

Hildale City Sewer Headworks Building

Hildale City Utility department is soliciting for bids to construct a cinderblock building to cover our existing sewer headworks fine screen. The sewer head works is located on Uzona Ave 2 miles west of Hildale City. The fine screen must be preserved and protected and remain in use thorough out the project. The project includes excavation and importing gravel and compacting the base to prepare for and install footings and stem walls. Concrete floor interior and slabs exterior. CMU block building with rebar vertical and horizontal bond beams filled with small rock concrete. Pre engendered wood trusses with Plywood sheeting on the ceiling. Metal roof, soffits and Facia. Block walls to be painted interior and exterior. Swinging door and rollup door to be provided by the city and installed by contractor. Electrical to be provided by the city.

6" fascia

Pre engineered wood trusses 4/12 pitch

R 30 insulation

Drop gable end trusses for outriggers

H1 ties on each end of trusses

19/32 4x8 sheathing Home Depot 407735 or equal

finish with white Acrylic paint

Ceiling and interior walls

2x8 treated top plate

5/8x12" J bolts

24" on center

Double bond beam at top of wall
#5 bar

24" minimum bar lap

16' smooth face CMU Block

Horizontal bond beam 48" on ctr
#5 bar

Building corners and all vertical cavities with rebar
will be filled with concrete Double column along side
the large door Triple bond beam over large door

2'x2' opening
for vent

2 # 5 bar in lower bond
beam

#5 bars vertical at 32" on center

8"x2' stem wall

6" of compacted road base under slab and footings

2' 8" wide 1' tall footings

#5 cross bars 16" O/C
3 #5 rebar in footing

26'

8 inch concrete stem wall with 8" x 16" cinder block wall

2'x2' vent

6" slab on 6" compacted gravel
with 1/2" expansion joint
against outside wall

Existing structure

Dumpster pad

slope slab 1/4" per foot to center structure

step

3' x 7' steel door

12' x 4' x 6" sidewalk on top of
6" compacted gravel

step

rebar in this section also

12' wide x 14' tall roll up door

14' x 8' x 6" concrete with #4 rebar on 2' grid
6" compacted gravel under slab
slope 1/4 inch per foot from dumpster pad

16'

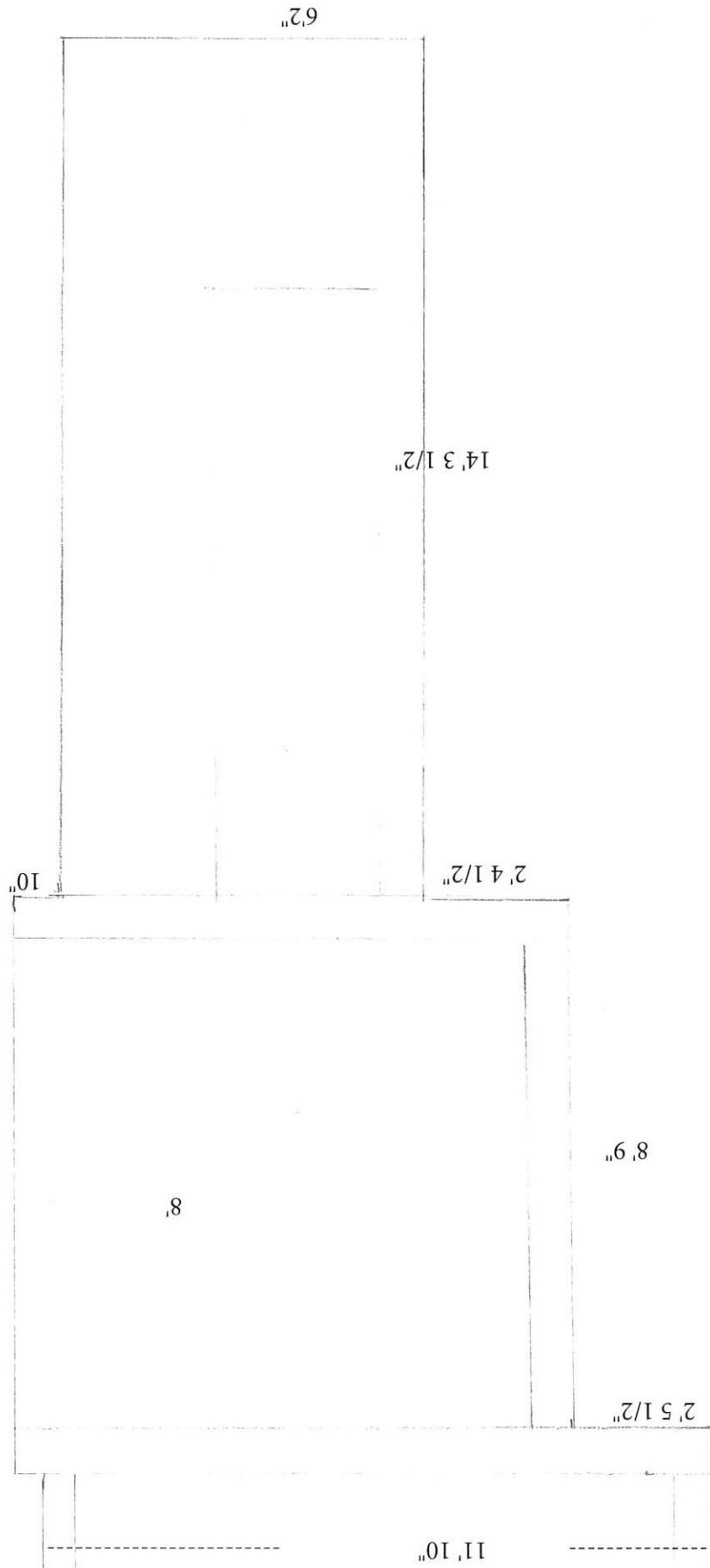
8' 8"

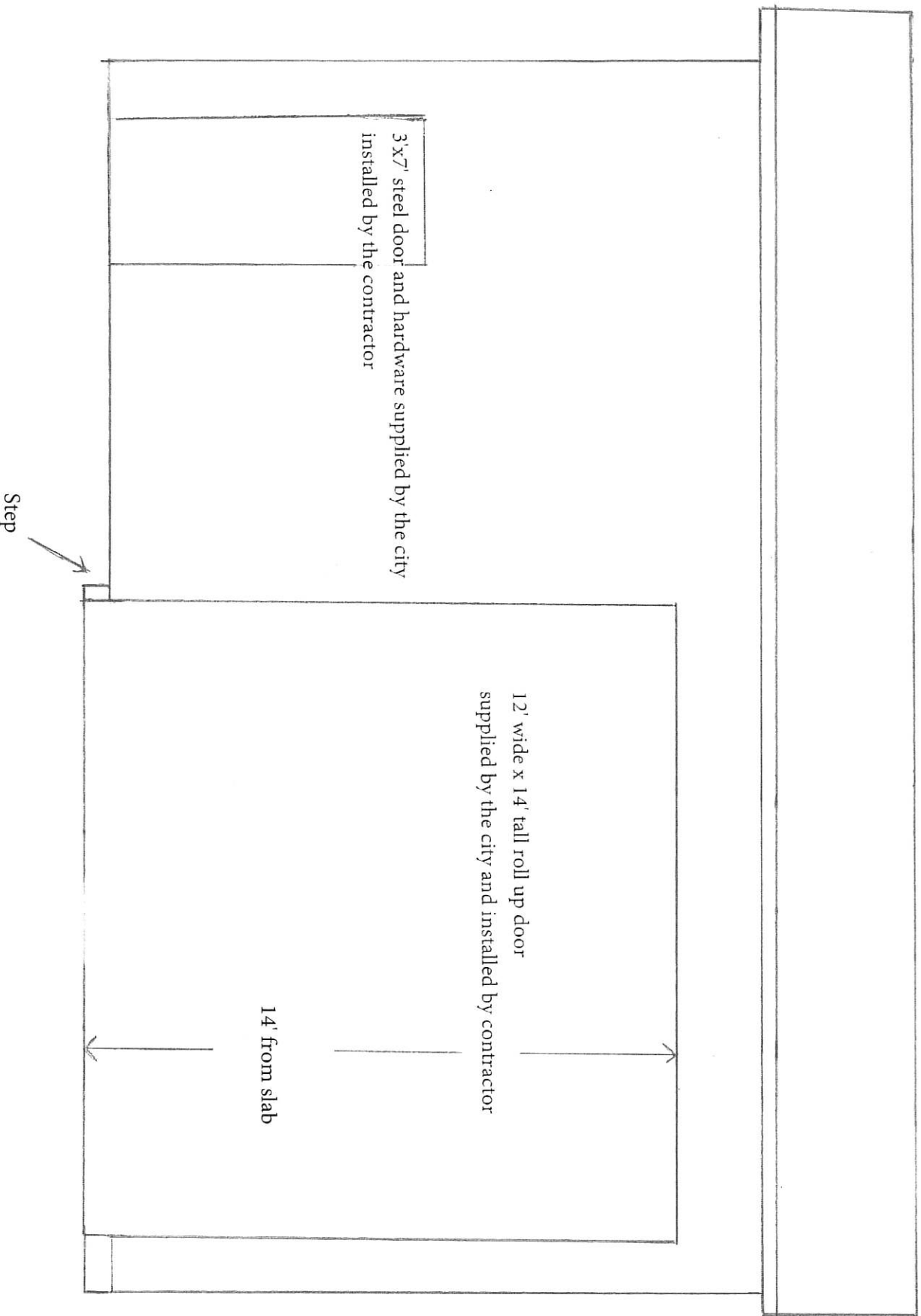
16"

2'x2' vent

7' 4"

16"

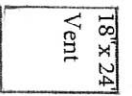




4-12 roof pitch

Roof Metal:

Light Stone 26 Gauge Tuff Rib
Synthetic Felt over 5/8 OSB Sheathing



Gable

Light Stone 26 gauge metal

Tuff Rib

House Wrap over 7/16 OBB

2x6 metal Facia

White

8" Smooth Face CMU Block

Paint Exterior to match existing building (Light blue)
Use exterior acrylic paint over block primer

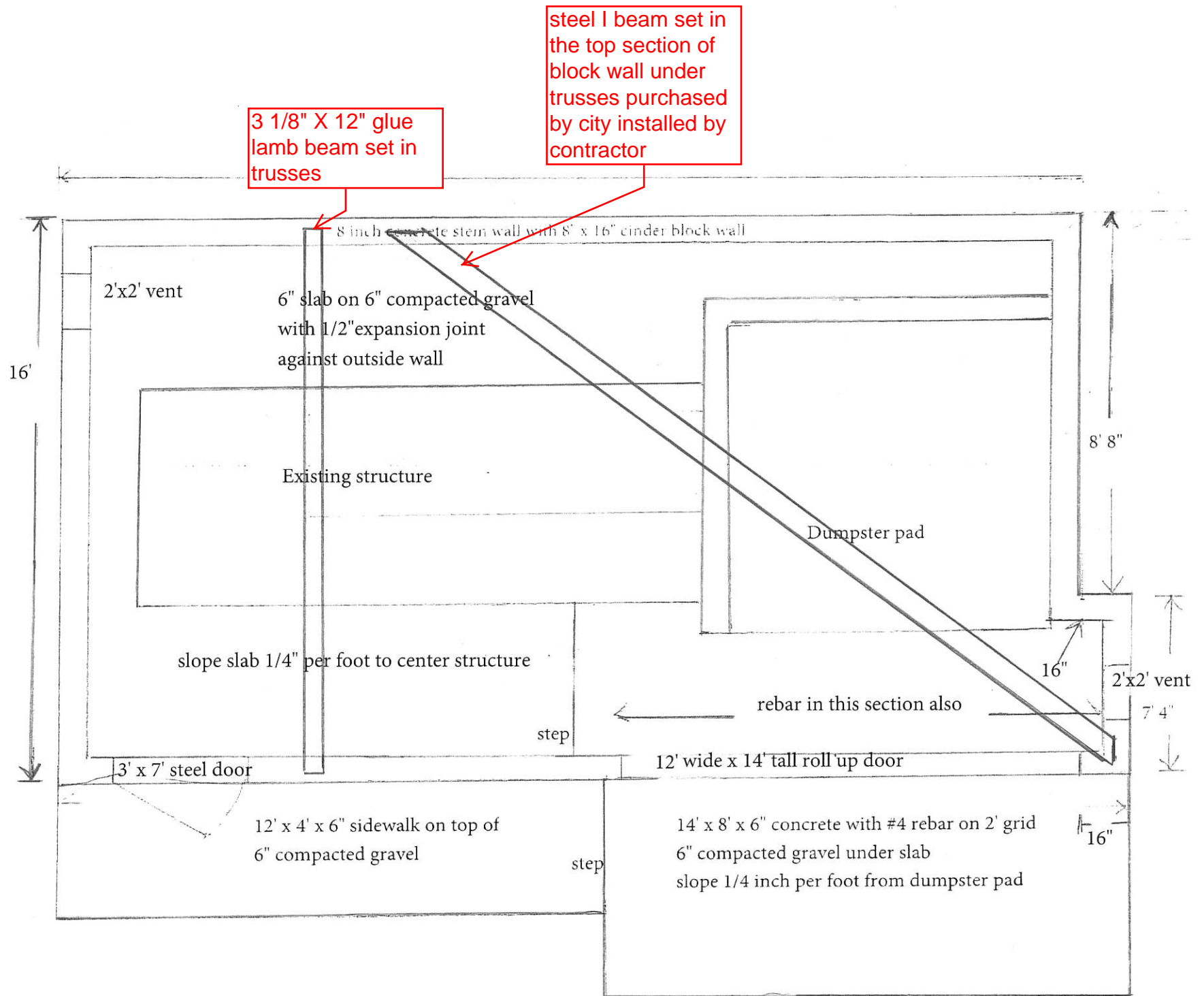
2' overhang

Metal soffit white



Existing Building 20' X 16'

form and pour new concrete sidewalk 6' X 22' with 2' X 16' along side of building
Slab to be 6" thick over 6" compacted gravel



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Notes:

1. 12' wide by 14' tall steel rollup door to be provided by the city and installed by the contractor
2. 3' x7' steel entry door, jamb, and hardware to be provided by the city and installed by the contractor
3. Electrical work and fixtures will be provided and installed by the city.
4. fans and louvers will be provided by the city.
5. the footing and stem walls connect to the existing structure in two places, the horizontal rebar in shall be drilled and epoxied into the existing structure at five inches deep.
6. Building permit, Testing, inspections, and survey for this building will be provided by the city.
7. All work must be done to local building standards. And to the satisfaction of the city.
8. Only the items listed above will be provided by the city. All other materials and labor shown on the plans will be the contractor's responsibility.