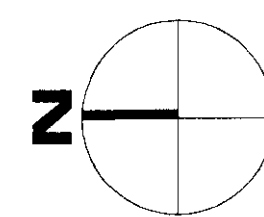


FOUNDATION PLAN

1/8" = 1'-0"



GENERAL NOTES

- NOTES:
- TOP OF FOOTING ELEVATIONS NOTED AS [-X'-XX"] RELATIVE TO 195.00'.
 - FOOTING STEP, SEE DETAIL 1/S2.1
 - TOP OF PIERS TO BE AT ELEVATION 194.33'.
 - ALL COLUMNS TO BE W12x40.
 - SLABS ON GRADE IN PARKING AND MECHANIC BAYS TO SLOPE DOWN AT 1/8" PER 1'-0" FROM REAR OF BUILDING, TO THE FRONT. SLABS ON GRADE IN CORE AND DMV AREAS TO BE FLAT.
 - INTERIOR SLABS ON GRADE HAVE IN SLAB RADIANT HEATING SYSTEM, SEE MECHANICAL DRAWINGS.
 - C.J. - CONTROL JOINT, OR CONSTRUCTION JOINT, SEE DETAIL 6/S2.1
 - FINISH SLAB IN PARKING, MECHANICAL BAYS AND CORE WITH LIGHT BROOM FINISH. FINISH OTHER AREAS WITH STEEL TROWEL.
 - SLOPE CONCRETE RAMP INTO OIL STORAGE ROOM 4" DOWN.
 - REFER TO ARCHITECTURAL DRAWINGS FOR RAISED CONCRETE MAINTENANCE PAD.
 - COORDINATE ALL WALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS.
 - CONTRACTOR OPTION TO LOCATE ALL FOOTINGS AT [-5'-0"] OR STEP UP AT INTERIOR AS SHOWN.
 - EXTERIOR WALK OFF PADS TO BE 5'x5'x6" THICK, BROOM FINISH.
 - SEE ARCHITECTURAL PLANS FOR MISCELLANEOUS HOUSEKEEPING PADS AND FLOOR DRAINS.
 - ALL BUILDING RELATED EXCAVATION, FILL, BACKFILL, AND COMPACTION WILL BE PERFORMED BY VITRANS AND COORDINATED WITH GENERAL CONTRACTOR.

STRUCTURAL DRAWING LIST

- S-1.1 FOUNDATION PLAN, BASIS OF DESIGN, NOTES, LEGEND
- S-1.2 WALL, LINTEL AND ROOF FRAMING PLANS
- S-2.1 STRUCTURAL DETAILS
- S-2.2 STRUCTURAL DETAILS
- S-3.1 STRUCTURAL DETAILS
- S-3.2 STRUCTURAL DETAILS

BASIS OF DESIGN

BUILDING CODE: 1996 BOCA CODE

DEAD LOADS:
 ROOF LOAD 20 psf

LIVE LOADS:
 ROOF SNOW LOAD 40 psf
 MEZZANINE LIVE LOAD 125 psf

SNOW LOADING:
 GROUND SNOW LOAD 40 psf
 EXPOSURE FACTOR 0.8
 IMPORTANCE FACTOR 1.2
 FLAT ROOF SNOW LOAD 40 psf

WIND LOAD:
 BASIC WIND SPEED 70 mph
 EXPOSURE CATEGORY C
 IMPORTANCE FACTOR 1.15

SEISMIC LOADING:
 SEISMIC HAZARD EXPOSURE GROUP III
 SEISMIC PERFORMANCE CATEGORY C
 Av 0.15
 Cs 0.0833
 SOIL BEARING CAPACITY 3000psf

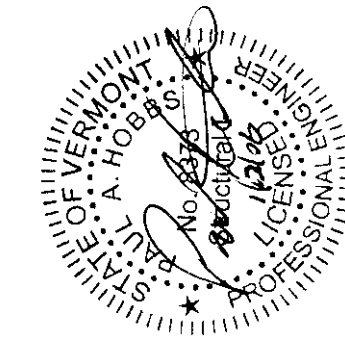
ABBREVIATIONS

AB	ANCHOR BOLT	NS	NEAR SIDE
AFF	ABOVE FINISH FLOOR	oc	ON CENTER
AL	ALUMINUM	P#	PIER DESIGNATION
BOF	BOTTOM OF FOOTING	PL	PLATE
DWG	DRAWING	SS	STAINLESS STEEL
ELEV	ELEVATION	STD	STANDARD
EF	EACH FACE	TOC	TOP OF CONCRETE
ES	EACH SIDE	TOF	TOP OF FOOTING
EW	EACH WAY	TOS	TOP OF STEEL
EQ	EQUAL	TOSHELF	TOP OF SHELF
EX	EXISTING	TOW	TOP OF WALL
F#	FOOTING DESIGNATION	TYP	TYPICAL
FND	FOUNDATION	UNO	UNLESS NOTED OTHERWISE
FS	FAR SIDE	VIF	VERIFY IN FIELD
NIC	NOT IN CONTRACT		

DRAWING LEGEND

NOTE: NOT ALL SYMBOLS AND NOTATIONS USED

	NORTH ARROW		FOOTING STEP
	ELEVATION		OPENING
	TOP OF FOOTING ELEVATION		CONCRETE
	SECTION NUMBER DRAWING WHERE SHOWN		GROUT or FINE CRUSHED GRAVEL
	DECK SPAN DIRECTION OR GRATING DIRECTION		GRATING
	SLOPE DIRECTION, and MAGNITUDE		LEDGE/ROCK
	BEAM/COLUMN SPLICE		3/4" CRUSHED STONE
	ROOF PITCH		COMPACTED GRANULAR FILL
	MOMENT CONNECTION		RIGID INSULATION
	GUARDRAIL/RAILING		WOOD
	BEARING/SHEAR WALL DESIGNATION		UNDISTURBED SUBGRADE
	BEAM DESIGNATION		CMU BLOCK
	JOIST DESIGNATION		BRICK
	HEADER DESIGNATION		EXPANSION JOINT
	SHEAR WALL DESIGNATION		



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 AGENCY OF ADMINISTRATION
 MONTPELIER, VERMONT

AGENCY OF TRANSPORTATION
 N. FERRISBURGH MAINTENANCE FACILITY
 NORTH FERRISBURGH VERMONT

REVISIONS	SCALE: 1/8" = 1'-0"
	DATE: 01/04/06
	DRAWN BY: JML
	APPR. BY:

N. FERRISBURGH
 MAINTENANCE GARAGE
 FOUNDATION PLAN