

**CITY COUNCIL MEETING
JOHN GREEN
SITE PLAN- METAL STORAGE BUILDING
1700 EAST ANVIL ROAD
JUNE 15, 2017**

ZONING- M-2 Permitted

UTILITIES- Available

PARKING- Existing

FENCING- There is an existing chain link fence.

LANDSCAPPING- In this location, behind the building, there probably is not a need for further landscaping. They should have a plan to keep the weeds down around the building.

LIGHTING- Some on the building- Two existing pole lights

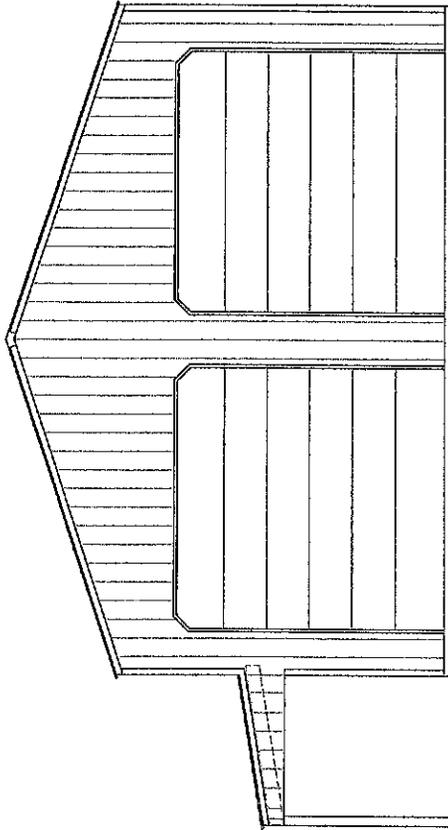
FIRE OFFICIAL REQUIRMENTS- To be reviewed with the building permit.

STORMWATER- There should be sufficient area existing around the building to handle the storm water from this building. The drainage is very good in this area.

NOTES- John is planning to build a metal storage building for his snow removal equipment, hardware, and misc. building repair items. This will be a good addition for his operations in this area. This site plan location is behind the west end of the second building on Anvil road, inside the current fenced area. The Planning Commission recommends approval with the conditions of using dark sky lighting & maintaining a weed control plan.

ROPER BUILDINGS

GREEN BUILDING



ENGINEERING NOTES:

DESIGN CRITERIA	
COVERING CODE:	2015 IBC, ASCE 7
LIVE LOADS:	ROOF: 20 PSF FLOOR: 40 PSF
1. SHOW LOADS:	GROUND FLOOR: 40 PSF + DRIFT FLOOR: 40 PSF + DRIFT DECK: 10 PSF + DRIFT CEILING: 10 PSF + DRIFT
2. WIND:	DESIGN WIND SPEED: 115 MPH WIND EXPOSURE: B WIND DIRECTION: 0°
3. SEISMIC:	SOIL CLASSIFICATION: D (ASSUMED) SITE CLASSIFICATION: D (ASSUMED) SEISMIC ZONE: 4 SEISMIC RISK CATEGORY: II
4. SOIL BEARING:	ANALYSIS PROCEDURES: ASCE 7-10 ANALYSIS PROCEDURES: ASCE 7-10 ANALYSIS PROCEDURES: ASCE 7-10 ANALYSIS PROCEDURES: ASCE 7-10
5. BEAD LOADS:	ROOF: 3 PSF FLOOR: 10 PSF CONCRETE: 145 PSF (TIES, FORMS, ETC)

CONC. FOUNDATION PIERS

SIZE (MINIMUM): 24" x 30" DIAMETER x 3'-0" DEEP
REINFORCEMENT: NO PIER REINFORCEMENT.

SOILS AND EXCAVATION NOTES

ALLOWABLE BEARING PRESSURE: 1500 PSF (ASSUMED)
EXCAVATION: EXCAVATION SHALL BE MADE TO THE STABLE SOIL CHARACTERISTICS ASSUMED.
THE STRUCTURAL ENGINEER OF RECORD IS NOT RESPONSIBLE FOR DIFFERENTIAL FOOTING SETTLEMENT DUE TO INCONSISTENT OR UNDESIRABLE SOIL QUALITY.

CONCRETE AND REINFORCEMENT NOTES

CONCRETE MIN. 28 DAY STRENGTH (FC) 1/4 NORMAL 145 PSF PERCENT;
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 REINFORCEMENT. CONSTRUCTION JOISTS NO FURTHER THAN 10' APART IN ANY DIRECTION.

GENERAL CONTRACTOR:

ROPER BUILDINGS
CONTACT: DAN SCARBROUGH
PHONE: 801-540-5586

CONSULTING STRUCTURAL ENGINEER:

PRICE ENGINEERING
CONTACT: KYLE PRICE
PHONE: 801-771-0542

DRAFTER:

LAKMAN DESIGNS
CONTACT: TIM LAKMAN
(801) 205-0382

REVIEW DATE:

04/19/17

APPROVAL:

ENGINEERED:

PROJECT INFORMATION:

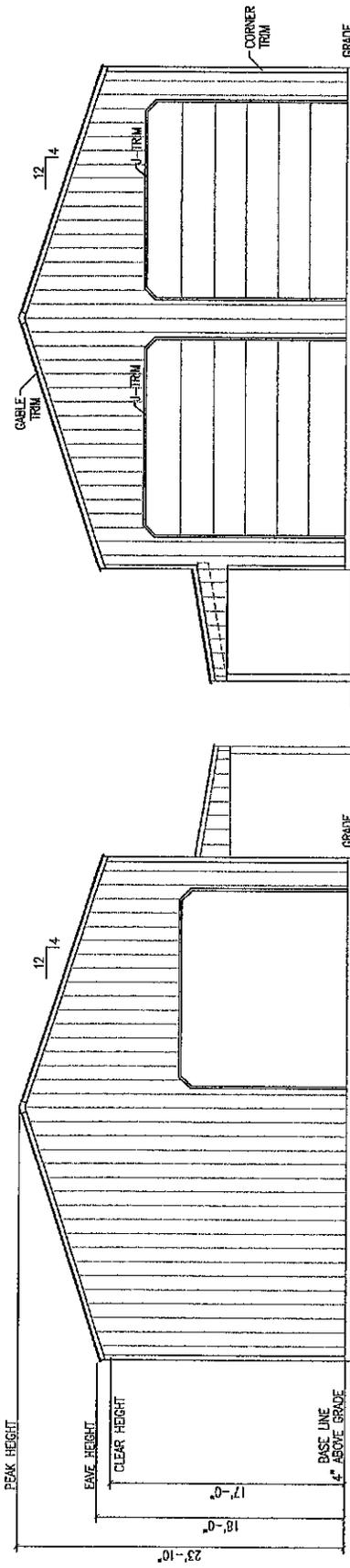
GREEN BUILDING
1700 EAST ANVIL BLVD,
HYRUM, UTAH

SQUARE FOOTAGE:

MAIN BUILDING: 2160
MAIN BLDG DIM: 36'x60'
TOTAL AREA: 2160

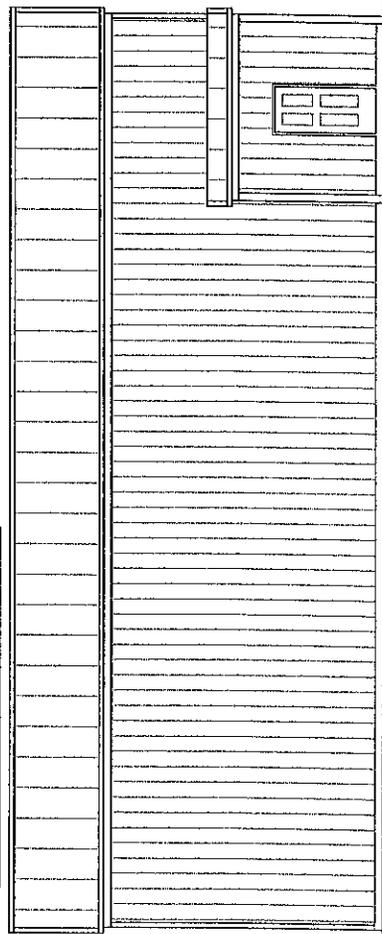
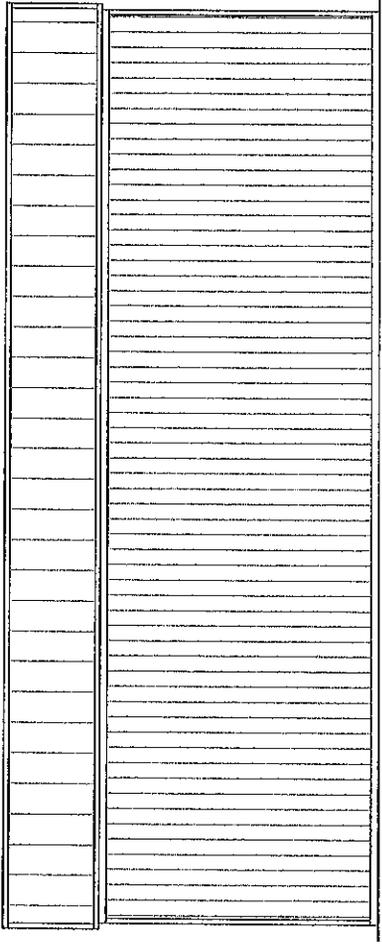
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EAST ELEVATION

WEST ELEVATION



ROPER BUILDINGS
DAN SCARBROUGH
(801) 540-5586

GREEN BUILDING
1700 EAST ANNIL BLVD.
HYRUM, UTAH

DATE: 04-19-17
SCALE: 1/8" = 1'-0"
JOB: GREEN
SHEET:

04

John V. & Elizabeth Green
P.O. Box 330, Farmington, U.S. 54825

Prepared By	Initials	Date
Approved By		

801-451-5776
PLOT PLAN

