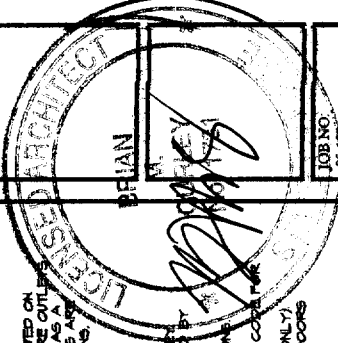


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DELTA ROOFING

PORTLAND, MAINE



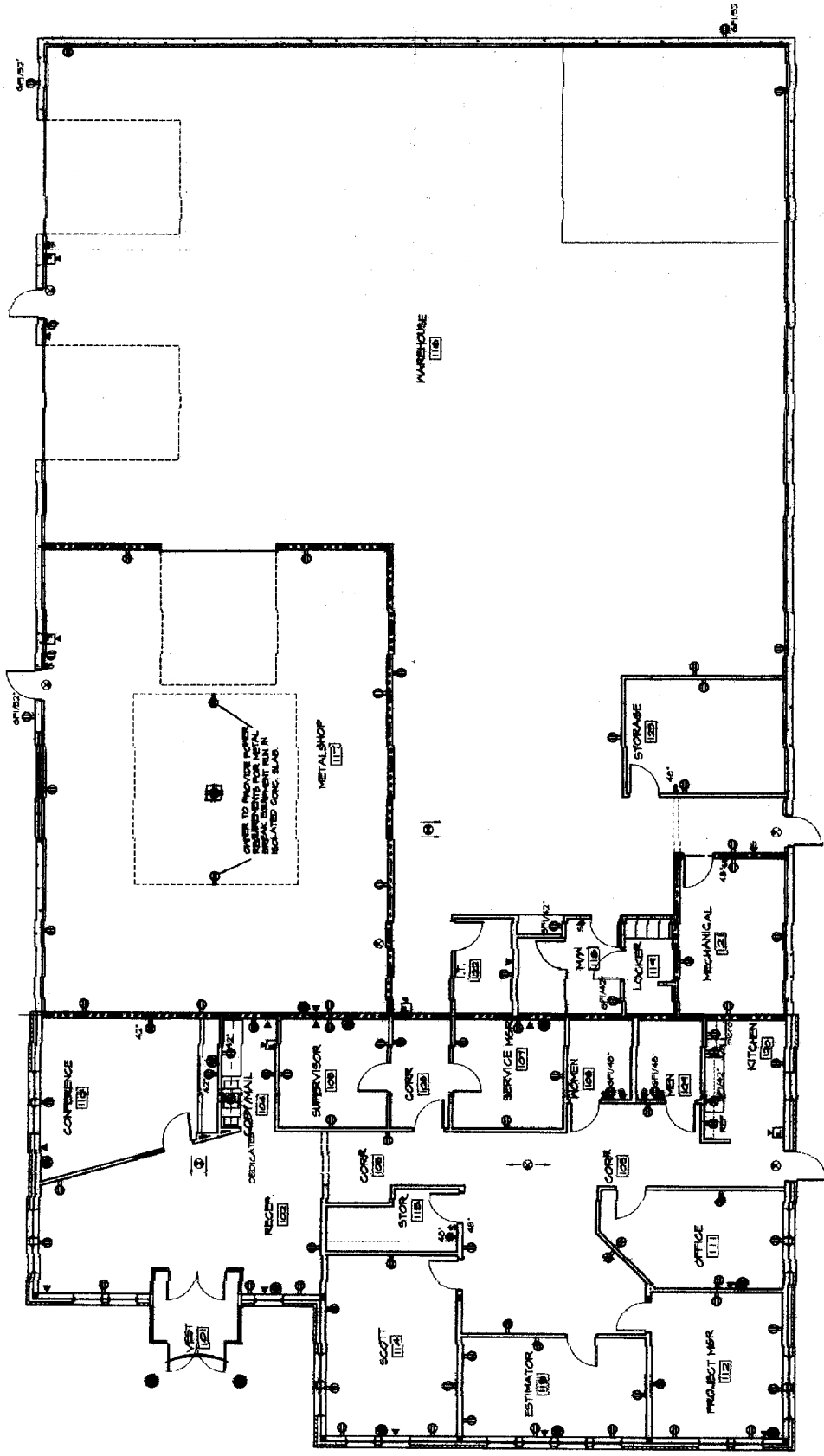
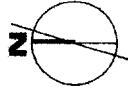
JOB NO. 05-08	DRAWN: CHC MEL	SCALE: 1/8" = 1'-0"	ISSUE CONSTRUCTION SET AUGUST 9, 2006	TITLE FIRST FLOOR POWER PLAN	SHEET A2.3
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GRAPHIC LEGEND:

- ⊙ EMERGENCY EXIT SIGNAL
- ⊠ AUDIOVISUAL FIRE ALARM (80" AFF)
- ⊠ VISUAL STROBE FIRE ALARM (80" AFF)
- ⊠ EMERGENCY PACK
- 24x24 FLOURESCENT
- 24x48 FLOURESCENT
- 12x48 FLOURESCENT
- 12x48 FLOURESCENT
- RECESSED CAN
- ⊙ METAL HALIDE DOWNLIGHT
- MALL WASHER
- TRACK LIGHTING
- ⊠ EXTERIOR WALL PACK
- ⊠ MECHANICAL SUPPLY/RETURN
- ACCESS PANEL
- ⊠ OVERHEAD DOOR OPERATOR
PUSH TO OPEN, PULL TO CLOSE
- ⊠ SINGLE POLE SWITCH
- ⊠ 3-WAY SWITCH
- ⊠ DIMMER SWITCH
- ⊠ DUPLEX OUTLET
- ⊠ 6FT OUTLET (Ground Fault)
- ⊠ 220 OUTLET
- ⊠ CATV (Cable TV)
- ⊠ TELEPHONE/DATA
- ⊠ SPECIAL CONNECTION
- ⊠ SWITCH/OUTLET
- ⊠ FLOOR OUTLET
- ⊠ PULL-DOWN DUPLEX OUTLET

NOTE:
 SOME OUTLETS MAY BE INDICATED ON
 LIGHTING PLANS IN CASES WHERE OUTLET
 SWITCHES ARE NOT SHOWN. ALL OUTLET
 SWITCHES AND ALL OUTLET LOCATIONS ARE
 INDICATED ON THE POWER PLANS.

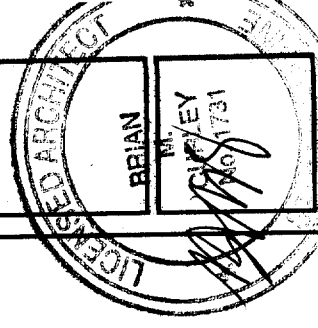
SECURITY NOTES:
 PROVIDE THREE-ZONE CARD-KEY
 SECURITY SYSTEM AS DIRECTED BY
 OWNER.
 WIRE AND INSTALL AS PER
 MANUFACTURER'S SPECIFICATION.
 ZONES (SEPARATE SECURITY CODES FOR
 EACH ZONE):
 OFFICE AREA (ENTRY DOORS ONLY)
 WAREHOUSE AREA (PASSAGE DOORS)



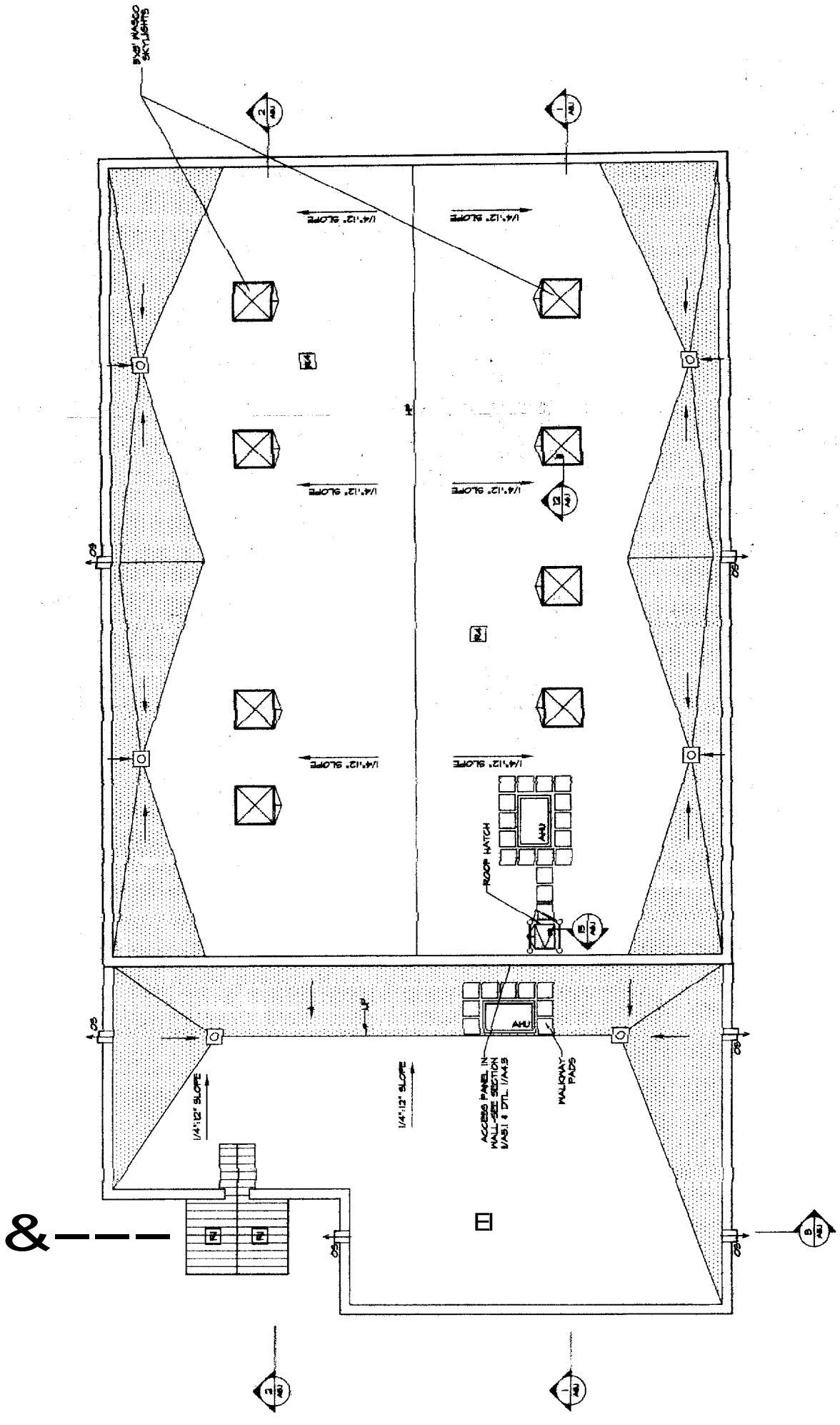
1 FIRST FLOOR POWER PLAN
 10/11/06

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DELTA ROOFING
PORTLAND, MAINE



JOB NO. 05136	DRAWN CHK TSK	SCALE AS NOTED	ISSUE CONSTRUCTION SET AUGUST 9, 2006	TITLE ROOF PLAN	SHEET A3.1
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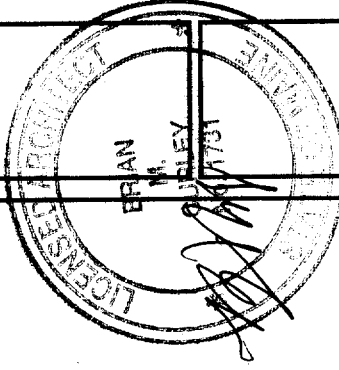
NOTES:

1. VERIFY ALL ROOF PENETRATIONS. PROVIDE FLASHING AT ALL ROOF PENETRATIONS WHETHER SHOWN ON THE ROOF PLAN OR NOT, UNLESS NOTED OTHERWISE.
2. NOT ALL ITEMS PENETRATING ROOF MAY BE SHOWN. VERIFY AND COORDINATE LOCATIONS.
3. LOCATIONS OF MECH. EQUIPMENT ARE SCHEMATIC IN NATURE AND NOT ALL MAY BE SHOWN.
4. THE MINIMUM SLOPE FOR ANY ROOF PITCH IS 1/4"12"ING.
5. REFER TO GENERAL NOTES.
6. PROVIDE OVERLAP SCUPPERS AT ALL FLAT ROOF AREAS.

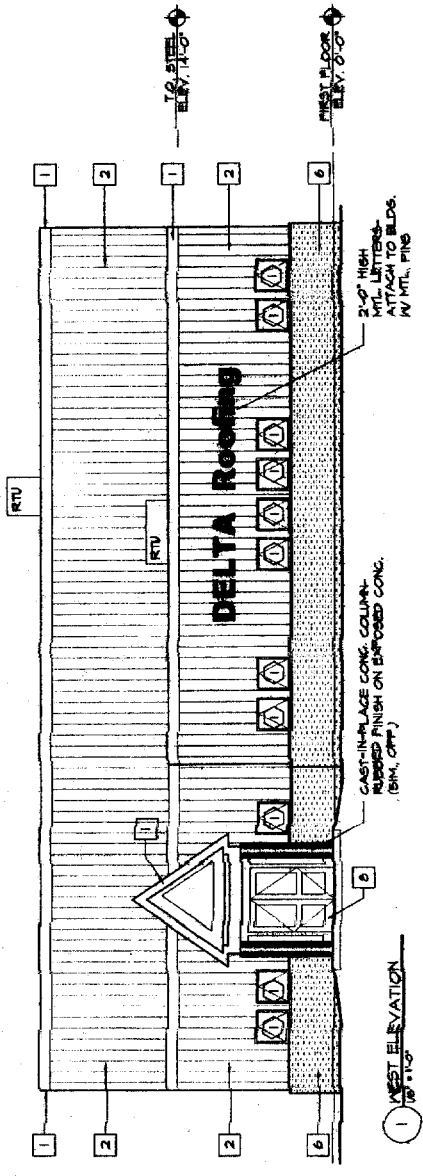
LEGEND

	ROOF DRAIN
	TAPERED INSULATION
	METAL ROOF, RED
	NOT USED
	NOT USED
	NUMBER ROOF, WHITE

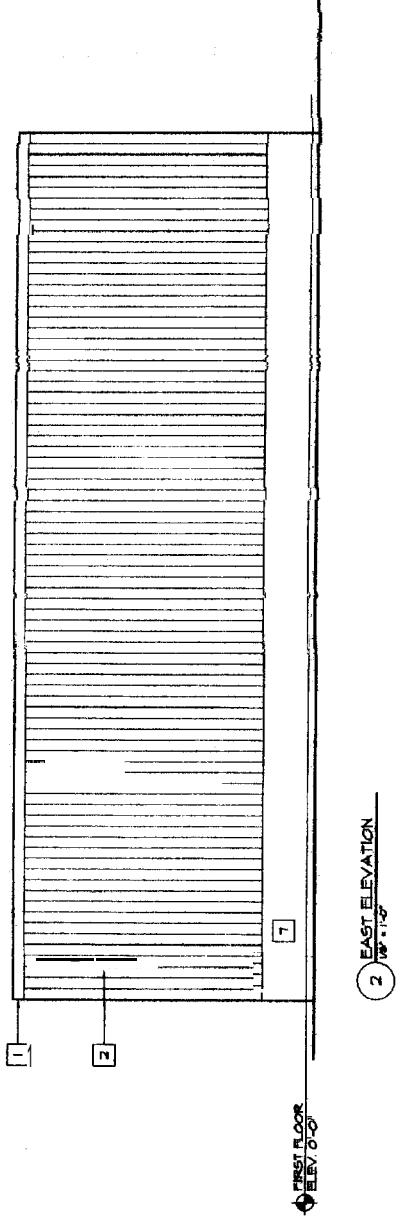
1 ROOF PLAN
1/8" = 1'-0"



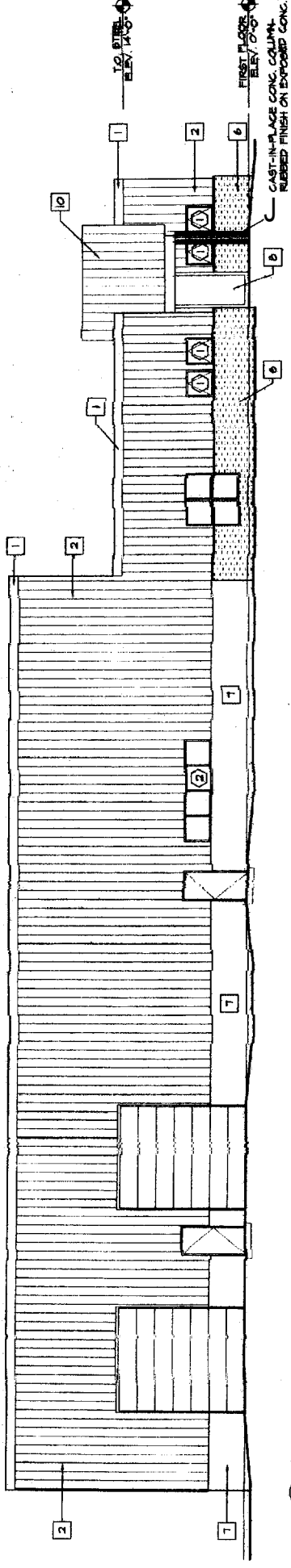
JOB NO. 06-136	ISSUE CONSTRUCTION SET AUGUST 9, 2006
DRAWN: CHC MEL, BJR	TITLE EXTERIOR ELEVATIONS
SCALE: 1/8"=1'-0"	SHEET A4.1



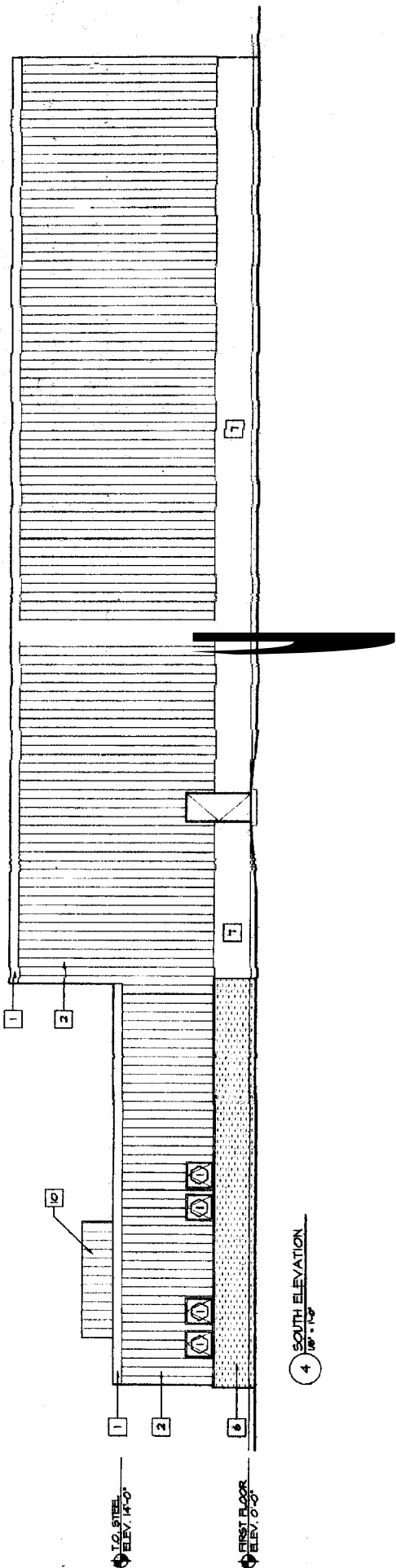
1 WEST ELEVATION
 1/8" = 1'-0"



2 EAST ELEVATION
 1/8" = 1'-0"



3 NORTH ELEVATION
 1/8" = 1'-0"

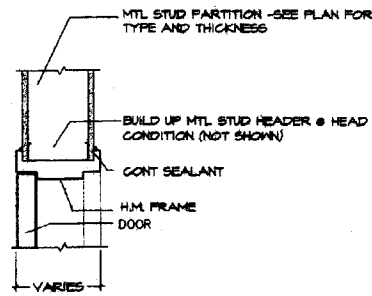


4 SOUTH ELEVATION
 1/8" = 1'-0"

LEGEND

- 1 1/2" PRE-FINISHED METAL PANEL SYSTEM
- 2 STANDING SEAM METAL SIDING
- 3 METAL SIDING
- 4 NOT USED
- 5 NOT USED
- 6 MASONRY VENEER
- 7 EXPOSED CONCRETE
- 8 ALUM./GLASS ENTRY SYSTEM - SEE DOOR SCHED.
- 9 NOT USED
- 10 METAL ROOF PANEL

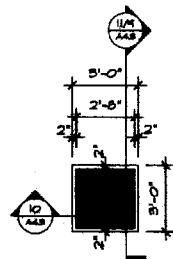
INTERIOR H.M. FRAME DETAILS



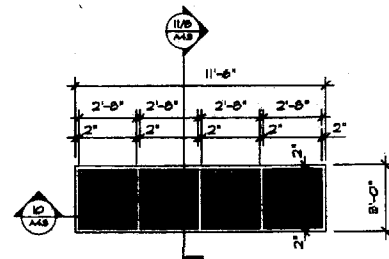
⑤ H.M. FRAME HEAD & JAMB @ CFMF
1 1/2" x 1-0"

④ NOT USED
NOT USED

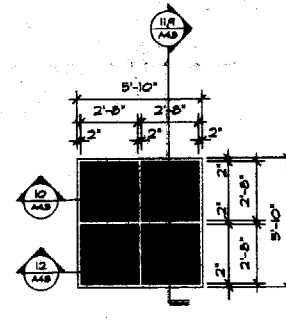
③ WINDOW TYPES
1/4" x 1-0"



① ALUMINUM FRAME

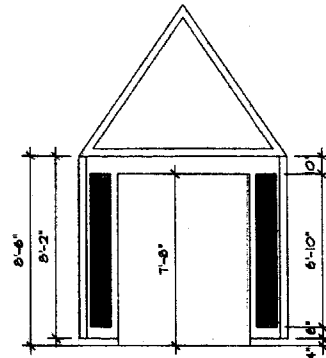


② ALUMINUM FRAME

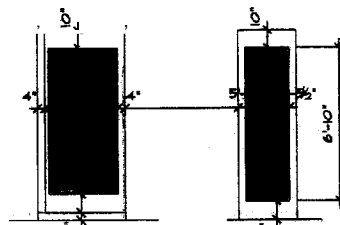


③ ALUMINUM FRAME

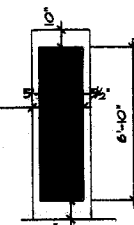
② FRAME TYPES
1/4" x 1-0"



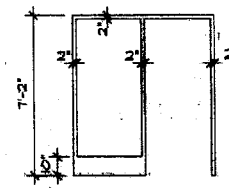
① ALUMINUM FRAME WITH LITES



② ALUMINUM FRAME WITH LITES



③ ALUMINUM FRAME WITH LITES

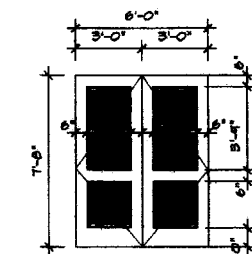


④ HOLLOW METAL FRAME

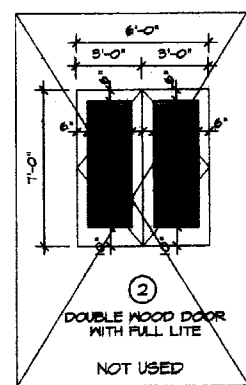


⑤ HOLLOW METAL FRAME

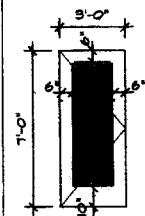
① DOOR TYPES
1/4" x 1-0"



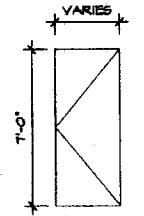
① ALUMINUM DOOR WITH LITES



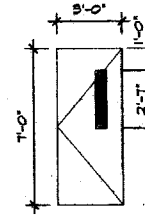
② DOUBLE WOOD DOOR WITH FULL LITE
NOT USED



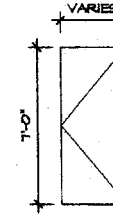
③ SINGLE WOOD DOOR WITH FULL LITE



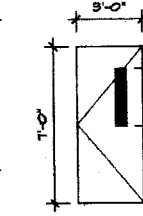
④ WOOD DOOR



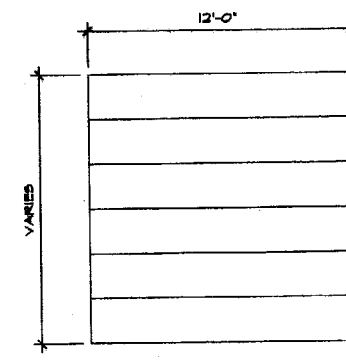
⑤ WOOD DOOR WITH LITE



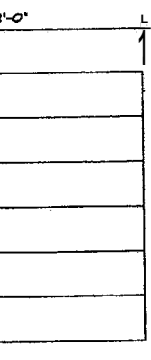
⑥ METAL DOOR



⑦ METAL DOOR WITH LITE



⑨ OVERHEAD DOOR EXTERIOR DOORS INSULATED



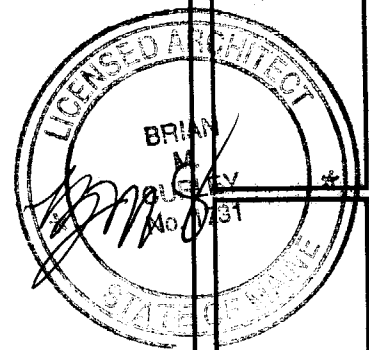
⑨A OVERHEAD DOOR INTERIOR DOORS FIRE RATED - 2HR

DOOR AND FRAME SCHEDULE

Number	DOOR			FRAME			FIRE RATING	HDWR TYPE	NOTES
	Type	WD	HGT	Type	HEAD	JAMB SILL			
101	1	6-0	7-0	1	---	---	---	---	STOREFRONT ASSEMBLY
102	1	6-0	7-0	1	---	---	---	---	STOREFRONT ASSEMBLY
103	6	3-0	7-0	5	---	---	---	---	2 HR. PARTITION
105	4	3-0	7-0	5	7/A4.9	146/A4.9	---	---	---
106	4	3-0	7-0	5	5/A4.2	5/A4.2	---	---	---
106.2	7	3-0	7-0	5	5/A4.2	5/A4.2	---	---	2 HR. PARTITION
107	4	3-0	7-0	5	5/A4.2	5/A4.2	---	---	---
108	4	3-0	7-0	5	5/A4.2	5/A4.2	---	---	---
109	4	3-0	7-0	5	5/A4.2	5/A4.2	---	---	---
110	4	3-0	7-0	5	5/A4.2	5/A4.2	---	---	---
111	4	3-0	7-0	5	5/A4.2	5/A4.2	---	---	---
112	4	3-0	7-0	5	5/A4.2	5/A4.2	---	---	---
113	4	3-0	7-0	5	5/A4.2	5/A4.2	---	---	---
114	4	3-0	7-0	5	5/A4.2	5/A4.2	---	---	---
115	4	3-0	7-0	5	5/A4.2	5/A4.2	---	---	---
116	7	3-0	7-0	5	7/A4.9	146/A4.9	4/A4.9	---	---
116.2	4	12-0	14-0	---	15/A4.9	14/A4.9	15/A4.9	---	---
116.5	4	12-0	14-0	---	15/A4.9	14/A4.9	15/A4.9	---	---
116.4	7	3-0	7-0	5	7/A4.9	146/A4.9	4/A4.9	---	---
117	7	3-0	7-0	5	5/A4.2	5/A4.2	---	40 MIN	2 HR. PARTITION
117.2	4	3-0	7-0	5	7/A4.9	146/A4.9	4/A4.9	---	---
117.3	4A	12-0	12-0	---	---	---	---	120 MIN	2 HR. PARTITION
118	6	3-0	7-0	5	5/A4.2	5/A4.2	---	---	---
119	6	3-0	7-0	5	5/A4.2	5/A4.2	---	---	---
120	1	3-0	7-0	5	---	---	---	---	NOT USED
121	6	3-0	7-0	5	5/A4.2	5/A4.2	---	60 MIN	1 HR. PARTITION
122	6	3-0	7-0	5	5/A4.2	5/A4.2	---	---	---
123	6	3-0	7-0	5	5/A4.2	5/A4.2	---	---	---

NOTES:

- COORDINATE SPECIFIC LABELLING REQUIREMENTS FOR OPENINGS WITH APPLICABLE CODES AND CONSTRUCTION OF DOOR AND FRAME ASSEMBLIES.
- ALL WOOD AND STEEL DOORS TO BE 1 3/4" THICK.
- SEE SPECIFICATION AND DETAILS FOR SILLS AND THRESHOLDS.
- PAINT ALL H.M. FRAME P-2.
- ALL STEEL DOORS WITH CLOSERS TO RECEIVE KICK PLATES ON PUSH SIDE.
TYPE A - (DOOR WIDTH MINUS 1") x 10". TYPE B - (DOOR WIDTH MINUS 1") x 30"



JOB NO. 05-136

DRWN. CHK. MEL

SCALE: AS NOTED

ISSUE CONSTRUCTION SET AUGUST 9, 2006

TITLE DOOR TYPES WINDOW TYPES SCHEDULES

SHEET

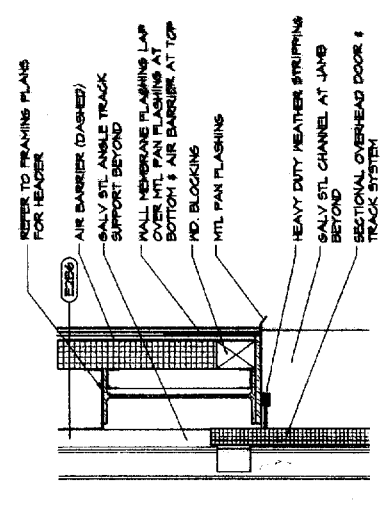
A4.2

ARCHITECTURE INTERIOR DESIGN PLANNING
ARCHITECTS
40 DANFORTH STREET
PORTLAND, MAINE 04101
207-775-2624 FAX

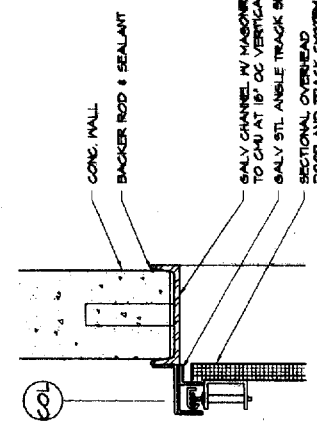
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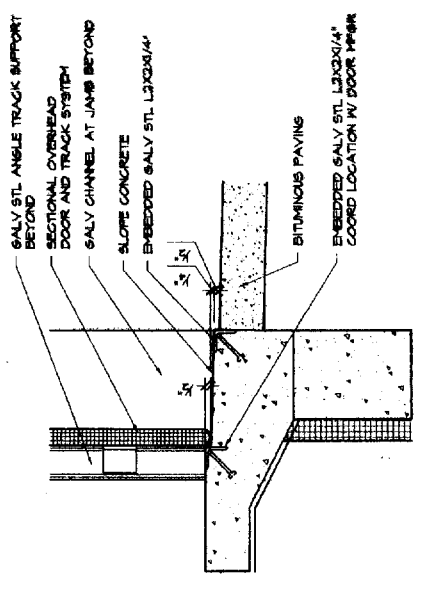
OVERHEAD DOOR DETAILS



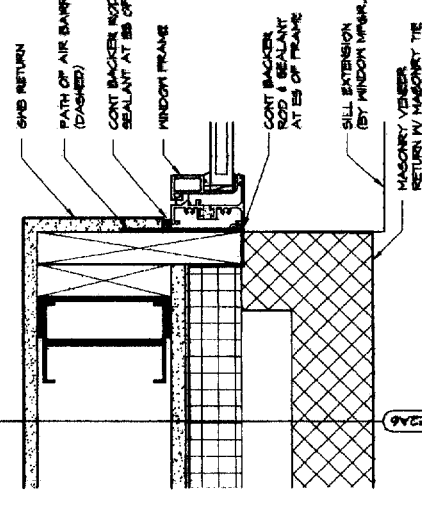
15 OVERHEAD DOOR HEAD
1/2" = 1'-0"



14 OVERHEAD DOOR JAMB
1/2" = 1'-0"

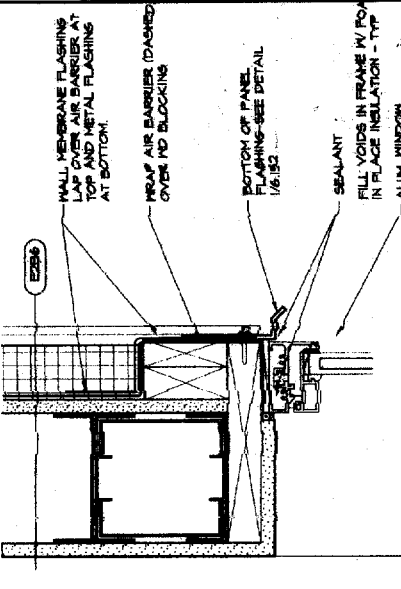


13 OVERHEAD DOOR SILL
1/2" = 1'-0"

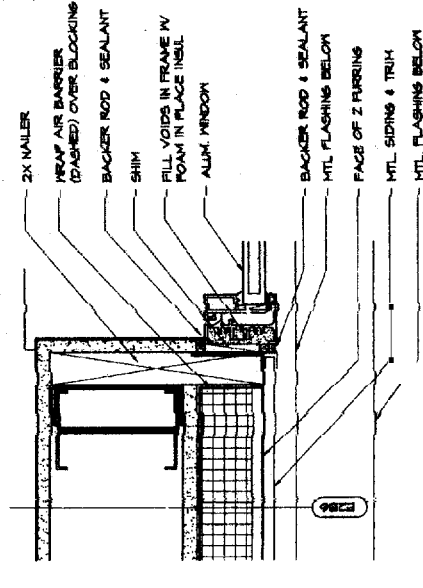


12 WINDOW JAMB & MASONRY VENEER
1/2" = 1'-0"

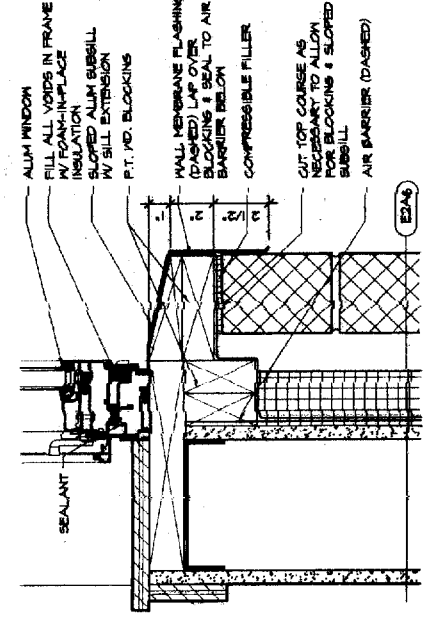
EXTERIOR WINDOW DETAILS



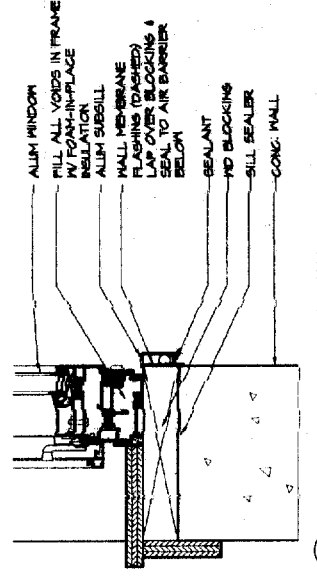
11 WINDOW HEAD DETAIL
1/2" = 1'-0"



10 WINDOW JAMB DETAIL
1/2" = 1'-0"

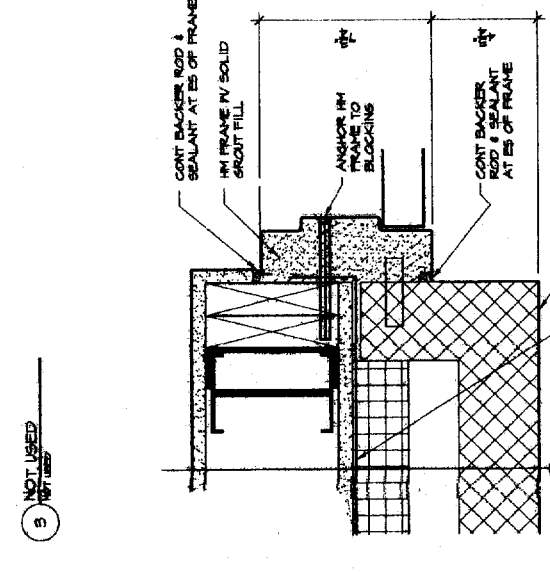


9 WINDOW SILL & VENEER MALL/JAMB SIM
1/2" = 1'-0"

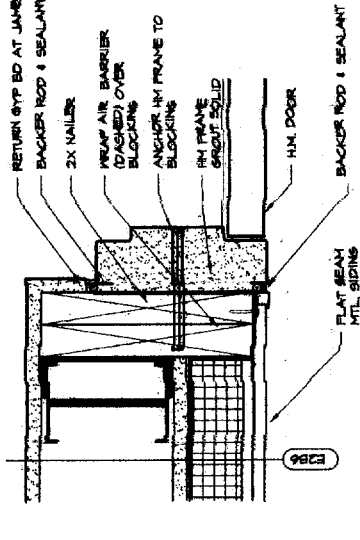


8 WINDOW SILL & CONG. STUD WALL
1/2" = 1'-0"

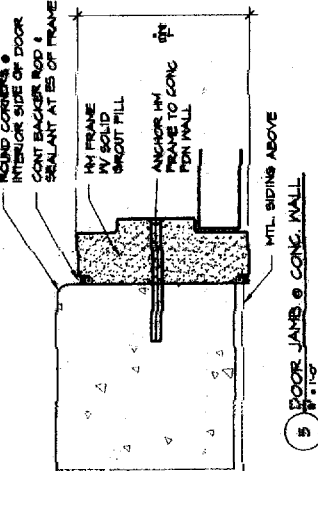
NOT USED



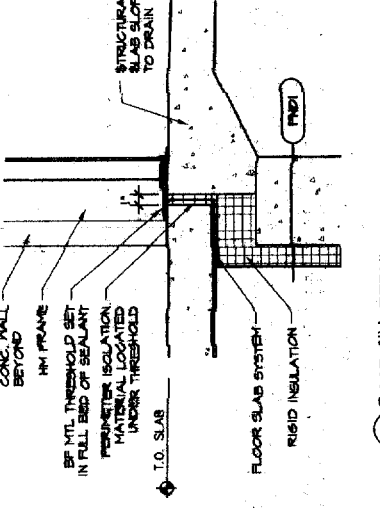
2 DOOR JAMB & MASONRY VENEER
1/2" = 1'-0"



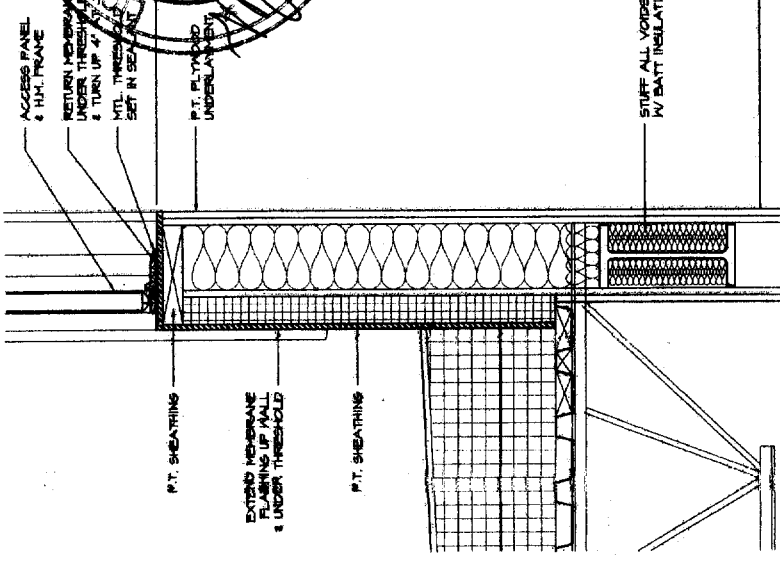
6 DOOR JAMB DETAIL
1/2" = 1'-0"



5 DOOR JAMB & CONG. WALL
1/2" = 1'-0"



4 DOOR SILL DETAIL
1/2" = 1'-0"

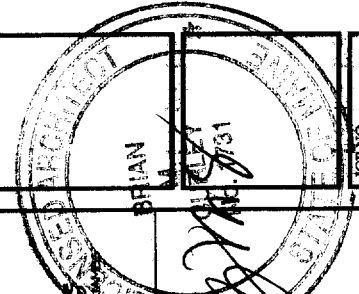


1 ACCESS PANEL DETAIL
1/2" = 1'-0"

ARCHITECTURE
INTERIOR DESIGN
PLANNING
49 PORTLAND STREET
PORTLAND, ME 04101
207.755.5994 FAX
207.755.1099

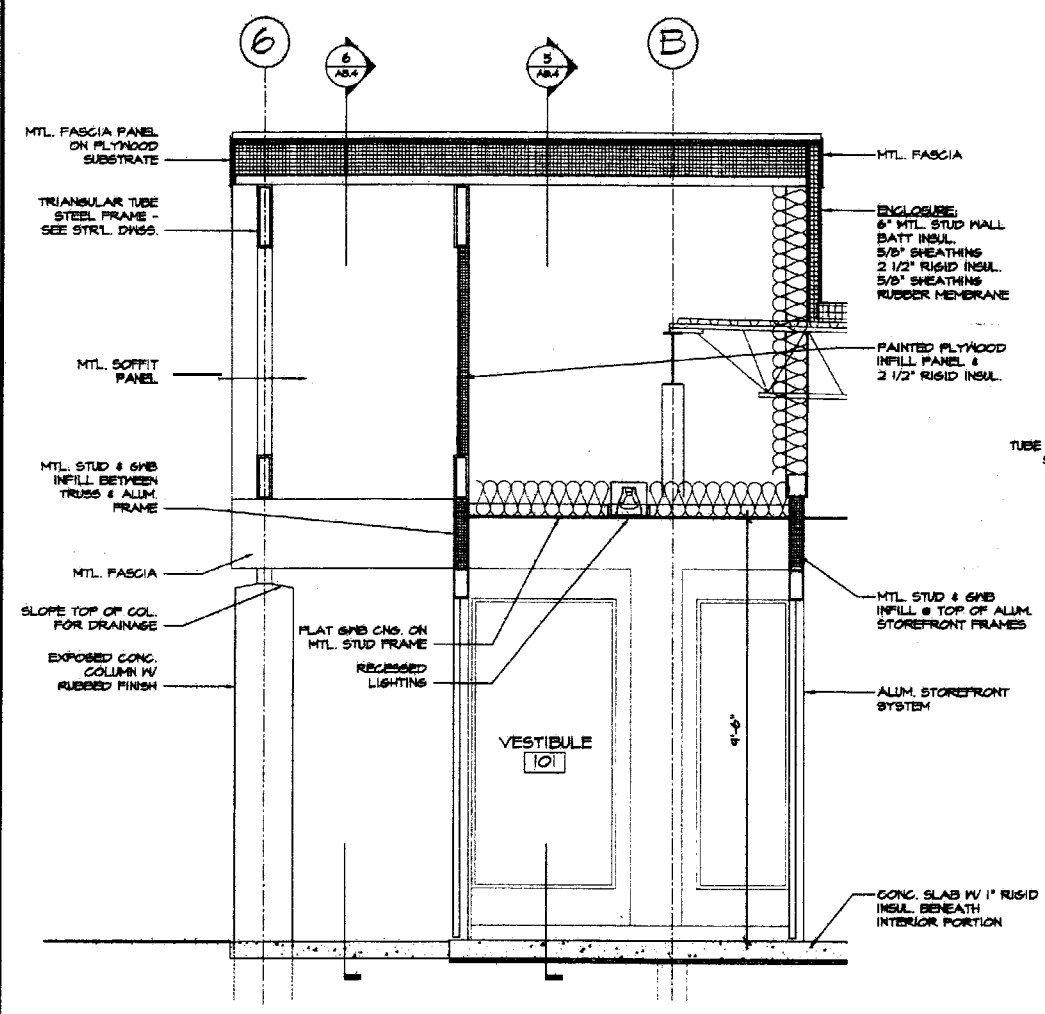
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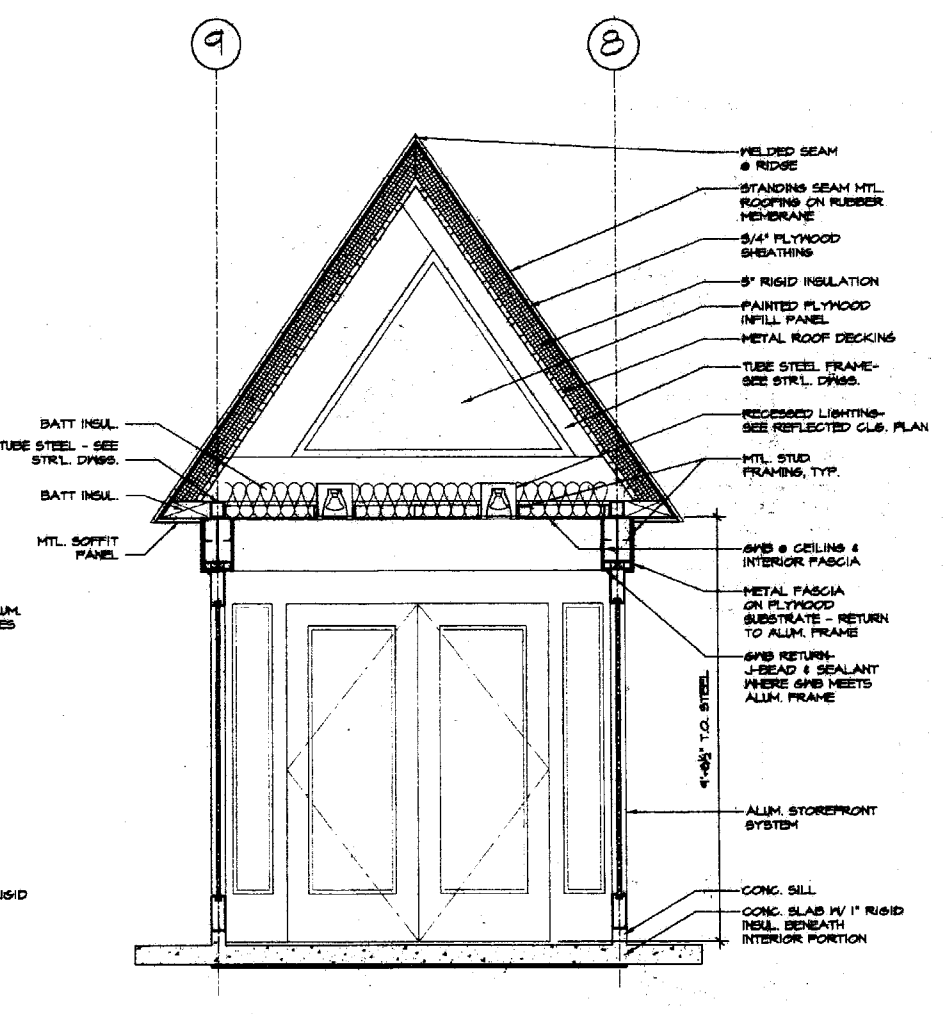


JOB NO. 05-136	DATE 05-13-06
DRWN. CHK. KARL	SCALE AS NOTED
ISSUE	CONSTRUCTION SET AUGUST 9, 2006
TITLE DOOR AND WINDOW DETAILS	SHEET A4.3

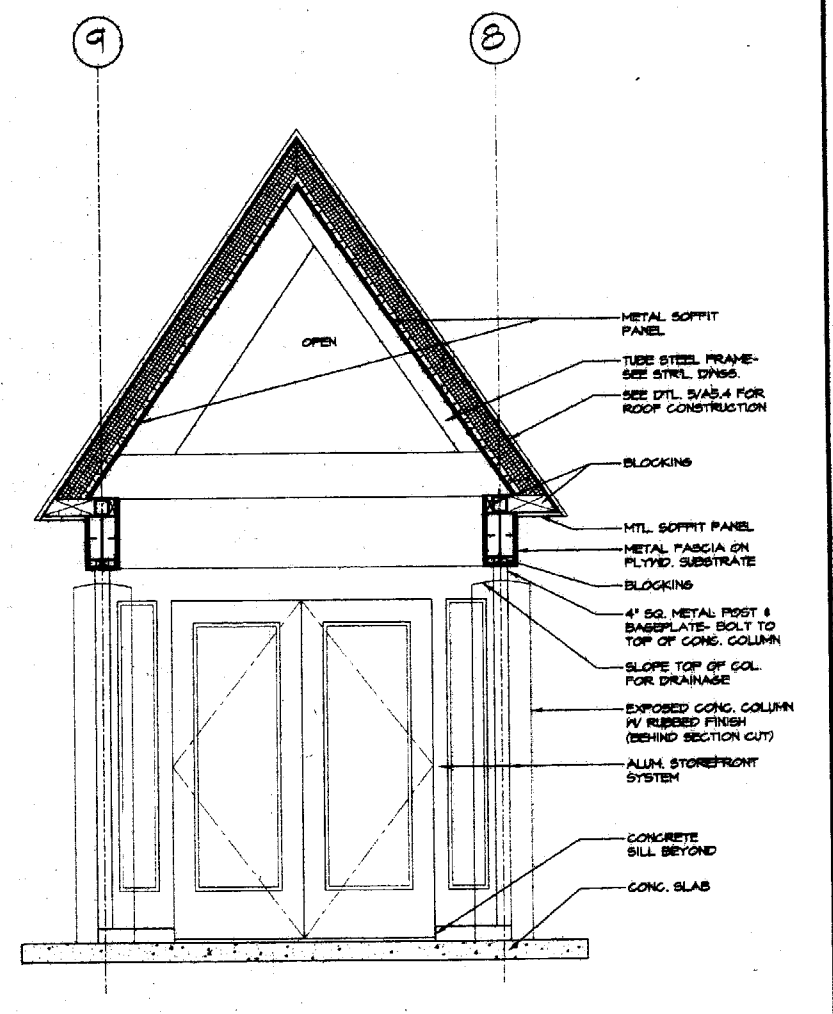
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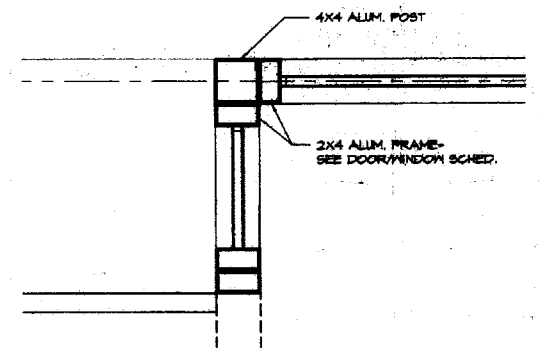
4 SECTION • ENTRY VESTIBULE
1/2" = 1'-0"



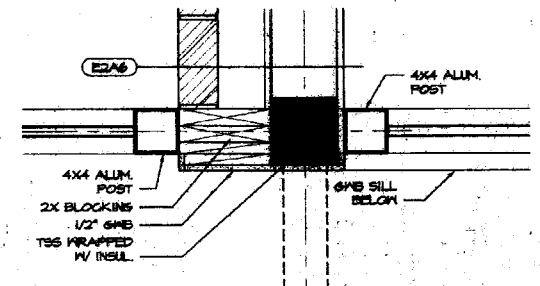
5 SECTION • ENTRY VESTIBULE
1/2" = 1'-0"



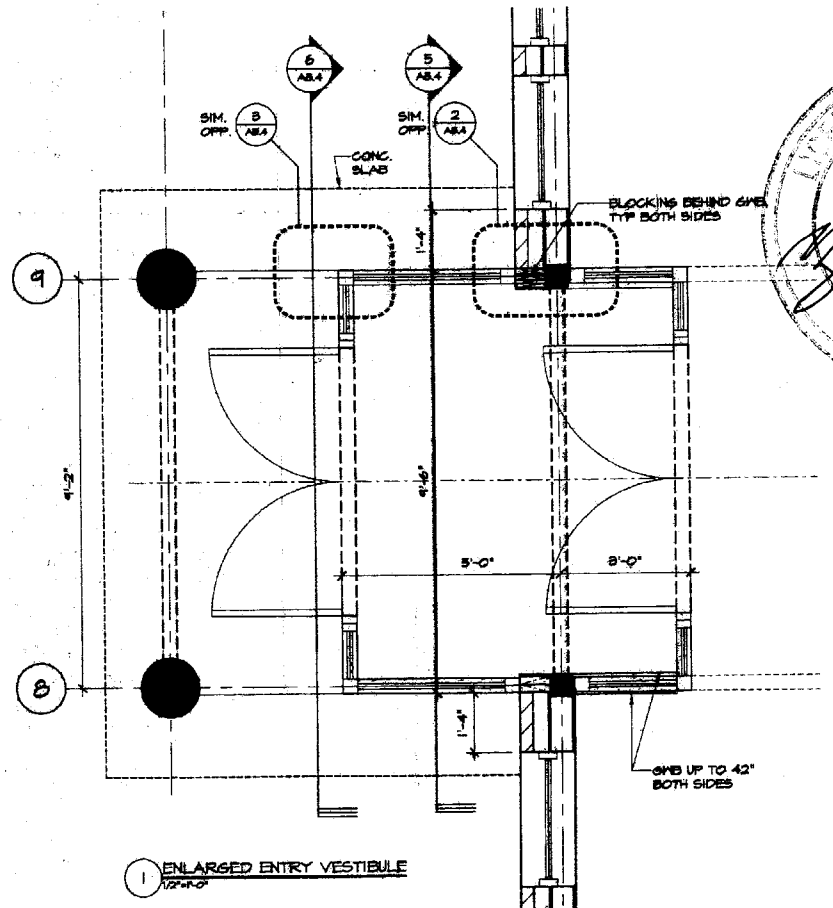
6 SECTION • EXTERIOR ENTRY CANOPY
1/2" = 1'-0"



3 PLAN DETAIL • ALUM. FRAME
1/2" = 1'-0"



2 PLAN DETAIL • ALUM. FRAME
1/2" = 1'-0"

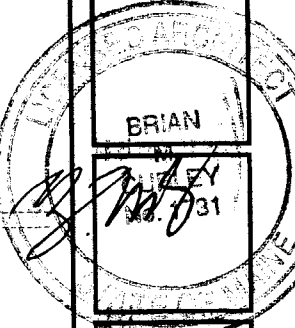


1 ENLARGED ENTRY VESTIBULE
1/2" = 1'-0"

ARCHITECTURE
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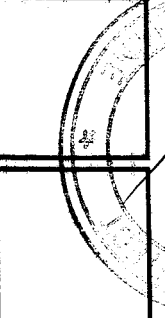
DELTA ROOFING
PORTLAND, MAINE



OR NO
05-136
DRWN. CHR.
EJR
SCALE:
AS NOTED
ISSUE
CONSTRUCTION SET
AUGUST 9, 2006
TITLE
ENLARGED PLANS,
DETAILS

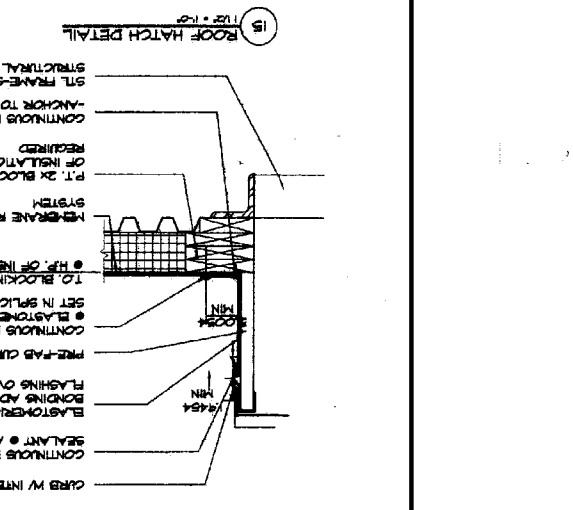
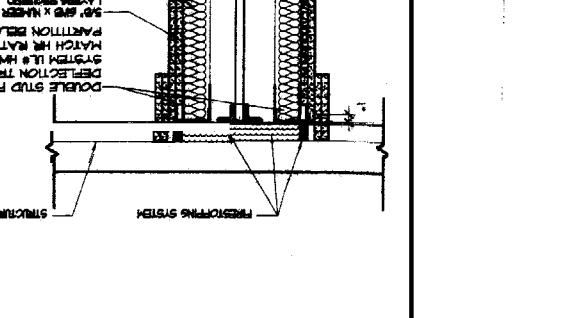
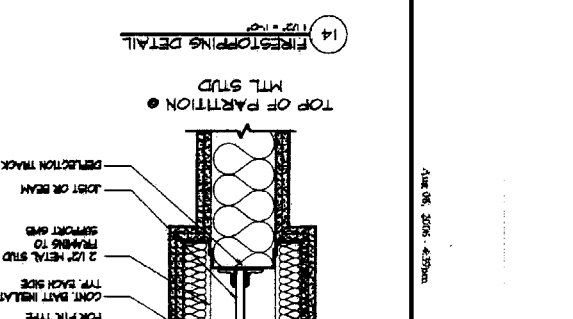
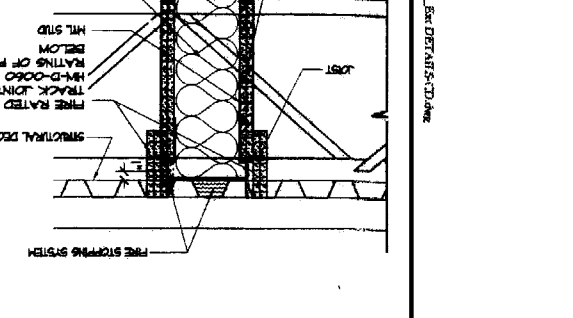
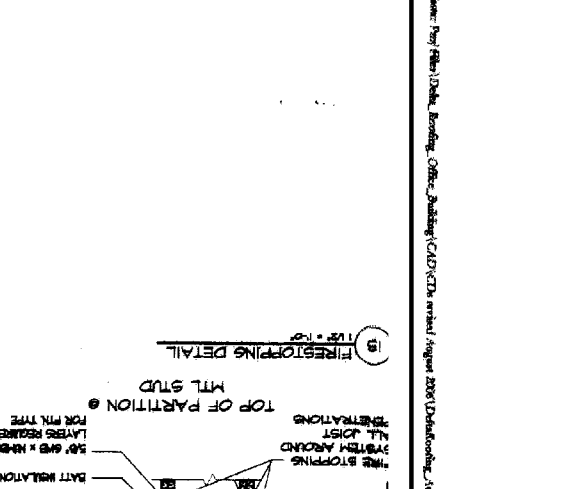
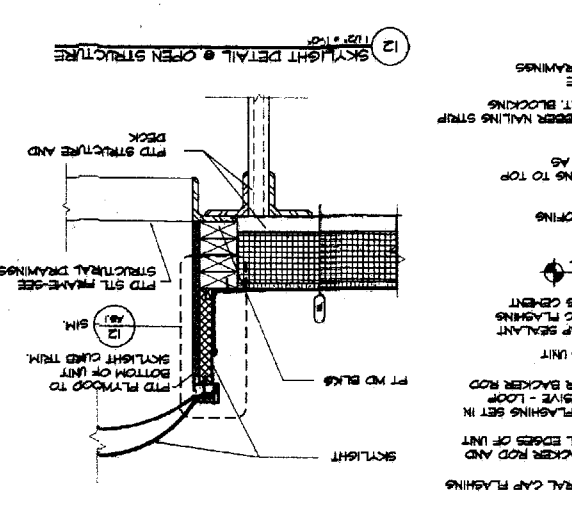
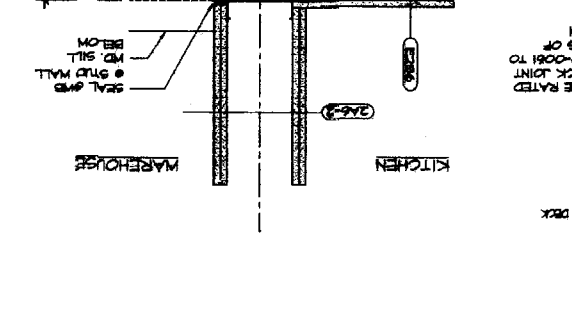
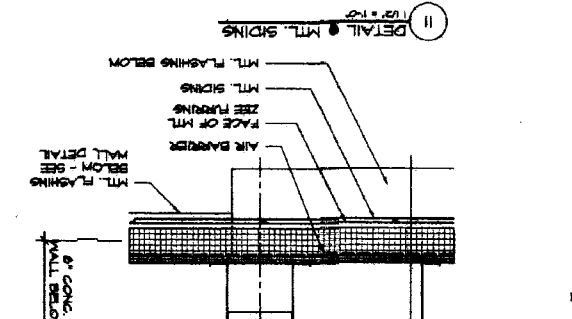
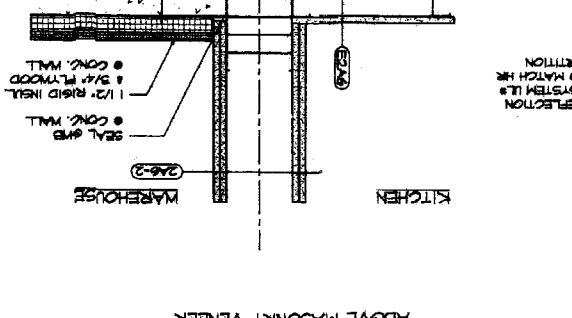
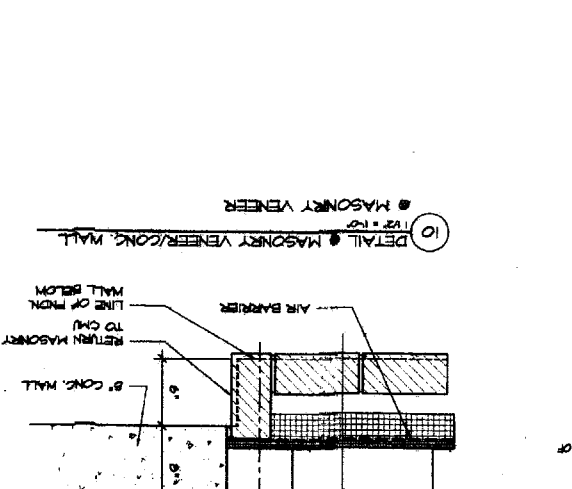
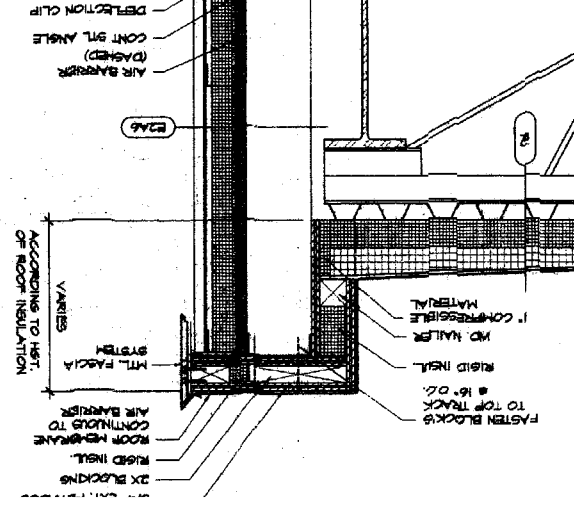
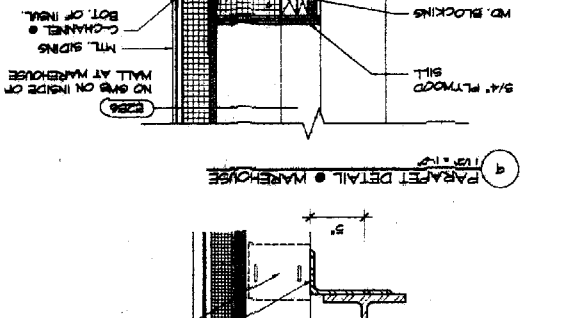
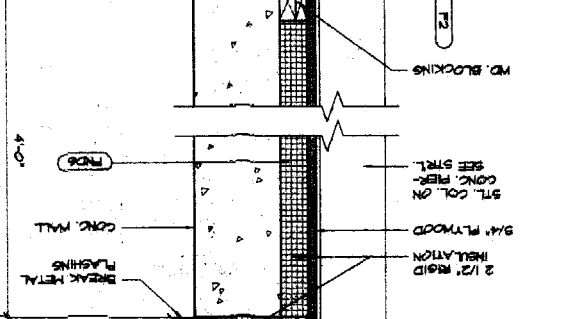
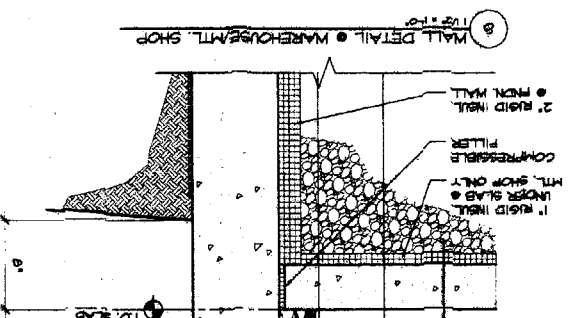
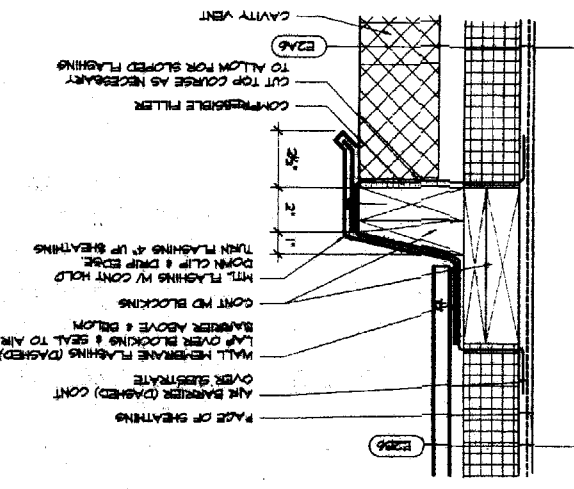
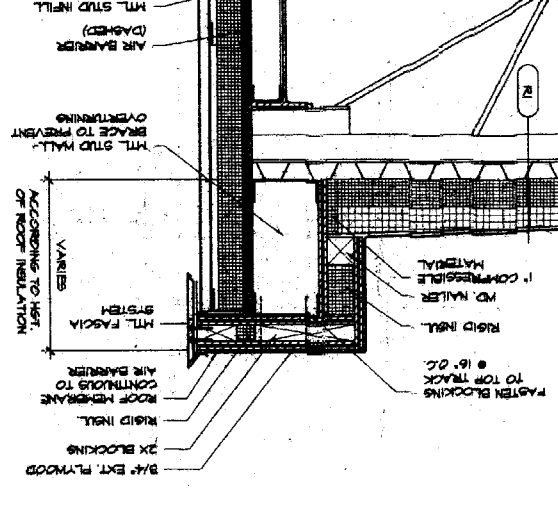
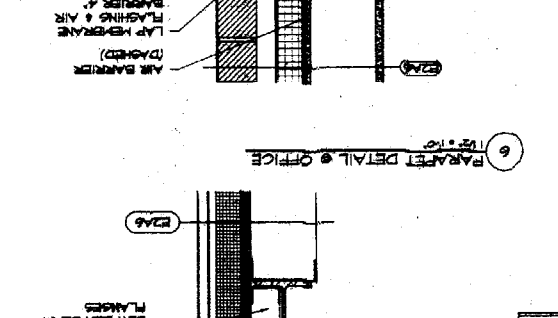
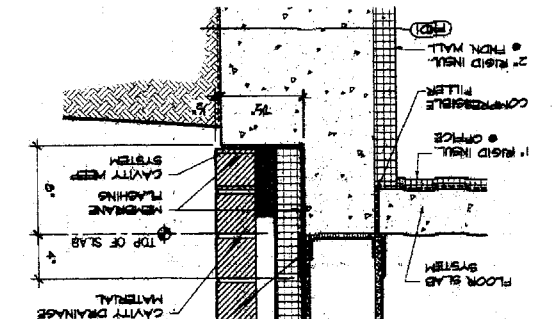
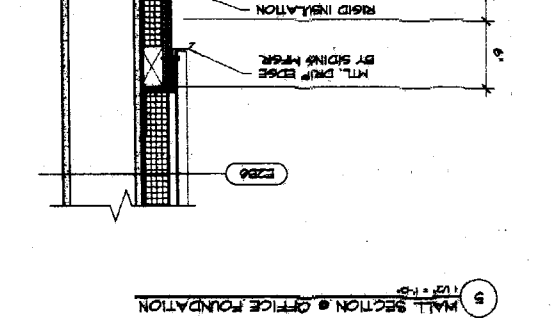
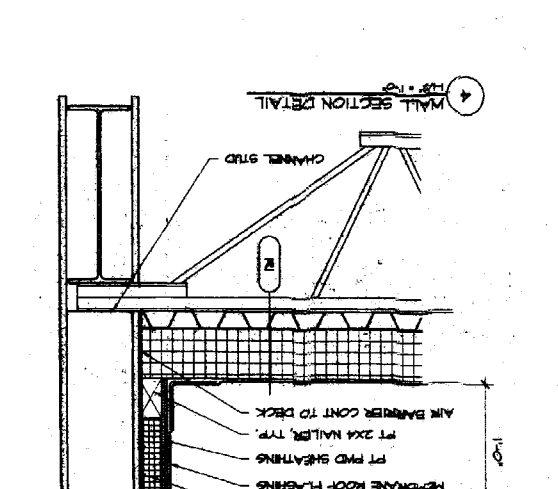
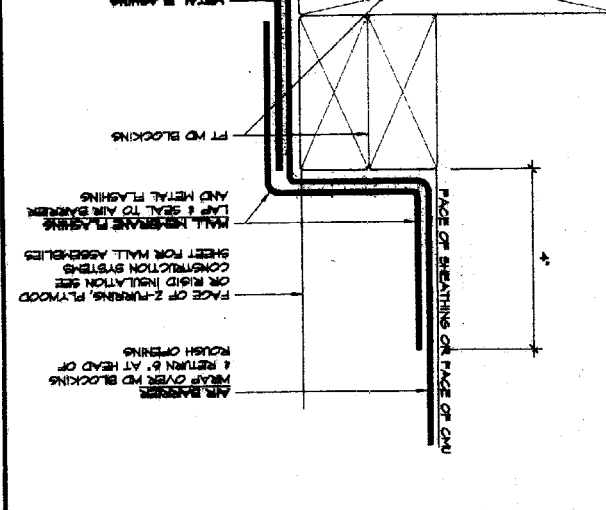
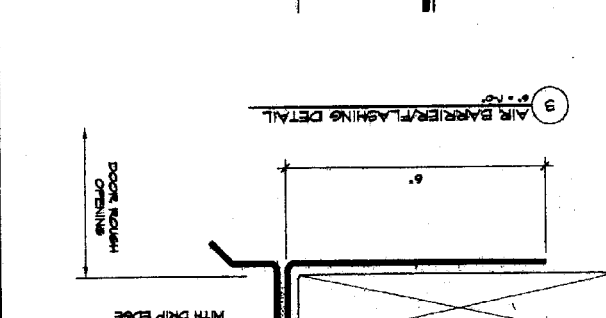
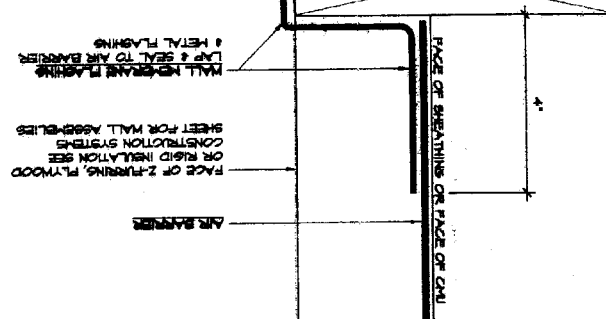
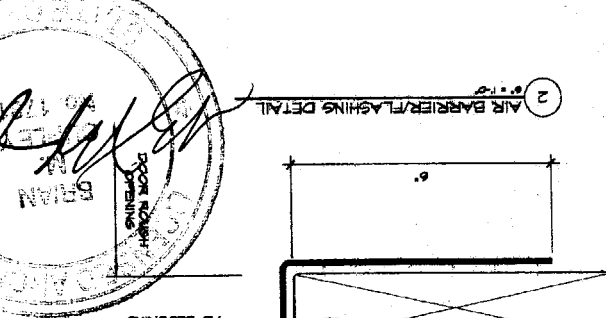
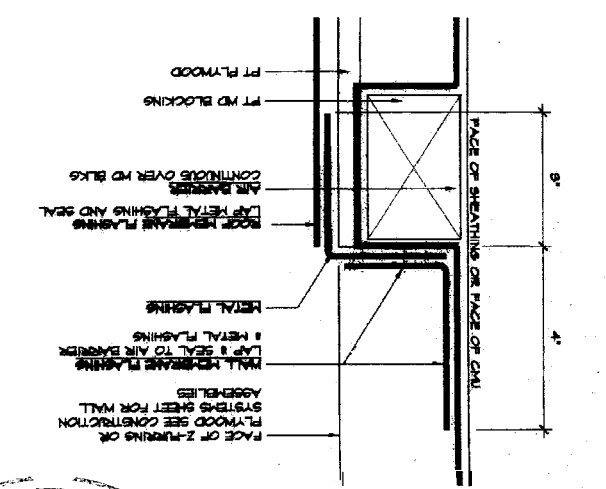
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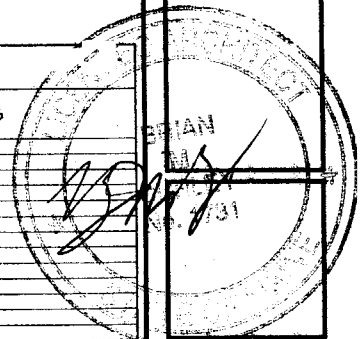
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DATE	05-136
SCALE	AS NOTED
ISSUE	CONSTRUCTION SET AUGUST 9, 2006
TITLE	EXTERIOR DETAILS
SHEET	



DELTA ROOFING
PORTLAND, MAINE

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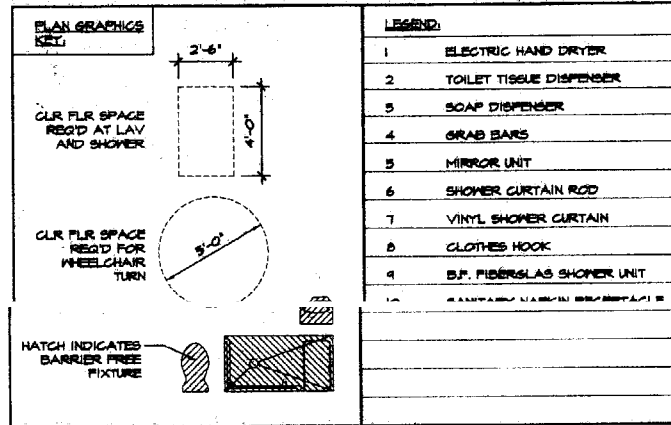
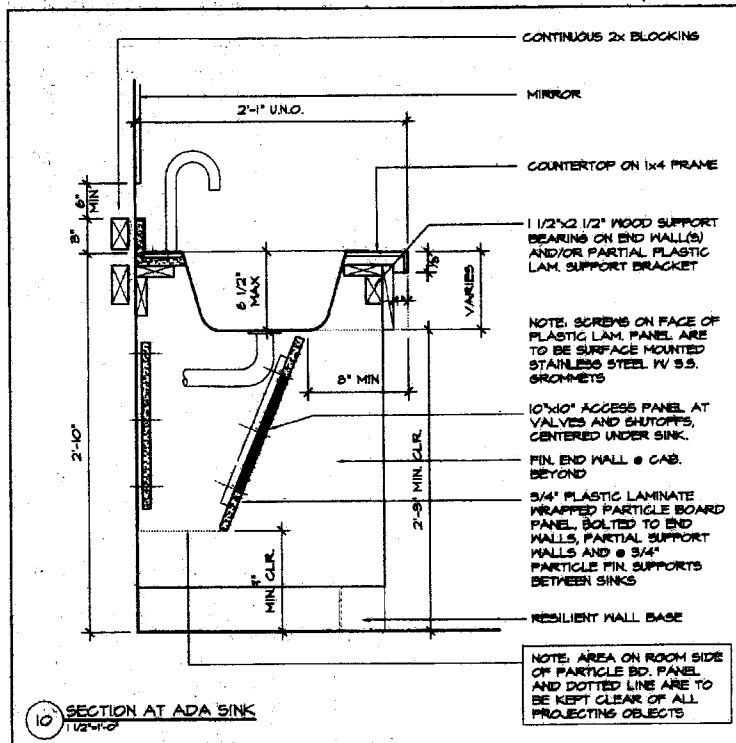
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ISSUE
CONSTRUCTION SET
AUGUST 9, 2006

TITLE
FLOOR PATTERNS
FINISH SCHEDULE
INT. ELEVATIONS

SHEET

A7.1



ROOM FINISH SCHEDULE

Number	ROOM NAME	FLOOR	BASE	WALLS				NOTES
				N	S	E	W	
101	VESTIBULE	MAT/PT	ALIM	ALIM	ALIM	ALIM	ALIM	
102	RECEPTION	PT/CPT	VB	P-2	P-2	P-2	P-2	
103	CORRIDOR	PT/CPT	VB	P-2	P-2	P-2	P-2	
104	COPY/MAIL	CPT	VB	P-1	P-4	P-2	P-2	
105	SUPERVISOR	CPT	VB	P-2	P-2	P-2	P-2	
106	CORRIDOR	PT	VB	P-2	P-2	P-2	P-2	
107	SERVICE MGR.	CPT	VB	P-2	P-2	P-2	P-2	
108	WOMEN	PT	VB	P-6	P-6	P-6	P-6	
109	MEN	PT	VB	P-6	P-6	P-6	P-6	
110	KITCHEN	PT	VB	P-2	P-2	P-2	P-2	
111	OFFICE	CPT	VB	P-2	P-2	P-2	P-2	
112	PROJECT MGR.	CPT	VB	P-2	P-2	P-2	P-2	
113	ESTIMATOR	CPT	VB	P-2	P-2	P-2	P-2	
114	SCOTT	CPT	VB	P-2	P-2	P-2	P-2	
115	STORAGE	VCT	VB	P-2	P-2	P-2	P-2	
116	WAREHOUSE	CONC	VB	P-2	P-2	P-2	P-2	PAINT GNB AND GNI WALLS ONLY
117	METAL SHOP	CONC	VB	P-2	P-2	P-2	P-2	PAINT GNB AND GNI WALLS ONLY
118	MEN/WOMEN	GMT	GB	P-6	P-6	P-6	P-6	
119	LOCKER	GMT	GB	P-1	P-1	P-1	P-1	PAINT ABOVE PERGLAS SHOWER UNIT
120	CONFERENCE	CPT	VB	P-2	P-2	P-2	P-2	
121	MECHANICAL	CONC	VB	P-2	P-2	P-2	P-2	
122	IT	VCT	VB	P-2	P-2	P-2	P-2	
123	STORAGE	CONC	VB	P-2	P-2	P-2	P-2	

- NOTES:
1. SEE INTERIOR ELEVATIONS FOR ADDITIONAL FINISH/COLOR INFORMATION.
2. SEAL ALL CONCRETE FLOORS IN WAREHOUSE, METAL SHOP, MECHANICAL, GYM AND STORAGE ROOMS.

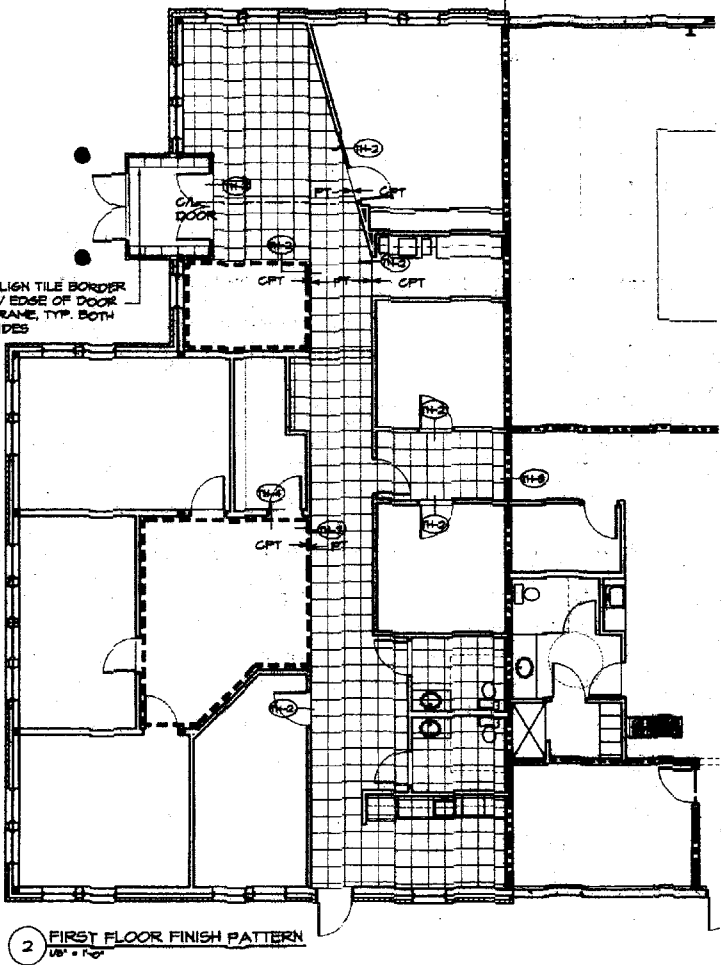
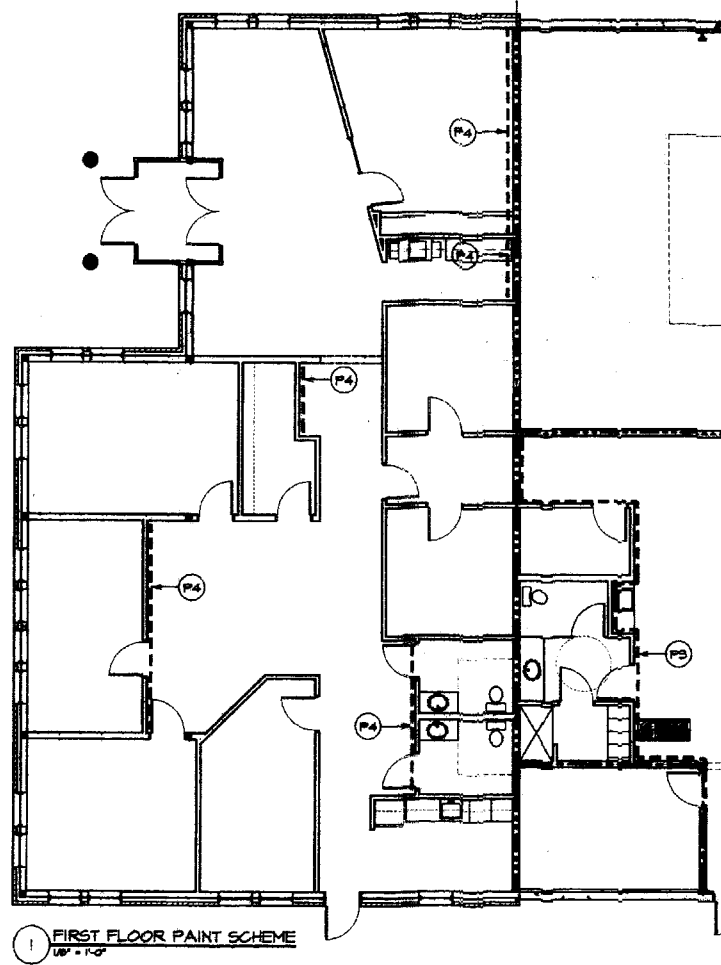
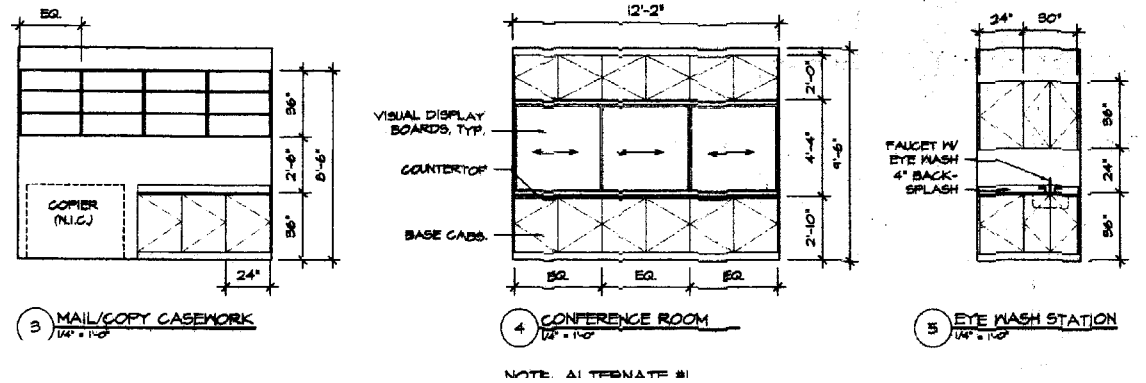
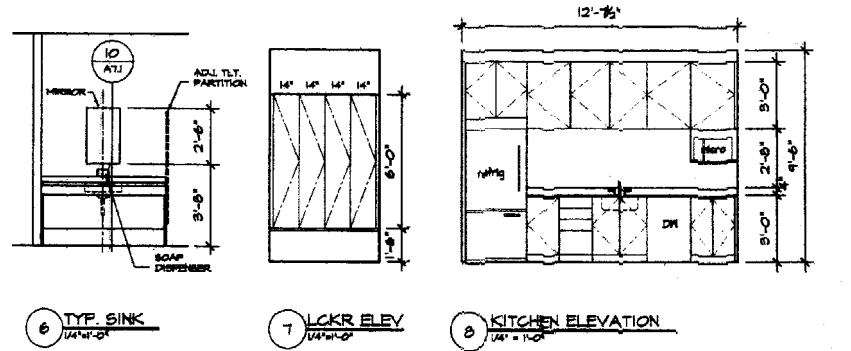
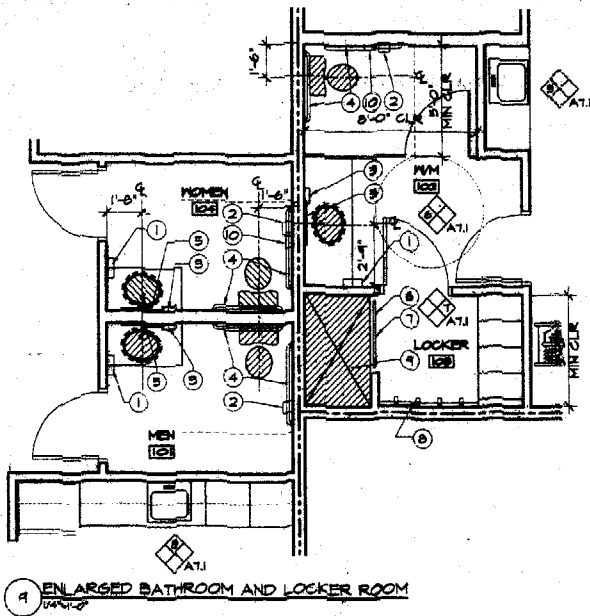
FLOOR TILE KEY:

PT1	- FIELD TILE
PT2	- ACCENT TILE

THRESHOLD KEY:

TH-1	RUBBER TO TILE
TH-2	CARPET/MAT TO TILE
TH-3	TILE TO CONCRETE
TH-4	CARPET TO VCT
TH-5	CARPET TO RUBBER
TH-6	CARPET TO CONCRETE

- PAINTING NOTES:
1. UNLESS NOTED OTHERWISE (U.N.O.), ALL WALLS TO BE PAINTED P2.
2. U.N.O., ALL H.M. DOORS & FRAMES TO BE PAINTED PB.
3. U.N.O., ALL HANDRAILS TO BE PAINTED PB.
4. U.N.O., ALL EXPOSED METAL OR DRYMALL @ CEILING TO BE PAINTED P1.
5. ACCENT WALL IMPLIES CORNER TO CORNER, FLOOR TO CEILING, COMPLETE COVERAGE.
6. U.N.O., ALL H.M. DOORS & FRAMES IN ACCENT WALLS TO BE PAINTED COLOR OF ACCENT WALL.



- REFERENCE DIVISION 3 FOR CONCRETE STRENGTH REQUIREMENTS AT 28 DAYS PER CAST TYPE.
- ALL INTERIOR 4" SLABS ON GRADE SHALL BE REINFORCED WITH 6 X 8 X W1 4 X W1 4 WELDED WIRE FABRIC OR ESH. ALL 5" SLABS ON GRADE SHALL BE REINFORCED WITH 6X8 W1 2 X W1 2 W W W UNLESS OTHERWISE NOTED. HAUNCH TO BE INSTALLED BENEATH METAL PRESS SHALL BE 6" IN DEPTH AND SHALL BE REINFORCED WITH #5 REBAR AT 12" O.C. SPACING EACH WAY.
- FOUNDATION WALL CONTROL JOINTS SHALL BE PLACED AT A MAXIMUM SPACING OF 6'-0". ALIGN FOUNDATION CONTROL JOINTS WITH EXTERIOR MASONRY VENEER JOINTS.
- SLAB ON GRADE AND ELEVATED SLAB CONTROL JOINTS SHALL BE PLACED AS FOLLOWS: AT 4' SLABS SPACE JOINTS 12'-0" (MAX.) ON CENTER EACH WAY; 5' AND 6' SLABS SPACE JOINTS 15'-0" (MAX.) ON CENTER EACH WAY. CONTROL JOINTS SHALL BE FILLED WITH SEALANT AT THE COMPLETION OF THE PROJECT.
- CONTRACTOR WILL CHECK WITH ALL TRADES TO ASSURE CORRECT LOCATION, SIZE, LINE AND ELEVATION OF ALL SLEEVES, ROUND-OUTS, ETC. REQUIRED IN CONCRETE FLOORS AND WALLS.
- ALL INTERSECTING CONCRETE WALLS SHALL BE TIED WITH #4 L BARS 3'-0" LONG (BENT 18" - 18"), SPACED AT 12" O.C. OUTSIDE FACE ONLY.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR FLOOR DRAIN SETTING FOR ELEVATION AND PLUMBNESS TO ASSURE COMPLETE AREA DRAINAGE.
- ALL FOOTINGS SHALL BEAR ON VIRGIN SOIL OR STRUCTURAL BACKFILL COMPACTED TO A UNIFORM 95% STANDARD DENSITY.
- ALL MECHANICAL EQUIPMENT RESTING ON THE CONCRETE FLOOR SLAB WILL HAVE A 4" HIGH CONCRETE PAD UNDERNEATH, REINFORCED WITH #3 BARS AT 18" O.C. EACH WAY.
- ALL STRUCTURAL STEEL BELOW FINISH FLOOR SHALL RECEIVE (2) COATS OF BITUMINOUS MASTIC.
- ADMIXTURES CONTAINING CALCIUM CHLORIDE SHALL NOT BE USED. CONCRETE SHALL NOT BE IN DIRECT CONTACT WITH ALUMINUM.
- PROVIDE IN ALL SLABS ON GRADE (2) BARS 4'-0" LONG AT EACH REINTEGRANT CORNER AND BOTH SIDES OF DOOR OPENINGS.
- FOUNDATION WALL REINFORCING WILL BE ADJUSTED AS REQUIRED NOT TO INTERFERE WITH BASE PLATE ANCHOR BOLTS.
- REFER TO ACI 318 (LATEST EDITION) FOR MINIMUM CONCRETE COVER FOR REINFORCING STEEL.
- UNLESS OTHERWISE NOTED, REINFORCING LAP SPLICES SHALL BE ACI CLASS B SPLICES USING THE FOLLOWING LAP LENGTHS:

BAR SIZE	3	4	5	6	7	8	9	10	11
LAP (L)	14	16	18	20	22	24	26	28	30

- COORDINATE SLAB DEPRESSIONS WITH ARCHITECTURAL DRAWINGS.
- DRILLED-IN ANCHOR BOLTS OR REBAR DOWELS SHALL BE INSTALLED AS FOLLOWS:
 - LOCATE ANCHOR BOLTS OR DOWELS TO AVOID CUTTING EXISTING REBAR.
 - DEPTH IS BASED ON A CLEAN HOLE WITH ROUGH SIDES. ROTARY PERCUSSION EQUIPMENT AND COLUMN ROCK CUTTING CHISELS ARE RECOMMENDED. DIAMOND CORE BITS SHOULD BE AVOIDED AS EMBEDMENT LENGTHS MAY NEED TO BE INCREASED. HOLE SIZE TO BE PER MANUFACTURER'S RECOMMENDATIONS.
 - CLEAN HOLES WITH COMPRESSED AIR OR VACUUM. REMOVE ANY FREE-STANDING WATER AND ALLOW HOLE TO DRY.
 - GROUT ANCHOR BOLTS OR DOWELS WITH HILTI HIT HY-150 ADHESIVE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. (HILTI HEA ADHESIVE CAPSULE MAY BE SUBSTITUTED FOR THE HILTI HIT HY-150 ADHESIVE.)

E3 FOUNDATION NOTES

- PORTIONS OF STEEL FRAMING TO RECEIVE FIREPROOFING SHALL BE SHIPPED UNPAINTED & UNPAINTED. REFER TO ARCHITECTURAL PLANS FOR LOCATIONS.
- MINIMUM LOADING REQUIREMENTS:
 - ROOF LOADS: (EXCEPT AT DRIFTING SNOW LOCATIONS AND THOSE LISTED BELOW)
 - LIVE (SNOW) LOAD: 80.0 P.S.F. (IMPORTANCE FACTOR = 1.0; EXPOSURE FACTOR = 1.0)
 - DEAD LOAD: 25.0 P.S.F.
 - DRIFTING SNOW MECHANICAL UNITS AND SPECIAL CONDITIONS:
 - SEE STRUCTURAL DRAWING SE-103 FOR DRIFTING SNOW LOAD DISTRIBUTION DIAGRAMS, WEIGHT AND LOCATION OF ROOF-TOP HVAC UNITS, AND SPECIAL CONDITION INFLUENCING THE DESIGN REQUIREMENTS OF THE STRUCTURAL SYSTEMS.
 - FLOOR LOADS:
 - OFFICE/CONFERENCE: LIVE 50 PSF DEAD 15 PSF
 - STORAGE ANBAR: LIVE 150 PSF DEAD 15 PSF
 - ADDITIONAL LIVE LOAD FOR OFFICE PARTITIONS: LIVE 20 PSF
- WIND LOADS:
 - FACTORS:
 - BASIC WIND SPEED: 100 MPH EXPOSURE CATEGORY: "B"
 - IMPORTANCE FACTOR: 1.0 AVERAGE BUILDING HEIGHT: 25'-4"
 - MINIMUM ROOF UPLIFT DESIGN LOADS:
 - FIELD: 17 PSF
 - PERIMETER (7' WIDE): 20 PSF
 - CORNERS (7' x 7'): 20 PSF
 - SEISMIC COEFFICIENTS:
 - RESPONSE SPECTRAL ACC. (0.2 sec) S_v = 0.300g
 - RESPONSE SPECTRAL ACC. (1.0 sec) S_v = 0.098g
 - SITE COEFFICIENTS: F₁ = 1.200; F₂ = 1.700
 - MAX. CONSIDERED EARTHQUAKE ACC @ 5% DAMPED DESIGN: S_{DS} = 0.285; S_{DS} = 0.111
 - BUILDING CATEGORY: II
 - SEISMIC USE GROUP: I
 - SEISMIC DESIGN CATEGORY FOR 0.1 AND 1.0 SECONDS: B

- STRUCTURAL/SEISMIC RESISTING SYSTEM:
- TYPICAL - BUILDING FRAME SYSTEM
 - ORDINARY STEEL MOMENT FRAMES:
 - RESPONSE MODIFICATION FACTOR (R) = 3
 - DEFLECTION AMPLIFICATION FACTOR (C2) = 3
 - ORDINARY STEEL CONCENTRICALLY BRACED FRAMES:
 - RESPONSE MODIFICATION FACTOR (R) = 5
 - DEFLECTION AMPLIFICATION FACTOR (C2) = 4
 - BEARING WALL SYSTEM
 - ORDINARY STEEL MOMENT FRAMES:
 - RESPONSE MODIFICATION FACTOR (R) = 3
 - DEFLECTION AMPLIFICATION FACTOR (C2) = 3
 - ALL STRUCTURAL STEEL BEAMS, COLUMNS SHALL CONFORM TO ASTM A992, F_y 60ksi ALL STEEL TUBE COLUMNS SHALL CONFORM TO ASTM A600 GRADE "B", F_y 46ksi ALL MISCELLANEOUS PLATES, SHAPES ANGLES ETC. SHALL CONFORM TO ASTM A36, F_y 36ksi.
 - ALL STRUCTURAL WOOD TO CONFORM TO THE LATEST NDS STANDARDS.
 - ALL PLYWOOD TO CONFORM TO THE LATEST PBS STANDARDS.
 - SEE ARCHITECTURAL WALL SECTIONS AND DETAILS FOR MISCELLANEOUS STEEL.
 - ALL STEEL BEAMS RESTING ON MASONRY WALLS SHALL HAVE BEARING PLATES AND (3) COURSES OF FILLED BLOCK UNDERNEATH.
 - PROVIDE AND INSTALL DOUBLE 2X8 HEADER AND RAIL FRAMING AROUND ALL ROOF PENETRATIONS. SEE MECHANICAL PLANS AND DETAILS AND ROOF PLANS AND DETAILS.
 - STEEL ROOF DECK AND FASTENING REQUIREMENTS SHALL BE AS SPECIFIED IN DIVISION 5 OF THE SPECIFICATIONS.
 - ALL BASE PLATE ANCHOR BOLTS IN NEW CONSTRUCTION WILL BE 3/4" @ 4'-0" WITH A MINIMUM OF 2" EMBEDMENT, AND A STANDARD 3" HOOK UNLESS OTHERWISE NOTED. SEE SB-500C1 FOR SPECIAL EMBEDMENT DETAIL IN BRICK SHELF AREAS.
 - ALL SILL PLATES SHALL BE FASTENED TO FOUNDATION WITH 1/2" ANCHOR BOLTS AT 4'-0" O.C. UNLESS OTHERWISE NOTED.
 - AT LOCATIONS BETWEEN SUPPORTS, PROVIDE 3/8" W x 8" STIFFENERS (UNLESS OTHERWISE NOTED) ON BOTH SIDES OF STEEL BEAMS AT ALL LOCATIONS WHERE STEEL BEAM SUPPORT COLUMNS ABOVE.
 - ALL STEEL TUBE, PIPE, OR STRUCTURAL STEEL COLUMNS SUPPORTED BY A STEEL BEAM SHALL HAVE BASE PLATES WELDED TO THE BEAM ON ALL SIDES.
 - SPECIAL INSPECTIONS: AN INDEPENDENT INSPECTIONS PROGRAM AND SCHEDULE SHALL BE ARRANGED BY THE BUILDING OWNER AND THE STRUCTURAL ENGINEER OF RECORD.
 - A QUALIFIED PERSON APPROVED BY THE BUILDING OFFICIALS SHALL MAKE SPECIAL INSPECTIONS IN ACCORDANCE WITH CHAPTER 17 OF THE 2009 AND AS DEFINED. SPECIAL INSPECTOR SHALL OBSERVE WORK FOR CONFORMANCE WITH THE APPROVED DRAWINGS AND SPECIFICATIONS.
 - INSPECTION REPORTS SHALL BE FURNISHED TO THE OWNER, BUILDING OFFICIAL, ARCHITECT AND SER. INSPECTIONS SHALL BE BROUGHT TO THE ATTENTION OF THE CONTRACTOR AND IF NOT CORRECTED, SHALL BE REPORTED TO THE OWNER, BUILDING OFFICIAL, ARCHITECT AND SER.
 - THE FOLLOWING TYPES OF WORK SHALL RECEIVE SPECIAL INSPECTION OVERSITE: INSTALLATION OF HIGH STRENGTH BOLTS, WELDING, STRUCTURAL FRAME AND DETAIL INSTALLATION OF REINFORCING STEEL, CONCRETE PLACEMENT, STRUCTURAL FILL PLACEMENT, AND FABRICATION PROCESSES OF COLD METAL FRAMING ELEMENTS AND ASSEMBLIES.
 - SITE PREPARATION FOR THE FOUNDATION SHALL BE IN ACCORDANCE WITH THE OWNER SUPPLIED GEOTECHNICAL REPORT AND RECOMMENDATIONS. REFERENCE SAME REPORT FOR ALL UNDERSLAB AND PERIMETER DRAINAGE PIPING REQUIREMENTS.

A3 STRUCTURAL NOTES

- ALL WORK SHALL BE DONE IN COMPLIANCE IBC-2003 WITH RHODE ISLAND SUPPLEMENTAL.
- ALL WORK SHALL BE DONE IN AN ORDERLY AND PROFESSIONAL MANNER. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL WORK TO BE DONE BY SUBCONTRACTORS, LOCAL AUTHORITIES, STATE AGENCIES AND/OR UTILITY COMPANIES WHICH MAY HAVE JURISDICTION OVER THE PROJECT.
- THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING, HANDLING, AND STORAGE OF ALL ITEMS/MATERIALS TO REMAIN THE PROPERTY OF THE OWNER WITH THE OWNER'S REPRESENTATIVE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MEANS AND METHODS AND ALL TEMPORARY SHORING, PRECAUTIONS DURING BUILDING OPERATIONS, PROTECTION OF PUBLIC AND WORKERS REMOVAL OF WASTE MATERIAL, PROTECTION OF ADJACENT PROPERTY, PROTECTION OF HAZARDOUS OPENINGS, SAFETY PRECAUTIONS, AND SANITARY PROVISIONS OF EMPLOYEES AND SUBCONTRACTORS AS REQUIRED FOR THE DURATION OF THE CONTRACT.
- STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH THE ARCHITECTURAL, HVAC, PLUMBING, ELECTRICAL, CIVIL SITE DRAWINGS AND MATERIAL SPECIFICATIONS. THESE DRAWINGS SHALL BE REFERRED TO FOR SIZE AND LOCATIONS OF OPENINGS, VENTS, PIPES, INSERTS, HANGERS, ETC...
- THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS TO THE STRUCTURAL ENGINEER OF RECORD (SER) AND RECEIVE APPROVAL PRIOR TO FABRICATION AND ERECTION OF MATERIALS. THE DETAILS OF ALL WORK IS PART OF THE CONTRACT AND SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF THE CODES SPECIFIED.
- REPRODUCTION OF STRUCTURAL DRAWINGS FOR SHOP DRAWINGS IS NOT PERMITTED. ELECTRONIC DRAWINGS WILL NOT BE PROVIDED TO THE CONTRACTOR UNLESS THE SER IS COMPENSATED FOR THE FILES.
- ALL WORK SHALL REQUIRE ADHERENCE TO THE REQUIREMENTS OF ASTM DESIGNATION E-309 ENTITLED "RECOMMENDED PRACTICE FOR INSPECTION AND TESTING AGENCIES FOR CONCRETE AND STEEL USED IN CONSTRUCTION".

F7 GENERAL NOTES

- EXCAVATION AND GRADING - INCLUDES THE REMOVAL OF BELOW-GRADE BORROW AND MISCELLANEOUS MATERIALS FOR THE INSTALLATION OF PIPING AND OTHER SUBSURFACE STORMWATER FACILITIES INDICATED ON THE DRAWING.
- CONTRACTOR TO PROTECT ALL FEATURES INDICATED NOT TO BE DISTURBED DURING CONSTRUCTION.
 - CONTRACTOR SHALL PROTECT EXISTING STRUCTURES INCLUDING, BUT NOT LIMITED TO, BUILDINGS, FOUNDATIONS, FOOTINGS, FENCES, ROADS, PAVING, ETC. CONTRACTOR SHALL REPLACE/REPAIR DAMAGES TO THE OWNER'S SATISFACTION AT NO ADDITIONAL COST TO THE OWNER.
 - CONTRACTOR SHALL PROVIDE BRACING OF SOILS SUPPORTING EXISTING STRUCTURES TO PREVENT AGAINST LOSS OF SUPPORT.
 - CONTRACTOR TO IDENTIFY AND PROTECT ABOVE AND BELOW-GROUND UTILITIES WHICH ARE NOT TO BE DISTURBED.
 - CONTRACTOR SHALL PROTECT BENCH MARKS, SURVEY REFERENCE MARKS, AND PROPERTY CORNERS.
 - CONTRACTOR SHALL COMPLY WITH ALL CITY, STATE AND FEDERAL REGULATIONS FOR THE DISPOSAL OF EXCAVATED MATERIALS.
 - NOTIFY OWNER IMMEDIATELY IF ROCK IS ENCOUNTERED. DO NOT PROCEED WITH ROCK EXCAVATION UNTIL AUTHORIZED BY THE OWNER.
- BACKFILLING AND COMPACTION - INCLUDES THE INSTALLATION OF SUBGRADE AND FINISH GRADE MATERIAL, FILL AND THE COMPACTION THEREOF.
- ORDINARY FILL: NATIVE OR IMPORTED MATERIAL, WELL-GRADED, FREE OF ORGANIC MATERIAL AND FOREIGN MATTER HAVING A DRY DENSITY NOT LESS THAN 115 POUNDS PER CUBIC FOOT. ON-SITE EXCAVATION MATERIAL MEETING THE ABOVE MAY BE USED.
 - DRAINAGE FILL: WASHED, EVENLY-GRADED MIXTURE OF CRUSHED STONE, OR CRUSHED/UNCRUSHED GRAVEL WITH 100 PERCENT PASSING A 1-1/2 INCH SIEVE AND NOT MORE THAN 5 PERCENT PASSING A No. 4 SIEVE.
 - PROOF COMPACT THE BOTTOM OF THE EXCAVATION BY MAKING (2) PASSES WITH A VIBRATORY PLATE COMPACTOR PRIOR TO THE INSTALLATION OF DRAINAGE PIPING.
 - COMPACT EITHER ORDINARY OR DRAINAGE FILL IN CONTINUOUS LAYERS NOT EXCEEDING EIGHT (8) INCH LIFTS. CONTRACTOR TO MAINTAIN OPTIMUM MOISTURE CONDITIONS TO ENSURE COMPACTION TO 95 PERCENT MAXIMUM DRY DENSITY. (REFER TO ASTM D998 FOR COMPACTION PROCEDURES)
 - FILTER FABRIC: USE MINAP 140 NS NON-ORGANIC FILTER FABRIC. INSTALL CONTINUOUSLY ALONG LENGTH OF DRAINAGE PIPING INSTALLATIONS. LAP MATERIAL A MINIMUM OF 12 INCHES AT ALL SPLICES AND JOINTS.
- DRAINAGE PIPING - INCLUDES THE INSTALLATION OF PERFORATED AND NON-PERFORATED PVC DRAINAGE PIPE FOR SUBSURFACE STORMWATER TRANSPORT. REFER TO OWNER PROVIDED GEOTECHNICAL REPORT FOR SUBSURFACE REQUIREMENTS.
- PIPING TO BE ADS BRAND M-12 OR ENGINEER-APPROVED EQUAL RIGID PVC PIPE OR POLYETHYLENE PIPE.
 - CONTRACTOR TO PROVIDE ALL FITTINGS, COUPLINGS, ETC. FOR A COMPLETE INSTALLATION.

D7 SITE NOTES

- THE EXCAVATION AND EARTHWORK SHALL ONLY EXPOSE THE MINIMUM AMOUNT OF SOIL NEEDED TO PROMOTE THE EFFICIENT AND PROGRESSIVE SITE CONSTRUCTION.
 - THE CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION OF HAY BALES AND SILT FENCE BARRIERS AS REQUIRED TO PROTECT WATER COURSES AND DOWNSLOPE AREAS. THE SILT FENCE AND HAY BALE BARRIERS SHALL BE LOCATED ON THE DOWN GRADIENT OF THE EARTHWORK OPERATION AS INDICATED ON THE DRAWINGS OR AS REQUIRED BY STATE REGULATIONS.
 - ON-SITE TOPSOIL REMOVED DURING CONSTRUCTION AND STOCKPILED FOR LATER USE SHALL BE SEEDED, MULCHED, SECURED AND PROTECTED BY SILT FENCE BARRIERS.
 - THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS PRIOR TO STARTING WORK AND SHALL NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES DUE TO SITE CONDITIONS.
 - THE CONTRACTOR SHALL COMPLY WITH MAINE DIG SAFE REQUIREMENTS.
- INSTALL FOR ALL OPENINGS AND PENETRATIONS IN 4 INCH VENEER WALLS UP TO 3'-11" WIDE (UNLESS OTHERWISE NOTED), 4X3 1/2X 1/4" STEEL ANGLE LINTEL. FOR ALL OPENINGS AND PENETRATIONS BETWEEN 4'-0" AND 8'-0" WIDE (UNLESS OTHERWISE NOTED) (1) 6X3 1/2X 5/16" STEEL ANGLE LINTEL.
 - ALL CONCRETE MASONRY OR BRICK LINTELS SHALL HAVE 12" (MIN) END BEARING UNLESS OTHERWISE NOTED.
 - PROVIDE VERTICAL CONTROL, EXPANSION OR CONTRACTION JOINTS SPACED AT 19'-0" O.C. (MAX) AND LOCATE JOINTS AT EACH SIDE OF DOOR OPENINGS WHERE POSSIBLE CONTROL JOINTS FOR ALL EXTERIOR MASONRY WALLS WILL BE AS INDICATED IN THIS NOTE OR AS SHOWN ON EXTERIOR ELEVATIONS.
 - LAY UNITS IN RUNNING BOND/CORNERS SHALL HAVE A STANDARD BOND BY OVERLAPPING UNITS.
 - MORTAR: TYPE B.
 - WET MASONRY WALLS THOROUGHLY FOR 3 CONSECUTIVE DAYS IMMEDIATELY AFTER PLACEMENT IF TEMPERATURES ARE WILL BE ABOVE 80°F DURING THE DAY.
 - NO EXPANSION BOLTS WILL BE ALLOWED IN MASONRY WALLS. (CHEMICAL ANCHORS ONLY)
 - MASONRY LAID IN OUTSIDE AIR TEMPERATURES BELOW 40°F SHALL BE PROTECTED IN ACCORDANCE WITH THE PROVISIONS OF THE "MAIWC RECOMMENDED PRACTICES AND GUIDE SPECIFICATIONS FOR COLD WEATHER MASONRY".
 - ALL MASONRY BLOCK CORES BELOW FINISH FLOOR SHALL BE FILLED SOLID WITH CONCRETE.

G7 MASONRY NOTES

MINIMUM WALL REINFORCING SCHEDULE

Wall Thickness	Number of Rows	Horizontal	Vertical
8"	1 @ mid wall	#4 @ 12"	#4 @ 18"
10"	1 @ mid wall	#4 @ 10"	#4 @ 15"
12"	2	#4 @ 15"	#4 @ 15"
14"	2	#4 @ 14"	#4 @ 15"
16"	2	#4 @ 12"	#4 @ 15"
18"	2	#4 @ 10"	#4 @ 15"
20"	2	#5 @ 14"	#5 @ 15"

NOTE: TABLE TO BE USED WHEN REINFORCING HAS NOT BEEN NOTED ON PLANS.

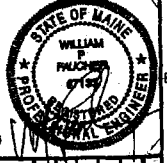
COLUMN SCHEDULE

TYPE	SIZE
C-1	12SS 4x4x1/4
C-2	12SS 5x5x1/8
C-3	12SS 6x6x3/8
C-4	W10x49

FOOTING SCHEDULE

TYPE	SIZE	THICKNESS	REINFORCING
F-1	4'-0" X 4'-0"	12"	8-#4 E.W. BOTTOM
F-2	5'-0" X 5'-0"	12"	7-#4 E.W. BOTTOM
F-3	6'-0" X 6'-0"	12"	8-#4 E.W. BOTTOM
F-4	7'-0" X 7'-0"	12"	8-#6 E.W. BOTTOM
F-5	7'-0" X 7'-0"	12"	8-#6 E.W.; T&B
F-6	10'-0" X 10'-0"	12"	8-#4 E.W.; T&B
F-7	10'-0" X 10'-0"	15"	9-#6 E.W.; T&B
F-8	12'-0" X 12'-0"	15"	10-#6 E.W.; T&B

A1 SCHEDULES



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REVISIONS

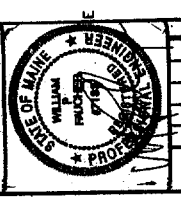
NO.	DATE	BY	DESCRIPTION

Date: 8/9/2008
Drawn By: PED
Checked By: WJF
Project Mgr: WJF
Project No: 08029
Cad File: 08029.dwg
Graphic: 0
Scale: 1"

NOTES AND SCHEDULES
DELTA ROOFING
PORTLAND, MAINE

ISSUED FOR CONSTRUCTION

S-000

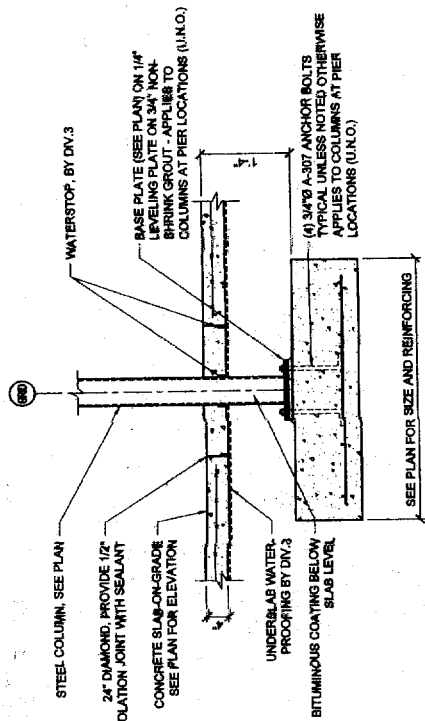


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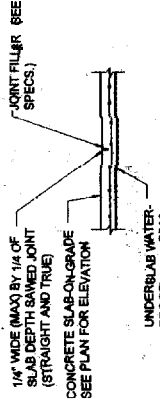
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Portland, Maine	

NOTES AND MISC. DETAILS

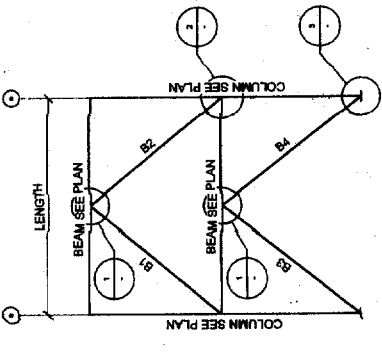
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5 TYPICAL INTERIOR SPREAD FOOTING DETAIL



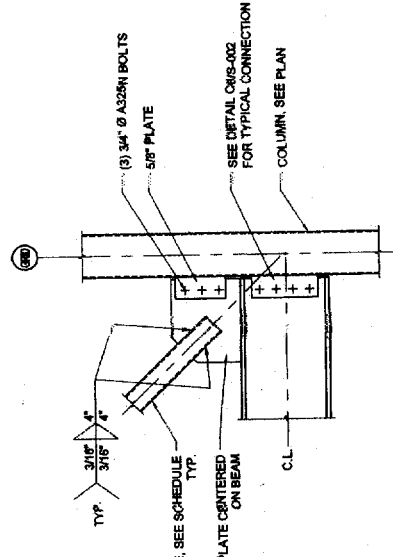
6 TYPICAL SLAB CONTROL JOINT DETAIL



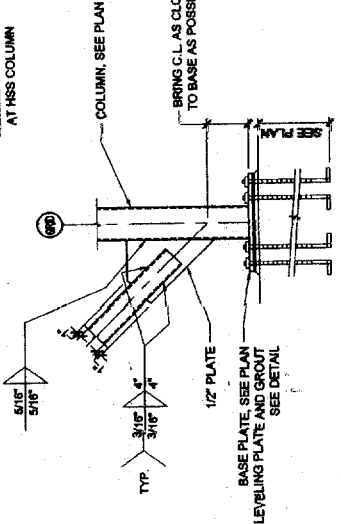
BRACED FRAME SCHEMATIC

LOCATION	BR-1	BR-2	BR-3	BR-4	BR-5	BR-6	BR-7	BR-8	BR-9	BR-10	BR-11	BR-12	C.M.A. - C.M.A.
LENGTH	20'-7"	20'-7"	20'-7"	20'-7"	20'-7"	20'-7"	20'-7"	20'-7"	20'-7"	20'-7"	20'-7"	20'-7"	24'-0" 1/2"
BR-1	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14
BR-2	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14
BR-3	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14
BR-4	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14
BR-5	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14
BR-6	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14
BR-7	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14
BR-8	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14
BR-9	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14
BR-10	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14
BR-11	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14
BR-12	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14	HSS 24x14

DETAIL - 1

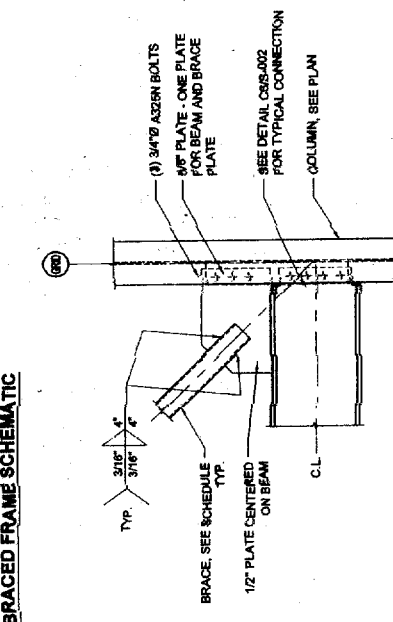


DETAIL - 2



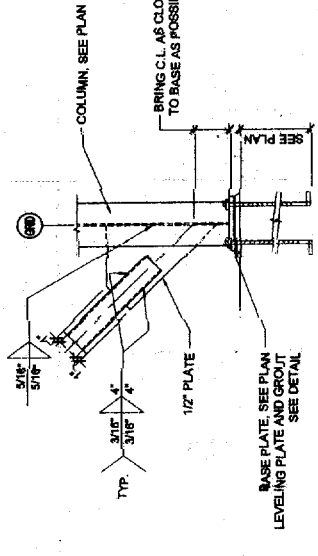
DETAIL - 3

AT HSS COLUMN



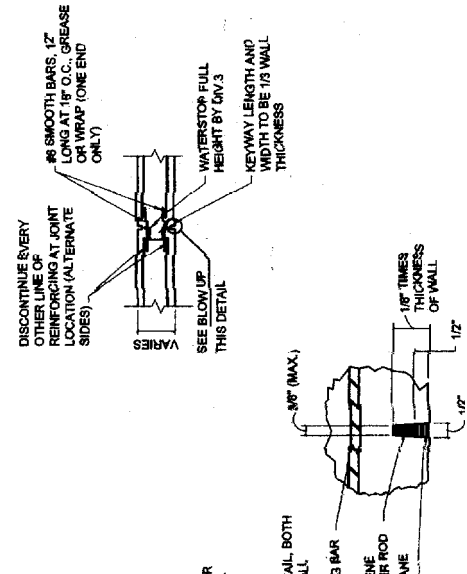
DETAIL - 2

AT WIDE FLANGE COLUMN

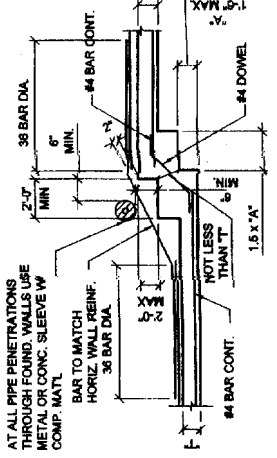


DETAIL - 3

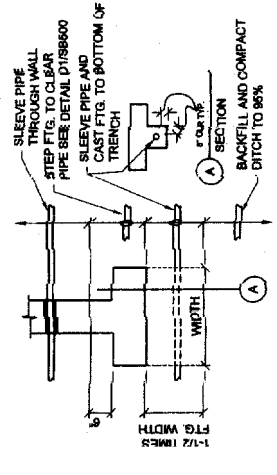
AT WIDE FLANGE COLUMN



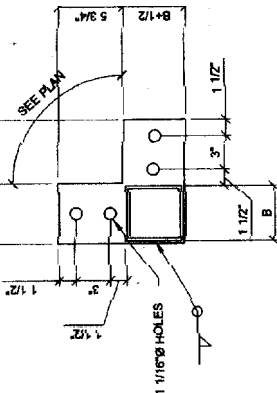
WALL AND SLAB



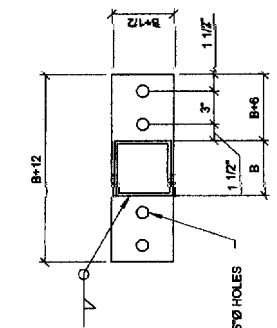
D1 TYPICAL STEPPED FOOTING DETAIL



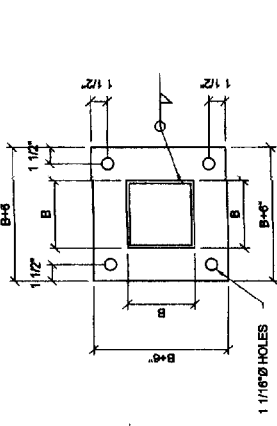
D3 TYPICAL PIPE AT FOOTING DETAIL



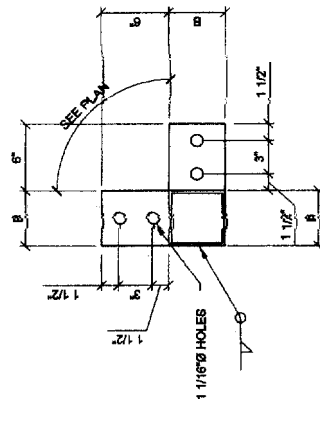
TYPE "1" BASE PLATE



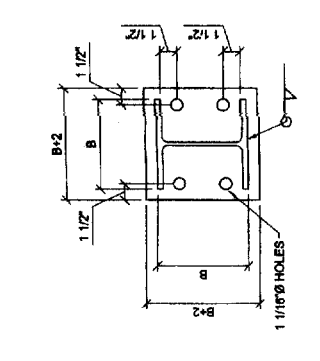
TYPE "2" BASE PLATE



TYPE "3" BASE PLATE



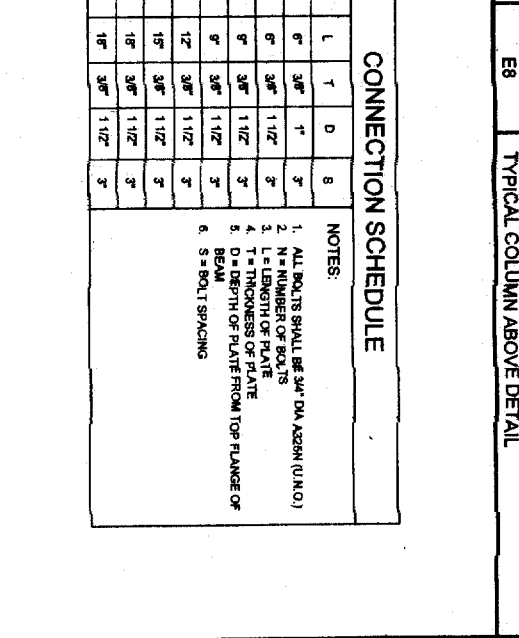
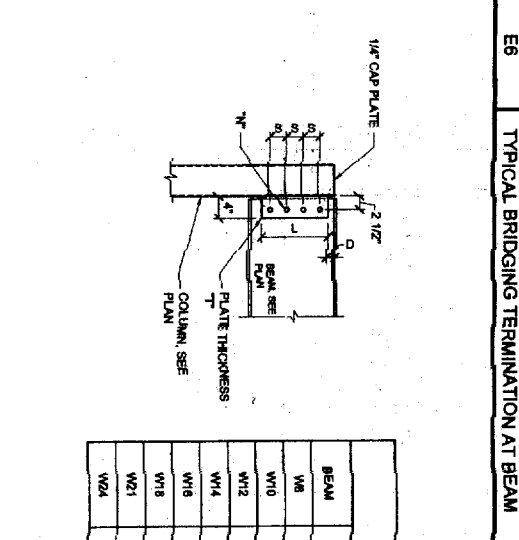
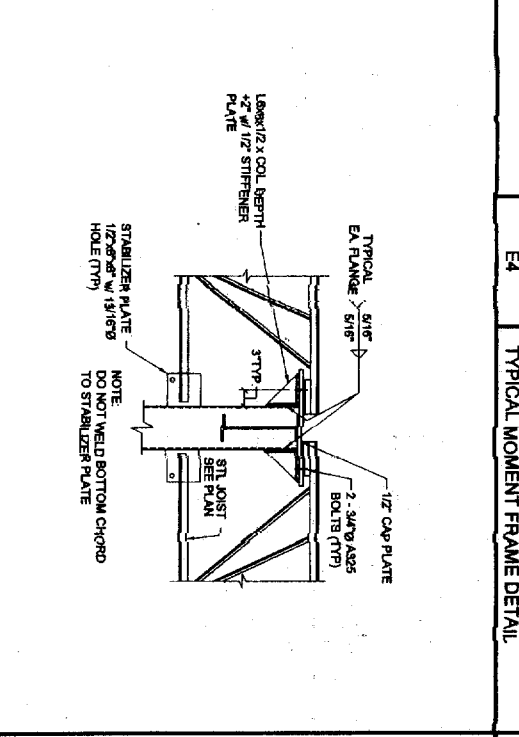
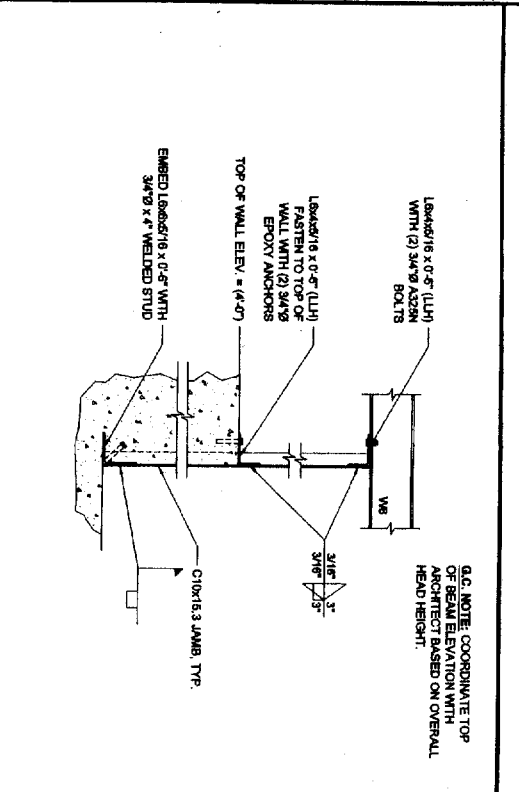
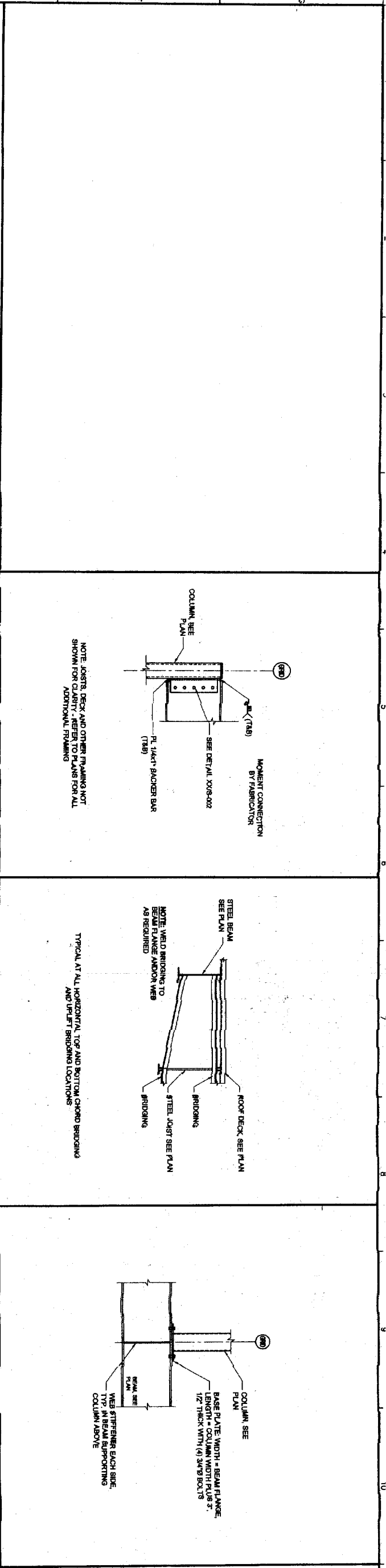
TYPE "4" BASE PLATE



TYPE "5" BASE PLATE

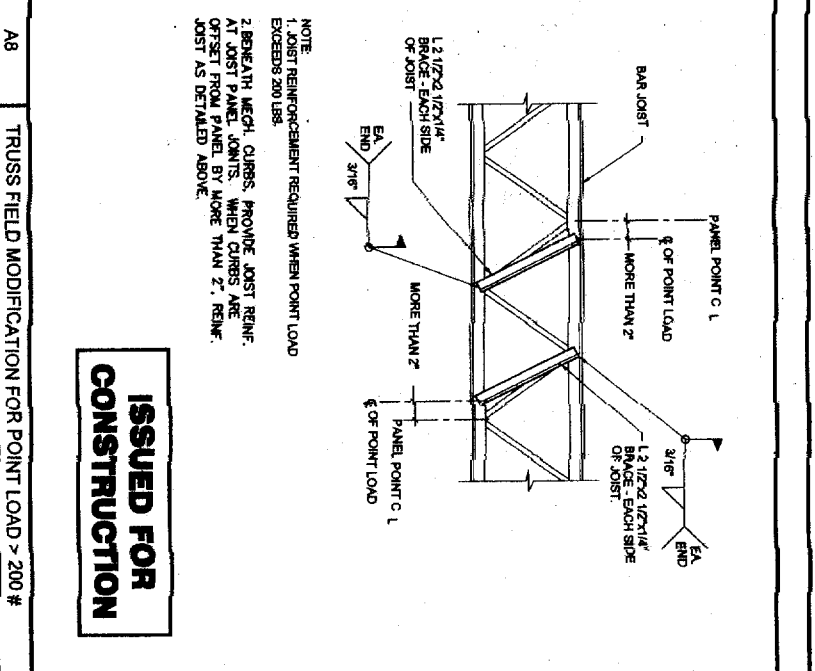
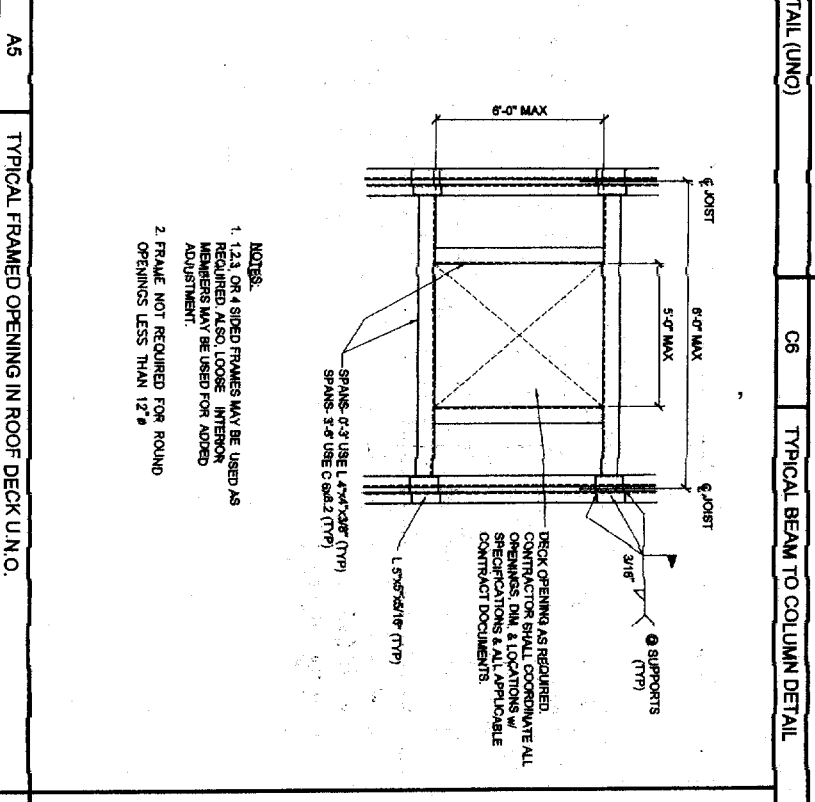
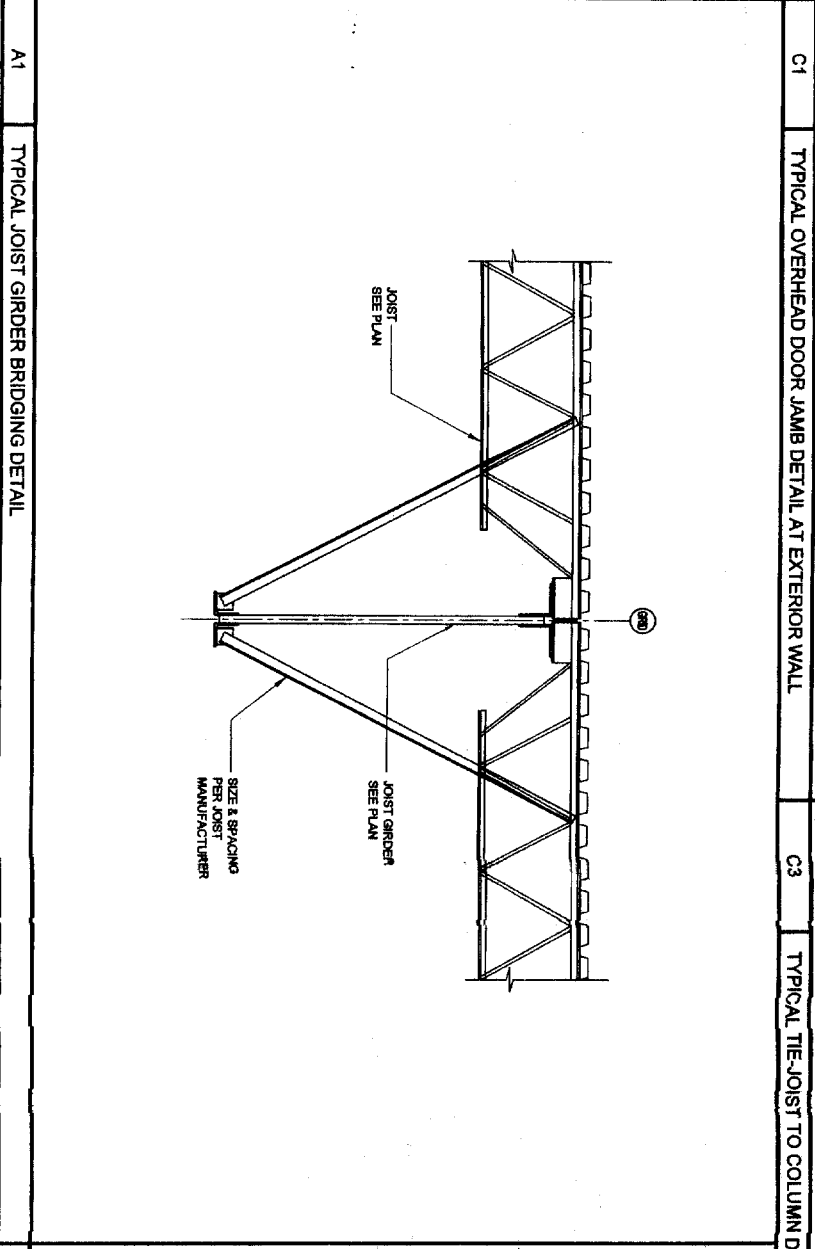
BASE PLATE THICKNESS:
A = 1/2"
B = 5/8"
C = 3/4"
D = 7/8"

NOTE: PROVIDE (4) 3/4" A325N ANCHOR BOLTS W/ 5/8" EMBEDMENT AND A 3" LEG TYP. FOR EACH BASE PLATE (U.N.O.)



CONNECTION SCHEDULE						
BEAM	N	L	T	D	8	5
W8	2	6"	3/8"	1"	5"	5"
W10	2	6"	3/8"	1 1/2"	5"	5"
W12	3	6"	3/8"	1 1/2"	5"	5"
W14	3	6"	3/8"	1 1/2"	5"	5"
W16	4	12"	3/8"	1 1/2"	5"	5"
W18	5	15"	3/8"	1 1/2"	5"	5"
W21	6	15"	3/8"	1 1/2"	5"	5"
W24	6	15"	3/8"	1 1/2"	5"	5"

NOTES:
 1. ALL BOLTS SHALL BE 3/4" DIA A325N (U.N.C.)
 2. L = NUMBER OF BOLTS
 3. T = THICKNESS OF PLATE
 4. D = DEPTH OF PLATE FROM TOP FLANGE OF BEAM
 5. 8 = BOLT SPACING



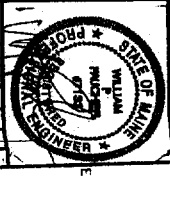
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TYPICAL MISC. DETAILS

DELTA ROOFING
 PORTLAND, MAINE

Date: 08/09/2006
 Drawn By: PED
 Checked By: WPF
 Project Mgr: WPF
 Project No: 06029
 Cad File: 0602950.dwg
 Graphic Scale: 0 1'

REVISIONS				
NUMBER	DATE	BY	DESCRIPTION	

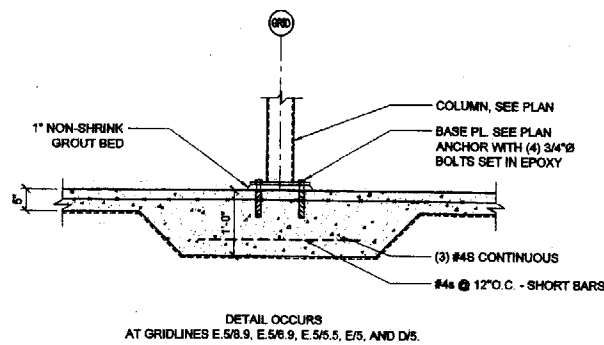


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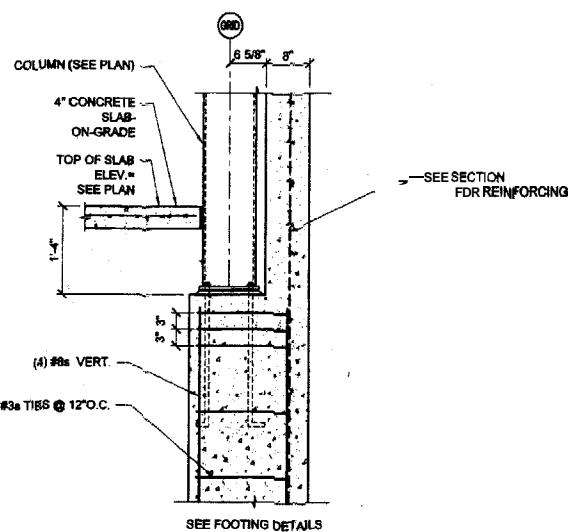
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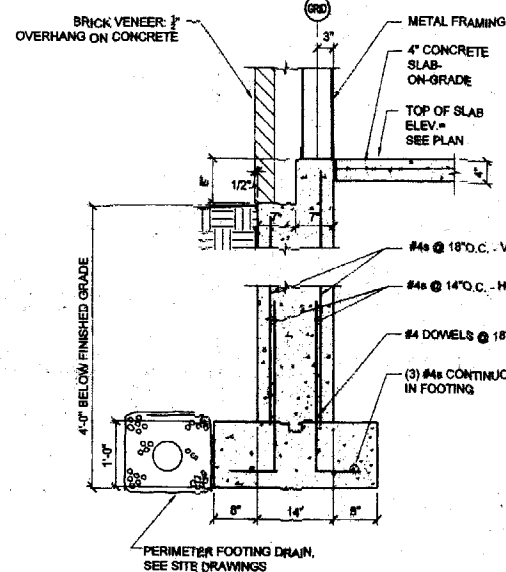
E1
3/4"=1'-0"

DETAIL



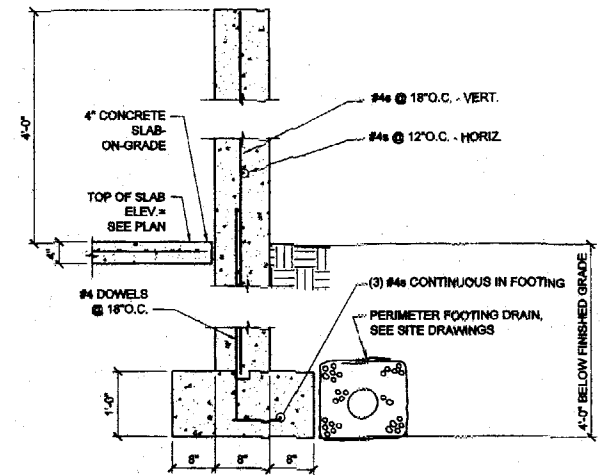
E3
3/4"=1'-0"

DETAIL



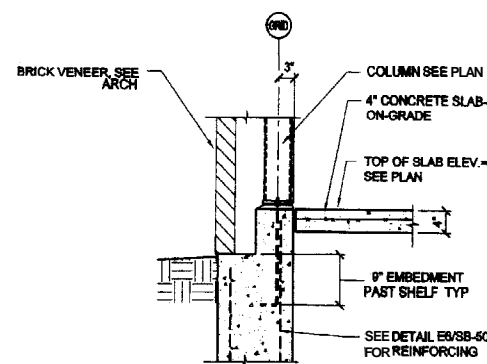
E6
3/4"=1'-0"

TYPICAL FOUNDATION WALL DETAIL



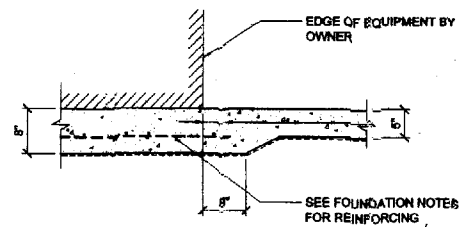
E8
3/4"=1'-0"

8" FDN WALL DETAIL AT WAREHOUSE



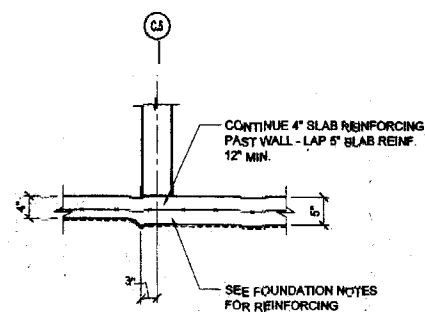
C1
3/4"=1'-0"

TYPICAL ANCHOR BOLT EMBEDMENT AT SHELF LOCATIONS



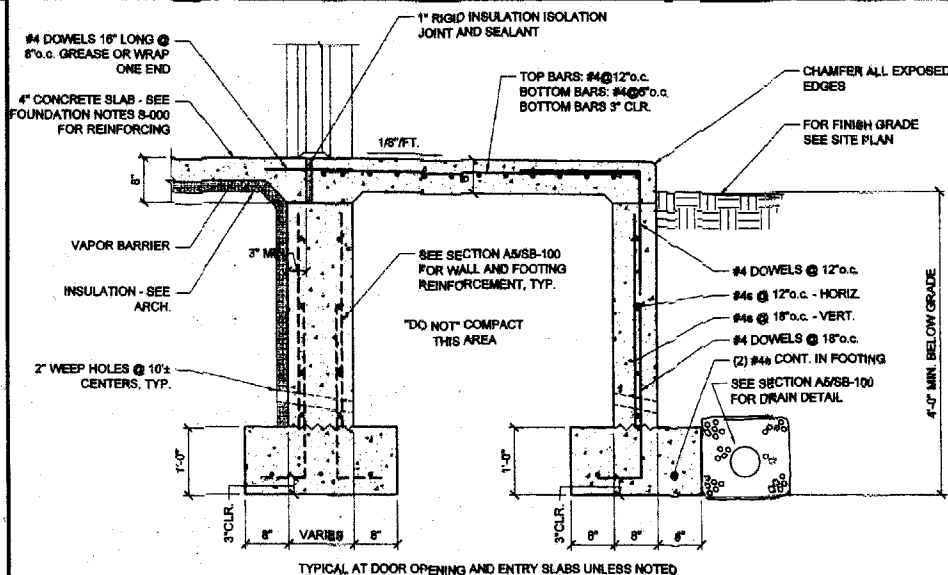
C3
3/4"=1'-0"

DETAIL



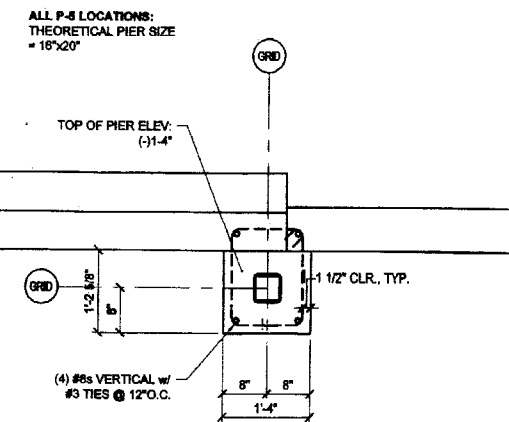
C5
3/4"=1'-0"

DETAIL



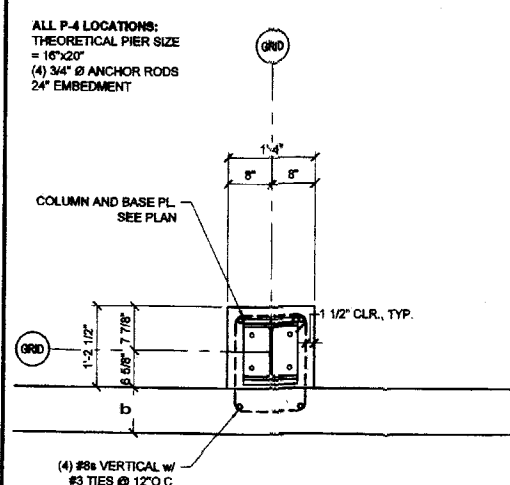
C7
3/4"=1'-0"

DETAIL



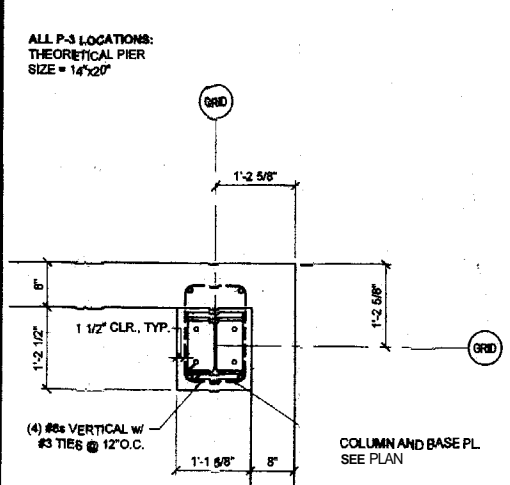
A1
3/4"=1'-0"

PLAN VIEW DETAIL OF PIER P-5 SEE DRAWING SB-100 FOR LOCATIONS



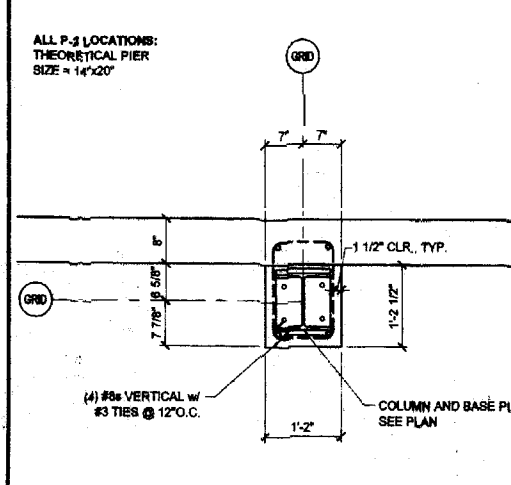
A3
3/4"=1'-0"

PLAN VIEW DETAIL OF PIER P-4 SEE DRAWING SB-100 FOR LOCATIONS



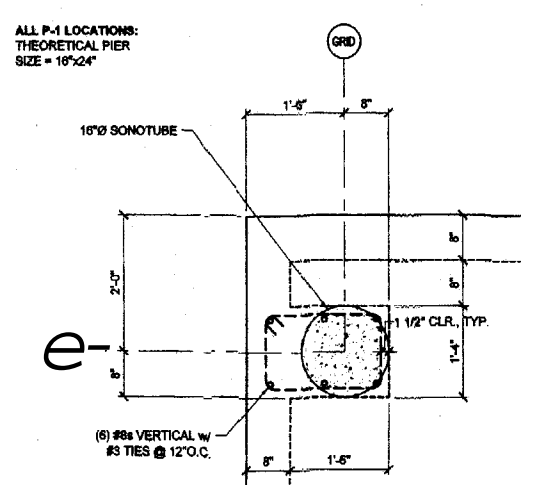
A5
3/4"=1'-0"

PLAN VIEW DETAIL OF PIER P-3 SEE DRAWING SB-100 FOR LOCATIONS



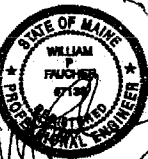
A7
3/4"=1'-0"

PLAN VIEW DETAIL OF PIER P-2 SEE DRAWING SB-100 FOR LOCATIONS



A9
3/4"=1'-0"

PLAN VIEW DETAIL OF PIER P-1 SEE DRAWING SB-100 FOR LOCATIONS



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NO.	REVISIONS	DATE	BY	DESCRIPTION

FOUNDATION DETAILS
DELTA ROOFING
PORTLAND, MAINE

SB-500

Date: 08/09/2008
 Drawn By: PED
 Checked By: WFF
 Project Mgr: WFF
 Project No: 06029
 Cad File: 06029F-ROOF.dwg
 Graphic Scale: 1"=1'-0"
 NCP:\projects\2106080829 - Delta Roofing Warehouse_Office\Bldg200 Drawing Files -current CAD Files\06029SB.dwg Aug 09, 2008 - 9:57am

DELTA ROOFING
SECOND FLOOR AND LOW
ROOF FRAMING PLAN

PORTLAND, MAINE

NUMBER	DATE	BY	DESCRIPTION

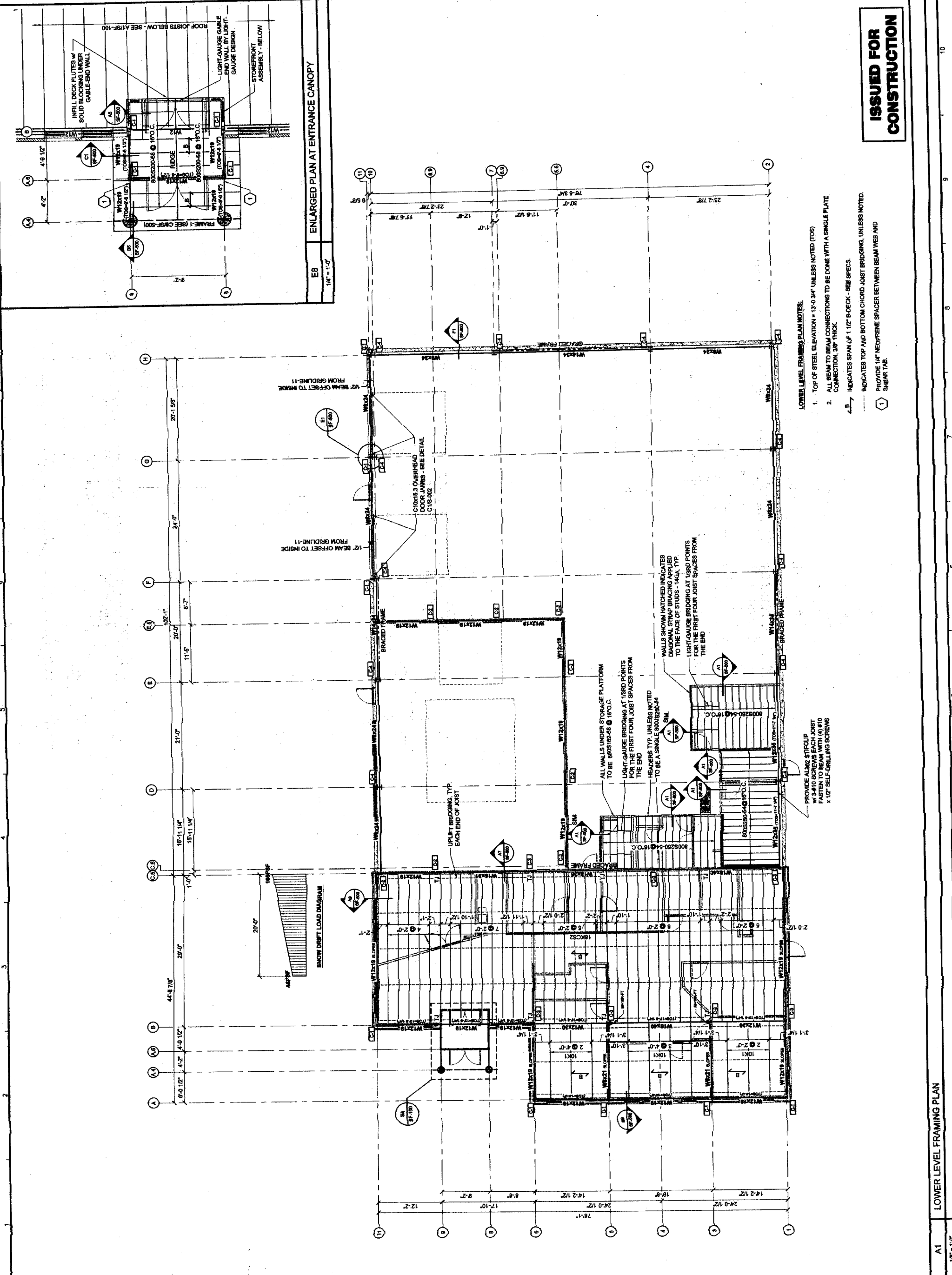
REVISIONS



Allied Engineering
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**ISSUED FOR
CONSTRUCTION**

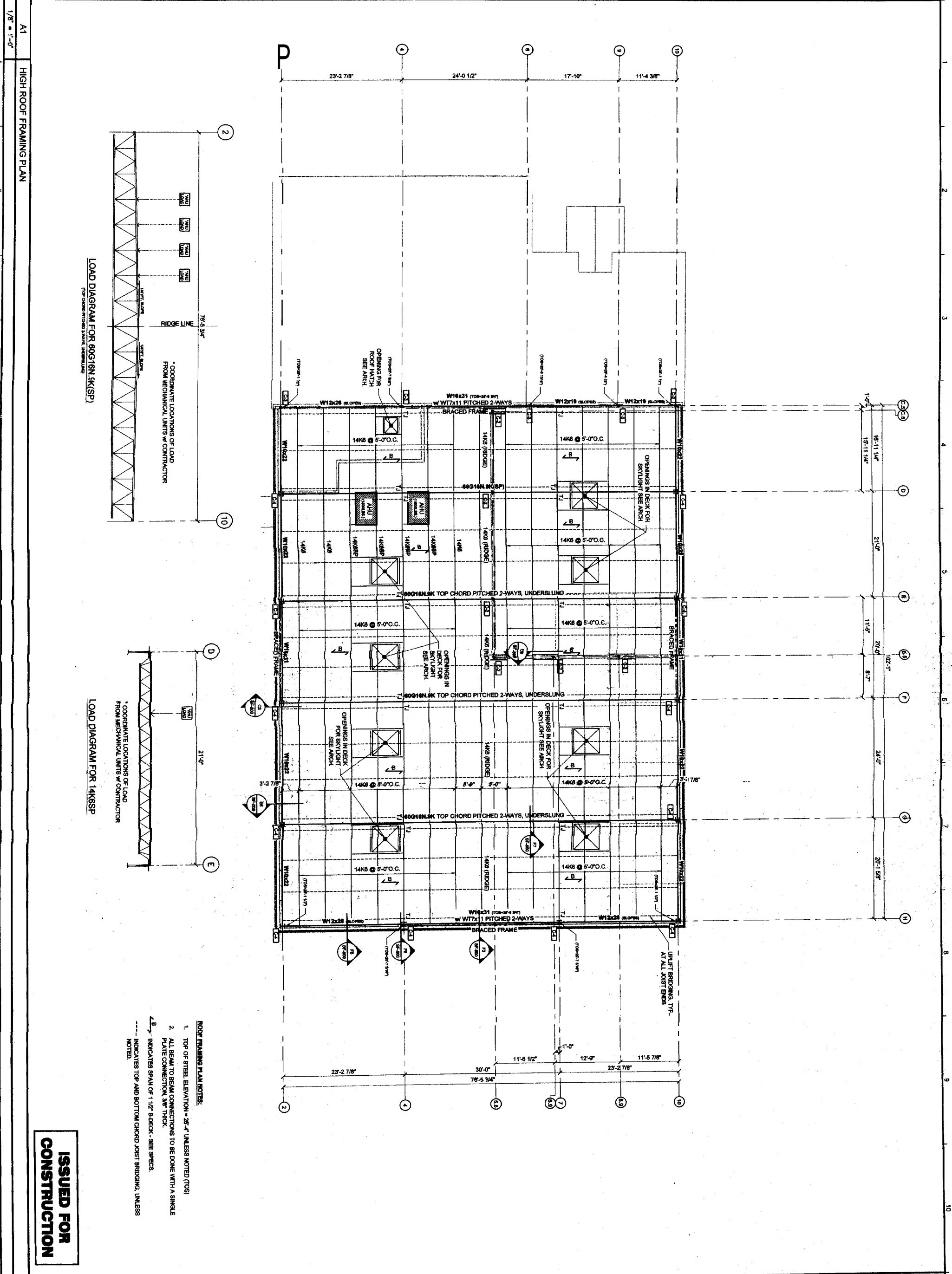
- LOWER LEVEL FRAMING PLAN NOTES:**
1. TOP OF STEEL ELEVATION = 19'-0 3/4" UNLESS NOTED (TOS)
 2. ALL BEAM TO BEAM CONNECTIONS TO BE DONE WITH A SINGLE PLATE CONNECTION, 3/8" THICK
 - 4-B INDICATES SPAN OF 1 1/2" B-DECK - SEE SPECS.
 - INDICATES TOP AND BOTTOM CHORD JOIST BRIDGING, UNLESS NOTED.
 - PROVIDE 1/4" NEOPRENE SPACER BETWEEN BEAM WEB AND SHEAR TAB.



ENLARGED PLAN AT ENTRANCE CANOPY

EB
1/4" = 1'-0"

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LOAD DIAGRAM FOR 60G16N (SKSP)

LOAD DIAGRAM FOR 14K6SP

- ROOF FRAMING PLAN NOTES:**
1. TOP OF STEEL ELEVATION = 28'-4" UNLESS NOTED (TOS)
 2. ALL BEAM TO BEAM CONNECTIONS TO BE DONE WITH A SINGLE PLATE CONNECTION, SEE TRICK
 - 4/B INDICATES SPAN OF 1/2" DECK - SEE SPECS.
 - INDICATES TOP AND BOTTOM CHORD JOIST BRIDGING, UNLESS NOTED

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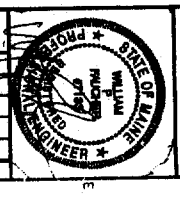
HIGH ROOF FRAMING PLAN

DELTA ROOFING
PORTLAND, MAINE

Date: 08/09/2006
Drawn By: PED
Checked By: WPF
Project Mgr: WPF
Project No: 06029
Cad File: 06029SF.dwg
Graphic Scale: 0 1"

REVISIONS

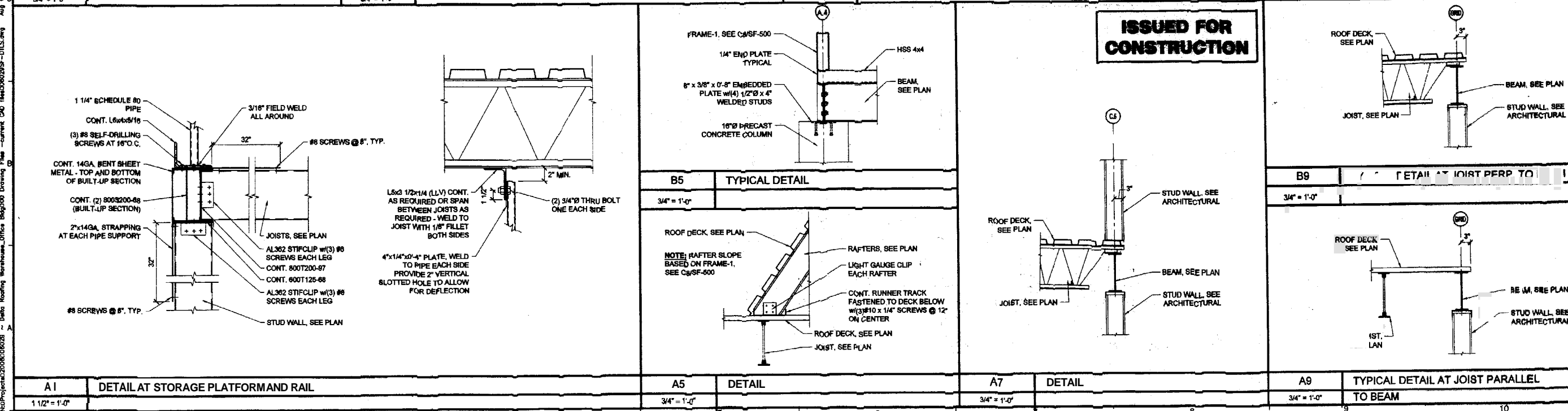
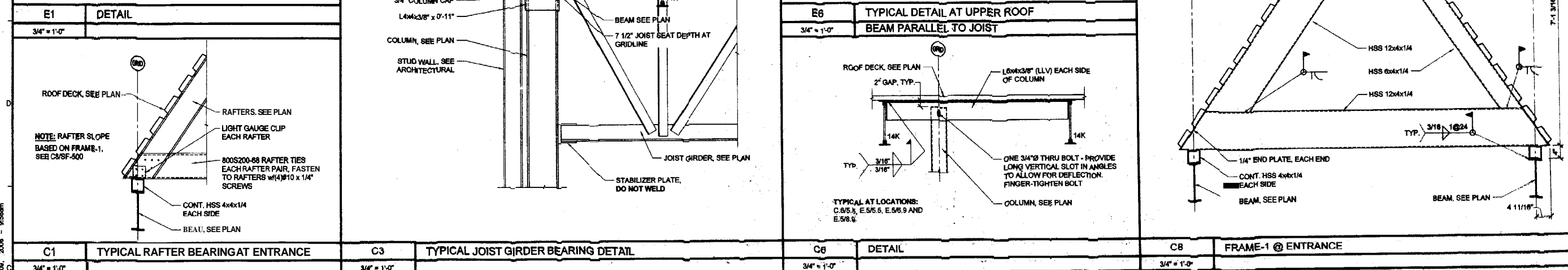
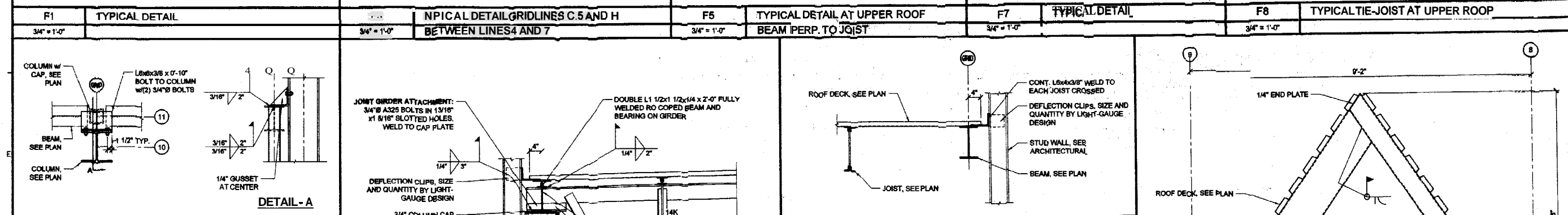
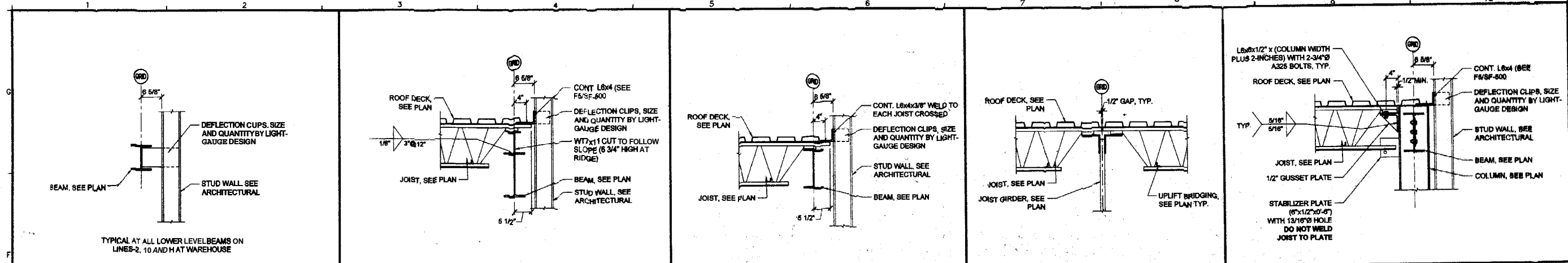
NUMBER	DATE	BY	DESCRIPTION



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SF-101



Date: 08/09/2008
 Drawn By: PFD
 Checked By: WFF
 Project Mgr: WFF
 Conf. File: 080208-013.dwg
 Graphic Scale
 Project No: 080208
 Date: 08/09/2008
 Scale:

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STRUCTURAL DETAILS
DELTA ROOFING
 PORTLAND, MAINE

SF-500

