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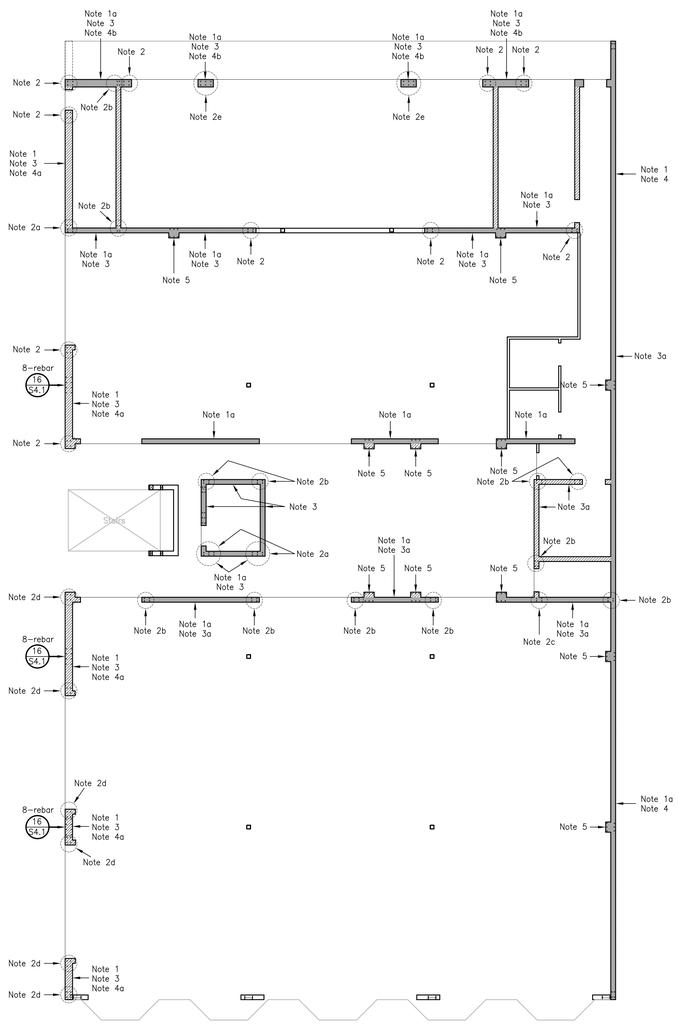


Legend:

1st floor wall.

1st floor short wall and/or guardrail.

Masonry walls: #5 verticals with matching dowels at 16" on center, unless noted otherwise on plan. #4 continuous horizontals at 24" on center, unless noted otherwise on plan.

1st floor 8" 1500 psi concrete masonry unit (cmu) wall. Special inspection not required unless noted otherwise on plan.

1st floor 12" 1500 psi concrete masonry unit (cmu) wall. Special inspection not required unless noted otherwise on plan.

1st floor 8" 2500 psi concrete masonry unit (cmu) wall. Special inspection is required.

Post or king post below. All post or king post to be 4x4 typical unless specified otherwise on plan.

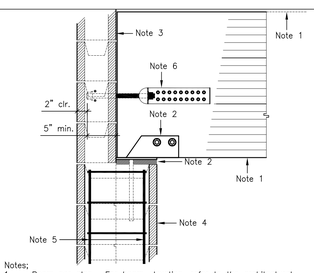
Hardy Frame/Panel or Post anchor above.

Refer to sheet S2.0 for Foundation Plan information not shown or stated here.

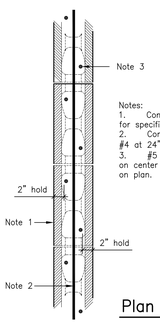
Notes:
1. Special inspection required for masonry this floor level only where/if specified on plan.
1a. Use f'm = 2500 psi (special inspection required) concrete masonry units this floor level only where/if specified on plan.
2. Four #6 full height vertical rebars with matching dowels into footing below. Extend rebars 36" minimum beyond floor above.
2a. Six #6 full height vertical rebars with matching dowels into footing below. Extend rebars 36" minimum beyond floor above.
2b. Four #5 full height vertical rebars with matching dowels into footing below. Extend rebars 30" minimum beyond floor above.
2c. Full height vertical rebars, to act as matching dowels for rebars above. Provide matching dowels into footing below. Extend #5 rebars 30" minimum beyond floor above. Extend #6 rebars 36" minimum beyond floor above.
2d. Four #7 full height vertical rebars with matching dowels into footing below. Extend rebars 42" minimum beyond floor above.
2e. Six evenly spaced #8 full height vertical rebars with matching dowels. Provide 1/4" diameter ties at 8" on center full height.
3. Continuous #4 horizontal reinforcing at 8" on center this floor level.
3a. Continuous #4 horizontal reinforcing at 16" on center this floor level.
4. 8" nominal concrete masonry units with #6 vertical reinforcing at 8" on center staggered, refer to detail 4/S3.
4a. 12" nominal concrete masonry units with #6 vertical reinforcing at 8" on center staggered, refer to detail 4/S3.
4b. 12" nominal concrete masonry units.
5. 16" x 16" nominal pilaster with six #8 full height verticals with corresponding #5 dowels. Provide 1/4" diameter ties at 8" on center full height.

1st Floor Shear-Wall Plan

Scale: 1/8" = 1'-0"



Notes;
1. Beam per plan. For beam elevation, refer to the architectural drawings.
2. HCLB beam seat on pilaster. Provide non-shrink grout bed as required.
3. Masonry wall per plan as/if occurs.
4. Masonry pilaster per plan.
5. Pilaster reinforcing per plan.
6. PHD5 holdowns each side of beam. Anchor into wall with 5/8"ø threaded rod. Provide horizontal #4 x 16" rebars as shown.



Notes:
1. Concrete masonry wall, refer to plan for specified nominal thickness.
2. Continuous horizontal reinforcing. Use #4 at 24" on center, if not stated on plan.
3. #5 continuous vertical reinforcing at 8" on center staggered, unless noted otherwise on plan.

Plan view for cmu wall

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May 05, 2006

Revisions

No.	Date	Description

Project Number: 2380-06
Drawn By: Sezen
Designed By: Sezen
Checked By: Moon

Sheet Title:
1st Floor Shear Plan

Sheet Number:
S3