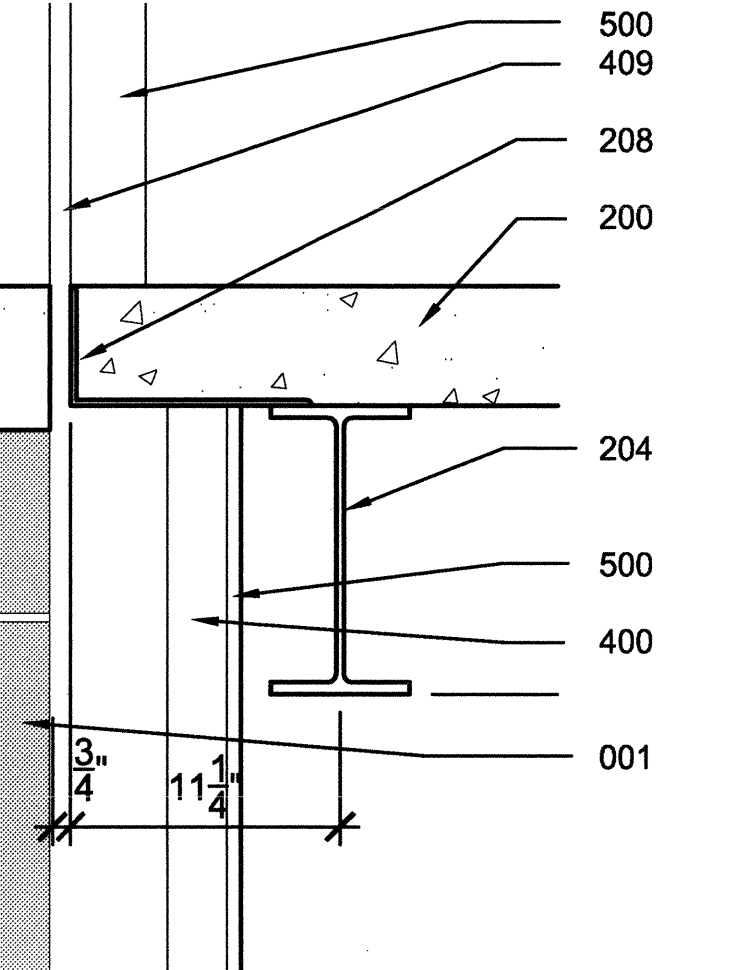
13 SILL DETAIL NEW OPENING EXISTING WALL
A3.6 1-1/2" = 1'-0"



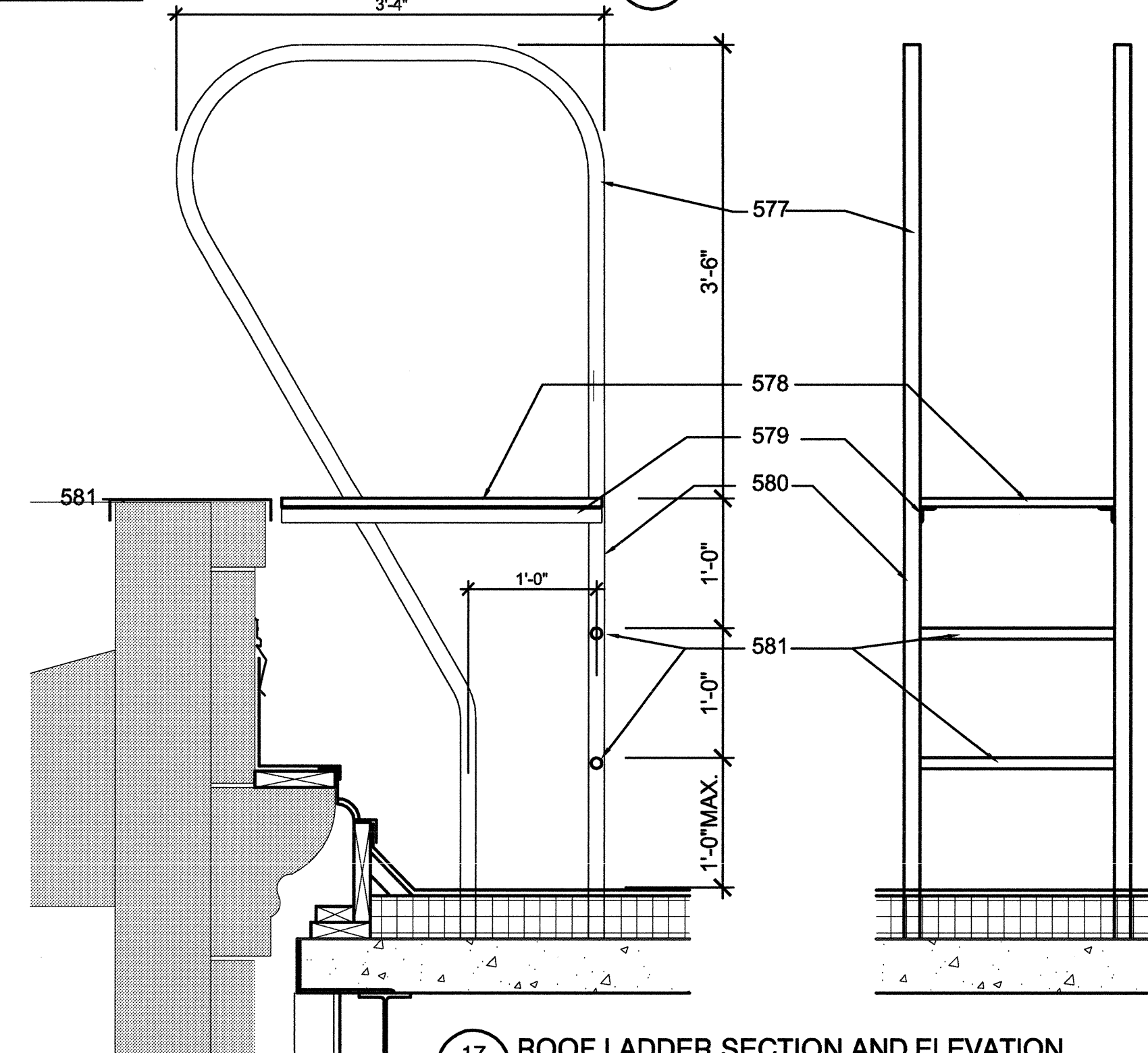
15 OVERFLOW SCUPPER DETAIL @ PARAPET WALL
A3.6 1-1/2" = 1'-0"



14 OVERFLOW SCUPPER DETAIL @ CURTAIN WALL
A3.6 1-1/2" = 1'-0"



16 SOFFITS @ CHANGE IN CEILING HEIGHTS
A3.6 1-1/2" = 1'-0"

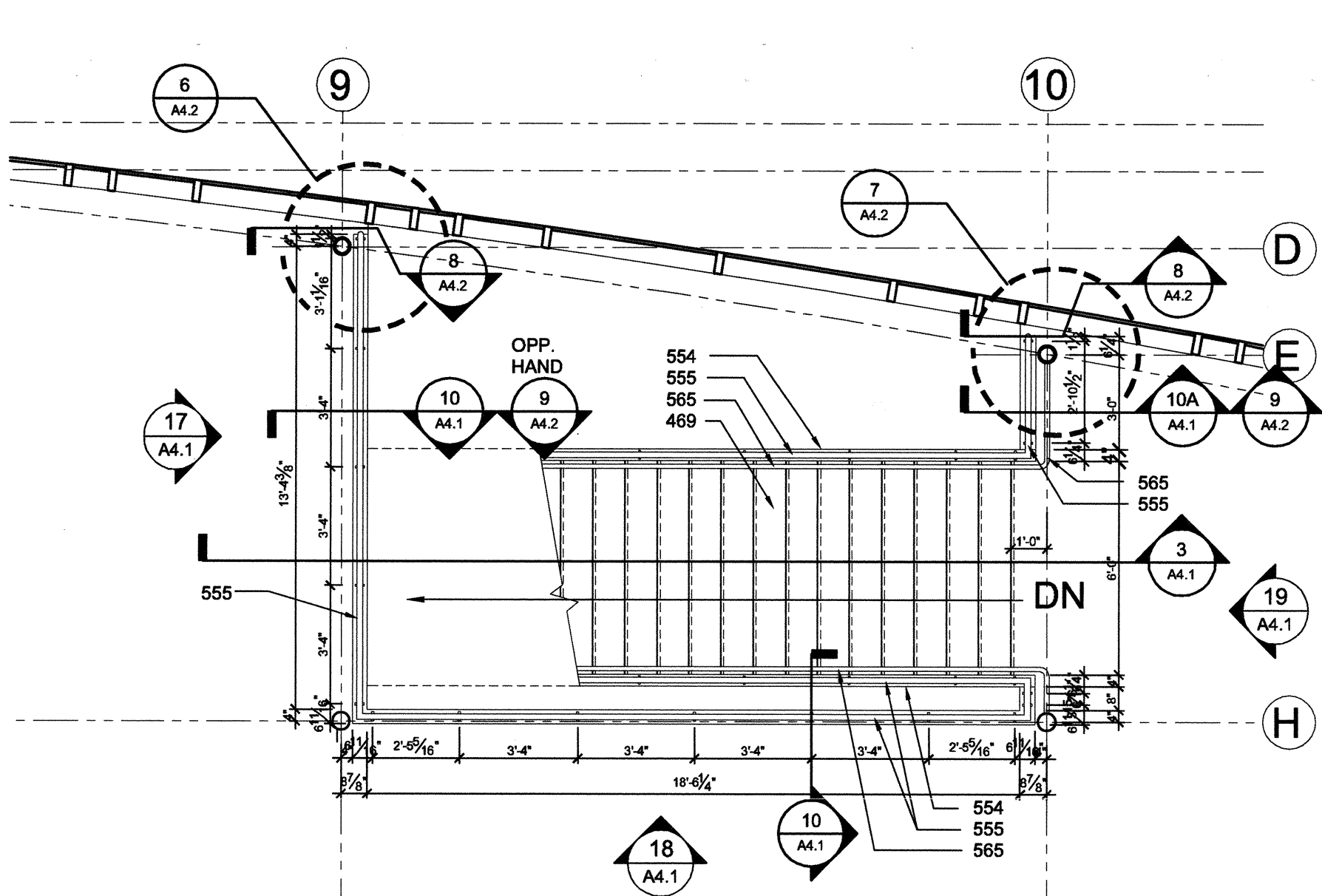


17 ROOF LADDER SECTION AND ELEVATION
A3.6 1" = 1'-0"

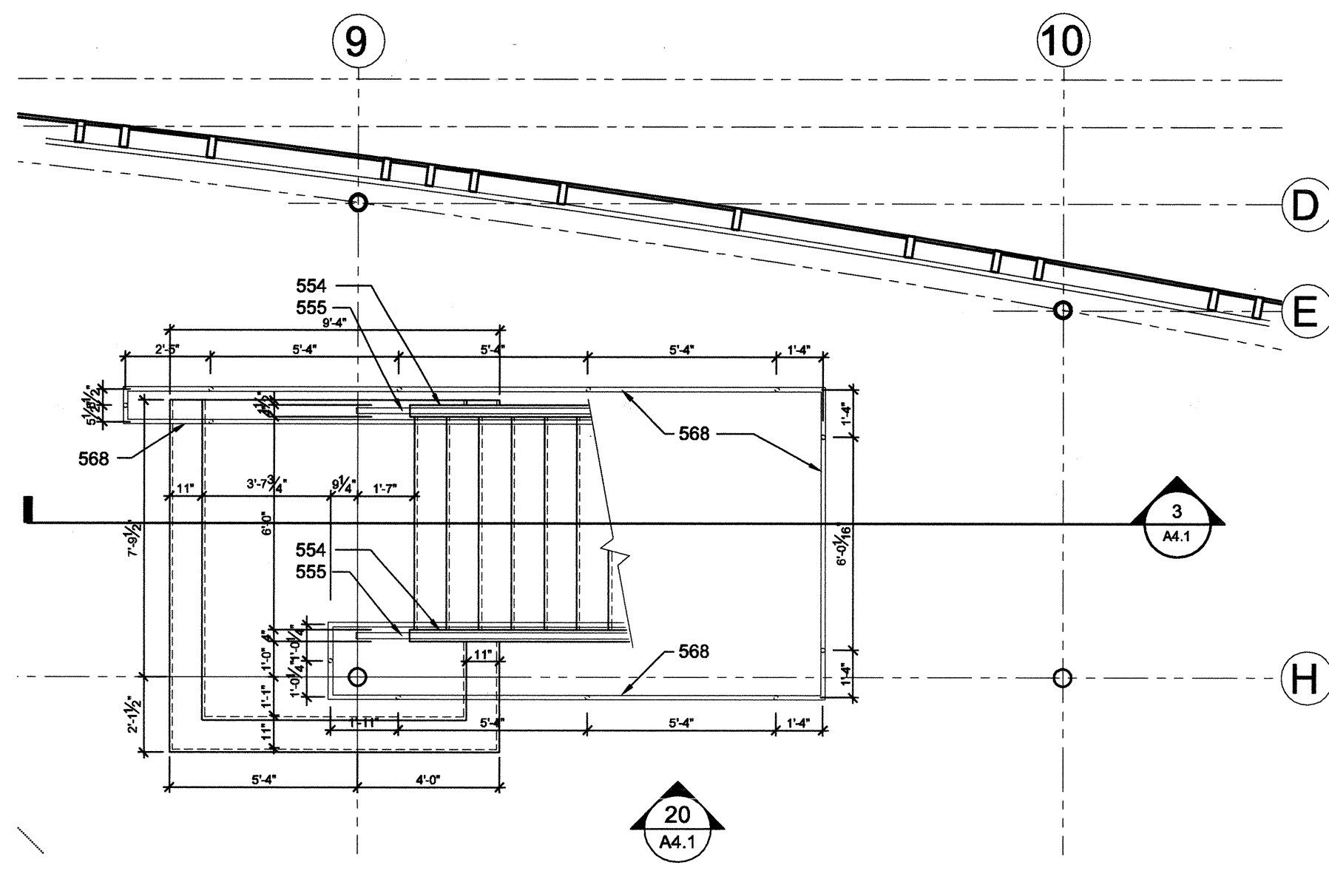
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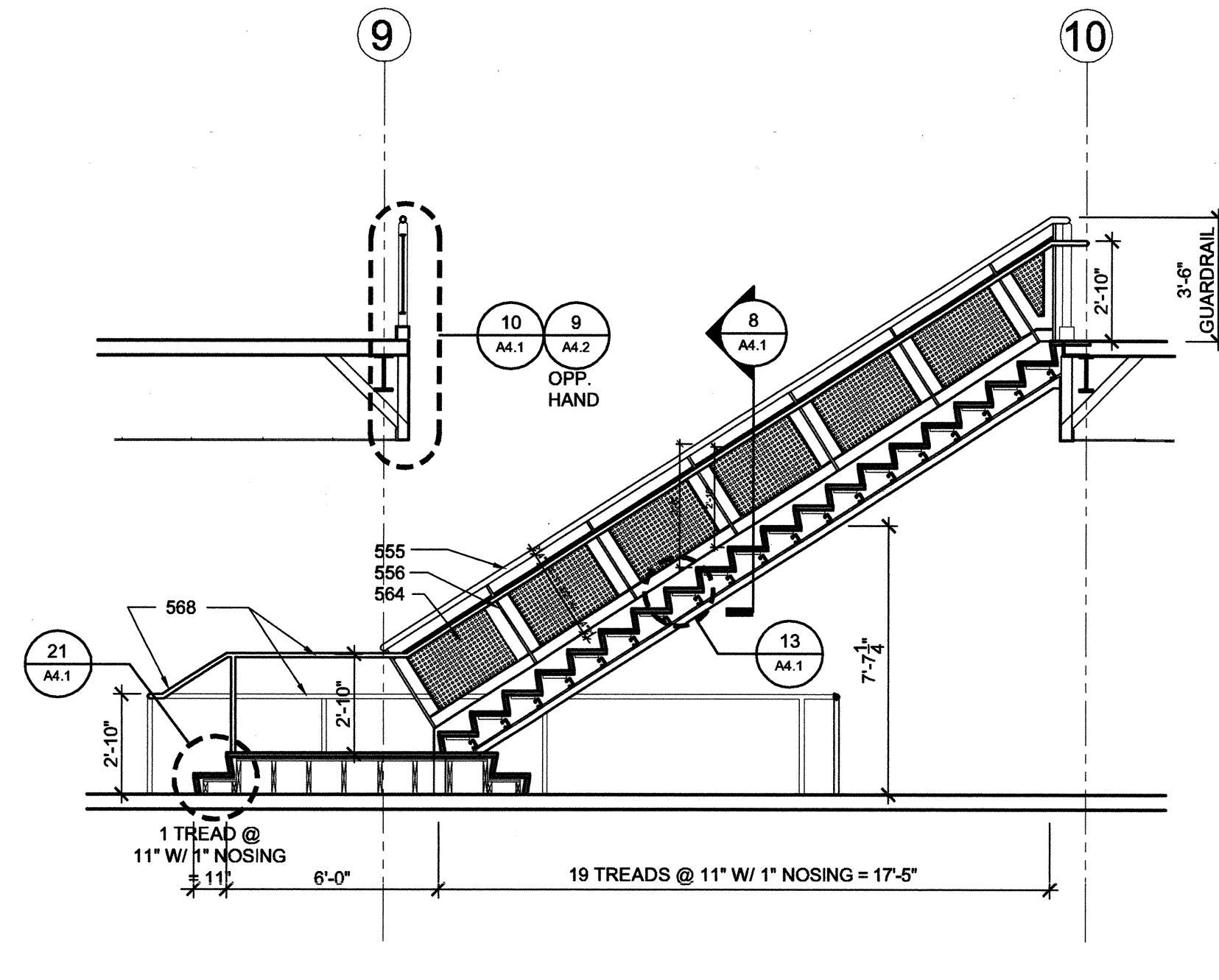
- 001 EXISTING CONSTRUCTION
- 008 FACE OF WALL BEYOND CORNICE
- 058 CUT AWAY PORTION OF EXISTING CORNICE
- AS REQUIRED TO CLEAR NEW WORK
- 123 CONCRETE FLOOR SLAB
- 200 COMPOSITE CONCRETE FLOOR SYSTEM
- 203 STEEL BEAM
- 204 STEEL FRAMING
- 205 GALVANIZED STEEL RELIEVING ANGLE - SECURE TO SLAB POUR STOP
- 208 STEEL POUR STOP - SEE STRUCTURAL DRAWINGS
- 212 COPE BEAM WEB - APPX. 4" DIAMETER - TO PERMIT INSTALLATION OF ROOF DRAIN PIPING
- 220 OPEN WEB STEEL JOISTS
- 221 METAL DECK
- 230 4" CONCRETE MASONRY UNITS
- 250 6" COLD FORMED STEEL STUDS - SEE STRUCTURAL
- 251 COLD FORMED STUD TRACK
- 270 HIGH DENSITY PREFINISHED CONCRETE MASONRY UNITS (HDP-CMU) - NOMINAL 4" THICK U.N.O. - SEE ELEVATIONS FOR FINISH
- 276 MASONRY ANCHOR IN VERTICAL JOINT
- 280 5/8" GYPSUM SHEATHING
- 281 INSTALL SPRAY-APPLIED AIR BARRIER MEMBRANE OVER GYPSUM SHEATHING
- 282 FLEXIBLE MEMBRANE FLASHING WITH STAINLESS STEEL DRIP EDGE
- 283 R-19 BATT INSULATION - INSTALL WITH VAPOR BARRIER TO INSIDE FACE
- 284 BACKER ROD AND SEALANT
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- 291 TWO-PIECE THERMAL ALUMINUM STOREFRONT
- 295 OUTSIDE, PRESSURE GLAZED LOW-RISE ALUMINUM CURTAIN WALL SYSTEM
- 296 1" INSULATED GLASS PANEL
- 297 1/2" GLASS PANEL - TEMPERED U.N.O.
- 298 1/2" SPANDREL GLASS PANEL
- 299 3/4" X 1 1/4" TWO-PIECE ALUMINUM TRIM
- 300 2" SEMI-RIGID INSULATION
- 301 CLIP INSULATION TO 2X2X 1/2" ALUMINUM ANGLE - SECURE TO CURTAIN WALL MEMBER
- 302 PREFINISHED .063 ALUMINUM BRAKE METAL COPING
- 303 1/2" X 3/4" BRACKET - SECURE TO POUR STOP OR EDGE ANGLE
- 332 P.T. WOOD BLOCKING - SECURE TO FRAMING OR ADJACENT BLOCKING W/ SELF TAPPING SCREWS OR POWDER ACTUATED FASTENERS
- 333 1/2" PORTLAND CEMENT PLASTER ON SELF-FURRING LATH SECURED TO STEEL FRAMING
- 351 BUILT-UP ASPHALT AND GRAVEL ROOFING
- 352 CREATE CRICKETS WITH TAPERED INSULATION
- 353 ROOF DRAIN - SEE PLUMBING DRAWINGS
- 357 OVERFLOW SCUPPER
- 359 BUILT-UP ASPHALT FLASHING
- 360 FIBER CANT STRIP
- 361 GALVANIZED STEEL COUNTERFLASHING
- 362 SURFACE MOUNTED RECEIVER FOR COUNTERFLASHING
- 363 FLAT SEAM, SOLDERED COPPER ROOFING
- 367 CONTINUOUS CLEAT
- 369 EXTRUDED DRAIN / SOFFIT
- 371 ROOF EXPANSION JOINT
- 372 R-18 POLYISOCYANURATE ROOF INSULATION
- 373 P.T. WOOD SHIM - CUT FROM 2X MATERIAL TO PROVIDE SLOPE FOR PLYWOOD DECK - ADHERE TO STEEL FRAMING
- 374 5/8" EXTERIOR PLYWOOD DECK - SECURE TO STEEL FRAMING THROUGH P.T. SHIMS
- 384 METAL SIDING
- 385 RABBETED 2 X 8 TREATED WOOD BLOCKING - SECURE TO FRAMING OR ADJACENT BLOCKING
- 386 2 X 12 TREATED WOOD BLOCKING - SECURE TO FRAMING OR ADJACENT BLOCKING WITH SELF-TAPPING SCREWS OR POWDER ACTUATED FASTENERS
- 387 1 X 2 TREATED WOOD BLOCKING - SECURE TO FRAMING OR ADJACENT BLOCKING
- 388 2 X 2 TREATED WOOD BLOCKING - SECURE TO FRAMING OR ADJACENT BLOCKING
- 389 1 X 4 TREATED WOOD BLOCKING - SECURE TO FRAMING OR ADJACENT BLOCKING
- 390 WEEP HOLES @ 24" O.C.
- 391 FLAT SEAM, SOLDERED COPPER GUTTER
- 392 ALUMINUM FASCIA
- 393 STANDING SEAM ROLLED JOINT. COMPLETELY SEPARATE DIFFERENT MATERIALS WITH BUTYL TAPE
- 400 METAL DRYWALL STUDS - 2 1/2" X 20 GA @ 16" O.C. U.N.O.
- 401 METAL DRYWALL STUDS - 3 5/8" X 20 GA @ 16" O.C. U.N.O.
- 403 1/2" ACOUSTICAL HAT CHANNEL DRYWALL FURRING
- 409 WALL EXPANSION JOINT COVER
- 490 SUSPENDED ACOUSTICAL CEILING SYSTEM
- 497 2 LAYERS OF 5/8" GYPSUM WALL BOARD
- 500 5/8" GWB - IMPACT RESISTANT WHERE INDICATED ON ROOM FINISH SCHEDULE
- 502 FINISH EDGE WITH "J" TRIM
- 506 CORNER BEAD
- 577 WALK-THROUGH RAIL
- 578 3/4" STEEL PLATE PLATFORM
- 579 SUPPORT ANGLE
- 580 1-1/2" DIA. STRINGER
- 581 1" DIA. STEEL RUNG



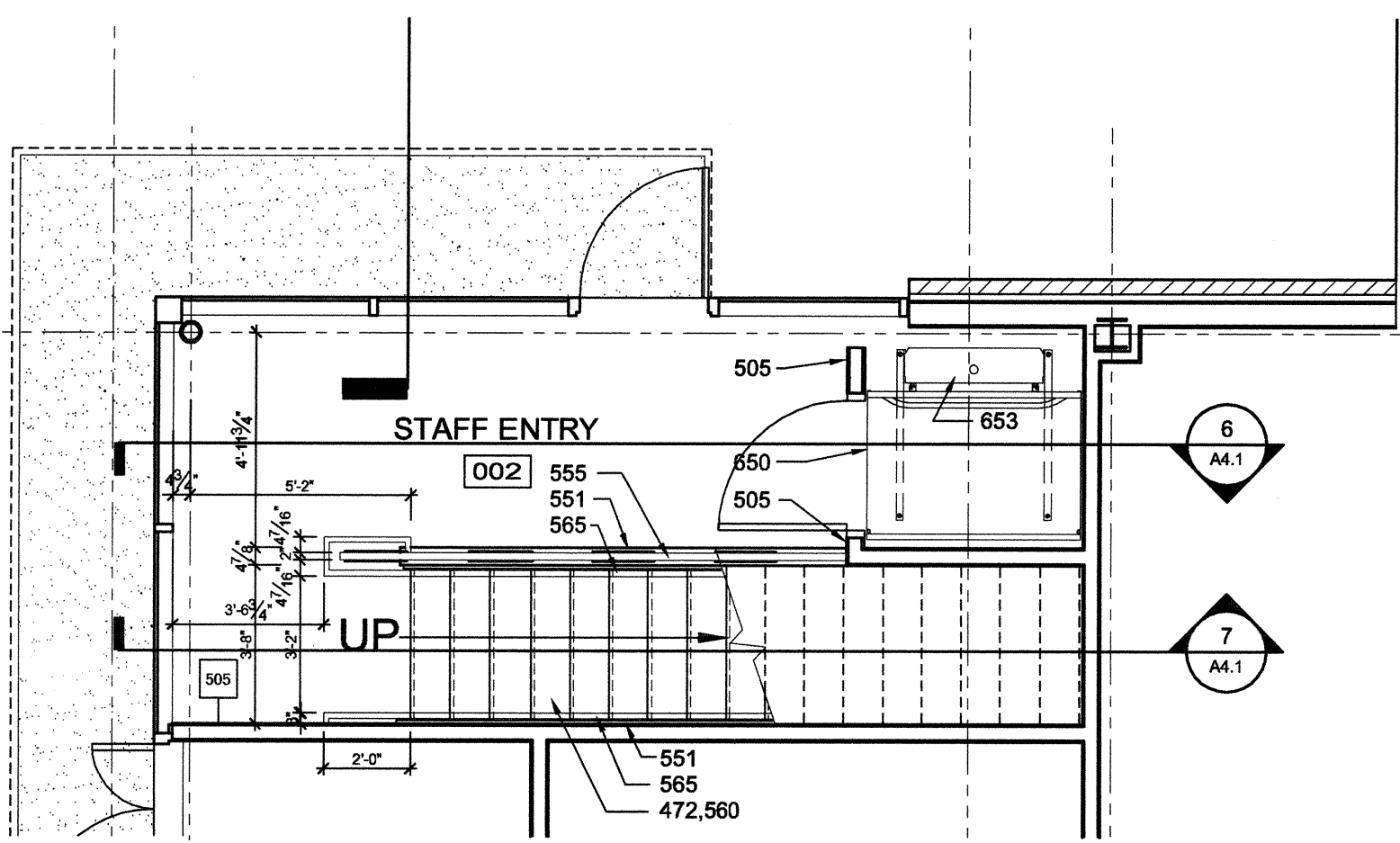
1 ENLARGED STAIR PLAN - SECOND FLOOR
A4.1 1/4" = 1'-0"



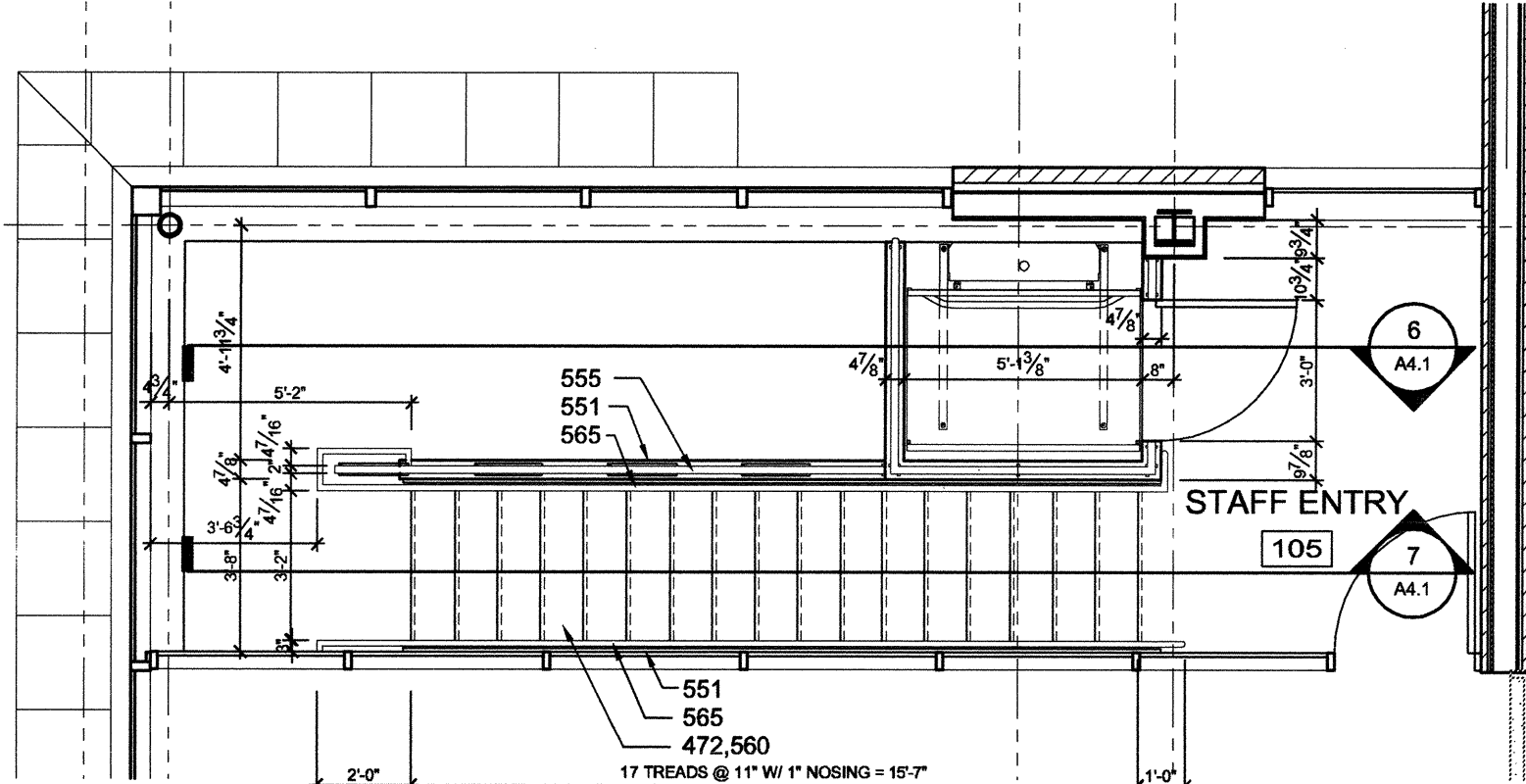
2 ENLARGED STAIR PLAN - FIRST FLOOR
A4.1 1/4" = 1'-0"



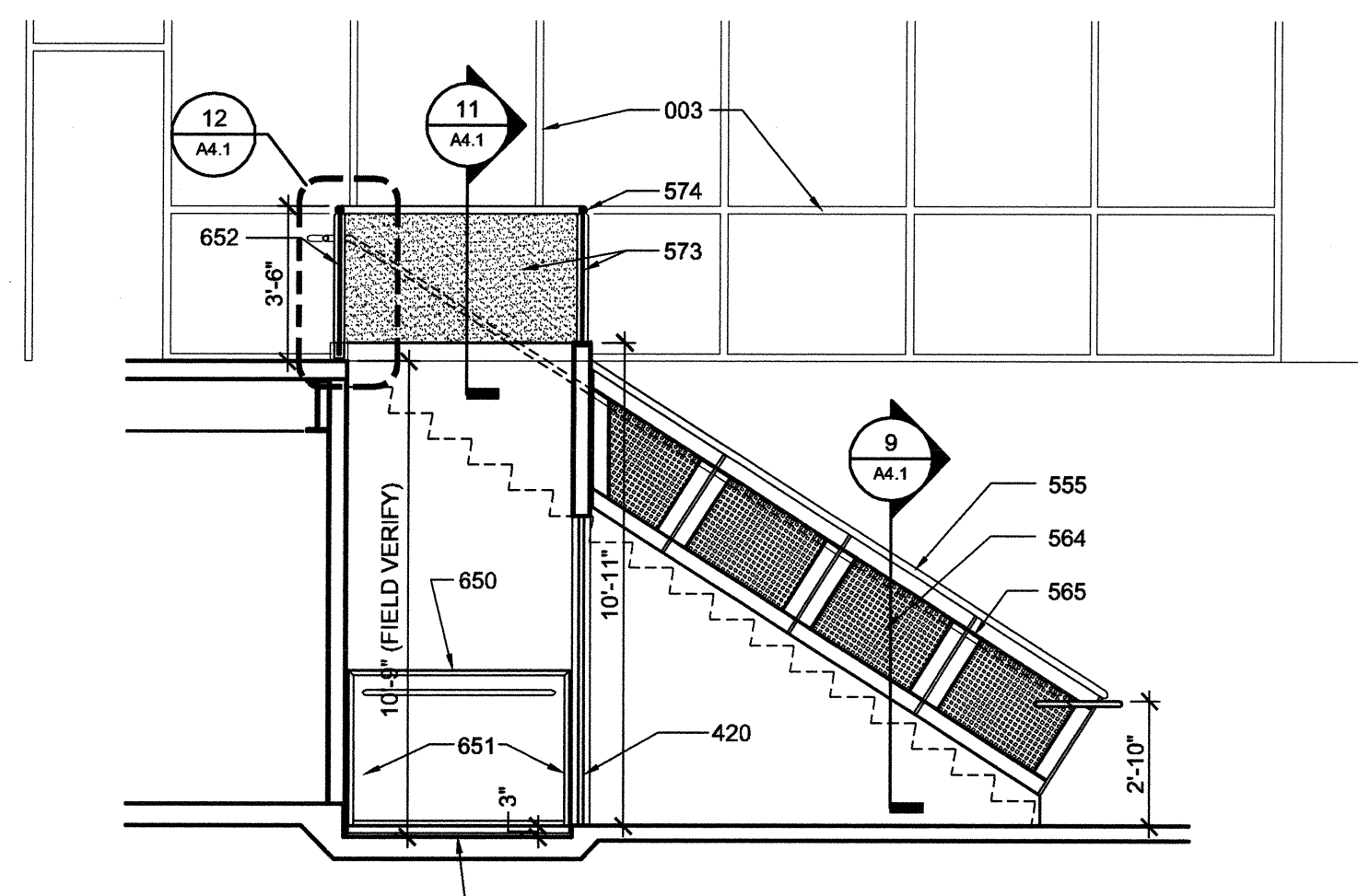
3 STAIR SECTION
A4.1 1/4" = 1'-0"



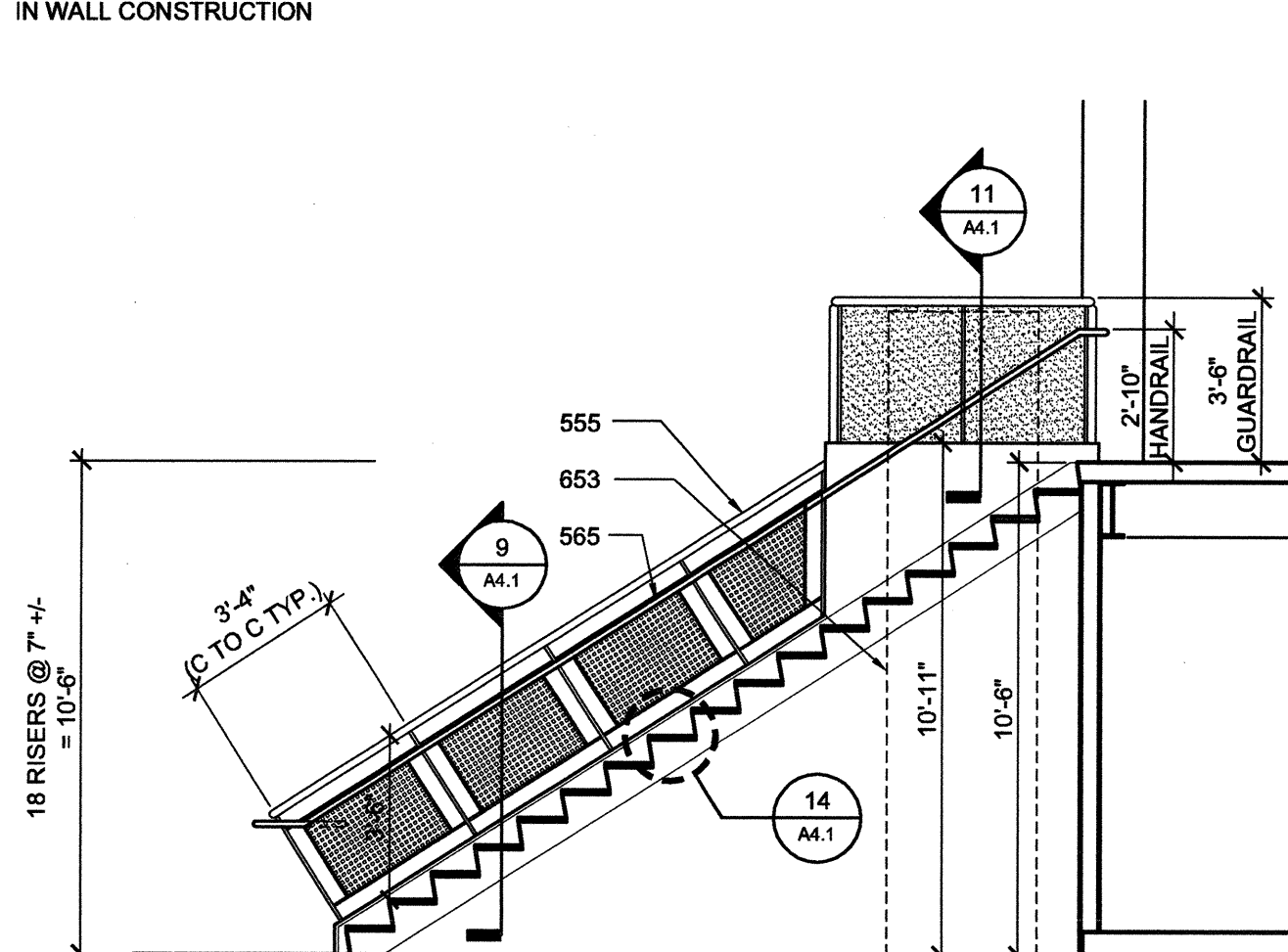
5 LIFT PLAN - GROUND FLOOR
A4.1 1/4" = 1'-0"



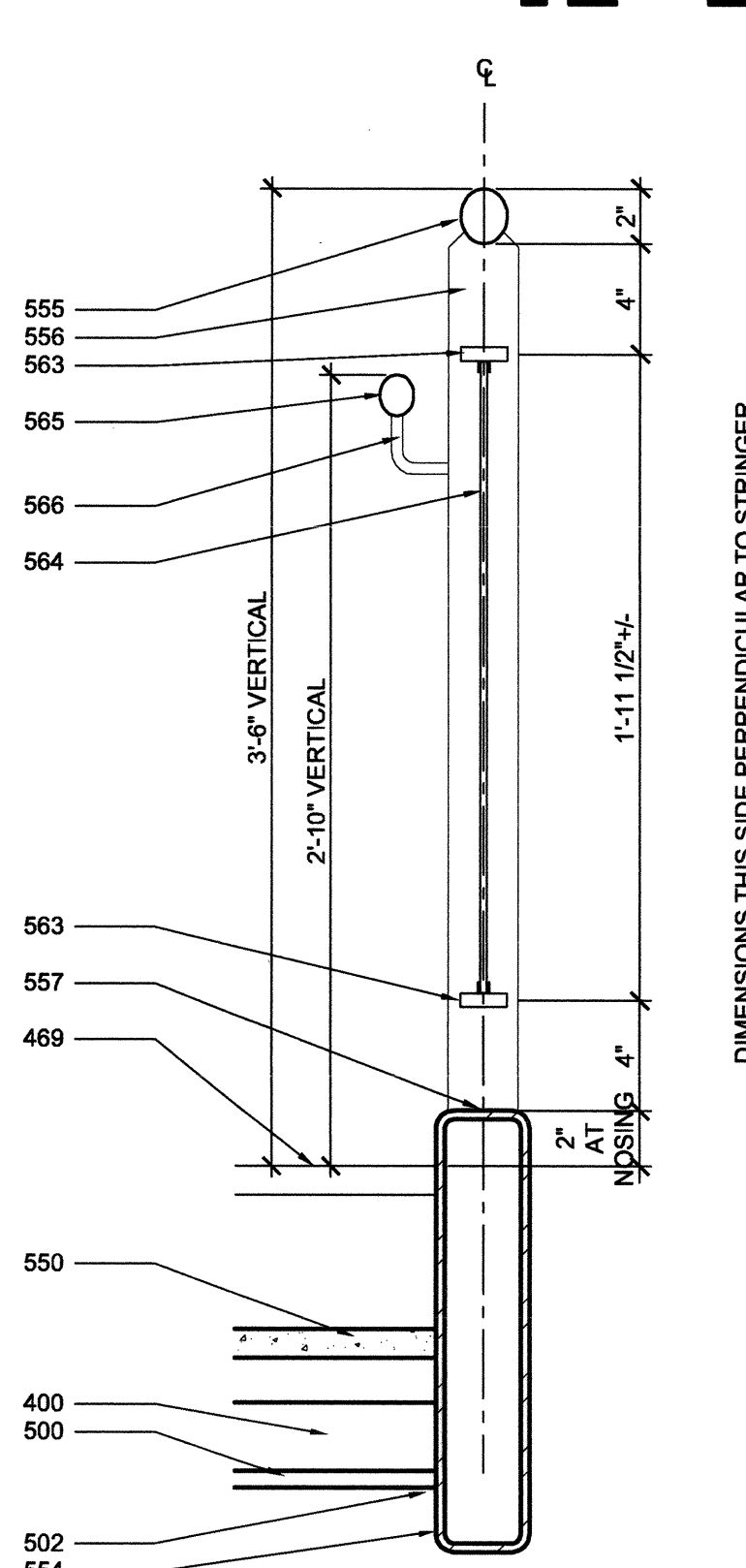
4 LIFT PLAN - FIRST FLOOR
A4.1 1/4" = 1'-0"



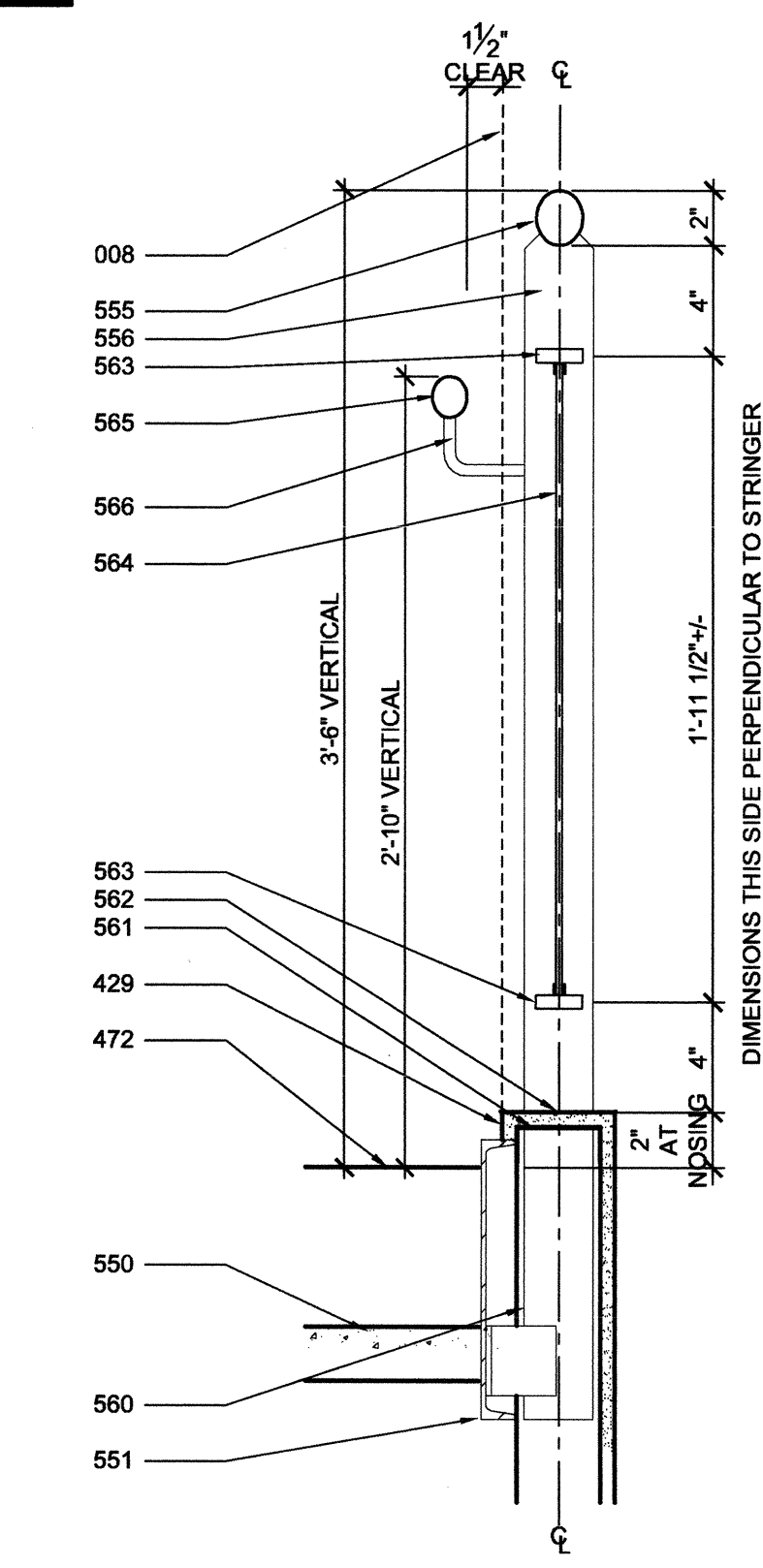
6 STAIR SECTION
A4.1 1/4" = 1'-0"



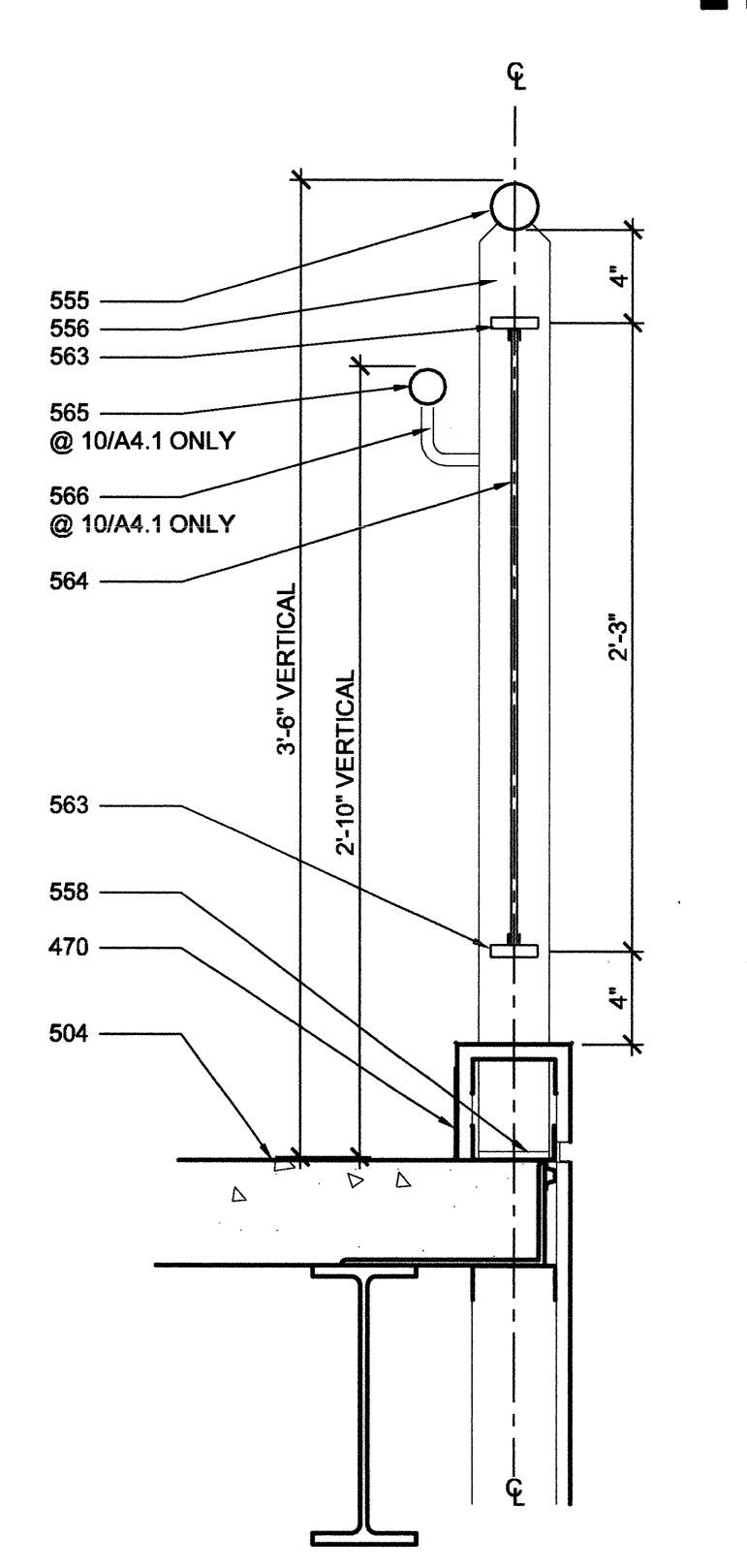
7 STAIR SECTION
A4.1 1/4" = 1'-0"



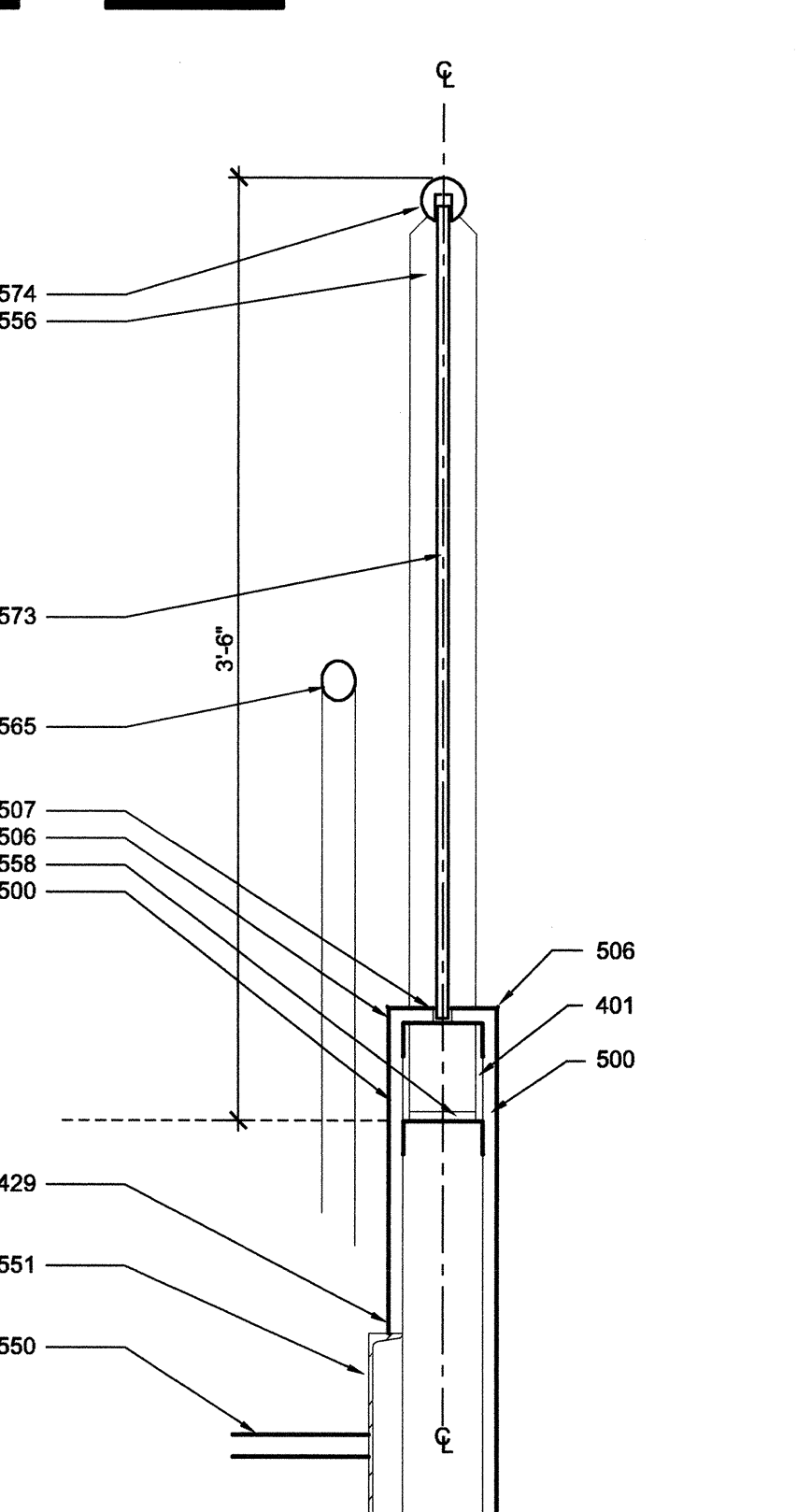
8 RAILING/ STAIR DETAIL
A4.1 1 1/2" = 1'-0"



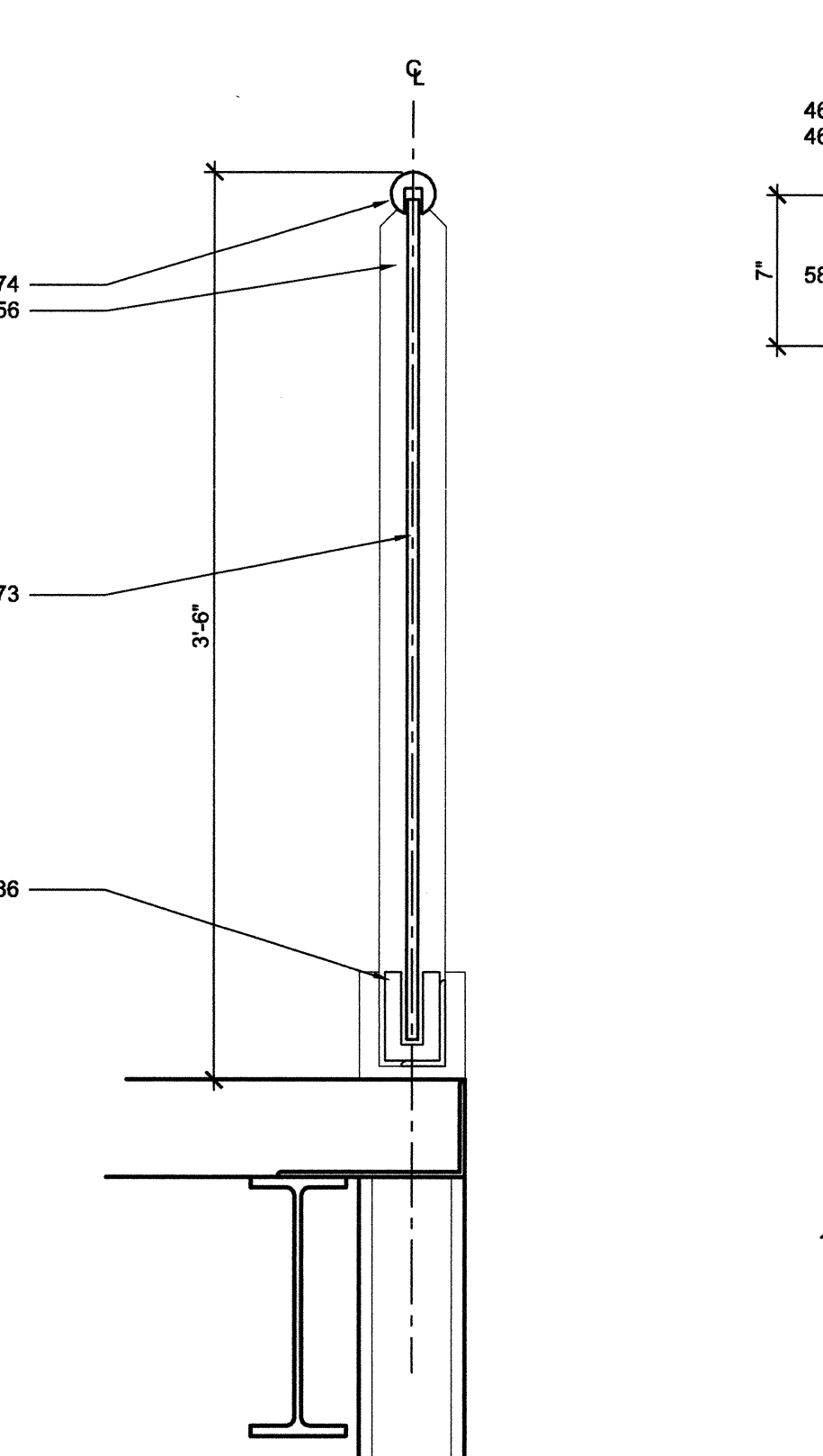
9 RAILING/ STAIR DETAIL
A4.1 1 1/2" = 1'-0"



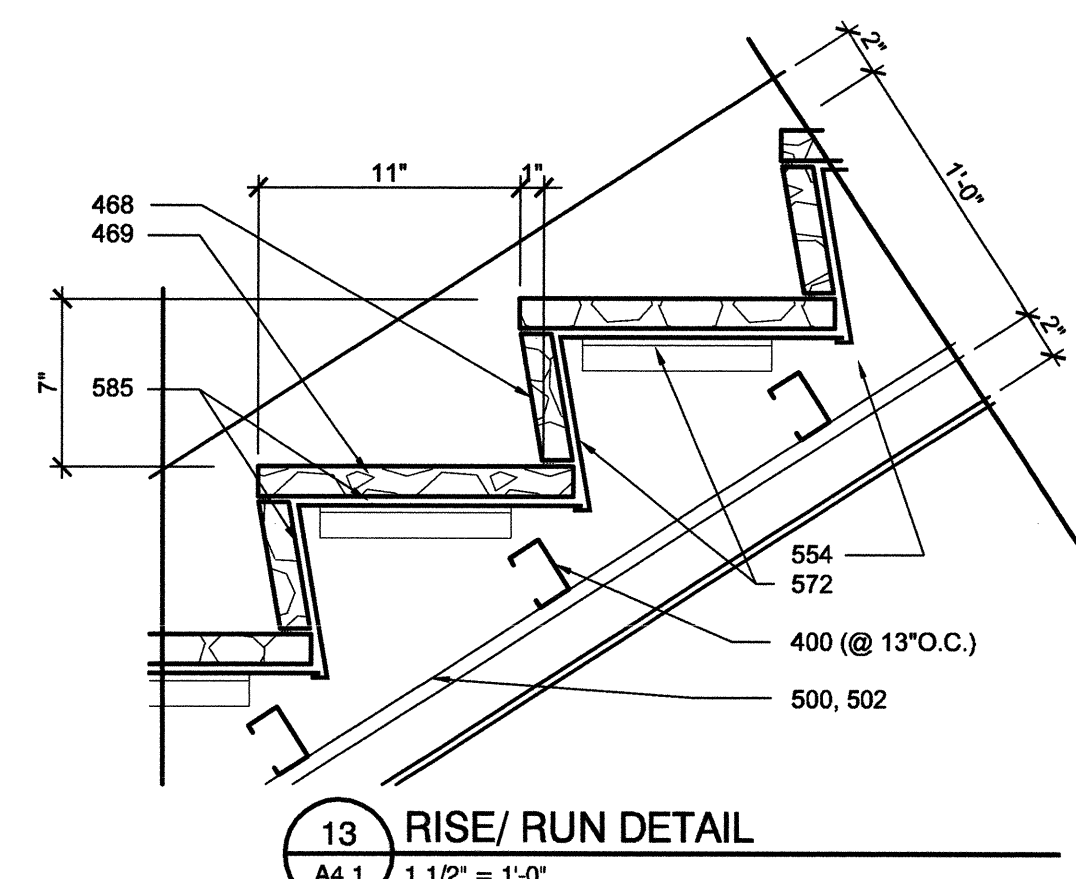
10 RAILING/ STAIR DETAIL
A4.1 1 1/2" = 1'-0"



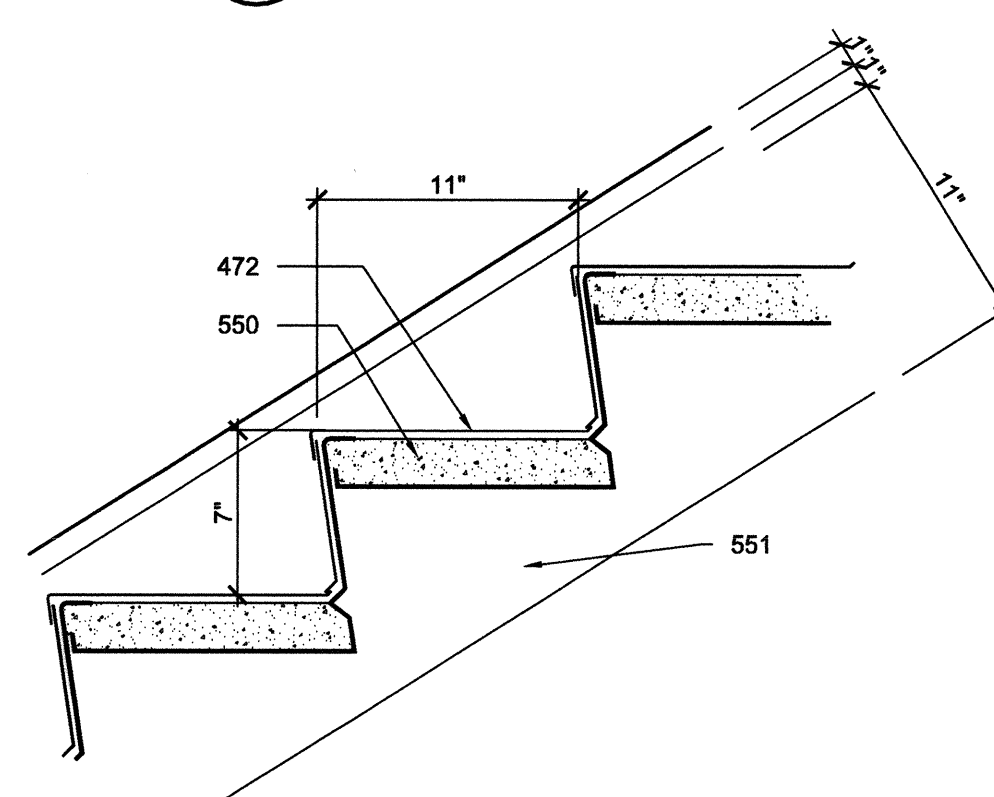
11 RAILING/ STAIR DETAIL
A4.1 1 1/2" = 1'-0"



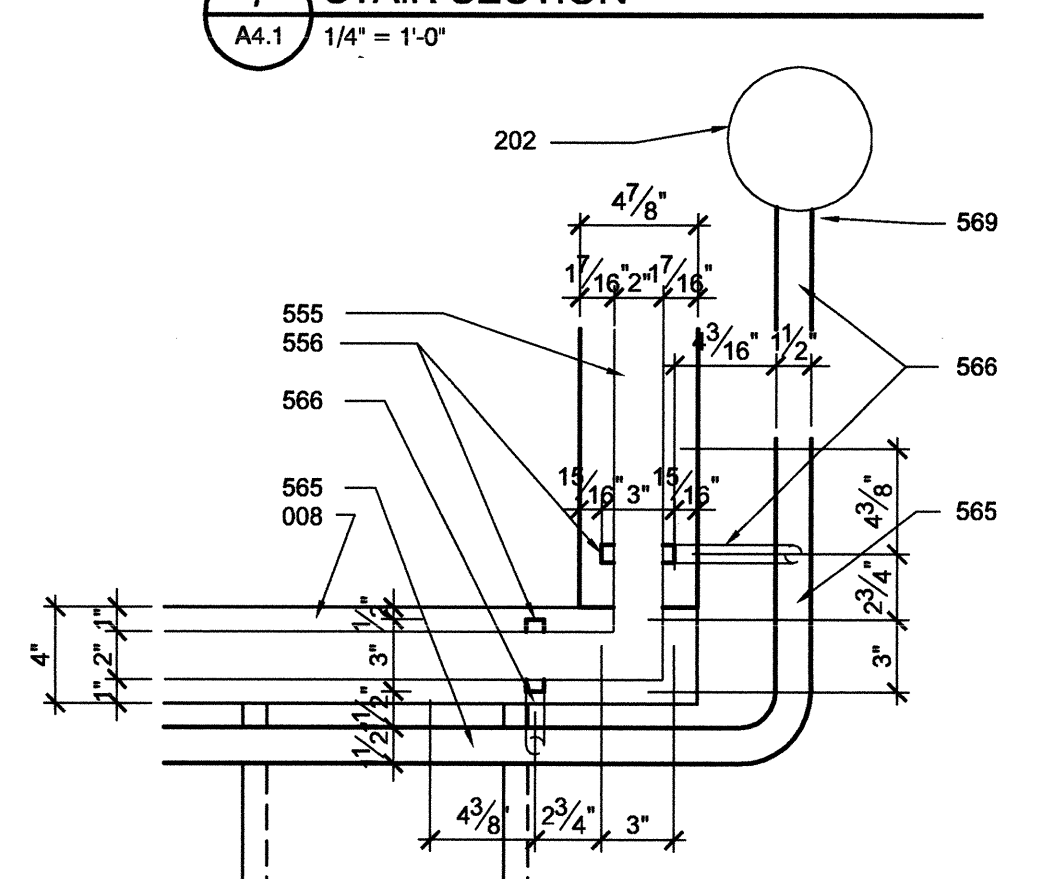
12 LIFT LANDING GATE DETAIL
A4.1 1 1/2" = 1'-0"



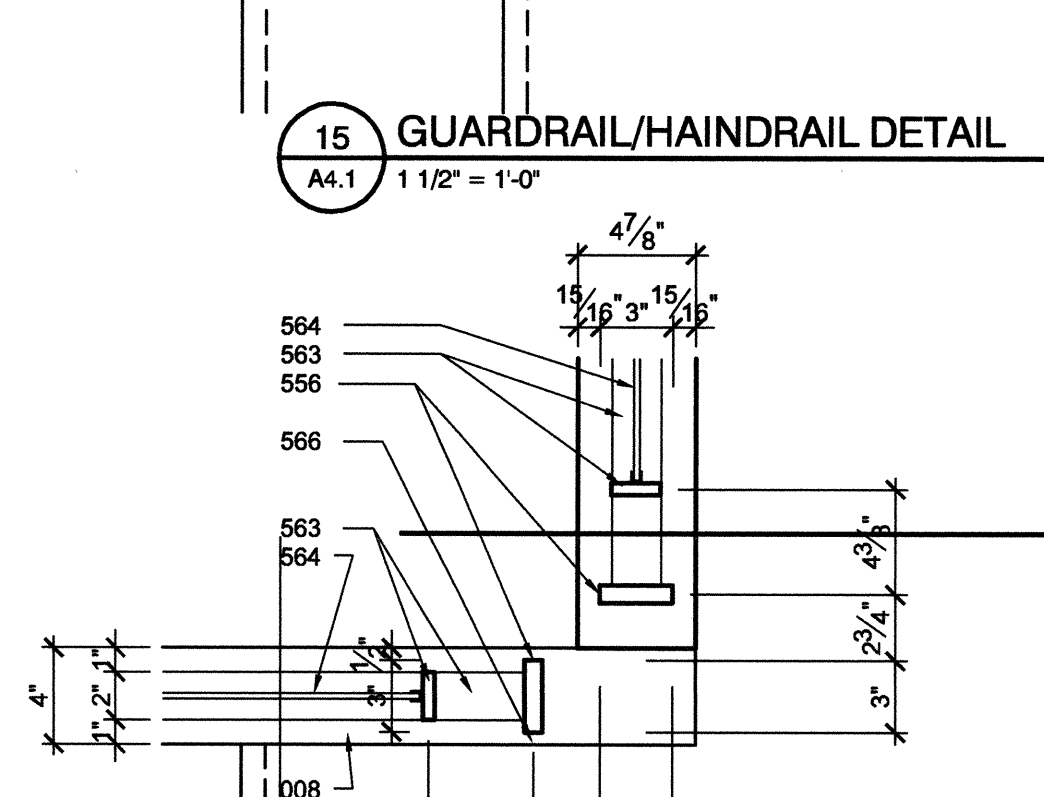
13 RISE/ RUN DETAIL
A4.1 1 1/2" = 1'-0"



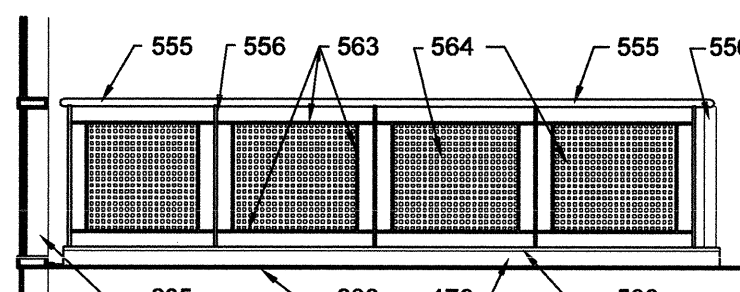
14 RISE/ RUN DETAIL
A4.1 1 1/2" = 1'-0"



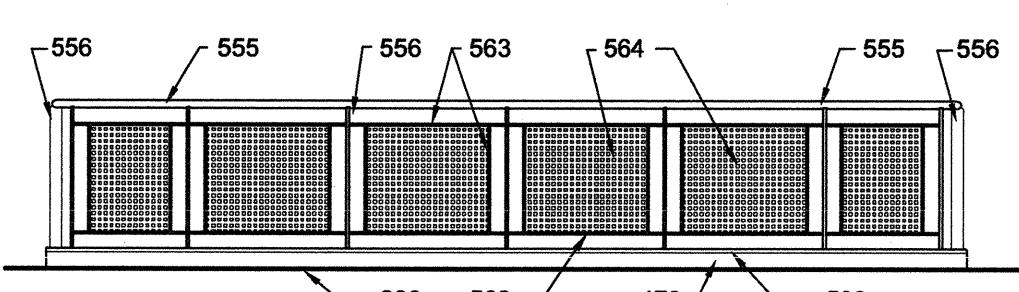
15 GUARDRAIL/HANDRAIL DETAIL
A4.1 1 1/2" = 1'-0"



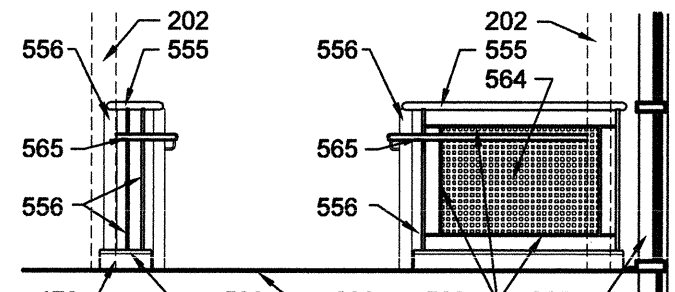
16 GUARDRAIL/HANDRAIL DETAIL
A4.1 1 1/2" = 1'-0"



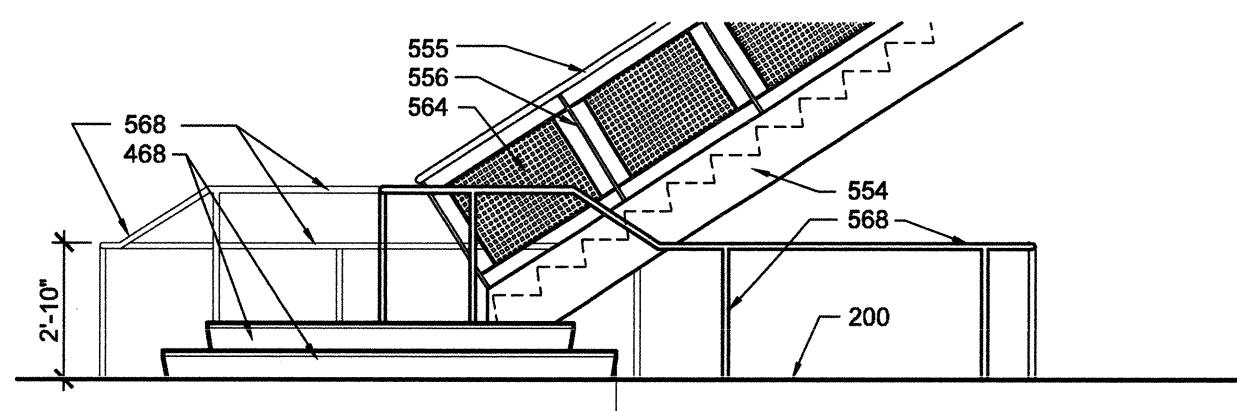
17 GUARDRAIL ELEVATION
A4.1 1/4" = 1'-0"



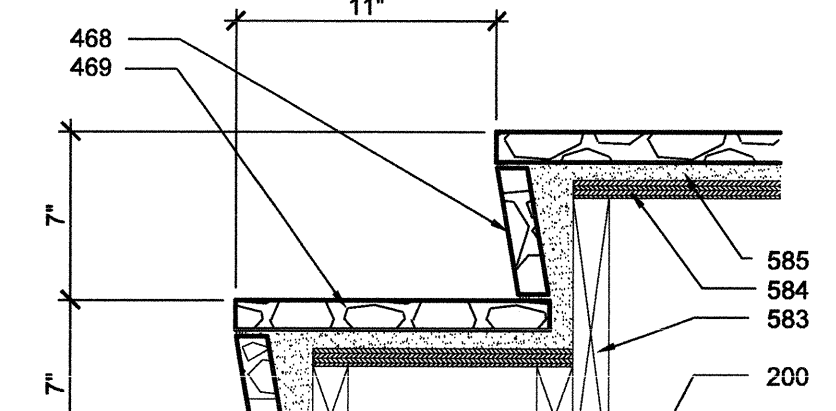
18 GUARDRAIL ELEVATION
A4.1 1/4" = 1'-0"



19 GUARDRAIL/HANDRAIL ELEVATION
A4.1 1/4" = 1'-0"



20 GUARDRAIL/HANDRAIL ELEVATION
A4.1 1/4" = 1'-0"

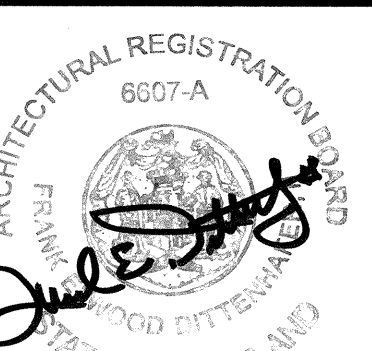


21 STAIR PLATFORM - RISER/TREAD DETAIL
A4.1 1-1/2" = 1'-0"

- KEYED NOTES**
EVERY NOTE LISTED BELOW MAY NOT BE USED ON THIS DRAWING SHEET. FOR ANY NOTE USED ON THIS SHEET BUT NOT LISTED BELOW, REFER TO THE KEYED NOTE MASTER LIST ON SHEET CS-2.
- 003 NEW CONSTRUCTION BEYOND
008 FACE OF WALL BEYOND
200 COMPOSITE CONCRETE FLOOR SYSTEM
202 STEEL COLUMN
295 OUTSIDE, PRESSURE GLAZED LOW-RISE ALUMINUM CURTAIN WALL SYSTEM
400 METAL DRYWALL STUDS - 2 1/2" X 20 GA @ 16" O.C. U.N.O.
401 METAL DRYWALL STUDS - 3 5/8" X 20 GA @ 16" O.C. U.N.O.
420 WOOD DOOR
429 EXTEND THIS LAYER OF GYPSUM WALL BOARD TO TOP OF STAIR STRINGER
468 1 1/2" STONE STAIR RISER
469 1 1/2" STONE STAIR TREAD W/ INLAID ABRASIVE STRIPS @ NOSING
470 RESILIENT BASE
472 RUBBER STAIR TREAD AND RISER
500 5/8" GWB - IMPACT RESISTANT WHERE INDICATED ON ROOM FINISH SCHEDULE
502 FINISH EDGE WITH 1" TRIM
504 FLOOR FINISH AS SCHEDULED
505 RESILIENT BASE AS SCHEDULED
506 CORNER BEAD
507 ALUMINUM REVEAL MOLDING W/ 1/2" DEEP X 1/2" WIDE REVEAL - ALIGN WITH ADJACENT ALUMINUM TRIM
550 CONCRETE FILLED METAL PAN STAIR
551 STEEL CHANNEL STRINGER
554 4"X16" STEEL TUBE STRINGER
555 2" DIAMETER GUARDRAIL - WELD TO POSTS (PAINTED STEEL AT BASE BID, STAINLESS STEEL AT ALTERNATE BID)
556 3"x3/4" BAR POST (PAINTED STEEL AT BASE BID, STAINLESS STEEL AT ALTERNATE BID)
557 WELD POST TO TUBE STEEL STRINGER
558 WELD POST TO 3"x5"x3/8" BASE PLATE - SECURE TO FLOOR SLAB WITH TWO 3/8" DIAMETER BOLTS OR EQUIVALENT
559 POWDER ACTUATED FASTENERS
560 WELD POST TO 3"x5"x3/8" BASE PLATE - SECURE TO BLOCKING OR STUDS WITH TWO 3/8" DIAMETER BOLTS OR EQUIVALENT
561 EXTEND POST AND SECURE TO CHANNEL STRINGER WITH CLIP ANGLES CONCEALED IN WALL CONSTRUCTION
- 561 COPE TOP TRACK OF PARTITION FRAMING AT POSTS - OVERLAP ENDS AND SECURE FOR CONTINUITY
562 FINISH POST PENETRATION THROUGH GYPSUM WALL BOARD WITH APPROPRIATE MANUFACTURED EDGE BEAD
563 2"x1/2" BAR - WELD TO POSTS OR BARS AT EACH END (PAINTED STEEL AT BASE BID, STAINLESS STEEL AT ALTERNATE BID)
564 11 GA PERFORATED PLATE - 1/2" SQUARE OPENINGS AT 1/2" O.C. IN RECTILINEAR PATTERN - WELD TO SURROUNDING BAR FRAME (PAINTED STEEL AT BASE BID, STAINLESS STEEL AT ALTERNATE BID)
565 1 1/2" DIAMETER HANDRAIL - WELD TO BRACKETS (PAINTED STEEL AT BASE BID, STAINLESS STEEL AT ALTERNATE BID)
566 HANDRAIL BRACKET - FABRICATE FROM 1/2" DIAMETER STOCK - WELD TO HANDRAIL AND TO POST OR WALL PLATE (PAINTED STEEL AT BASE BID, STAINLESS STEEL AT ALTERNATE BID)
568 1 1/2" DIAMETER RAILING AND POSTS - SET POSTS IN SLEEVE OR CORE DRILL SLAB TO RECEIVE POST (PAINTED STEEL AT BASE BID, STAINLESS STEEL AT ALTERNATE BID)
569 TERMINATE HANDRAIL AT COLUMN - ALIGN WITH COLUMN CENTERLINE
572 METAL STAIR SYSTEM FABRICATED TO SUPPORT STONE TRIM
573 1/2" GLASS PANEL, BUTT GLAZE AT VERTICAL SURFACES
574 2" STAINLESS STEEL HANDRAIL WITH GLASS REVEAL
583 TRIMMED 2 X 12 TREATED WOOD BLOCKING @ 12" O.C. MAX.
584 3/4" PLYWOOD SUITABLE FOR TILE INSTALLATION
585 THICK SET MORTAR BED
586 SHOE MOLDING FOR 1/2" GLASS, ANCHOR TO 2 X 4 X 1/4" STEEL ANGLE
650 WHEELCHAIR LIFT
651 PLATFORM GATE
652 LANDING GATE
653 WHEELCHAIR LIFT MAST
654 RECESS SLAB FOR WHEELCHAIR LIFT

Murphy & Dittenhafer
ARCHITECTS
225 West Market Street, York, Pennsylvania 17401
900 North Charles Street, Baltimore, Maryland 21201
410-528-4200 Voice 410-528-4211 Fax

CONSULTANT



PHASE ONE: ADDITION TO STATE OFFICE BUILDING NO.3
2100 GUILFORD AVENUE, BALTIMORE, MD 21218
MARYLAND DEPARTMENT OF GENERAL SERVICES

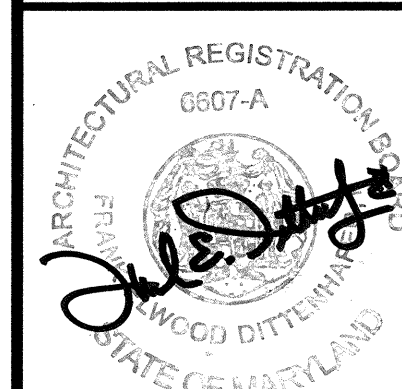
NO.	DESCRIPTION	DATE

CAD DWG FILE: 03183
DRAWN BY: GCH
CHECKED BY: JPS
PROJECT NO: BB-621-003-001
DATE: 3/03/06

STAIRS
A4.1
SHEET 35 OF 91



- Murphy & Dittenhafer**
A R C H I T E C T S



PHASE ONE: ADDITION TO STATE OFFICE BUILDING NO.3
2100 GUILFORD AVENUE, BALTIMORE, MD 21218
MARYLAND DEPARTMENT OF GENERAL SERVICES

CAD DWG FILE: 03183 DRAWN BY: GCH CHECKED BY: JPS PROJECT NO: BB-621-003-4 DATE: 3/03/06	
<h1 style="margin: 0;">ELEVATOR AND MISC. DETAILS</h1> <h2 style="margin: 0;">A4.2</h2>	
SHEET 36 OF 91	



ARCHITECTURAL REGISTRATION BOARD
6607-A
FRANKLIN
J. E. [Signature]
GOOD DIFFERENCE
STATE OF NEW YORK

PHASE ONE: ADDITION TO STATE OFFICE BUILDING NO.3
2100 GUILFORD AVENUE, BALTIMORE, MD 21218
MARYLAND DEPARTMENT OF GENERAL SERVICES

[illegible]

THIRD FLOOR ROOM FINISH SCHEDULE

ROOM NO	ROOM NAME	FLOOR	BASE	WALL	CEILING	NOTES
301	CONFERENCE ROOM	CARPET	VWB-I	PTD	ACT-II	NOISE CRITICAL SPACE, SEE ALTERNATE BID
302	COFFEE BAR/ LOBBY	CARPET	VWB-I	PTD	ACT-II	--
303	CONFERENCE ROOM	CARPET	VWB-I	PTD	ACT-II	NOISE CRITICAL SPACE, SEE ALTERNATE BID

SECOND FLOOR ROOM FINISH SCHEDULE

ROOM NO	ROOM NAME	FLOOR	BASE	WALL	CEILING	NOTES
201	OPEN OFFICE A	CARPET	VWB-I	PTD	ACT-II	NOISE CRITICAL SPACE, IMPACT RESISTANT GWB
202	OPEN OFFICE B	CARPET	VWB-I	PTD	ACT-II	IMPACT RESISTANT GWB
203	ELEV LOBBY	CARPET	VWB-I	PTD	ACT-II	IMPACT RESISTANT GWB
204	STAIR LOBBY A	EXIST	EXIST	EXIST	EXIST	--
205	STAIR LOBBY B	EXIST	EXIST	EXIST	EXIST	--
206	HALL	XX	XX	XX	XX	--
207	TOILET	XX	XX	XX	XX	--
208	TOILET	XX	XX	XX	XX	--

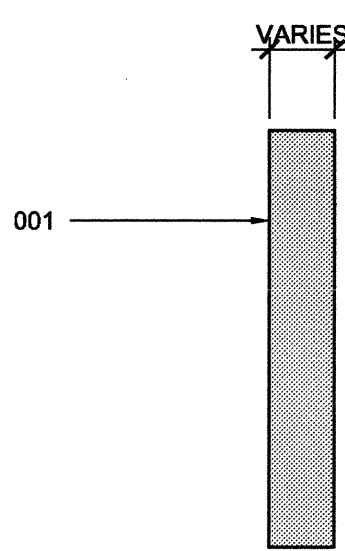
FIRST FLOOR ROOM FINISH SCHEDULE

ROOM NO	ROOM NAME	FLOOR	BASE	WALL	CEILING	NOTES
101	OPEN OFFICE A	CARPET	VWB-I	PTD	ACT-I	NOISE CRITICAL SPACE, IMPACT RESISTANT GWB
102	OPEN OFFICE B	CARPET	VWB-I	PTD	ACT-I	IMPACT RESISTANT GWB
103	STAIR LOBBY A	EXIST	EXIST	EXIST	EXIST	IMPACT RESISTANT GWB
104	STAIR LOBBY B	EXIST	EXIST	EXIST	EXIST	IMPACT RESISTANT GWB
105	STAFF ENTRY	CARPET	VWB-I	--	PNT	BASE AS NOTED SEE ENLARGED PLAN SEE KEY NOTES 309 & 310
106	FUTURE ENTRY	CARPET	--	--	ACT-I	BASE AS NOTED SEE ENLARGED PLAN, SEE KEY NOTES 309 & 310, IMPACT RESISTANT GWB
107	STAFF ELEV	CARPET	--	--	--	SEE SPECIFICATION FOR OTHER FINISHES
108	PUBLIC ELEV	CARPET	--	--	--	SEE SPECIFICATION FOR OTHER FINISHES
109	HALL	XX	--	--	--	SEE SPECIFICATION FOR OTHER FINISHES
110	TOILET	XX	--	--	--	--
111	TOILET	XX	--	--	--	--

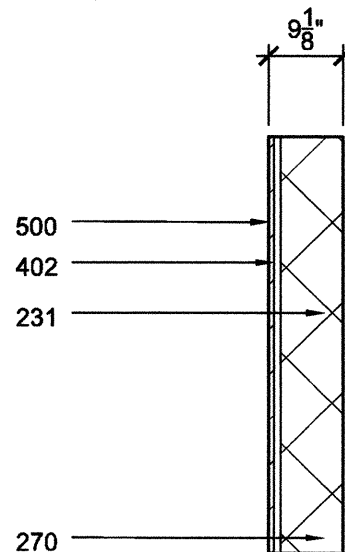
GROUND FLOOR ROOM FINISH SCHEDULE

ROOM NO	ROOM NAME	FLOOR	BASE	WALL	CEILING	NOTES
001	CHDU ENTRY	VCT-1	VWB-I	PTD	ACT-II	IMPACT RESISTANT GWB
002	STAFF ENTRY	VCT-1	VWB-I	PTD	--	--
003	OPEN OFFICE	CARPET	VWB-I	PTD	ACT-II	NOISE CRITICAL SPACE, IMPACT RESISTANT GWB
004	MDF ROOM	CONC	VWB-I	PTD	--	--
005	ELEC ROOM	CONC	VWB-I	PTD	--	--
006	ELEV LOBBY	VCT-1	VWB-I	PTD	ACT-II	IMPACT RESISTANT GWB
007	MECH	CONC	--	--	--	NOISE CRITICAL SPACE
007A	OPEN OFFICE	CARPET	--	--	--	NOISE CRITICAL SPACE
008	OPEN OFFICE	CARPET	VWB-I	PTD	ACT-II	--
009	SPRINKLER	CONC	VWB-I	PTD	--	--
010	EXIT CORR	XX	XX	XX	--	--
011	TEMPORARY CHDU ENTRY	EXIST	EXIST	EXIST	EXIST	--
012	STAIR LOBBY A	VCT-1	VWB-I	PTD	EXIST	--
013	STAIR LOBBY B	VCT-1	VWB-I	PTD	EXIST	--
014	ELEV EQ	CONC	VWB-I	PTD	--	NOISE CRITICAL SPACE

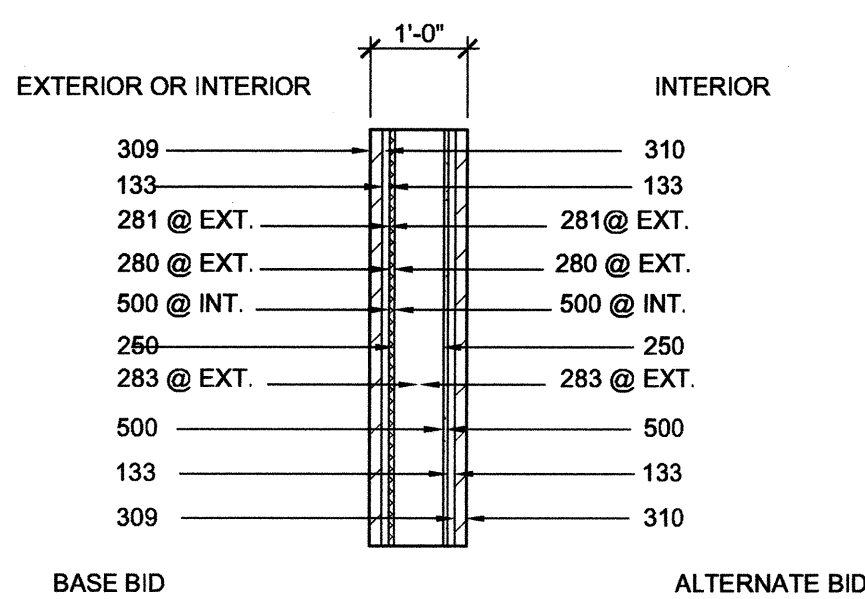
#A HDCMU - BASE BID
STONE - ALTERNATE BID



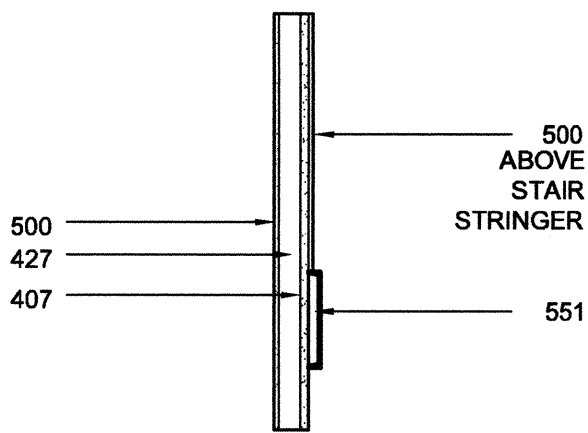
01 WALL TYPE 01
1/2" = 1'-0"



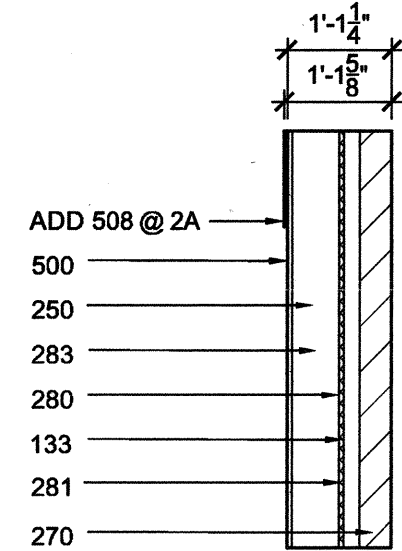
05 WALL TYPE 05
1/2" = 1'-0"



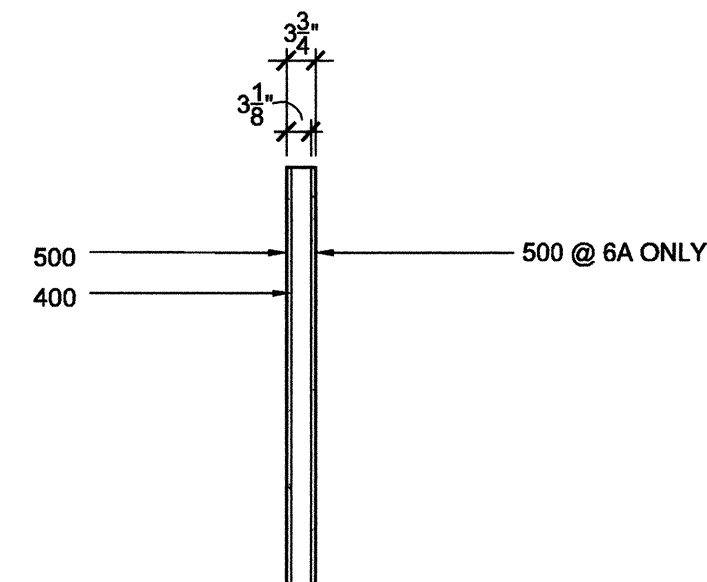
09A WALL TYPE 09 - 1-HR RATED
1/2" = 1'-0"



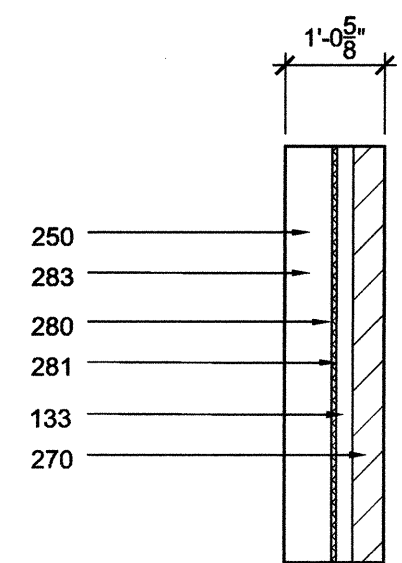
13 WALL TYPE 13 - 1 HR RATED SHAFT WALL
1/2" = 1'-0"



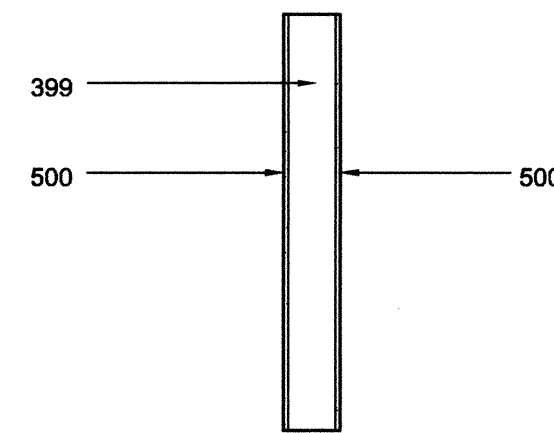
02A WALL TYPE 02
1/2" = 1'-0"



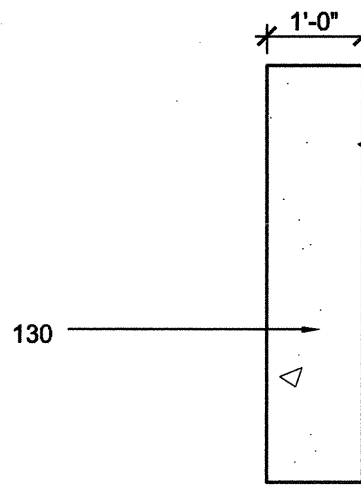
06A WALL TYPE 06
1/2" = 1'-0"



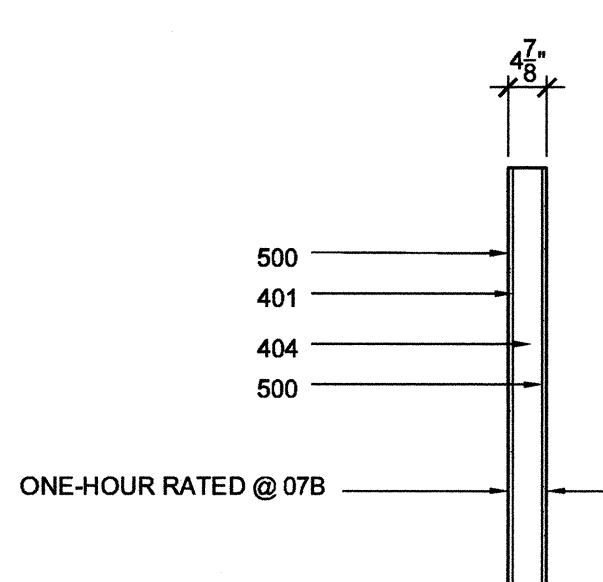
10 WALL TYPE 10
1/2" = 1'-0"



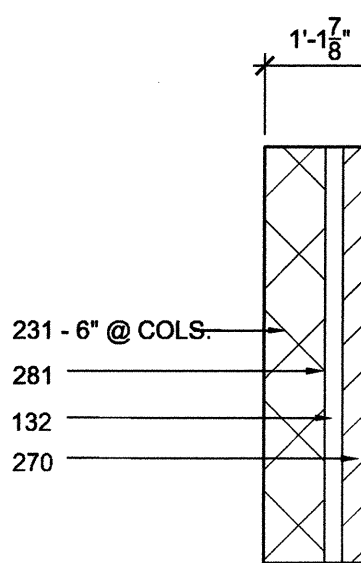
14 WALL TYPE 14
1/2" = 1'-0"



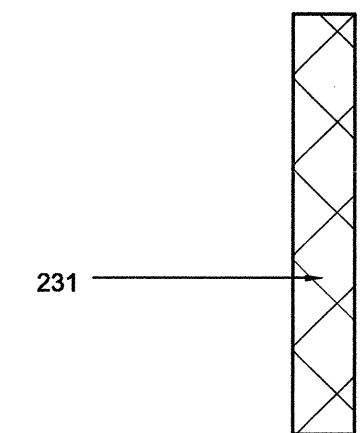
03 WALL TYPE 03
1/2" = 1'-0"



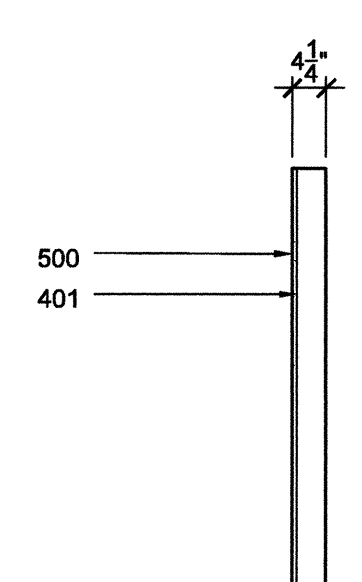
07B WALL TYPE 07
1/2" = 1'-0"



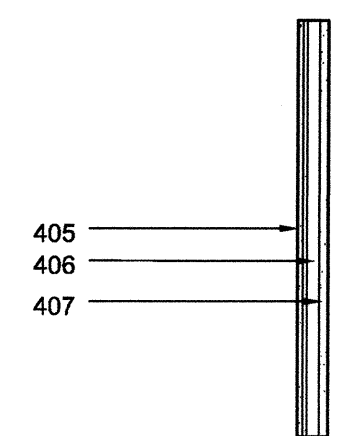
11 WALL TYPE 11
1/2" = 1'-0"



04 WALL TYPE 04
1/2" = 1'-0"



08 WALL TYPE 08
1/2" = 1'-0"



12 WALL TYPE 12 - 2 HR RATED SHAFT WALL
1/2" = 1'-0"

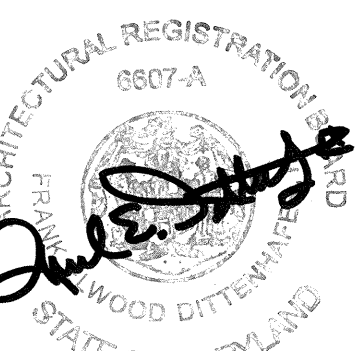
KEYED NOTES

EVERY NOTE LISTED BELOW MAY NOT BE USED ON THIS DRAWING SHEET. FOR ANY NOTE USED ON THIS SHEET BUT NOT LISTED BELOW, REFER TO THE KEYED NOTE MASTER LIST ON SHEET CS-2.

- 001 EXISTING CONSTRUCTION
- 130 CAST-IN-PLACE CONCRETE WALL
- 132 1 1/2" RIGID CAVITY-WALL INSULATION WITH AIRSPACE MAINTENANCE AND DRAINAGE SYSTEM
- 133 2" AIR SPACE
- 231 8" CONCRETE MASONRY UNITS - SEE STRUCTURAL FOR GROUTING AND REINFORCEMENT
- 250 6" COLD FORMED STEEL STUDS - SEE STRUCTURAL
- 270 HIGH DENSITY PREFINISHED CONCRETE MASONRY UNITS (HDP-CMU) - NOMINAL 4" THICK U.N.O. - SEE ELEVATIONS FOR FINISH
- 280 5/8" GYPSUM SHEATHING
- 281 INSTALL SPRAY-APPLIED AIR BARRIER MEMBRANE OVER GYPSUM SHEATHING
- 283 R-19 BATT INSULATION - INSTALL WITH VAPOR BARRIER TO INSIDE FACE
- 309 NOMINAL 2" HDP-CMU VENEER (BASE BID)
- 310 1 1/2" STONE VENEER ON STAINLESS STEEL ANCHORAGE / SUPPORT SYSTEM (ALT. BID)
- 399 METAL DRYWALL STUDS - 6" X 20 GA @ 16" O.C. U.N.O.
- 400 METAL DRYWALL STUDS - 2 1/2" X 20 GA @ 16" O.C. U.N.O.
- 401 METAL DRYWALL STUDS - 3 3/4" X 20 GA @ 16" O.C. U.N.O.
- 402 1/4" HAT CHANNEL DRYWALL FURRING
- 404 3" MINERAL FIBER ACOUSTICAL BATT INSULATION
- 405 2 LAYERS OF 5/8" GYPSUM WALL BOARD
- 406 2-1/2" C-H METAL SHAFT WALL STUDS
- 407 1" GYPSUM LINER PANEL
- 427 3 3/4" C-H METAL SHAFT WALL STUDS
- 500 5/8" GWB - IMPACT RESISTANT WHERE INDICATED ON ROOM FINISH SCHEDULE
- 551 STEEL CHANNEL STRINGER

Murphy & Dittmer
ARCHITECTS
228 West Market Street, York, Pennsylvania 17401
717-843-2449 Fax
717-843-2449 Voice

CONSULTANT



PHASE ONE: ADDITION TO STATE OFFICE BUILDING NO.3
2100 GUILFORD AVENUE, BALTIMORE, MD 21218
MARYLAND DEPARTMENT OF GENERAL SERVICES

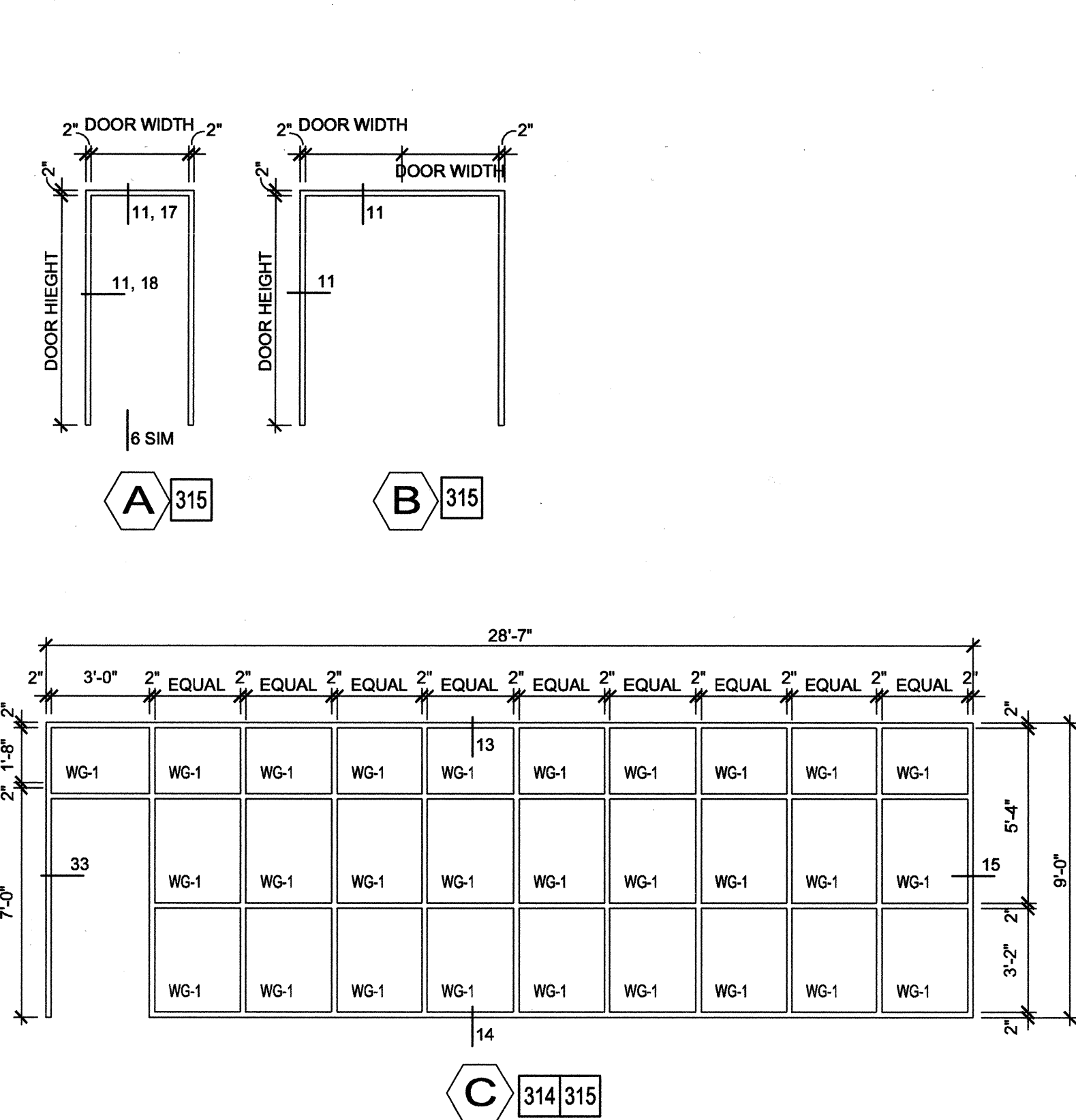
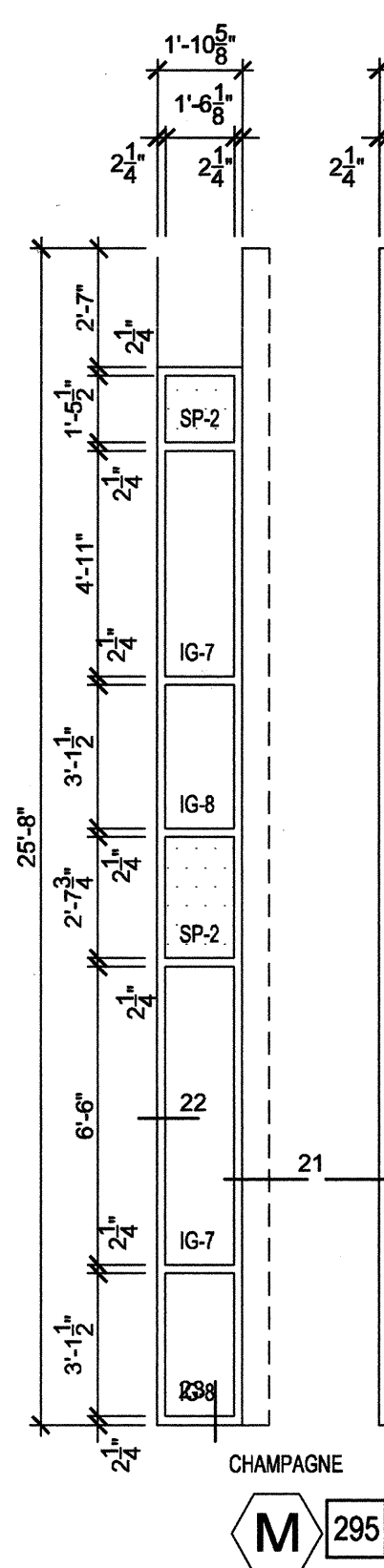
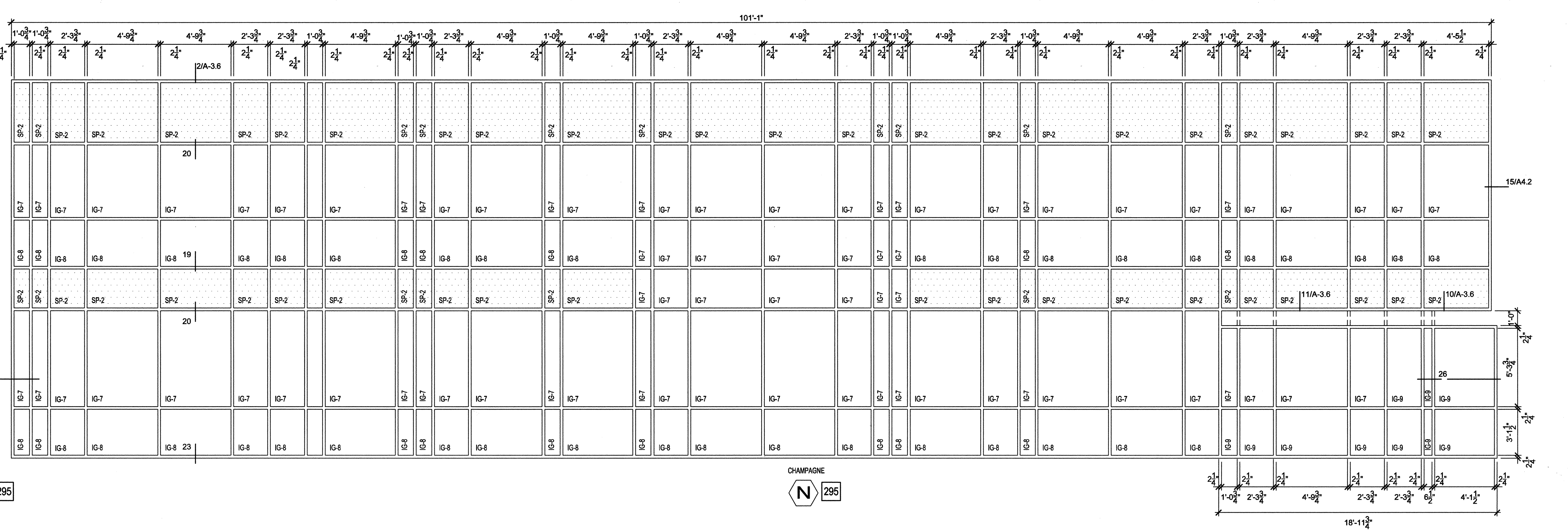
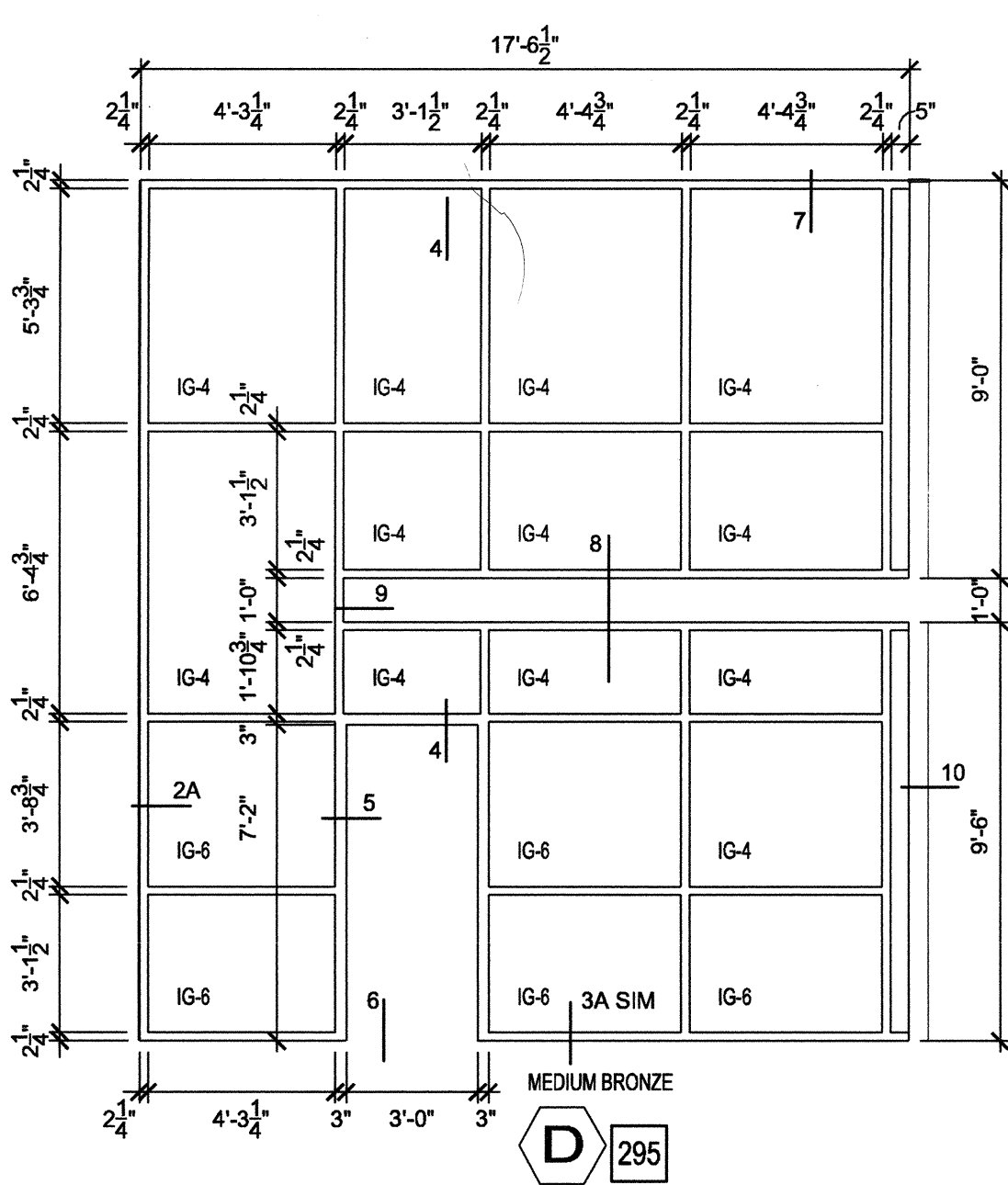
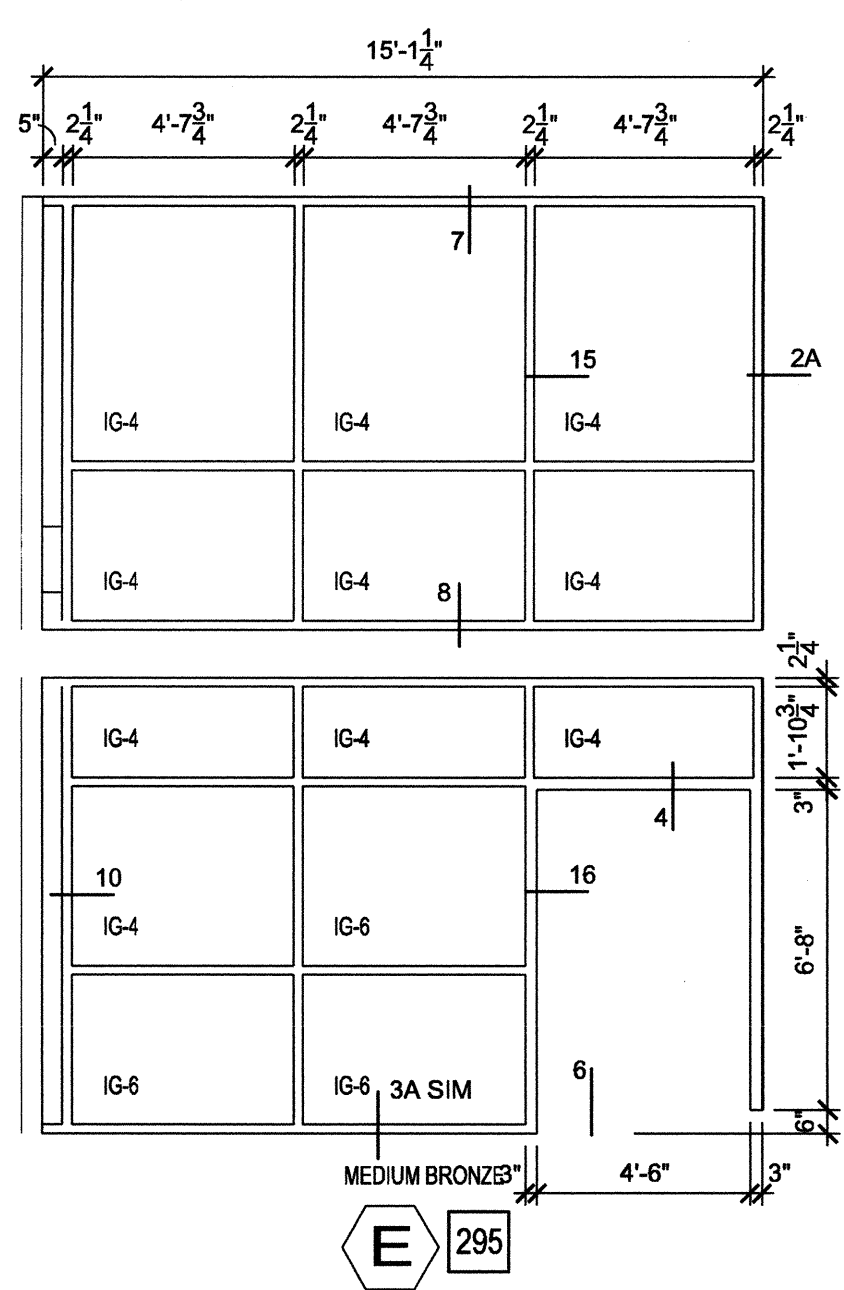
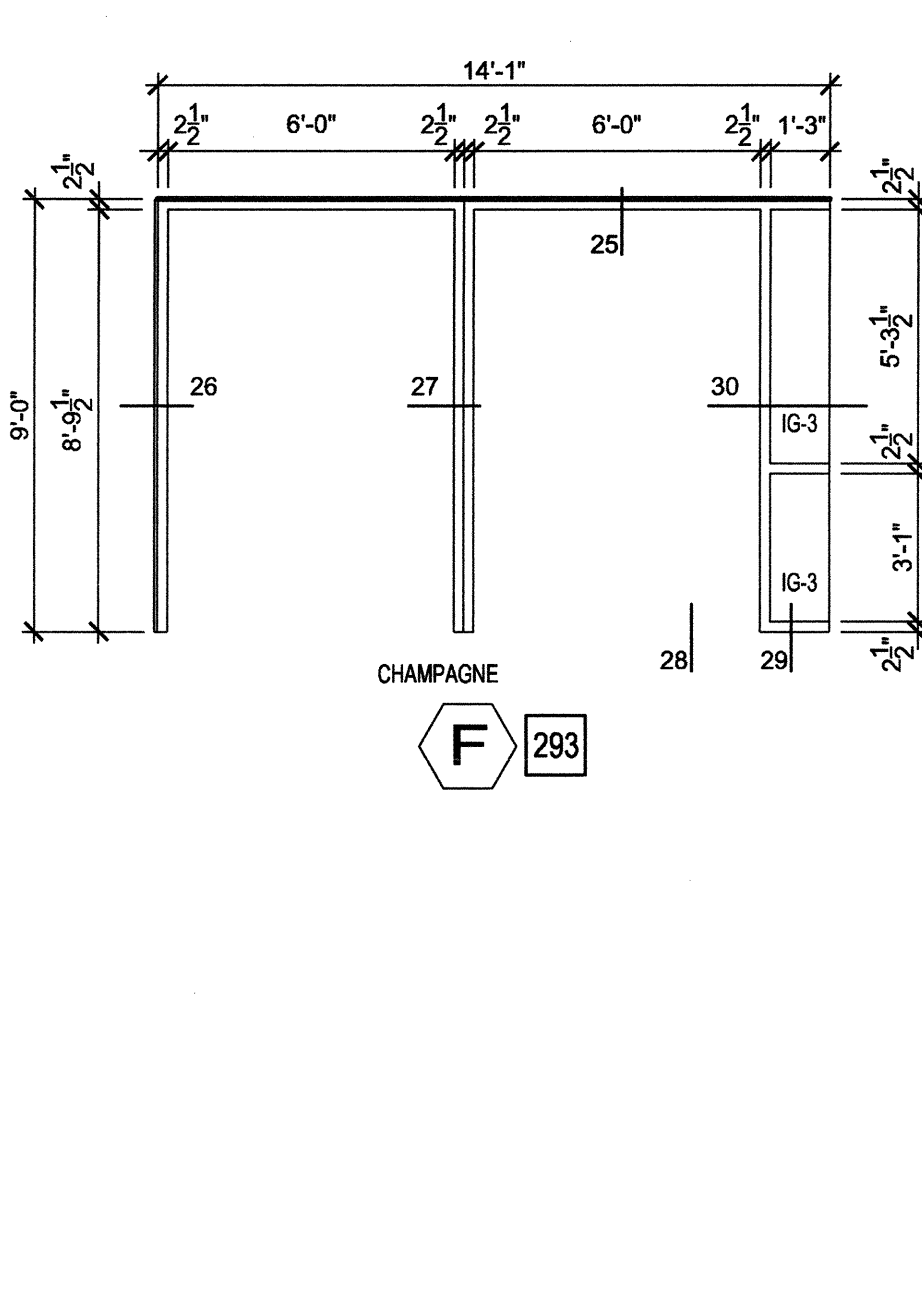
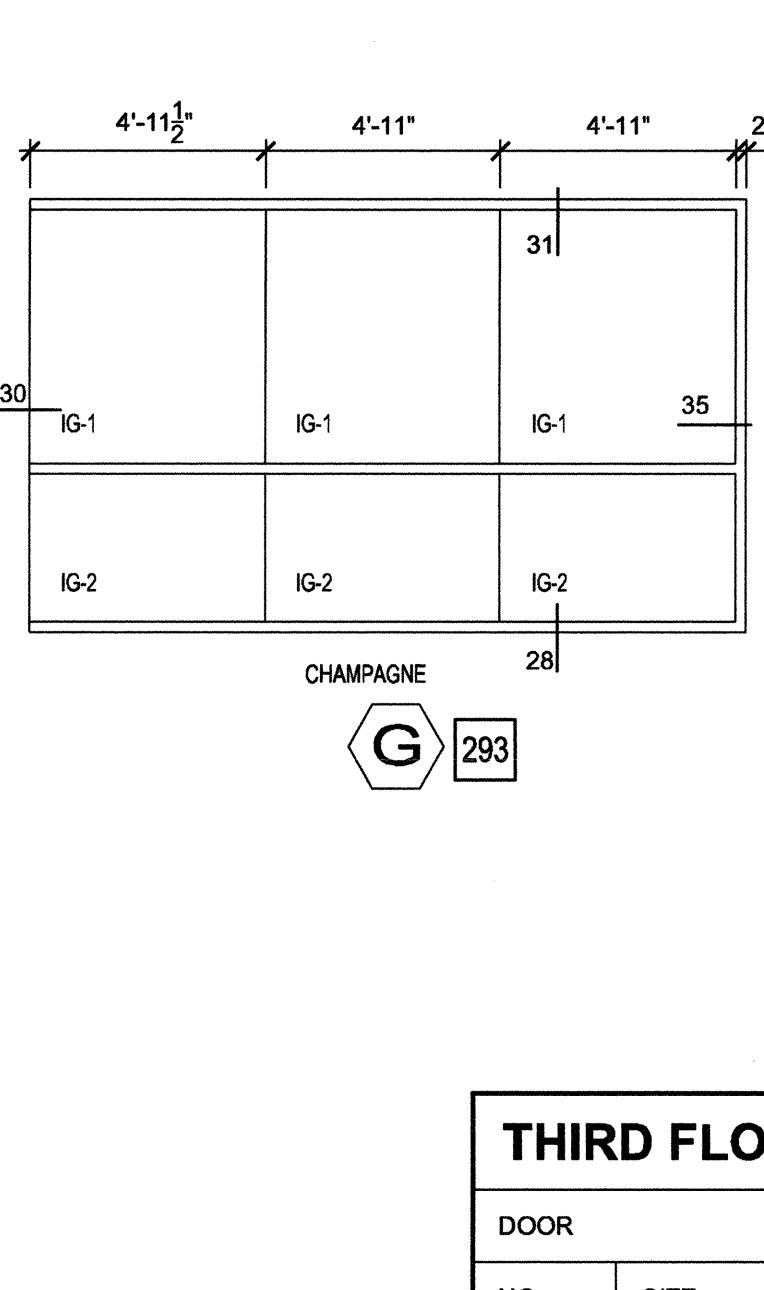
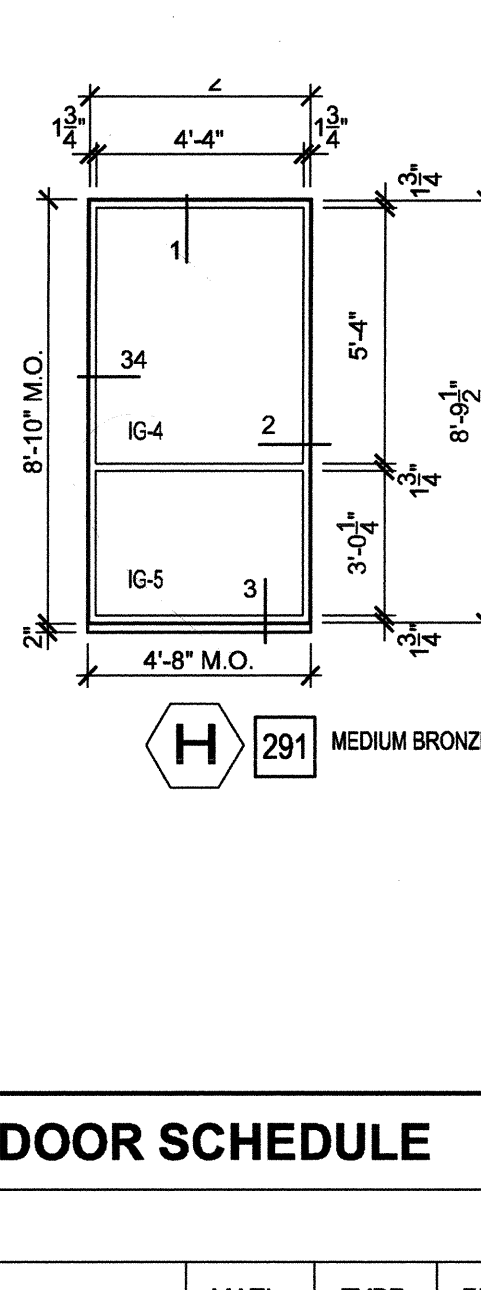
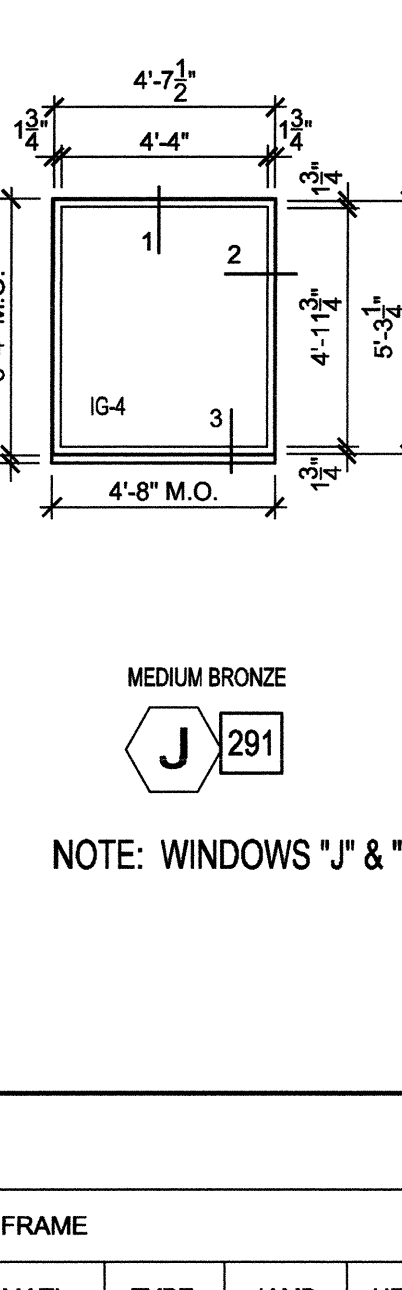
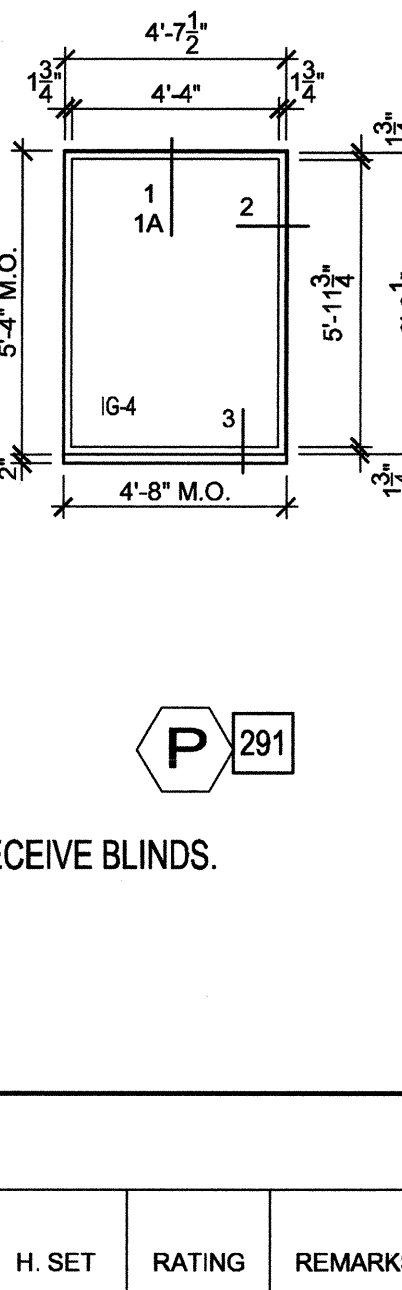
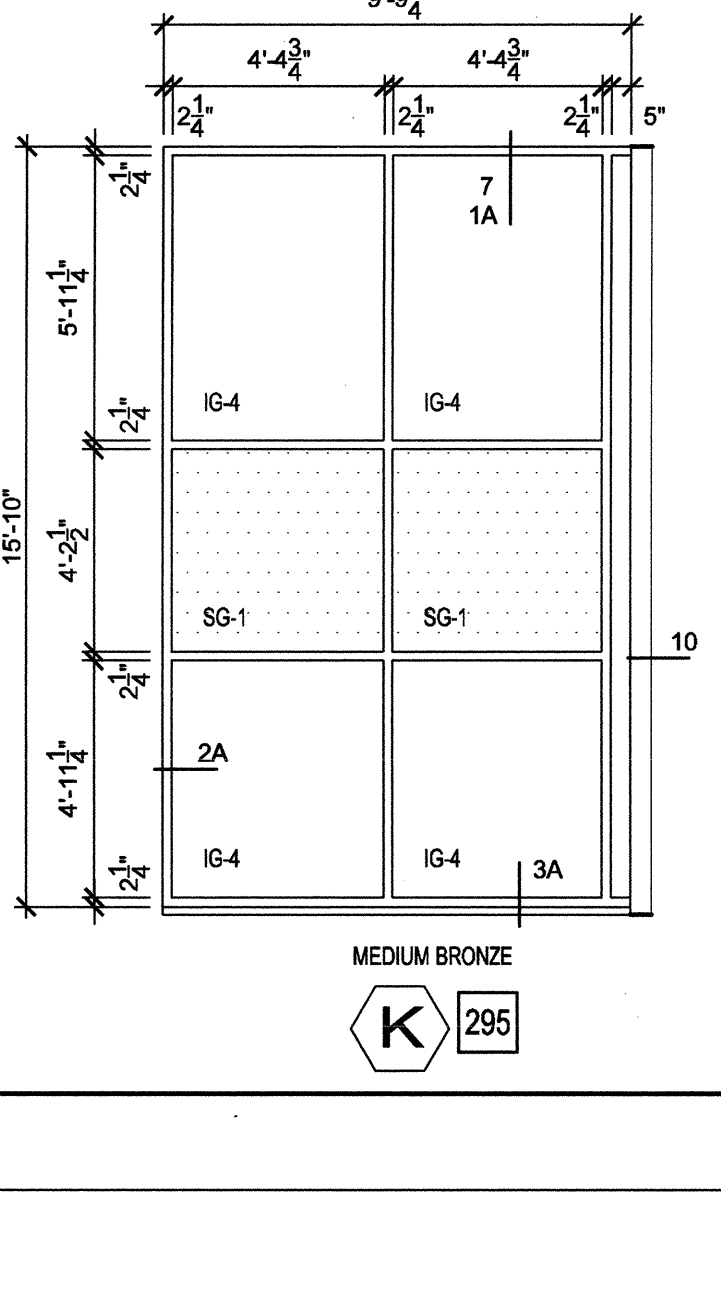
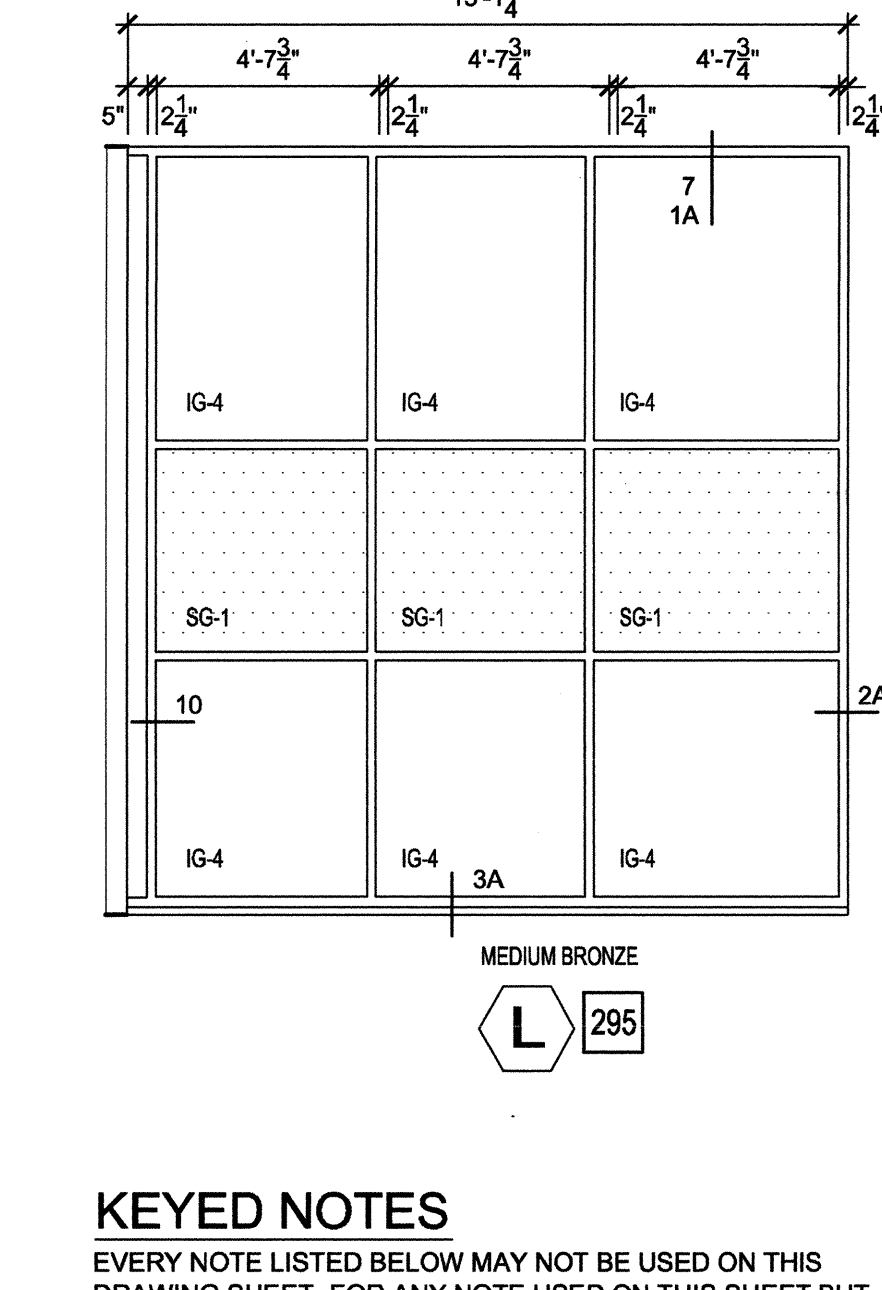
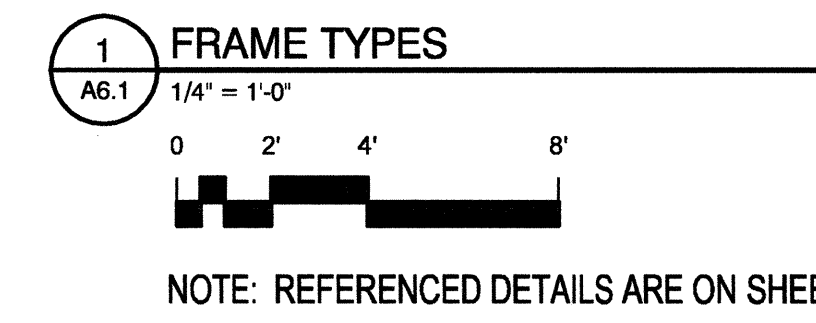
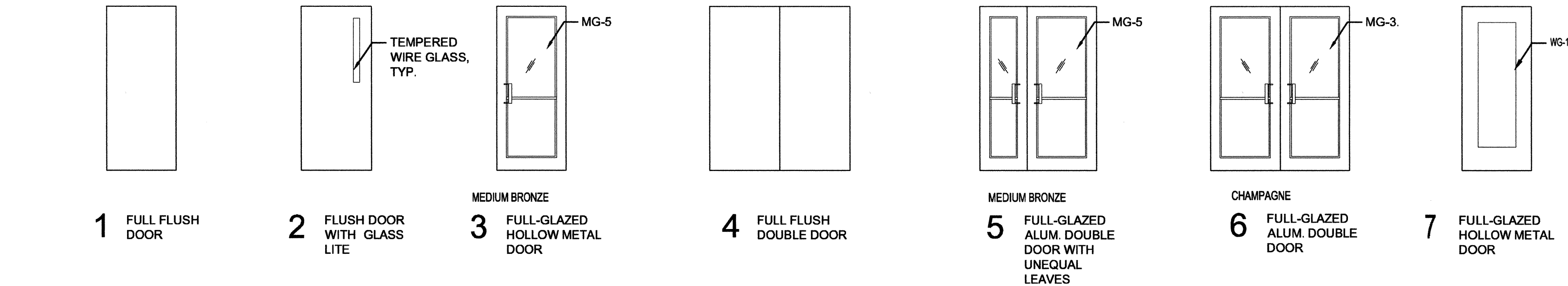
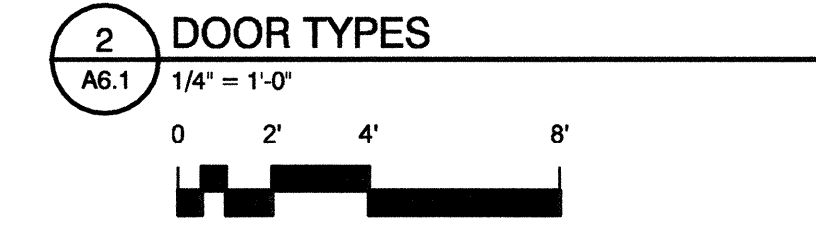
NO.	DATE	DESCRIPTION

CAD DWG FILE: 03183
DRAWN BY: GCH
CHECKED BY: JPS
PROJECT NO: BB-621-003-001
DATE: 3/03/06

FINISHES & WALL TYPES

A5.1

SHEET 38 OF 91



THIRD FLOOR DOOR SCHEDULE										
DOOR				FRAME				H. SET	RATING	REMARKS
NO.	SIZE	MATL.	TYPE	FIN.	MATL.	TYPE	JAMB	HEAD		
301A	3'-0" x 7'-0"	WD	2	ST	HM	A	11	11	7	--
301B	3'-0" x 7'-0"	WD	2	ST	HM	A	11	11	7	--

SECOND FLOOR DOOR SCHEDULE										
DOOR				FRAME				H. SET	RATING	REMARKS
NO.	SIZE	MATL.	TYPE	FIN.	MATL.	TYPE	JAMB	HEAD		
204	3'-0" x 7'-0"	WD	2	ST	HM	A	12	12	10	B
205	3'-0" x 7'-0"	WD	2	ST	HM	A	12	12	10	B
207	3'-0" x 7'-0"	WD	1	ST	HM	A	11	11	12	--
208	3'-0" x 7'-0"	WD	1	ST	HM	A	11	11	12	--

FIRST FLOOR DOOR SCHEDULE										
DOOR				FRAME				H. SET	RATING	REMARKS
NO.	SIZE	MATL.	TYPE	FIN.	MATL.	TYPE	JAMB	HEAD		
103	3'-0" x 7'-0"	WD	2	ST	HM	A	12	12	10	B
104	3'-0" x 7'-0"	WD	2	ST	HM	A	12	12	10	B
105	3'-0" x 7'-0"	HM	7	PT	HM	C	33, 15	13	10	C
106A	PR 3'-0" x 7'-0"	AL	6	--	AL	F	27, 30	25	11	--
106B	PR 3'-0" x 7'-0"	AL	6	--	AL	F	26, 27	25	11	--
110	PR 3'-0" x 7'-0"	WD	1	ST	HM	A	11	11	12	--
111	PR 3'-0" x 7'-0"	WD	1	ST	HM	A	11	11	12	--

GROUND FLOOR DOOR SCHEDULE										
DOOR				FRAME				H. SET	RATING	REMARKS
NO.	SIZE	MATL.	TYPE	FIN.	MATL.	TYPE	JAMB	HEAD		
001	1'-6" x 3'-0" x 6'-8"	AL	5	--	AL	E	16, 2A	4	1	--
002A	3'-0" x 7'-2"	AL	3	--	AL	D	5	4	2	--
002B	3'-0" x 7'-0"	WD	1	ST	HM	A	11	11	3	--
003	PR 3'-0" x 7'-0"	HM	4	PT	HM	B	11	11	5	C
004	3'-0" x 7'-0"	HM	1	PT	HM	A	11	11	3	--
005	3'-0" x 7'-0"	HM	1	PT	HM	A	11	11	3	--
006	PR 3'-0" x 7'-0"	HM	4	PT	HM	B	11	11	6	C
007A	PR 3'-0" x 7'-0"	HM	4	PT	HM	B	11	11	5	--
007B	3'-0" x 7'-0"	HM	1	PT	HM	A	11	11	3	--
009	3'-0" x 7'-0"	HM	1	PT	HM	A	11	11	3	--
011	3'-0" x 7'-0"	HM	2	PT	HM	A	12 SIM	12 SIM	9	B
012	3'-0" x 7'-0"	HM	2	PT	HM	A	12 SIM	12 SIM	10	B
014	3'-0" x 7'-0"	HM	1	PT	HM	A	11	11	4	C

KEYED NOTES
 EVERY NOTE LISTED BELOW MAY NOT BE USED ON THIS DRAWING SHEET. FOR ANY NOTE USED ON THIS SHEET BUT NOT LISTED BELOW, REFER TO THE KEYED NOTE MASTER LIST ON SHEET CS-2.

257 BREAK-METAL COVERED FILLER PANEL
 289 PROVIDE TEMPERED GLASS AT THIS PANEL
 291 TWO-PIECE THERMAL ALUMINUM STOREFRONT
 293 OUTSIDE, PRESSURE GLAZED LOW-RISE ALUMINUM CURTAIN WALL SYSTEM FOR STRUCTURAL SEALANT GLAZING
 294 1/2" WIRE GLASS
 295 OUTSIDE, PRESSURE GLAZED LOW-RISE ALUMINUM CURTAIN WALL SYSTEM
 296 1" INSULATED GLASS PANEL
 297 1/2" GLASS PANEL - TEMPERED U.N.O.
 298 1/2" SPANDREL GLASS PANEL
 314 HOLLOW METAL BORROWED LIGHT FRAME
 315 HOLLOW METAL DOOR FRAME

6507-A
 ARCHITECTURAL REGISTRATION BOARD
 STATE OF MARYLAND

PHASE ONE: ADDITION TO STATE OFFICE BUILDING NO.3
 2100 GUILFORD AVENUE, BALTIMORE, MD 21218
 MARYLAND DEPARTMENT OF GENERAL SERVICES

CAD DWG FILE: 03183
 DRAWN BY: SWP
 CHECKED BY: JPS
 PROJECT NO: BB-621-003-001
 DATE: 3/03/06

DOOR & FRAME SCHEDULES

A6.1
 SHEET 39 OF 91



- | C.A.P. - SUPPORTED FOOTING SCHEDULE (6,000 PSF BRG) | | | | |
|---|-------------|-------|-------------------------------------|------------------------------------|
| MARK | SIZE | DEPTH | REINF. | REMARKS |
| W2.0 (TYP) | 2'-0" CONT. | 1'-0" | (3) #5 CONT
#4@18" o/c CROSSBARS | MAX C.A.G. SPACING =
10'-0" O/C |
| W5.0 (TYP) | 5'-0" CONT. | 1'-0" | (6) #5 CONT
#5@12" o/c CROSSBARS | MAX C.A.G. SPACING =
10'-0" O/C |
| MAT1 | SEE PLAN | 1'-0" | #5@12" E.W. 1x6 | SUPPORTED BY C.A.P. |
| F5G | 4'-0" SQ. | 1'-0" | (5) #5 E.W.B. | SUPPORTED BY C.A.P. |
| F7G | 5'-0" SQ. | 1'-2" | (7) #6 E.W.B. | SUPPORTED BY C.A.P. |
| F8G | 6'-0" SQ. | 1'-4" | (8) #6 E.W.B. | SUPPORTED BY C.A.P. |
| F9G | 7'-0" SQ. | 1'-4" | (9) #7 E.W.B. | SUPPORTED BY C.A.P. |
| F10G | 8'-0" SQ. | 1'-6" | (10) #7 E.W.B. | SUPPORTED BY C.A.P. |

COLUMN SCHEDULE		
MARK	COLUMN	BASEPLATE
C1	HSS6.00x.250	1" x 12" x 12" w/ 9" MIN EMBED + 3" HOOK 3/4"ø ANCHOR BOLTS w/ 9" MIN EMBED + 3" HOOK
C2	HSS6.00x.375	1" x 12" x 12" w/ 9" MIN EMBED + 3" HOOK 3/4"ø ANCHOR BOLTS w/ 9" MIN EMBED + 3" HOOK
C3	W8x24	1" x 14" x 14" w/ 9" MIN EMBED + 3" HOOK 3/4"ø ANCHOR BOLTS w/ 9" MIN EMBED + 3" HOOK
C3	W8x11	1" x 14" x 14" w/ 9" MIN EMBED + 3" HOOK 3/4"ø ANCHOR BOLTS w/ 9" MIN EMBED + 3" HOOK

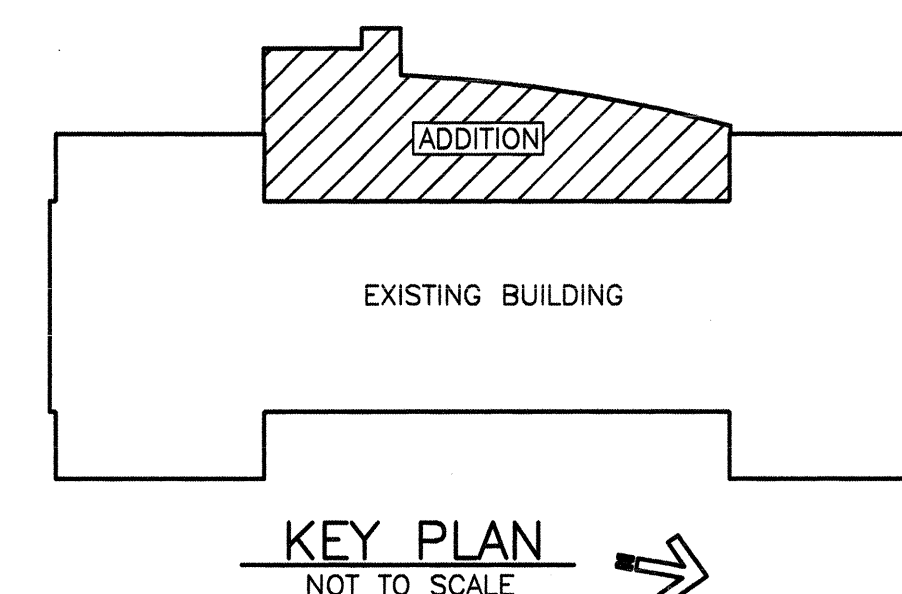
#3 TIES @ 8" o/c

(8) #6 VERT.

2" MIN. (TYP.)

1'-6" SQ.

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

[illegible]

CAD DWG FILE:	03183
DRAWN BY:	NJR
CHECKED BY:	LHS
PROJECT NO:	BB-621-003-0
DATE:	03/03/06



ROOF FRAMING PLAN NOTES:

1. UNLESS NOTED OTHERWISE, ROOF SHALL CONSIST OF 2" B 1/2" NORMAL WEIGHT CONCRETE SLAB OVER 2"x18 GA. GALVANIZED COMPOSITE METAL DECK (TOTAL ROOF SLAB THICKNESS INCLUDING DECK = 4 1/2")
2. WHERE INDICATED, ROOF DECK SHALL CONSIST OF 1 1/2"x22 GAGE, TYPE B, WIDE RIB, PAINTED DECK.
3. TOP OF STEEL ELEVATION SHOWN THIS = (+XXX.XX). SEE ARCHITECTURAL DRAWINGS FOR ADDITIONAL ROOF SLOPE INFORMATION.
4. CONCRETE TO BE REINFORCED WITH 6#6-W1.4X1.4 WELDED WIRE FABRIC.
5. WXXx [XX] - DENOTES COMPOSITE STEEL BEAM WITH [XX] QUANTITY OF 3/4"x4" SHEAR STUDS. SEE DETAIL TYPES FOR SPACING ALONG BEAM.
6. SEE ARCHITECTURAL DRAWINGS FOR DECK OPENINGS NOT SHOWN.
7. THE CONTRACTOR SHALL COORDINATE THE LOCATION OF ALL OPENINGS, PENETRATIONS, MECHANICAL UNITS, DUCTWORK, CONDUNTS, LINTELS, ETC. WITH THE ARCHITECTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS.
8. FRAMING SIZED FOR MECHANICAL UNITS. LOCATION OF MECHANICAL UNITS SHOWN. CONTACT ENGINEER WITH FINAL UNIT LOCATIONS OR WEIGHTS DIFFER FROM THOSE SHOWN PRIOR TO FABRICATION OR ERECTION. COORDINATE BEAM LOCATIONS WITH EQUIPMENT MANUFACTURER PRIOR TO FABRICATION OR ERECTION.
9. BEAM SIZE IS SHOWN FOR A FOLDING PARTITION LOAD OF 150 POUNDS/FOOT MAXIMUM. CONTACT ENGINEER IF WEIGHT OR LOCATION DIFFERS. PROVIDE ROOF BEAM WITH FOLDING PARTITION. CONNECTION OF PARTITION TO BEAM PER MANUFACTURER.



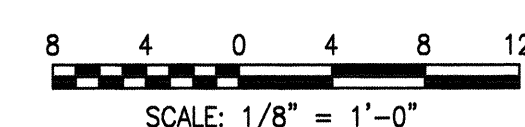
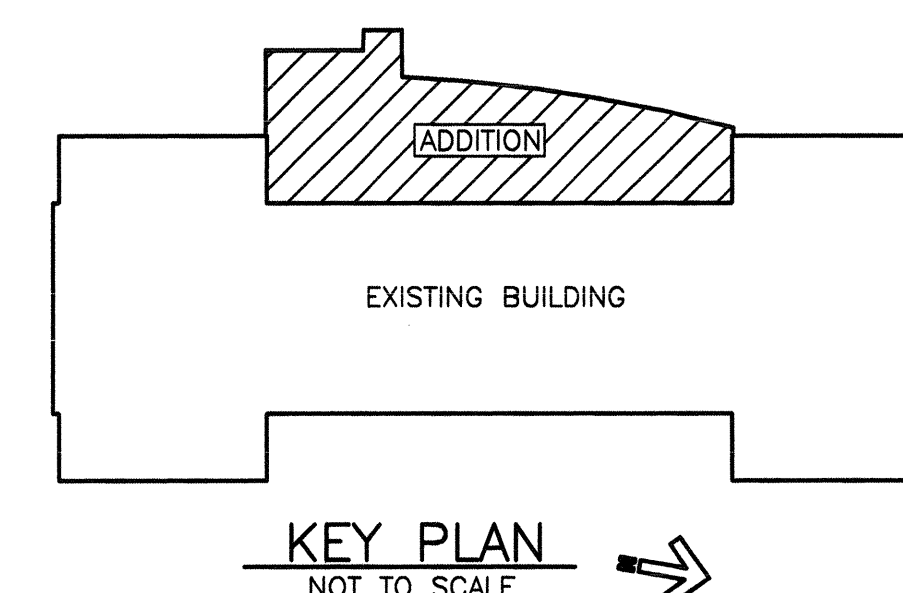
SCALE: $1/8" = 1'-0"$

THIRD FLOOR FRAMING NOTES:

1. ENTIRE FLOOR BE TO BE 1 1/2" NORMAL WEIGHT CONCRETE SLAB OVER 2"x18 GA. GALVANIZED COMPOSITE METAL DECK (TOTAL FLOOR SLAB THICKNESS INCLUDING DECK = 4 1/2")
2. ELEVATION TOP OF CONCRETE SLAB = 165.00.
3. ELEVATION TOP OF STEEL BEAMS TO BE -4 1/2" BELOW TOP OF CONCRETE SLAB, UNLESS NOTED OTHERWISE IN PLAN THIS (-X'-X").
4. CONCRETE TO BE REINFORCED WITH 6x6-W1.4XW1.4 WELDED WIRE FABRIC.
5. WXXX [Xx] = DENOTES COMPOSITE STEEL BEAM WITH [Xx] QUANTITY OF 3/4"xX" SHEAR STUDS. SEE SPECIAL DETAILS FOR SPACING ALONG BEAM.
6. THE CONTRACTOR SHALL COORDINATE THE LOCATION OF ALL FLOOR OPENINGS AND/OR PENETRATIONS, MECHANICAL, UNITS, DUCTWORK, CONDUTES, UNITS, ETC. WITH THE ELECTRICAL, MECHANICAL, AND PLUMBING DRAWINGS.
7. SEE ARCHITECTURAL DRAWINGS FOR ADDITIONAL INTERIOR WALL OPENINGS. REFER TO LINTEL SCHEDULE FOR LINTELS SIZE.

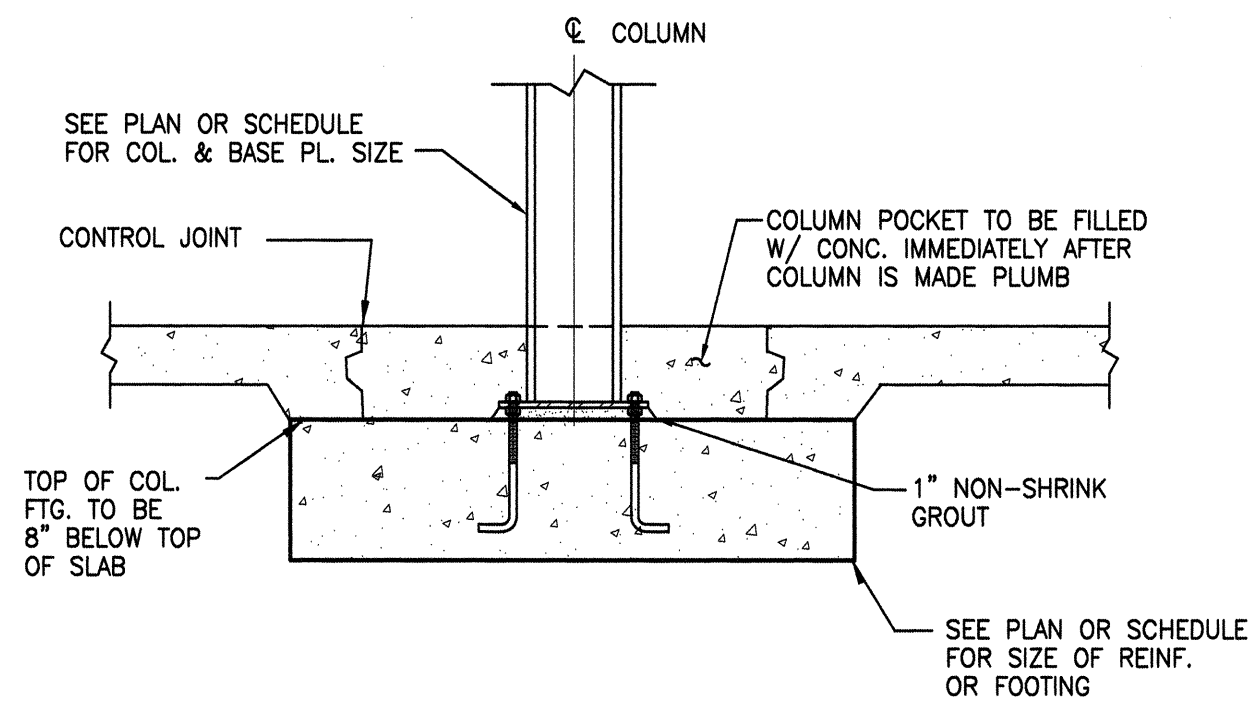
LOW ROOF FRAMING PLAN NOTES:

1. LOW ROOF DECK SHALL CONSIST OF 1 1/2"x22 GAGE, TYPE B, WIDE RIB, PAINTED DECK.
2. JOIST BEARING ELEVATION SHOWN THUS = (xxx.xx) JST BRG.
3. NOTED THUS: SJ DENOTES STRUT JOIST. SEE TYPICAL DETAIL.
4. SEE ARCHITECTURAL DRAWINGS FOR DECK OPENINGS NOT SHOWN.
5. THE CONTRACTOR SHALL COORDINATE THE LOCATION OF ALL OPENINGS, PENETRATIONS, MECHANICAL UNITS, DUCTWORK, CONDUTS, UNTELS, ETC. WITH THE ARCHITECTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS.

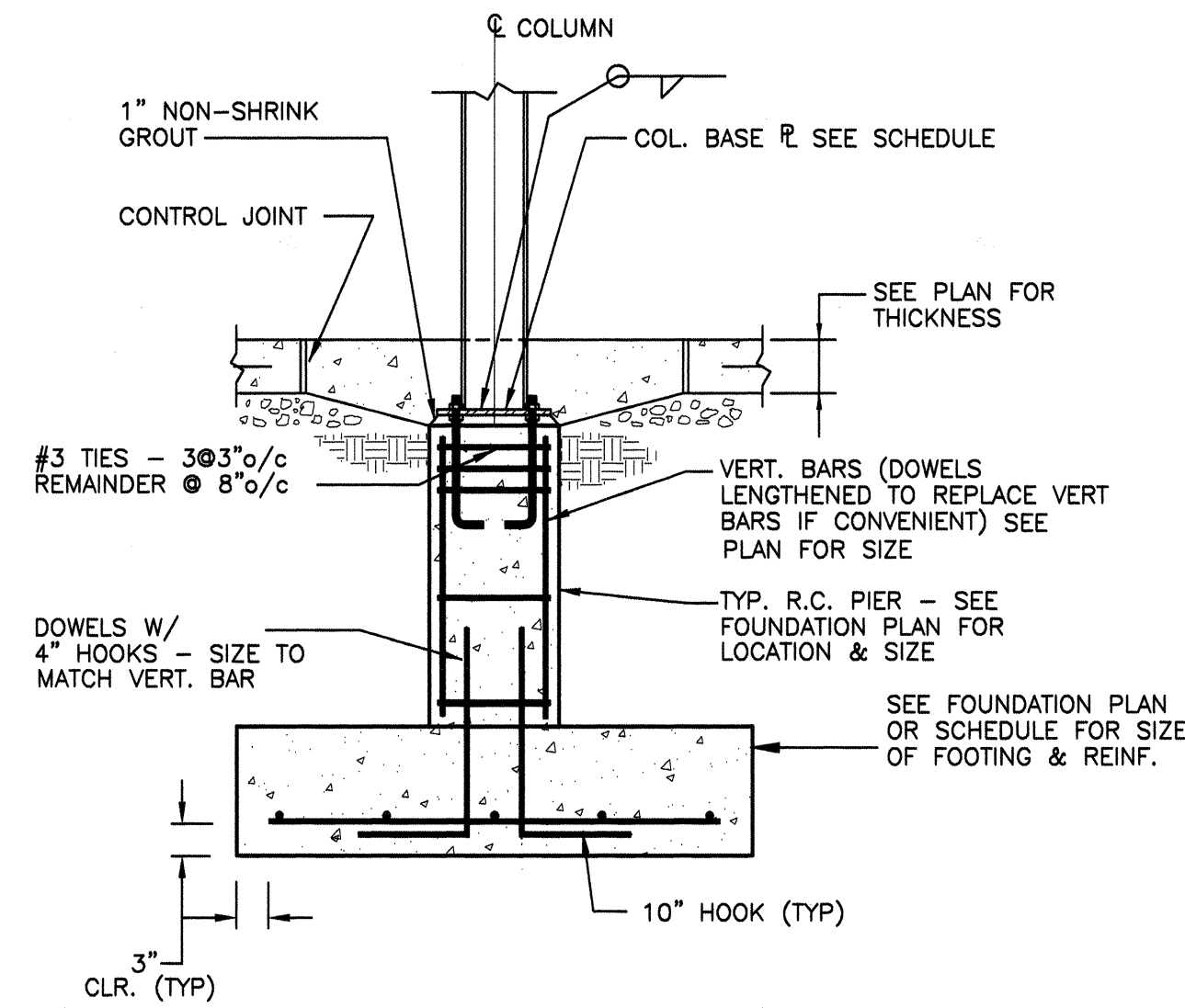


KEY PLAN
NOT TO SCALE

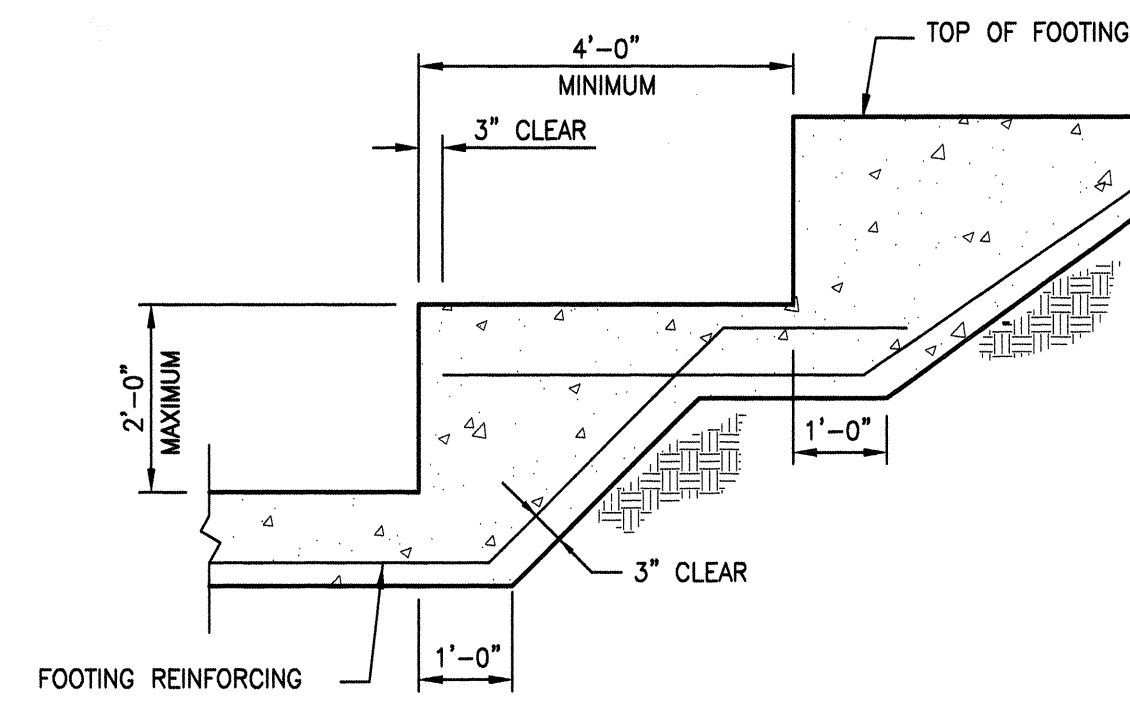
SHEET 45 OF 91



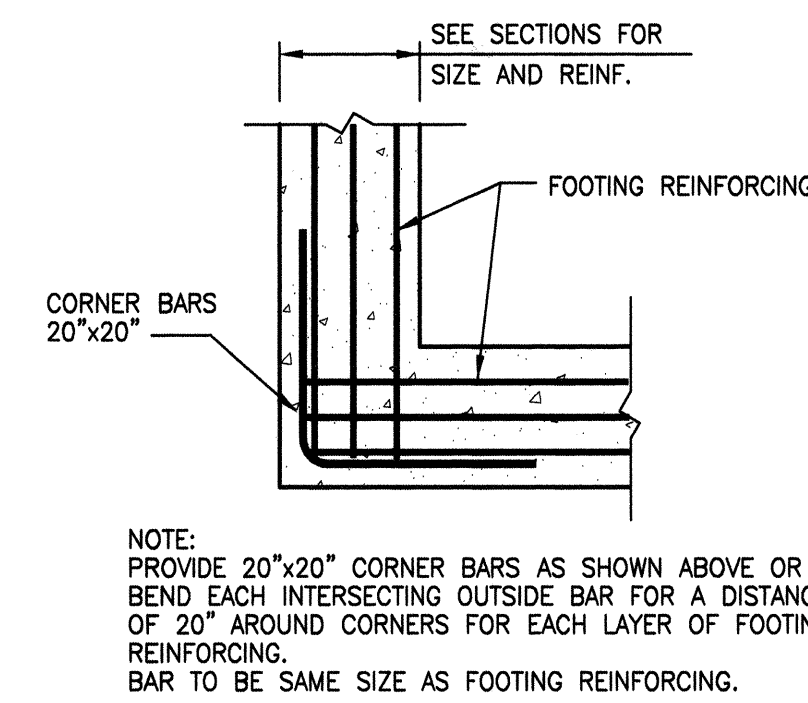
A INTERIOR COLUMN FOOTING
S3.1 SCALE: 3/4" = 1'-0"



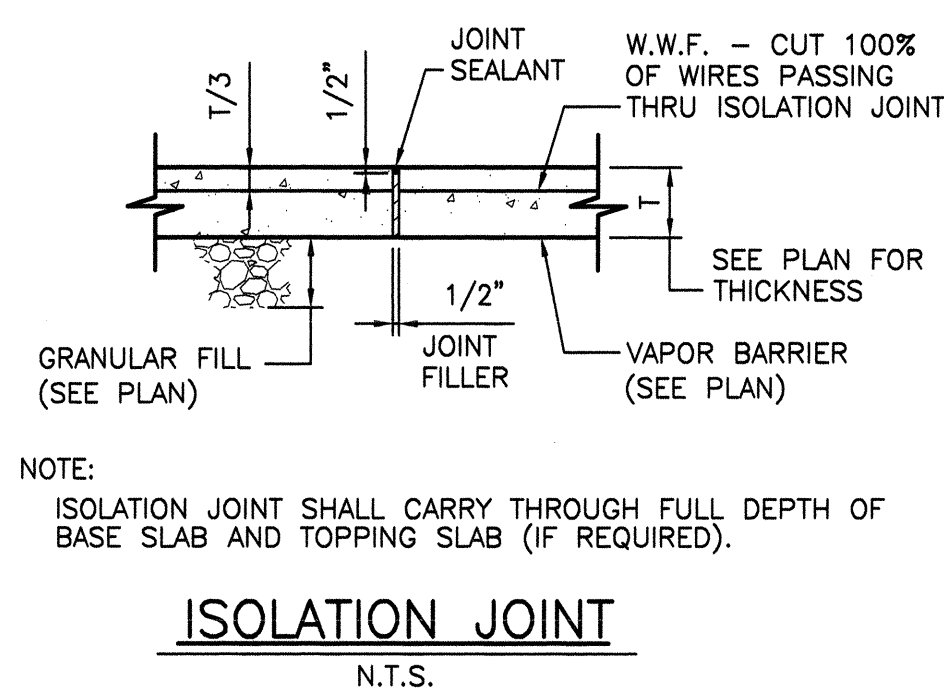
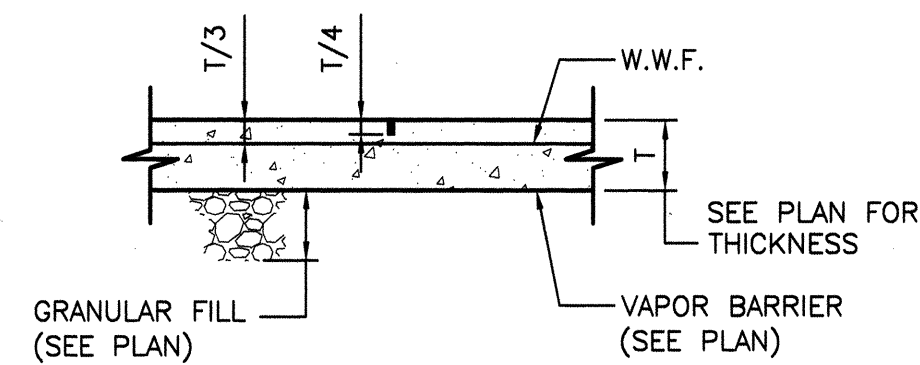
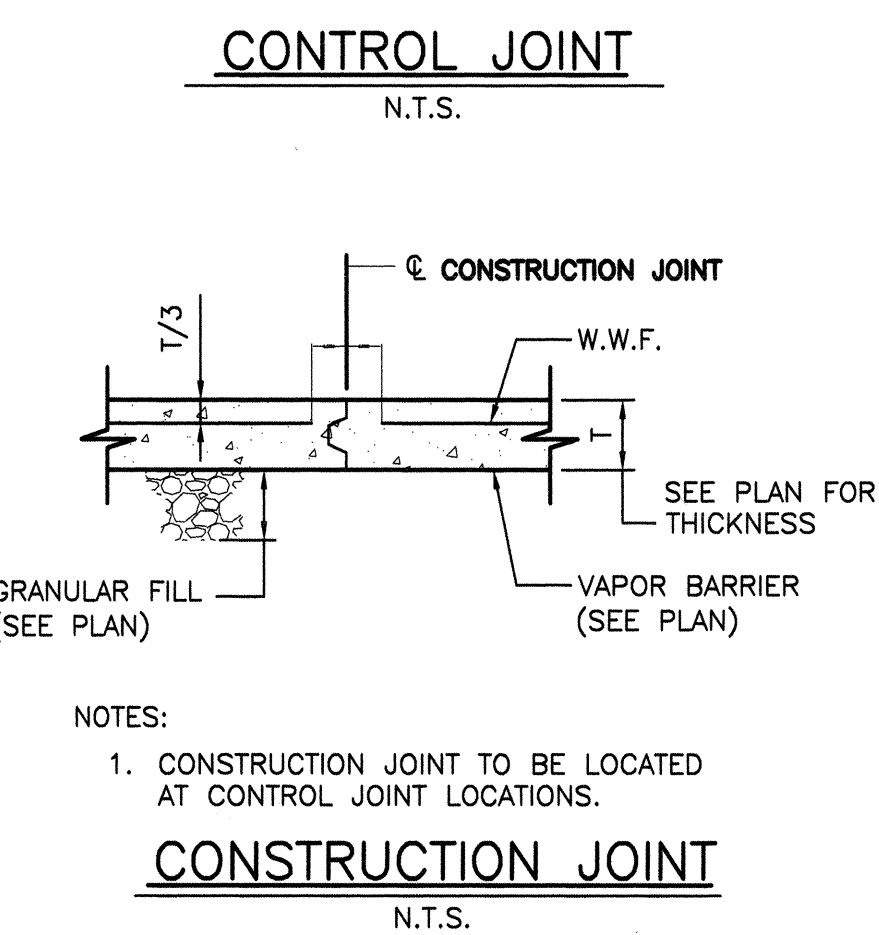
B TYP. COLUMN FOOTING WITH PIER
S3.1 SCALE: 3/4" = 1'-0"



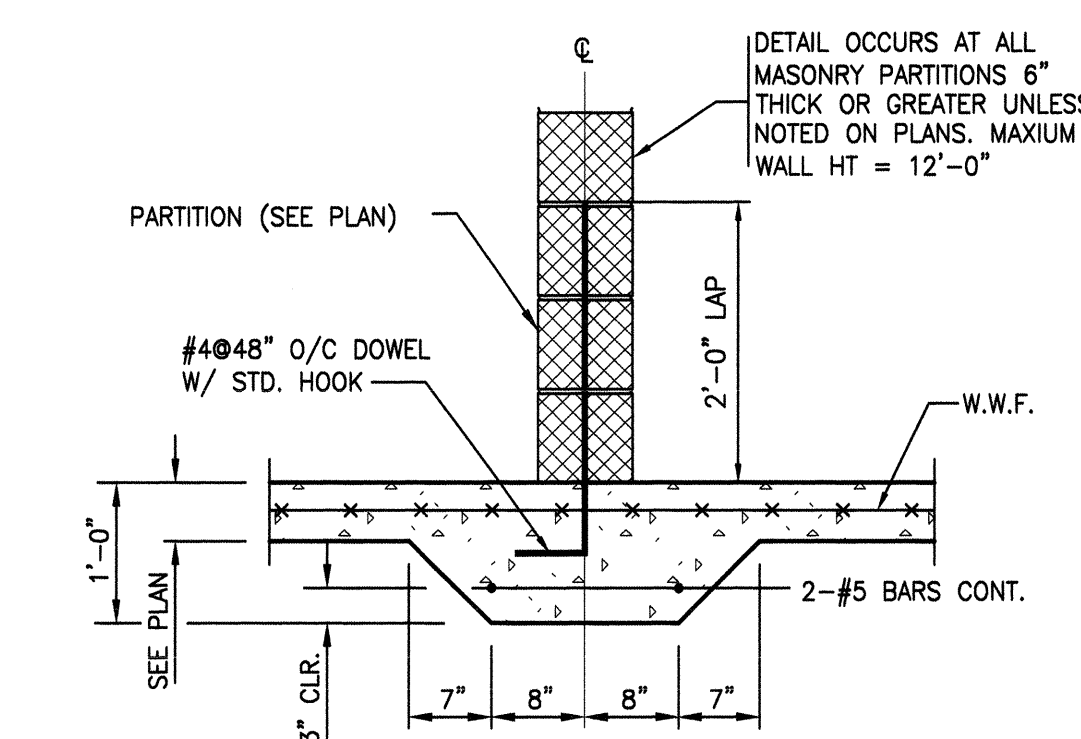
C TYP. STEPPED FOOTING DETAIL
S3.1 SCALE: 3/4" = 1'-0"



D TYP. WALL FOOTING CORNER PLAN
S3.1 SCALE: 3/4" = 1'-0"

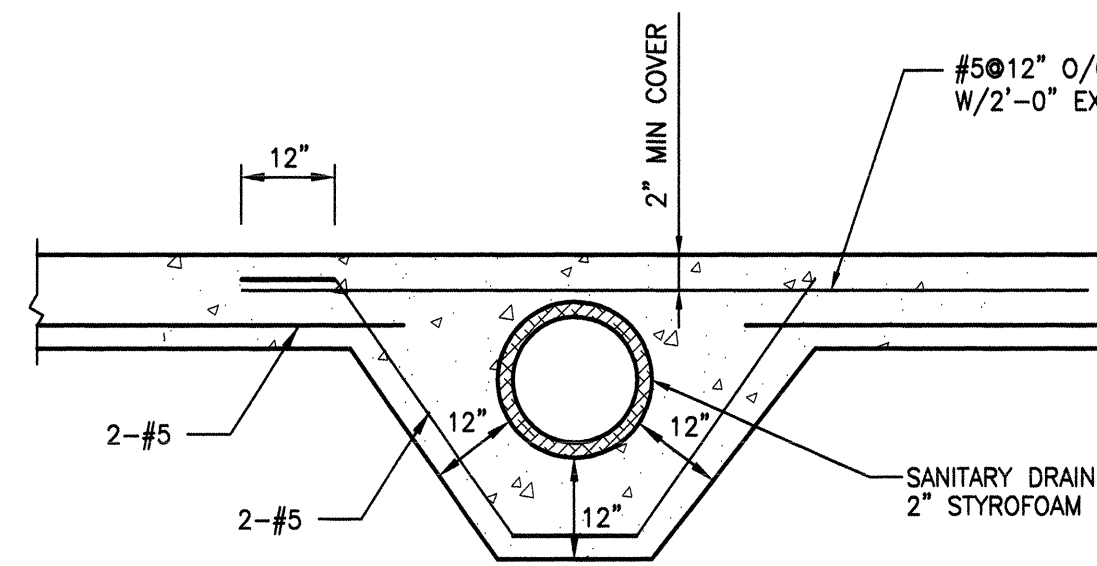


E TYP. SLAB DETAILS
S3.1 SCALE: 1 1/2" = 1'-0"

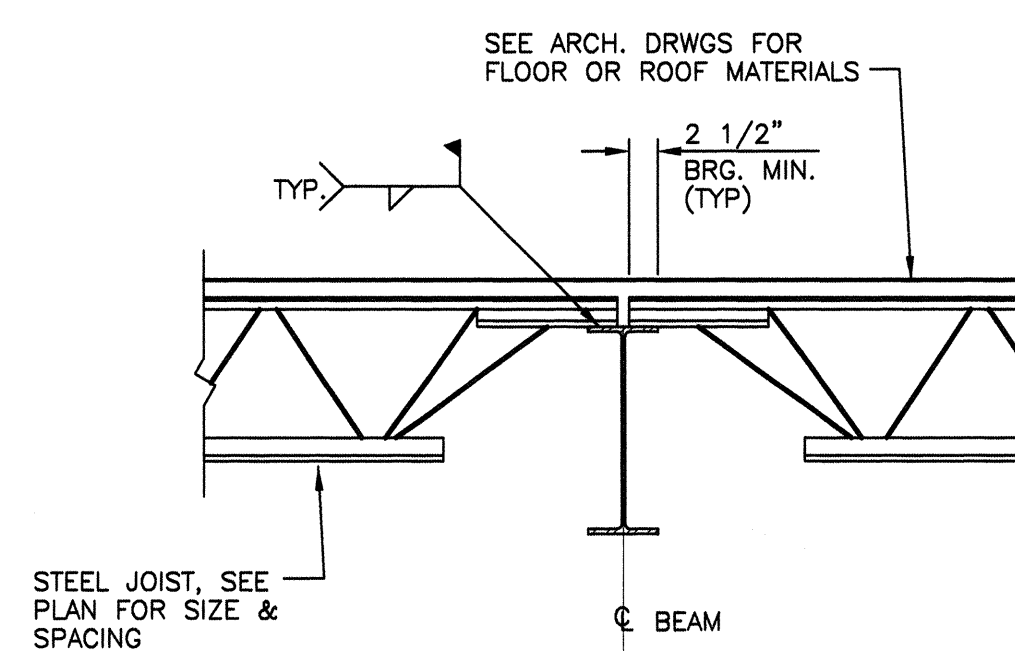


H TYP. BASE PLATE DETAILS
S3.1 SCALE: 3/4" = 1'-0"

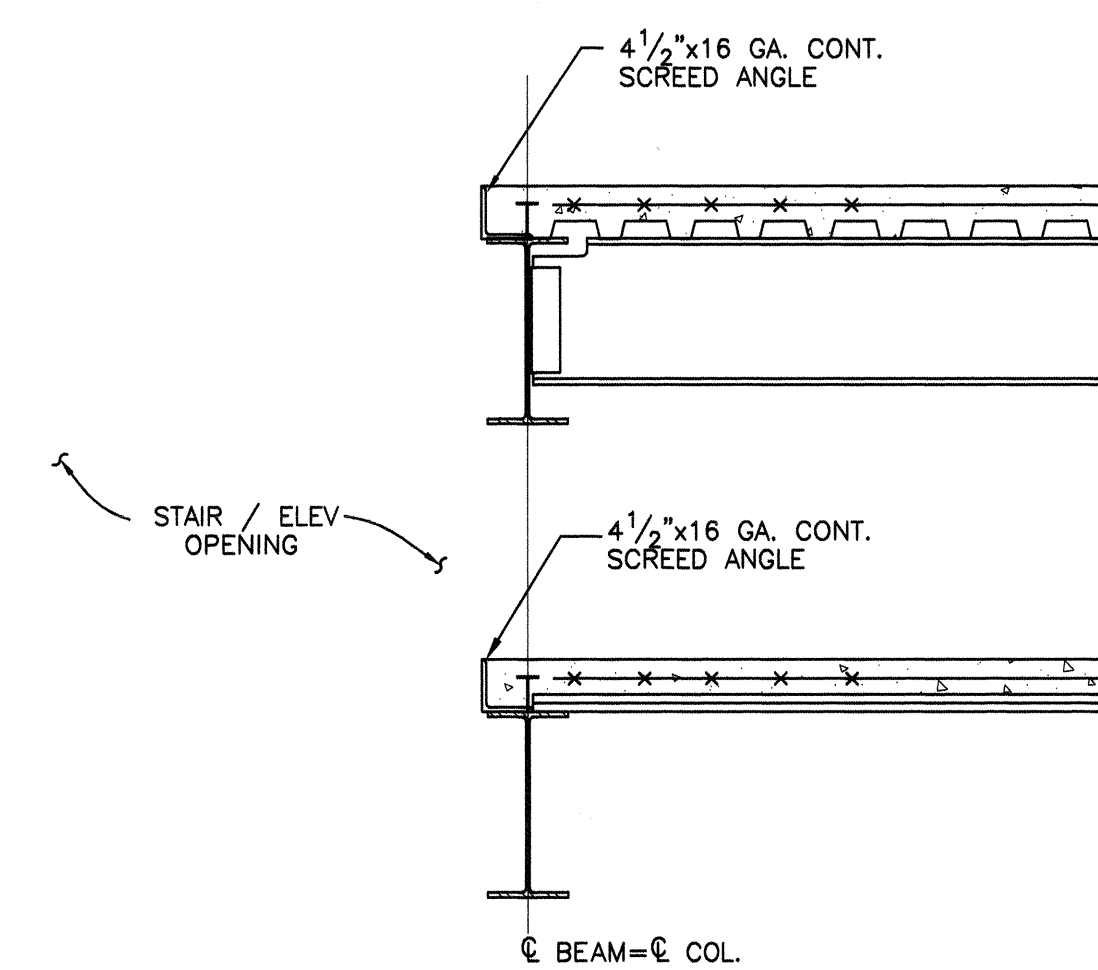
F TYP. THICKENED SLAB FOR NON-LOAD BEARING PARTITIONS
S3.1 SCALE: 3/4" = 1'-0"



I TYP. TWO BEAMS CONNECTION AT COLUMN DETAIL
S3.1 SCALE: 3/4" = 1'-0"



J TYP. JOIST BEARING DETAIL @ BEAM
S3.1 SCALE: 3/4" = 1'-0"



K TYP. OPENING EDGES
S3.1 SCALE: 3/4" = 1'-0"

Murphy & Dittenhafer
ARCHITECTS
800 North Charles Street, Baltimore, Maryland 21201
410-625-4023 (Voice) 410-625-4024 (Fax)

CONSULTANT
CARROLL ENGINEERING, INC.
ENGINEERING & ARCHITECTURE
HUNT VALLEY, MD 21039
410-252-5252 (Voice) 410-275-5315 (Fax)

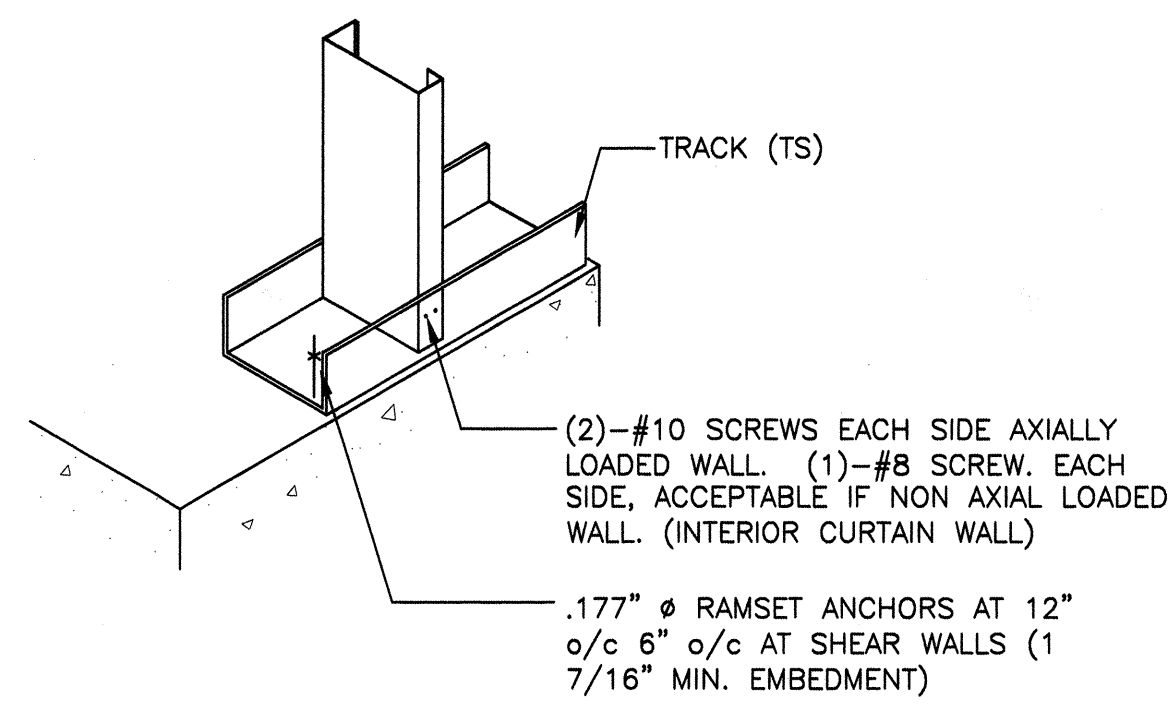
PHASE ONE: ADDITION TO STATE OFFICE BUILDING NO.3
2100 GUILFORD AVENUE, BALTIMORE, MD 21218
MARYLAND DEPARTMENT OF GENERAL SERVICES

STATE OF MARYLAND
DEPARTMENT OF GENERAL SERVICES
PROFESSIONAL ENGINEER
John E. Carroll
4-13-02

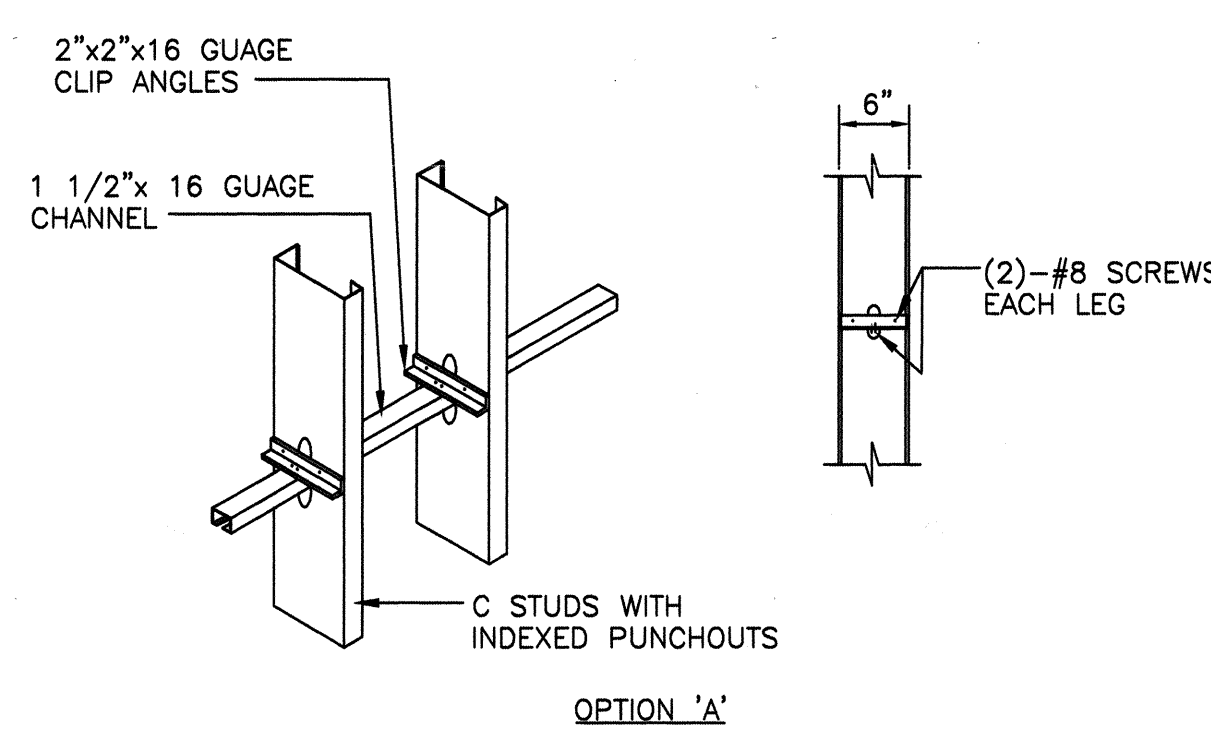
NO.	DESCRIPTION	DATE	MARK

CAD DWG FILE: 03183
DRAWN BY: NJR
CHECKED BY: LHS
PROJECT NO: BB-621-003-001
DATE: 03/03/06
TYPICAL DETAILS

S3.1
SHEET 46 OF 91

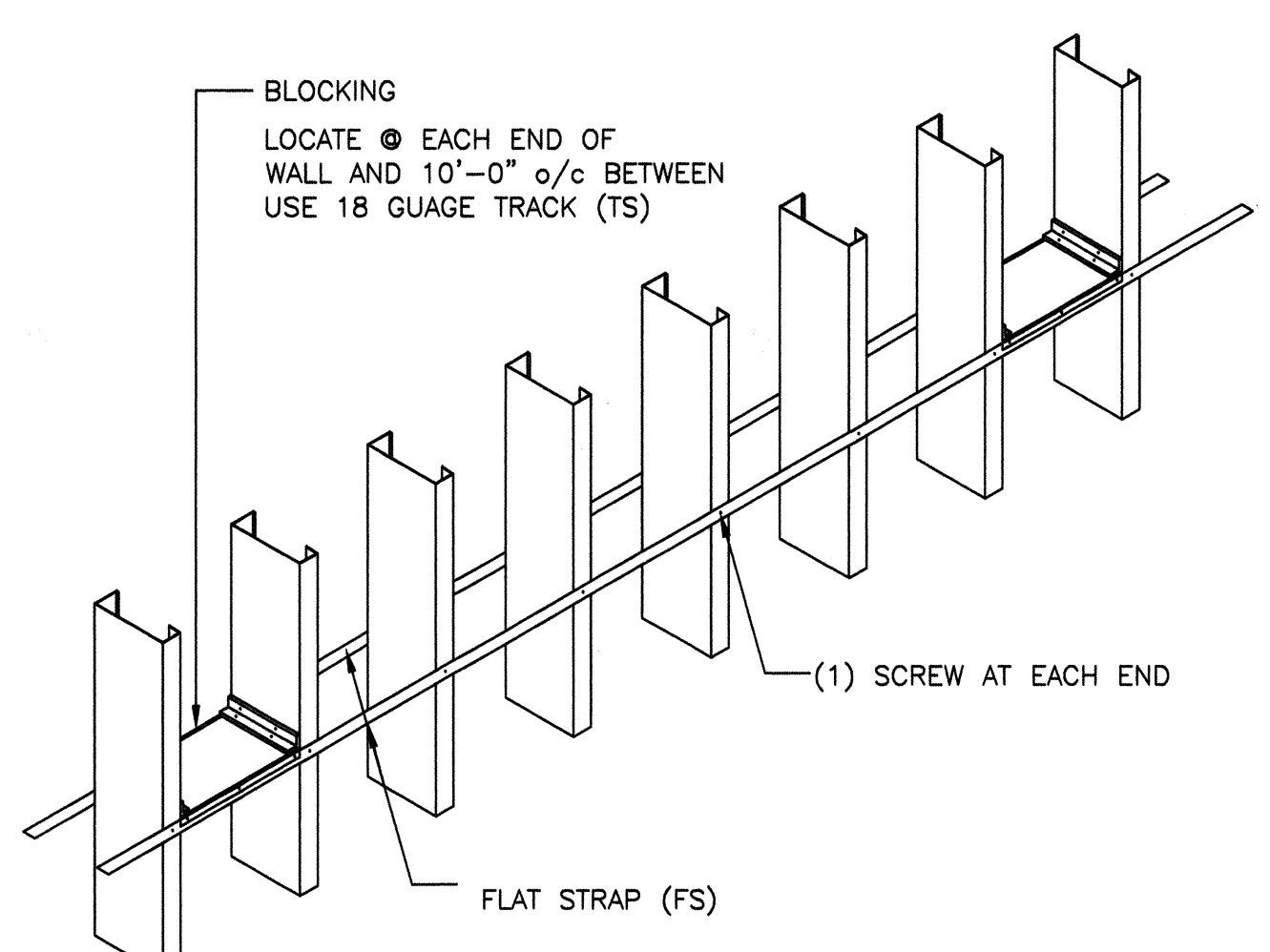


A TYP. STUD/TRACK ATTACHMENTS
S3.2 N.T.S.

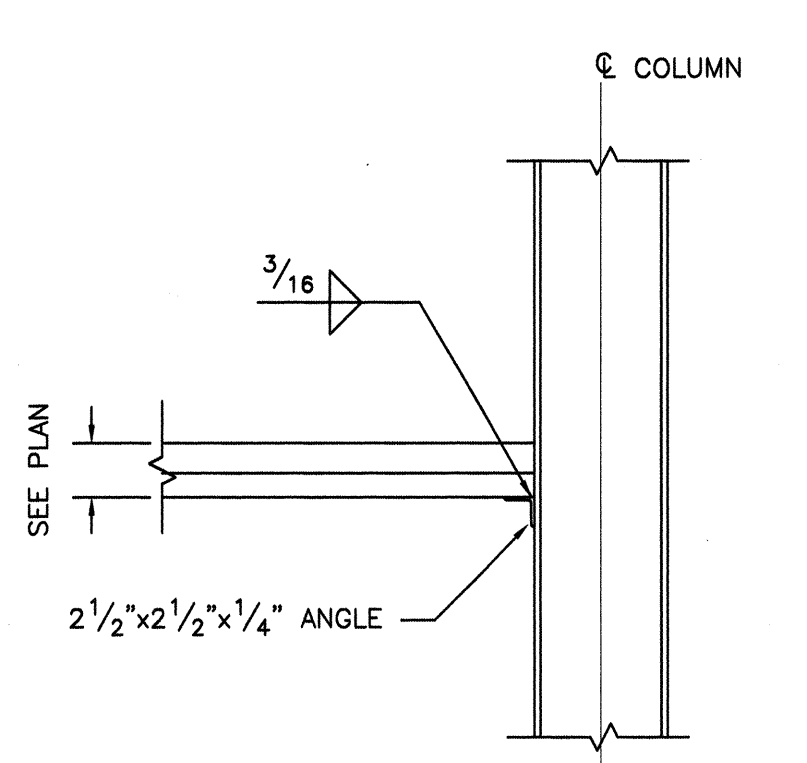


B FLAT STRAP AND BLOCKING
S3.2 N.T.S.

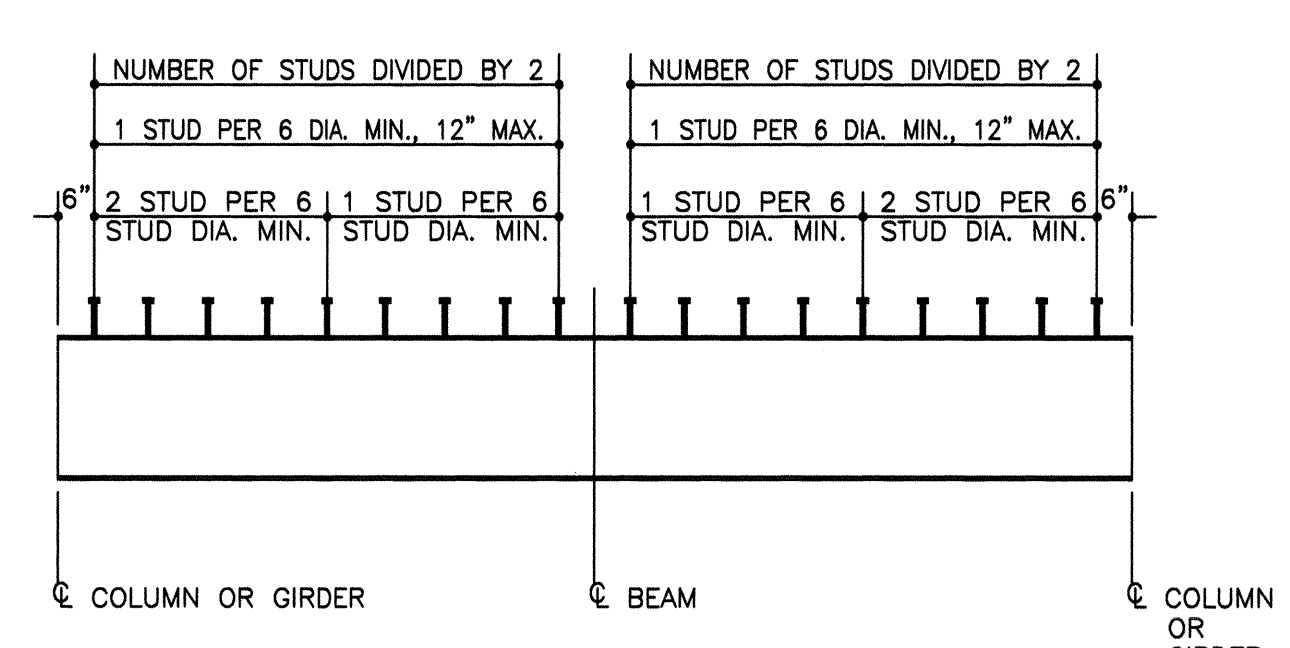
NOTE:
1. HORIZONTAL BRIDGING MUST BE INSTALLED AT 5'-0" o/c OR AT 1/3 POINTS OF WALL HEIGHT, WHICHEVER IS MORE RESTRICTIVE.



C BRIDGING CONNECTIONS
S3.2 N.T.S.

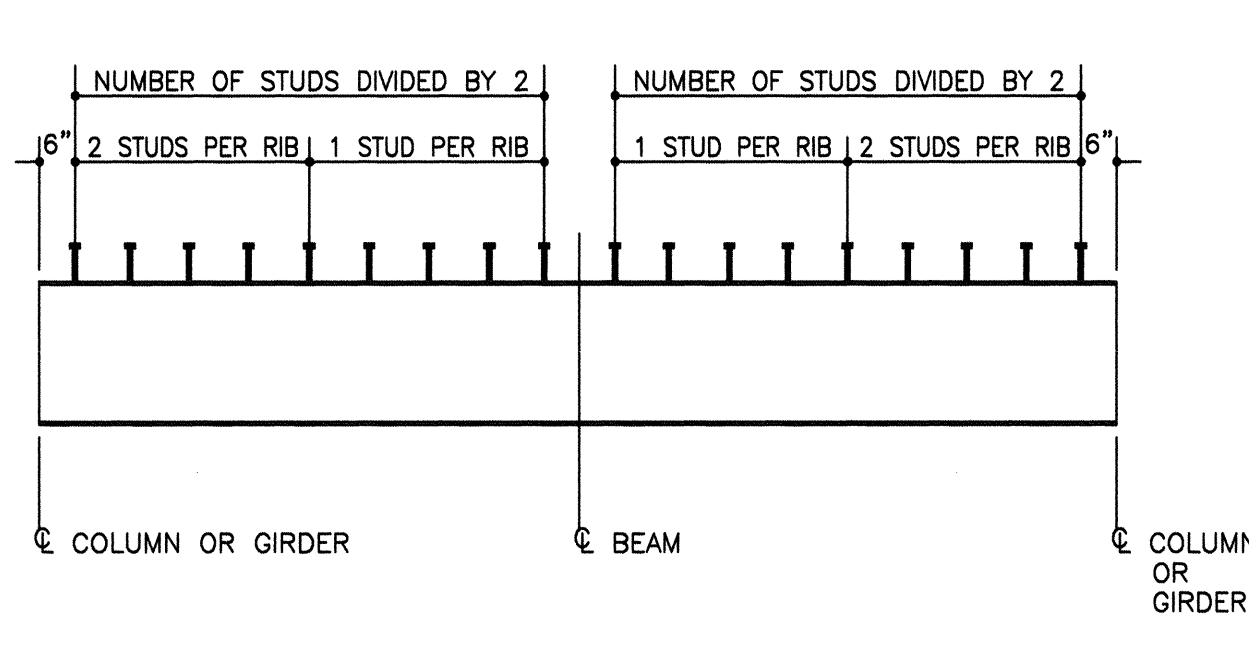


D SUPPORT FOR METAL DECK @ COLUMN
S3.2 SCALE: 3/4" = 1'-0"



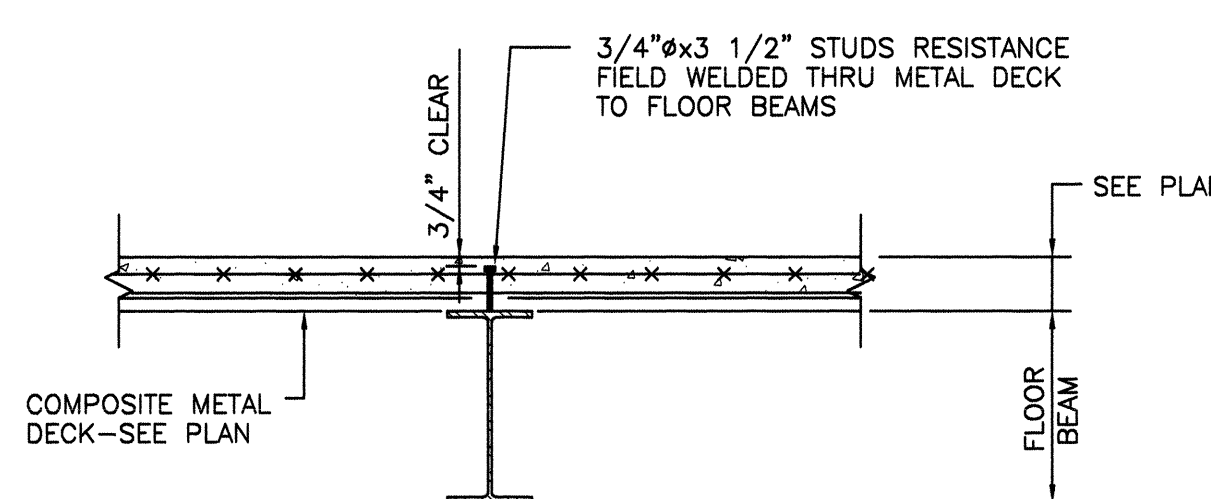
E STUD PLACEMENT WITH DECK RIBS ORIENTED PARALLEL TO STEEL BEAM OR GIRDER
S3.2 SCALE: 3/4" = 1'-0"

NOTE:
THE MINIMUM TRANSVERSE STUD SPACING SHALL BE 4 STUD DIAMETERS.



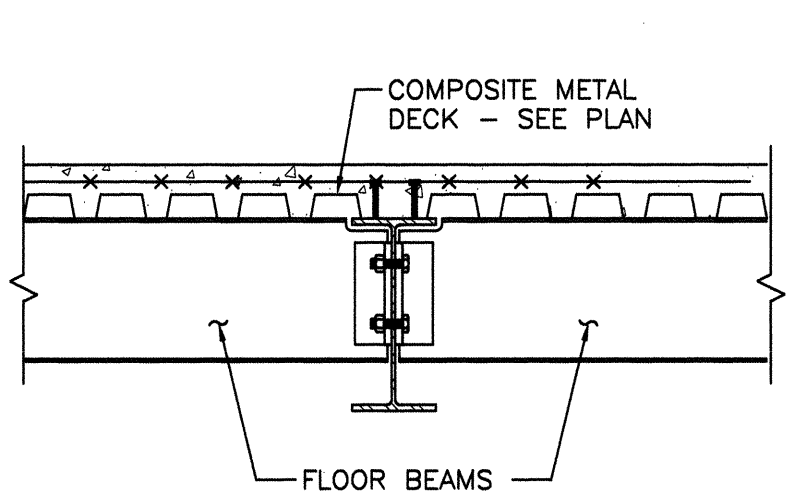
F STUD PLACEMENT WITH DECK RIBS ORIENTED PERPENDICULAR TO STEEL BEAM OR GIRDER
S3.2 SCALE: 3/4" = 1'-0"

NOTE:
THE MINIMUM TRANSVERSE STUD SPACING SHALL BE 4 STUD DIAMETERS.



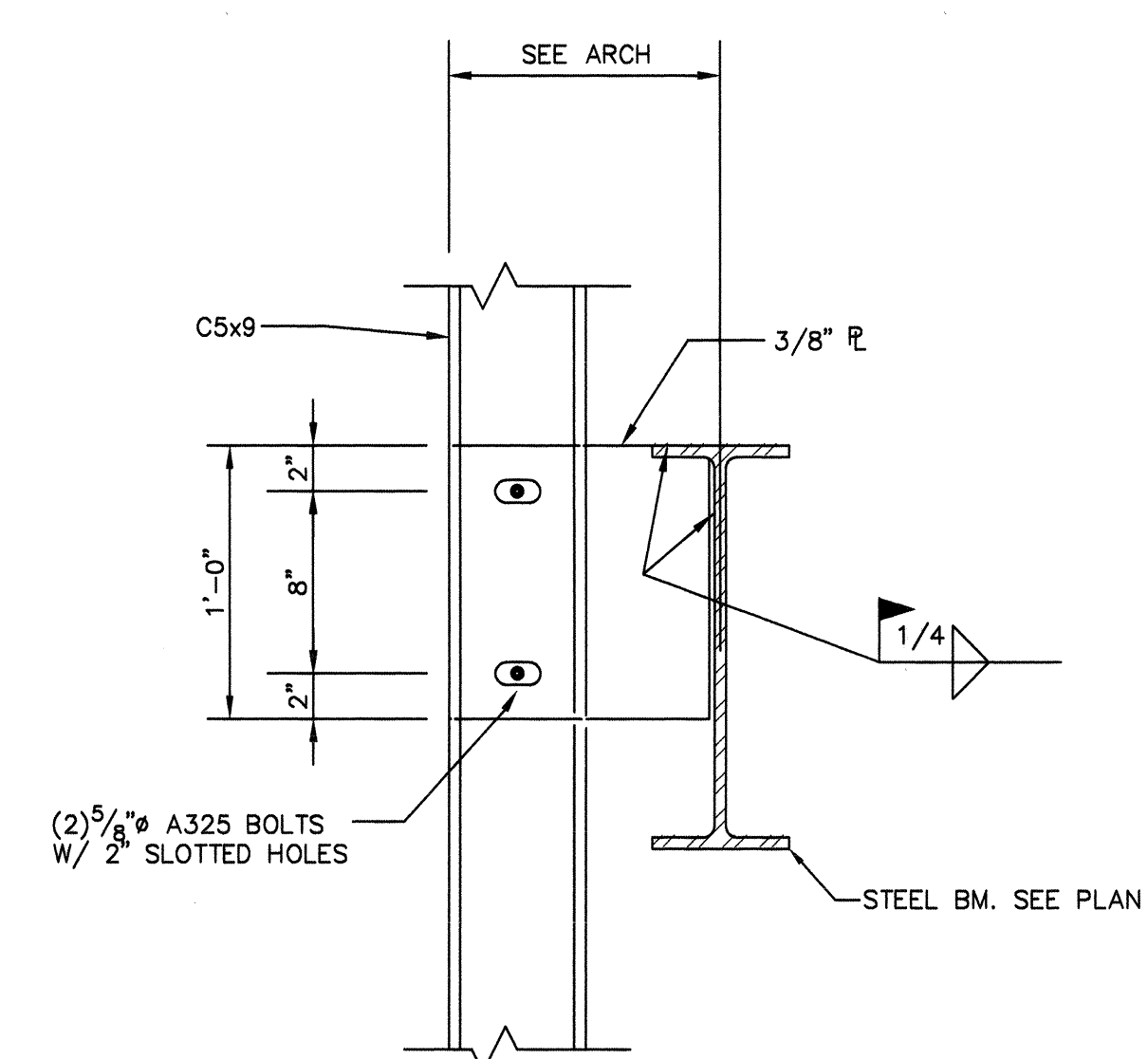
G TYP COMPOSITE BEAM
S3.2 SCALE: 3/4" = 1'-0"

NOTES:
1. NUMBER OF STUDS - SEE PLAN
2. DRAPE WELDED WIRE FABRIC TO PROVIDE 3/4" CLEAR COVER FROM TOP OF SLAB OVER BEAMS. BETWEEN BEAMS WELDED WIRE FABRIC SHALL BE AT MID-DEPTH OF SLAB. PROVIDE HIGH CHAIRS AS REQUIRED.

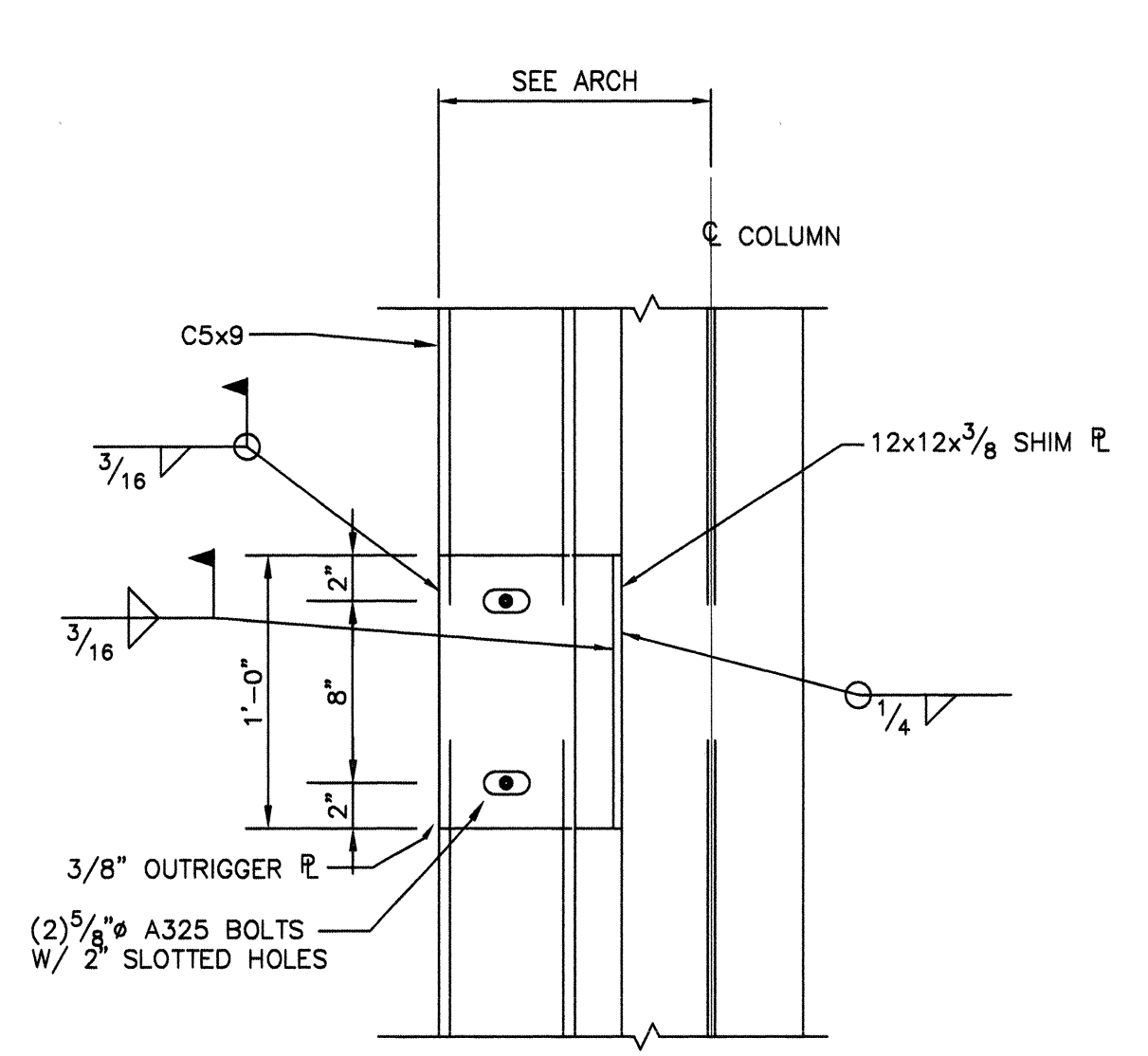


H TYP COMPOSITE GIRDER
S3.2 SCALE: 3/4" = 1'-0"

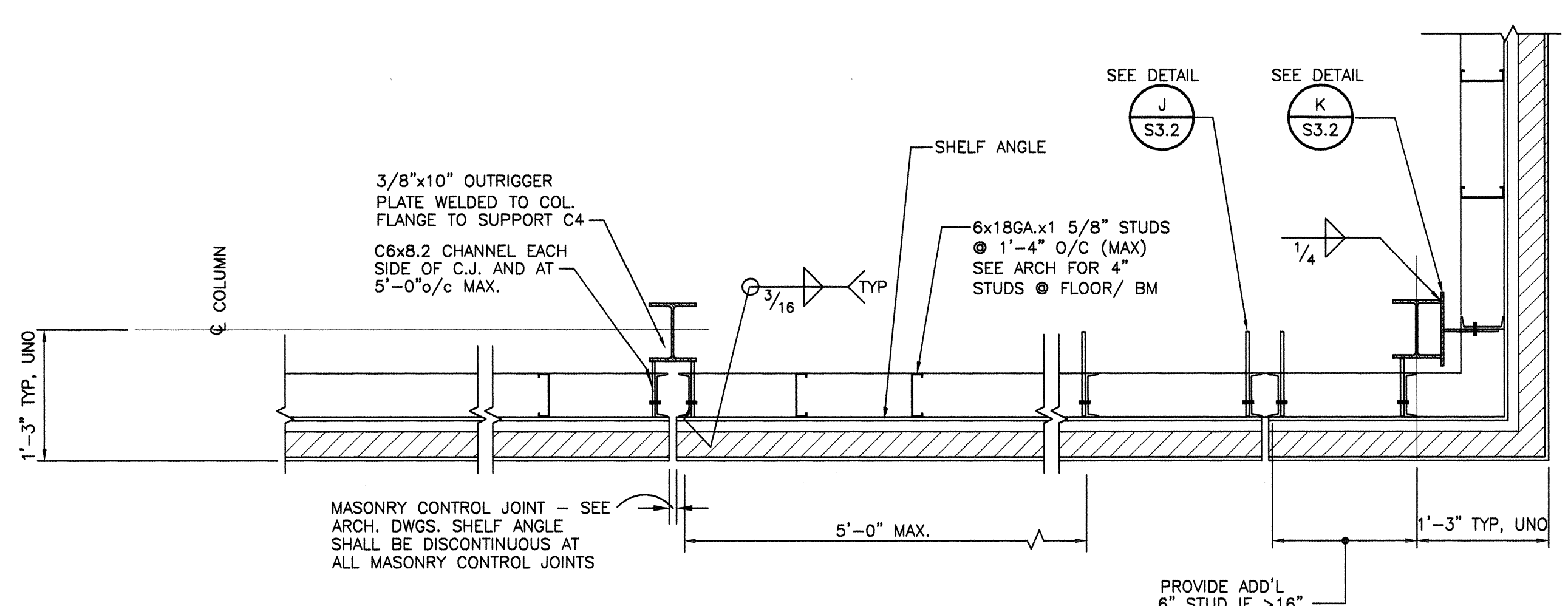
NOTES:
1. FLOOR BEAM CONNECTION - SEE DETAIL
2. SEE PLAN FOR NUMBER OF 3/4" STUDS FIELD WELDED TO GIRDER



J TYPICAL CHANNEL ATTACHMENT
S3.2 1 1/2" = 1'-0"



K TYP EXTERIOR COLUMN @ CORNER
S3.2 SCALE: 1 1/2" = 1'-0"



L TYP PLAN AT COLUMN
S3.2 SCALE: 3/4" = 1'-0"

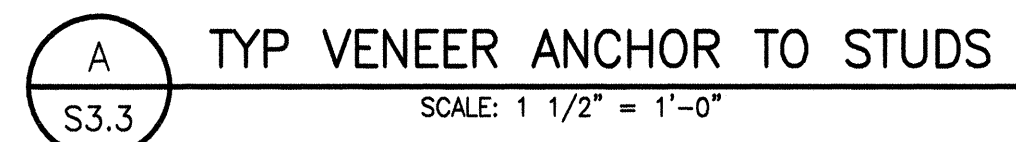
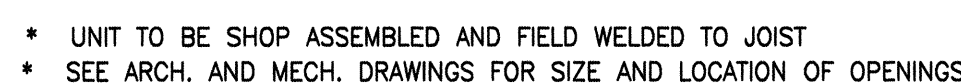
Murphy & Dittman
ARCHITECTS
228 West Market Street, York, Pennsylvania 17401
800 North Charles Street, Baltimore, Maryland 21201
410-452-4023 Voice 410-452-4074 Fax

CONSULTANT
CARROLL ENGINEERING, INC.
1000 MONTGOMERY BLVD.
4TH FLOOR
BALTIMORE, MD 21201
410-782-5425 PHONE 410-771-5117 FAX

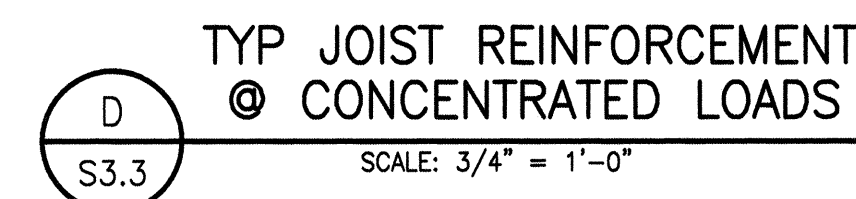
PHASE ONE: ADDITION TO STATE OFFICE BUILDING NO.3
2100 GUILFORD AVENUE, BALTIMORE, MD 21218
MARYLAND DEPARTMENT OF GENERAL SERVICES

STATE OF MARYLAND
DEPARTMENT OF GENERAL SERVICES
4-13-06

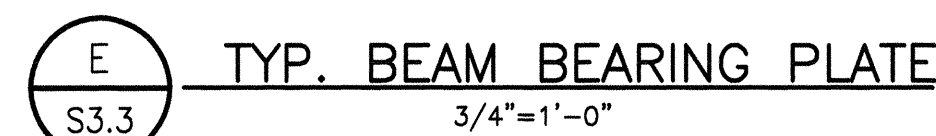
NO.	DESCRIPTION	DATE	BY
1	CAD DWG FILE: 03183		
2	DRAWN BY: NJR		
3	CHECKED BY: LHS		
4	PROJECT NO: BB-621-003-001		
5	DATE: 03/03/06		
TYPICAL DETAILS			
S3.2			
SHEET 47 OF 91			



TYP. ROOF OPENING DETAIL
SCALE: 3/4" = 1'-0"



WHEN LOADS OCCUR AT A DISTANCE MORE THAN 4" FROM A PANEL POINT, A STRUT ANGLE MUST BE FURNISHED AND INSTALLED BY OTHERS IN THE FIELD, TO CARRY THE LOAD TO AN OPPOSITE PANEL POINT AS SHOWN



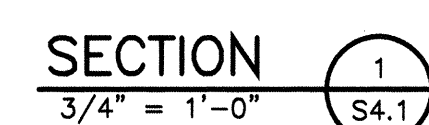
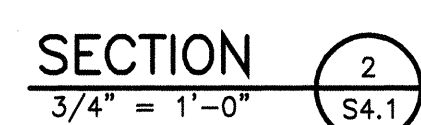
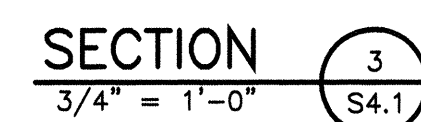
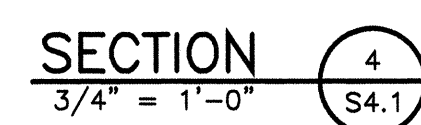
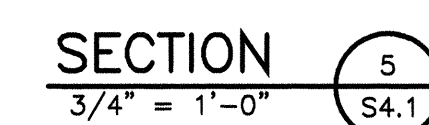
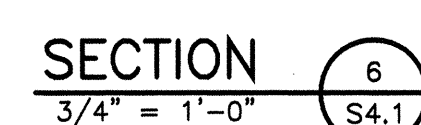
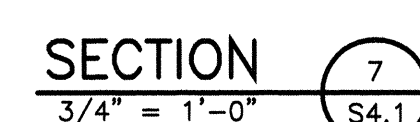
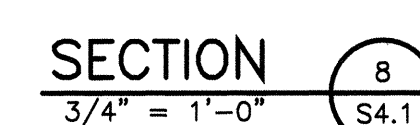
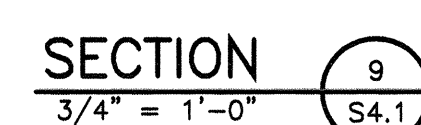
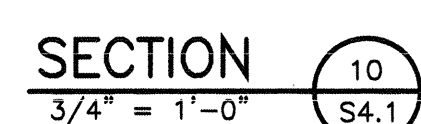
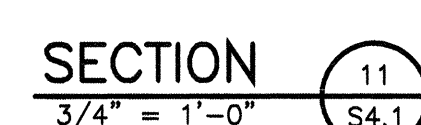
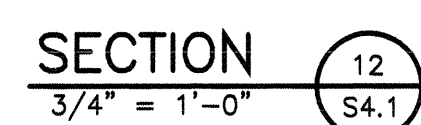
BEARING PLATE SCHEDULE			
MARK	L	W	T
BP-1	6"	6"	1/2"

F
S3.3

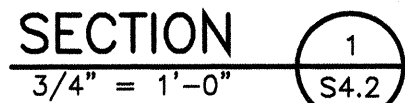
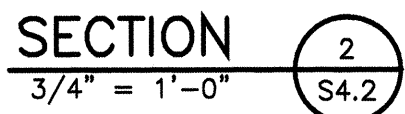
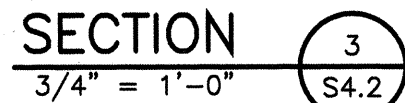
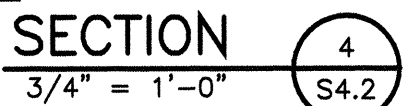
TYP. UNDERPINNING DETAIL

NTS

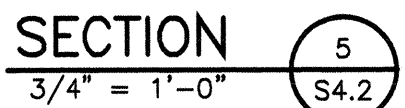




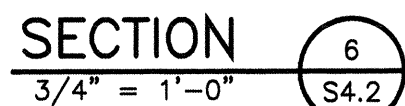
1. STUD BRIDGING TO BE 4"x16GA.X1 5/8" SECURED TO VERTICAL STUDS W/ 16GA. CLIP ANGLES.
2. SEE ARCH. DWG. FOR VENEER ANCHORAGE.
3. SEE DETAIL  FOR CHANNEL ATTACHMENT TO BEAM.
4. 1/2" ERECTION BOLT WITH SLOTTED HOLE IN ANGLE. REMOVE BOLT AFTER WELDED CONN. IS COMPLETE AND PRIOR TO INSTALLATION OF FLASHING.



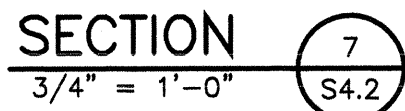
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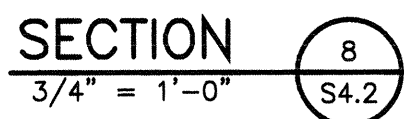
1. STUD BRIDGING TO BE 4"x16GA.X1 5/8" SECURED TO VERTICAL STUDS W/ 16GA. CLIP ANGLES.
2. SEE ARCH. DWG. FOR VENEER ANCHORAGE.
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3. SEE DETAIL  FOR CHANNEL ATTACHMENT TO BEAM
4. 1/2" ERECTION BOLT WITH SLOTTED HOLE IN ANGLE. REMOVE BOLT AFTER WELDED CONN. IS COMPLETE AND PRIOR TO INSTALLATION OF FLASHING.

[illegible]

SYMBOL	ABBREVIATION	DESCRIPTION
	EX CH	EXISTING CHILLED WATER SUPPLY
	EX CHR	EXISTING CHILLED WATER RETURN
	EX LPS	EXISTING LOW PRESSURE STEAM
	EX LPR	EXISTING LOW PRESSURE RETURN
	H	HEATING WATER SUPPLY
	HR	HEATING WATER RETURN
	CH	CHILLED WATER SUPPLY
	CHR	CHILLED WATER RETURN
		GATE VALVE
	MAV	MANUAL AIR VALVE
		GLOBE VALVE
		STRAINER
		CHECK VALVE
		UNION
	BWV	BACK WATER VALVE
		FLOW METER FITTING
		BALANCING VALVE
		FLOW SWITCH
		RELIEF VALVE
	TW	THERMOMETER WELL
		PRESSURE GAUGE
		PRESSURE REDUCING VALVE
	PG	PRESSURE GAUGE TAPPING
		PIPE GUIDE
		ANCHOR
	TCV	TEMPERATURE CONTROL VALVE (2-WAY)
		FLEXIBLE PIPE CONNECTION
		PIPE TURNING UP
		PIPE TURNING DOWN
		TEE TURNED UP
		TEE TURNED DOWN
		DIFFERENTIAL PRESSURE TRANSMITTER
		PRESSURE SWITCH
		THERMOMETER
		CONNECT TO EXISTING
		THERMOSTAT
		SUPPLY DUCT TURNED UP
		SUPPLY DUCT TURNED DOWN
		RETURN, EXHAUST, OR OUTSIDE AIR DUCT TURNED UP
		RETURN, EXHAUST, OR OUTSIDE AIR DUCT TURNED DOWN
		FLEXIBLE DUCT CONNECTION
	MVD	MANUAL VOLUME DAMPER
	MOD	MOTOR OPERATED DAMPER
	F(*)	FIRE DAMPER (* - INDICATES RATING)
	BDD	BACKDRAFT DAMPER
	DD	DUCT SMOKE DETECTOR
		INCLINED DUCT RISE
		INCLINED DUCT DOWN
		MATCH LINE
		SECTION DESIGNATION
		BAROMETRIC DAMPER

DESIG.	SERVING	OUTPUT CAP. (MWH)	GAS INPUT (MWH)	GAS PIPE (IN)	CONTROL CIRCUIT ELECTRIC VOLTS-PH	MANUFACTURER
1	HEATING WATER LOOP	738.0	931.1	2"	1/3 HP, 120-1	SMITH
2	HEATING WATER LOOP	738.0	931.1	2"	1/3 HP, 120-1	SMITH

NOTE:

DESIG	SERVING	GPM	HEAD (FT.HD)	RPM	TYPE	ELECTRIC HP, VOLTS- Φ H	MANUFACTURER
CP-1	HEATING WATER	156.0	60.0	1,160	FRAME MOUNTED END SUCTION	5,480-3	TACO FI-2513
CP-2	HEATING WATER	156.0	60.0	1,160	FRAME MOUNTED END SUCTION	5,480-3	TACO FI-2513
CP-3	BOILER #1	104.0	10.0	1,160	IN-LINE CIRCULATOR	1.0,120-1	TACO KU2007
CP-4	BOILER #2	104.0	10.0	1,160	IN-LINE CIRCULATOR	1.0,120-1	TACO KU2007

NOTES:

1. CP-1 & CP-2 PROVIDED AS PART OF PACKAGED PUMP SYSTEM.
2. CP-1 & CP-2 SHALL BE PROVIDED WITH VARIABLE SPEED MOTORS.

DESIG		SERVING		SUMMER						WINTER						E.S.P. (IN. WC.)	RPM		EFF. (%)	HP		ELECTRIC VOLTS-PH	MANUFACTURER
				OUTDOOR AIR			EXHAUST			OUTDOOR AIR			EXHAUST				SUPPLY	EXHAUST		SUPPLY	EXHAUST		
				CFM	EAT (DB/WB)	LAT (DB/WB)	CFM	EAT (DB/WB)	LAT (DB/WB)	CFM	EAT (DB/WB)	LAT (DB/WB)	CFM	EAT (DB/WB)	LAT (DB/WB)								
ERV-1	AHU-G-1 AND AHU-G-2			3,540	93.0/78.0	78.5/66.0	3,375	75/62.3	90.2/75.9	3,540	11.0/8.6	60.1/49.0	3,375	72/35.0	21.6/18.4	0.75	741	714	80.4	1.5	1.5	480-3	GREENHECK ERV 522S-15

DESIG	SERVING	CFM	O.A. CFM	SP (IN W.C.)	COOLING					HEATING					ELECTRIC		MANUFACTURER	
					EAT DB/WB (F)	SENS. CAP. (MBH)	TOT CAP. (MBH)	GPM	PD (FT HD)	CH & CHR SIZE (IN)	EAT (F)	REQ'D CAP (MBH)	GPM	PD (FT HD)	H & HR SIZE (IN)	MOTOR (HP)		VOLTS-PH
AHU-G-1	ADDITION - 1ST FLOOR WAITING	4950	1240	1.0	75.0/62.5	112.4	168.7	34.6	11.3	1.5	70	87.4	8.1	0.6	1.5	7.5	480-3	MCQUAY CAH010GDAC MCQUAY CAH017GDAC
AHU-G-2	ADDITION - REMAINING AREAS	10100	2300	1.0	75.0/62.5	324.6	380	77.1	12.9	2.5	--	--	--	--	--	15.0	480-3	

NOTE:

1. COOLING CAPACITIES ARE BASED UPON 45 DEGREE ENTERING WATER TEMPERATURE WITH A 10 DEGREE TEMPERATURE DELTA.
2. HEATING CAPACITIES ARE BASED UPON 180 DEGREE ENTERING WATER TEMPERATURE WITH A 20 DEGREE TEMPERATURE DELTA.
3. HEATING AND COOLING CAPACITIES LISTED ARE CALCULATED REQUIRED CAPACITIES.
4. AHU-G-2 IS A VAV UNIT.

DESIG	AREA SERVED	INLET	APD	COOLING		HOT WATER HEATING COIL								MANUFACTURER	
				CFM		CFM	EAT (F)	LAT (F)	EWT (F)	MBH	PIPE SIZE	GPM	ROWS		MAX. WPD (FT. HD.)
				MINIMUM	MAXIMUM										
VAVG-1	CHDU ENTRY 001 & ELEVATOR LOBBY 006	08	0.11	290	720	360	55	95	180	15.5	3/4	1.6	1	0.07	WARREN STW-08L
VAVG-2	GF MDF ROOM	04	0.10	60	150	75	55	95	180	2.8	1/2	0.3	1	0.01	WARREN STW-04L
VAVG-3	NOT USED	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VAVG-4	OPEN OFFICE 007A	05	0.10	120	300	150	55	95	180	6.5	1/2	0.7	1	0.13	WARREN STW-05L
VAVG-5	OPEN OFFICE 008	08	0.12	320	800	400	55	95	180	17.3	1/2	1.7	1	0.09	WARREN STW-08L
VAV1-1	FUTURE ENTRY 106	05	0.10	130	320	160	55	95	180	6.9	1/2	0.7	1	0.13	WARREN STW-05L
VAV1-2	OPEN OFFICE A 101	08	0.11	280	700	350	55	95	180	15.1	3/4	1.5	1	0.09	WARREN STW-08L
VAV1-3	STAFF ENTRY 107	06	0.10	180	450	225	55	95	180	15.6	3/4	1.5	1	0.15	WARREN STW-06L
VAV1-4	2ND FLOOR ADDITION WEST	12	0.15	600	1,500	750	55	95	180	32.4	3/4	3.2	1	0.13	WARREN STW-12L
VAV1-5	2ND FLOOR ADDITION EAST	06	0.10	200	490	245	55	95	180	10.6	3/4	1.1	1	0.15	WARREN STW-06L
VAV2-1	2ND FLOOR WAITING GLASS	06	0.10	160	400	200	55	95	180	8.6	3/4	0.9	1	0.15	WARREN STW-06L
VAV2-2	2ND FLOOR WAITING GLASS	08	0.10	280	700	350	55	95	180	15.1	3/4	1.5	1	0.15	WARREN STW-08L
VAV2-3	2 FLOOR WAITING INTERIOR SOUTH	08	0.10	265	660	330	55	95	180	14.2	3/4	1.4	1	0.09	WARREN STW-08L
VAV2-4	2ND FLOOR WAITING GLASS	08	0.10	280	700	350	55	95	180	15.1	3/4	1.5	1	0.09	WARREN STW-08L
VAV2-5	2 FLOOR WAITING INTERIOR NORTH	10	0.10	385	960	480	55	95	180	20.7	3/4	2.1	1	0.04	WARREN STW-10L
VAV3-1	3RD FLOOR NORTH	08	0.10	240	600	300	55	95	180	12.9	3/4	1.3	1	0.09	WARREN STW-08L
VAV3-2	3RD FLOOR SOUTH	08	0.10	245	615	310	55	95	180	13.4	3/4	1.3	1	0.09	WARREN STW-08L
VAV3-3	3RD FLOOR CORRIDOR	04	0.10	75	185	95	55	95	180	4.1	3/4	0.4	1	0.13	WARREN STW-04L

NOTE:
1. HEATING COIL SELECTED BASED ON 20 DEG. DELTA T, FAHRENHEIT WATER TEMPERATURE

DESIG.	SERVING	TYPE	REQ. CAP. (MBH)	ACTIVE LENGTH (FT)	GPM	H & HR SIZE (IN)	ROW	FIN SIZE (IN)	MANUFACTURER
HG-1	STAFF ENTRY 002	FREE STANDING PEDESTAL	18.0	12	1.8	1"	2	0.02	STERLING PM-C44
H1-1	FIRST FLOOR WAITING	FREE STANDING PEDESTAL	22.5	15	2.3	1"	2	0.02	STERLING PM-C44
H1-2	FIRST FLOOR WAITING	FREE STANDING PEDESTAL	22.5	15	2.3	1"	2	0.02	STERLING PM-C44
H1-3	FIRST FLOOR WAITING	FREE STANDING PEDESTAL	22.5	15	2.3	1"	2	0.02	STERLING PM-C44
H1-4	FIRST FLOOR WAITING	FREE STANDING PEDESTAL	22.5	15	2.3	1"	2	0.02	STERLING PM-C44
H1-5	FIRST FLOOR WAITING	FREE STANDING PEDESTAL	22.5	15	2.3	1"	2	0.02	STERLING PM-C44
H1-6	LOBBY ENTRANCE	FREE STANDING PEDESTAL	10.5	7	1.1	1"	2	0.02	STERLING PM-C44
H2-1	SECOND FLOOR WAITING	FREE STANDING PEDESTAL	22.5	15	2.3	1"	2	0.02	STERLING PM-C44
H2-2	SECOND FLOOR WAITING	FREE STANDING PEDESTAL	22.5	15	2.3	1"	2	0.02	STERLING PM-C44
H2-3	SECOND FLOOR WAITING	FREE STANDING PEDESTAL	22.5	15	2.3	1"	2	0.02	STERLING PM-C44
H2-4	SECOND FLOOR WAITING	FREE STANDING PEDESTAL	22.5	15	2.3	1"	2	0.02	STERLING PM-C44

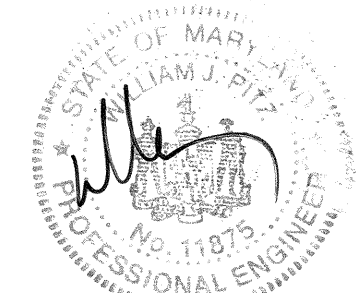
NOTE:

EWT = 180 DEG F
EAT = 65 DEG F

M0.0	LEGEND, SCHEDULES AND NOTES
M0.1	AUTOMATIC TEMPERATURE CONTROLS
M0.2	HVAC DETAILS
M1.0	GROUND FLOOR PLAN - HVAC - PHASE 1
M1.1	FIRST FLOOR PLAN - HVAC - PHASE 1
M1.2	SECOND FLOOR PLAN - HVAC - PHASE 1
M1.3	THIRD FLOOR PLAN - HVAC - PHASE 1
M1.4	ROOF PLAN - HVAC - PHASE 1
M2.0	MECHANICAL ROOM - 1/4" SCALE PLANS
M9.1	CHILLED WATER RISER DIAGRAM
M9.2	HEATING WATER RISER DIAGRAM

SP
SCHLENGER/FITZ
& ASSOCIATES, INC.
Consulting Engineers
15 West Aylesbury Road,
Timonium, Maryland 21093
Phone 410.561.1337
Fax 410.561.1446
73 East Forrest Ave. Suite 230
Shrewsbury, Pennsylvania 17361
Phone 717.227.2320
Fax 717.227.9916
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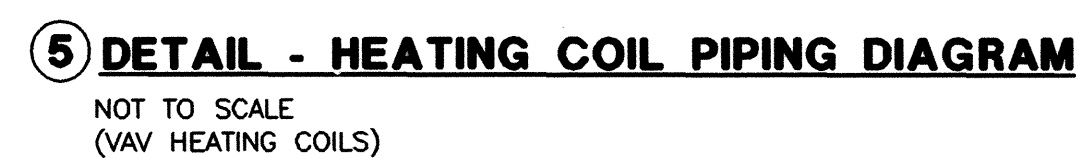
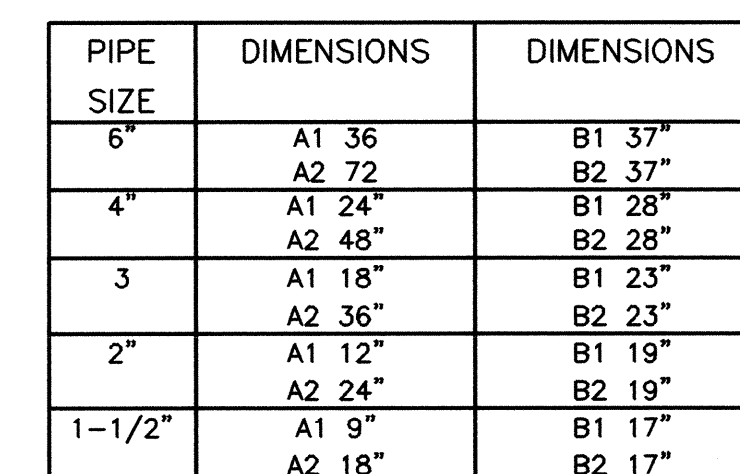
PHASE ONE: ADDITION TO STATE OFFICE BUILDING NO.3
2100 GUILFORD AVENUE, BALTIMORE, MD 21218
MARYLAND DEPARTMENT OF GENERAL SERVICES

[illegible]

CAD DWG FILE: 03183
DRAWN BY: EDN
CHECKED BY: RTN
PROJECT NO: BB-621-003-001
DATE: 03/03/06

**LEGEND,
SCHEDULES
& NOTES**

M0.0

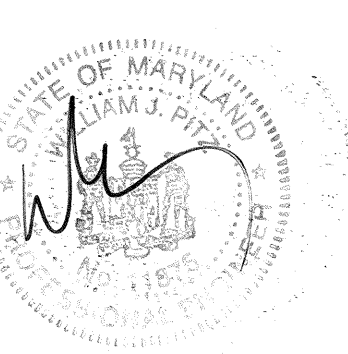


8 DETAIL - EXPANSION LOOP
NOT TO SCALE



SP
CHLENGER/PITZ
ASSOCIATES, INC.
Consulting Engineers
5 West Aylesbury Road,
Brimonium, Maryland 21093
phone 410.561.1337
fax 410.561.1446
3 East Forrest Ave. Suite 230
Hershey, Pennsylvania 17366
phone 717.227.2320
fax 717.227.9916
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DWG FILE:	03183
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PROJECT NO:	BB-621-003-001
DATE:	03/03/06

HVAC
DETAILS

M0.2

SHEET 53 OF 91

1 6"CH, 6"CHR, 3" H, & 3" HR CAPPED AND VALVED ABOVE CEILING FOR FUTURE EXTENSION.

2 OPEN END DUCT OF SIZE INDICATED ABOVE CEILING.

A R C H I T E C T S
Murphy & Dittenhafer
800 North Charles Street, Baltimore, Maryland 21201
410-452-4823 Voice 410-425-4874 Fax
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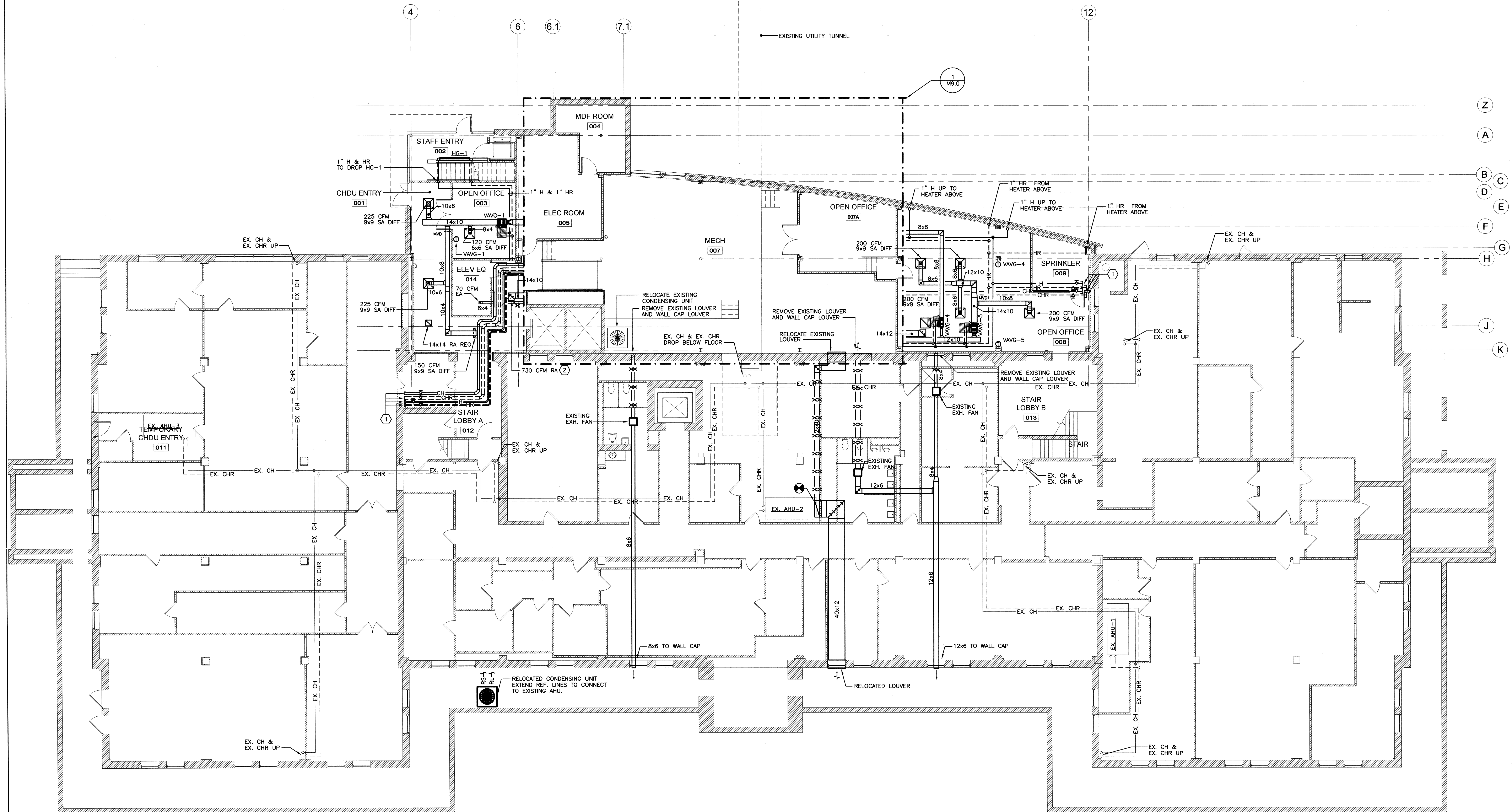

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Phone 410.561.1337
Fax 410.561.1446
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Shrewsbury, Pennsylvania 17361
Phone 717.227.2320
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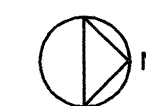
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CAD DWG FILE: 03183
DRAWN BY: EDN
CHECKED BY: RTN
PROJECT NO: BB-621-003-001
DATE: 03/03/06
**GROUND FLOOR
PLAN - HVAC
PHASE - 1**
M-1.0

03328A

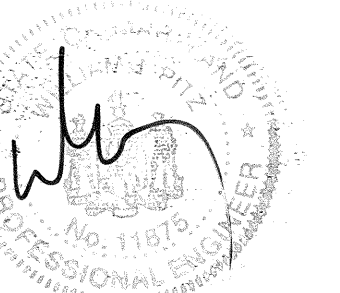


SCALE: 1/8" = 1'-0"



0 2 4 8 16 24
GRAPHIC SCALE
1/8" = 1'-0"

① 1" H UP TO HEATER ON FLOOR ABOVE	⑩ TRANSITION AND OFFSET FROM 3/4x1/4 OA DOWN TO 24x18 OA UP
② 1" HR UP TO HEATER ON FLOOR ABOVE	⑪ 1400 CFM OPEN END 18x14 EA DUCT
③ HEATER WATER PIPE FOR PEDESTAL HEATER ON 1st FLOOR IS RUN IN THE CEILING OF THE ROOM BELOW.	⑫ 24x16 RA UP (SECOND FLOOR PLAN: M1.2) 38x16 RA DOWN (GROUND FLOOR PLAN: M1.2)
④ 8x8 SA UP (SECOND FLOOR PLAN: M1.2)	⑬ 2" H & 2" HR DOWN (GROUND FLOOR PLAN: M1.0) 1-1/4" H AND 1-1/4" HR UP (SECOND FLOOR PLAN: M1.2)
⑤ 14x8 SA UP (SECOND FLOOR PLAN: M1.2)	⑭ 12x12 SA UP (SECOND FLOOR PLAN: M1.2)
⑥ 12ø & 8ø GA FLUE UP (SECOND FLOOR PLAN: M1.2) AND DOWN (GROUND FLOOR PLAN: M1.0)	⑮ 320 CFM OPEN END 12x6 EA DUCT
⑦ 4x6 EA DOWN (GROUND FLOOR PLAN: M1.0) 18x14 EA UP (SECOND FLOOR PLAN: M1.0)	
⑧ 6" CT & 6" CTR UP (SECOND FLOOR PLAN: M1-3) AND DOWN (GROUND FLOOR PLAN: M1-1)	
⑨ 1" H & 1" HR UP TO 3RD FLOOR HEATING COILS.	



					BID DOCUMENTS
					01-06 DATE
					MARK
DWD FILE:				03183	
DRAWN BY:				EDN	
CHECKED BY:				RTN	
PROJECT NO: BB-621-003-001					
DATE:				03/03/06	
FIRST FLOOR					
PLAN-HVAC					
PHASE-1					
M1.1					
SHEET 55		OF 91			

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ASSOCIATES, INC.
Consulting Engineers
5 West Aylesbury Road,
Brimonium, Maryland 21093
phone 410.561.1337
fax 410.561.1446
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A R C H I T E C T S

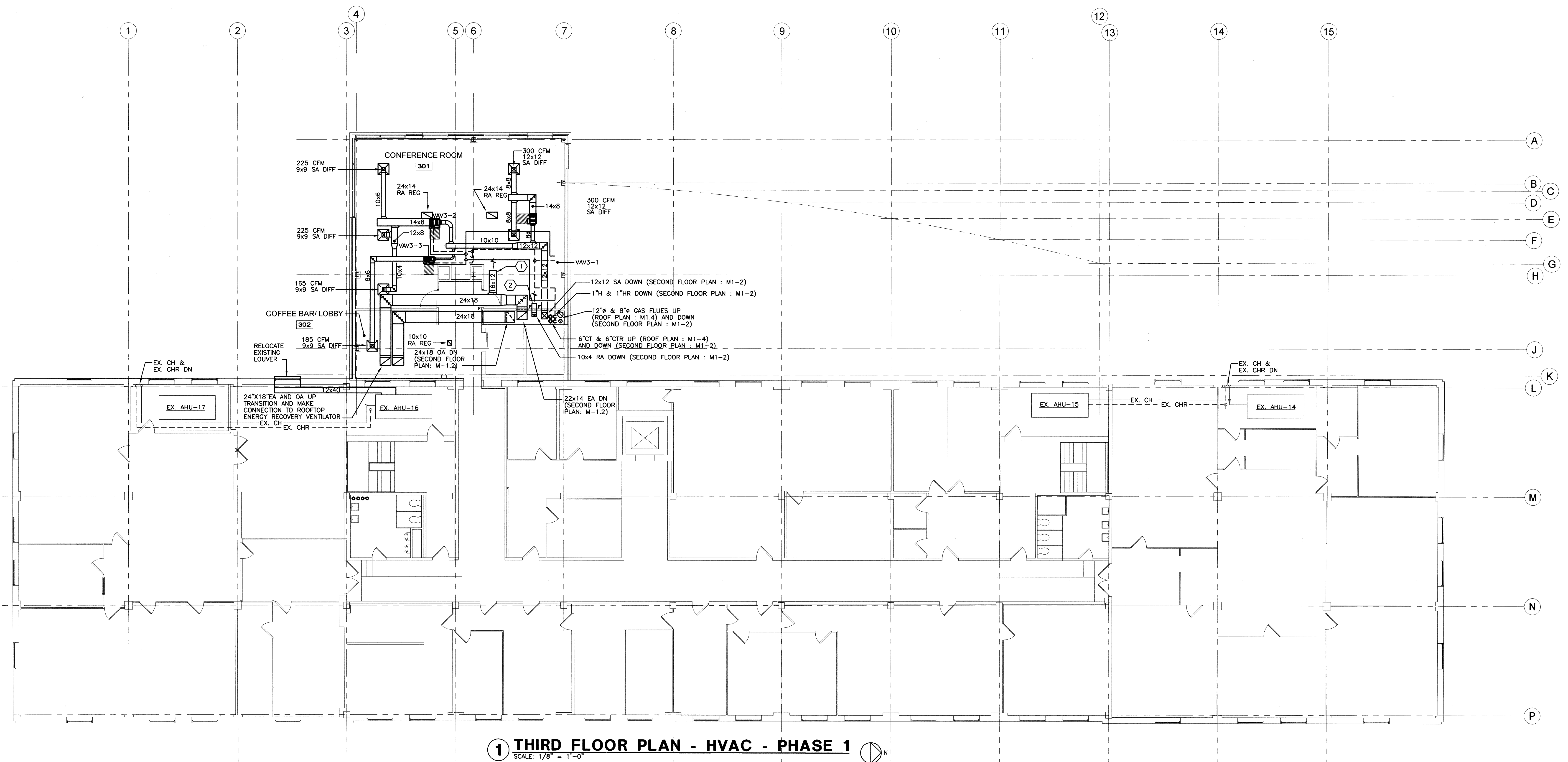
1 1240 CFM OPEN END EA DUCT OF SIZE INDICATED
2 160 CFM OPEN END 10x4 RA DUCT

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Murphy & Pittenhafer
800 North Charles Street, Baltimore, Maryland 21201
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228 West Mermaid Street, York, Pennsylvania 17401
717-848-8037 Voice 717-843-2449 Fax



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Consulting Engineers
5 West Aylesbury Road,
Monomium, Maryland 21093
Phone 410.561.1337
Fax 410.561.1446
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[illegible]

0 2 4 8 16 24

GRAPHIC SCALE

1/8" = 1'-0"

03328A SHEET 57 OF 91



03328A

M1.4

SHEET 58 OF 91



							BID DOCUMENTS
							DESCRIPTION
						06-06	
						DATE	
							MARK
CAD DWG FILE: 03183							
DRAWN BY: EDN							
CHECKED BY: RTN							
PROJECT NO: BB-621-003-001							
DATE: 03/03/06							
CHILLER WATER RISER DIAGRAM							
M9.1							
A SHEET 60 OF 91							



TYPICAL I.R.I. BOILER GAS TRAIN DETAIL
NOT TO SCALE



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ASSOCIATES, INC.
Consulting Engineers
5 West Aylesbury Road,
Monomium, Maryland 21093
Phone 410.561.1337
Fax 410.561.1446
5 East Forrest Ave. Suite 230
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[illegible]

DWG FILE:	03183
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PROJECT NO:	BB-621-003-001
DATE:	03/03/06
HEATING WATER USER DIAGRAM	

M9.2

ROOF & FLOOR DRAIN SCHEDULE			
DESIGNATION	SIZE	DESCRIPTION	COMMENTS
FD-1	4"	CAST IRON FLOOR DRAIN	WITH ADJUSTABLE NECK
RD-1	4"	CAST IRON ROOF DRAIN	WITH STRAINER
RD-1	6"	CAST IRON ROOF DRAIN	WITH STRAINER
SEE SPECIFICATIONS FOR MANUFACTURER AND MODEL NUMBER			

PLUMBING FIXTURE SCHEDULE						
NO.	TYPE	CONNECTIONS				COMMENTS
		COLD WATER	HOT WATER	WASTE	VENT	
P-1	WATER CLOSET	1"	-	4"	2"	BACK OUTLET WALL MOUNTED
P-2	LAVATORY (ADA WALL HUNG)	1/2"	1/2"	1-1/2"	1-1/2"	-
P-3	ADA DRINKING FOUNTAINS	1/2"	-	1-1/2"	1-1/4"	WALL MOUNTED
SEE SPECIFICATIONS FOR MANUFACTURER AND MODEL NUMBER						

LEGEND & ABBREVIATIONS

_____	EX. SANITARY PIPING
_____	EX. VENT PIPING
_____	EX. STORMWATER PIPING
_____	EX. COLD WATER PIPING
_____	EX. HOT WATER PIPING
_____T_____	EX. TEMPERED WATER PIPING
_____	SANITARY PIPING
_____	VENT PIPING
_____	COLD WATER PIPING
_____	HOT WATER PIPING
_____	TEMPERED WATER PIPING
_____	CONNECT TO EXISTING
_____	EX. FLOOR DRAIN
_____	EX. GATE VALVE
_____	PIPE GOING DOWN
_____	PIPE GOING UP
_____	REMOVE EXISTING
_____	EXISTING
_____	COLD WATER
_____	HOT WATER
_____	TEMPERED WATER
_____	SANITARY
_____	STORM WATER
_____	VENT
_____	FLOOR DRAIN
_____	EXISTING TO REMAIN
_____	RAIN LEADER
_____	DOWN
_____	TYP.
_____	V.T.R.
_____	FS
_____	TS
_____	CV
_____	RI

DETAIL NOTES

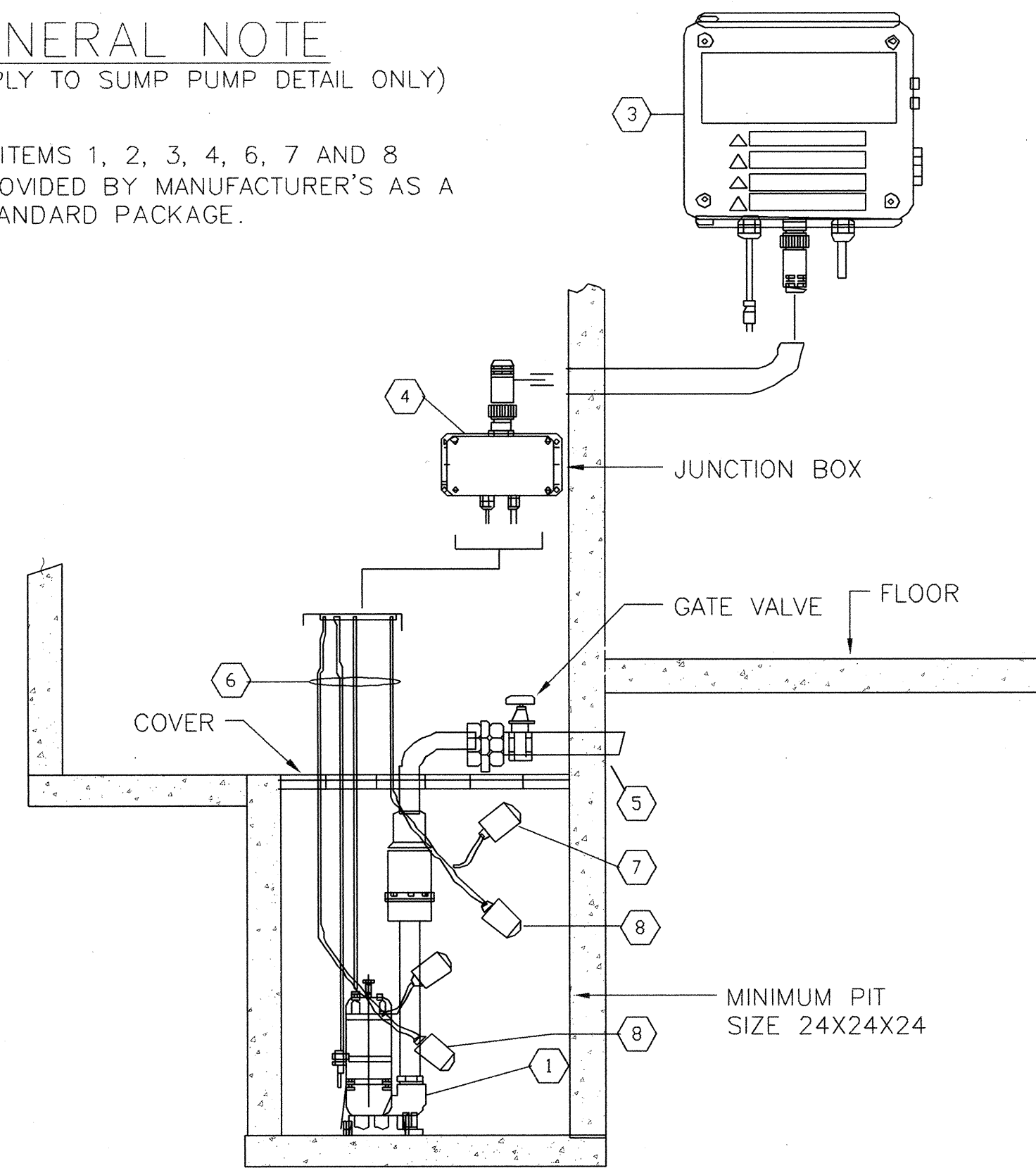
(APPLY TO SUMP PUMP DETAIL ONLY)

- 1 ZOELLER MODEL N153 SUBMERSIBLE EFFLUENT PUMP .5 HP, 115 VOLT, 3600 RPM, 2" DISCHARGE CONNECTION.
- 2 CHECK VALVE.
- 3 ZOELLER OIL SMART 115V, 1Ø CONTROL SYSTEM WITH OPTIONAL BUILT IN AUDIBLE AND VISUAL ALARM WHEN PUMP DOES NOT RUN DUE TO OIL IN PIT OR HIGH LIQUID ALARM. PROVIDE SILENCING BUTTON FOR AUDIBLE ALARM BUILT INTO PANEL. PANEL SHALL HAVE ADDITIONAL CONTACT FOR A REMOTE ALARM LOCATION. JUNCTION BOX WILL BE PROVIDED WITH MULTI-PIN CONNECTOR AND CORD IN LENGTHS AS REQUIRED, 25 FT. STANDARD, OPTIONAL 25 FT. INCREMENTS. LIGHTS FOR OIL SPILL, POWER, HIGH LIQUID LEVEL, OVERLOAD, & PUMP RUN.
- 4 JUNCTION BOX WILL BE PROVIDED WITH MULTI-PIN CONNECTOR AND CORD IN LENGTHS AS REQUIRED; 25 FT. IS STANDARD, OPTIONAL 25 FT. INCREMENTS AVAILABLE.
- 5 ALL BURIED PUMP PRESSURE DISCHARGE PIPING SHALL BE PROTECTED WITH TAPECOAT CT CORROSION PROTECTION TAPE.
- 6 OIL SMART CABLE, POWER CABLE, PROBE CABLE, HIGH LIQUID ALARM CABLE, AND PUMP ON FLOAT CABLE.
- 7 HIGH LIQUID ALARM FLOAT WITH CLAMP DEVICE TO MOUNT TO PUMP DISCHARGE PIPING.
- 8 PUMP ON FLOAT.

GENERAL NOTE

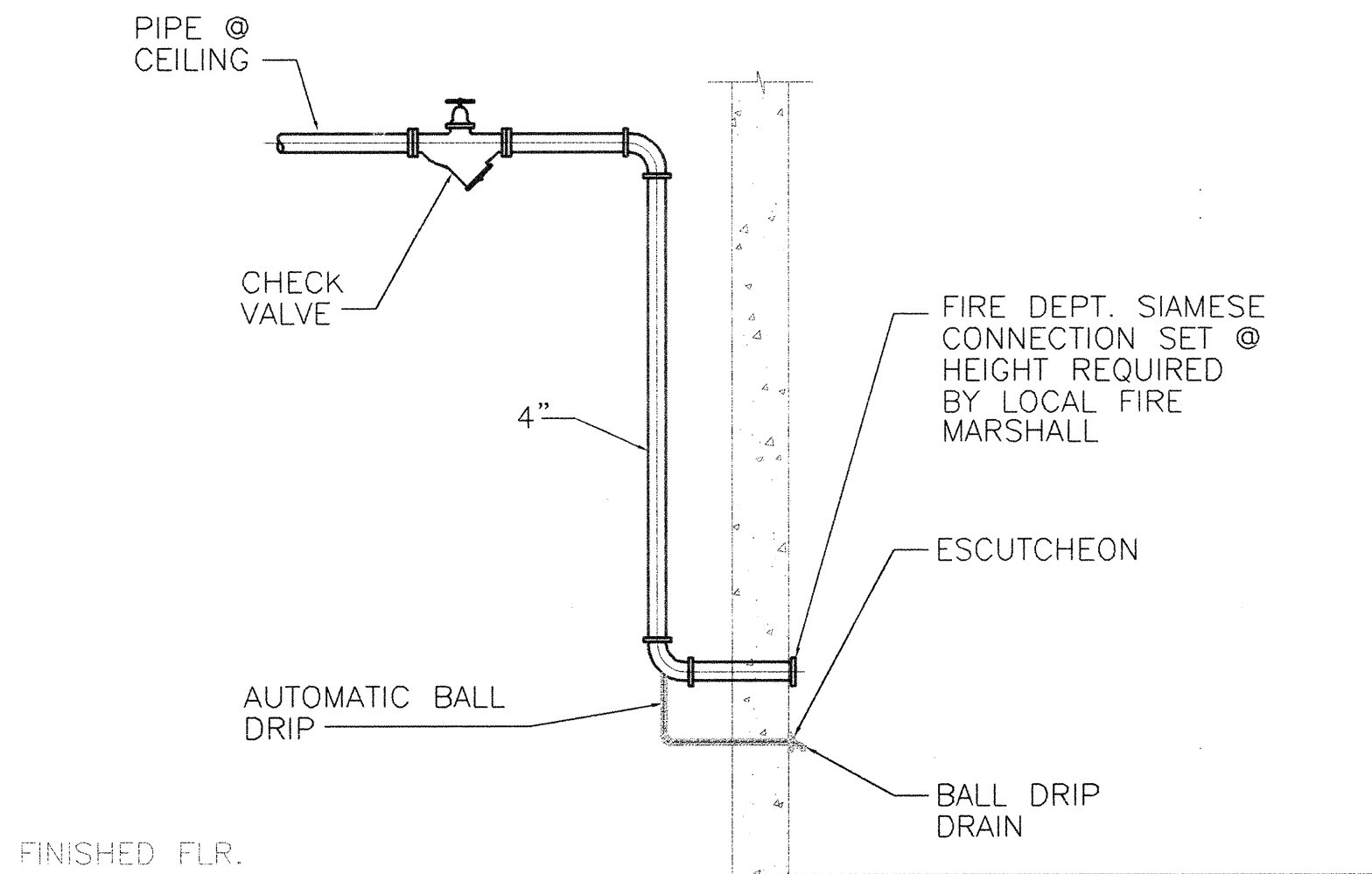
(APPLY TO SUMP PUMP DETAIL ONLY)

1. ITEMS 1, 2, 3, 4, 6, 7 AND 8 PROVIDED BY MANUFACTURER'S AS A STANDARD PACKAGE.



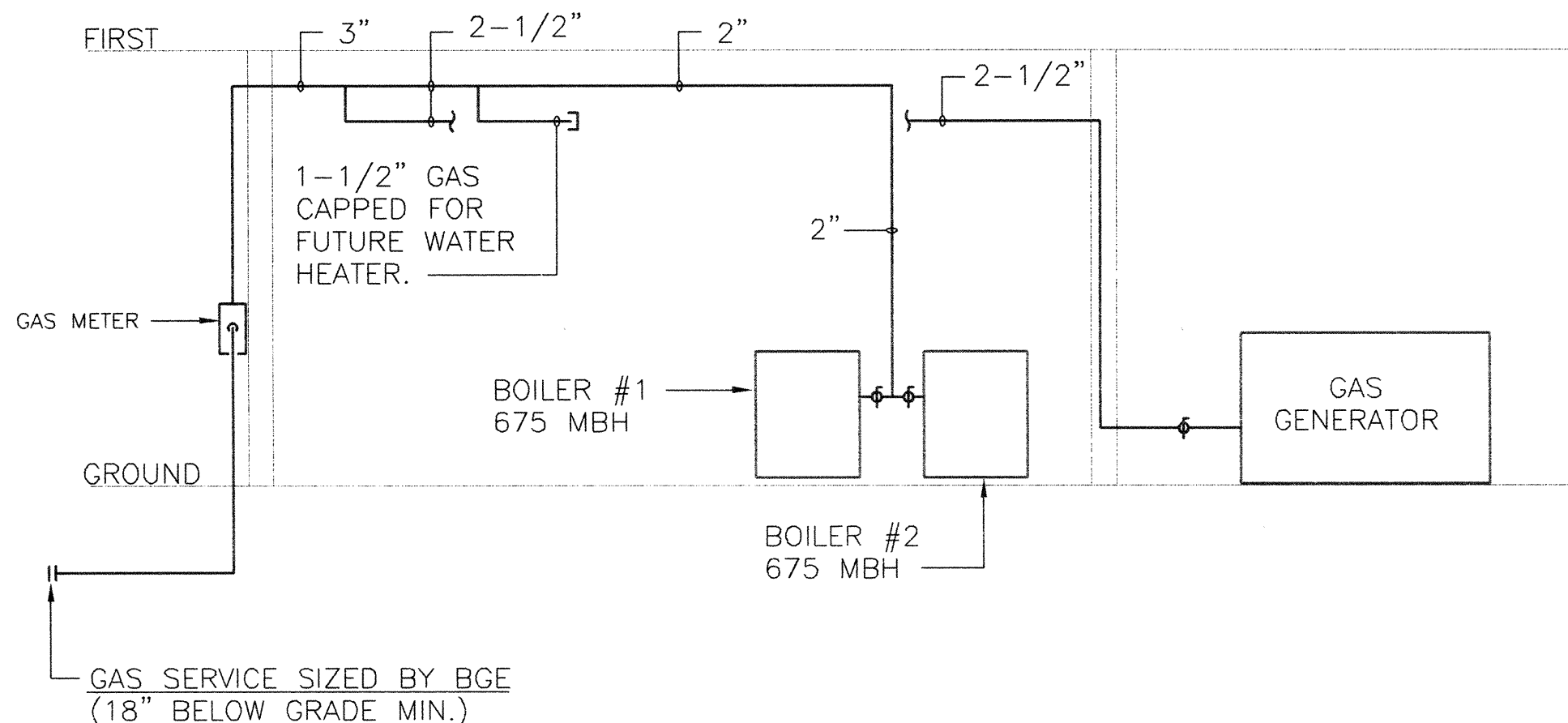
OIL SMART SUMP PUMP DETAIL

NO SCALE



FIRE DEPARTMENT CONNECTION

NO SCALE



GAS RISER DIAGRAM

NO SCALE

PLUMBING DRAWING LIST

P.0.0	LEGEND, SCHEDULES & DETAILS
P.1.0	GROUND FLOOR PLAN - PLUMBING - PHASE 1
P.1.1	FIRST FLOOR PLAN - PLUMBING - PHASE 1
P.1.2	SECOND FLOOR PLAN - PLUMBING - PHASE 1
P.1.3	THIRD FLOOR PLAN - PLUMBING - PHASE 1
P.1.4	ROOF FLOOR PLAN - PLUMBING - PHASE 1
P.1.5	PART PLANS - PLUMBING - PHASE 1

Johnson Consulting Engineers, Inc.
130 W. 25th Street Baltimore, Maryland 21218
Tel: (410) 235-0057, Fax: (410) 235-0946
Email: info@jceengineers.net

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MARYLAND DEPARTMENT OF GENERAL SERVICES



NO.	DATE	DESCRIPTION

CAD DWG FILE:	03183
DRAWN BY:	JRH
CHECKED BY:	WDM
PROJECT NO:	BB-621-003-001
DATE:	3/03/08
LEGEND, SCHEDULES & DETAILS	
P.0.0	
SHEET	22 OF 91

- ① TO HYDRAULICALLY DESIGNED SPRINKLER SYSTEM.
- ② 2-1/2" FIRE PIPE CAPPED FOR FUTURE USE.
- ③ 3" CW MAIN CAPPED FOR FUTURE USE.
- ④ 4" SANITARY MAIN CAPPED FOR FUTURE USE.
- ⑤ 4" DOUBLE CHECK VALVE BACKFLOW PREVENTER.
- ⑥ 3" DOUBLE CHECK VALVE BACKFLOW PREVENTER

- ⑦ ELEVATOR OIL SMART SYSTEM SHALL BE ZOELLER MODEL N-153 115V, 3 PHASE, 1/2 HP, OR APPROVED EQUAL BY STATE LABOR AND LICENSING. TO BE FURNISHED AND INSTALLED BY MECHANICAL CONTRACTOR AND CONNECTED ELECTRICALLY BY ELECTRICAL CONTRACTOR.
- ⑧ ELEVATOR SUMP PUMP SHALL DRAIN TO 4" FLOOR DRAIN. PROVIDE AIR GAP FITTING.
- ⑨ 1-1/2" GAS CAPPED FOR FUTURE WATER HEATER.
- ⑩ EXISTING VENT MAIN TO BE RE-ROUTED TO AVOID PROPOSED WORK ON THE FLOORS ABOVE. CONTRACTOR SHALL FIELD VERIFY EXACT LOCATION OF EXISTING VENT MAIN AND VENT STACK PRIOR TO BEGINNING WORK.

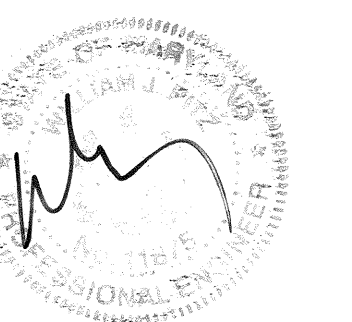
1. SANITARY AND STORM WATER PIPING SHOWN ON THIS PLAN IS LOCATED BELOW THE FLOOR. ALL OTHER PIPING SHOWN IS LOCATED IN THE CEILING SPACE.



Jc Johnson
Consulting
Engineers, Inc.

130 W. 25th Street Baltimore, Maryland 21218
Tel: (410) 235-0057, Fax: (410) 235-0946
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												SOWME	PAGE NO.
DWG FILE:												03183	
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SUBJECT NO:												BB-621-003-001	
DATE:												3/03/06	

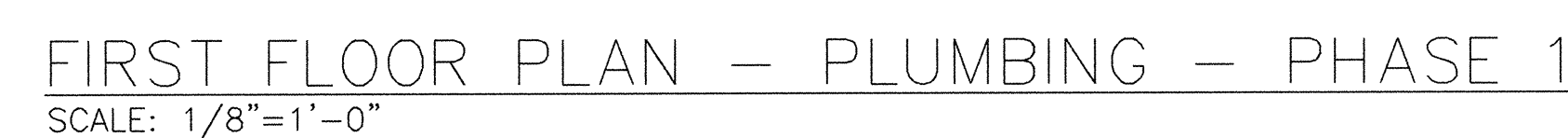
**FLOOR PLAN
PLUMBING**

P1.0

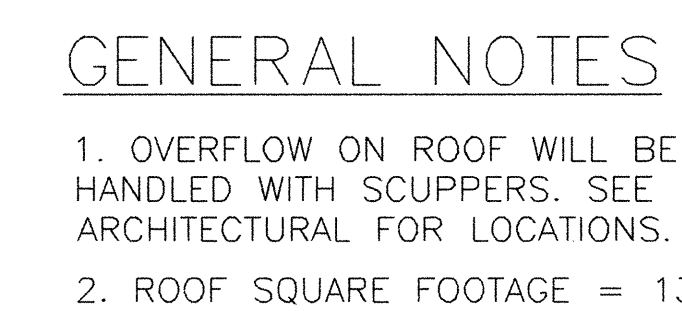
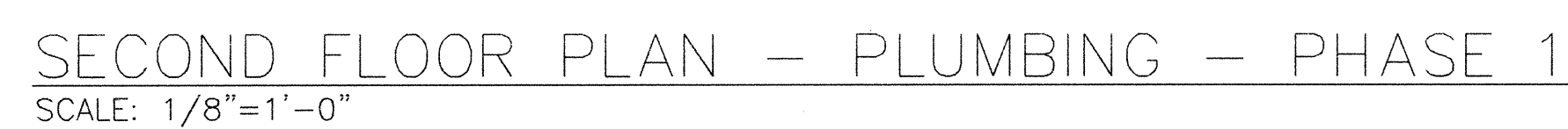
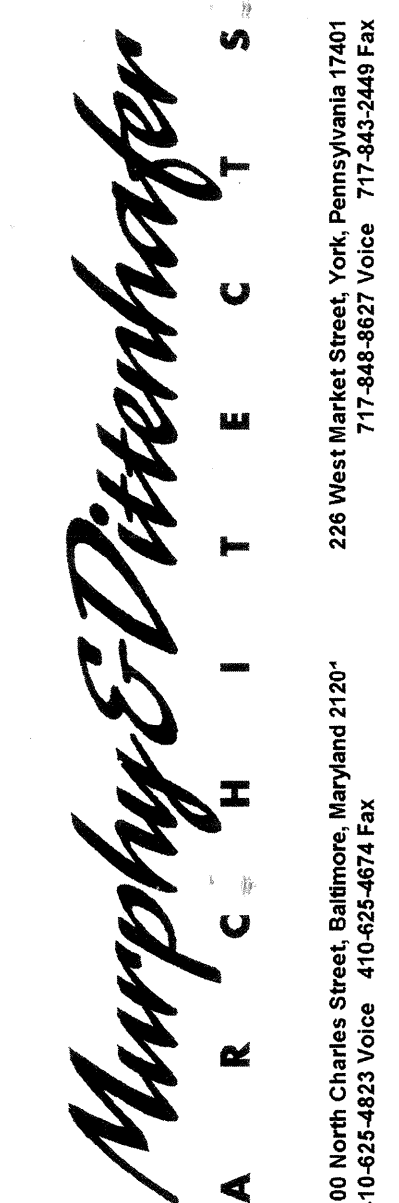
SHEET 43 OF 91



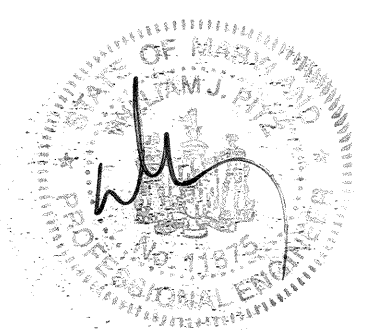
1. OVERFLOW ON ROOF WILL BE HANDLED WITH SCUPPERS. SEE ARCHITECTURAL FOR LOCATIONS.
2. ROOF SQUARE FOOTAGE = 68.



							BID DOCUMENT
							30X96
CAD DWG FILE:	Q3183						
DRAWN BY:	JRH						
CHECKED BY:	WDM						
PROJECT NO.	BB-621-003-00						
DATE:	3/3/08						
FIRST FLOOR PLAN PLUMBING							
P1.1							
SHEET	64	OF	93				

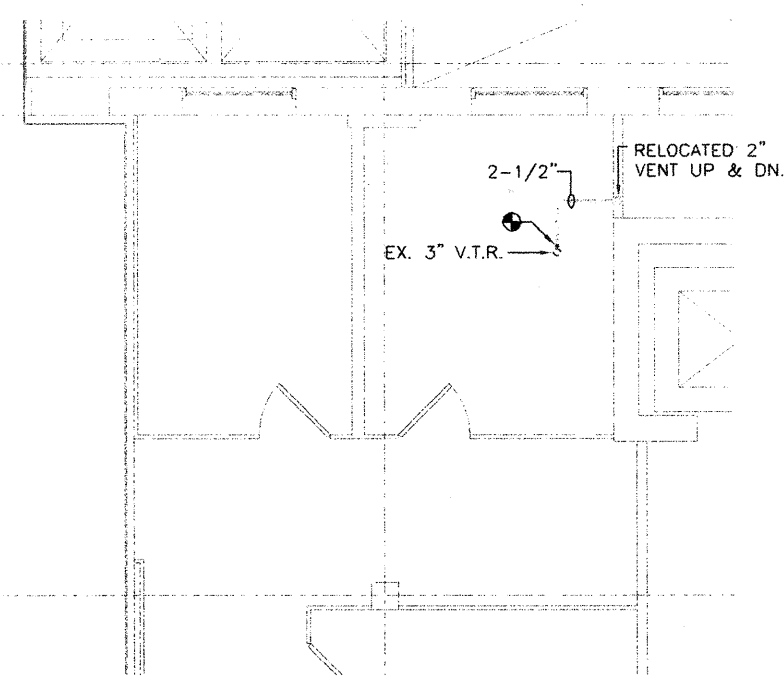


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Consulting
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Tel: (410) 235-0057, Fax: (410) 235-0946
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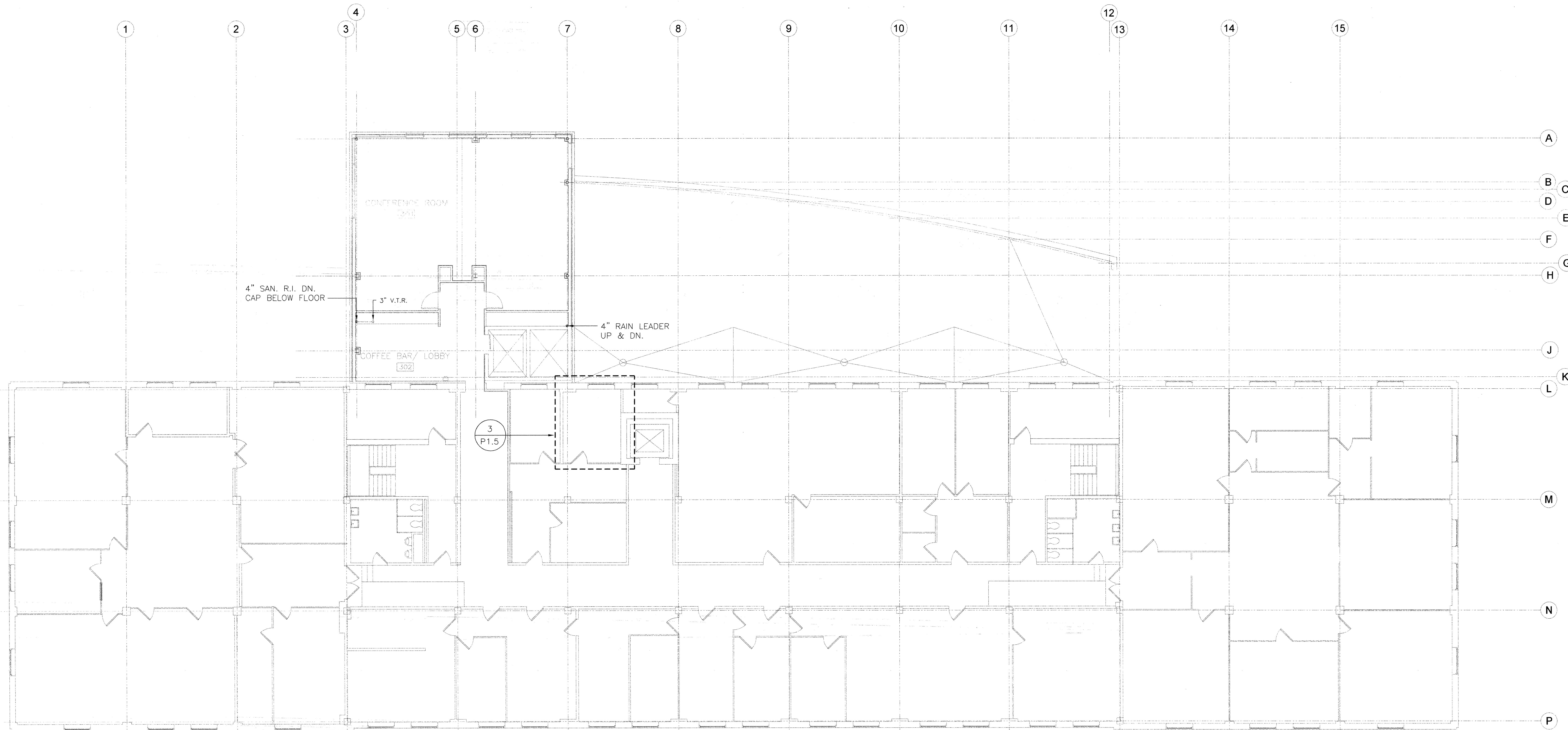


THIRD FLOOR PART
PLAN - PLUMBING - PHASE 1 NORTH
P1.5 SCALE: 1/8"=1'-0"

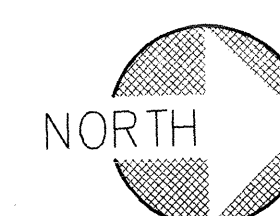
PART PLAN NOTE
1. CONTRACTOR SHALL FIELD VERIFY EX. 3" V.T.R. PRIOR TO BEGINNING WORK.

GENERAL NOTES

1. STORM WATER PIPING SHOWN ON THIS PLAN IS LOCATED IN SECOND FLOOR CEILING.
2. OVERFLOW ON ROOF WILL BE HANDLED WITH SCUPPERS. SEE ARCHITECTURAL FOR LOCATIONS.
3. ROOF SQUARE FOOTAGE = 3010.



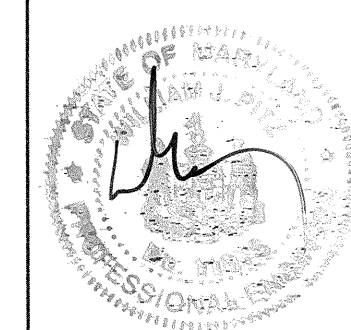
THIRD FLOOR PLAN - PLUMBING - PHASE 1
SCALE: 1/8"=1'-0"



Murphy & Dittenhafer
ARCHITECTS
228 West Market Street, York, Pennsylvania 17401
410-623-4823 Voice 410-623-4877 Fax 717-543-2448 Fax

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ASSOCIATES
Consulting Engineers
15 West Aylesbury Road,
Timonium, Maryland 21093
Phone 410.561.1337
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CAD DWG FILE: 03183
DRAWN BY: JRH
CHECKED BY: WDM
PROJECT NO: BB-621-003-001

DATE: 3/3/06
THIRD FLOOR PLAN
PLUMBING

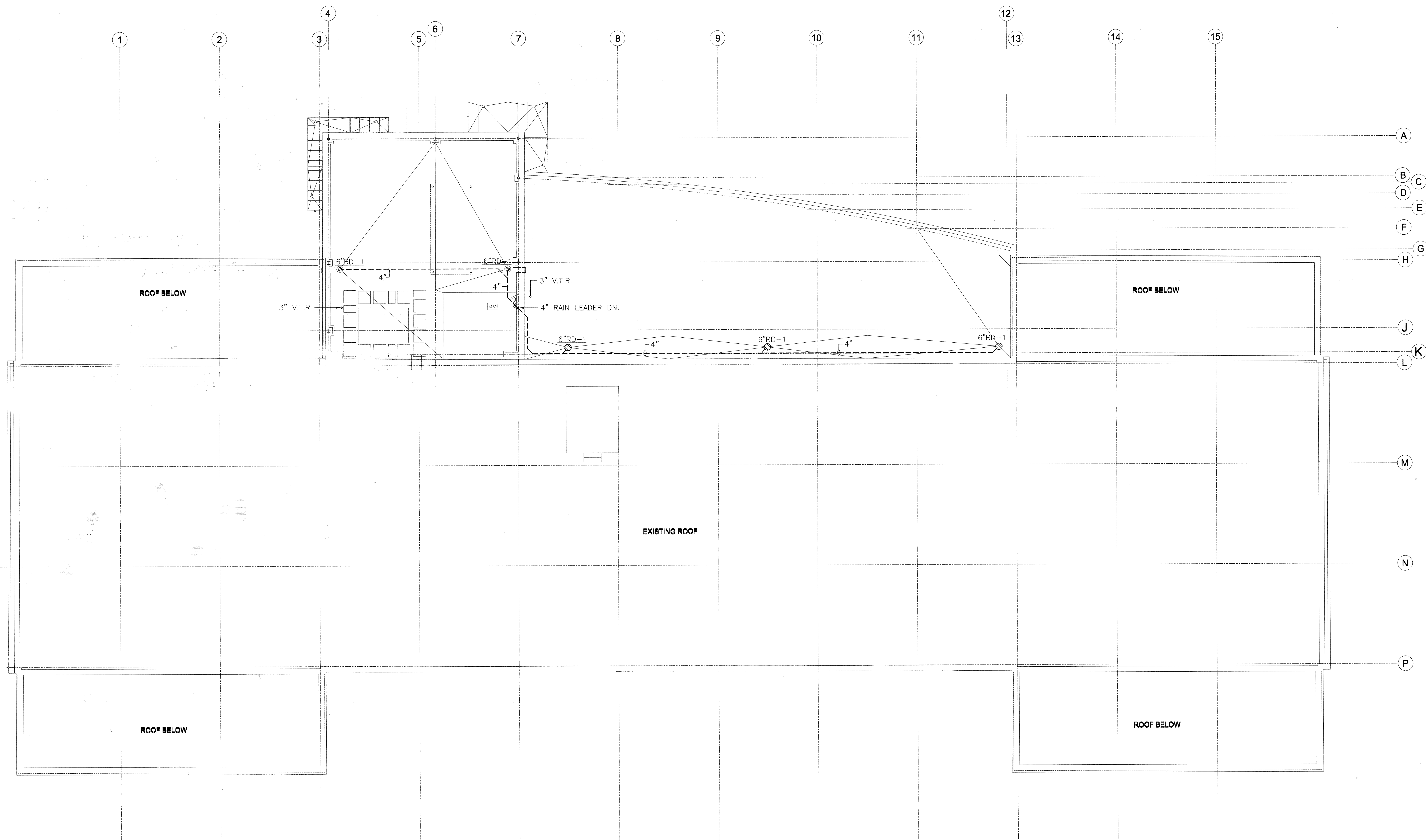
P1.3

SHEET 66 OF 91

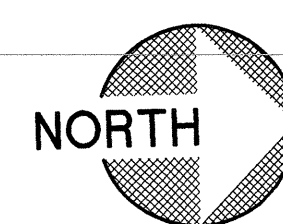
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GENERAL NOTES

1. STORM WATER PIPNG SHOWN ON THIS PLAN IS LOCATED IN THIRD FLOOR CEILING.
2. OVERFLOW ON ROOF WILL BE HANDLED WITH SCUPPERS. SEE ARCHITECTURAL FOR LOCATIONS.
3. ROOF SQUARE FOOTAGE = 1740.



ROOF PLAN - PLUMBING - PHASE 1
SCALE: 1/8"=1'-0"



Murphy & Dittenhafer
ARCHITECTS
226 West Market Street, York, Pennsylvania 17401
717-848-8827 Voice 717-848-2468 Fax

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15 West Aylesbury Road,
Timonium, Maryland 21093
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NO.	DATE	DESCRIPTION

CAD DWG FILE:	03183
DRAWN BY:	JRH
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PROJECT NO:	BB-021-003-001
DATE:	3/03/06
ROOF PLAN PLUMBING	
P1.4	
SHEET 67 OF 91	

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MDP																									
V: 277/480		Bus: 2000A		Remarks: QED-S SWITCHBOARD TYPE										Conn. KVA		Amps		DEM. KVA:		319					
Ph: 3		Main: 2000A MAIN (SEPARATE SECTION)												Sum/Avg		308.3		371		DEM. AMPS:		384			
W: 4		Mtg: SURFACE												A		106.7		385		SPAREX:		384			
AIC: 65k														B		103.8		375		MCA:		384			
														C		97.8		353							
Mtg Space: 54" ON EACH SIDE (DOUBLE WIDE TOTAL OF 108")																									
CKT	FOR	Notes	CIRCUITING								FOR	Notes	CIRCUITING								FOR	Notes			
			SETS	NO	SIZE	C	P	A	KVA	CB			LOAD	CKT	SETS	NO	SIZE	C	P	A			KVA	CB	LOAD
1	LPA (7.5")	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
			1	3/1	500/3	3	1/2	3	400	63.18	61.18	58.08	2	ELA (4.5")	---	---	---	---	---	---	---	---	---	---	---
			---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
3	ELEVATOR #1 (4.5")	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
			1	3/1	3/8	1	1/4	3	90	14.4	14.4	14.4	4	ELEVATOR #2 (4.5")	---	---	---	---	---	---	---	---	---	---	
			---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
			---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
5	ELLS (4.5")	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
			1	3/1	1/0 /6	2		3	150	11.04	10.1	7.166			---	---	---	---	---	---	---	---	---	---	
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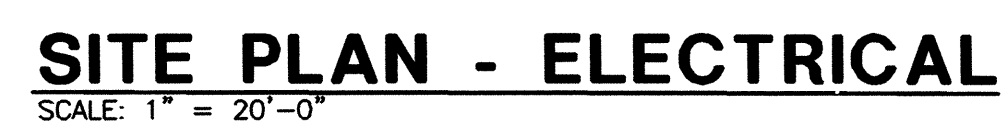
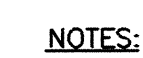
LPA																								
V: 277/480			Bus: 400A			Remarks:			Conn. KVA			Amps			DEM. KVA:			190						
Ph: 3			Main: MLO						Sum/Avg			182.4			220			DEM. AMPS:						
W: 4			Mtg: SURFACE						A			63.2			228			SPAREK:						
AIC: 42k			Poles: 42						B			61.2			221			MCA:						
									C			58.1			210									
CKT	FOR		Notes	CIRCUITING			CB			LOAD	CKT	FOR		Notes	CIRCUITING			CB			LOAD			
	SETS	NO	SIZE	C	P	A	KVA					SETS	NO	SIZE	C	P	A	KVA						
1	TRANSFORMER-TA	---	---	3/1	3/0	6	2	3	200	22.87	2	LTG: GROUND FLOOR	---	---	---	---	---	---	---	---	---	---		
3	---	---	---	---	---	---	---	---	---	22.87	4	LTG: FIRST FLOOR	---	---	2/1	12/12	3/4	1	20	4.155	a	---		
5	---	---	---	---	---	---	---	---	---	22.87	6	LTG: FIRST FLOOR	---	---	1	2/1	12/12	3/4	1	20	3.878	b		
6	---	---	---	---	---	---	---	---	---	22.87	8	LTG: FIRST FLOOR	---	---	1	2/1	12/12	3/4	1	20	3.601	c		
7	CP-1, 2, 3, 4	(1)	1	4/1	4/8	1	1/4	3	80	16.62	8	LTG: SECOND FLOOR	---	---	1	2/1	12/12	3/4	1	20	3.933	a		
9	---	---	---	---	---	---	---	---	---	16.62	10	LTG: SECOND FLOOR	---	---	1	2/1	12/12	3/4	1	20	1.994	b		
11	---	---	---	---	---	---	---	---	---	16.62	12	LTG: THIRD FLOOR	---	---	1	2/1	12/12	3/4	1	20	2.77	c		
13	JACKET HEATER	---	1	3/1	12/12	3/4	3	20	1	14	AHU-G-1	---	---	1	3/1	12/12	3/4	3	20	3.047	a			
15	---	---	---	---	---	---	---	---	---	1	16	---	---	---	---	---	---	---	---	---	3.047	b		
17	---	---	---	---	---	---	---	---	---	1	18	---	---	---	---	---	---	---	---	---	3.047	c		
20	AHU-G-2	---	1	3/1	10/10	3/4	3	30	5.817	20	ERV-1	---	---	1	3/1	12/12	3/4	3	20	2.355	a			
21	---	---	---	---	---	---	---	---	5.817	22	---	---	---	---	---	---	---	---	---	---	2.355	b		
23	---	---	---	---	---	---	---	---	5.817	24	---	---	---	---	---	---	---	---	---	---	2.355	c		
25	LTG: GROUND FLOOR	---	1	2/1	12/12	3/4	1	20	3.379	26	SPARE	---	---	---	---	---	---	---	---	1	20	a		
27	LTG: THIRD FLOOR	---	1	2/1	12/12	3/4	1	20	3.601	28	SPARE	---	---	---	---	---	---	---	---	1	20	b		
29	SPACE	---	---	---	---	---	---	---	---	30	SPARE	---	---	---	---	---	---	---	---	1	20	c		
31	SPACE	---	---	---	---	---	---	---	---	32	SPACE	---	---	---	---	---	---	---	---	---	---	a		
33	SPACE	---	---	---	---	---	---	---	---	34	SPACE	---	---	---	---	---	---	---	---	---	---	b		
35	SPACE	---	---	---	---	---	---	---	---	36	SPACE	---	---	---	---	---	---	---	---	---	---	c		
37	SPACE	---	---	---	---	---	---	---	---	38	SPACE	---	---	---	---	---	---	---	---	---	---	a		
39	SPACE	---	---	---	---	---	---	---	---	40	SPACE	---	---	---	---	---	---	---	---	---	---	b		
41	SPACE	---	---	---	---	---	---	---	---	42	SPACE	---	---	---	---	---	---	---	---	---	---	c		
NOTES:																								
(1) PROVIDE NEUTRAL																								

RPA1																									
V: 120/208		Bus: 225A		Remarks:		Conn. KVA		Amps		DEM. KVA:		36.5													
Ph: 3		Main: 200A MCB				Sum/Avg		42.9		119		DEM. AMPS:		101											
W: 4		Mtg: SURFACE				B		14.0		117		SPARE:		101											
AIC: 22k		Poles: 42				C		14.7		123		MCA:		101											
CKT	FOR	Notes	CIRCUITING						CB	LOAD	CKT	FOR	Notes	CIRCUITING						CB	LOAD	CKT			
			SETS	NO	SIZE	C	P	A						KVA	SETS	NO	SIZE	C	P				A	KVA	
1	LITG: FIRST FLOOR	---	1	2/1	12/12	3/4"	1	20	1.44	4	2	REC. OPEN OFFICE 101	---	1	2/1	12/12	3/4"	1	20	1.26	a				
3	SUMP PUMP	---	1	---	12/12	3/4"	1	20	1.44	2	4	REC. OPEN OFFICE 101	---	1	2/1	12/12	3/4"	1	20	1.26	b				
5	SUMP PUMP	---	1	---	12/12	3/4"	1	20	1	6	6	REC. OPEN OFFICE 101	---	1	2/1	12/12	3/4"	1	20	1.26	c				
7	REC-ELECTRIC ROOM	---	1	2/1	12/12	3/4"	1	20	0.36	8	8	REC. OPEN OFFICE 101	---	1	2/1	12/12	3/4"	1	20	1.26	d				
9	REC-OPEN OFFICE 103	---	1	2/1	12/12	3/4"	1	20	0.3	10	10	REC. OPEN OFFICE 101	---	1	2/1	12/12	3/4"	1	20	1.26	e				
11	REC-MECH ROOM	---	1	2/1	12/12	3/4"	1	20	1.26	12	12	REC. OPEN OFFICE 101	---	1	2/1	12/12	3/4"	1	20	1.26	f				
13	REC-LOBBY	---	1	2/1	12/12	3/4"	1	20	0.72	14	14	REC. OPEN OFFICE 101	---	1	2/1	12/12	3/4"	1	20	1.26	g				
15	REC-OPEN OFFICE 108	---	1	2/1	12/12	3/4"	1	20	1.08	16	16	REC. OPEN OFFICE 101	---	1	2/1	12/12	3/4"	1	20	1.26	h				
17	REC-OPEN OFFICE 108	---	1	2/1	12/12	3/4"	1	20	1.44	18	18	REC. OPEN OFFICE 101	---	1	2/1	12/12	3/4"	1	20	1.26	i				
19	REC-OPEN OFFICE 108	---	1	2/1	12/12	3/4"	1	20	1.44	20	20	REC. OPEN OFFICE 101	---	1	2/1	12/12	3/4"	1	20	1.26	j				
21	REC-SPRINKLER	---	1	2/1	12/12	3/4"	1	20	0.18	22	22	REC. OPEN OFFICE 101	---	1	2/1	12/12	3/4"	1	20	1.26	k				
23	REC-OFFICE	---	1	2/1	12/12	3/4"	1	20	1.26	24	24	REC. ELEVATOR	---	1	2/1	12/12	3/4"	1	20	1.26	l				
25	REC-OPEN OFFICE A101	---	1	2/1	12/12	3/4"	1	20	1.26	26	26	REC. RESTROOMS	---	1	2/1	12/12	3/4"	1	20	0.54	m				
27	REC-OPEN OFFICE A101	---	1	2/1	12/12	3/4"	1	20	1.26	28	28	REC. ELEVATOR	---	1	2/1	12/12	3/4"	1	20	1.26	n				
29	REC-OPEN OFFICE A101	---	1	2/1	12/12	3/4"	1	20	1.26	30	30	SPARE	---	---	---	12/12	3/4"	1	20	c					
31	REC-OPEN OFFICE A101	---	1	2/1	12/12	3/4"	1	20	1.26	32	32	BOILER #1	---	1	2/1	12/12	3/4"	1	20	0.864	o				
33	REC-OPEN OFFICE A101	---	1	2/1	12/12	3/4"	1	20	1.26	34	34	BOILER #2	---	1	2/1	12/12	3/4"	1	20	0.864	p				
35	REC-OPEN OFFICE A101	---	1	2/1	12/12	3/4"	1	20	1.26	36	36	VAV CONTROLS	---	1	2/1	12/12	3/4"	1	20	1	q				
37	REC-OPEN OFFICE A101	---	1	2/1	12/12	3/4"	1	20	1.26	38	38	SPARE	---	---	---	12/12	1"	1	20	1	r				
39	REC-OPEN OFFICE A101	---	1	2/1	12/12	3/4"	1	20	1.26	40	40	BATTERY CHARGER	---	---	---	12/12	1"	1	20	1	s				
41	REC-OPEN OFFICE A101	---	1	2/1	12/12	3/4"	1	20	1.26	42	42	MONITOR	---	---	---	12/12	1"	1	20	1	t				
NOTES:																									

RPA2																			
V: 120/208		Bus: 225A		Remarks:		Conn. KVA		Amps		DEM. KVA:									
Ph: 3		Main: MLO				Sum/Avg		41.7 118		DEM. AMPS:									
W: 4		Mtg: RECESSED				B		13.9 116		SPAREKVA:									
MC: 22k		Poles: 42				C		13.6 114		MCA:									
CKT	FOR	Notes	CIRCUITING						CKT	FOR	Notes	CIRCUITING							
			SETS	NO	SIZE	C	P	A				LOAD	CB	LOAD	CB	LOAD			
1	REC-OPEN OFFICE 201A		1	2/1	12/12	3/4"	1	20	1.26	2	REC-LOBBY BAR 302		1	2/1	12/12	3/4"	1	20	0.72
2	REC-OPEN OFFICE 201A		1	2/1	12/12	3/4"	1	20	1.26	4	REC-COFFEE BAR 302		1	2/1	12/12	3/4"	1	20	0.5
5	REC-OPEN OFFICE 201A		1	2/1	12/12	3/4"	1	20	1.26	6	REC-COFFEE BAR 302		1	2/1	12/12	3/4"	1	20	0.5
7	REC-OPEN OFFICE 201A		1	2/1	12/12	3/4"	1	20	1.26	8	REC-COFFEE BAR 302		1	2/1	12/12	3/4"	1	20	0.5
8	REC-OPEN OFFICE 201A		1	2/1	12/12	3/4"	1	20	1.26	10	REC-COFFEE BAR 302		1	2/1	12/12	3/4"	1	20	0.5
11	REC-OPEN OFFICE 201A		1	2/1	12/12	3/4"	1	20	1.26	12	REC-CONFERENCE ROOM 302		1	2/1	12/12	3/4"	1	20	1.26
13	REC-OPEN OFFICE 201A		1	2/1	12/12	3/4"	1	20	1.26	14	REC-CONFERENCE ROOM 302		1	2/1	12/12	3/4"	1	20	1.26
16	REC-OPEN OFFICE 201A		1	2/1	12/12	3/4"	1	20	1.26	16	REC-CONFERENCE ROOM 302		1	2/1	12/12	3/4"	1	20	1.26
18	REC-OPEN OFFICE 201B		1	2/1	12/12	3/4"	1	20	1.26	18	REC-CONFERENCE ROOM 302		1	2/1	12/12	3/4"	1	20	1.26
19	REC-OPEN OFFICE 201B		1	2/1	12/12	3/4"	1	20	1.26	20	REC-CONFERENCE ROOM 302		1	2/1	12/12	3/4"	1	20	1.26
21	REC-OPEN OFFICE 201B		1	2/1	12/12	3/4"	1	20	1.26	22	REC-CONFERENCE ROOM 302		1	2/1	12/12	3/4"	1	20	1.26
23	REC-OPEN OFFICE 201B		1	2/1	12/12	3/4"	1	20	1.26	24	REC-CONFERENCE ROOM 302		1	2/1	12/12	3/4"	1	20	1.26
25	REC-OPEN OFFICE 202		1	2/1	12/12	3/4"	1	20	1.26	26	REC-OPEN OFFICE 202		1	2/1	12/12	3/4"	1	20	1.26
27	REC-OPEN OFFICE 202		1	2/1	12/12	3/4"	1	20	1.26	28	REC. LOBBY		1	2/1	12/12	3/4"	1	20	0.54
29	REC-OPEN OFFICE 202		1	2/1	12/12	3/4"	1	20	1.26	30	REC. ROOF		1	2/1	12/12	3/4"	1	20	0.54
31	REC-OPEN OFFICE 202		1	2/1	12/12	3/4"	1	20	1.26	32	REC. RESTROOMS		1	2/1	12/12	3/4"	1	20	0.54
33	REC-OPEN OFFICE 202		1	2/1	12/12	3/4"	1	20	1.26	34	VAV CONTROLS		1	---	12/12	3/4"	1	20	1
35	REC-OPEN OFFICE 202		1	2/1	12/12	3/4"	1	20	1.26	36	SPARE		---	---	---	---	---	1	20
37	REC-OPEN OFFICE 202		1	2/1	12/12	3/4"	1	20	1.26	38	SPARE		---	---	---	---	---	1	20
39	REC-OPEN OFFICE 202		1	2/1	12/12	3/4"	1	20	1.26	40	SPARE		---	---	---	---	---	1	20
41	REC-OPEN OFFICE 202		1	2/1	12/12	3/4"	1	20	1.26	42	SPARE		---	---	---	---	---	1	20

1. ELECTRICAL CONTRACTOR MUST INSTALL ALL CONDUIT, SWITCHGEAR TUBS AND TRANSFORMER PRE-CAST PAD. (SWITCHGEAR TUBS PROVIDED BY BGE).

2. BASED ON PRELIMINARY EVALUATION AND USING EXISTING PRIMARY ELECTRIC SUPPLY, NEW TRANSFORMER WOULD BE SUPPLIED FROM PAD-MOUNTED SWITCHGEAR, WHICH IS SUPPLIED FROM EXISTING MANHOLE AT HUNTER ALLEY AND 21ST STREET. IF BGE REQUIRES SUPPLY FROM ANOTHER PRIMARY SOURCE, ADDITIONAL WORK MAY BE REQUIRED.



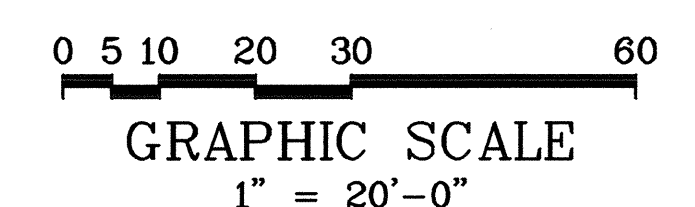
- A) 2 FT. MIN. TO MASONRY FIRE RESISTANT WALLS OF BUILDINGS WITH NO OPENINGS.
20 FT. MIN. TO ANY FLAMMABLE BUILDING WALL. A MIN. DIAGONAL DIST. OF 20 FEET FROM TOP OF TRANSFORMER IS REQUIRED IF PLACED BENEATH WINDOW UNLESS BARRIER WALL IS CONSTRUCTED ACCORDING TO BGE STANDARDS (CAN BE SUPPLIED BY BGE).
20 FT. MIN. ON ANY OPENING IN A BUILDING WALL INCLUDING: DOORS, WINDOWS, VENTILATING EXHAUST, INTAKE DUCTS OR ANY FIRE ESCAPE.
- B) TRANSFORMER TO BE NO FURTHER THAN 20 FEET FROM A PAVED ACCESS ROAD TO ALLOW VEHICULAR ACCESS FOR FUTURE TRANSFORMER/CABLE MAINTENANCE.
- C) TRAFFIC PROTECTION IS REQUIRED ON ALL SIDES OF TRANSFORMER THAT ARE WITHIN 8' OF A ROADWAY OR PARKING LOT. (SEE TRAFFIC PROTECTION STANDARD)
- D) THE ABOVE ARE SUGGESTED MINIMUM CLEARANCES BETWEEN THE TRANSFORMER FOUNDATION AND WINDOWS, DOORS, FIRE ESCAPES, EXHAUSTS AND VENTILATING DUCTS. IT SHALL BE THE OWNER'S RESPONSIBILITY TO SEE THAT APPLICATIONS, NATIONAL ELECTRICAL CODE, MUNICIPALITY AND/OR INSURANCE REQUIREMENTS AND REQUIREMENTS ARE MET.

① DETAIL - TRANSFORMER LOCATION



- NOTES:
- A. THE NUMBER OF SECONDARY CONDUITS SHALL NOT EXCEED 12 TOTAL.
 - B. SECONDARY CONDUIT SHALL BE CENTERED SYMMETRICALLY WITHIN 18" X 16" AREA.
 - C. APPROXIMATE WEIGHT OF PRECAST PAD IS 2200 POUNDS FOR 500 KVA & SMALLER TRANSFORMERS (NO. 12-668) OR 3900 POUNDS FOR 750 KVA & LARGER TRANSFORMERS (NO. 12-790).

② DETAIL - SECONDARY CONDUITS



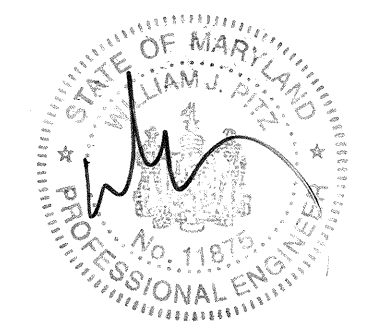
LIGHTING FIXTURE SCHEDULE			
A	2X4 RECESSED FLUORESCENT FIXTURE WITH DIE STEEL HOUSING, ACRYLIC PRISMATIC LENS, BAKED WHITE ENAMEL FINISH AND DUAL ELECTRONIC BALLAST.	3-32W T8/277V	DAY-BRITE LIGHTING 2DPG3-32WT8-01 1/21-EB
A1	2X4 SURFACE MOUNTED FLUORESCENT FIXTURE WITH DIE STEEL HOUSING, ACRYLIC PRISMATIC LENS, BAKED WHITE ENAMEL FINISH AND DUAL ELECTRONIC BALLAST.	2-32W T8/277V	DAY-BRITE LIGHTING 2DPG2-32WT8-01 1/21-EB
B	6" DIA. RECESSED FLUORESCENT DOWNLIGHT FIXTURE WITH CLEAR ALZAK DIFFUSER RING PROVIDE ELECTRONIC BALLAST.	26W PLT TRIPLE TUBE 277V	OMEGA LIGHTING OM6PLT-CS-277V
C	1X4 RECESSED FLUORESCENT FIXTURE WITH DIE STEEL HOUSING, ACRYLIC PRISMATIC LENS, BAKED WHITE ENAMEL FINISH AND ELECTRONIC BALLAST.	2-32W T8/277V	DAY-BRITE LIGHTING 1DG232-FA01-277V
D	4' STRIP FIXTURE WITH SYMMETRICAL REFLECTORS	2-36W SLIMLINE 277V	DAY-BRITE LIGHTING TS248-277/4 TSR-4
	UNIVERSAL MOUNTED LED EXIT SIGN WITH THERMAL PLASTIC HOUSING, SINGLE FACE, RED LETTERS.	277V	DUAL-LITE LXURW-277V
F	6" DIA. RECESSED FLUORESCENT WALL WASHER FIXTURE WITH CLEAR ALZAK DIFFUSER	32W PLT TRIPLE TUBE 277V	OMEGA LIGHTING OM632PLTW-277V
H	8" DIA RECESSED FLUORESCENT DOWNLIGHT WITH CLEAR ALZAK DIFFUSER	1-42 W TRT 277V	OMEGA LIGHTING OM842PLTNDCS 277
H1	8" DIA RECESSED FLUORESCENT DOWNLIGHT WITH CLEAR ALZAK DIFFUSER AND EMERGENCY BATTERY PACK WITH REMOTE TEST SWITCH.	1-42 W TRT 277V	OMEGA LIGHTING OM842PLTNDCS EM 277
	EMERGENCY BATTERY BACK-UP UNIT WITH TWIN HEADS	5.4W 4/277V.	LITHONIA ELM SERIES
EX1	EXTERIOR HID FULLY ADJUSTABLE FIXTURE MOUNTED ON WALL WITH FULL CUT-OFF SHIELD DARK BRONZE FINISH AND, BI-LEVEL BALLAST.	1-350W MH	EFIM350W-277-MAZ BL-BL-PX.1

ELECTRICAL LEGEND	
	HOMERUN TO DESIGNATED PANEL IN MINIMUM 3/4" CONDUIT WITH AN INSULATED GROUND WIRE. U.O.N.. "X-1" INDICATES PANELBOARD AND CIRCUIT NO. RESPECTIVELY.
	CIRCUIT (IN MINIMUM 3/4" U.O.N.) CONCEALED IN WALL OR ABOVE CEILING WITH MINIMUM INSULATED GROUND WIRE (MINIMUM #12 AWG, U.O.N.) FOR EACH CONDUIT RUN #12 AWG WIRE. NO. OF HATCHES INDICATE NO. OF PHASE & NEUTRAL WIRES.
	WIRING CONCEALED IN OR UNDER FLOOR WITH MINIMUM INSULATED GROUND WIRE (MINIMUM #12 AWG, U.O.N.) FOR EACH CONDUIT RUN #12 AWG WIRE. NO. OF HATCHES INDICATE NO. OF PHASE & NEUTRAL WIRES.
	WIRING TO NITE LITE CIRCUIT (FUTURE GENERATOR)
\$	20A.,1P.,120/277V., TOGGLE SWITCH, MH = 48" AFF
\$3	20A.,1P.,3-WAY, 120-277V TOGGLE SWITCH,MH = 48" AFF.
	FLUORESCENT FIXTURE. LETTER DESIGNATIONS CORRESPOND TO LIGHTING FIXTURE SCHEDULE.ON NITE LIGHT CIRCUIT.
	FLUORESCENT FIXTURE. LETTER DESIGNATIONS CORRESPOND TO LIGHTING FIXTURE SCHEDULE.
	2'X4' FLUORESCENT FIXTURE. LETTER DESIGNATIONS CORRESPOND TO LIGHTING FIXTURE SCHEDULE.
	2'X4' FLUORESCENT FIXTURE. ON NITE LITE CIRCUIT(FUTURE GENERATOR)
	RECESSED LIGHTING FIXTURE. LETTER DESIGNATIONS CORRESPOND TO LIGHTING FIXTURE SCHEDULE. SHADING IN FIXTURE INDICATES A FIXTURE ON AN NITE LITE CIRCUIT.
	WALL MOUNTED LIGHTING FIXTURE. LETTER DESIGNATIONS CORRESPOND WITH LIGHTING FIXTURE SCHEDULE.
	UNIVERSAL MOUNTED EMERGENCY EXIT SIGN, CEILING MOUNTED, WALL MOUNTED.
	EMERGENCY LIGHTING
	DENOTES DRAWING NOTES.
UON	UNLESS OTHERWISE NOTED
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE



SP
SCHLENGER/PITZ & ASSOCIATES, INC.
Consulting Engineers
15 West Aylesbury Road,
Timonium, Maryland 21093
Phone 410.561.1337
Fax 410.561.1446
73 East Forrest Ave. Suite 2,
Shrewsbury, Pennsylvania 17367
Phone 717.227.2320
Fax 717.227.9916
www.spaengineers.com
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PHASE ONE: ADDITION TO STATE OFFICE BUILDING NO.3
2100 GUILFORD AVENUE, BALTIMORE, MD 21218
MARYLAND DEPARTMENT OF GENERAL SERVICES

[illegible]

CAD DWG FILE:	03183
DRAWN BY:	JJH
CHECKED BY:	RMM
PROJECT NO:	BB-621-003-00
DATE:	3/03/06

SCHEDULES AND DETAILS

E0.3

SHEET 71 OF 91

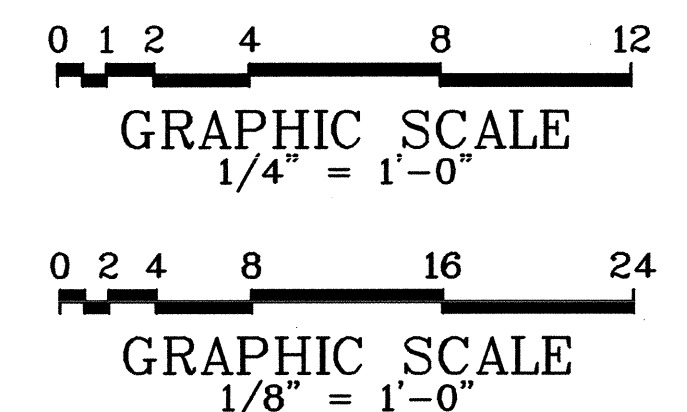
JCE Johnson
Consulting
Engineers, Inc.

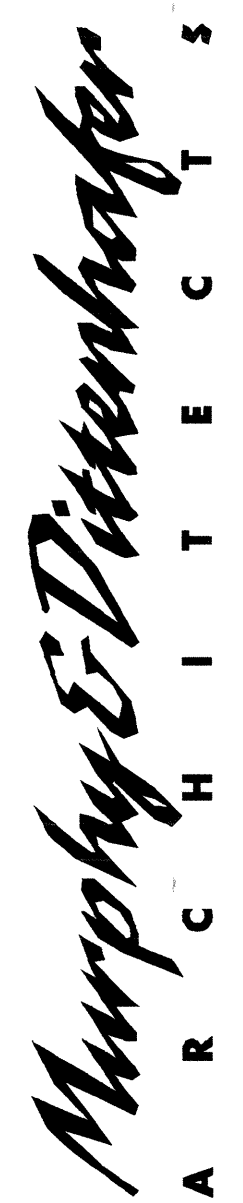
130 W. 25th Street Baltimore, Maryland 21218
Tel: (410) 235-0057, Fax: (410) 235-0946
Email: info@jcengineers.net

1 PART PLAN - ELECTRICAL ROOM SCALE: 1/4" = 1'-0"

- SPECIFIC NOTES (APPLY TO DRAWING E1.0 AS INDICATED):**
- 1) 4" EMT CONDUITS FOR FUTURE ELECTRICAL FEEDS. ROUTE CONDUITS OVERHEAD, TIGHT TO CEILING AND STUB IN TO EXISTING BUILDING AT POINT INDICATED AND ROUTE BACK TO BUILDING MAIN ELECTRIC ROOM.
 - 2) ALL ASSOCIATED APPURTENANCES TO BE MOVED TO EXISTING ANTENNA TO BE RELOCATED. RETAIN PROPER FUNCTIONALITY.
 - 3) EXISTING MECHANICAL SYSTEM TO BE DEMOLISHED. REMOVE ALL EXISTING BRANCH CIRCUITING TO NEAREST PANEL.
 - 4) EXISTING MECHANICAL SYSTEM TO BE RELOCATED. EXTEND ELECTRICAL CONNECTIONS TO REVISED LOCATION.

GROUND FLOOR - POWER & FIRE ALARM





MURPHY & DITZLER
ARCHITECTS

800 North Charles Street, Baltimore, Maryland 21201
410-525-8523 Voice 410-525-4674 Fax



SCHLENGER & PITZ
ASSOCIATES

Consulting Engineers
15 West Aylesbury Road,
Timonium, Maryland 21093
Phone 410.561.1337
Fax 410.561.1446
73 East Forrest Ave. Suite 230
Shrewsbury, Pennsylvania 17361
Phone 717.227.2320
Fax 717.227.9916
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2100 GUILFORD AVENUE, BALTIMORE, MD 21218
MARYLAND DEPARTMENT OF GENERAL SERVICES



NO.	REVISIONS	DATE	DESCRIPTION

CAD DWG FILE: 03183

DRAWN BY: RKM

CHECKED BY: EMP

PROJECT NO: BB-621-003-001

DATE: 03/03/06

POWER & FIRE ALARM

GROUND FLOOR

E1.0

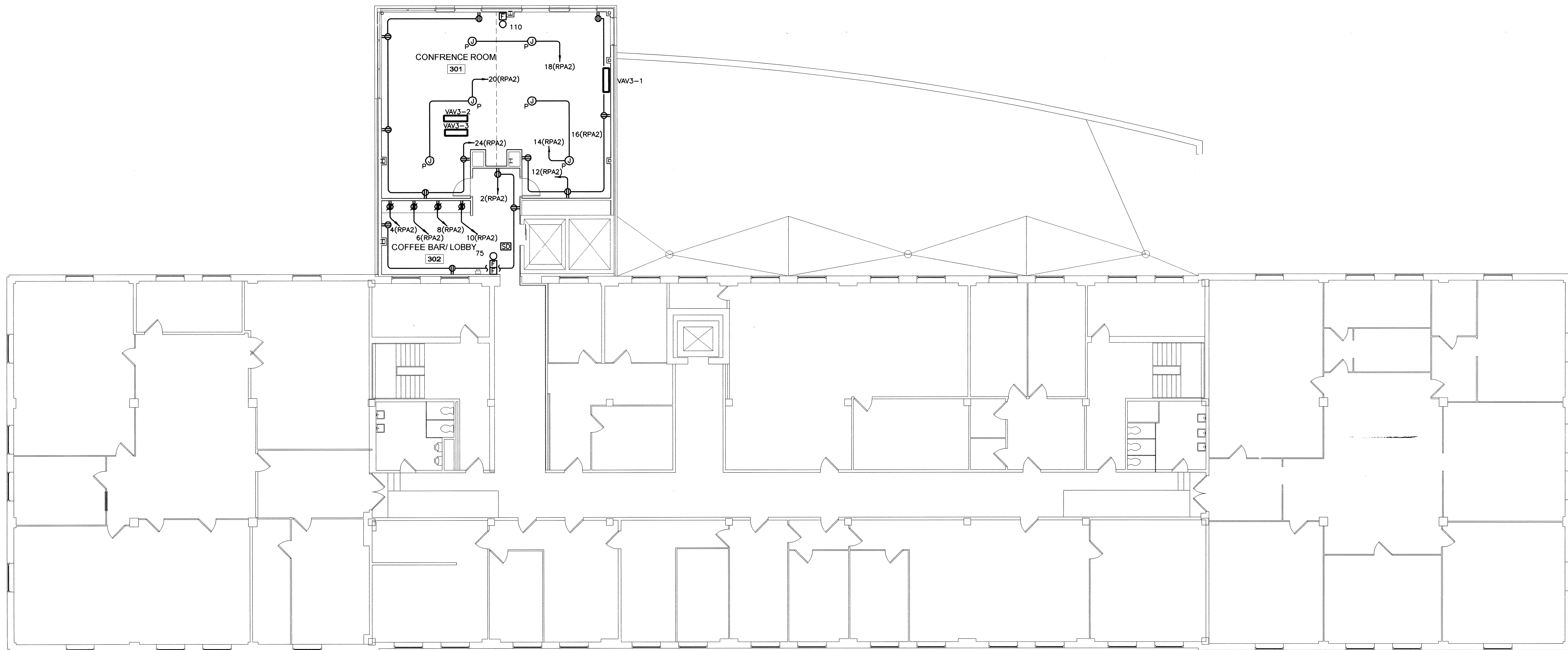
SHEET 72 OF 91

1 COORDINATE LOCATION WITH ARCHITECTURAL DRAWINGS BEFORE ROUGH-IN.

SHEET 73 OF 91[illegible]

A R C H I T E C T S
Murphy & Vitenhafer
800 North Charles Street, Baltimore, Maryland 21201
410-425-4823 Voice 410-425-4771 Fax
226 West Market Street, York, Pennsylvania 17401
717-843-9627 Voice 717-843-2448 Fax

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SOCIATES, INC.
Consulting Engineers
West Aylesbury Road,
Baltimore, Maryland 21093
☎ 410.561.1337
410.561.1446
1st Forrest Ave. Suite 230
Aylesbury, Pennsylvania 17361
☎ 717.227.2320
717.227.9916
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THIRD FLOOR - POWER & FIRE ALARM
SCALE: 1/8" = 1'-0"



0 2 4 8 16 24
GRAPHIC SCALE
1/8" = 1'-0"



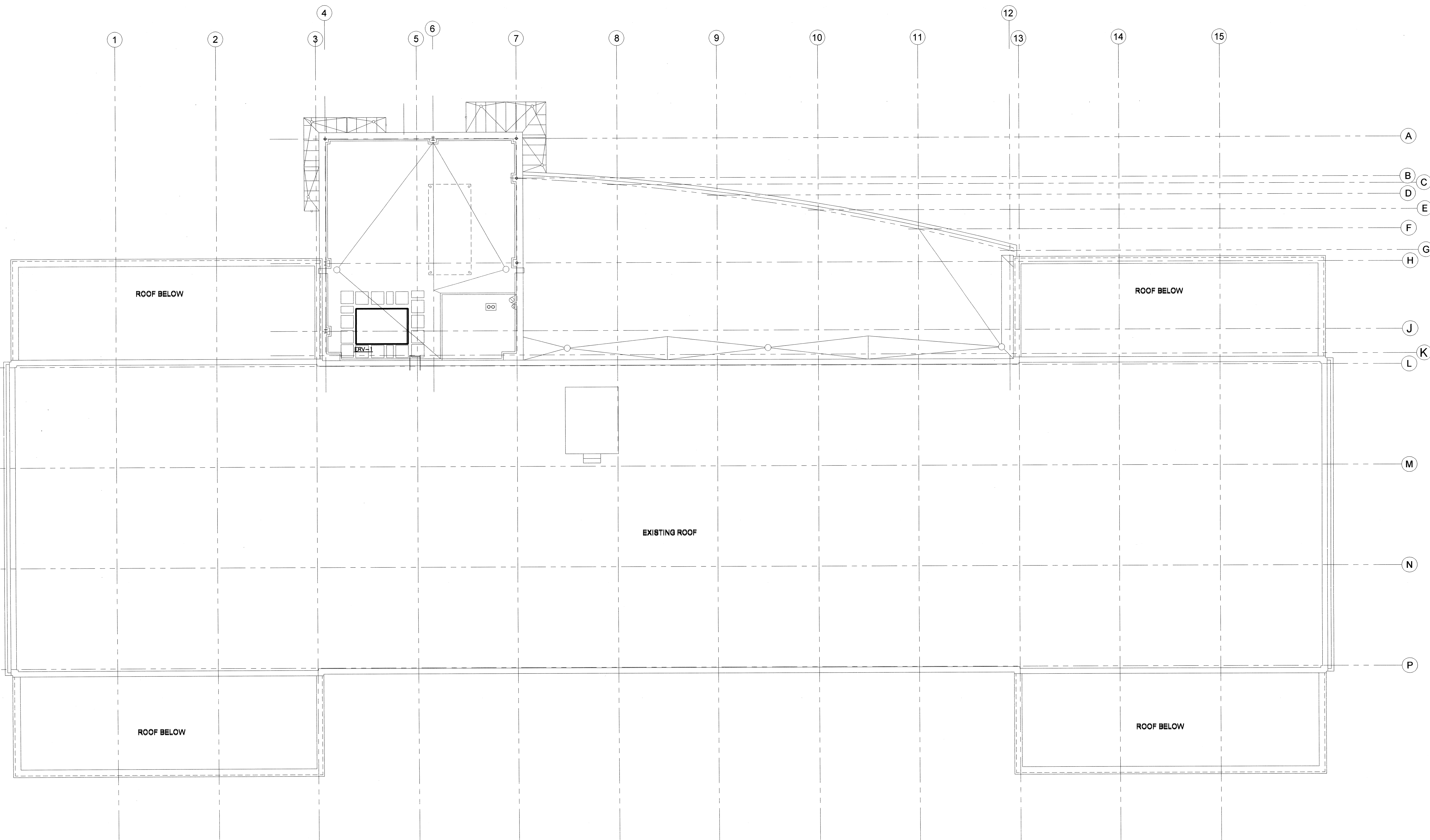
NO.	DATE	DESCRIPTION
1	03/03/06	POWER & FIRE ALARM
2		THIRD FLOOR
3		PHASE 1

CAD DWG FILE: 03183
DRAWN BY: RKM
CHECKED BY: EMP
PROJECT NO: BB-621-003-001
DATE: 03/03/06
POWER & FIRE ALARM
THIRD FLOOR
PHASE 1
E1.3
SHEET 75 OF 91

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Consulting Engineers
15 West Aylesbury Road,
Timonium, Maryland 21093
Phone 410.561.1337
Fax 410.561.1446
73 East Forest Ave. Suite 230
Shrewsbury, Pennsylvania 17361
Phone 717.227.2320
Fax 717.227.9916
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ROOF PLAN - POWER
SCALE: 1/8" = 1'-0"

0 2 4 8 16 24
GRAPHIC SCALE
1/8" = 1'-0"

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ARCHITECTS
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SCHEWORSKY & FITZ
CONSULTING ENGINEERS
15 West Aylesbury Road,
Timonium, Maryland 21093
Phone 410-561.1337
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NO.	DATE	DESCRIPTION
1	03/03/08	POWER ROOF PLAN PHASE 1
2		
3		
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CAD DWG FILE: 03183
DRAWN BY: RKM
CHECKED BY: EMP
PROJECT NO: BB-421-003-001
DATE: 03/03/08
POWER ROOF PLAN PHASE 1
E1.4
SHEET 76 OF 91

- ① CONNECT UNSWITCHED PHASE AND NEUTRAL WIRES TO EMERGENCY BATTERY UNITS, EXIT LIGHTS AND NITE LIGHTS.
- ② PROVIDE A JUNCTION BOX WITH COVER PLATE FOR FUTURE EXIT SIGN.
- ③ CONNECT LIGHTS TO GFI RECEPTACLE LOCATED IN ELEVATOR EQUIPMENT ROOM.

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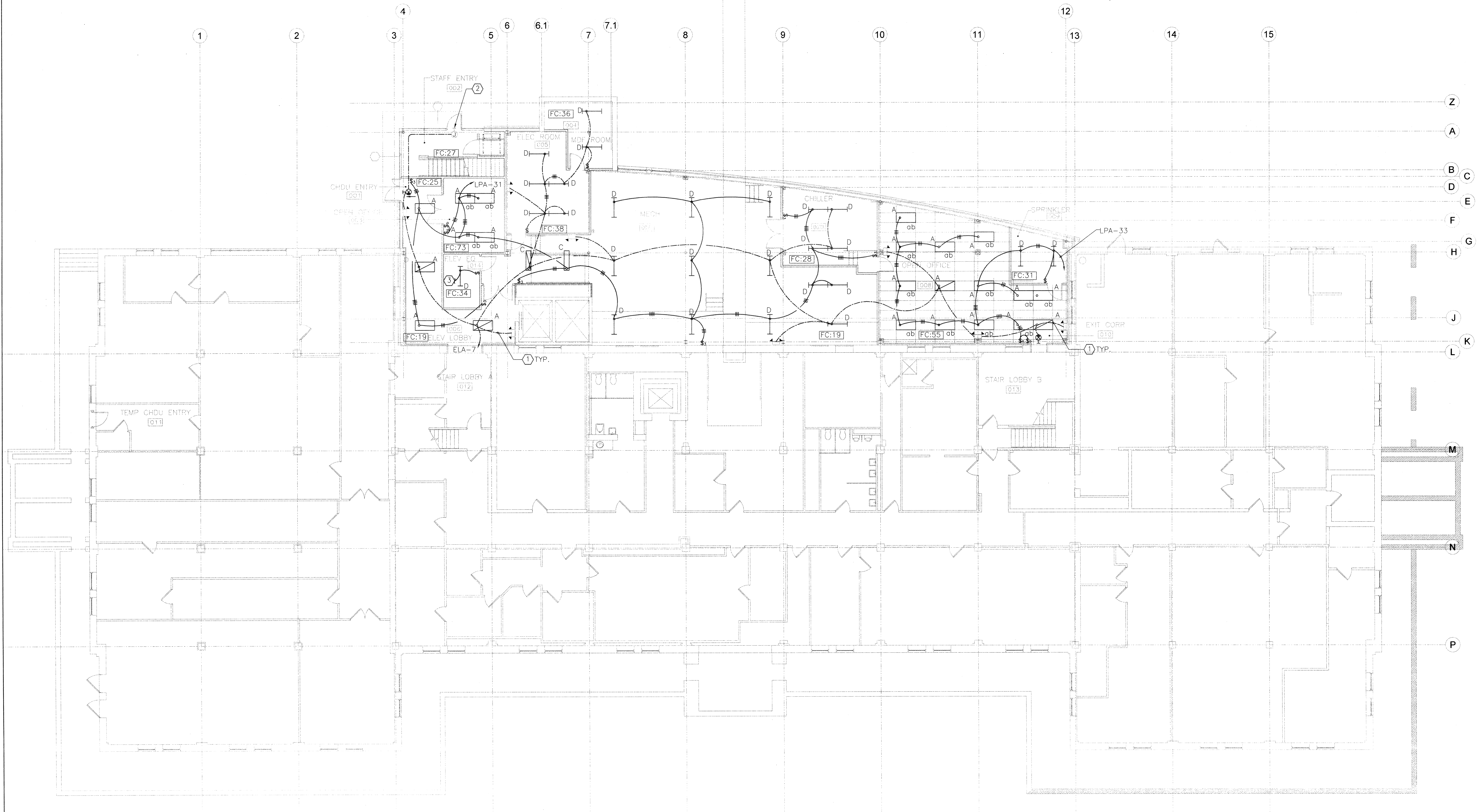
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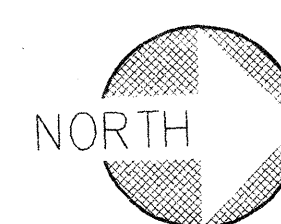
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JCE Johnson
Consulting
Engineers, Inc.

130 W. 25th Street Baltimore, Maryland 21218
Tel: (410) 235-0057, Fax: (410) 235-0946
Email: info@jceengineers.net



GROUND FLOOR PLAN - LIGHTING - PHASE 1
SCALE: 1/8" = 1'0"



- ① CONNECT UNSWITCHED PHASE AND NEUTRAL WIRES TO EMERGENCY BATTERY UNITS, EXIT LIGHTS AND NITE LIGHTS.
- ② PROVIDE A JUNCTION BOX WITH COVER PLATE FOR FUTURE EXIT SIGN.
- ③ CONNECT OUTER LAMPS TO SWITCH (a,c) AND INNER LAMPS TO SWITCH (b,d)
- ④ CONNECT TO THREWAY SWITCH (S) AT THE NORTH ENTRANCE TO SPACE



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10-252-4823 Voice 410-252-8474 Fax

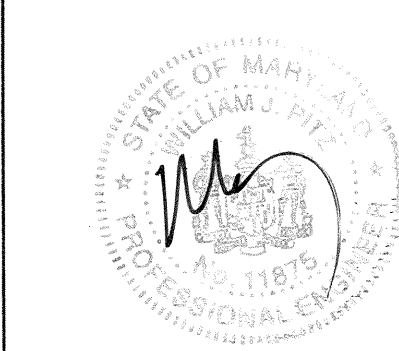
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717-846-8827 Voice 717-843-2488 Fax

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Consulting Engineers
15 West Aylesbury Road,
Timonium, Maryland 21093
Phone 410.561.1337
Fax 410.561.1446
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CHECKED BY:	RMM				
PROJECT NO.	BB-621-003-007				
DATE:	3/03/06				
FIRST FLOOR PLAN LIGHTING					
E1.11					
SHEET	78	OF	91		

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Engineers, Inc.

130 W. 25th Street Baltimore, Maryland 21218
Tel: (410) 235-0057, Fax: (410) 235-0946
Email: info@jceengineers.net

- ① CONNECT UNSWITCHED PHASE AND NEUTRAL WIRES TO EMERGENCY BATTERY UNITS, EXIT LIGHTS AND NITE LIGHTS.
- ② PROVIDE A JUNCTION BOX WITH COVER PLATE FOR FUTURE EXIT SIGN.
- ③ CONNECT OUTER LAMPS TO SWITCH (a,c) AND INNER LAMPS TO SWITCH (b,d)
- ④ CONNECT THREWAY SWITCH (S) AT THE NORTH ENTRANCE TO SPACE.
- ⑤ REMOVE EXISTING EXTERIOR LIGHT FIXTURE AND ASSOCIATED WIRING BACK TO POINT OF CONCEALMENT. CONTRACTOR SHALL FIELD VERIFY IF THERE ARE OTHER FIXTURES BEING FED FROM EXISTING CIRCUITS. CONTRACTOR SHALL MAINTAIN CONTINUITY TO THESE FIXTURE.
- ⑥ CONNECT TO EXTERIOR ROOF MOUNTED LIGHTS AT NORTH END OF BUILDING.

PROVIDE A WIDE LITE INTERFACE (#BOB-277)
WITH DIGITAL TIME CLOCK BY WIDE LITE.IN
ELECTRIC ROOM CONTROL WIRING TO BE
2#18 AWG TO EACH FIXTURE.



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Murphy & Dittenhafer
800 North Charles Street, Baltimore, Maryland 21201
410-626-4823 Voice 410-626-4674 Fax

SP
CHLENGER/PITZ ASSOCIATES, INC.
Consulting Engineers
5 West Aylesbury Road,
Monomium, Maryland 21093
Phone 410.561.1337
Fax 410.561.1446
East Forrest Ave. Suite 230
Newbury, Pennsylvania 1736
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	BID DOCUMENT	
	307096	

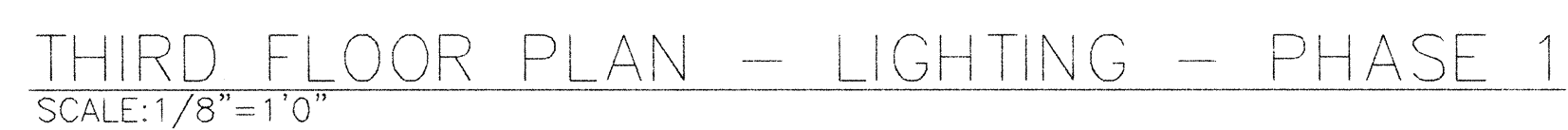
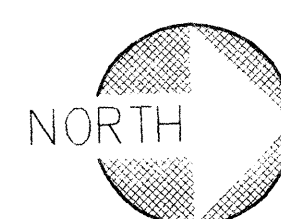
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CHECKED BY:	RMM
PROJECT NO:	BB-621-003-001

E: 3/03/06
COND FLOOR PLAN
LIGHTING

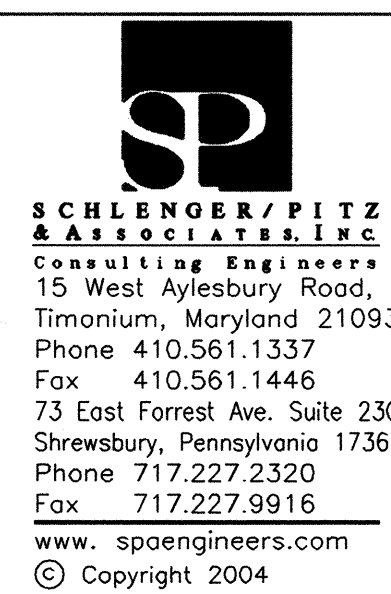
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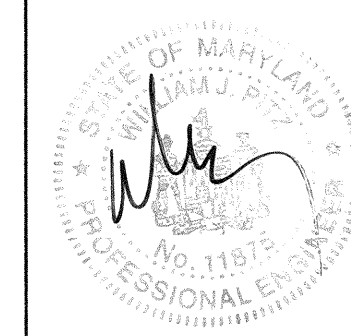
- ① CONNECT UNSWITCHED PHASE AND NEUTRAL WIRES TO EMERGENCY BATTERY UNITS, EXIT LIGHTS AND NITE LIGHTS.
- ② PROVIDE A JUNCTION BOX WITH COVER PLATE FOR FUTURE EXIT SIGN.
- ③ CONNECT OUTER LAMPS TO SWITCH (a,c) AND INNER LAMPS TO SWITCH (b,d)



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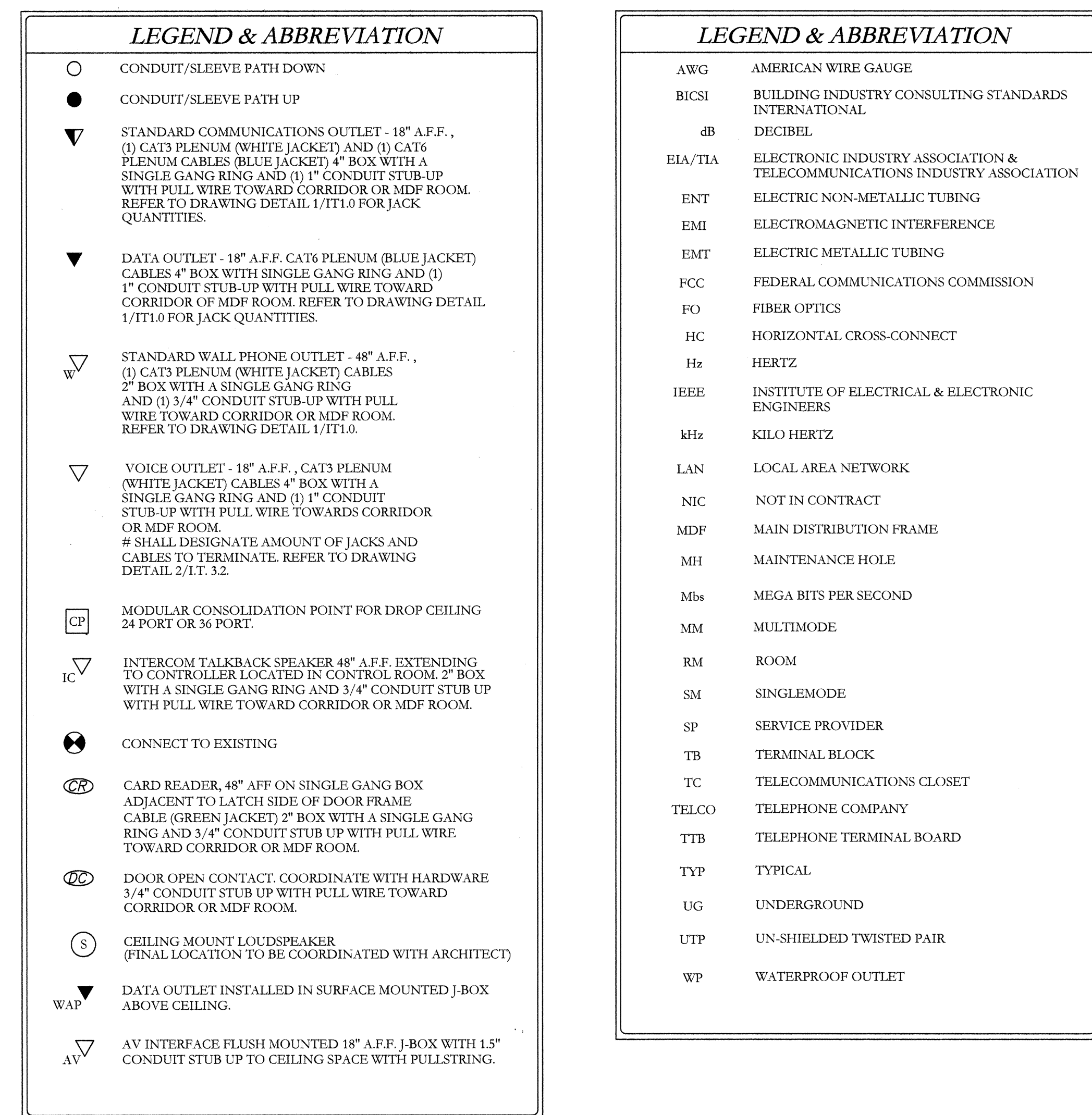
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DRAWN BY:	JJH
CHECKED BY:	RMM
PROJECT NO:	BB-621-003-001

DATE:	3/03/06
THIRD FLOOR PLAN	
LIGHTING	

E1.13

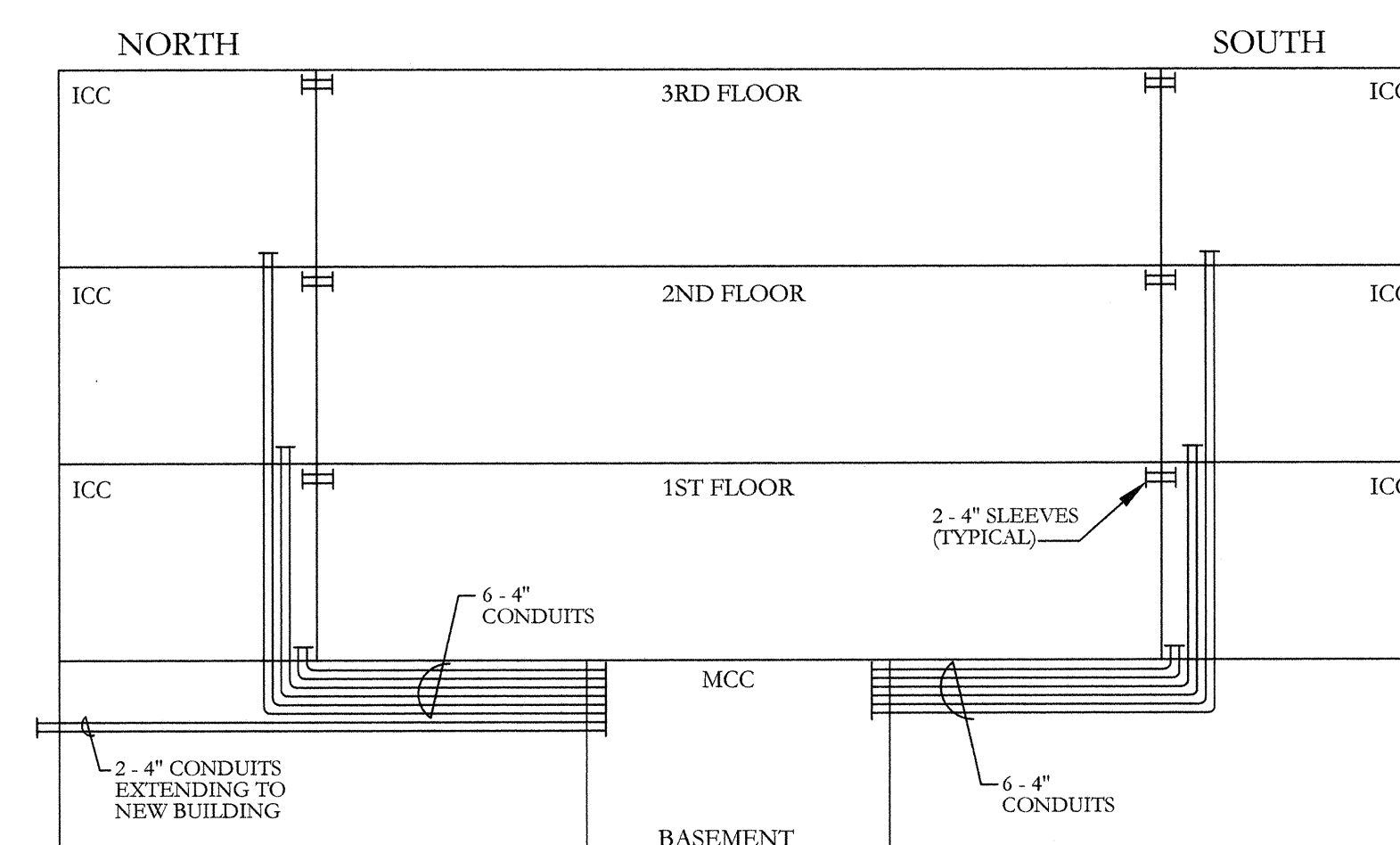
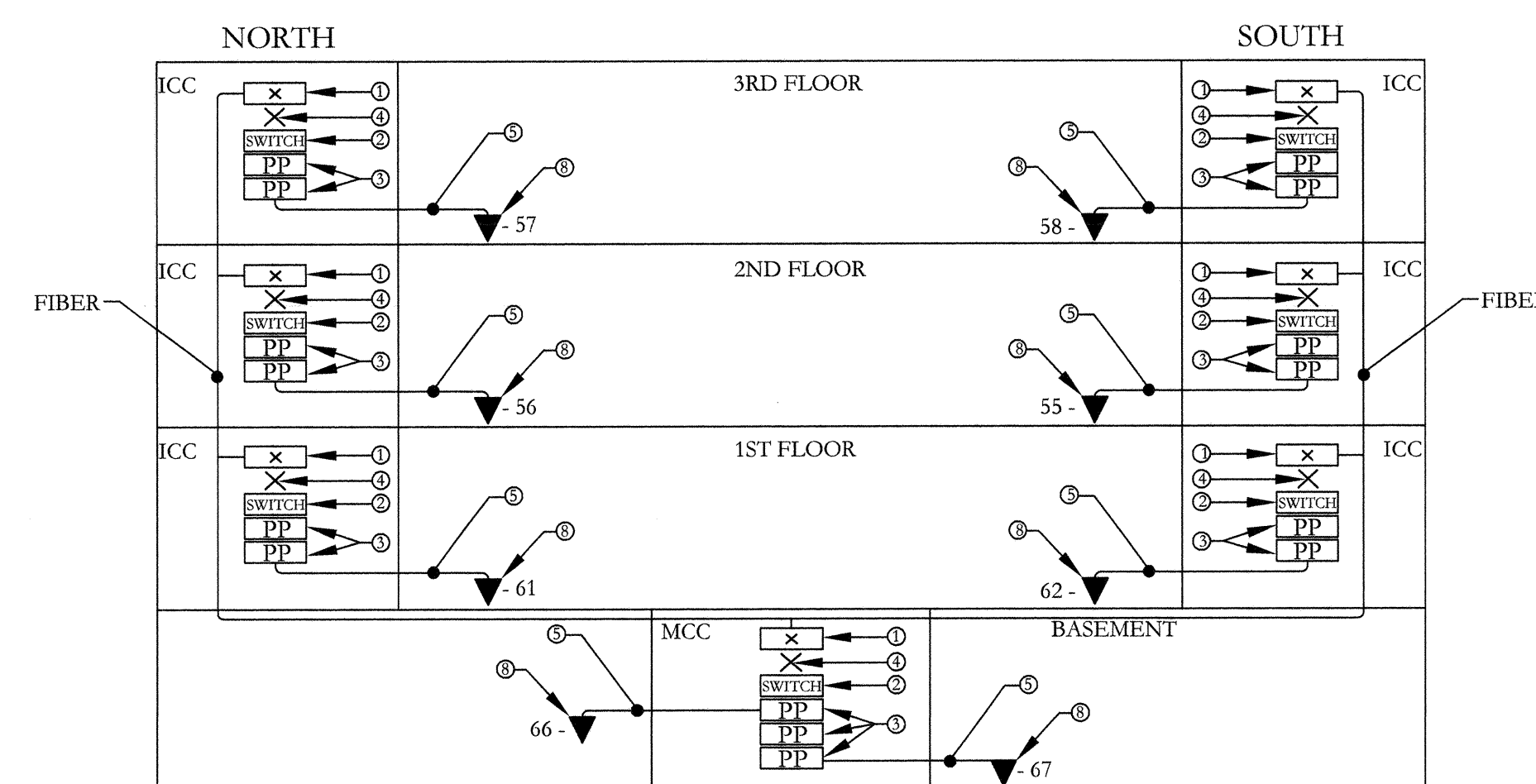
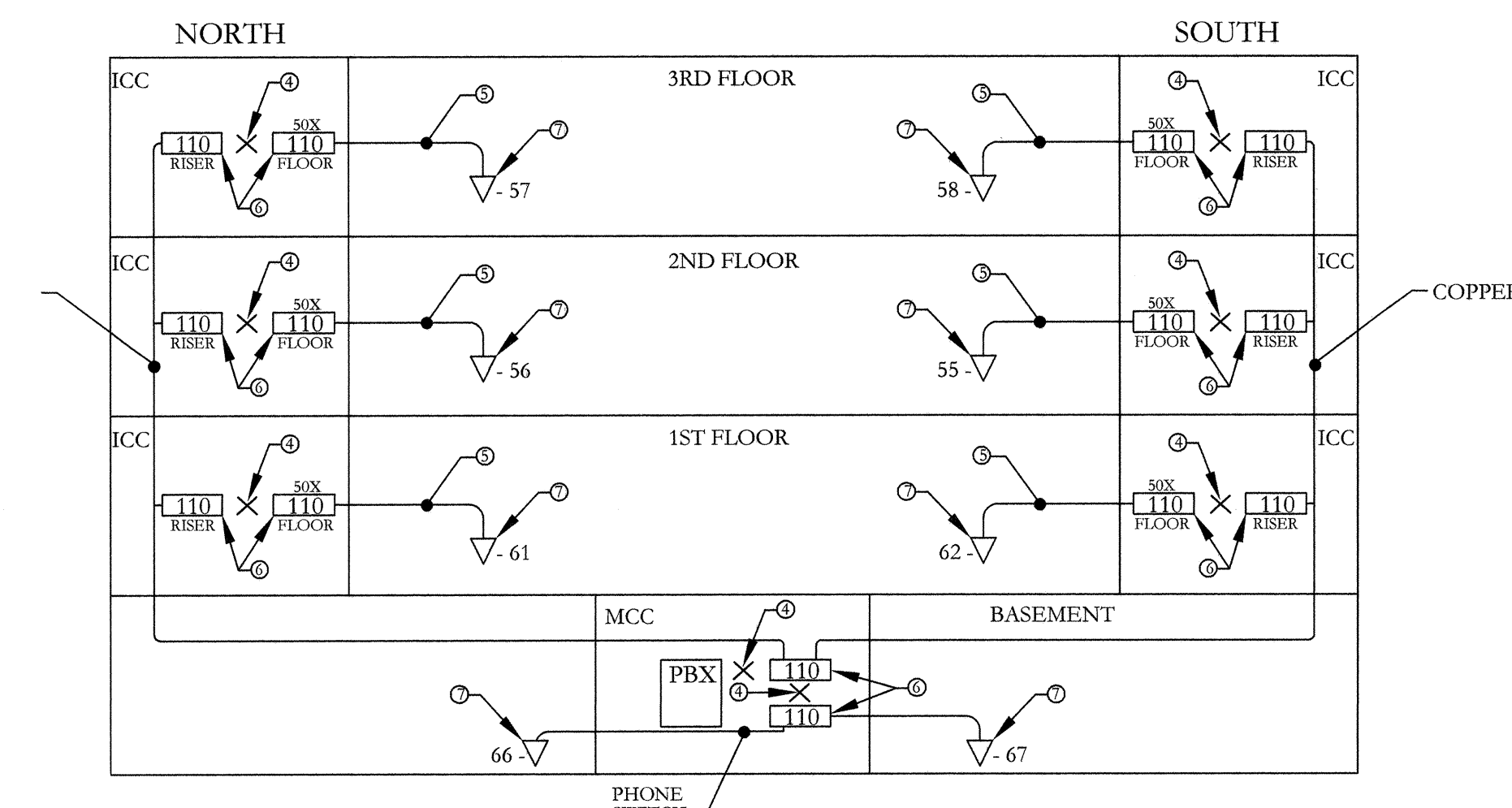
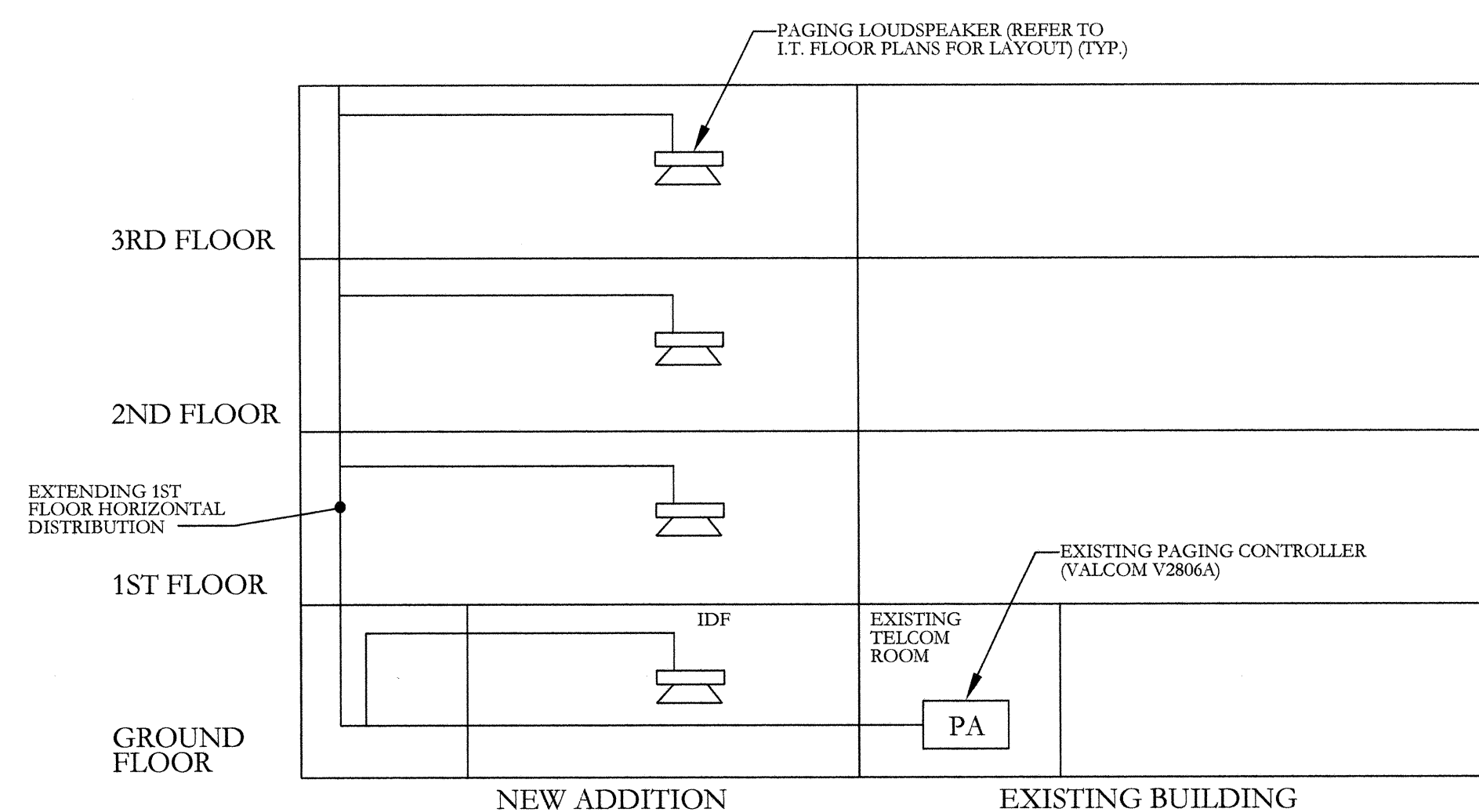
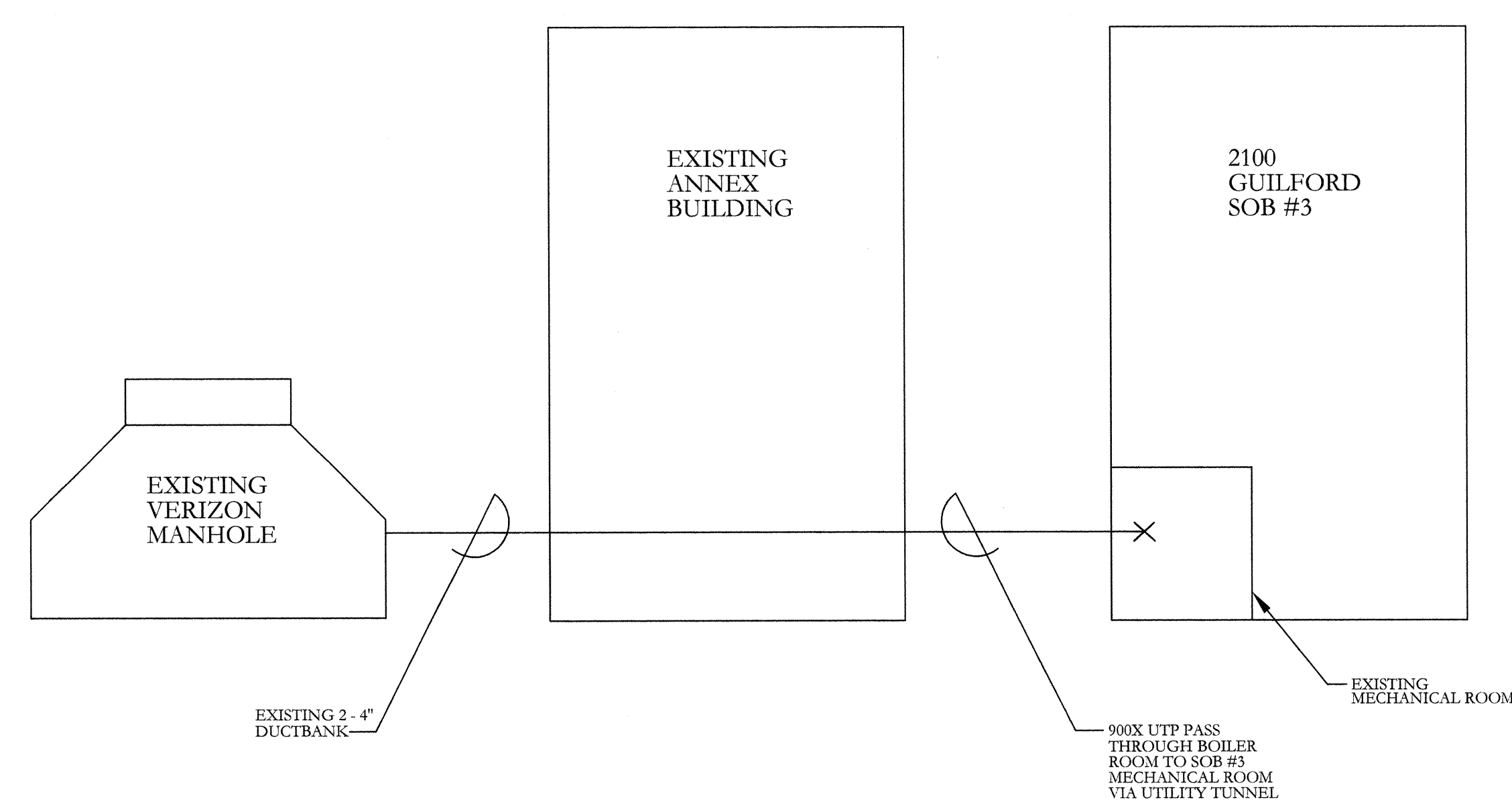
SHEET 80 OF 91





I.T. OUTLET LAYOUT DETAIL LEGEND	
D	= DATA JACK
V	= VOICE JACK
B	= BLANK PORT COVER

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DRAWING NOTES:

- 1 FIBER TERMINATION PANEL
- 2 DATA SWITCH (BY OTHERS)
- 3 CAT6 48-PORT PATCH PANEL
- 4 CROSS CONNECT (TYP.)
- 5 HORIZONTAL CABLE DISTRIBUTION (TYP.)
- 6 110 VOICE TERMINATION BLOCK, WALL MOUNTED.
- 7 VOICE OUTLET (TYP.)
- 8 DATA OUTLET (TYP.)

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Maryland 21201

CONSULTANT



INFORMATION TECHNOLOGY CONSUMPTION

3735 PARKFIELD ROAD
PINESVILLE, MD 21208

PHONE: 410-580-1840
FAX: 410-655-0658

WEB SITE: www.ussinet.com

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CAD DWG FILE: 03183

DRAWN BY: DLJ

CHECKED BY: HH4

PROJECT NO:BB-621-00:

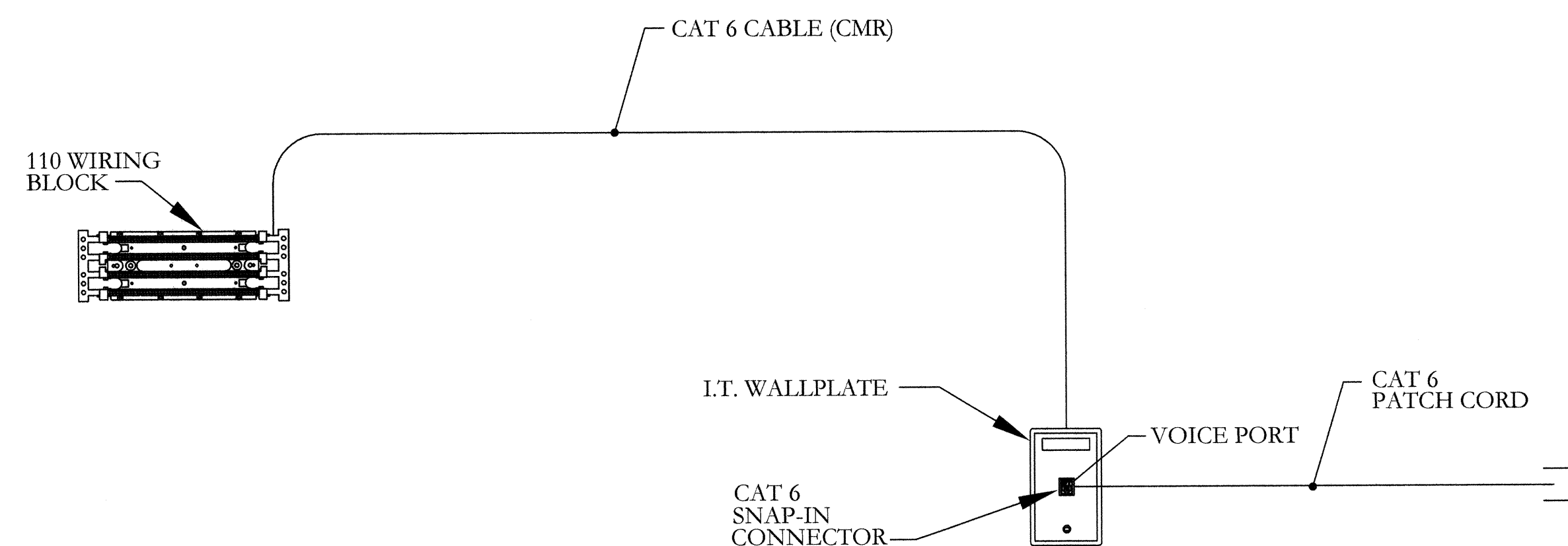
DATE: 3/03/06

I.T.PATHWA
DETAILS

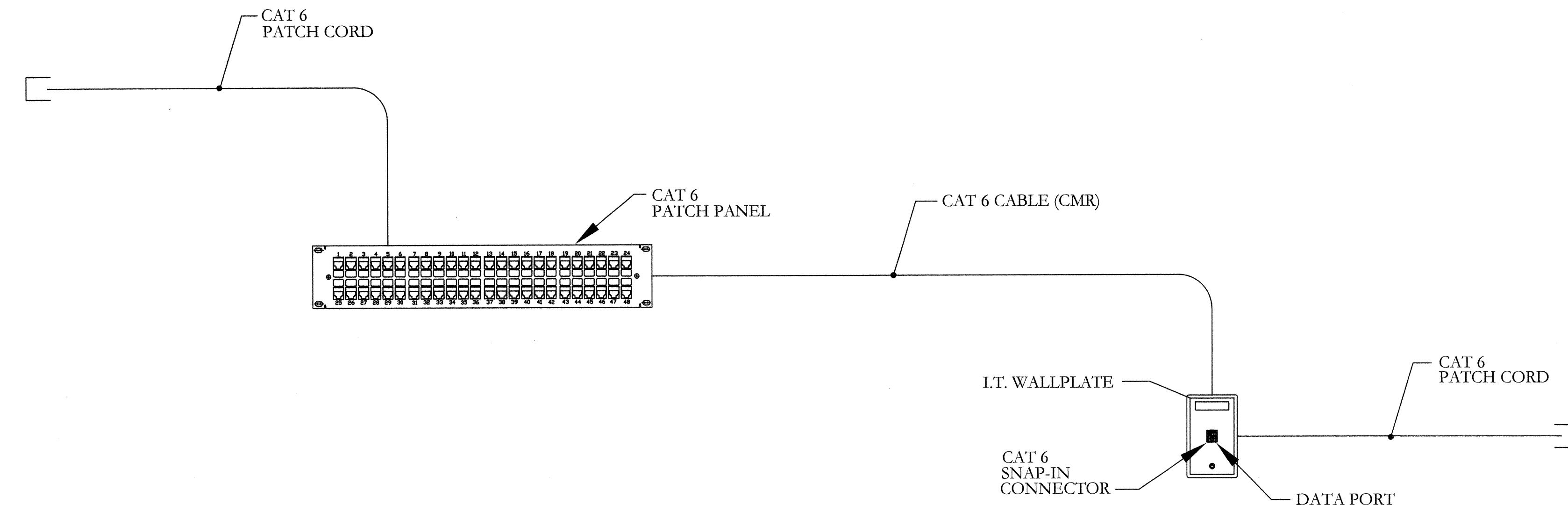
DETAILS

IT1 2

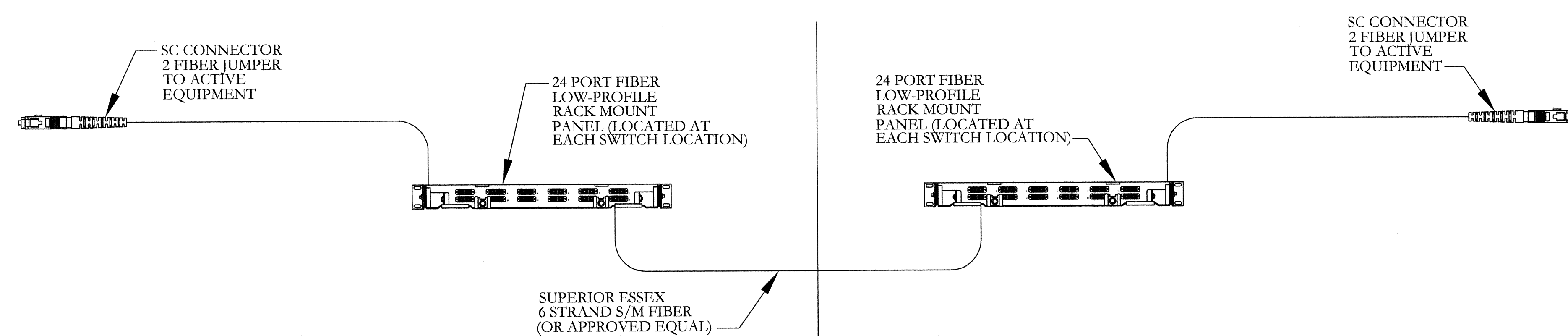
111.2
QUESTIONS 12 25 29



1 VOICE SOLUTION CHANNEL ONE-LINE DIAGRAM
IT1.3 SCALE: NONE



2 DATA SOLUTION CHANNEL ONE-LINE DIAGRAM
IT1.3 SCALE: NONE



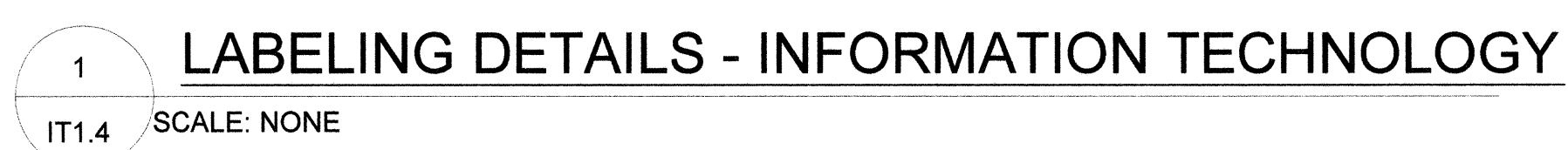
EXISTING BUILDING

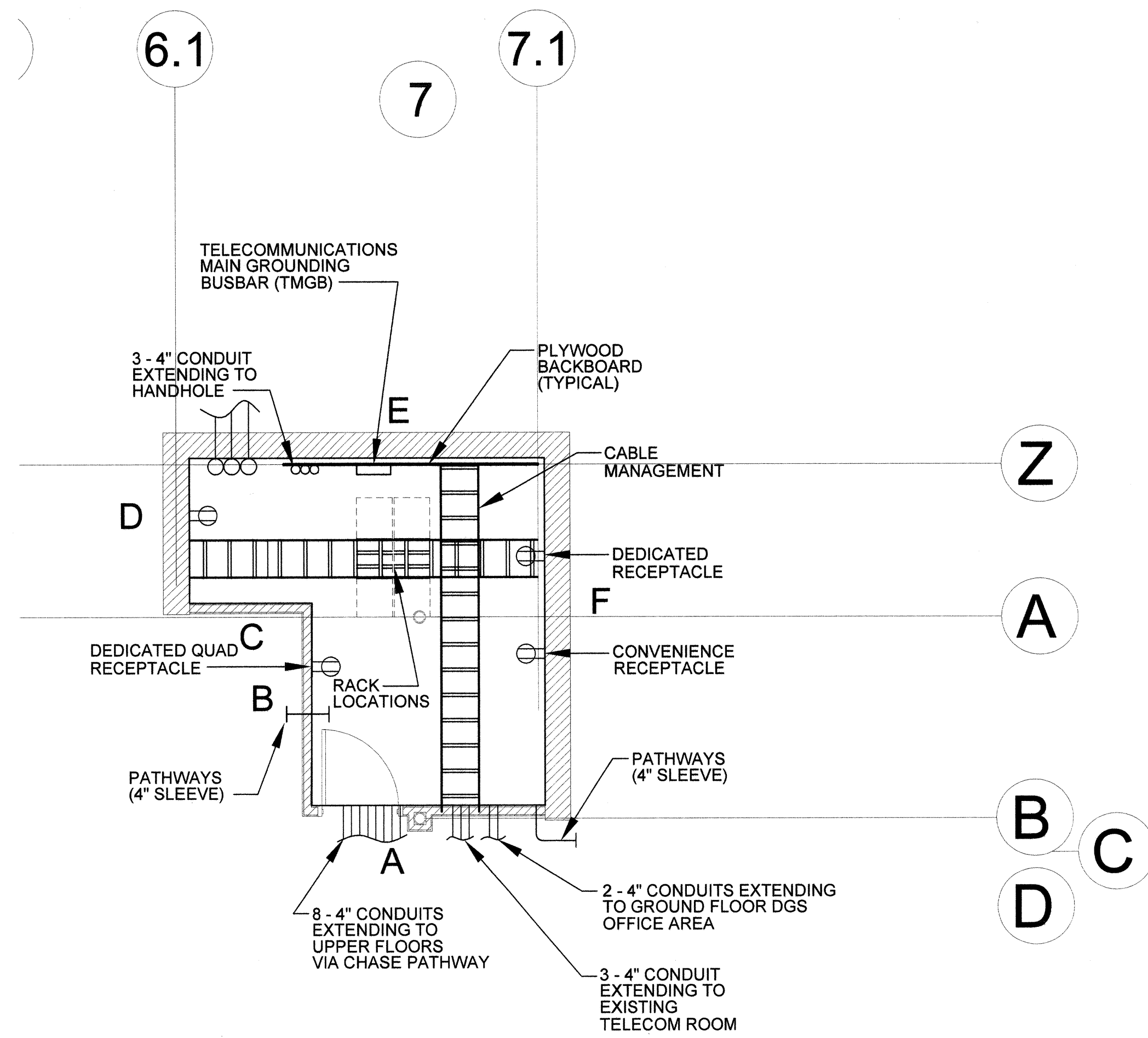
NEW BUILDING

3 FIBER SOLUTION CHANNEL ONE-LINE DIAGRAM
IT1.3 SCALE: NONE

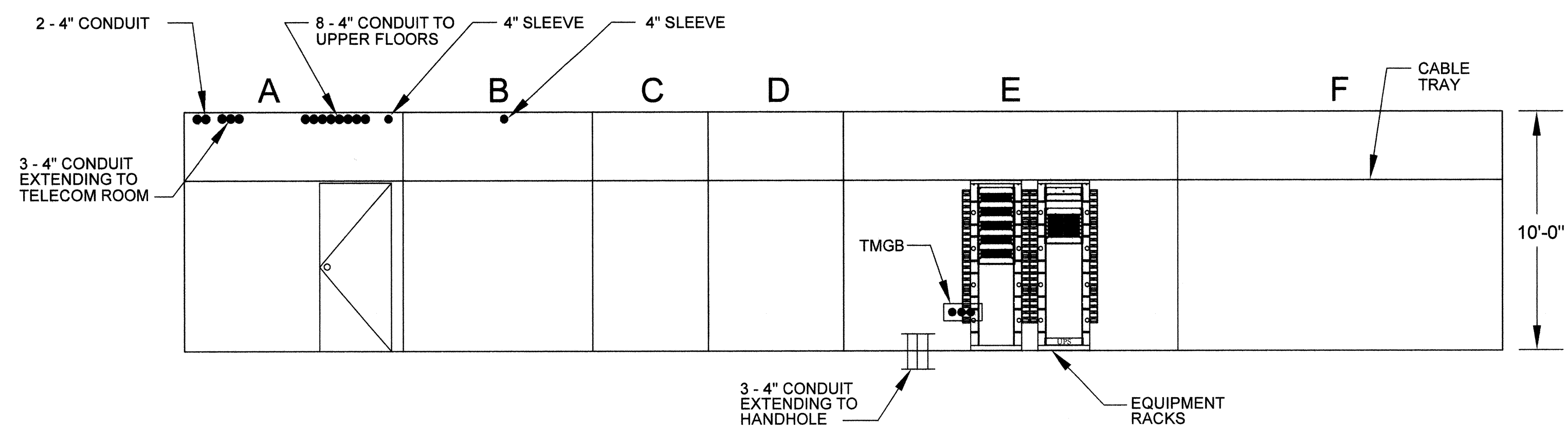
NO.	DATE	DESCRIPTION

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PROJECT NO:	BB-621-003-001
DATE:	3/03/06

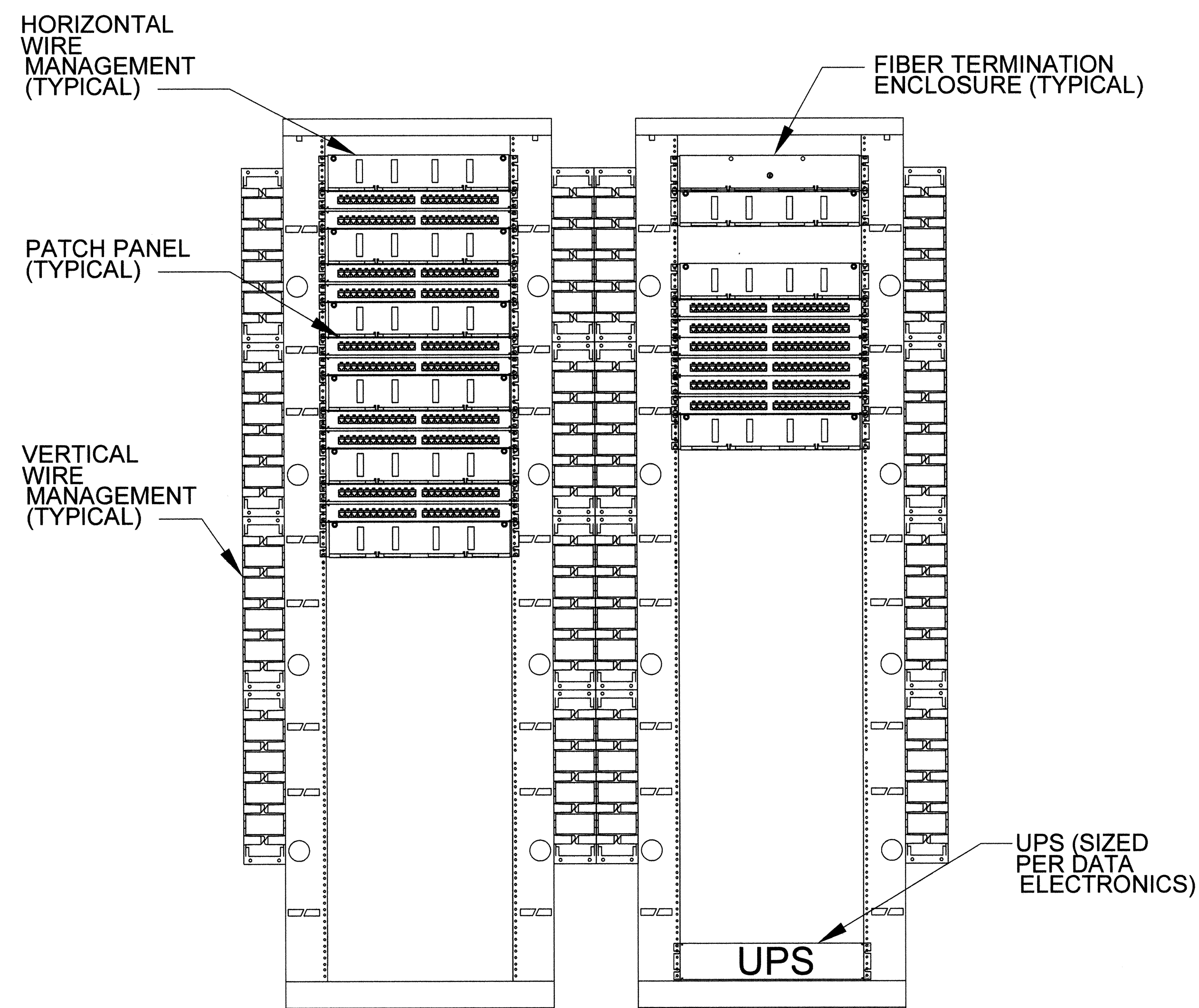




1 ICC ROOM LAYOUT DETAIL
IT1.5 SCALE: 1/4" = 1'-0"



2 ICC ROOM ELEVATION
IT1.5 SCALE: 1/4" = 1'-0"



3 ICC RACK ELEVATION
IT1.5 SCALE: NONE

Murphy & Patten
ARCHITECTS
300 North Chase Street, Suite 100, Baltimore, Maryland 21201
410-528-1200 Fax: 410-528-1201

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INFORMATION TECHNOLOGY CONSULTANTS
3715 PARKVIEW ROAD
PIMMITT, MD 21068
PHONE: 410-586-1840
FAX: 410-555-0859
WEB SITE: www.usinet.com

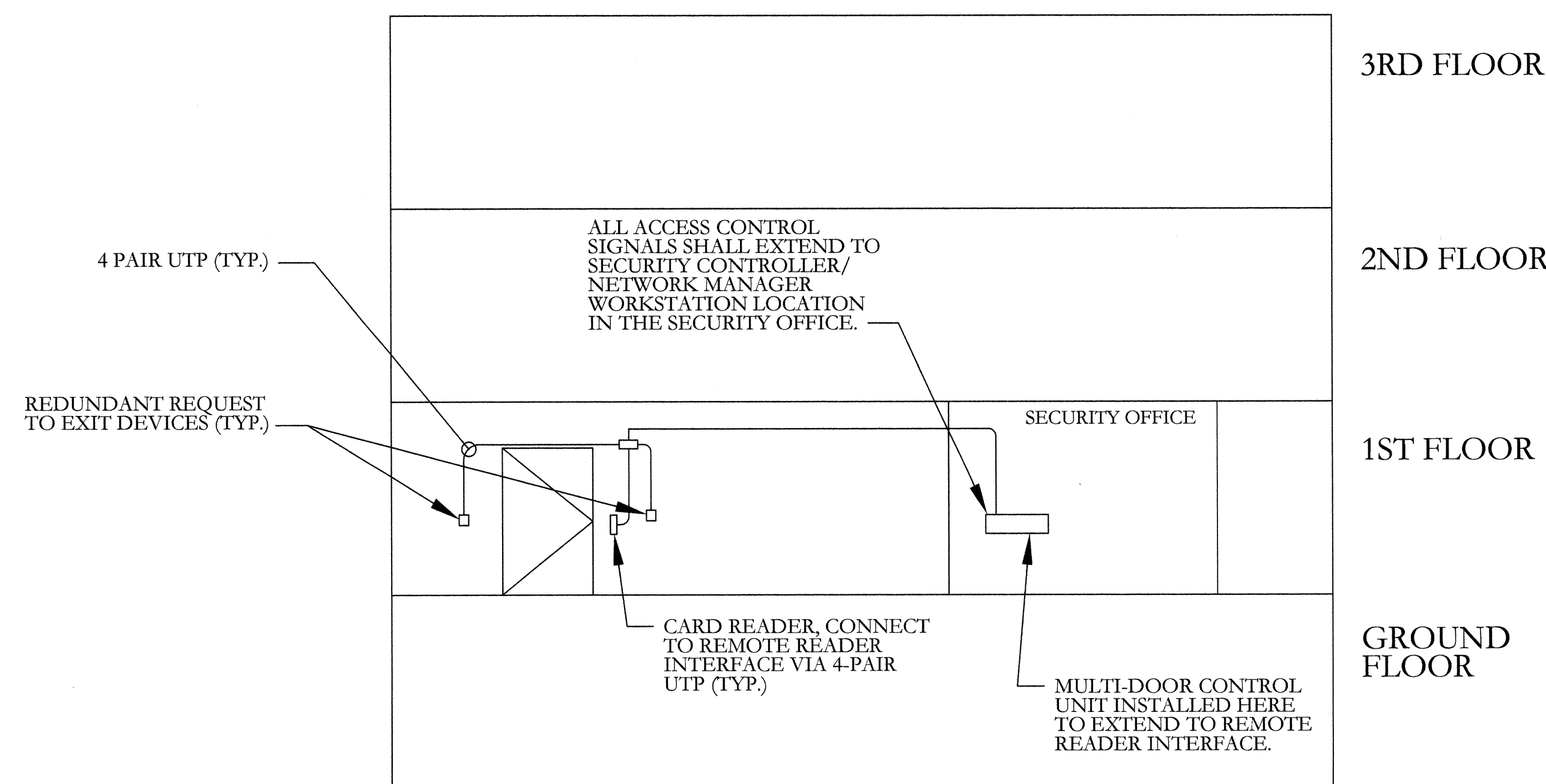
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NO.	DATE	DESCRIPTION

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DATE: 3/03/06

I.T. LAYOUT
DETAILS

IT1.5
SHEET 25 OF 21

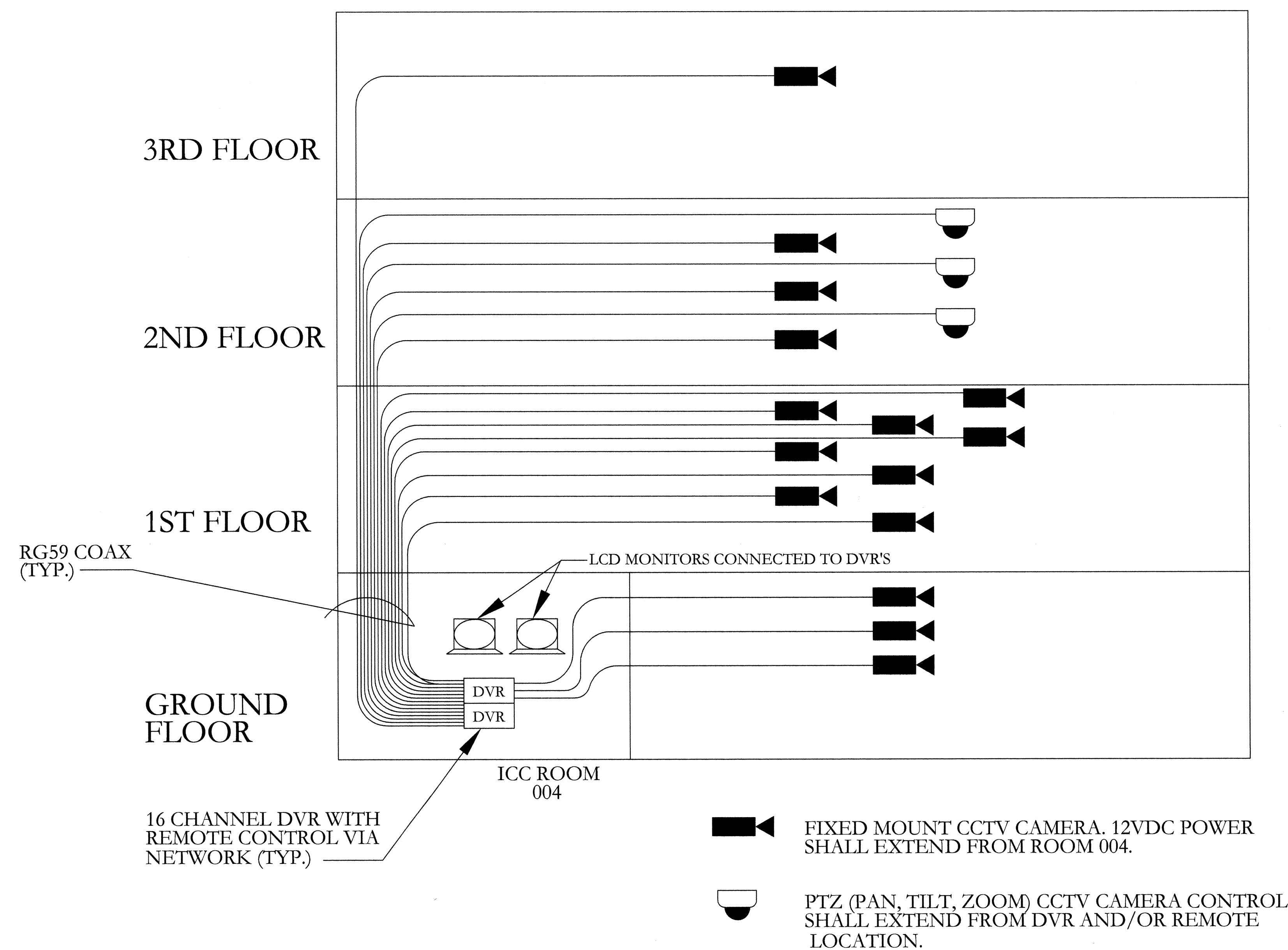


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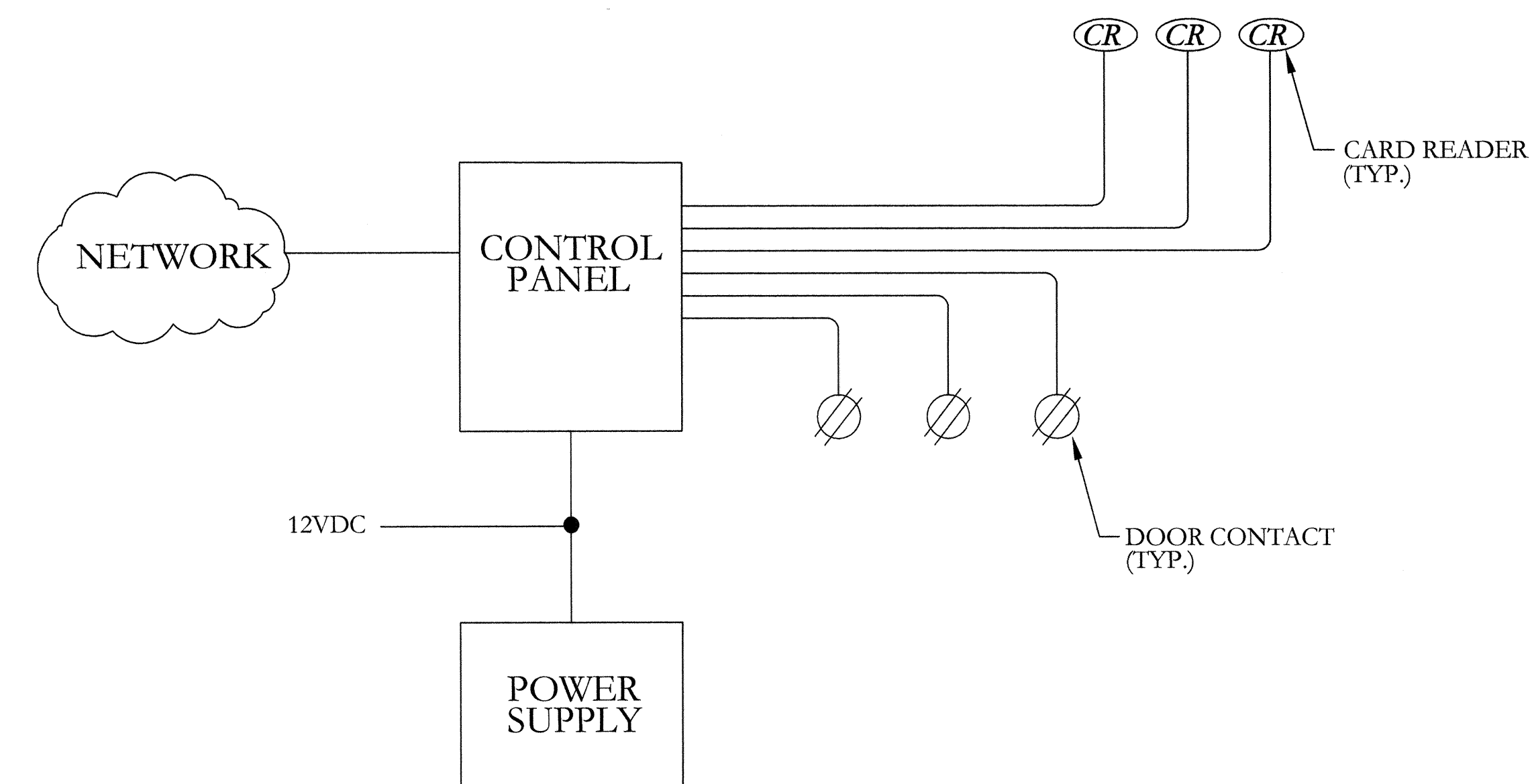
- A. ACCESS CONTROLLER SHALL EXTEND SIGNAL TO DOOR HARDWARE TO ACTIVATE DOOR STRIKES. COORDINATE WITH HARDWARE CONTRACTOR PRIOR TO INSTALLATION.
- B. THE SECURITY CONTRACTOR SHALL EXTEND SIGNAL CONNECTIVITY BETWEEN BUILDINGS VIA NETWORK (UTP, FIBER OR IP-BASED).

1 ACCESS SYSTEM DETAIL DIAGRAM
IT1.6 SCALE: NONE

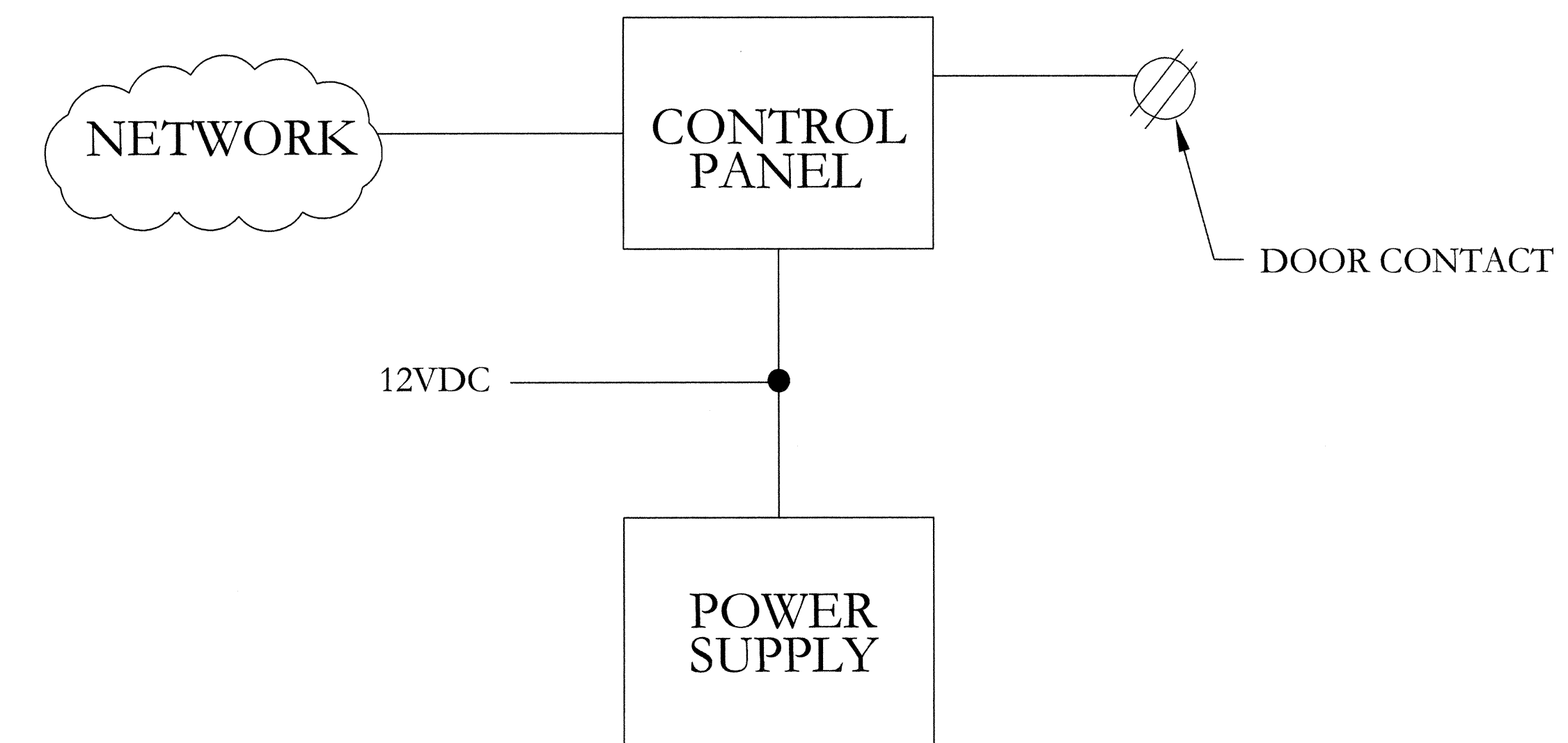
NOTE: DVR'S SHALL HAVE 60 DAYS RECORDING CAPABILITTITES.



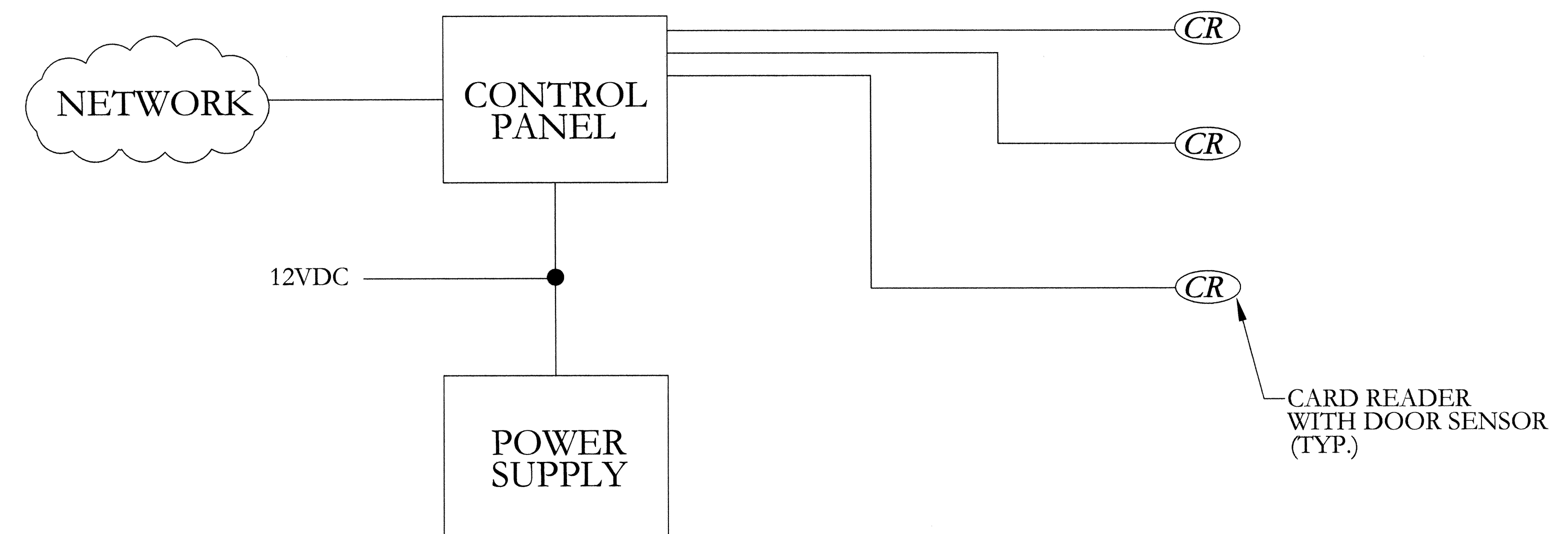
2 CCTV ONE-LINE DIAGRAM
IT1.6 SCALE: NONE



3 ACCESS CONTROL- ONE-LINE DIAGRAM 2100 GUILFORD-1ST LEVEL
IT1.6 SCALE: NONE



4 ACCESS CONTROL- ONE-LINE DIAGRAM-2100 GUILFORD-2ND LEVEL
IT1.6 SCALE: NONE



5 ACCESS CONTROL- ONE-LINE DIAGRAM-2100 GUILFORD-3RD LEVEL
IT1.6 SCALE: NONE

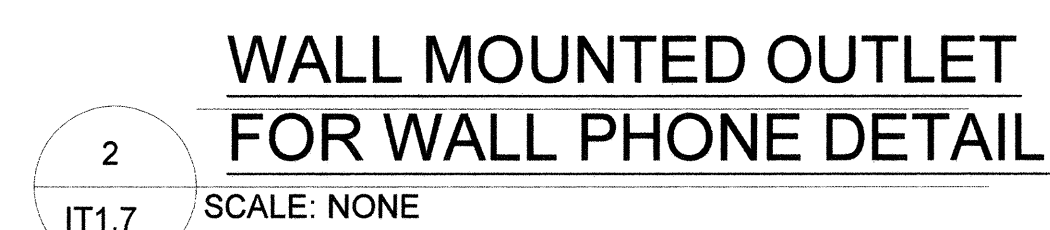
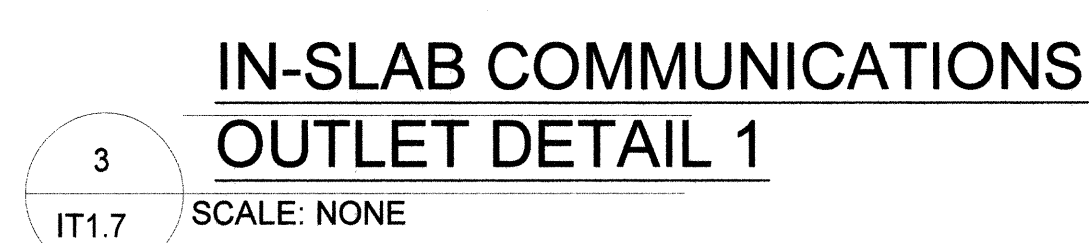
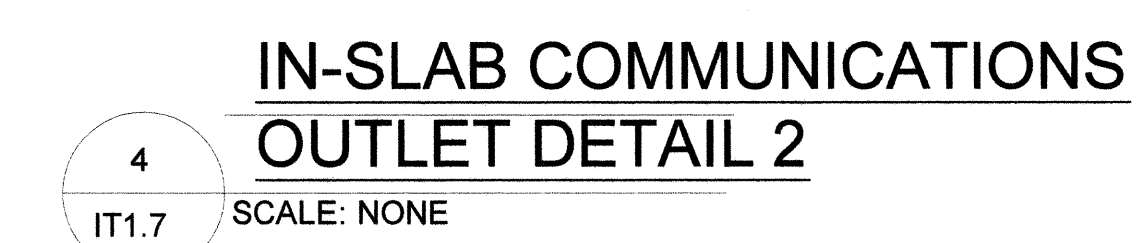
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ARCHITECTS
228 West Madison Street, Suite 100, Baltimore, MD 21201
PH: 410-555-0658 FAX: 410-555-0658
WWW.MURPHY-ARCHITECTS.COM

CONSULTANT
USNet
INFORMATION TECHNOLOGY CONSULTANTS
2705 PARKFIELD ROAD
PRESHVILLE, MD 21150
PHONE: 410-580-1840
FAX: 410-555-0658
WEB SITE: www.usnet.net

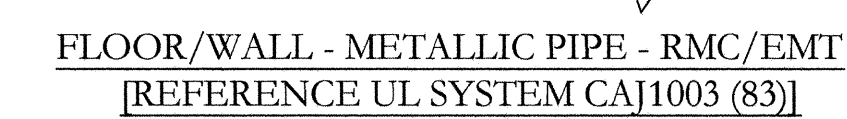
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NO.	DESCRIPTION	DATE	MARK

CAD DWG FILE: 03183
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PROJECT NO: BB-621-003-001
DATE: 3/03/06
ACCESS CONTROL & CCTV SYSTEM
IT1.6
SHEET 26 OF 31

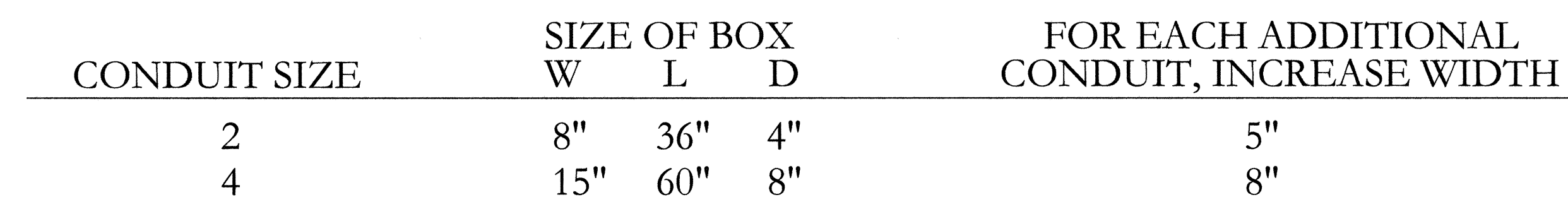


1. FLOOR OR WALL ASSEMBLY - MINIMUM 4" (1") THICK LIGHTWEIGHT OR NORMAL WEIGHT CONCRETE. WALL MAY ALSO BE CONSTRUCTED OF CONCRETE BLOCK.
2. METALLIC SLEEVE - NOMINAL 6" DIAMETER STEEL SLEEVE CAST OR GROUTED INTO FLOOR OR WALL AND EXTENDING NOMINAL 2" BEYOND EACH SURFACE.
3. CABLES - THE FOLLOWING TYPES AND SIZES OF COMMUNICATIONS CABLE MAY BE USED:
 - A. 34% FILL MAX 72 PAIR PVC JACKETED AND INSULATED FIBER OPTIC CABLES
 - B. 34% FILL MAX 600 PAIR PVC JACKETED AND INSULATED CABLES
 - C. IF FIBER OPTIC CABLES ARE USED, RATING IS 1 HOUR. IF TELEPHONE CABLE IS USED, RATING IS 3/4 HOUR.
4. FORMING MATERIAL - MINIMUM 5/4" THICKNESS OF 4 PCP MINERAL WOOL BATT INSULATION OR EQUIVALENT INSULATED SLEEVE TO FILL ANCHOR SPACE AROUND AND BETWEEN CABLES, AND RECESSED 3/4" FROM TOP OF FLOOR OR WALL ON BOTH ENDS OF THE WALL BATT TO A NOMINAL DEPTH OF 3/4".
5. NELSON TYPE ISF FIRESTOP PUTTY - FIRMLY PACKED INTO OPENING AT TOP OF FLOOR SLEEVE OR INTO SLEEVE END OF WALL SLEEVE TO A NOMINAL DEPTH OF 3/4".



1. FLOOR OR WALL ASSEMBLY - MINIMUM 4 1/2" THICK LIGHTWEIGHT OR NORMAL WEIGHT CONCRETE, OR MINIMUM 8" THICK CONCRETE BLOCK, MAXIMUM THROUGH-OPENING SIZE, 8" DIAMETER
2. PENETRATING ITEM:
- METALLIC PIPE - NOMINAL 6" DIAMETER (OR SMALLER) SCHEDULE 40 (OR HEAVIER STEEL OR CAST IRON PIPE)
- CONDUIT (STEEL) - NOMINAL 6" DIAMETER (OR SMALLER) RIGID (OR METALLIC CONDUIT) OR NOMINAL 4" DIAMETER (OR SMALLER) EMT (ELECTRICAL METALLIC TUBING)
3. CERAMIC FIBER OR MINERAL WOOL - 6 PCF DENSITY THICKLY PACKED INTO OPENING TO FILL ALL Voids BETWEEN PIPE OR CONDUIT. PACKED TO A THICKNESS REQUIRED TO FILL BETWEEN PUTTY LAYERS.
4. NELSON FSP PUTTY - MINIMUM 1/2" THICK LAYER OF FSP PUTTY APPLIED OVER EACH SURFACE OF THE CERAMIC FIBER OR MINERAL WOOL TO FILL THE ANNULAR SPACE BETWEEN THE PIPE

6 FIRESTOP DETAILS
IT1 7 SCALE: NONE



7 **PULLBOX DETAILS**

Murphy & Dittenhafer
A R C H I T E C T S

200 West Maple Street, N.W., Denver, Colorado 80202
717-624-0077 Telex 717-624-2888 F M

1000 South Duane Street, Dallas, Texas 75201
409-525-4023 Telex 409-525-4023 F M

CONSULTANT

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INFORMATION TECHNOLOGY CONSULTANTS

3735 PARKFIELD ROAD
PIKESVILLE, MD 21206

PHONE: 410-580-1840
FAX: 410-655-0658

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CHECKED BY:	HH4
PROJECT NO:	BB-621-003-001
DATE:	3/03/06

I.T. DETAILS

IT1.7

DRAWING NOTES:

- 1 ICC ROOM. REFER TO SHEET IT1.5 FOR LAYOUT DETAILS.
- 2 3/4" CONDUIT EXTENDING UNDERGROUND TO NEW HANDHOLE 5'-0" WEST OF BUILDING FOOTPRINT. REFER TO CIVIL FOR CONTINUATION.
- 3 1-2" SLEEVE SERVING MECHANICAL ROOM'S HORIZONTAL DISTRIBUTION.
- 4 1-2" SLEEVE SERVING ELECTRICAL ROOM'S HORIZONTAL DISTRIBUTION.
- 5 2-4" CONDUIT EXTENDING FROM ICC ROOM TO DGS SPACE.
- 6 8-4" CONDUIT EXTENDING TO UPPER FLOORS. REFER TO PATHWAY DIAGRAMS ON SHEET IT1.2.
- 7 3 - 4" CONDUIT EXTENDING FROM ICC ROOM TO THE EXISTING TELECOM ROOM (MCC).
- 8 PULLBOX, 31"W X 60"L X 8"D.

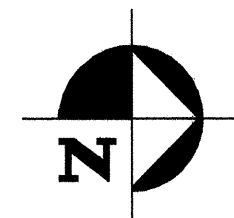
- 9 EXISTING TELECOM ROOM. CONTRACTOR SHALL VERIFY EQUIPMENT LAYOUT PRIOR TO RENOVATION AND TERMINATION OF CABLING AND EQUIPMENT INSTALLATION.
- 10 PAGING LOUDSPEAKER. SIGNAL SHALL EXTEND FROM PAGING CONTROLLER IN TELCOM ROOM IN EXISTING BUILDING. (TYPICAL)
- 11 VOICE TERMINATION FIELD SPACE FOR TEMPORARY CROSS CONNECTION DURING CONSTRUCTION PHASES. CONTRACTOR SHALL PROVIDE PERMANENT TERMINATION FIELD WHEN TELECOM ROOM IS REMODELED IN FUTURE CONSTRUCTION PHASE.
- 12 FIXED CEILING MOUNTED CCTV CAMERA. SIGNALS SHALL EXTEND TO DVR LOCATION IN MDF ROOM 004. ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL J-BOX AND 1" CONDUIT THAT SHALL STUB UP TO CEILING SPACE OR EXTEND TO ROOM 004 IF CEILING SPACE IS INACCESSIBLE. COORDINATE EXACT LOCATION WITH ARCHITECT PRIOR TO ROUGH-IN.

GENERAL NOTES:

- 1) CONTRACTOR SHALL VERIFY EXACT LOCATION FOR VOICE AND DATA OUTLETS WITH THE ARCHITECT.
- 2) CONTRACTOR SHALL INSTALL J-HOOKS WITH A MAXIMUM OF 4'-0" SPACING ON CENTER.
- 3) THE CONTRACTOR SHALL INSTALL, TERMINATE AND TEST NEW CAT6 CABLING TO ALL DESIGNATED OUTLETS.
- 4) CONTRACTOR SHALL EXTEND PHONE SERVICE TO ALL ELEVATOR PHONE LOCATIONS. TERMINATION REQUIREMENTS SHALL BE COORDINATED WITH ELEVATOR EQUIPMENT INSTALLER. PHONE SHALL BE MODEL RR733M.
- 5) CONTRACTOR SHALL PROVIDE 1" EMT CONDUIT FROM VOICE/DATA ON WALL TO CEILING SPACE ABOVE TO THE CORRIDOR.
- 6) THE CONTRACTOR SHALL VERIFY FINAL EQUIPMENT LOCATIONS WITH ARCHITECT PRIOR TO INSTALLATION.
- 7) THE ELECTRICAL CONTRACTOR SHALL AVOID MORE THAN TWO 90 DEGREE BENDS OR EQUIVALENT IN ALL CONDUIT RUNS. APPROPRIATELY SIZED PULLBOXES SHALL BE PLACED IN CONDUIT RUNS WHERE THE LENGTH IS OVER 100 FEET OR MORE THAN TWO 90 DEGREE BENDS, OR EQUIVALENT OR IF THERE IS A REVERSE "U" - SHAPED BEND IN THE RUN.
- 8) ALL CONDUIT RUNS SHALL HAVE PULL STRINGS FOR FUTURE LABEL PULLS. SO THE CABLING CONTRACTOR MUST REPLACE PULL STRINGS AT CONCLUSION OF EACH CABLE PULL.
- 9) ALL CONDUIT AND GROUNDING SYSTEMS SHALL BE PROVIDED AND INSTALLED BY THE ELECTRICAL CONTRACTOR. CONDUIT PATHWAYS ARE NOTED AND SHOWN ON IT PLANS. REFER TO ELECTRICAL ENGINEER PLANS AND SPECIFICATIONS FOR REQUIRED ADDITIONAL INFORMATION.
- 10) WHERE HARD CEILING EXIST, THE ELECTRICAL CONTRACTOR SHALL EXTEND OUTLET CONDUITS TO NEAREST CEILING ACCESS PANEL OR DROP CORRIDOR CEILING.



1 GROUND FLOOR PLAN - INFORMATION TECHNOLOGY
IT2.0 SCALE: 1/8" = 1'-0"



Murphy & Patten
ARCHITECTS
800 West Chesapeake Street, Baltimore, Maryland 21201
410-526-2200 Fax: 410-526-2201

CONSULTANT

usai
INFORMATION TECHNOLOGY CONSULTANTS
2705 PARKVIEW ROAD
FARMERSVILLE, MD 21048
PHONE: 410-580-1840
FAX: 410-555-0658
WEB SITE: www.usainet.com

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2100 GUILFORD AVENUE, BALTIMORE, MD 21218
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NO.	DATE	DESCRIPTION

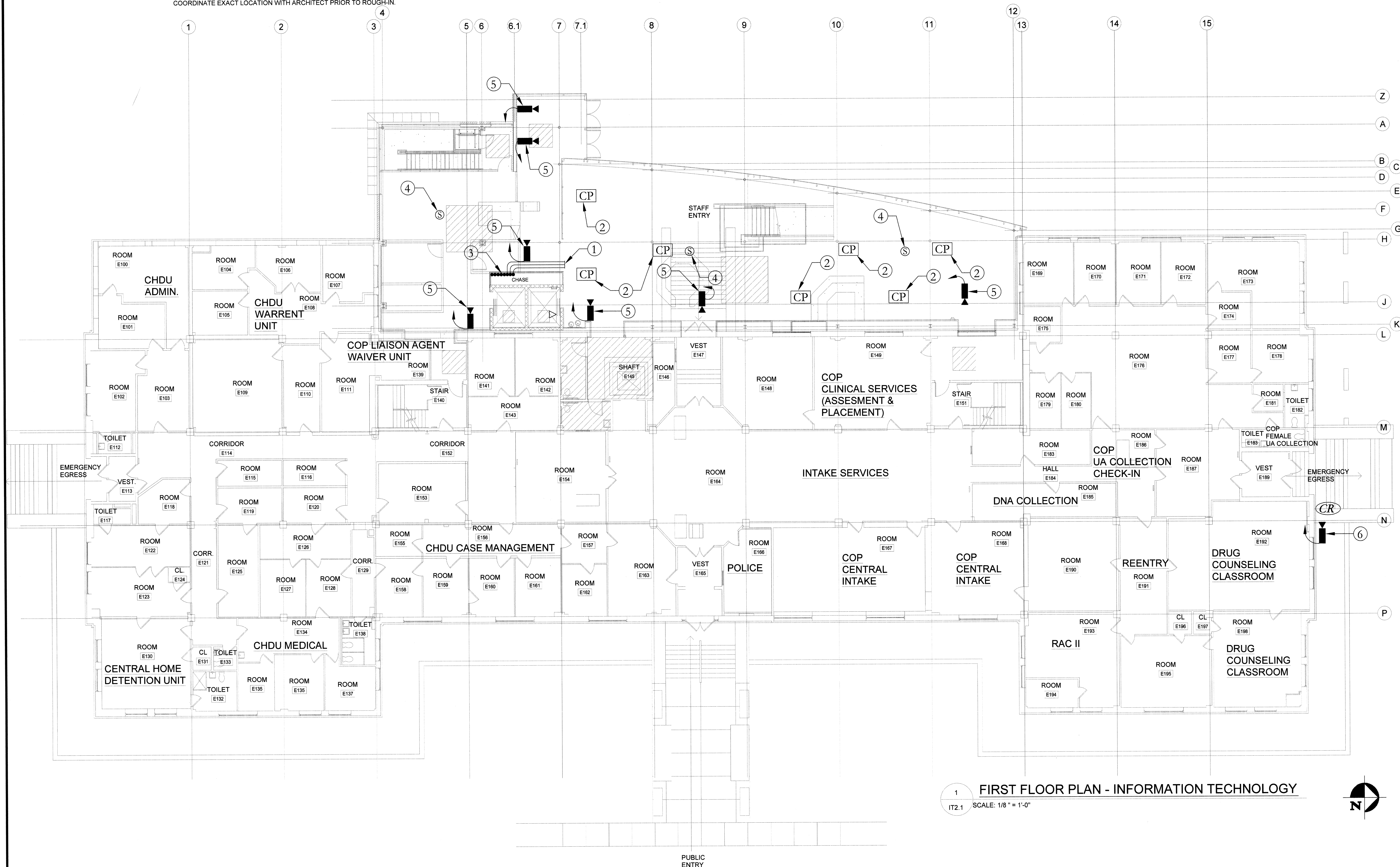
CAD DWG FILE: 03183
DRAWN BY: DLJ
CHECKED BY: HH4
PROJECT NO: BB-821-003-001
DATE: 3/03/06
GROUND FLOOR
PLAN
IT2.0
SHEET 22 OF 21

DRAWING NOTES:

- 1) 3 - 4" CONDUITS EXTENDING FROM ICC ROOM TO 1ST LEVEL CEILING SPACE FOR HORIZONTAL DISTRIBUTION.
- 2) VOICE AND DATA CONSOLIDATION POINT MOUNTED IN CEILING SPACE. CONTRACTOR SHALL PROVIDE AND INSTALL VOICE AND DATA CABLEING TO SERVE OUTLETS VIA POWER POLE LOCATIONS. COORDINATE POWER POLE LOCATIONS WITH ELECTRICAL CONTRACTOR PRIOR TO ROUGH-IN. EACH CONSOLIDATION POINT SHALL SERVE A MAXIMUM OF 36 VOICE OR DATA PORTS EACH.
- 3) 5 - 4" CONDUITS EXTENDING TO UPPER FLOORS.
- 4) PAGING LOUDSPEAKER. SIGNAL SHALL EXTEND FROM PAGING CONTROLLER IN TELCOM ROOM IN EXISTING BUILDING. (TYPICAL)
- 5) FIXED CEILING MOUNTED CCTV CAMERA LOCATION IN TAMPER-PROOF ENCLOSURE. SIGNALS SHALL EXTEND TO MDF ROOM 004. ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL J-BOX AND 1" CONDUIT TO EXTEND TO CEILING SPACE OR TO CHASE IF CEILING IS INACCESSIBLE. COORDINATE EXACT LOCATION WITH ARCHITECT PRIOR TO ROUGH-IN.
- 6) FIXED WALL MOUNT CCTV CAMERA LOCATION IN ENVIRONMENTAL TAMPER PROOF ENCLOSURE. 12' - 0" A.F.F. SIGNAL SHALL EXTEND TO MDF ROOM 004 VIA EXISTING TELECOM ROOM. ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL J-BOX AND 1" CONDUIT TO EXTEND TO CEILING SPACE. COORDINATE EXACT LOCATION WITH ARCHITECT PRIOR TO ROUGH-IN.

GENERAL NOTES:

- 1) CONTRACTOR SHALL VERIFY EXACT LOCATION FOR VOICE AND DATA OUTLETS WITH THE ARCHITECT.
- 2) CONTRACTOR SHALL INSTALL J-HOOKS WITH A MAXIMUM OF 4'-0" SPACING ON CENTER.
- 3) THE CONTRACTOR SHALL INSTALL, TERMINATE AND TEST NEW CAT6 CABLEING TO ALL DESIGNATED OUTLETS.
- 4) CONTRACTOR SHALL EXTEND PHONE SERVICE TO ALL ELEVATOR PHONE LOCATIONS. TERMINATION REQUIREMENTS SHALL BE COORDINATED WITH ELEVATOR EQUIPMENT INSTALLER. PHONE SHALL BE MODEL RR733M.
- 5) CONTRACTOR SHALL PROVIDE 1" EMT CONDUIT FROM VOICE/DATA ON WALL TO CEILING SPACE ABOVE TO THE CORRIDOR.
- 6) THE CONTRACTOR SHALL VERIFY FINAL EQUIPMENT LOCATIONS WITH ARCHITECT PRIOR TO INSTALLATION.
- 7) THE ELECTRICAL CONTRACTOR SHALL AVOID MORE THAN TWO 90 DEGREE BENDS OR EQUIVALENT IN ALL CONDUIT RUNS. APPROPRIATELY SIZED PULLBOXES SHALL BE PLACED IN CONDUIT RUNS WHERE THE LENGTH IS OVER 100 FEET OR MORE THAN TWO 90 DEGREE BENDS, OR EQUIVALENT OR IF THERE IS A REVERSE "U - SHAPED" BEND IN THE RUN.
- 8) ALL CONDUIT RUNS SHALL HAVE PULL STRINGS FOR FUTURE LABEL PULLS. SO THE CABLEING CONTRACTOR MUST REPLACE PULL STRINGS AT CONCLUSION OF EACH CABLE PULL.
- 9) ALL CONDUIT AND GROUNDING SYSTEMS SHALL BE PROVIDED AND INSTALLED BY THE ELECTRICAL CONTRACTOR. CONDUIT PATHWAYS ARE NOTED AND SHOWN ON IT PLANS. REFER TO ELECTRICAL ENGINEER PLANS AND SPECIFICATIONS FOR REQUIRED ADDITIONAL INFORMATION.
- 10) WHERE HARD CEILING EXIST, THE ELECTRICAL CONTRACTOR SHALL EXTEND OUTLET CONDUITS TO NEAREST CEILING ACCESS PANEL OR DROP CORRIDOR CEILING.



1 FIRST FLOOR PLAN - INFORMATION TECHNOLOGY
IT2.1 SCALE: 1/8" = 1'-0"

Murphy & Dittenhafer
ARCHITECTS
220 West Main Street, Suite 400, Pikesville, Maryland 21076
410-426-0001
410-426-0002 Fax

CONSULTANT

usai
INFORMATION TECHNOLOGY CONSULTANTS

3725 HANOVER ROAD
FARMVILLE, MD 21050
PHONE: 410-580-1840
FAX: 410-580-0658
WEB SITE: www.usainet.com

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MARYLAND DEPARTMENT OF GENERAL SERVICES

NO.	DATE	DESCRIPTION

CAD DWG FILE: 03183
DRAWN BY: DLJ
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PROJECT NO: BB-621-003-001
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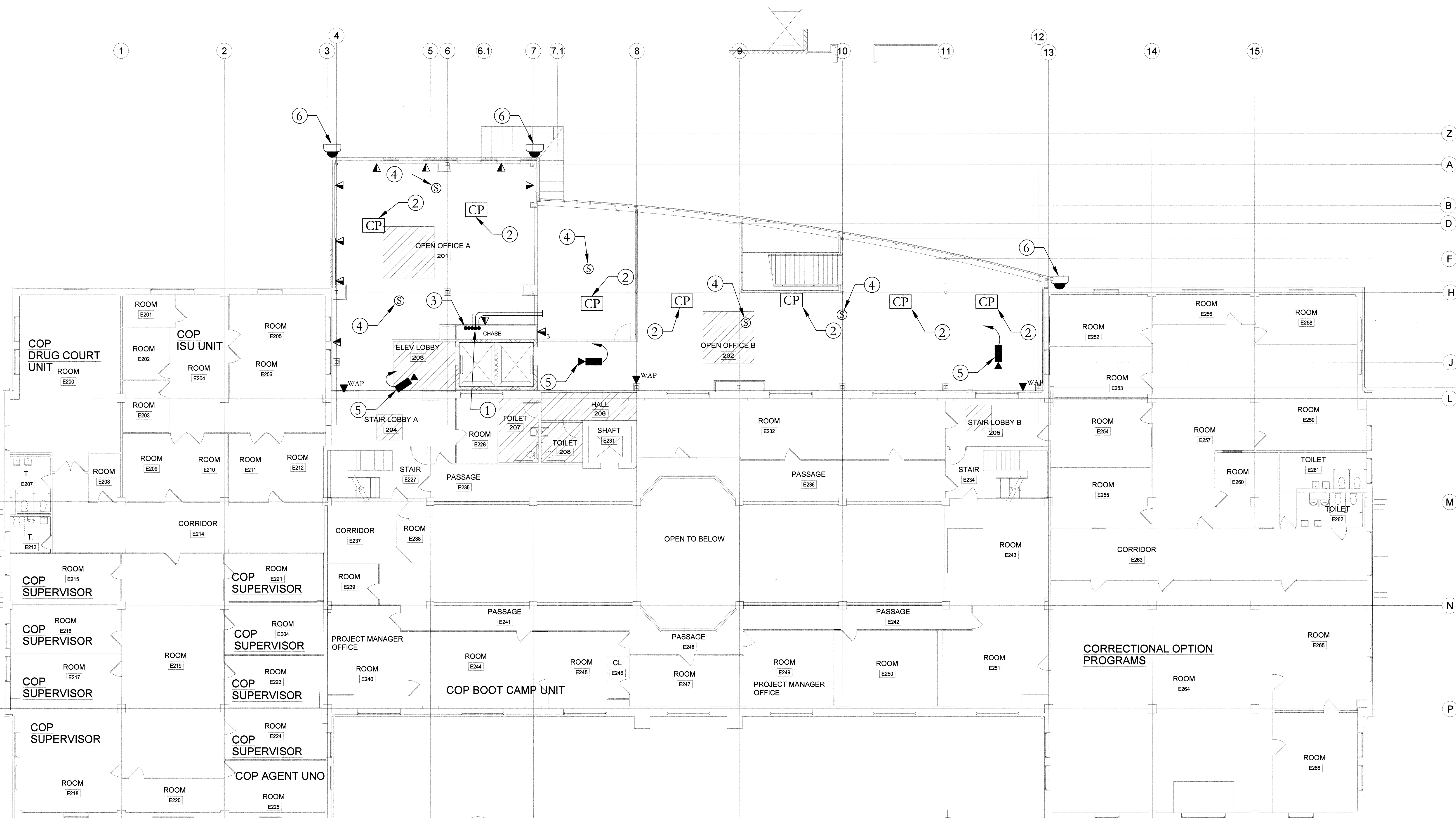
FIRST FLOOR
PLAN

IT2.1
SHEET 30 OF 91

- 1 3 - 4" CONDUITS EXTENDING FROM ICC ROOM TO 2ND LEVEL CEILING SPACE FOR HORIZONTAL DISTRIBUTION.
- 2 VOICE AND DATA CONSOLIDATION POINT MOUNTED IN CEILING SPACE. CONTRACTOR SHALL PROVIDE AND INSTALL VOICE AND DATA CABLEING TO SERVE OUTLETS VIA POWER POLE LOCATIONS. COORDINATE POWER POLE LOCATIONS WITH ELECTRICAL CONTRACTOR PRIOR TO ROUGH-IN. EACH CONSOLIDATION POINT SHALL SERVE A MAXIMUM OF 36 VOICE OR DATA PORTS EACH.
- 3 2 - 4" CONDUITS EXTENDING TO UPPER FLOORS.
- 4 PAGING LOUDSPEAKER. SIGNAL SHALL EXTEND FROM PAGING CONTROLLER IN TELCOM ROOM IN EXISTING BUILDING. (TYPICAL)
- 5 FIXED CEILING MOUNTED CCTV CAMERA LOCATION IN TAMPER-PROOF ENCLOSURE. SIGNALS SHALL EXTEND TO MDF ROOM 004. ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL J-BOX AND 1" CONDUIT TO EXTEND TO CEILING SPACE OR TO CHASE IF CEILING IS INACCESSIBLE. COORDINATE EXACT LOCATION WITH ARCHITECT PRIOR TO ROUGH-IN.
- 6 WALL MOUNTED PTZ CCTV CAMERA LOCATION, 20" - 0" ABOVE FINISHED GRADE. SIGNALS SHALL EXTEND TO CTV EQUIPMENT IN ROOM 004. ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL J-BOX AND 1" CONDUIT EXTENDING TO INTERIOR CEILING SPACE. COORDINATE EXACT LOCATION WITH ARCHITECT PRIOR TO ROUGH-IN.

- 1) CONTRACTOR SHALL VERIFY EXACT LOCATION FOR VOICE AND DATA OUTLETS WITH THE ARCHITECT.
- 2) CONTRACTOR SHALL INSTALL J-HOOKS WITH A MAXIMUM OF 4'-0" SPACING ON CENTER.
- 3) THE CONTRACTOR SHALL INSTALL, TERMINATE AND TEST NEW CAT6 CABLING TO ALL DESIGNATED OUTLETS.
- 4) CONTRACTOR SHALL EXTEND PHONE SERVICE TO ALL ELEVATOR PHONE LOCATIONS. TERMINATION REQUIREMENTS SHALL BE COORDINATED WITH ELEVATOR EQUIPMENT INSTALLER. PHONE SHALL BE MODEL RR733M.
- 5) CONTRACTOR SHALL PROVIDE 1" EMT CONDUIT FROM VOICE/DATA ON WALL TO CEILING SPACE ABOVE TO THE CORRIDOR.
- 6) THE CONTRACTOR SHALL VERIFY FINAL EQUIPMENT LOCATIONS WITH ARCHITECT PRIOR TO INSTALLATION.

- 7) THE ELECTRICAL CONTRACTOR SHALL AVOID MORE THAN TWO 90 DEGREE BENDS OR EQUIVALENT IN ALL CONDUIT RUNS. APPROPRIATELY SIZED PULLBOXES SHALL BE PLACED IN CONDUIT RUNS WHERE THE LENGTH IS OVER 100 FEET OR MORE THAN TWO 90 DEGREE BENDS, OR EQUIVALENT OR IF THERE IS A REVERSE "U - SHAPED" BEND IN THE RUN.
- 8) ALL CONDUIT RUNS SHALL HAVE PULL STRINGS FOR FUTURE LABEL PULLS. SO THE CABLING CONTRACTOR MUST REPLACE PULL STRINGS AT CONCLUSION OF EACH CABLE PULL.
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- 10) WHERE HARD CEILING EXIST, THE ELECTRICAL CONTRACTOR SHALL EXTEND OUTLET CONDUITS TO NEAREST CEILING ACCESS PANEL OR DROP CORRIDOR CEILING.



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



A R C H I T E C T S
Murphy & Dittenhafer

CONSULTANT

USSI
INFORMATION TECHNOLOGY CONSULTANTS

3735 PARKFIELD ROAD
PARKESVILLE, MD 21206

PHONE: 410-580-1840
FAX: 410-655-0658

WEB SITE: www.ussinet.com

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2100 GUILFORD AVENUE, BALTIMORE, MD 21218
MARYLAND DEPARTMENT OF GENERAL SERVICES

CAD DWG FILE: 03183

DRAWN BY: DLJ

CHECKED BY: HH4

PROJECT NO:BB-621-00

DATE: 3/03/0

SECOND FLOOR

PLAN

IT2 2

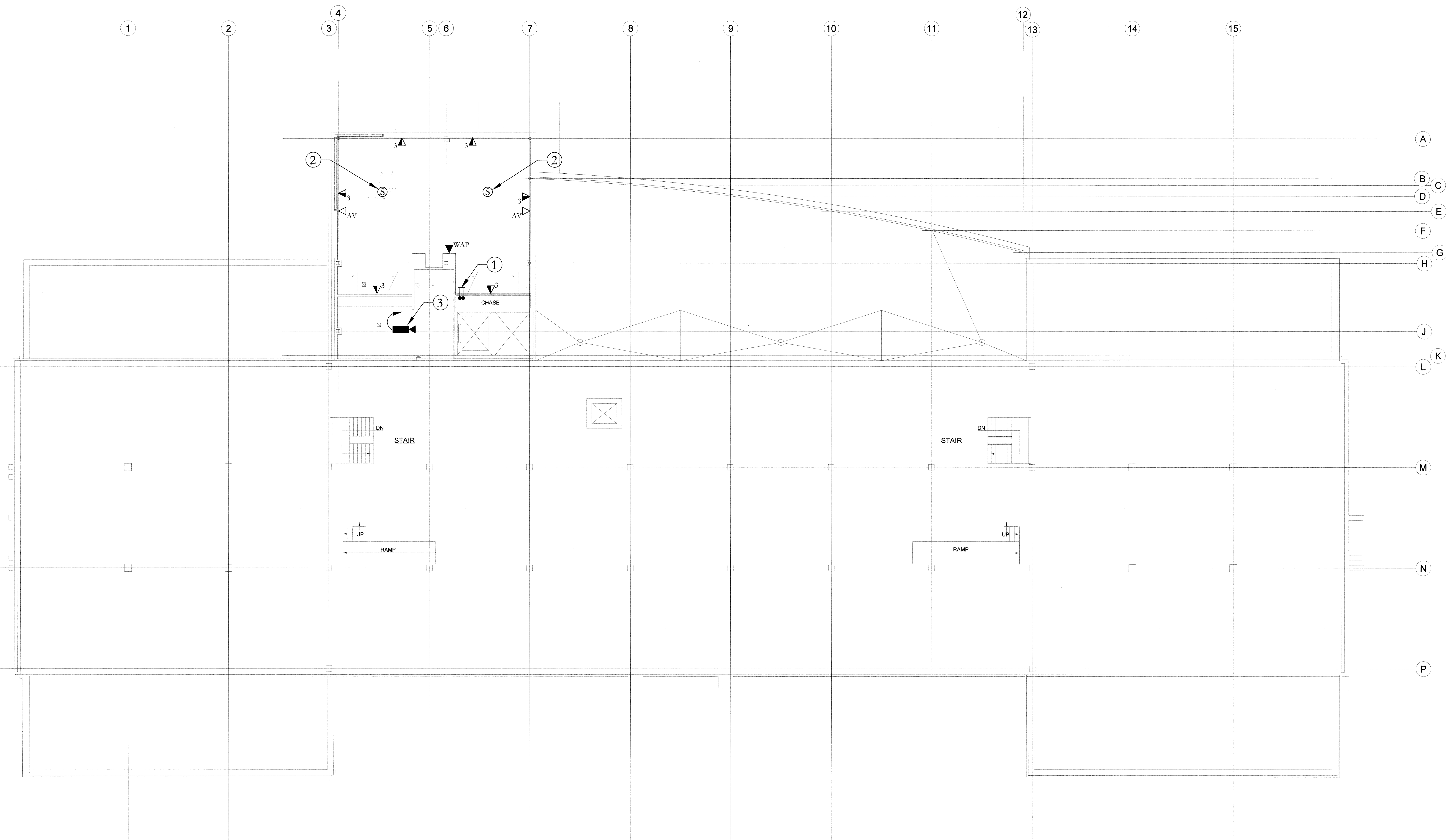
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SHEET 50 OF 91

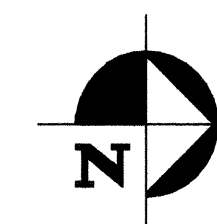
- 1 2 - 4" CONDUITS EXTENDING FROM ICC ROOM TO 3RD LEVEL CEILING SPACE FOR HORIZONTAL DISTRIBUTION.
- 2 PAGING LOUDSPEAKER. SIGNAL SHALL EXTEND FROM PAGING CONTROLLER IN TELCOM ROOM IN EXISTING BUILDING. (TYPICAL)
- 3 FIXED CEILING MOUNTED CCTV CAMERA LOCATION IN TAMPER-PROOF ENCLOSURE. SIGNALS SHALL EXTEND TO MDF ROOM 004. ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL J-BOX AND 1" CONDUIT TO EXTEND TO CEILING SPACE OR TO CHASE IF CEILING IS INACCESSIBLE. COORDINATE EXACT LOCATION WITH ARCHITECT PRIOR TO ROUGH-IN.

- 1) CONTRACTOR SHALL VERIFY EXACT LOCATION FOR VOICE AND DATA OUTLETS WITH THE ARCHITECT.
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- 4) CONTRACTOR SHALL EXTEND PHONE SERVICE TO ALL ELEVATOR PHONE LOCATIONS. TERMINATION REQUIREMENTS SHALL BE COORDINATED WITH ELEVATOR EQUIPMENT INSTALLER. PHONE SHALL BE MODEL RR733SM.
- 5) CONTRACTOR SHALL PROVIDE 1" EMT CONDUIT FROM VOICE/DATA ON WALL TO CEILING SPACE ABOVE TO THE CORRIDOR.
- 6) THE CONTRACTOR SHALL VERIFY FINAL EQUIPMENT LOCATIONS WITH ARCHITECT PRIOR TO INSTALLATION.

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- 10) WHERE HARD CEILING EXIST, THE ELECTRICAL CONTRACTOR SHALL EXTEND OUTLET CONDUITS TO NEAREST CEILING ACCESS PANEL OR DROP CORRIDOR CEILING.



1 THIRD FLOOR PLAN - INFORMATION TECHNOLOGY
IT2.3 SCALE: 1/8" = 1'-0"



Murphy & Dittenhafer
A R C H I T E C T S
220 North Charles Street, Baltimore, Maryland 21201
410-462-4623 Voice 410-462-4671 Fax
220 West Market Street, York, Pennsylvania 17401
717-486-8827 Voice 717-434-5488 Fax

CONSULTANT

USSI SM

INFORMATION TECHNOLOGY CONSULTANTS

3735 PARKFIELD ROAD
PIERSVILLE, MD 21506

PHONE: 410-580-1840
FAX: 410-855-0658

WEB SITE: www.ussinet.com

PHASE ONE: ADDITION TO STATE OFFICE BUILDING NO.3
2100 GUILFORD AVENUE, BALTIMORE, MD 21218
MARYLAND DEPARTMENT OF GENERAL SERVICES

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DRAWN BY:	DLJ
CHECKED BY:	HH4
PROJECT NO:	BB-621-003-001
DATE:	3/03/06
THIRD FLOOR PLAN	
IT2.3	
SHEET 21	OF 21