

SAMPLE Garage Plans for an enclosed Carport

CONSTRUCTION DRAWINGS CITY OF TUCSON RESIDENTIAL PLAN REVIEW

the construction drawings are required to obtain a building permit. This is a sample outline for small projects. Multiple different drawings may be required depending on the extent of the project. Some of the drawings that may be required are listed below.

- SITE PLAN
- FLOOR PLAN
- FOUNDATION PLAN
- ROOF / FRAMING PLAN
- DETAILS / CROSS SECTIONS
- ELEVATIONS
- ELECTRICAL PLAN
- PLUMBING PLAN
- MECHANICAL PLAN

SEE PAGES 1, 2 & 4

An architect or an engineer usually prepares construction drawings for commercial projects; however, these services are also available to homeowners. Contractors may also be a useful resource when preparing construction drawings. Regardless of who prepares these documents, all drawings must be detailed, accurate, neat and complete

The purpose of preparing and submitting a complete set of construction drawings:

- Help the homeowner to envision the entire project
- Assist in planning and estimating the cost and time for the project
- Prevent unpleasant surprises and last minute changes
- Provide all parties involved (homeowners, contractors, inspectors, plan reviewers, etc.) with clear instructions regarding layout, materials, and the expected finished product
- Expedite the plan review process
- Enable the Development Service Department to provide better service by identifying potential code problems and recommending solutions

LEGAL DESCRIPTION

 OWNER'S NAME _____
 PROJECT ADDRESS _____
 PROJECT DISCRPTION _____

 ZONING _____ SECTION _____ T. _____ R. _____
 OVERLAY ZONES _____

LOT COVERAGE CALCULATIONS

EXISTING DWELLING = _____ %
 ADDITIONS = _____ %
 ACCESSORY STRUCTURES = _____ %
 GARAGE/CARPORT = _____ %
 DRIVEWAY/VEHICULAR USE AREA = _____ %

TOTAL LOT COVERAGE = _____ %
 LOT AREA (LOT SIZE) = _____ %
 TOTAL LOT COVERAGE +- BY LOT AREA = _____ %

BUILDING ELEVATIONS

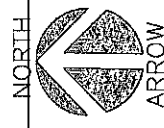
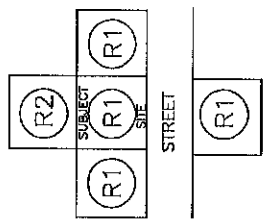
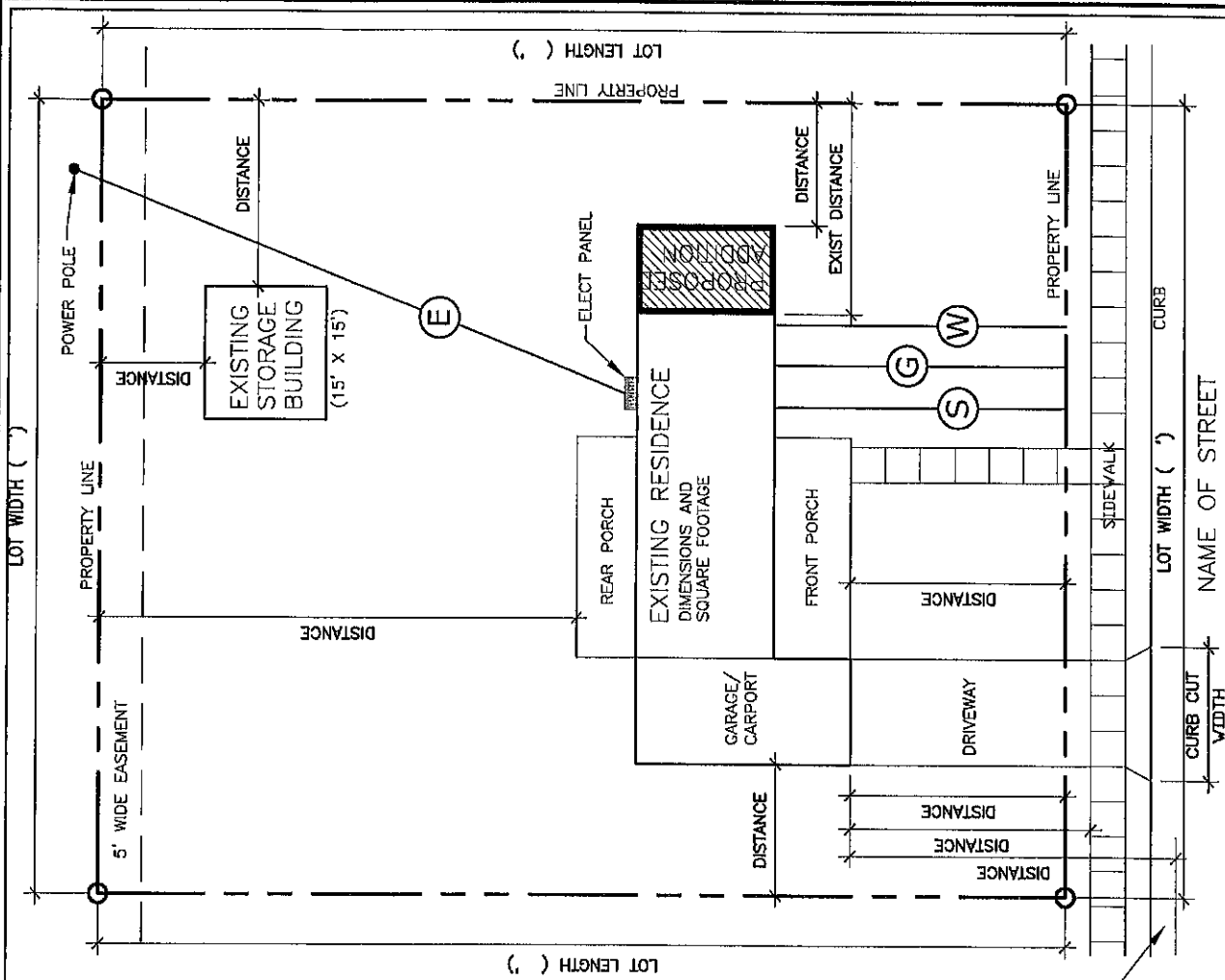
BUILDING HEIGHT NORTH SIDE = _____
 BUILDING HEIGHT SOUTH SIDE = _____
 BUILDING HEIGHT WEST SIDE = _____
 BUILDING HEIGHT EAST SIDE = _____

DENSITY CALCULATIONS

LOT AREA _____ ÷ 43,560 _____ = _____ ACRES

_____ ACRES X _____ UNITS PER ACRE = _____ UNITS ALLOWED

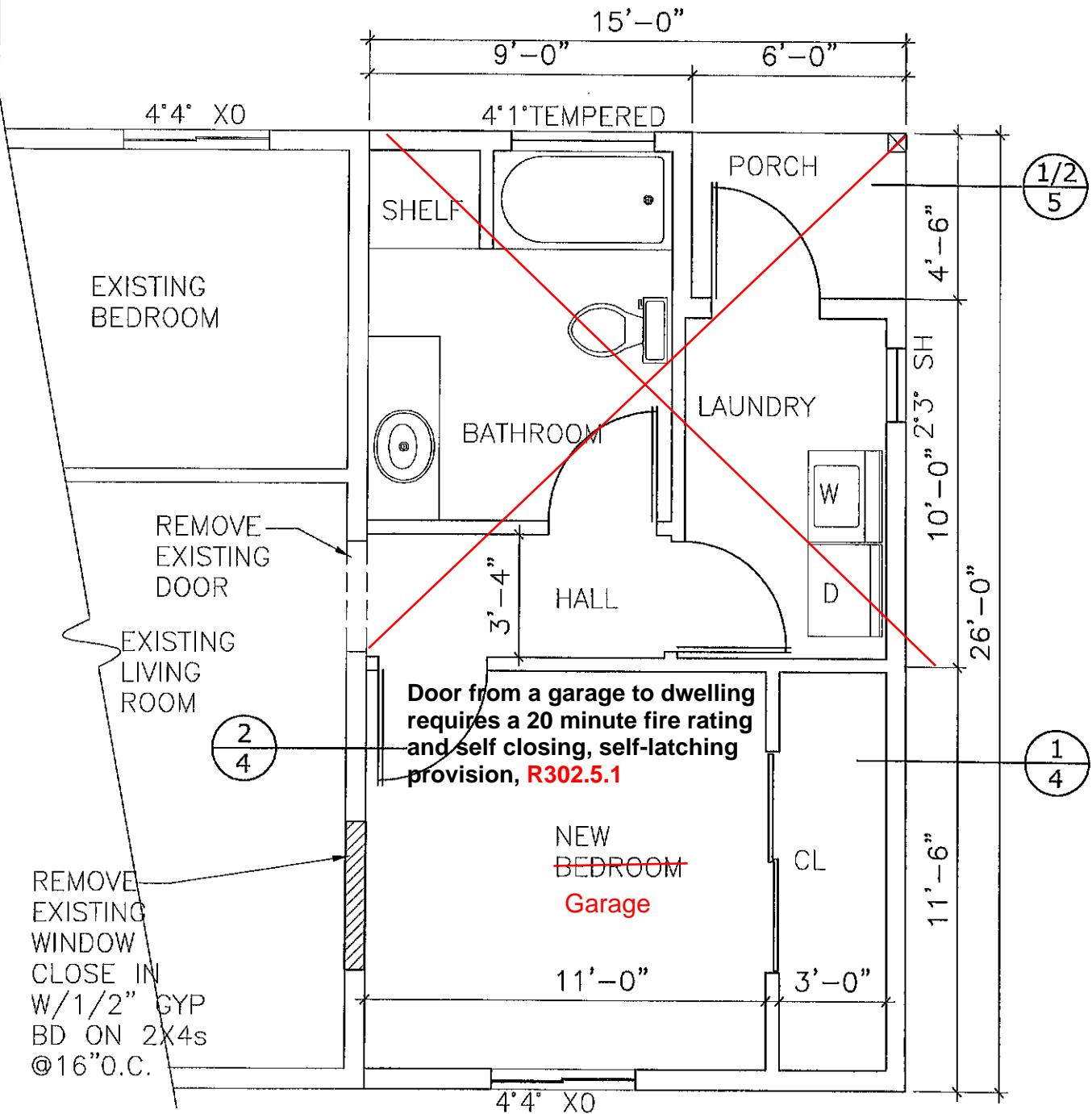
UNITS PROPOSED _____



PLOT PLAN

SCALE: 1" = _____'

ALL CONSTRUCTION TO COMPLY WITH 2018 IRC



Garage receptacle location:
 an outlet is required at each
 vehicle bay not more than
 5.5 feet above the floor.

GFCI Ceiling
 receptacle is optional

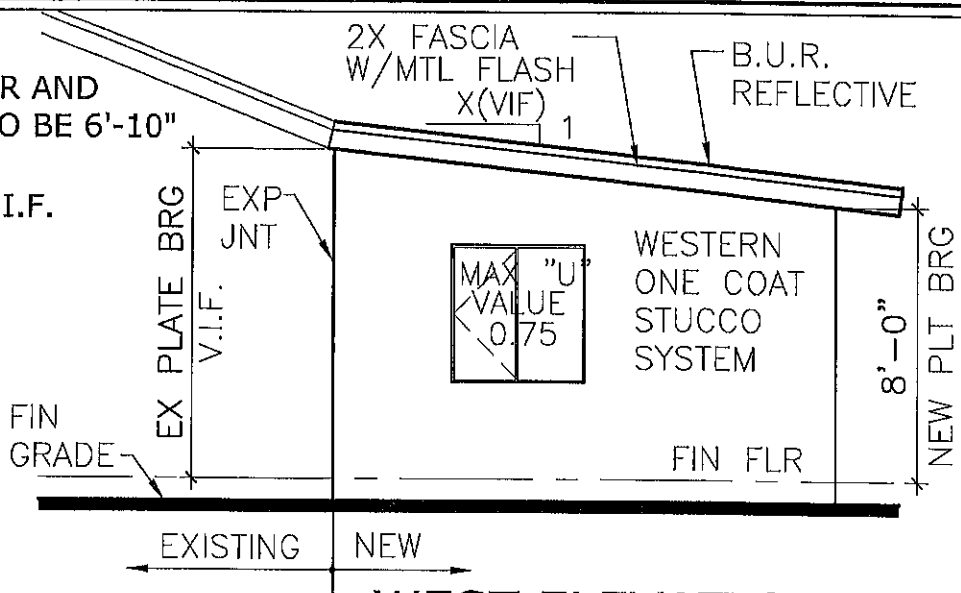


FLOOR PLAN

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

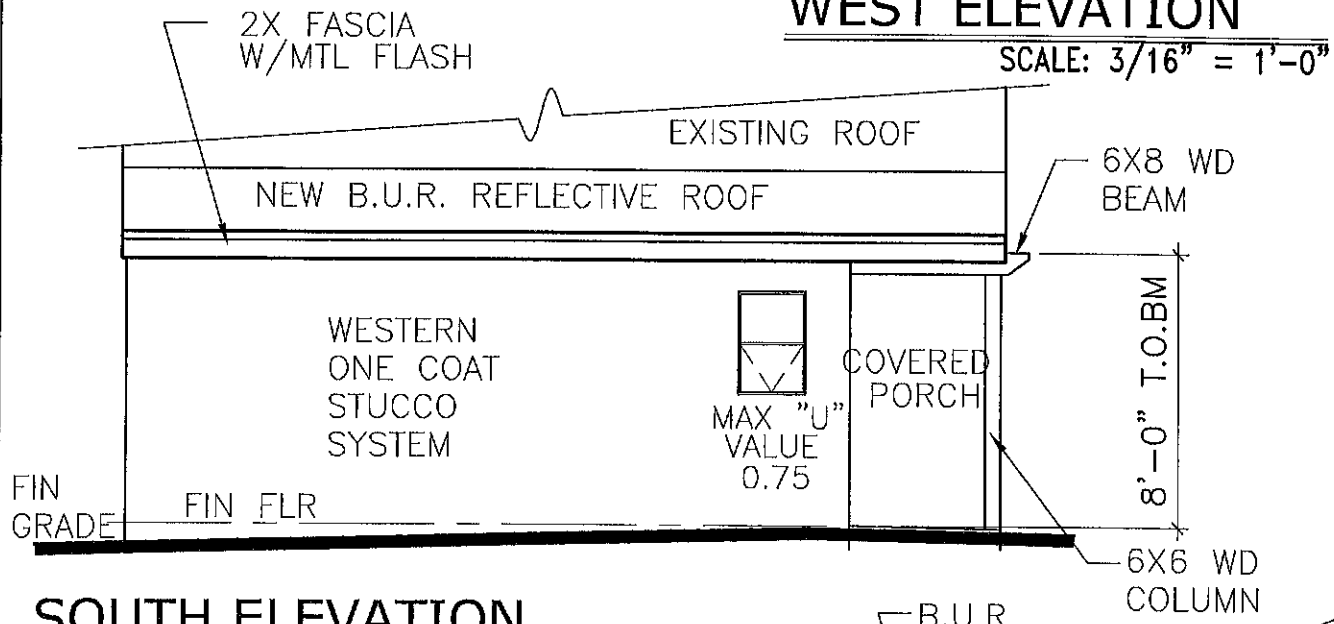
GENERAL NOTES:

1. BOTTOM OF ALL DOOR AND WINDOW HEADERS TO BE 6'-10" A.F.F.
2. VERIFY IN FIELD = V.I.F.



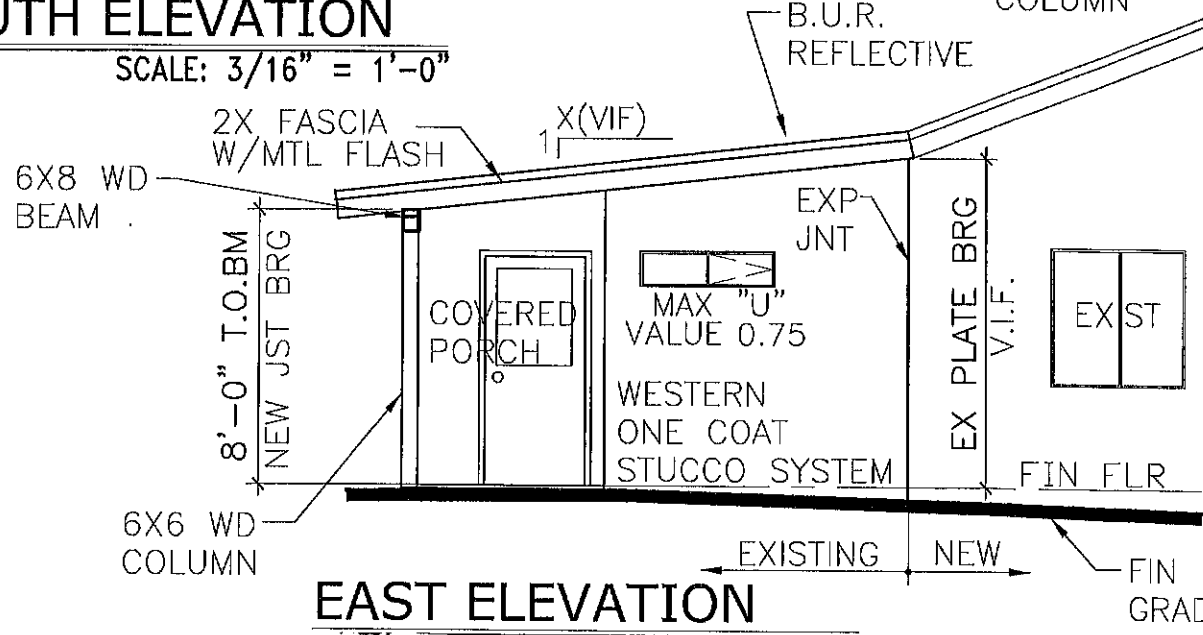
WEST ELEVATION

SCALE: 3/16" = 1'-0"



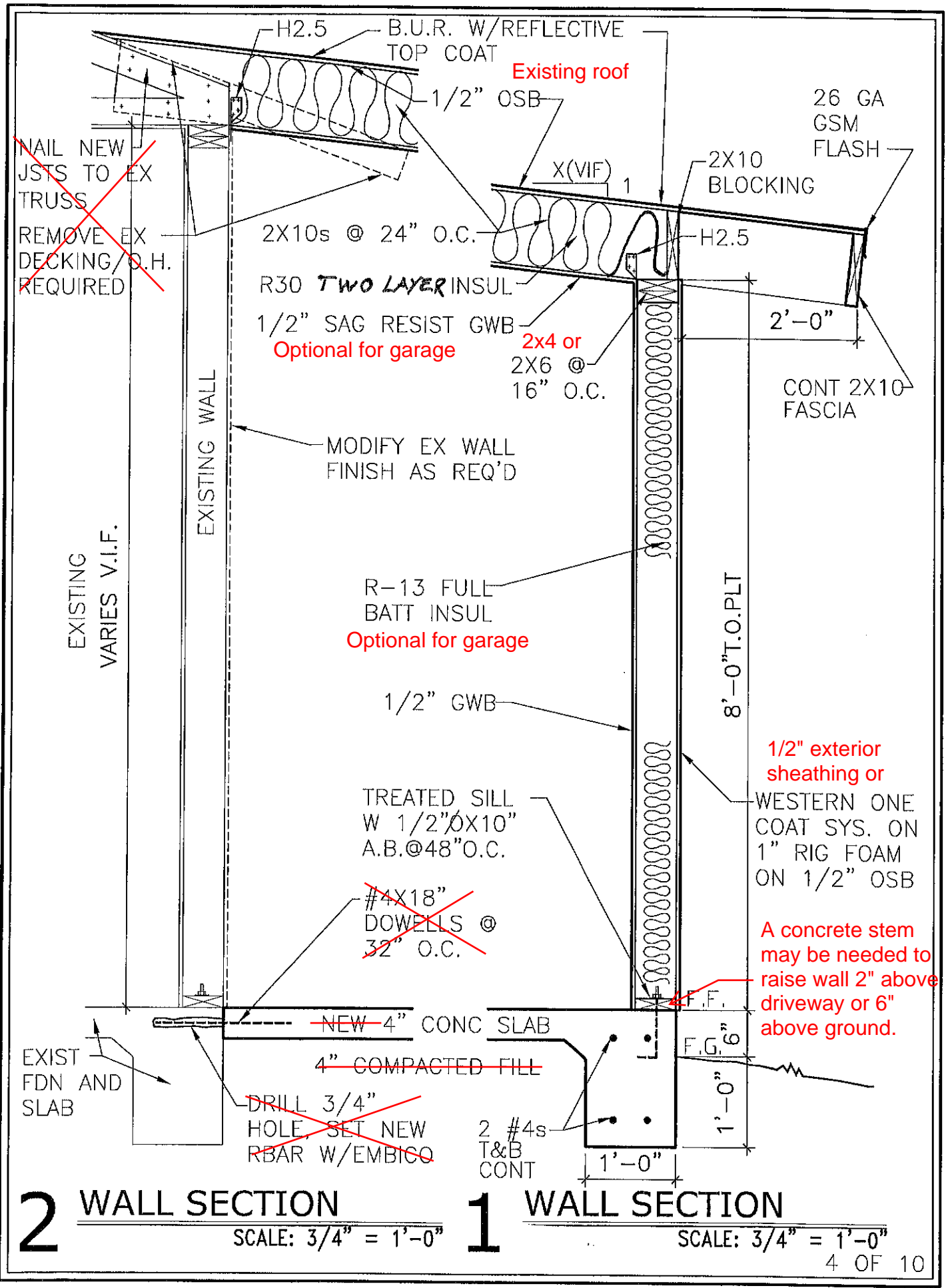
SOUTH ELEVATION

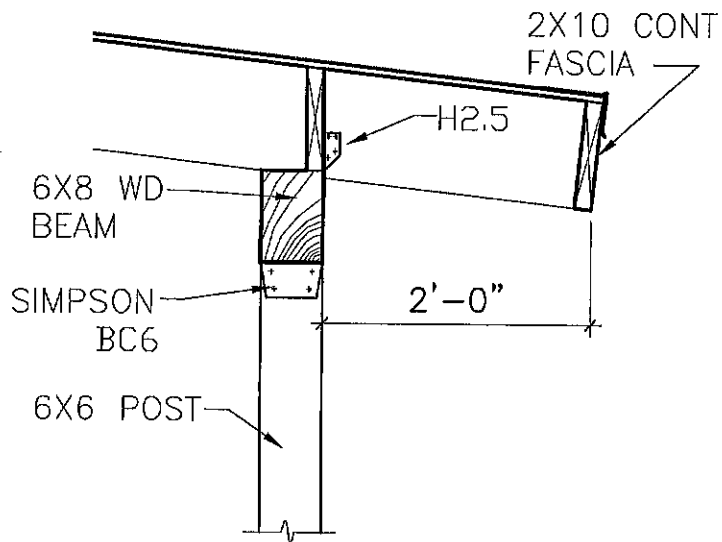
SCALE: 3/16" = 1'-0"



EAST ELEVATION

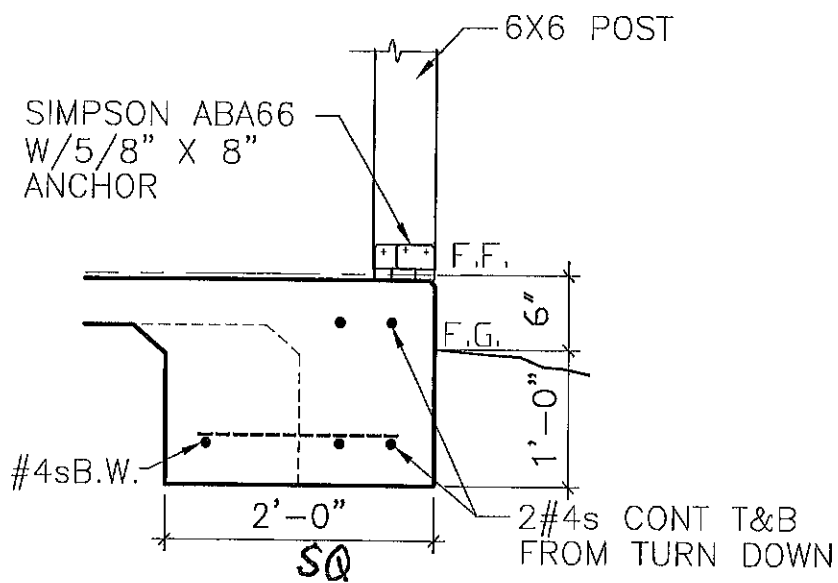
SCALE: 3/16" = 1'-0"





2 DETAIL

SCALE: 3/4" = 1'-0"

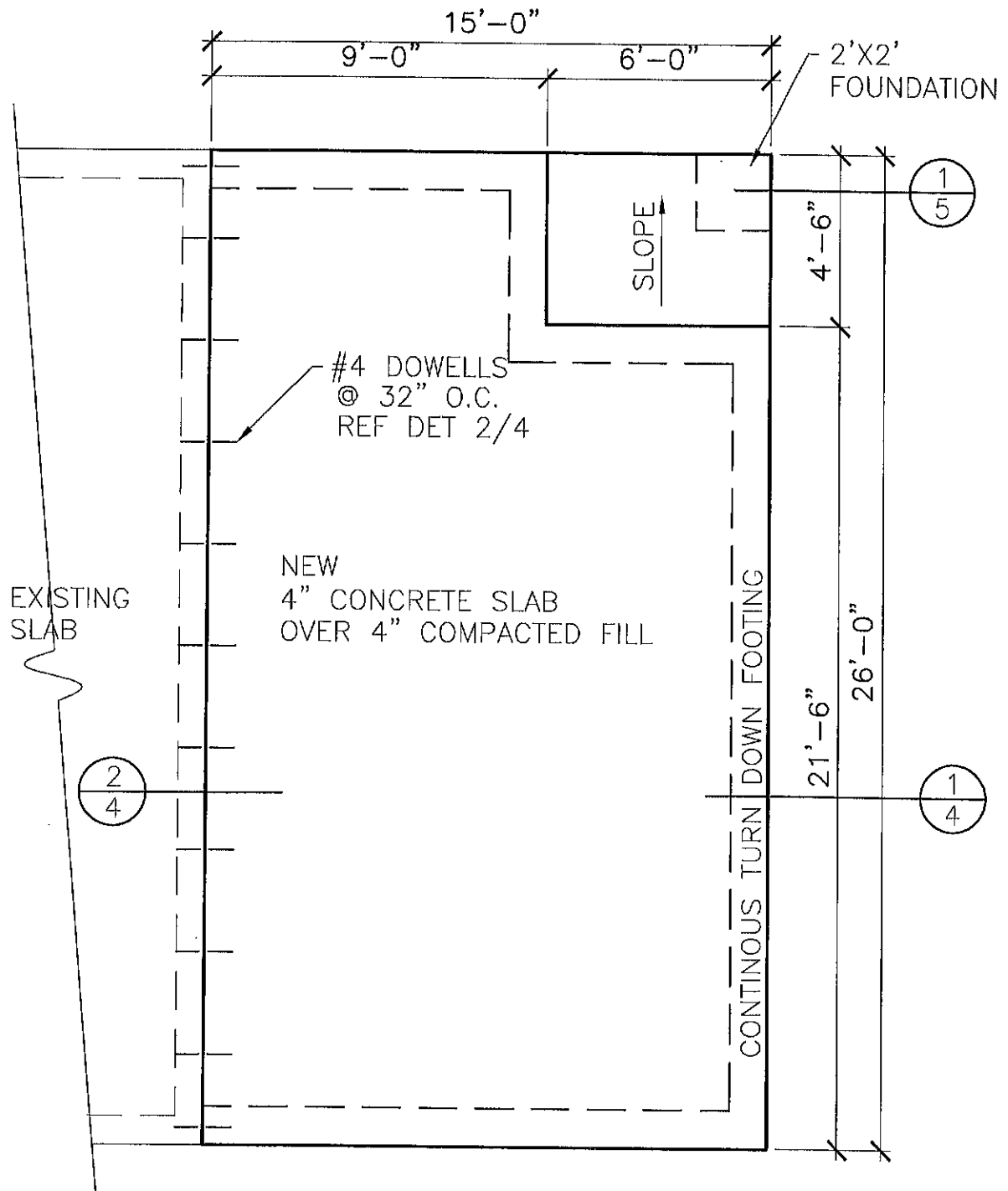


1 DETAIL

SCALE: 3/4" = 1'-0"

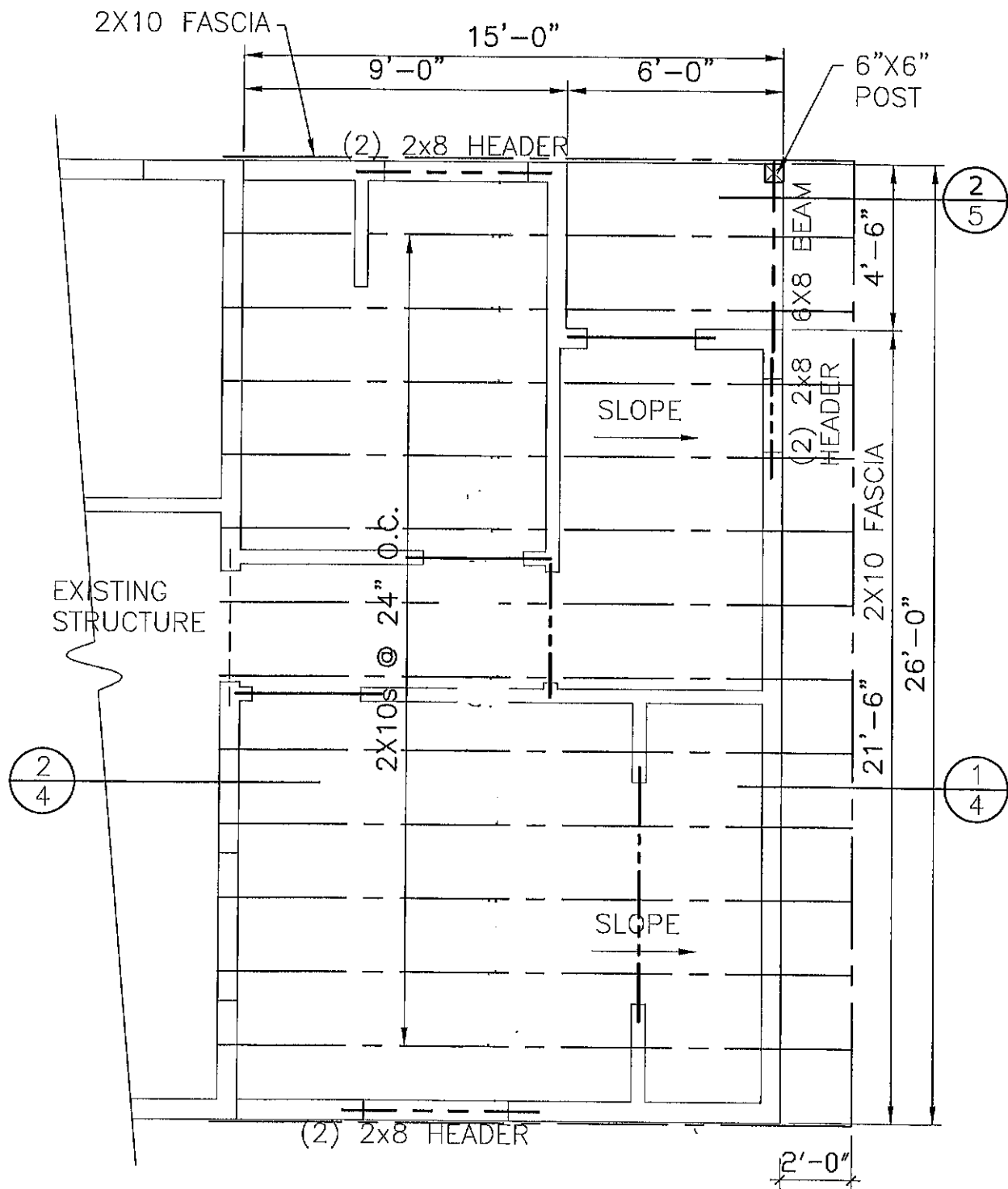
GENERAL NOTES:

- 1. 1,500 PSF SOIL PRESSURE ASSUMED
- 2. USE MINIMUM OF 2,500 PSI CONCRETE
- 3. PROVIDE TERMITE TREATMENT



FOUNDATION PLAN

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

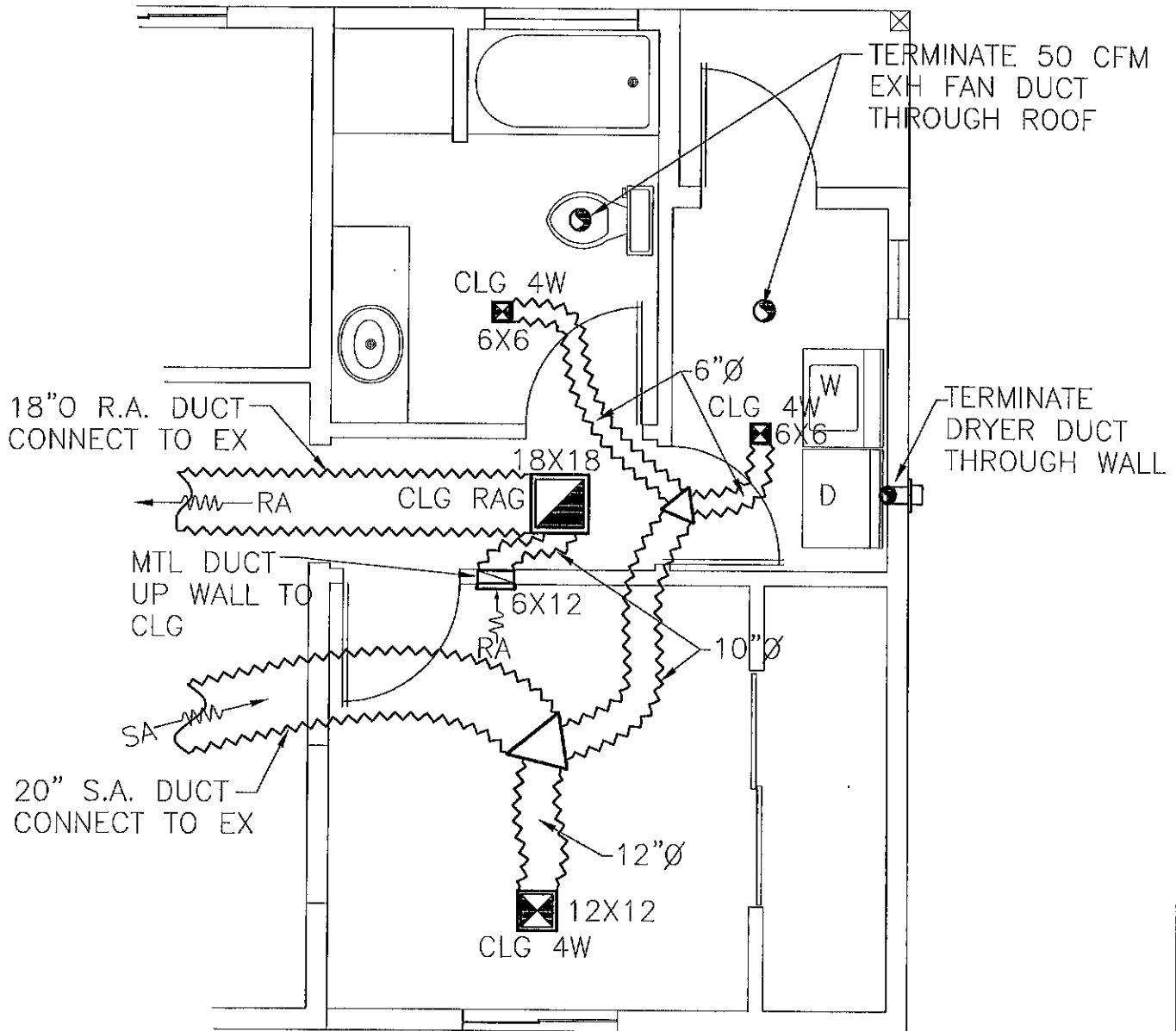


FRAMING PLAN

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

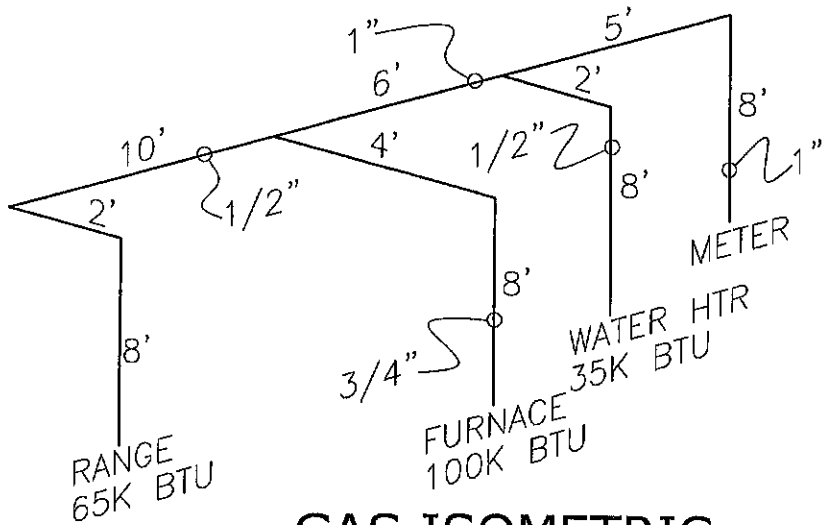
GENERAL NOTES:

1. ALL MECHANICAL WORK TO COMPLY WITH 2018 IRC
2. CONNECT NEW DUCTWORK TO EXISTING DUCT WORK IN ATTIC



HVAC PLAN

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



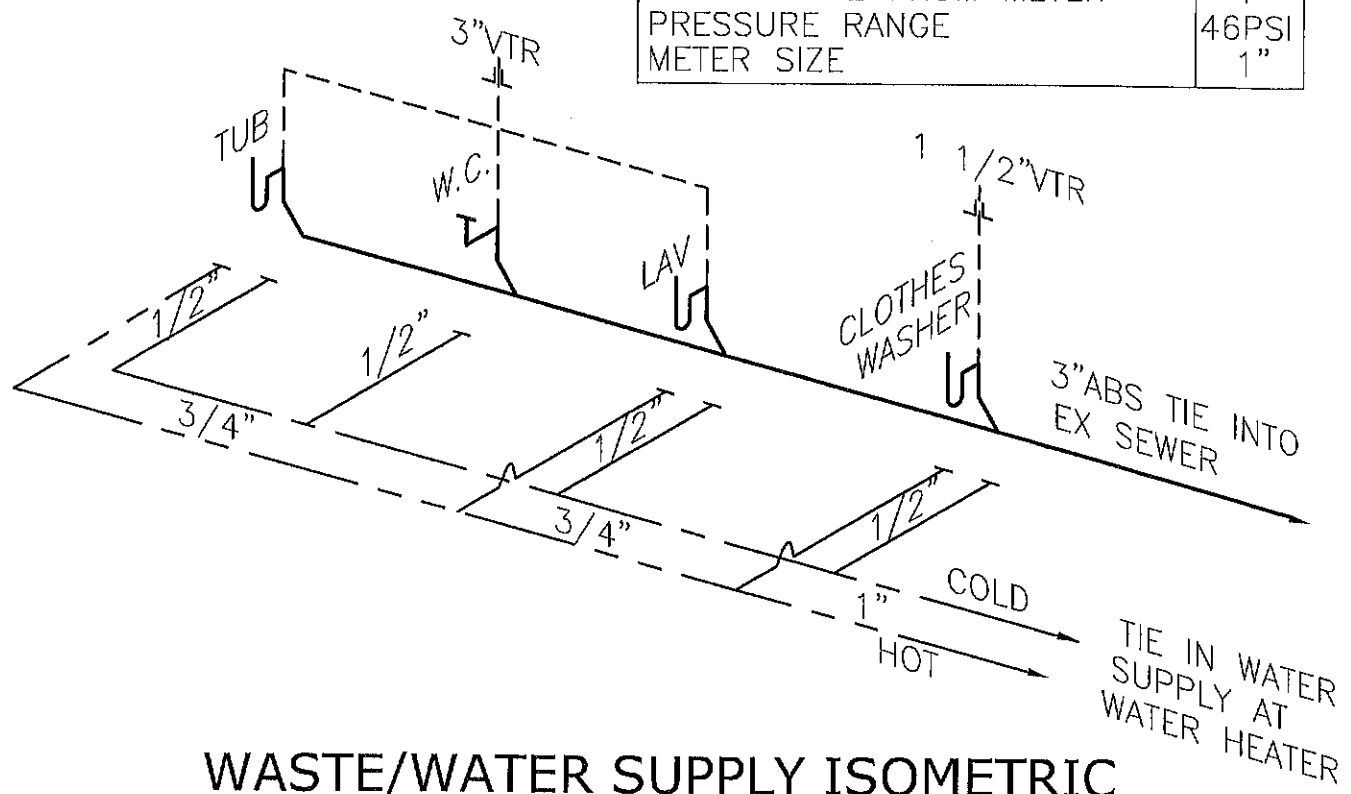
| GAS SCHEDULE | |
|--------------------|------|
| TOTAL DEV. LENGTH: | 39' |
| TOTAL DEMAND: | 200K |

GAS ISOMETRIC

NOT TO SCALE

GENERAL NOTES:
 1. ALL PLUMBING WORK TO COMPLY WITH 2018 IRC

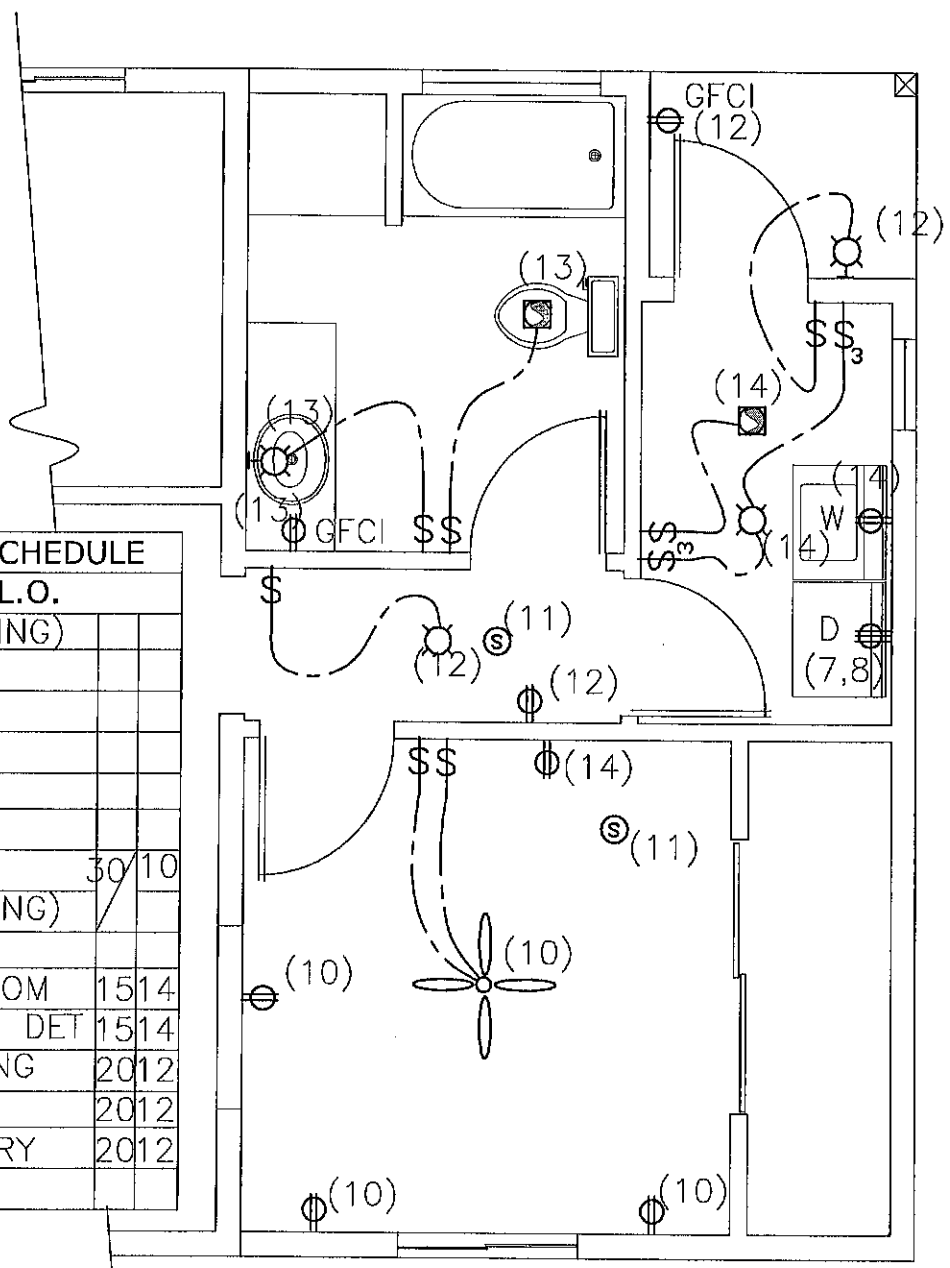
| WATER SUPPLY FIXTURE UNIT SCHEDULE | | | |
|------------------------------------|-----|-----|-------|
| | FU | QTY | TOTAL |
| TUB/SHOWER | 4 | 1 | 4 |
| WATER CLOSET | 2.5 | 1 | 2.5 |
| LAVATORY | 1 | 1 | 1 |
| CLOTHES WASHER | 4 | 1 | 4 |
| EXISTING | | | 17 |
| TOTAL | | | 28.5 |
| TOTAL DEV LENGTH | | | 150' |
| SUPPLY LINE FROM METER | | | 1" |
| PRESSURE RANGE | | | 46PSI |
| METER SIZE | | | 1" |



WASTE/WATER SUPPLY ISOMETRIC

NOT TO SCALE

| PANEL SCHEDULE 200A/M.L.O. | | |
|-------------------------------|------------|-------|
| 1 | (EXISTING) | |
| 2 | | |
| 3 | | |
| 4 | | |
| 5 | | |
| 6 | | |
| 7 | DRYER | 30/10 |
| 8 | (EXISTING) | |
| 9 | SPACE | |
| 10 | BEDROOM | 15/14 |
| 11 | SMOKE DET | 15/14 |
| 12 | LIGHTING | 20/12 |
| 13 | BATH | 20/12 |
| 14 | LAUNDRY | 20/12 |
| 15 | SPACE | |



ELECTRICAL PLAN

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