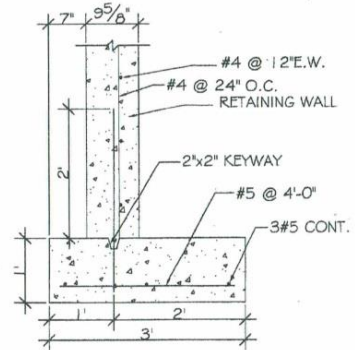
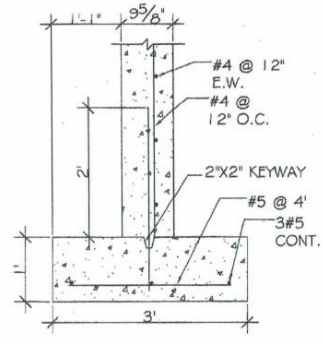


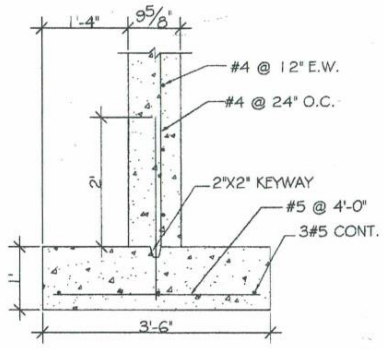
A 2' FOOTING SECTION



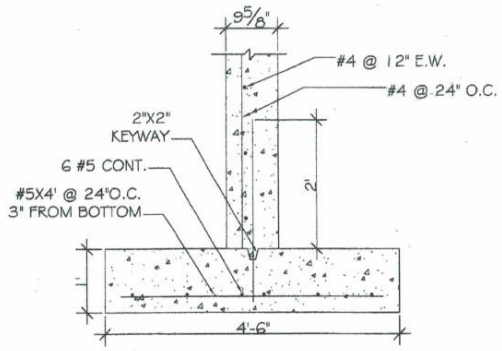
B 3' FOOTING SECTION FOR RETAINING WALL



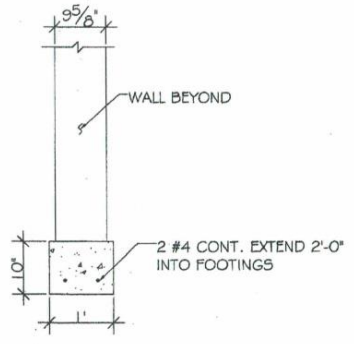
C 3' FOOTING SECTION



D 3'-6" FOOTING SECTION



E 4'-6" FOOTING SECTION



F 1' FOOTING SECTION

FOUNDATION & FOOTING SECTIONS

1"=1'-0"

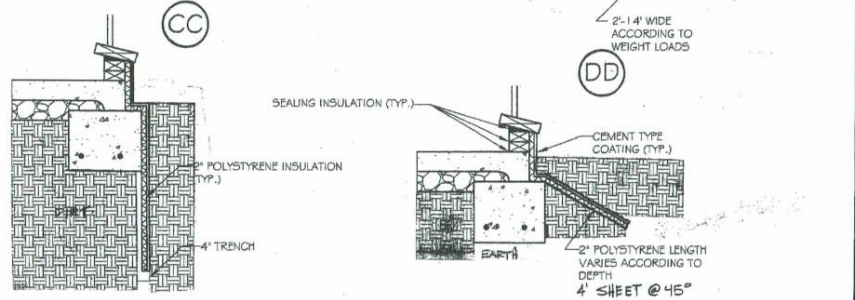
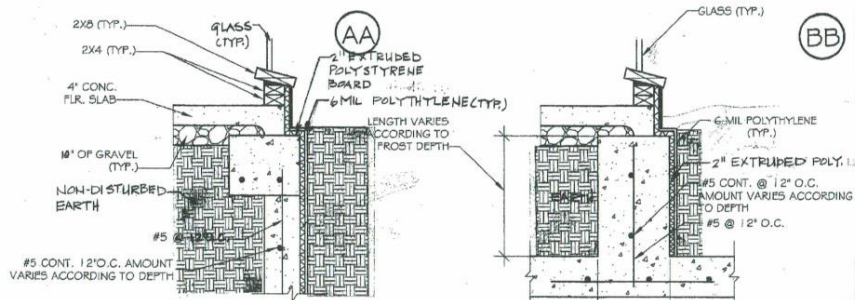
REVISIONS:
7-1-07

DRAWN BY:
KENNETH S. WILLMAN
(016) 633-2239
DESIGNED BY:
JACKI ALLAN

TERRA-DOME CORPORATION
6503 SOUTH BUCKLEY BLVD.
GRAN VALLEY, MI 49429
(616) 229-5000

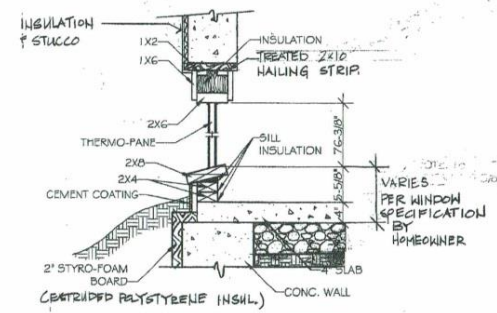
PLAN SET SUBMISSIONS:
PRELIMINARY
FINAL C.D. SET: 12-22-04

PHONE: _____
ADDRESS: _____



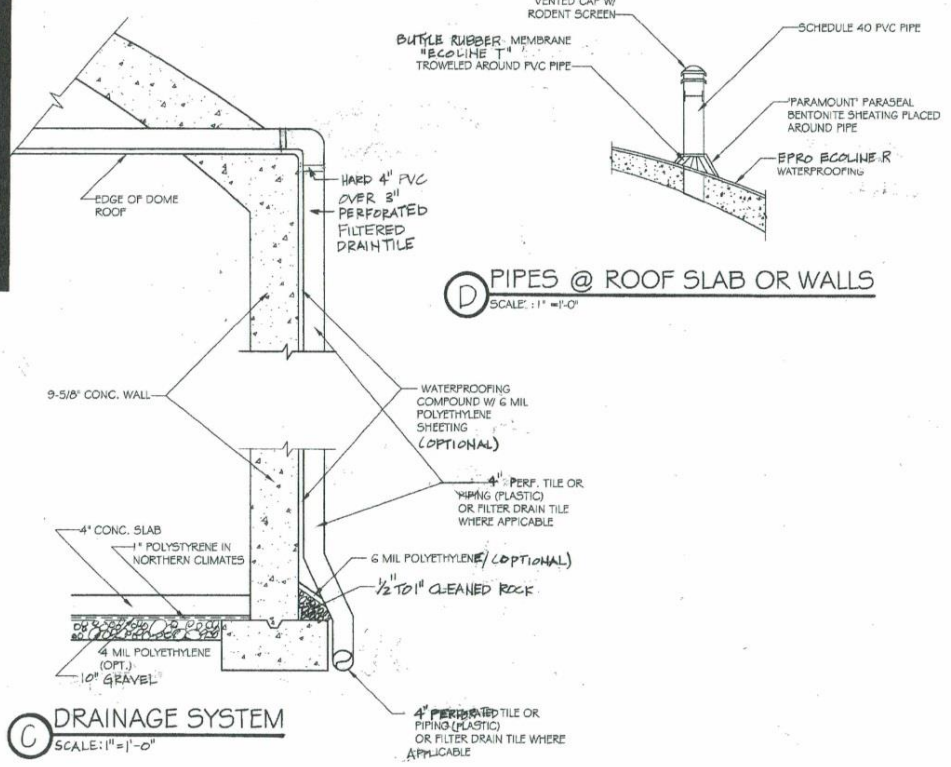
FROST FOOTING TYPES

SCALE: 1"=1'-0"



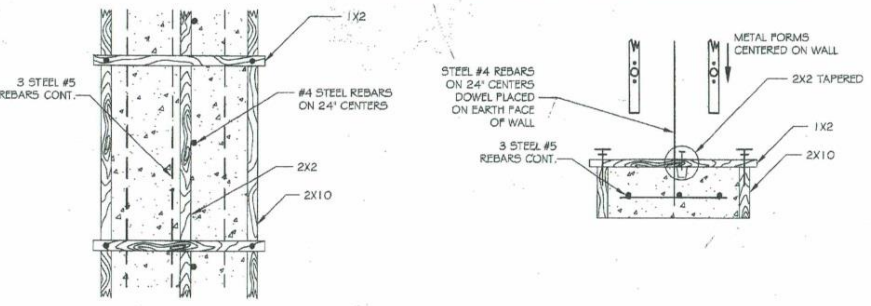
WINDOW FRAMING DETAIL

SCALE: 1/2"=1'-0"



PIPES @ ROOF SLAB OR WALLS

SCALE: 1"=1'-0"




FORM SETTING

SCALE: 1"=1'-0"

DRAINAGE SYSTEM

SCALE: 1"=1'-0"



REVISED: T-1-07

DRAWN BY: WILLIAM J. (914) 933-2239

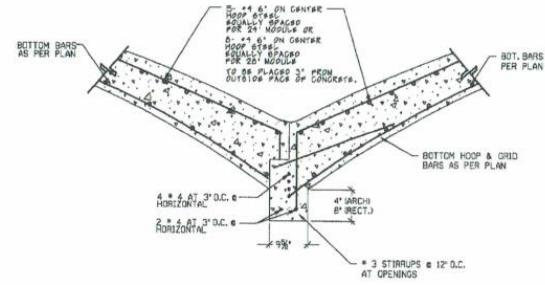
TERRA-DOME CORPORATION

PLAN SET SUBMISSIONS:
PRELIMINARY:
FINAL C.D. SET:

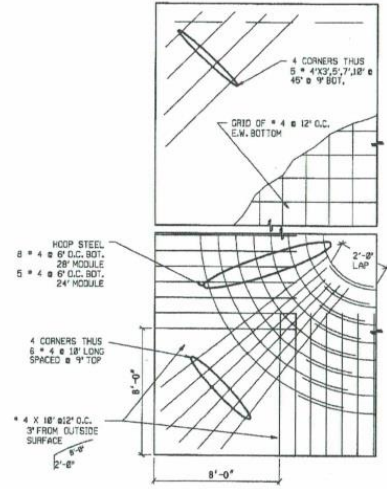
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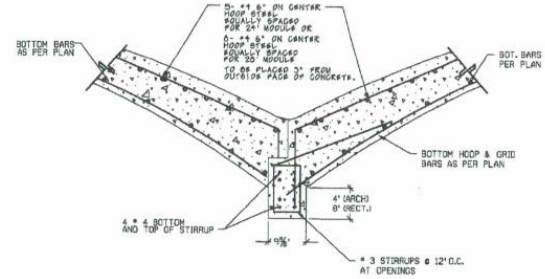
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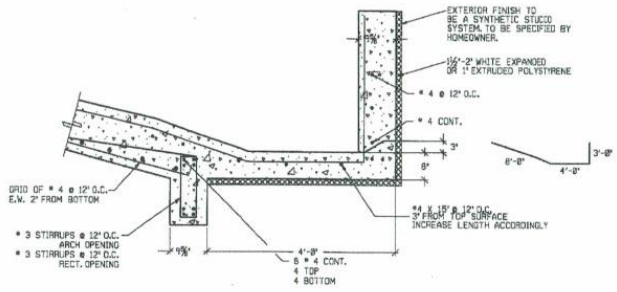
A STEEL PLACEMENT FOR OPENINGS LESS THAN 14'
SCALE 1/4" = 1'-0"



C TOP VIEW OF DOME REINFORCEMENT
SCALE 1/4" = 1'-0"



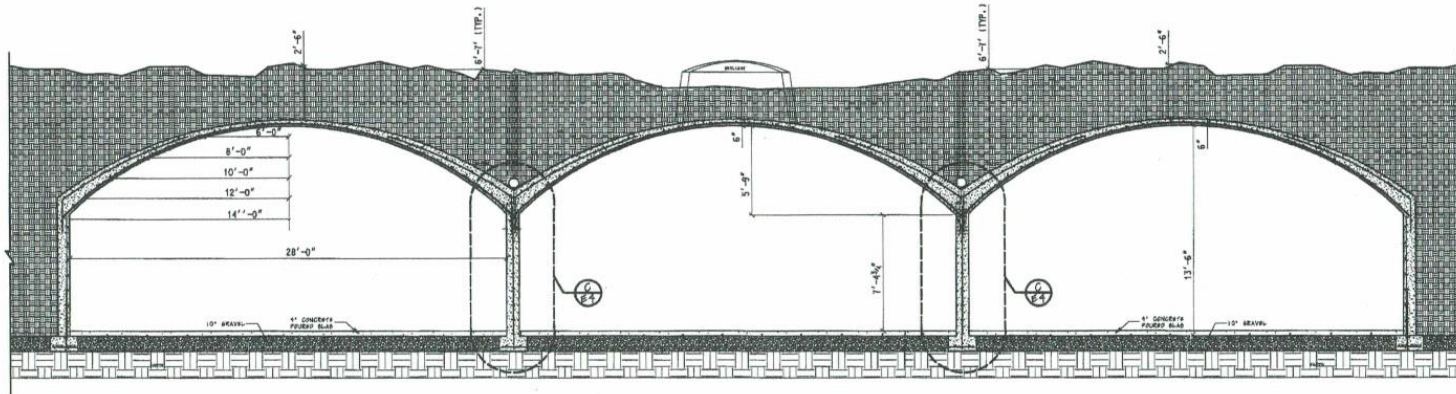
B STEEL PLACEMENT FOR OPENINGS 14' OR LARGER
SCALE 1/4" = 1'-0"



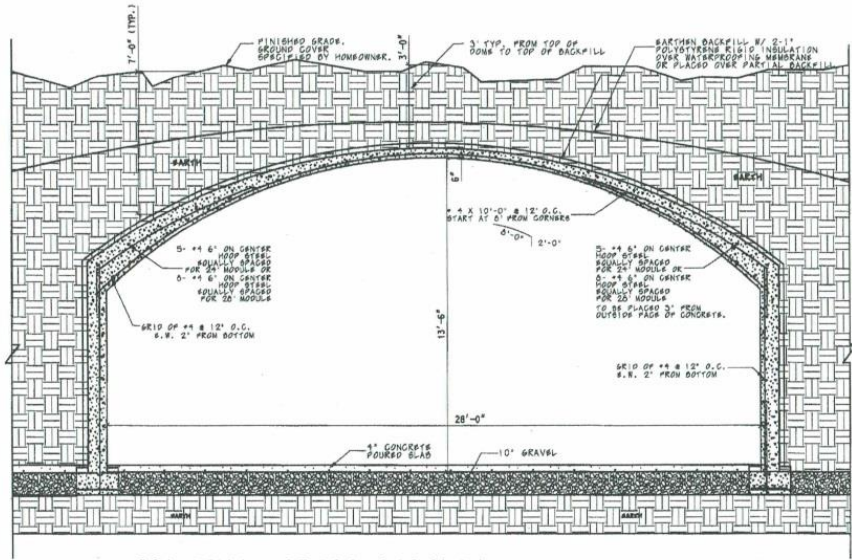
D TYPICAL OVERHANG WITH PARAPET
SCALE 1/4" = 1'-0"

I CERTIFIED THAT I HAVE CHECKED THE GENERAL LAYOUT OF STEEL REINFORCEMENT ON THIS SHEET AND THAT THIS MEET LOADING REQUIREMENTS UNDER 3" OF SOIL OVERBURDEN AT APEX OF DOME W/12,000 LB. OF TRACTOR LOAD. FOUNDATION DESIGN AND LOAD CONDITIONS DUE TO DIFFERENTIAL SETTLEMENT OR HEAVY DUE TO SOIL SWELLING SHOULD BE CONSIDERED FOR THE SPECIFIC SITE. CONCRETE IS 3000 P.S.I. AND MID STEEL TO BE 60 K.S.I. FOR ALL STEEL.

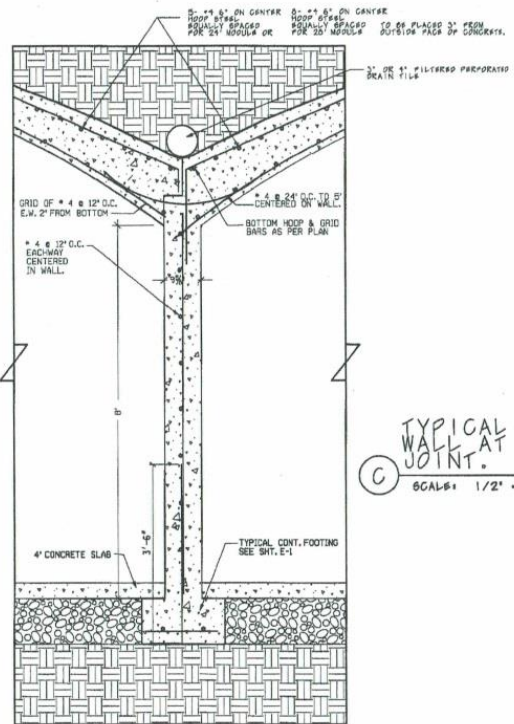
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|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|
| REVISIONS: 01 09/08/08 02 06/24/07 | REMARKS: ZZ CONSULTING SERVICES ZZ CONSULTING SERVICES |
| PLAN SET SUBMISSION: PROJ. NUMBER: FINAL C.D. SET: PERMITS: RELEASE FOR BIDS: | DESIGNED BY: J. ALLEN CHECKED BY: J. SCALE CONST. MGMT. CRD. BY: |
| APPROVALS: <input type="checkbox"/> APPROVED <input type="checkbox"/> APPROVED <input type="checkbox"/> AS NOTED <input type="checkbox"/> REVISE & RESUBMIT | NAME: DATE: |
| PROFESSIONAL APPROVALS: | |
| TERRA-DOME CORPORATION 8908 S. SHILOH RD., GRAIN VALLEY, MO 64029 PHONE: (816) 229-6000 | ENGINEERING SERVICES |
| PROJ. CODE: E-BORDER | |
| | |
| GOING UNDER TO STAY ON TOP | |
| © TERRA-DOME 1979 | |
| E3 | |



A CROSS SECTION OF DOMES
SCALE: 1/6" = 1'-0"



B 28' DOME - CROSS SECTION
SCALE: 1/4" = 1'-0"



C TYPICAL INTERIOR WALL JOINT AT COLD
SCALE: 1/2" = 1'-0"

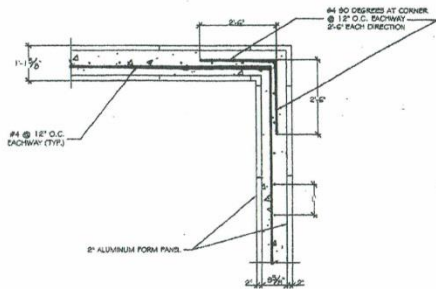
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| REMARKS: ZZ CONSULTING SPECS ZZ CONSULTING SPECS | DATE: 01 08/08/06 02 06/26/07 | REVISIONS: ZZ CONSULTING SPECS ZZ CONSULTING SPECS |
| PLAN SET SUBMISSION: PRELIMINARY: FINAL C.O. SET: PERMITS: RELEASE FOR BID: | DESIGNED BY: DRAWN BY: J. ALLEN CHECKED BY: J. SCAFE CONST. MGR: DREW RT: | |

| | |
|-------------------------|--------------------------------------------|
| PROFESSIONAL APPROVALS: | APPROVALS: |
| | <input type="checkbox"/> APPROVED |
| | <input type="checkbox"/> APPROVED AS NOTED |
| | <input type="checkbox"/> REVISE & RESUBMIT |
| | NAME: _____ DATE: _____ |

TERRA-DOME CORPORATION
8808 S. SHROUD RD., GRAIN VALLEY, MO 64029
PHONE: (616) 229-6000
HOMECOMER: _____ ADDRESS: _____
ENGINEERING SPECS

PROJ. CODE: EBORDER
ENGINEERING: DETAIL 2.105

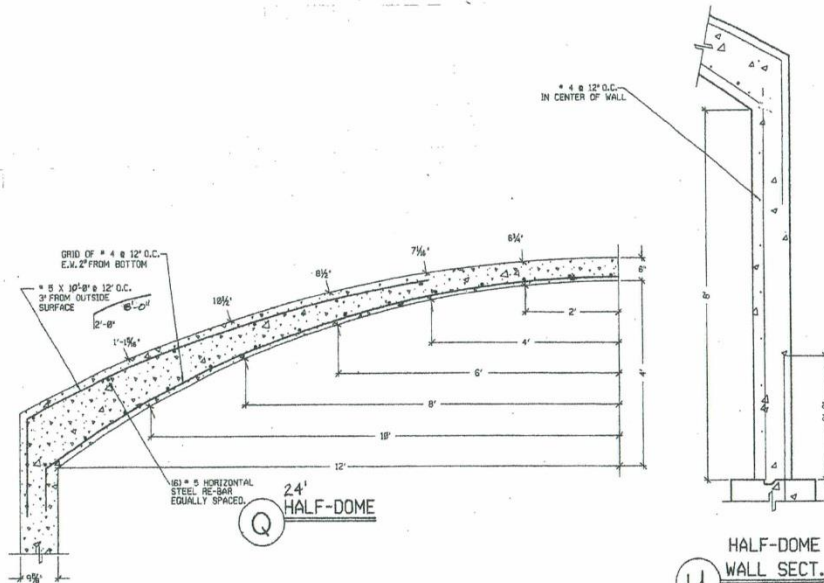
GOING UNDER TO STAY ON TOP
© TERRA-DOME 1979



STEEL PLACEMENT @ CORNERS
SCALE: 1/2" = 1'-0"

NOTES:

I CERTIFY THAT I HAVE CHECKED THE GENERAL LAYOUT OF STEEL REINFORCEMENT ON THIS SHEET AND THAT THEY MEET LOADING REQUIREMENTS UNDER 2'-0" SOIL OVERBURDENED AT APEX OF DOME WITH 10,000 # OF TRACTOR LOAD. FOUNDATION DESIGN AND LOAD CONDITIONS DUE TO DIFFERENTIAL SETTLEMENT OR HEAVE DUE TO SOIL SWELLING SHOULD BE CONSIDERED FOR THE SPECIFIC SITE. CONCRETE IS 3500 P.S.I. AND STEEL TO BE 60 K.S.I. FOR ALL STEEL.



REMARKS
DATE: 12-15-05
BY: P2 7-1-07

PLAN SET SUBMISSION:
PERMITS: 64/07/04
FINAL: 06/07/04
RELEASE FOR BID:

DESIGNED BY: S. GARY
DRAWN BY: J. ALLEN
CHECKED BY: J. SCAFE
FOUNDED/INCH CRED. BY:

PROFESSIONAL APPROVALS:

APPROVALS:
 APPROVED
 SPECIFIED
 REVIEWED
 RESUBMIT

TERRA-DOME CORPORATION
8900 S. SHROUD RD., CHAIR VALLEY, MO 64029
PHONE: 660-228-6600
HOMEOwner ADDRESS:

PROJ. CODE: TERR40.4034

GOING UNDER TO STAY ON TOP
© TERRA-DOME 1979

E5
10



DATE: 12-15-85
 7-1-07

PLAN SET SUBMISSION:
 PREPARED BY: [blank]
 FINAL C.D. SET: [blank]
 RELEASED FOR BIDS: [blank]

DESIGNED BY: J. ALLEN DRAKE
 CHECKED BY: J. SCOFF
 COUNTY BOARD CODED BY: [blank]

PROFESSIONAL APPROVALS:

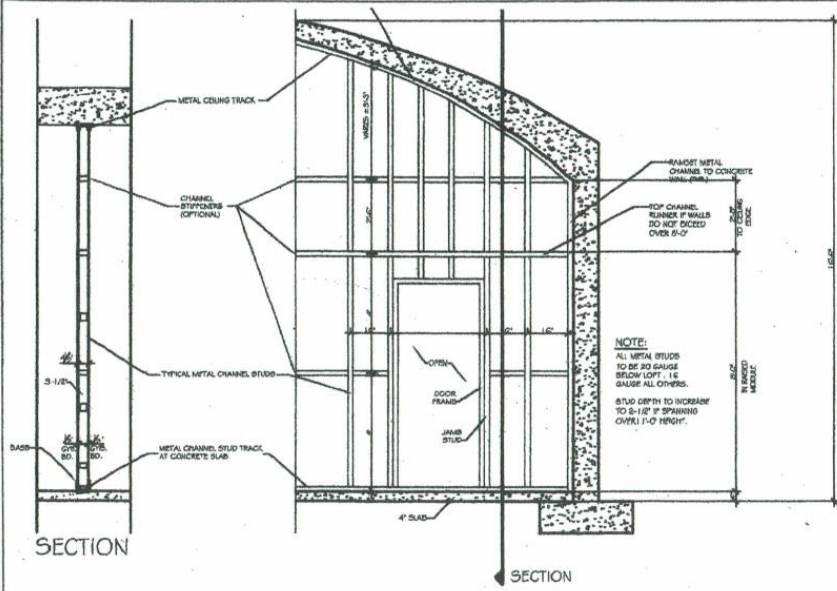
APPROVALS:
 APPROVED
 APPROVED
 APPROVED
 REVIEWED
 REVIEWED
 NAME: [blank]
 DATE: [blank]

TERRA-DOME CORPORATION
 8908 S. SHILOH RD. GRAIN VALLEY, MO 64099
 PHONE: (816) 225-5000
 HOMEOWNER ADDRESS

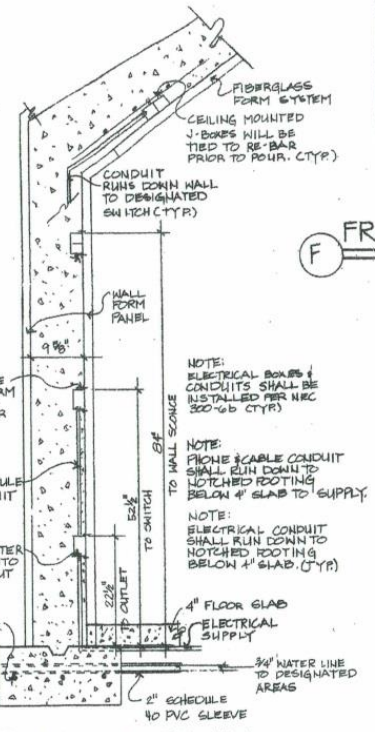
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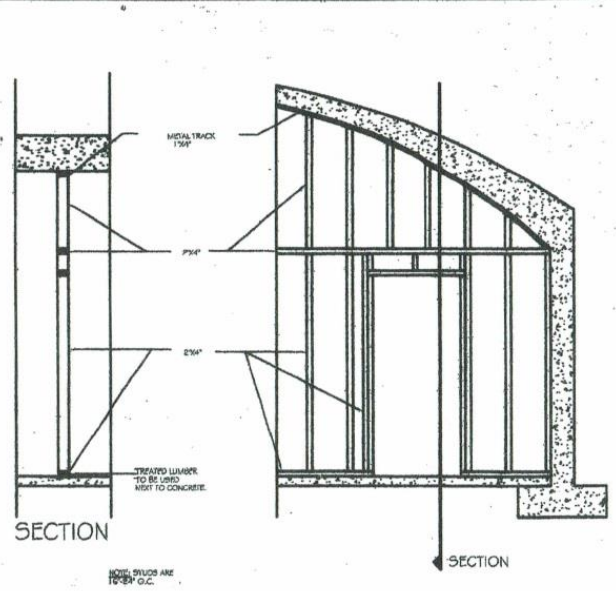
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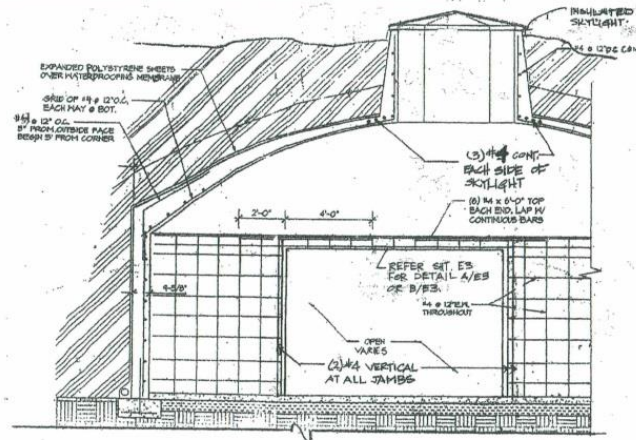
E FRAMING DETAIL-TYP. METAL STUD WALL



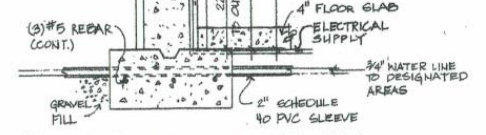
H SECTION @ CONCRETE WALL FOR ELECTRICAL



F FRAMING DETAIL-TYP. STUD WALL



G STEEL PLACEMENT - SECTION



H SECTION @ CONCRETE WALL FOR ELECTRICAL