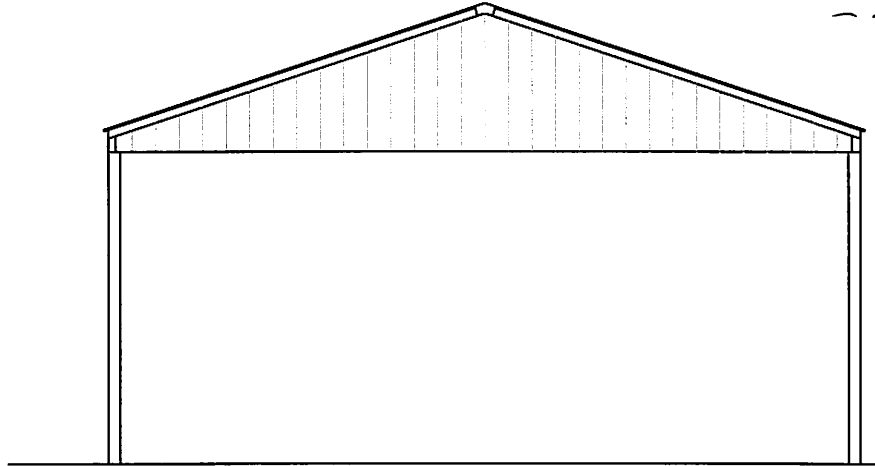


ROPER BUILDINGS

YOUNG BUILDING



DESIGN CRITERIA	
GOVERNING CODE:	2010 IBC, ASCE 7 RISK CATEGORY: I
LIVE LOADS:	ROOF: 30 PSF
1. SNOW LOAD:	GROUND F _s : 43 PSF ROOF F _s : 30 PSF + DRIFT P _s : 30 PSF C _e : 0.85 C _d : 1.0 C _e : 1.1 I: 0.8
2. WIND:	DESIGN SPEED: 150 MPH, 3 SEC. GUST EXPOSURE: C
3. SOILS:	SDC: D R: 1.5 OR 7.0 (PW) ± 1.0 SITE CLASS: D (ASSUMED) S _w : 1.30 S _{mi} : 0.88 S _{ms} : 0.88 FORCE RESISTING SYSTEM: CANTILEVERED POSTS OR WOOD SHEAR WALL W/ CORR. METAL SHEATHING ANALYSIS PROCEDURE: SIMPLIFIED (IBC 12.14.6)
4. SOIL BEARING:	ALLOWABLE PRESSURE ON NATIVE SOIL: 1500 PSF (ASSUMED)
5. DEAD LOADS:	ROOF: 3 PSF FLOOR: 10 PSF WALL: 3 PSF CONCRETE: 145 PSF (TCS, FOUND, ETC)

CONC. FOUNDATION PIERS	
SIZE (MINIMUM):	24" DIAMETER X 36" DEEP SEE FOOTING PLAN.
REINFORCEMENT:	NO PIER REINFORCEMENT.

SOILS AND EXCAVATION NOTES	
UNIFIED SOIL CLASSIFICATION: NO SOILS REPORT PROVIDED. STABLE SOIL CHARACTERISTICS ASSUMED.	
ALLOWABLE BEARING PRESSURE: 1500 PSF (ASSUMED)	
GEOTECHNICAL HAZARDS FOUND ON OR AROUND THE SITE, INCLUDING EXPANSIVE CLAYS, OR SOILS FOUND AT THE SITE WHILE EXCAVATION OCCURS MUST BE BROUGHT TO THE ATTENTION OF THE BUILDING OFFICIAL AND ENGINEER.	
THE STRUCTURAL ENGINEER OF RECORD IS NOT RESPONSIBLE FOR DIFFERENTIAL FOOTING SETTLEMENT DUE TO INCONSISTANT OR UNSTABLE SOIL QUALITY.	

CONCRETE AND REINFORCEMENT NOTES	
CONCRETE MIN. 28 DAY STRENGTH (F ^o C) W/ NORMAL 145 PCF DENSITY:	
1. FOOTINGS:	3000 PSI
2. SLABS ON GRADE:	3500 PSI REQUIRED (4000 PSI RECOMMENDED) ALL SLABS PROVIDE A MIN. THICKNESS OF 4" W/ 4" DEEP MIN. CRUSHED GRAVEL BASE. PROVIDE 1" DEEP CONTRACTION / CONSTRUCTION JOINTS NO FURTHER THAN 10' APART IN ANY DIRECTION.

GENERAL CONTRACTOR:	
ROPER BUILDINGS	
CONTACT:	DAN SCARBROUGH
PHONE:	801-540-5588

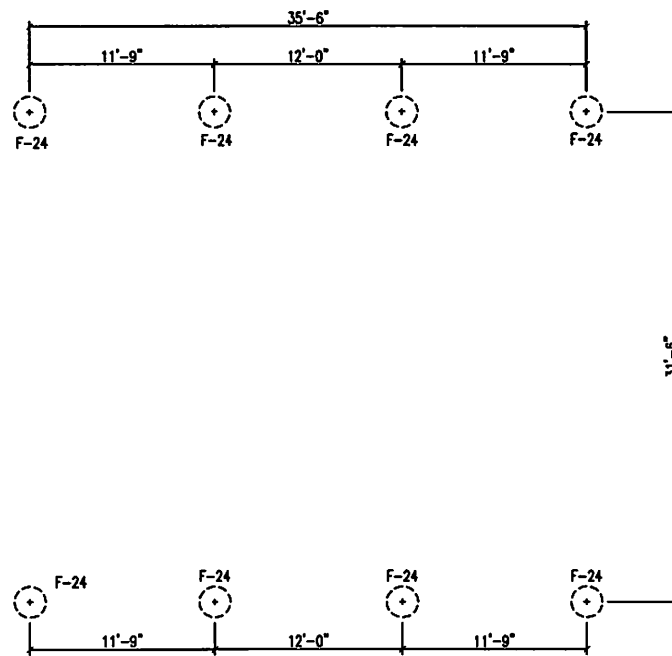
CONSULTING STRUCTURAL ENGINEER:	
PRICE ENGINEERING	
CONTACT:	KYLE PRICE
PHONE:	801-771-0542
DRAFTER:	
LAKMAN DESIGNS	
CONTACT:	TIM LAKMAN
(801) 205-0382	

REVIEW DATE:	04/25/18
APPROVAL:	
ENGINEERED:	

PROJECT INFORMATION:	
CARSON YOUNG	
1958 EAST 3850 NORTH	
EDEN, UTAH	

BUILDING INFORMATION:	
MAIN BLDG DIM:	32'x36'
MAIN BUILDING:	1152
TOTAL SQ. FT.:	1152

DRAWING INDEX:	
00	COVER SHEET
01	FOUNDATION PLAN
02	FLOOR PLAN
03	ROOF PLAN
04	ELEVATIONS
05	GIRT WALL PLAN
06	PANEL LAYOUT
07	DETAILS
08	DETAILS
09	DETAILS



FOUNDATION PLAN

FOOTING/FOUNDATION NOTES

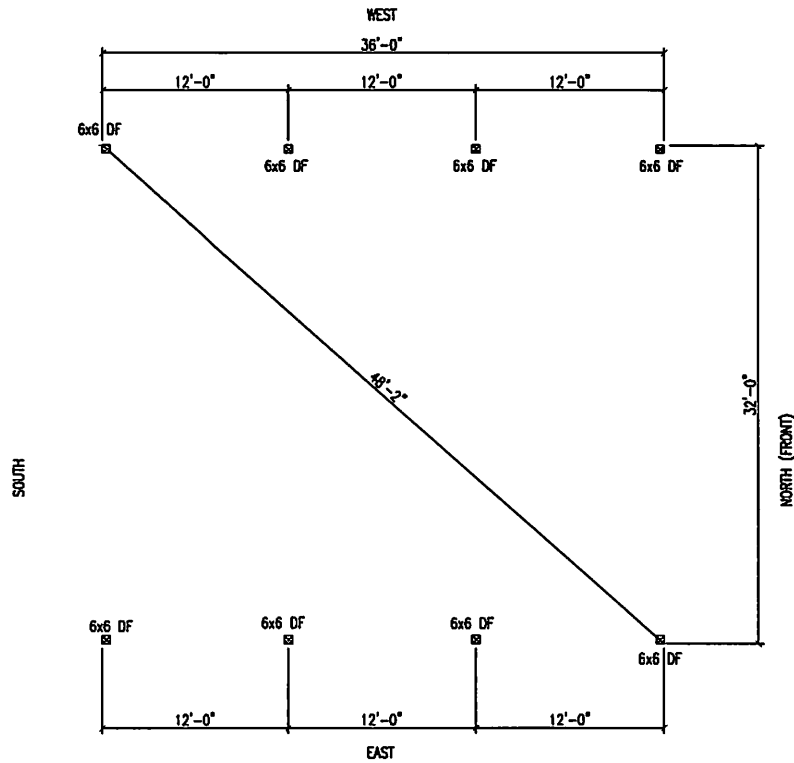
F24: 24" DIA. x 48" DEEP CONCRETE PIER

ROPER BUILDINGS
 DAN SCARBROUGH
 (801) 540-3565

YOUNG BUILDING
 1958 EAST 3850 NORTH
 EDEN, UTAH

DATE: 04-23-18
 SCALE: 1/8"=1'-0"
 JOB: YOUNG

SH:DET:
01

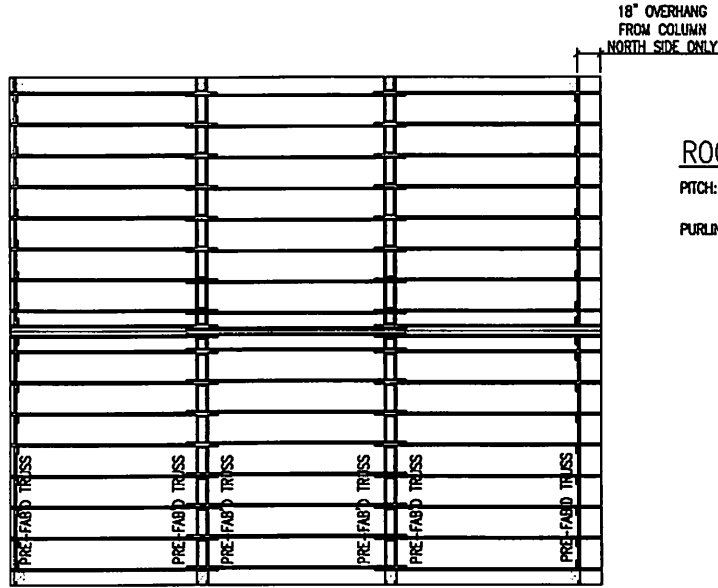


FLOOR PLAN

COLUMN AND FRAMING NOTES

6x6: 6x6 DF-L #1 TREATED POST
 TREATED FOR DECAY RESISTANCE
 AND RATED FOR GROUND CONTACT
 OR PERMANENT FOUNDATION USE.
 EMBED IN CONCRETE PIERS PER PLAN.

ROPER BUILDINGS DAN SCARBROUGH (801) 540-5565
YOUNG BUILDING 1958 EAST 3850 NORTH EDEN, UTAH
DATE: 04-23-18 SCALE: 1/8"=1'-0" JOB: YOUNG SHEET:
02



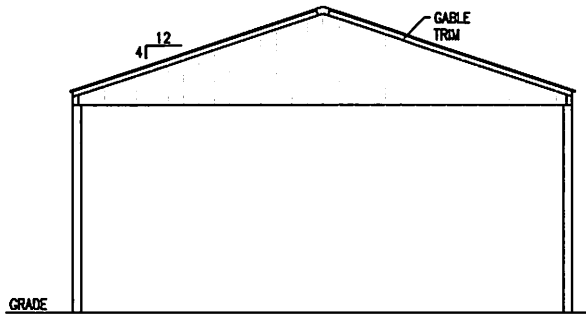
ROOF FRAMING NOTES:

PITCH: 4:12 ROOF PITCH

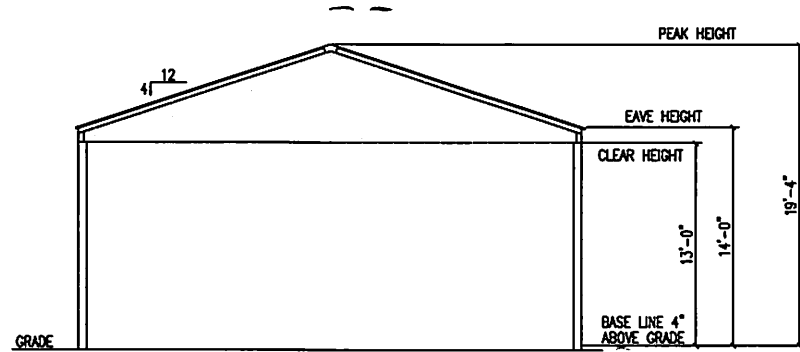
PURLINS: 2x6 DF-L #2 AT 24" ON CENTER
OVERLAPPED 10" MIN. STARTING
5" MAX. FROM RIDGE LINE

ROOF PLAN

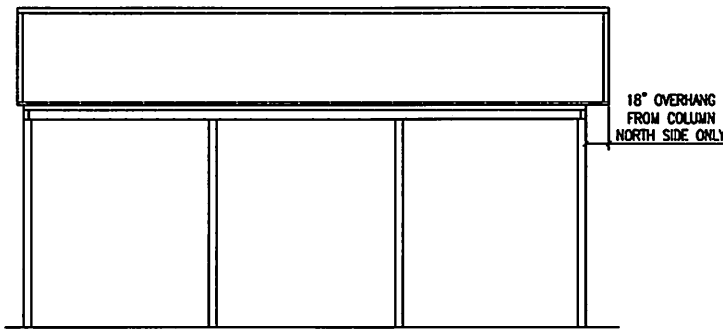
	<p>ROPER BUILDINGS DAN SCARBROUGH (801) 540-5585</p>
<p>YOUNG BUILDING 1956 EAST 3850 NORTH EDEN, UTAH</p>	<p>DATE: 04-25-18 SCALE: 1/8"=1'-0" JOB: YOUNG SHEET: 03</p>



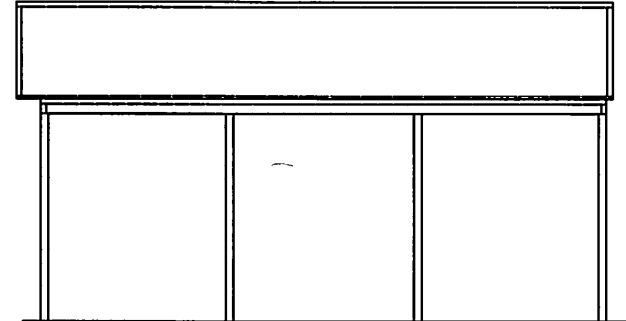
NORTH ELEVATION



SOUTH ELEVATION



EAST ELEVATION



WEST ELEVATION

ROPER BUILDINGS
DAN SCARBROUGH
(801) 540-5585

YOUNG BUILDING
1958 EAST 3850 NORTH
EDEN, UTAH

DATE: 04-29-18
SCALE: 1/8"=1'-0"
JOB: YOUNG
SHEET:

04