



BUILDING SPECIFICATIONS

ALL WORK GOVERNED BY STATE AND LOCAL CODES, ORDINANCES, AND REGULATIONS WHEREVER THEY MAY APPLY. DESIGNERS LIABILITY TO THE PREPARATION OF THE DRAWINGS, WITH THE PARAMETERS CONTRACTED, AND ASCERTAINING CODE COMPLIANCE.

BUILDING OCCUPANCY: CHAPTER 54, HORSE STALL FACILITY
 OWNER: LA FLEUR VAN ESS STABLES
 BUILDING ADDRESS: 3440 MEADOW ROAD
 VERONA, WISCONSIN 53593

- CONCRETE WORK:**
 ALL CONCRETE WORK SHALL OBTAIN A MINIMUM COMPRESSIVE STRENGTH OF 3,500 PSI AT 28 DAYS. SLUMP NOT TO EXCEED 4 IN.
 ALL BELOW GRADE CONCRETE, CONCRETE FOOTINGS TO BEAR ON FIRM DRY VIRGIN SOIL, OR COMPACTED GRANULAR FILL IN UNIFORM LAYERS NOT TO EXCEED 6" IN DEPTH. EACH LAYER SHALL BE UNIFORMLY SPREAD AND COMPACTED TO AT LEAST 90% OF MAXIMUM DRY DENSITY.
 THICKNESS OF CONCRETE OVER REINFORCEMENT SHALL BE:
 1.) MINIMUM 3" WHERE CONCRETE IS DEPOSITED ON GROUND
 2.) MINIMUM 1-1/2" WHERE EXPOSED TO WEATHER
 3.) MINIMUM 1-1/2" FOR ANY OTHER CONDITION
- ANCHOR BOLTS:**
 SHALL BE SIZE AS SHOWN AND SET WITH USE OF A TEMPLATE. EXPANSION ANCHORS SHALL BE DRILLED ACCORDING TO MFG'S INSTRUCTIONS, AND BOLT SIZE USED AS SHOWN.
- ROOFING:**
 29 GAUGE "WHEELING" HIGH TENSION STEEL (85,000 PSI FULL HARD) W/ SILICONIZED POLYESTER W/ SILICONIZED POLYESTER FINISH AND LONG LENGTHS. STANDARD ERECTION AND FASTENING DETAILS AS RECOMMENDED BY THE MANUFACTURER.
- SIDING:**
 SAME AS ROOFING MATERIAL.
- STEEL TRIM:**
 STANDARD CONSTRUCTION DETAIL AND PRACTICES GOVERN. ANCHOR BUILDING AND ROOF TRUSSES AS SHOWN:
 2x4, 6, 8 SYP ARE #2 GRADE OR BETTER
 2x4, 6, 10 TPP ARE #2 GRADE OR BETTER
 2x4, 6, 8, 10, 12 SYP ARE #1 GRADE, KD 19R
 2x6, 8, 10, 12 TSP ARE #1 GRADE, KD 19R
 1-3/4" WIDE "DANG-LAM" ARE #1 SYP LAMINATED LUMBER (SEE FLOOR PLAN FOR DEPTH)
 SYP = SPRUCE-PINE-FIR
 TPP = SOUTHERN-YELLOW-PINE
 TYP = PONDEROSA PINE WITH 0.4 PCF CCA TREATMENT
 TSP = SOUTHERN YELLOW PINE WITH 0.6 PCF CCA TREATMENT
- ELECTRICAL:**
 ALL WORKMANSHIP AND MATERIALS TO CONFORM TO STATE AND ELECTRICAL CODE, LOCAL ORDINANCES AND RULES OF THE POWER CO., GENERAL ILLUMINATION AND LIGHT LEVELS TO CONFORM WITH OSHA STANDARDS. (ELECTRICAL WORK TO BE DONE BY OTHERS)
 (E) = EXIT LIGHT, 6" HIGH RED/GREEN "EXIT", SWITCH AT PANEL.
 (F) = FIRE EXTINGUISHER "SENTRY" MODEL 3A-20BC WITH WALL MOUNT BRACKET TYPICAL.
- FIRE PROTECTION:**
- HVAC:**
 HVAC PLANS TO BE SUBMITTED BY HVAC CONTRACTOR. (IF REQUIRED) HVAC WORK TO BE DONE BY OTHERS.
- PLUMBING:**
 PLUMBING PLANS TO BE SUBMITTED BY PLUMBING CONTRACTOR. (IF REQUIRED) PLUMBING WORK TO BE DONE BY OTHERS.
- OVERHEAD DOORS:**
 EZ THERM R-15 INSULATED. (SEE FLOOR PLAN FOR TYPE AND SIZE) (DOORS TO BE INSTALLED BY OTHERS)
- WALKDOORS:**
 STEEL INSULATED WALKDOOR WITH LATCH GUARD AND WINSTOP.
- BARrier FREE DESIGN REQUIREMENTS:**
 IDENTIFICATION SIGNS SHALL BE PROVIDED WITH THE INTERNATIONAL SYMBOL FOR A BARRIER-FREE ENVIRONMENT AT ALL OF THE FOLLOWING AREAS:
 ACCESSIBLE ENTRANCES, TOILET FACILITIES, DRINKING FOUNTAINS AND PARKING STALLS.
- PARKING STALLS:**
 SHALL BE PROVIDED AT THE RATE OF 2% OF THE TOTAL STALLS REQUIRED. ALL STALLS TO BE MARKED WITH PAVEMENT MARKINGS AND THE REQUIRED HANDICAPPED SIGN. ALL WALKS FROM PARKING STALLS WILL BE ACCESSIBLE (WITHOUT STEPS).

DESIGN LOADS

ROOF LOAD	OVERALL SNOW LOAD = 30 PSF TOP CHORD DEAD LOAD = 5 PSF BOTTOM CHORD DEAD LOAD = 4 PSF COLLATERAL LOAD = 3 PSF
FLOOR LOAD	LIVE LOAD: NONE DEAD LOAD: NONE
WIND LOAD	TOTAL WIND LOAD = 20 PSF

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REVISIONS	COMMENTS
DATE	

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PROJECT: NEW HORSE ARENA
OWNER: LA FLEUR, VAN ESS STABLES



DRAWN BY:
GAVIN DORSCH

CHECKED:

DATE DRAWN
SEPT. 27, 2001

SCALE:
AS SHOWN

S1
SHEET OF