

LEGEND

- 5/8" Capped iron rod set
- Iron pin found
- Monument found
- ⊕ Catch basin
- ⊕ Gas valve
- ⊕ Water shutoff
- ⊕ Utility pole
- ⊕ Light pole
- ⊕ Guy wire
- ⊕ Sign
- Edge of pavement
- Curb (granite, unless noted)
- 1' contour
- 5' contour
- Abutter's line
- Property line
- Easement line
- W --- Underground water
- OH --- Overhead utility wires
- G --- Underground gas
- T --- Underground telephone
- Guard rail
- ⊕ Deciduous tree
- ▨ Existing building
- ▭ Concrete pad

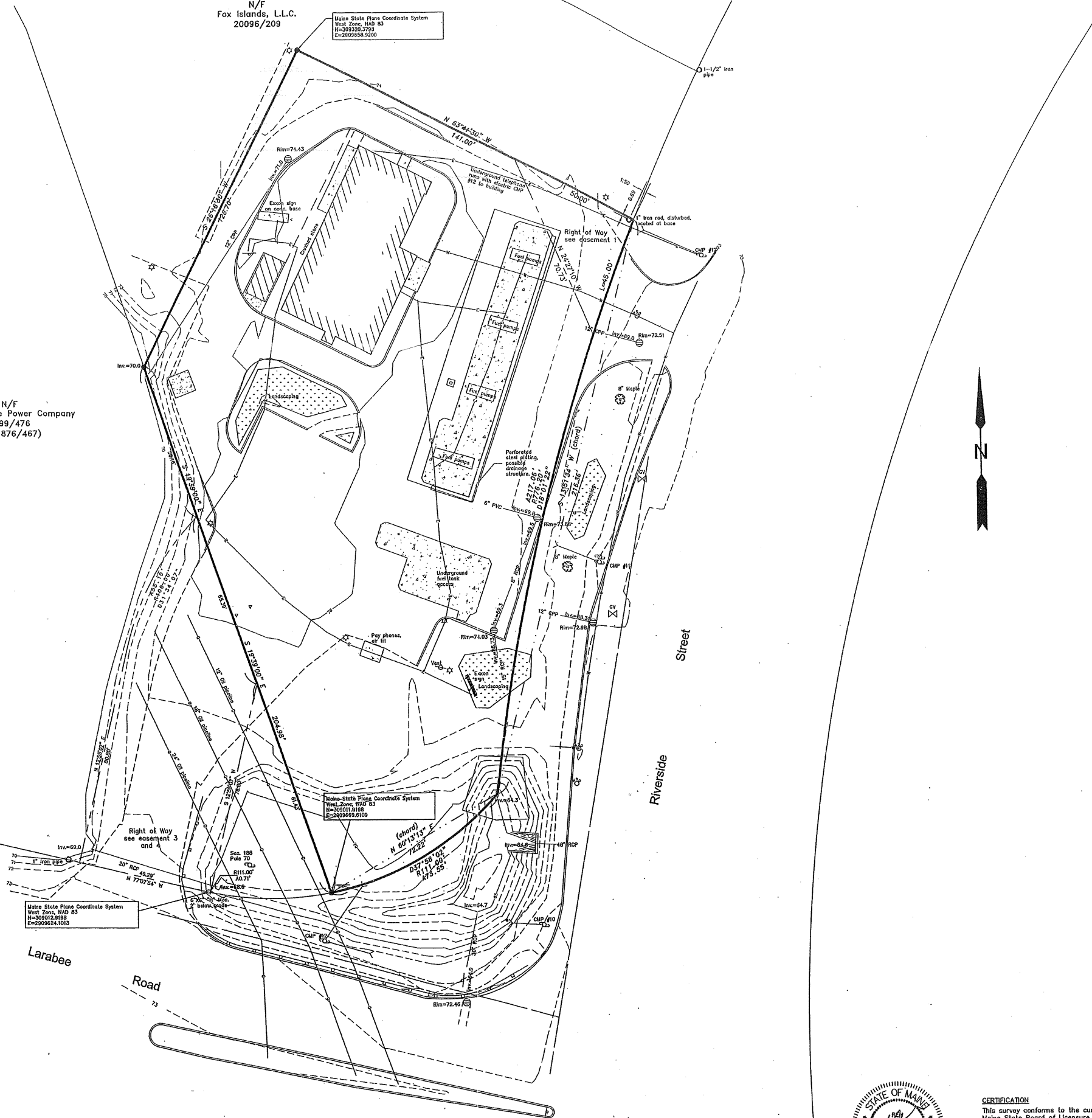
N/F
Central Maine Power Company
1699/476
(see 876/467)

N/F
Fox Islands, L.L.C.
20096/209

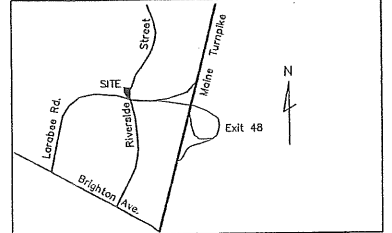
Maine State Plane Coordinate System
West Zone, 1840 83
N=209220.7798
E=209254.9200

Maine State Plane Coordinate System
West Zone, 1840 83
N=209212.9188
E=209254.1013

Maine State Plane Coordinate System
West Zone, 1840 83
N=209211.8108
E=209254.6109



LOCUS PLAN NOT TO SCALE



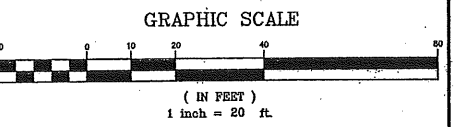
- NOTES**
- (1) Book and Page references are to the Cumberland County Registry of Deeds, unless otherwise specified.
 - (2) Bearings are referenced to source deed: Book 3109, Page 705.
 - (3) Project Benchmark: Cooperative Base Network Control Station "Gerald" (PID OC1164), NGVD 29, elevation 113.65.
 - (4) All utility locations shown on this plan are approximate, based on location of visible features and information provided by others. Dig Safe and/or the appropriate utilities should be contacted prior to any construction.
 - (5) According to the Flood Insurance Rate Map for the City of Portland, Community Panel Number 230051 0006B, this parcel is not located within a flood hazard area.

- EASEMENTS AND ENCUMBRANCES**
- (1) Parcel is subject to a right of access over the northeasterly corner of parcel as shown and benefits from certain covenants affecting abutting land as described in Book 3109, Page 705.
 - (2) Parcel is subject to a pipeline easement as described in Book 1846, Page 289, approximate location of pipeline shown.
 - (3) Parcel benefits from a conditional release of Control of Access rights along Larabee Road by the State of Maine as described in Book 11096, Page 157.
 - (4) Parcel benefits from a right of way as shown, right of way is described in Book 11116, Page 111.

- PLAN REFERENCES**
- (1) "Maine State Highway Commission Right of Way Map State Highway 127" sheets 5 and 6 of 6 dated February 1970 recorded in Plan Book 103, Page 29 and 30 respectively, S.H.C. File No. 3-190.
 - (2) "Boundary and Topo Survey of Riverside Street Lot" made for Howland Development Corp. by Sabago Technics Inc. dated February 1, 1989.
 - (3) "Plan of Land Exit 8 Exon", made for Webber Oil Company by Land Use Consultants dated September 7, 1994.
 - (4) "Section 188 Spring Street - Pridea Corner" made by Central Maine Power Company dated August 1994 and revised through November 15, 2004.

AREA
33,453.8 square feet / 0.77 acres

OWNERS OF RECORD
Webber Energy Gasoline: Book 16779, Page 336



Rev.2	7/08/08	State Plane coords.	RJC
Rev.1	6/26/08	Elevation datum	RJC

PLAN OF
Topographic & Boundary Survey
132 Riverside Street Portland, Maine

MADE FOR
Mastoran Corporation

822 Lexington Street 2nd Floor Waltham, Massachusetts
 JOB# 207087 DATE: June 26, 2008 SCALE: 1"=20'
 BOOK# 829
 DWG: DWG: **Titcomb Associates**
 133 Gray Road Falmouth, Maine 04105 (207)797-9199
 FILE# 9319



CERTIFICATION
This survey conforms to the current standards of the Maine State Board of Licensure for Land Surveyors.
Rex J. Croteau, Maine PLS #2273

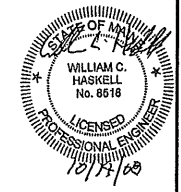
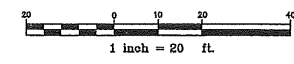
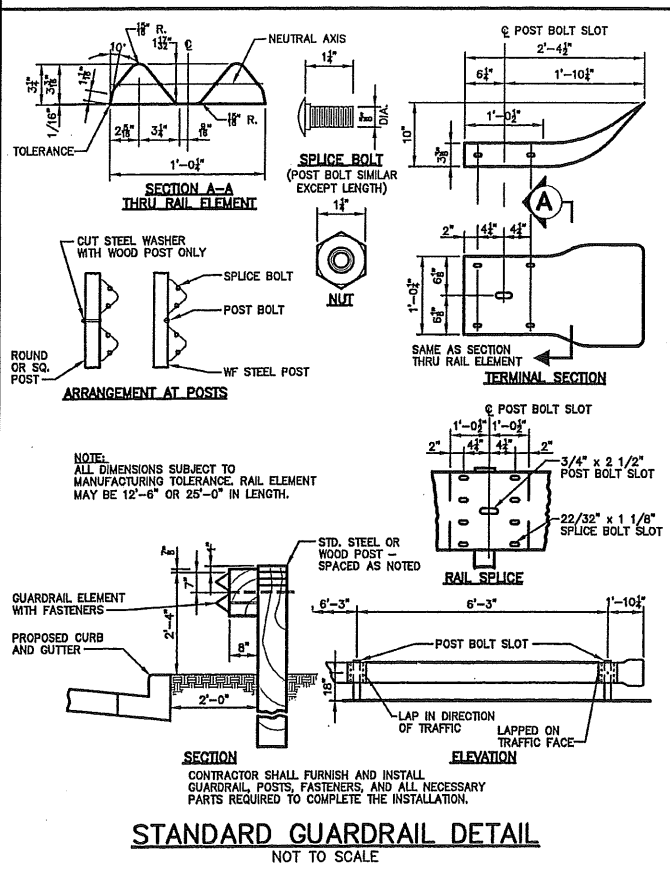
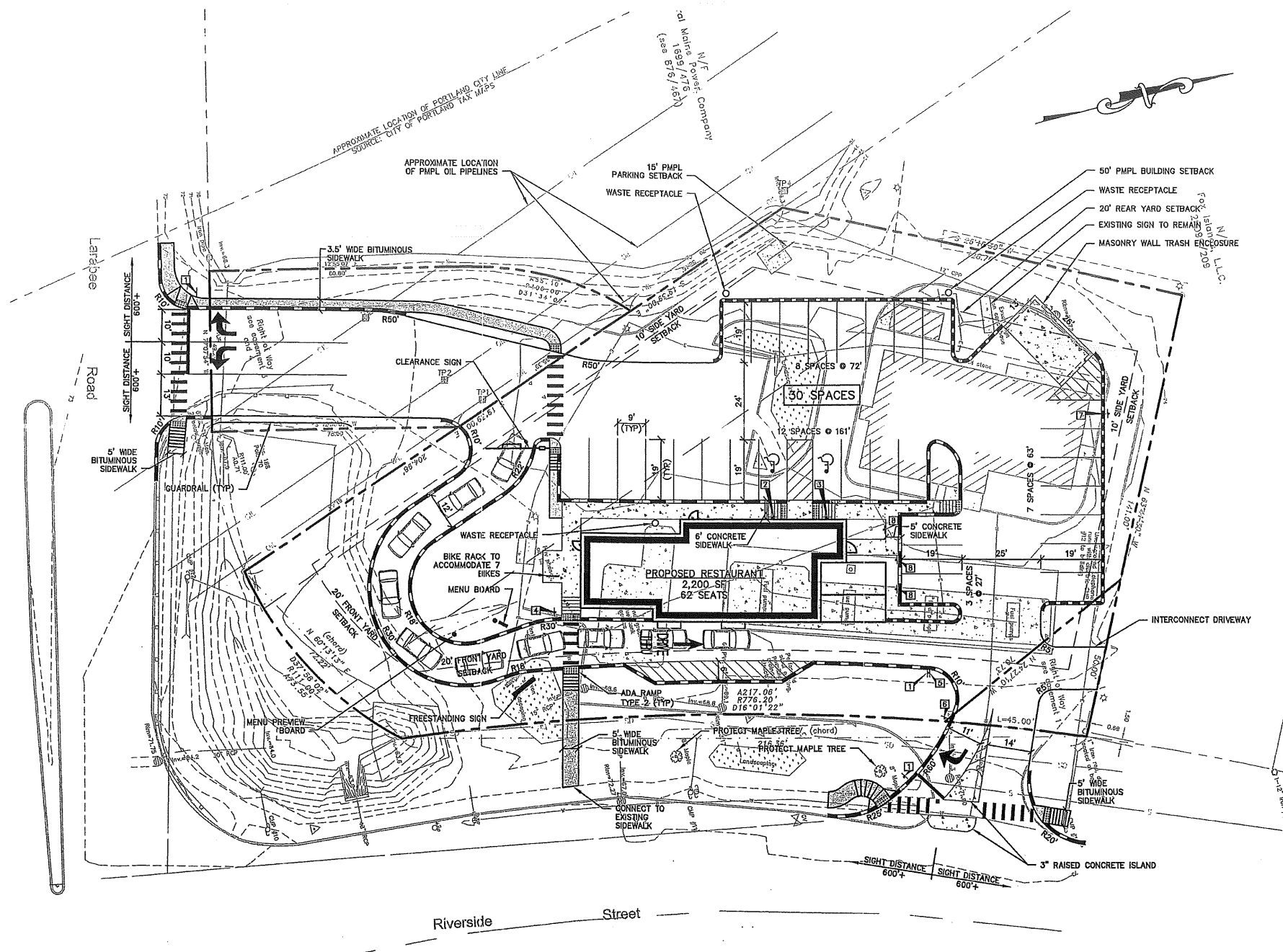
PORTLAND SPACE AND BULK STANDARDS		
COMMERCIAL (B-4) ZONE	REQUIRED	PROVIDED
MIN. LOT SIZE	10,000 S.F.	33,454 SF
YARD SETBACKS		
FRONT	20'	32' MIN.
SIDE	20'	45' MIN.
REAR	10'	68' MIN.
STREET FRONTAGE	60'	217'
MAX. IMPERVIOUS SURFACE AREA RATIO	80%	67%
MAX. BUILDING HEIGHT	65'	21' MAX.
MAX. FLOOR AREA RATIO	65%	7.6%

SITE DATA		
ZONE: COMMERCIAL (B-4) ZONE		
ADDRESS: 132 RIVERSIDE STREET		
BUILDING AREA		
RESTAURANT	2,200 SF	
PARKING		
REQUIRED	PROVIDED	
NEW STRUCTURE		
TOTAL PARKING		
RESTAURANT (1 SP / 150 SF)	15	30
HANDICAPPED SPACES	2	2

CURBING LEGEND	
	VERTICAL GRANITE CURB
	SLOPED GRANITE CURB
	MONOLITHIC CONCRETE CURB

SIGN LEGEND			
R1-1 30" x 30" [1]	R7-8 12" x 18" [2]	R7-8 12" x 18" [3]	WH1-2 30" x 30" [4]
R5-1 30" x 30" [5]	R3-2 24" x 24" [6]	18" x 18" [7]	18" x 12" [8]

- NOTES:**
- UTILITY WORK SHALL BE COORDINATED WITH THE RESPECTIVE UTILITY COMPANIES/DISTRICTS.
 - MOUNT ADA PARKING SIGNS ON BUILDING
 - NOTIFY PORTLAND PIPELINE (PMP) 72 HOURS PRIOR TO STARTING CONSTRUCTION.
 - ALL CURBRAMS SHALL HAVE VERTICAL GRANITE CURB INSTALLED FLUSH AT THE LOWEST END OF EACH RAMP.



S:\Land Projects\1958-30\DWG\1958-SP.dwg - Oct 14, 2008 - 8:28am

Rev.	Date	Revision
1	9/23/08	ADDED SIDEWALK AT LARABEE ROAD ENTRANCE

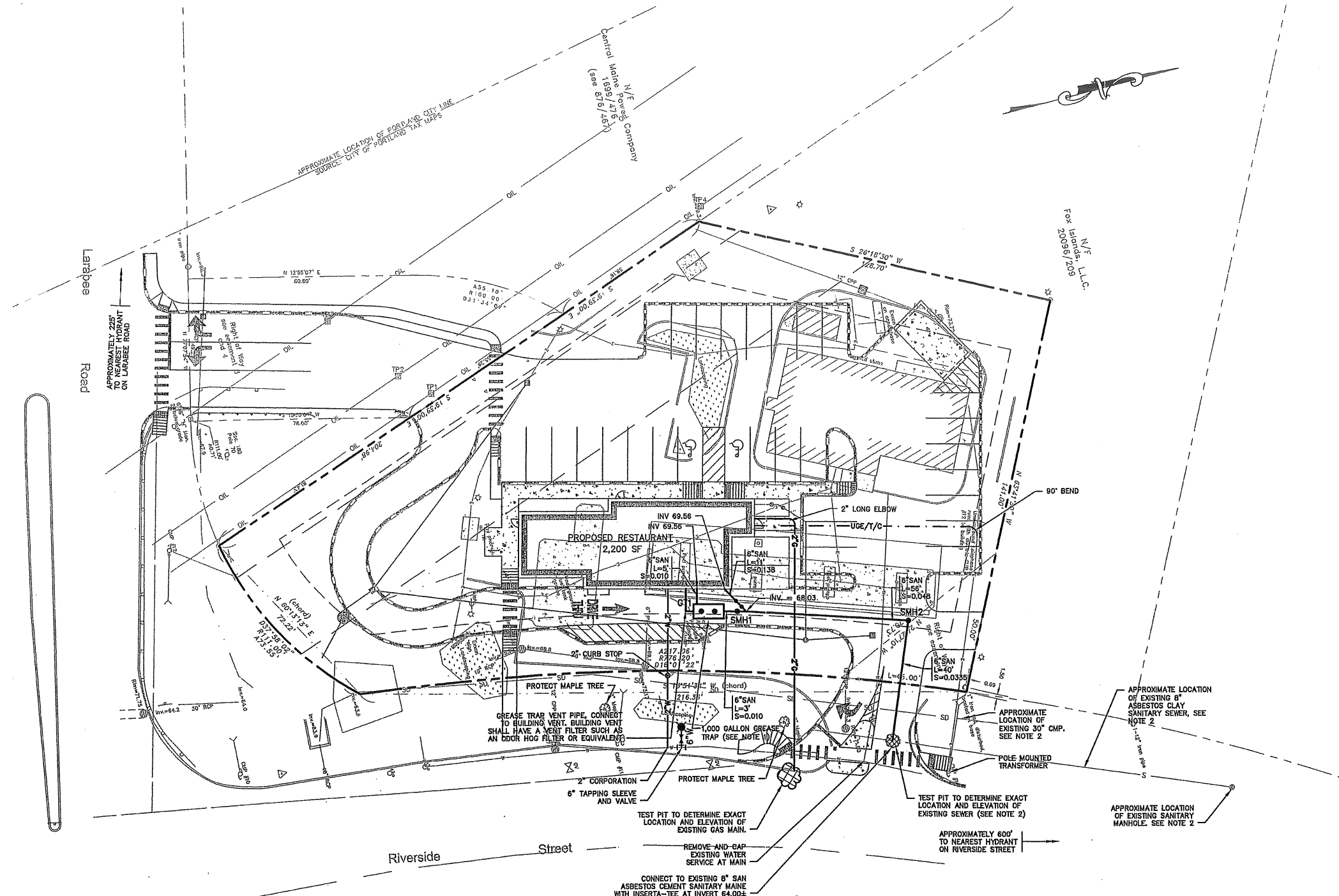
RESPONSE TO COMMENTS	Date	By
CITY OF PORTLAND SITE PLAN REVIEW	04/30/08	WCH

Design: RJB Draft: JBC Date: MAR 2008
 Checked: WCH Scale: 1" = 20' Job No.: 1958
 File Name: 1958-SP.dwg
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 Transportation and Civil Engineering Services
 PO Box 1237 Portland, Maine 04102
 15 Shaker Road Gray, ME 04039
 207-657-6910 FAX: 207-657-6912
 E-Mail: mail@gorrillpalmer.com

Drawing Name: **Site Plan**
 Project: **Proposed Restaurant**
 Client: **Mastoran Corporation**
 822 Lexington Street 2nd Floor - Waltham, MA 02452-4848

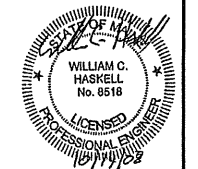
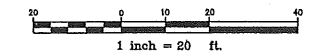
Drawing No. **C101**



SANITARY SEWER APPURATUS SCHEDULE				
STRUCTURE	SIZE	RIM	INV. IN/ SIZE (FROM)	INV. OUT/ SIZE (TO)
GT1	1,000 GALLON	73.61	69.51/6" (BLDG)	69.28/6" (SMH1)
SMH1	4'	73.37	69.23/6" (GT1)	68.13/6" (SMH2)
SMH2	4'	72.68	65.44/6" (SMH1)	65.34/6" (EX)*

* ADJUST AS NECESSARY TO MATCH EXISTING SEWER ELEVATION

- NOTE:**
- GREASE TRAP - OLD CASTLE PRECAST GT-1000 (OR APPROVED EQUIVALENT), H-20 LOADING, PROVIDE RISER RINGS WITH MANHOLE FRAMES AND SEWER COVERS.
 - LOCATION OF UTILITIES ARE BASED ON A PLAN PROVIDED BY THE CITY OF PORTLAND, TITLED RIVERSIDE ST. & RIVERSIDE CT. SEWER, DATED 5-4-70.
 - PORTLAND PUBLIC WORKS WAS CONTACTED TO OBTAIN SEWER SERVICE LOCATION INFORMATION FOR THE LOT. THEY PROVIDED A SERVICE CARD WITH LIMITED INFORMATION ON THE LOCATION OF THE SEWER SERVICE. ADDITIONAL RESEARCH IN THE PUBLIC WORKS ARCHIVE VAULT AND COORDINATION WITH PUBLIC WORKS UNCOVERED THE PLAN REFERENCED IN NOTE 2. CONTRACTOR SHALL COORDINATE WITH PORTLAND PUBLIC WORKS AND EXCAVATE A TEST PIT TO LOCATE THE SEWER SERVICE AND DETERMINE THE SIZE AND INVERT ELEVATION OF THE EXISTING PIPE PRIOR TO CONSTRUCTING THE PROPOSED SEWER SERVICE FOR THE NEW BUILDING.
 - ALL UTILITY WORK SHALL BE COORDINATED WITH RESPECTIVE UTILITY COMPANIES.



S:\land Projects\1958-3D\DWG\1958-UTIL.dwg - Oct 14, 2008 - 8:29am

Rev.	Date	Revision
1	9/23/08	ADDED SIDEWALK AT LARABEE ROAD ENTRANCE

RESPONSE TO COMMENTS	Date	By
CITY OF PORTLAND SITE PLAN REVIEW	04/30/08	WCH

Design: RJB Draft: JBC Date: MAR 2008
 Checked: WCH Scale: 1" = 20' Job No.: 1958
 File Name: 1958-UTIL.dwg
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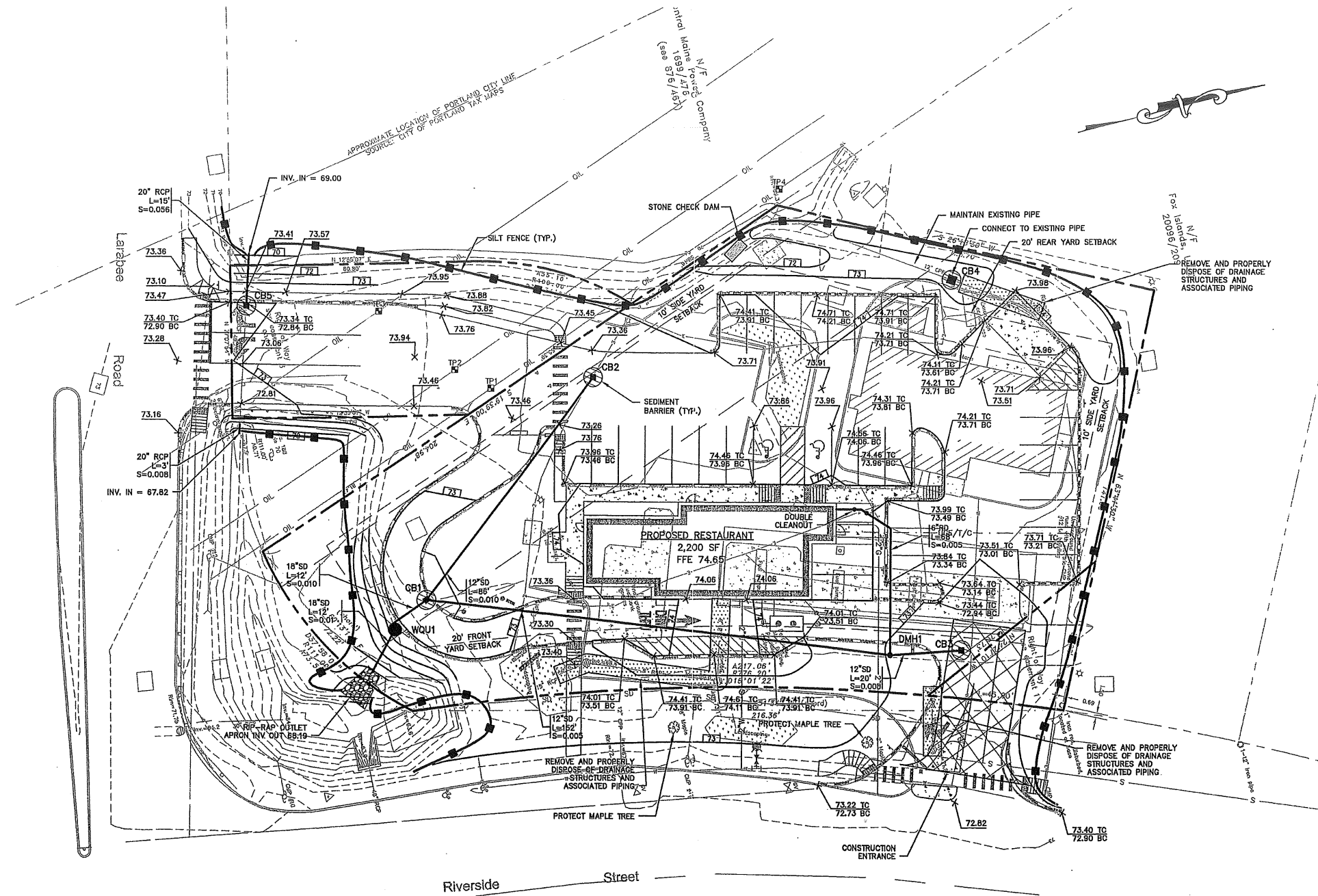
GP Gorrill-Palmer Consulting Engineers, Inc.
 PO Box 1237 Transportation and Civil Engineering Services 207-657-6910
 15 Shaker Road FAX: 207-657-6912
 Gray, ME 04039 E-Mail: mailbox@gorrillpalmer.com

Drawing Name:	Utility Plan
Project:	Proposed Restaurant Portland, Maine
Client:	Mastoran Corporation 822 Lexington Street 2nd Floor - Waltham, MA 02452-4848

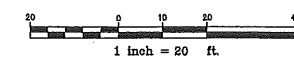
Drawing No.
C102

TESTPIT DATA				
TP	APPROXIMATE EXISTING GRADE	APPROXIMATE PROPOSED GRADE	MEASURED DEPTH TO PIPE	APPROXIMATE ELEVATION OF TOP OF PIPE
1	74.7±	73.6±	8.20	66.5±
2	74.3±	73.7±	7.70	66.6±
3	73.6±	73.6±	8.64	65.0±
4	68.7±	N/A	7.70*	66.8±*

* TESTPIT LOCATED OUTSIDE LIMITS OF EXISTING SURVEY. ELEVATIONS BASED ON CORNER OF CONCRETE PAD AT ELEVATION 73.91



STORM DRAIN APPURATUS SCHEDULE				
STRUCTURE	SIZE	RIM	INV. IN/ SIZE (FROM)	INV. OUT/ SIZE (TO)
CB1	4'Ø	72.41	68.35/12"(CB2) 67.45/12"(DMH1)	66.93/18"(WQU1)
CB2	4'Ø	73.21	-	69.21/12"(CB1)
CB3	4'Ø	72.41	-	68.41/12"(DMH1)
CB4	4'Ø	73.46	-	70.73/EXISTING
CB5	4'Ø	72.84	66.33/20"(INLET)	68.23/20"(OUTLET)
DMH1	4'Ø	73.41	68.31/12"(CB3) 69.41/6"(RD)	68.21/12"(CB1)
WQU1	6'Ø	72.61	66.81/18"(CB1)	68.31/18"(OUTLET)



S:\land Projects\1958-3D\DWG\1958-GRADING.dwg - Oct 14, 2008 - 8:26am

Rev.	Date	Revision
1	9/23/08	ADDED SIDEWALK AT LARABEE ROAD ENTRANCE

RESPONSE TO COMMENTS	Date	By
CITY OF PORTLAND SITE PLAN REVIEW	04/30/08	WCH

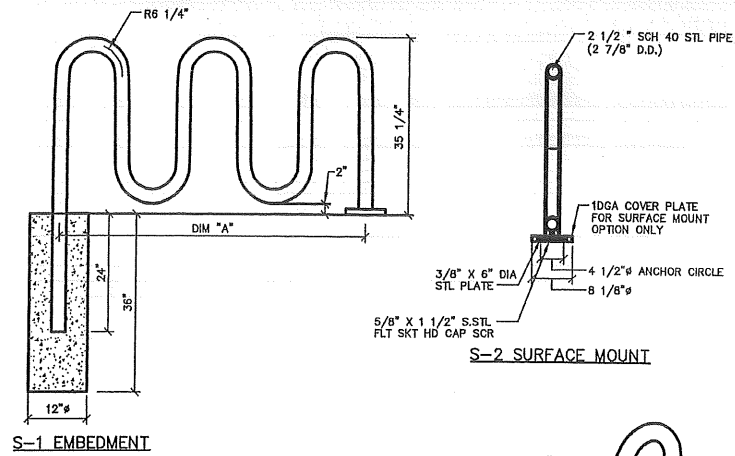
Design: RJB Draft: JBC Date: MAR 2008
 Checked: WCH Scale: 1" = 20' Job No.: 1958
 File Name: 1958-GRADING.dwg
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 Transportation and Civil Engineering Services
 PO Box 1237 15 Shaker Road Gray, ME 04039
 207-657-6910 207-657-6912
 E-Mail: mail@gorrillpalmer.com

Drawing Name:	Grading, Drainage & Erosion Control Plan
Project:	Proposed Restaurant Portland, Maine
Client:	Mastoran Corporation 822 Lexington Street 2nd Floor - Waltham, MA 02452-4848

Drawing No.
C103

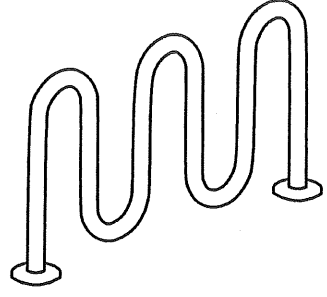
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MODEL NO.	PEAKS	DIM "A"
125-30	3	62 1/2" LG.

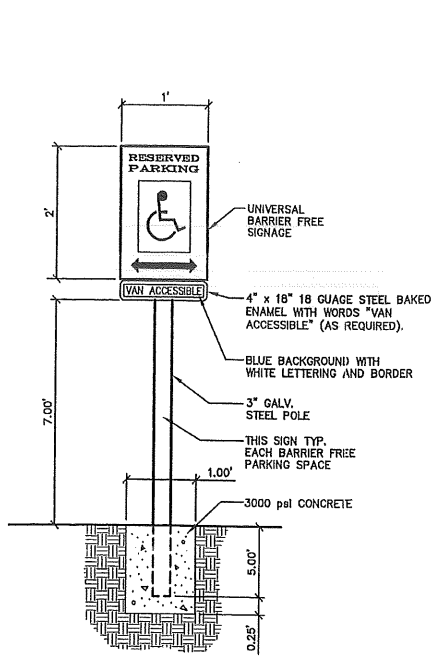
FINISH OPTIONS
 HOT DIPPED GALVANIZED
 COATED WITH ZINC RICH EPOXY THEN FINISHED WITH POLYESTER POWDER COATING

NOTE
 1. 1/2" X 3 3/4" EXPANSION ANCHOR BOLTS PROVIDED FOR OPTION S-2



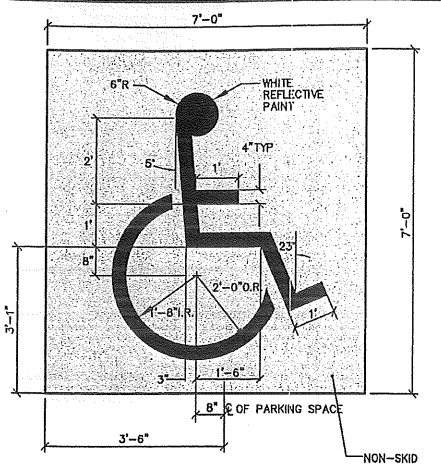
BIKE RACK

NOT TO SCALE



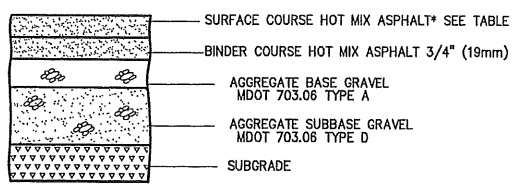
BARRIER FREE PARKING SIGN

NOT TO SCALE



INTERNATIONAL BARRIER FREE SYMBOL

NOT TO SCALE

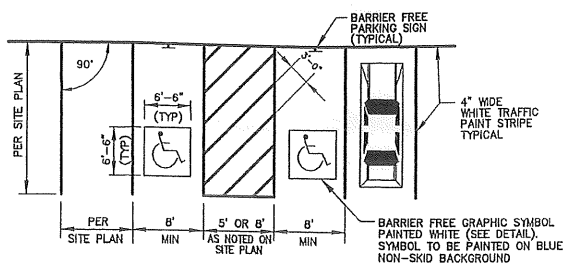


NOTE: COMPACT SUBGRADE TO 95% MAXIMUM DRY DENSITY IN ACCORDANCE WITH ASTM D-1557

OUTSIDE CITY ROW	THICKNESS OF LAYERS	
	LAYERS	INSIDE CITY ROW
1"	SURFACE COURSE HOT MIX ASPHALT 3/8" (9.5mm)	N/A
N/A	SURFACE COURSE HOT MIX ASPHALT 1/2" (12.5mm)	1 1/2"
2"	BINDER COURSE HOT MIX ASPHALT 3/4" (19mm)	2 1/2"
6"	AGGREGATE BASE GRAVEL MDOT 703.06 TYPE A	3"
12"	AGGREGATE SUBBASE GRAVEL MDOT 703.06 TYPE D	18"

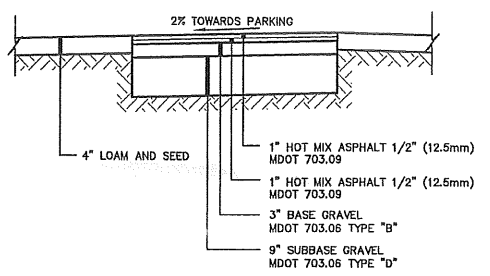
BITUMINOUS PAVEMENT SECTION

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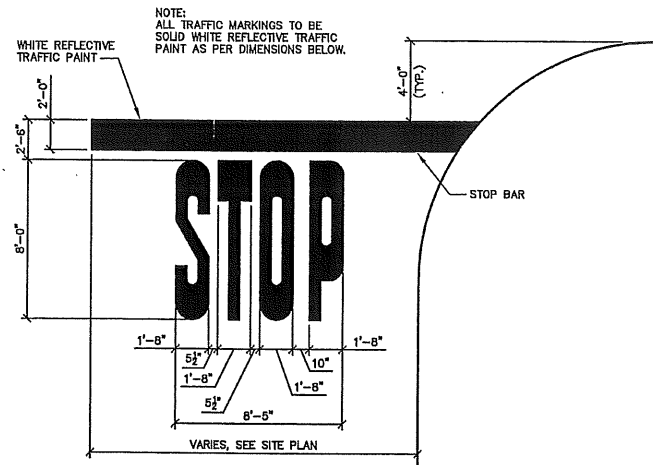
PARKING SPACE DIMENSIONS

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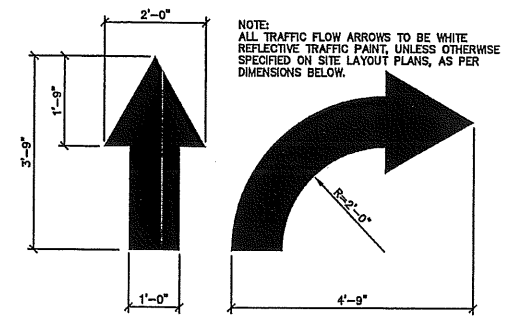
BITUMINOUS WALKWAY

NOT TO SCALE



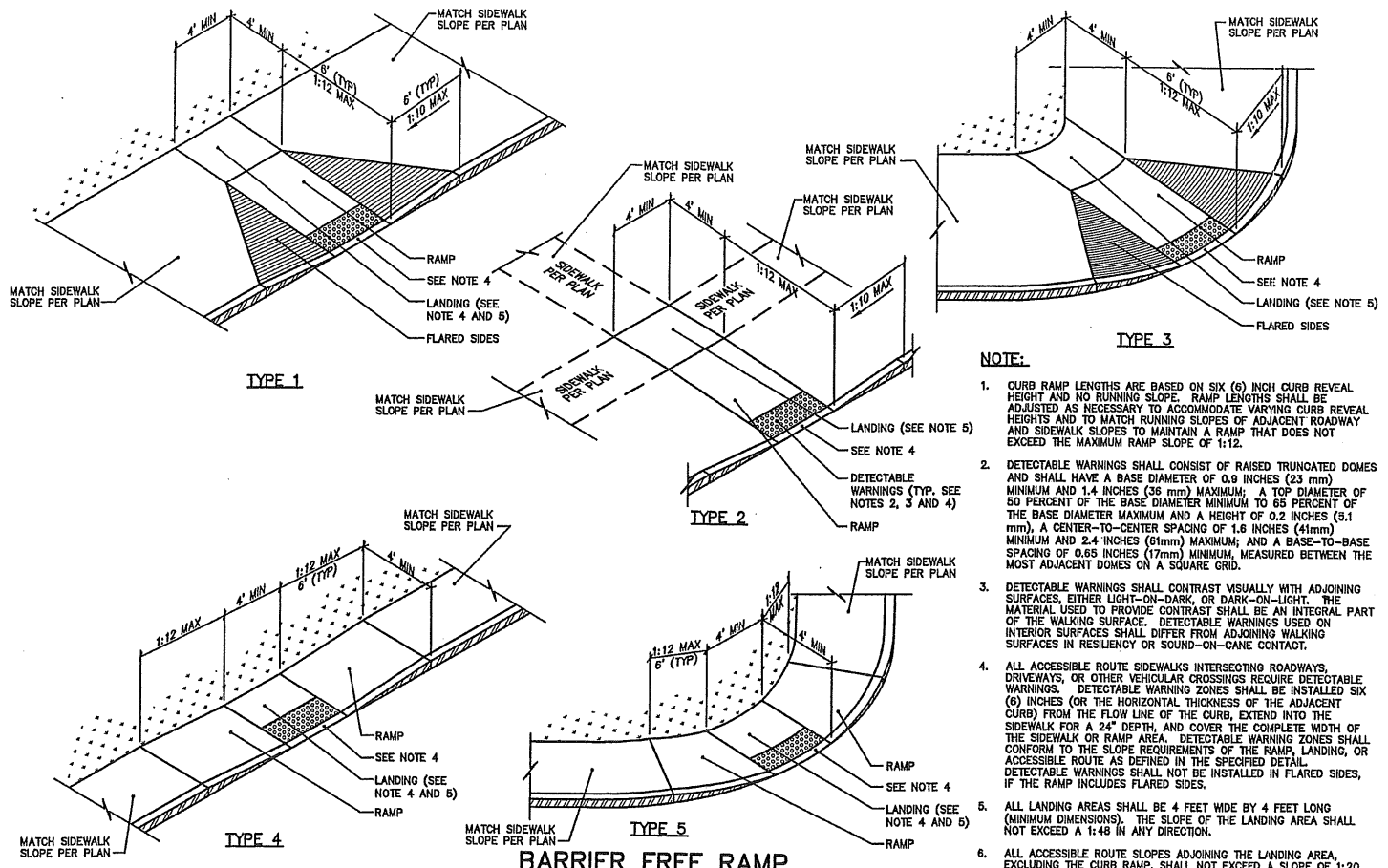
PAVEMENT MARKINGS

NOT TO SCALE



TRAFFIC FLOW ARROW

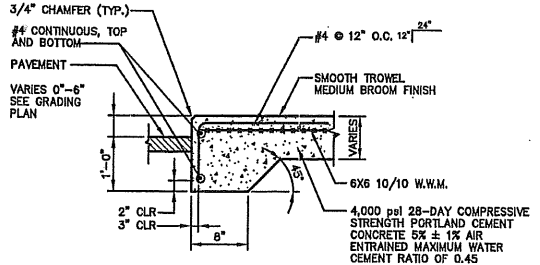
NOT TO SCALE



BARRIER FREE RAMP

NOT TO SCALE

- NOTE:**
- CURB RAMP LENGTHS ARE BASED ON SIX (6) INCH CURB REVEAL HEIGHT AND NO RUNNING SLOPE. RAMP LENGTHS SHALL BE ADJUSTED AS NECESSARY TO ACCOMMODATE VARYING CURB REVEAL HEIGHTS AND TO MATCH RUNNING SLOPES OF ADJACENT ROADWAY AND SIDEWALK SLOPES TO MAINTAIN A RAMP THAT DOES NOT EXCEED THE MAXIMUM RAMP SLOPE OF 1:12.
 - DETECTABLE WARNINGS SHALL CONSIST OF RAISED TRUNCATED DOMES AND SHALL HAVE A BASE DIAMETER OF 0.9 INCHES (23 mm) MINIMUM AND 1.4 INCHES (36 mm) MAXIMUM. A TOP DIAMETER OF 50 PERCENT OF THE BASE DIAMETER MINIMUM TO 65 PERCENT OF THE BASE DIAMETER MAXIMUM AND A HEIGHT OF 0.2 INCHES (5.1 mm). A CENTER-TO-CENTER SPACING OF 1.6 INCHES (41mm) MINIMUM AND 2.4 INCHES (61mm) MAXIMUM; AND A BASE-TO-BASE SPACING OF 0.65 INCHES (17mm) MINIMUM, MEASURED BETWEEN THE MOST ADJACENT DOMES ON A SQUARE GRID.
 - DETECTABLE WARNINGS SHALL CONTRAST VISUALLY WITH ADJOINING SURFACES, EITHER LIGHT-ON-DARK, OR DARK-ON-LIGHT. THE MATERIAL USED TO PROVIDE CONTRAST SHALL BE AN INTEGRAL PART OF THE WALKING SURFACE. DETECTABLE WARNINGS USED ON INTERIOR SURFACES SHALL DIFFER FROM ADJOINING WALKING SURFACES IN RESILIENCY OR SOUND-ON-CANE CONTACT.
 - ALL ACCESSIBLE ROUTE SIDEWALKS INTERSECTING ROADWAYS, DRIVEWAYS, OR OTHER VEHICULAR CROSSINGS REQUIRE DETECTABLE WARNINGS. DETECTABLE WARNING ZONES SHALL BE INSTALLED SIX (6) INCHES (OR THE HORIZONTAL THICKNESS OF THE ADJACENT CURB) FROM THE FLOW LINE OF THE CURB, EXTEND INTO THE SIDEWALK FOR A 24" DEPTH, AND COVER THE COMPLETE WIDTH OF THE SIDEWALK OR RAMP AREA. DETECTABLE WARNING ZONES SHALL CONFORM TO THE SLOPE REQUIREMENTS OF THE RAMP, LANDING, OR ACCESSIBLE ROUTE AS DEFINED IN THE SPECIFIED DETAIL. DETECTABLE WARNINGS SHALL NOT BE INSTALLED IN FLARED SIDES, IF THE RAMP INCLUDES FLARED SIDES.
 - ALL LANDING AREAS SHALL BE 4 FEET WIDE BY 4 FEET LONG (MINIMUM DIMENSIONS). THE SLOPE OF THE LANDING AREA SHALL NOT EXCEED A 1:48 IN ANY DIRECTION.
 - ALL ACCESSIBLE ROUTE SLOPES ADJOINING THE LANDING AREA, EXCLUDING THE CURB RAMP, SHALL NOT EXCEED A SLOPE OF 1:20 UNLESS OTHERWISE NOTED.



MONOLITHIC CONCRETE CURB AND SIDEWALK

NOT TO SCALE

S:\Land Projects\1958-30\1958-30\1958-30\1958-DET.dwg - Oct 14, 2008 - 8:26am

Rev.	Date	Revision
1	9/23/08	ADDED SIDEWALK AT LARABEE ROAD ENTRANCE

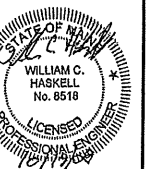
RESPONSE TO COMMENTS	Date	By
CITY OF PORTLAND SITE PLAN REVIEW	09/03/08	WCH
Issued For	04/30/08	WCH

Design:	Draft:	Date:
RJB	JBC	MAR 2008
Checked:	Scale:	Job No.:
WCH	NTS	1958
File Name:	1958-DET.dwg	

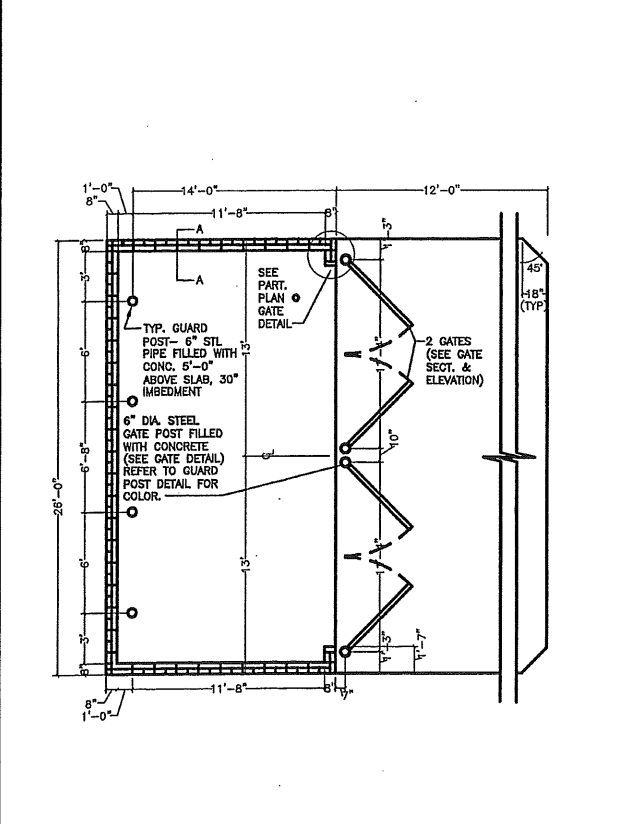
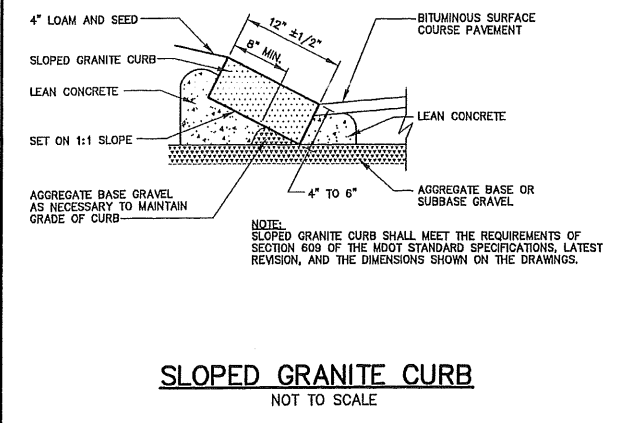
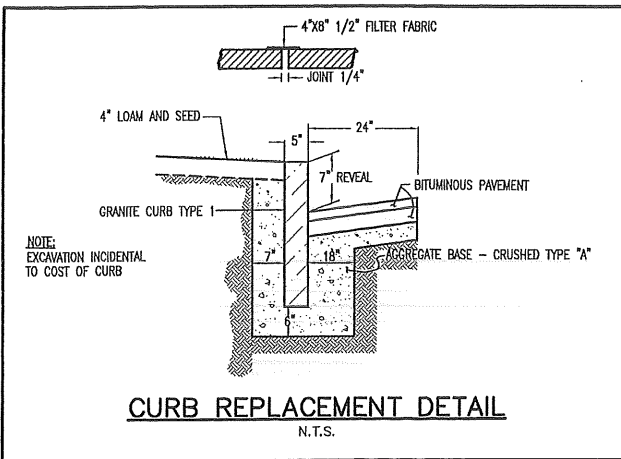
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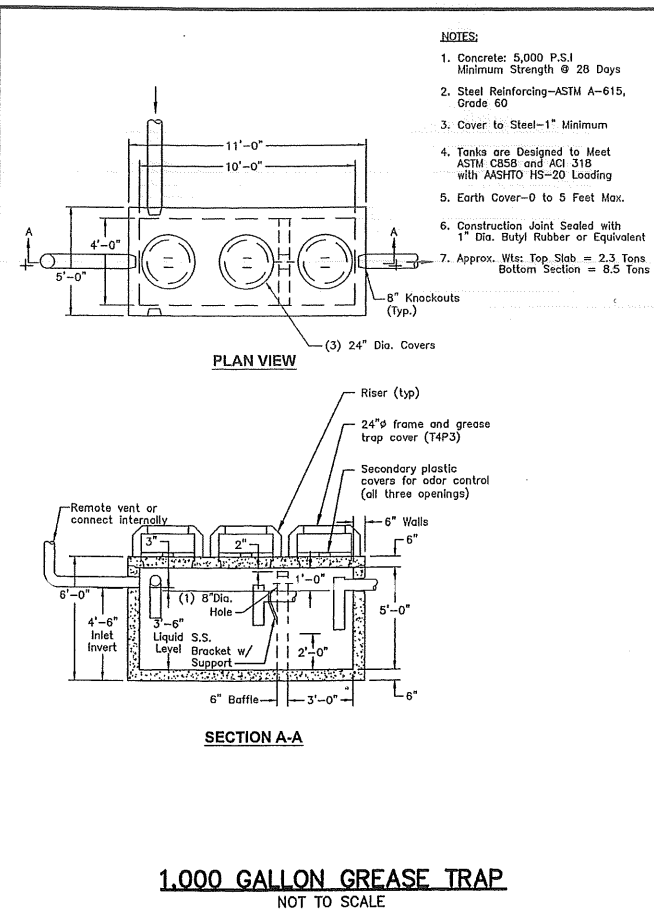
Drawing Name: **Site Details**
 Project: **Proposed Restaurant**
 Client: **Mastoran Corporation**
 822 Lexington Street 2nd Floor - Waltham, MA 02452-4848



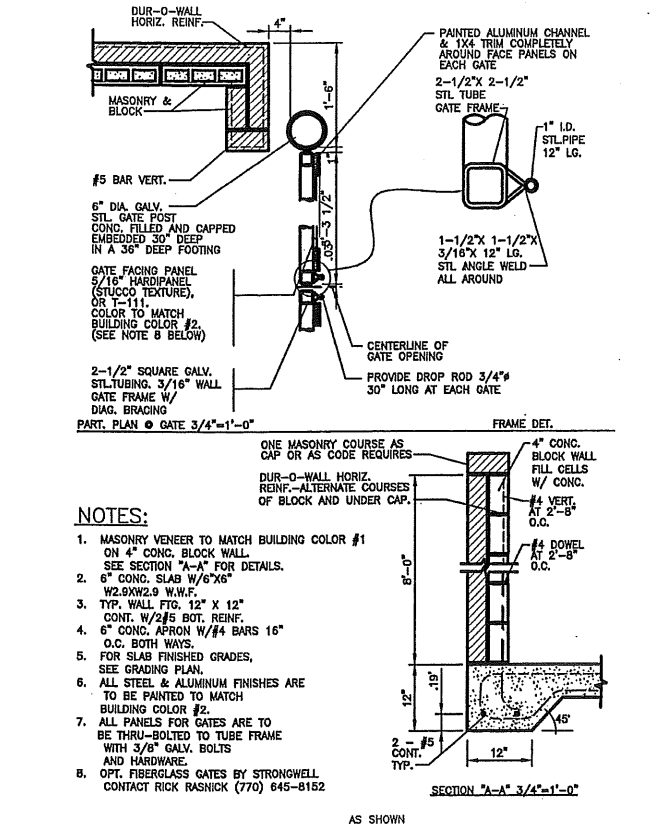
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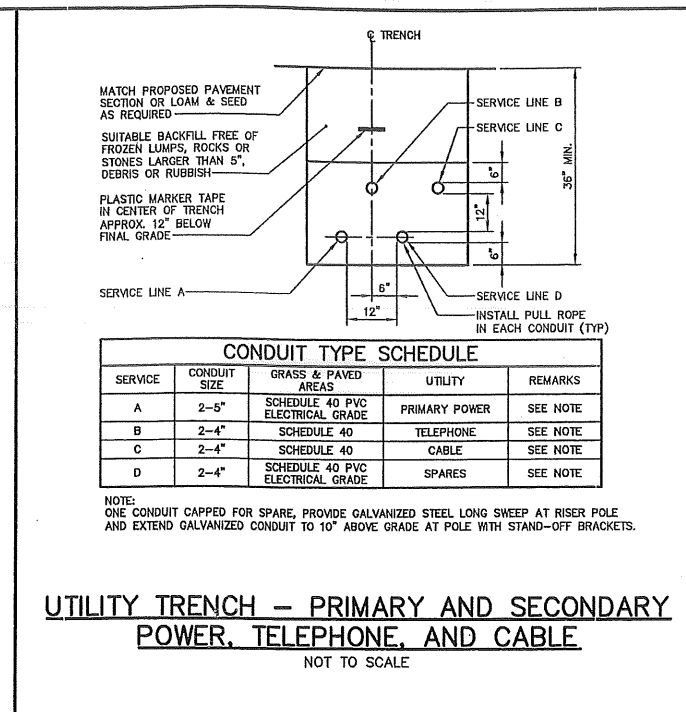
MASONRY TRASH ENCLOSURE
NOT TO SCALE



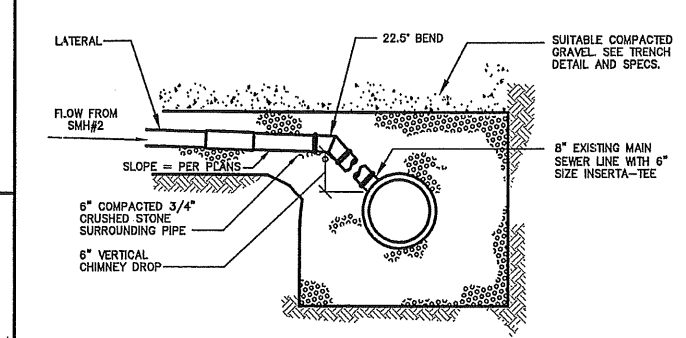
1,000 GALLON GREASE TRAP
NOT TO SCALE



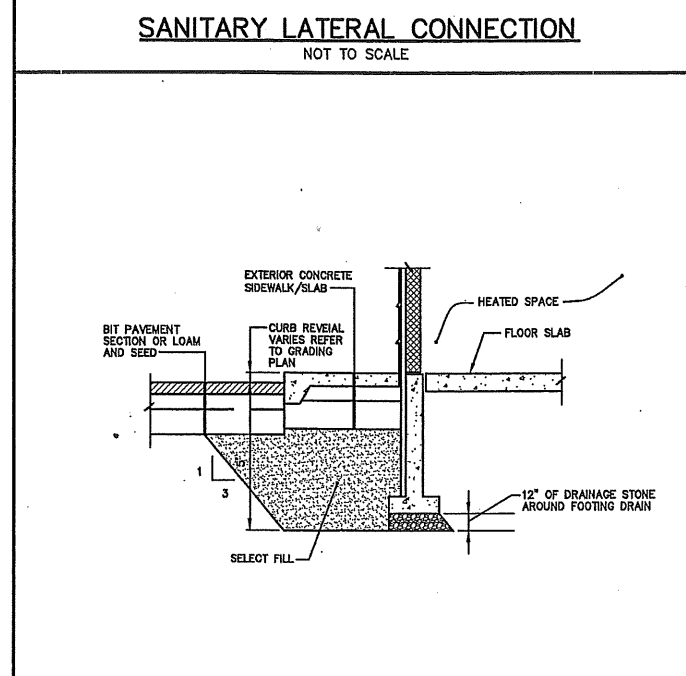
SANITARY LATERAL CONNECTION
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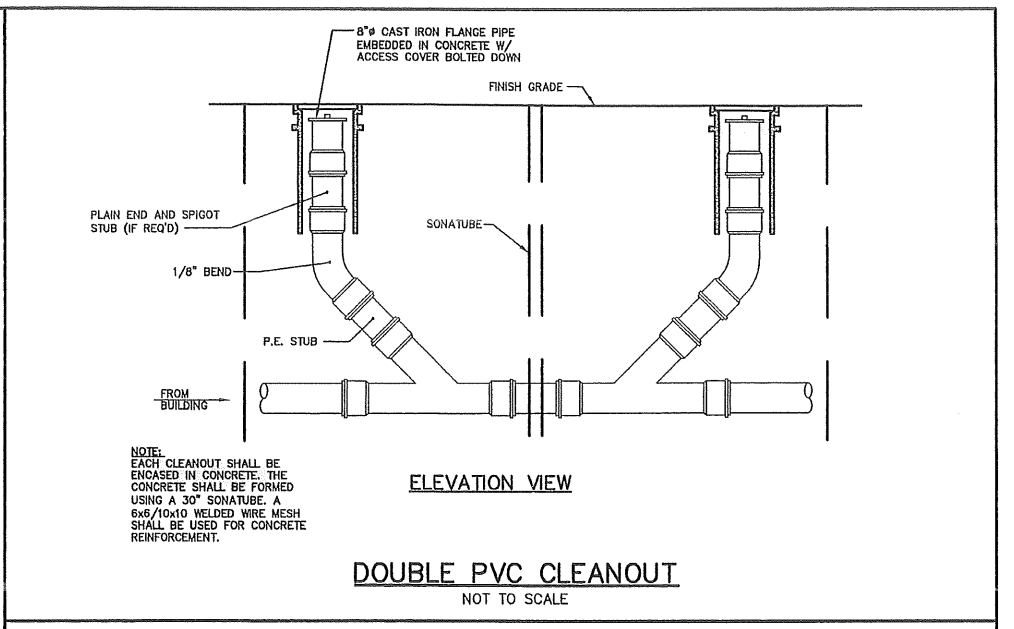
UTILITY TRENCH - PRIMARY AND SECONDARY POWER, TELEPHONE, AND CABLE
NOT TO SCALE



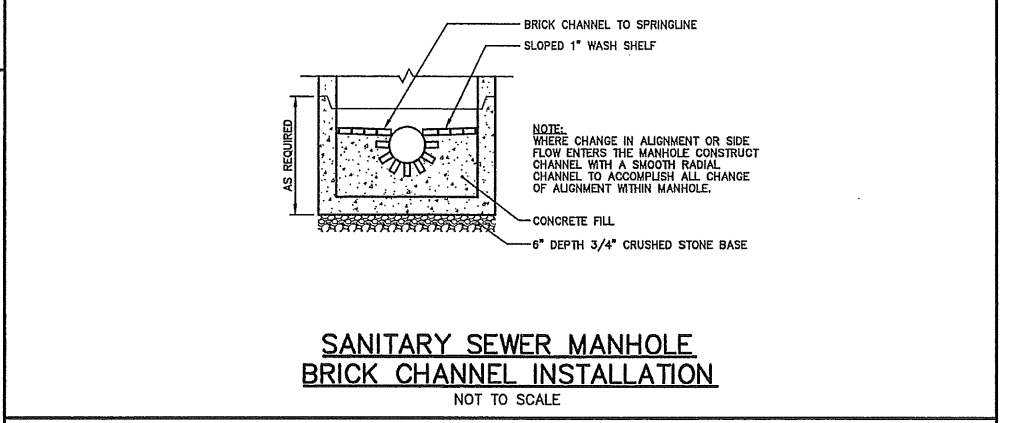
SANITARY LATERAL CONNECTION
NOT TO SCALE



ENTRYWAY SLAB TRANSITION
NOT TO SCALE

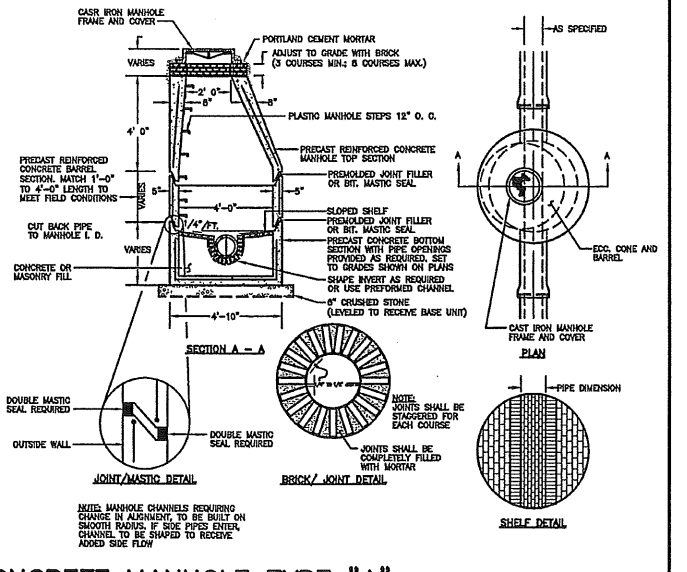


DOUBLE PVC CLEANOUT
NOT TO SCALE

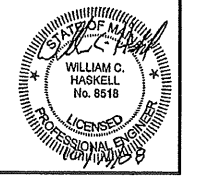


SANITARY SEWER MANHOLE BRICK CHANNEL INSTALLATION
NOT TO SCALE

- GENERAL NOTES:**
- ULTIMATE STRENGTH OF 4000 LBS. PER SQ. INCH AT THE END OF 28 DAYS, UNLESS OTHERWISE NOTED.
 - ASTM SPEC. C-478-67
 - C-32-63, GRADE MA AND SA.
 - APPLIED TO THE EXTERIOR SURFACE, IF CONSTRUCTION OF BRICK MASONRY, THE SMOOTH MORTAR SURFACE SHALL BE PLASTERED WITH A SMOOTH MORTAR FINISH 3/8" THICK. AFTER THE MORTAR HAS SET, THE SURFACE SHALL BE WATERPROOFED AS REQUIRED BY SUPPLEMENTAL SPECIFICATIONS SECTION 04.
 - CASTINGS SHALL CONFORM TO ASTM DESIGNATION A48-CLASS 35. ALL PARTS OF CASTINGS, EXCEPT FINISHED SURFACE, SHALL RECEIVE A COAT OF COAL TAR PITCH VARNISH OR ASPHALTUM PAINT WHICH SHALL BE SMOOTH AND TOUGH BUT NOT BRITTLE.
 - MANHOLES MAY BE CONSTRUCTED OF MASONRY, PRECAST REINFORCED CONCRETE, OR CAST IN PLACE.
 - ALL PRECAST MANHOLES AND CATCH BASINS SHALL BE IDENTIFIED BY STATION AND DESET, PAINTED ON THE SIDE OF THE STRUCTURE BY THE MANUFACTURER.
 - STORM AND SEWER MANHOLES SHALL HAVE SOLID COVERS WITH ONE DRILLED HOLE.
 - EXISTING MANHOLE AND CATCH BASIN FRAMES AND COVERS SHALL BE SALVAGED BY THE CONTRACTOR, AND REMAIN THE PROPERTY OF THE CITY OF PORTLAND.



PRECAST CONCRETE MANHOLE TYPE "A"
NOT TO SCALE



Land Projects\1958-2008\DWG\1958-DET.dwg, Site and Utility Details, 10/14/2008 8:28:31 AM, Drawn: mm, 1:1, Gorrill-Palmer

S:\Land Projects\1958-2008\DWG\1958-DET.dwg - Oct 14, 2008 - 8:26am

Rev.	Date	Revision
1	9/23/08	ADDED SIDEWALK AT LARABEE ROAD ENTRANCE
		Revision

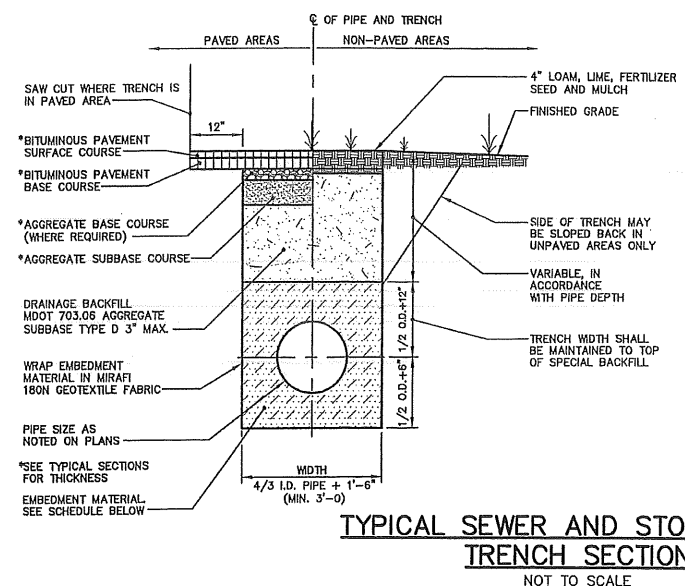
RESPONSE TO COMMENTS	Date	By
CITY OF PORTLAND SITE PLAN REVIEW	09/03/08	WCH
ISSUED FOR	04/30/08	WCH

Design: RJB	Draft: JBC	Date: MAR 2008
Checked: WCH	Scale: NTS	Job No.: 1958
File Name: 1958-DET.dwg		
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GP Gorrill-Palmer Consulting Engineers, Inc.
 Transportation and Civil Engineering Services
 PO Box 1237 Gray, ME 04039
 207-657-6910
 FAX: 207-657-6912
 E-Mail: mailbox@gorrillpalmer.com

Drawing Name: **Site and Utility Details**
 Project: **Proposed Restaurant**
 Location: **Portland, Maine**
 Client: **Mastoran Corporation**
 Address: **822 Lexington Street 2nd Floor - Waltham, MA 02452-4848**

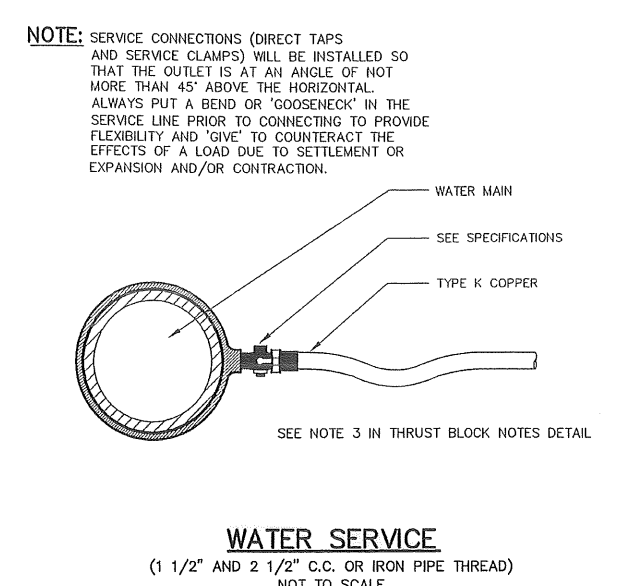
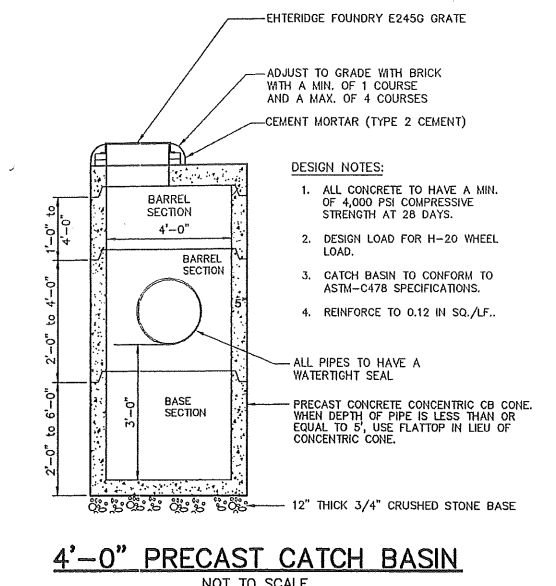
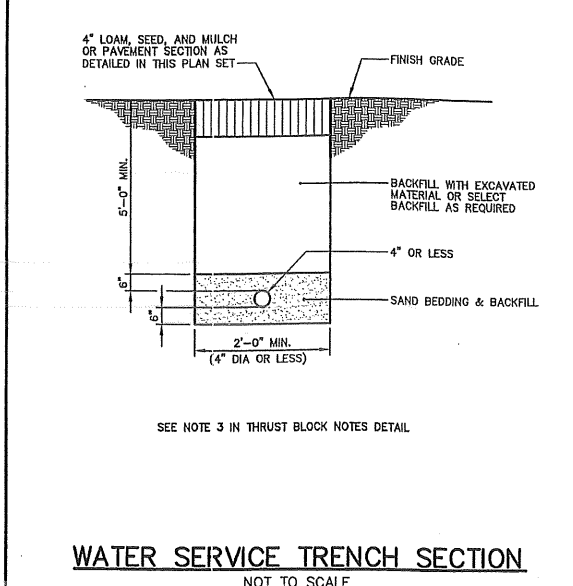
Drawing No. **C402**



SCHEDULE OF TRENCH BACKFILL

TYPE OF PIPE	EMBEDMENT MATERIAL
CMP DUCTILE IRON RCP	MAINEDOT 703.22 TYPE B UNDERDRAIN BACKFILL
PVC-SDR 35 HDPE	MAINEDOT 703.22 TYPE C 3/4\"/>

NOTE: BRACING AND SHEETING OR OTHER TRENCH PROTECTION TO BE PROVIDED TO MEET APPLICABLE STATE AND O.S.H.A. SAFETY STANDARDS. ALL SUCH TRENCH PROTECTION TO BE THE RESPONSIBILITY OF THE CONTRACTOR.

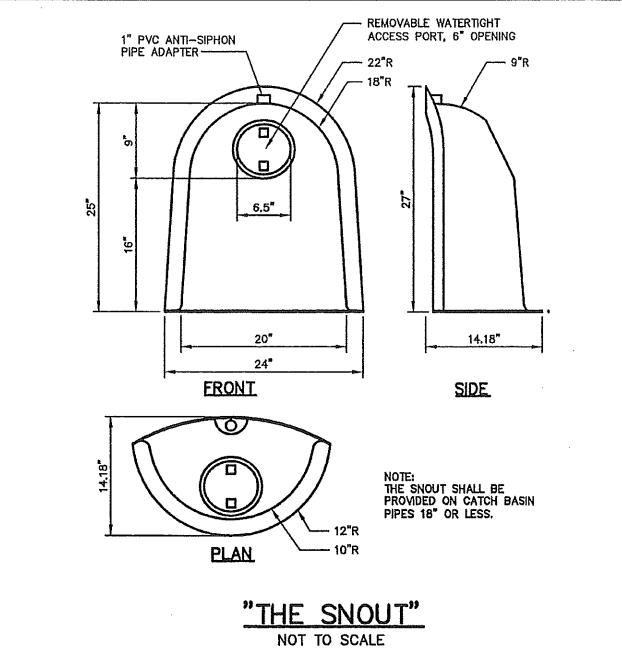
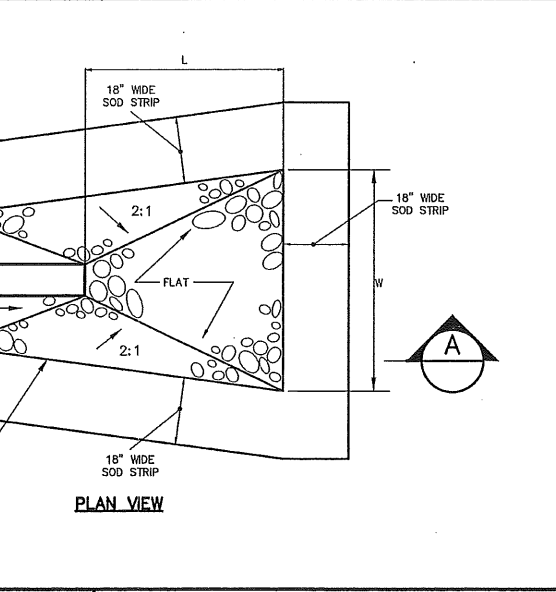
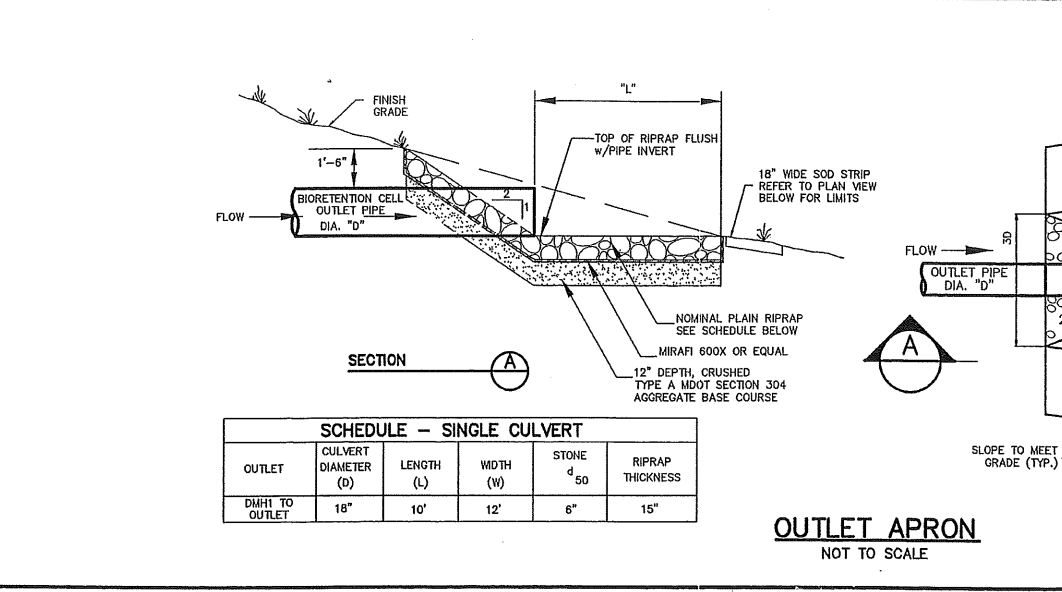
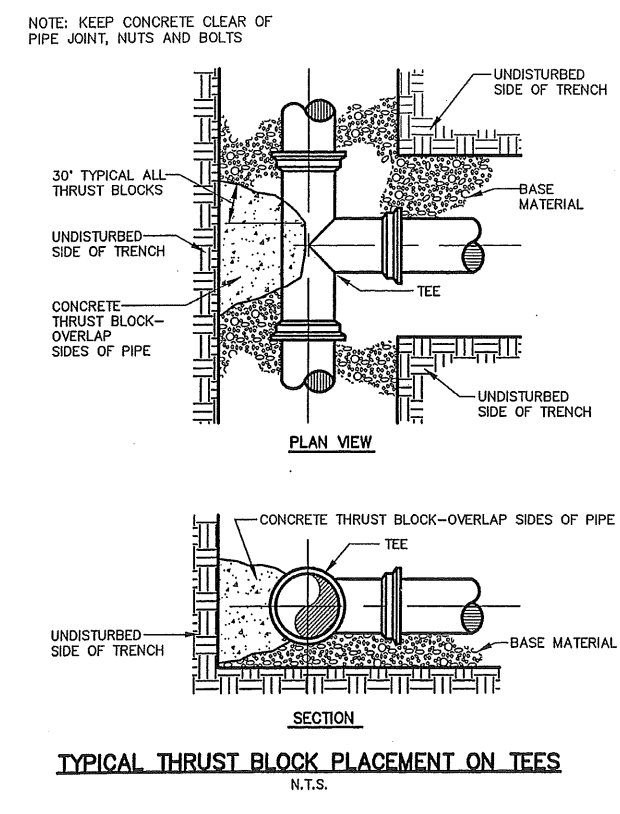


THRUST BLOCK NOTES

- INSTALL POLY BARRIER BETWEEN PIPE AND ALL THRUST BLOCKS.
- ANY MODIFICATION TO THRUST BLOCK SIZING OR PIPE RESTRAINT REVISIONS SHALL BE APPROVED IN WRITING BY THE ENGINEER PRIOR TO IMPLEMENTATION IN THE FIELD.
- ANY WORK RELATING TO WATER PIPING OR DETAILS SHALL BE IN ACCORDANCE WITH THE PORTLAND WATER DISTRICT SPECIFICATIONS.

PIPE SIZE	1/32 BEND	1/16 BEND	1/8 BEND	1/4 BEND	TEES/CAPS
6"	2.0	3	6	10	8

BEARING SURFACE REQUIRED IN SQUARE FEET



6" DOWNSTREAM DEFENDER **

N.T.S.

OR ANY EQUIVALENT STRUCTURE CAPABLE OF TREATING 0.65 ACRES AT A 60% TSS REMOVAL RATING

PARTS LIST

ITEM	SIZE	DESCRIPTION
1	72 in. 1829mm	L.D. CONCRETE MANHOLE
2	24 in. 610mm	MANHOLE LID, FRAME & COVER
3	16 in. 406mm	MANHOLE LID, FRAME & COVER
4		LEDGER ANGLE (TYP.)
5		SUPPORT FRAME
6		DIP PLATE
7		CENTER SHAFT & CONE
8		BENCHING SKIRT
9	18 in. 457mm	FLOATABLES LID W/ VENT
10	18 in. 457mm	OVERFLOW PIPE STUB
11	18 in. 457mm	TANGENTIAL INLET PIPE (BY OTHERS)
12	18 in. 457mm	OVERFLOW PIPE (BY OTHERS)
		PIPE COUPLING (BY OTHERS)

EQUIPMENT PERFORMANCE

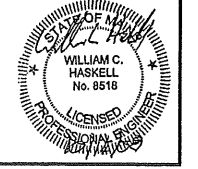
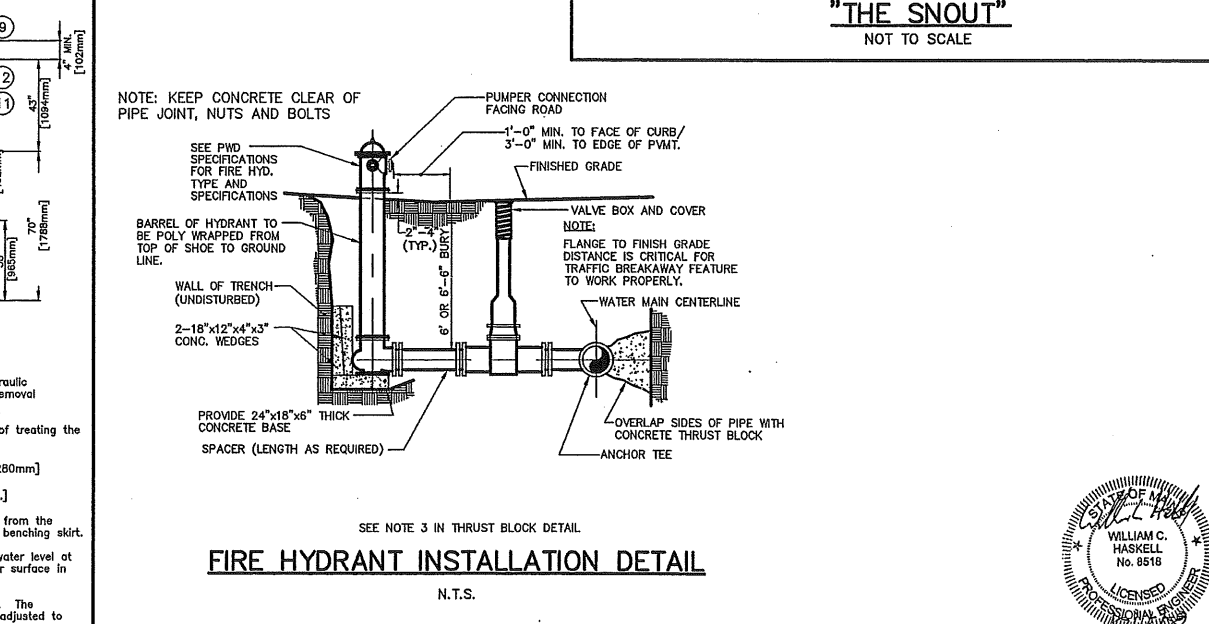
SECTION A-A

The stormwater treatment unit shall adhere to the hydraulic parameters given in the chart below and provide the removal efficiencies and storage capacities as follows:

- Performance objectives: The unit shall be capable of treating the peak flow rate listed below.
- Peak treatment flow: 8.0 cfs [227 l/s]
- Depth of flow in overflow pipe at 8.0 cfs: 11 in. [280mm]
- Estimated headloss* at 8.0 cfs: 8 in. [204mm]
- Sediment storage capacity: 2.10 Cu. yd. [1.61 cu.m.]
- Oil storage capacity: 230 gal. [871 liters]
- Sediment shall be stored in a zone that is isolated from the main flow path and protected from reentrainment by a benching skirt.

*Headloss is defined as the difference between static water level at the inlet of the Downstream Defender to the free water surface in the overflow pipe, assuming free discharge.

Dimensions are general and intended for guidance only. The orientation of the inlet pipe and overflow pipe can be adjusted to site requirements. See site plan for orientation.



S:\Lund Projects\1958-30.Dwg\1958-30.Dwg - Oct 14, 2008 - 8:28am

Rev.	Date	Revision
1	9/23/08	ADDED SIDEWALK AT LARABEE ROAD ENTRANCE.

RESPONSE TO COMMENTS	Date	By
CITY OF PORTLAND SITE PLAN REVIEW	04/30/08	WCH

Design: RJB Draft: JBC Date: MAR 2008
Checked: WCH Scale: NTS Job No.: 1958
File Name: 1958-DET.dwg
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GP Gorrill-Palmer Consulting Engineers, Inc.
PO Box 1237 Transportation and Civil Engineering Services 207-657-6910
15 Shaker Road Gray, ME 04039 FAX: 207-657-6912
E-Mail: mail@gorrillpalmer.com

Drawing Name: **Utility Details**
Project: **Proposed Restaurant**
Client: **Mastoran Corporation**
822 Lexington Street 2nd Floor - Waltham, MA 02452-4848

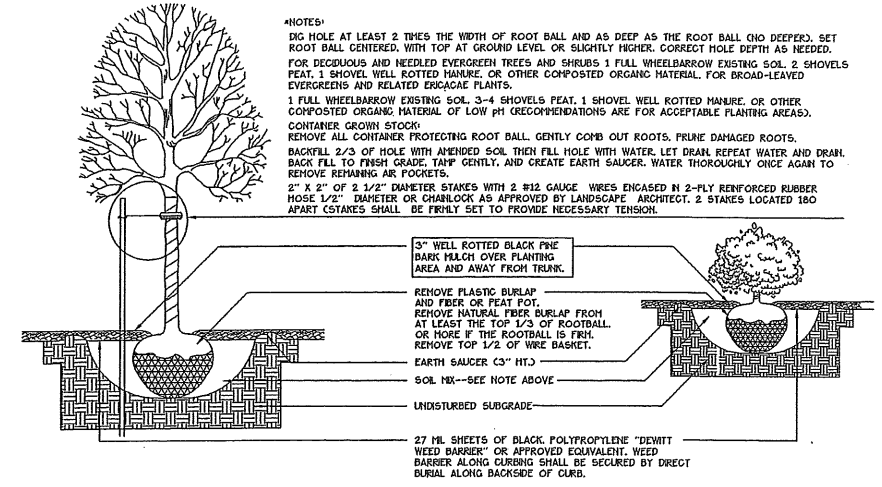
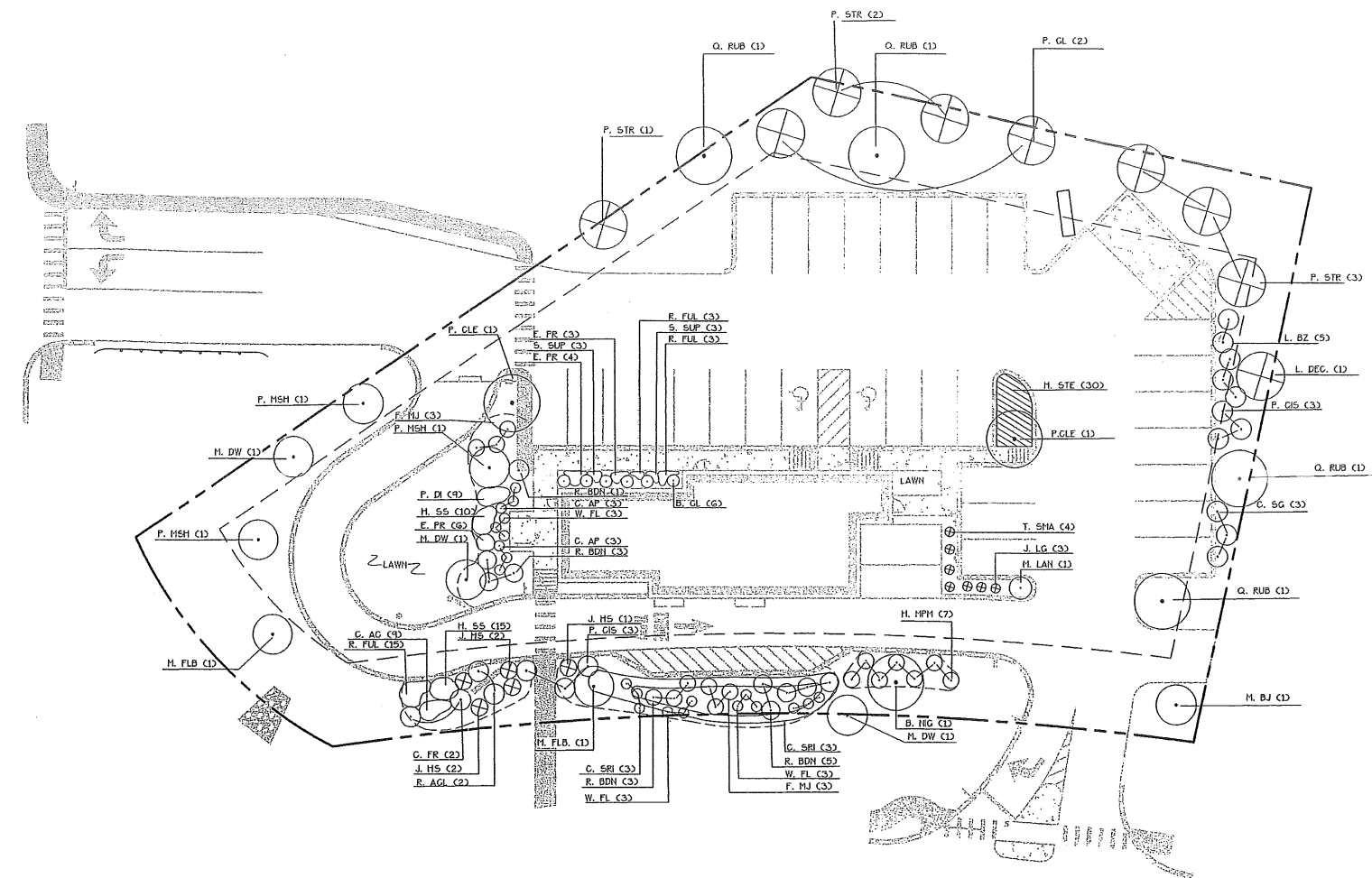
Drawing No. **C403**

GENERAL PLANTING NOTES

- CALL DIG-SAFE (1-888-344-7233) PRIOR TO BEGINNING WORK. THE LANDSCAPE CONTRACTOR IS ADVISED OF THE PRESENCE OF UNDERGROUND UTILITIES AND SHALL VERIFY THE EXISTENCE AND LOCATION OF SAME BEFORE COMMENCING AND DIGGING OPERATIONS. THE LANDSCAPE CONTRACTOR SHALL REPLACE OR REPAIR UTILITIES PAVING, WALKS, CURBING, ETC. DAMAGED IN PERFORMANCE OF THIS JOB AT NO ADDITIONAL COST TO OWNER.
- CONTRACTOR SHALL THOROUGHLY FAMILIARIZE HIMSELF WITH ALL SITE CONDITIONS PRIOR TO CONSTRUCTION BIDDING.
- DO NOT SCALE FROM DRAWINGS. ANY OMISSIONS IN DIMENSIONING SHALL BE REPORTED IMMEDIATELY TO THE LANDSCAPE ARCHITECT. ANY DISCREPANCIES BETWEEN DRAWINGS, DETAILS, NOTES AND SPECIFICATIONS SHALL BE IMMEDIATELY REPORTED TO THE LANDSCAPE ARCHITECT FOR FURTHER DIRECTION AND RESOLUTION BEFORE ANY ADDITIONAL WORK PROCEEDS.
- PROVIDE SMOOTH TRANSITION WHERE NEW WORK MEETS EXISTING CONDITIONS.
- CONTRACTOR SHALL FURNISH AND PLACE 12 INCHES OF LOAM IN ALL SHRUB BEDS, 30 INCHES IN ALL TREE FITS, AND 6 INCHES UNDER ALL TURF AREAS. THE LANDSCAPE CONTRACTOR SHALL COORDINATE SUBGRADE PREPARATION WITH THE GENERAL CONTRACTOR PRIOR TO PLACING LOAM.
- ALL PLANT MATERIAL INSTALLED SHALL MEET THE SPECIFICATIONS OF "AMERICAN STANDARDS FOR NURSERY STOCK BY THE AMERICAN ASSOCIATION OF NURSERYMEN".
- ALL PLANT MATERIAL SHALL BE FREE FROM INSECTS AND DISEASE.
- ALL PLANTING SHALL BE DONE IN ACCORDANCE WITH ACCEPTABLE HORTICULTURAL PRACTICES. THIS IS TO INCLUDE PROPER PLANTING PM, PLANT BED AND TREE FIT PREPARATION, FRUNING STAKING OR CUYING WRAPPING, SPRAYING, FERTILIZATION, PLANTING AND ADEQUATE MAINTENANCE UNTIL ACCEPTANCE FROM THE OWNER.
- ALL GRASS, OTHER VEGETATION AND DEBRIS SHALL BE REMOVED FROM ALL PLANTING AREAS PRIOR TO PLANTING.
- EXISTING TREES TO BE PRESERVED SHALL BE PROTECTED DURING CONSTRUCTION AND SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR.
- ALL SHRUB BEDS AND TREE FITS SHALL BE MULCHED WITH 3" CLEAN SHREDDED BLACK MULCH.
- ANY DEVIATION FROM THE LANDSCAPE PLAN, INCLUDING PLANT LOCATION, SELECTION, SIZE, QUANTITY, OR CONDITION SHALL BE REVIEWED AND APPROVED BY THE OWNER AND LANDSCAPE ARCHITECT (AND MUNICIPAL AUTHORITY, IF APPLICABLE) PRIOR TO INSTALLATION ON SITE.
- WHERE INDICATED ON PLAN, PLANTING SOIL MIXTURE FOR GROUND COVER AND PERENNIAL BED AREAS SHALL CONSIST OF FOUR PARTS TOPSOIL, TWO PARTS SPHAGNUM PEAT MOSS, AND ONE PART HORTICULTURAL PERLITE BY VOLUME. PEAT MOSS MAY BE SUBSTITUTED WITH WELL-ROTTED OR DEHYDRATED MANURE OR COMPOST. ROTOTILL BEDS TO A DEPTH OF 8 INCHES.
- DAMAGE TO EXISTING SITE IMPROVEMENTS DURING INSTALLATION OF LANDSCAPE MATERIAL SHALL BE THE RESPONSIBILITY OF THE LANDSCAPE CONTRACTOR.
- ALL PLANTING BEDS AND TURF AREAS SHALL BE PROVIDED WITH IRRIGATION. IRRIGATION SYSTEM TO BE DESIGN BUILT.
- CONTRACTOR SHALL COORDINATE INSPECTION OF PLANT MATERIAL AND LOCATIONS WITH PROJECT LANDSCAPE ARCHITECT PRIOR TO INSTALLATION. A MINIMUM OF 48 HOUR NOTIFICATION SHALL BE REQUIRED.
- ALL LAWN AREAS SHALL BE SODDED WITH STRONGLY ROOTED DROUGHT RESISTANCE SOD, NOT LESS THAN 2 YEARS OLD, AND FREE OF WEEDS AND UNDESIRABLE NATIVE GRASSES. MACHINE CUT TO PAD THICKNESS OF 3/4" (1/4").

PLANT LIST

KEY	QTY	BOTANICAL NAME	COMMON NAME	SIZE
TREES				
B. NG	1	BETULA NIGRA	RIVER BIRCH	10'-12' CLUMP
L. DEC	1	LARIX DECIDUA	EUROPEAN LARCH	#5
M. FL	2	MALUS FLOREBUNDA	JAPANESE FLOWERING CRABAPPLE	1.5' CAL
M. BJ	1	MALUS BACGATA 'JACOB'	FLOWERING CRABAPPLE	1.5' CAL
M. DW	3	MALUS DONALD WYMAN	DONALD WYMAN	1.5' CAL
M. LAN	1	MALUS LANCELOT	LANCELOT	1.75' CAL
P. CLE	2	PIRUS CLEVELAND	CLEVELAND PEAR	2' CAL
P. CL	2	PICEA CLAUCA	WHITE SPRUCE	5'-6'
P. ST	6	PIRUS STROBIS	WHITE PINE	5'-6'
P. MSH	3	PRUNUS 'MT ST HELENS'	MT ST HELENS	1.5'
Q. RUB	4	QUERCUS RUBRA	RED OAK	2"
SHRUBS				
B. GL	6	BUXUS 'GLENCOE'	CHICAGOLAND GREEN BOXWOOD	#3
C. AP	6	COTONEASTER APICULATUS	CRANBERRY COTONEASTER	#2
C. SRI	6	CORNUS SERICEA 'ISANTI'	COMPACT RED TWIG DOGWOOD	#3
C. FR	2	CORNUS SERICEA 'FARROW'	ARCTIC FIRE DOGWOOD	#3
C. SG	3	CORNUS SERICEA 'SILVER + GOLD'	SILVER + GOLD DOGWOOD	#3
F. MJ	6	FOTHERGILLA MAJOR 'MT AIRY'	MT AIRY FOTHERGILLA	#5
H. MPH	7	HYDRANGEA MACROPHYLLA 'PENNY MAC'	PENNY MAC HYDRANGEA	#3
J. HS	5	JUNIPERUS 'HOLGER'	SQUAMATA JUNIPER	#3
L. LG	3	JUNIPERUS 'LIME GLOW'	LIME GLOW JUNIPER	#3
L. BZ	5	LINDERA BENZON	SPICEBUSH	#3
P. C15	6	PRUNUS CISTENA	PURPLE SAND CHERRY	#4
R. AGL	2	RHODODENDRON 'AGLO'	AGLO RHODODENDRON	#3
R. BDN	12	RHODODENDRON 'BOULE DE NEIGE'	BOULE DE NEIGE	2'-2.5'
T. SMA	4	THUJA O. SHARAD 'EMERALD GREEN'	EMERALD GREEN ARBORVITAE	5'-6'
W. FL	9	WEIGELA FLORIDA 'BRAHWEIL'	FINE WINE WIEGELA	#4
PERENNIALS + ORNAMENTAL GRASS				
C. AC	9	CALAMAGROSTIS ACUTIFLORA KARL FOERSTER'	FEATHER REED GRASS	6" POT
E. PR	13	ECHINACEA 'SUMMER SKY'	SUMMER SKY GONEFLOWER	6" POT
H. SS	25	HEMEROCALLIS 'SILOAH SHOW GIRL'	SILOAH SHOW GIRL DAYLILY	6" POT
H. STE	30	HEMEROCALLIS 'STELLA D ORO'	STELLA D ORO DAYLILY	6" POT
P. DI	9	PENSTEMON DIGITALIS 'HUSKER RED'	HUSKER RED BEARDED TONGUE	6" POT
R. FL	21	RUBROCKIA FULDIGA	BLACK EYED SUSAN	6" POT
S. SUP	6	SALVIA x. SUPERBA 'MAY NIGHT'	MAY NIGHT SALVIA	6" POT

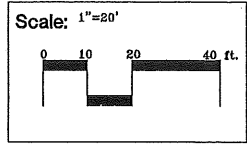
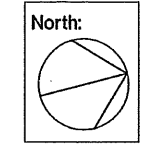


TREE AND SHRUB INSTALLATION DETAIL

LEGEND

PROPERTY LINE	
CATCHBASIN	
VERTICAL GRANITE CURB	
CONCRETE CURB	
SITE LIGHTING	
EXISTING DECIDUOUS TREE	
EXISTING EVERGREEN TREE	
PROPOSED DECIDUOUS TREE OR SHRUB	
PROPOSED EVERGREEN TREE OR SHRUB	

Prepared By:
Mitchell & Associates
 LANDSCAPE ARCHITECTS
 The Staples School
 70 Center Street
 Portland, Maine 04101
 Tel: (207) 774-4427



Standard Project: 1958-3D (DWG) 1958-MA-Landscaping.dwg - Oct 14, 2008 - 8:26am

Rev.	Date	Revision

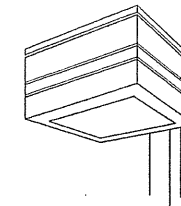
PERMIT APPLICATIONS	Date	By
Issued For	03/07/08	WCH

Design:	Draft:	Date:
Checked:	Scale:	Job No.: 1958
File Name: 1958-MA-Landscaping.dwg		
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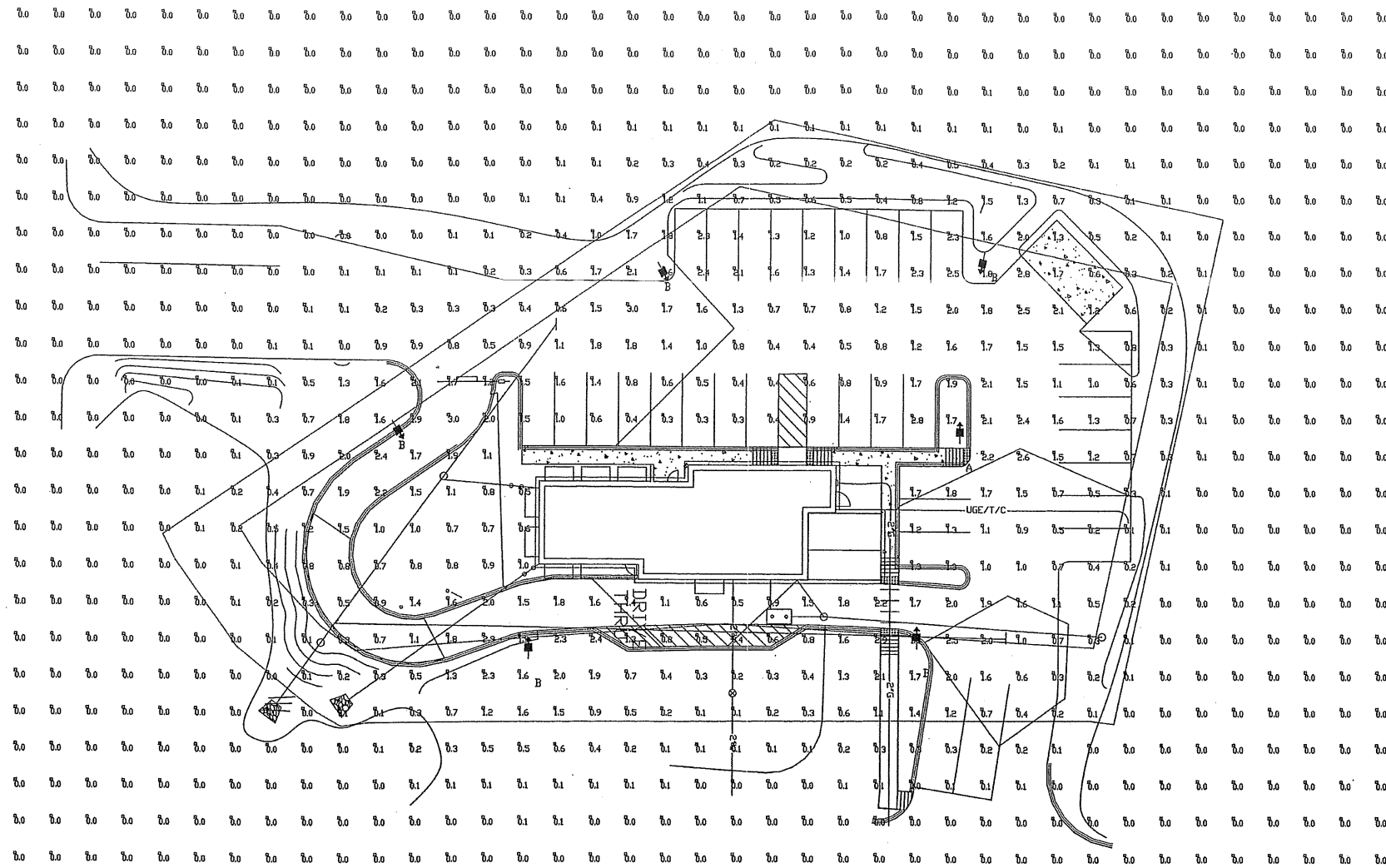
Drawing Name:	Landscaping
Project:	Proposed Restaurant Portland, Maine
Client:	Mastoran Corporation 822 Lexington Street 2nd Floor - Waltham, MA 02452-4848

Drawing No.
L101



GREENBRIAR FLAT LENS

THIS IS NOT AN LSI RECOMMENDED LIGHT LAYOUT.
LSI IS NOT RESPONSIBLE FOR SAFETY AND SECURITY RISKS DUE TO INADEQUATE LIGHT LEVELS.



Maintained Footcandle levels.

Statistical Area Summary					
Label	Avg	Max	Min	Avg/Min	Max/Min
PAVED AREA SUMMARY	1.33	3.0	0.2	6.65	15.00

Luminaire Schedule							
Symbol	Qty	Label	Arrangement	Lumens	LLF	Description	Total Watts
—☐→	1	A	SINGLE	14000	0.700	GB-2-175-MH-F SINGLE DN 16' POLE	210
—☐→	5	B	SINGLE	14000	0.700	GB-3-175-MH-F SINGLE DN 16' POLE	210

Based on the information provided, all dimensions and luminaire locations shown represent recommended positions. The engineer and/or architect must determine applicability of the layout to existing or future field conditions.
This lighting pattern represents illumination levels calculated from laboratory data taken under controlled conditions utilizing current industry standard lamp ratings in accordance with Illuminating Engineering Society approved methods. Actual performance

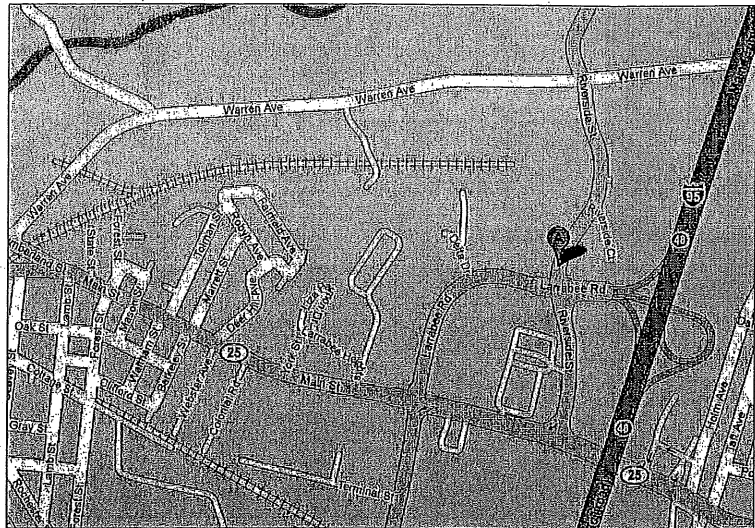
1	4/1/08	LLS
Rev.	Date	By
Revisions		
LIGHTING PROPOSAL FOR BURGER KING 123 RIVERSIDE PORTLAND, ME SCALE: 1/8" = 1'-0"		

BURGER KING

132 RIVERSIDE STREET

PORTLAND, MAINE

ALLIED PROJECT #08-063

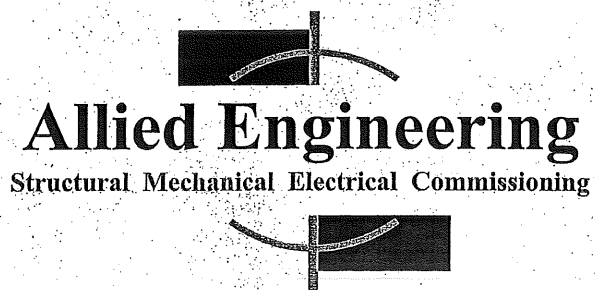


LOCATION MAP

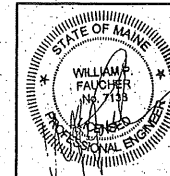
CD SUBMISSION
01/19/2009

DRAWING STATUS LIST

Sht No.	SHEET TITLE	ISSUE		DATE
		DESCRIPTION	ADDED TO CD SUBMISSION	
DRAWINGS				
A-1	FIRST FLOOR PLAN			01-19-09
A-2	ELEVATIONS			02-20-09
A-3	SECTIONS			
A-4	REFLECTED CEILING PLAN			
A-5	ROOF PLAN & DETAILS			
A-6	WALL SECTIONS & DETAILS			
A-7	WALL SECTIONS & DETAILS			
A-8	DOOR SCHEDULE & DETAILS			
A-9	MANUFACTURERS AND SUPPLIERS			
LS-1	LIFE SAFETY PLAN			
S-000	GENERAL NOTES			
S-001	TYPICAL DETAILS			
SB-100	FOUNDATION PLAN AND DETAILS			
SF-100	ROOF FRAMING PLAN AND TRUSS PROFILES			
SF-500	STRUCTURAL DETAILS			
PL-100	PLUMBING PLAN, SCHEDULES, LEGEND, DETAILS AND NOTES			
PL-101	PLUMBING PLAN, LEGEND, DETAILS AND NOTES			
MH-100	MECHANICAL PLAN, SCHEDULES AND NOTES			
MH-101	MECHANICAL ROOF PLAN AND DETAILS			
ES-100	ELECTRICAL SITE PLAN			
E-000	ELECTRICAL LEGEND, NOTES AND LUMINAIRE SCHEDULE			
E-002	EQUIPMENT PLAN FOR REFERENCE ONLY			
E-100	LIGHTING PLAN AND DETAILS			
E-101	POWER AND SYSTEMS PLAN AND DETAILS			
E-102	PANEL SCHEDULES AND RISER DIAGRAMS			
E-103	POS SYSTEM PLAN AND DETAILS			
E-104	INTERLOCK PANEL DETAILS			

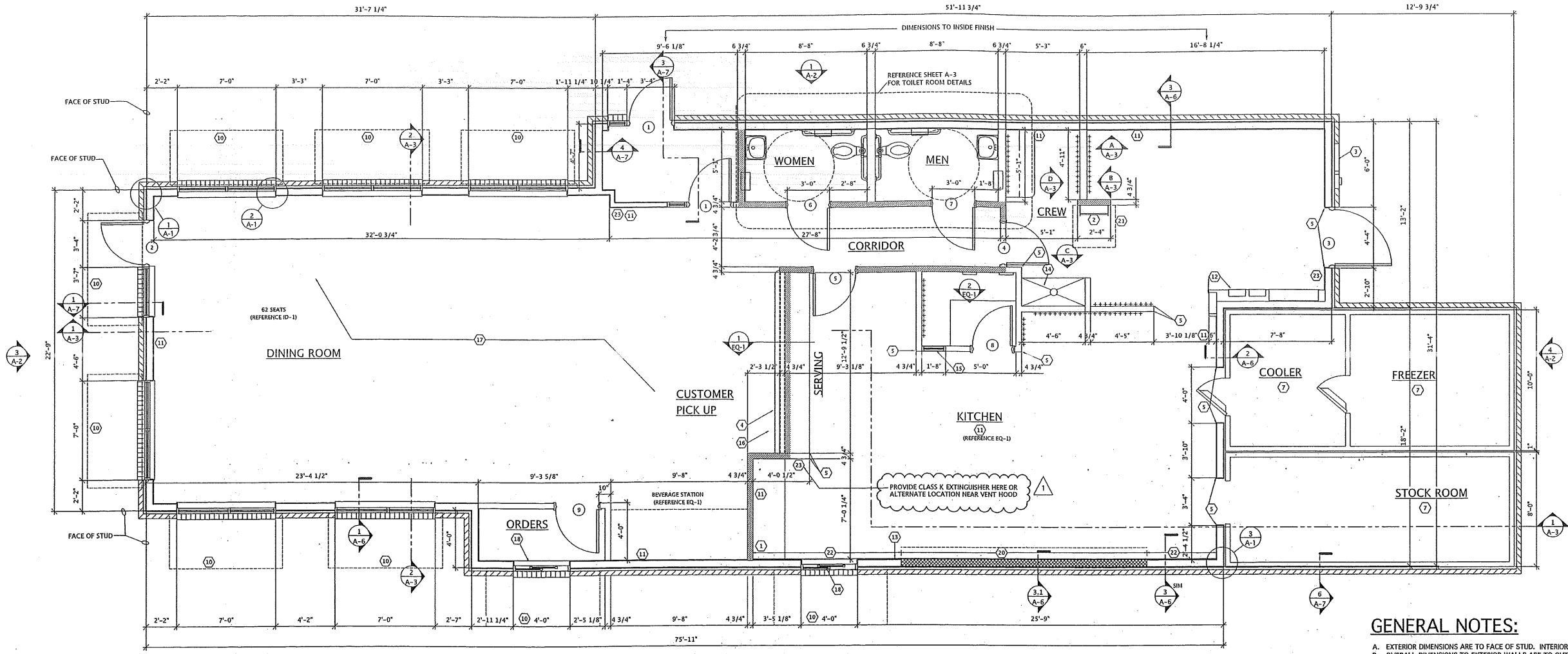


160 Veranda Street
Portland, Maine 04103
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F: 207.221.2266
Web: www.allied-eng.com



REVISIONS	DATE	BY	DESCRIPTION
1	1-29-2009		CLASS K FIRE EXTINGUISHER

Date: 01-19-2009	Drawn By: XXX	Checked By: XXX	Project Mgr: WFF	Project No: 08063	Call File: burgerking.vwx	Graphic Scale: 0"
FIRST FLOOR PLAN						
BURGER KING 132 RIVERSIDE STREET PORTLAND, MAINE						
A-1						



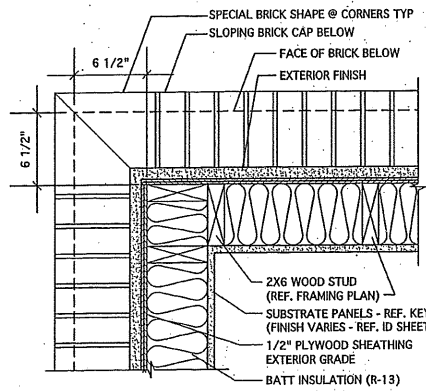
FLOOR PLAN
SCALE: 1/4" = 1'-0"
AREA: 2752 S.F.

GENERAL NOTES:

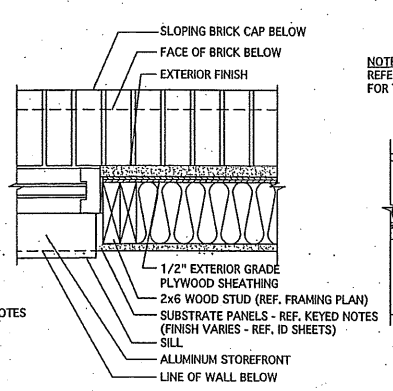
- A. EXTERIOR DIMENSIONS ARE TO FACE OF STUD. INTERIOR DIMENSIONS ARE TO FINISH.
- B. OVERALL DIMENSIONS TO EXTERIOR WALLS ARE TO OUTSIDE FACE OF STUD.
- C. SEE STRUCTURAL DRAWINGS FOR FACE OF FOUNDATION WALL BELOW.
- D. ALL ANGLED WALLS ARE AT 90° UNLESS NOTED OTHERWISE.
- E. FIRE EXTINGUISHER SHALL COMPLY WITH APPLICABLE BUILDING CODES AND LOCAL RESTRICTIONS. PROVIDE CLASS K EXTINGUISHER IN KITCHEN NEAR VENT HOOD.
- F. ELEVATION OF DRIVE-THROUGH LANE 2" (MAXIMUM) BELOW FINISH FLOOR ELEVATION. DRIVE-THROUGH LANE AT SAME ELEVATION AS FINISH FLOOR IS PREFERRED.

KEYED NOTES:

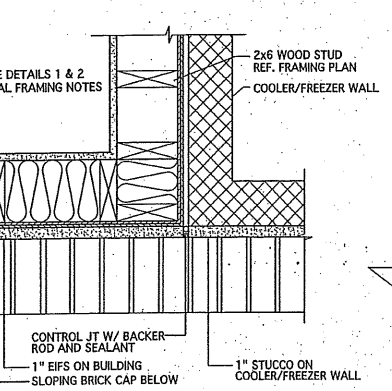
- 1 PROVIDE 10"x10" FINISHED OPENING THRU WALL CENTER AT 1'-1" A.F.F. FOR ROUTING OF UTILITIES.
- 2 LADDER TO ROOF.
- 3 ELECTRIC SERVICE. REFER TO ELECTRICAL DRAWINGS.
- 4 PARTITION BELOW COUNTER BY G.C., REFER TO DETAIL 1 SHEET EQ-1.
- 5 CORNER GUARDS - RIGID EXTRUDED PVC, REFER TO DETAIL 3 SHEET EQ-1.
- 6 MENU BOARD BULKHEAD ABOVE, REFER TO DETAIL 1 SHEET A-4.
- 7 EXTERIOR WALK-IN BOX W/FLOOR ON CONC. SLAB. VERIFY SIZE W/MANUFACTURER.
- 8 PROVIDE ADDITIONAL BLOCKING IN WALLS BEHIND PLUMBING FIXTURES FOR SUPPORT OF WATER LINES (TYPICAL).
- 9 WALL INDICATED WITH HATCH TO BE FRAMED AND FINISHED TO ROOF DECK. LINE OF AWNING ABOVE.
- 10 SUBSTRATE PANELS:
KITCHEN - CREW - RESTROOMS
5/8" USG 'DUROCK' PANELS AT FINISH FLOOR TO 2'-0" A.F.F.
5/8" WATER RESISTANT GYPSUM BOARD FROM 2'-0" A.F.F. TO 6" ABOVE FINISHED CEILING.
PROVIDE ALTERNATE BID OF 5/8" USG 'FIBEROCK' PANELS IN LIEU OF DUROCK.
DINING ROOM - CORRIDOR - VESTIBULE
5/8" TYPE USG 'SHEETROCK', 'X' GYPSUM WALL BOARD.
FINISH: CORONADO PAINT - LIGHT ORANGE PEEL APPLIED WITH CORONADO AIR ASSIST TIP (Z-122KD) OR EQUAL.
- 11 RECESSED ELECTRICAL CONTACTOR PANEL & PANELS 'A', 'B', & 'M' IN FURRED OUT WALL ADJACENT TO EXTERIOR FRAMING. G.C. TO VERIFY PANEL SIZES PRIOR TO FURR-OUT TO INSURE ADEQUATE SPACE.
- 12 STAINLESS STEEL PANELS BELOW AND 18" WIDE AT EACH SIDE OF HOOD SUPPLIED BY HOOD MANUFACTURER AND INSTALLED BY G.C.
- 13 CAN WASH - DUROCK SUBSTRATE ON ALL THREE SIDES, FLOOR TO CEILING.
- 14 OFFICE WINDOW. REFERENCE SHEET A-8
- 15 COUNTER BY DECOR SUPPLIER OR G.C.
- 16 TILE FLOOR (REF. SPECIFICATIONS, SHT ID SHEETS)
- 17 DRIVE-THRU SLIDING WINDOW.
- 18 ++++++ INDICATES 5/8" PLYWOOD BACKING ON WALLS FOR EQUIPMENT AS INDICATED ON PLAN OR SHELF SUPPORT FROM 48" A.F.F. TO 96" A.F.F., BEHIND 3 COMPARTMENT SINK AND PREP SINK AND ON BULKHEAD AT MENU BOARD WALL FROM 6'-8" A.F.F. TO BOTTOM OF ROOF TRUSS.
NOTE: PLYWOOD BACKING TO BE FULL HEIGHT ON BOTH SIDES CREW ROOM WALL.
- 19 USG 5/8" DUROCK (BOTH SIDES) ON 6" CEE STUD FRAMING AT 16" O.C. BEHIND HOOD. WALL TO EXTEND AS SHOWN (18" BEYOND EACH END OF HOOD).
- 20 LOCATION OF ROOF HATCH ABOVE.
- 21 PROVIDE 1" LAYER OF 1/2" GWB ON INSIDE FACE OF WOOD STUDS AT EITHER SIDE OF METAL STUDS FOR FINISH SURFACE TO INSTALL FINISH 5/8" GWB. 5/8" GWB FACE TO ALIGN WITH FACE OF DUROCK SHEATHING ON METAL STUDS.
- 22 FIRE EXTINGUISHER LISTED AND LABELED BY FM: J.L. INDUSTRIES: COSMOPOLITAN SERIES 1037F17
LARSSENS: ARCHITECTURAL SERIES SS 2409-6R
POTTER-ROEMER: ALTA SERIES 7062-A-2
PROVIDE WALL MOUNT BRACKET FOR EACH INSTALLATION, COORDINATE LOCATIONS W/ OWNER.



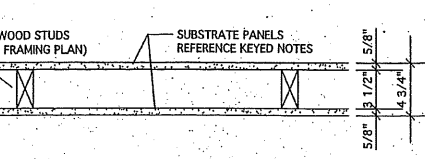
PLAN DETAIL 1
SCALE: 1 1/2" = 1'-0"



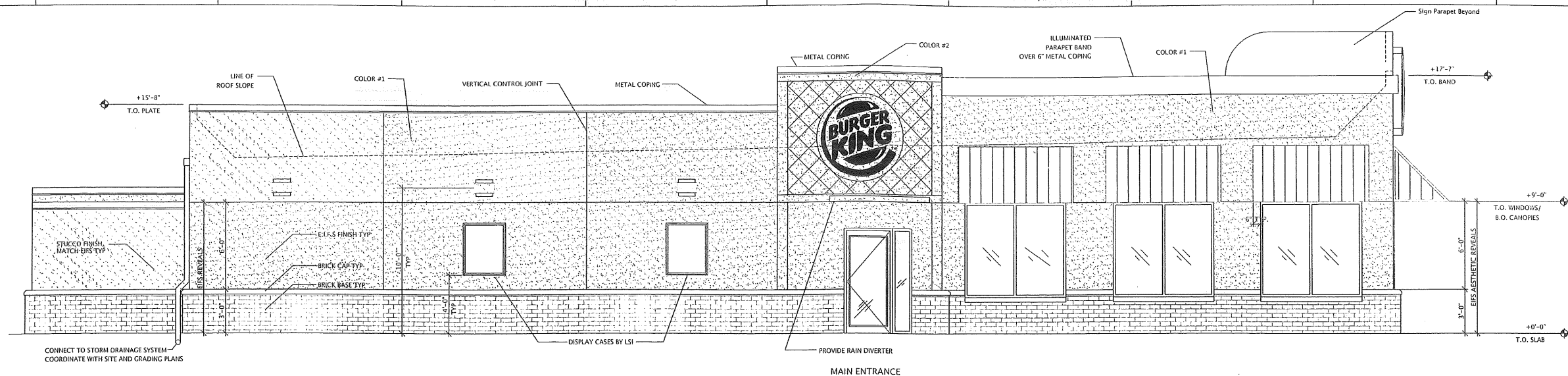
PLAN DETAIL 2
SCALE: 1 1/2" = 1'-0"



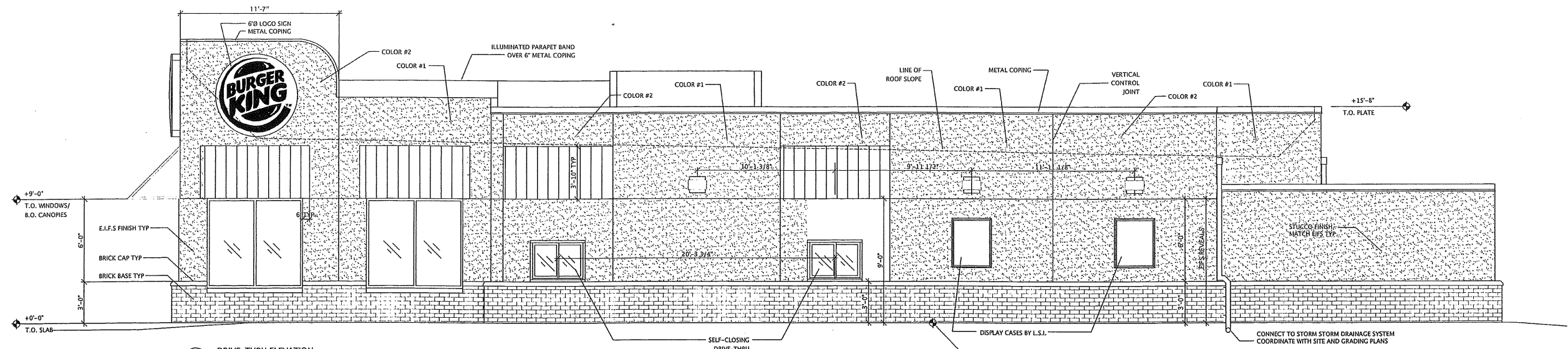
PLAN DETAIL 3
SCALE: 1 1/2" = 1'-0"



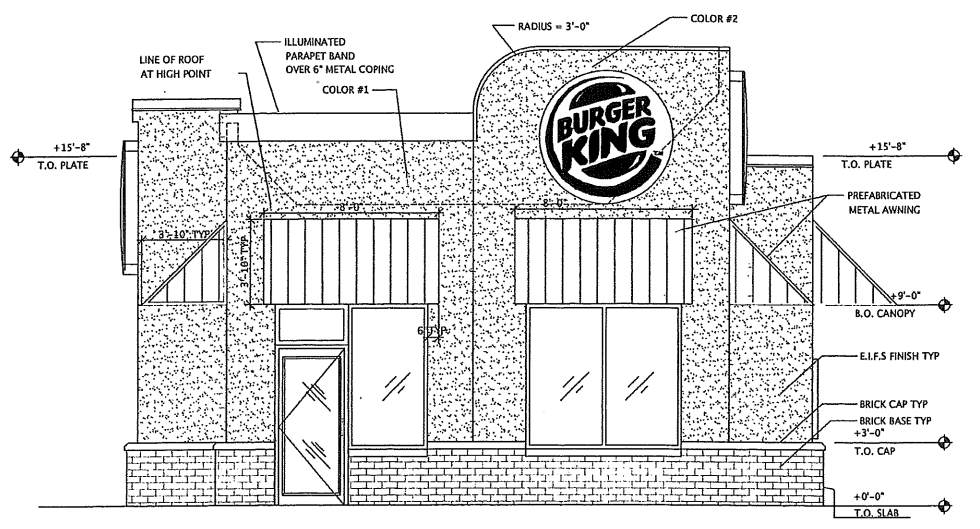
TYP. INTERIOR PARTITION
SCALE: 1 1/2" = 1'-0"



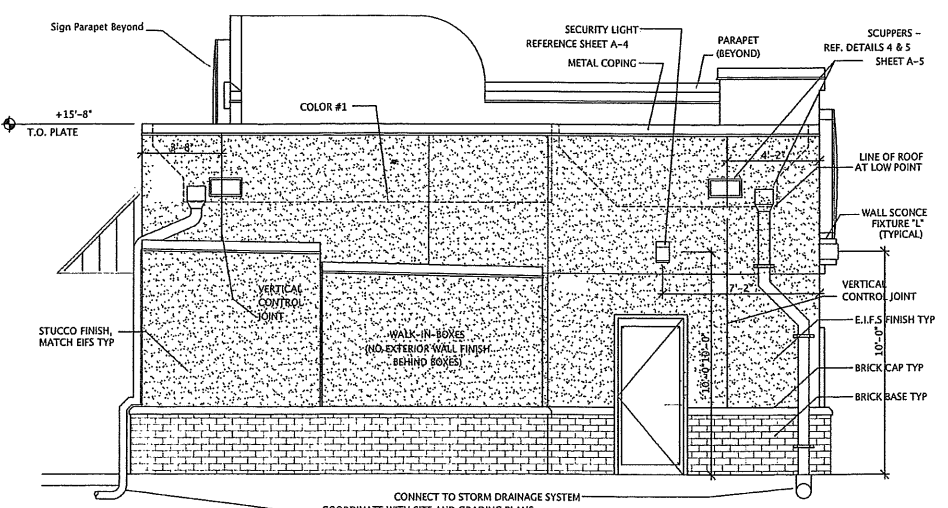
1 MAIN ENTRANCE ELEVATION
SCALE: 1/4"=1'-0"



2 DRIVE-THRU ELEVATION
SCALE: 1/4"=1'-0"



3 FRONT ELEVATION
SCALE: 1/4"=1'-0"



4 REAR ELEVATION
SCALE: 1/4"=1'-0"

EXTERIOR BUILDING FINISH SPECIFICATIONS

EXTERIOR FINISH			
	ICI PAINTS MASTER PALETTE		
	OPTION #1	OPTION #2	OPTION #3
COLOR #1	#90YR 62/022 WHITE HIGH- HIDING #2013	#30YR 65/171 PAPER-MACHE #651	#20YR 69/238 STUCCO # 562
COLOR #2	#90YR 17/158 BLUE DOOR #1492	#10YR 30/295 WESTERN TRAIL #462	#70YR 20/239 WADSWORTH #308
WALK-IN BOX (PRE- FINISHED)	GRAY	ALMOND	ALMOND
			#40YR 67/087 #A1850

WITH E.I.F.S. FINISHES, USE HIGH IMPACT REINFORCING MESH FROM BRICK TO 6'-0" A.F.F. PROVIDE STUCCO CONTROL JOINTS AS REQUIRED. STUCCO OR EPS TO BE PAINTED. PROVIDE OWNER'S STANDARD E.I.F.S. SYSTEM AS MANUFACTURED BY STO CORP.

MASONRY SPECIFICATION AT WALL BASE

FACE BRICK: ASTM C 216, GRADE SW, TYPE FBS EXTRUDED; UNIT COMPRESSIVE STRENGTH 8000 PSI; RATED "NOT EPFLORESCED" BY ASTM C 67 TESTING
 SIZE: MODULAR 3 1/2 TO 3 5/8 INCHES WIDE BY 2 1/4 INCHES HIGH BY 7 1/2 TO 7 5/8 INCHES LONG.
 PRODUCTS: OLD FORT BLEND, NARROW FLASHED RANGE BY MORRIS BRICK COMPANY OR EQUAL.
 PROVIDE SOLID UNITS WITHOUT COMES FOR APPLICATIONS WHERE BRICK IS RECESSED, CORBELLED OR USED AS WINDOW SILL.
 PROVIDE SPECIAL SHAPES WHERE STRETCHER UNITS CANNOT ACCOMMODATE SPECIAL CONDITIONS OR THERE WOULD RESULT IN SAWED SURFACES BEING EXPOSED TO VIEW.
 PORTLAND CEMENT: ASTM C 150, TYPE I OR II
 HYDRATED LIME: ASTM C 207, TYPE S
 PORTLAND CEMENT-LIME MIX: ASTM C 150, TYPE I OR TYPE II; TYPE S MASONRY CEMENT
 AGGREGATE FOR MORTAR: ASTM C 144 (ASTM C 404 FOR GRAUT)
 WATER: POTABLE
 MASONRY FLASHING: RUBBERIZED-ASPHALT COMPOUND BONDED TO HIGH DENSITY CROSS LAMINATED POLYETHYLENE FILM, THICKNESS 0.040 INCH.
 GUR-O-BARRIER, GUR-O-WAL, INC.
 FORM-A-BARRIER WALL FLASHING: W.A. GRACE & CO.
 POLY-BARRIER SELF-ADHESING WALL FLASHING: POLYTYTE MANUFACTURING CORP.

METAL AWNING FINISH SPECIFICATIONS

WELDED CLEAR ALUMINUM TUBING MIN. 1" SQUARE WITH STANDING SEAM ROOFING TO BE PREFINISHED METAL (BOTH SIDES) WITH KYNAR 300 OR EQUIVALENT PAINT. COLOR: BK BLUR ALUMINUM PANEL BY FREESTONE METAL PRODUCTS: (800) 426-7737 OR 24 GAUGE METAL PANELS BY BERTRIDGE ROOFING: (800) 609-0009
 REFERENCE SHEET A-9 FOR AWNING FABRICATORS.

METAL COPING

PAINT WITH GILDED DEVLEX WATERBORNE ACRYLIC LATEX "SAFETY RED"

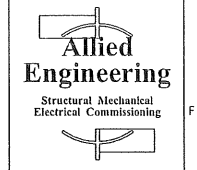
WINDOWS, ENTRY DOORS, DOOR FRAMES

WINDOW MULLIONS, ENTRY DOORS, DOOR FRAMES, TRANSOM & SIDELITES CLEAR ANODIZED ALUMINUM FINISH.

DELIVERY DOOR, TRASH GATE, SCUPPERS AND DOWNSPOUTS

GLOSS EXTERIOR ENAMEL FOR METAL SURFACES: MATCH COLOR #2

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482 Congress Street Suite 200
Portland, Maine 04107
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Fax: 207.774.9126
email: info@hkta.com

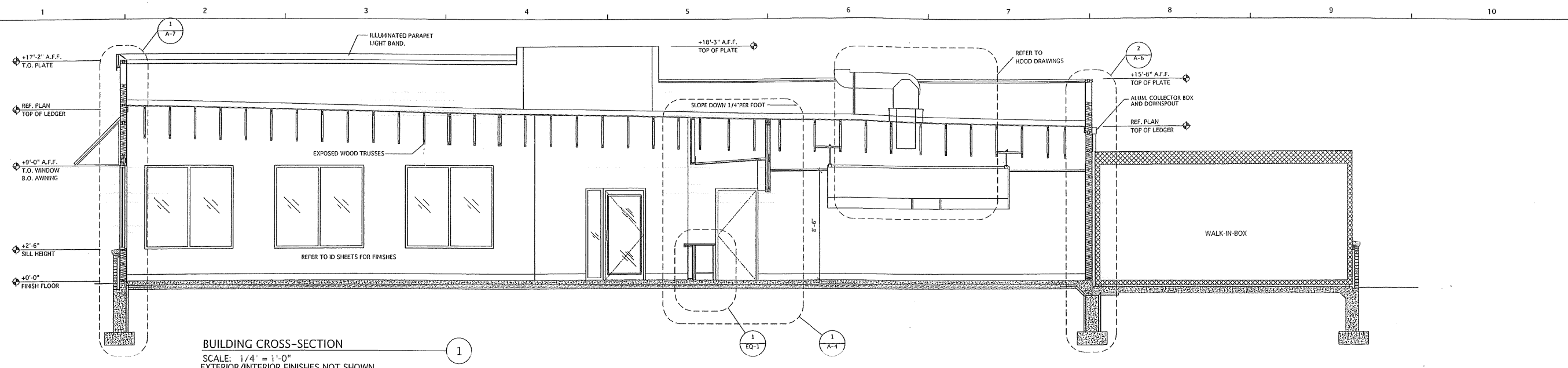


160 Veranda Street
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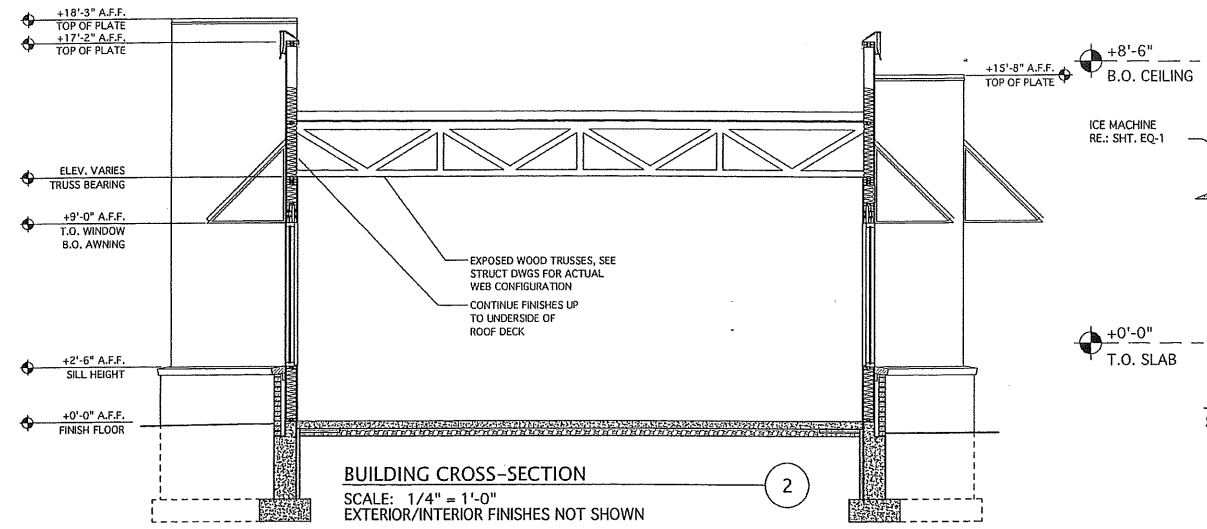


REVISIONS	DESCRIPTION	NUMBER	DATE	BY

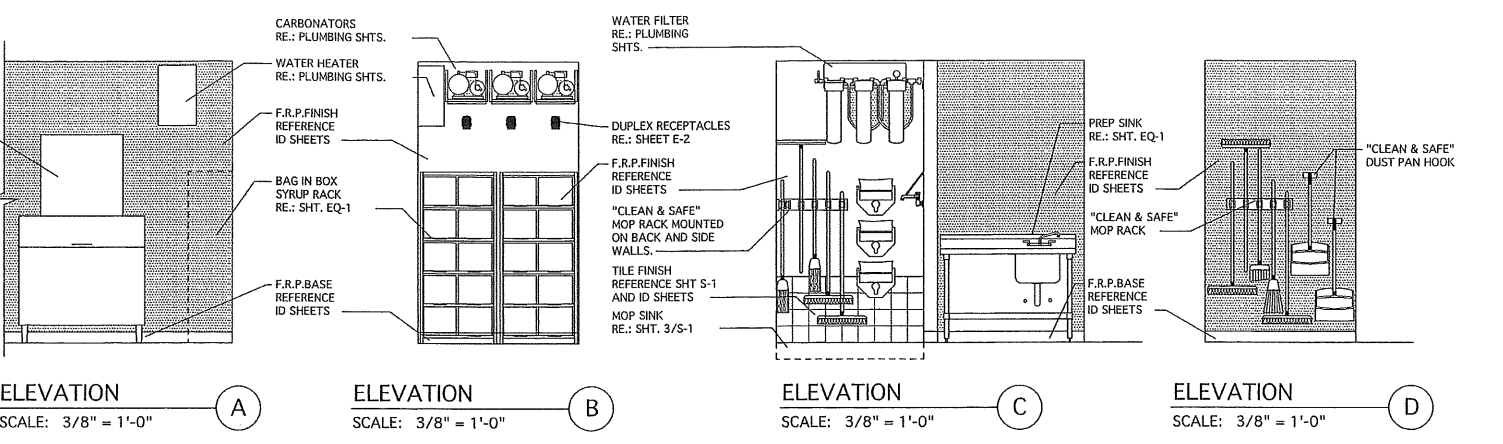
ELEVATIONS
BURGER KING
132 RIVERSIDE STREET
PORTLAND, MAINE



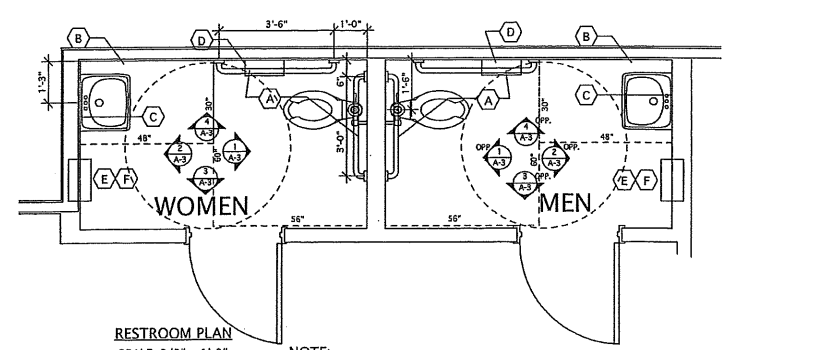
BUILDING CROSS-SECTION
 SCALE: 1/4" = 1'-0"
 EXTERIOR/INTERIOR FINISHES NOT SHOWN



BUILDING CROSS-SECTION
 SCALE: 1/4" = 1'-0"
 EXTERIOR/INTERIOR FINISHES NOT SHOWN



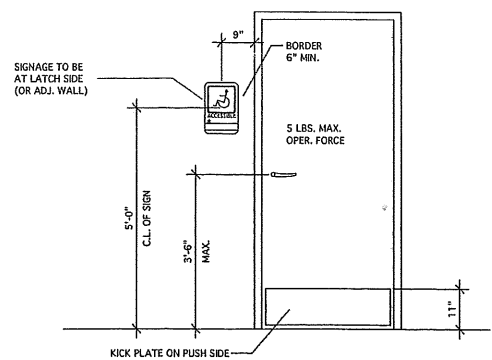
ELEVATION A SCALE: 3/8" = 1'-0"
ELEVATION B SCALE: 3/8" = 1'-0"
ELEVATION C SCALE: 3/8" = 1'-0"
ELEVATION D SCALE: 3/8" = 1'-0"



RESTROOM PLAN
 SCALE: 3/8" = 1'-0"
 NOTE: TOILET ROOM LAYOUTS ARE BASED UPON ADAAG MANUAL, PAGE 88, SINGLE USER TOILET ROOMS: SPLIT PLUMBING DIAGRAM TOP RIGHT.



* - REFERS TO "GRADE 2" BRAILLE AREA
 EGGSHELL MATTE, NON-GLARE,
 70% CONTRAST MIN.
 ILLUM. 30-70 FT. CANDLES (INT)
 LETTERS: 1" UPPERCASE AT OR
 BELOW 66". ABOVE 66" 3" U.C.



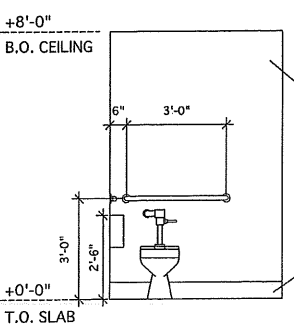
RESTROOM SIGN DETAIL
 SCALE: 1/2" = 1'-0"

GENERAL NOTES:

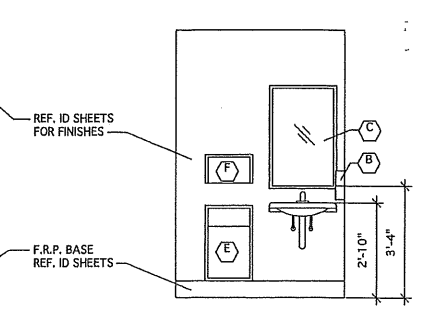
- A. FOR INTERIOR FINISHES, REFER TO FINISH ID SHEETS.
- B. PLUMBING FIXTURES TO BE PROVIDED BY G.C.

TOILET ACCESSORIES:

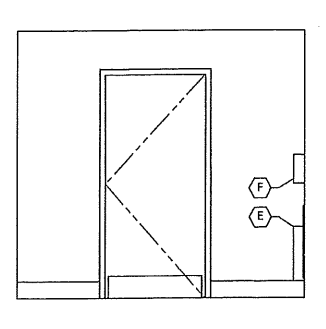
- (A) GRAB BAR - 250 LBF. MINIMUM, (33" MIN.- 36" MAX. HEIGHT) BOBRICK WASHROOM EQUIPMENT, INC. PROVIDE THE REQUIRED QUANTITY AND LENGTH AS INDICATED ON THE DRAWINGS OR AS REQUIRED BY THE GOVERNING CODE. THE BAR SHALL 1 1/2" IN DIAMETER AND MOUNTED WITH 1 1/2" CLEARANCE FROM THE WALL.
- (B) WALL MOUNTED SOAP DISPENSER & HAND SANITIZER DISPENSER (36" MAXIMUM HEIGHT) SUPPLIED BY ECOLOB AND INSTALLED BY G.C.
- (C) MIRROR (BOTTOM OF REFLECTIVE SURFACE AT 40" MAXIMUM HEIGHT) MODEL B-165-1836 (18"X36") STAINLESS STEEL CHANNEL FRAME MIRROR WITH THEFT RESISTANT SCREWS BY BOBRICK WASHROOM EQUIPMENT, INC., OR APPROVED EQUAL.
- (D) TOILET PAPER HOLDER, TWIN JUMBO MODEL B-2892 BY BOBRICK WASHROOM EQUIPMENT, INC OR EQUAL.
- (E) PAPER WASTE RECEPTACLE (REQUIRED) MODEL B-3644 AS MANUFACTURED BY BOBRICK WASHROOM EQUIPMENT, INC., OR APPROVED EQUAL (ROUGH OPENING 16"W, 29 1/4"H, 4"D MIN)
- (F) PAPER TOWEL DISPENSER SUPPLIED BY PAPER TOWEL SUPPLIER AND INSTALLED BY G.C. PAPER TOWEL DISPENSER - SAN JAMAR MODEL # T-1290WS (800)248-9826 x113



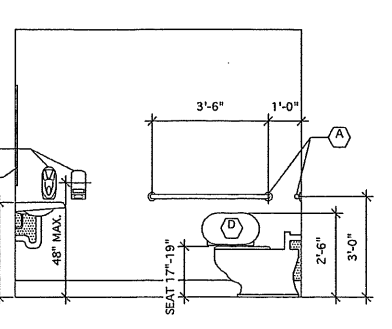
ELEVATION 1
 SCALE: 3/8" = 1'-0"



ELEVATION 2
 SCALE: 3/8" = 1'-0"

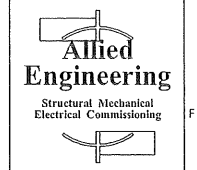


ELEVATION 3
 SCALE: 3/8" = 1'-0"



ELEVATION 4
 SCALE: 3/8" = 1'-0"

HKTA / architects
 482 Congress Street Suite 200
 Portland, Maine 04101
 Phone: 207.774.0016
 Fax: 207.774.9128
 email: hktainc@aol.com



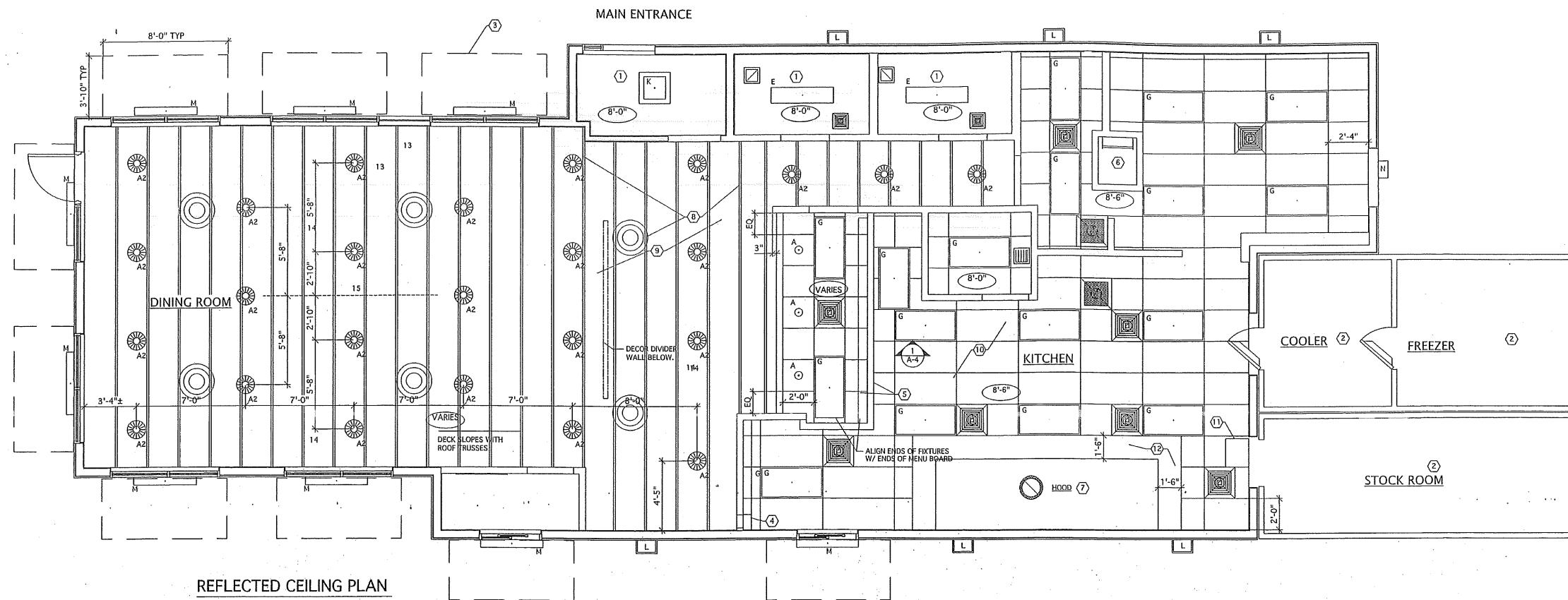
160 Veranda Street
 Portland, Maine 04103
 T: 207.221.2260
 F: 207.221.2266
 Web: www.allied-eng.com



REVISIONS	DESCRIPTION	NUMBER	DATE	BY

Date: 01-19-2009	Drawn By: XXX	Checked By: XXX	Project Mgr: WPF	Project No: 08063	Card File: FILENAME.dwg	Scale: 1"
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SECTIONS
 BURGER KING
 132 RIVERSIDE STREET
 PORTLAND, MAINE

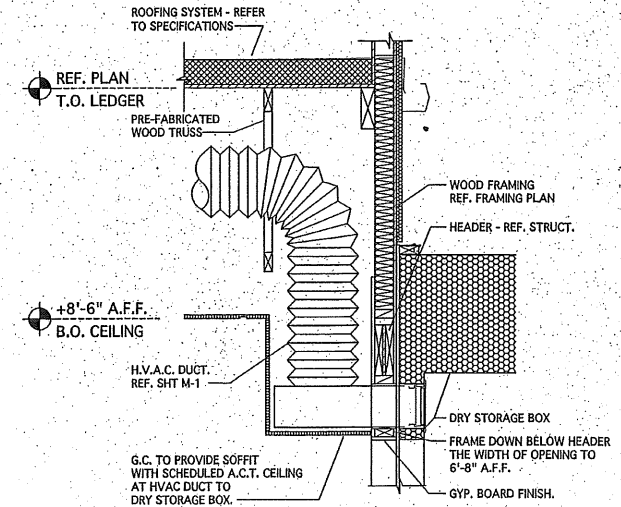
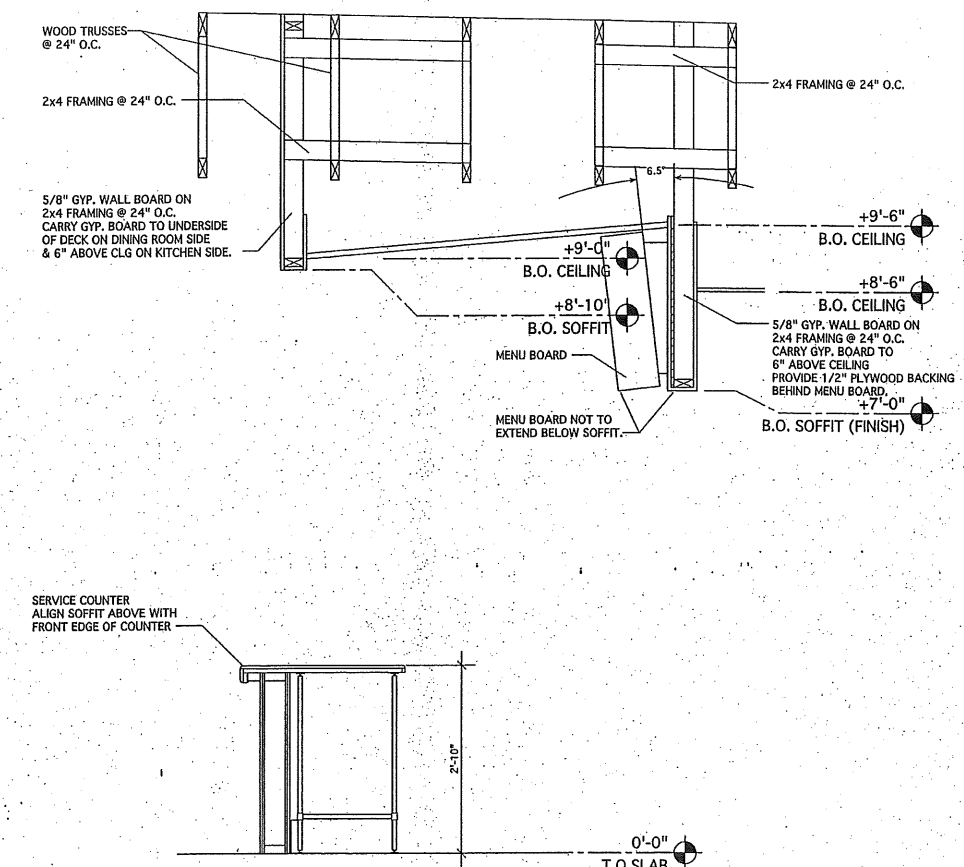


GENERAL NOTES:

- A. ALL DIMENSIONS SHOW ON REFLECTED CEILING PLAN ARE FROM FACE OF WALL FINISH UNLESS NOTED OTHERWISE
- B. THE REFERENCE HEIGHTS INDICATED ON PLAN ARE FROM APPROXIMATE FINISH FLOOR (A.F.F.)
- C. GENERAL CONTRACTOR TO COORDINATE DINING ROOM LIGHTING WITH APPROVED INTERIOR DECOR PLANS.
- D. CONTRACTOR SHALL VERIFY FIXTURE QUANTITIES AND ALSO MAKE PROPER ADJUSTMENTS FOR ANY CHANGES IN PLAN DUE TO ADDITIONAL REQUIREMENTS, LOCAL CODES, ETC.
- E. FOR H.V.A.C. PLAN, SECTIONS, DUCT LOCATIONS, SUPPLY AND RETURN AIR GRILLE SIZES AND ADDITIONAL INFORMATION SEE SHEET M-1.
- F. ALL FIXTURES SHALL BE LOCATED IN CENTER OF CEILING TILES UNLESS OTHERWISE NOTED.
- G. SEE SHEET E-1 FOR LIGHTING LAYOUT REQUIREMENTS AND ADDITIONAL INFORMATION.
- H. FOR FINISH SPECIFICATIONS, REFER TO FINISH SCHEDULE ON ID SHEETS
- I. CONTRACTOR TO COORDINATE PENDANT LIGHT LOCATIONS WITH DECOR SUPPLIERS DRAWINGS.

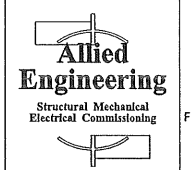
KEYED NOTES:

- ① GYPSUM BOARD CEILING
- ② NO CEILING (WALK-IN BOX), REFER TO W.I.B. DRAWINGS FOR INTERIOR LIGHT FIXTURES
- ③ PREFABRICATED METAL AWNING
- ④ SERVICE CHASE, REFER TO PLUMBING SHEET.
- ⑤ MENU BOARD AND HEADER. REFERENCE DTL 1/A-4
- ⑥ ROOF ACCESS LADDER AND HATCH ABOVE.
- ⑦ MECHANICAL EXHAUST HOOD ABOVE
- ⑧ EXPOSED WOOD TRUSSES TO BE PAINTED. REFER TO ID SHEETS FOR COLOR.
- ⑨ EXPOSED PLYWOOD ROOF DECK SHEATHING REFER TO ID SHEETS FOR COLOR.
- ⑩ SUSPENDED ACCOUSTICAL TILE CEILING. USE 24x48x58 GYPSUM CEILING TILES #3270 (STIPPLE DESIGN, WASHABLE) TO BE LAID IN EXPOSED WHITE ALUMINUM TEE GRID (NOT FIRE RATED CEILING)
- ⑪ PROVIDE SOFFIT AS REQUIRED TO ACCOMMODATE A/C DROP TO DRY STORAGE AREA. REF. DTL, SHT A-4
- ⑫ HOLD CEILING GRID OFF 18" FROM HOOD. STAINLESS STEEL PANELS SUPPLIED BY HOOD MANUFACTURER

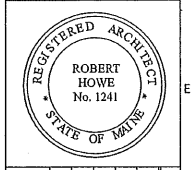


SYMBOLS LEGEND		REF. SHEET M-1 FOR SPECIFICATIONS
SYMBOL	DESCRIPTION	
	SUPPLY AIR DIFFUSERS	
	RETURN AIR GRILLES	
	EXHAUST FAN GRILLES	
A	6" DIAMETER RECESSED DOWNLIGHT	
A2	12" DIAMETER HIGHBAY STYLE BOTTOM OF LIGHT AT 9'-0" A.F.F.	
B	DECORATIVE PENDANT LIGHT WITH BLUE OR AMBER GLASS. PENDANTS TO BE CENTERED OVER TABLES PER DECOR DRAWINGS. COORDINATE LOCATION AND QUANTITY WITH DECOR SUPPLIER. BOTTOM OF LIGHT @ 6'-6" A.F.F.	
C	6" DIAMETER SURFACE MOUNTED CYLINDER, BLACK. REFERENCE LIGHTING SCHEDULE FOR MOUNTING.	
E	1x4 RECESSED FLUORESCENT	
G	2x4 RECESSED FLUORESCENT	
K	12x12 RECESSED SOFFIT LIGHT	
L	SURFACE MOUNTED EXTERIOR WALL SCÖNCE	
M	WET LISTED 4'-0" FLUORESCENT UNDER CANOPY	
N	WALL MOUNTED SECURITY LIGHT	

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REVISIONS	DESCRIPTION	DATE	BY

Date: 01-19-2009
Drawn By: XX
Checked By: XXX
Project Mgr: WFF
Project No: 08063
Cad File: FILENAME.dwg
Graphic Scale: 1"

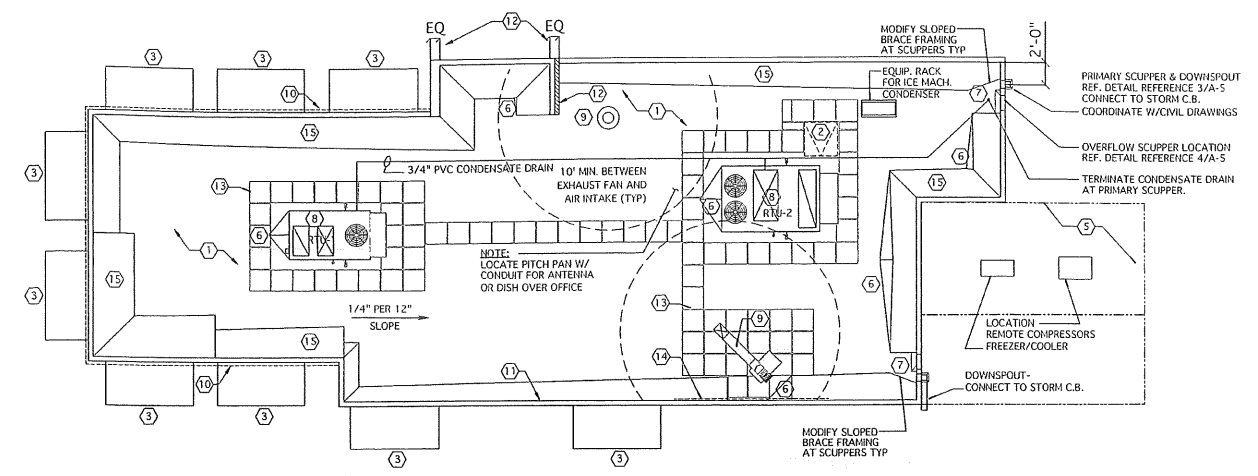
REFLECTED CEILING PLAN
BURGER KING
132 RIVERSIDE STREET
PORTLAND, MAINE

GENERAL NOTES:

- A. THE ROOF STRUCTURE SHALL NOT BE USED FOR STOCKPILING OF EQUIPMENT OR MATERIALS UNLESS APPROVED BY THE ARCHITECT, STRUCTURAL ENGINEER AND THE JOIST MANUFACTURER.
- B. THE ROOFING SYSTEM SHALL BE AS PER DRAWINGS AND PER MANUFACTURERS SPECIFICATIONS.
- C. COORDINATE ROOF ELEVATIONS WITH STRUCTURAL DRAWINGS. REFER TO SPECIFICATION SHEET FOR ROOF RELATED ITEMS, INCLUDING GUARANTEES, CURBS, FLASHING, AND ETC.

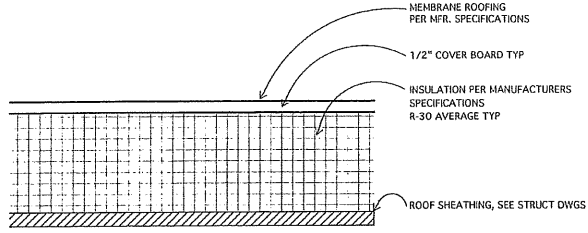
KEYED NOTES:

- 1 ROOFING MEMBRANE AS SPECIFIED BELOW IN GENERAL ROOFING NOTES.
- 2 ROOF ACCESS HATCH AND LADDER, REFERENCE SHEET A-7
- 3 PREFABRICATED METAL AWNING. REF. DETAIL, SHEET A-7
- 4 VENT THRU ROOF - PROVIDE PREFABRICATED DURO-LAST VENT FLASHING FOR ALL VENTS AND PIPE PENETRATIONS. SEE DETAIL 6 THIS SHEET.
- 5 EXTERIOR WALK-IN BOX
- 6 ROOF CRICKET WITH SLOPE EQUAL TO ROOF, REFER TO DETAIL 2 THIS SHEET.
- 7 ROOF SCUPPERS, REFER TO DETAILS 3 AND 4 THIS SHEET.
- 8 ROOFTOP AIR CONDITIONING UNIT, REFER TO HVAC PLANS.
- 9 EXHAUST FAN, REFER TO HVAC PLANS AND HOOD DRAWINGS.
- 10 ILLUMINATED PARAPET LIGHT.
- 11 METAL COPING.
- 12 ADDITIONAL PARAPET FRAMING FROM +15'-8" TO +18'-3" A.F.F. TO MATCH FINISH WIDTH OF WING WALL. REF. SHT. A-2.
- 13 INSTALL WALK PADS COMPATIBLE WITH SPECIFIED ROOFING MATERIAL AT KITCHEN EXHAUST.
- 14 PARAPET WALL HEIGHT AT EXHAUST FAN #1 IS APPROXIMATELY 36" ABOVE ROOF DECK. WHEN REQUIRED BY CODE, PROVIDE GUARD RAIL AT FAN THAT EXTENDS 30" BEYOND EACH END OF FAN AND 42" ABOVE ROOF DECK. GUARD RAIL TO BE ATTACHED TO PARAPET WALL AND CONSTRUCTED TO COMPLY WITH LOADING REQUIREMENTS FOR GUARD RAILS PER APPLICABLE BUILDING CODE.
- 15 SLOPING PARAPET BRACING, REFER TO STRUCTURAL DETAILS.



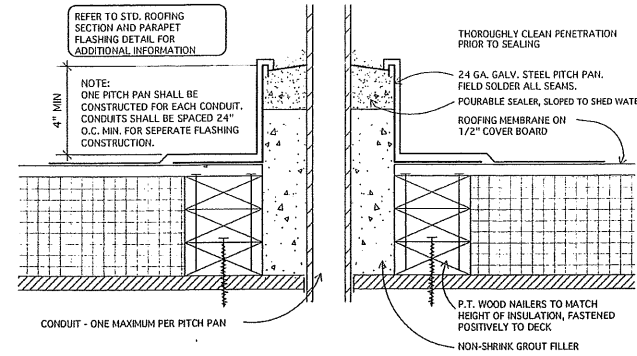
ROOF PLAN

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



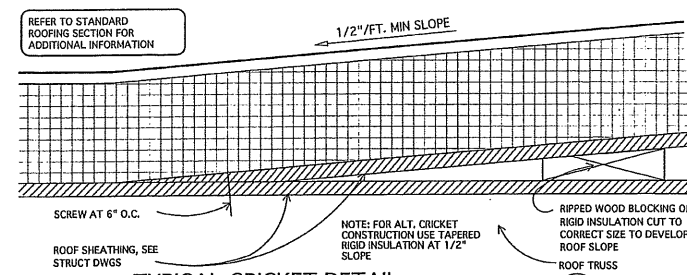
STANDARD ROOFING SECTION

SCALE: 3" = 1'-0"



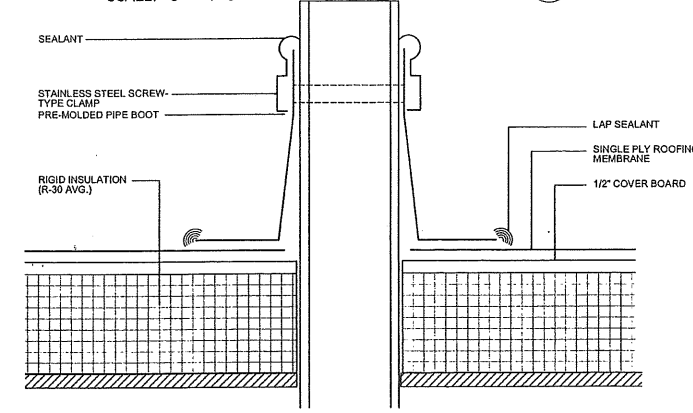
PITCH PAN DETAIL

SCALE: 3" = 1'-0"



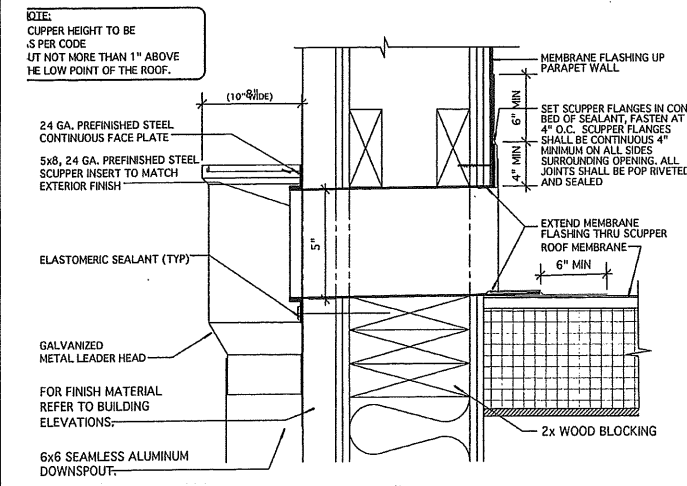
TYPICAL CRICKET DETAIL

SCALE: 3" = 1'-0"



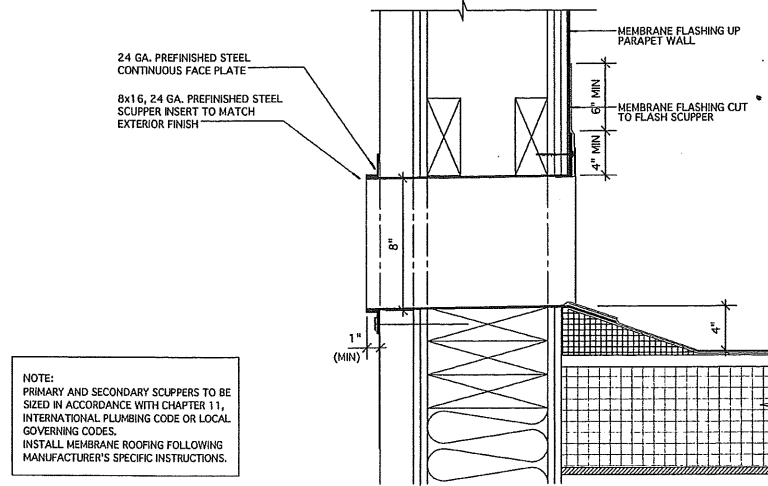
TYP. SOIL PIPE FLASHING DETAIL

SCALE: 3" = 1'-0"



PRIMARY SCUPPER AND ROOF GUTTER DETAIL

SCALE: NONE



OVERFLOW SCUPPER DRAIN DETAIL

SCALE: NONE

NOTE
ALL ROOFING DETAILS TO BE VERIFIED AND COORDINATED WITH MANUFACTURER'S SPECIFICATIONS AND WARRANTIES.

GENERAL ROOFING NOTES:

1. ROOFING CONTRACTOR SHALL COORDINATE ALL HVAC UNITS AND ROOF TOP ACCESSORIES WITH THE MECHANICAL, STRUCTURAL AND ELECTRICAL DRAWINGS FOR PLACEMENT OF INSULATION AND SUBSEQUENT INSTALLATIONS TO AVOID AREAS OF DEVELOPED PONDING CONDITIONS. PONDING WATER IS DEFINED AS WATER THAT DOES NOT DRAIN OR DISSIPATE FROM THE ROOF WITHIN A 48 HOUR PERIOD AFTER A PRECIPITATION EVENT.
2. ALL CURBS AND PIPE PENETRATIONS SHALL HAVE A MINIMUM OF 16" CLEAR FROM EACH OTHER FOR ROOF FLASHING PURPOSES. ALL EQUIPMENT SHALL HAVE A MINIMUM 16" CLEAR FROM ALL ADJACENT PARAPETS. ALL HVAC MOUNTED EQUIPMENT (DISCONNECT BOXES, GFI, PIPE SUPPORTS, ETC...) SHALL NOT BE CLOSER TO 16" FROM EACH OTHER OR ADJACENT CURBS. NO UNISTRUT PIPE SUPPORTS SHALL BE USED AS VERTICAL MEMBERS FOR MOUNTING EQUIPMENT TO THE ROOF SURFACE.
3. ROOFING MATERIALS SHALL BE AS FOLLOWS:
 - A. EPDM ROOFING MEMBRANE: ASTM D 4637, TYPE I, NONREINFORCED UNIFORM, FLEXIBLE SHEET MADE FROM EPDM, AND AS FOLLOWS:
 1. AVAILABLE MANUFACTURERS:
 - a. CARLISLE SYNTAC INCORPORATED.
 - b. CELOTEX CORPORATION.
 - c. FIRESTONE BUILDING PRODUCTS COMPANY.
 - d. VERSICO INC.
 2. THICKNESS: 60 MILS, NOMINAL.
 - a. EXPOSED FACE COLOR: BLACK.
 - b. EPICHLOROHYDRIN SHEET: 60-MIL- THICK, UNREINFORCED FLEXIBLE SHEET WITH THE FOLLOWING TYPICAL PROPERTIES AS DETERMINED PER ASTM TEST METHOD INDICATED:
 - 1) TENSILE STRENGTH: 1500 PSI; ASTM D 412.
 - 2) ULTIMATE ELONGATION: 200 PERCENT; ASTM D 412.
 - 3) TEAR RESISTANCE: 150 LBF/IN; ASTM D 412.
 - 4) BRITTLENESS TEMPERATURE: MINUS 20 DEG F; ASTM D 746.
 - 5) RESISTANCE TO OZONE AGING: NO CRACKS AFTER 168 HOURS' EXPOSURE OF 50 PERCENT ELONGATED SAMPLE AT 104 DEG F AND 100-PPHM OZONE; ASTM D 1149.
 - 6) RESISTANCE TO OIL AGING: 15 PERCENT MAXIMUM MASS CHANGE AFTER 168 HOURS' IMMERSION IN DIESEL FUEL NO. 2 AT 158 DEG F; ASTM D 471.
3. BONDING ADHESIVE: MANUFACTURER'S STANDARD BONDING ADHESIVE.
4. SEAMING MATERIAL: MANUFACTURER'S STANDARD SYNTHETIC-RUBBER POLYMER PRIMER AND 3-INCH- WIDE MINIMUM, BUTYL SPLICE TAPE WITH RELEASE FILM.
5. LAP SEALANT: MANUFACTURER'S STANDARD SINGLE-COMPONENT SEALANT, COLOR TO MATCH ROOFING MEMBRANE.
6. WATER CUTOFF MASTIC: MANUFACTURER'S STANDARD BUTYL MASTIC SEALANT.
7. METAL TERMINATION BARS: MANUFACTURER'S STANDARD PREDRILLED STAINLESS-STEEL OR ALUMINUM BARS, APPROXIMATELY 1 BY 1/8 INCH THICK; WITH ANCHORS.
8. METAL BATTENS: MANUFACTURER'S STANDARD ALUMINUM-ZINC-ALLOY-COATED OR ZINC-COATED STEEL SHEET, APPROXIMATELY 1 INCH WIDE BY 0.05 INCH THICK, PREPUNCHED.
9. FASTENERS: FACTORY-COATED STEEL FASTENERS AND METAL OR PLASTIC PLATES MEETING CORROSION-RESISTANCE PROVISIONS IN FMG 4470, DESIGNED FOR FASTENING MEMBRANE TO SUBSTRATE, AND ACCEPTABLE TO MEMBRANE ROOFING SYSTEM MANUFACTURER.
10. MISCELLANEOUS ACCESSORIES: PROVIDE POURABLE SEALERS, PREFORMED CONE AND VENT SHEET FLASHINGS, PREFORMED INSIDE AND OUTSIDE CORNER SHEET FLASHINGS, T-JOINT COVERS, IN-SEAM SEALANTS, TERMINATION REGLETS, COVER STRIPS, AND OTHER ACCESSORIES.
11. LIQUID COATING, SPECIFICALLY FORMULATED FOR COATING EPDM ROOFING MEMBRANE.
12. ROOF INSULATION (RIGID): GLASS FIBER REINFORCED FACERS INTEGRALLY LAMINATED TO THE RIGID POLYISOCYANURATE FOAM CORE ON BOTH SIDES—AGED R-VALUE OF 5.56 PER 1" OF THICKNESS. INSULATION TO BE COMPATIBLE WITH THE MEMBRANE USED AND ACCEPTABLE TO THE MEMBRANE MANUFACTURER, TAPERED AS REQUIRED.
13. FLEXIBLE WALKWAYS: FACTORY-FORMED, NONPOROUS, HEAVY-DUTY, SOLID-RUBBER, SLIP-RESISTING, SURFACE-TEXTURED WALKWAY PADS OR ROLLS, APPROXIMATELY 3/16 INCH THICK, AND ACCEPTABLE TO MEMBRANE ROOFING SYSTEM MANUFACTURER.

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 email: info@hkta.com

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160 Veranda Street
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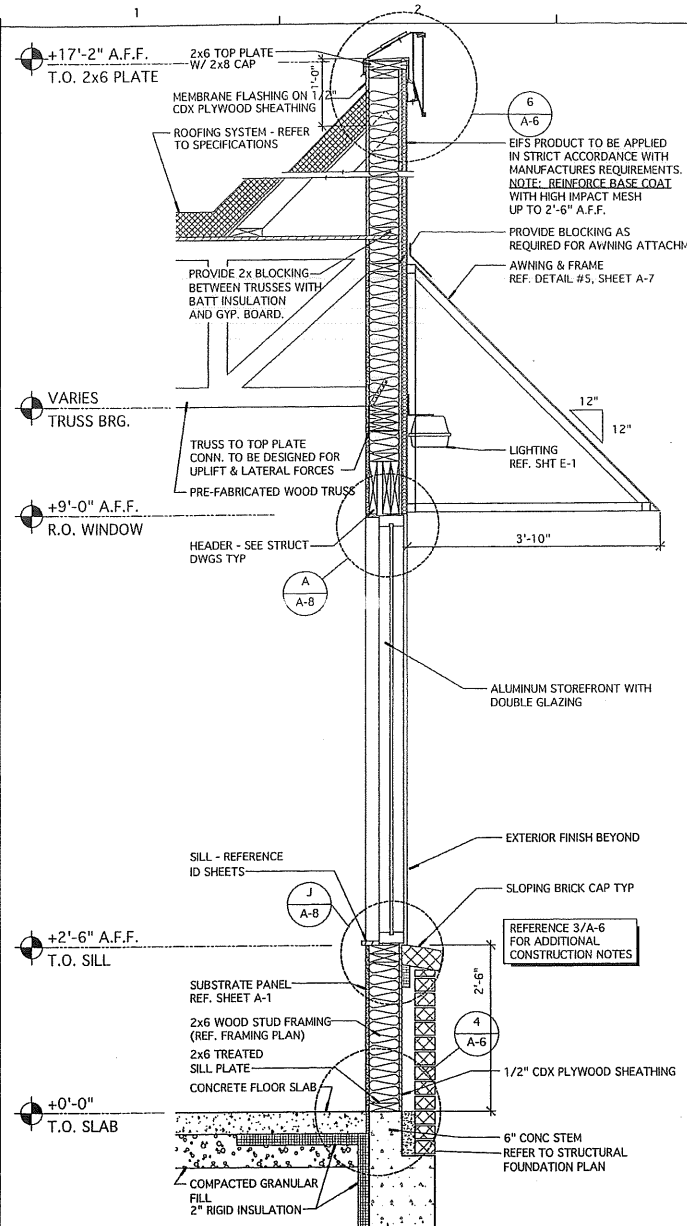
REGISTERED ARCHITECT
 STATE OF MAINE
 ROBERT HOWE
 No. 1241

REVISIONS	DATE	BY	DESCRIPTION

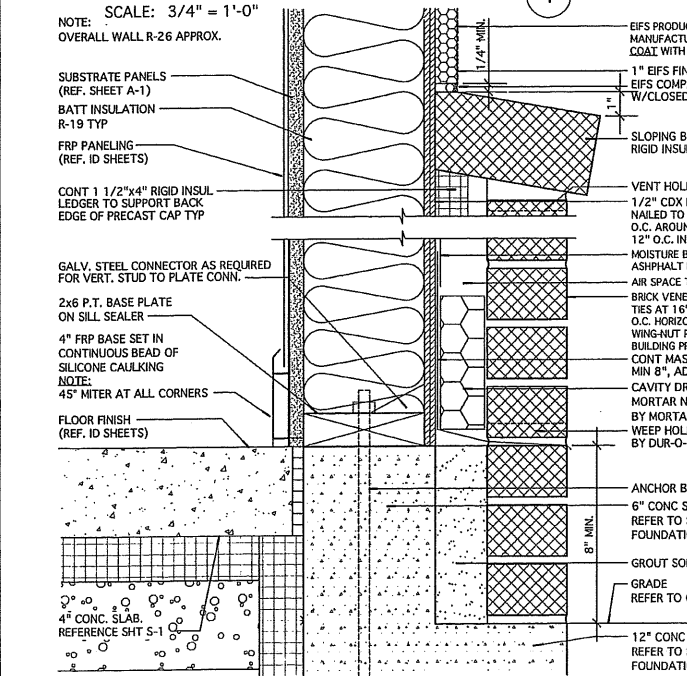
ROOF PLAN & DETAILS

BURGER KING
 132 RIVERSIDE STREET
 PORTLAND, MAINE

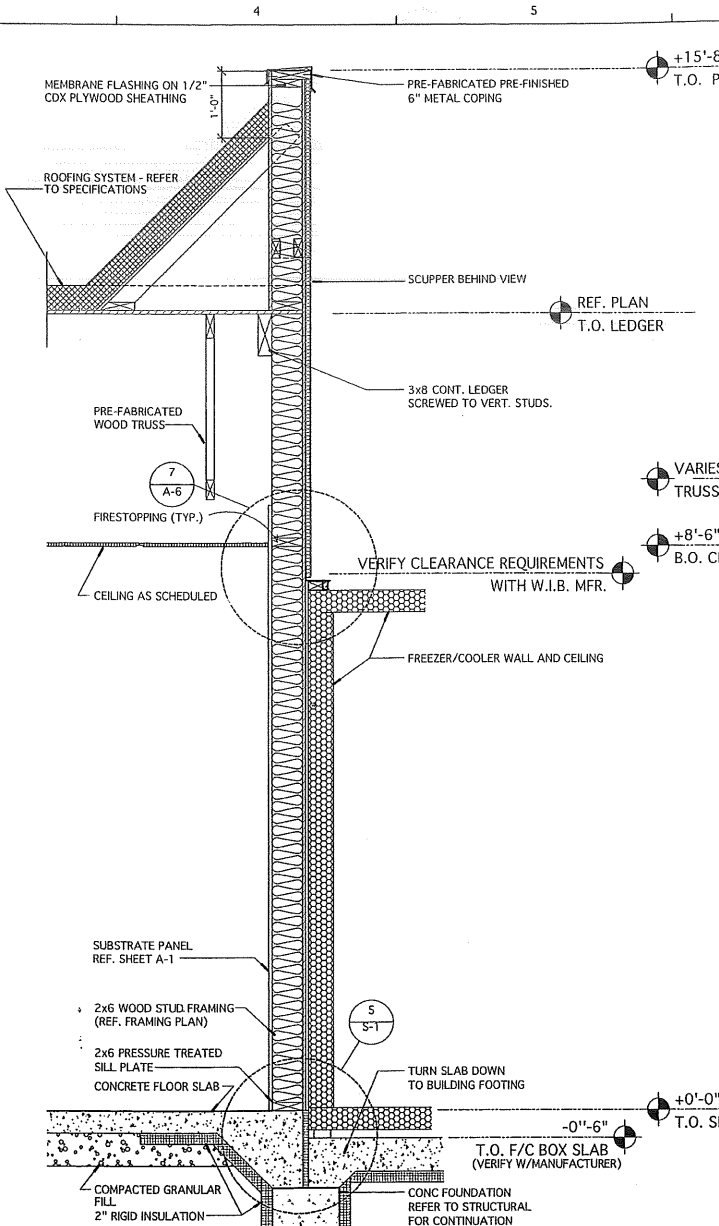
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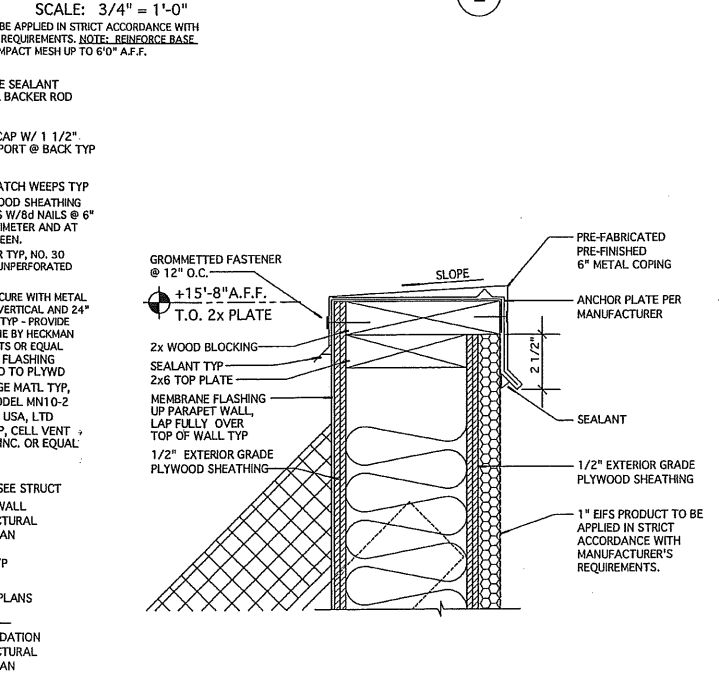
WALL SECTION 1
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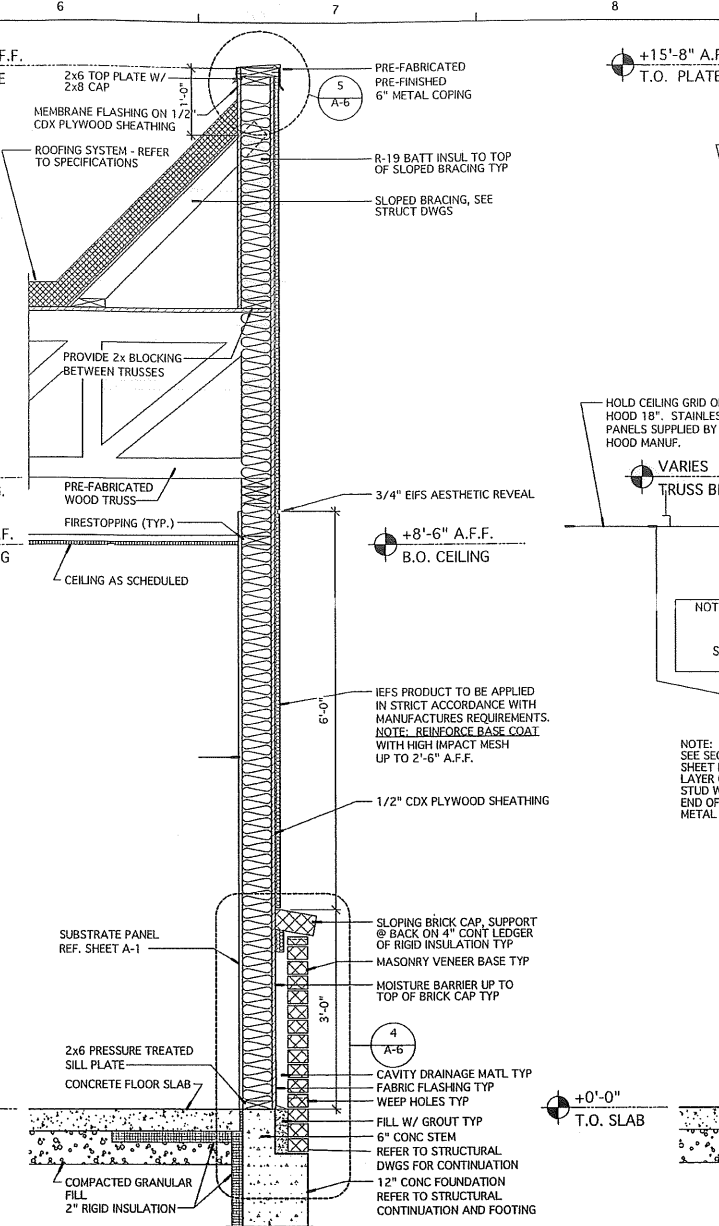
DETAIL 4
SCALE: 3" = 1'-0"



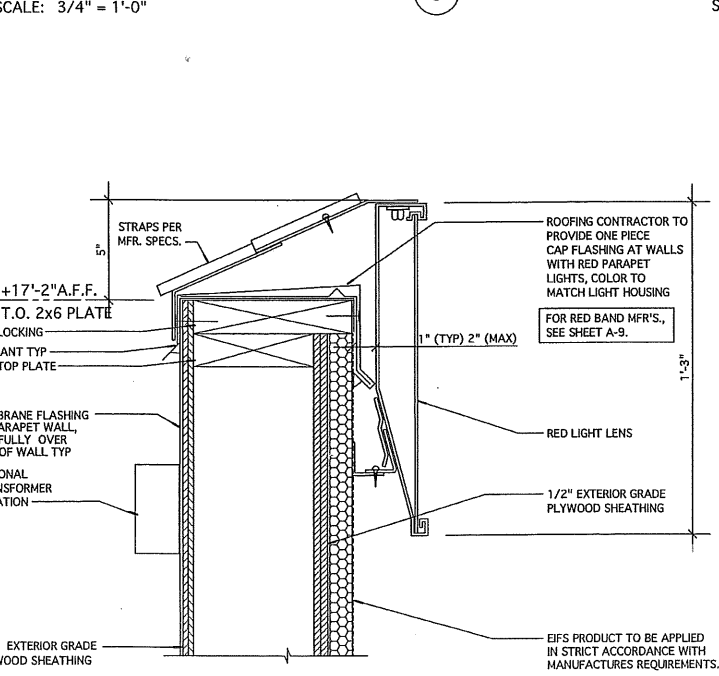
SECTION AT REAR WALL 2
SCALE: 3/4" = 1'-0"



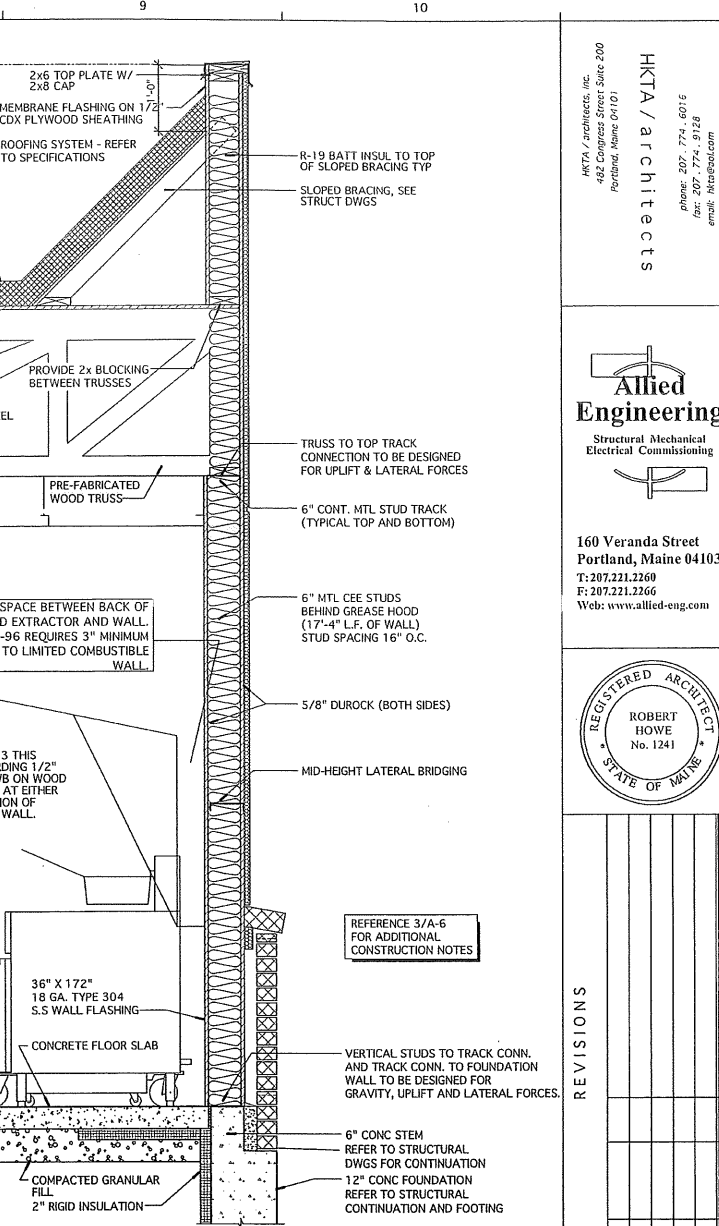
DETAIL 5
SCALE: 3" = 1'-0"



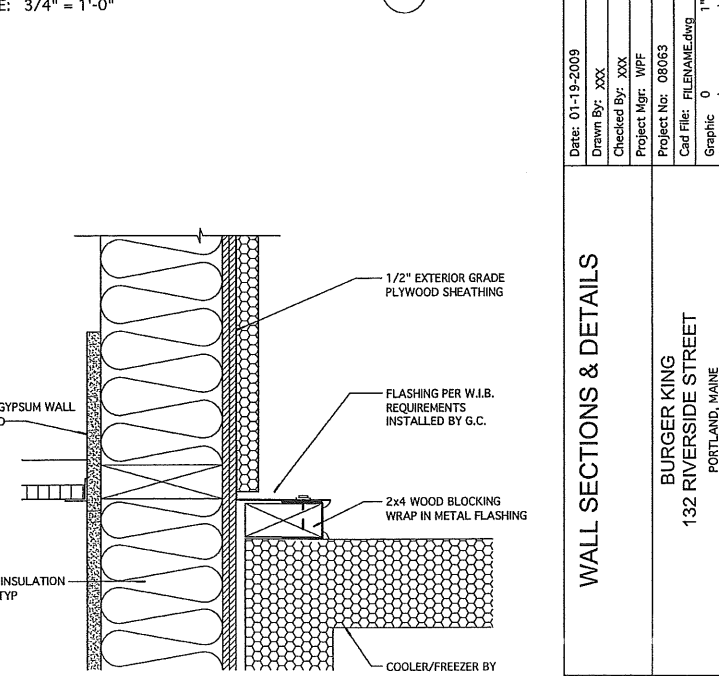
WALL SECTION 3
SCALE: 3/4" = 1'-0"



DETAIL 6
SCALE: 3" = 1'-0"



WALL SECTION 3.1
SCALE: 3/4" = 1'-0"

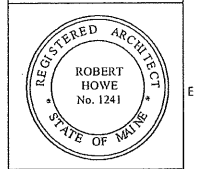


DETAIL 7
SCALE: 3" = 1'-0"

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Fax: 207-774-6018
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Allied Engineering
Structural Mechanical
Electrical Commissioning

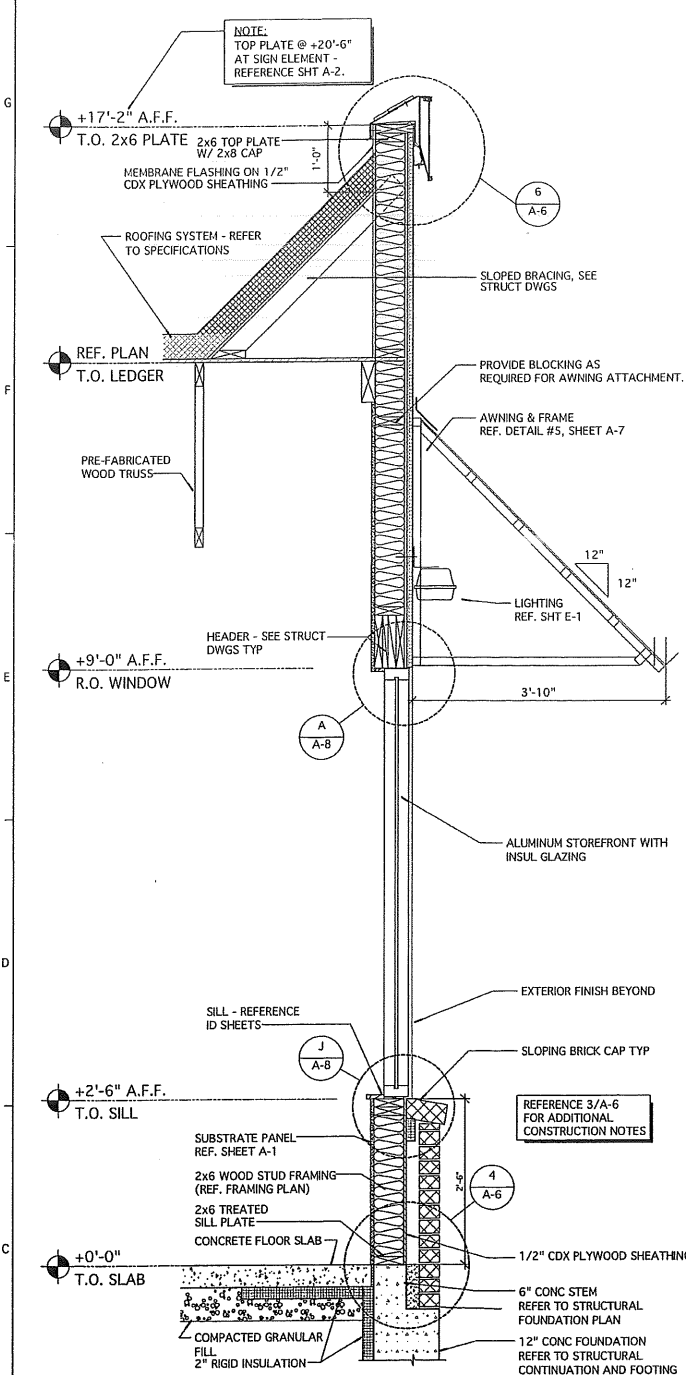
160 Veranda Street
Portland, Maine 04103
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F: 207.221.2266
Web: www.allied-eng.com



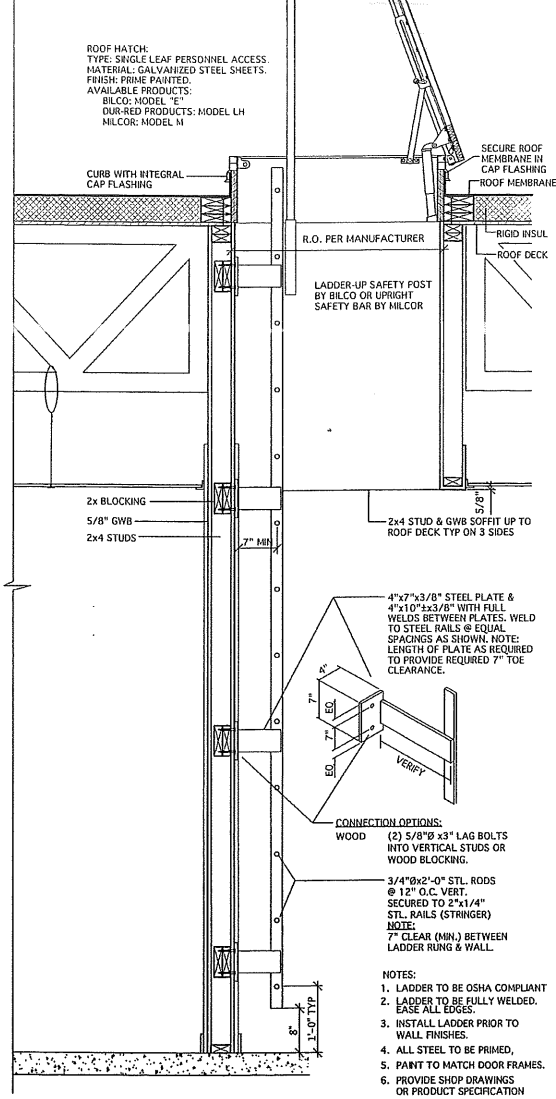
REVISIONS	DESCRIPTION	DATE	BY	NUMBER

WALL SECTIONS & DETAILS
BURGER KING
132 RIVERSIDE STREET
PORTLAND, MAINE

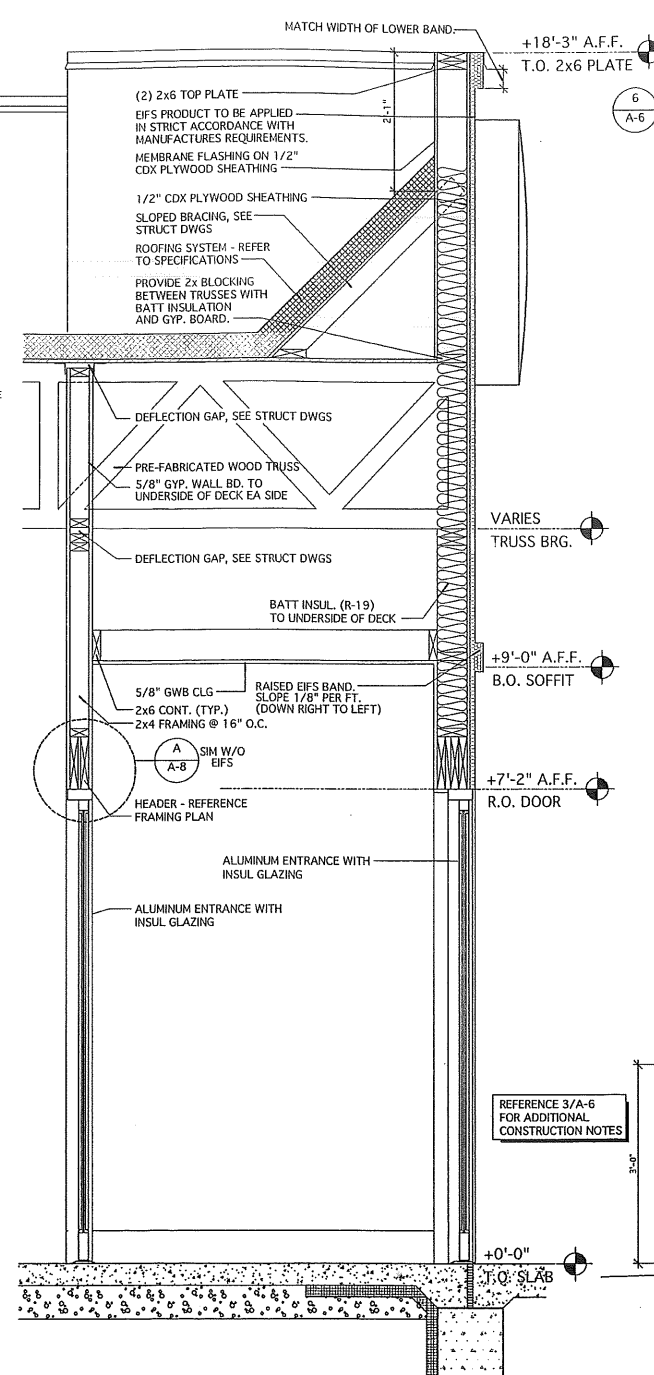
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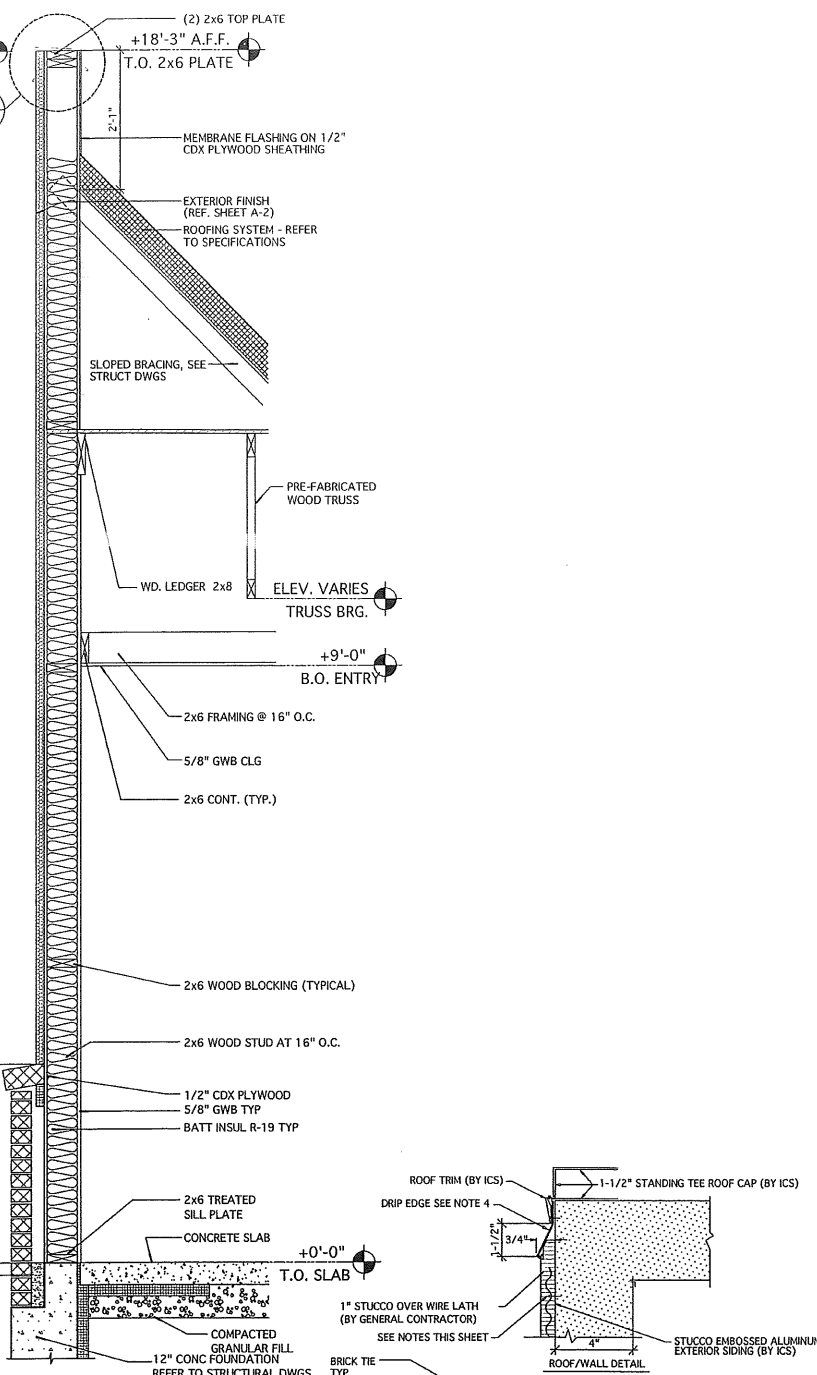
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SCALE: 3/4" = 1'-0"



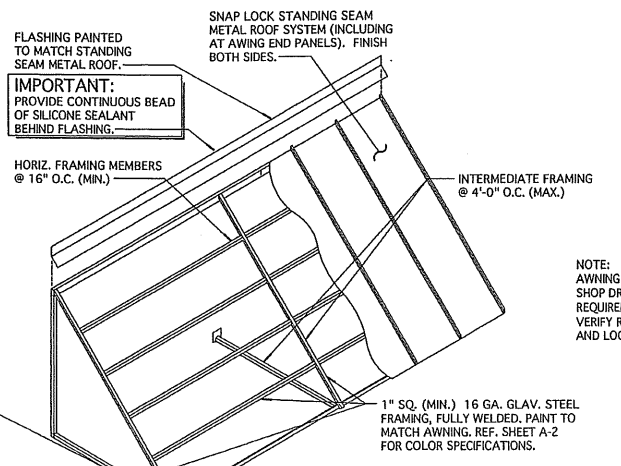
LADDER & ROOF HATCH DETAIL
SCALE: 3/4" = 1'-0"



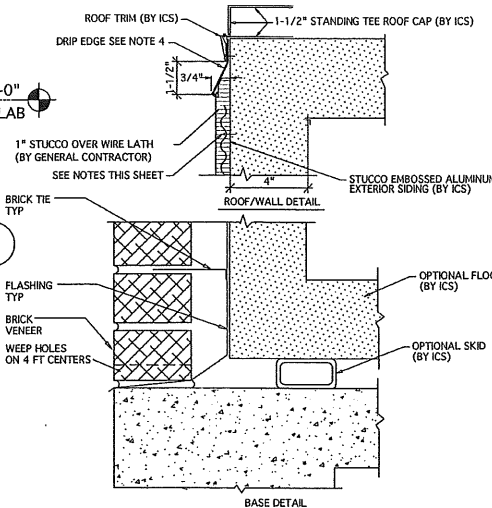
WALL SECTION
SCALE: 3/4" = 1'-0"



WALL SECTION
SCALE: 3/4" = 1'-0"



AWNING DETAIL
SCALE: NONE



FREEZER WALL DETAIL
SCALE: 3" = 1'

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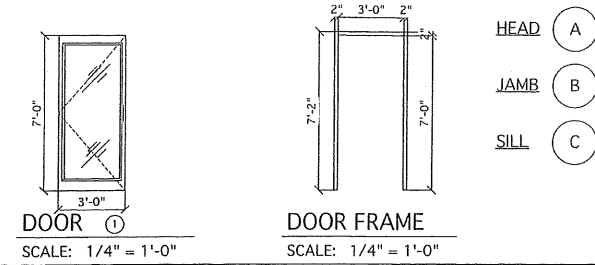


REVISIONS	DESCRIPTION	DATE	BY

WALL SECTIONS & DETAILS
BURGER KING
132 RIVERSIDE STREET
PORTLAND, MAINE
DATE: 01-19-2009
Drawn By: XXX
Checked By: XXX
Project Mgr: WPF
Project No: 08063
Call File: FILENAME.dwg
Graphic Scale: 0 1"
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DOOR
 OPENING: 3'-0"x7'-0"x1 3/4" AD x AF
 MATERIAL: ALUMINUM / GLASS
 FINISH: FACTORY FINISH - REFER TO SHEET A-2
HARDWARE

ENTRANCE DOOR HARDWARE SHALL CONSIST OF OFFSET PIVOTS, ADAMS RITE M.S. 1852A DEAD BOLT LOCK, NORTON 1605 SURFACE CLOSERS WITH BACK CHECK, 9" CLASSIC STRAIGHT DOOR PULLS IN POLISHED STAINLESS OR CHROME, AND STANDARD THRESHOLDS, LOCKS, CYLINDERS, AND THRESHOLDS SHALL BE OMITTED ON INTERIOR VESTIBULE DOORS. (IF VESTIBULE IS PROVIDED) DUMHY CYLINDERS SHALL BE PROVIDED ON THE EXTERIOR OF ALL DOORS EXCEPT AT MAIN ENTRY.

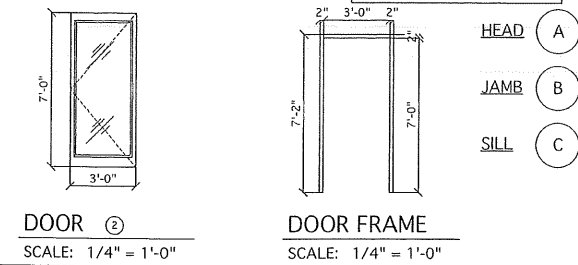


DOOR ① SCALE: 1/4" = 1'-0"
DOOR FRAME SCALE: 1/4" = 1'-0"

FRAME
 MATERIAL: ALUMINUM
 FINISH: FACTORY FINISH TO MATCH DOORS

DOOR
 OPENING: 3'-0"x7'-0"x1 3/4" AD x AF
 MATERIAL: ALUMINUM / GLASS
 FINISH: FACTORY FINISH - REFER TO SHEET A-2
HARDWARE

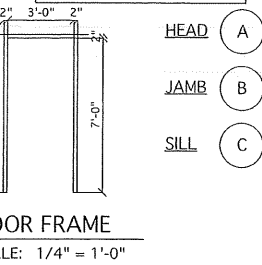
HINGES, OFFSET PIVOTS LOCKSET, ADAMS RITE DEAD BOLT, M.S. 1852A FLUSH BOLTS, 1 PAIR SURFACE CLOSER, NORTON 1605 WITH BACK CHECK 9" CLASSIC STRAIGHT DOOR PULLS IN POLISHED STAINLESS OR CHROME, AND STANDARD THRESHOLDS, (STANDARD)



DOOR ② SCALE: 1/4" = 1'-0"
DOOR FRAME SCALE: 1/4" = 1'-0"

FRAME
 MATERIAL: ALUMINUM
 FINISH: FACTORY FINISH TO MATCH DOORS
REMARKS

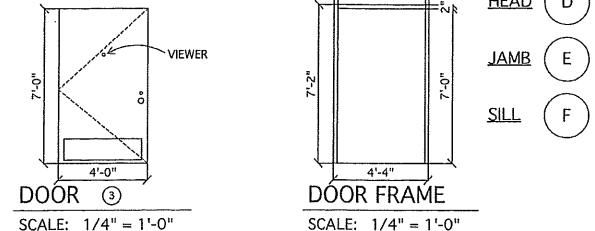
DUMHY CYLINDERS SHALL BE PROVIDED ON THE EXTERIOR OF ALL DOORS EXCEPT AT MAIN ENTRY.



DOOR ② SCALE: 1/4" = 1'-0"
DOOR FRAME SCALE: 1/4" = 1'-0"

DOOR
 OPENING: 4'-0"x7'-0"x1 3/4" x MD x MF
 MATERIAL: HOLLOW METAL
 FINISH: PAINT - REFER TO SHEET A-2
HARDWARE

DOOR TO RECEIVE:
 REIN. PIVOT: 1 EACH HAGER 253 x 2C x HAND REQUIRED
 HINGES: 4 EACH HAGER: BB1168 4 1/2" x 4 1/2" x USP x NRP
 EXIT DEVICE: 1 EACH VON DUPRIN 2220 x 689
 CLOSER: 1 EACH LCN 4115 H-CUSH x TB x 689
 VIEWER: 1 EACH ROCKWOOD 622 x 626
 KICKPLATES: 1 EACH HAGER 1935 10"x2" LDW 628
 THRESHOLD: 1 EACH NATIONAL GUARD 325 x 48" x AL
 DOOR SWEEP: 1 EACH NATIONAL GUARD 200NA x 48"
 WEATHERSTRIP: 1 SET NATIONAL GUARD 160SA 18"x48", 2@84"

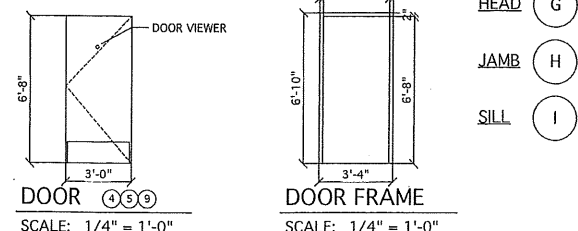


DOOR ③ SCALE: 1/4" = 1'-0"
DOOR FRAME SCALE: 1/4" = 1'-0"

FRAME
 MATERIAL: HOLLOW METAL
 FINISH: PAINT - REFER TO SHEET A-2

DOOR
 OPENING: 3'-0"x6'-8"x1 3/4" WD x AF
 MATERIAL: SOLID CORE HPL
 FINISH: REFERENCE ID SHEETS.

HARDWARE
 EACH DOOR TO RECEIVE:
 HINGES: 3 EACH HAGER: BB1279 4 1/2" x 4 1/2" x 652
 LOCKSET: 1 EACH SCHLAGE: AL53PD SAT x 626
 CLOSER: 1 EACH LCN 1461 x 689
 FLOOR STOP: 1 EACH HAGER 241F x US26D
 KICKPLATES: 2 EACH HAGER 1935 8"x2" LDW 628
 SILENCERS: 3 EACH HAGER 307D RBR
 DOOR VIEWER: 1 EACH ROCKWOOD 622 x 626



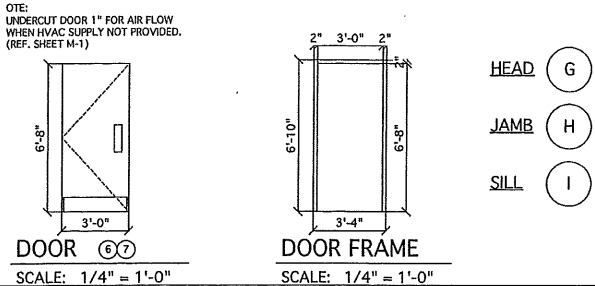
DOOR ④ SCALE: 1/4" = 1'-0"
DOOR FRAME SCALE: 1/4" = 1'-0"

FRAME
 MATERIAL: HOLLOW METAL
 FINISH: REFERENCE ID SHEETS.
REMARKS

SIGN PACKAGE: 2 "KITCHEN" AND 1 "EMPLOYEES ONLY" CORRESPONDING SIGNAGE IN GRADE TWO BRILLE PER ADA REQUIREMENTS. SIGNS FURNISHED BY DECOR SUPPLIER. SIGNS INSTALLED BY GENERAL CONTRACTOR PER ADA REQUIREMENTS. AS AN OPTION IN LIEU OF SOLID CORE DOORS AND HOLLOW METAL FRAMES, PROVIDE MARLITE HPL DOORS WITH ALUMINUM FRAMES (REF. ID SHEETS FOR COLOR)

DOOR
 OPENING: 3'-0"x6'-8"x1 3/4" WD x MF
 MATERIAL: SOLID CORE HPL
 FINISH: REFERENCE ID SHEETS
HARDWARE

EACH DOOR TO RECEIVE:
 HINGES: 3 EACH HAGER: BB1279 4 1/2" x 4 1/2" x 652
 LOCKSET: 1 EACH FALCON: D871 x 825
 CLOSER: 1 EACH LCN 1461 x 689
 PUSH PLATE: 1 EACH HAGER 305 4x16 628
 PULL PLATE: 1 EACH HAGER H33E 4x16 628
 FLOOR STOP: 1 EACH HAGER 241F x US26D
 KICKPLATES: 2 EACH HAGER 1935 8"x2" LDW 628
 SILENCERS: 3 EACH HAGER 307D RBR
 ** DELETE IF MULTIPLE OCCUPANCY RESTROOM



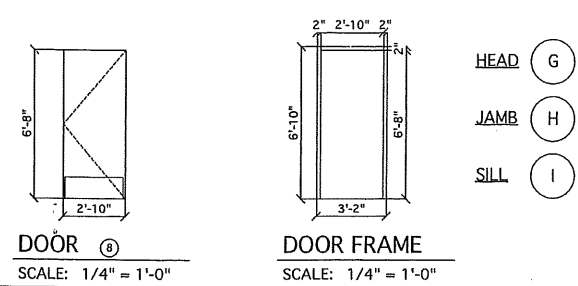
DOOR ⑤ SCALE: 1/4" = 1'-0"
DOOR FRAME SCALE: 1/4" = 1'-0"

FRAME
 MATERIAL: HOLLOW METAL
 FINISH: REFERENCE ID SHEETS
REMARKS

SIGN PACKAGE: 1 "LADIES", 1 "GENTLEMEN" AND CORRESPONDING SIGNAGE IN GRADE TWO BRILLE PER ADA REQUIREMENTS. SIGNS FURNISHED BY DECOR SUPPLIER. SIGNS INSTALLED BY GENERAL CONTRACTOR PER ADA REQUIREMENTS. AS AN OPTION IN LIEU OF SOLID CORE DOORS AND HOLLOW METAL FRAMES, PROVIDE MARLITE HPL DOORS WITH ALUMINUM FRAMES (REF. ID SHEETS FOR COLOR)

DOOR
 OPENING: 2'-10"x6'-8"
 MATERIAL: SOLID CORE HPL/GLASS
 FINISH: REFERENCE ID SHEETS.

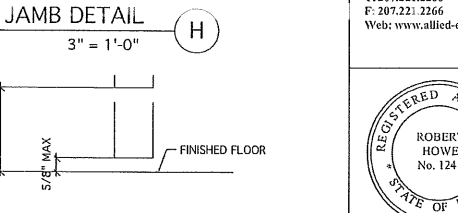
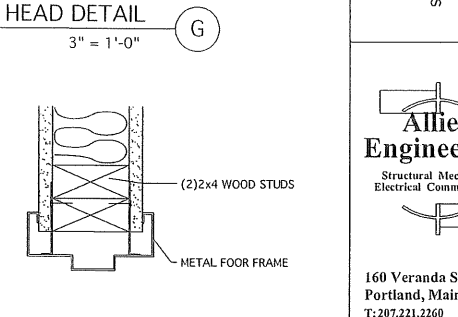
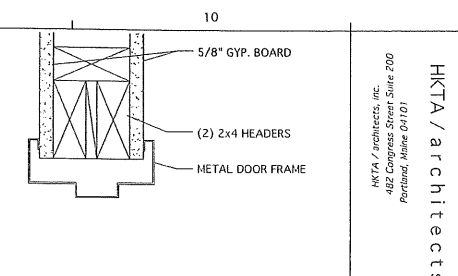
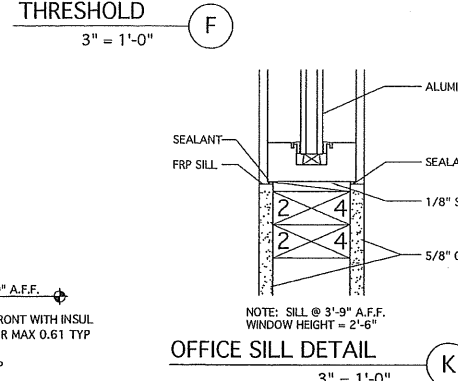
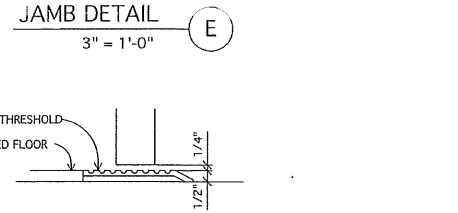
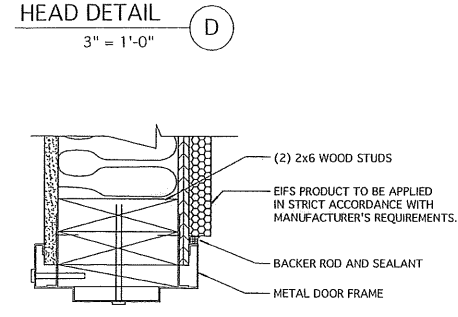
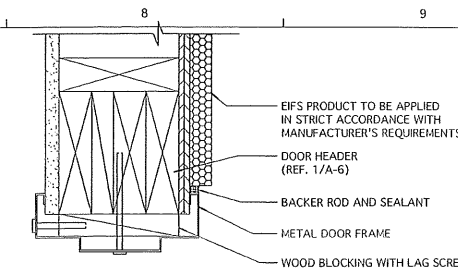
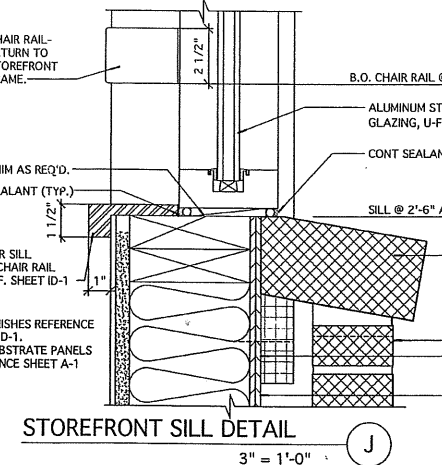
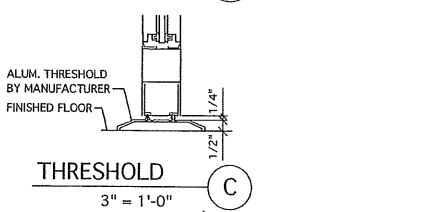
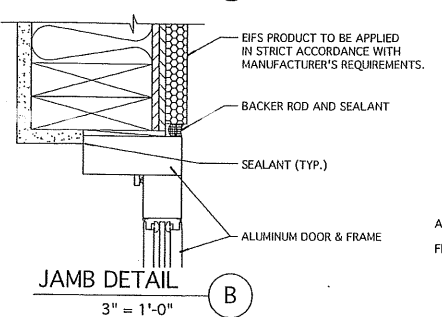
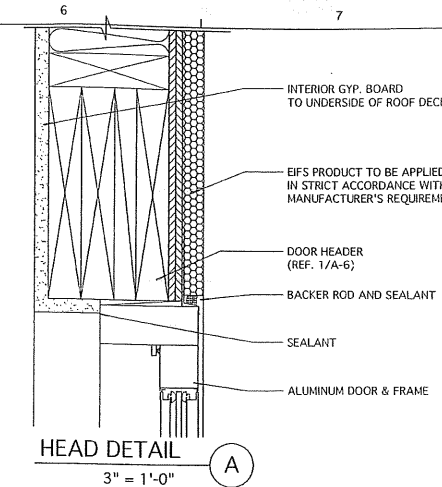
HARDWARE
 DOOR TO RECEIVE:
 HINGES: 3 EACH HAGER: BB1279 4 1/2" x 4 1/2" x 652
 LOCKSET: 1 EACH SCHLAGE: AL53PD SAT x 626
 CLOSER: 1 EACH LCN 1461 x 689
 FLOOR STOP: 1 EACH HAGER 241F x US26D
 KICKPLATES: 2 EACH HAGER 1935 8"x2" LDW 628
 SILENCERS: 3 EACH HAGER 307D RBR



DOOR ⑥ SCALE: 1/4" = 1'-0"
DOOR FRAME SCALE: 1/4" = 1'-0"

FRAME
 MATERIAL: HOLLOW METAL
 FINISH: REFERENCE ID SHEETS.
REMARKS

AS AN OPTION IN LIEU OF SOLID CORE DOORS AND HOLLOW METAL FRAMES, PROVIDE MARLITE HPL DOORS WITH ALUMINUM FRAMES (REF. ID SHEETS FOR COLOR)

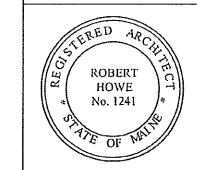


Specified Products and Approved Equals					
Hinges - Provide features, functions, size, and finish as shown in hardware sets.					
Hager	BB1279	BB1168	253		
McKinney	TA2714	T4A3786			
Bommer	BB5000	BB5004			
Locks - Provide features, functions, and finish as shown in hardware sets.					
Falcon - Deadlock	D871			NO SUBSTITUTION	
Schlage	AL53PD	AL40S			
Yale	AU5307LN	AU5302LN			
Falcon	B511D	B301D			
Exit Device - Provide features, functions, and finish as shown in hardware sets.					
VonDuprin	22 EO				
Yale	2100 EO				
Sargent	3828 EO				
Closers - Provide features, functions, and finish as shown in hardware sets.					
LCN	1461	4115 H-CUSH			
Yale	3301	4425T / 4421T			
Dorma	8616	8916 DST / 8956 DST			
Push/Pull, KP, Stops, Etc - Provide features, functions, size, and finish as shown in hardware sets.					
Hager	Kickpl 1935	Pull PH H33E	Push Plt. 30S	Fl Stop 241F	Wall Stop 236W
Rockwood	K1050 B3E	BF106 x 70C	70C	441CU	409
Trimco	KOO50	1017-3 x 2 1/2 Proj.	1001-3	1211	1270WV
976U					
Weatherstripping, Thresholds, Etc. - Provide features, size, and finish as shown in hardware sets.					
National Guard	Threshold 325A	Sweep 200NA		Weatherstrip 160SA	
Pemko	229A	315CN		303AS	
Zero	1675A	39A		99A	

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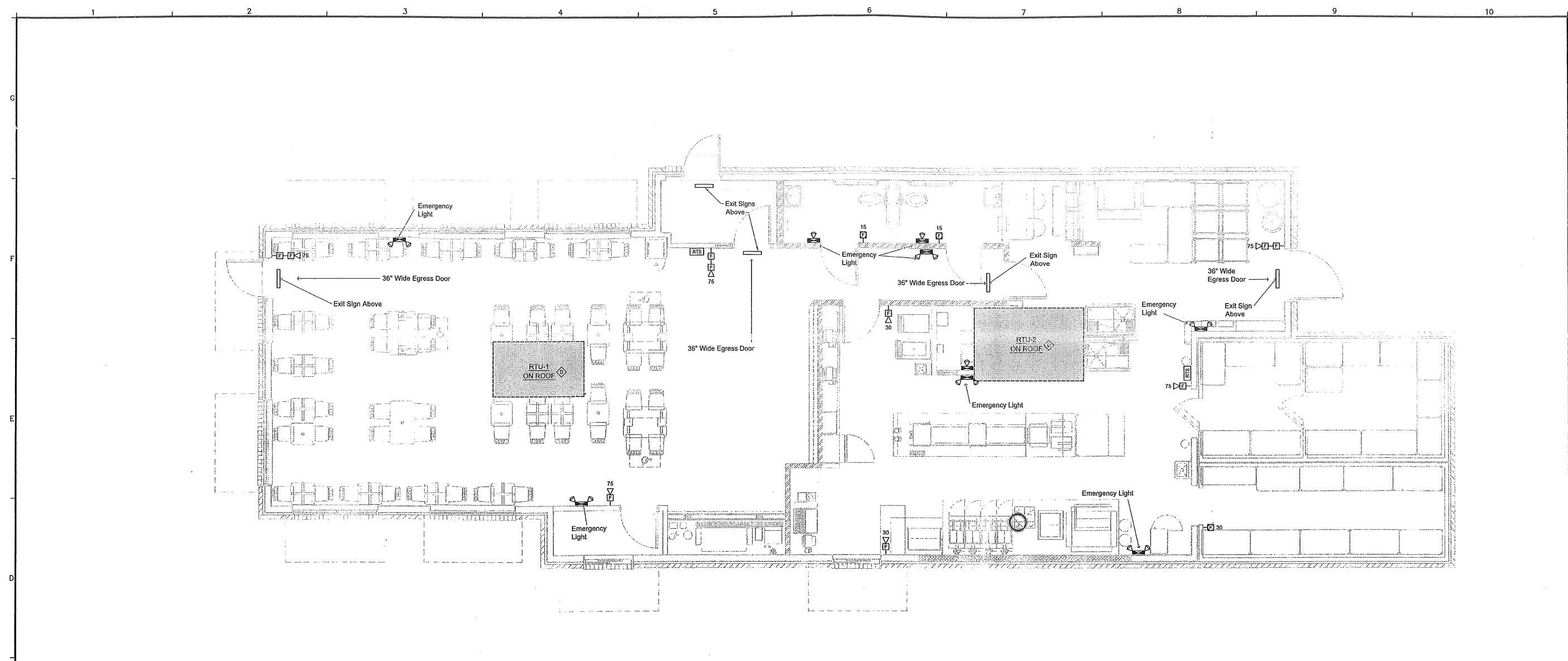


REVISIONS	DESCRIPTION	DATE	BY	NUMBER

Date: 01-19-2009
 Drawn By: XXX
 Checked By: XXX
 Project Mgr: WFF
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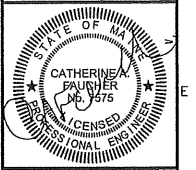
DOOR SCHEDULE & DETAILS

BURGER KING
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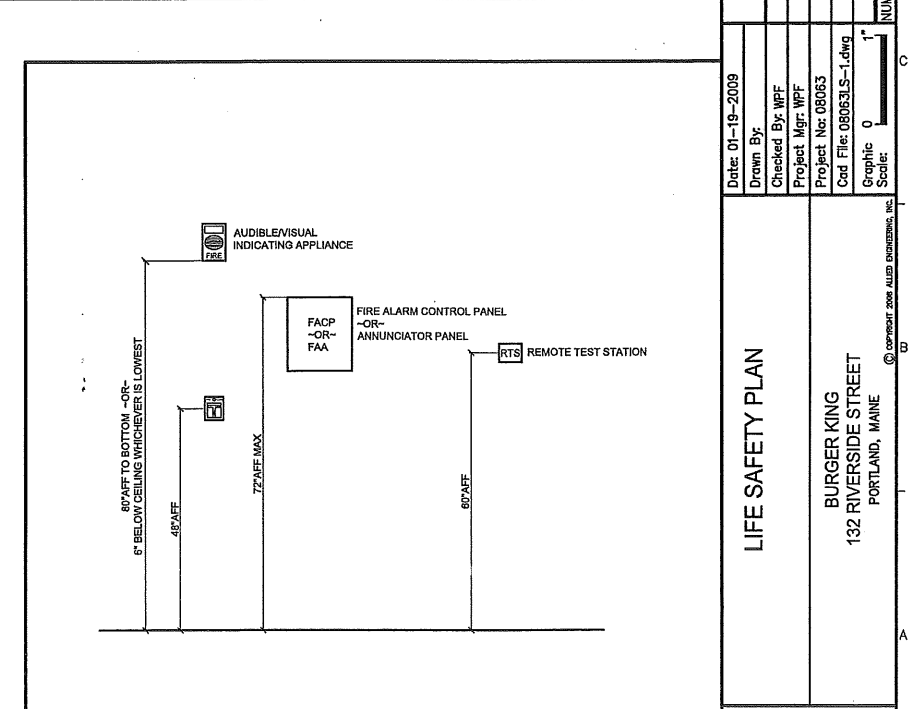
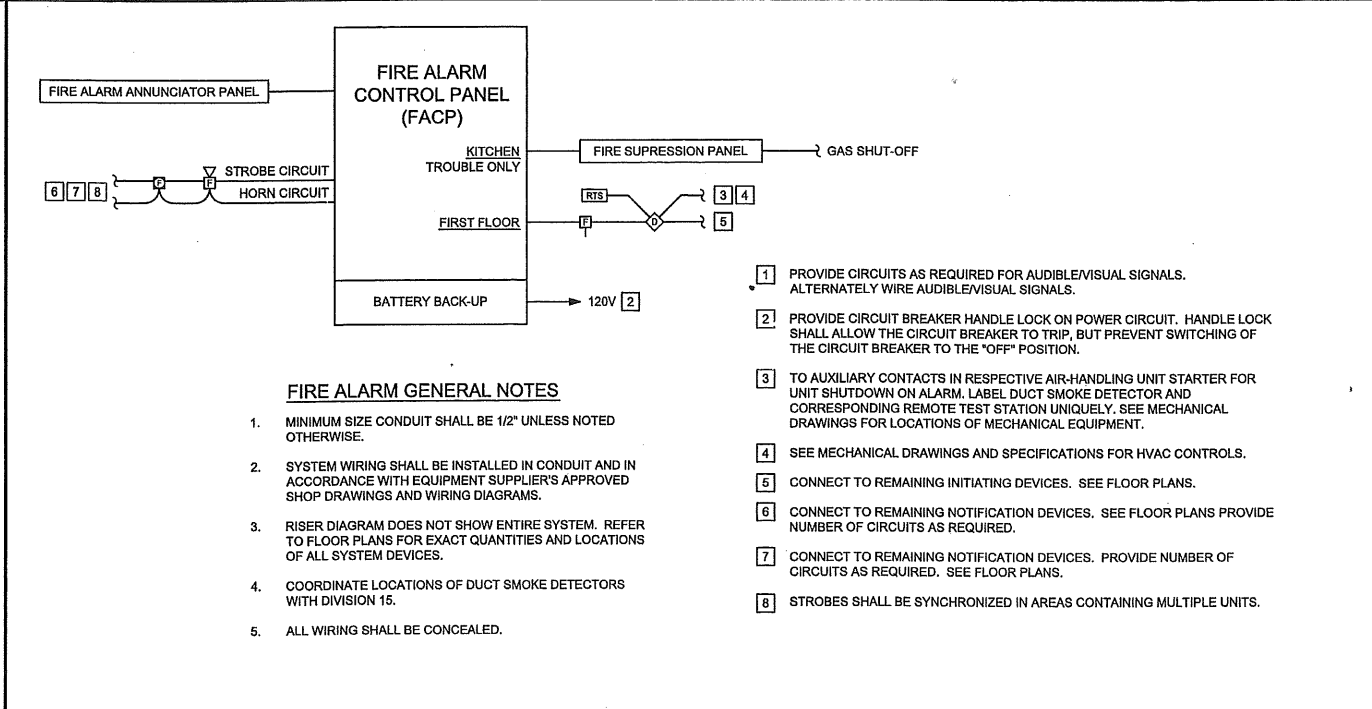
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REVISIONS	NUMBER	DATE	BY	DESCRIPTION

D1 LIFE SAFETY PLAN
 1/4" = 1'-0"

SYMBOL	DESCRIPTION
[FACP]	FIRE ALARM CONTROL PANEL, MOUNT WITH TOP OF PANEL NOT MORE THAN 72" AFF
[FAA]	FIRE ALARM ANNUCIATOR, MOUNT WITH TOP OF PANEL NOT MORE THAN 72" AFF
◇	DUCT SMOKE DETECTOR
[RTS]	REMOTE TEST/INDICATOR FOR DUCT SMOKES, MOUNT ON CEILING BENEATH UNIT, OR WALL MOUNT WHERE INDICATED ON PLANS
[MPS]	MANUAL PULL STATION, MOUNT 48" AFF
30 [AVI]	AUDIOVISUAL INDICATING APPLIANCE, CANDELA AS NOTED ON PLANS, MOUNT 80" AFF TO BOTTOM OR 6" BELOW CEILING WHICHEVER IS LOWER
30 [VI]	VISUAL INDICATING APPLIANCE, CANDELA AS NOTED ON PLANS, MOUNT 80" AFF TO BOTTOM OR 6" BELOW CEILING WHICHEVER IS LOWER



A1	FIRE ALARM SYMBOLS	A3	FIRE ALARM RISER DIAGRAM	A8	TYPICAL FA DEVICE MOUNTING HEIGHTS
NO SCALE		NO SCALE		NO SCALE	

Date: 01-19-2009
 Drawn By: [Name]
 Checked By: WFF
 Project Mgr: WFF
 Project No: 08063
 Cad File: 08063LS-1.dwg
 Graphic: 0
 Scale: 1"

LIFE SAFETY PLAN
 BURGER KING
 132 RIVERSIDE STREET
 PORTLAND, MAINE

LS-1

\Projects\2008\08063 - Burger King Foundation Portland\00 Drawing Files\08063LS-1.dwg Jun 19, 2009 - 10:35:00am

1. COLD FORMED METAL FRAMING: GALV. STEEL ASTM A653/A653M, GRADE 33 FOR TRACKS (F_y=33 KSI) G60 COATING; GRADE 50 STUDS (F_y=50 KSI) G60 COATING
2. SECTION PROPERTIES FOR WALL STUDS SHALL BE AS REQUIRED BY STRUCTURAL PERFORMANCE.
3. COLD FORMED METAL CONNECTIONS SHALL BE DESIGNED IN ACCORDANCE WITH THE LATEST REVISION OF AISI'S DESIGN OF COLD FORMED STEEL STRUCTURAL MEMBERS FOR THE REACTIONS REQUIRED. COLD FORMED CURTAIN WALLS SHALL BE DESIGNED FOR COMPONENT WIND PRESSURE FOR THE VELOCITY AND IMPORTANCE FACTORS INDICATED.
4. MAXIMUM PERMITTED WIND LOAD DEFLECTION FOR CURTAIN WALLS SHALL BE LIMITED TO THE FOLLOWING:
 - a. L/600 FOR MASONRY VENEER APPLICATIONS
 - b. L/240 FOR OTHER WALL FINISHES
5. PROVIDE HORIZONTAL BRIDGING AT 48" o.c. VERTICAL IN LOAD BEARING WALLS.

F1 COLD FORMED METAL FRAMING NOTES

1. MINIMUM LOADING REQUIREMENTS:
 - A. ROOF LOADS: (EXCEPT AT DRIFTING SNOW LOCATIONS AND THOSE LISTED BELOW) LIVE (SNOW) LOAD: 45.0 P.S.F. (IMPORTANCE FACTOR = 1.0; EXPOSURE FACTOR = 0.7) DEAD LOAD: 18.0 P.S.F. (TOP CHORD = 12.0 PSF, BOTTOM CHORD = 6.0 PSF)
 - WIND LOADS:
 - A. FACTORS:
BASIC WIND SPEED: 100 MPH
EXPOSURE CATEGORY: 'C'
IMPORTANCE FACTOR: 1.15
BUILDING HEIGHT: 18'
WIND DESIGN PRESSURE: MAIN WIND FORCE RESISTING SYSTEM = 31.0 PSF (MAXIMUM PRESSURE)
2. STRUCTURAL WOOD TO CONFORM TO THE LATEST NDS STANDARDS.
3. PLYWOOD TO CONFORM TO THE LATEST PDS STANDARDS.
4. SEE ARCHITECTURAL WALL SECTIONS AND DETAILS FOR MISCELLANEOUS STEEL.
5. REFERENCE ROOF OPENING STANDARD DETAILS SHEET S-000 FOR ROOF PENETRATION SUPPORT CONDITIONS.
6. LOADS ARE UNFACTORED AND ALLOWABLE STRESS INCREASE OF 1/3 MAY BE USED IN ACCORDANCE WITH THE IBC2006.
7. ANCHOR BOLTS IN NEW CONSTRUCTION SHALL BE
 - A. ANCHOR RODS: 5/8" Ø ASTM F1554, UNO
 - B. NUTS: ASTM A563, GRADE A
 - C. WASHERS: ASTM F304
8. SILL PLATES SHALL BE FASTENED TO FOUNDATION WITH 1/2-INCH DIAMETER ANCHOR BOLTS AT 48-INCHES ON-CENTER UNLESS OTHERWISE NOTED. (COORDINATE THIS NOTE WITH ARCHITECTURAL DRAWINGS).
9. OPENINGS IN WOOD-FRAMED WALLS SHALL HAVE A MINIMUM OF (2) JACK STUDS ON EACH END, UNLESS OTHERWISE NOTED.

F5 STRUCTURAL NOTES

1. GENERAL:
 - A. EXISTING TIMBER MATERIALS SHALL BE INSPECTED, CLEANED AND FREE OF MOISTURE ROT AND DAMAGE.
 - B. WOOD CONNECTIONS SHALL BE INSPECTED, CLEANED AND FREE FROM DAMAGE. INFORM ENGINEER OF ANY DAMAGE OR DEFECTS OF EXISTING MATERIALS PRIOR TO PLACEMENT.
 - C. LUMBER IN CONTACT WITH CONCRETE SHALL BE PRESSURE TREATED MATERIAL.
2. CONNECTIONS:
 - A. SEE NAILING SCHEDULE, TABLE NO. 2304.9.1 OF THE INTERNATIONAL BUILDING CODE FOR NAILING NOT SPECIFICALLY CALLED OUT ON THE DRAWINGS. USE COMMON NAILS.
 - B. MAKE FRAMED CONNECTIONS WITH APPROVED FRAMING ANCHORS ON EACH SIDE OR APPROVED JOIST HANGERS BY SIMPSON OR APPROVED EQUAL.
 - C. NAIL ROOF AND WALL PLYWOOD WITH 10D COMMON AT 6" AT EDGES AND BOUNDARY MEMBERS AND AT 12" AT INTERMEDIATE SUPPORTS UNLESS NOTED OTHERWISE AT SHEAR WALLS.
 - D. PROVIDE CUT WASHERS AT BOLTS IN WOOD WITHOUT STEEL PLATES.
3. STRUCTURAL SAWN AND TIMBER LUMBER:
 - A. 2 X 6 THRU 2 X 12 RAFTERS: SPRUCE PINE FIR NO. 1 WITH F_b (REPETITIVE) = 1200 P.S.I.
 - B. STUDS: SPRUCE PINE FIR CONSTRUCTION GRADE.
 - C. WOOD POSTS: UNEXPOSED: DOUGLAS FIR NO. 1, EXPOSED: PRESSURE TREATED DOUGLAS FIR NO. 1.
 - D. TIMBER CONTRACTOR SHALL PROVIDE SKETCHES OF TIMBER CONNECTIONS TO ENGINEER PRIOR TO FABRICATION.
4. PLYWOOD:
 - A. ROOF SHEATHING: C-D INT-APA WITH EXTERIOR GLUE; 3/4" WITH IDENTIFICATION INDEX 48/24. LAY UP WITH FACE GRAIN PERPENDICULAR TO SUPPORTS. STAGGER JOINTS. EACH PLYWOOD PIECE SHALL BE CONTINUOUS OVER A MINIMUM OF TWO SPANS WITH A MINIMUM WIDTH OF 1'-0" UNLESS BLOCKING IS PROVIDED AT JOINTS.
 - B. WALL SHEATHING: C-D INT-APA (PSI-74) WITH EXTERIOR GLUE, 1/2" WITH IDENTIFICATION INDEX 24/0. PANEL EDGES BACKED WITH 2" NOMINAL OR WIDER FRAMING.
 - C. SHEAR WALLS: PROVIDE SOLID BLOCKING AT PLYWOOD EDGES FOR FULL HEIGHT OF WALLS. SEE SCHEDULE FOR ADDITIONAL INFORMATION.

D5 WOOD NOTES

1. TRUSS MANUFACTURER SHALL VERIFY CAPACITY OF WOOD TRUSSES WITH DESIGN CALCULATIONS SEALED BY A LICENSED PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF MAINE. SHOP SUBMITTAL SHALL INCLUDE TRUSS LAYOUT PLANS AND ASSOCIATED DETAILS FOR A COMPLETE INSTALLATION. DRAWINGS TO INCLUDE PIECE MARKS ASSOCIATED WITH SPECIFIC CALCULATIONS FOR EACH TRUSS. CALCULATIONS TO INCLUDE CODE COMPLIANT LOAD COMBINATIONS INCLUDING UNBALANCED SNOW LOADING AND VALLEY DRIFT CONSIDERATIONS PER DIAGRAMS INCLUDED ON S-000.
2. MANUFACTURER SHALL PROVIDE CALCULATIONS SEALED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF MAINE. DESIGN SHALL INCLUDE REQUIRED TEMPORARY AND PERMANENT LATERAL/DIAGONAL BRACING REQUIREMENTS.
3. CONNECTIONS, MEMBER SIZES, LOCATIONS, BRACING REQUIREMENTS (TEMPORARY AND PERMANENT) AND CONNECTION DETAILS SHALL BE PROVIDED ON SUPPLIER'S SHOP SUBMITTAL.
4. INDICATED CHORD SPLICES SHALL BE LOCATED AT QUARTER POINTS OF PANEL LENGTHS AS MEASURED FROM A JOINT.
5. PLATE CONNECTORS SHALL HAVE AN EFFECTIVE AREA 20% GREATER THAN THAT REQUIRED BY DESIGN USING THE MAXIMUM DESIGN CAPACITY.
6. CONTRACTOR SHALL PROVIDE ALL TEMPORARY AND PERMANENT LATERAL AND DIAGONAL TRUSS BRACING FOR TOP AND BOTTOM CHORD MEMBERS AND DIAGONAL/VERTICAL WEB MEMBERS PER THE SHOP DRAWING REQUIREMENTS OR THE TRUSS PLATE INSTITUTE HIB-91 "COMMENTARY AND RECOMMENDATIONS FOR HANFLING, INSTALLING AND BRACING METAL PLATE CONNECTED WOOD TRUSSES", WHICHEVER IS MORE STRINGENT.
7. CENTER PLATES ON JOINTS IN ACCORDANCE WITH APPROVED SHOP DRAWINGS.
8. PROVIDE HURRICANE CLIPS AT TRUSS BEARING ENDS. REFER TO TRUSS MANUFACTURER CALCULATIONS FOR UPLIFT AND LATERAL LOAD VALUES. TRUSS MANUFACTURER TO SUPPLY APPROPRIATE HURRICANE CLIPS FOR EACH TRUSS LOCATION.

A5 TRUSS NOTES

1. WORK SHALL BE DONE IN COMPLIANCE IBC-2006.
2. WORK SHALL BE DONE IN AN ORDERLY AND PROFESSIONAL MANNER. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR COORDINATING WORK TO BE DONE BY SUBCONTRACTORS, LOCAL AUTHORITIES, STATE AGENCIES AND/OR UTILITY COMPANIES WHICH MAY HAVE JURISDICTION OVER THIS PROJECT.
3. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING, HANDLING, AND STORAGE OF ITEMS/MATERIALS TO REMAIN THE PROPERTY OF THE OWNER WITH THE OWNER'S REPRESENTATIVE.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MEANS AND METHODS AND 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.
5. 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...
6. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS TO THE STRUCTURAL ENGINEER OF RECORD (SER) AND RECEIVE APPROVAL PRIOR TO FABRICATION AND ERECTION OF MATERIALS. THE DETAILING OF WORK IS PART OF THE CONTRACT AND SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF THE CODES SPECIFIED.
7. 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.
8. WORK SHALL REQUIRE ADHERANCE TO THE REQUIREMENTS OF ASTM DESIGNATION E-329 ENTITLED "RECOMMENDED PRACTICE FOR INSPECTION AND TESTING AGENCIES FOR CONCRETE AND STEEL USED IN CONSTRUCTION".
9. SPECIAL INSPECTIONS: AN INDEPENDENT INSPECTIONS PROGRAM AND SCHEDULE SHALL BE ARRANGED BY THE BUILDING OWNER AND THE STRUCTURAL ENGINEER OF RECORD.
10. A QUALIFIED PERSON APPROVED BY THE BUILDING OFFICIALS SHALL MAKE SPECIAL INSPECTIONS IN ACCORDANCE WITH CHAPTER 17 OF THE IBC2006 AND AS DEFINED. SPECIAL INSPECTOR SHALL OBSERVE WORK FOR CONFORMANCE WITH THE APPROVED DRAWINGS AND SPECIFICATIONS.
11. INSPECTION REPORTS SHALL BE FURNISHED TO THE OWNER, BUILDING OFFICIAL, ARCHITECT AND SER. DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE CONTRACTOR. AND IF NOT CORRECTED, SHALL BE REPORTED TO THE OWNER, BUILDING OFFICIAL, ARCHITECT AND SER.
12. THE FOLLOWING TYPES OF WORK SHALL RECEIVE SPECIAL INSPECTION OVERSITE: INSTALLATION OF HIGH STRENGTH BOLTS, WELDING, INSTALLATION OF REINFORCING STEEL, CONCRETE PLACEMENT, STRUCTURAL FILL PLACEMENT, AND FABRICATION PROCESSES OF WOOD STRUCTURAL ELEMENTS AND ASSEMBLIES.

E8 GENERAL NOTES

1. CONCRETE FOOTINGS, FOUNDATION WALLS AND INTERIOR SLAB SHALL ATTAIN 3000 PSI MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS. EXTERIOR CONCRETE SLABS AND SIDEWALKS SHALL ATTAIN 4000 PSI MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS. USE 3/4-INCH MAXIMUM AGGREGATE IN CONCRETE. SUBMIT CONCRETE MIX DESIGNS TO ENGINEER FOR REVIEW.
2. INTERIOR 4" SLABS ON GRADE SHALL BE REINFORCED WITH 6 X 6 X W1.4 X W1.4 WELDED WIRE FABRIC OR MESH.
3. FOUNDATION WALL CONTROL JOINTS SHALL BE PLACED AT A MAXIMUM SPACING OF 6'-0". ALIGN FOUNDATION CONTROL JOINTS WITH EXTERIOR MASONRY VENEER JOINTS.
4. SLAB ON GRADE CONTROL JOINTS SHALL BE PLACED AS SHOWN ON PLANS. CONTROL JOINTS SHALL BE FILLED WITH SEALANT AT THE COMPLETION OF THE PROJECT.
5. CONTRACTOR WILL CHECK WITH EACH TRADE TO ASSURE CORRECT LOCATION, SIZE, LINE AND ELEVATION OF SLEEVES, BOND-OUTS, ETC. REQUIRED IN CONCRETE FLOORS AND WALLS.
6. INTERSECTING CONCRETE WALLS SHALL BE TIED WITH #4 L BARS 3'-0" LONG (BENT 18" - 18"), SPACED AT 12" O.C. OUTSIDE FACE ONLY.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FLOOR DRAIN SETTING FOR ELEVATION AND PLUMBNESS TO ASSURE COMPLETE AREA DRAINAGE.
8. FOOTINGS SHALL BEAR ON VIRGIN SOIL OR STRUCTURAL BACKFILL COMPACTED TO A UNIFORM 95% STANDARD DENSITY.
9. 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.
10. ADMIXTURES CONTAINING CALCIUM CHLORIDE SHALL NOT BE USED. CONCRETE SHALL NOT BE IN DIRECT CONTACT WITH ALUMINUM.
11. PROVIDE IN SLABS ON GRADE (2) BARS 4'-0" LONG AT EACH REENTRANT CORNER AND BOTH SIDES OF DOOR OPENING.
12. FOUNDATION WALL REINFORCING WILL BE ADJUSTED AS REQUIRED NOT TO INTERFERE WITH BASE PLATE ANCHOR BOLTS.
13. REFER TO ACI 318 (LATEST EDITION) FOR MINIMUM CONCRETE COVER FOR REINFORCING STEEL.
14. UNLESS OTHERWISE NOTED, REINFORCING LAP SPLICES SHALL BE ACI CLASS B SPLICES USING THE FOLLOWING LAP LENGTHS:

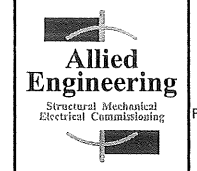
BAR SIZE	3	4	5	6	7	8	9	10	11
LAP (in.)	14	19	23	28	38	43	49	62	74
15. COORDINATE SLAB DEPRESSIONS WITH ARCHITECTURAL DRAWINGS.

C8 FOUNDATION NOTES

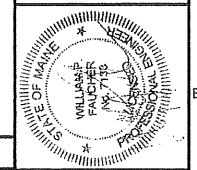
1. PROVIDE VERTICAL CONTROL, EXPANSION OR CONTRACTION JOINTS SPACED AT 15'-0" ON-CENTER (MAX) AND LOCATE JOINTS AT EACH SIDE OF DOOR OPENINGS WHERE POSSIBLE FOR INTERIOR MASONRY WALLS. CONTROL JOINTS FOR EXTERIOR MASONRY WALLS SHALL BE AS INDICATED IN THIS NOTE OR AS SHOWN ON EXTERIOR ELEVATIONS.
2. BRICK VENEER UNITS: GRADE N, 1000 PSI, MINIMUM COMPRESSIVE STRENGTH. WALL DESIGN STRENGTH, F_m = 1500 psi.
3. LAY UNITS IN RUNNING BOND - CORNERS SHALL HAVE A STANDARD BOND BY OVERLAPPING UNITS.
4. MORTAR: TYPE M.
5. GROUT: (3000) PSI MINIMUM 28 DAY COMPRESSIVE STRENGTH.
6. PROVIDE LADDER TYPE #9 JOINT REINFORCING AT 16-INCHES VERTICAL SPACING IN WALLS.
7. WET MASONRY WALLS THOROUGHLY FOR (3) CONSECUTIVE DAYS IMMEDIATELY AFTER PLACEMENT IF TEMPERATURES ARE WILL BE ABOVE 80°F DURING THE DAY.
8. MASONRY LAID IN OUTSIDE AIR TEMPERATURES BELOW 40°F SHALL BE PROTECTED IN ACCORDANCE WITH THE PROVISIONS OF THE "IMAWC RECOMMENDED PRACTICES AND GUIDE SPECIFICATIONS FOR COLD WEATHER MASONRY".

A8 MASONRY NOTES

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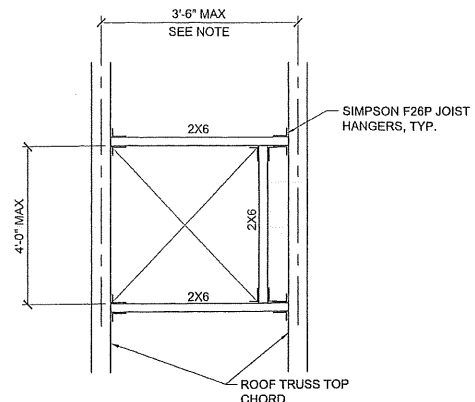


REVISIONS			DESCRIPTION
NUMBER	DATE	BY	

Date: 01-19-2009
Drawn By: PED
Checked By: WPF
Project Mgr: WPF
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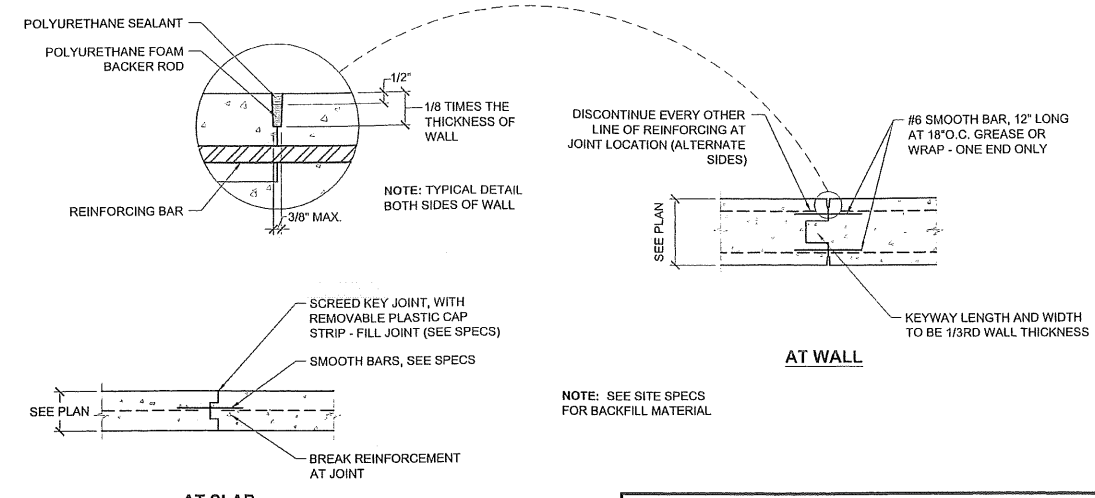
GENERAL NOTES
BURGER KING
132 RIVERSIDE STREET
PORTLAND, MAINE

S-000

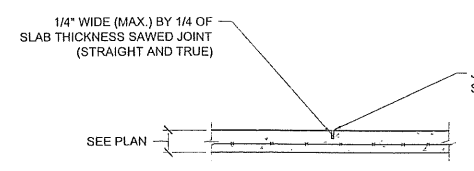


NOTE: ADD 2X6 @ 24" O.C. LADDER FRAMING BETWEEN TRUSSES WHEN SPACING EXCEEDS 2'-0"

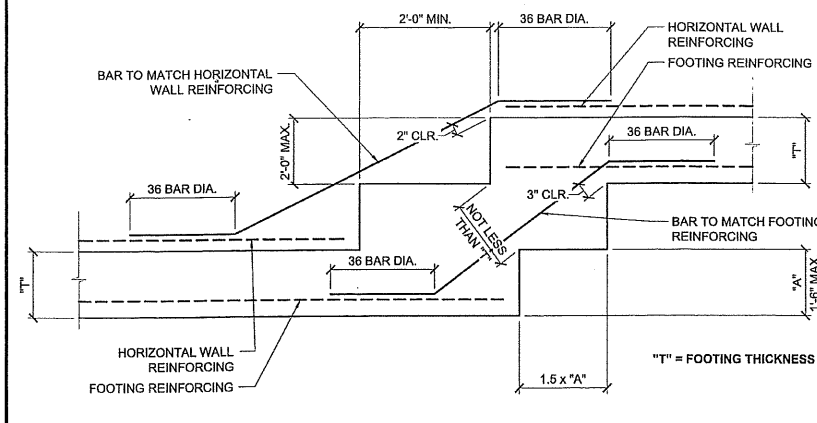
F1 TYPICAL ROOF DECK OPENING



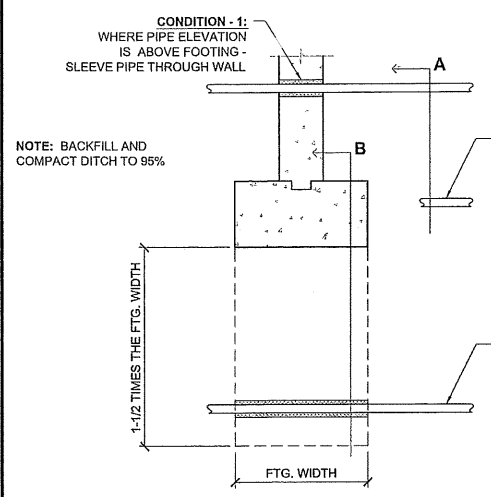
F4 WALL AND SLAB CONSTRUCTION JOINT DETAIL



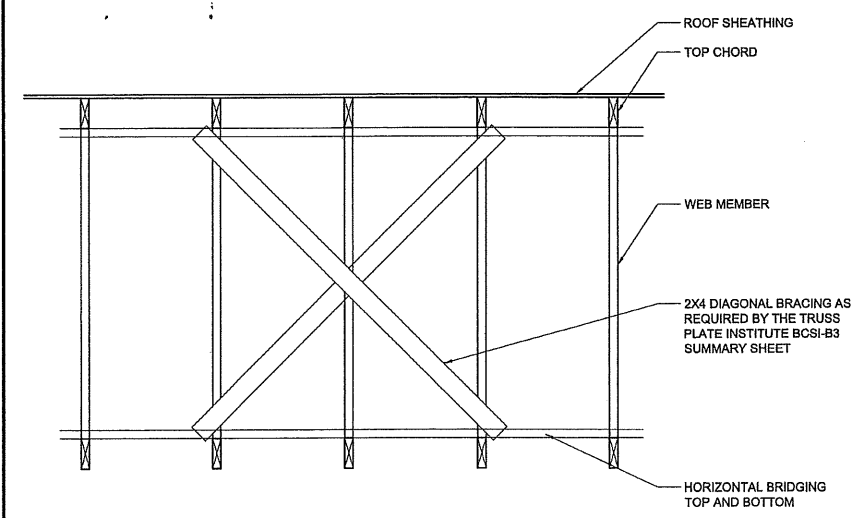
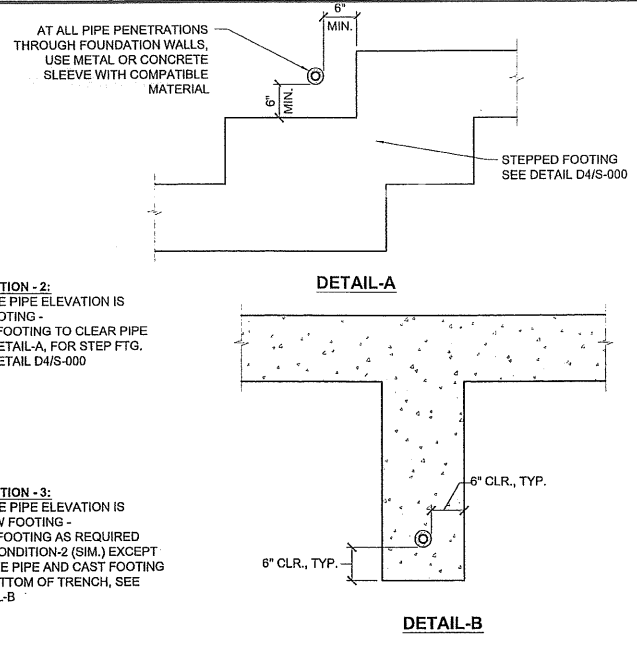
F9 TYPICAL SLAB CONTROL JOINT DETAIL



D4 TYPICAL STEPPED FOOTING DETAIL



D7 TYPICAL PIPE AT FOOTING DETAIL



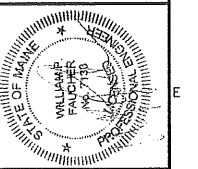
NOTE: CROSS BRACING REPEATED AT EACH END OF THE BUILDING AT 20' INTERVALS. DIAGONAL WEB BRACING IS REQUIRED ON END VERTICALS. (SEE BCSI-B3 FOR SPACING OF DIAGONAL WEB BRACING) - TRUSS MANUF. TO CONFIRM QUANTITY SIZE AND LOCATION OF BRACING

A8 TRUSS BRIDGING

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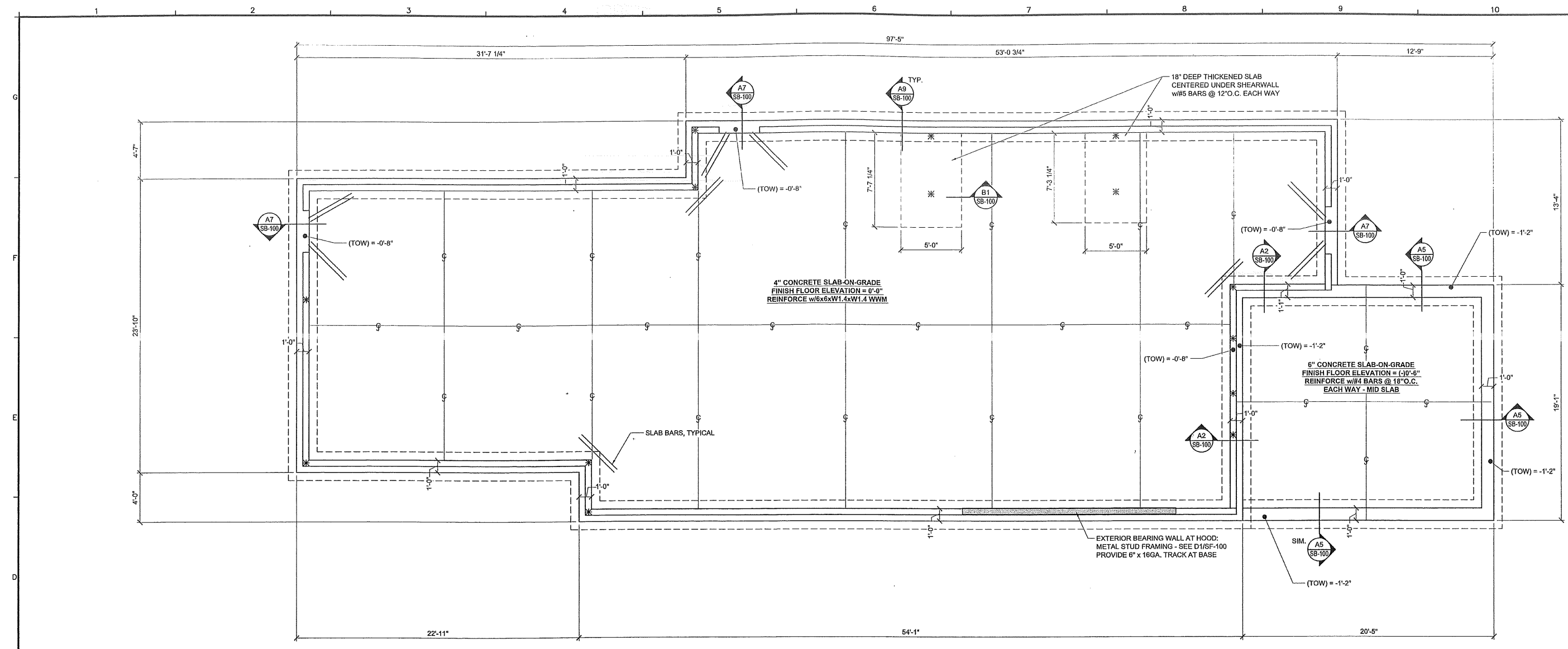


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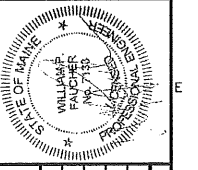
TYPICAL DETAILS
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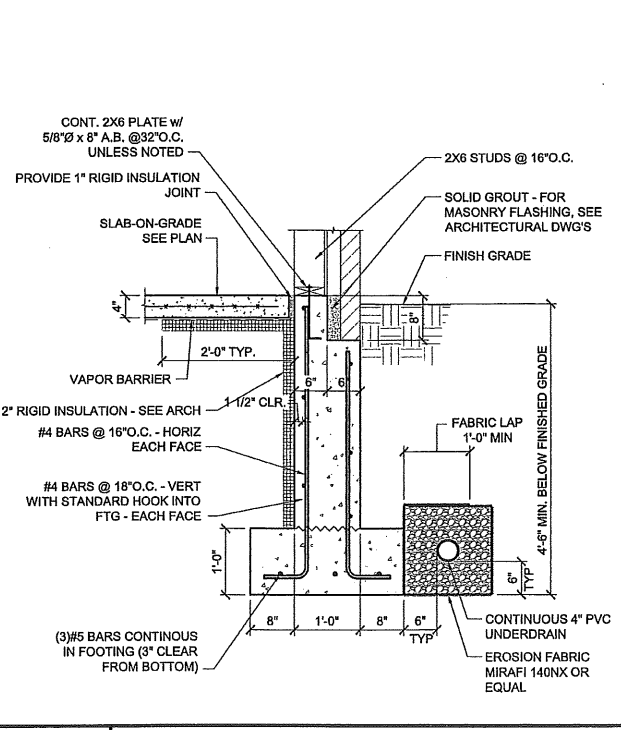
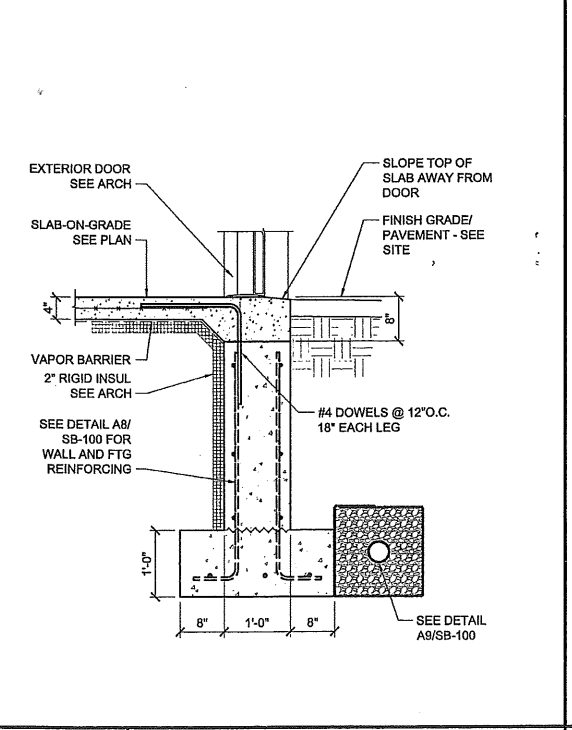
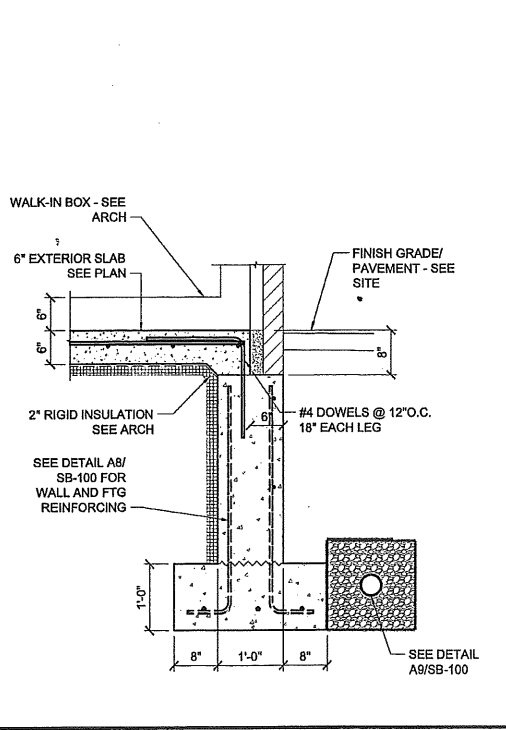
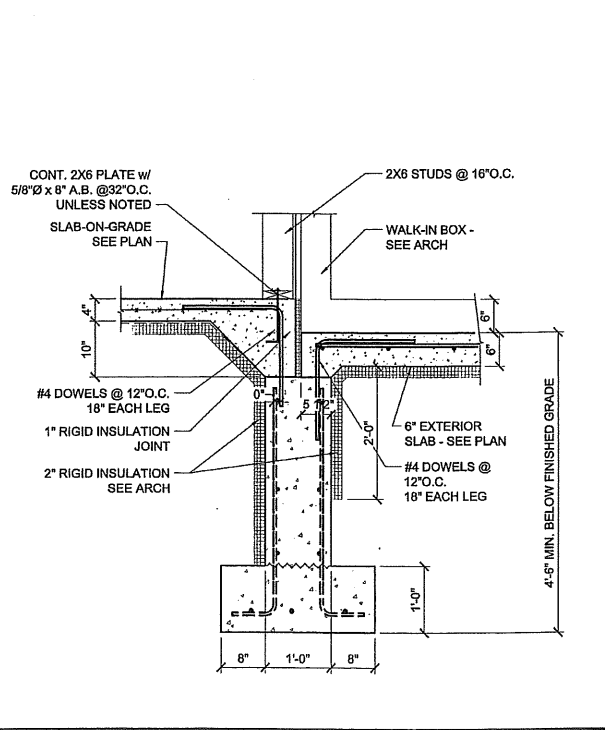
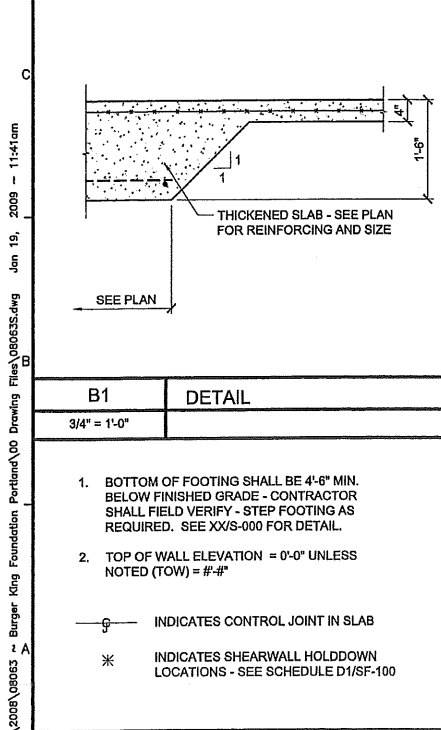
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REVISIONS	NUMBER	DATE	BY	DESCRIPTION

D1 FOUNDATION PLAN
1/4" = 1'-0"



Date: 01-19-2009
Drawn By: PED
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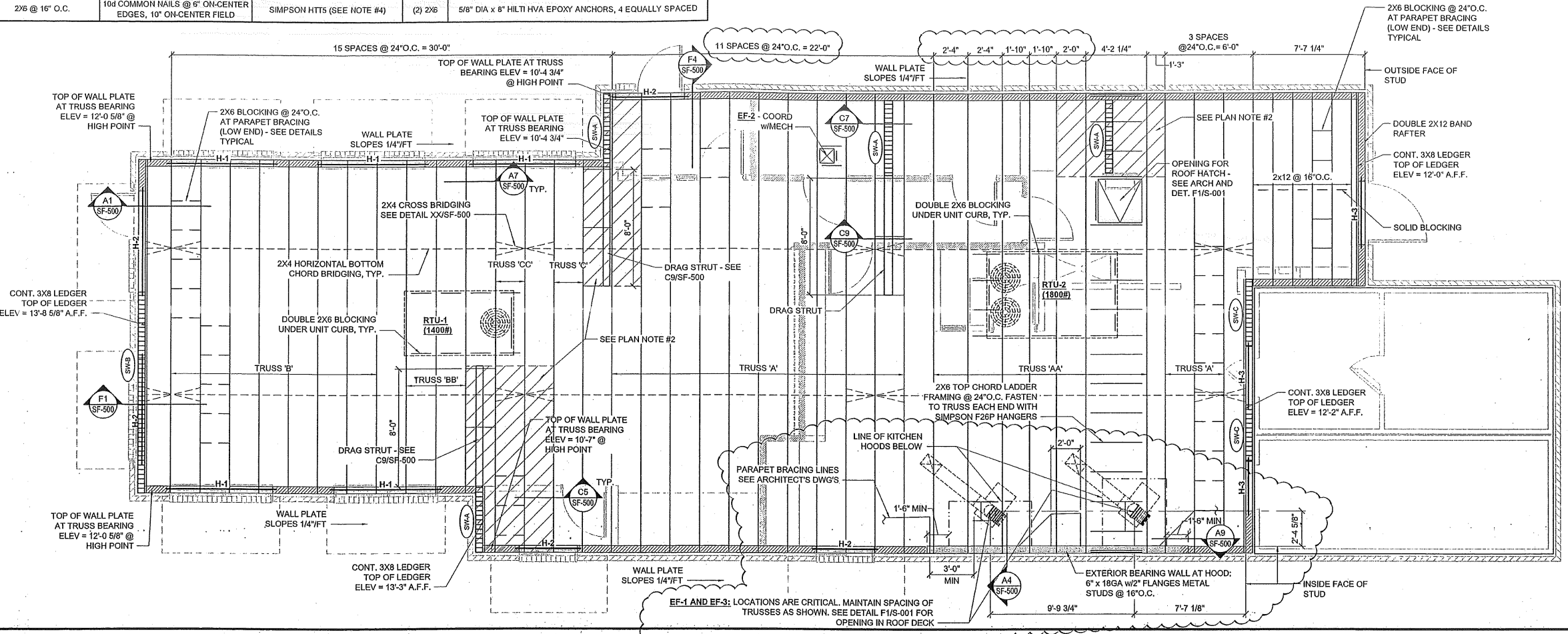
FOUNDATION PLAN AND DETAILS
BURGER KING
132 RIVERSIDE STREET
PORTLAND, MAINE

SB-100

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SHEARWALL SCHEDULE						
TYPE	MATERIAL	FRAMING	FASTENER	HOLD-DOWN (@ EACH END)	END-POST	BOTTOM PLATE CONNECTION
SW-A	(2) LAYERS 15/32" PLYWOOD	2x6 @ 16" O.C.	10d COMMON NAILS @ 3" ON-CENTER EDGES, 10" ON-CENTER FIELD	SIMPSON HD12 (SEENOTE#3)	6x6 OR 4x8	5/8" DIA x 8" HILTI HVA EPOXY ANCHORS, 5 EQUALLY SPACED
SW-B	15/32" PLYWOOD	2x6 @ 16" O.C.	10d COMMON NAILS @ 4" ON-CENTER EDGES, 10" ON-CENTER FIELD	SIMPSON HTTS (SEE NOTE #4)	(2) 2x6	5/8" DIA x 8" HILTI HVA EPOXY ANCHORS @ 16" O.C.
SW-C	15/32" PLYWOOD	2x6 @ 16" O.C.	10d COMMON NAILS @ 6" ON-CENTER EDGES, 10" ON-CENTER FIELD	SIMPSON HTTS (SEE NOTE #4)	(2) 2x6	5/8" DIA x 8" HILTI HVA EPOXY ANCHORS, 4 EQUALLY SPACED

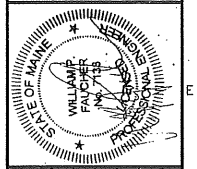
- SHEARWALL NOTES:**
- PLACE (1) LAYER OF PLYWOOD ON EACH FACE AT SHEARWALLS INDICATING DOUBLE LAYER. PLYWOOD SHEATHING TO EXTEND FROM FOUNDATION TO ROOF SHEATHING.
 - AT SIMPSON HD12 USE (4) 1" THRU BOLTS TO WOOD END POSTS AND 1 1/8" x 18" LONG HEADED ANCHOR BOLT TO CONCRETE 14" MINIMUM EMBEDMENT
 - AT SIMPSON HTTS USE (26) 10d NAILS TO END POSTS AND (1) 5/8" x 14" LONG HEADED ANCHOR BOLT TO CONCRETE, 11" MINIMUM EMBEDMENT
 - PROVIDE SOLID BLOCKING AT PLYWOOD EDGES, FULL HEIGHT.
 - SEE F8/SF-500 FOR SHEARWALL DETAILS



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REVISIONS	DATE	BY	DESCRIPTION

D1 ROOF FRAMING PLAN
1/4" = 1'-0"

HEADER SCHEDULE			
TYPE	HEADER	SUPPORT	
		JACK	STUD
H-1	(3) 2x12	(2) 2x6	(1) 2x6
H-2	(3) 2x10	(2) 2x6	(1) 2x6
H-3	(2) 2x10	(1) 2x6	(1) 2x6

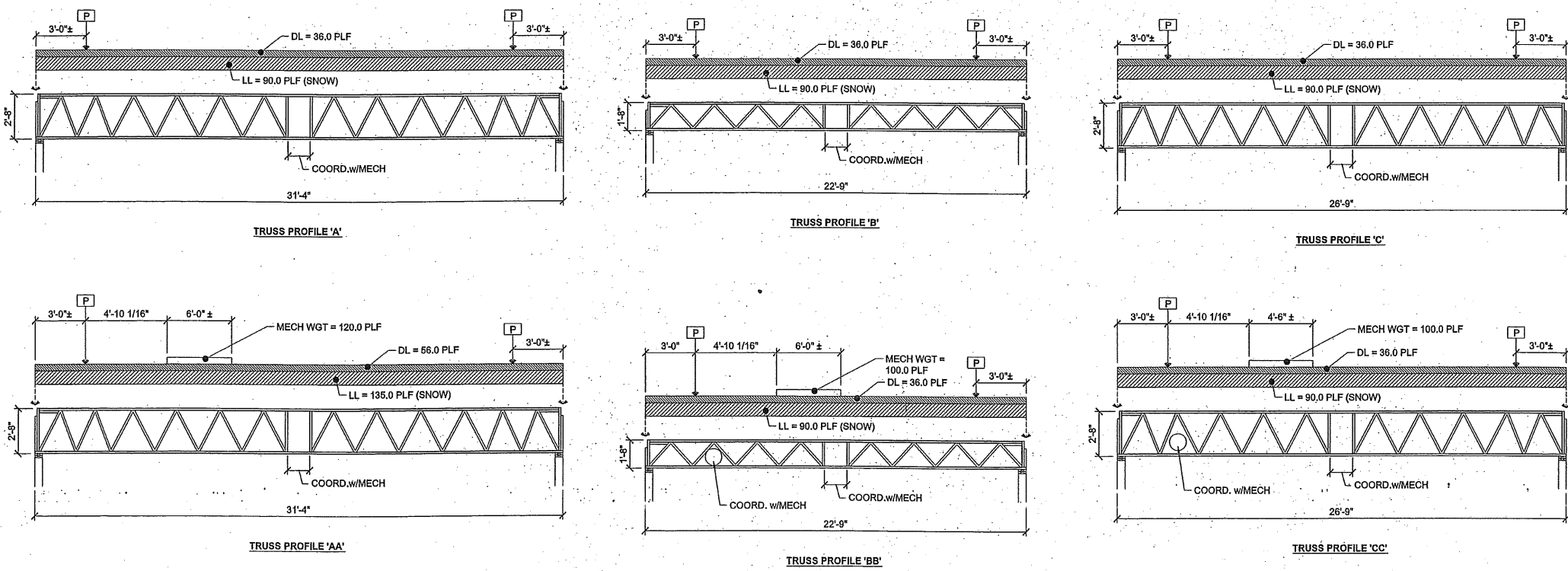
NOTES:

- ADD ADDITIONAL STUD TO END OF HEADERS AND NAIL TO JACK SUPPORT STUDS SHOWN IN SCHEDULE.
- PROVIDE INSULATION AND SPACERS BETWEEN HEADER MEMBERS.

C1 HEADER SCHEDULE

- SEE NOTES SHEET S-000 FOR INFORMATION NOT SHOWN
- PROVIDE SOLID BLOCKING AT PLYWOOD EDGES AND NAIL WITH 10d NAILS @ 4" O.C.
- VERIFY ROOF TOP UNIT LOCATIONS WITH MECHANICAL DRAWINGS
- STEP WALL TOP PLATE PER DETAIL A7/SF-500 AT CHANGE IN ROOF FRAMING DEPTH.

A1 PLAN NOTES



- ROOF TRUSS NOTES:**
- TRUSS HEIGHTS SHOWN ARE MAXIMUM - NOT TO EXCEED. REDUCE HEIGHTS WHERE POSSIBLE FOR ECONOMICAL DESIGN OF MEMBERS.
 - VERIFY MECHANICAL UNIT LOCATIONS AND WEIGHTS PRIOR TO FABRICATING TRUSSES
 - COORDINATE TRUSS SPANS WITH ARCHITECTURAL DRAWINGS.
 - P = 300# (TYP.) (SNOW LOAD)

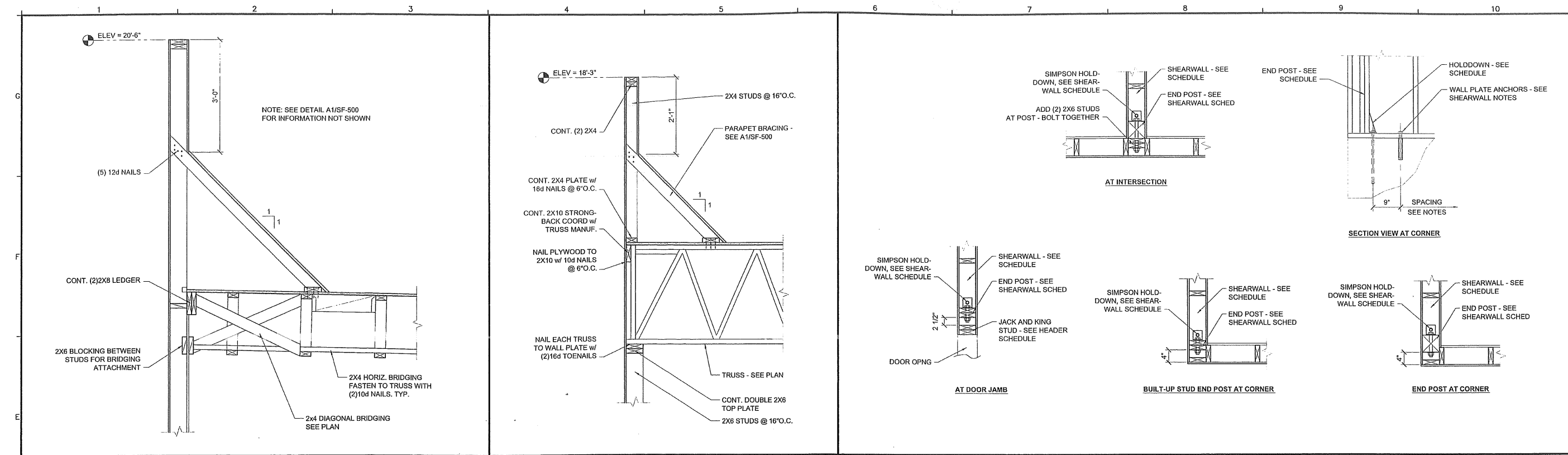
A2 TRUSS PROFILES
1/4" = 1'-0"

Date: 01-19-2009
Drawn By: PED
Checked By: WFF
Project Mgr: WFF
Project No: 08063
Cad File: 08063.dwg
Graphic Scale: 0

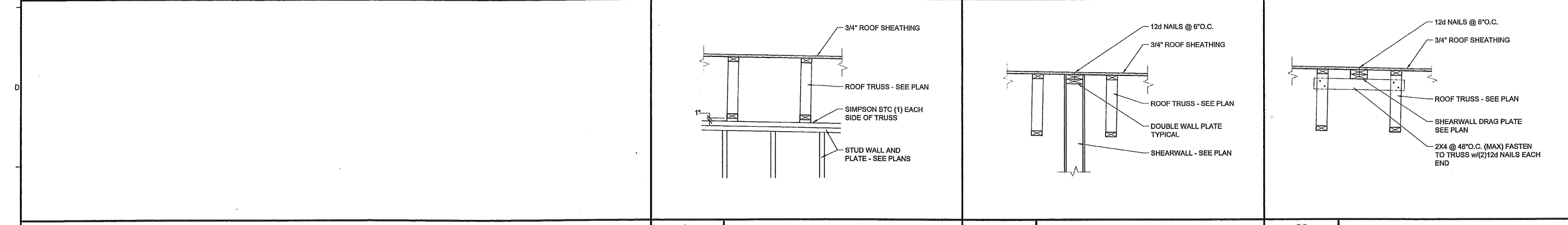
ROOF FRAMING PLAN
BURGER KING
132 RIVERSIDE STREET
PORTLAND, MAINE

SF-100

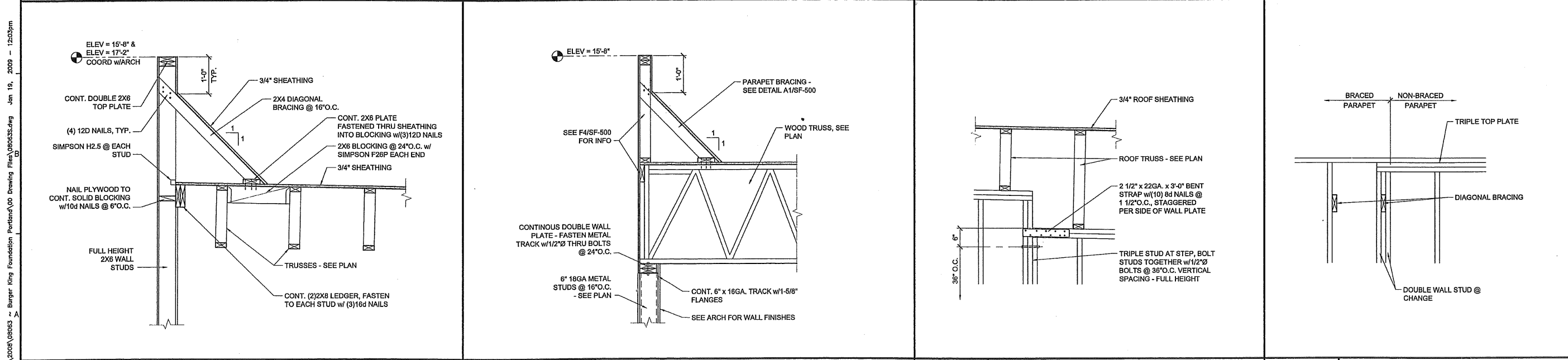
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F1 DETAIL 3/4" = 1'-0" F4 DETAIL 3/4" = 1'-0" F6 SHEARWALL DETAILS 3/4" = 1'-0" F9 SECTION VIEW AT CORNER



C5 PARTITION (NON-BEARING) WALL SUPPORT 3/4" = 1'-0" C7 SHEARWALL @ ROOF 3/4" = 1'-0" C9 DETAIL @ DRAG STRUT 3/4" = 1'-0"



A1 DETAIL 3/4" = 1'-0" A4 DETAIL 3/4" = 1'-0" A7 DETAIL @ WALL PLATE STEP 3/4" = 1'-0" A9 DETAIL @ NON-BRACED PARAPET 3/4" = 1'-0"

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REVISIONS	NUMBER	DATE	BY	DESCRIPTION

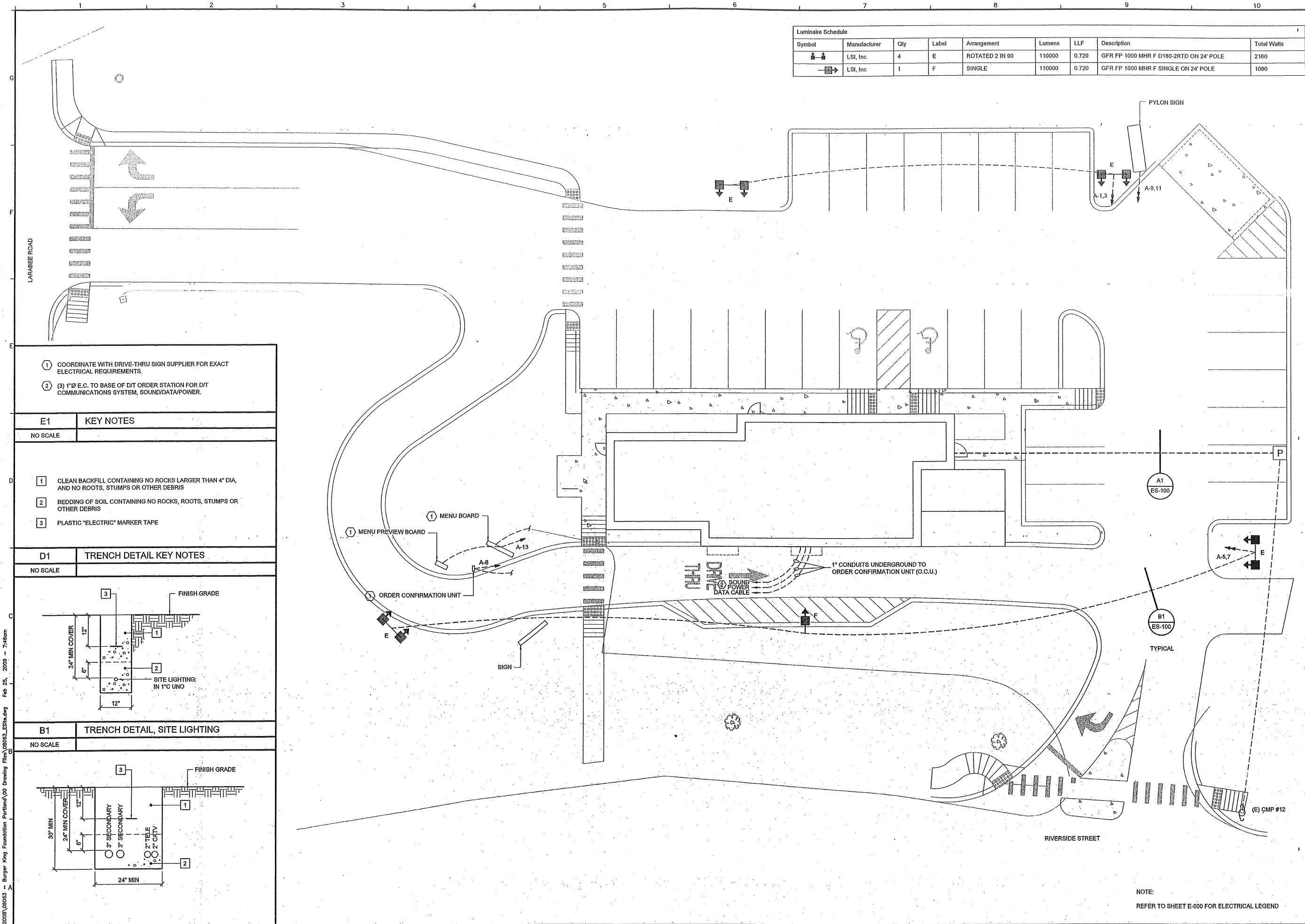
Date: 01-19-2009
 Drawn By: PED
 Checked By: WPF
 Project Mgr: WPF
 Project No: 08063
 Cad File: 08063.SS.dwg
 Graphic Scale: 0

STRUCTURAL DETAILS
 BURGER KING
 132 RIVERSIDE STREET
 PORTLAND, MAINE

SF-500

N:\Projects\2008\08063 - Burger King Foundation Portland\00 Drawing Files\08063.SS.dwg Jan 19, 2009 12:03:29pm

Symbol	Manufacturer	Qty	Label	Arrangement	Lumens	LLF	Description	Total Watts
	LSI, Inc	4	E	ROTATED 2 IN 90	110000	0.720	GFR FP 1000 MHR F D180-2RTD ON 24' POLE	2160
	LSI, Inc	1	F	SINGLE	110000	0.720	GFR FP 1000 MHR F SINGLE ON 24' POLE	1080

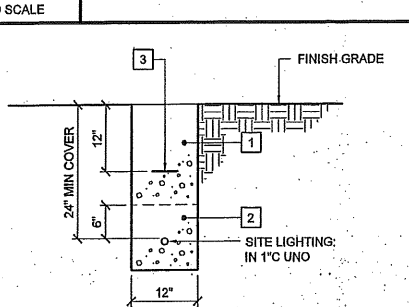


- ① COORDINATE WITH DRIVE-THRU SIGN SUPPLIER FOR EXACT ELECTRICAL REQUIREMENTS.
- ② (3) 1"Ø E.C. TO BASE OF D/T ORDER STATION FOR D/T COMMUNICATIONS SYSTEM, SOUND/DATA/POWER.

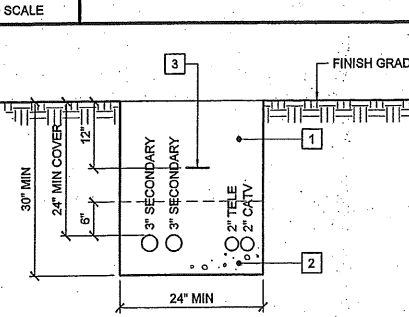
E1 KEY NOTES

- 1 CLEAN BACKFILL CONTAINING NO ROCKS LARGER THAN 4" DIA, AND NO ROOTS, STUMPS OR OTHER DEBRIS
- 2 BEDDING OF SOIL CONTAINING NO ROCKS, ROOTS, STUMPS OR OTHER DEBRIS
- 3 PLASTIC "ELECTRIC" MARKER TAPE

D1 TRENCH DETAIL KEY NOTES



B1 TRENCH DETAIL, SITE LIGHTING



A1 TRENCH DETAIL

NO SCALE

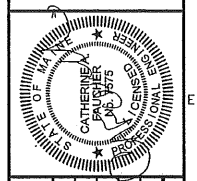
A3 ELECTRICAL SITE PLAN

1"=10'-0"

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REVISIONS	NUMBER	DATE	BY	DESCRIPTION

Date: 02-20-2009
Drawn By: DLL
Checked By: SRM
Project Mgr: WPF
Project No: 08063
Cadd File: 08063_ES.dwg
Graphic: 0
Scale: 1"

ELECTRICAL SITE PLAN

BURGER KING
132 RIVERSIDE STREET
PORTLAND, MAINE

ES-100

NOTE:
REFER TO SHEET E-000 FOR ELECTRICAL LEGEND

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LIGHT FIXTURE SCHEDULE				
TYPE	MANUFACTURER	CATALOG NO.	WATTAGE	REMARKS
A	LSI	206VIA19-1-100V-UNIV-C27-206VCL-LAMP	26 CFL	6" DIAMETER RECESSED DOWNLIGHT
	GE	H7T-ERT710	26 CFL	
	HERMITAGE-SECURITY	SLS-87-AT / SLS-87-28	FLE20HT3	
	RUUD	R7 RT31CL	26 CFL	
A2	LSI	ATM-150-INC-120-A12LL-GWT-CA120WHT-LAMP	42 CFL	12" DIAMETER HIGHBAY STYLE BOTTOM OF LIGHT AT 9'-0" AFF
	GE	H2601SL	42 CFL	
	HERMITAGE-SECURITY	RLM-CH-INC-NA-120	42 CFL	
	RUUD	E-9001B&	42 CFL	
B	LSI	GEN-120-SN-BL/AM-QCC-120-SN-LAMP	100 IN	DECORATIVE PENDANT LIGHT WITH BLUE OR AMBER GLASS. PENDANTS TO BE CENTERED OVER TABLES PER DECOR DRAWINGS. COORDINATE LOCATION AND QUANTITY WITH DECOR SUPPLIER. BOTTOM OF LIGHT @ 6'-6" AFF
	GE	BK60ACRY-PENBL (BLUE) -OR- BK60ACRY-PENGD(GOLD)	60 IN	
	HERMITAGE-SECURITY	06109228 / 06108709	60 IN	
	RUUD	%BBC000214 -OR- %BBC000318 AMBER -OR- %BC000319 BLUE	60 IN	
C	LSI	FB36B-MAB-LMPFL	26 CFL	6" DIAMETER SURFACE MTD CYLINDER, BLACK. JUNCTION BOX STEM WOOD TRUSS "C" FIXTURE MOUNT WITH BOTTOM OF FIXTURE FLUSH TO UNDERSIDE OF TRUSS.
	GE	SP2589	26 CFL	
	HERMITAGE-SECURITY	SLS-F5774-31-MOD	26 CFL	
	RUUD	RS9035A-AB\$ RS9035B-NF\$	26 CFL	
E	LSI	1TFA-232-SD-SSO10-LM735-UE	(2)32 FL	1x4 RECESSED FLUORESCENT
	GE	GR8-232A-UNV-L8735-EB81-U	(2)32 FL	
	HERMITAGE-SECURITY	R142BLW120/GFK14	(2)32 FL	
	RUUD	%F14GT-232B1K7	(2)32 FL	
F	PARAPET LIGHT BAND TO BE SUPPLIED & INSTALLED BY LEXTRON, INC. OR D.V.S., OR SIGNSTRUT, INC. COORDINATE LENGTH OF BAND AND ELECTRICAL REQUIREMENTS WITH MANUFACTURER. G.C. TO RUN POWER AND PROVIDE FINAL CONNECTIONS TO LIGHT FIXTURES.			
G	LSI	GA-432-SD-SSO10-LM735-UE	(4)32 FL	2x4 RECESSED FLUORESCENT
	GE	GR8-332A-UNV-L8735-EB81-U	(3)32 FL	
	HERMITAGE-SECURITY	R244BLW120	(4)32 FL	
	RUUD	%F24GT-432N1C9	(4)32 FL	
K	LSI	SOV-RD-175-MH-73-120-LAMP	175 MH	12x12 RECESSED SOFFIT LIGHT
	GE	RV2426	175 MH	
	HERMITAGE-SECURITY	852-175MH-FTP-OW-WH	175 MH	
	RUUD	MRC0417-1	175 MH	
L	LSI	CASB-100-MH-120-LAMP (BLACK OR SILVER)	100 MH	SURFACE MOUNTED EXTERIOR WALL SCONCE
	GE	CRNW-175MH-MT	175MH	
	HERMITAGE-SECURITY	EG-240 HO 120	175 MH	
	RUUD	SE5410-D SE9139& (BLACK OR SILVER)	100 MH	
M	LSI	EG-1-48HO-E-WL-PD-LMP-120V	60 FL	WET LOCATION LISTED 4'-0" FLUORESCENT UNDER CANOPY LIGHT ARE TO BE INSTALLED POINTING DOWN. PROVIDE BRACKETS AS REQUIRED.
	GE	VT2-232DR-UNV-EB81	(2)32 FL	
	HERMITAGE-SECURITY	RWSC-175MH-UD-PS-MT	(2)32 FL	
	RUUD	HS14V2X64-U	(2) 64 FL	
N	LSI	SIFCM-WB-175-MH-F-MT-BLACK-LAMP	175 MH	WALL MOUNTED SECURITY LIGHT
	GE	MHWL175-120V-LL	175 MH	
	HERMITAGE-SECURITY	SWP-175MH-WH/PS	175 MH	
	RUUD	MGWP0417-M	175 MH	
EM	LSI	EM2R610	-	EMERGENCY LIGHT
	GE	AP2SQ	-	
	HERMITAGE-SECURITY	PE 6	-	
	RUUD	EMHC6100	-	
X	LSI	EMEXR-1/2-R-W-120/277-EM	-	EXIT LIGHT
	GE	AP70RWHDH	-	
	HERMITAGE-SECURITY	PRB	-	
	RUUD	EXPCRWH-HO	-	

NOTES:

- NOT ALL LIGHT FIXTURE TYPES SHOWN ON SCHEDULE MAY BE USED ON THIS PROJECT. REFER TO LIGHTING PLAN FOR PROJECT SPECIFIC TYPES AND QUANTITIES.
- LIGHT FIXTURES IN DINING ROOM AREA AND RESTROOM CORRIDOR ARE TO BE SUPPORTED FROM EXPOSED ROOF TRUSSES. - USE 2x4 BETWEEN BOTTOM CORDS FOR SURFACE MOUNTED FIXTURES.

- WORK SHALL BE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE AND OTHER APPLICABLE CODES AND STANDARDS.
- DEVICE BOXES SHALL BE INSTALLED FLUSH AND CONDUITS RUN CONCEALED IN FINISHED AREAS EXCEPT AS SPECIFICALLY SHOWN/NOTED OTHERWISE.
- INSTALL POWER AND CONTROL WIRING AND REQUIRED CONTROL COMPONENTS FOR AIR CONDITIONING SYSTEMS AS SHOWN/NOTED ON THESE DRAWINGS AND PER OTHER APPLICABLE DRAWINGS/INSTRUCTIONS, SEE A/C DRAWINGS.
- WIRE SIZE SHALL BE #12 MIN., UNLESS OTHERWISE NOTED. WIRE SIZES SMALLER THAN #6 AWG SHALL BE THIN/THWN UNLESS NOTED OTHERWISE.
- WIRE (CONDUCTOR) COLORS SHALL BE AS PER APPLICABLE CODES.
- CONDUCTORS SHALL BE COPPER.
- CONDUCTORS SHALL BE RUN IN CONDUIT, EXCEPT LOW VOLTAGE CONTROL AND COMMUNICATION CABLES.
- MATERIALS SHALL BE UL LISTED.
- BRANCH CIRCUITS AND FEEDERS, SHALL INCLUDE A GREEN EQUIPMENT GROUNDING CONDUCTOR SIZED AS PER NEC 250-122.
- PVC (SCHEDULE 40) PERMITTED BELOW SLAB AND BELOW GRADE ONLY. PROVIDE RIGID STEEL OR IMC ELBOWS AND STUBS ABOVE GRADE OR FLOOR.
- EMPTY CONDUITS TO BE PROVIDED WITH NYLON PULL STRING.
- TYPEWRITTEN PANEL DIRECTORY SHALL BE FURNISHED AFTER JOB IS COMPLETED REFLECTING ALL AS BUILT CONDITIONS.
- BRANCH CIRCUITS SHALL BE PROPERLY PHASE BALANCED.
- DATA EQUIPMENT TO BE FED BY A DEDICATED CIRCUIT WHICH CONSISTS OF A POWER CIRCUIT THAT FEEDS THIS TYPE OF EQUIPMENT ONLY WITH A SEPARATE GREEN GROUNDING CONDUCTOR CARRIED ALL THE WAY BACK TO THE PANEL TO BE CONNECTED TO THE GROUNDING SYSTEM.
- FUSES SHALL BE DUAL ELEMENT, TIME DELAY TYPE UNLESS OTHERWISE NOTED.
- VERIFY INTERIOR DECOR THEME TO BE USED AND COORDINATE WITH IT.
- INSTALL AND CONNECT WIRING TO ALL SIGNS.
- COORDINATE ROUGHING-IN TO ALL EQUIPMENT WITH EQUIPMENT SUPPLIER PRIOR TO INSTALLING CONDUITS.
- CONDUIT RUNS TO KITCHEN EQUIPMENT SHALL BE RUN ABOVE CEILING.
- MAINTAIN 12" CLEARANCE BETWEEN POS COMM. CONDUITS AND LIGHTING FIXTURES AS WELL AS POWER CONDUITS.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO REVIEW ALL DRAWINGS AND SPECIFICATIONS, INCLUDING BUT NOT LIMITED TO ARCHITECTURAL, CIVIL, STRUCTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL PRIOR TO SUBMITTING A BID. REPORT ANY DISCREPANCIES TO ARCHITECT OR ENGINEER PRIOR TO BID.
- BIDDERS ARE TO VISIT THE SITE AND FAMILIARIZE THEMSELVES WITH EXISTING CONDITIONS AND SATISFY THEMSELVES AS TO THE NATURE AND SCOPE OF THE WORK. THE SUBMISSION OF A BID WILL BE EVIDENCE THAT SUCH AN EXAMINATION HAS BEEN MADE. LATER CLAIMS FOR LABOR, EQUIPMENT, OR MATERIALS REQUIRED, OR FOR ANY DIFFICULTIES ENCOUNTERED WHICH COULD HAVE BEEN FORESEEN HAD AN EXAMINATION BEEN MADE, WILL NOT BE ALLOWED.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE ARCHITECT, LANDLORD, OR TENANT OF ANY DISCREPANCIES ENCOUNTERED ON THE PLANS OR IN EXISTING SITE CONDITIONS PRIOR TO SUBMISSION OF BID.
- CONTRACTOR, DURING PRE-BID SITE VISIT, SHALL TAKE NOTICE OF ANY VISUALLY APPARENT CODE VIOLATIONS AND ALLOW IN HIS/HER BID FOR CORRECTING SUCH VIOLATIONS.
- CONTRACTORS ARE CAUTIONED TO COORDINATE ITEMS IN THEIR SCOPE OF WORK WITH OTHER TRADES.
- THESE NOTES APPLY TO ALL SHEETS.

D5 GENERAL NOTES

- ELECTRICAL COORDINATION - H.V.A.C.
- PROVIDE PITCH PANS FOR POWER AND CONTROL WIRING, MAINTAIN 12" MINIMUM CLEARANCE FROM BACK PANEL OF AIR CONDITIONING UNITS.
 - PROVIDE LOW-VOLTAGE CONTROL WIRING FOR AIR CONDITIONING UNITS AND FANS. COORDINATE AIR CONDITIONING AND ELECTRICAL PLANS.
 - PROVIDE DISCONNECTS FOR AIR CONDITIONING UNITS.
 - USE A MINIMUM OF 4'-6" SEALTITE FLEXIBLE CONDUIT WHEN WIRING KITCHEN HOOD EXHAUST FANS ON ROOF SO THAT FANS MAY BE REMOVED FROM CURBS AND PLACED ON ROOF FOR CLEANING EXHAUST DUCTWORK.

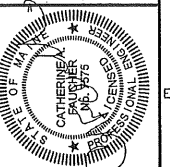
- ☎ TOGGLE SWITCH - SINGLE POLE
LOWER CASE LETTER INDICATES SWITCHING
- ☎ TOGGLE SWITCH - THREE WAY
LOWER CASE LETTER INDICATES SWITCHING
- ☎ DUPLEX 125V-20A-2 POLE-3 WIRE STRAIGHT BLADE
RECEPTACLE OUTLET - WALL MTD. (24" AFF. - UON)
- ☎ SINGLE 125V-20A-2 POLE-3 WIRE STRAIGHT BLADE
RECEPTACLE OUTLET - WALL MTD. (24" AFF. - UON)
- BB BUMP-BAR
- ☎ TELEPHONE OUTLET FOR POS MODEM
(ALL OUTLETS HOMERUN IN 3/4" CONDUIT
TO TELEPHONE BACKBOARD) MOUNT 96" AFF
- ☎ POS PRINTER DEVICE
- ☎ POS REGISTER DEVICE
- ☎ VIDEO DISPLAY DEVICE (CEILING MTD.)
- ☎ SECURITY CAMERA BY "PRIVID-EYE"
CONTACT: LARRY SATTLER, 954-581-1756
- ☎ SECURITY MONITOR BY "PRIVID-EYE"
PROVIDE DUPLEX RECEPTACLE @ 84" AFF (VERIFY)
CONNECT TO POS CIRCUIT
- A-3 CONDUIT RUN WITH ARROW DENOTING HOMERUN.
SUBSCRIPT INDICATES PANEL AND CIRCUIT NO.
GROUND CONDUCTOR REQUIRED IN ALL CONDUITS
BUT NOT INDICATED
- GFCI GROUND FAULT CIRCUIT INTERRUPTING
- WP WEATHERPROOF
- AFF ABOVE FINISHED FLOOR.
- IG ISOLATED GROUND
- UON UNLESS OTHERWISE NOTED
- POS POINT OF SALE
- IMC INTERMEDIATE METAL CONDUIT
- CFL COMPACT FLUORESCENT
- FL FLUORESCENT
- IN INCANDESCENT
- MH METAL HALIDE
- ☐ PUSHBUTTON SWITCH
- ☎ SINGLE RECEPTACLE HUBBELL #5361-1
- ☎ DUPLEX RECEPTACLE HUBBELL #8362-1
- ☎ 208V RECEPTACLE HUBBELL
208V, 1Ø - #5352-1 208V, 3Ø - #8420
- ☎ TELEPHONE OUTLET WITH BUSHED HOLE COVERPLATE
- ☎ JUNCTION OR GANG BOX
- ☎ CABLE TELEVISION OUTLET
- ☎ BUZZER / BELL
- ☎ REAR DOOR ALARM
- ☎ TRANSFORMER
- ☎ KEY NOTE
- ☎ IN-GROUND PULL BOX, SIZE PER CMP STANDARDS
- UNDERGROUND WIRING
- SINGLE POLE UNDERGROUND HOME RUN TO PANEL
- 2-POLE UNDERGROUND HOME RUN TO PANEL

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REVISIONS	NUMBER	DATE	BY	DESCRIPTION

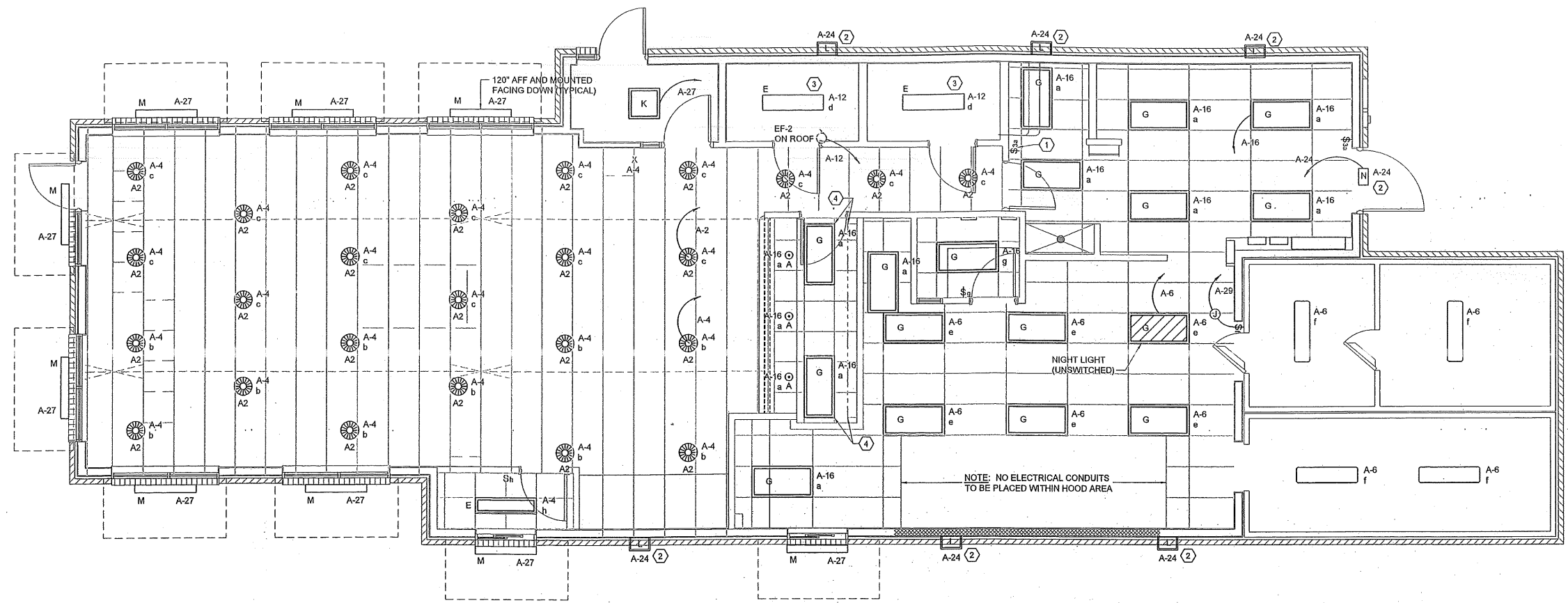
Date: 02-20-2009
Drawn By: DLL
Checked By: SRM
Project Mgr: WPF
Project No: 08063
Cad File: 08063_E.dwg
Graphic Scale: 0

**ELECTRICAL LEGEND, NOTES
AND LUMINAIRE SCHEDULE**

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PORTLAND, MAINE

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E-000



- A. LIGHT FIXTURE SPECIFICATIONS, REFER TO LIGHT FIXTURE SCHEDULE ON SHEET E-000.
- B. SEE ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION AND MOUNTING HEIGHTS OF LIGHT FIXTURES. COORDINATE FIXTURE LOCATIONS WITH DECOR SUPPLIER.
- C. MC CABLE ONLY PERMITTED FOR LIGHT WHIPS. ALL OTHER TO BE E.M.T. CONDUIT IN CEILING AND WALLS. RIGID CONDUIT UNDER SLAB.
- D. PROVIDE J-BOXES AT LIGHT FIXTURES PER MANUFACTURERS REQUIREMENTS. (TYPICAL ALL LIGHTING FIXTURES)
- E. WHERE TRUSSES ARE EXPOSED, RUN ALL ELECTRICAL CONDUITS ABOVE THE BOTTOM CHORD OF TRUSS.
- F. REFER TO ELECTRICAL SITE PLAN ES-100 FOR DRIVE THRU MENU BOARD, PREVIEW BOARD AND ORDER CONFIRMATION UNIT
- G. REFER TO SHEET LS-100 FOR EMERGENCY AND EXIT LIGHTING

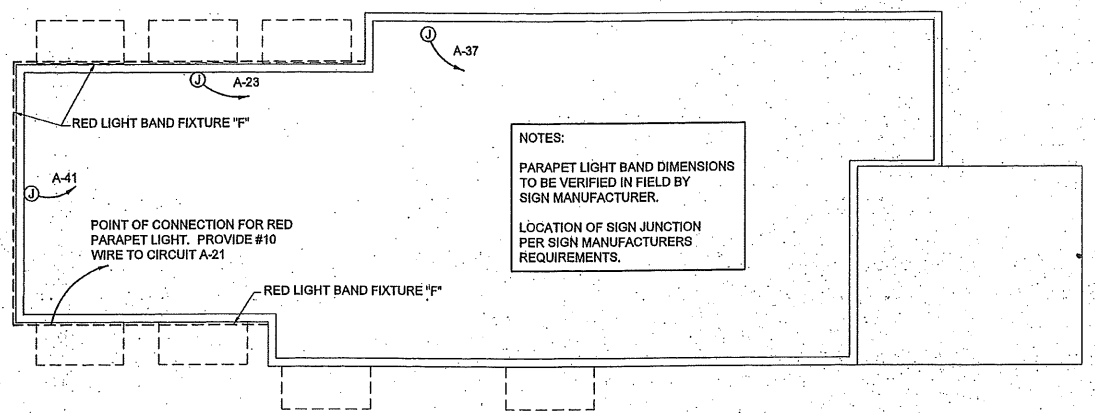
F9 LIGHTING GENERAL NOTES

- ① SWITCH BANK SEE DETAIL A7 THIS SHEET.
- ② MOUNT WALL PACK AT 10' AFF. WIRE WALL PACK THRU PHOTO CELL. PROVIDE 'PARAGON' PHOTOCELL CW 201-00 MOUNTED ON ROOF FACING NORTH. MAKE ADJUSTMENT FOR ANY AMBIENT LIGHT.
- ③ PROVIDE HARDWARE FOR INSTALLATION IN GYP. BOARD CEILING.
- ④ ALIGN ENDS OF FIXTURES WITH MENU BOARD.

D9 LIGHTING KEY NOTES

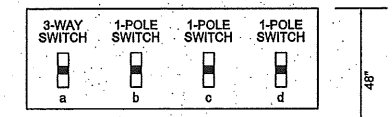
D1 LIGHTING PLAN

1/4"=1'-0"



A1 PARAPET LIGHT FIXTURE PLAN

1/8"=1'-0"



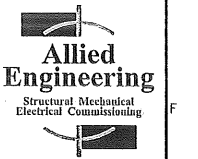
A7 SWITCH BANK DETAIL

NO SCALE

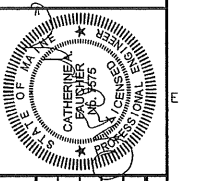
- 1. LIGHTING FIXTURES SHALL BE 120 VOLT UNLESS NOTED OTHERWISE. CONTRACTOR SHALL REVIEW SPECIAL REQUIREMENT SCHEDULE ON INDEX SHEET.
- 2. ENCLOSED FLUORESCENT LIGHTING FIXTURES SHALL BE PROVIDED WITH ELECTRONIC BALLAST AND OCTRON BULBS.
- 3. PROVIDE IN-LINE FUSE HOLDER AND FUSES IN ALL BALLASTED LIGHTING FIXTURES.
- 4. VERIFY FIXTURE QUANTITY AND MAKE PROPER ADJUSTMENTS FOR ANY CHANGES IN PLAN SHOWN DUE TO ADDITIONAL REQUIREMENTS SUCH AS SIDE VESTIBULES, LOCAL CODES, ETC.
- 5. SEE ES-100 DRAWING FOR AREA LIGHTING POLES SPECS AND DETAILS.
- 6. BALLASTS FOR FLUORESCENT FIXTURES SHALL BE TYPE 'P' WITH MINIMUM POWER FACTOR OF 90%. BALLASTS FOR SOFFIT LIGHTING SHALL BE RATED 50" FOR ZONE 'E', 0" FOR ZONES 'B', 'C', AND 'D', AND -20" FOR ZONE 'A' - ZONE 'A' LAMPS TO BE H/O.
- 7. WHENEVER APPLICABLE THE INCANDESCENT LIGHTING FIXTURES SHALL BE FURNISHED WITH ENERGY EFFICIENT INCANDESCENT LAMPS.

A9 LIGHTING FIXTURE NOTES

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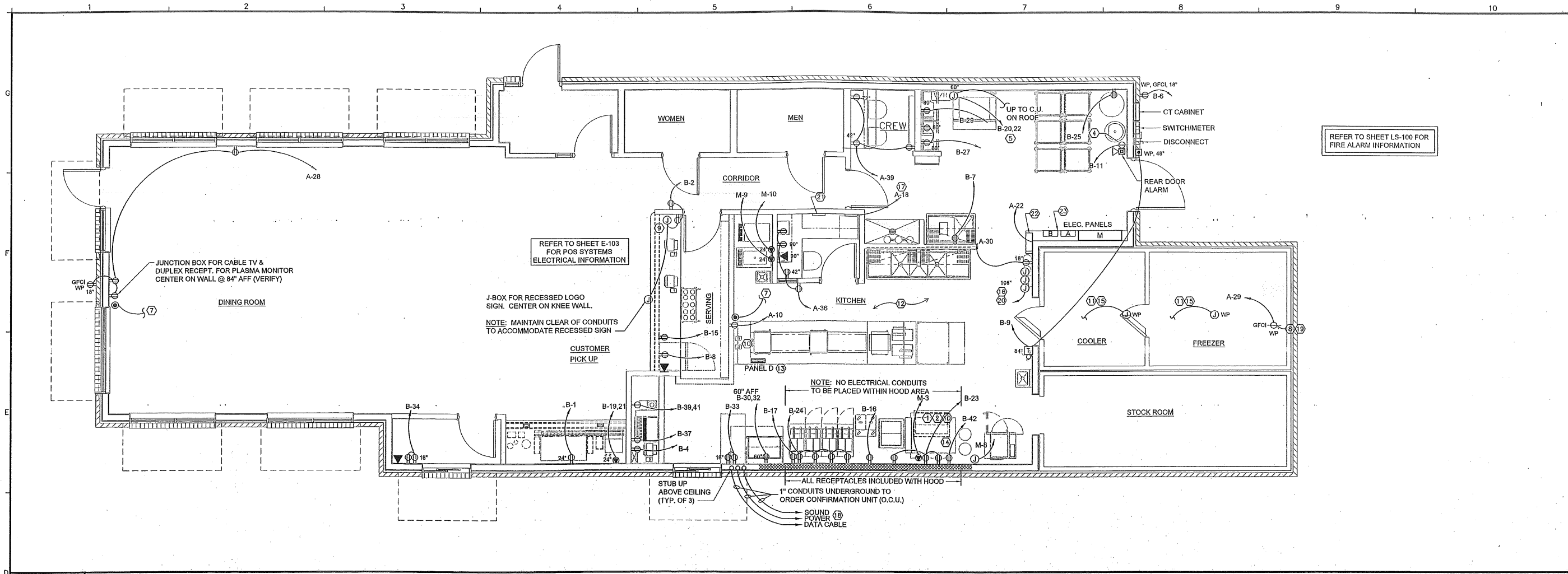


REVISIONS	NUMBER	DATE	BY	DESCRIPTION

Date: 02-20-2009
Drawn By: DLL
Checked By: SRM
Project Mgr: WPF
Project No: 08063
Cad File: 08063_E.dwg
Graphic: 0
Scale: 1"

LIGHTING PLAN AND DETAILS
BURGER KING
132 RIVERSIDE STREET
PORTLAND, MAINE

N:\Projects\2008\08063 - Burger King Foundation Penland\08063_E.dwg Feb 25, 2009 - 7:51 am



REFER TO SHEET LS-100 FOR FIRE ALARM INFORMATION

REFER TO SHEET E-103 FOR POS SYSTEMS ELECTRICAL INFORMATION

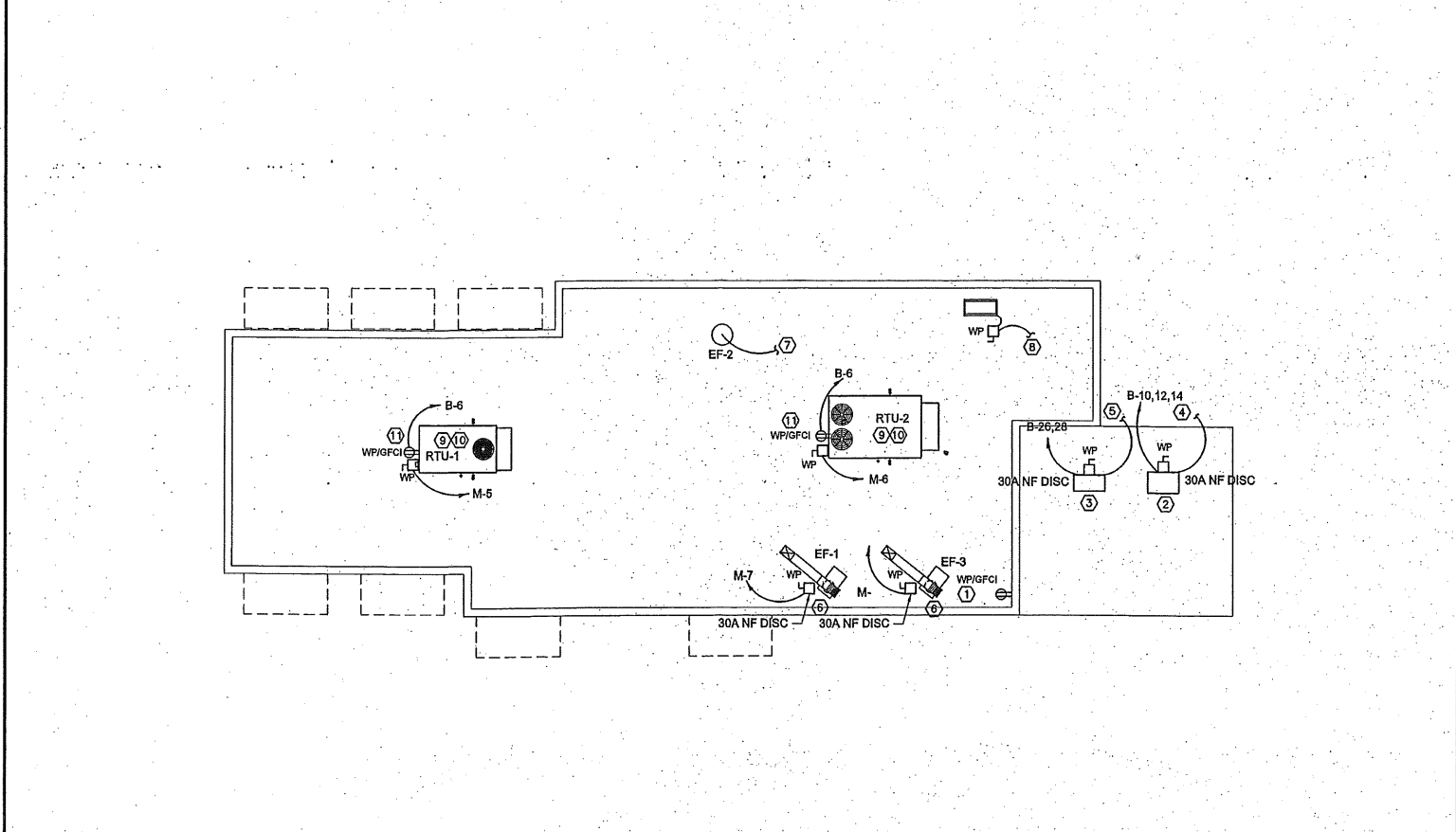
J-BOX FOR RECESSED LOGO SIGN. CENTER ON KNEE WALL.
NOTE: MAINTAIN CLEAR OF CONDUITS TO ACCOMMODATE RECESSED SIGN

NOTE: NO ELECTRICAL CONDUITS TO BE PLACED WITHIN HOOD AREA
ALL RECEPTACLES INCLUDED WITH HOOD
1" CONDUITS UNDERGROUND TO ORDER CONFIRMATION UNIT (O.C.U.)

D1 POWER AND SYSTEMS PLAN

1/4"=1'-0"

- 1 WEATHERPROOF OUTLET 30" A.F.R. FOR TV VIDEO CAMERA. RUN CONDUIT TO BLDG. INT., VERIFY SIZE AND LOCATION WITH OWNER.
- 2 REMOTE FREEZER COMPRESSOR CONDENSING UNIT.
- 3 REMOTE COOLER COMPRESSOR CONDENSING UNIT.
- 4 TO FREEZER EVAPORATOR.
- 5 TO COOLER EVAPORATOR.
- 6 STUB-UP CONDUIT ADJ. TO ROOF CURB AND PROVIDE SEAL TIGHT CONNECTION TO DISCONNECT WITH SUFFICIENT SLACK TO ALLOW REMOVAL OF FAN FOR SERVICING.
- 7 FOR CONTINUATION, SEE LIGHTING PLAN, SHEET E-100.
- 8 DOWN TO ICE MACHINE.
- 9 SEE ELECTRICAL RISER SHEET E-102 FOR ELECTRICAL REQUIREMENTS TO MECHANICAL EQUIPMENT
- 10 RUN CONTROL WIRES VIA MASTER RELAY CONTROL PANEL. SEE SHEET E-104
- 11 INTEGRAL 120V/1Ø GFCI RECEPTACLE TO BE PURCHASED WITH ROOFTOP UNIT. WIRED BY DIVISION 16.
- 12 COORDINATE EQUIPMENT INSTALLATION WITH EQUIPMENT MANUFACTURER'S INSTALLATION PERSONNEL.
- 13 PRE-WIRED BRANCH CIRCUITS DISCONNECTED FOR SHIPMENT TO BE RE-CONNECTED BY MANUFACTURER'S INSTALLATION PERSONNEL ON SITE.
- 14 PROVIDE CORD WITH PLUG AND WIRE TO STANDARD BROILER. WHEN USING NEICO 9025 OR MARSHALL 2001 "FLEX" BROILER, PROVIDE 8 GA., 5 WIRE CORD AND TWIST PLUG. BROILER CONNECTION TO BE PROVIDED ABOVE CEILING, NEXT TO HOOD.
- 15 COORDINATE CONDUIT RUN BETWEEN FREEZER/COOLER EVAPORATORS, AND ROOFTOP REFRIGERATION UNIT WITH MANUFACTURER'S FURNISHED WIRING HARNESS.
- 16 PROVIDE JUNCTION BOXES INSIDE WALL WITH STUB-UPS TO CEILING FOR AMEREX PULL SYSTEM AS REQUIRED BY EQUIPMENT SUPPLIER.
- 17 SMOKE DETECTOR ALARM PANEL, REFER TO SHEET LS-100 FOR LOCATION OF A/C UNITS WITH SMOKE DETECTORS.
- 18 NOT USED
- 19 6" BELOW CEILING FOR CONDENSATE DRAIN LINE TAPE HEATER.
- 20 TO MASTER RELAY PANEL. SEE SHEET E-104.
- 21 MANUAL CONTROL PANEL - REFERENCE SHEET E-104
- 22 CONTACTOR PANEL - REFERENCE SHEET E-104
- 23 RECESSED ELECTRICAL CONTACTOR PANEL & PANELS 'A', 'B', & 'M' IN FURRED OUT WALL ADJACENT TO EXTERIOR FRAMING. G.C. TO VERIFY PANEL SIZES PRIOR TO FURR-OUT TO INSURE ADEQUATE SPACE.



- 1 CONDUITS, WIRES AND RECEPTACLES PROVIDED IN EQUIPMENT BY EQUIPMENT MANUFACTURER AND TERMINATED AT J-BOX PROVIDED INSIDE OF EQUIPMENT.
- 2 RUN CONDUITS AND WIRE THRU EQUIPMENT CHASE AND CONNECT TO CIRCUITS PROVIDED IN J-BOX BY EQUIPMENT MANUF.
- 3 EMPTY J-BOX AND SINGLE OUTLET INSIDE FRYER HOOD BY EQUIPMENT MANUFACTURER TO BE USED FOR CONNECTION OF HEAT BLANKET AND SHORTENING FILTER LOCATED AT FRY DUMP STATION.
- 4 REAR DOOR ALARM - "MONITOR 4000" BY SECURITY PRODUCTS, INC. OR APPROVED EQUAL. MOUNT SIMPLEX RECEPTACLE FOR POWER SUPPLY 6" ABOVE CEILING.
- 5 PERMANENTLY CONNECTED KITCHEN EQUIPMENT NOT SUPPLIED WITH ON/OFF UNIT SWITCH (WHICH IS PART OF THE APPLIANCE) TO SERVE AS A DISCONNECTING MEANS. UNIT SHALL BE SUPPLIED WITH A DISCONNECT AS PER N.E.C., FURNISHED BY DIVISION 16.
- 6 PROVIDE WIRING AND CONDUITS TO RECEPTACLES FURNISHED AND MOUNTED IN WIREWAY BY EQUIPMENT MANUFACTURER.
- 7 RUN 2" CONDUIT TO MANAGERS OFFICE FOR CABLE TV.
- 8 HEAT TAPE IS PROVIDED BY WALK-IN BOX MANUFACTURER AND INSTALLED BY DIVISION 16. COORDINATE INSTALLATION AND SUPPLY 120V CIRCUIT AND RECEPTACLE AS DIRECTED BY BOX MANUFACTURER.
- 9 JUNCTION BOX FOR LIGHTED DISPLAY SIGN. HEIGHT 72" ±. VERIFY WITH MANUFACTURER.
- 10 STAINLESS STEEL SERVICE CHASE TO CEILING FURNISHED BY EQUIPMENT MANUFACTURER.
- 11 OBTAIN WIRING DIAGRAM FROM W.I.B. MANUFACTURER AND INSTALL AS DIRECTED.
- 12 COORDINATE EQUIPMENT INSTALLATION WITH EQUIPMENT MANUFACTURER'S INSTALLATION PERSONNEL.

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REVISIONS	NUMBER	DATE	BY	DESCRIPTION

POWER AND SYSTEMS PLAN AND DETAILS

BURGER KING
132 RIVERSIDE STREET
PORTLAND, MAINE

Date: 02-20-2009
Drawn By: DLL
Checked By: SRM
Project Mgr: WPF
Plot No: 08083
Cad File: 08083_E.dwg
Graphic Scale: 1"=0'

E-101

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A1	KEY NOTES, ROOF	D1	ROOF ELECTRICAL PLAN	A8	KEY NOTES
NONE		1/8"=1'-0"			

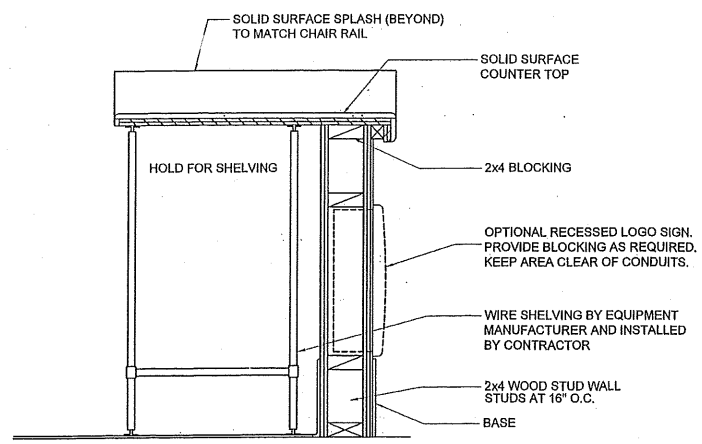


NO	DESCRIPTION
1	POS SYSTEM PLAN
2	FRONT COUNTER PLAN
3	HANGING VIDEO BRACKET
4	KITCHEN SIDE COUNTER ELEVATION
5	OFFICE DETAIL
6	FIRE CONTROL SYSTEM

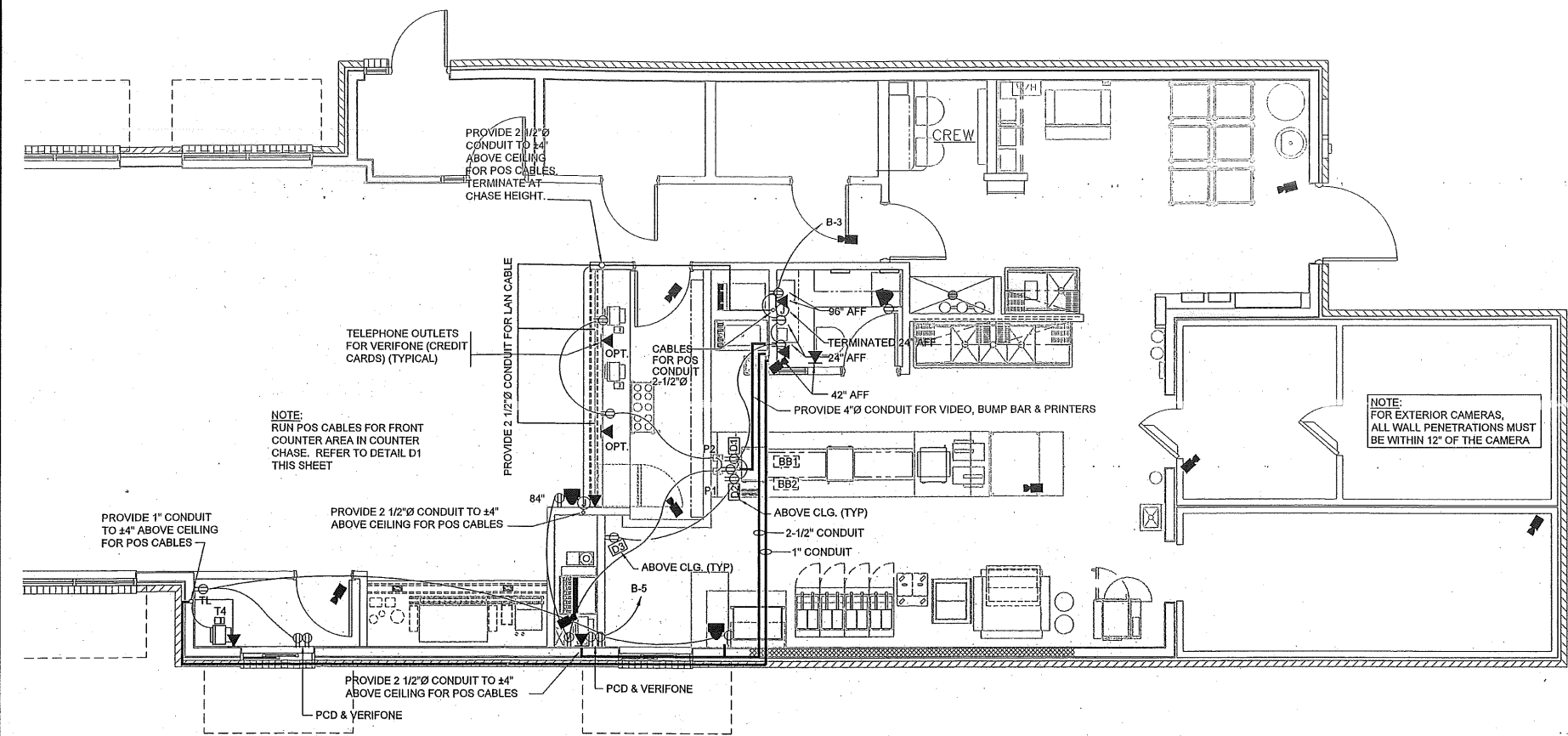
Date: 02-20-2009
Drawn By: DLL
Checked By: SSM
Project Mgr: VPF
Project No: 08063
Cad File: 08063_E.dwg
Graphic Scale: 1" = 1'-0"

POS SYSTEM PLAN AND DETAILS
BURGER KING
132 RIVERSIDE STREET
PORTLAND, MAINE

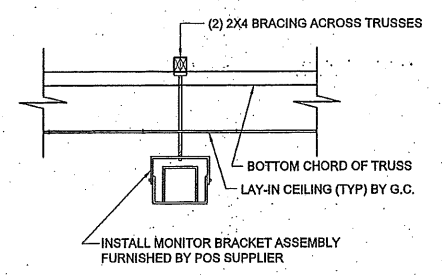
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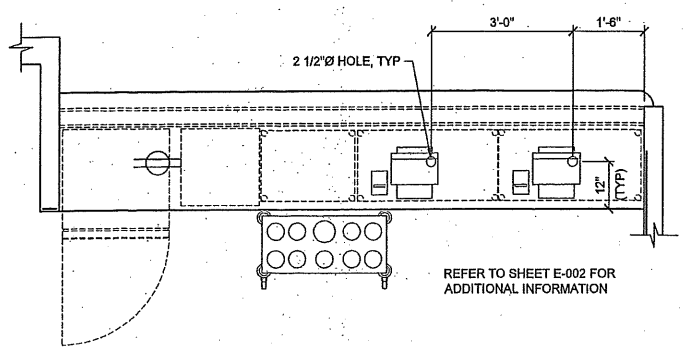
D1 SECTION AT SERVICE COUNTER
NO SCALE



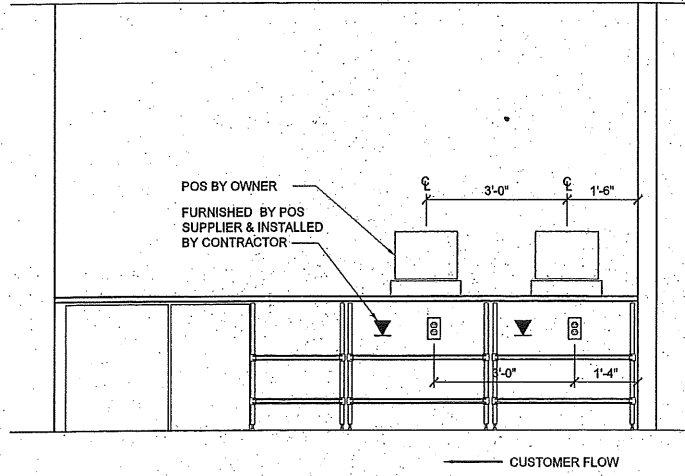
D4 GENERIC POS SYSTEM PLAN
1/4"=1'-0"



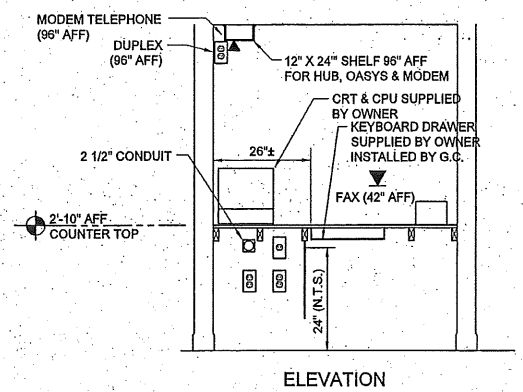
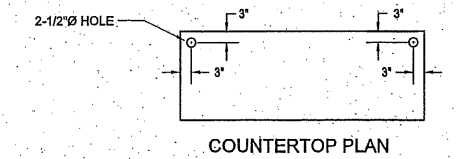
B1 HANGING VIDEO BRACKET
NO SCALE



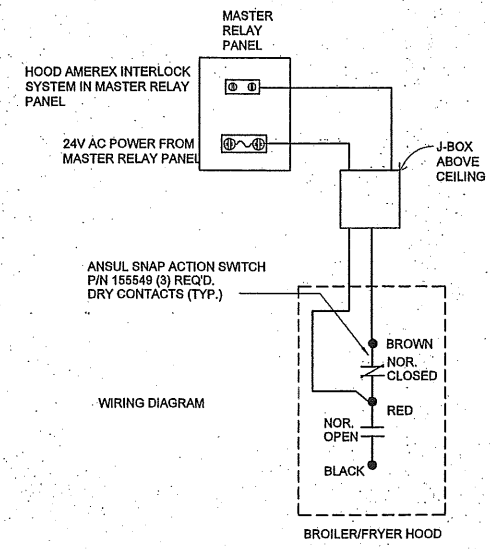
A1 FRONT COUNTER PLAN
NO SCALE



A4 KITCHEN SIDE COUNTER ELEVATION
NO SCALE

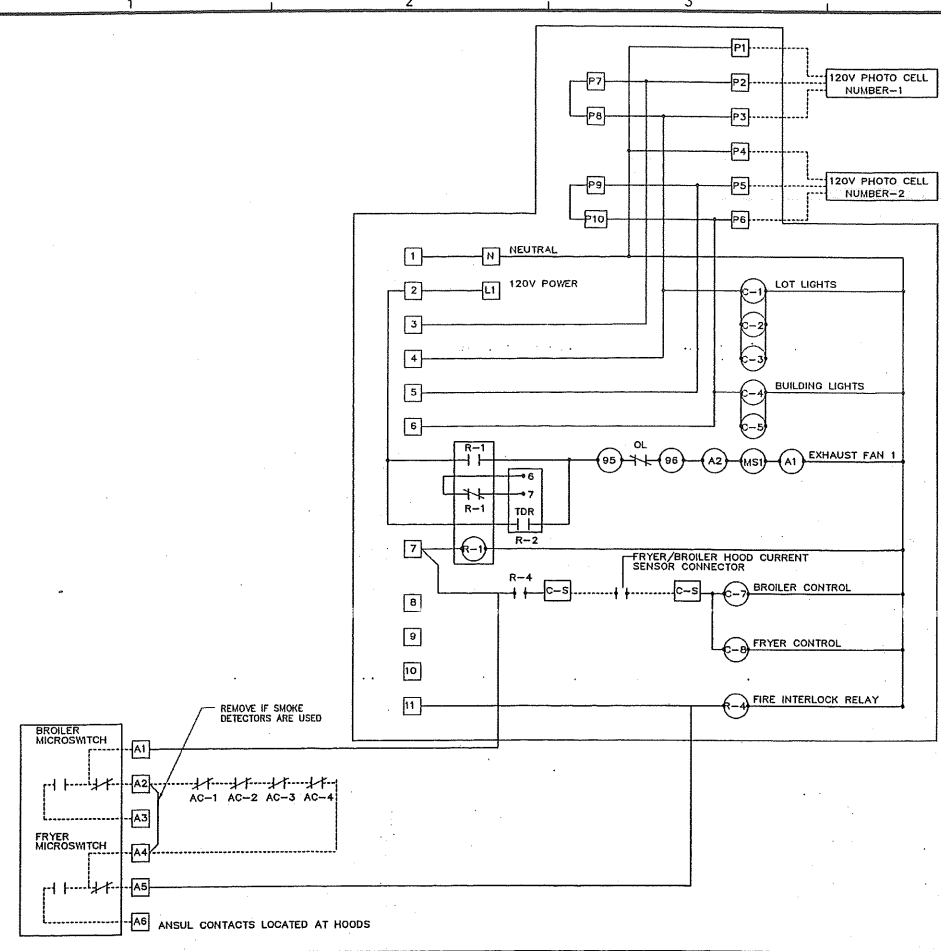


A7 OFFICE DETAIL
NO SCALE

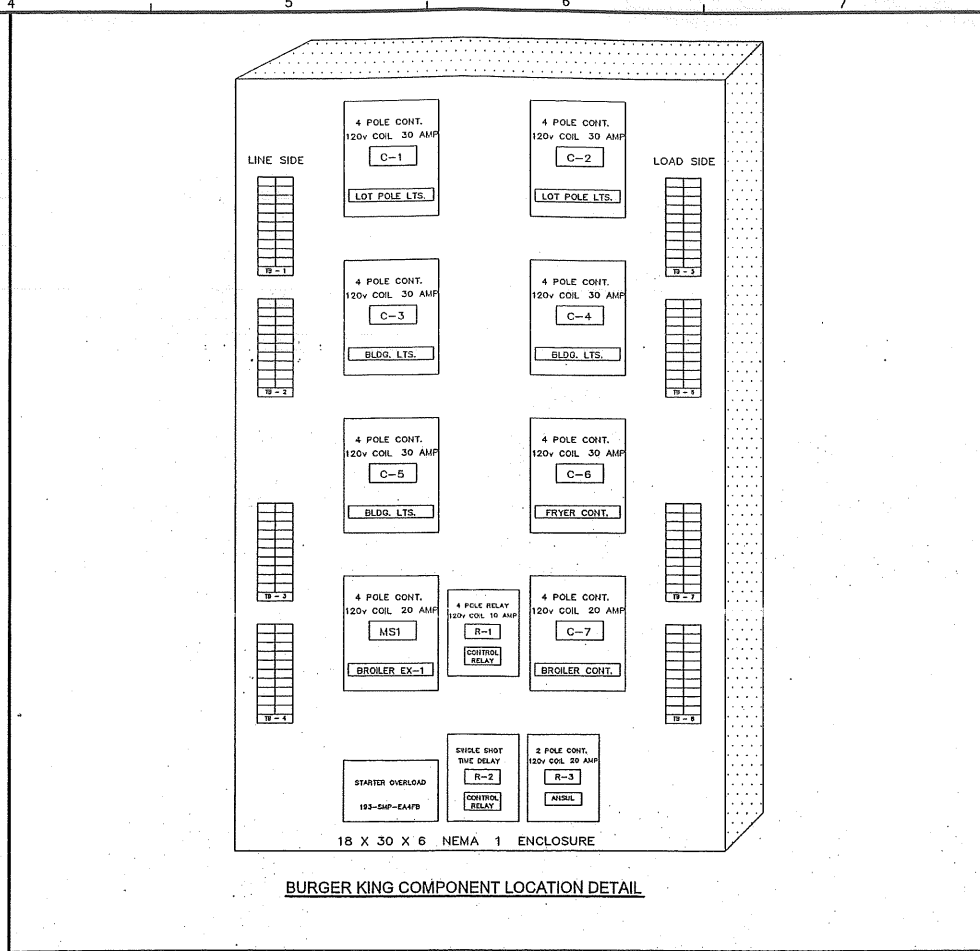


A9 FIRE CONTROL SYSTEM
NO SCALE
AMEREX AUTOMATIC

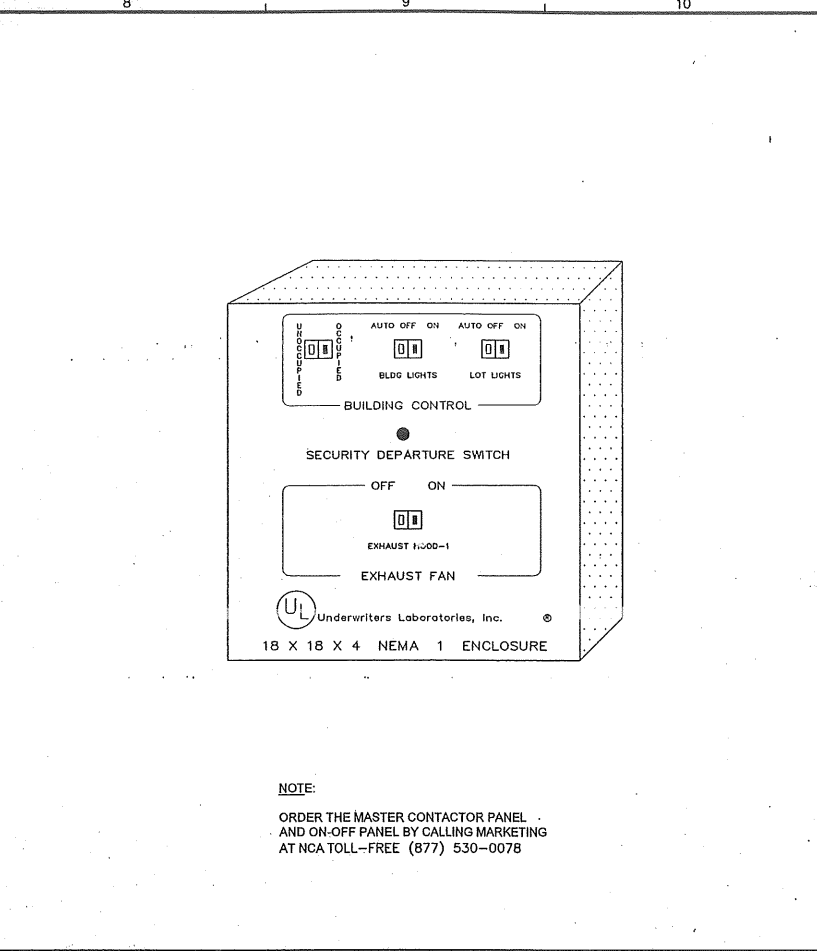
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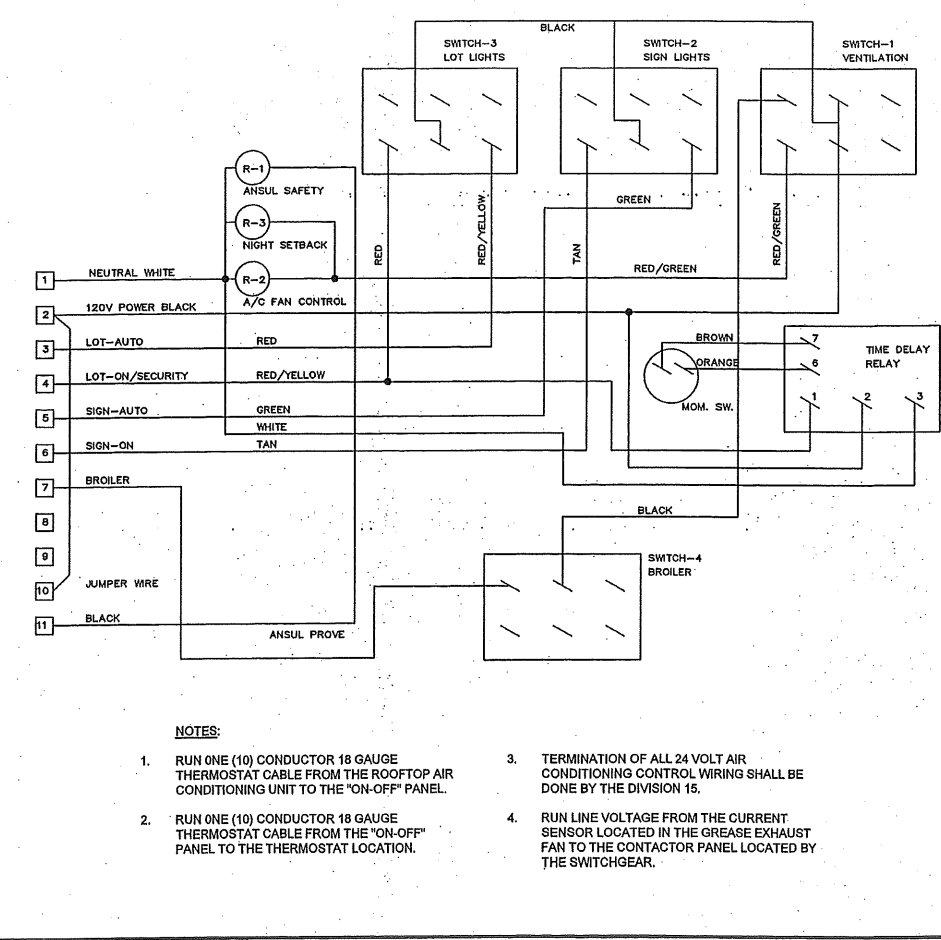
D1 MASTER RELAY PANEL
NO SCALE



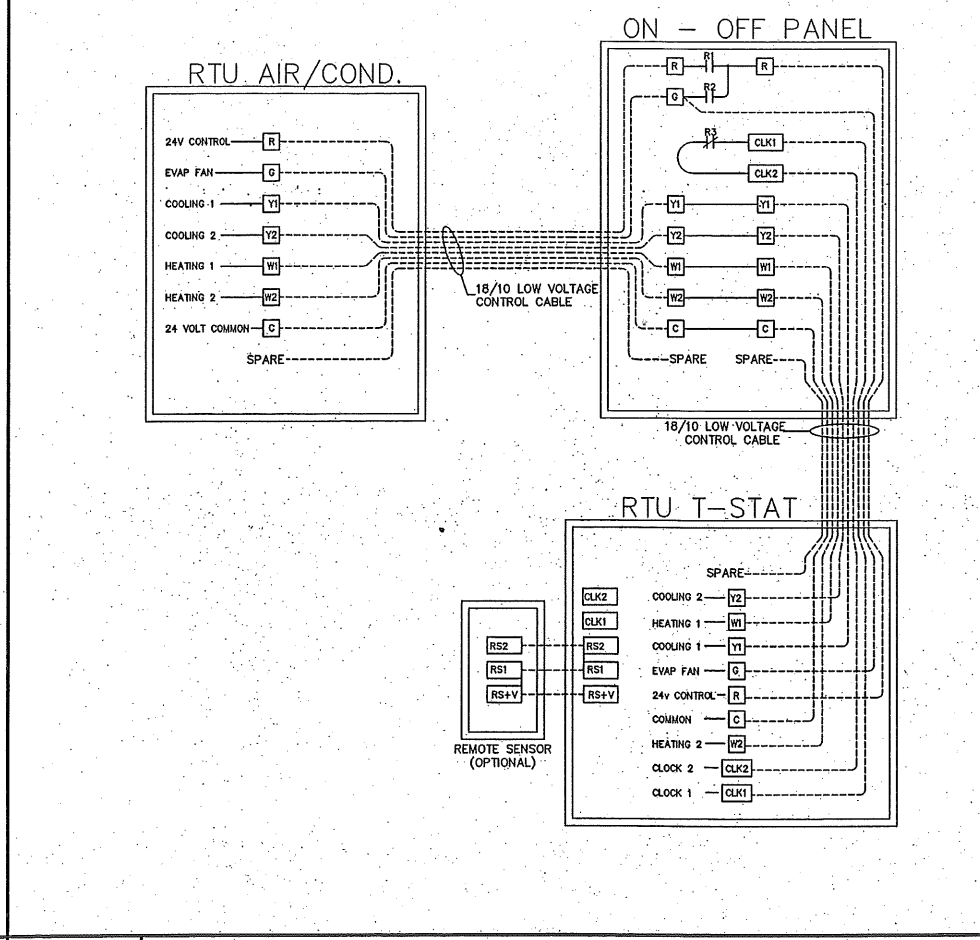
D1 LIGHTING AND CONTACTOR PANEL
NO SCALE



E8 BURGER KING MANUAL CONTROL PANEL
NO SCALE



A1 ON-OFF CONTROL PANEL
NO SCALE



A1 LOW VOLTAGE THERMOSTAT CONTROL WIRING
NO SCALE

MANUAL CONTROL SYSTEM
 THE A/C UNITS ON-OFF SWITCH IS USED TO: TURN THE STORE ON IN THE MORNING AND OFF IN THE EVENING.
 WHEN A/C UNIT ON-OFF SWITCH IS TURNED TO THE ON POSITION: THE AIR CONDITIONING SYSTEM WILL GO FROM NIGHT MODE TO SYSTEM ON.
 THE AIR CONDITIONING FANS WILL START AND RUN CONTINUOUSLY.
 THE OUTDOOR DAMPERS WILL OPEN TO A PRESET POSITION.
 DAMPERS WILL NOT OPEN DURING NIGHT SET BACK MODE. THE AIR CONDITIONERS WILL BEGIN TO COOL OR HEAT AT THE OCCUPIED TEMPERATURE SETPOINT.
 WHEN A/C ON-OFF SWITCH IS TURNED TO THE OFF POSITION: EXHAUST FANS, SUPPLY FANS, AND EVAPORATOR BLOWERS WILL SHUT DOWN.
 THE COOKING EQUIPMENT AND EXHAUST FANS CAN NOW BE TURNED ON WHEN NEEDED.
 THE HEATING AND COOLING OPERATION SHALL REVERT TO SYSTEM NIGHT SET BACK MODE.
 THE COOKING EQUIPMENT SHALL BE DISABLED.
 THE SIGNAGE LIGHTING & LOT LIGHTING SHALL BE DISABLED IF SWITCHES ARE IN THE OFF POSITION.
 THE PARKING LOT POLE LIGHTS & SECURITY LIGHTS SHALL REMAIN ON FOR 15 MIN AFTER THE SECURITY DEPARTURE SWITCH IS ACTIVATED.
 WHEN THE HOOD EXHAUST FAN CURRENT SENSOR DETECTS A DROP IN AMPERAGE IT WILL DISABLE THE LINE VOLTAGE TO THE FRYER AND BROILER APPLIANCES.

EXTERIOR LIGHTING CONTROL
 ALL OF THE EXTERIOR LIGHTING SHALL BE CONTROLLED, WITH THE EXCEPTION OF THE SECURITY LIGHTS WHICH SHALL BE OPERATED BY ITS OWN PHOTOCELL. SECURITY LIGHTING IS REQUIRED.
 THE SIGNAGE SELECTOR SWITCH (3-POS.) CONTROLS THE PRIME SIGN, ALL MARQUEE SIGNS, AND BUILDING ACCENT LIGHTING.
 ON POSITION: LIGHTING SHALL BE ON PERMANENTLY.
 OFF POSITION: LIGHTING SHALL BE OFF PERMANENTLY.
 AUTO POSITION: LIGHTING SHALL BE CONTROLLED BY THE PHOTO CELL SELECTOR SWITCH PRIMARILY.
 THE LOT LIGHTING SELECTOR SWITCH (3-POS.) CONTROLS PARKING LOT POLE LIGHTS.
 THE THREE POSITION SWITCH WORKS THE SAME AS THE SIGNAGE SWITCH.
 NOTE: ON-OFF / MASTER RELAY PANEL SHALL BE COMPLETE WHEN SHIPPED TO THE JOB SITE. NO INTERNAL WIRING SHALL BE REQUIRED. MAKE ALL EXTERNAL WIRING CONNECTIONS AS REQUIRED.

HOOD VENTILATION SYSTEM
 IF THE HOOD VENTILATION SWITCH IS IN THE OPEN POSITION, THE HOOD VENTILATION SYSTEM CAN BE STARTED.
 THE BROILER SYSTEM AND THE FRYER SYSTEM SHALL BE STARTED BY MOVING THE ON/OFF SWITCH TO THE ON POSITION. IF EITHER THE BROILER OR FRYER SWITCH IS IN THE ON POSITION, THE MAKE-UP AIR UNIT (IF APPLICABLE) SHALL START AUTOMATICALLY.
 ACTIVATION OF THE HOOD FIRE SUPPRESSION SYSTEM SHALL DE-ENERGIZE THE MAKE UP AIR UNIT, ALL A/C UNITS, AND THE CONTROLLED COOKING EQUIPMENT. THE BROILER AND THE FRYER EXHAUST SYSTEM SHALL CONTINUE TO OPERATE. THE FIRE SUPPRESSION SYSTEM SHALL BE MANUALLY RESET.

A8 BURGER KING SEQUENCE OF OPERATION
NO SCALE

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 Project Mgr: WFF
 Project No: 08063
 Cad File: 08063_E.dwg
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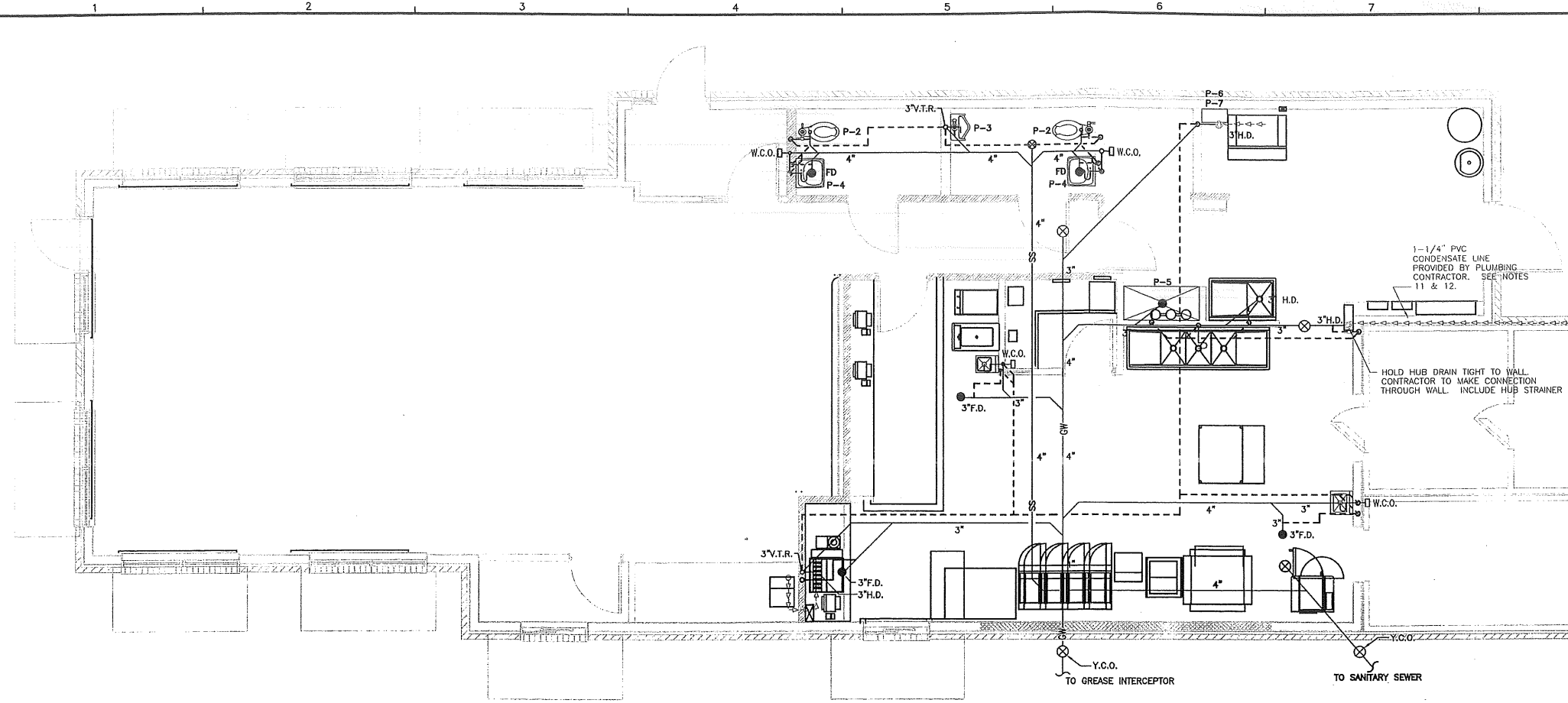
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REVISIONS

NO.	DATE	BY	DESCRIPTION

INTERLOCK PANEL DETAILS
 BURGER KING
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 PORTLAND, MAINE
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E-104



PLUMBING FIXTURE SCHEDULE					
MARK	FIXTURE	MANUFACTURER	MODEL NUMBER	MODEL NAME	VALVE
P-1	WATER CLOSET	AMERICAN STANDARD	2234.015	MADERA	SLOAN ROYAL #110
		KOHLER	111-1527	NEWARK	
		KOHLER	4335	WELLCOME	
P-2	WATER CLOSET - ADA	AMERICAN STANDARD	2205.100	MADERA	SLOAN ROYAL #110
		KOHLER	111-2875	SHERWIN	
P-3	URINAL - ADA	AMERICAN STANDARD	6501.010	WASHBROOK	SLOAN ROYAL #180
		ELJER	101-1030	CORRECTO	
		KOHLER	K-4850-ET	BARDON	
P-4	LAVATORIES	ZURN	Z5314	-	CHICAGO #797-317CP
		ELJER	051-2244	MAYBURNIE	
		KOHLER	K-2024	SOHO	
P-5	MOP SINK	CAST IN PLACE	-	-	CHICAGO #897-CP OR AMERICAN STANDARD #8344.111 OR KOHLER #8907
P-6	WATER HEATER	RHEEM	GT-19DVN-1	-	-
P-7	TEMPERING VALVE	WATTS	N170L-M2	-	-

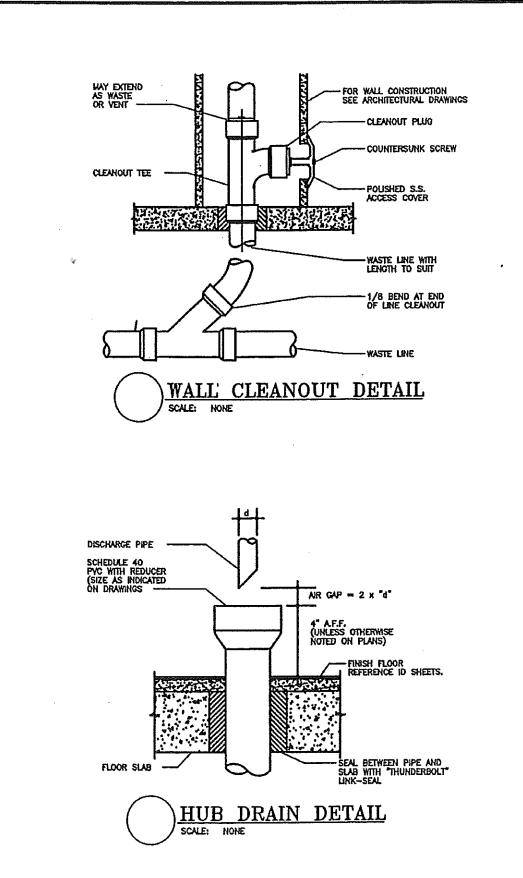
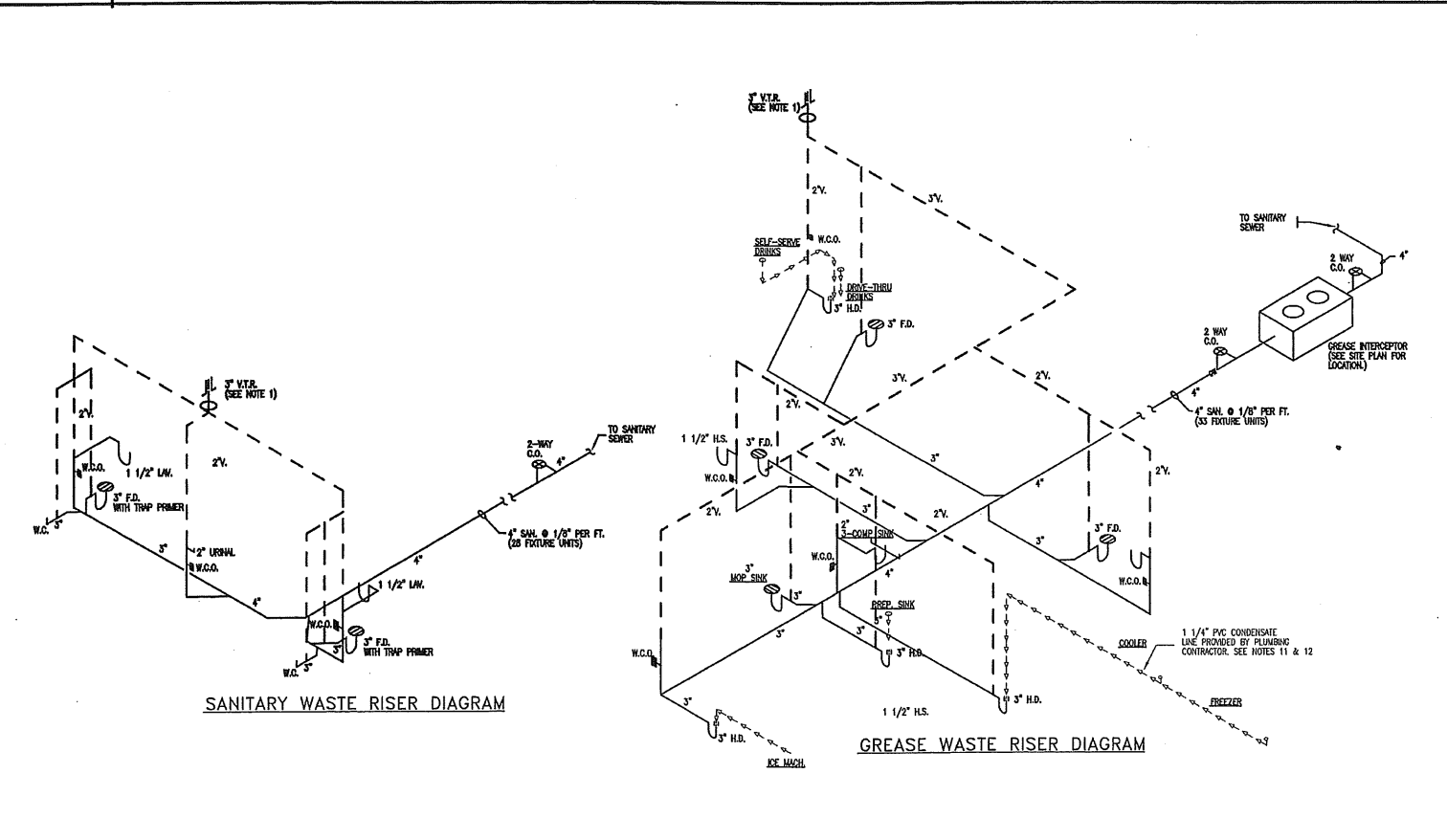
LEGEND
LEGEND MAY CONTAIN ITEMS NOT USED IN THIS BUILDING. CONTRACTOR TO VERIFY.

- GW - GREASE WASTE LINE
- SS - SANITARY WASTE LINE
- RAW - RAIN WATER LINE
- SFP - SAFEWASTE PIPING
- F.C.D. - FLOOR CLEANOUT
- F.D. - FLOOR DRAIN
- F.S. - FLOOR SINK
- HUB OR FUNNEL DRAIN
- V.T.R. - VENT THRU-ROOF
- F.T. - FUTURE TRAP
- W.C.O. - WALL CLEAN OUT
- V.P. - VENT PIPING

NOTES:
1. COMPARABLE FIXTURES BY AMERICAN STANDARD, ELJER AND KOHLER ARE ACCEPTABLE.
2. TOILET SEATS TO BE CHICAGO BROOKS, KOHLER 14-431-C, OLSONITE #100 OR EQUAL.
3. IN SINGLE USE RESTROOMS ALL FIXTURES MUST BE ADA COMPLIANT, PROVIDE ADA ISSUATED KITS.

D1 SANITARY PLUMBING PLAN 1/4" = 1'-0"

D8 PLUMBING ~ SCHEDULE & LEGEND NONE



NOTES:

- PLUMBING CONTRACTOR TO COORDINATE VENT STACKS WITH OUTSIDE AIR INTAKES OF 4" UNITS AND SUPPLY TUBES & MANIFOLD AT LEAST 18" MIN. CLEARANCE OR 6" FOR LOCAL CODE REQUIREMENTS. PLUMBING CONTRACTOR TO VERIFY.
- INCREASE V.T.R.'S TO SIZE REQUIRED BY LOCAL CODES AND CONDITIONS AS REQUIRED FOR PROPER ENCLOSURE. FLAT VENTS ARE NOT ALLOWED.
- PROVIDE 2" ADA WASTE LINE FROM SOAK FACTORY TO FLOOR DRAIN.
- RAIN DRAIN LINES FROM SOAK FACTORY TO BREAK DEPOSITS ABOVE CEILING.
- CAST IRON PIPE MAY BE USED UNDER SLAB IN LIEU OF PVC ONLY IF REQUIRED BY CODE.
- PROVIDE CONDENSATE LINES FROM 4" UNITS ABOVE CEILING ACCORDING TO LOCAL CODE REQUIREMENTS.
- RESEAL FLOOR DRAINS ACCORDING TO LOCAL REQUIREMENTS.
- SAFEWASTE PIPING ABOVE AND ALONG FLOOR SHALL BE SIZED IN ACCORDANCE WITH LOCAL CODE REQUIREMENTS.
- COORDINATE SAFEWASTE LINE CONNECTIONS WITH EQUIPMENT ROUGH-IN.
- P.V.C. (SCHEDULE 40) P.V.C. CAN BE USED FOR VENTS AND WASTE ONLY IF APPROVED BY LOCAL BUILDING CODES. SEE SPEC. FOR ADD'L. INFO.
- SEE FOUNDATION PLAN FOR EXACT LOCATION OF FLOOR DRAINS AND FLOOR SINKS.
- PLUMBING CONTRACTOR SHALL FINISH AND INSTALL 1 1/4" CONDENSATE LINE AND SEAL AROUND ALL PENETRATIONS THROUGH THE WALL-IN-SOC.
- VENT LINE IS PROVIDED BY MANUFACTURER AND SHALL BE SELF-LIMITING TYPE, THROTTLE OR EQUAL.

B8 PLUMBING ~ NOTES NONE

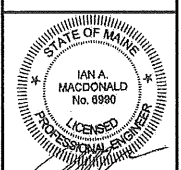
A1 SANITARY RISER DIAGRAM NONE

A6 DETAILS ~ PLUMBING NONE

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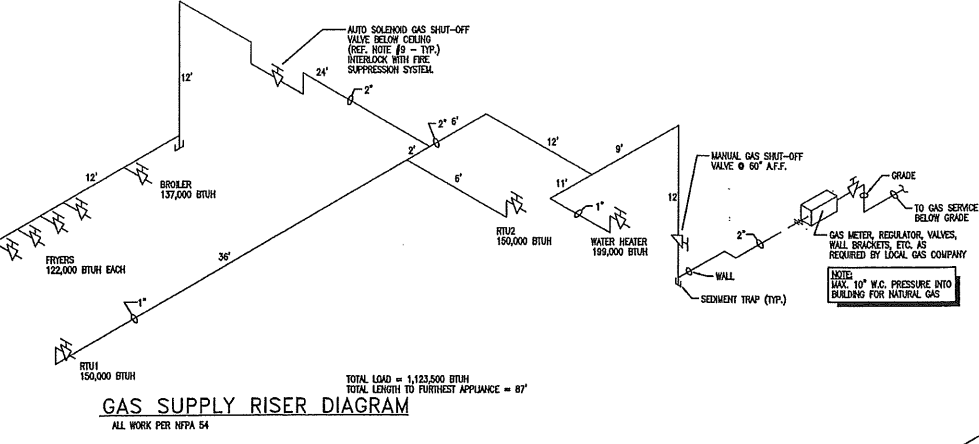
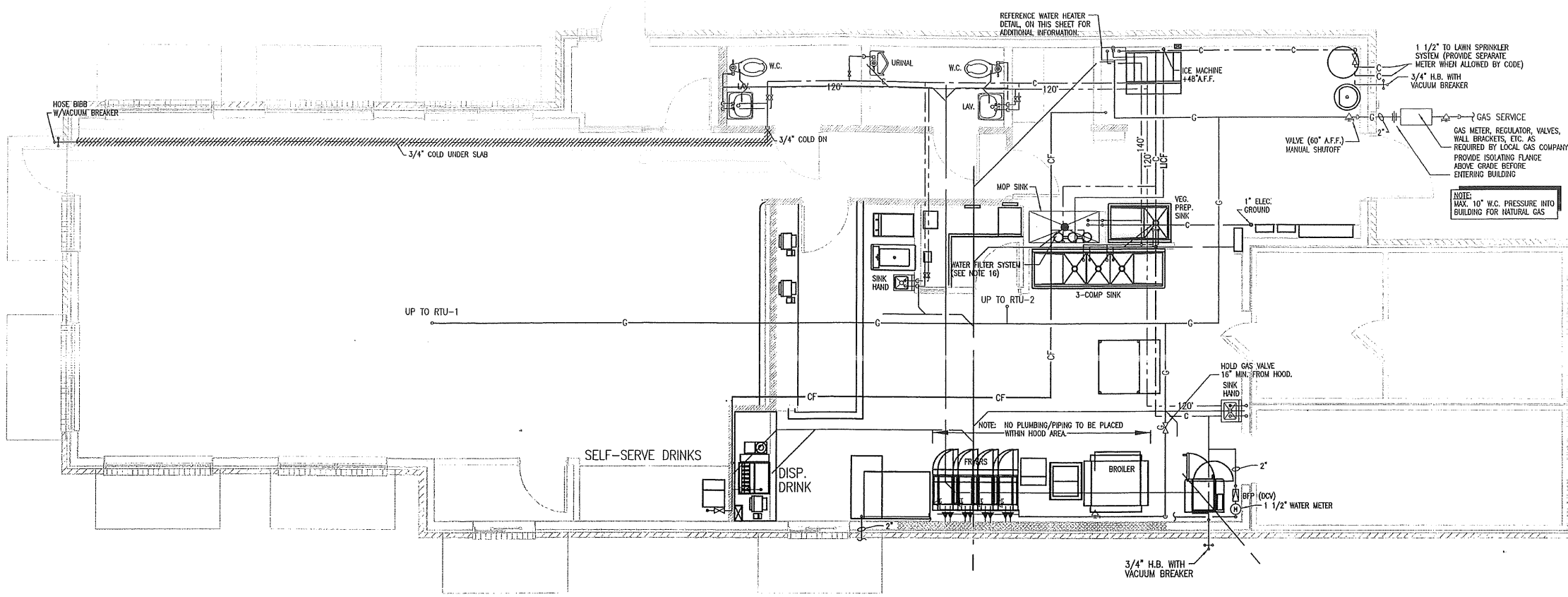


DATE	DESCRIPTION
01-19-2009	PLUMBING PLAN, SCHEDULES, LEGEND, DETAILS AND NOTES
Drawn By: SCL	
Checked By: IAM	
Project Mgr: WFF	
Project No: 08063	
Code File: 08063P.dwg	
Graphic: 0	
Scale:	

BURGER KING
132 RIVERSIDE STREET
PORTLAND, MAINE

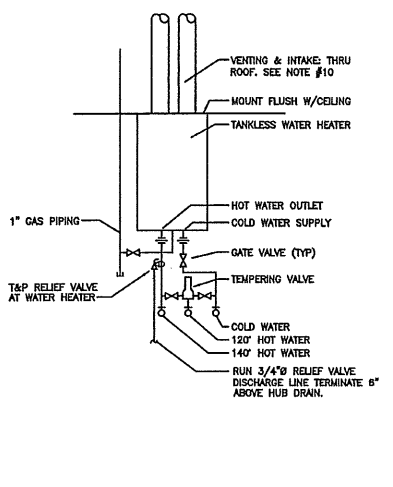
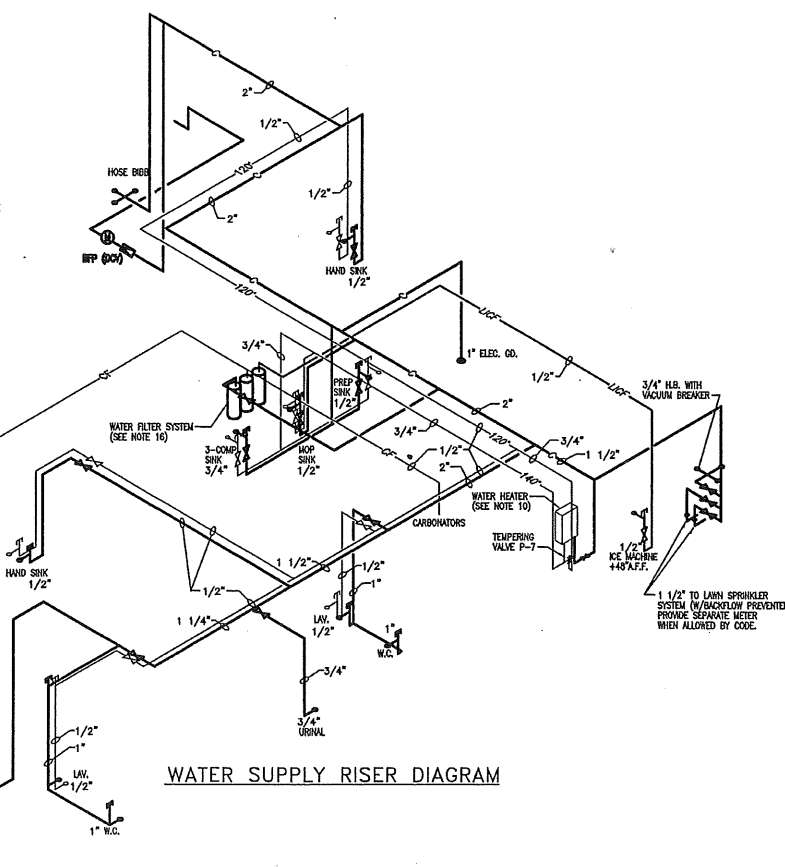
PL-100

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LEGEND

—	LICF	LINE INHIBITED COLD WATER FILTER SYSTEM
—	C	COLD WATER
—	CF	COLD WATER FILTER SYSTEM
—	120°	HOT WATER (120°)
—	140°	HOT WATER (140°)
----		UNDERGROUND PIPING
—		GAS PIPING
○		GATE VALVE
○		GAS SHUT-OFF VALVE
○		CHECK VALVE
○		HOSE BIBB W/ VACUUM BREAKER
○		MECHANICAL GAS SHUT-OFF VALVE
●		GLOBE VALVE



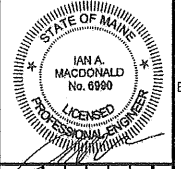
- NOTES:**
- DO NOT SCALE DRAWINGS
 - GENERAL CONTRACTOR AND PLUMBING CONTRACTOR SHALL VERIFY GAS REQUIREMENTS OF THIS PROJECT BEFORE BIDDING AND PROCEEDING WITH WORK. SEE SHEET 14-1 FOR GAS REQUIREMENTS OF A/C UNITS.
 - ALL HOT & COLD WATER PIPING LOCATED ABOVE CEILING AREAS BUT BELOW ROOF INSULATION SHALL BE INSULATED WITH 3/4" FIBERGLASS LOW PRESSURE TYPE WITH DUAL TEMPERATURE JACKET. ALL WATER PIPING SHALL BE WITH IN THE HEATED BUILDING ENVELOPE. ALL UNDERGROUND PIPES LOCATED INSIDE BUILDING TO BE ENCASED IN FLEXIBLE POLYETHYLENE.
 - LOCATE C.W. PIPES IN FURRED OUT SPACES AT TOILET RMS.
 - PROVIDE FROST PROOF HOSE BIBBS.
 - PROVIDE SEPARATE SHUT-OFF VALVES FOR ALL EQUIPMENT REQUIRING WATER CONNECTIONS. SEE EQUIP. SCHEDULE & SERVICE LOCATIONS IN SHT. EQ-1.
 - PROVIDE COUPLINGS TO ALL EQUIPMENT AS REQUIRED.
 - PROVIDE 1/4" DIAMETER AIR LINE ABLE TO WITHSTAND 50# PRESSURE TO RUN OVERHEAD FROM SODA FACTORY DOWN TO TAYLOR 5454 SHAKE MACHINE. (WHERE APPLICABLE.)
 - PLUMBING CONTRACTOR TO INSTALL U.L. LISTED MECHANICAL GAS SHUT-OFF VALVES FOR FIRE PROTECTION SYSTEM. VALVES SHALL BE OBTAINED FROM THE FIRE PROTECTION SYSTEM SUPPLIER.
 - PROVIDE VERTICAL VENTING, INTAKE PIPING, FLASHING, FROM COLLAR, CONDENSATE TRAPS & DRAINS, CONCENTRIC TERMINATION, AND OTHER FITTINGS PER MFR'S REQUIREMENTS. TERMINATE 3'-0" MIN. ABOVE FINISHED ROOF. VENT COMPONENTS SHALL BE UL1738 SS AL29-4C.
 - PROVIDE BACKFLOW PREVENTOR ON WATER LINES WHERE REQUIRED BY LOCAL CODES.
 - PROVIDE WOOD BLOCKING AS REQ'D. FOR FIXTURES AND PIPING. (SEE SHT. A-1.)
 - CONTRACTOR TO PROVIDE 3/4" HOT AND COLD WATER LINES AT TRASH ENCLOSURE W/ MIXING VALVE AT CAN WASH INSIDE OF BUILDING.
 - FILTERED WATER AT THE VEGETABLE PREP SINK IS OPTIONAL. UNFILTERED COLD WATER MAY BE USED IN ITS PLACE.
 - APPROVED WATER FILTER SYSTEMS: EVERPURE MODEL #FS20312 OR SELECTO SCIENTIFIC MODEL #MF202C. SEE SHEET A-3, ELEVATION C.

A1	PLUMBING ~ RISER DIAGRAM	A7	DETAIL ~ WATER HEATER	A9	PLUMBING ~ NOTES
NONE		NONE		NONE	

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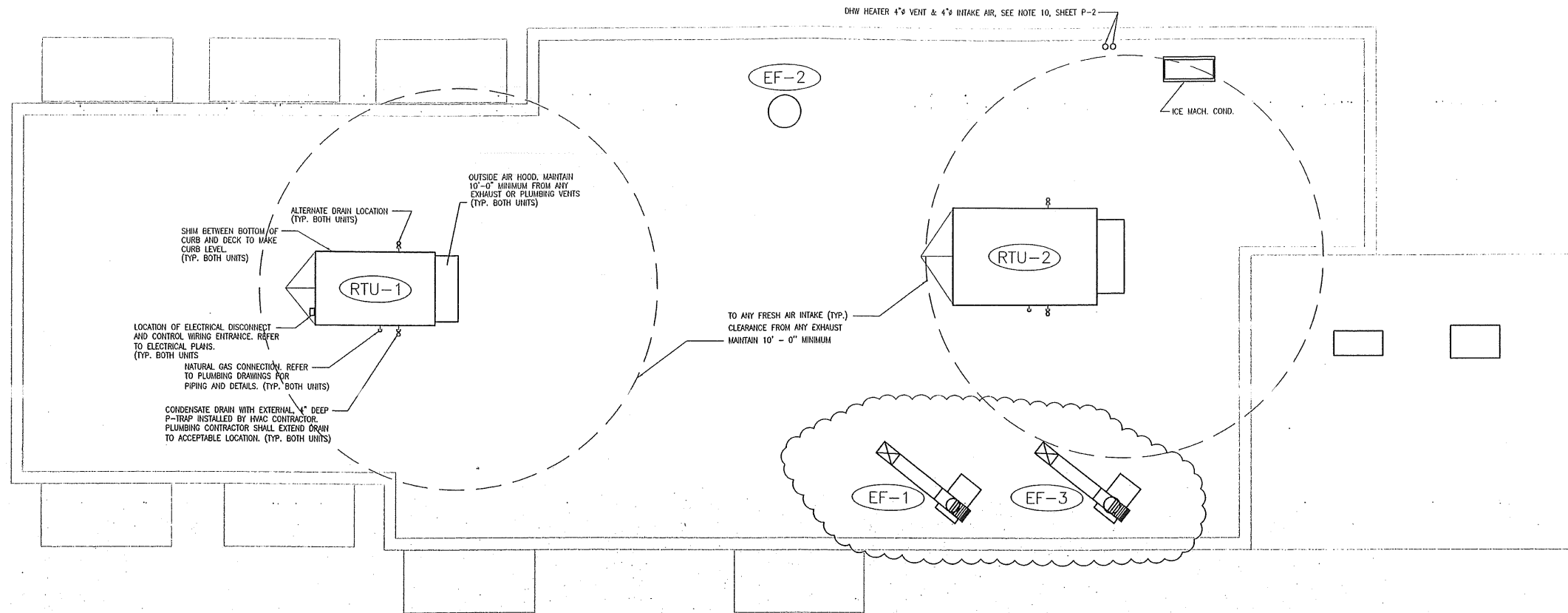
REVISIONS

NUMBER	DATE	BY	DESCRIPTION
1			

PLUMBING PLAN, LEGEND, DETAILS AND NOTES

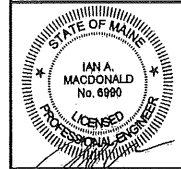
BURGER KING
132 RIVERSIDE STREET
PORTLAND, MAINE

PL-101



D1 MECHANICAL ROOF PLAN

1/4" = 1'-0"

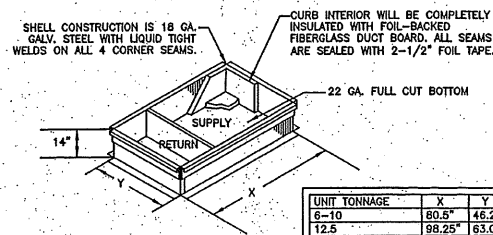


HKTA / architects
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Structural Mechanical
Electrical Commissioning

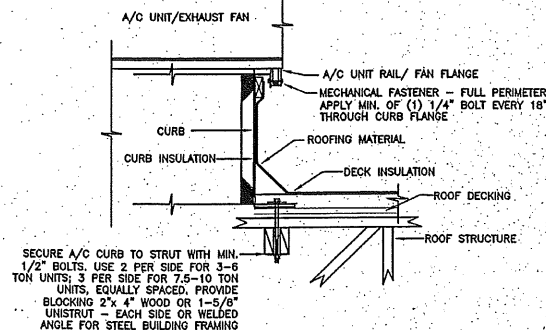
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REVISIONS	DATE	BY	DESCRIPTION
1	1/29/09	SCL	ADDED EXHAUST HOOD AND EXHAUST FAN



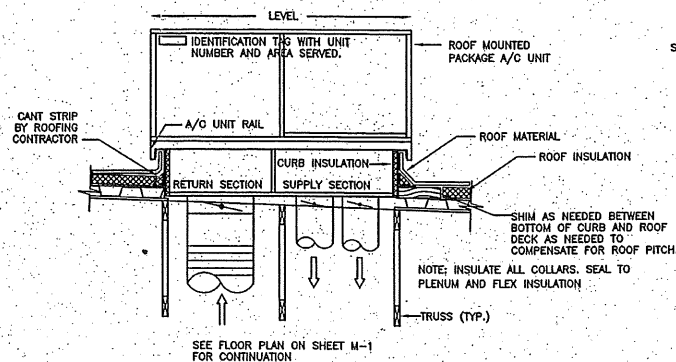
PLENUMIZED CURB DETAIL

NOT TO SCALE



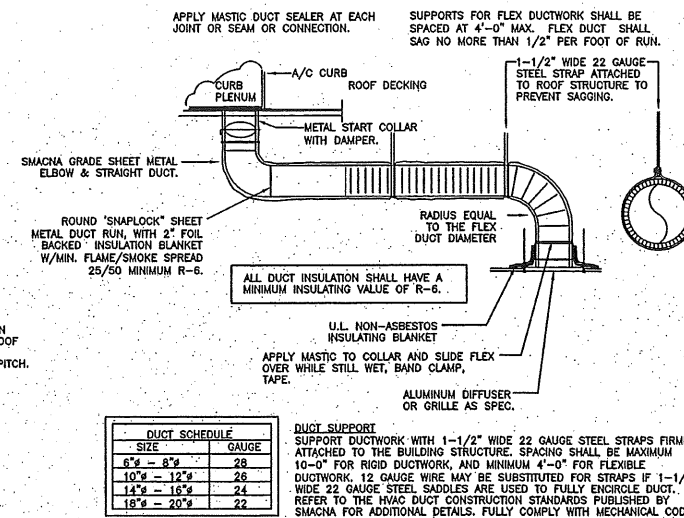
ROOF EQUIP. CURB MOUNTING DETAIL

NOT TO SCALE



DUCT RISER/LEVELING DETAIL

NOT TO SCALE



RIGID/FLEXDUCT CONNECTION/INSTALL DETAIL

NOT TO SCALE

A1 MECHANICAL ~ DETAILS

NONE

MECHANICAL ROOF PLAN AND DETAILS

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PORTLAND, MAINE

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M:\Projects\2008\08063 Burger King Foundation Portland\08 Drawing Files\08063M.dwg Jan 29, 2009 3:30pm