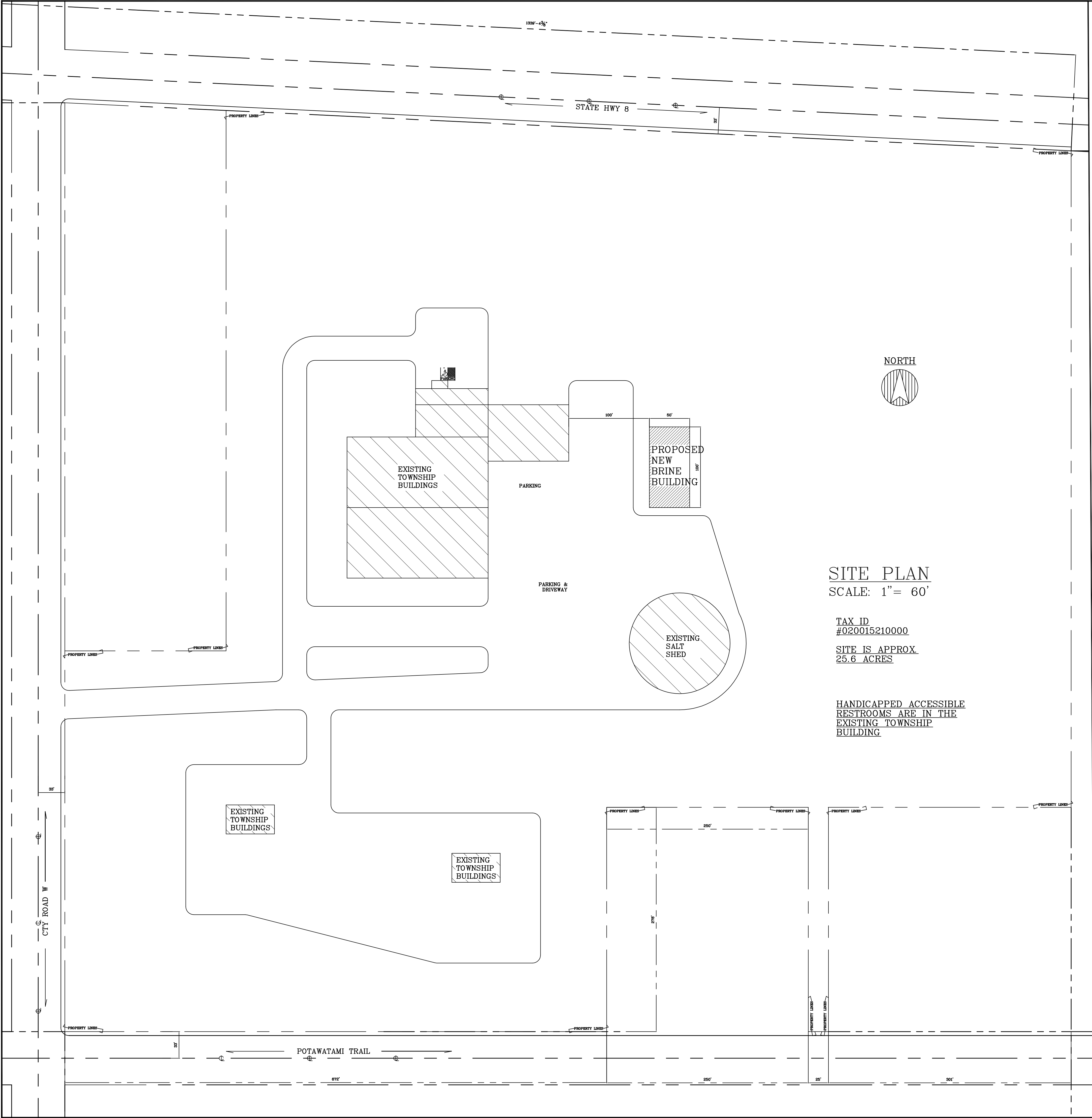




SITE PLAN
SCALE: 1"= 60'

TAX ID
#020015210000
SITE IS APPROX.
25.6 ACRES

HANDICAPPED ACCESSIBLE
RESTROOMS ARE IN THE
EXISTING TOWNSHIP
BUILDING

BUILDING DESIGN PROFESSIONAL'S SEAL

CONSTRUCTION NOTES

HANDICAPPED ACCESSIBLE RESTROOMS ARE IN THE EXISTING TOWNSHIP BUILDING

NOTE: Building Owner willl provide a separate room or designated space within or adjacent to the building for the separation, temporary storage and collection of recyclable materials that are likely to be generated by the building occupants. Flammable or combustible material storage shall comply with ch. SPS 314. Flammable or combustible liquid storage shall comply with ch. SPS 310.

OCCUPANCY: STORAGE GROUP S-1 MEDIUM HAZARD
CONDITIONED SPACE

TYPE VB COMBUSTIBLE UNPROTECTED CLASS OF CONSTRUCTION
BUILDING IS 5,000 SF ONE STORY HEATED UNSPRINKLERED WOOD LADDER FRAME BUILDING.

DESIGN LOADS

SNOW LOAD	GROUND SNOW LOAD (Pg) =	60 PSF	
	SNOW EXPOSURE FACTOR (Ce) =	1.0	
	SNOW LOAD IMPORTANCE FACTOR (Is0 =	1.0	
	ROOF THERMAL FACTOR (Ct =	1.1	
	FLAT ROOF SNOW LOAD =	46.2 PSF	
	SLOPED ROOF / FLAT ROOF FACTOR (Ps) =	.93	
	BALANCED SNOW LOAD =	43.1 PSF	
	UNBALANCED SNOW LOAD, WINDWARD SIDE =	12.9 -.3 •Ps	
	UNBALANCED SNOW LOAD, LEEWARD SIDE =	66.4	
	ROOF TRUSS DESIGN	TOP CHORD LIVE LOAD =	33.1 PSF
TOP CHORD DEAD LOAD =		5 PSF	
BOTTOM CHORD DEAD LOAD =		5 PSF	
WIND LOAD	90 MPH WIND, WIND EXPOSURE =	C	
	WIND IMPORTANCE FACTOR (I) =	1.0	
	BUILDING ENCLOSURE TYPE =	ENCLOSED	
	INTERNAL PRESSURE COEFFICIENT =	±.016	
	COMPONENT & CLADDING DESIGN PRESSURE =	+19.2, -20.8 PSF	
SEISMIC LOAD	SEISMIC IMPORTANCE FACTOR (I_e) =	1	
	SITE CLASS =	D	
	SEISMIC DESIGN CATEGORY =	A	
	SPECTRAL RESPONSE COEFFICIENTS: S_ds =	4.9%	
	S_d1 =	4.3%	
CONCRETE REQUIREMENTS	SLAB ON GRADE COMPRESSIVE STRENGTH MINIMUM PSI @ 28 DAYS =	3500 PSI	
	FOOTING FOUNDATIONS COMPRESSIVE STRENGTH MINIMUM PSI @ 28 DAYS =	3500 PSI	
	WALL COMPRESSIVE STRENGTH MINIMUM PSI @ 28 DAYS =	3500 PSI	
	CONCRETE REINFORCING STEEL - Fy (ASTM A615, GRADE 60 =	60000 PSI	
	SOILS INFORMATION	CLASS OF MATERIALS =	4 FIRM
	ALLOWABLE SOIL BEARING PRESSURE =	3000 PSF	

SHEET INDEX

PAGE	CONTENTS
1 OF 4	DESIGN LOADS, PLOT PLAN
2 OF 4	FOUNDATION PLAN & DETAILS
3 OF 4	FLOOR PLAN & SCHEDULES
4 OF 4	ELEVATIONS & CROSS SECTION

SCALE: Noted

DATE: 11Jan18

NAME: BL

DWG. NO: 17-297

REVISIONS: 27DEC17 24JAN18

PROPOSED NEW LADDERFRAME BRINE SHED FOR
FOREST COUNTY
HIGHWAY DEPARTMENT
5350 COUNTY ROAD W, CRANDON WI 54520

BESTIMATE LLC

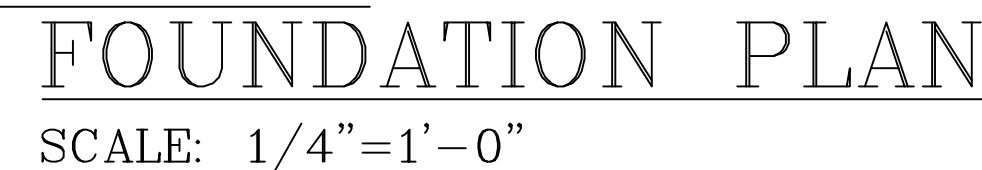
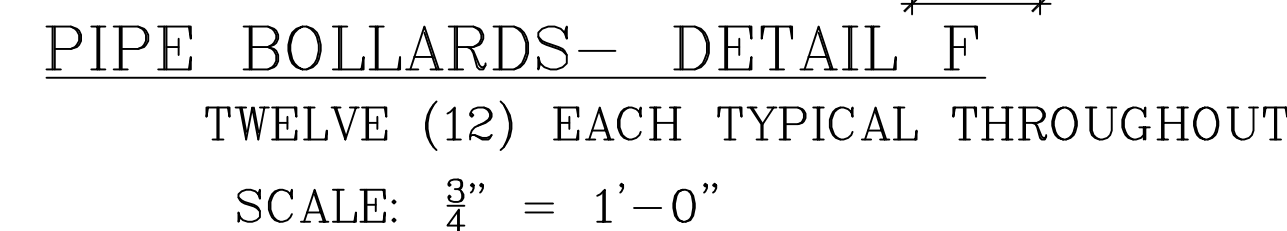
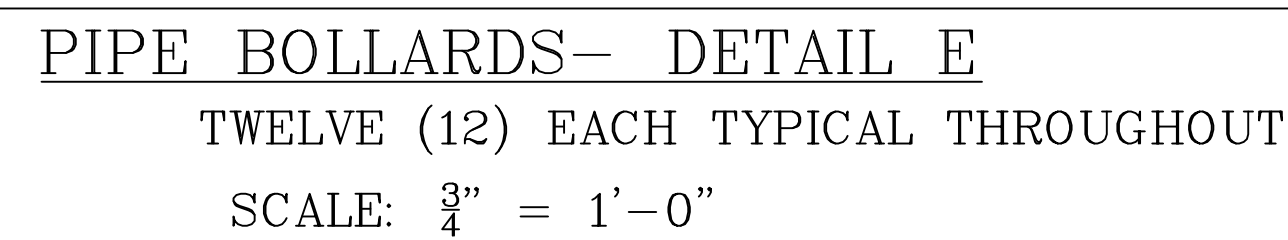
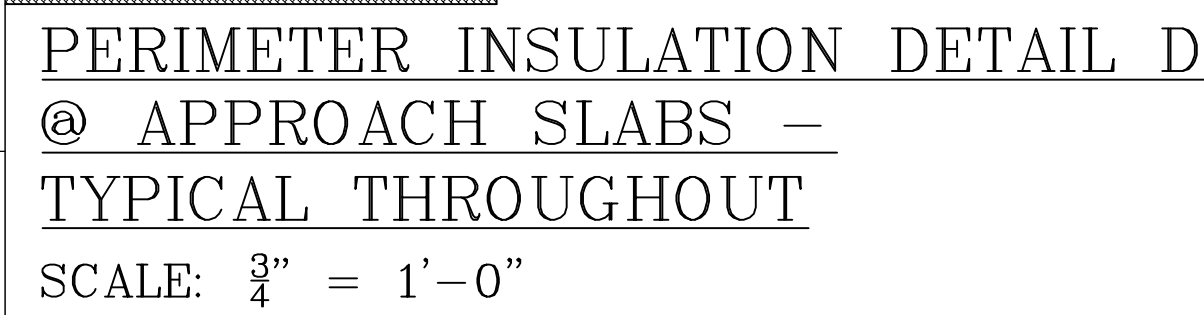
http://bestimatellc.com

714 E Ninth St
Marshfield, WI 54449

ForrestCtyBrineShed

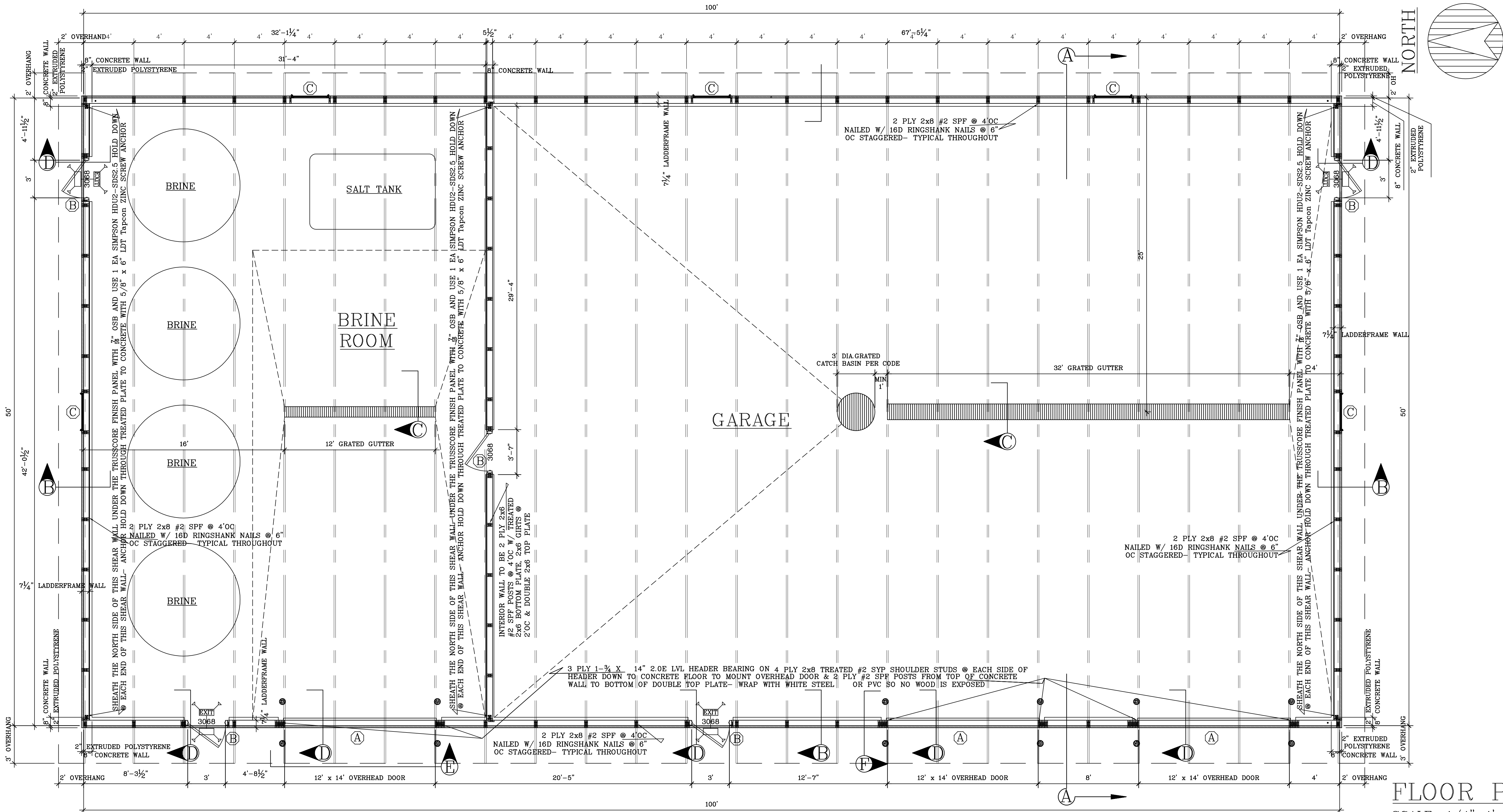
StateApproval 11Jan18

PAGE NO: 1 of 4



ROOM FINISH SCHEDULE							
DESCRIP TION	FLOOR	BASE	WALL	CEILING	TRIM	CEILING HEIGHT	REMARKS
BRINE ROOM	SEALED CONCRETE	PVC CHANNEL	TRUSSCORE $\frac{1}{2}$ " x 16" T&G FLAT WHITE PVC PANELS	AG-TUFF UV 9" OC CORRUGATED PVC LINER PANEL- .039 THICKNESS	MATCHING VINYL	16'-0"	
GARAGE	SEALED CONCRETE	WHITE STEEL	29 G WHITE STEEL	29 G WHITE STEEL	WHITE STEEL	16'-0"	

WINDOW & DOOR SCHEDULE							
MARK	TYPE	SIZE	DESCRIPTION	FRAME	GLASS	FIRE RATING	REMARKS
A	OVERHEAD DOOR	12'-0" X 14'-0"	THERMALLY BROKEN 2" STEEL INSULATED PANELS	WOOD FRAME	NONE	NONE	COMMERCIAL DUTY OPERATOR & 3 BUTTON INTERIOR WALL SWITCH
B	EXIT DOOR	3'-0" X 7'-0"	18 G. GALVANIZED STEEL INSULATED SLAB	16G. GALVANIZED STEEL FRAME	NONE	NONE	STANDARD EXIT HARDWARE & CLOSER
C	WINDOW	3'-0" X 3'-0"	VINYL STATIONARY WINDOW	VINYL	INSULATED LOW-E	NONE	TOP OF WINDOW @ 15' ABOVE FINISH FLOOR



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

SCALE/NOTED	11jan18
DATE/	BL
NAME/	
DWG. NO./	17-297
CAD FILE/	ForrestCtyBrineShed
REV/ISSUES	StateApproval 11jan18
27DEC17	25JAN18

PROPOSED NEW LADDERFRAME BRINE SHED FOR
FOREST COUNTY
HIGHWAY DEPARTMENT
5350 COUNTY ROAD W, CRANDON WI 54520



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