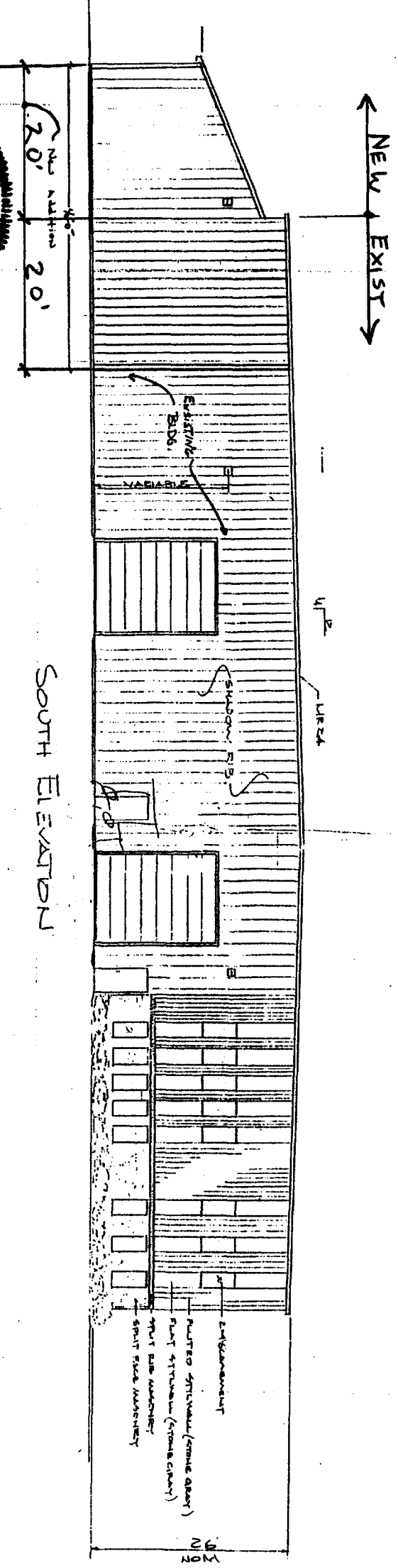
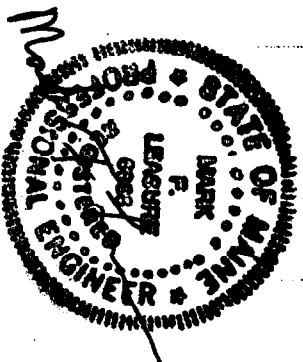


Existing EAST ELEVATION



NEW SOUTH ELEVATION



DATE	REVISION	BY	DATE
5-17-88	REVISED FOR SITE PLAN REVIEW	JD	
6-22-88	SUBMITTED TO DEB		
6-29-88	REMOVED LOTS - SUBMITTED TO DEB		

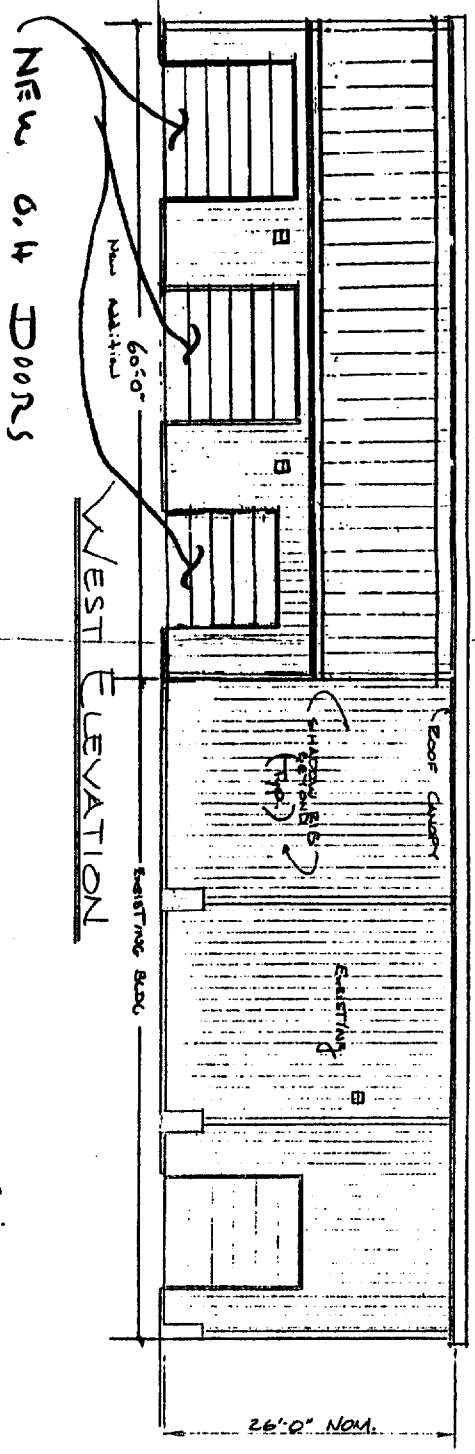
DATE	APPROVED BY	DATE

Jordan Milton - Lot 4A	JOB NO.
McAuliffe Farm Subdivision	8506
Portland, Maine	DWG. NO.
	A2
	OF

Diago Drywall Assoc.

External Elevations

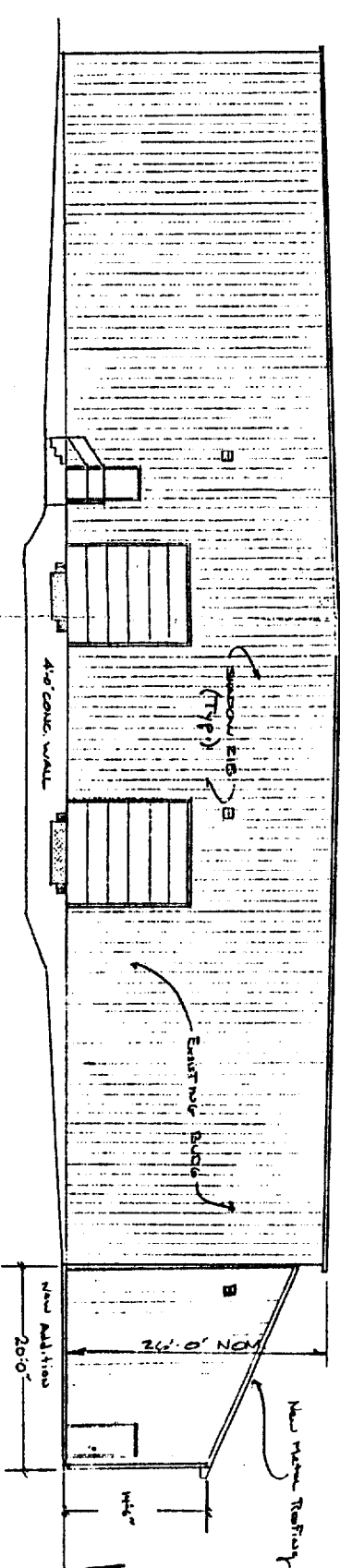
SEP 28 1988



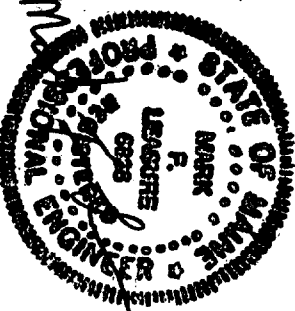
NEW 6' 4" DOORS

WEST ELEVATION

← EXIST → NEW →



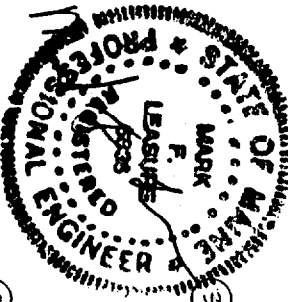
NORTH ELEVATION



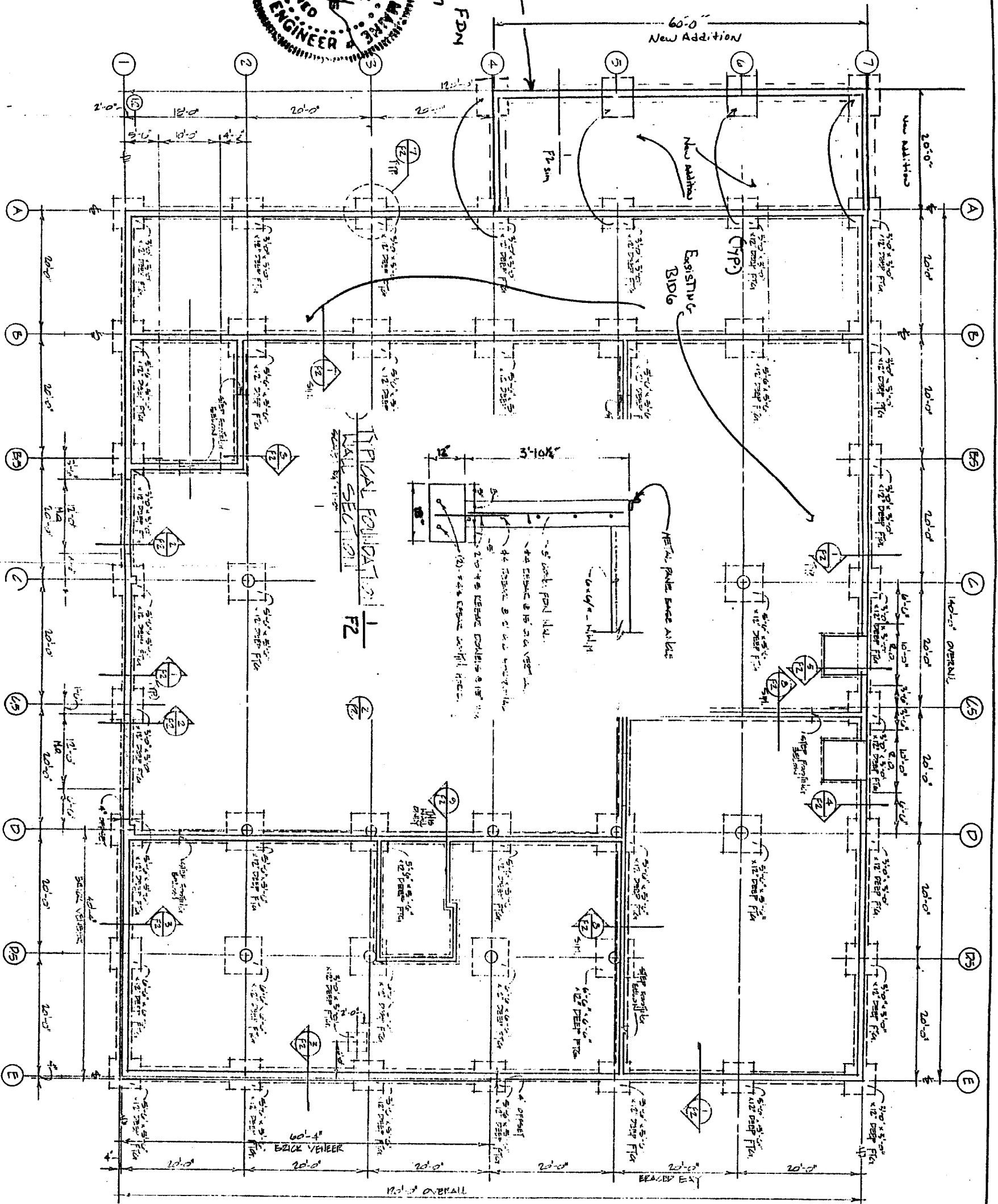
Dirigo Drywall Assoc.

SEP 28 1998

DATE	REVISION	EST. NO.	JOB NO.
9-5-98	SUBMITTED FOR SITE PLAN REVIEW		DIRIGO DRYWALL ASSOC.
		SIZE	LOT 4A
		TYPE	McAUSTEE FARM SUBDIVISION
		DRAWN BY	VMC
		APPROVED BY	VMC
			THE NORTH & WEST ELEVATIONS
		DWG. NO.	A3
		OF	



EXIST FDN SYSTEM



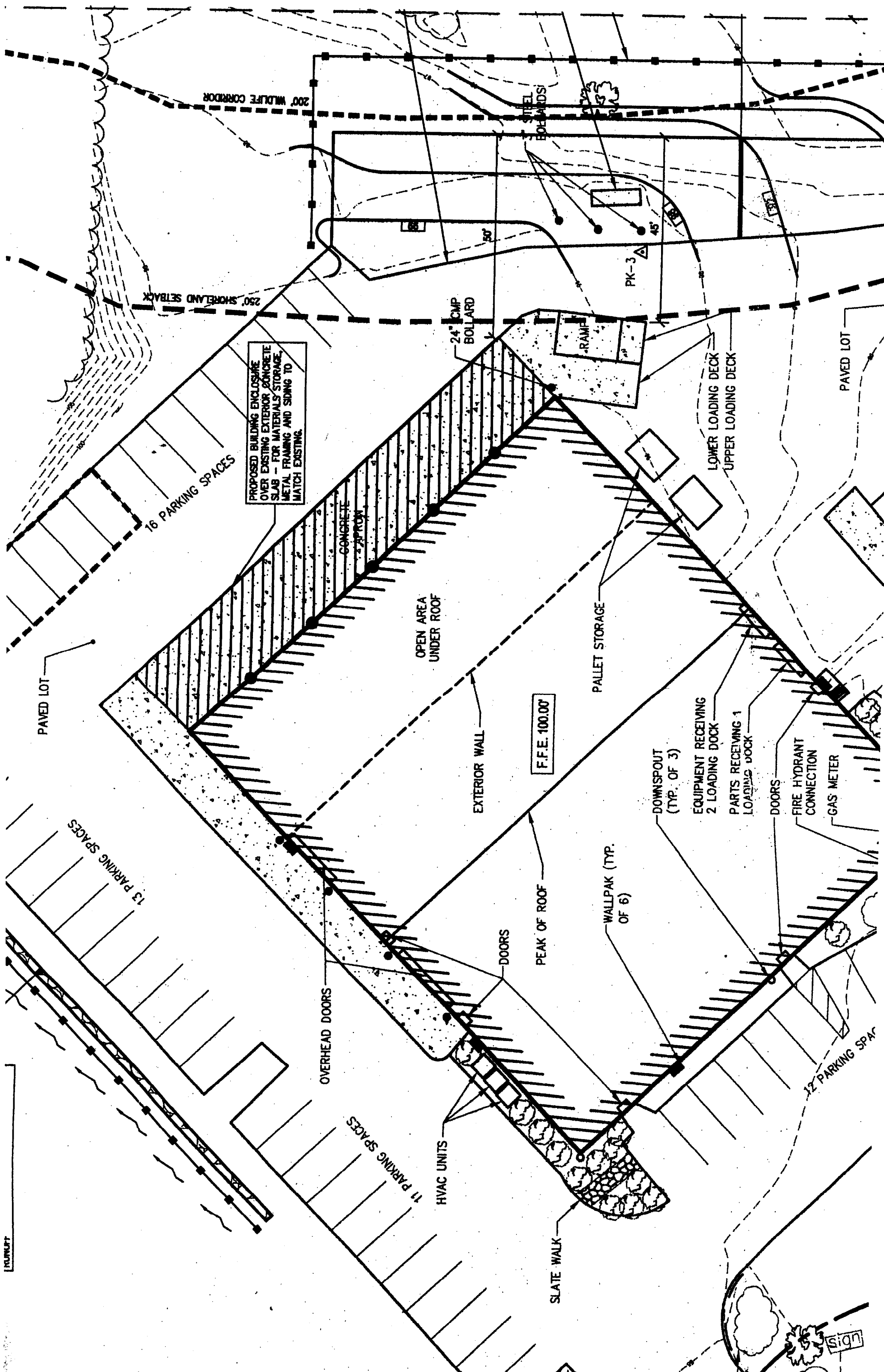
- CONCRETE NOTES**
1. Foundation & slabs concrete to be 3000 psi @ 28 day.
 2. All other concrete to be 3000 psi @ 28 day.
 3. All slabs to be 4" thick.
 4. All walls to be 12" thick.
 5. All footings to be 18" deep.
 6. All reinforcement to be #4.
 7. All reinforcement to be placed in accordance with ACI 318.
 8. All reinforcement to be placed in accordance with ACI 318.
 9. All reinforcement to be placed in accordance with ACI 318.
 10. All reinforcement to be placed in accordance with ACI 318.

DATE	REVISION	BY	CHKD
11-15-11	1	FLM	FLM
11-15-11	2	FLM	FLM
11-15-11	3	FLM	FLM
11-15-11	4	FLM	FLM
11-15-11	5	FLM	FLM
11-15-11	6	FLM	FLM

JORDAN MILTON
 LOT 5, McALISTER FARM SUBDIVISION
 RIVERSIDE STREET, PORTLAND, MAINE

FOUNDATION PLAN

JOB NO. 8806
 DWG. NO. F-1



200' WILDLIFE CORRIDOR

250' SHORELAND SETBACK

16 PARKING SPACES

PROPOSED BUILDING ENCLOSURE OVER EXISTING EXTERIOR CONCRETE SLAB - FOR MATERIALS STORAGE. METAL FRAMING AND SIDING TO MATCH EXISTING.

CONCRETE APRON

OPEN AREA UNDER ROOF

EXTERIOR WALL

F.F.E. 100.00

PEAK OF ROOF

PALLET STORAGE

DOWNSPOUT (TYP. OF 3)

EQUIPMENT RECEIVING 2 LOADING DOCK

PARTS RECEIVING 1 LOADING DOCK

DOORS

FIRE HYDRANT CONNECTION

GAS METER

PAVED LOT

13 PARKING SPACES

OVERHEAD DOORS

11 PARKING SPACES

HVAC UNITS

DOORS

SLATE WALK

WALLPAK (TYP. OF 6)

12 PARKING SPACES

PAVED LOT

LOWER LOADING DECK
UPPER LOADING DECK

RAMP

24" CMP BOLLARD

PK-3

50'

45'

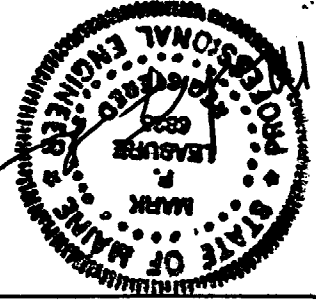
STEEL BEAMS

sign

PLAN

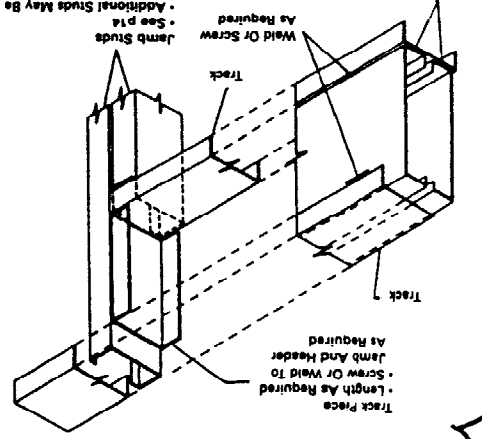
TYP CONN
DETAILS

Illustrations
Joist/Rafter Applications

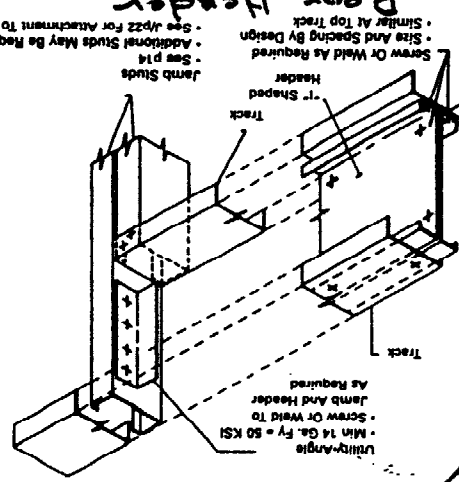


Bearing Wall Illustrations

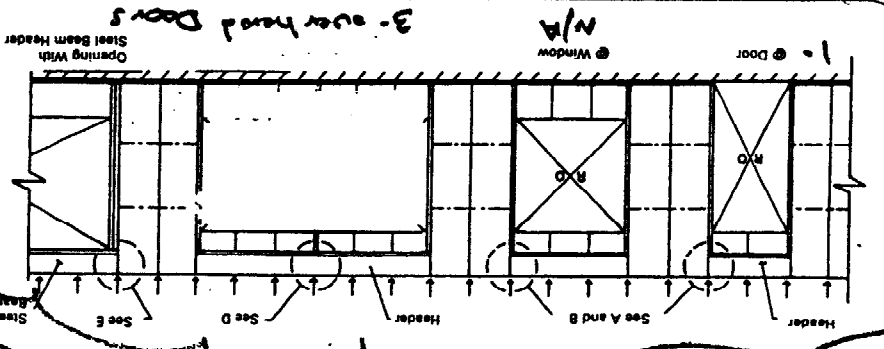
A. BOXED HEADER TO MULTIPLE JAMB
TOP OF WALL Header Above openings



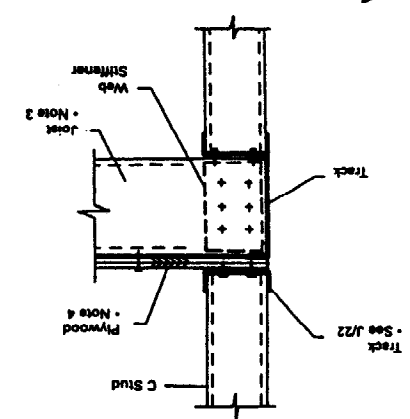
B. 1\"/>



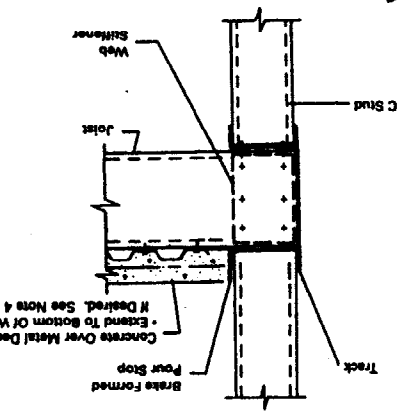
C. BEARING WALL SCHEMATIC (NOTE 5)



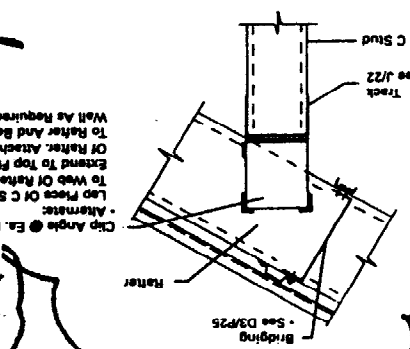
JOIST @ EXTERIOR BEARING WALL



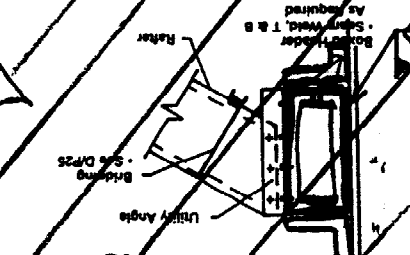
JOIST @ EXTERIOR BEARING WALL



D. RAFTER @ STUD BEARING WALL

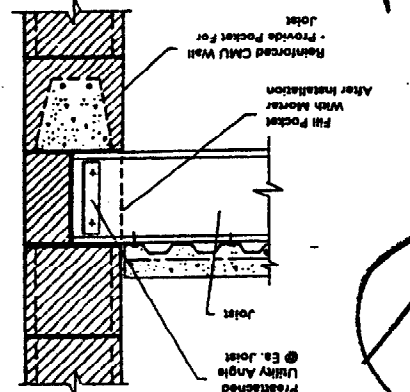


E. RAFTER @ RIDGE BEAM

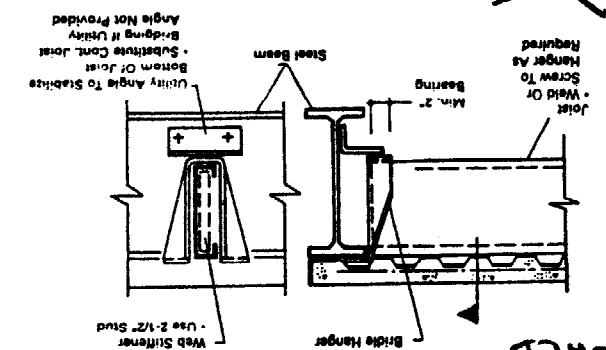


SEE SKS-1
3x4 3/8\"/>

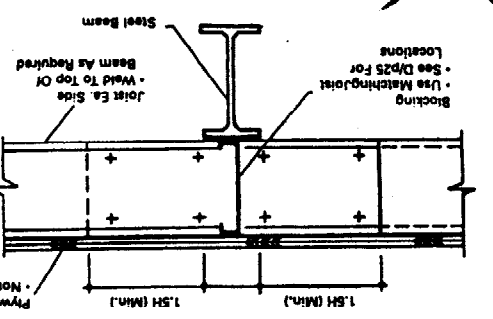
JOIST @ REINFORCED CMU WALL



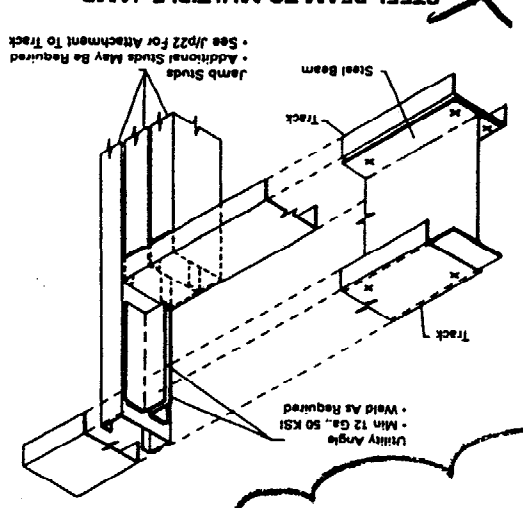
JOIST @ STEEL BEAM WITH BRIDLE HANGER



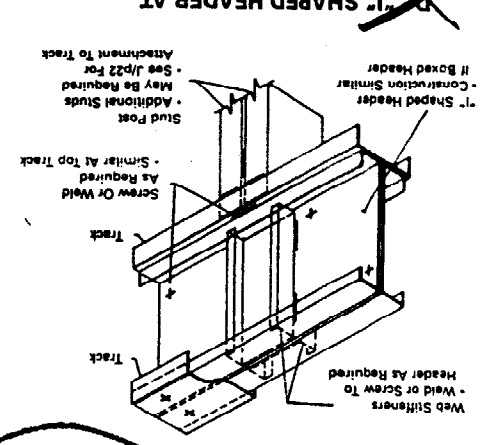
LAPPED JOISTS @ INTERIOR SUPPORT (NOTE 5)



STEEL BEAM TO MULTIPLE JAMB STUDS



1\"/>



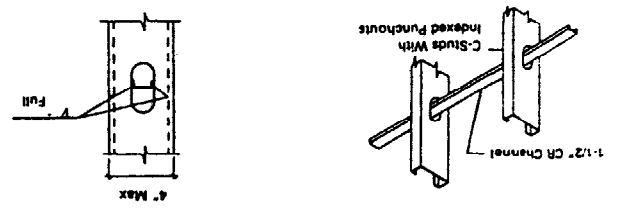
- NOTES:**
1. Size, spacing and anchorage of framing components shall be qualified by design.
 2. Reference page 35, Specification Section 3.7, Installation: Joists or Rafters, for additional information.
 3. Align webs of joist and stud or install continuous distribution header at top of wall below.
 4. Intended for use in floor joist applications. See Specification Section 3.7, Installation: Joists or Rafters, for additional information.

REV 1
7-25-03

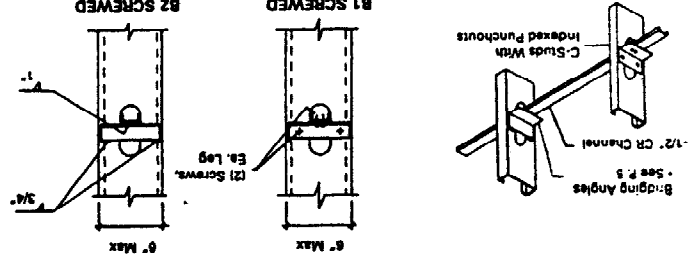
Size, spacing and anchorage of framing components shall be qualified by design. Reference page 35, Specification Section 3.7, Installation: Joists or Rafters, for additional information. Intended for use in floor joist applications. See Specification Section 3.7, Installation: Joists or Rafters, for additional information.

Mechanical Bridging

Wall Applications

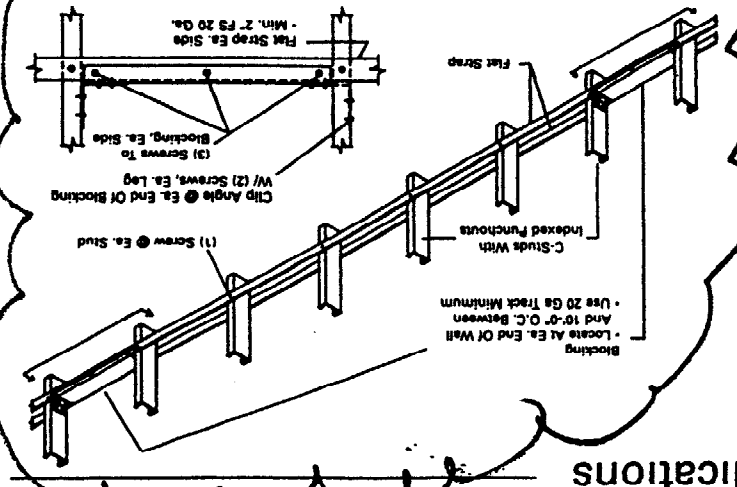


A. 1-1/2" CR CHANNEL WELDED TO INDEXED PUNCHOUTS. (NOTE 2)



B. 1-1/2" CR CHANNEL THROUGH INDEXED PUNCHOUTS (NOTE 2)

NOTES:
1. In curtilwall construction, studs shall be braced against rotation by diaphragm rated sheathing board applied full height to each side of the wall. The installation of mechanical bridging for walls spaced 5'-0" on center, provides adequate rotational restraint for walls under construction before the installation of sheathing.
Where the wall is not sheathed full height each side or sheathed on one side only, continuous bridging spaced 5'-0" on center shall provide rotational support. Reductions in allowable bending capacity must be investigated separately.
When sheathing is used to brace the studs, the products shall maintain their structural integrity during the course of construction and the service life of the wall. The attachment of the sheathing should conform to the Joist/Rafter Applications.



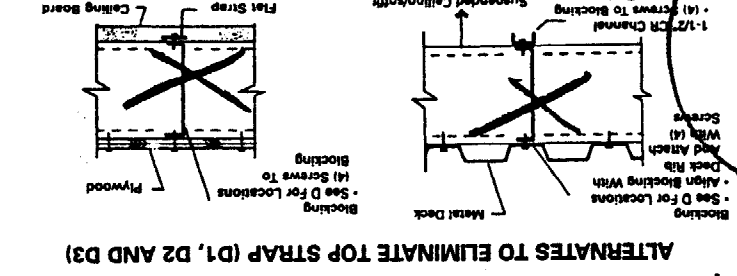
C. FLAT STRAP AND BLOCKING

MAXIMUM VERTICAL SPACING OF BRIDGING

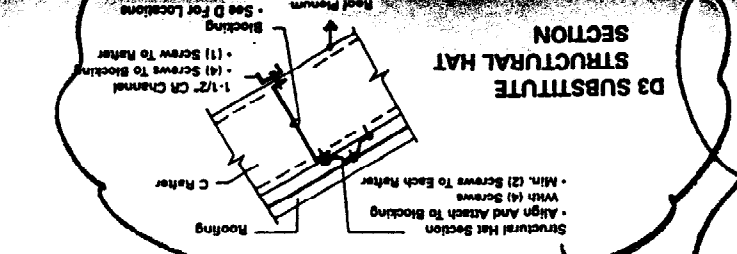
Detail	Maximum Depth of Construction (Note 1) (Curtilwall) (Load Bearing) Construction (Note 2)	Reference Stud	First Row Balance	First Row Balance	Balance
A	4"	5'-0"	4'-0" O.C.	3'-0"	4'-0" O.C.
B	6"	5'-0"	4'-0" O.C.	3'-0"	4'-0" O.C.
C	All depths	5'-0" O.C. Max.	4'-0" O.C. Max.		

2. In axial load bearing construction, studs shall be braced against rotation before loading. Install bridging spaced at intervals not exceeding 4'-0" on center.
3. Reference page 4 for additional information regarding indexing of stud web punchouts. The first punchout occurs 1'-0" from the indexed end and 2'-0" on center thereafter.

Joist/Rafter Applications



D1 SUBSTITUTE METAL DECK



D3 SUBSTITUTE STRUCTURAL HAT SECTION

Wall Applications

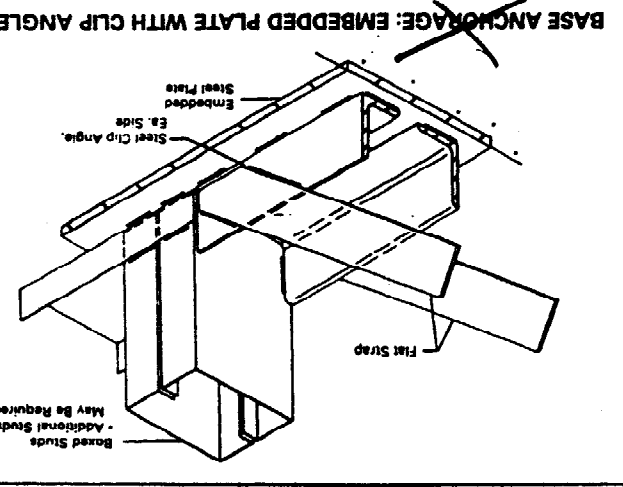
For selection of Flat Strap (FS) subjected to tension loads in shear wall assemblies or miscellaneous applications.

NOTES:

- Pa values are shown with and without 1/3 increase applied to the allowable tension stress. Where the tensile force is induced by wind or seismic loads, the increased value may be used.
- Strap end connections shall be designed to transfer the tensile load.
- 20 and 18 gage strap: Fy (min) = 33 KSI
16 and 14 gage strap: Fy (min) = 50 KSI



BASE ANCHORAGE: BOLTED STEEL CLIP ANGLES



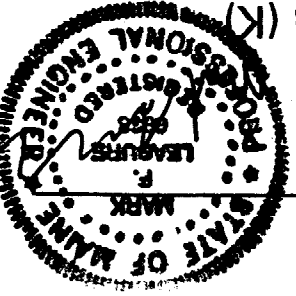
BASE ANCHORAGE: EMBEDDED PLATE WITH CLIP ANGLES

Shear Wall Frames

Flat Strap (FS) Allowable Tension Loads, Pa, Kips (K)

Pa	Pa	Pa	Pa	Pa	Pa	Pa	Pa
W/O 1/3 INC.	W/1/3 INC.	AREA	(in ²)	(kip)	(kip)	STRAP	(Width FS Gage)
1.78	2.38	0.0902	2.38	4.76	3.57	2 FS 18	
3.57	4.76	0.1804	4.76	9.52	7.14	4 FS 18	
3.39	4.52	0.1132	4.52	9.05	6.79	2 FS 16	
6.79	9.05	0.2264	9.05	18.10	13.58	4 FS 16	
4.28	5.70	0.1426	5.70	11.41	8.56	2 FS 14	
8.56	11.41	0.2852	11.41	22.83	17.11	4 FS 14	
12.83	17.11	0.4278	17.11	34.22	25.67	6 FS 14	

TYP CONH DETAILS

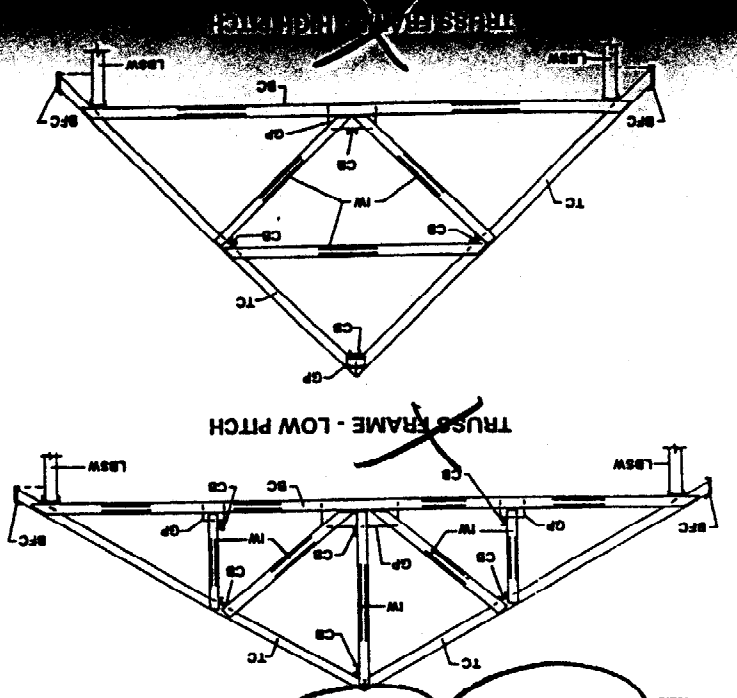


KEY

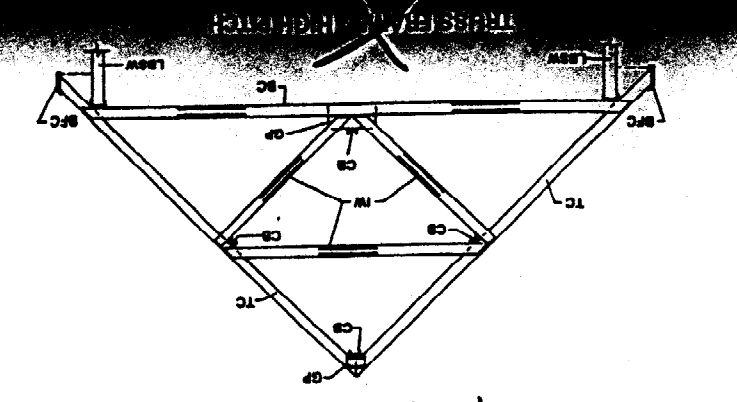
KEY	COMPONENT	NOTES
TC	Top Chord	2, 3 & 4
BC	Bottom Cord	2, 3, & 4
IW	Internal Web	2 & 4
CB	Continuous Bridging	5
BFC	Brake Formed Closure	6
GP	Gusset Plate	7
LBSW	Load Bearing Stud Wall	

NOTES:

1. Size, spacing and anchorage of truss frames shall be qualified by design. Install continuous components (avoid splicing). The use of components with unpunched webs is recommended.
2. Chords subjected to uniform loading shall satisfy the interaction equations of AISI Section C5, Combined Axial and Bending.
3. The slenderness ratio of compression members, KL/r, should not exceed 200. See page 32 for allowable axial capacities for unpunched compression members. Installation of intermediate bridging will reduce the member's unbraced length thus increasing its axial capacity yet adding to the installation costs.
4. Use 112 CR 16 gage channel if trusses spaced 24" O.C. or less. Use 212 T 20 gage track if trusses spaced between 24" and 48" O.C.
5. Use flat plate or section of heavy gage C stud or track.
6. Align webs of bottom chord and stud or install continuous distribution header at top of wall below. Installation of a web stiffener at support locations may be required.
7. Refer to Specification Section 3.5, Installation, Trusses for locations where special fasteners may be required.



TRUSS FRAME - LOW PITCH



TRUSS FRAME - HIGH PITCH

CITY OF PORTLAND MAINE

389 Congress St., Rm 315
Portland, ME 04101
Tel. - 207-874-8704
Fax - 207-874-8716

TO:
Inspector of Buildings City of Portland, Maine
Planning & Urban Development
Division of Housing & Community Services

FROM DESIGNER: L + L STRUCTURAL ENGINEERS

6 A STREET SO. PORTLAND, ME

DATE: 6-25-03

Job Name: DIVERSO DAYWALK ASSOCIATES (MAP 35A, LOT A2) ADDITION

Address of Construction: 1 McAllister Farm Road Portland, ME 04103

THE BOCA NATIONAL BUILDING CODE/1999 FORTIETH EDITION

Construction project was designed according to the building code criteria listed below:

Building Code and Year: BOCA 1999 **Use Group Classification(s):** Warehouse/S2

Type of Construction: Mr. Bldg. Bldg. Height: 28'-0" **Bldg. Sq. Footage:** 1,200 sq ft

Seismic Zone: (II) **Ar = 0.10** **Group Class:** I

Roof Snow Load Per Sq. Ft.: 42 **Dead Load Per Sq. Ft.:** 15

Basic Wind Speed (mph): 85 **Effective Velocity Pressure Per Sq. Ft.:** 25

Floor Live Load Per Sq. Ft.: 250

Structure has full sprinkler system? Yes No
Sprinkler & Alarm systems must be installed according to BOCA and NFPA Standards with approval from the Portland Fire Department. **TO BE DESIGNED BY OTHERS.**

Is structure being considered unlimited area building: Yes No
If mixed use, what subsection of 313 is being considered: N/A

List Occupant loading for each room or space, designed into this project. **8 PERSONS (300 SQ-FT/OCCUPANT)**

PSH 6/07/2K NOT RESPONSIBLE FOR
(Designers Stamp & Signature)

MECHANICAL/ELECTRICAL/PLUMBING
THESE SYSTEMS WHEN INSTALLED
SHALL BE DESIGNED BY OTHERS

