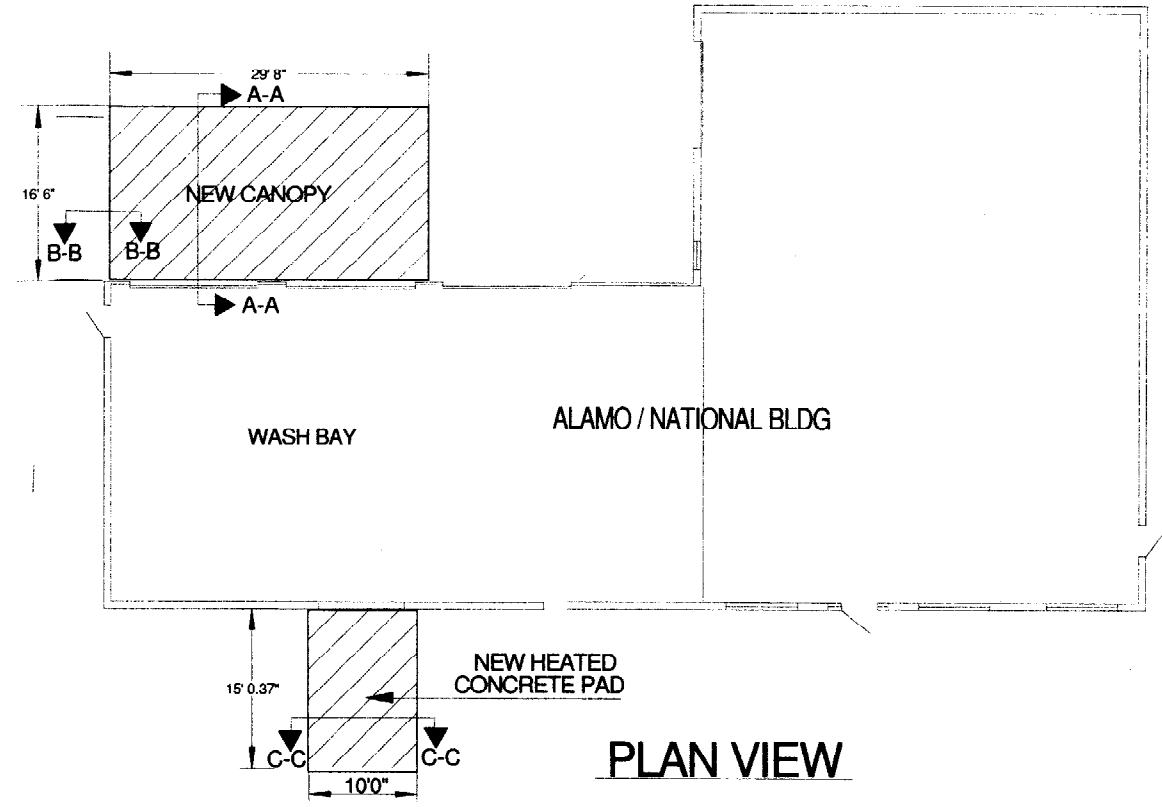
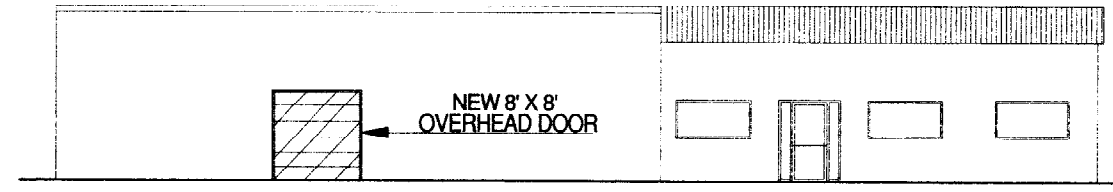


New Door and Heated Pad

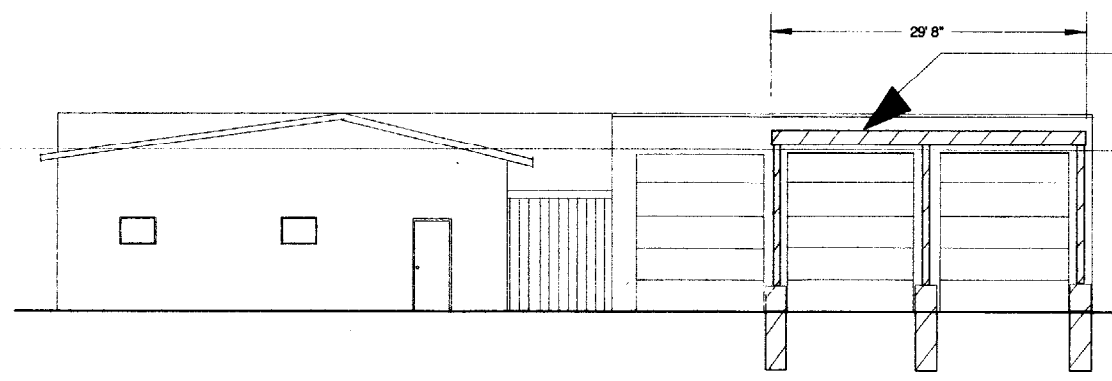
SITE PLAN



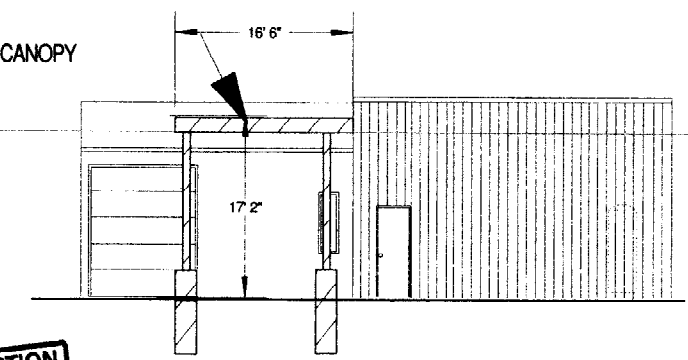
PLAN VIEW



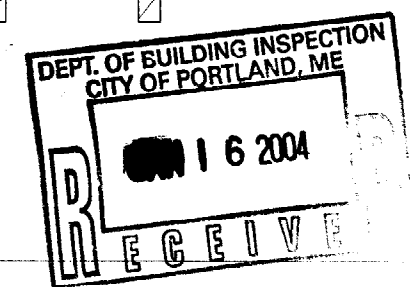
EAST ELEVATION



WEST ELEVATION



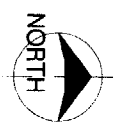
SOUTH ELEVATION



ELEVATIONS & SITE PLAN

SHEET **SA1**

REVISED CANOPY SIZE - 11/28/03
Scale: 1/8" = 1' Date: November, 2003



FACILITIES SERVICES
P.O. Box 6173
Fairmouth, Maine 04105

ALAMO / NATIONAL CAR RENTAL
PORTLAND INTERNATIONAL JETPORT
1001 Westbrook Street
Portland, Maine

SITE PLAN & BUILDING ELEVATIONS

Facility Solutions Inc.
Raymond, Maine

204 A001

967 Westbrook

04 0045

Jan 14, 04

Richard M. Poulin
Engineering, P.A.
Consulting Engineers
9 Washburn Road • Gorham, Maine 04038 • Telephone 907-836-5903

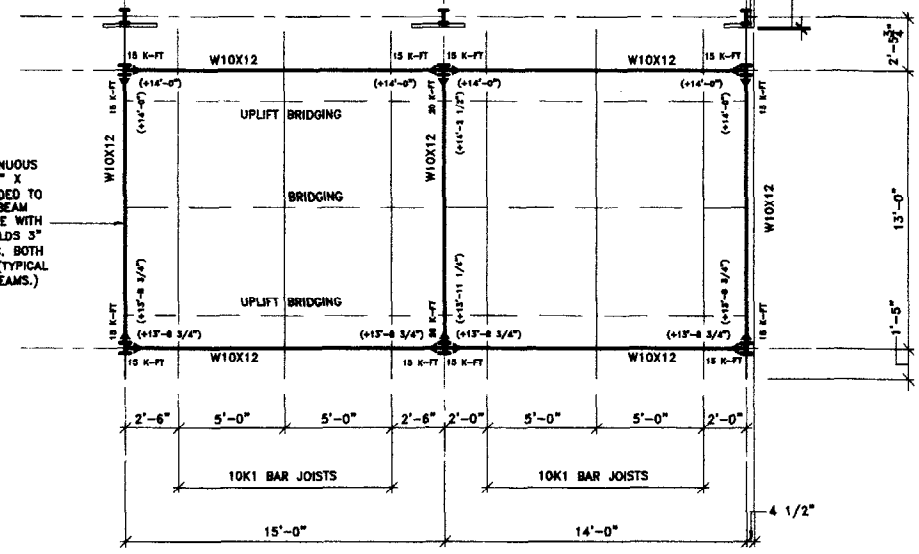
REVISIONS

BUILDING RENOVATIONS
ALAMO / NATIONAL CAR RENTAL
PORTLAND/JETPORT - PORTLAND, ME
CANOPY FRAMING PLAN / NEW OPENING
WALL BRACING AND MISC. DETAILS
SCALE AS NOTED
BY RMP
DATE 12/02/03

FINISH FLOOR ELEVATION 100'-0" (ASSUMED)

PROVIDE A CONTINUOUS
2 1/2" X 2 1/2" X
3/16" TUBE WELDED TO
TOP FLANGE OF BEAM
OVER CENTER LINE WITH
3/16" FILLET WELDS 3"
LONG AT 12" O.C. BOTH
SIDES OF TUBE. (TYPICAL
FOR BOTH END BEAMS.)

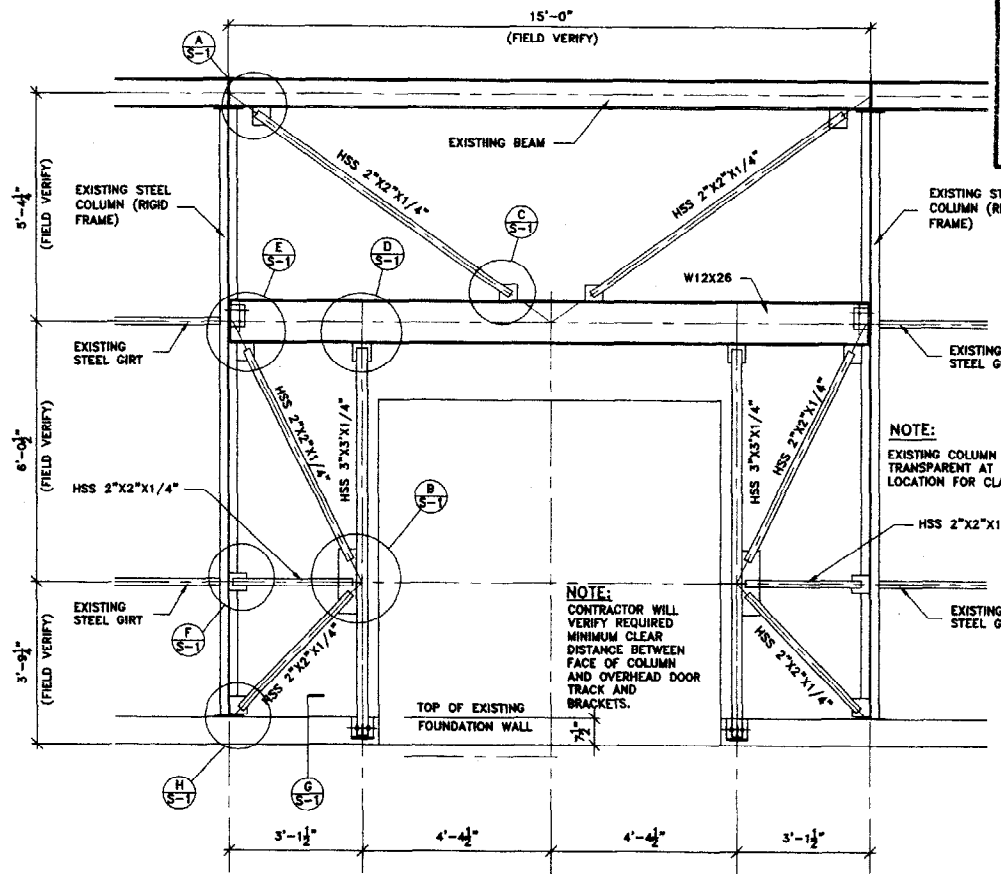
PROVIDE FOR A MINIMUM OF 1"
CLEAR BETWEEN THE FACE OF
THE EXISTING BUILDING AND
THE ENDS OF THE JOISTS
EXTENSIONS AND METAL DECK



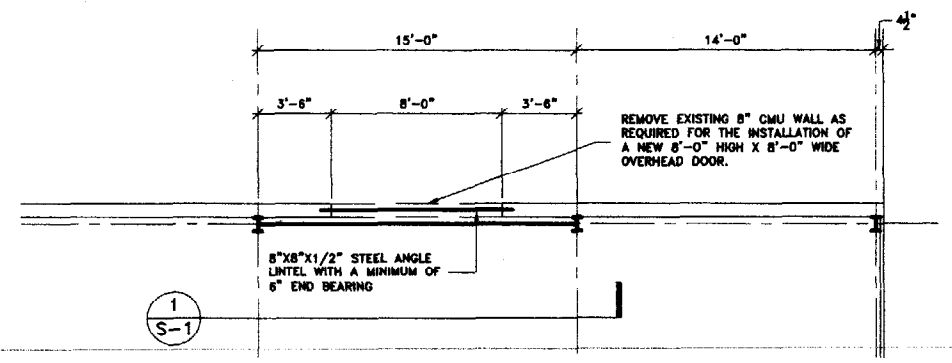
CANOPY FRAMING PLAN
SCALE: 1/4" = 1'-0"

ALL CANOPY COLUMNS SHALL BE W8X28 WITH 14"x14"x3/4" BASE PLATES AND (4) 3/4" A-307 ANCHOR BOLTS. ALL ANCHOR BOLTS SHALL HAVE A STANDARD HOOK AND BE EMBEDDED INTO THE CONCRETE PIER A MINIMUM OF 12". ALL COLUMNS SHALL BE SUPPORTED BY AN 18" SQUARE CONCRETE PIER (4000 PSI CONC.) REINFORCED WITH (8) #6 VERTICAL BARS, #4 TIES AT 12" O.C., AND (8) #6 DOWELS EXTENDING INTO A 3'-0" SQUARE BY 12" DEEP CONCRETE FOOTING (3000 PSI CONCRETE) REINFORCED WITH (4) #4 BARS EACH WAY. THE BOTTOM OF THE FOOTING ELEVATION SHALL BE A MINIMUM OF 5'-0" BELOW FINISH GRADE AND THE PIER SHALL EXTEND A MINIMUM OF 2'-6" ABOVE THE FINISH GRADE.

KIP-FT
▶ TYPICAL MOMENT CONNECTION (SEE PLAN)
TOP OF STEEL ELEVATION ABOVE FINISH FLOOR (0'-0") AT CENTER LINE OF COLUMN



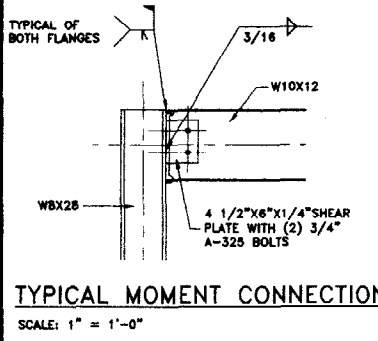
BRACE FRAME ELEVATION
SCALE: 1/4" = 1'-0"



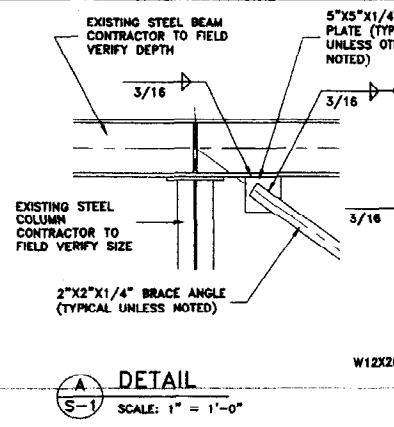
NEW OVERHEAD DOOR BAY BRACING PLAN
SCALE: 1/4" = 1'-0"

- NOTES**
- ALL STRUCTURAL STEEL SHALL CONFORM TO ASTM A-992 (Fy=50 KSI)
 - ALL BAR JOISTS SHALL CONFORM TO SJI STANDARDS.
 - METAL DECK SHALL BE 1 1/2"-22 GA. TYPE "B" DECK.
 - ALL STEEL TUBE COLUMNS SHALL CONFORM TO ASTM A-500 GRADE "B" (Fy=48KSI)

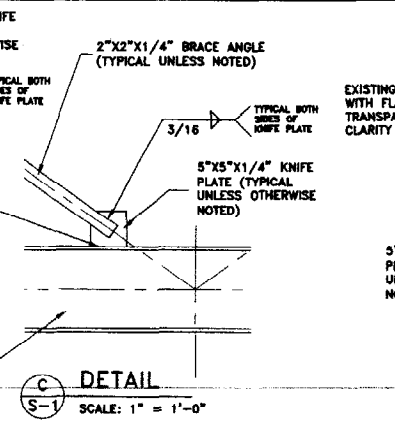
Facilities Solution Inc.
Raymond, Maine
Scale: Date:
FACILITIES SERVICES
P.O. Box 6173
Falmouth, Maine 04105



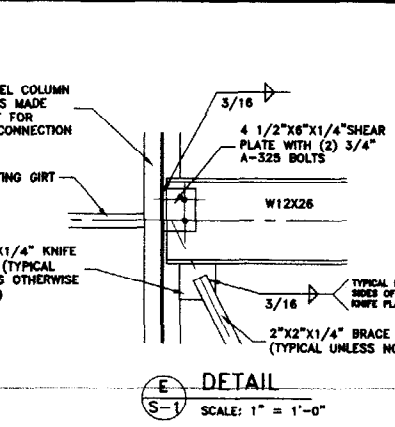
TYPICAL MOMENT CONNECTION
SCALE: 1" = 1'-0"



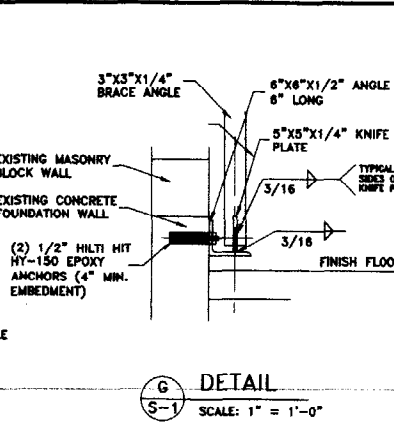
DETAIL A
SCALE: 1" = 1'-0"



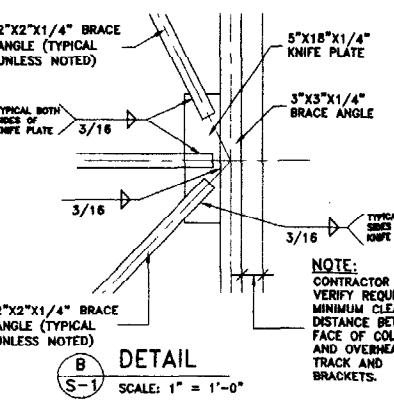
DETAIL B
SCALE: 1" = 1'-0"



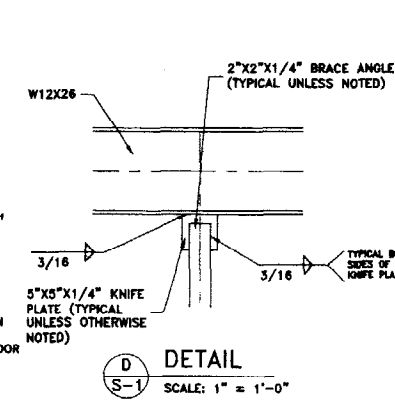
DETAIL C
SCALE: 1" = 1'-0"



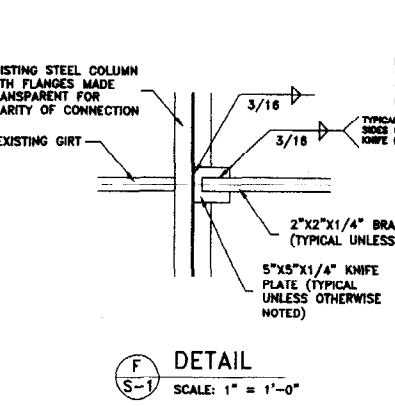
DETAIL D
SCALE: 1" = 1'-0"



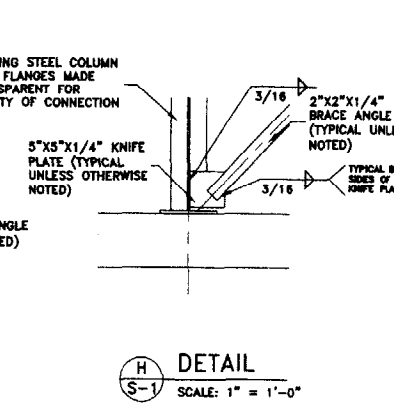
DETAIL E
SCALE: 1" = 1'-0"



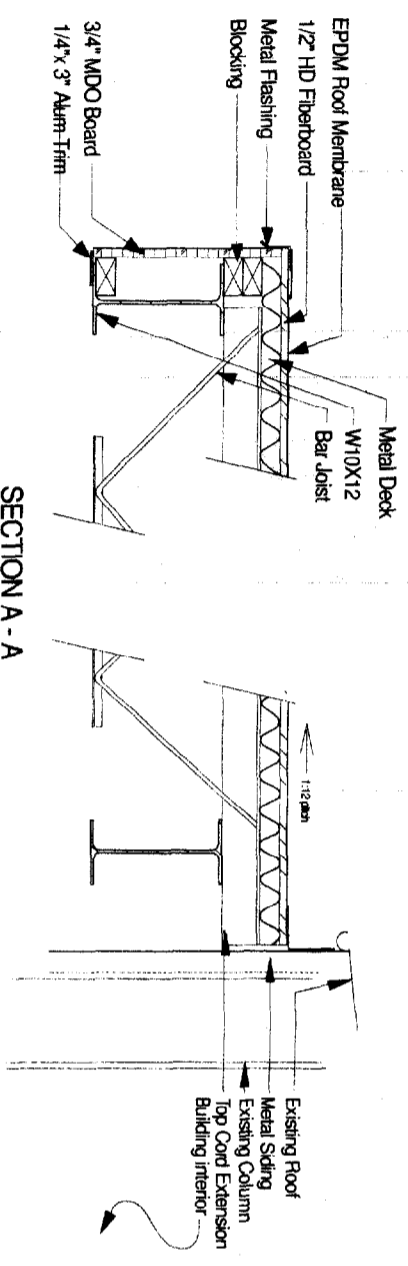
DETAIL F
SCALE: 1" = 1'-0"



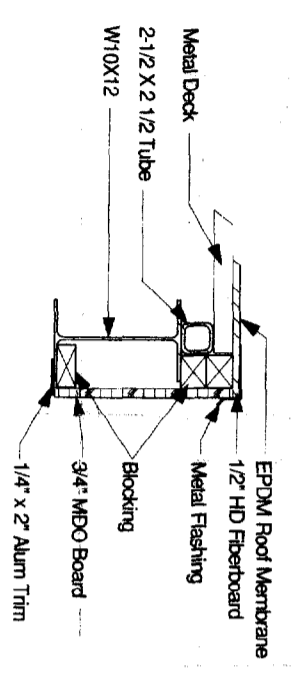
DETAIL G
SCALE: 1" = 1'-0"



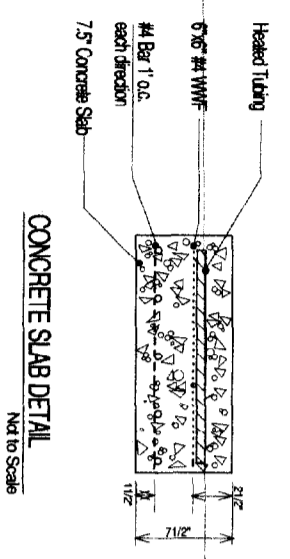
DETAIL H
SCALE: 1" = 1'-0"



SECTION A - A
Not to Scale



SECTION B - B
Not to Scale



CONCRETE SLAB DETAIL
Not to Scale



Scale: as noted Date: February, 2003

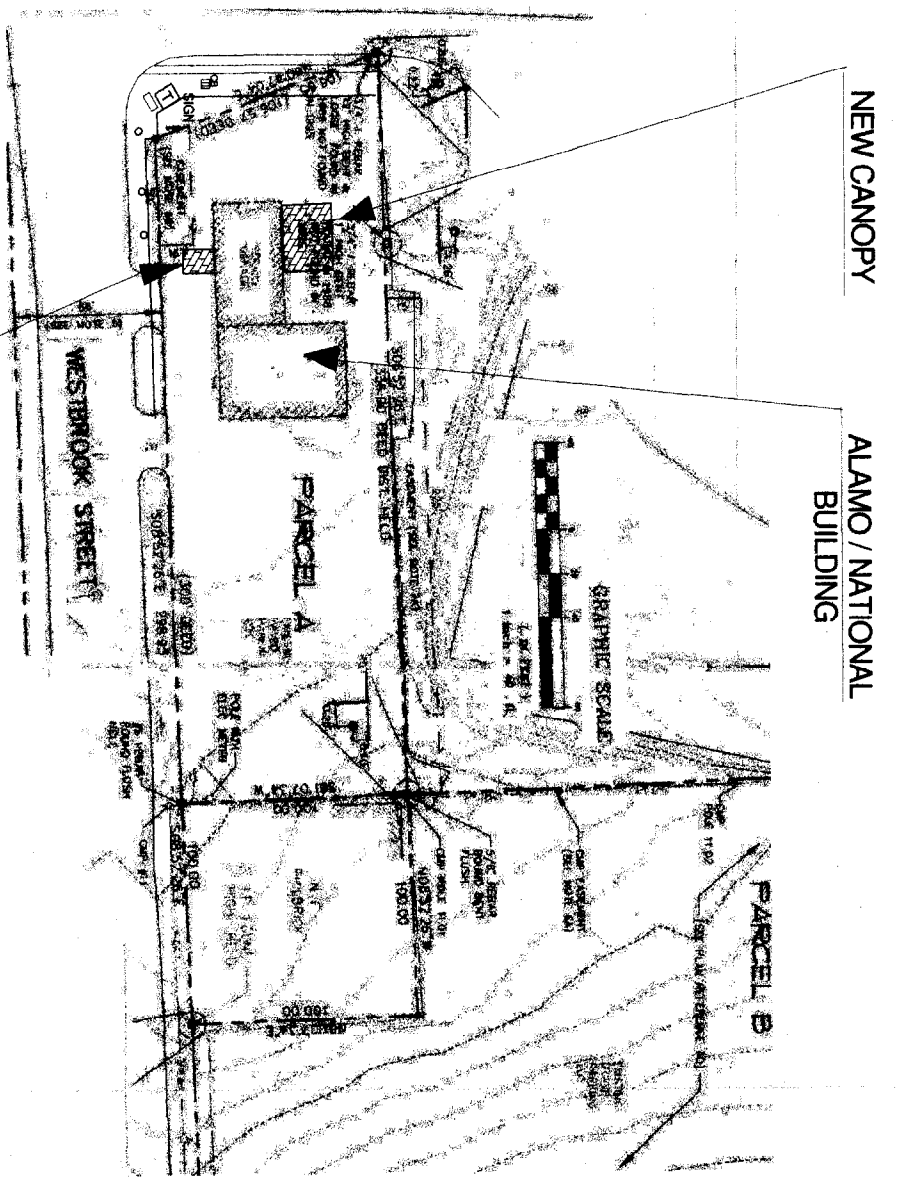
FACILITIES SERVICES
P.O. Box 6173
Falmouth, Maine 04105

ALAMO / NATIONAL CAR RENTAL
BUILDING RENOVATIONS Portland, Maine

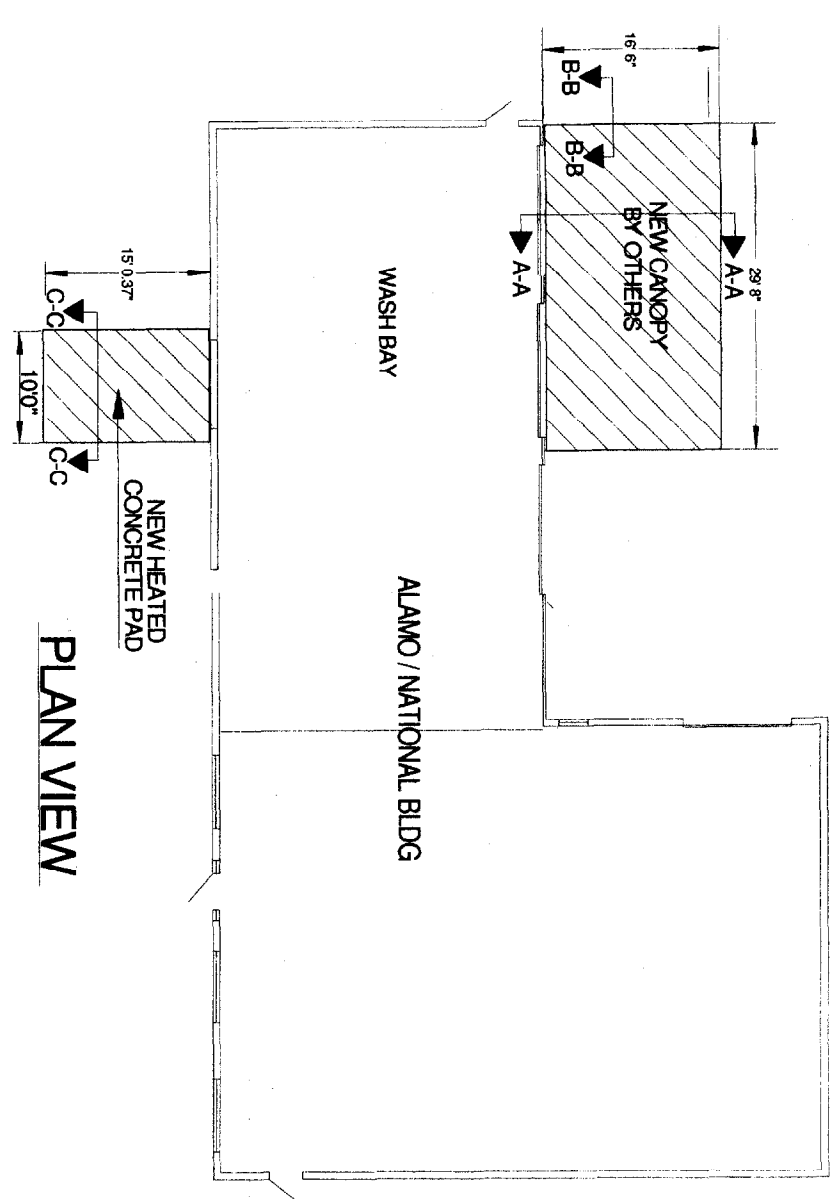
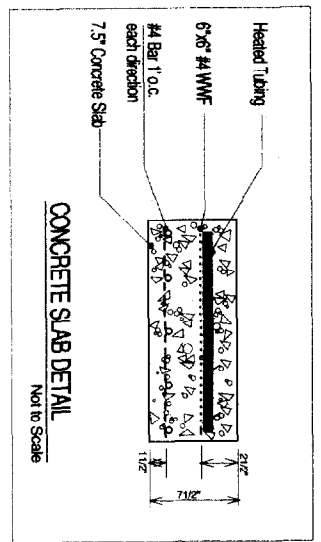
Facility Solutions Inc.
Raymond, Maine

DETAILS

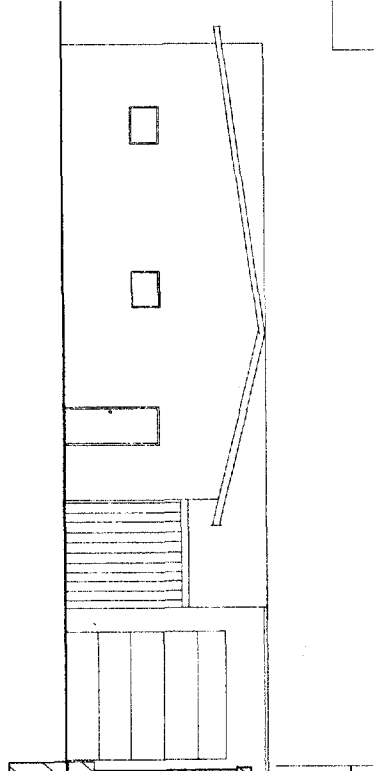
SHEET
3/3



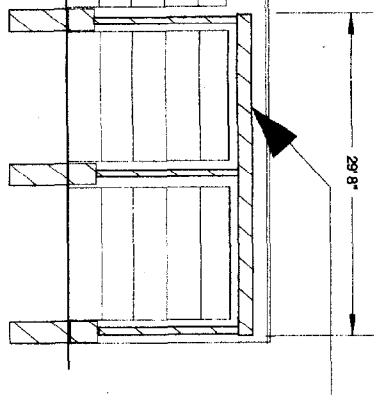
SITE PLAN
 New Door and Heated Pad



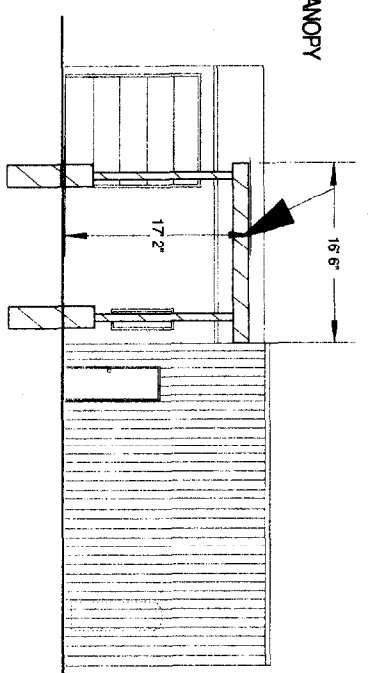
PLAN VIEW



WEST ELEVATION



EAST ELEVATION



SOUTH ELEVATION

CANOPY DESIGN BY OTHERS - 02/20/04
 REVISED CANOPY SIZE - 11/28/03

Scale: 1/8" = 1' Date: November, 2003

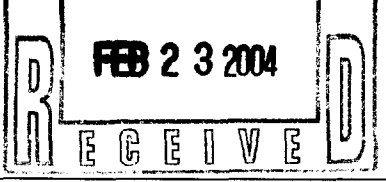


Facility Solutions Inc.
 Raymond, Maine

ALAMO / NATIONAL CAR RENTAL
 PORTLAND INTERNATIONAL JETPORT
 1001 Westbrook Street
 Portland, Maine

FACILITIES SERVICES
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 Falmouth, Maine 04105

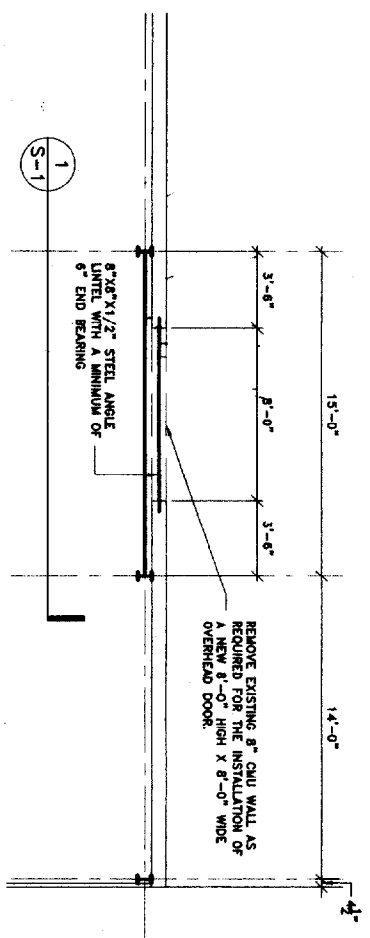
DEPT. OF BUILDING INSPECTION
 CITY OF PORTLAND, ME



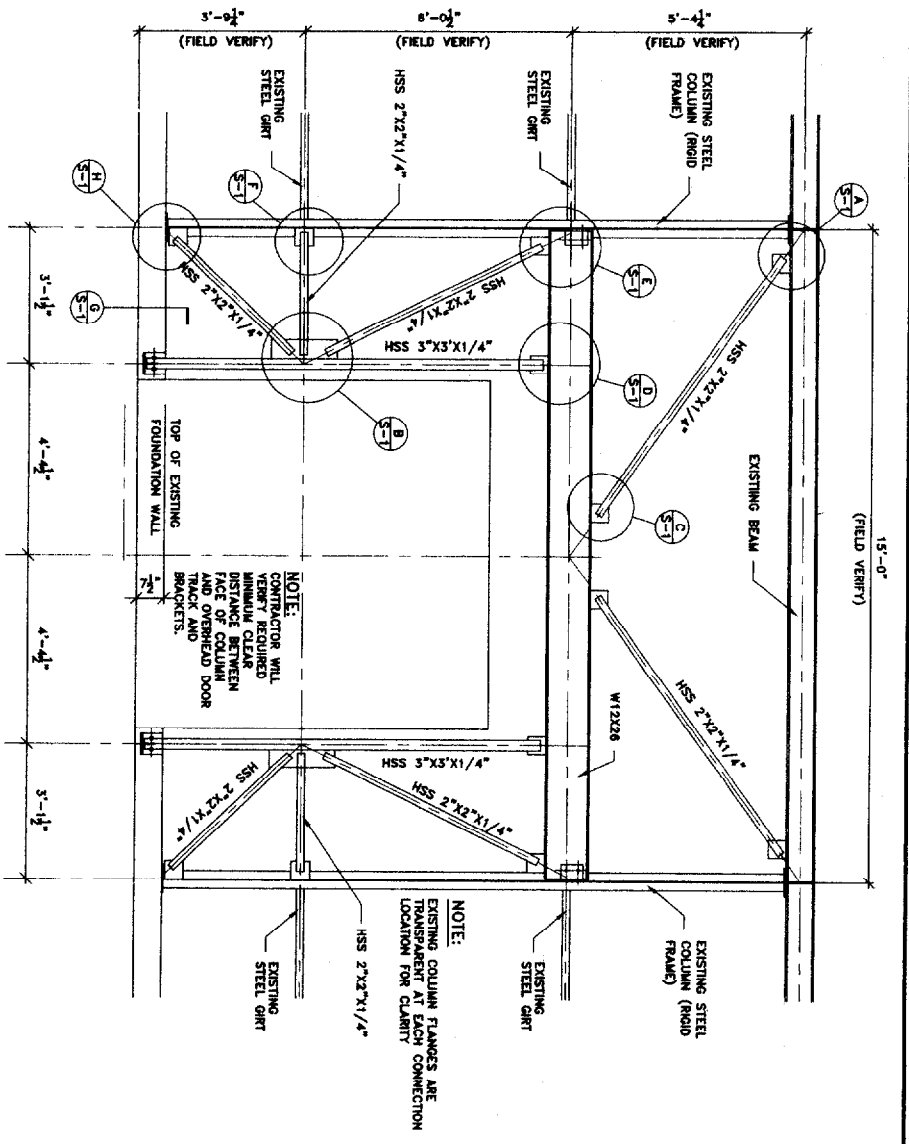
SA1
 SHEET

SITE PLAN & BUILDING ELEVATIONS

204 A 001

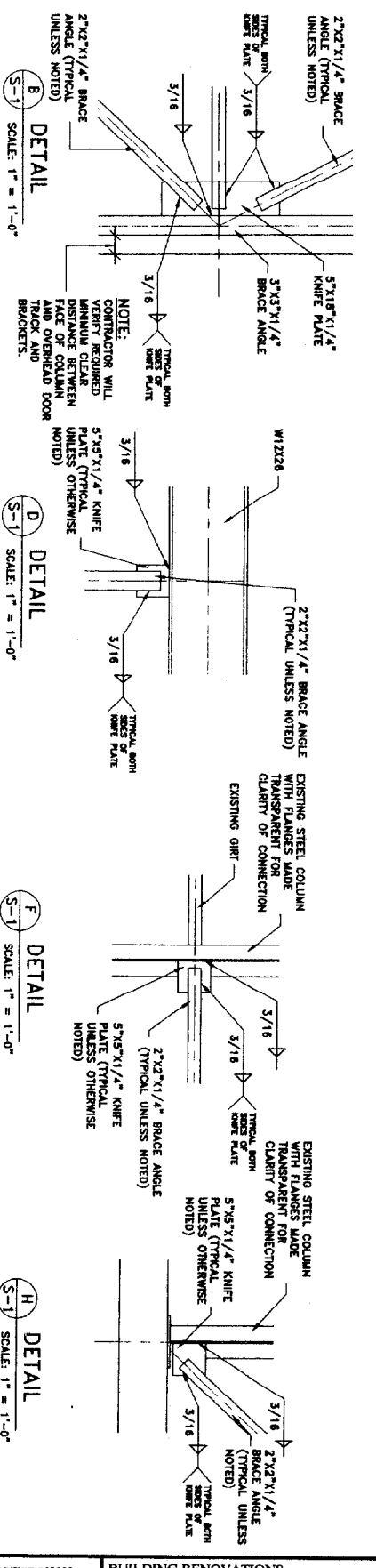
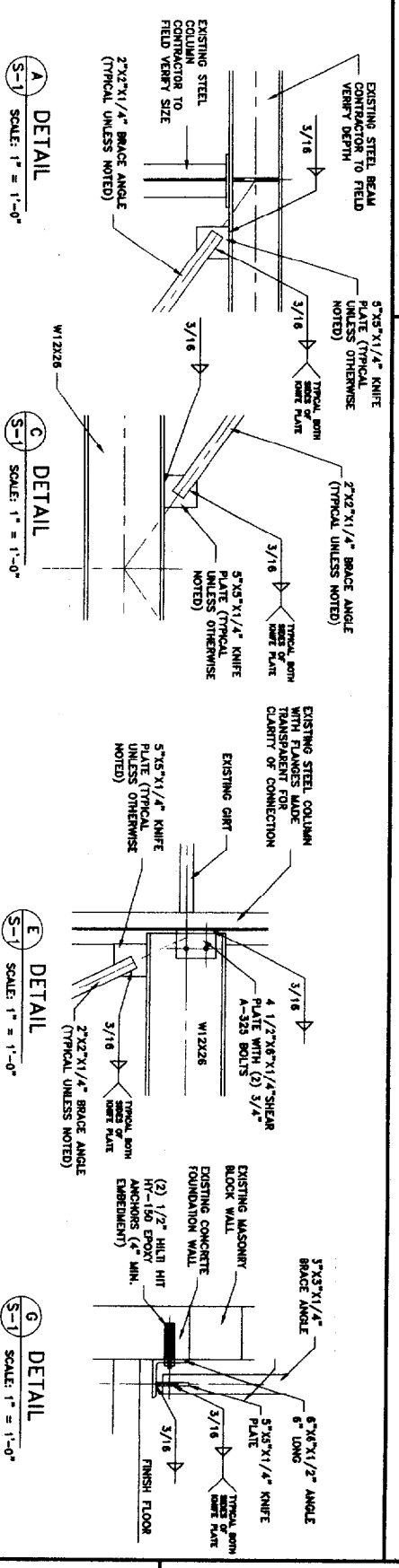


NEW OVERHEAD DOOR BAY BRACING PLAN
SCALE: 1/4" = 1'-0"



BRACE FRAME ELEVATION
SCALE: 1/2" = 1'-0"

- NOTES**
1. ALL STRUCTURAL STEEL SHALL CONFORM TO ASTM A-992 (F=50 KSI)
 2. ALL PLATES AND MISCELLANEOUS STEEL SHALL CONFORM TO ASTM A-36 (F=36KSI)
 3. ALL STEEL TUBE COLUMNS SHALL CONFORM TO ASTM A-500 GRADE "B" (F=48KSI)

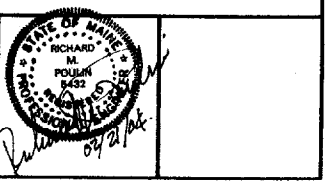


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Raymond, Maine
Facilities SERVICES
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Falmouth, Maine 04105

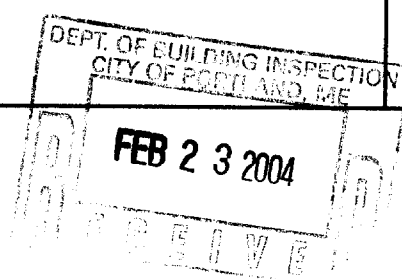
PROJECT #03005	BUILDING RENOVATIONS ALAMO / NATIONAL CAR RENTAL PORTLAND JETPORT - PORTLAND, ME
2 of 2	NEW OVERHEAD DOOR OPENING FRAMING WALL BRACING AND MISC. DETAILS
SCALE AS NOTED	BY RMP DATE 02/23/04

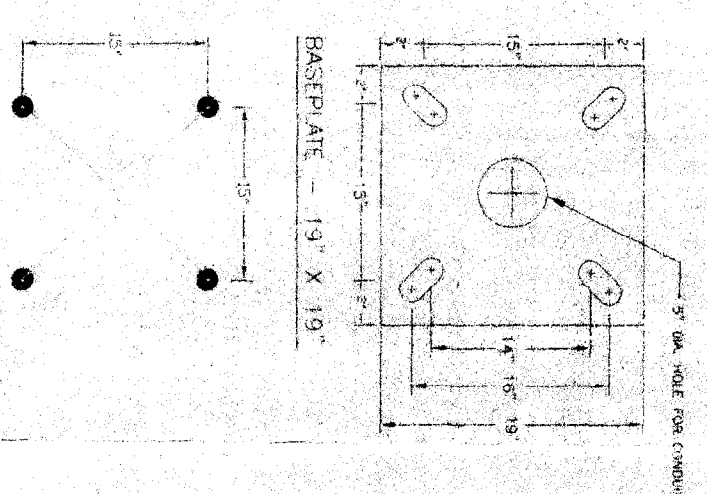
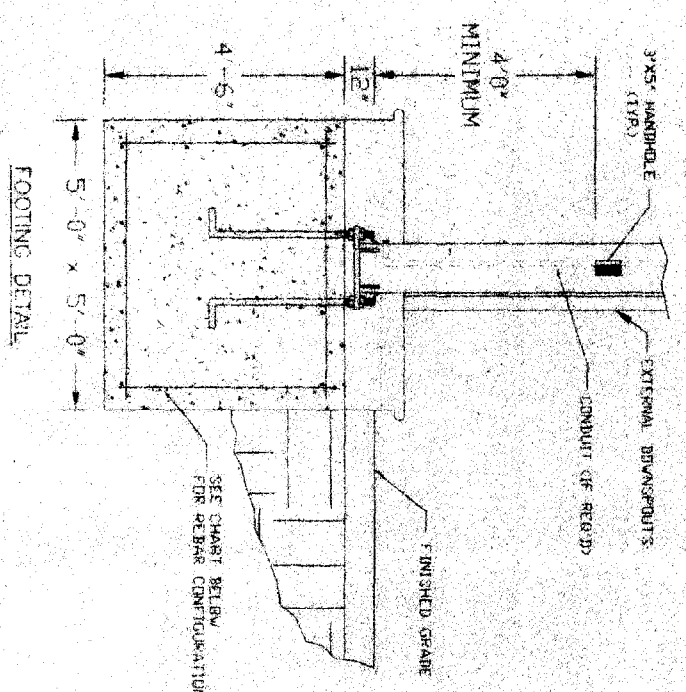
REVISIONS

Richard M. Poulin
Engineering, P.A.
Consulting Engineers
Waterhouse Road • Gorham, Maine 04038 • Telephone 207-839-5105



204 A 001



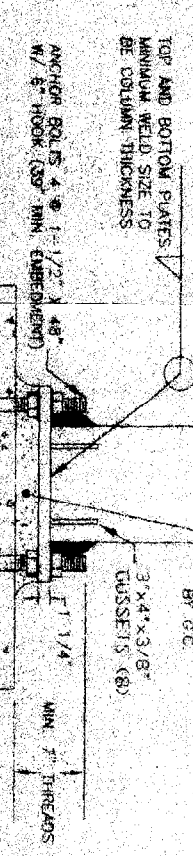


FOOTING SPECIFICATIONS:

- 1) ALL FOOTINGS SHALL BE CAST ON LEVEL, UNDISTURBED SOIL OR ROCK OR PROPERLY COMPACTED SUBGRADE. BOTTOM OF FOOTING TO BE ABOVE WATER TABLE. FOOTING BASED ON MINIMUM 2,500 PSF SOIL BEARING CAPACITY AND 200 PSF PER FOOT OF DEPTH LATERAL BEARING CAPACITY. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL SOIL PARAMETERS.
- 2) FOOTING CONCRETE SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 3000 PSI.
- 3) FOOTING REINFORCEMENT STEEL SHALL BE ASTM A615 GRADE 60 #4 DEFORMED BILLET STEEL BARS WITH SPACING FROM CHART BELOW (REBAR RUNS IN 3 DIRECTIONS).

FOOTING DIMENSION	MINIMUM COVER	NUMBERS OF BARS	SPACINGS ON CENTER
4'-0"	3"	4	3'-6"
4'-6"	3"	4	4'-0"
5'-0"	3"	4	4'-6"
5'-6"	3"	5	5'-0"
6'-0"	4"	5	5'-6"
6'-6"	3"	5	6'-0"

- 4) TOPS OF ALL FOOTINGS ARE ASSUMED TO BE AT SAME ELEVATION, WITH A MAXIMUM DEPTH BELOW GRADE AS INDICATED ON DRAWING. WHERE TOPS OF FOOTINGS ARE AT DIFFERENT ELEVATIONS, THE OWNER/GENERAL CONTRACTOR SHALL PROVIDE MOHAWK MANUFACTURING WITH ALL FOOTING AND GRADE ELEVATIONS PRIOR TO CANOPY FABRICATION.
- 5) FOOTINGS ARE ASSUMED TO BE CONSTRAINED BY ISLAND MAT AND ISLAND CONCRETE FOR SITUATIONS WHERE THIS CONDITION DOES NOT EXIST, THE OWNER SHALL NOTIFY MOHAWK MANUFACTURING.
- 6) ANCHOR BOLTS SHALL BE PLACED IN ACCORDANCE WITH THIS DRAWING. PLYWOOD TEMPLATES SHALL BE USED TO ENSURE PROPER PLACEMENT OF ANCHOR BOLTS. ANCHOR BOLTS ARE TO BE INSTALLED SUCH THAT A MINIMUM OF 7" OF THREAD IS EXPOSED ABOVE TOP OF FOOTING.
- 7) ANY DISCREPANCIES BETWEEN THE ABOVE NOTES AND LOCAL BUILDING CODE REQUIREMENTS SHALL BE REPORTED TO MOHAWK MANUFACTURING IMMEDIATELY. COMMENCEMENT OF FOOTING INSTALLATION SHALL INDICATE THAT THE ABOVE NOTES MEET ALL LOCAL BUILDING CODE REQUIREMENTS.



ANCHOR BOLT DETAIL
 REBAR OMITTED FOR CLARITY
 PURPOSES (SEE FOOTING DETAILS)

PROJECT INFORMATION:
 14 Millard Ave.
 Portland, ME 04103
 2004

MOHAWK MANUFACTURING, INC.
 315 BEER STREET, PORTLAND, ME 04103
 PHONE: 207-757-1800
 FAX: 207-757-8372

ADAMS & FOGG OH FURNITURE

DATE: 02/23/04

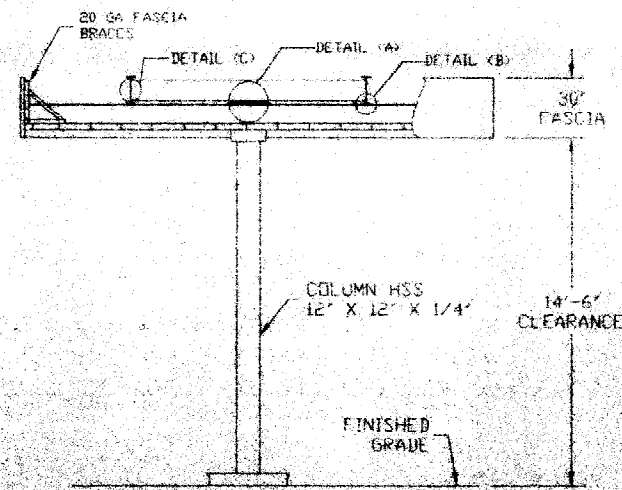
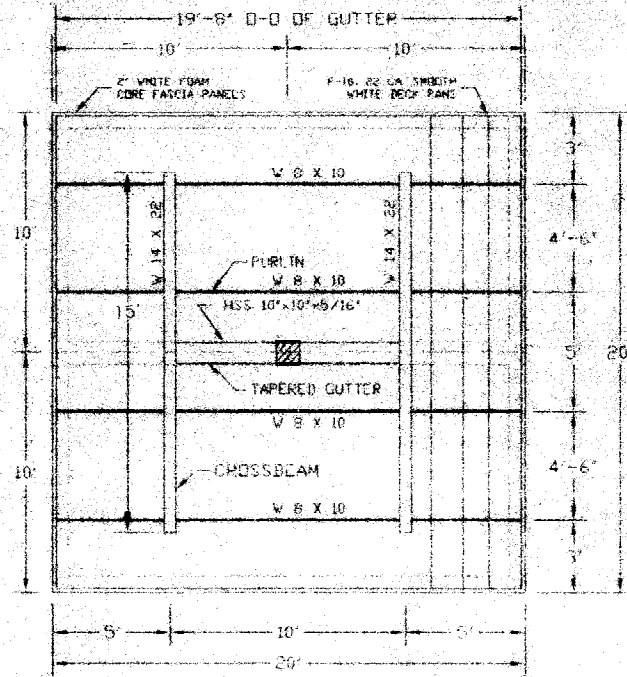
BY: [Signature]

SCALE: AS SHOWN

REVISIONS:

NO.	DATE	DESCRIPTION
1	02/23/04	ISSUED FOR PERMIT

DEPT. OF BUILDING INSPECTION
 CITY OF PORTLAND, ME
 FEB 23 2004

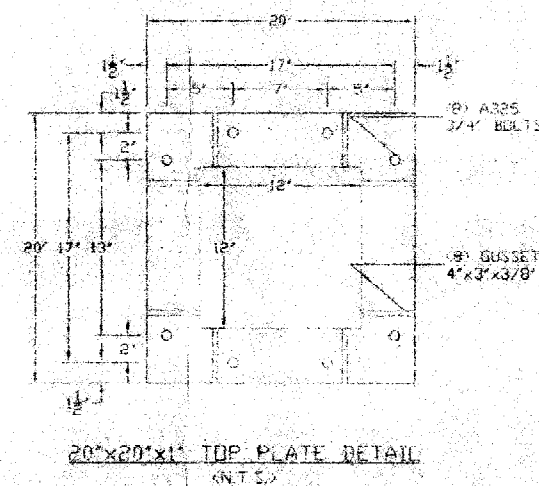
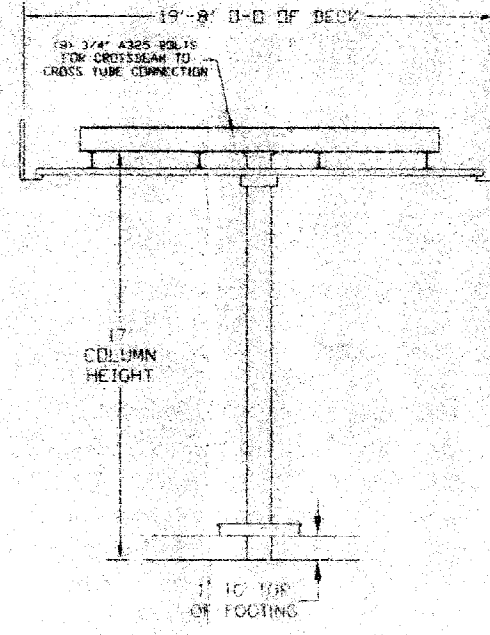


SPECIFIED DESIGN LOADS:

ROOF LIVE LOAD 50 (DESIGN)
 WIND LOAD 25 PSF (LATERAL)
 20 PSF (LIFTS)
 BASED ON 90 MPH BASIC WIND SPEED
 (ASCE 7-02)
 EXPOSURE "C"

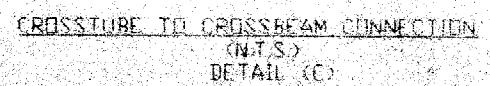
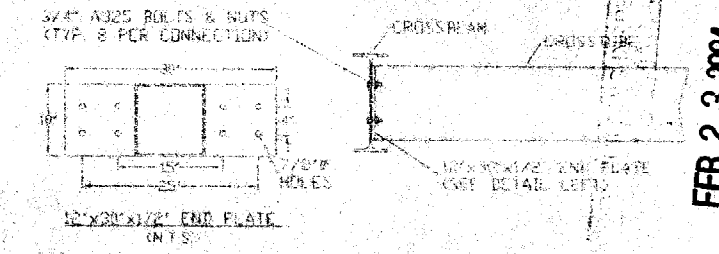
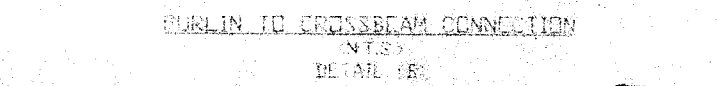
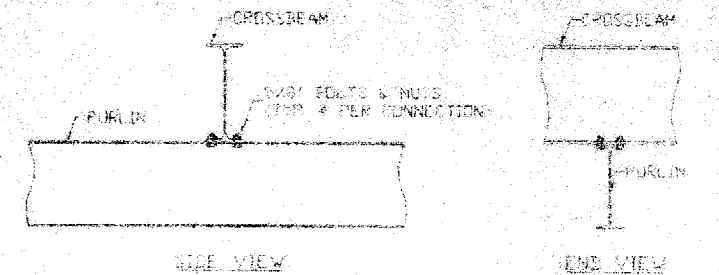
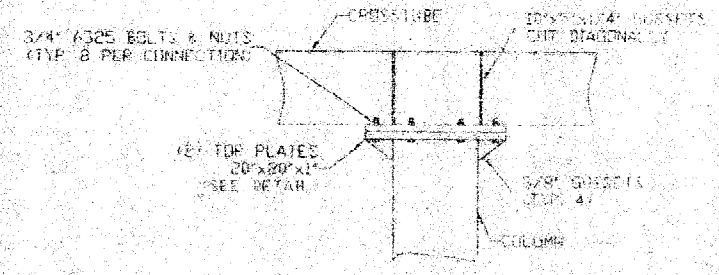
FLAT ROOF SNOW LOAD 40 PSF
 BASED ON GROUND SNOW LOAD = 65

DEAD LOADS
 DECK / FASTENERS - 5 PSF
 FASCIA WT - 5 PLF
 STRUCTURAL STEEL - SELF WT
 CONCRETE - 145 PCF



STEEL NOTES

- ALL DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL SHALL CONFORM TO THE LATEST AISC SPECIFICATIONS.
- STRUCTURAL MATERIALS**
 W SECTIONS - ASTM A36 (Fy = 36 KSI)
 ANGLES/CHANNELS - ASTM A36 (Fy = 36 KSI)
 TUBE SECTIONS - ASTM A500 GR B (Fy = 46 KSI)
 PLATES - ASTM A36 (Fy = 36 KSI)
 STRUCTURAL BOLTS - ASTM A325
 ANCHOR BOLTS - ASTM A307 OR A36
- WELDING OF STRUCTURAL STEEL SHALL BE IN ACCORDANCE WITH LATEST AWS D1.1 (WITH E70XX ELECTRODES).
- ALL A325 BOLTS WILL BE TIGHTENED BY THE TURN OF THE NUT METHOD AS FOLLOWS:
 a) ALL BOLTS SHALL BE BROUGHT TO A SNUG TIGHTNESS DEFINED AS THE TIGHTNESS ATTAINED BY THE FULL EFFORT OF A MAN USING AN ORDINARY SPREAD WRENCH.
 b) ALL BOLTS IN THE CONNECTION SHALL THEN BE TIGHTENED ADDITIONALLY BY A NOT OR BOLT ROTATION OF 1/2 TURN DURING THIS OPERATION THERE SHALL BE NO ROTATION OF THE PART NOT TURNED BY THE WRENCH.
- STEEL SHALL BE COATED WITH A RED-OXIDE RUST INHIBITIVE PRIMER.
- STEEL DECK - GALVANIZED (ASTM A660) STEEL WITH 20 YR BAKED ENAMEL FINISH.



ENGINEER F. J. FOGG, P.E. 24 Waverly Place Larchmont, NY 10538 License Number 3264	MANUFACTURER (SEE NO.) MOGHANAVIK MOHAWK MANUFACTURING CO. INC. 2175 BEECHGROVE PLACE UTICA, NY 13506 PHONE: 315-793-3000 FAX: 315-793-2370
CERTIFICATION 2/13/04 	DISTRIBUTOR ADAMS & FOGG OIL EQUIPMENT PORT JEFFERSON SIZE: 30 X 20 X 1/4 GALV. CASING COVERED: DATE: BY: DESCRIPTION: SCALE: NONE DRAWN BY: JMH DATE: 2/3/04 PUR. NO. 104-013 SHEET 1 OF 2

FEB 23 2004
 J. F. FOGG