



METAL BUILDING DESIGN:

1. METAL BUILDING DESIGNER SHALL USE ALL LOADS LISTED IN STRUCTURAL GENERAL NOTES ON SHEET S1.0.
2. ADDITIONAL LOADS:
 - a. HOIST LOAD AT RIDGE NEAR GRID B, 2000 LBS
 - b. LOFT FLOOR BEAMS SHALL BE CONNECTED TO THE STEEL FRAME. LOADING IS TO BE COORDINATED.
3. CONNECTION DETAILING AT THE FOUNDATION GRADE BEAMS IS TO BE COORDINATED WITH THE FOUNDATION DESIGN.
4. SHOP DRAWINGS AND CALCULATIONS SHALL BE STAMPED AND SIGNED BY STRUCTURAL ENGINEER LICENSED IN THE STATE OF COLORADO.

ALTERNATE FOUNDATION DESIGN OPTION #1:

1. IN LIEU OF 6" STRUCTURAL FLOOR SLAB ON VOID FORMS, INSTALL 5" SLAB-ON-GRADE (WITHOUT VOID FORMS) WITH 6x6 #21@21 W/1% SLOPE SLAB TO DRAINS.
2. SLAB-ON-GRADE SHALL BE PLACED SEPARATELY FROM GRADE BEAMS WITH ISOLATION JOINTS.
3. GRADE BEAMS AT GRIDS A.5 AND B.5 SHALL BE ELIMINATED.
4. (2)-DRILLED PIERS SHALL BE ELIMINATED, AT A.5 AND B.5 AT 2.

ALTERNATE FOUNDATION DESIGN OPTION #2:

1. CONTRACTOR'S ALTERNATE IN LIEU OF STRAIGHT SHAFT DRILLED AND CAST IN PLACE PILES AS MANUFACTURED BY ACHIEVE SITE SERVICES OR EQUIVALENT.
2. PIER INSTALLATION SHALL BE OBSERVED CONTINUOUSLY BY SOILS ENGINEER.
3. THE BUILDING SHOP DRAWINGS AND SPECIFICATIONS SHALL BE SUBMITTED TO SCOREN FILE SHOP DRAWINGS AND ENGINEER OF RECORD FOR REVIEW.
4. SCOREN FILE ON SITE LOAD CAPACITY TESTING IS REQUIRED. SERVICE LOAD FOUNDATION PLAN.

DRILLED CONCRETE PIER INFORMATION:

1. PIER DIAMETER SHALL BE 12" MINIMUM.
2. FOR PRICING ASSUMED PIER LENGTHS SHALL BE 20'-0" WITH 6'-0" MINIMUM EMBEDMENT IN BEDROCK. PIER LENGTH SHALL BE 10'-0" MINIMUM.
3. PIERS SHALL BE REINFORCED WITH (2)-#5 VERTICALLY FULL LENGTH AND (2)-#3 TIES AT TOP.
4. PIER INSTALLATION SHALL BE OBSERVED CONTINUOUSLY BY SOILS ENGINEER.
5. PIER CONTRACTOR SHALL FOLLOW ALL REQUIREMENTS LISTED IN SOILS REPORT.

- FOUNDATION NOTES:**
1. DATUM ELEVATION 100'-0" EQUALS 6873.5' USGS, ACTUAL ELEVATION.
 2. [XXX-X] INDICATES TOP OF FOUNDATION WALL ELEVATION.
 3. [XXX-X] INDICATES TOP OF FOOTING ELEVATION.
 4. CONTRACTOR SHALL FOLLOW ALL REQUIREMENTS LISTED IN SOILS REPORT.
 5. FLOOR ELEVATIONS SHOWN ARE AT TOP OF SLAB OR AT TOP OF FLOOR FLOOR SHEATHING.
 6. 3" DEEP VOID FORMS SHALL BE INSTALLED UNDER ALL GRADE BEAMS AND STRUCTURAL FLOOR SLABS.
 7. CONTRACTOR TO COORDINATE ALL DIMENSIONS AND DETAILS WITH ARCHITECTURAL DRAWINGS.
 8. CENTER FOOTINGS UNDER WALLS AND COLUMNS UNLESS DIMENSIONED OTHERWISE ON FOUNDATION PLAN.
 9. REFER TO ARCHITECTURAL DRAWINGS FOR STAIR FRAMING DETAILS AND LANDING SLAB ELEVATIONS.
 10. ■ INDICATES COLUMN FROM ABOVE
 11. ○ INDICATES PIER BELOW (12"x9")
 12. * INDICATES PREMANUFACTURED BUILDING COLUMN BY OTHERS.
 13. xxxk PIER* INDICATES MINIMUM SERVICE LOAD PILE CAPACITY.

FOUNDATION PLAN

1/4" = 1'-0"

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COLORADO MOUNTAIN COLLEGE
ANDERSON GARAGE
1320 BOB ADAMS DRIVE
STEAMBOAT SPRINGS, COLORADO

PROJECT #7780

DATE ITEM

3.13.09 95% REVIEW

3.20.09 PERMIT

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