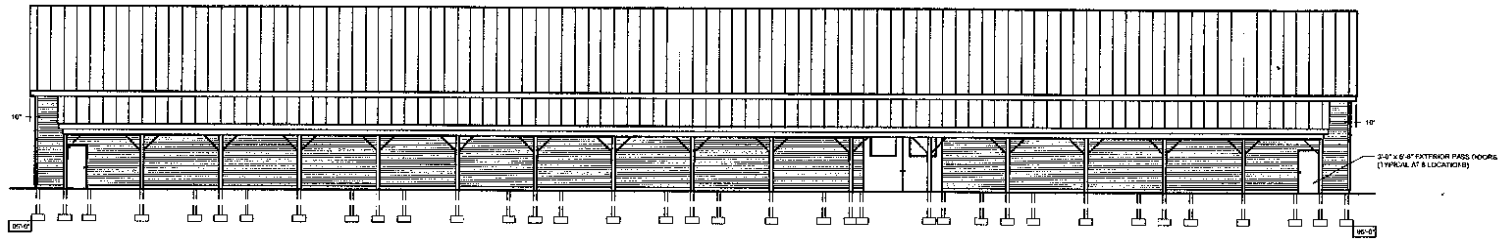
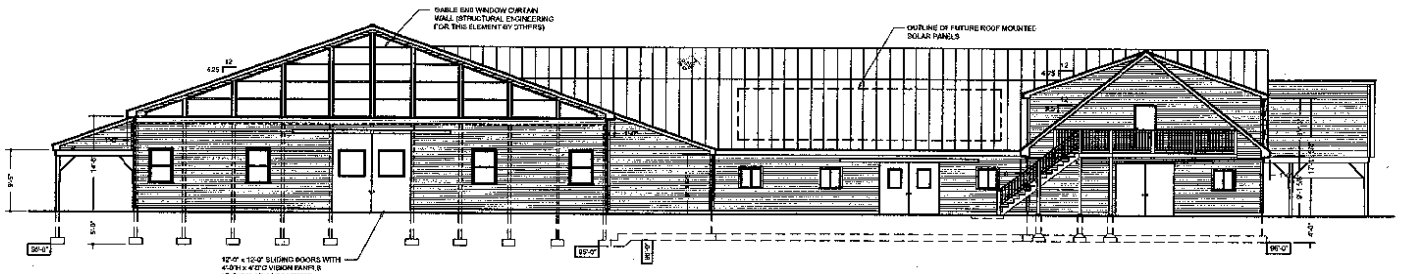


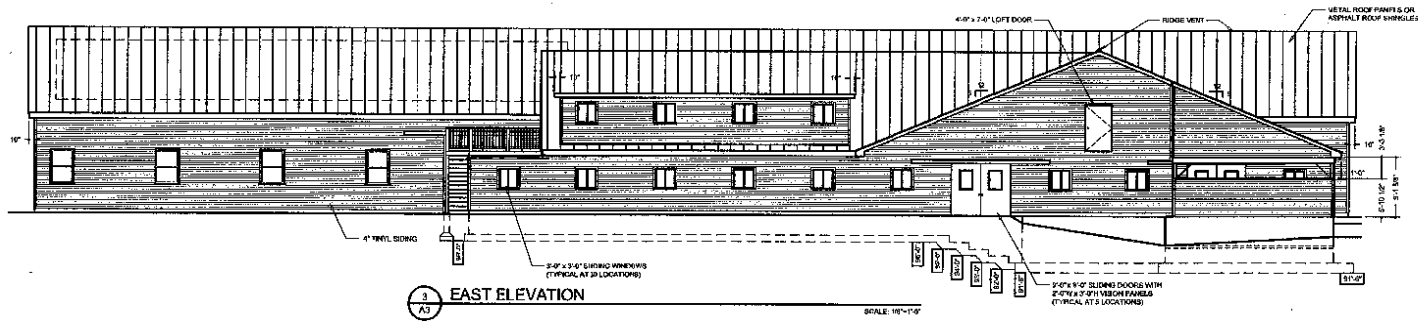
1 / A3 WEST ELEVATION

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



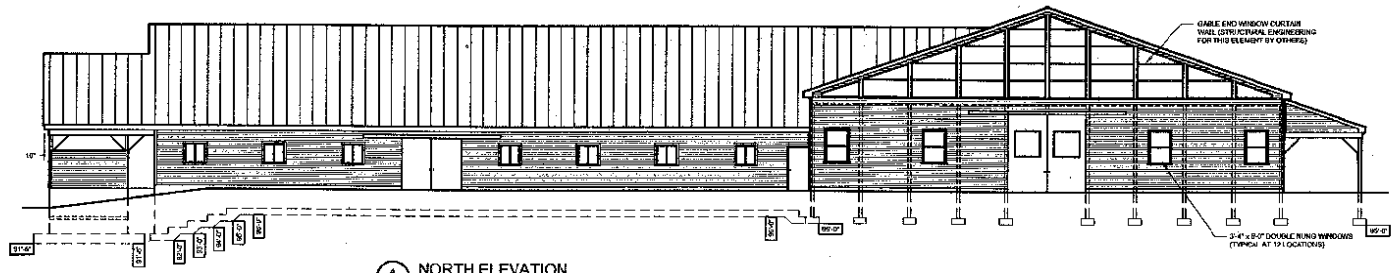
2 / A3 SOUTH ELEVATION

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



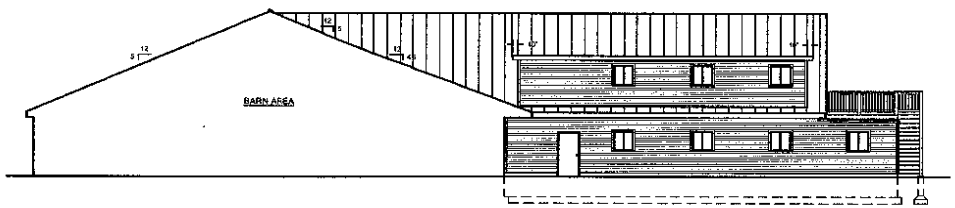
3 / A3 EAST ELEVATION

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



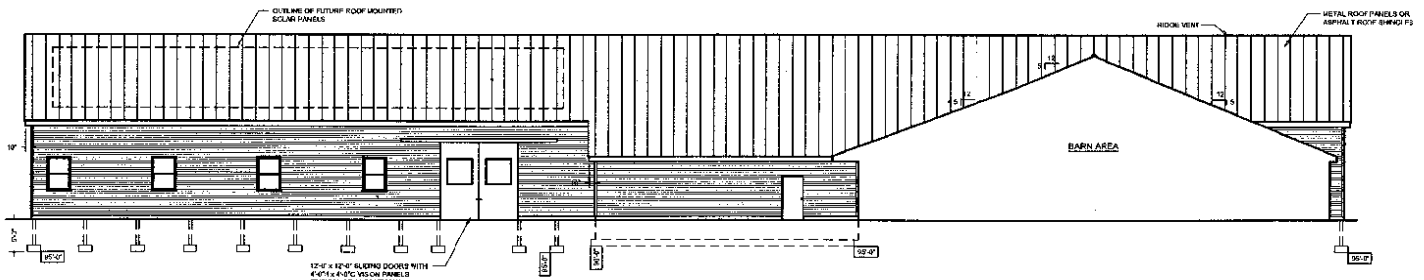
4 / A3 NORTH ELEVATION

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



1/A4 WEST ELEVATION - BARN AREA

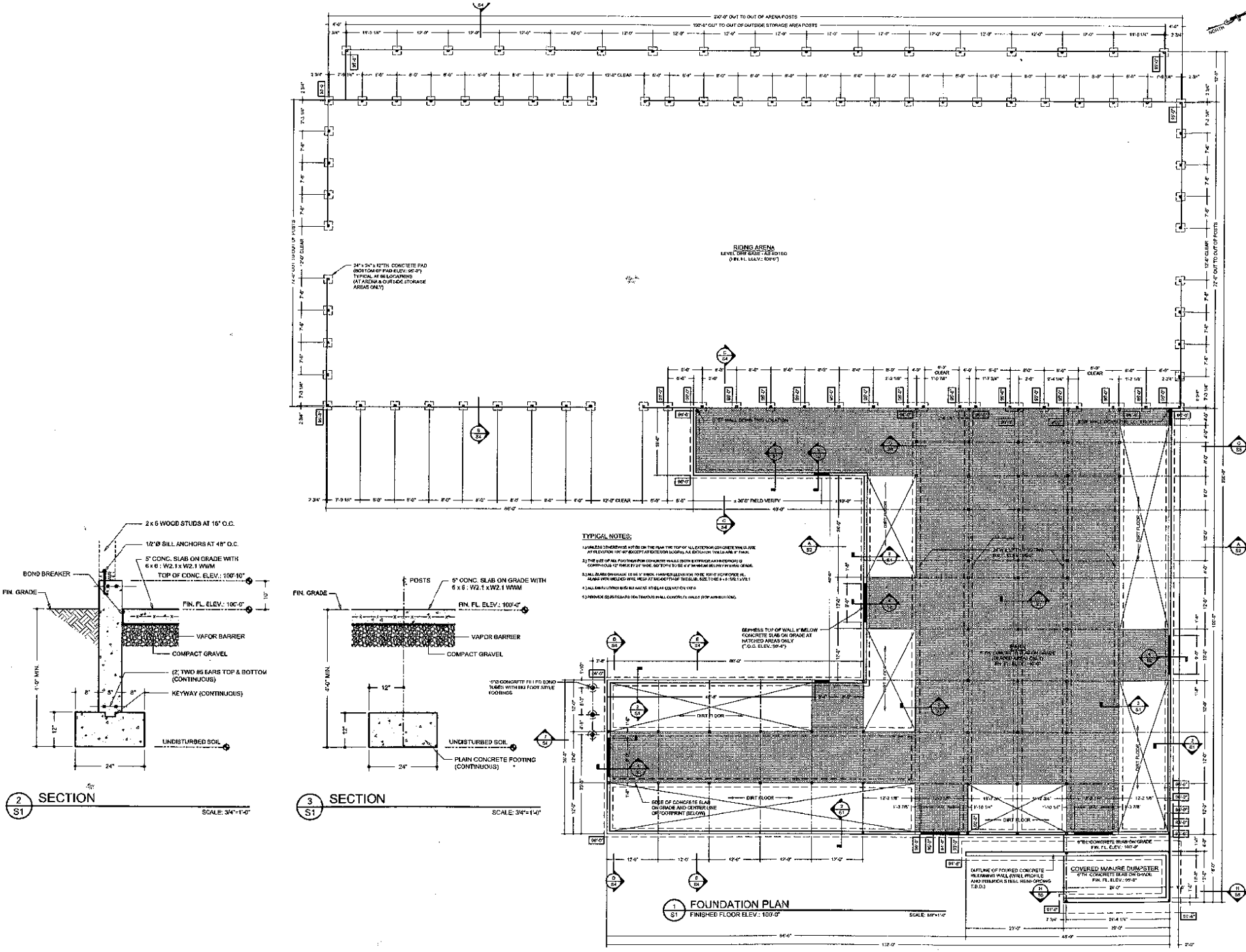
SCALE: 1/8"=1'-0"



2/A4 EAST ELEVATION - ARENA AREA

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

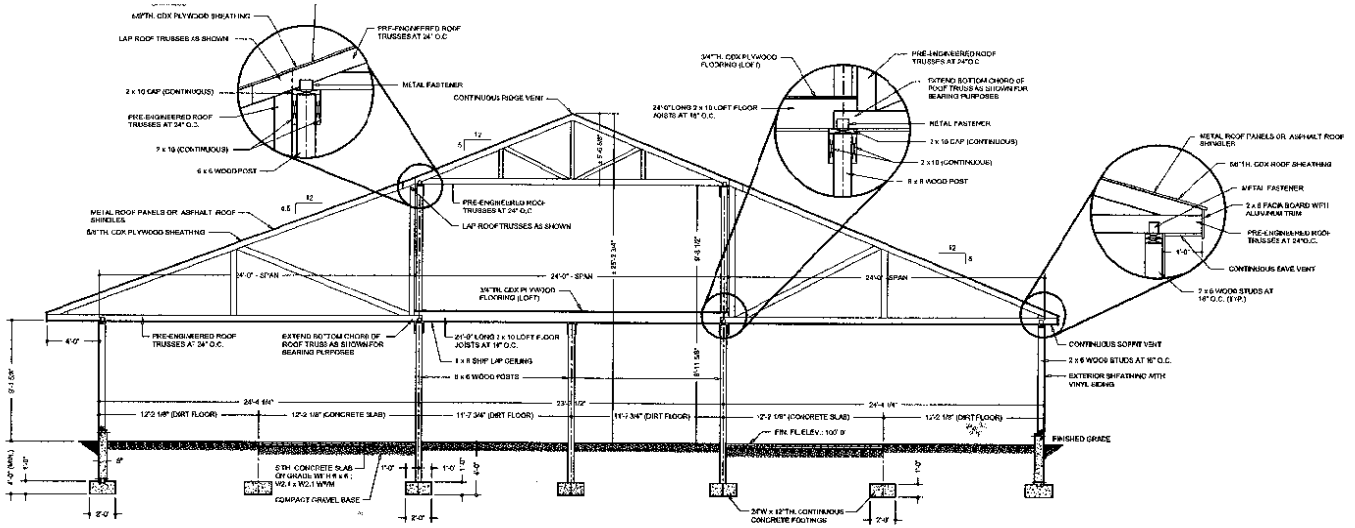
NOTE:
ALL ARENA EXTERIOR WINDOWS TO BE SUPPLIED BY GENERAL CONTRACTOR.



1 S1 FOUNDATION PLAN
FINISHED FLOOR ELEV.: 100'-0"
SCALE: 1/8"=1'-0"

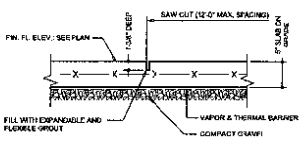
2 S1 SECTION
SCALE: 3/4"=1'-0"

3 S1 SECTION
SCALE: 3/4"=1'-0"



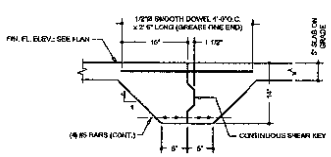
A/S2 BARN - CROSS SECTION

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



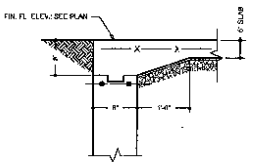
1/S2 SLAB ON GRADE CONTROL JOINT

SCALE: NONE



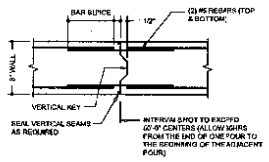
3/S2 SLAB ON GRADE CONSTRUCTION JOINT

SCALE: 1"=1'-0"



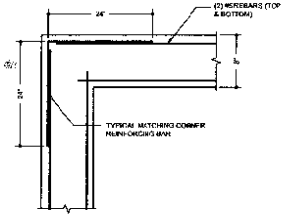
4/S2 SECTION AT DOOR

SCALE: 1"=1'-0"



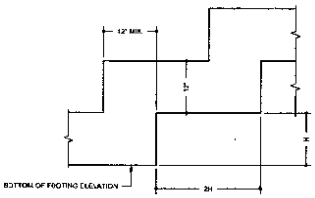
5/S2 WALL CONSTRUCTION JOINT (LOCATION BY G.C.)

SCALE: 1"=1'-0"



6/S2 HORIZONTAL WALL REINFORCING (CORNER)

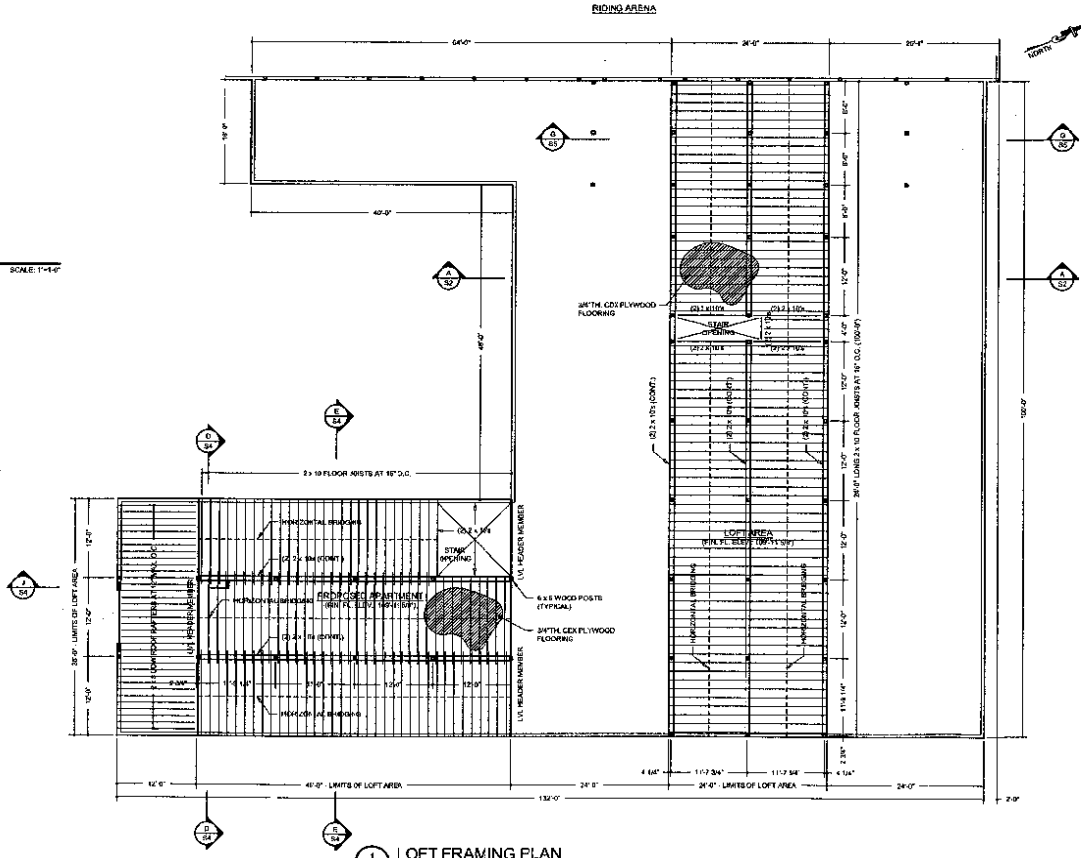
SCALE: NONE



7/S2 STEPPED FOOTING DETAIL (IF REQUIRED)

SCALE: 1"=1'-0"

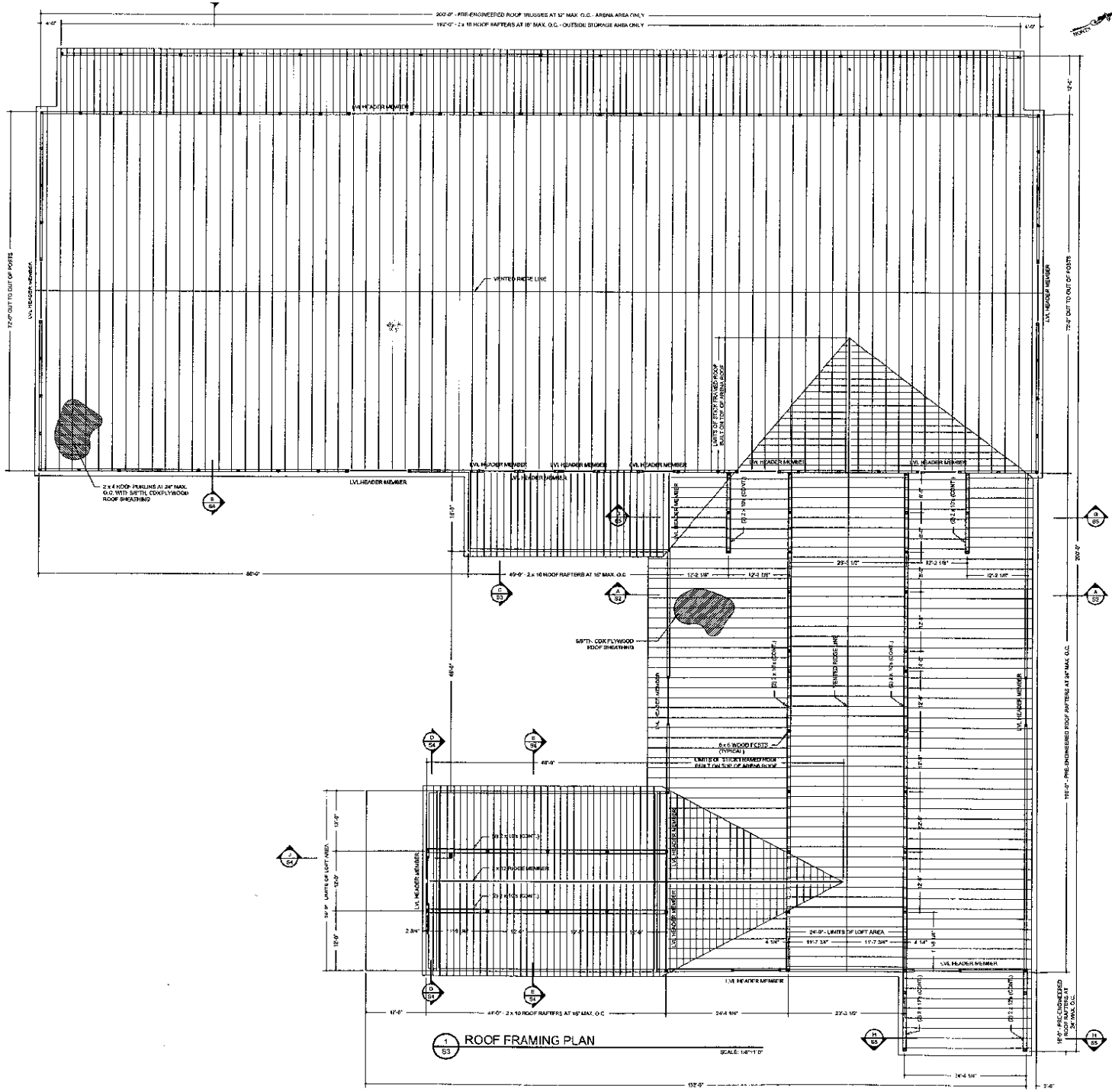
RIDING ARENA

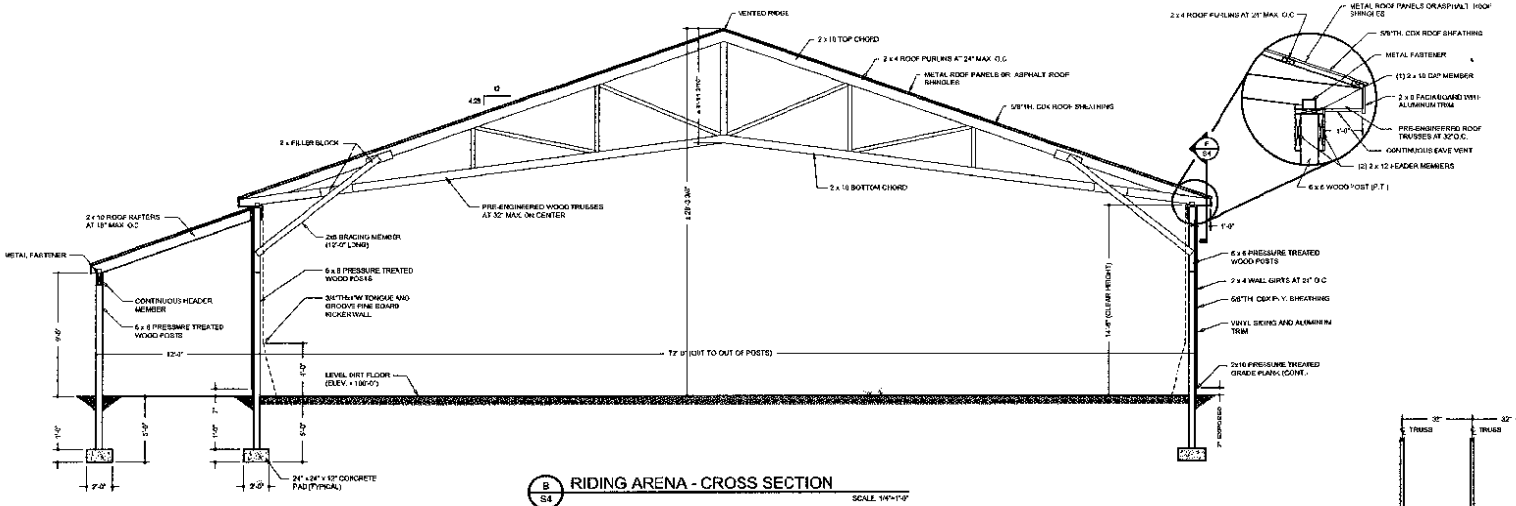


1/S2 LOFT FRAMING PLAN

FINISHED FLOOR ELEV.: 109'-11 5/8"

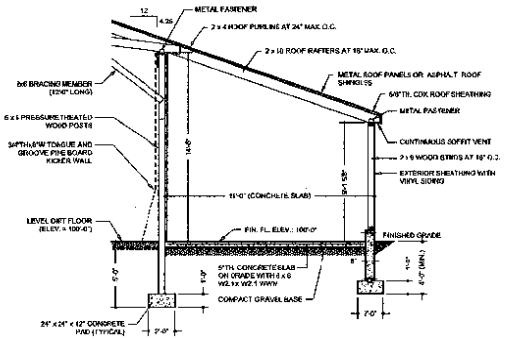
SCALE: 1/8"=1'-0"


302'-0" - PRE-ENGINEERED ROOF TRUSSES AT 12" MAX. O.C. - ARENA AREA ONLY
192'-0" - 2 x 10 ROOF RAFTERS AT 16" MAX. O.C. - OUTSIDE STORAGE AREA ONLY
LVL HEADER MEMBER
72'-0" OUT TO OUT OF POSTS
VENTED RIDGE LINE
2 x 4 ROOF PURLINS AT 24" MAX. O.C. WITH 5/8"TH. CDX PLYWOOD ROOF SHEATHING
LIMITS OF STOCK PROOF ROOF BUILT ON TOP OF ARENA ROOF
40'-0" - 2 x 10 ROOF RAFTERS AT 16" MAX. O.C
5/8"TH. CDX PLYWOOD ROOF SHEATHING
6 x 6 WOOD POSTS (TYPICAL)
24'-0" - LIMITS OF LOFT AREA
16'-0" - PRE-ENGINEERED ROOF TRUSSES AT 24" MAX. O.C.
4'-0" OVERHANG
ROOF FRAMING PLAN
SCALE: 1/8"=1'-0"



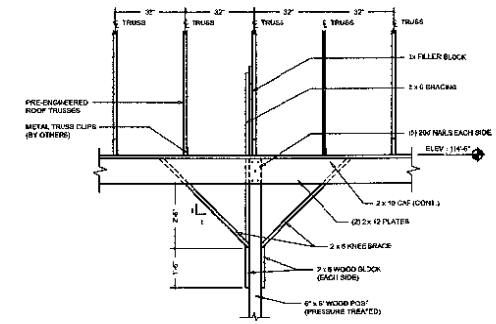
B S4 RIDING ARENA - CROSS SECTION

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



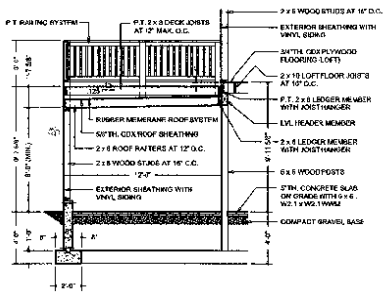
C S4 VIEWING ROOM - CROSS SECTION

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



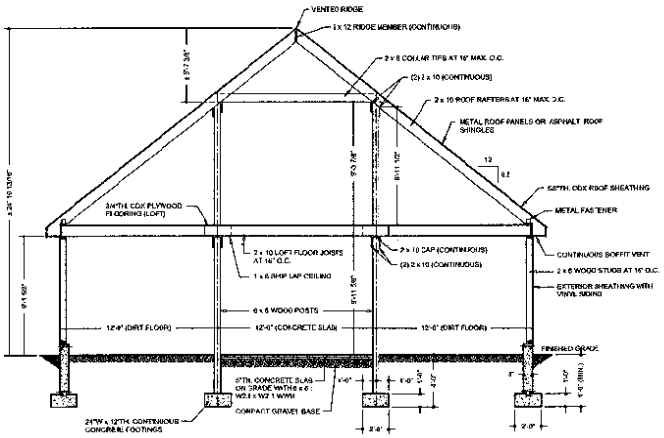
F S4 TYPICAL POST BRACING SECTION

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



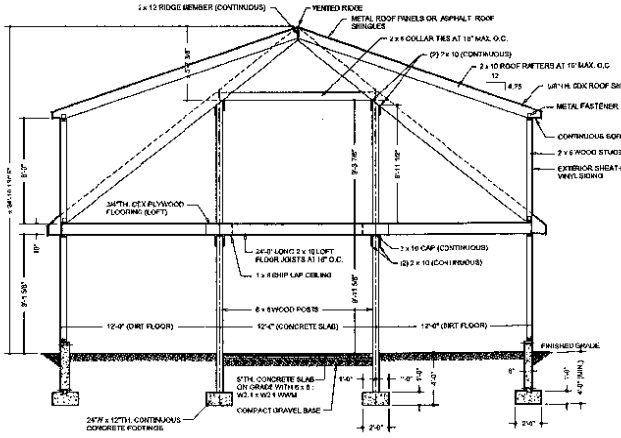
J S4 DECK - CROSS SECTION

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



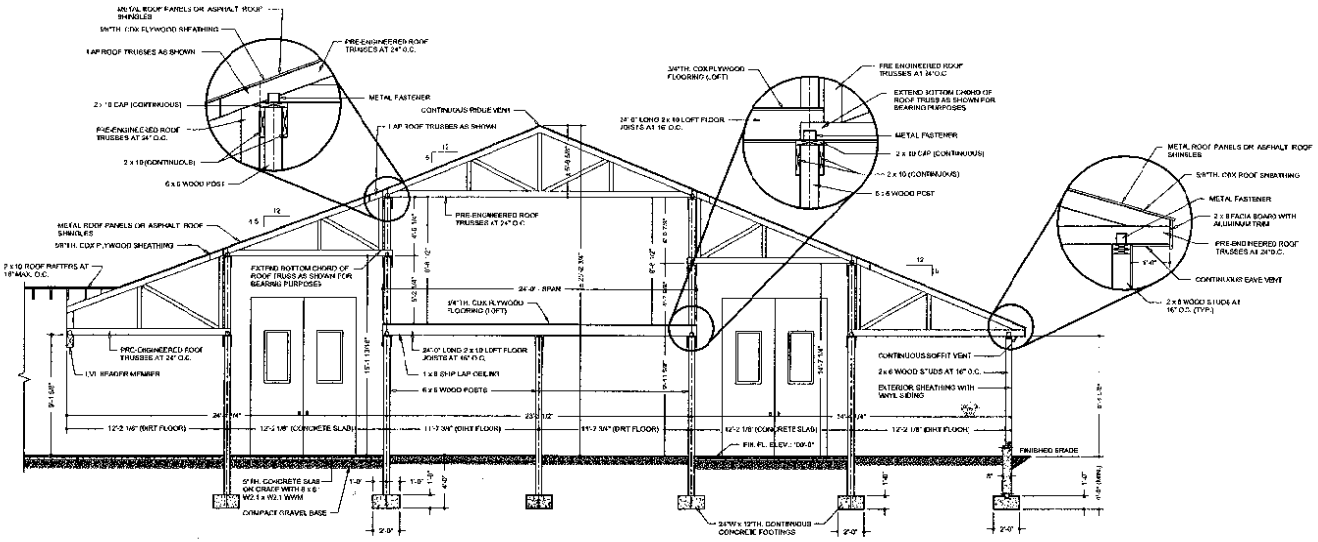
D S4 BARN - CROSS SECTION

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



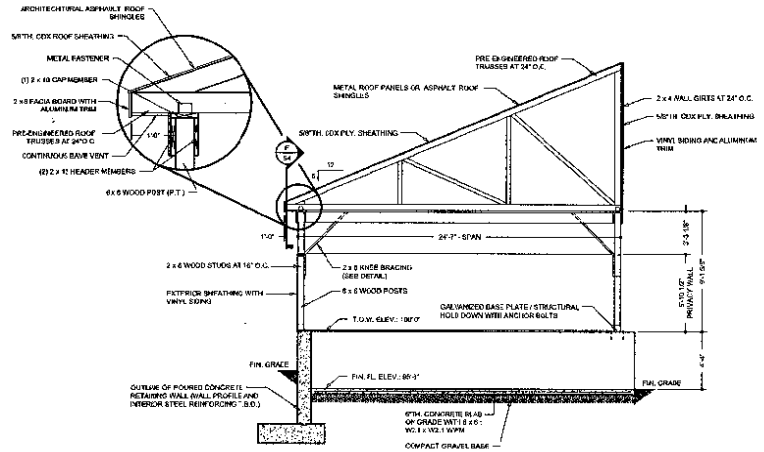
E S4 BARN - CROSS SECTION

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



G / S5 BARN - CROSS SECTION

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



H / S5 DUMPSTER BAY - CROSS SECTION

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

Roof (normal) Snow ..... 50 psf
(drifting snow) ..... Sec. 1610.6, Mass. State Code

Wind ..... 100 mph

Earthquake ..... Sec. 1612.0, Mass. State Code

Foundation

1.) General Contractor shall field verify all dimensions and elevations and shall be responsible for the same.

2.) All footings and / or punch pads shall bear on undisturbed (virgin) soil and / or supervised compact fill, free of frost. Punch pads and / or footings have been shown for a minimum allowable bearing capacity of 2-1/2 tons per square foot. The elevations shown are for estimating and are subject to revision when true conditions are revealed by excavation. Contractor shall notify Architect - Engineer of any doubtful conditions.

3.) Footing depths are subject to approval by the Architect - Engineer when poor soil, water and obstructions occur.

4.) The sub-base makeup directly under all slabs on grade shall be a 8 inch minimum layer of gravel plus vapor barrier. The vapor barrier shall be 6 mil polyethylene.

5.) All fill material shall be free from clay, rock or gravel larger than 2 inches in any dimension, debris, waste frozen materials and vegetable and other deleterious matter.

6.) The bottoms of all exterior foundation footings shall be as indicated on the plans. The bottom elevation of all new footings adjacent to or near existing ones shall be the same.

7.) The bottoms of all punch pads shall be at least 6 feet below the finished grade or as indicated on the plans. The bottom elevation of all new footings adjacent to or near existing ones shall be the same. In no case shall footings be undermined.

8.) Level changes of footings shall be one vertical to two horizontal.

9.) Prior to any excavation, all underground facilities within the work area shall be identified.

10.) No footing shall be placed on frozen ground or in water.

Concrete

1.) All concrete shall be controlled and be normal weight having a minimum compressive strength of 3,000 psi in 28 days unless noted otherwise. The minimum 28 day compressive strength of all concrete slabs on grade shall be 4,000 psi.

2.) The maximum size of aggregate is 3/4 inch diameter.

3.) Admixtures in the concrete shall not be used without the Archit-Engineers consent.

4.) When deposited, all concrete shall be thoroughly worked by means of suitable tools to avoid pockets, voids, or honeycombs.

5.) Provisions shall be made for maintaining concrete in a continually moist condition for a period of at least five (5) days after placement.

6.) All reinforcing steel rebars shall conform to ASTM A 615, Grade 60 and have a minimum yield strength of 60,000 psi. The minimum lap on all rebar splices shall be 30 bar diameters or as directed on the plans.

7.) All concrete, where possible, shall be formed. Forms shall be of wood or metal as required to produce clean, true, even surfaces and they shall be sufficiently tight to prevent leakage.

8.) All slabs on grade shall be reinforced with a single layer of welded wire fabric sheets. Refer to plan. Size of all wire fabric sheets to be 6x6-W2.1xW2.1 and shall be located at mid-depth of the slab. All welded wire fabric sheets shall conform to ASTM A-185, latest edition. Lap 6 inches at ends.

9.) All reinforcing steel rebars shall have the following concrete cover:

Walls ..... 2" from sides

10.) No horizontal and vertical pour stops are permitted in concrete foundation walls.

11.) When construction joints are used in slabs and walls, they shall be keyed.

12.) No concrete shall be subject to drops in excess of 5 feet.

Roof Trusses / Stick Framing

1.) This roof structure to be built in strict compliance with governing municipal codes (city, county, state, federal).

2.) All structural and framing members indicated are based only on species of lumber that satisfy the span.

3.) Any structural and framing members not indicated on the plan are to be sized by the contractor.

4.) All trusses to be 32 inches on center maximum at arena only. All other trusses to be 24 inches on center maximum. All trusses shall overcome size restrictions in manufacturing and / or shipping. Refer to plans. Both the top and bottom chords are to be 2" x 4" minimum.

5.) Trusses shall be sufficiently braced during construction to prevent toppling or slamming. They shall be permanently braced in a manner consistent with good building practices. All trusses shall be anchored or restrained to prevent out of plane movement so as to keep all truss members from simultaneously buckling together in the same direction.

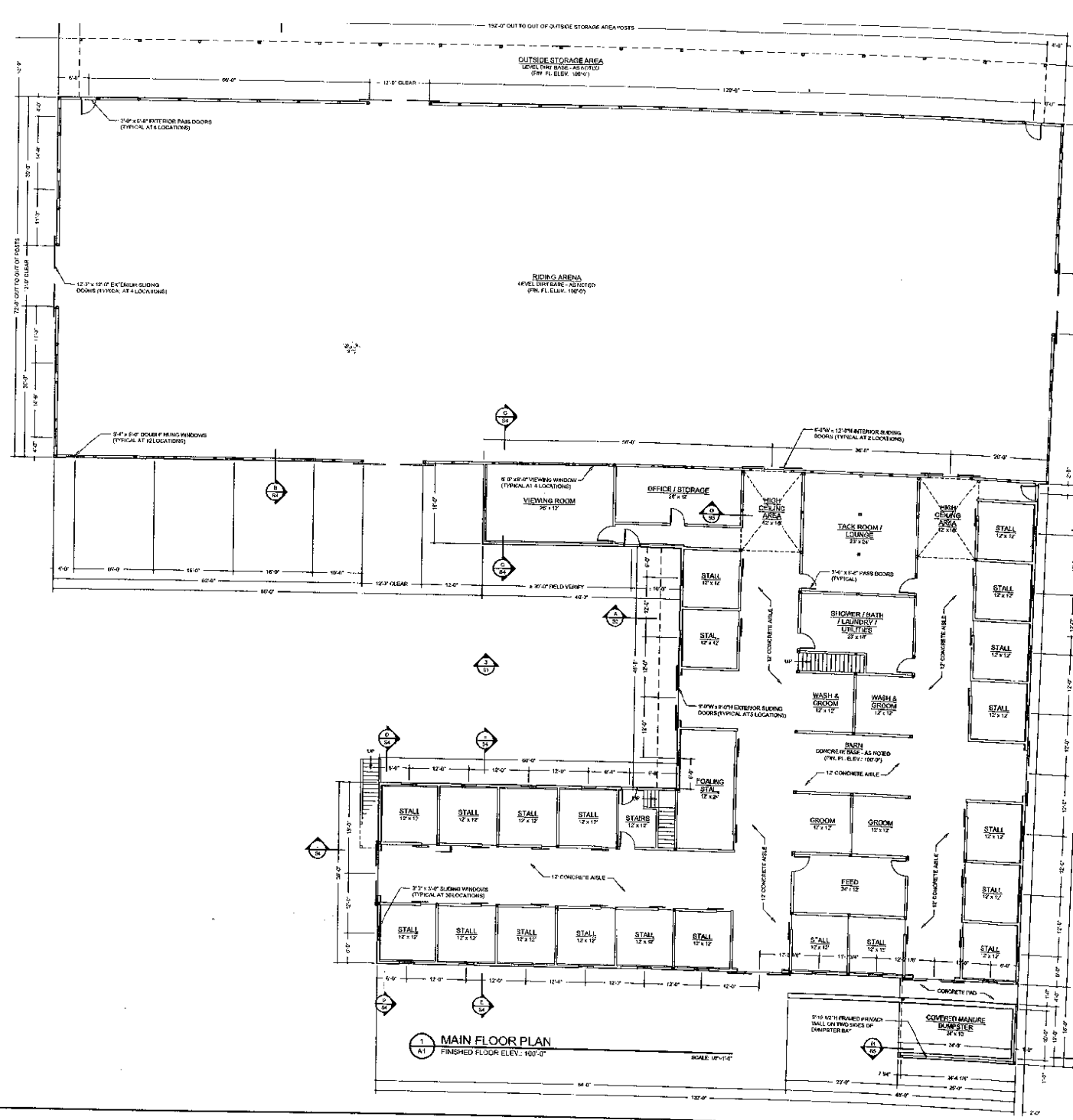
6.) The superimposed design load for the trusses shall be the following unless noted otherwise:

Top Chord (T.C.):
Snow ..... 50 psf
D.L. ..... 15 psf
Bottom Chord (B.C.):
D.L. ..... 10 psf

7.) Trusses during handling shall not be subject to excessive bending. They shall be unloaded in a manner so as to minimize lateral strain. They shall be protected from damage that might result from on-site activities and environmental conditions. Toppling shall be prevented when banding is removed. Contractor shall be responsible for the handling, erection, and temporary bracing of the trusses in a good workman like manner and all of the materials used in temporary bracing. All apparent damage to trusses, if any, shall be reported to Truss Manufacturer prior to erection. Cutting and altering is not permitted.

8.) Provide typically metal ties at both ends of trusses to bearing supports.

9.) Trusses shall be sufficiently braced during construction to prevent toppling or slamming. They shall be permanently braced in a manner consistent with good building practices. All trusses shall be anchored or restrained to prevent out of plane movement so as to keep all truss members from simultaneously buckling together in the same direction.



1.) All concrete walls to be 8"th.

2.) All footings to be 24"w x 12"th

3.) All exterior walls to be 2 x 6 wood studs at 16" on center.

4.) All interior support posts to be 6 x 6 pressure treated.

5.) All supports to be 2 x 10 unless noted otherwise on the drawings.

6.) Roof rafters to be 2 x 10 at 16" max. on center.

7.) Roof sheathing to be 5/8"th CDX plywood.

8.) Roof shingles to be 30 year asphalt type with #15 felt paper and vented ridge or factory finished steel panel roof system.

9.) 12" vented soffit overhangs at eves and 10" roof overhangs at gables.

10.) Exterior walls to be covered with vinyl siding and aluminum trim.

11.) Exterior wall sheathing to be 5/8"th. plywood.

12.) All ceilings to be 1 x 8 shiptap pine.

13.) Windows to be 3'-0" x 3'-0" sliding glass type.

14.) Install (1) 9'-0"W x 8'-0"H sliding door.

15.) Install and finish stairs up to apartment area.

16.) All windows to be 3'-0" x 3'-0" sliders.

17.) Install (1) 9'-0"W x 8'-0"H sliding doors.

18.) Floor joists to be 2 x 10 at 16" max. on center.

19.) Floor to be 3/4"th. T&G fir. plywood.

19.) All Electrical and plumbing is to be by others.

20) All alley ways to have concrete floor or rubber mats.

21.) Second Floor to have apartment which is to be completed at a later date.

22.) Install exterior stairs on gable end as a second means of egress from future apartment.

1.) All concrete walls to be 8"th.

2.) All footings to be 24"w x 12"th.

3.) All exterior walls to be 2 x 6 wood studs at 16" on center.

4.) All interior support posts to be 6 x 6 pressure treated.

5.) (2) 2 x 10 supports required at tops of all 6 x 6 support posts and will be capped with (1) 2 x 10.

6.) 1/2 mono roof trusses (2 sides) and top roof trusses to be 24" max. on center with a 5:12 roof pitch by Wood Structures, Inc.

7.) Roof sheathing to be 5/8"th. CDX plywood.

8.) Roof shingles to be 30 year asphalt type with #15 felt paper and vented ridge or factory finished steel panel roof system.

9.) 12" vented soffit overhangs at eves and 10" roof overhangs at gables.

10.) Exterior walls to be covered with vinyl siding and aluminum trim.

11.) Exterior wall sheathing to be 5/8"th. plywood.

12.) All ceilings to be 1 x 8 shiptap pine.

13.) Viewing Room, Office, Bath, Closet, Utility, Tack, and Feed Rooms to have 1 x 8 ship lap pine and trim.

14.) Install and finish stairs up to loft area.

15.) All windows to be 3'-0" x 3'-0" sliders.

16.) Install (4) 9'-0"W x 8'-0"H sliding doors.

17.) All interior pass doors to be by contractor.

18.) Septic to be by others.

19.) All Electrical and plumbing is to be by others.

20) All alley ways to have concrete floor or rubber mats.

1.) All support posts to be 6 x 6 pressure treated.

2.) 2 x 10 pressure treated plank at bottom of walls (grade).

3.) (2) 2 x 12 supports required at tops of all 6 x 6 support posts and will be capped with (1) 2 x 10.

4.) Roof trusses to be scissor type at 32" on center with a 4.25 : 2 roof pitch by Wood Structures, Inc.

5.) Roof purlins to be 2 x 4 at 24" max on center.

6.) Roof sheathing to be 5/8"th. CDX plywood.

7.) Roof shingles to be 30 year asphalt type with #15 felt paper and vented ridge or factory finished steel panel roof system

8.) 12" vented soffit overhangs at eves and 10" roof overhangs at gables.

9.) Exterior walls to be covered with vinyl siding and aluminum trim.

10.) Wall girts to be 2 x 4 a 24" max. on center.

11.) Exterior wall sheathing to be 5/8"th. plywood.

12.) All plain concrete footings / pads to be 24" x 24" x 12" th.

13.) 4'-0" high fiberglass panel windows at all four sides of arena (near top of wall).

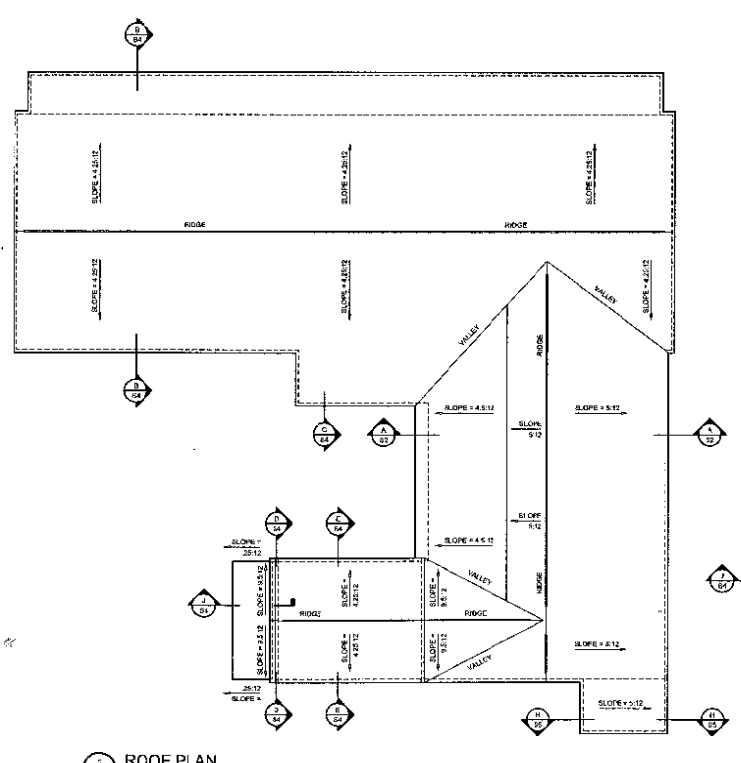
14.) Interior kickboards required (to be constructed using 1 x 6 shiplap).

15.) Gravel floor throughout arena.

16.) All Electrical and plumbing is to be by others.

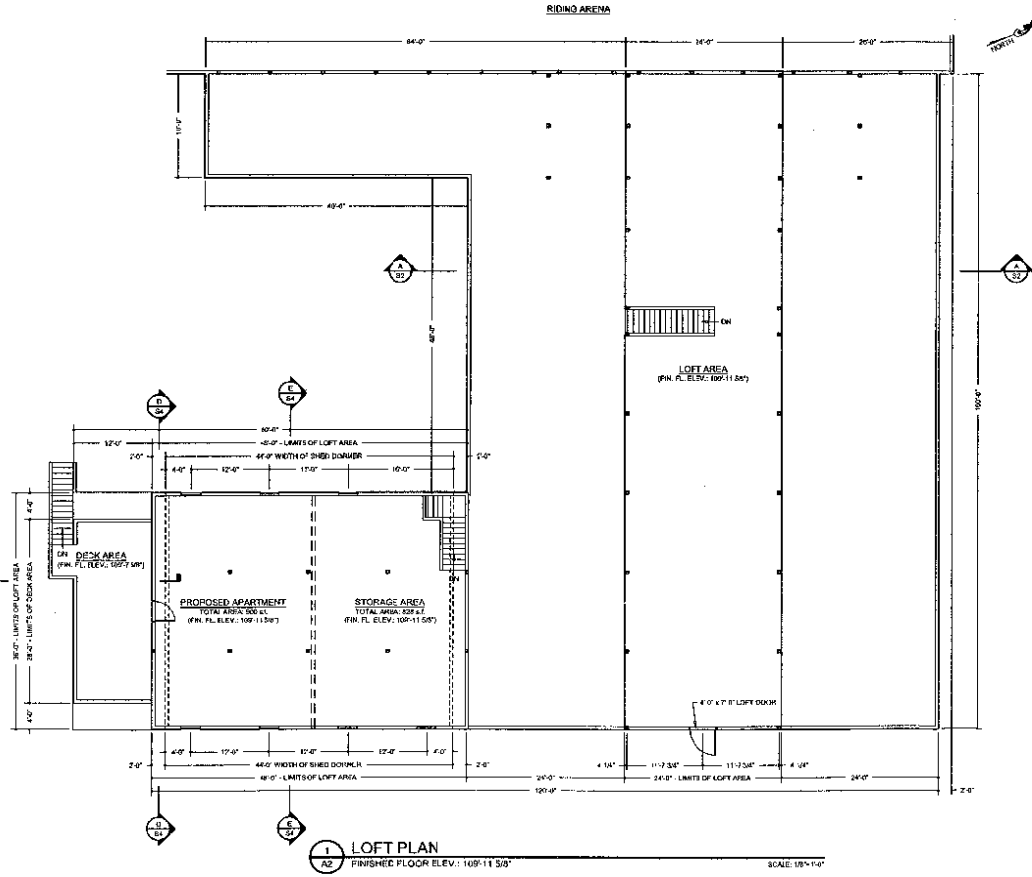
17.) Install (3) 12'-0" x 12'-0" sliding doors.

18.) Install shed roof overhang over dumpster. Final location of dumpster to be determined.



2 / A2 ROOF PLAN

SCALE: 1/16"=1'-0"



1 / A2 LOFT PLAN

FINISHED FLOOR ELEV.: 109'-11 5/8"

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