

HOWARD COUNTY ADULT ACTIVITY CENTER

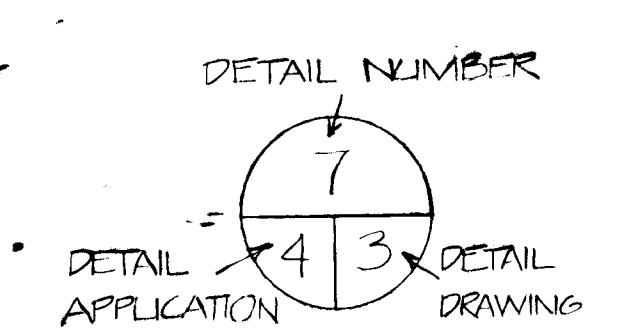
HOWARD COUNTY ASSOCIATION FOR RETARDED CITIZENS INC.

HOWARD COUNTY, MARYLAND

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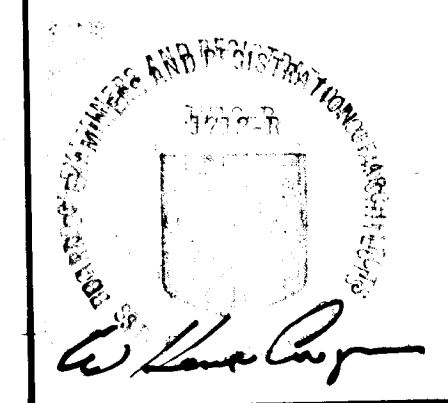
| DIV. NO. | ITEM |
|----------|------------------------------|
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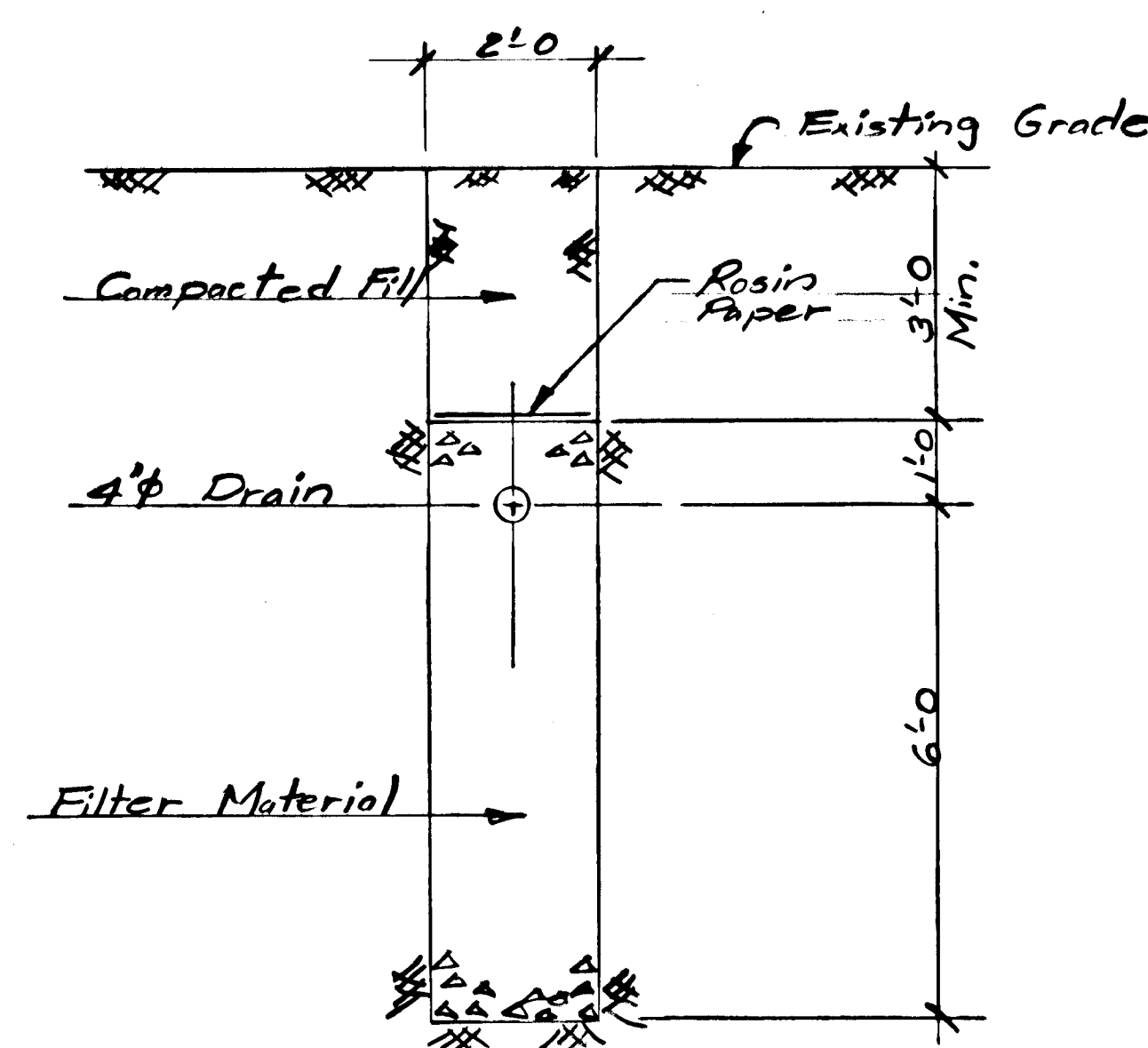
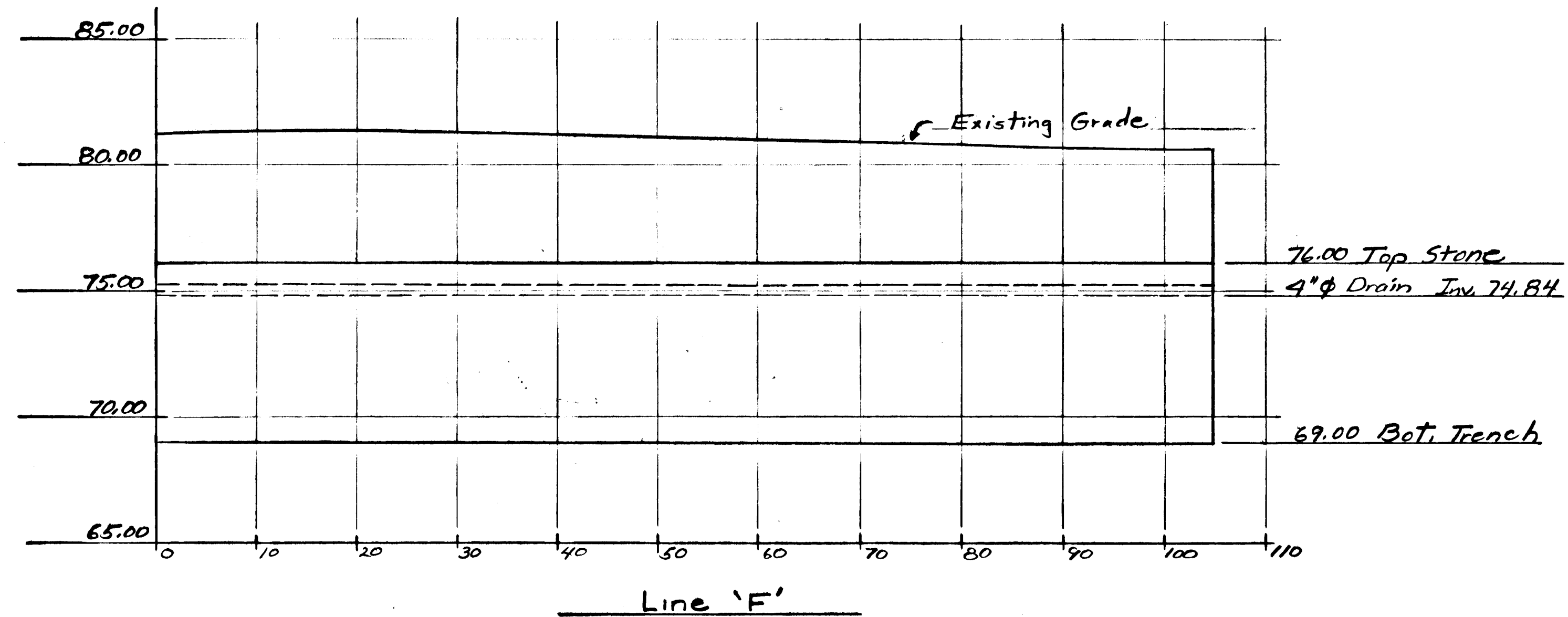
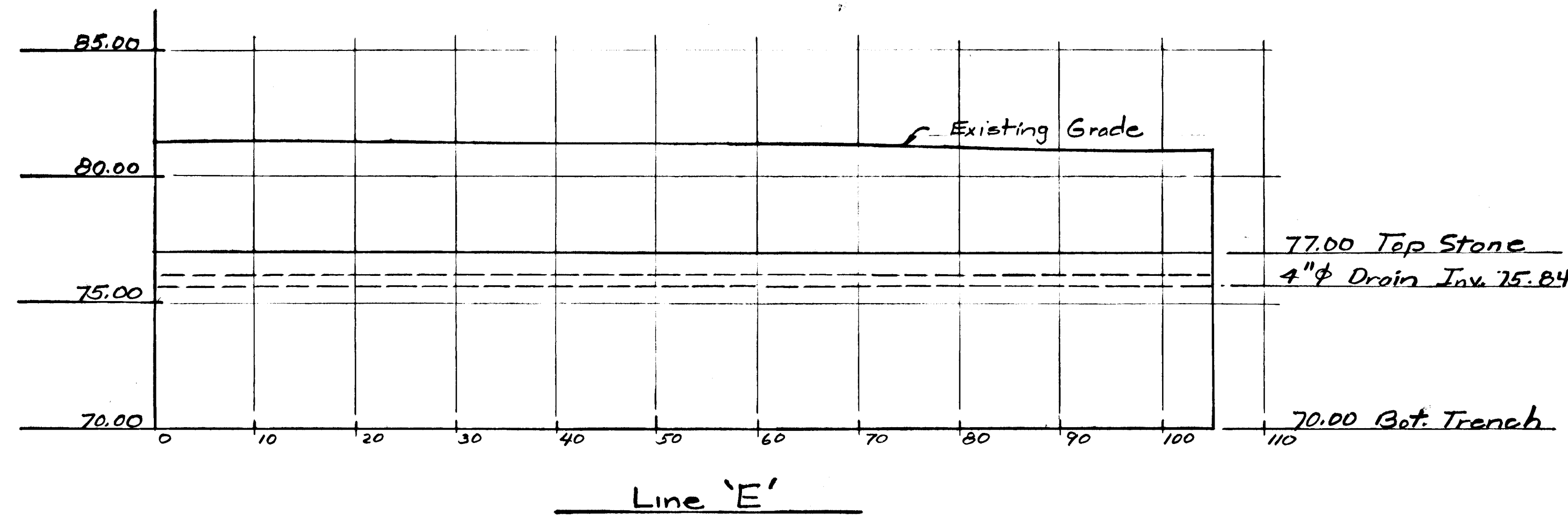
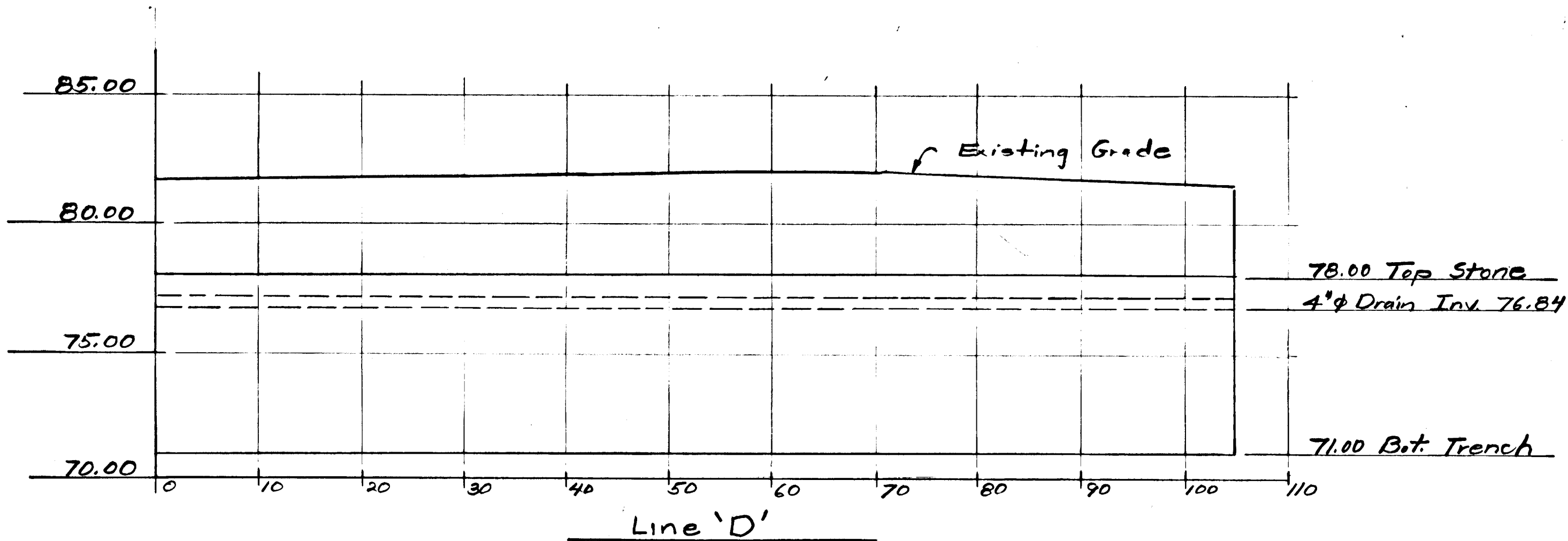
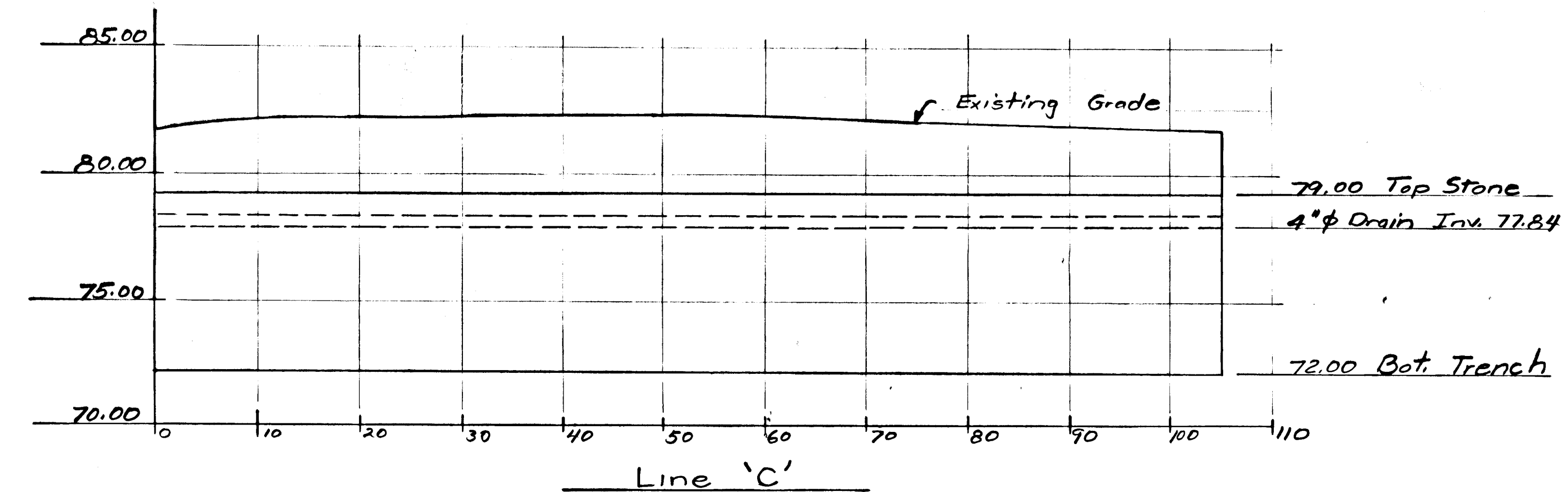
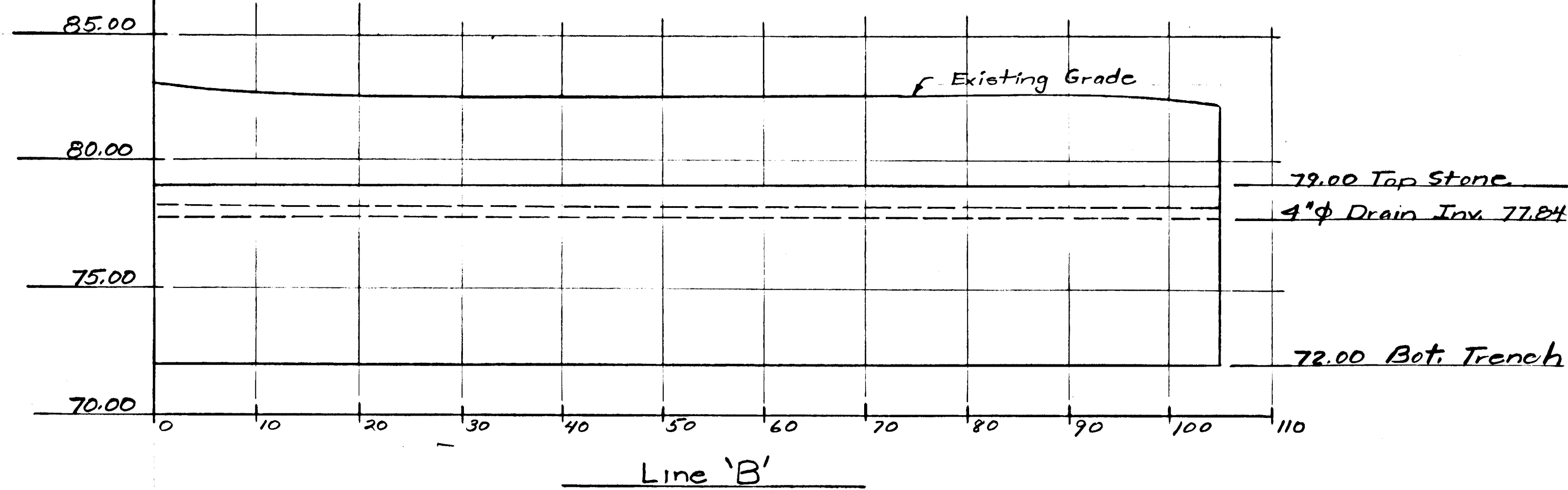
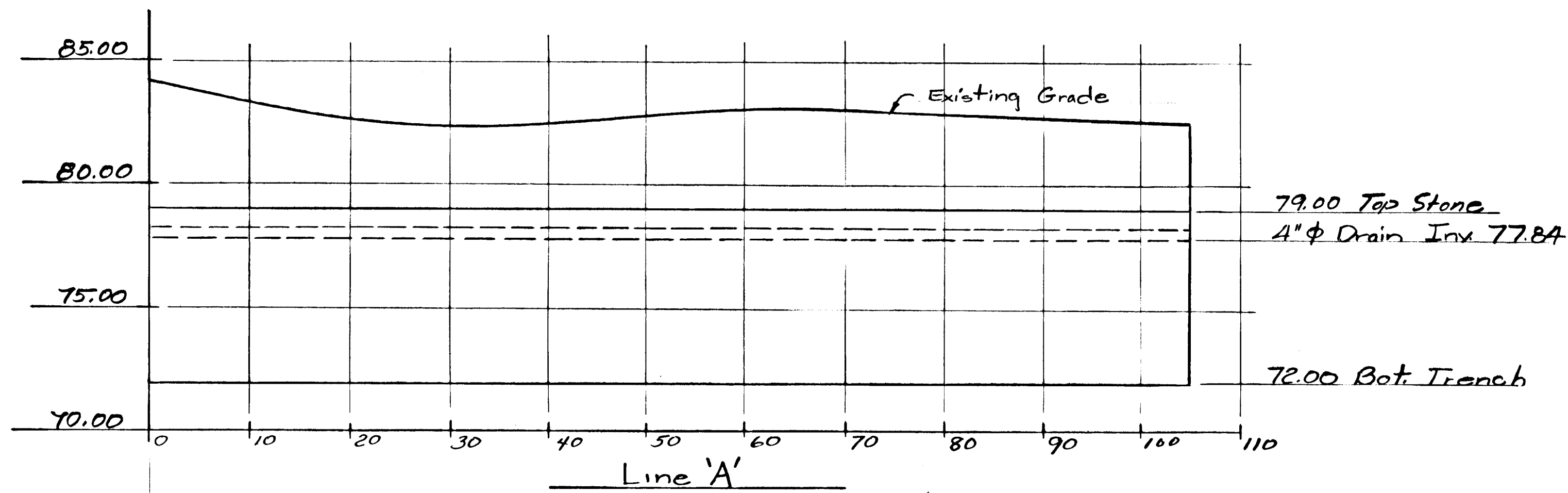
COOPER-LECKY PARTNERSHIP
Architects
 3203 Grace St. N.W.
 Washington D.C. 20007

LEE-THORP CONSULTING ENGINEERS INC.
Mechanical & Electrical Engineers
 8401 Connecticut Ave.
 Chevy Chase, Maryland 20015

DEWBERRY NEALON & DAVIS
Engineers Architects Planners Surveyors
 8411 Arlington Blvd.
 Fairfax, Virginia 22030



845



Trench Detail
1/2" = 1'-0"

Trenches: shall be consist of 6-105 Ft long trenches constructed to the depth & with shown on the details & profiles & shall be located as shown on the "Site Plan" (Sht 2)

4"φ Drain: shall be 4"φ pipe of open jointed or perforated construction of material of either vitrified clay, asbestos cement, bituminized fiber, cast iron or plastic.

Distribution Pipes: shall be 4"φ uncoated service or heavier weight bell & spigot cast iron.

Line Pipe: shall be 6"φ uncoated service or heavier weight bell & spigot cast iron.

Filter Material: shall be #2 washed gravel or crushed stone.

Compacted Fill: shall be in accordance with Division 2 - Excavation & Grading of the original contract documents.

Distribution Box: shall be as shown on Dwg P-1 of the original contract documents.

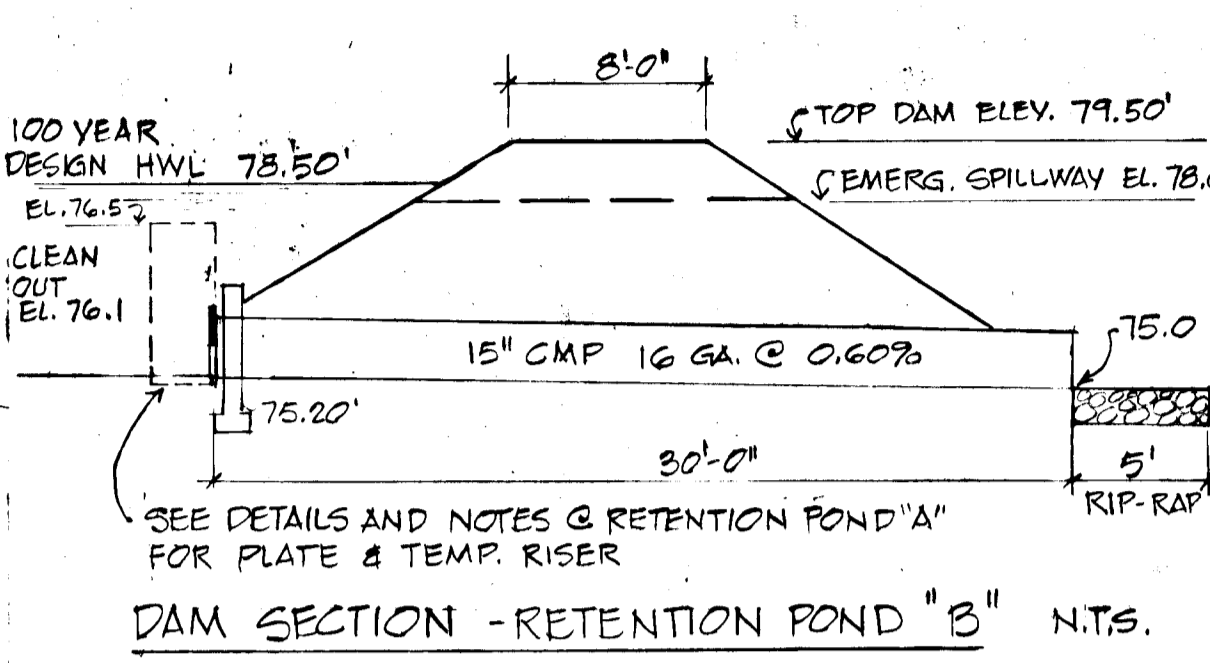
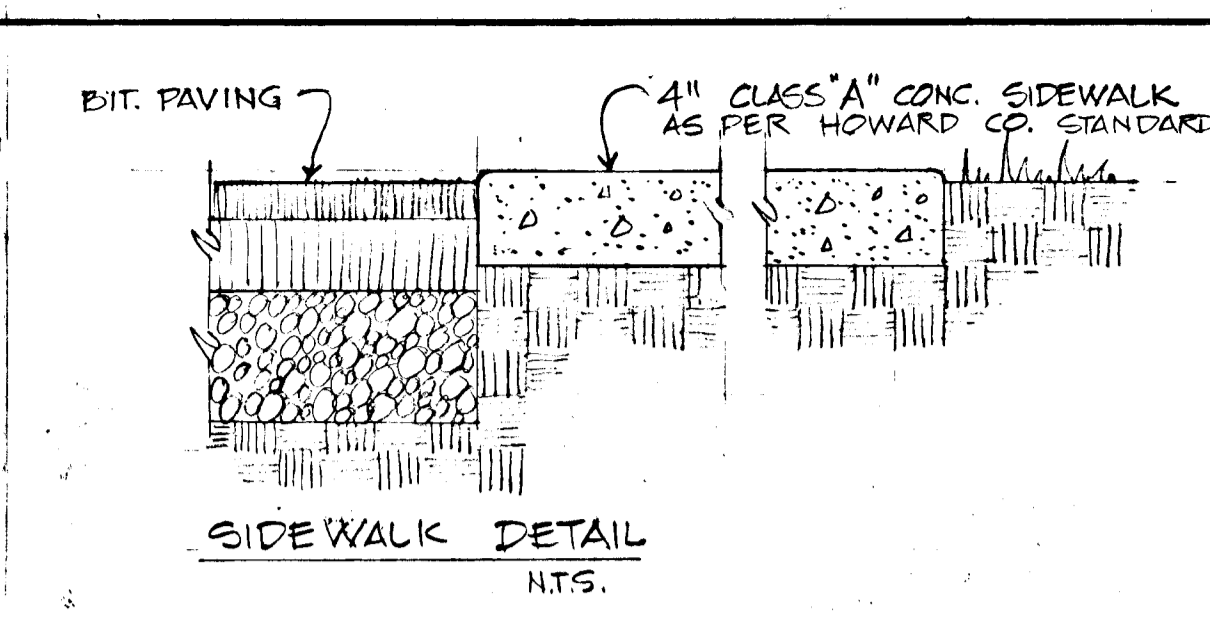
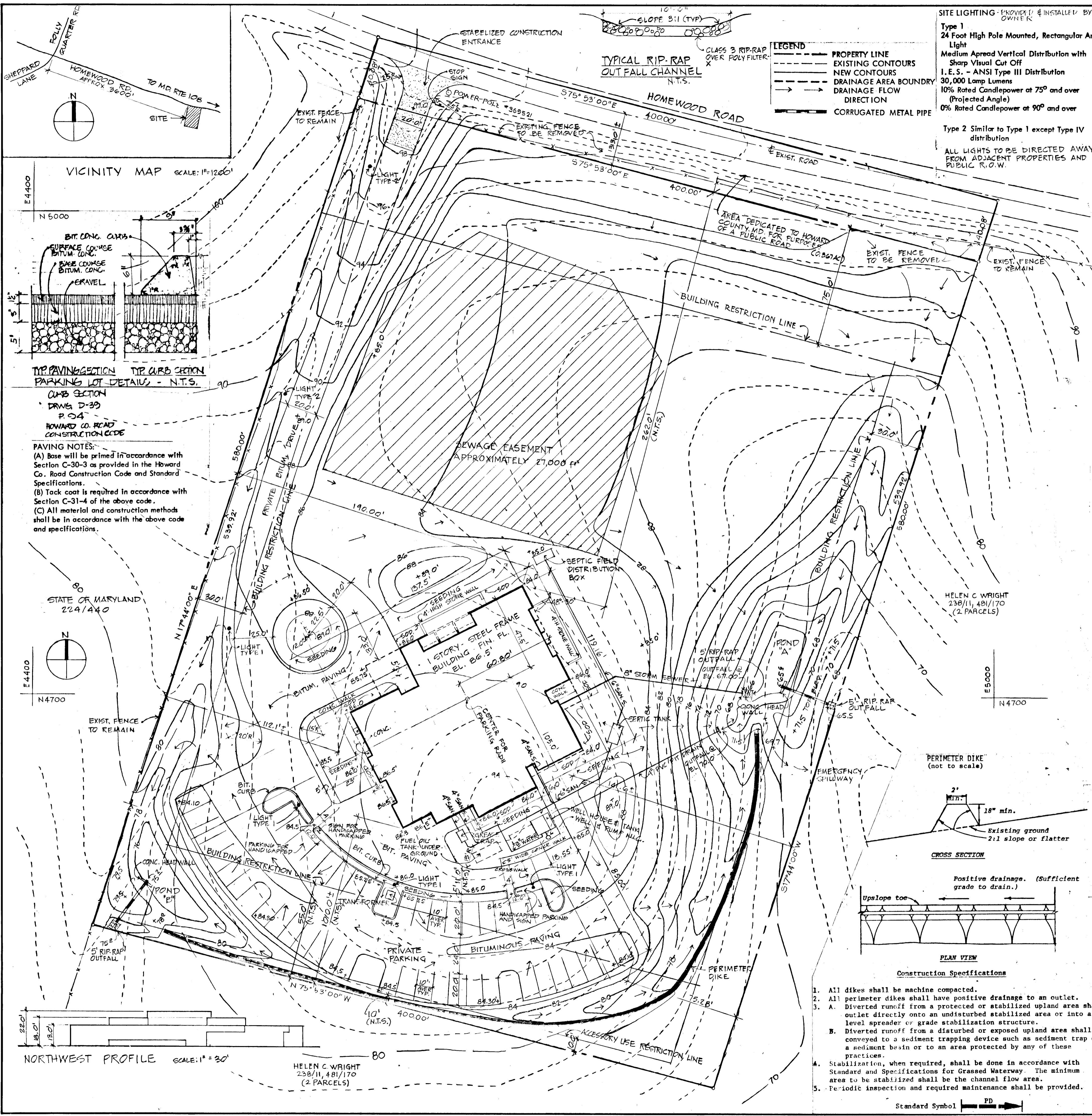
Note: Trench profile Scale = 1" = 10'-0" Horiz & 1" = 4'-0" Vert.

BAS

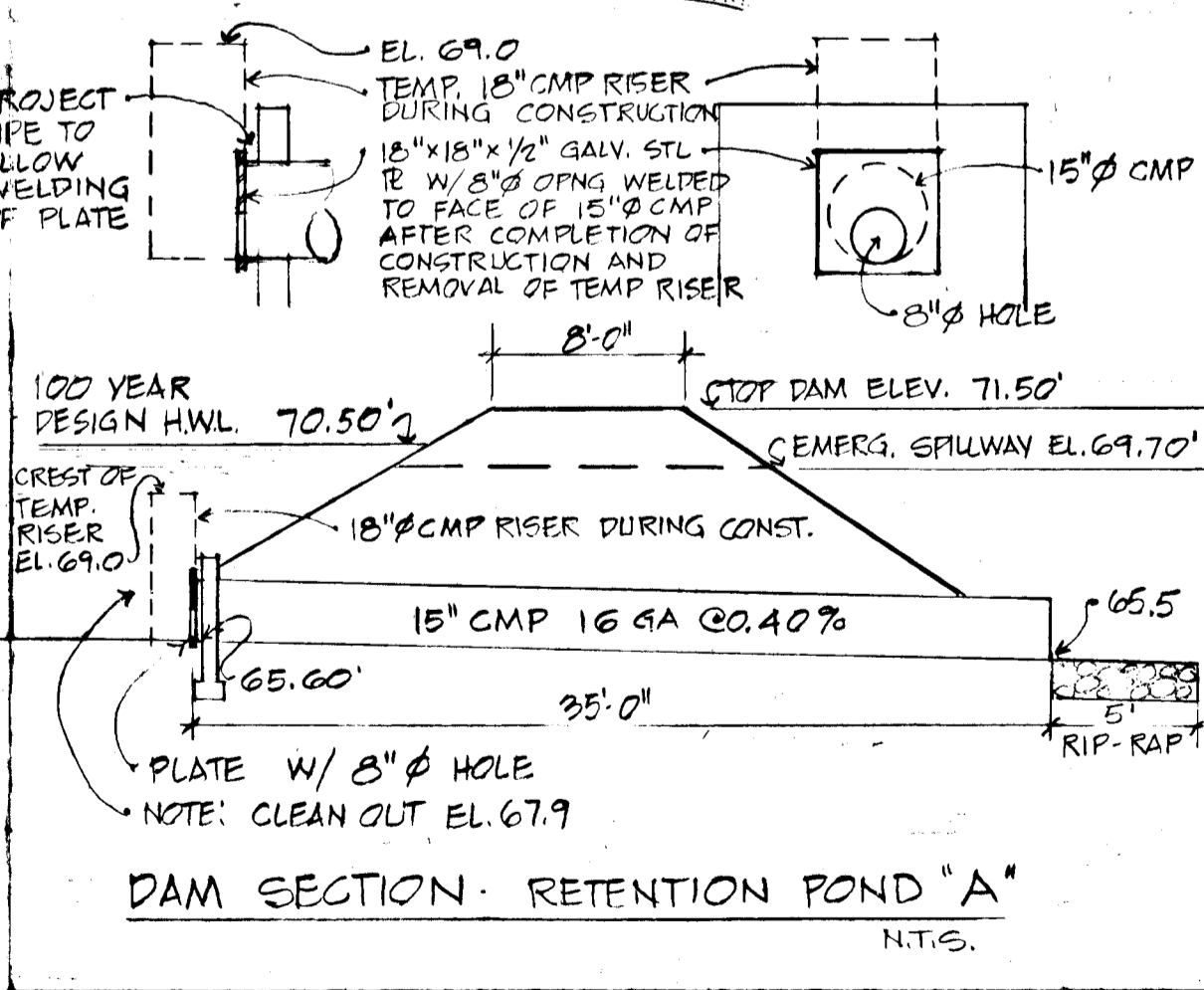
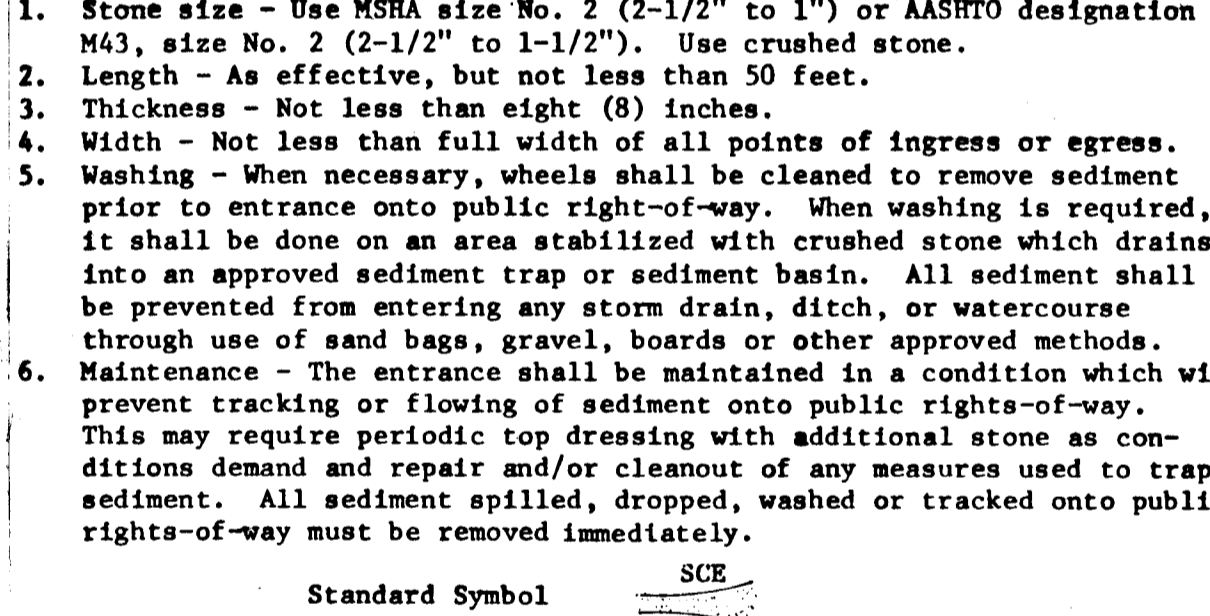
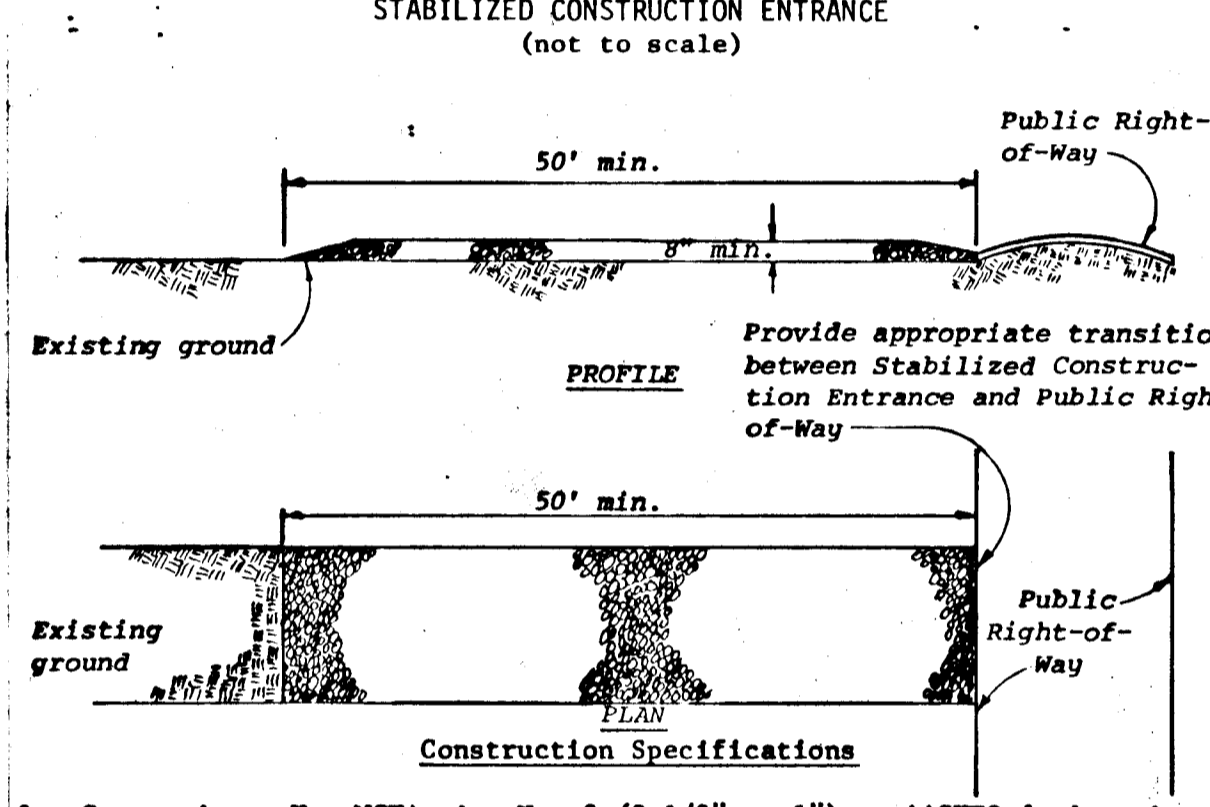
APPROVED: For private water and private sewerage systems, Howard County Health Department
William Fordus 12-4-78
 County Health Officer Date

HOWARD COUNTY ADULT ACTIVITY CENTER
 Hemewood Road, Howard County Maryland
 Fifth Election District Tax map 29 Parcel 321
 Wright Property Subdivision Lot No 1
 Owner - HOWARD COUNTY ASSOCIATION FOR RETARDED CITIZENS INC.
 Suite 251 Wilde Lake Village Green, Columbia, Maryland 21044
 SEPTIC SYSTEM - PROFILES + DET'S

HOWARD COUNTY
 DEPT. OF PUBLIC WORKS
 DATE 11/22/78
 REVISIONS
 DRAWING NO 2 OF 2



| TRAP NO. | DISTURBED AREA | STOR. VOL. REQ'D | STOR. VOL. PROVIDED | NOTE: STORAGE VOLUME WILL BE PROVIDED IN THE STORM WATER MANAGEMENT POND BY PROVIDING A TEMPORARY RISER DURING CONSTRUCTION. |
|----------|----------------|------------------|---------------------|--|
| A | 3.64 AC | 6675 CU.FT. | 6675 CU.FT. | |
| B | 0.83 AC | 1501 CU.FT. | 1501 CU.FT. | |



HOWARD COUNTY ADULT ACTIVITY CENTER
Homewood Road, Howard County Maryland
Fifth Election District Tax map 29 Parcel 321
Wright Property Subdivision Lot No 1

Owner - HOWARD COUNTY ASSOCIATION FOR RETARDED CITIZENS INC
Suite 251 Wilde Lake Village Green, Columbia, Maryland 21044

SITE PLAN

APPROVED: For private water and private sewerage systems, Howard County Health Department.

County Health Officer _____ Date _____

APPROVED: Howard County Office of Planning and Zoning.

Planning Director _____ Date _____

Chief, Division of Land Development _____ Date _____

APPROVED: For private water and private sewerage and storm drainage systems, and roads: Howard County Department of Public Works.

Director _____ Date _____

Chief, Bureau of Highways _____ Date _____

REVIEWED FOR _____ S.C.D.
and meets technical requirements.

Signature _____ Date _____
U.S. Soil Conservation Service

This development plan is approved for soil erosion and sediment control by the Howard Soil Conservation District.

Approved _____ Date _____
Howard S.C.D.

PAVING SPECIFICATION:
Paving shall be in accordance with Section 23 Paragraph 2301 of the Howard County Zoning Regulations.

SITE ANALYSIS:
Area - 5.326 Acres
Zone - R-1
No. of Employees - 35
Ground Floor Area - 13,050 Sq. Ft.
Recording Ref. No. - Plat Bk. 31 - Folio 37 - File No. F-7590

SEDIMENT CONTROL NOTES OBTAIN A GRADING PERMIT AND SHALL BUREAU OF INSPECTION AND PERMITS

- The developer shall notify the Howard County Soil Conservation District at least 24 hours prior to beginning any construction shown hereon (405-3780).
- Berms, sediment traps, etc., to be constructed prior to any on-site grading or disturbance to any existing surface material, and one to be stabilized as soon as possible.
- All sediment control structures to remain in place until permission for their removal has been obtained from the Howard County Soil Conservation District (405-3780 or 465-5000 EXT. 328). BUREAU OF INSPECTION AND PERMITS (405-2435).
- All graded areas not to be seeded shall be stabilized by seeding and mulching in accordance with the following:
 - Site Preparation:
 - Narrow or disc in areas proposed to be seeded the following materials at the specified rate, to a depth of 3":
 - Pulverized limestone at 1-1/2 tons/acre.
 - Commercial fertilizer 5-10-10 or 3/4 tons/acre.
 - Super phosphate at 600 lbs/acre.
 - Seeding:
 - Sow the following seed mixture at the rate of 200 lbs/acre, with a mechanical spreader:
 - 20% Annual Rye Grass.
 - 80% Kentucky Fescue.
 - The seeded area shall then be raked with a York Rake (a minimum of two passes), covered and compacted with Cultipacker or other approved method.
 - Mulching:
 - Seeded area shall be uniformly mulched immediately after seeding with undecomposed small grain straw at the rate of 1-1/2 tons to 2 tons/acre.
 - The mulch down with liquid asphalt at 0.1 gals./s.y. or emulsified asphalt at 0.04 gal./s.y. or mulch setting.

PARKING
No. of Employees - 35
No. of Clients - 100
Spaces Required - 45
Spaces Provided - 45 INCL. 2 HANDICAPPED SPACES

ENGINEER'S CERTIFICATE
I certify that this plan for erosion and sediment control represents a practical and workable plan based on my personal knowledge of the site conditions and that it was prepared in accordance with the requirements of the Howard Soil Conservation District.

Signature of Engineer _____ Date _____

DEVELOPER'S CERTIFICATE
I certify that all development and/or construction will be done according to this plan of development and plan for erosion and sediment control, and I also authorize periodic on-site inspection by the Howard Soil Conservation District or their authorized agents, as are deemed necessary. Deviation from this plan will not be made unless from this plan will not be made unless authorized by the Howard Soil Conservation District.

Date _____

ESTIMATED SCHEDULE & SEQUENCE OF CONSTRUCTION

- Construct all sediment control measures as shown on plan. - 6/1/78
- Begin grading. - 6/1/78
- Pave all areas as shown on plan and construct building. - 11/1/79
- Stabilize all disturbed areas not being paved by seeding or sodding. - 4/1/79
- Remove all sediment control measures and stabilize affected areas. - 5/1/79

GENERAL NOTES & SITE ANALYSIS

- Total Area - 5.33 Acres ±
- Area to be Paved & Building 1.15 Acres ±
- Area to be Re-vegetated - 3.77 Acres ±
- Undisturbed Area - 0.41 Acres ± DISTURBED AREA = 4.92 ACRES ±
- Elevations shown hereon are based on ASSUMED _____
- Bearings shown hereon are based on ASSUMED _____
- PERMANENT SCHEDULE - NONE

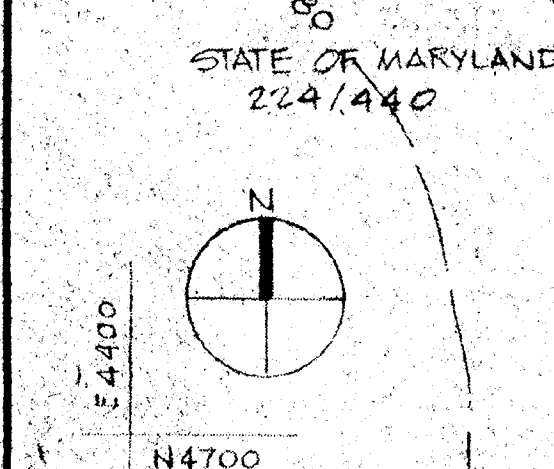
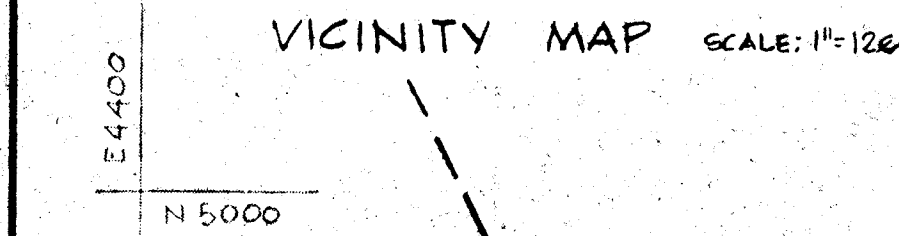
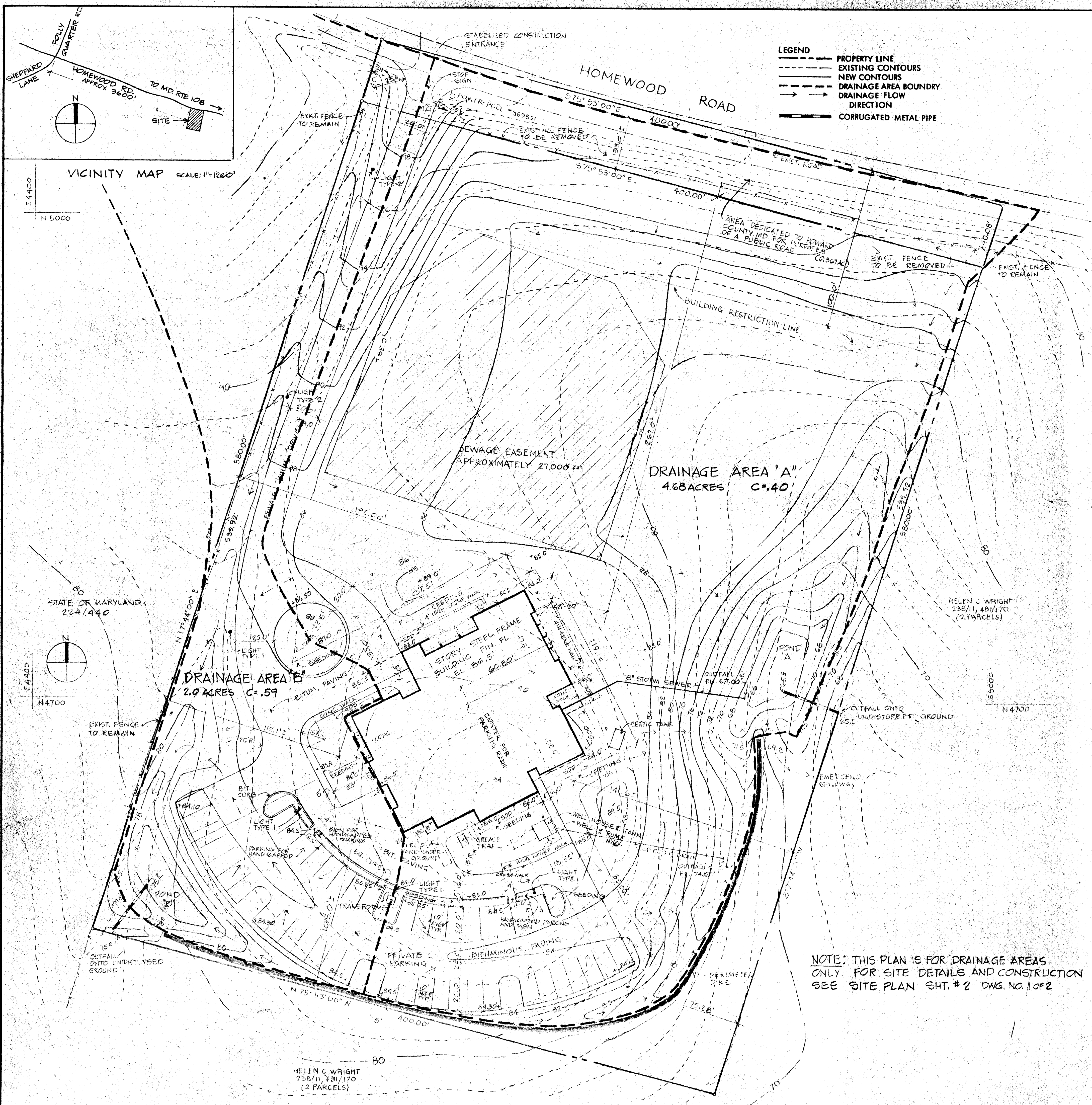
DRAWN W.J.M. **DATE** 1/27/78 **SCALE** 1"=30'-0"

COOPER • LECKY PARTNERSHIP ARCHITECTS
3203 GRACE ST. N.W. WASHINGTON D.C.

Owner - HOWARD COUNTY ASSOCIATION FOR RETARDED CITIZENS INC
Suite 251 Wilde Lake Village Green, Columbia, Maryland 21044

DATE _____ **REVISIONS** _____

DRAWING NO. 1 OF 2



- LEGEND**
- PROPERTY LINE
 - - - EXISTING CONTOURS
 - - - NEW CONTOURS
 - - - DRAINAGE AREA BOUNDARY
 - DRAINAGE FLOW DIRECTION
 - CORRUGATED METAL PIPE

GENERAL NOTE:
THE WELL AND PUMP ARE BEING PROVIDED BY THE OWNER. THE CONTRACTOR SHALL COORDINATE PLUMBING AND GRADING IN THIS AREA TO INSURE A FULLY OPERATIONAL & UNDISTURBED WATER SUPPLY SYSTEM.

NOTE: THIS PLAN IS FOR DRAINAGE AREAS ONLY. FOR SITE DETAILS AND CONSTRUCTION SEE SITE PLAN SHT. # 2 DWG. NO. 1 OF 2

APPROVED: For private water and private sewerage systems, Howard County Health Department.

County Health Officer _____ Date _____

APPROVED: Howard County Office of Planning and Zoning.

Planning Director _____ Date _____

Chief, Division of Land Development _____ Date _____

APPROVED: For storm drainage systems, and roads: Howard County Department of Public Works.

Director _____ Date _____

Chief, Bureau of Highways _____ Date _____

REVIEWED FOR _____ S.C.D.

and meets technical requirements.

Signature _____ Date _____

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Zone - R
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Ground Floor Area - 13,050 Sq. Ft.
Recording Ref. No. - Plat Bk. 31 - Folio 37 - File No. F-7590

SEDIMENT CONTROL NOTES OBTAIN A GRADING PERMIT AND SHALL BUREAU OF INSPECTION AND PERMITS

- The developer shall notify the Howard County Soil Conservation District at least 24 hours prior to beginning any construction shown hereon (866-3183).
- Barrs, sediment traps, etc., to be constructed prior to any earth grading or disturbance to any existing surface material, and are to be stabilized as soon as possible.
- All sediment control structures to remain in place until permission for their removal has been obtained from the Howard County Soil Conservation District (866-3183).
- All graded areas not to be sodden shall be stabilized by seeding and mulching in accordance with the following:
 - Site Preparation:
 - Harrow or disc in areas proposed to be seeded the following materials at the specified rate, to a depth of 3":
 - 1) Pulverized limestone at 1-1/2 tons/acre.
 - 2) Commercial fertilizer 5-10-10 or 3/4 tons/acre.
 - 3) Super phosphate at 600 lbs/acre.
 - Seeding:
 - Sow the following seed mixture at the rate of 200 lbs/acre, with a mechanical grader.
 - 1) 20% Annual Ryegrass.
 - 2) 80% Kentucky Fescue.
 - The seeded area shall then be raked with a York Rake (a minimum of two passes), covered and compacted with Cultipacker or other approved method.
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 - Tie mulch down with liquid asphalt at 0.1 gal/s.y. or emulsified asphalt at 0.04 gal/s.y. or mulch setting.

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Spaces Provided - 45 INCL. 2 HANDICAPPED SPACES

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Signature of Engineer _____ Date _____

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Date _____

ESTIMATED SCHEDULE & SEQUENCE OF CONSTRUCTION

- Construct all sediment control measures as shown on plan. - 6/1/78
- Begin grading. - 6/1/78
- Pave all areas as shown on plan and construct building. - 11/1/78
- Stabilize all disturbed areas not being paved by seeding or sodding. - 4/1/79
- Remove all sediment control measures and stabilize affected areas. - 5/1/79

GENERAL NOTES & SITE ANALYSIS

- Total Area - 5.33 Acres +
- Area to be Paved & Building 1.15 Acres +
- Area to be Revegetated - 3.77 Acres
- Undisturbed Area - 0.41 Acres + DISTURBED AREA = 4.90 ACRES ±
- Elevations shown hereon are based on ASSUMED _____
- Bearings shown hereon are based on ASSUMED _____
- PRELIMINARY SOLUTION - MARGIE TRAVELLY, L.S.M.

DRAWN W.J.M. **DATE** 1/27/78 **SCALE** 1" = 30'-0"

HOWARD COUNTY ADULT ACTIVITY CENTER
Homewood Road, Howard County Maryland
Fifth Election District Tax map 29 Parcel 321
Wright Election Subdivision Lot No 1

OWNER - HOWARD COUNTY ASSOCIATION FOR RETARDED CITIZENS INC.
Suite 251 Wilde Lake Village Green, Columbia, Maryland 21044

COOPER • LECKY PARTNERSHIP ARCHITECTS
3203 GRACE ST. N.W. WASHINGTON D.C.

1712-R
DATE _____
REVISIONS _____

DRAINAGE AREA PLAN

DRAWING NO. 2 OF 2

1. GENERAL PROVISIONS
- Proprietary Names: Whenever specific names are used in the Contract Documents for any material or equipment, such names shall be construed as a standard to establish quality and accurately define the item. An item of equal or superior qualifications may be used. Written approval from the Inspecting Officer, however, is required for any such substitution. Changes to detailing systems as a result of substitutions shall be the responsibility of the Contractor.
- Order of Priority: Where there is a conflict between drawings and specifications, the Contractor shall notify the Owner's Representative in accordance with the provisions of the General Conditions. The following order of priority shall apply, unless stated otherwise by the Owner's Representative:
1. Drawing notes and dimensions
 2. Specification Notes
 3. Drawing Indications
 4. Technical Specifications
 5. Industry Standards or Manufacturer's Directions.

2. SITE WORK
- Handicapped Signs: Fabricate from double faced marine grade medium density overlaid plywood conforming to product standard PS-1-66. Post to be pressure preservative treated and painted white.
- Interior Plants: All interior plants are N.I.C.
- BITUMINOUS PAVING: See detail notes and tech. specs.

6. CARPENTRY & MILLWORK:
- Shelving shall be 3/4" thick 2.6 pounds per sq. ft., 3 ply, wood chip, wood flake and resin particle board with factory filled surfaces. Exposed edges of shelves to be edge banded. Equal to filled Novoply by Champion Building Products.
10. MISCELLANEOUS ACCESSORIES:
- Shelf brackets and standards: Standards shall be slotted channel 5/8" wide by 7/16" deep with slots @ 1" O.C. - satin chrome finish. Equal to No. 80 by Knap & Vogt Mfg. Co. Brackets shall be friction grip double hook brackets with hook end to retain shelving to suit shelf width. Equal to No. 170 by Knap & Vogt Mfg. Co.
- Shelf and rod supports shall be 10" high 11" deep angle bracket with hook for holding rod. Equal to No. 1195 by Knap & Vogt Mfg. Co.
- Clothes rods for lengths under 4'0" shall be extension type telescoping tubing with flange ends equal to No. K-V2 by Knap & Vogt Mfg. Co.
- For rods 4'-0" and longer rod shall be 1-1/16" O.D. stainless clad steel tubing with slip-on end flanges equal to No. 660 rod and No. 734 flange by Knap and Vogt Mfg. Co.

REVISIONS

FEB. 2, 1978 95% SUBMISSION

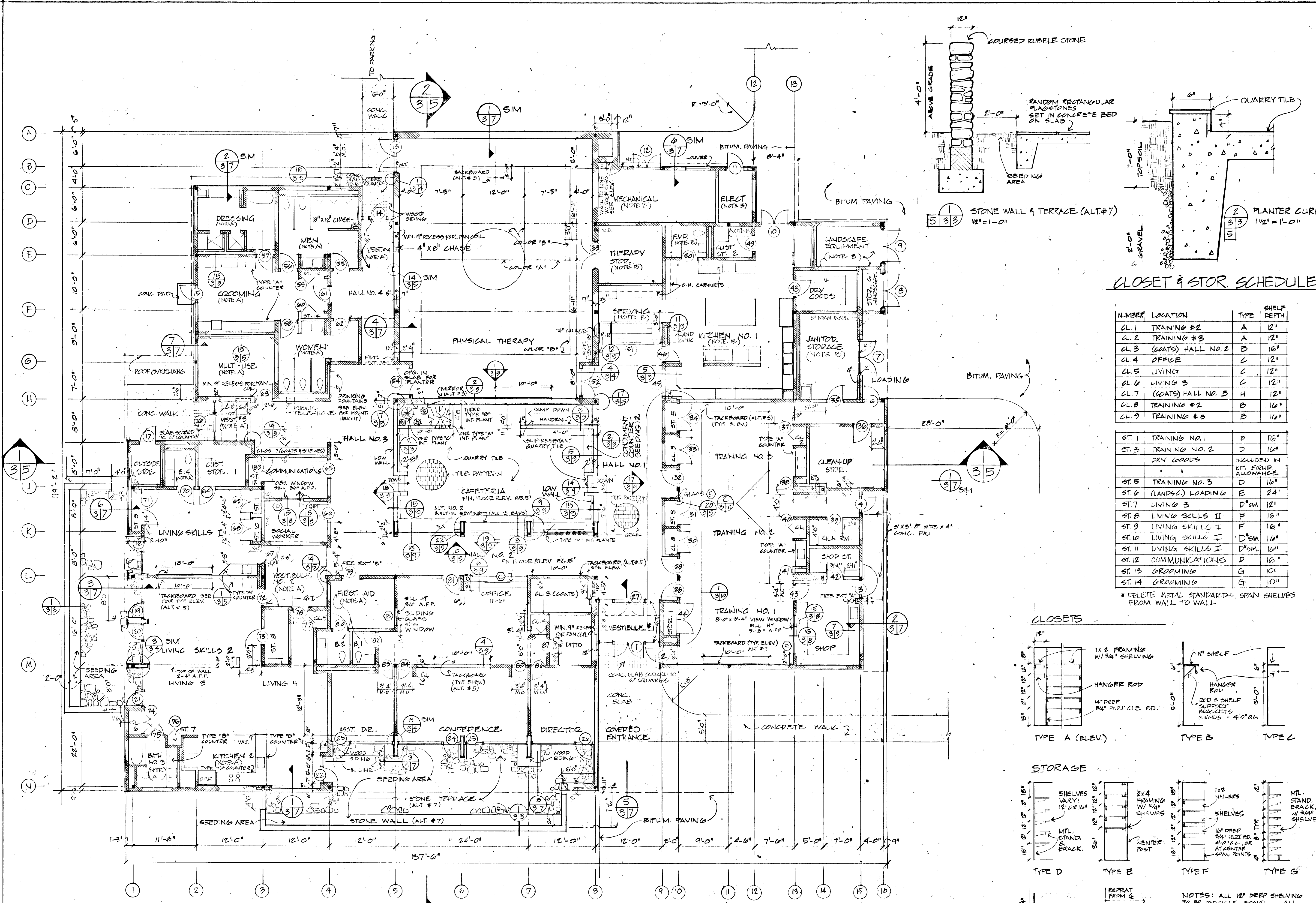
DRAWN DATE SCALE
WPL CLK LS 1/8" = 1'-0"

COOPER-LECKY PARTNERSHIP ARCHITECTS
3203 GRACE ST NW WASHINGTON D.C.

HOWARD COUNTY ADULT ACTIVITY CENTER

FLOOR PLAN

DRAWING NO.

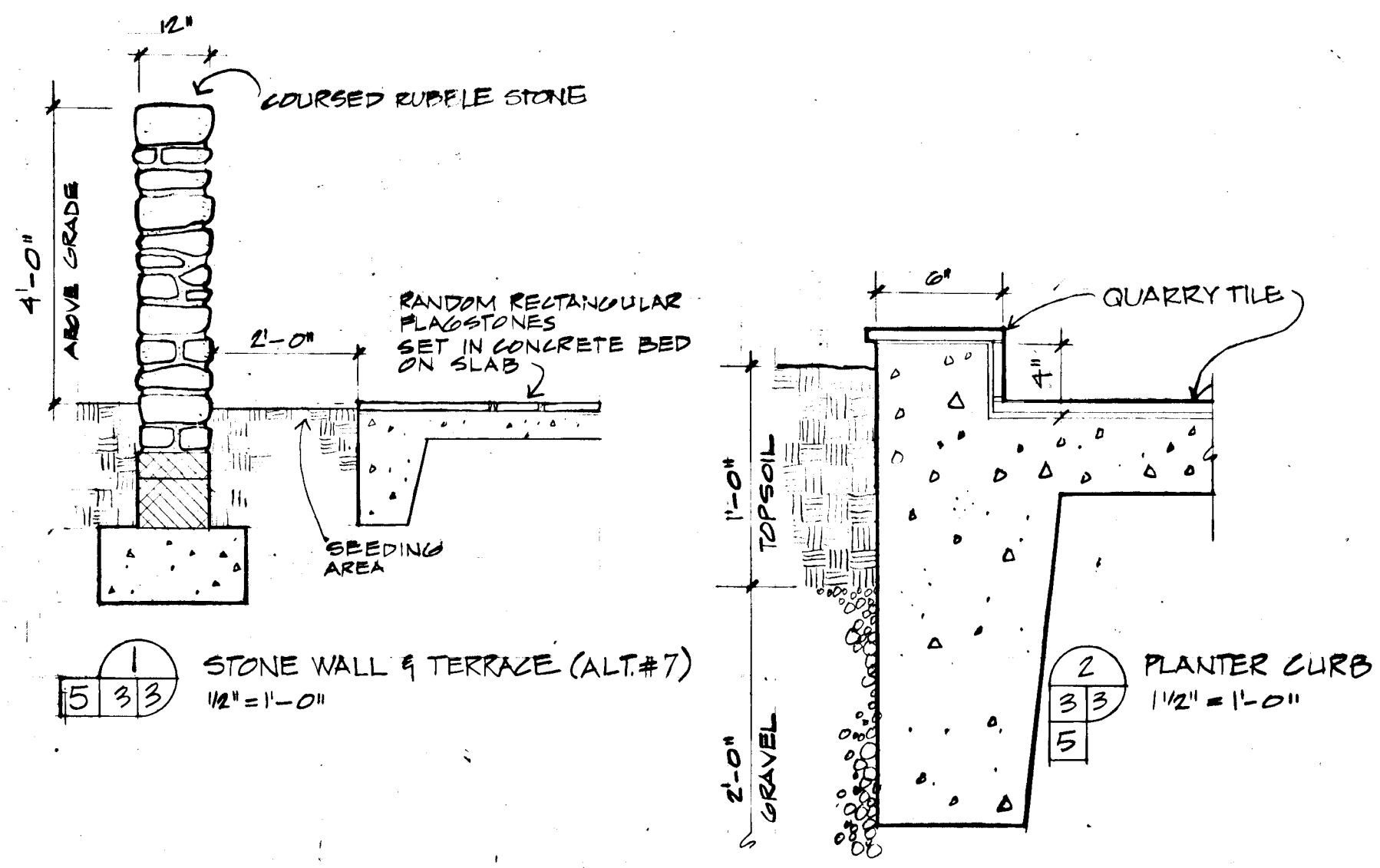


FLOOR PLAN
SCALE: 1/8" = 1'-0"

NOTES:

A = SEE SHT. 11 FOR DIMENSIONS IN THIS AREA
B = SEE SHT. 12 FOR DIMENSIONS IN THIS AREA

SEE SECTIONS AND REFLECTED CEILING PLAN FOR WALL HEIGHTS. WALLS SHOWN AS SINGLE LINE ON REFLECTED CEILING PLAN INDICATE 7'-0" HIGH MASONRY WALLS WITH GLASS ABOVE.

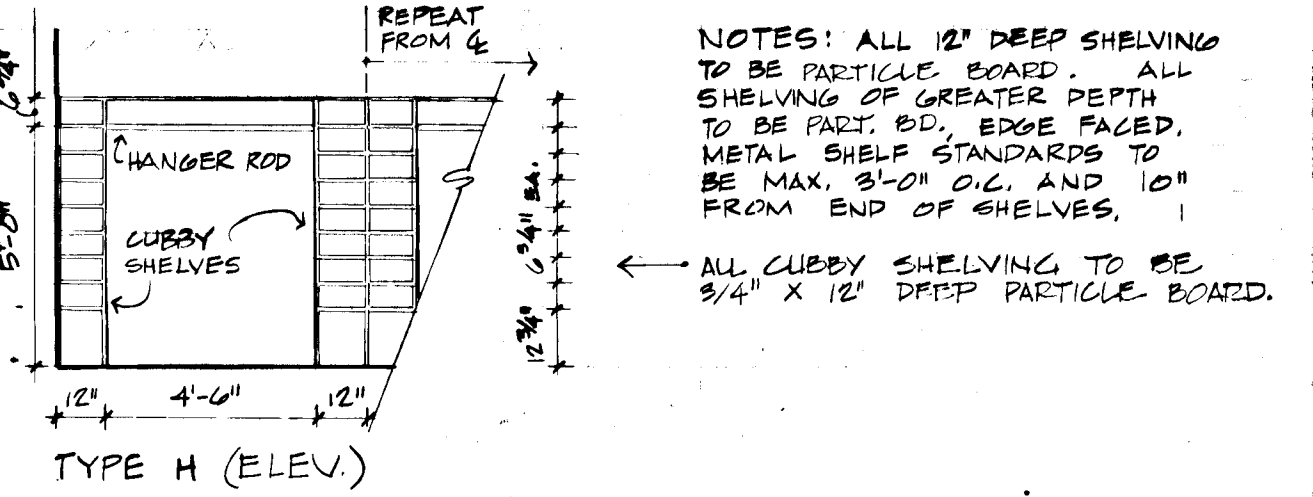
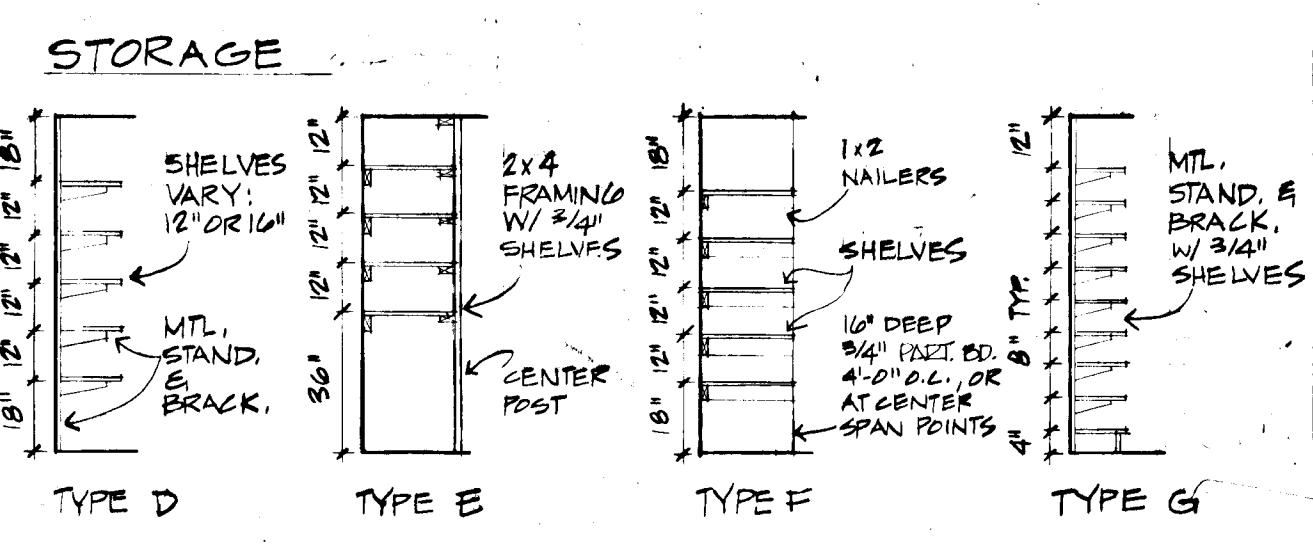
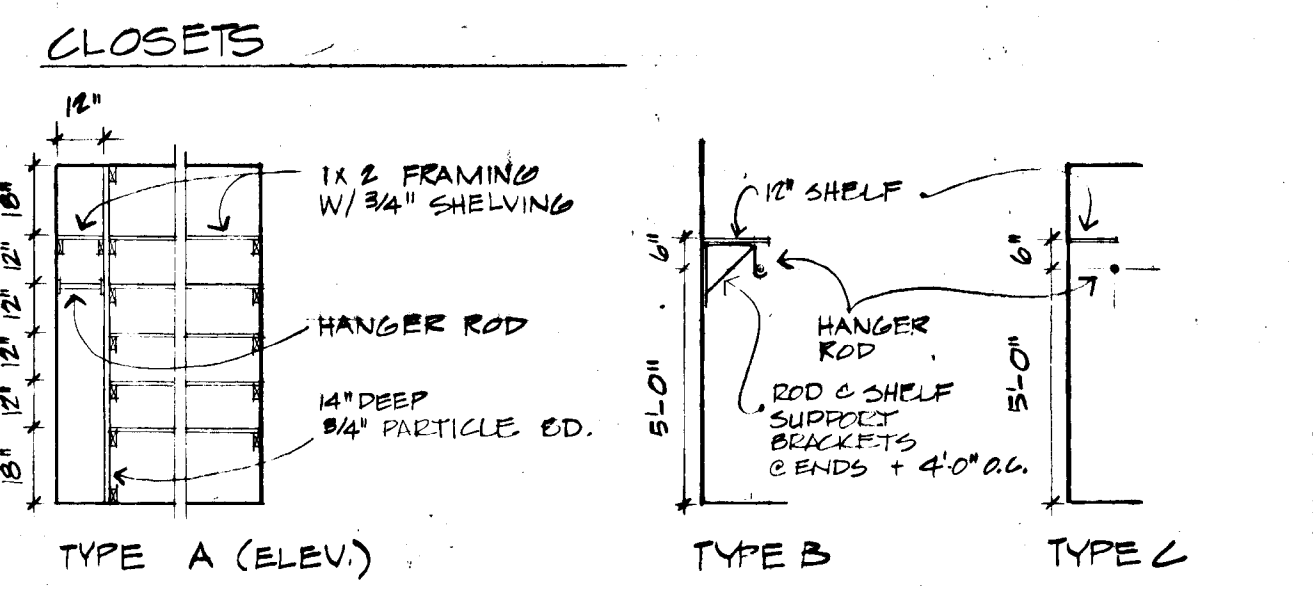


CLOSET & STOR. SCHEDULE

| NUMBER | LOCATION | TYPE | SHelf DEPTH |
|--------|--------------------|------|-------------|
| CL. 1 | TRAINING #2 | A | 12" |
| CL. 2 | TRAINING #3 | A | 12" |
| CL. 3 | (COATS) HALL NO. 2 | B | 16" |
| CL. 4 | OFFICE | C | 12" |
| CL. 5 | LIVING 3 | C | 12" |
| CL. 6 | LIVING 3 | C | 12" |
| CL. 7 | (COATS) HALL NO. 3 | H | 12" |
| CL. 8 | TRAINING #2 | B | 16" |
| CL. 9 | TRAINING #3 | B | 16" |

| ST. # | TRAINING NO. | TYPE | SHelf DEPTH |
|--------|-------------------|-------|------------------------------------|
| ST. 1 | TRAINING NO. 1 | D | 16" |
| ST. 3 | TRAINING NO. 2 | D | 16" |
| | DRY GOODS | | INCLUDED IN KIT. EQUIP. ALLOWANCE. |
| ST. 5 | TRAINING NO. 3 | D | 16" |
| ST. 6 | (LANDSC.) LOADING | E | 24" |
| ST. 7 | LIVING 3 | D SIM | 12" |
| ST. 8 | LIVING SKILLS II | F | 16" |
| ST. 9 | LIVING SKILLS I | F | 16" |
| ST. 10 | LIVING SKILLS I | D SIM | 16" |
| ST. 11 | LIVING SKILLS I | D SIM | 16" |
| ST. 12 | COMMUNICATIONS | D | 16" |
| ST. 13 | GROOMING | G | 10" |
| ST. 14 | GROOMING | G | 10" |

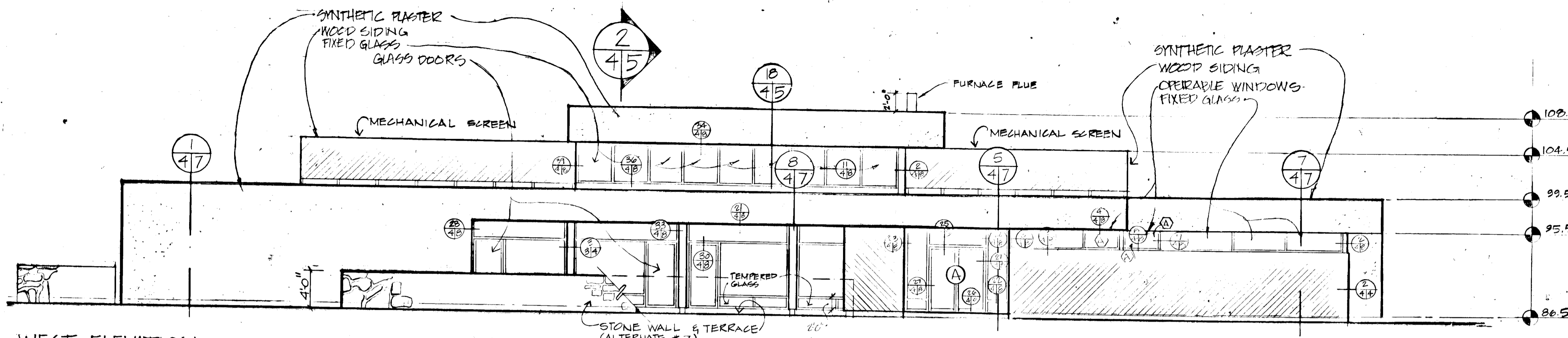
* DELETE METAL STANDARDS. SPAN SHELVES FROM WALL TO WALL



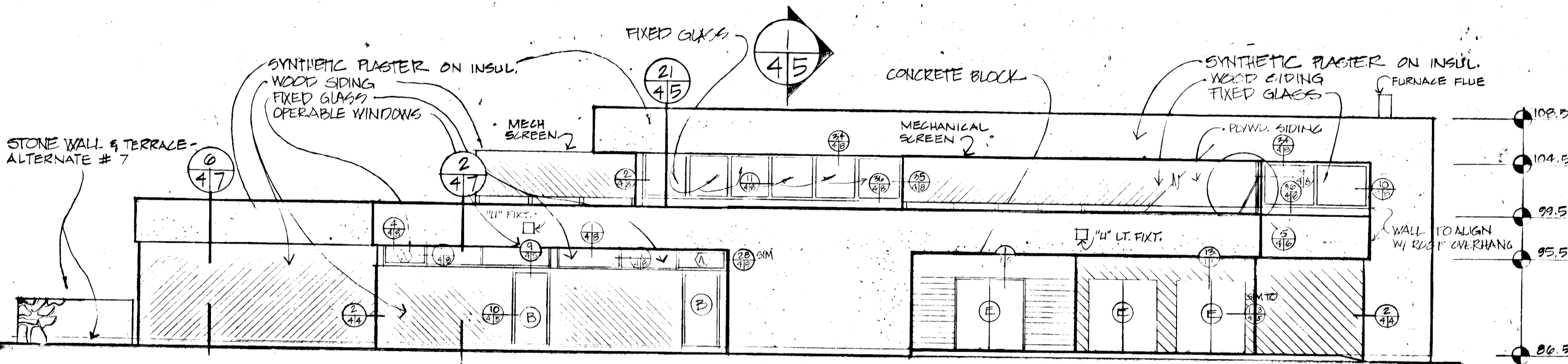
NOTES: ALL 12" DEEP SHELVING TO BE PARTICLE BOARD. ALL SHELVING OF GREATER DEPTH TO BE PART. BD., EDGE FACED. METAL SHELF STANDARDS TO BE MAX. 3'-0" O.C. AND 10" FROM END OF SHELVES.

ALL CUBBY SHELVING TO BE 3/4" X 12" DEEP PARTICLE BOARD.

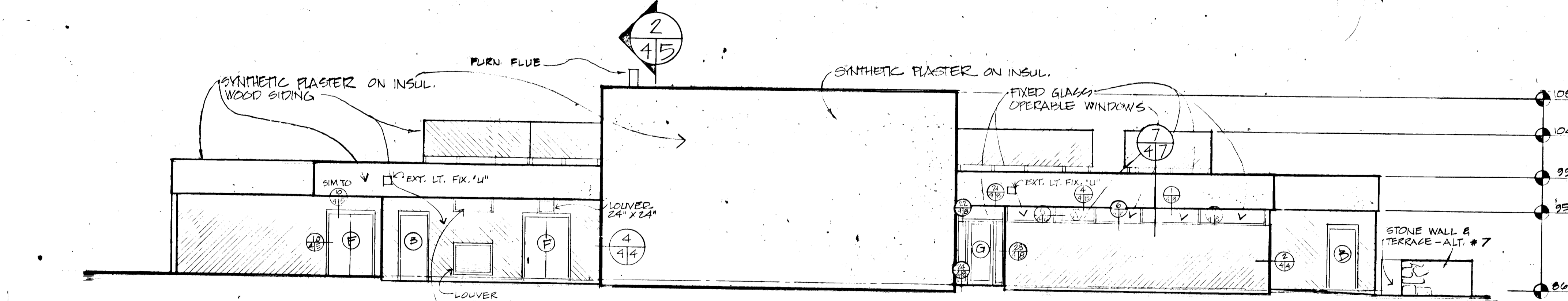
845



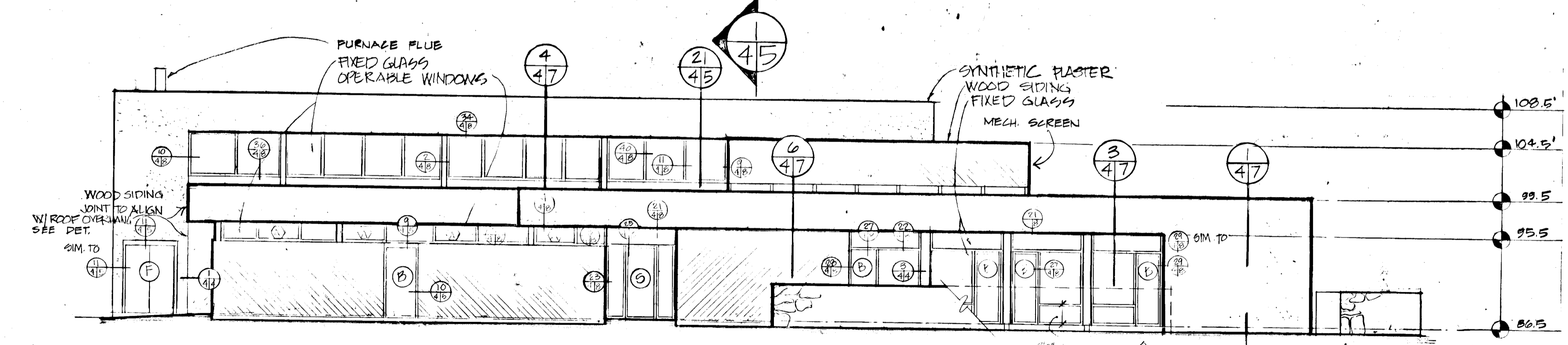
WEST ELEVATION
SCALE 1/8" = 1'-0"



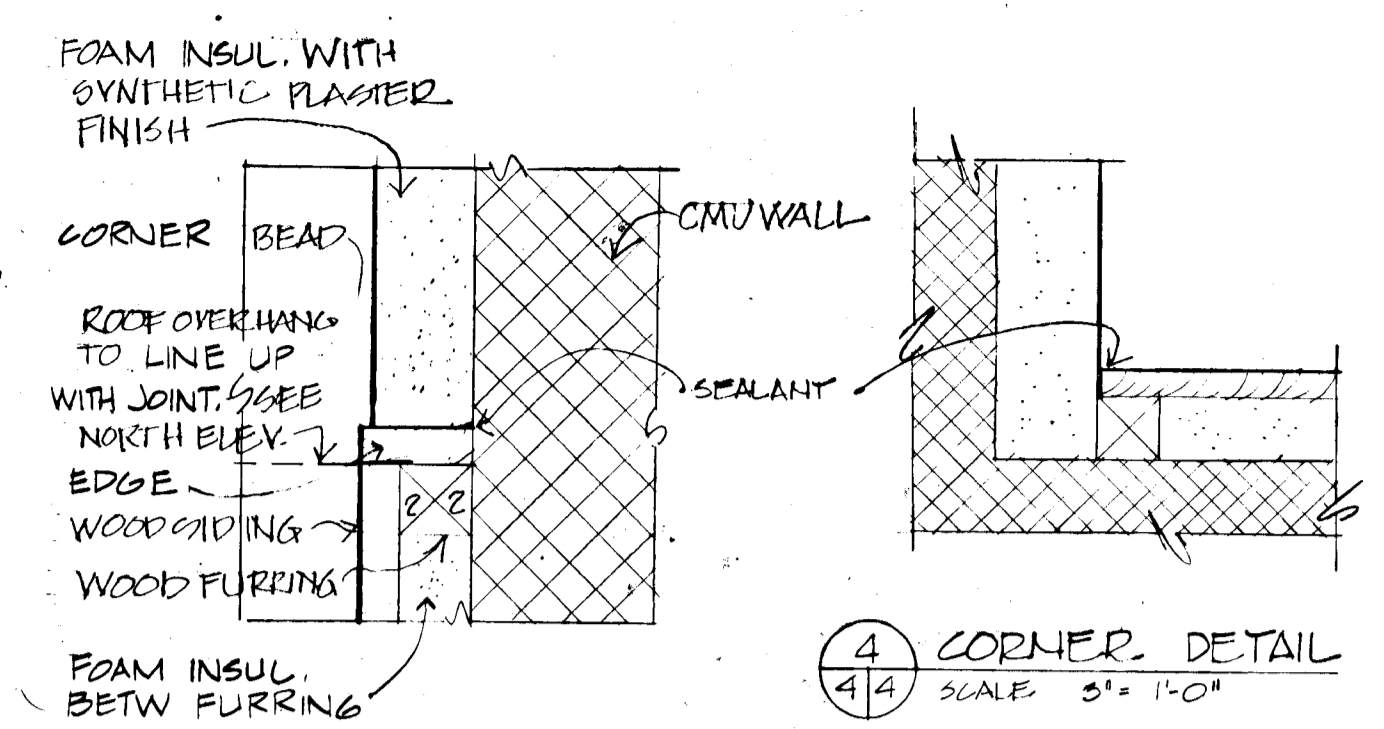
SOUTH ELEVATION
SCALE 1/8" = 1'-0"



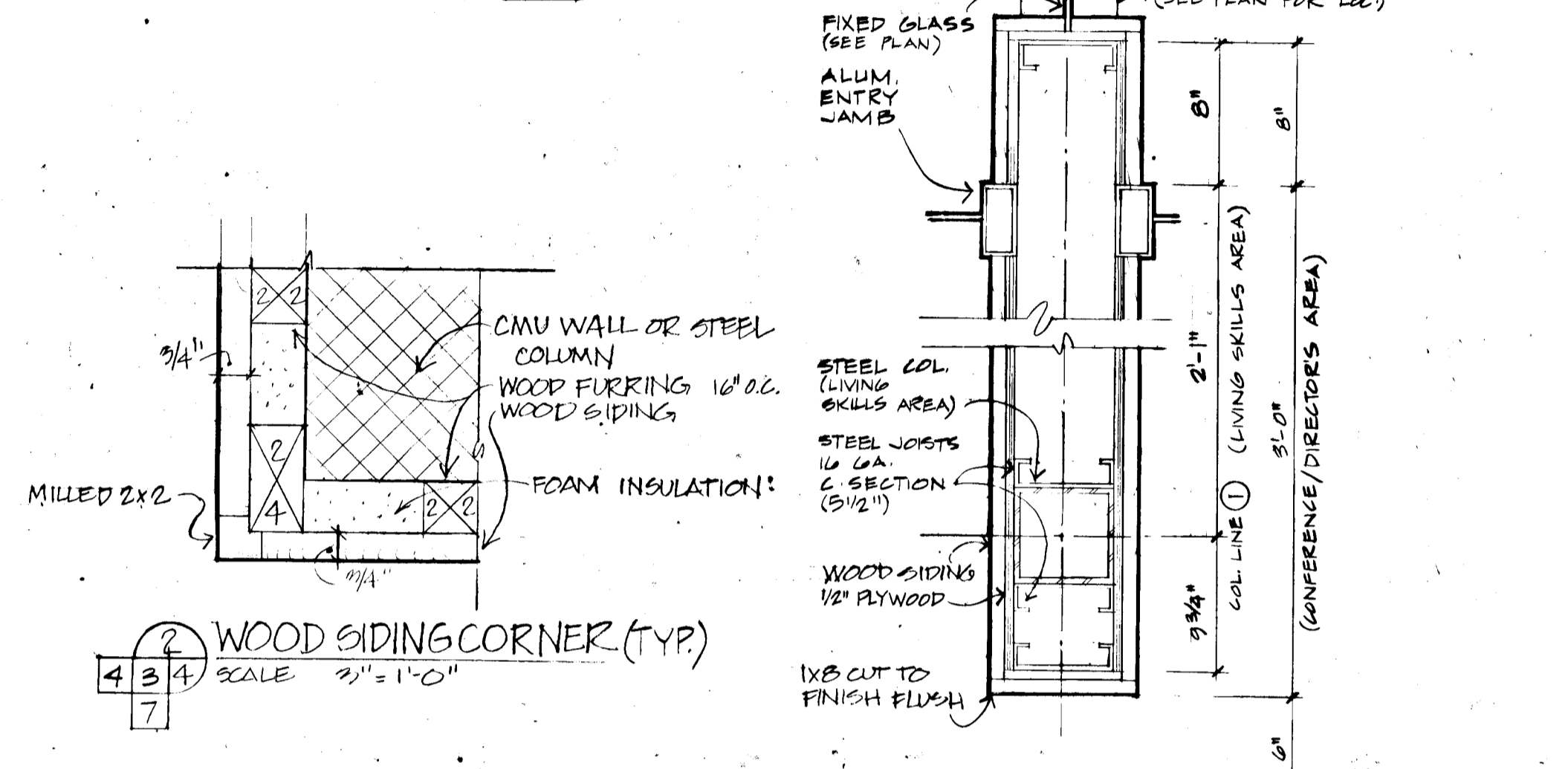
EAST ELEVATION
SCALE 1/8" = 1'-0"



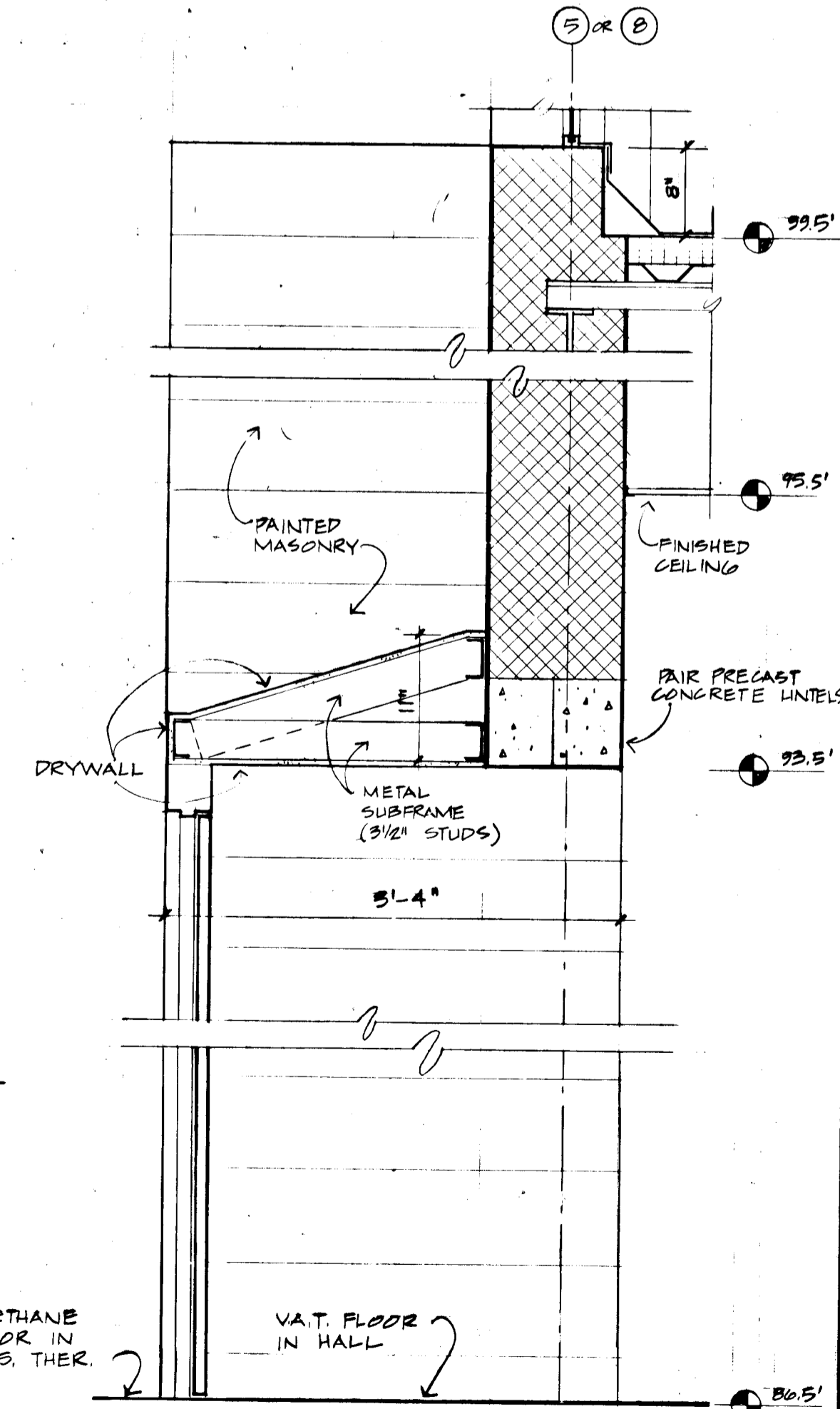
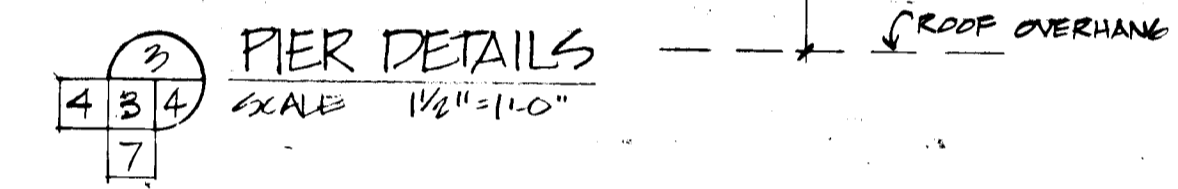
NORTH ELEVATION
SCALE 1/8" = 1'-0"



EXT. WALL DETAIL
SCALE 3/4" = 1'-0"



WOOD SIDING CORNER (TYP.)
SCALE 3/4" = 1'-0"



SECT. THRU PHYSICAL THERAPY ENTRY
SCALE 1" = 1'-0"

4. STONEMASONRY:

Wall stones to be gneiss and mica schist broken face ashlar; random ashlar pattern with raked joints. Stone to be equal to "Stonyhurst" furnished by Stonyhurst Quarries. Flagstones to be natural cleft Pennsylvania Bluestone min. 1 inch thick, random rectangular pattern. Install over concrete slab with 1" maximum mortar. Mortar to be 1 part Portland Cement to 3 parts washed sand.

6. CARPENTRY & MILLWORK

General: All plywood, siding, trim, benches, planks, etc. located in the Cafeteria or corridor areas to be pressure impregnated fire retardant treated to obtain Class A flamespread rating.

Wood siding and related trim to be western red cedar AW1 economy grade siding. Nominal 1 x 6 tongue and groove "vee" joint boards. Boards to be applied diagonally at 45° in direction indicated. Install with tongue up. On exterior, boards to run full height without joints. On interior, end joints to be minimum 8'-0" O.C. and staggered minimum 4'-0" in alternate rows. Boards to be blind nailed. Where face nailing is required, nails to be aluminum finishing nails. Finish to be semi-transparent stain, preserver and water repellent. Color to be selected by Architect.

PLYWOOD SIDING:

Exterior grade fir Texture 1-11 - 8" O.C. grooves with shiplapped edges. Screw apply with panel adhesive over drywall. Screws to penetrate drywall and fasten to steel studs.

9. SYNTHETIC PLASTER AND INSULATION WALL SYSTEM

See Technical Specifications.

All exterior corners shall have plastic corner beads. All exposed edges to have .045 gauge plastic casing beads. Juncures with other materials shall have casing beads at visible locations and all junctures to be caulked watertight. All walls adjacent to pedestrian traffic or entrances and terraces shall have a double layer of reinforcing fabric to a height of 6'-0" above the floor. System equal to Dryvit System by Dryvit Systems, Inc. Manufacturer's standard color and finish to be selected by the Architect.

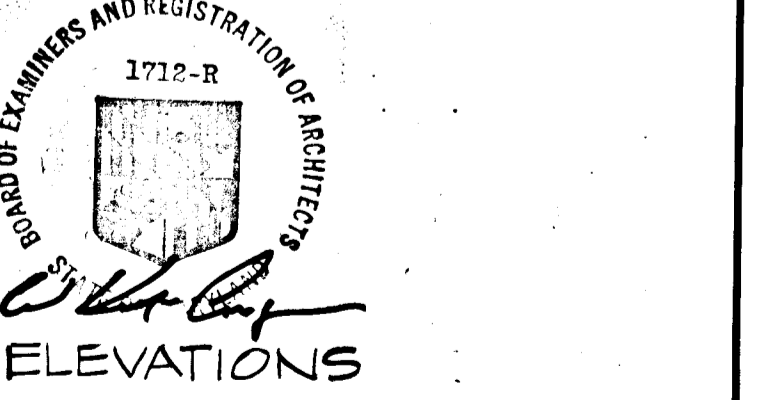
WALL COATING SYSTEM

Manufacturer's standard color to be selected by the Architect. See Technical Specifications.

REVISIONS:
FEB. 2, 1978 95% SUBMISSION

DRAWN DATE SCALE
L.S. 1/8" = 1'-0"
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HOWARD COUNTY ADULT ACTIVITY CENTER



DRAWING NO.

845

8. ALUMINUM ENTRANCES

Framing shall be 4 1/2" x 2" extruded aluminum alloy 6063-T5 with centerline, flush glazing. Equal to Kawneer tri-fab series 450 for 1" glazing with adapter for 5/8" glazing for exterior, and for 1" glazing for interior vestibule framing. Framing to be anodized bronze.

Doors shall be extruded aluminum alloy 6063-T5 medium stile, center pivoted, concealed closure doors. Equal to Kawneer series 350. Doors to be anodized dark bronze.

Exterior doors and surrounding fixed glass to be glazed with 3/8" insulating glass, interior doors and surrounding fixed glass to be glazed with 1/2" float glass. See Glass and Glazing.

Door hardware to be push bar and pull plate for doors No. 1 and 27, equal to Kawneer style G-2 anodized black. Doors No. 14 and 16 to have rim type panic device and pull plate with exterior cylinder lock equal to Door-O-Matic No. 1090 with Kawneer G-2 pull. Panic devices to be anodized black.

HOLLOW METAL DOOR FRAMES

Frames shall be 16 gauge steel 2" x 4-3/4" jamb and 4" x 4-3/4" head, knock-down type, shop primed. Jamb type P, heads type Q series 65F by Republic Steel or equal.

HOLLOW METAL DOORS

See Technical Specifications. Doors to be 1-3/4" thick, equal to series 634 by Republic Steel.

WOOD DOORS

Doors shall be 1-3/4" thick hollow core flush panel doors with birch veneers. Equal to Morgan Millwork No. M-999.

FOLDING PARTITIONS

Folding partitions shall be true pantograph action, steel hinged, 22 gauge steel plate, sound insulation panels with 36 oz. PVC/glass fabric covering with Tedlar finish. Track to be 1 1/2" x 1 1/2" aluminum with 22 gauge steel factory primed ceiling contact guard. Units to have satin chrome hand pulls with latches, back-post jamb lock. Fabric to have flame spread rate of 15 or less. Unit to be equal to 'Soundmaster 8" by Modernfold, with No. 5 track. Fabric color to be selected by Architect.

10. MISCELLANEOUS ACCESSORIES:

Alternate No. 3 Basketball Backboard shall be fixed wall mounted, fan shaped, rigid reinforced 12 gauge steel bank-board with no-tie goal with 120 thread net. Equal to model 703 bracket, No. 721 bank-board, and No. 722 goal by Nissen.

| REVISIONS | DATE | SCALE |
|--------------|----------------|-------|
| FEB. 2, 1978 | 95% SUBMISSION | |

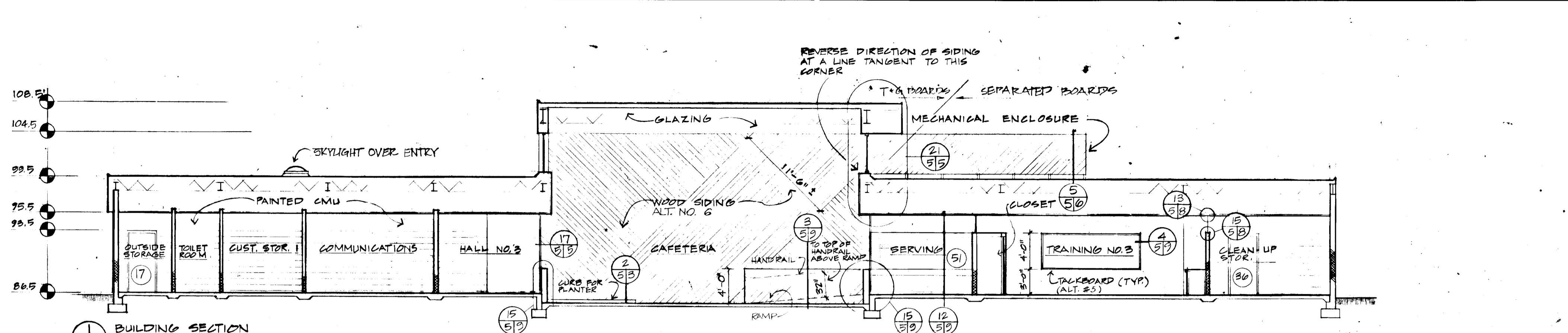
DRAWN DATE SCALE
C/L, LS

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3203 GRACE ST. N.W. WASHINGTON D.C.

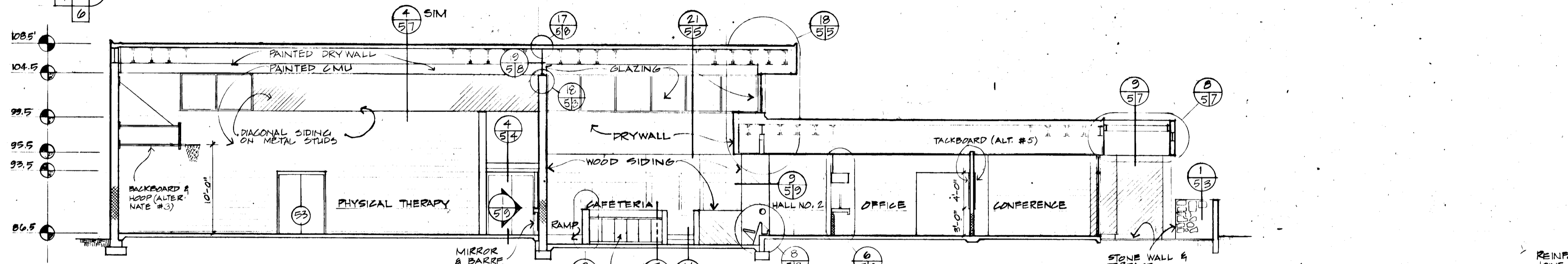
HOWARD COUNTY ADULT ACTIVITY CENTER

BOARD OF EXAMINERS AND REGISTRATION OF ARCHITECTS
2772-R
BUILDING SECTIONS

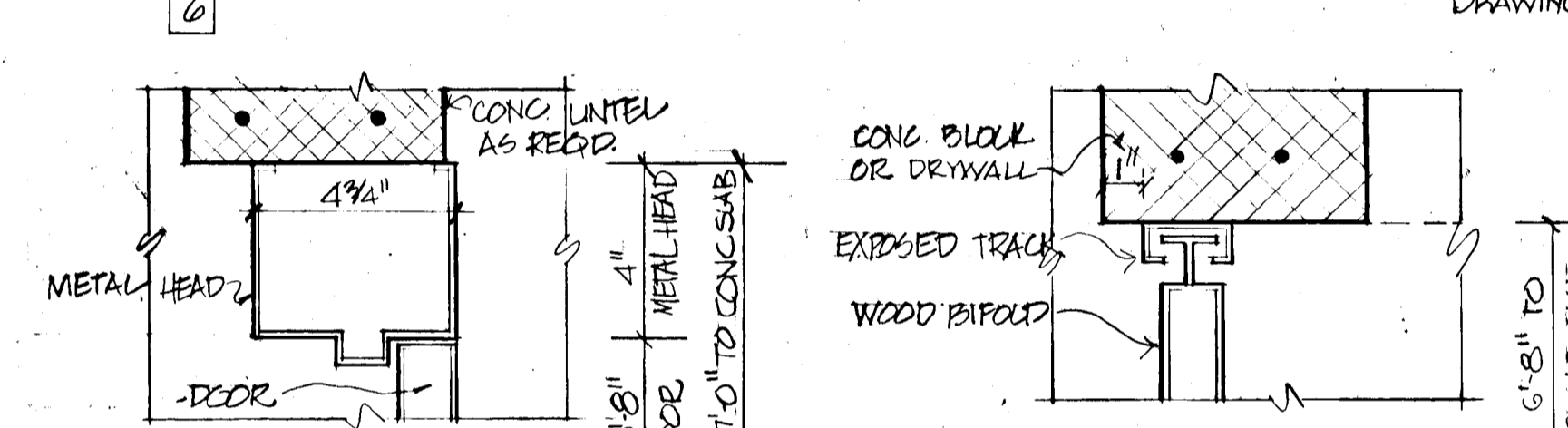
DRAWING NO.



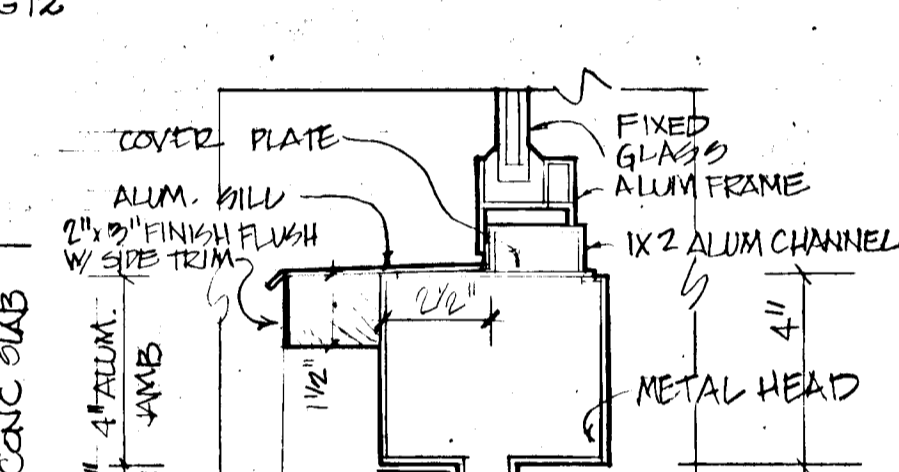
1 BUILDING SECTION
1/8" = 1'-0"



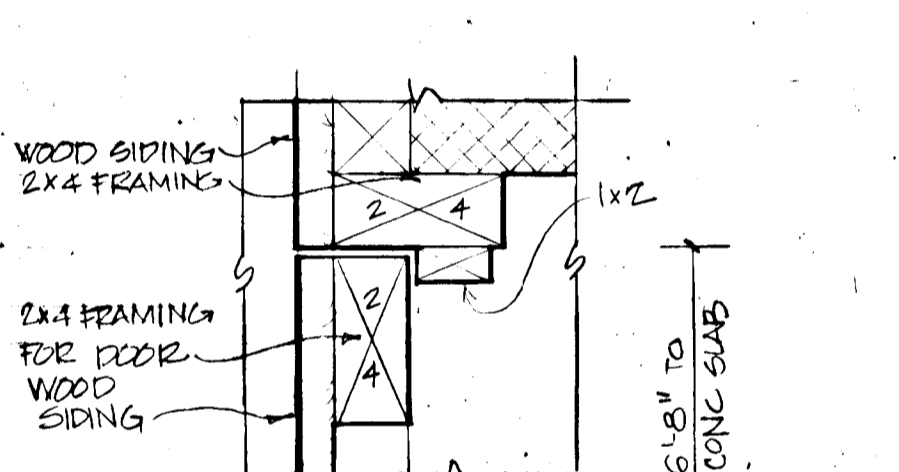
2 BUILDING SECTION
1/8" = 1'-0"



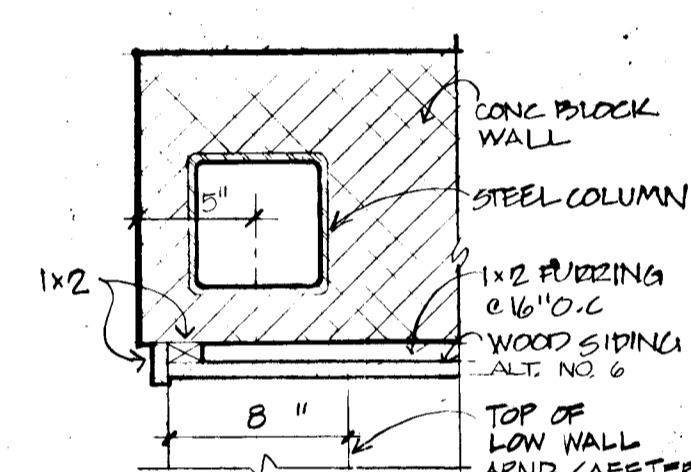
1 TYPICAL DOOR HEAD
SCALE 3/8" = 1'-0"



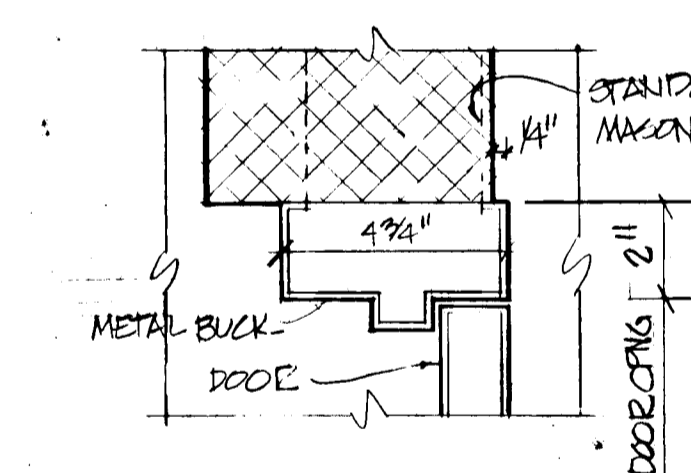
5 TYPICAL BIFOLD HEAD
SCALE 5/8" = 1'-0"



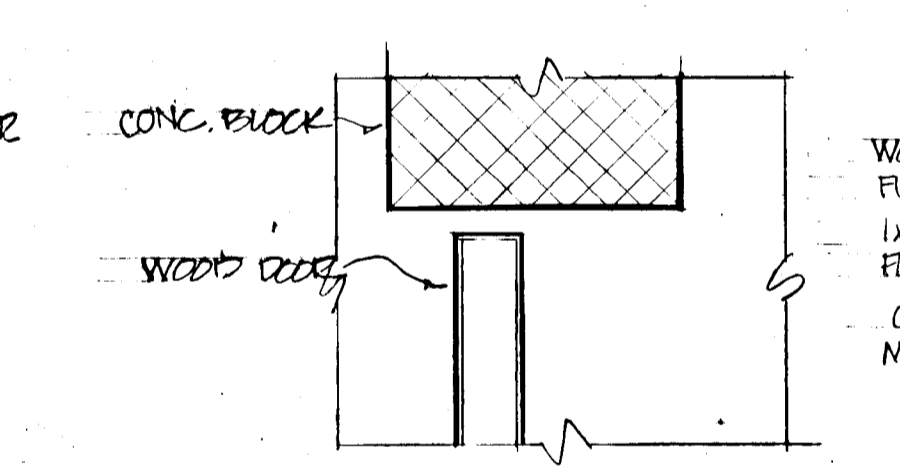
9 EXT. DOOR W/ GLASS ABOVE
SCALE 5/8" = 1'-0"



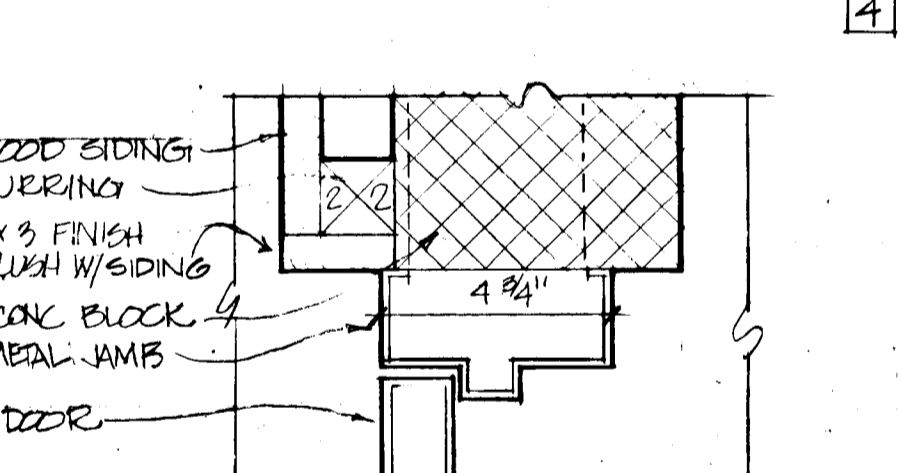
17 LANDSCAPE STOR. HEAD & JAMB
SCALE 1/2" = 1'-0"



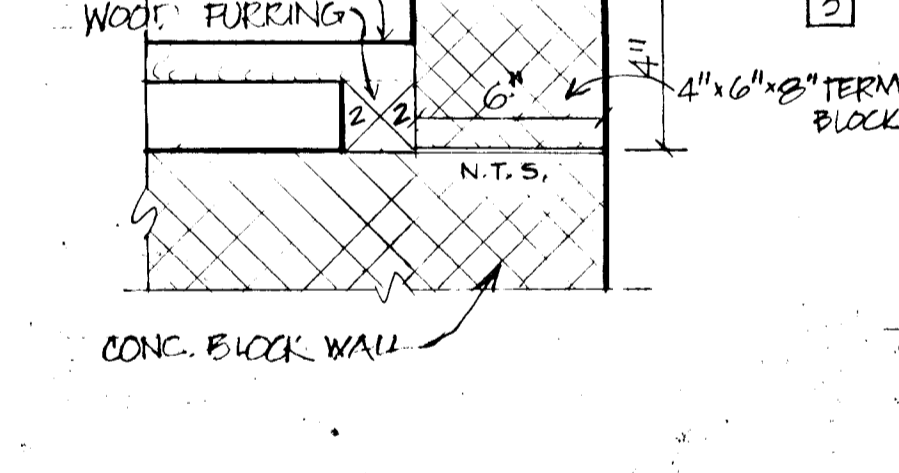
2 TYPICAL DOOR JAMB
SCALE 3/8" = 1'-0"



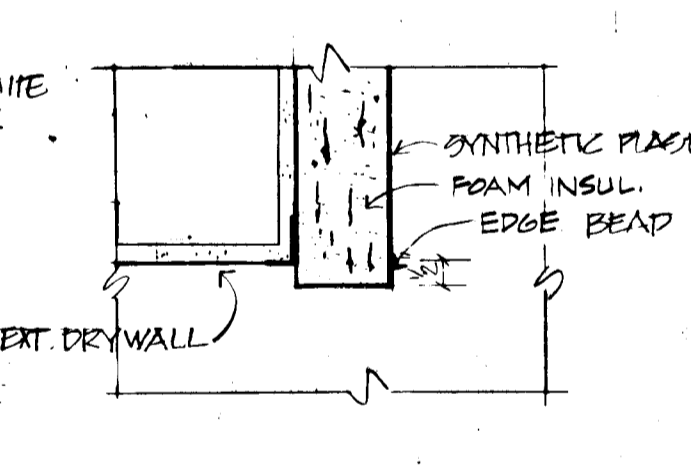
6 TYPICAL BIFOLD JAMB
SCALE 3/8" = 1'-0"



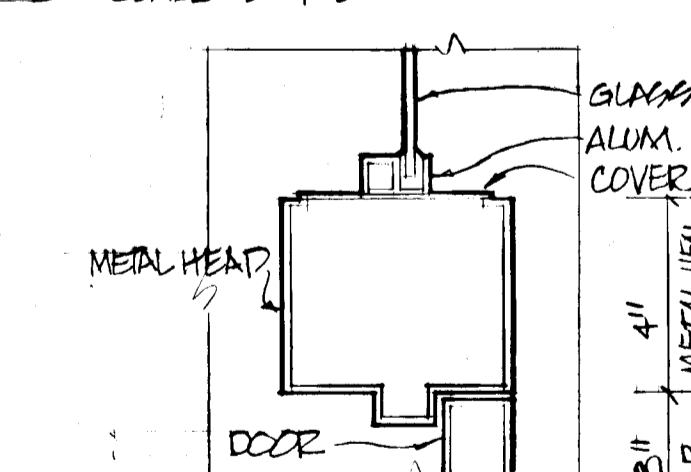
10 JAMB W/ WOOD SIDING
SCALE 3/8" = 1'-0"



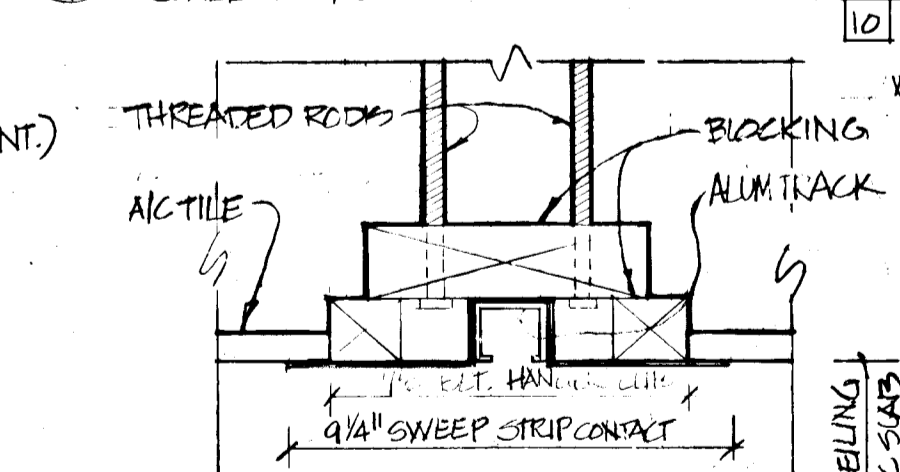
14 WOOD SIDING AT VESTIBULE
SCALE 3/8" = 1'-0"



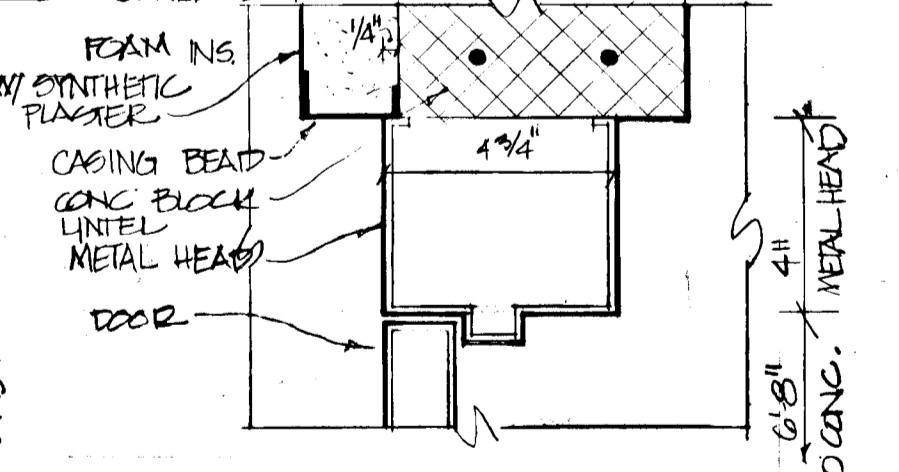
19 FASCIA EDGE DETAIL
SCALE 3/8" = 1'-0"



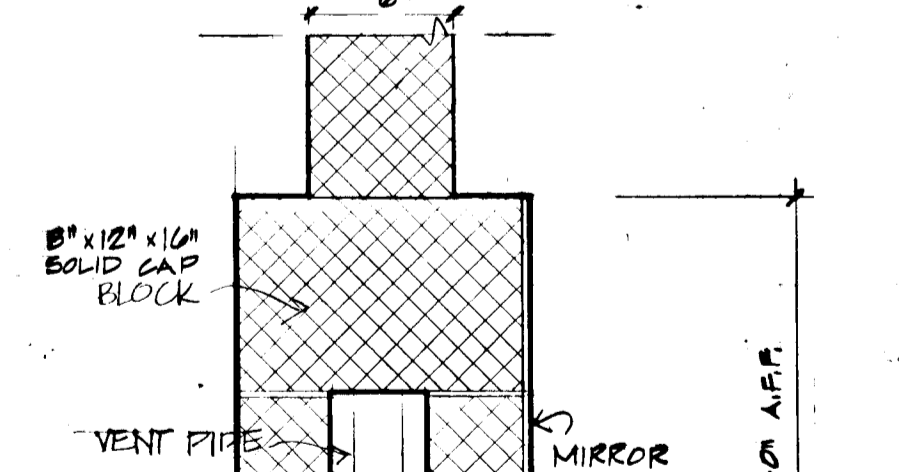
3 INTERIOR DOOR W/ GLASS ABOVE
SCALE 3/8" = 1'-0"



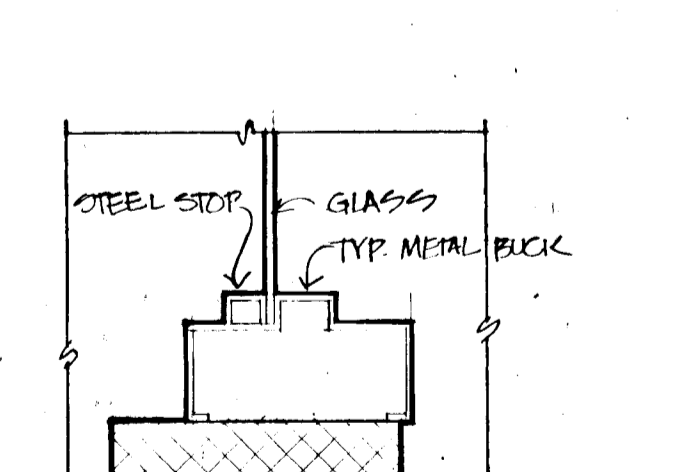
7 FOLDING PARTITION HEAD
SCALE 3/8" = 1'-0"



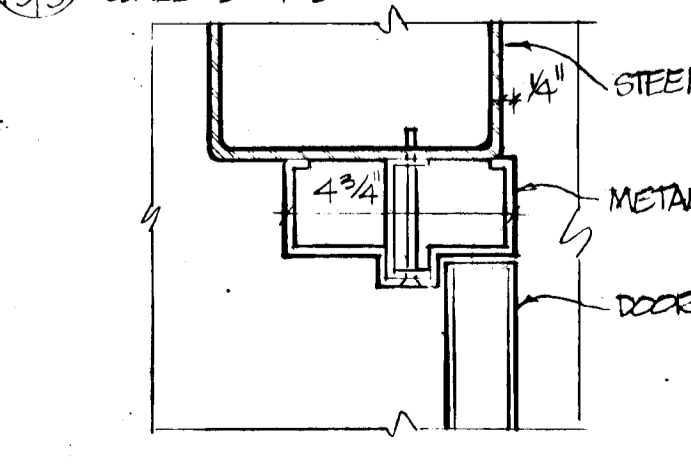
11 HEAD W/ FOAM INSUL.
SCALE 3/8" = 1'-0"



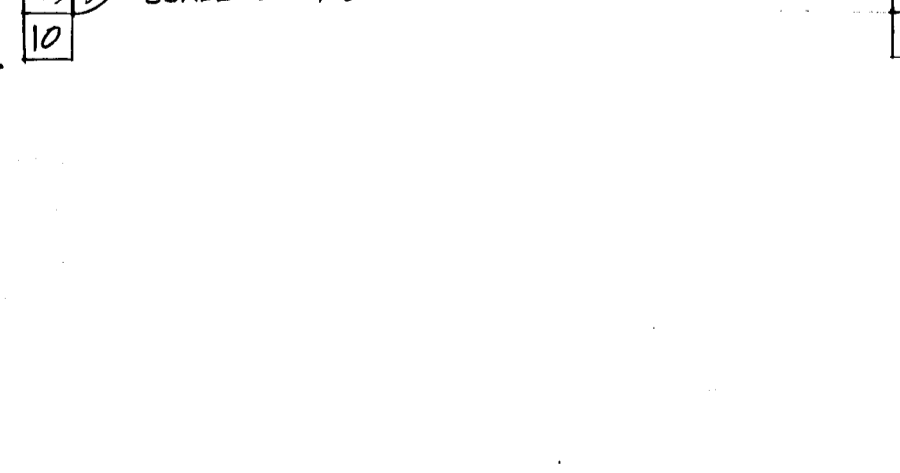
15 BATHROOM WALL SECTION
SCALE 1/2" = 1'-0"



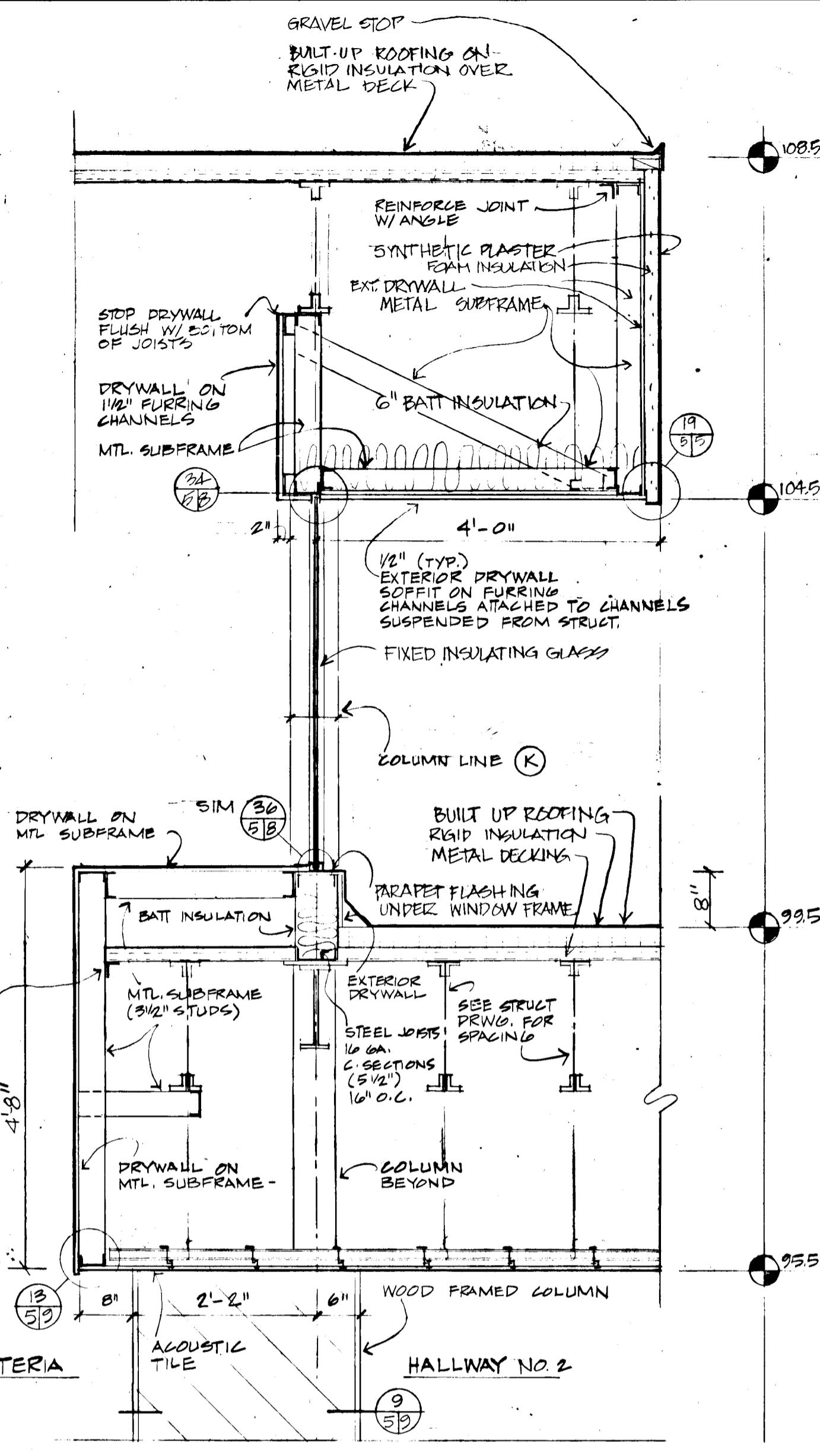
20 INT. JAMB
SCALE 3/8" = 1'-0"



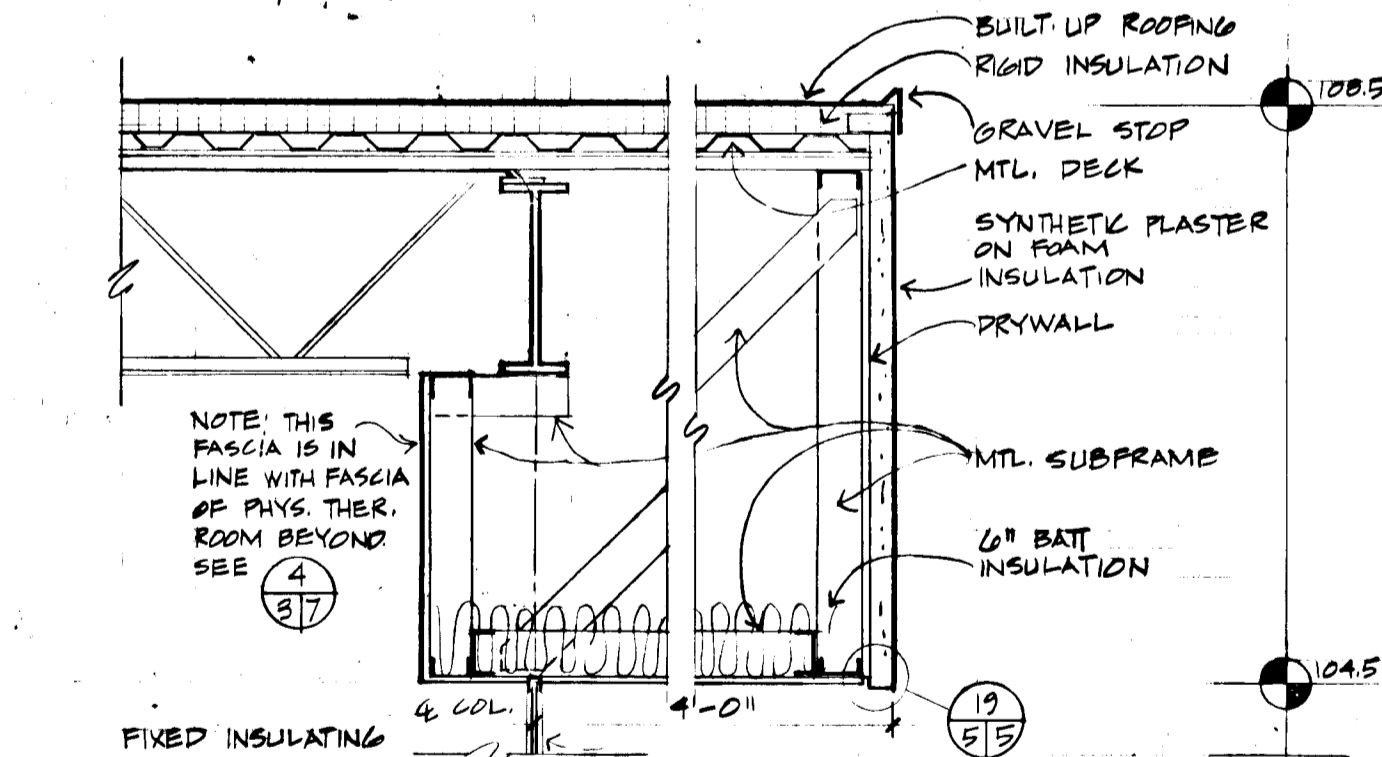
4 INT. DOOR JAMB AT COL.
SCALE 3/8" = 1'-0"



16 EXT. BATHROOM WALL
SCALE 1/2" = 1'-0"



18 SECTION THRU ROOFS AT CAFETERIA
3/4" = 1'-0"



21 SECTION THRU ROOFS AT CAFETERIA (SIDES)
3/4" = 1'-0"

845

7. BUILT-UP ROOFING AND FLASHING

Built-up roofing to be asphalt and fiberglass plys taped joint system with gravel surface equal to specification No. 323-TGD, UL Class A by Owens-Corning Fiberglas.

SKYLIGHTS

Skylights to be factory prefabricated aluminum frame and ribs, clear 1/4" thick acrylic double dome, continuous vaulted, equal to model CVLDD 30 by Naturalite, Inc.

INSULATION RIGID

Roof insulation to be 2-1/2" thick fiberglass R value minimum 9, conductance .11. Application to result in minimum Class "C" roof.

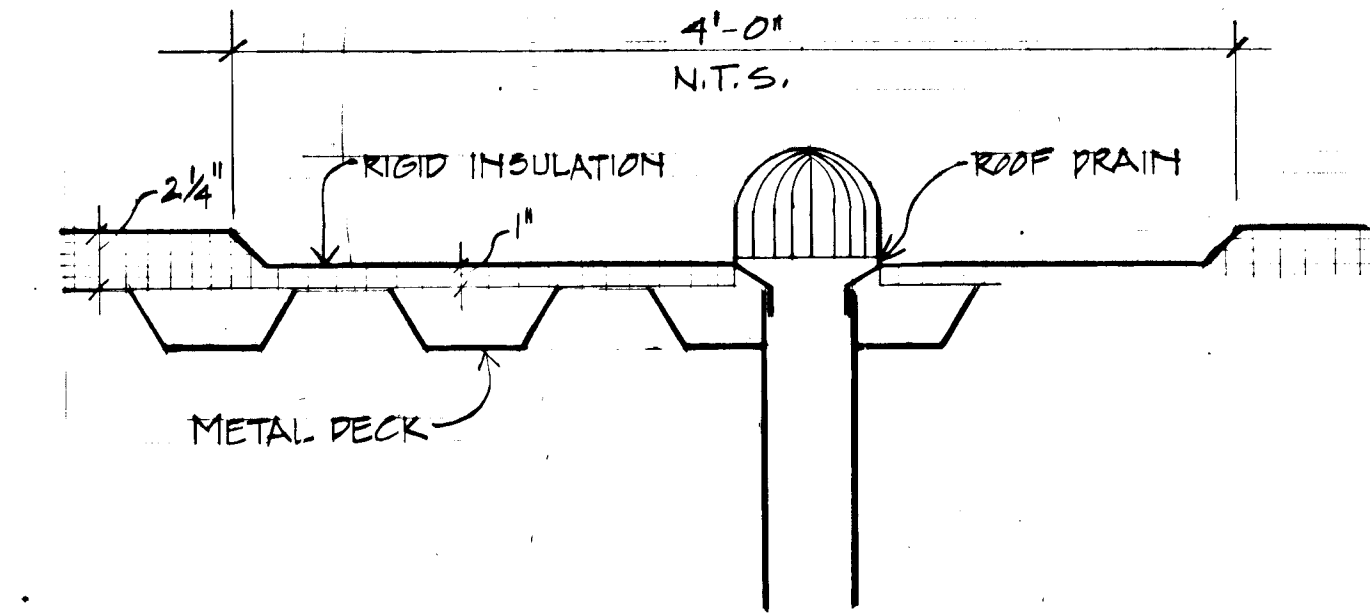
Wall insulation behind wood siding to be 1 1/2" thick molded polystyrene boards density of 1.0 lbs/cu. ft., flame spread rating of less than 25, fuel contributed less than 10, smoke development between 20 and 95. R factor to be minimum of 6.

Perimeter insulation to be 2" thick molded polystyrene with a density of 1.0 lbs/cu. ft. R factor of 8.

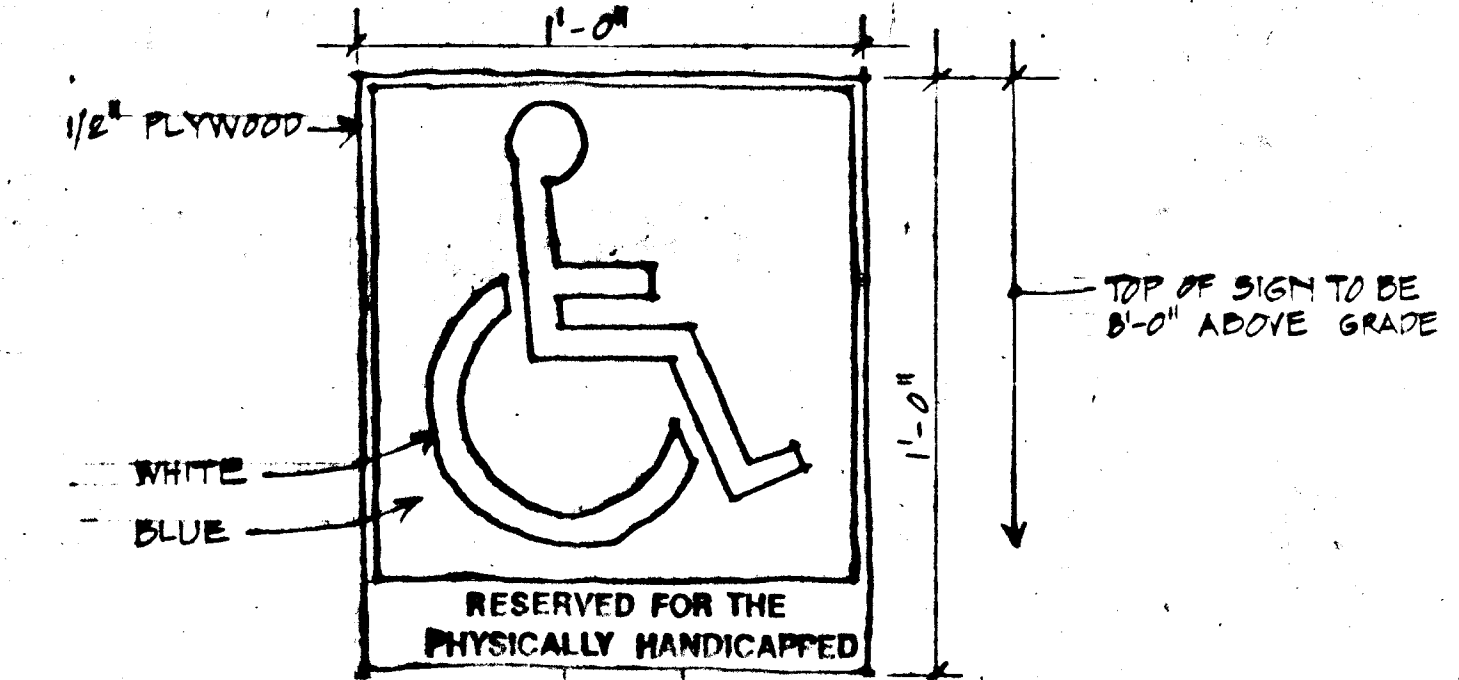
BATT INSULATION

Batt insulation to be foil faced, fiberglass batts (specification Type III) 6" thick, R-19.

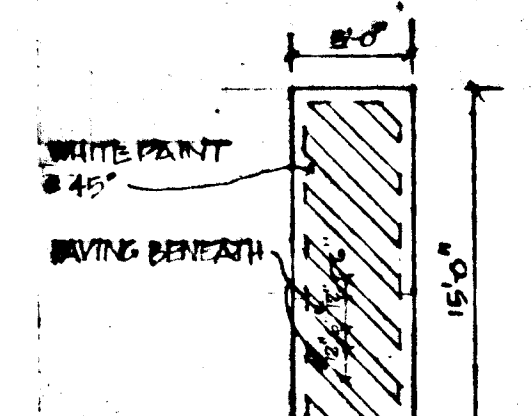
Gravel Stops shall be extruded aluminum with concealed joint covers, 3" face height, 4" deep, and 3/4" dam height with a modified silicized polyester finish in pure white, conforming to AAMA spec 603.1, equal to "Econo-stop" by Facios, Inc., Grand Rapids, Michigan.



1 ROOF DRAIN SCALE 1 1/2" = 1'-0"

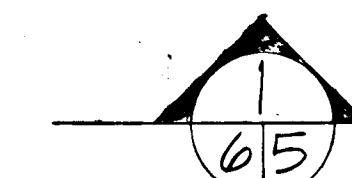


7 HANDICAP SIGN (SEE SITE PLAN FOR LOCATIONS) SCALE 1/2" = 1'-0"

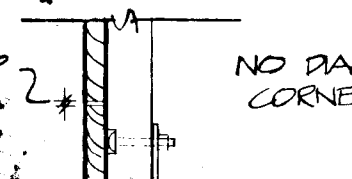


6 CROSSWALK DETAIL SCALE 1/2" = 1'-0"

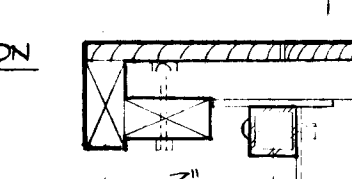
ALL BOLTS, R-TUBES & ANGLES TO BE HOT DIPPED GALV. AFTER FABRICATION SUPPORTS A MAXIMUM 10'-0" O.C.



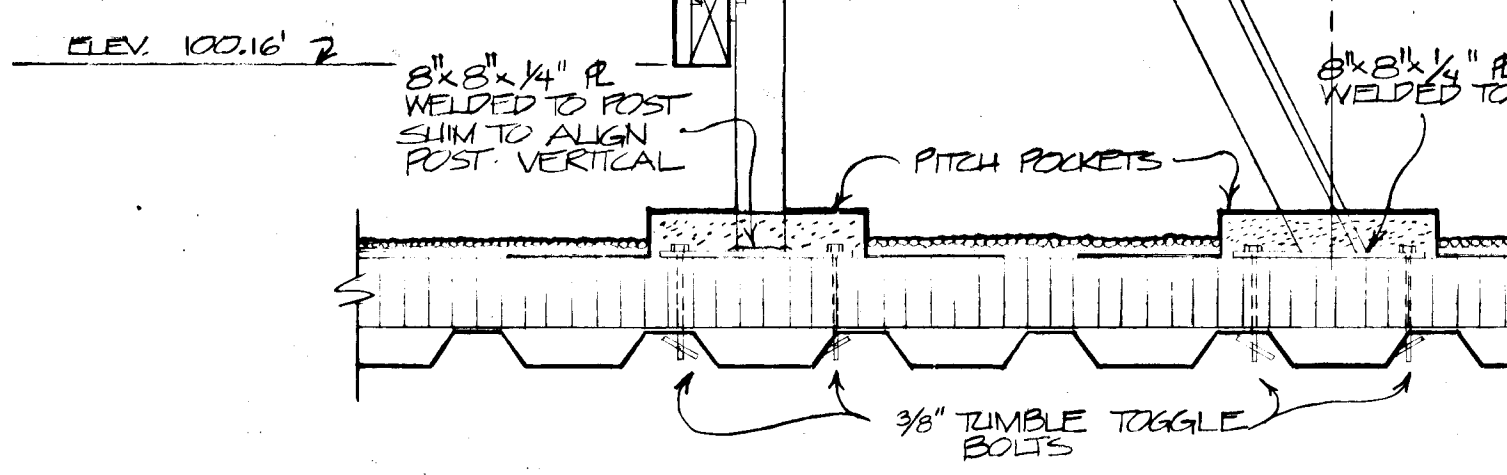
2 POST SECTION



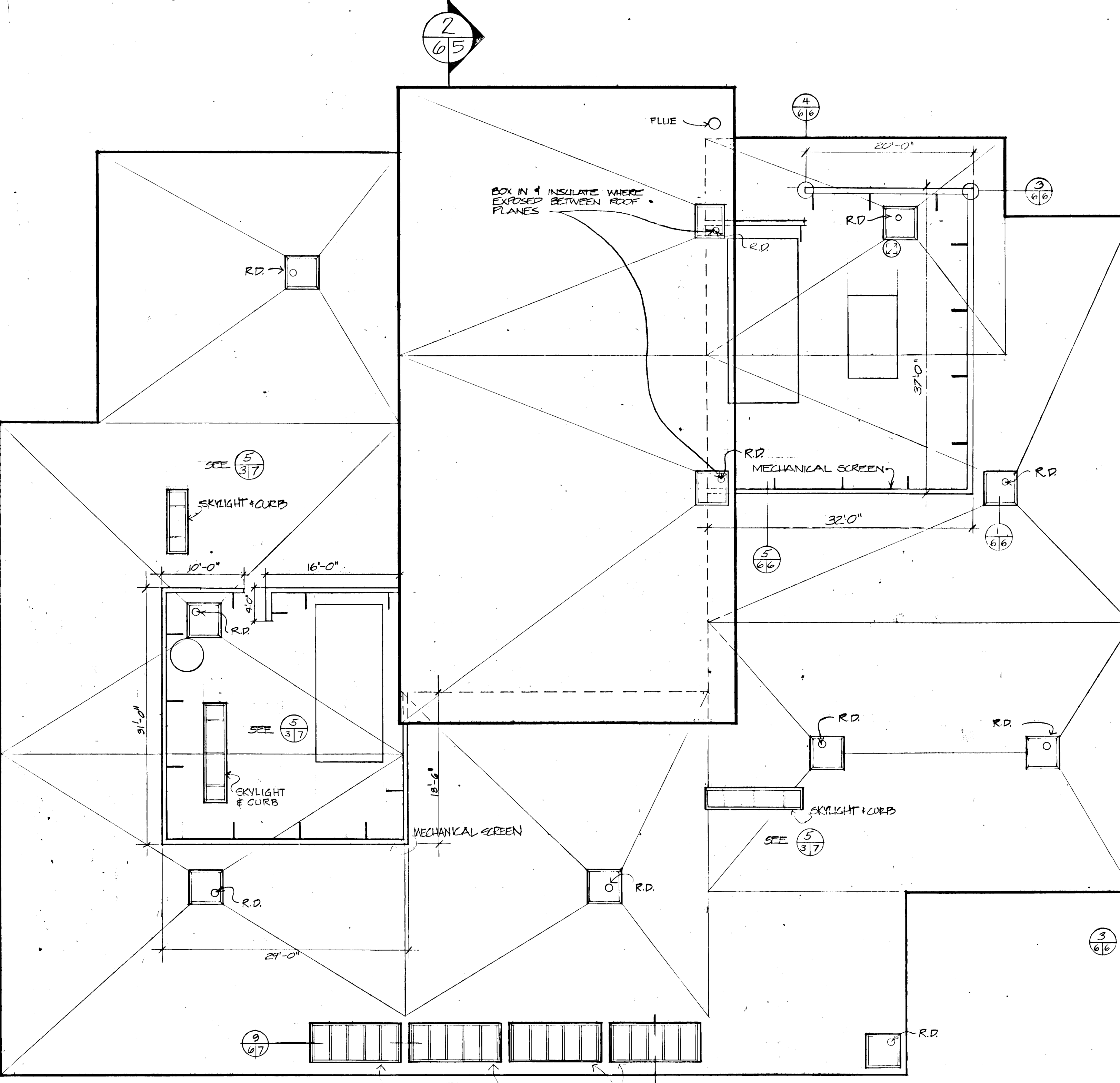
3 CORNER DETAIL



4 END CONDITION



5 SECTION - MECHANICAL SCREEN SCALE 1/2" = 1'-0"



ROOF PLAN SCALE 1/8" = 1'-0"

Table with 2 columns: REVISIONS, DATE. Entry: FEB 2 95% SUBMISSION 1978

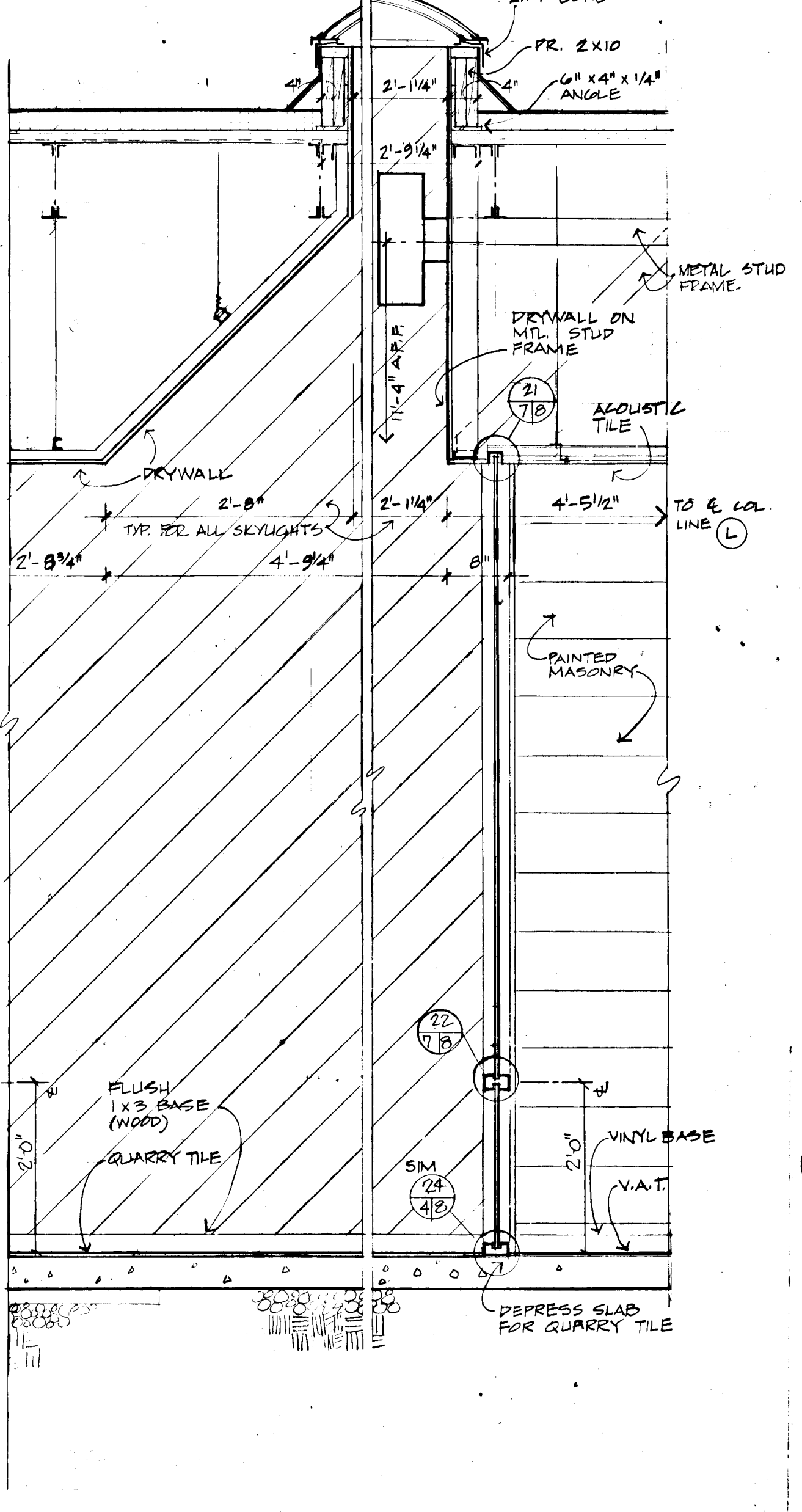
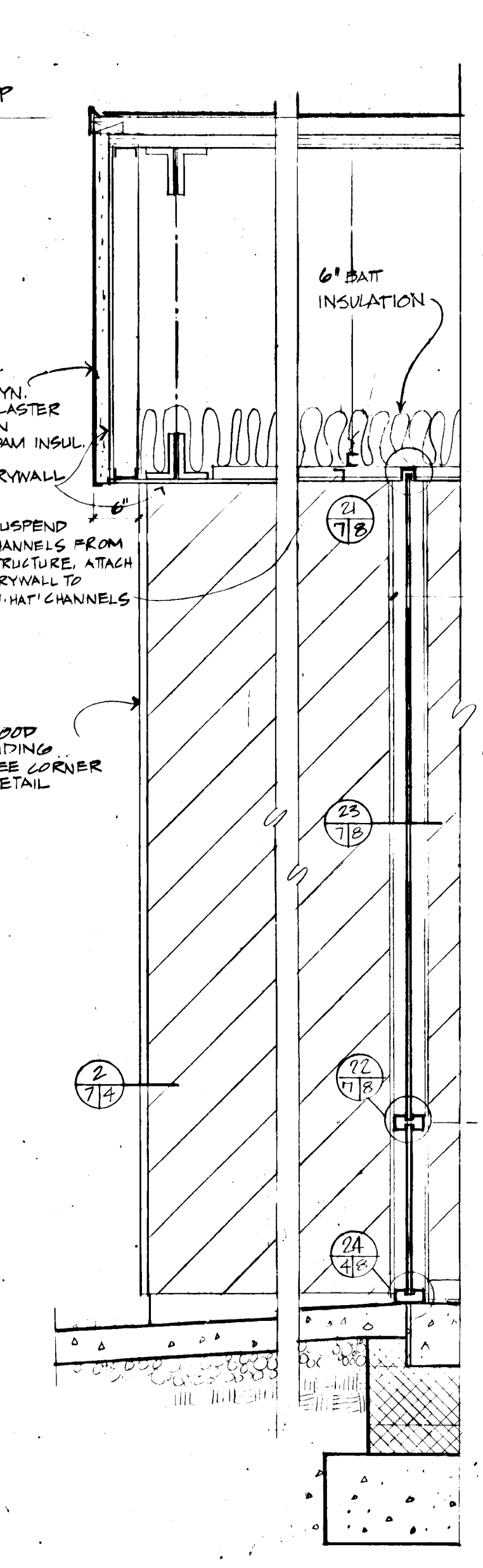
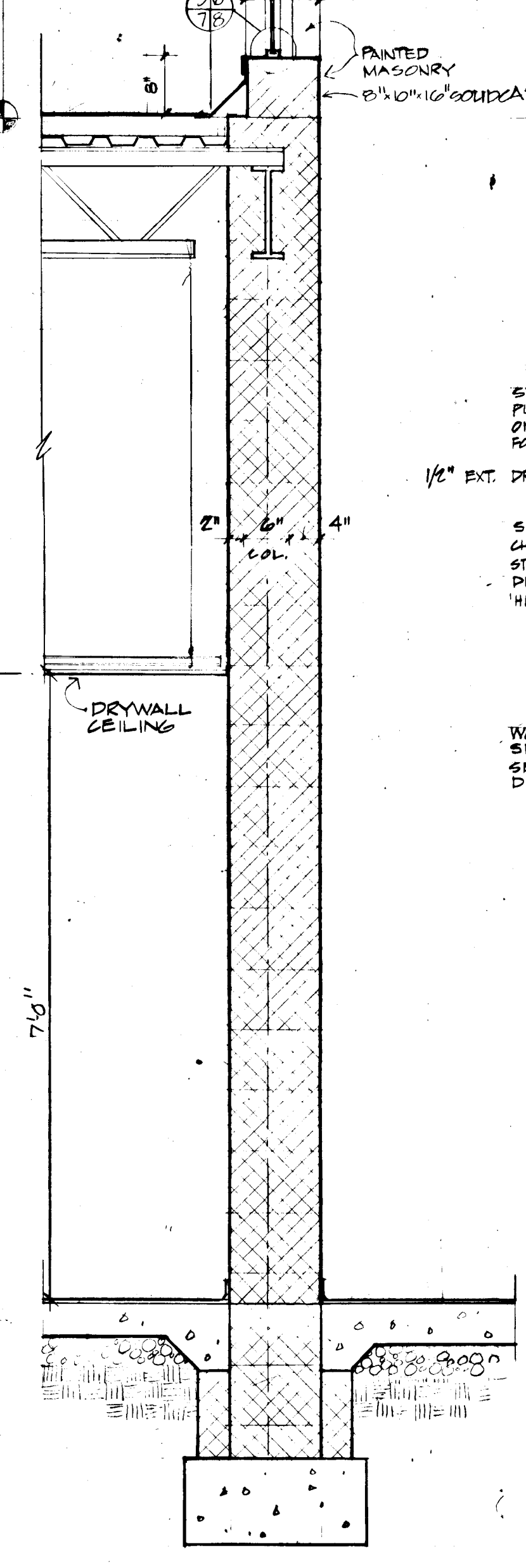
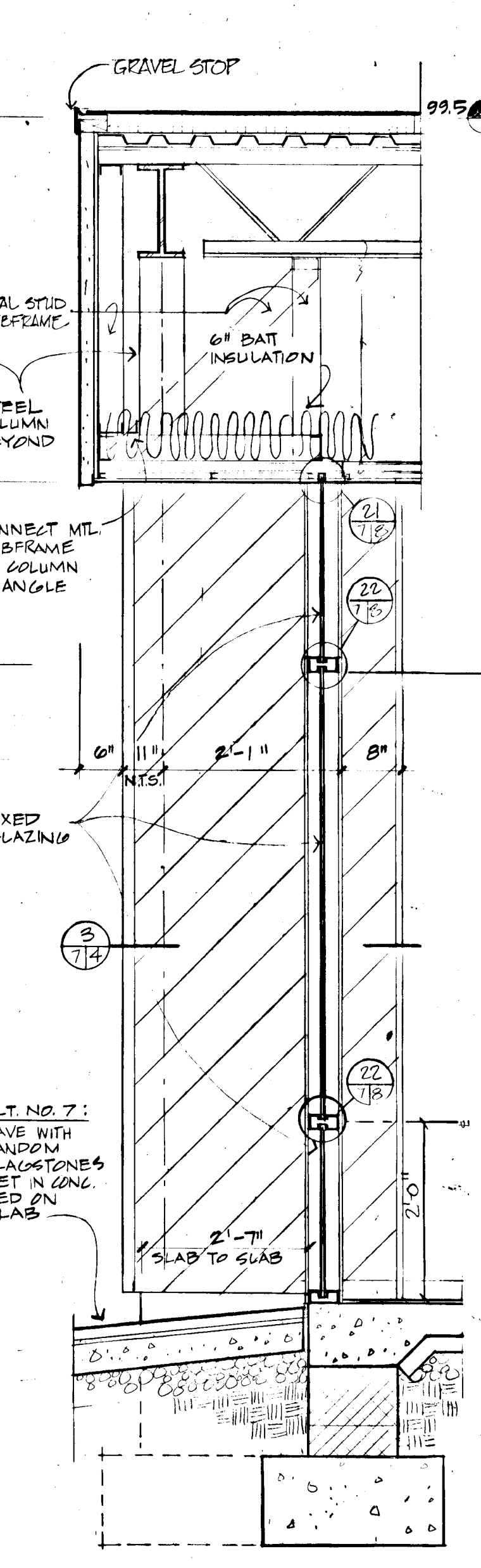
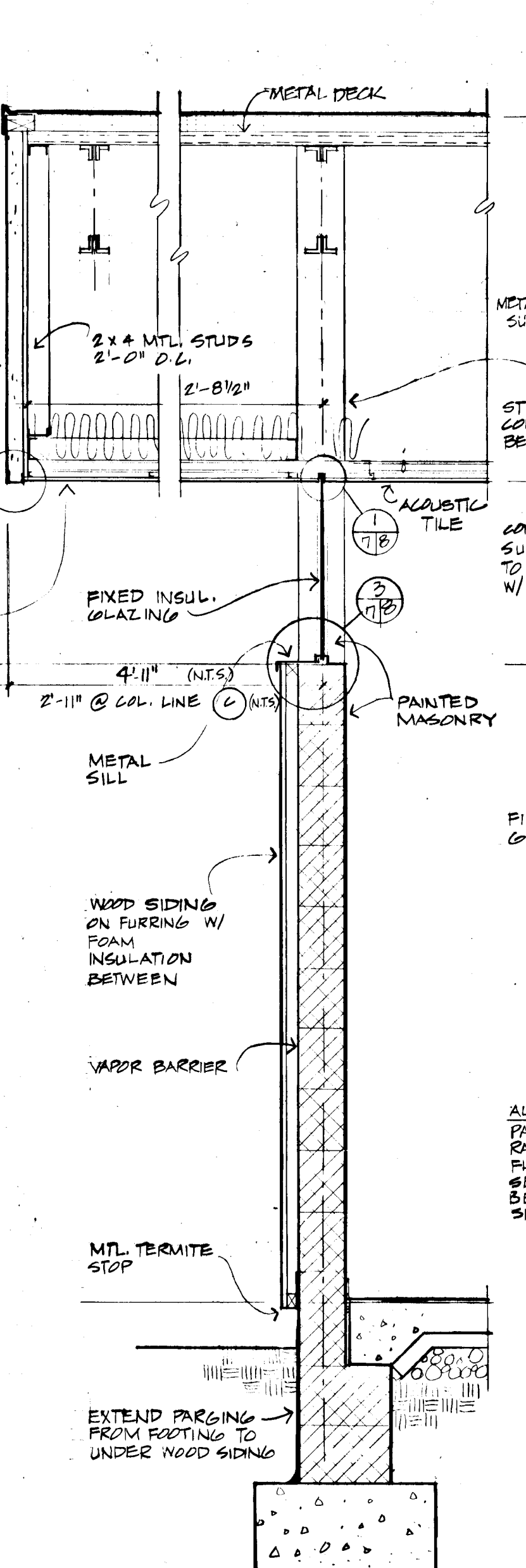
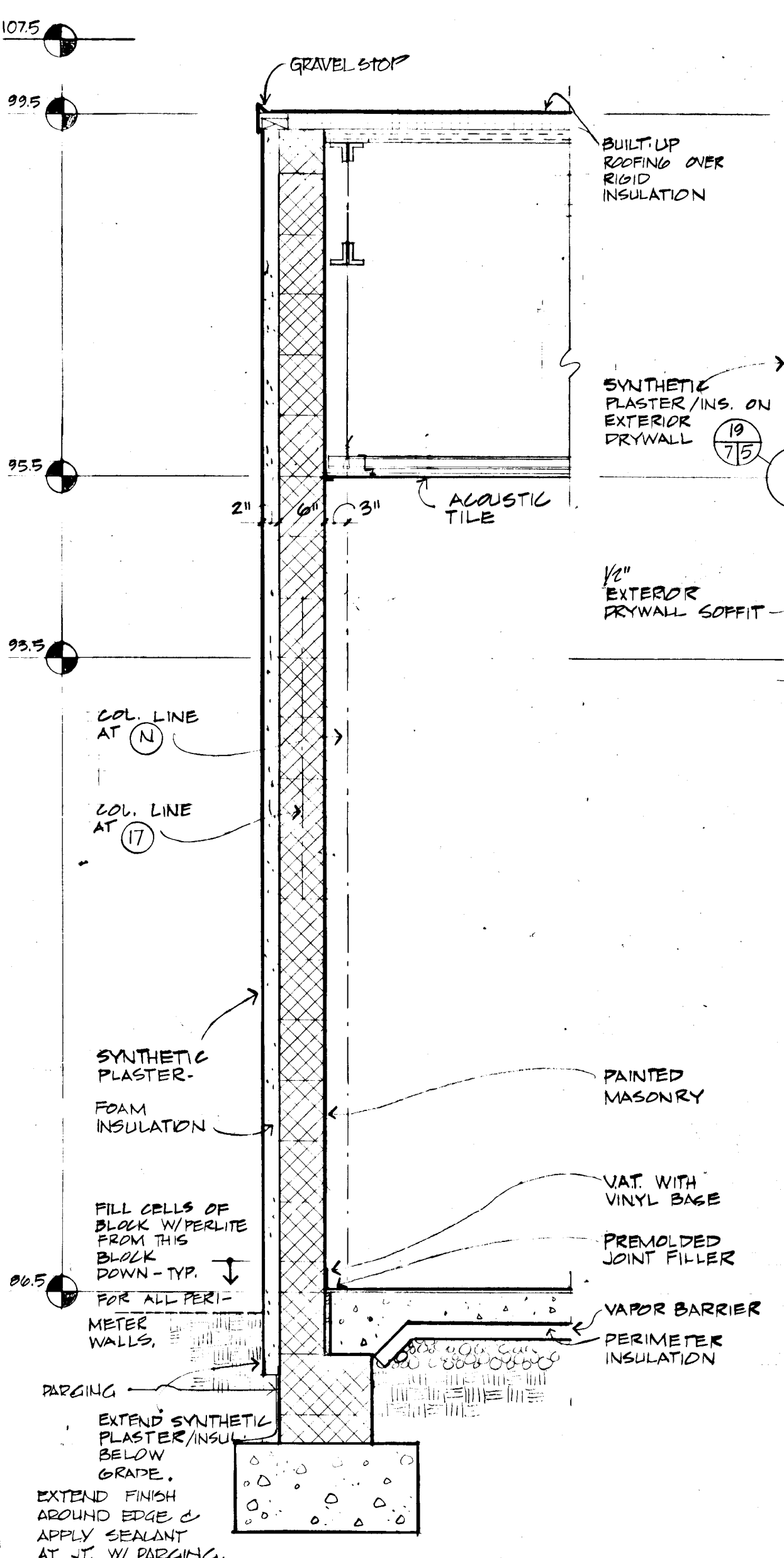
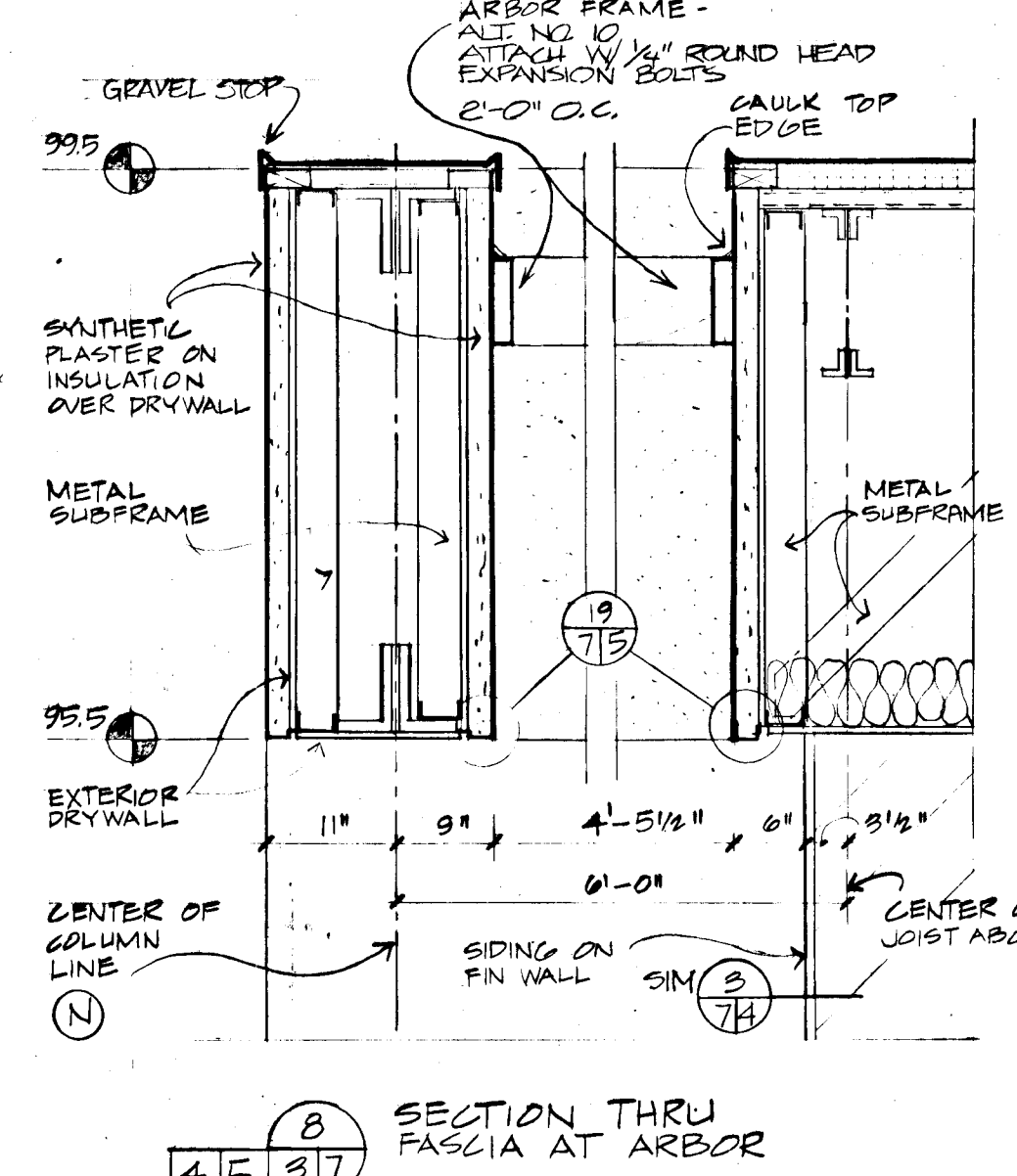
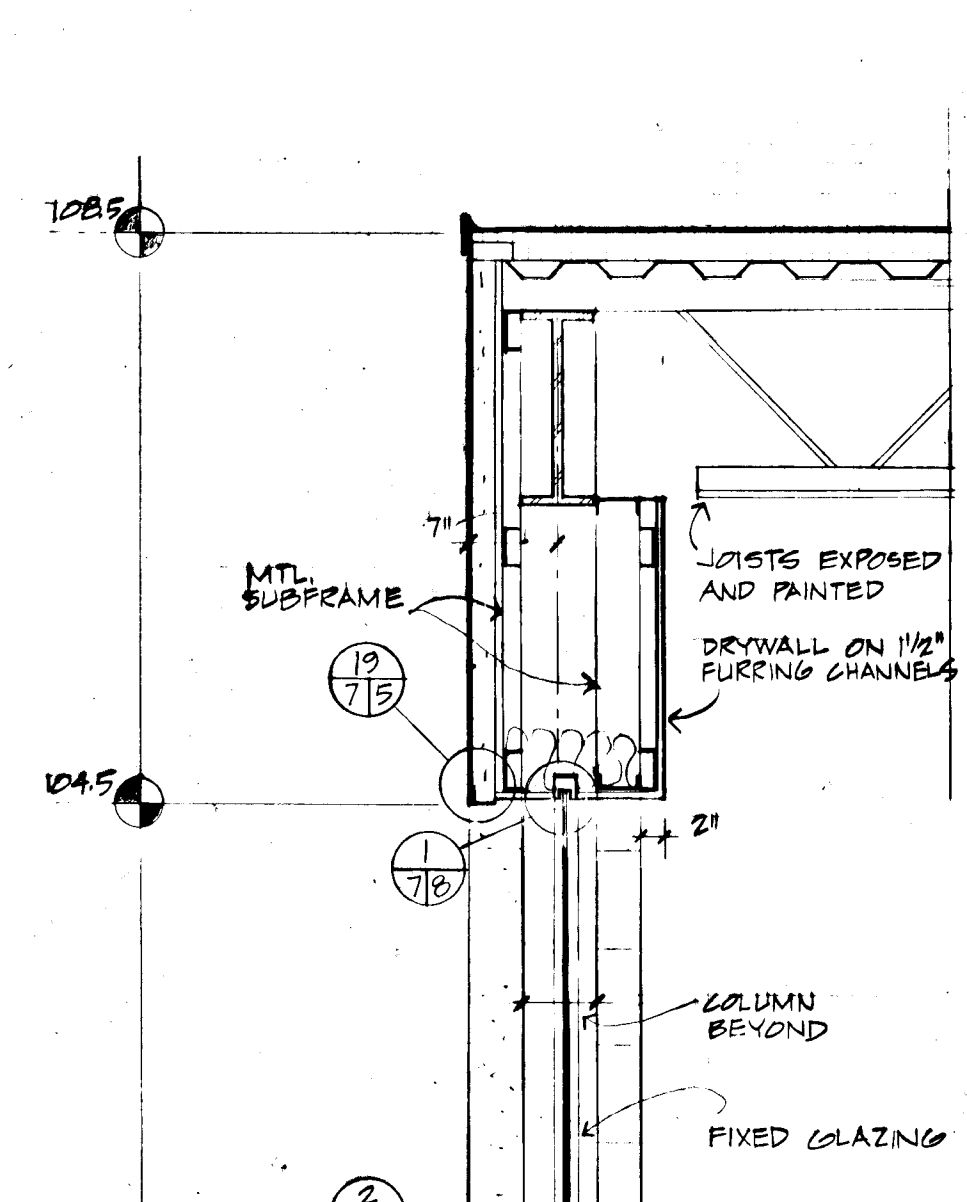
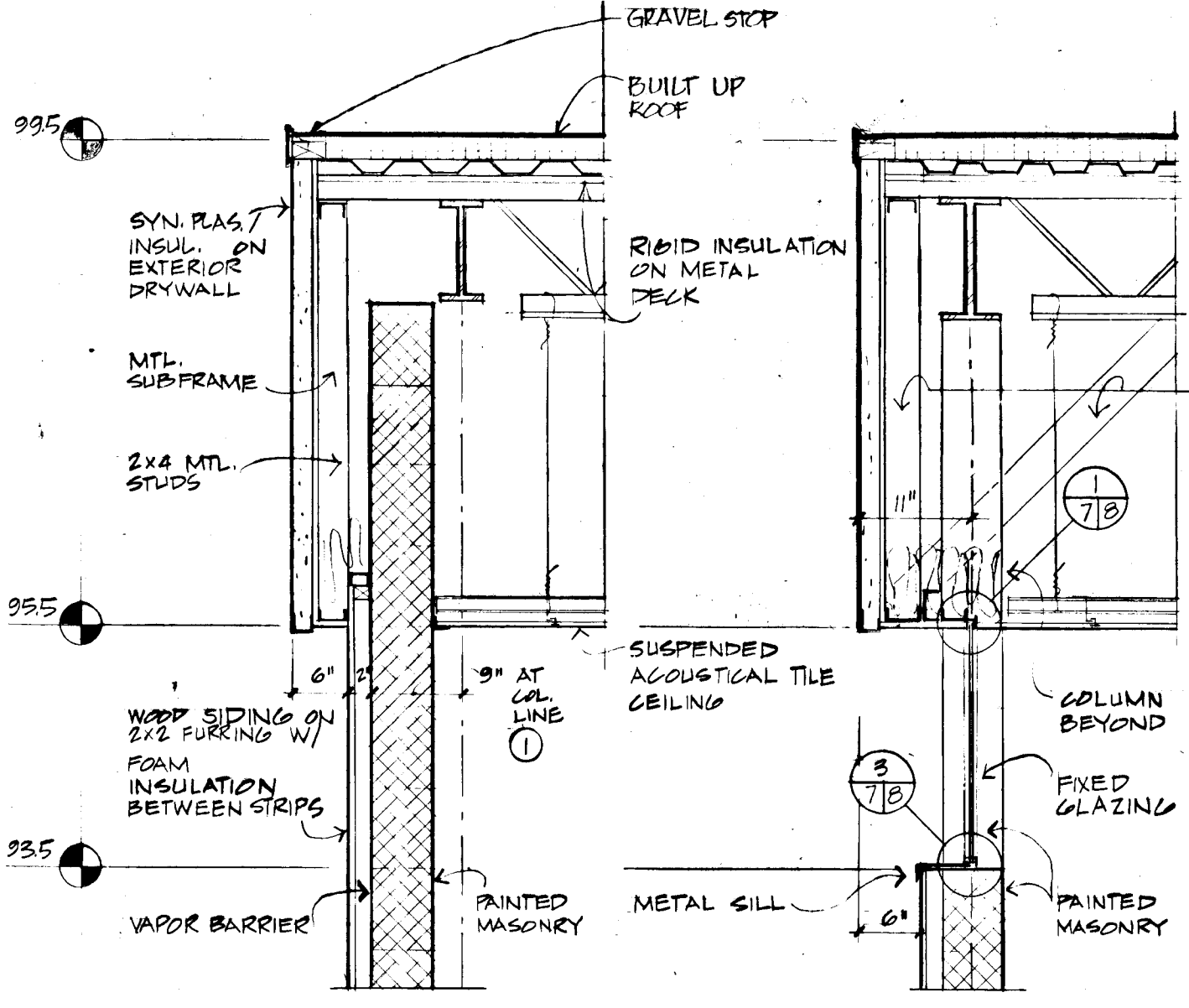
DRAWN DATE SCALE LS 1/8" = 1'-0" COOPER • LECKY PARTNERSHIP ARCHITECTS 3203 GRACE ST. N.W. WASHINGTON D.C.

HOWARD COUNTY ADULT ACTIVITY CENTER BOARD OF EXAMINERS AND REGISTRATION OF ARCHITECTS 3712-R ROOF PLAN

DRAWING NO.

8915

XXAD-78-006



4. MASONRY WORK
Concrete Masonry:
CMU below grade to be hollow load bearing units except as noted otherwise.
CMU above grade to be hollow non-load bearing units except as noted otherwise.
Lintels to be precast.
All walls to be 6" thick unless otherwise noted on the plans. Walls not specifically dimensioned shall be centered on the columns. Provide 100% solid masonry or concrete cap to all chases that stop at 7'-0" height. Provide 100% solid block course at top of all partial height walls and at all interior and exterior window sills. Coursing to be set at 4 inches above fin. floor slab typical. Where wall coating systems are called for, a smooth surface CMU block face is required. Submit sample for approval.

5. METAL STUDS:
Light Gauge Steel Framing:
Studs to be 20 gauge punched "C" sections 1-5/8" x 3-5/8" unless noted otherwise.
Track to be 20 gauge channel sections.
Drywall furring channels to be 25 gauge hot section 7/8" deep.
Joists to be 16 gauge "C" joists 5-1/2" or 7-1/2" deep as noted.
All light gauge framing to be hot dipped galvanized. Spacing to be 16" OC unless noted otherwise.

7. WALL FLASHING
Exposed flashing shall be fabricated from smooth 24 gauge galvanized steel sheet or 20 gauge aluminum sheet.

CAULKING
Caulking and Sealants (general purpose) to be one part acrylic polymeric sealant (100% acrylic polymer) meeting Fed. Spec. TTS-00230, equal to Pecora Corporation "60 plus" in the following colors:
#226 Brilliant White - at clerestory window frames, exterior and interior drywall and at synthetic plaster.
#314 Bronze at all bronze anodized aluminum frames.
#20 Tan at all other exterior locations.
Note: The intent here is to match caulking with adjacent surface colors. If colors do not match, call Architect to verify selection.

PARGING:
3/4" cement parging to be applied in two 3/8" layers with hot asphalt map coat.

PERLITE INSULATION:
Silicone treated perlite loose fill insulation shall conform to ASTM Designation C 549 and be a product of a member of the Perlite Institute. Perlite shall be poured in exterior wall block cavities from footing level to floor level.

REVISIONS

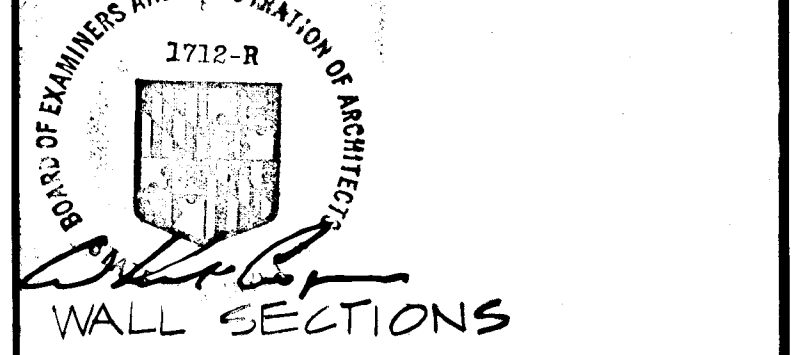
| | |
|-------|----------------|
| REV 2 | 95% SUBMISSION |
| REV 1 | |

DRAWN DATE SCALE

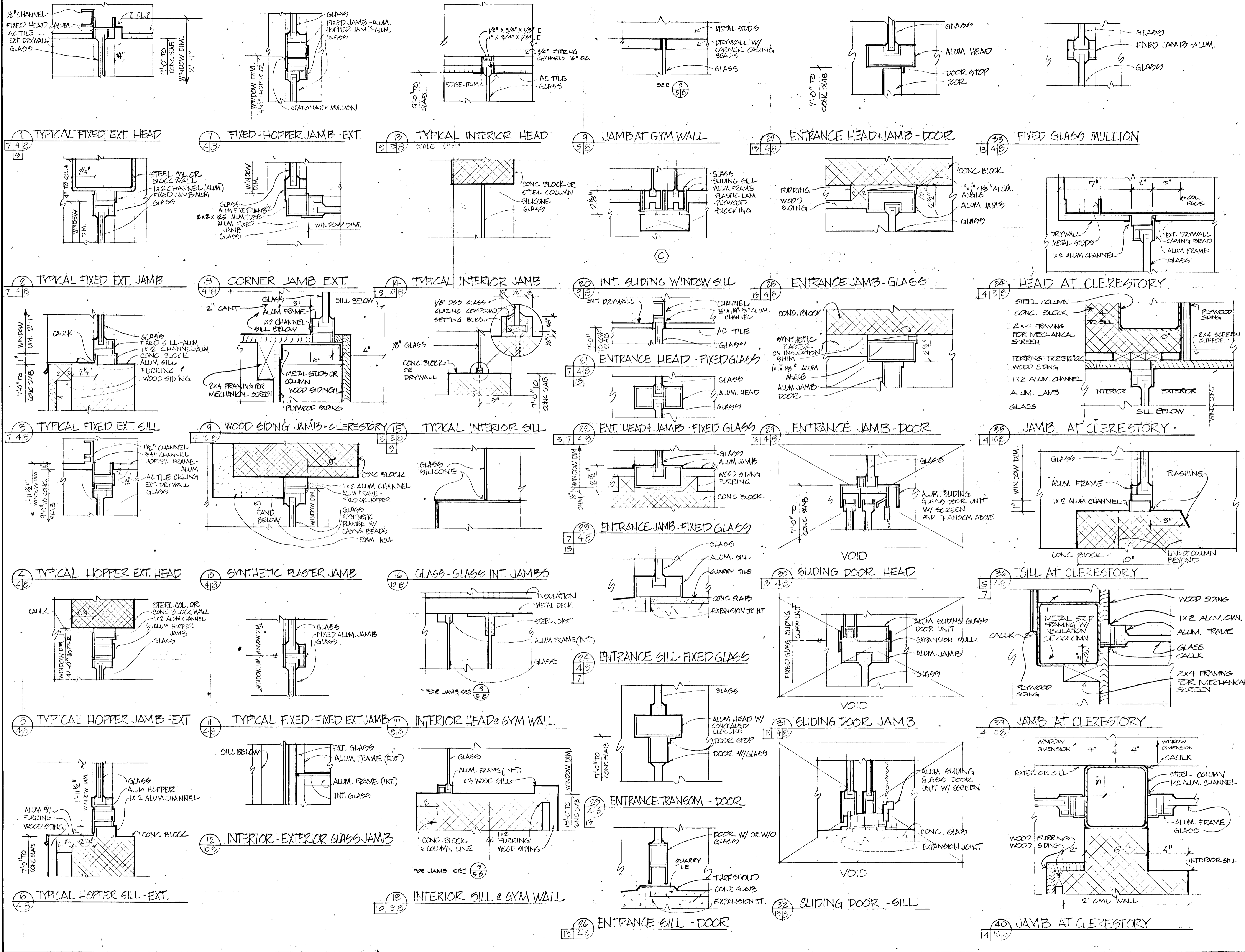
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|-----|--|------------|
| CIC | | 3/4"=1'-0" |
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COOPER-LECKY PARTNERSHIP ARCHITECTS
3203 GRACE ST. N.W. WASHINGTON D.C.

HOWARD COUNTY ADULT ACTIVITY CENTER



DRAWING NO. 7



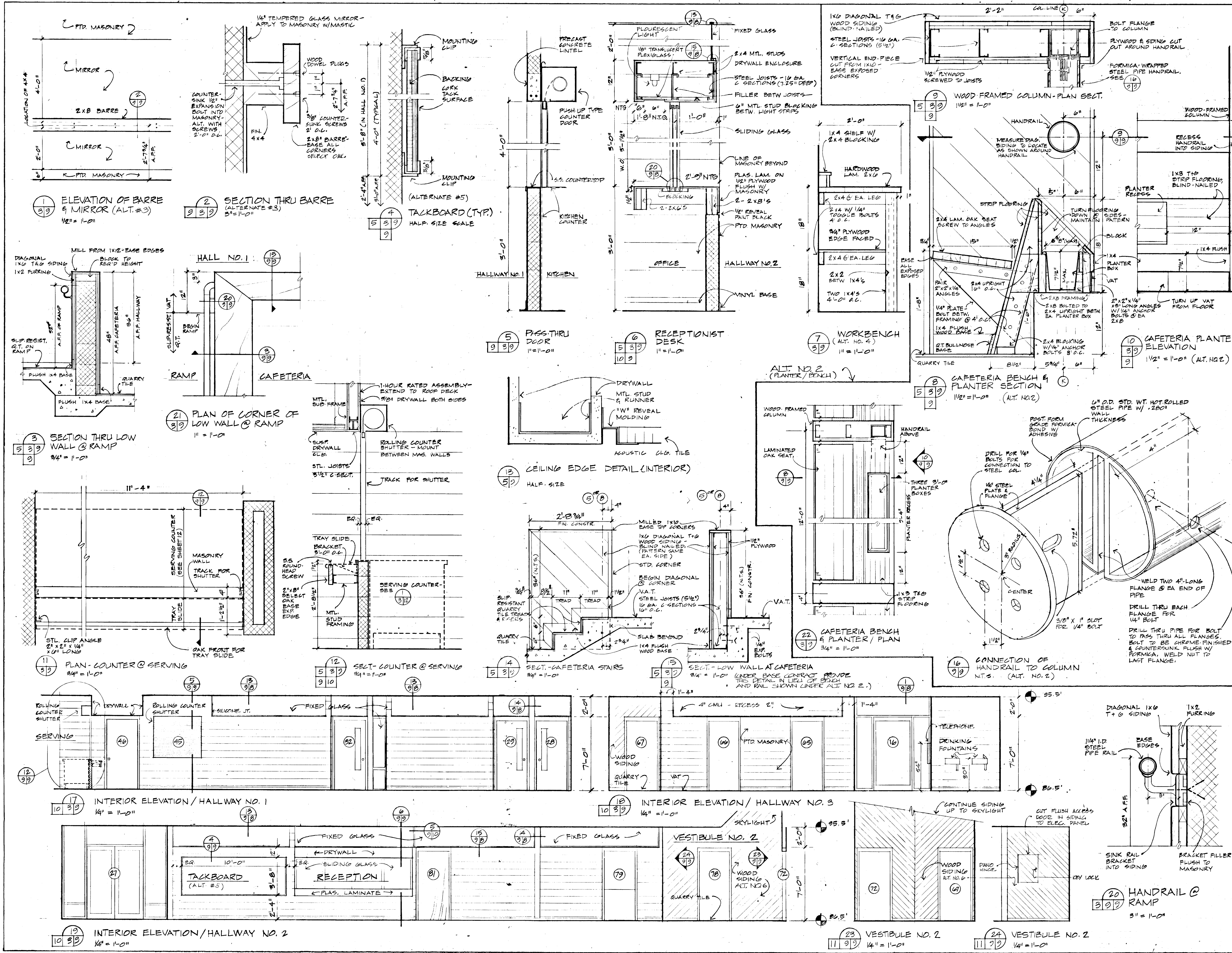
SPECIFICATION NOTES

8. GLASS AND GLAZING
 See Technical Specifications
 Glass to be as follows:
 5/8" tempered insulating units fabricated from two lites of 3/16" clear tempered float glass plus 1/4" air space. Use in all swinging exterior doors, adjacent side lites and all glazing below 2'-0" above the floor.
 5/8" insulating units fabricated from two lites of 3/16" clear float glass plus 1/4" air space. Use in all exterior aluminum entrance frame fixed lites above 2'-0" above the floor, and clerestory windows at the Cafeteria/Gymnasium.
 1/2" insulating units fabricated from two lites of 1/8" clear sheet glass plus 1/4" air space. Use in all exterior clerestory windows except at Cafeteria/Gymnasium.
 1/2" tempered clear float glass to be used at interior doors and interior glass panels below 2'-0" height above floor, at sliding windows type B and C, and at interior windows type E.
 1/2" clear float glass to be used for all interior glazing above 7'-0" height. Vertical edges to be seamed and butt glazed with silicone glazing sealant.
 One-way glass shall be 1/2" float glass with chrome coating to produce transparent mirror with 44% light reflected from coated surface and 33% light reflected from uncoated surface and light transmittance of 8%. Equal to "Duo-vue" by ASG. Use at window D.
 Light lens at receptionist's desk shall be 1/8" thick acrylic translucent sheet with mat finish. Equal to No. W-2447-P-80 "Plexiglas" by Rohm and Haas Co.
 Mirrors to be 1/2" float glass except Physical Therapy mirror (alternate No. 3) to be 1/2" tempered float glass. Mirrors to be mastic applied to wall without use of visible hardware.

8. ALUMINUM WINDOWS
 Fixed and in-swinging hopper vents (Type A) to be 1 1/2" depth frames with rectangular stops for 1/2" insulating glass at lower clerestory windows and 5/8" insulating glass at the Cafeteria and Gymnasium. Frames to be mitered and welded. Operating sash to have white bronze spring latch. Sash and frames shall be finished with a Chromate conversion coating and baked on polyester enamel in white, Aluminum Association designation AA-M10-C41-R1X. Windows to meet AAMA spec. P-A2. Equal to Wausau Metals Corp. series 1000.
 Provide four 6-ft. poles to operate hopper windows.
 Sills for clerestory windows shall be extruded aluminum 3/32" thick x 4 1/2" equal to No. 37737 by Alcoa. Sill to be anodized medium bronze.

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 LG 3/4"=1'-0"
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 3712-R
HOWARD COUNTY ADULT ACTIVITY CENTER
 DOOR AND WINDOW DETAILS
 DRAWING NO.



DIV. NO. SPECIFICATION NOTES

8. ALUMINUM WINDOWS:
Sliding pass-through windows (type B and C) shall be 2" by-passing glass panel doors with extruded aluminum track and surround with steel ball bearing rollers. Equal to assembly No. 710-2D82 anodized medium bronze with No. 753 rollers, No. G-03 spring locks 1 A B door, 2 C door) and GP-148L pulls by Epco. Type B - 3'-4" x 3'-4"; Type C - 11'-6" x 3'-1" h.

Fixed glass interior frame for observation windows (Types D and E) shall be extruded aluminum angle with snap-in head and neoprene glazing channel for 3/4" glazing. Equal to Julius Blum No. 8106 angle, 8107 snap-in head, and 8708 glazing channel. Finish to be anodized medium bronze aluminum. Type D - 3'-4" h x 4'-0" w; Type E - 3'-4" h x 6'-0" w.

5. STRUCTURAL AND MISCELLANEOUS METALS
Cafeteria Ramp Railing: 1-1/2" dia. schedule 40 welded steel pipe with (2) No. 948 end wall returns and (3) No. 386 brackets @ 6'-0" O.C. and (3) No. 372 bracket fillers all by Julius Blum and Co. or equal. Cut 3-1/8" dia. hole in wood siding and mount bracket filler on concrete block. Cut 1-1/2" dia. holes in wood siding to receive wall returns.

Cafeteria Handrail: Fabricate from 6" dia. standard weight hot rolled steel column with .280 in. wall thickness. Mounting plate and flanges to be fabricated from 1/2" steel plate. Exposed bolts to be chrome plated Phillips head machine screws countersunk flush with plastic laminate face. Pipe to be wrapped with post forming grade plastic laminate bonded with special contact adhesive. See color schedule for laminate color.

Wrapping to be "Chem Form" process by Pittcon Industries, Inc., Hyattsville, Md. or approved equal. Finished product to be guaranteed by the manufacturer in writing against delamination for a period of 5 years.

6. CARPENTRY & MILLWORK:
Cafeteria bench to be 3/4" x 2-1/2" red or white oak strip flooring with "vee" joint and tongue and groove on sides and ends JOFMA grade No. 1 common. Flooring to be laid with blind nails. Trim pieces and planking at seat to be oak; size or configuration as shown. Planks and trim to be AWI economy grade plain sawn. Bench to have clear satin urethane varnish finish.

Plastic Laminates: Unless noted otherwise, use general purpose grade - 10 by Formica or equal. See color schedule for color and finish selection.

10. MISCELLANEOUS ACCESSORIES:
Alternate No. 5
Tack Board shall be 1/2" integral color cork composition on 1/2" hardboard backing in extruded aluminum frame. Equal to Series 8 type CO with No. 1117 burnt umber tack board by Claridge.

TACK BOARD @ KITCHEN: SAME AS ABOVE EXCEPT INCLUDED IN PAGE BID.

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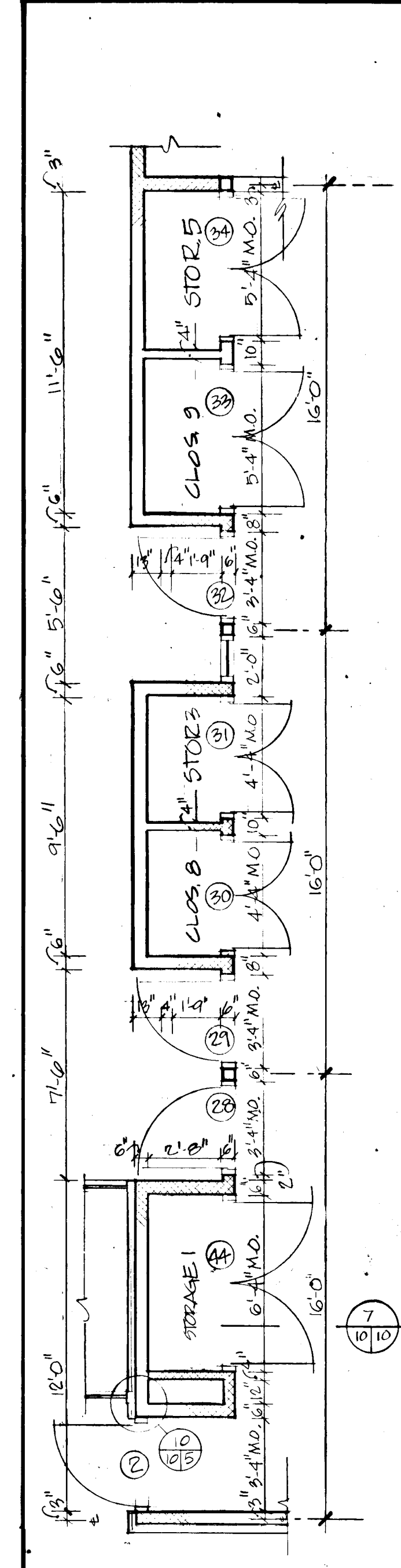
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1978
HOWARD COUNTY ADULT ACTIVITY CENTER

MISCELLANEOUS DETAILS

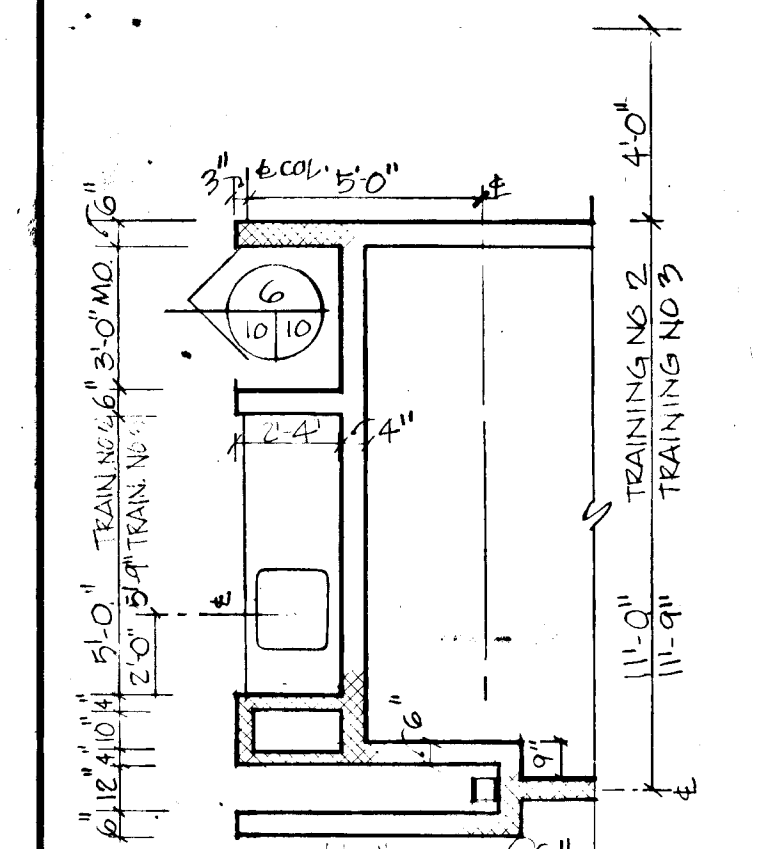
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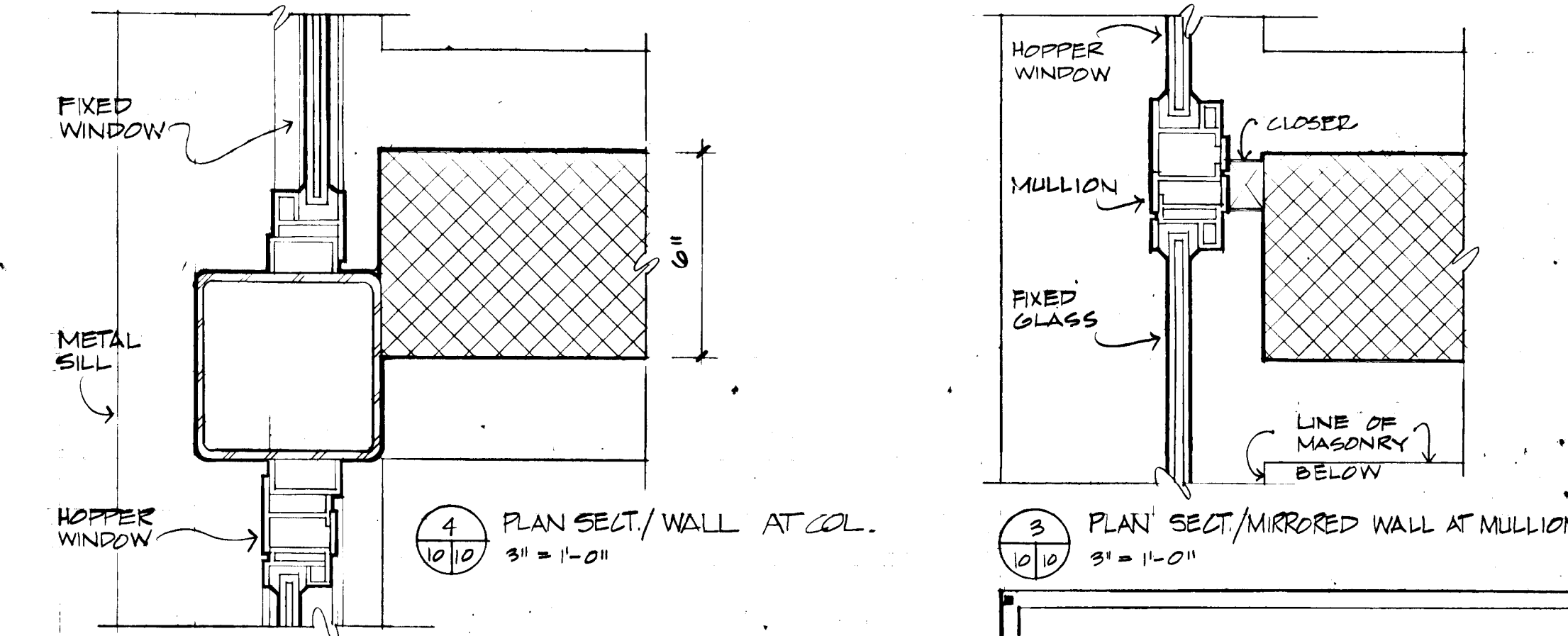
9



① LARGE SCALE PLAN
SCALE 1/4" = 1'-0"

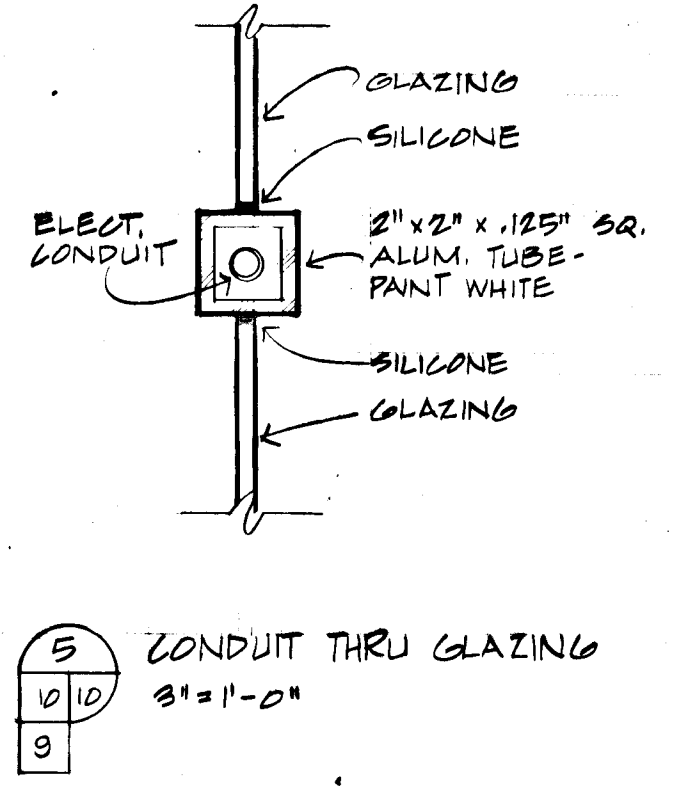


② LARGE SCALE PLAN
SCALE 1/4" = 1'-0"

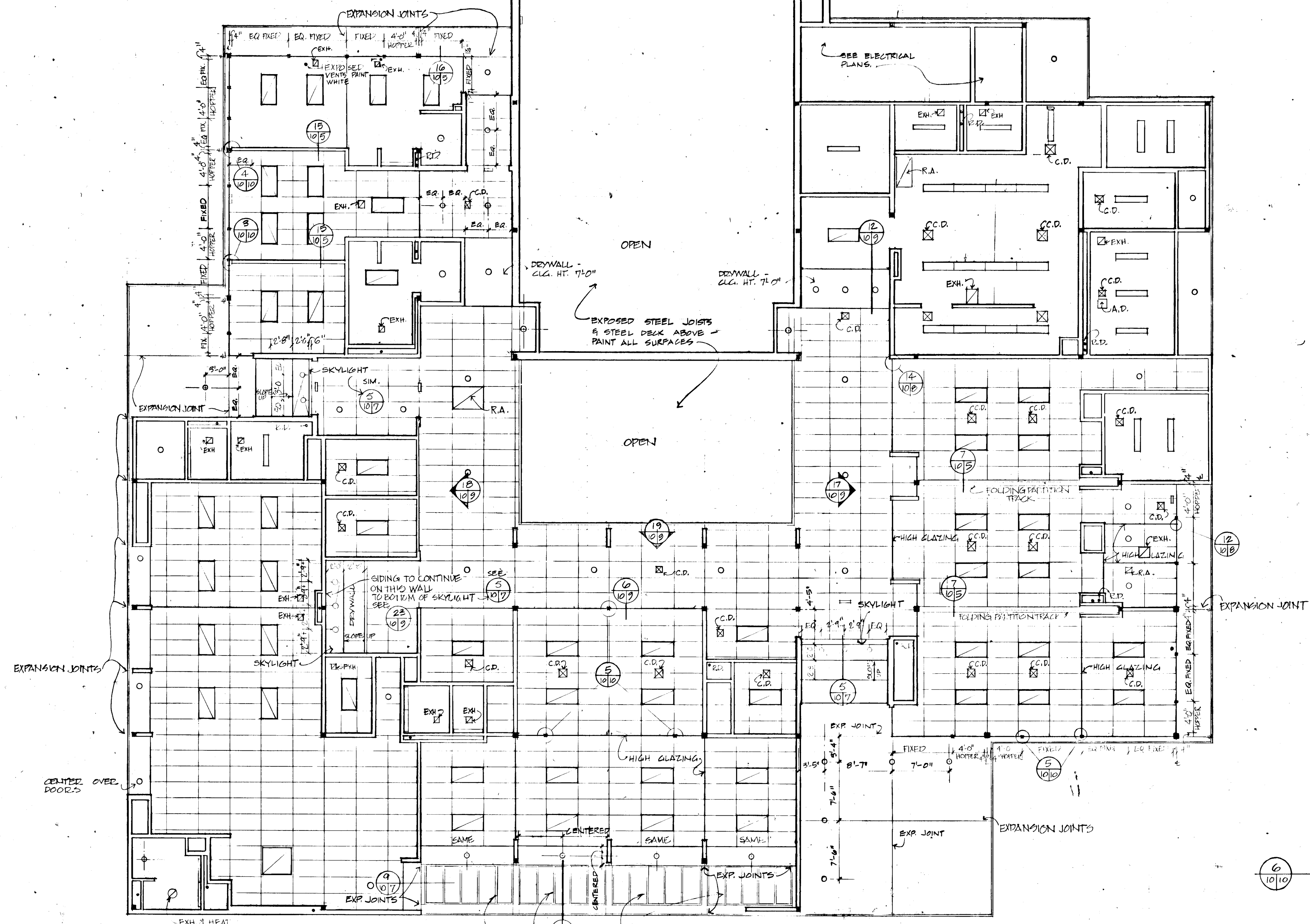


④ PLAN SECT./WALL AT COL.
3" = 1'-0"

③ PLAN SECT./MIRRORED WALL AT MULLION
3" = 1'-0"



⑤ CONDUIT THRU GLAZING
3" = 1'-0"

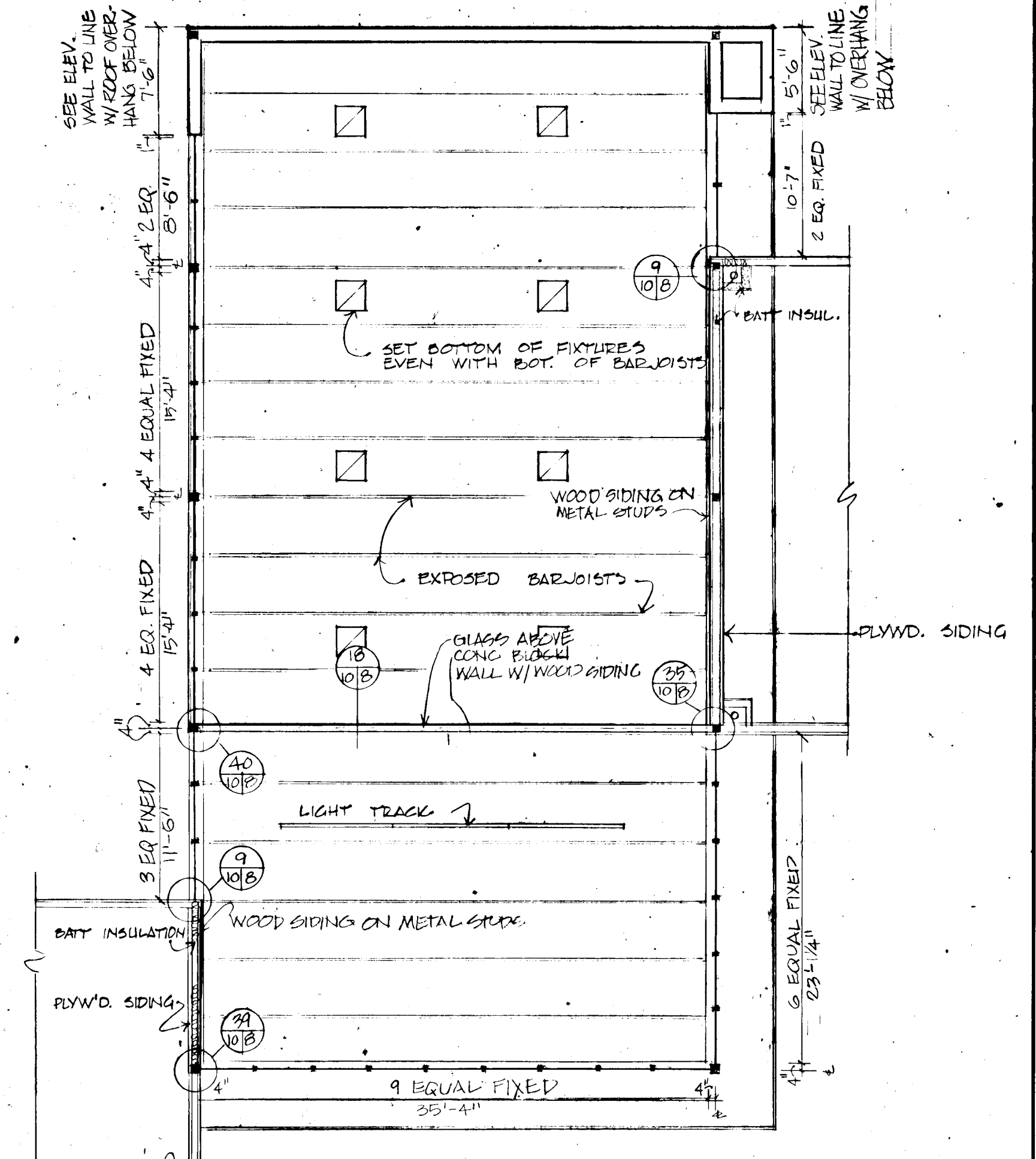


REFLECTED CEILING PLAN (ELEV. 95.5)
SCALE 1/8" = 1'-0"

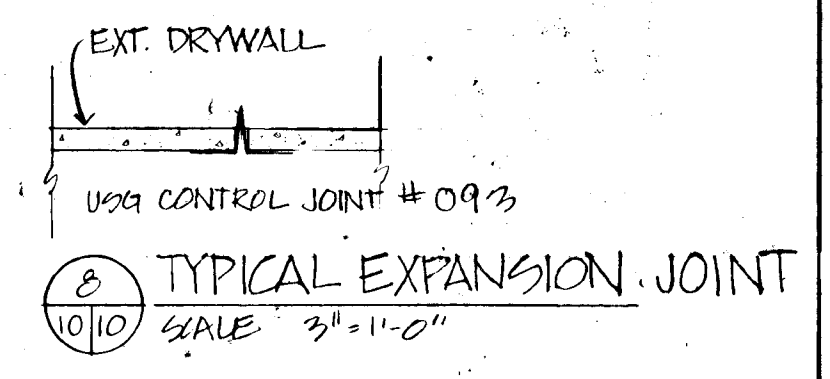
R.D. = ROOF DRAIN
EXH. = CEIL EXHAUST REGISTER
C.D. = CEIL. DIFFUSER
R.A. = RETURN AIR REGISTER
A.D. = ACCESS DOOR

SEE MECH. & PLUMB. DWGS.

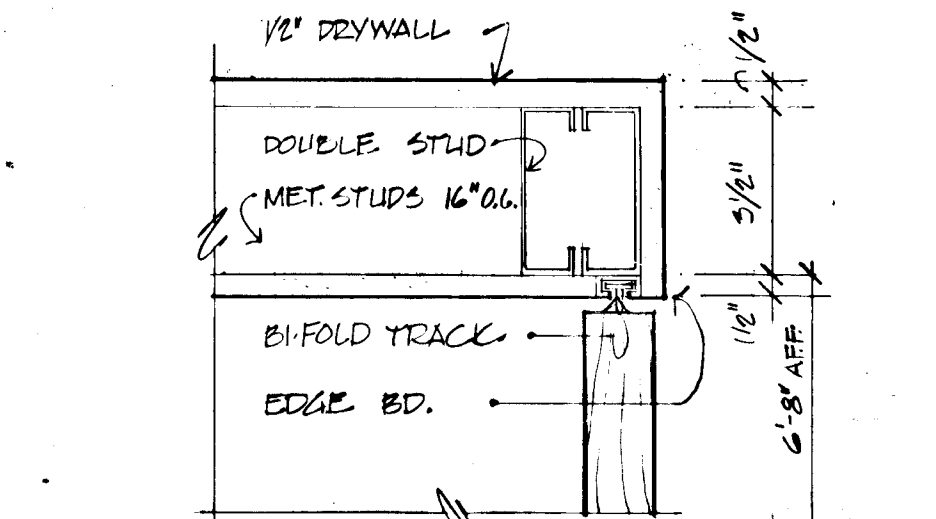
NOTE REGARDING INTERIOR FIXED GLASS:
LENGTH OF FIXED GLASS PANELS NOT TO EXCEED A MAXIMUM OF 10'-0".
SHOP DRAWINGS REQUIRED TO SHOW LOCATION OF JOINTS.



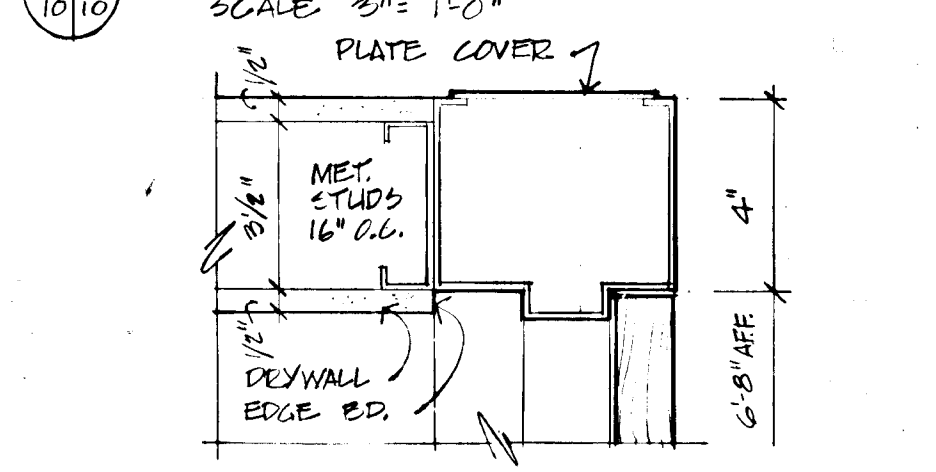
REFLECTED CEILING PLAN-UPPER
SCALE 1/8" = 1'-0"



⑧ TYPICAL EXPANSION JOINT
SCALE 3" = 1'-0"

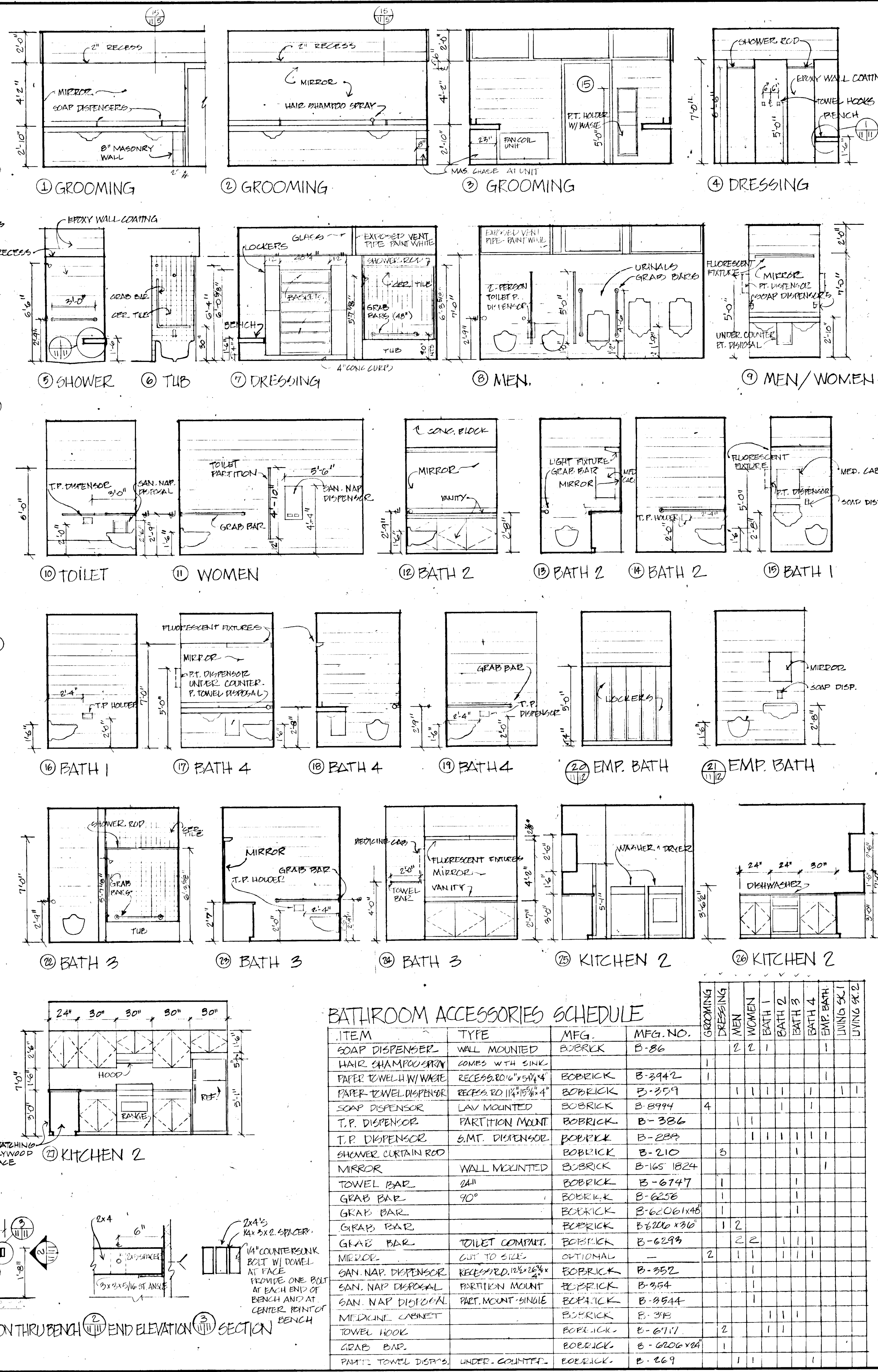
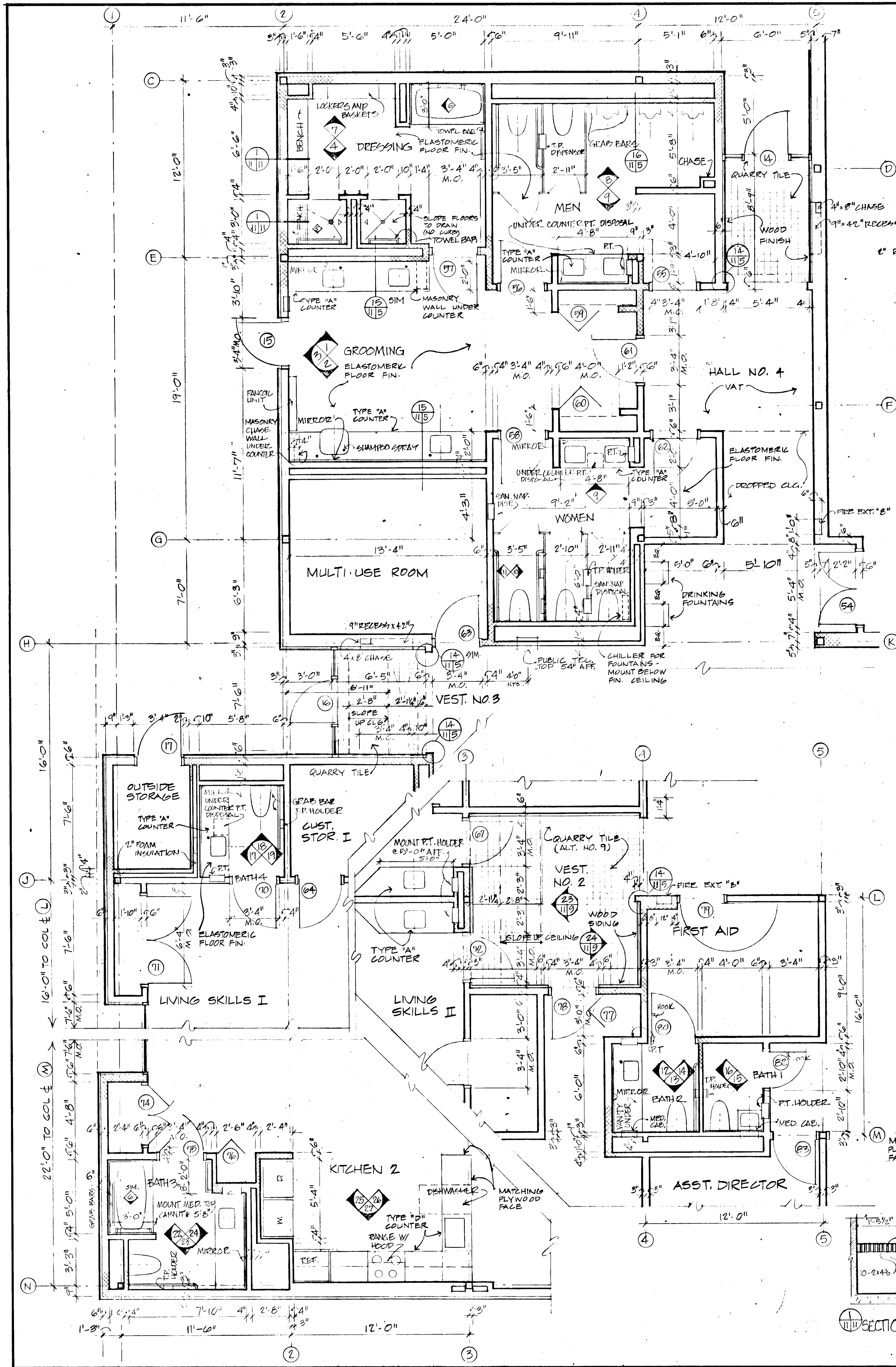


⑥ BI-FOLDING DOOR HEAD
SCALE 2" = 1'-0"



⑦ CLOSET HEAD
SCALE 2" = 1'-0"

| REV. NO. | SPECIFICATION NOTES |
|--|--|
| 9 | ACOUSTICAL CEILING SYSTEM Suspended in-place system shall be non-directional fixture, 24" x 24" x 1.5" (max) with 1.5" coverage and 1.5" depth. Wall mounting, edge m. diff. and exposed. meeting shall be a white, baked enamel finish. |
| REVISIONS FEB 2 95% SUBMISSION 1978 | |
| DRAWN DATE LS 1/8" = 1'-0" | |
| COOPER • LECKY PARTNERSHIP ARCHITECTS 3203 GRACE ST NW, WASHINGTON DC | |
| HOWARD COUNTY ADULT ACTIVITY CENTER | |
| | |
| REFLECTED CEILING PLAN | |
| DRAWING NO | |



BATHROOM ACCESSORIES SCHEDULE

| ITEM | TYPE | MFG. | MFG. NO. | GROOMING | DRESSING | MEN | WOMEN | BATH 1 | BATH 2 | BATH 3 | BATH 4 | EMP. BATH | LIVING SKILL |
|-----------------------|-----------------------|----------|-------------|----------|----------|-----|-------|--------|--------|--------|--------|-----------|--------------|
| SOAP DISPENSER | WALL MOUNTED | BOBRICK | B-86 | | | 2 | 2 | 1 | | | | | |
| HAIR SHAMPOO | ROCKS WITH SINK | | | | | | | | | | | | |
| PAPER TOWEL W/ WARE | RECESS 10" x 15" x 4" | BOBRICK | B-2942 | | | | | | | | | | |
| PAPER TOWEL DISPENSER | RECESS 10" x 15" x 4" | BOBRICK | B-259 | | | | | | | | | | |
| SOAP DISPENSER | LAV MOUNTED | BOBRICK | B-8994 | | | 4 | | | | | | | |
| T.P. DISPENSOR | PARTITION MOUNT | BOBRICK | B-386 | | | | | | | | | | |
| T.P. DISPENSOR | S.M.T. DISPENSOR | BOBRICK | B-229 | | | | | | | | | | |
| SHOWER CURTAIN ROD | | BOBRICK | B-210 | | | 3 | | | | | | | |
| MIRROR | WALL MOUNTED | BOBRICK | B-165 1824 | | | | | | | | | | |
| TOWEL BAR | 24" | BOBRICK | B-6747 | | | 1 | | | | | | | |
| GRAB BAR | 90° | BOBRICK | B-6258 | | | | | | | | | | |
| GRAB BAR | | BOBRICK | B-6206 1146 | | | 1 | | | | | | | |
| GRAB BAR | | BOBRICK | B-6206 1316 | | | 1 | | | | | | | |
| GRAB BAR | TOILET COMPART. | BOBRICK | B-6293 | | | 1 | 2 | | | | | | |
| MIRROR | CUT TO SIZE | OPTIONAL | | 2 | | | | | | | | | |
| SAN. NAP. DISPENSOR | RECESS 12" x 18" x 4" | BOBRICK | B-952 | | | | | | | | | | |
| SAN. NAP. DISPENSOR | PARTITION MOUNT | BOBRICK | B-954 | | | | | | | | | | |
| SAN. NAP. DISPENSOR | PART. MOUNT SINGLE | BOBRICK | B-954A | | | | | | | | | | |
| MEDICINE CABINET | | BOBRICK | B-318 | | | | | | | | | | |
| TOWEL HOOK | | BOBRICK | B-6111 | | | 2 | | | | | | | |
| GRAB BAR | | BOBRICK | B-6206 1146 | | | 1 | | | | | | | |
| PART. TOWEL DISP. | UNDER COUNTER | BOBRICK | B-269 | | | 1 | | | | | | | |

SECTION THROUGH BENCH (1) END ELEVATION (2) SECTION (3)

SPECIFICATION NOTES

6. CARPENTRY & MILLWORK:
Shower and dressing bench: Fabricate from clear all heart redwood 2" x 4" with 1/2" tempered hardboard spacers. Bolts, washers, nuts and screws to be galvanized. Bolts to be countersunk. Holes to be wood plugged on exposed side.

9. CERAMIC TILE:
4-1/2 x 4-1/2 x 5/16" thick bright glazed tile set on block with dry set mortar. All exposed edges to be bull nosed. Installation to be in accordance with the recommendations of the Tile Council of America. Tile and mortar color to be selected by the Architect.

ELASTOMERIC FLOORING
Elastomeric flooring for Men, Women, Dressing, Grooming and Bathroom No. 4 areas shall be minimum 3/16" thick, trowel applied elastomeric composition flooring with slip resistant surface. Flooring shall be covered up all walls to a height of 4 inches. Floor drains and plumbing roughing through the floor to be compatible with flooring system. Flooring to be installed in strict accordance with the manufacturer's directions. Equal to Dexterox "Nectex" by Crossfield products Corp.

10. MISCELLANEOUS ACCESSORIES
Employees lockers shall be 12" x 12" x 60" single tier, top and bottom louvers in doors, and with shelf and hooks, and sloped tops. Lockers to be installed on concrete curb.

Dressing lockers shall be locker and basket rack combination of double tier lockers 12" x 12" x 72" and basket rack 40" x 13" x 68-5/8" with 21 standard baskets installed on concrete curb.

Lockers to be standard color as selected by the Architect, equal to Lyons metal products.

Toilet partitions shall be floor braced type with top of doors, pilasters and partitions flush without overhead bracing. Partitions 1" thick, 20 gauge face sheets Doors 1" thick, 22 gauge face sheets Pilasters 1/2" thick, 18 gauge face sheets Compartments made from galvanized, bonded steel with baked enamel finish doors to have gravity hinges, with swings and sizes shown on the drawings.

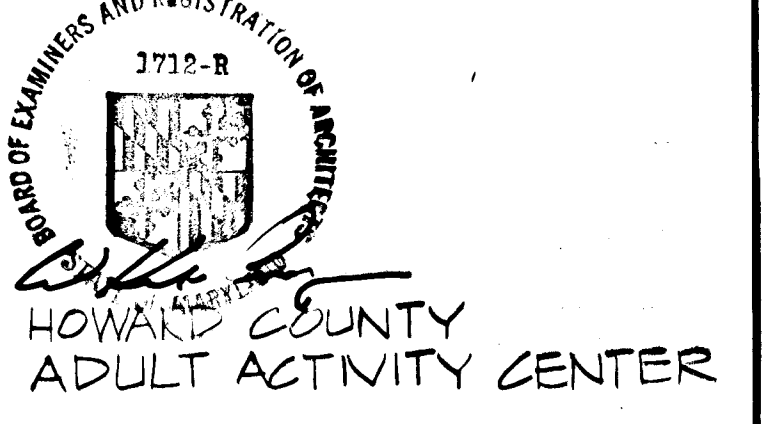
Equal to series 500 compartments by The Mills Co. Color to be manufacturer's standard as selected by the Architect.

Toilet Accessories: All toilet accessories shall be chrome or stainless steel by Bobrick or approved equal. Numbers as shown in schedule.

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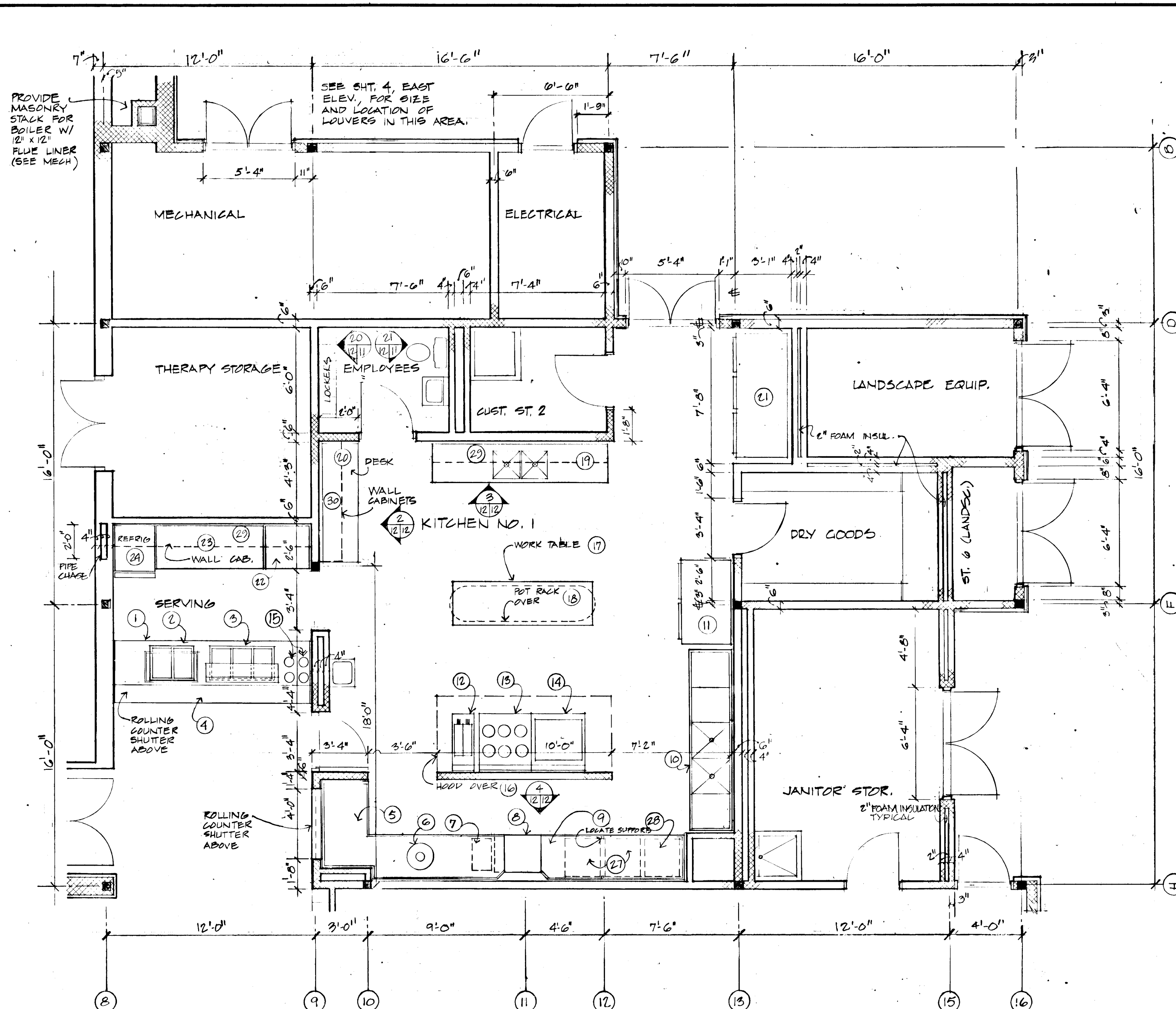
DRAWN DATE SCALE
1/4" = 1'-0"

COOPER-LECKY PARTNERSHIP ARCHITECTS
3203 GRAY ST. NW. WASHINGTON D.C.



LARGE SCALE PLANS

DRAWING NO.

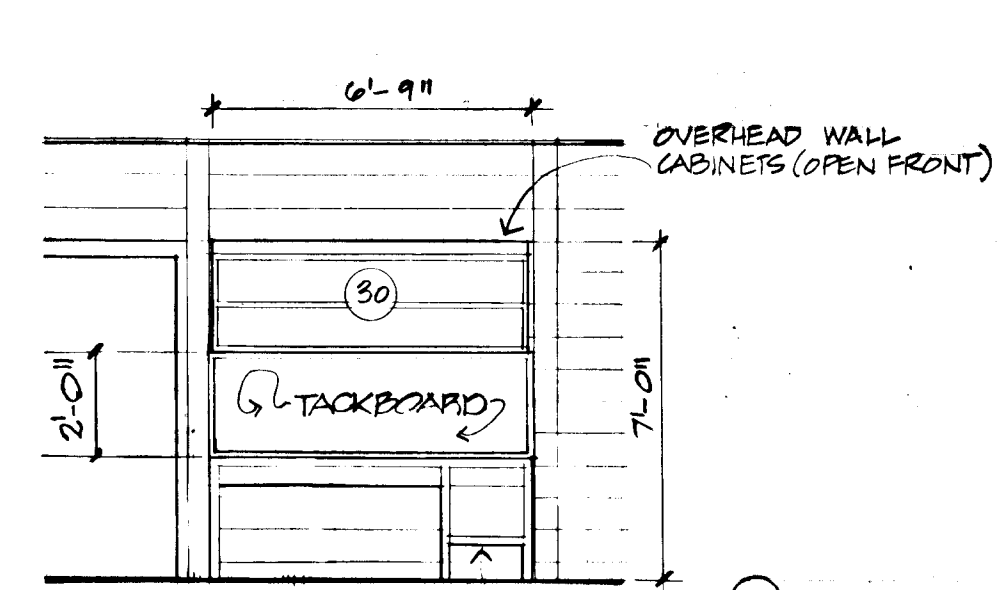


KITCHEN EQUIPMENT* SCHEDULE

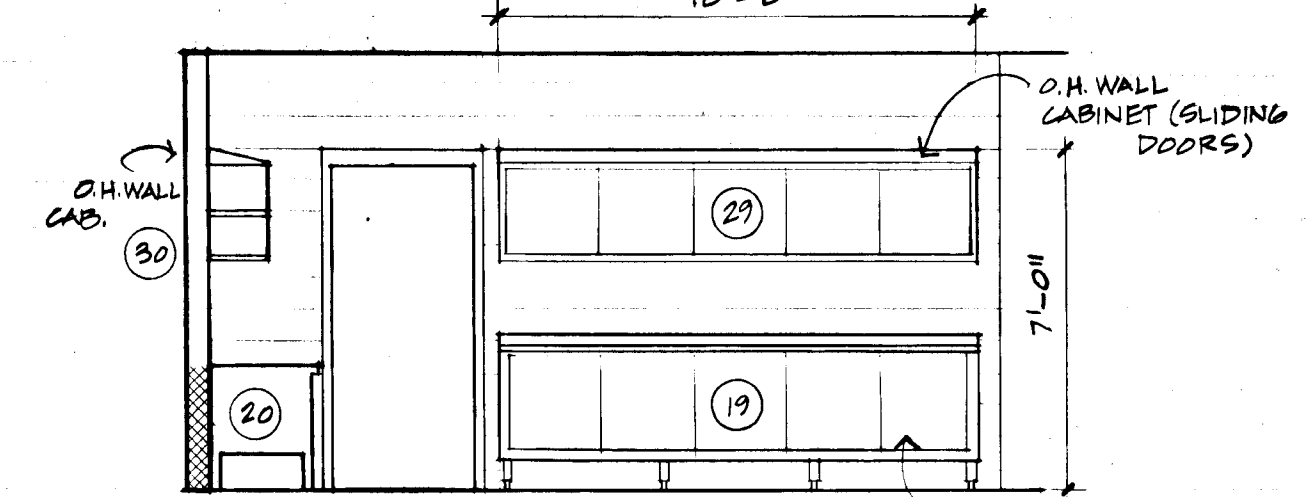
| ITEM | EQUIPMENT | MANUFACTURER | MODEL NO. | WATER | | WASTE | | ELECTRICAL | | NO. REQ. | REMARKS | |
|------|------------------------------|------------------|------------|---------|------|-----------------|---|------------|------|----------|--------------------------------------|--|
| | | | | COLD | HOT | DIRECT | OPEN | VOLTS | KV | | | H.P. |
| 1 | SERVING COUNTER | FABRICATE | CUSTOM | | | | | | | 1 | STAINLESS STEEL TOP, GALVANIZED BASE | |
| 2 | COLD PAN | SET & SERVE | WCM-D-2 | | | | | 120/1 | | 1/5 | 1 | |
| | DISPLAY CASE (OVER 2) | SET & SERVE | DD-2 | | | | | 120/1 | .05 | | 1 | FLUORESCENT LIGHTS |
| 3 | HOT FOOD WELLS | WELLS | 300 | | | | | 208 | 3.0 | | 1 | |
| | PROTECTOR CASE (OVER 3) | SET & SERVE | PR-3 | | | | | 120/1 | .05 | | 1 | HEAT STRIPS |
| 4 | TRAY SLIDE (SEE ITEM 1) | | | | | | | | | | | STAINLESS STEEL |
| 5 | SOILED DISHTABLE | FABRICATE | CUSTOM | | | | | | | | 1 | STAINLESS STEEL TOP |
| 6 | DISPOSER | IN-SINK-ERATOR | SS-75-10C | 50 GPM | | 1/2" | | 208/3 | | 3/4 | 1 | RESILIENT MOUNTING |
| | PRE-RINSE | T-25 BRASS | B-113 | 1/2" | 1/2" | | | | | | 1 | |
| 7 | BOOSTER HEATER | HATCO | CC-15 (87) | 154 GPM | | | | 208/3 | 15 | | 1 | |
| 8 | DISHWASHER | TOASTMASTER | TKM-27 | | | 3/4" | | 208/3 | 5 | 1 | 1 | STRAIGHT THRU OPER. |
| 9 | CLEAN DISHTABLE | FABRICATE | CUSTOM | | | | | | | | 1 | STAINLESS STEEL |
| 10 | POT SINK | FABRICATE | | | | 1/2" | 1/2" | 3 @ 120/1 | | | 1 | STAINLESS STEEL TOP |
| 11 | REFRIGERATOR | HOBART | HV-2 | | | | | 120/1 | | 1/3 | 1 | VINYL FINISH |
| 12 | FRYER | TOASTMASTER | 1457 | | | | | 208/3 | 12.5 | | 1 | |
| 13 | HOT PLATE RANGE (OVEN BASE) | TOASTMASTER | 20 KIE | | | | | 208/3 | 17.4 | | 1 | S.S. FRONT, INCL. LEGS |
| 14 | MIDDLE TOP RANGE (OVEN BASE) | TOASTMASTER | 20 CIE | | | | | 208/3 | 22.5 | | 1 | S.S. FRONT, INCL. LEGS |
| 15 | SILVER HOLDERS | | | | | | | | | | 4 | STAINLESS STEEL |
| 16 | EXHAUST HOOD | FABRICATE (S.S.) | CUSTOM | | | SEE MECH. DWGS. | 10" EXHAUST FAN C. DUCTWORK IN BASE CONTACT | | | | 1 | INCL. DRY CHEMICAL FIRE EXTINGUISHING SYSTEM |
| 17 | WORK TABLE | FABRICATE | CUSTOM | | | | | | | | 1 | STAINLESS STEEL TOP, GALVANIZED BASE |
| 18 | POT RACK (OVER 17) | | | | | | | | | | 1 | WELDED IRON BAND |
| 19 | VEGETABLE SINK & COUNTER | FABRICATE | CUSTOM | | | 1/2" | 1/2" | 2 @ 120/1 | | | 1 | STAINLESS STEEL TOP, GALVANIZED BASE |
| 20 | DESK (N.I.C.) | | | | | | | | | | 1 | PLAS. LAMINATE FIN. |
| 21 | FREEZER | HOBART | HVF-3 | | | | | 120/208 | 1.4 | | 1 | |
| 22 | ICE MAKER | ROSS-TEMP | RC-150-SC | | | 3/8" | | 3/4" 120/1 | | 1/3 | 1 | 6" LEGS |
| 23 | WORK TABLE | FABRICATE | CUSTOM | | | | | | | | 1 | STAINLESS STEEL TOP, GALVANIZED BASE |
| 24 | REFRIGERATOR | HOBART | HV-1 | | | | | 120/1 | .75 | 1/4 | 1 | VINYL FIN; INCL. LEGS |
| 25 | VOID | | | | | | | | | | | |
| 26 | VOID | | | | | | | | | | | |
| 27 | DISH CADDY | CADDY | T-100 | | | | | | | | 2 | INCL. PARTITIONS |
| 28 | TRAY CADDY | CADDY | T-100 | | | | | | | | 1 | |
| 29 | WALL CABINETS | SOUTHERN EQUIP | CUSTOM | | | | | | | | 2 | SLIDING DOORS |
| 30 | WALL CABINETS | SOUTHERN EQUIP | CUSTOM | | | | | | | | 1 | OPEN FRONT |

*KITCHEN EQUIPMENT IS BID AS AN ALLOWANCE - SEE SPECIAL PROVISIONS

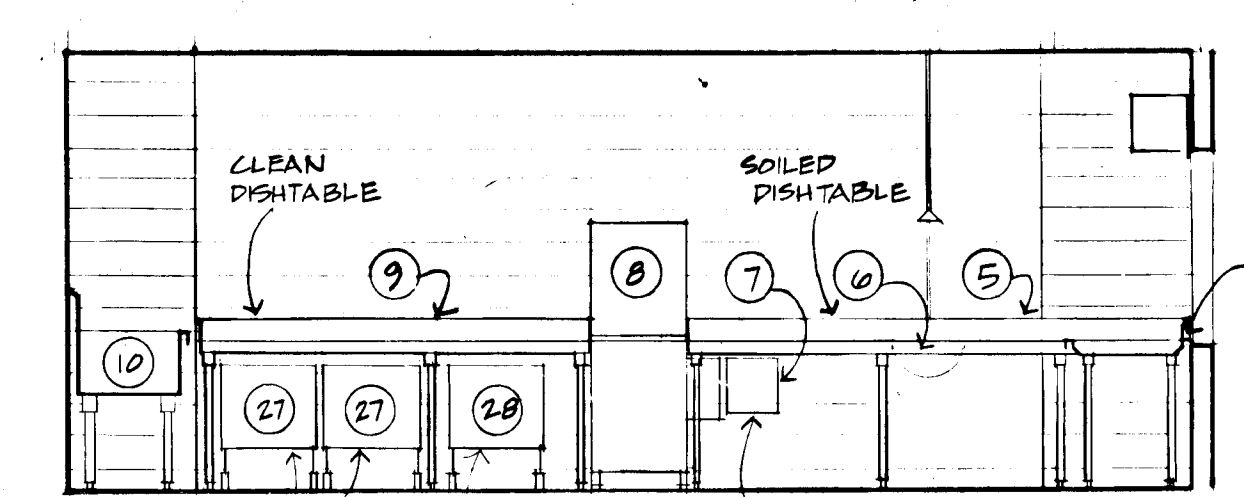
1 PLAN - KITCHEN NO. 1
1/4" = 1'-0"



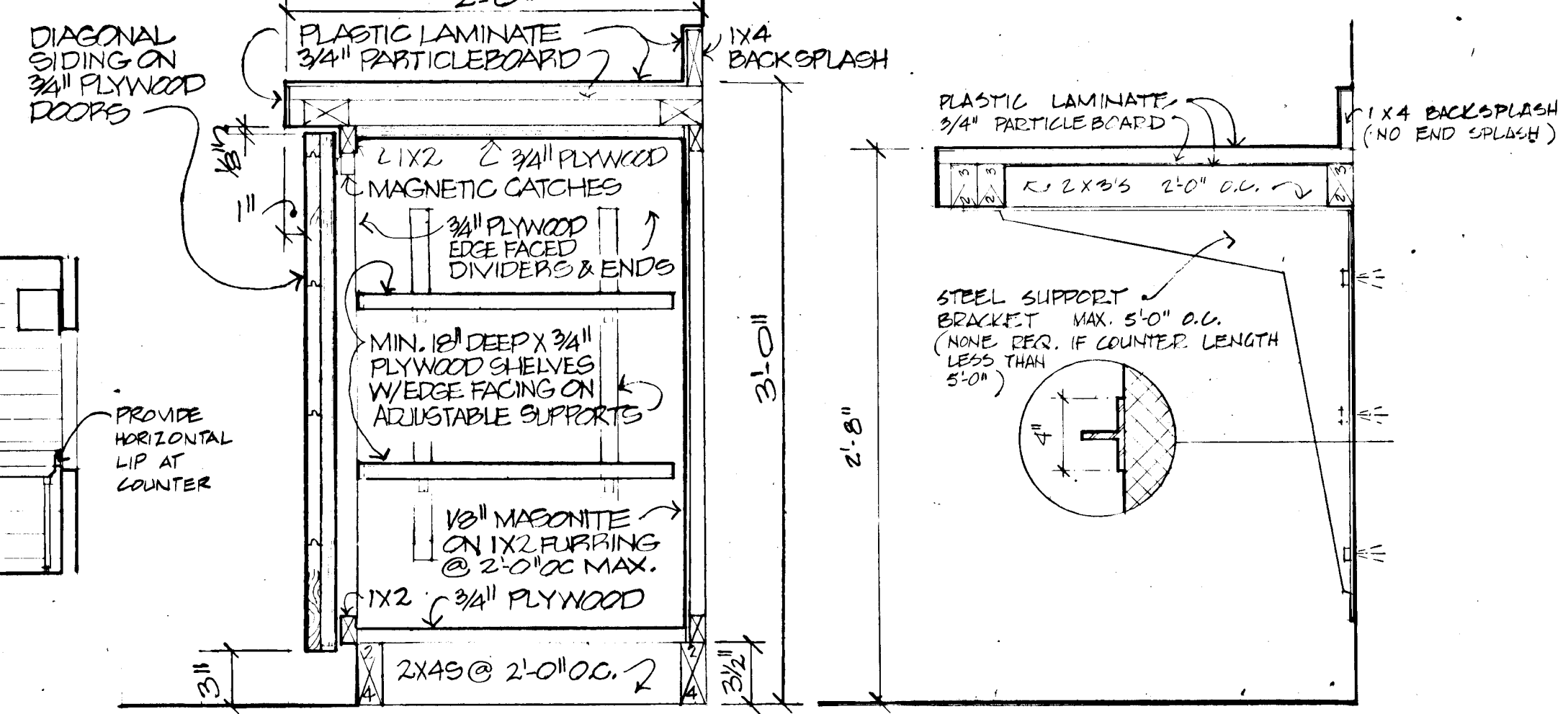
2 INTERIOR ELEV.
1/4" = 1'-0"



3 INTERIOR ELEV.
1/4" = 1'-0"

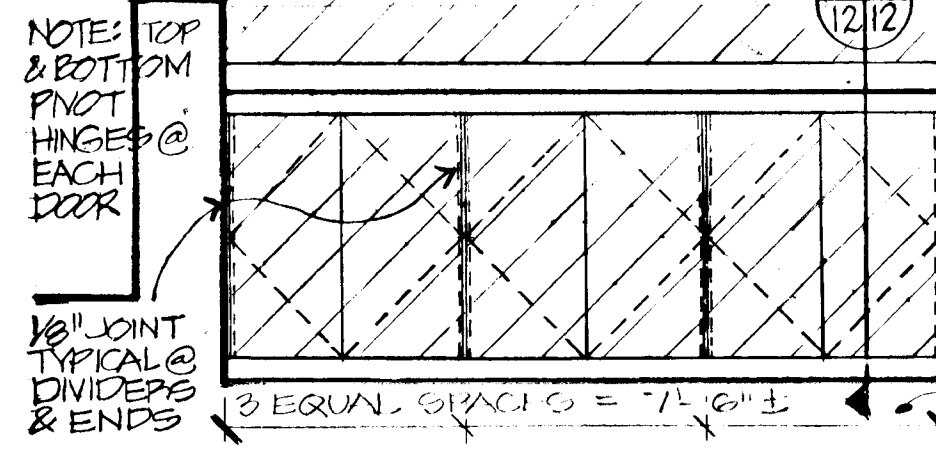


4 INTERIOR ELEV.
1/4" = 1'-0"



5 TYP. SECT. - CONDIMENT COUNTER
SCALE: 1/2" = 1'-0"

7 TYP. SECT. - TYPE "A" COUNTER
SCALE: 1/2" = 1'-0"



6 ELEVATION - CONDIMENT COUNTER
SCALE: 1/2" = 1'-0"

DIV NO. SPECIFICATION NOTES

5. STRUCTURAL & MISCELLANEOUS METALS:

Wall Louvers:
Fixed louvers shall be extruded aluminum stormproof 30° blade with channel frame finished with fluoropolymer coating baked on. Equal to model 4272 by Construction Specialties, Inc.
Operable louvers shall be extruded aluminum stormproof, weatherstripped 45° hand crank operating louver with channel frame, clear anodized finish. Equal to model 4830 by Construction Specialties, Inc.

8. ROLL-UP COUNTER DOORS

Roll-up counter doors shall have 20 gauge galvanized steel narrow slats (1 1/4" wide) with track and hood suitable for between wall mounting. Slats, track and hood to be factory primed for field painting. Push up operation for door No. 45 and crank operation with removable crank for door No. 51. Equal to Cookson models FD10-1 and FD10-2. Units to have 3/4 hr. fire rating equipped with an automatic closing device with 160°F fusible link.

9. QUARRY TILE

Quarry tile shall be 6" x 6" x 3/8" hard burned clay unglazed, standard finish on Cafeteria floor, slip resistant finish on stairs, ramps, vestibules and in kitchen. Tile to be set with latex adhesive mortar. Tile equal to "Umber" Murray Quarry Tile by American-Clean. See color schedule for tile selection.

10. CABINETS

See Allowances for Kitchen and vanity cabinets

Fire Extinguishers shall be 5 lb. dry chemical type suitable for classes A, B & C fires, UL rating 2A-10BC with gauge, hose and horn. Equal to Cosmic E model SE by J.L. Industries. Type "A" equals one extinguisher or bracket equal to Mark II, by J.L. Industries. Type "B" equals one extinguisher in Ambassador mini cabinet, prime coated steel, recessed contemporary panel equal to model 999 with V panel by J.L. Industries.

Public Telephone shall be fully recessed type with flush face and shelf under. Welded stainless steel construction with brushed finished surface. Equal to model PB-200-ABR by Phillips and Brooks, Inc.

11. KITCHEN EQUIPMENT

Kitchen equipment: See allowances for equipment in Kitchen Nos. 1 and 2.

15. PLUMBING

Drinking fountains shall be bronze tone stainless steel wall mounted with bubbler a minimum 14" away from wall. Equal to model 6800 WC by Halsey-Taylor with "Patina" finish. Mount with deck at 30" above floor. Remote cooler shall be 1/2 H.P. motor, 6.0 gal. capacity of 50° water with incoming water at 80°F and ambient at 90°F. Unit shall be thin wall mounted type equal to model SJ-6-A-3 by Halsey Taylor. Paint to match wall color.

REVISIONS

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3203 GRACE ST. N.W. WASHINGTON D.C.



HOWARD COUNTY ADULT ACTIVITY CENTER

LARGE SCALE KITCHEN PLAN

DRAWING NO.

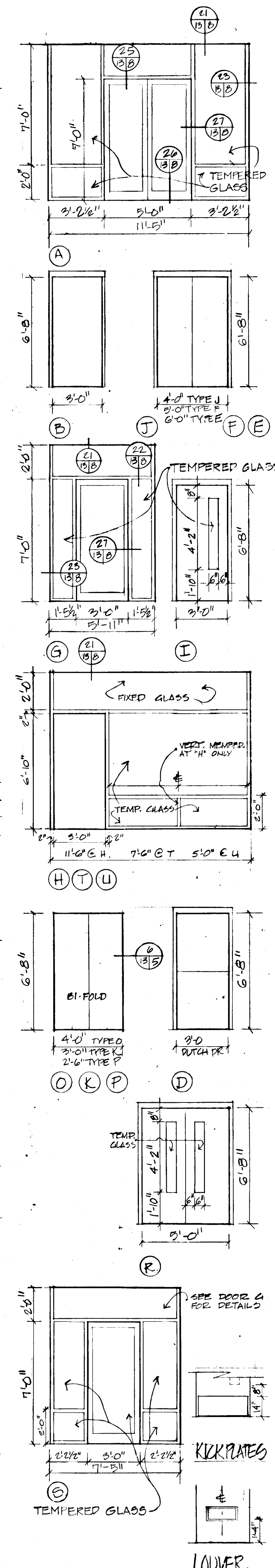
ROOM FINISH SCHEDULE

Table with columns: ROOM, FLOOR, FINISH, WALLS, FINISH, CEILING, FINISH, BASE, REMARKS. Lists finishes for various rooms like VEST, TRAINING, KITCHEN, etc.

VAT - VINYL ABOVE/TILE
CMU - CONC. MASONRY UNITS
A.C. TILE - ACOUSTICAL TILE
PAINT - SEMI-GLOSS ENAMEL
W.C.S. - WALLS COATING SYSTEM
E.F. - ELASTOMERIC FLOORING

DOOR SCHEDULE

Table with columns: NO., LOCATION, TYPE, MATERIAL, DETAILS-LOCATION NO., REMARKS. Lists door specifications for various rooms, including materials like GLASS, METAL, WOOD.



DIV NO SPECIFICATION NOTES

- 3. CONCRETE WORK
See Technical Specifications.
Sealer Curing Compound for natural concrete slabs to be clear acrylic co-polymer sealer meeting AASHTO M-148 and ASTM C-309 specifications.
Concrete slab in gymnasium shall be steel troweled finishes with a maximum variation in level of 1/8" in ten feet. Gym slab shall have vapor barrier turned up around the perimeter.
8. FINISH HARDWARE
See Allowances in Special Provisions
9. WALLBOARD
Unless otherwise noted on the Finish Schedule wallboard shall be 1/2" thick, tapered edge gypsum boards equal to "Sheetrock" by USG, applied with drywall screws, joints taped and spackled. Gypsum sheathing for synthetic plaster finish shall be exterior grade, screw applied, tape and spackle not required. See Tech. Specs.
WOOD PARQUET FLOORING
Wood parquet flooring shall be prefinished oak parquet in basketweave pattern, tiles installed with adhesive. Provide matching reducing strips to 1/8" thick at transition points to other finishes. Equal to Heritage Square Flooring by Bruce Hardwood Floors. Color to be selected by Architect.
ALTERNATE NO. 1 URETHANE FLOORING
Urethane flooring shall be polyurethane material specially formulated for poured in place application for gymnasium use. Material shall be applied to a minimum thickness of 1" with a smooth finish. Variations in level of concrete slab greater than 1/8" in 10 feet shall be corrected using an approved leveling compound approved by the flooring manufacturer.
Finishing to be as shown on plan. Flooring to be installed in accordance with manufacturer's directions. Equal to "Unitite" by American Builtite. Standard color to be selected by Architect.
RESILIENT FINISHING
Vinyl sheeting shall be 32" x 12" x 1/8" thick, laminate impervious underside by Armstrong. See color schedules for color selection. Tiles shall be laid in staggered joint pattern with grain running in direction of continuous joint.
Vinyl base shall be 2-1/2" high vinyl cove base equal to .060" gauge vinyl wall base by Armstrong. Color to be selected by Architect.
COATINGS
All colors to be selected by Architect. Color Schedule to follow under separate cover.
CARPETING
See Allowances.

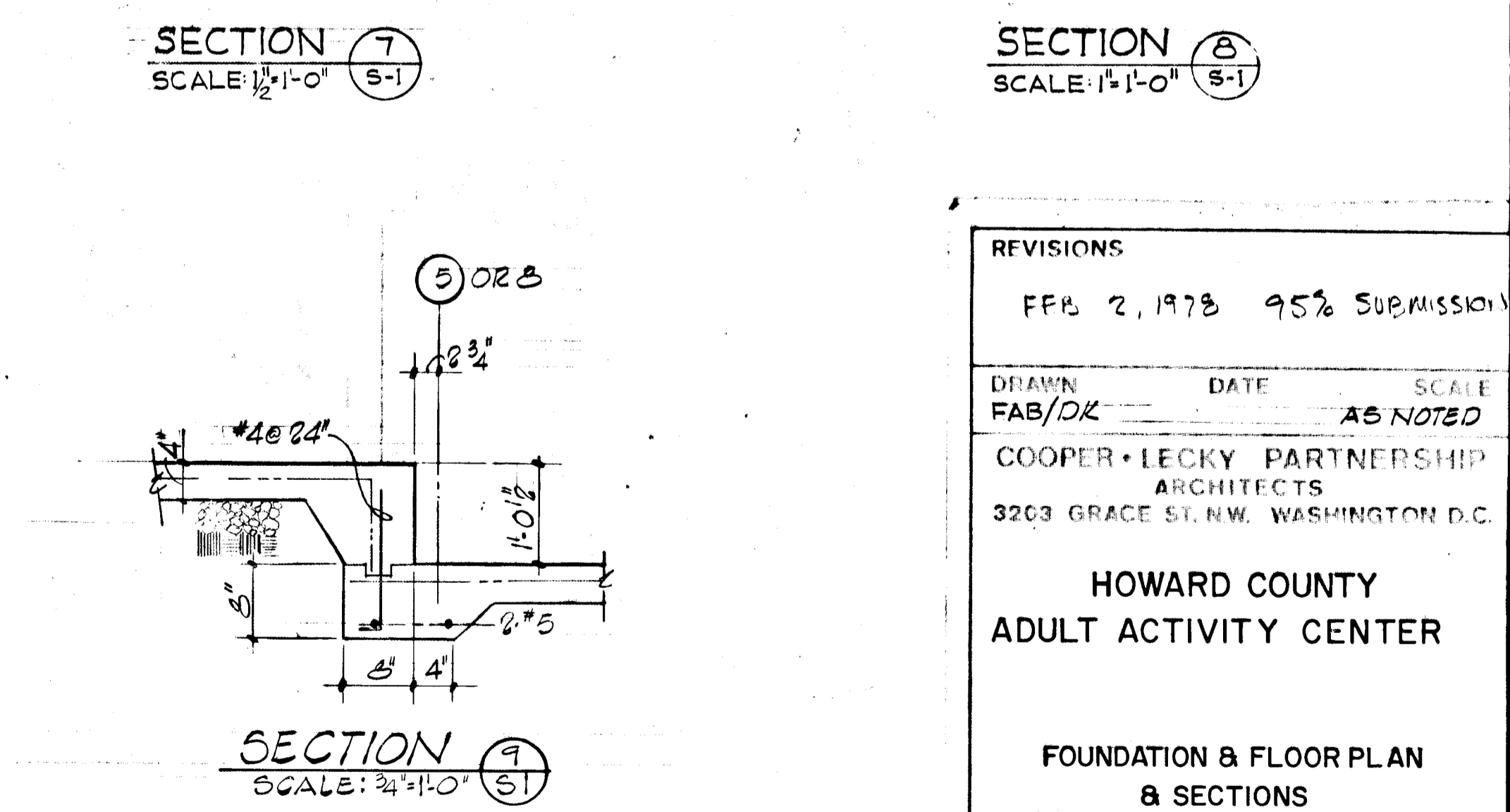
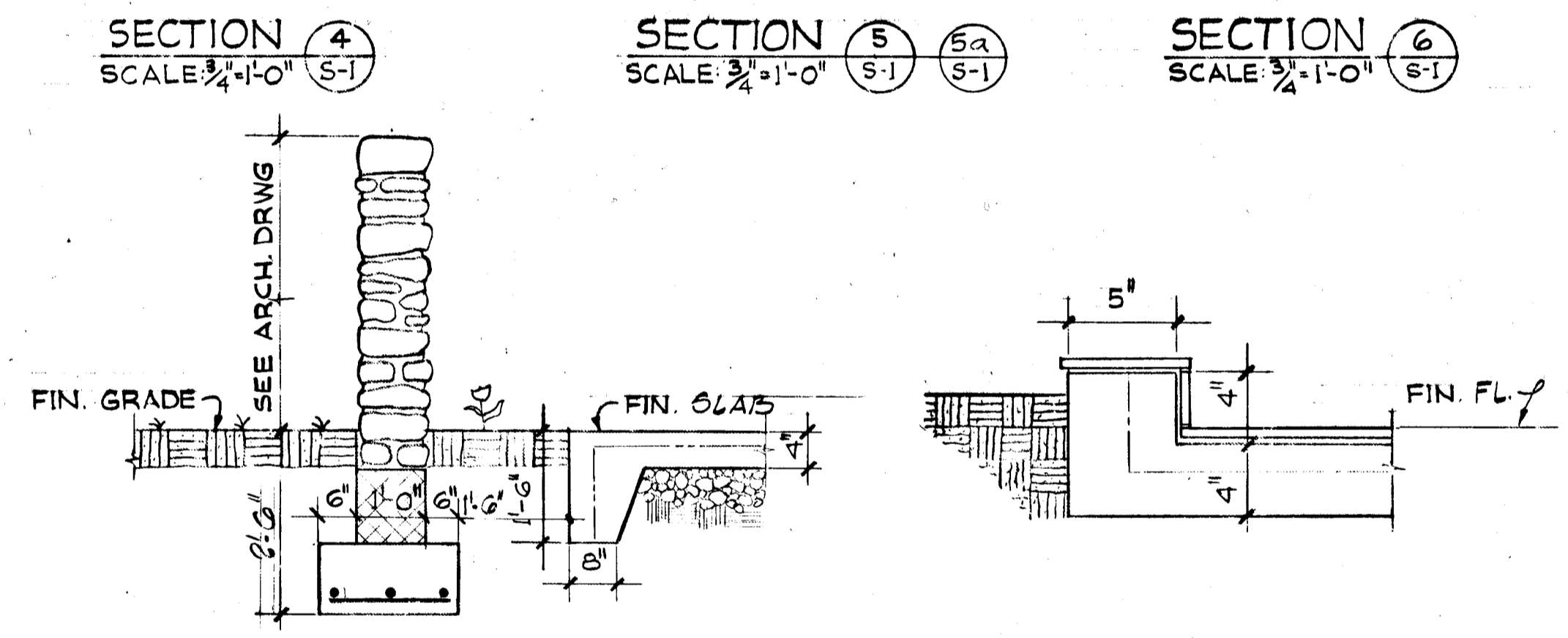
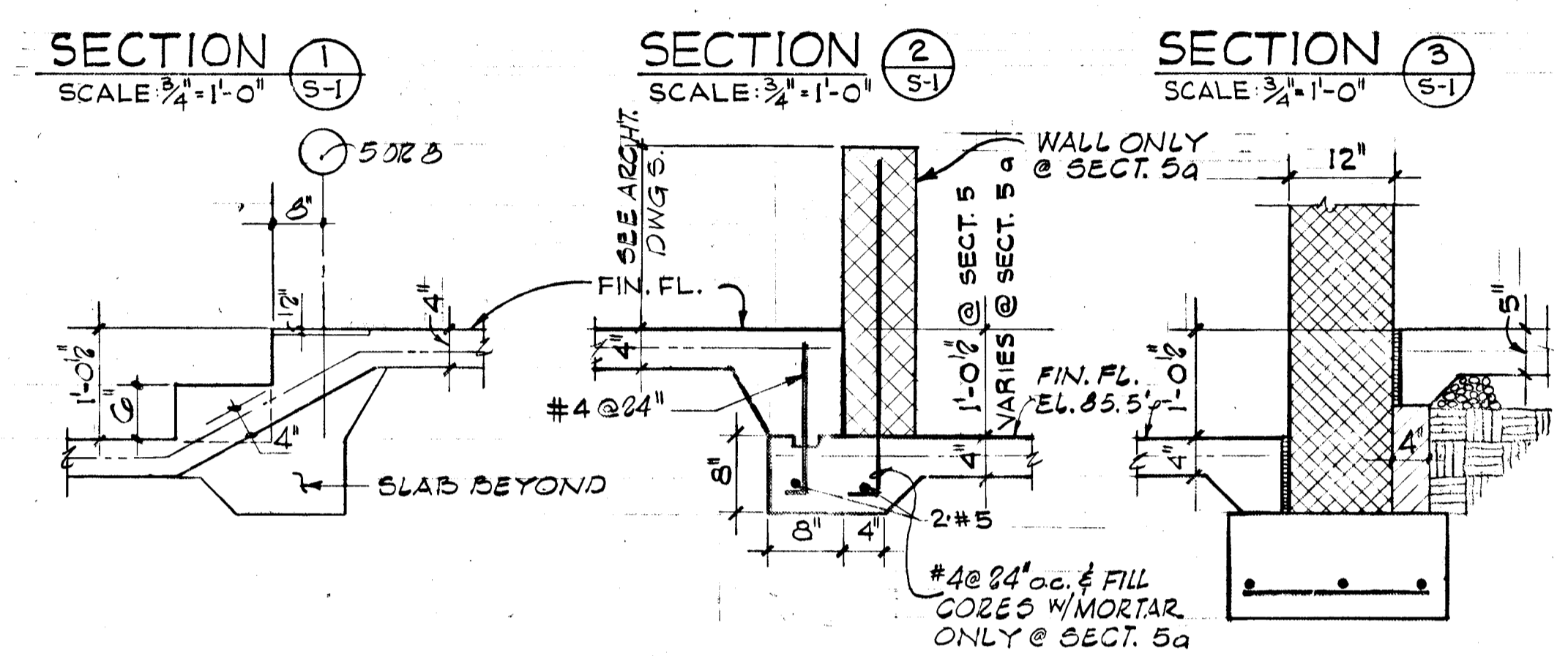
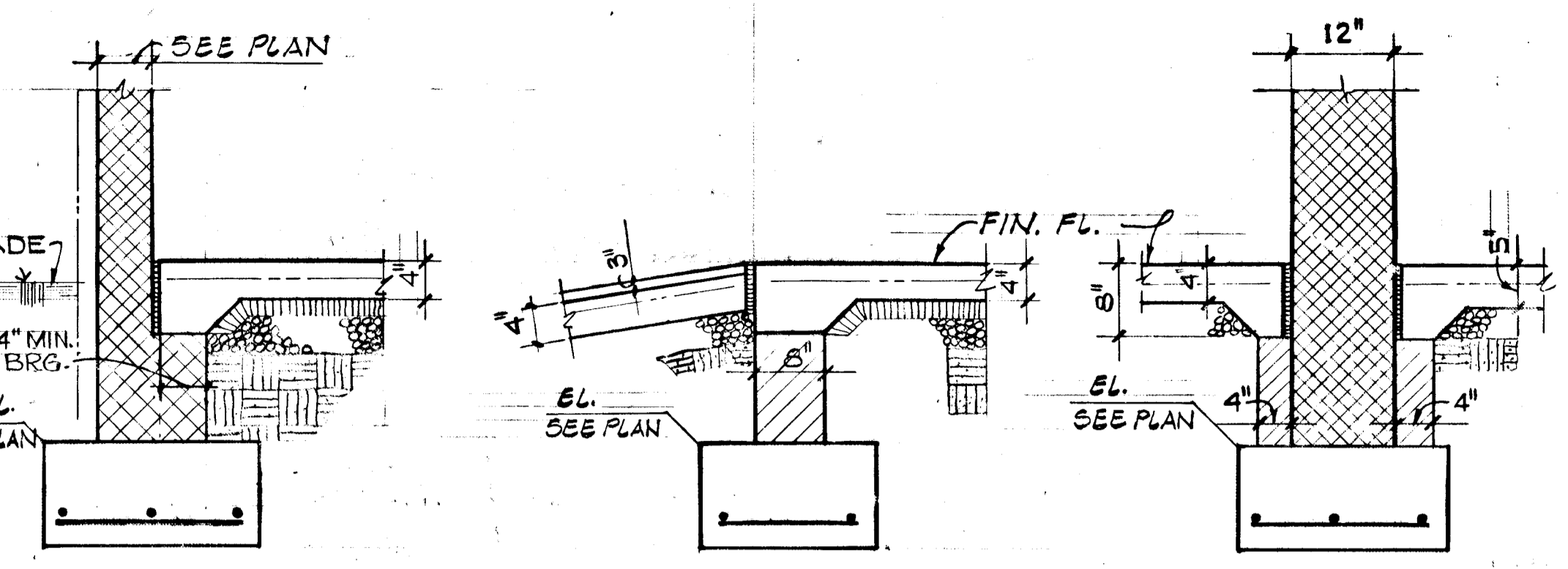
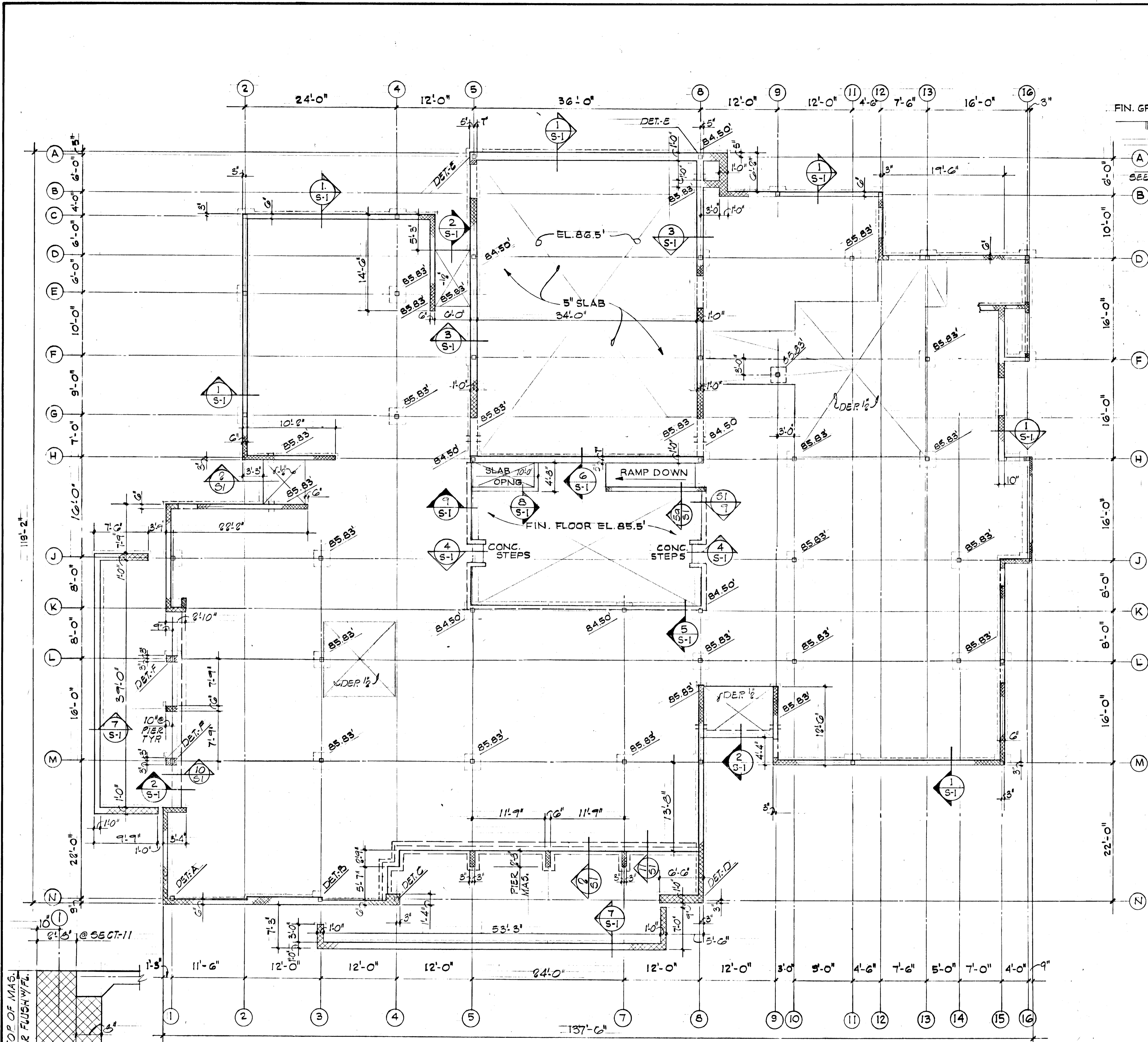
REVISIONS
PPB 2.1978 95 & SUBMISSIONS

DRAWN DATE
LS 1/4/78

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3203 GRACE ST NW WASHINGTON D.C.

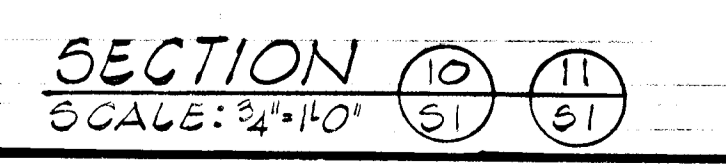
HOWARD COUNTY ADULT ACTIVITY CENTER
SCHEDULES

845



FOUNDATION & FLOOR PLAN
SCALE: 1/8"=1'-0"

- 1) SLAB ON GRADE TO BE 4" THICK W/ 6" x 6" W2.0 x W2.0 W.W.F. U.N.O.
- 2) TOP OF FIN. FL. EL. 86.5, U.N.O.
- 3) ELEVATIONS NOTED THUS ϕ ARE TO TOP OF FOOTINGS.
- 4) ELEVATIONS TO TOP OF FOOTINGS TO BE 84.50, U.N.O.
- 5) SEE ARCHT. DWGS FOR QUARRY TILE LOCATIONS.
- 6) SEE SHEET S3 FOR COL. BASE RE. DETAILS.



| REVISIONS | | |
|-------------|----------------|--|
| FFB 2, 1978 | 95% SUBMISSION | |

DRAWN: FAB/DK DATE: AS NOTED SCALE: AS NOTED
 COOPER-LECKY PARTNERSHIP ARCHITECTS
 3203 GRACE ST. NW, WASHINGTON D.C.

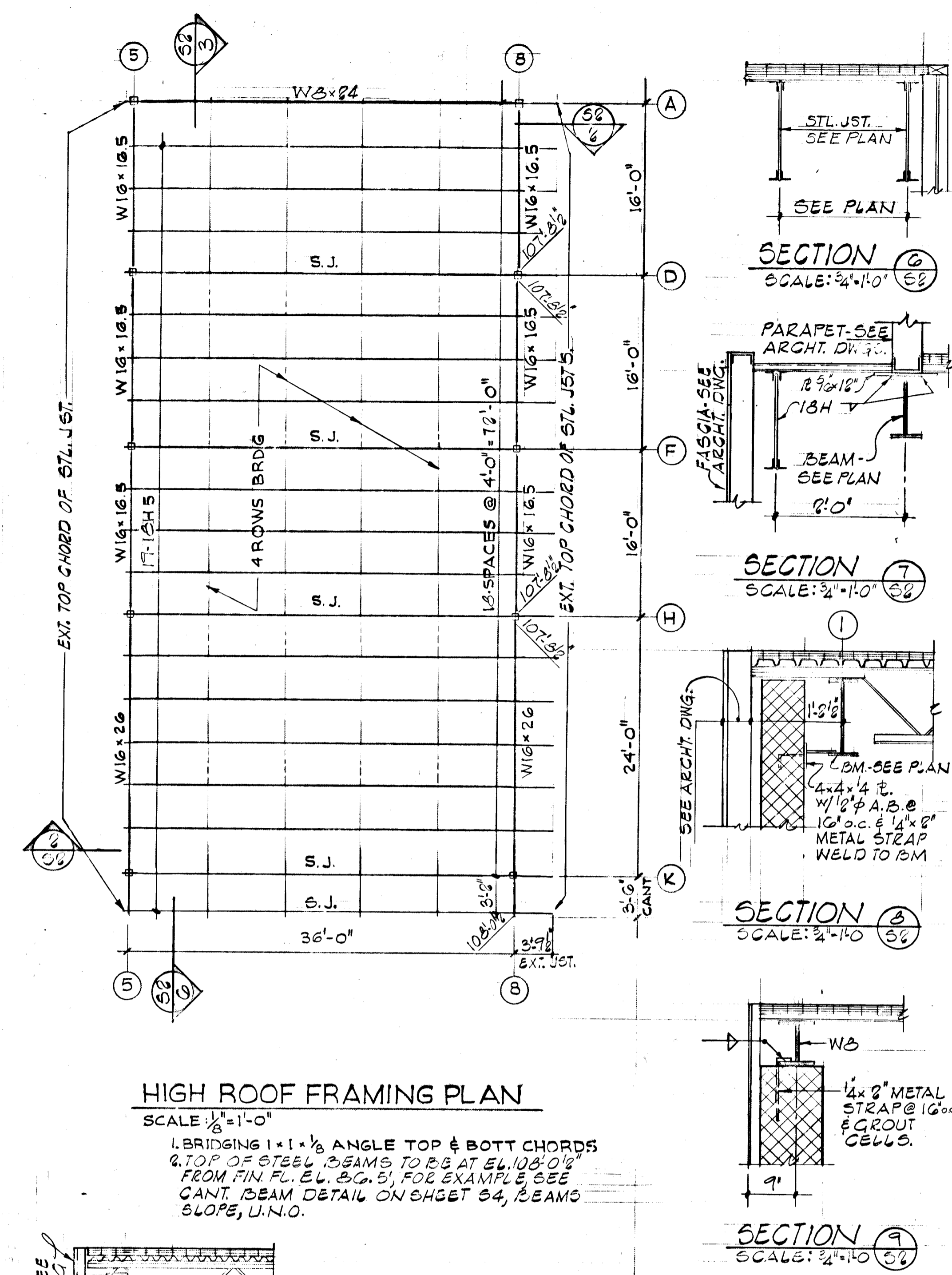
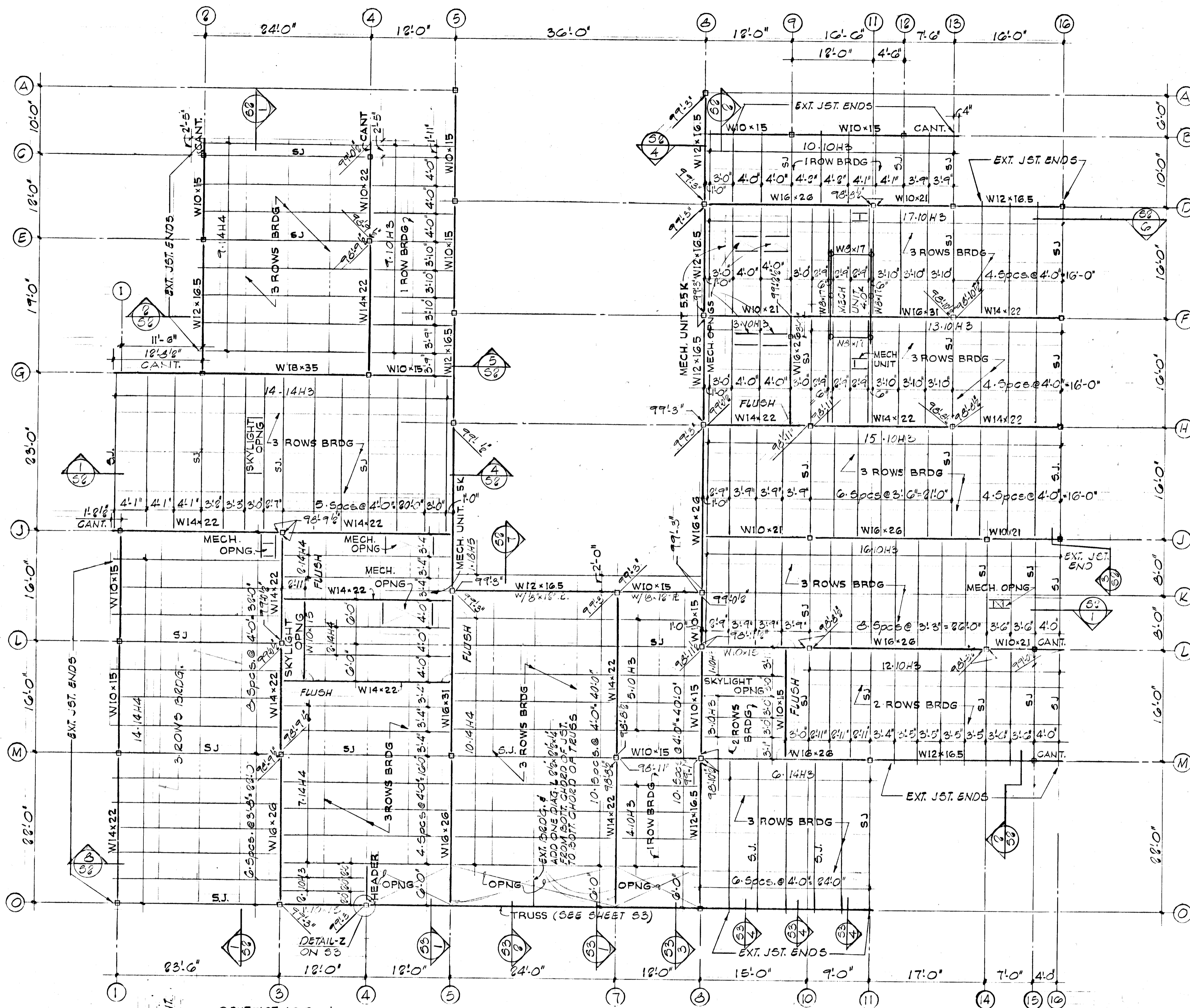
HOWARD COUNTY
 ADULT ACTIVITY CENTER

FOUNDATION & FLOOR PLAN
 & SECTIONS

DRAWING NO. S-1

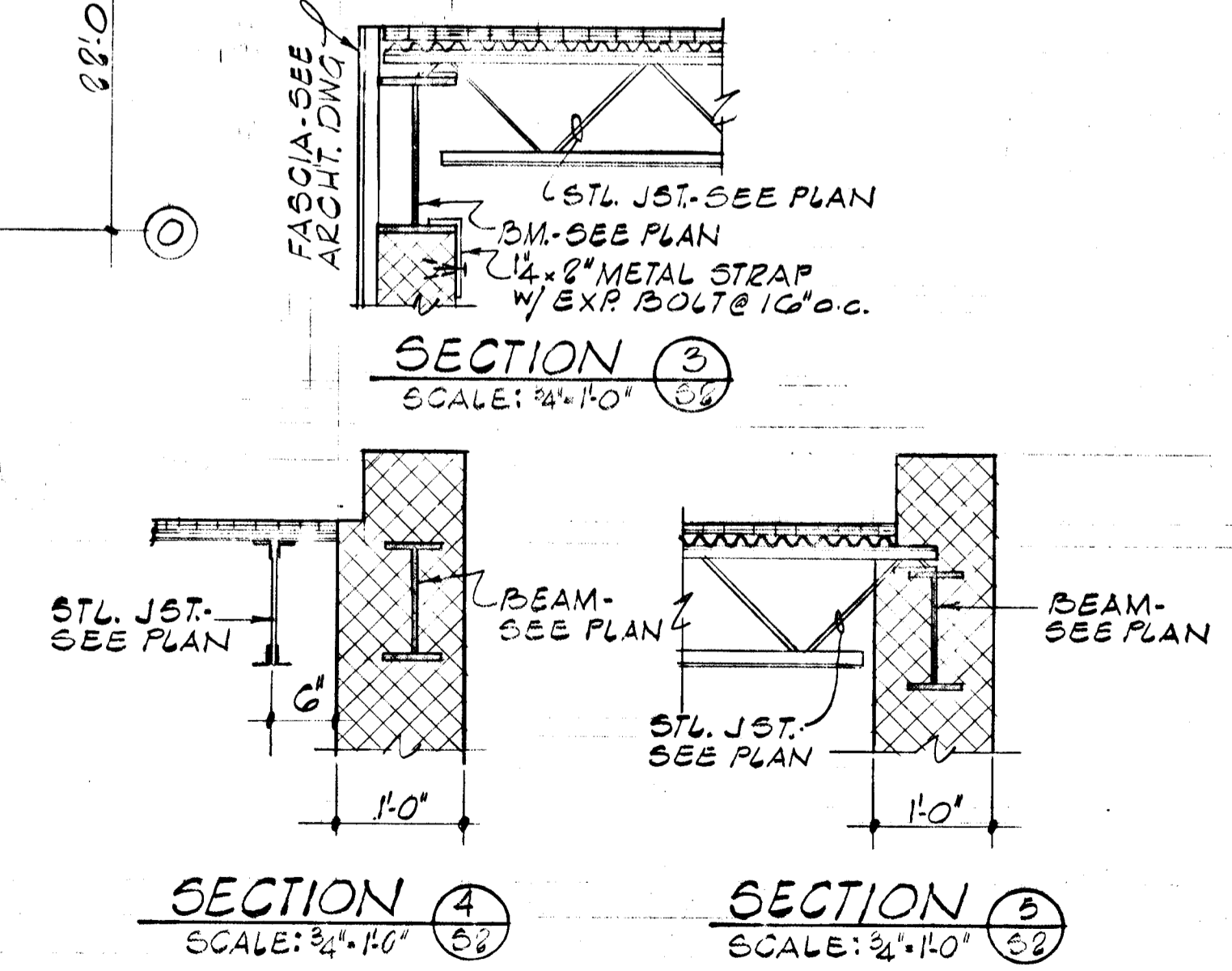
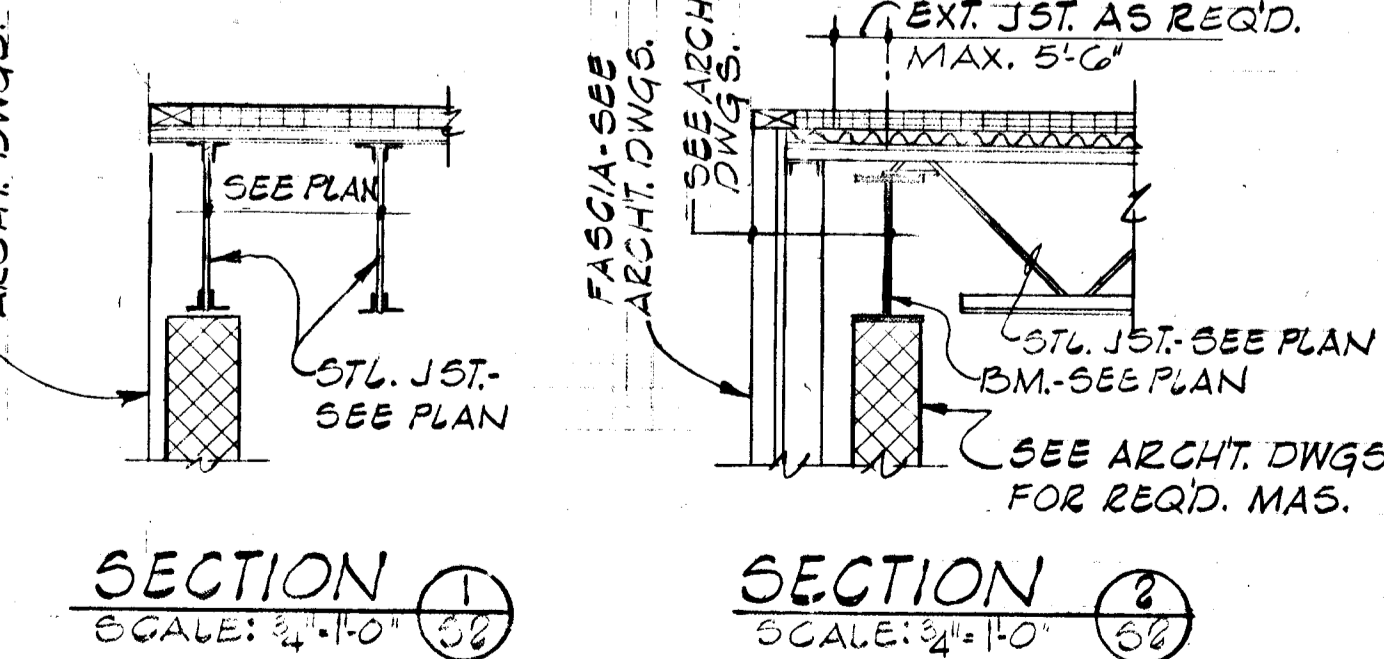
Dewberry, Nealon & Davis
 STRUCTURAL ENGINEERS
 811 ARLINGTON BOULEVARD, FALLS CHURCH, VIRGINIA 22030
 19201 MONTGOMERY VILLAGE AVE. GAITHERSBURG, MARYLAND 20878





LOW ROOF FRAMING PLAN
 SCALE: 1/8"=1'-0"
 1. BRIDGING 1x1x1/2 ANGLE TOP & BOTT CHORDS
 2. ELEVATIONS NOTED TO JS 3/4 ARE TOP OF STEEL BEAMS.
 3. TOP OF STEEL BEAMS TO BE AT EL. 97'-0" FROM FIN. FL. EL. B.C. 5, FOR EXAMPLE SEE CANT. BEAM DETAIL ON SHEET 54, BEAMS SLOPE, U.N.O.
 4. FLUSH DENOTES TOP OF BEAM FLANGES TO BE AT SAME EL. WHEN BEAMS ARE PERPENDICULAR.

HIGH ROOF FRAMING PLAN
 SCALE: 1/8"=1'-0"
 1. BRIDGING 1x1x1/2 ANGLE TOP & BOTT CHORDS
 2. TOP OF STEEL BEAMS TO BE AT EL. 108'-0" FROM FIN. FL. EL. B.C. 5, FOR EXAMPLE SEE CANT. BEAM DETAIL ON SHEET 54, BEAMS SLOPE, U.N.O.



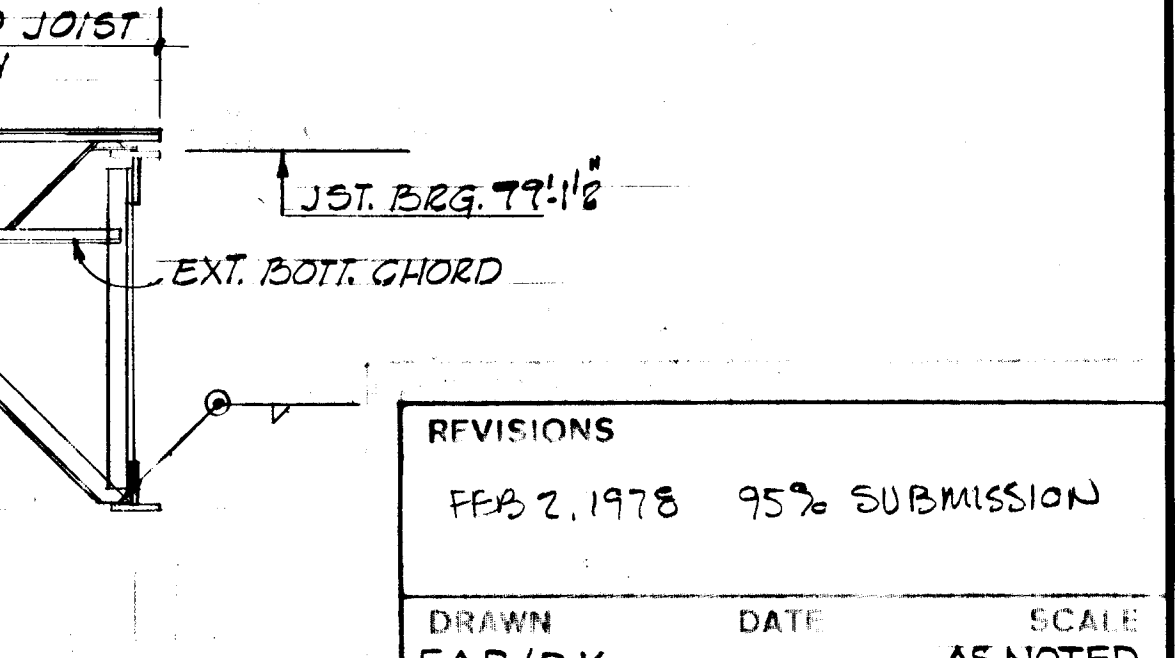
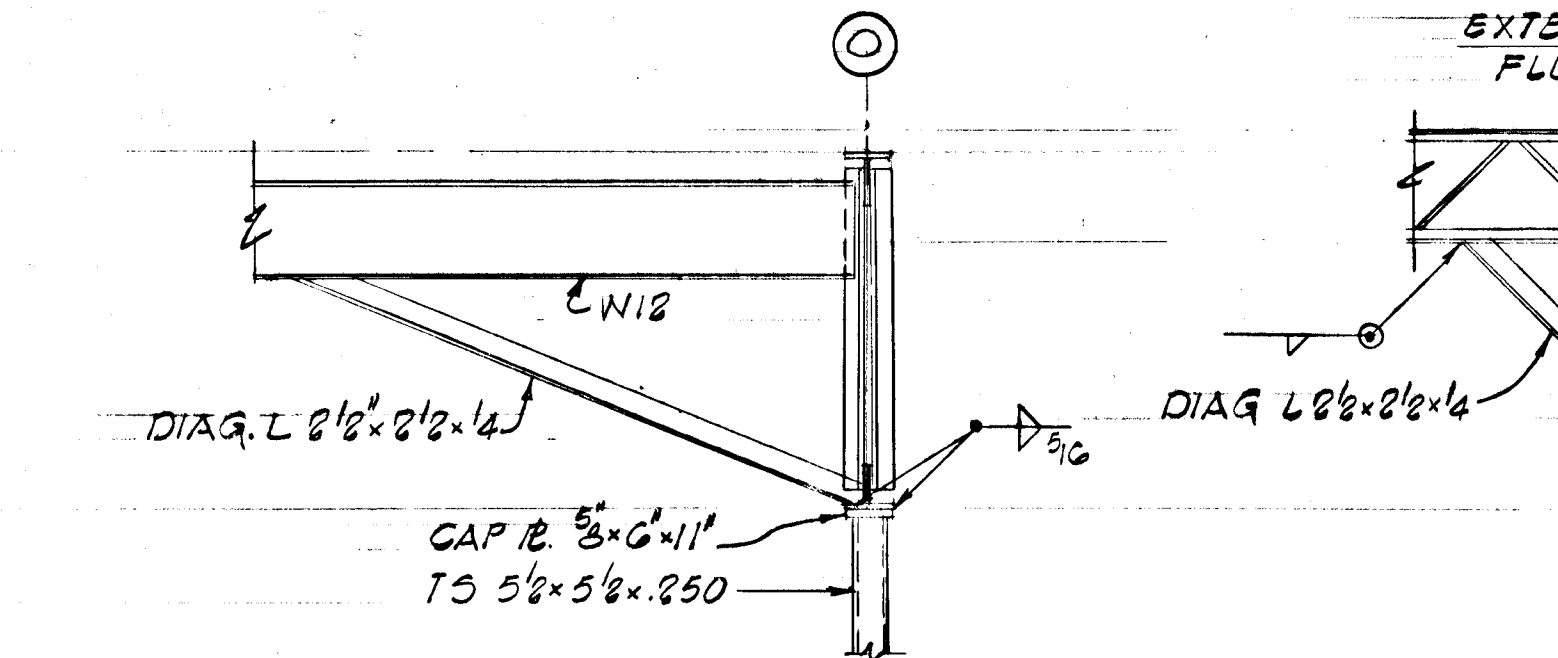
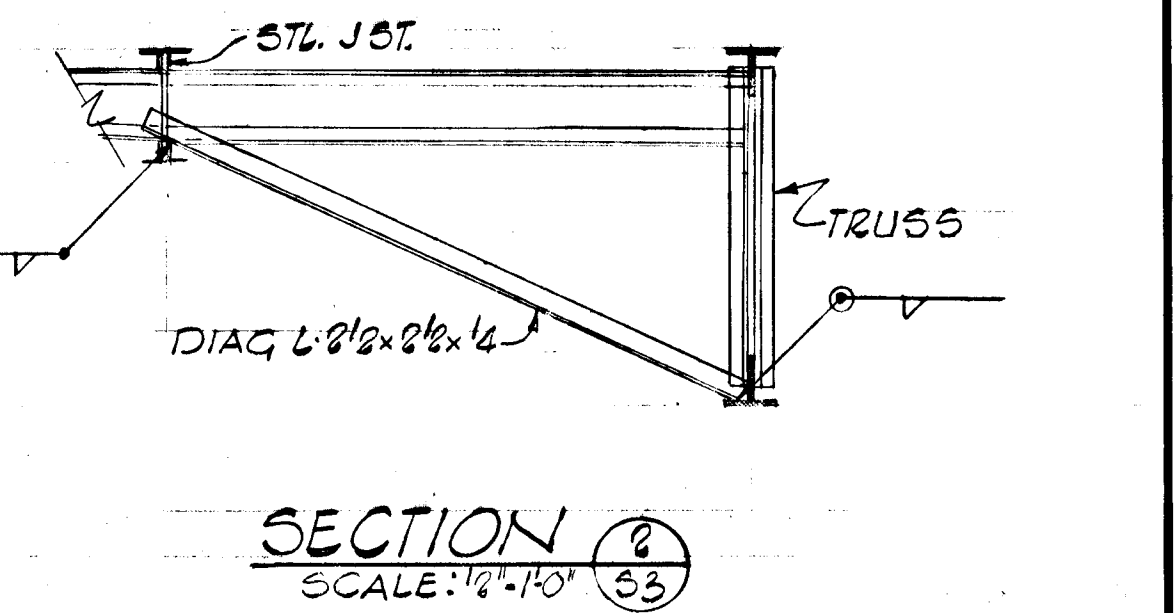
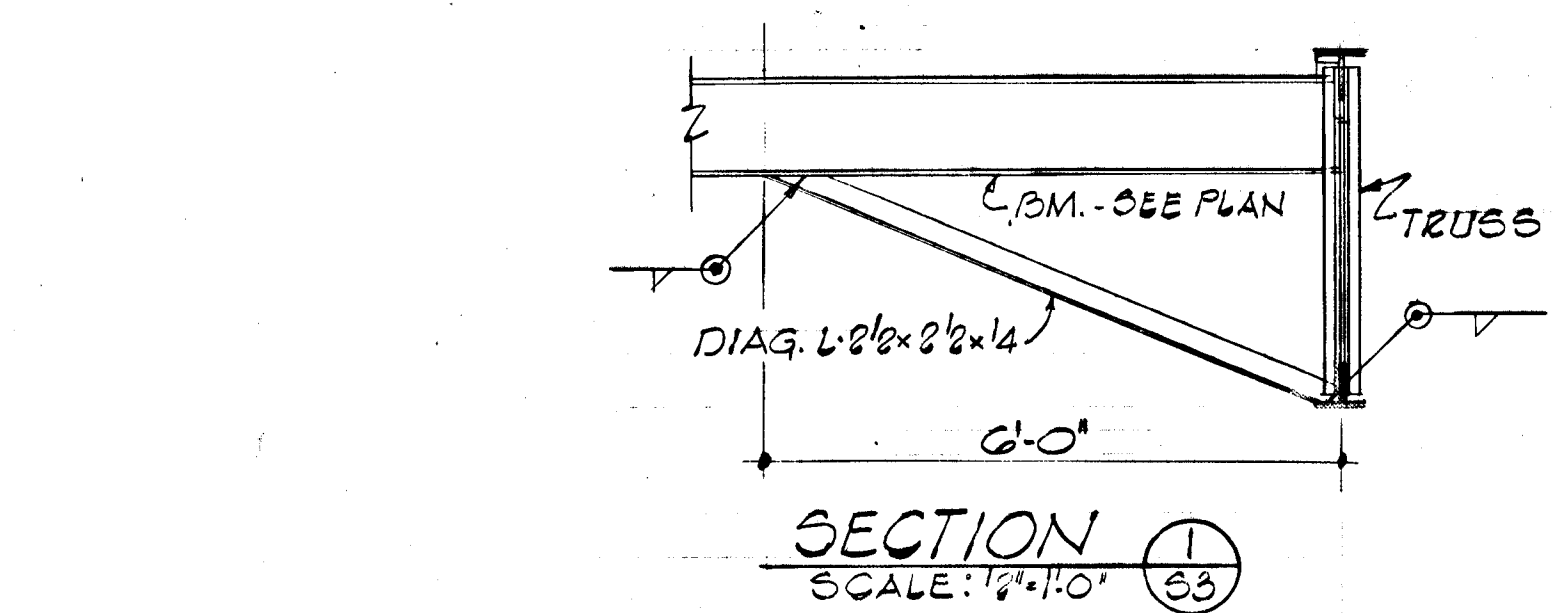
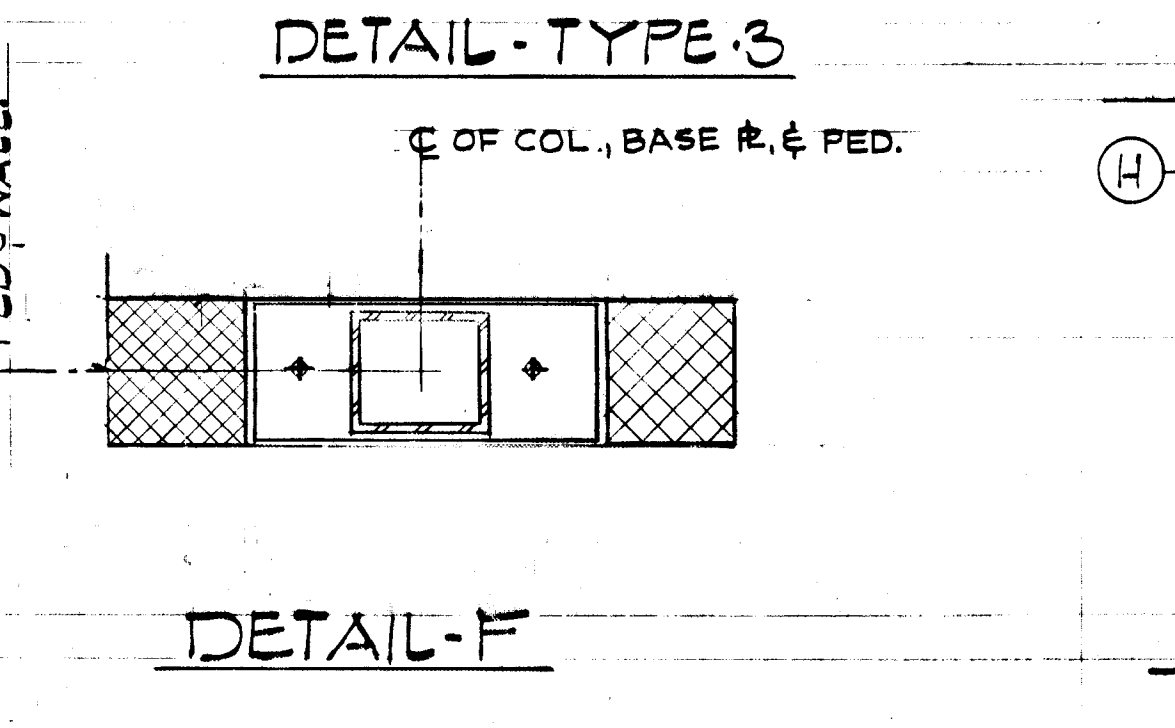
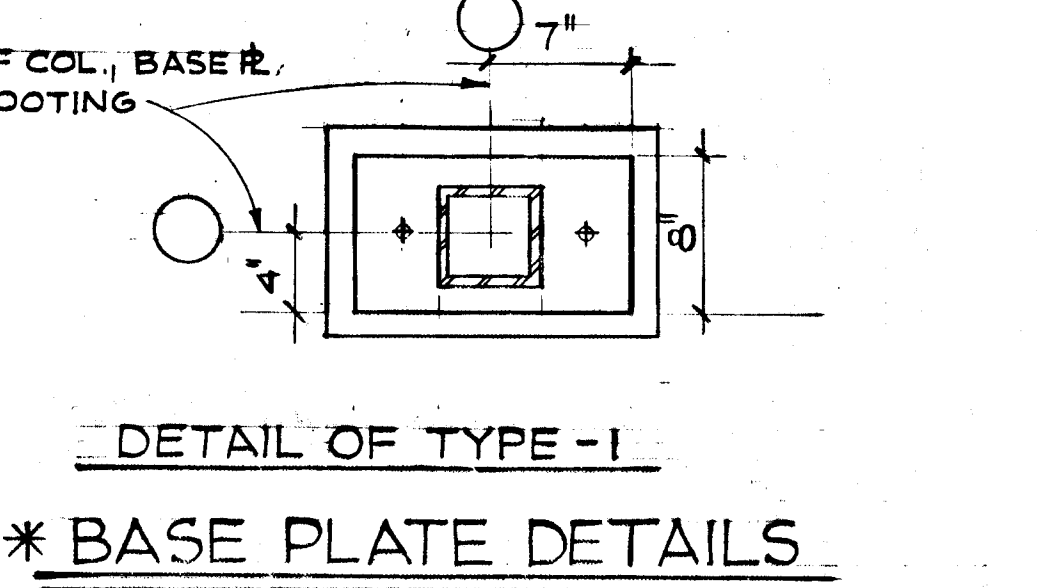
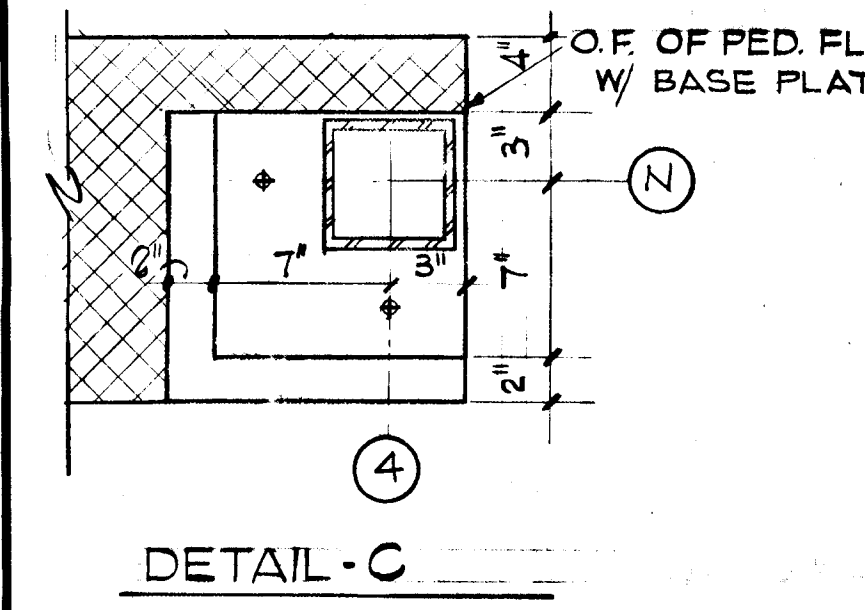
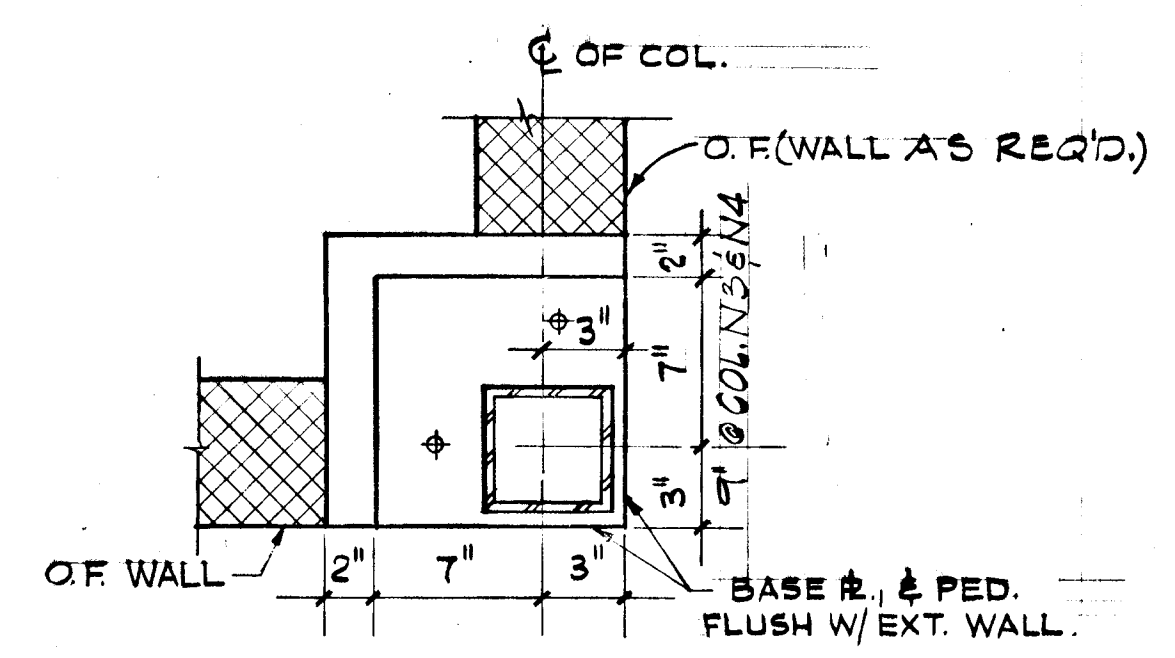
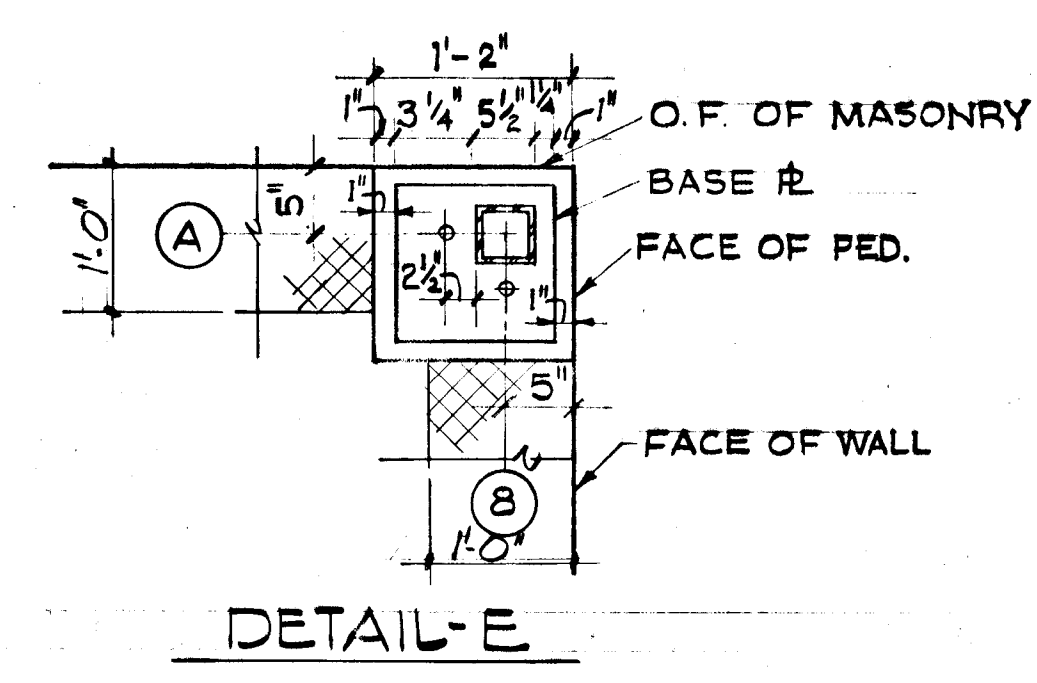
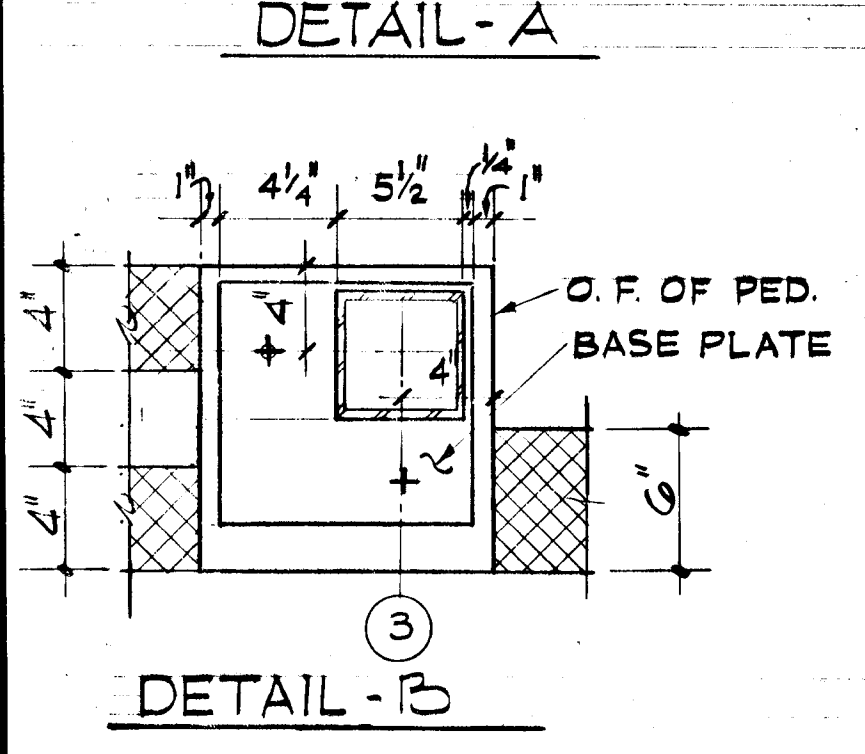
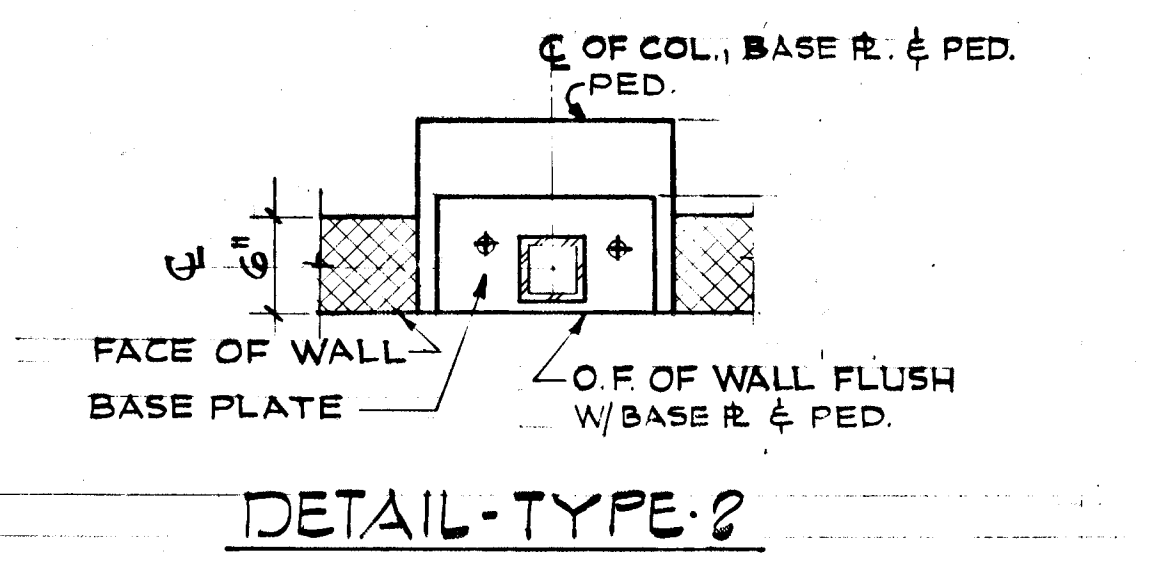
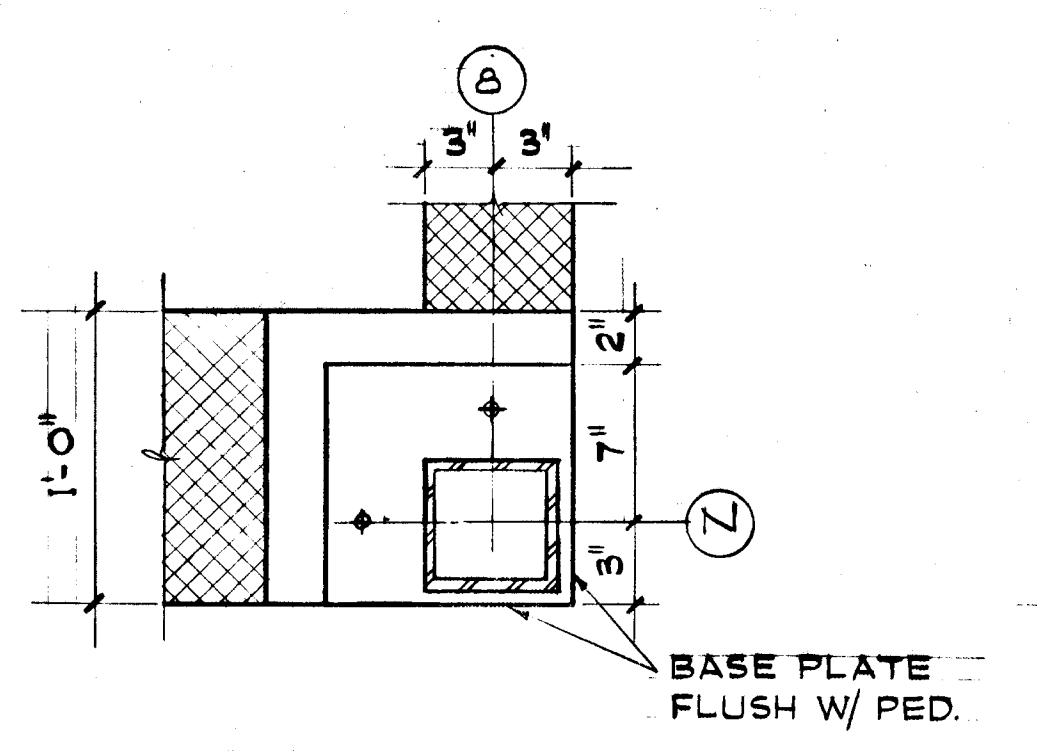
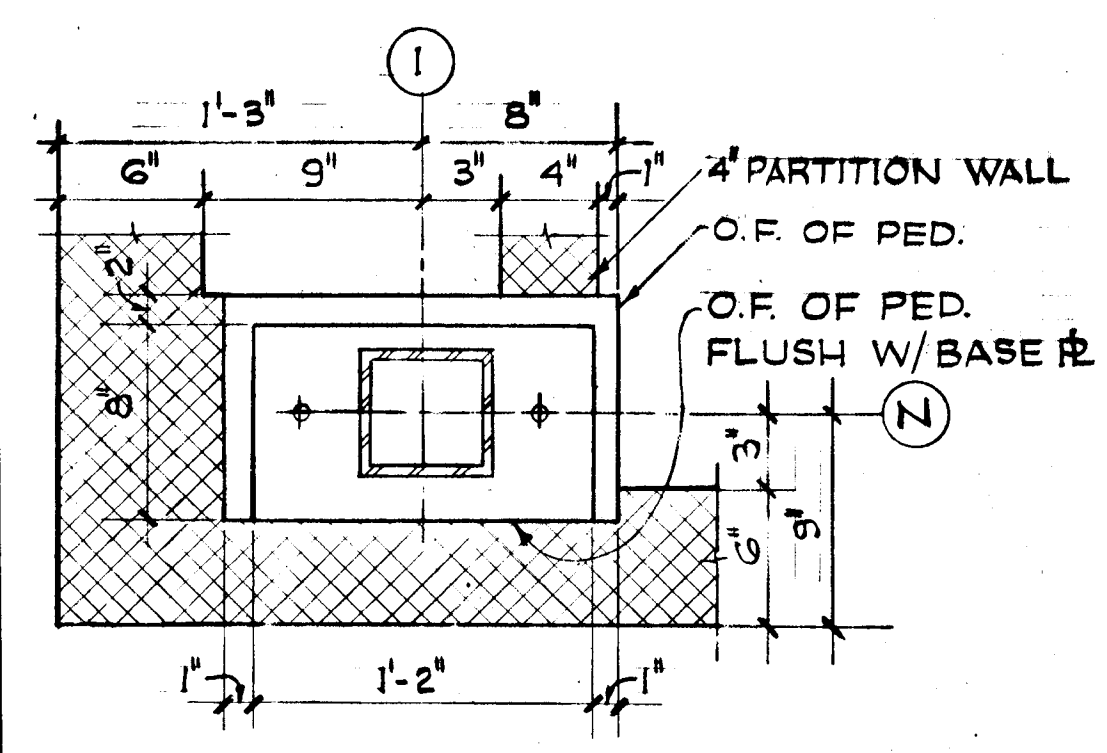
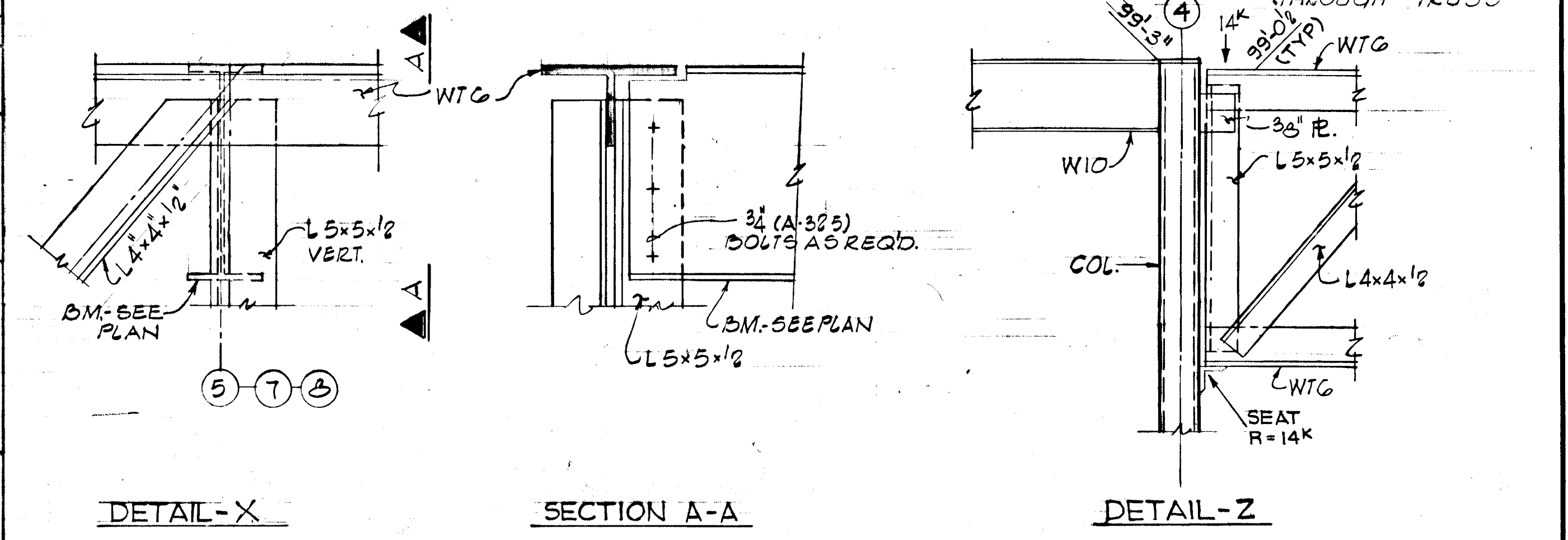
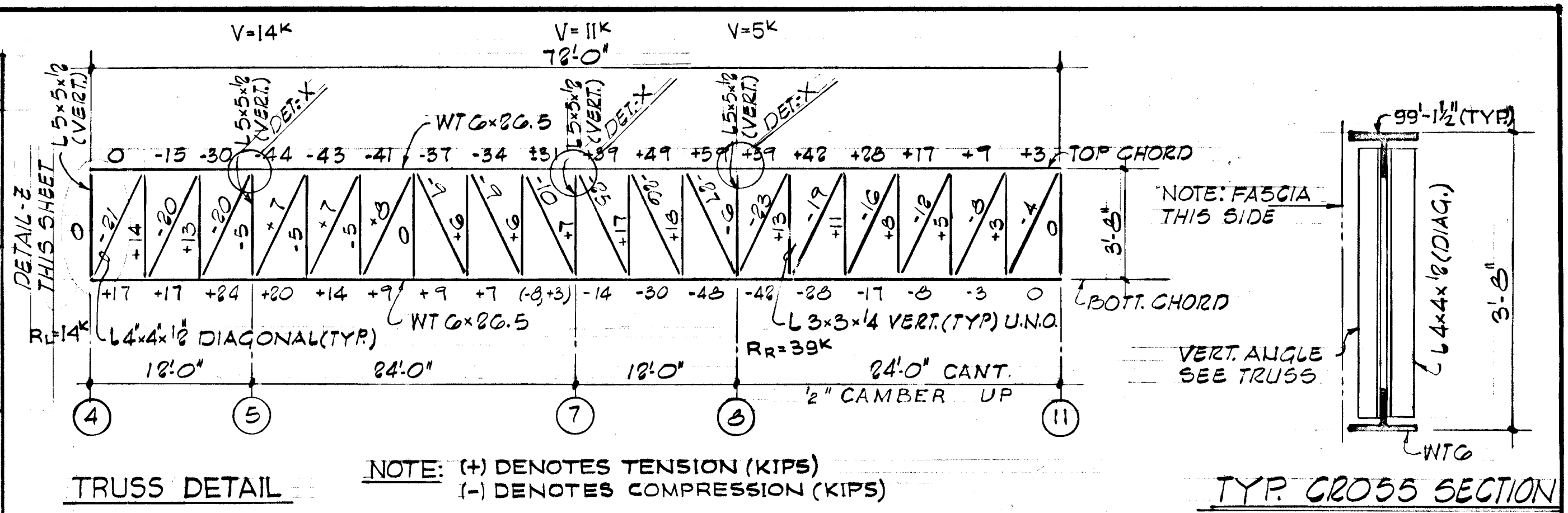
| REVISIONS | | |
|---|----------------|----------|
| FEB 7, 1978 | 95% SUBMISSION | |
| DRAWN | DATE | SCALE |
| DK/FAB | | A5 NOTED |
| COOPER • LECKY PARTNERSHIP ARCHITECTS 3203 GRACE ST. N.W. WASHINGTON D.C. | | |
| HOWARD COUNTY ADULT ACTIVITY CENTER | | |
| LOW & HIGH ROOF FRAMING PLAN & SECTIONS | | |
| DRAWING NO. | | |
| S-2 | | |

Dewberry, Nealon & Davis
 STRUCTURAL ENGINEERS
 8411 ARLINGTON BOULEVARD 1416 FAX, VIRGINIA 22906
 19201 MONTGOMERY VILLAGE AVE. GAITHERSBURG, MARYLAND 20878

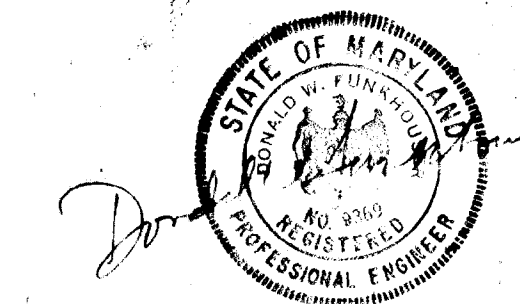


| COLUMN SCHEDULE: | | | | | | | | | | | | | | | | | |
|---------------------|------------------|-----------------|--------------------|-------------------------|-----------------|-----------------|---|-----------------|-----------------|---------------------------|------------------|---------------------|-----------------|-----------------|-----------------|------------------|-----------------|
| MARKS: | A-5, A-8 | D-8, F-5, F-8 | H-5, H-8, K-5, K-8 | J-3, M-3, M-5, M-7, F-9 | K-7 | J-14, L-3 | D-11, F-13, H-10, H-13, J-10, L-10, L-14, E-4, G-4, L-8 | M-11, G-2, M-8 | N-1, J-1 | B-9, C-4, E-2, D-13, L-15 | F-16, N-3, N-4 | C-2, B-12, DIG, M15 | N-8 | J16 | L-1, M-1 | D-5 | H-10 |
| HIGH ROOF | | | | | | | | | | | | | | | | | |
| LOW ROOF | | | | | | | | | | | | | | | | | |
| 1ST FL. EL. 86.5' | 12 ^k | 29 ^k | | 28 ^k | | 21 ^k | 19 ^k | 22 ^k | 17 ^k | 10 ^k | 15 ^k | 9 ^k | 43 ^k | 12 ^k | 12 ^k | 29 ^k | 10 ^k |
| 1ST FL. EL. 85.5' | | | 144 ^k | | 15 ^k | | | | | | | | | | | | |
| BASE PL. SIZE | 3/4" x 10" x 10" | 3/4" x 14" x 8" | 1" x 14" x 8" | 3/4" x 14" x 8" | 3/4" x 14" x 8" | 3/4" x 14" x 8" | 3/4" x 14" x 8" | 3/4" x 14" x 8" | 3/4" x 14" x 8" | 3/4" x 14" x 8" | 3/4" x 10" x 10" | 1" x 10" x 10" | 3/4" x 6" x 14" | 3/4" x 6" x 14" | 3/4" x 6" x 14" | 3/4" x 10" x 10" | |
| EL @ BOTT. | 86'-5 1/4" | 85'-11" | 84'-7" | 85'-5 1/4" | 84'-7 1/4" | 85'-11" | 85'-11" | 86'-5 1/4" | 86'-5 1/4" | 86'-5 1/4" | 86'-5 1/4" | 86'-5" | 86'-5 1/4" | 86'-5 1/4" | 84'-7" | 86'-5 1/4" | |
| BASE PL. TYPE | DETAIL-E | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 1 | 2 | 3 | 3 | DETAIL-D | DETAIL-F | DETAIL-F | 1 | DETAIL-H |
| PEDESTAL SIZE | 14" x 14" | | | | | | | 12" x 16" | 10" x 16" | 12" x 16" | 12" x 12" | 12" x 12" | 12" x 12" | 8" x 15" | 6" x 15" | | 10" x 18" |
| PEDESTAL REINF. | 4#5 | | | | | | | 4#5 | 4#5 | 4#5 | 4#5 | 4#5 | 4#5 | 4#5 | 4#5 | | 4#5 |
| PEDESTAL TIES | #3 @ 12" | | | | | | | #3 @ 12" | #3 @ 12" | #3 @ 12" | #3 @ 12" | #3 @ 12" | #3 @ 12" | #3 @ 12" | #3 @ 12" | | #3 @ 12" |
| FOOTING SIZE | 2'-6" x 2'-6" | 3'-6" x 3'-6" | 4'-0" x 4'-0" | 3'-6" x 3'-6" | 2'-6" x 2'-6" | 3'-0" x 3'-0" | 2'-6" x 2'-6" | 3'-0" x 3'-0" | 2'-6" x 2'-6" | 2'-0" x 2'-0" | 2'-6" x 2'-6" | 2'-0" x 2'-0" | 4'-0" x 4'-0" | 2'-6" x 2'-6" | 3'-6" x 3'-6" | 2'-0" x 2'-0" | |
| FOOTING DEPTH | 12" | 12" | 12" | 12" | 12" | 12" | 12" | 12" | 12" | 12" | 12" | 12" | 12" | 12" | 12" | 12" | 12" |
| FOOTING REINF. E.W. | #4 @ 12" | #4 @ 12" | #5 @ 12" | #4 @ 12" | #4 @ 12" | #4 @ 12" | #4 @ 12" | #4 @ 12" | #4 @ 12" | #4 @ 12" | #4 @ 12" | #4 @ 12" | #5 @ 12" | #4 @ 12" | #4 @ 12" | #4 @ 12" | #4 @ 12" |

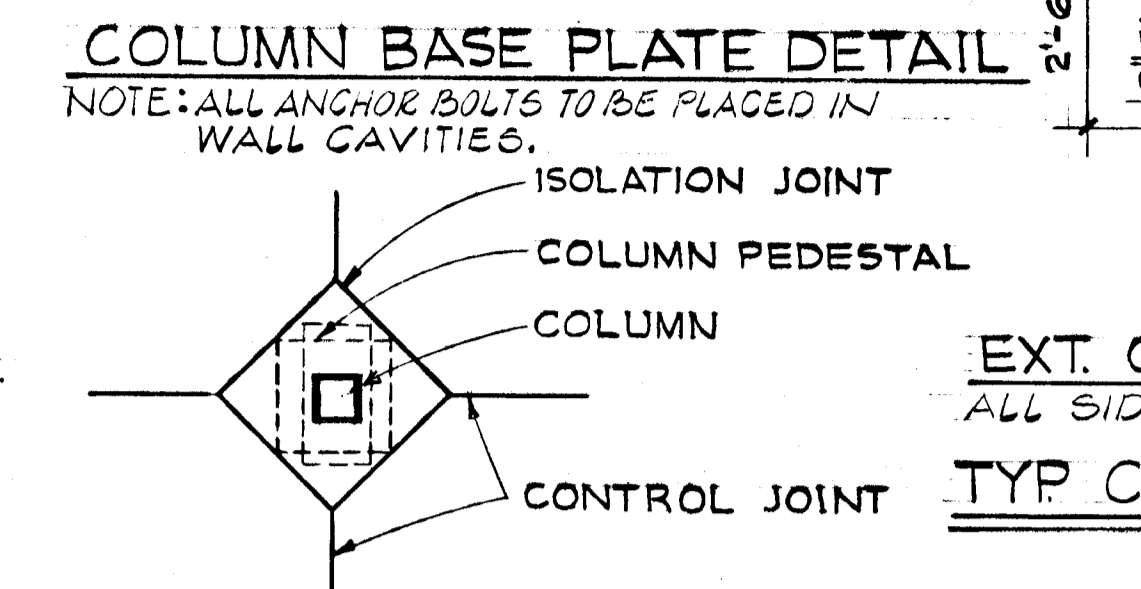
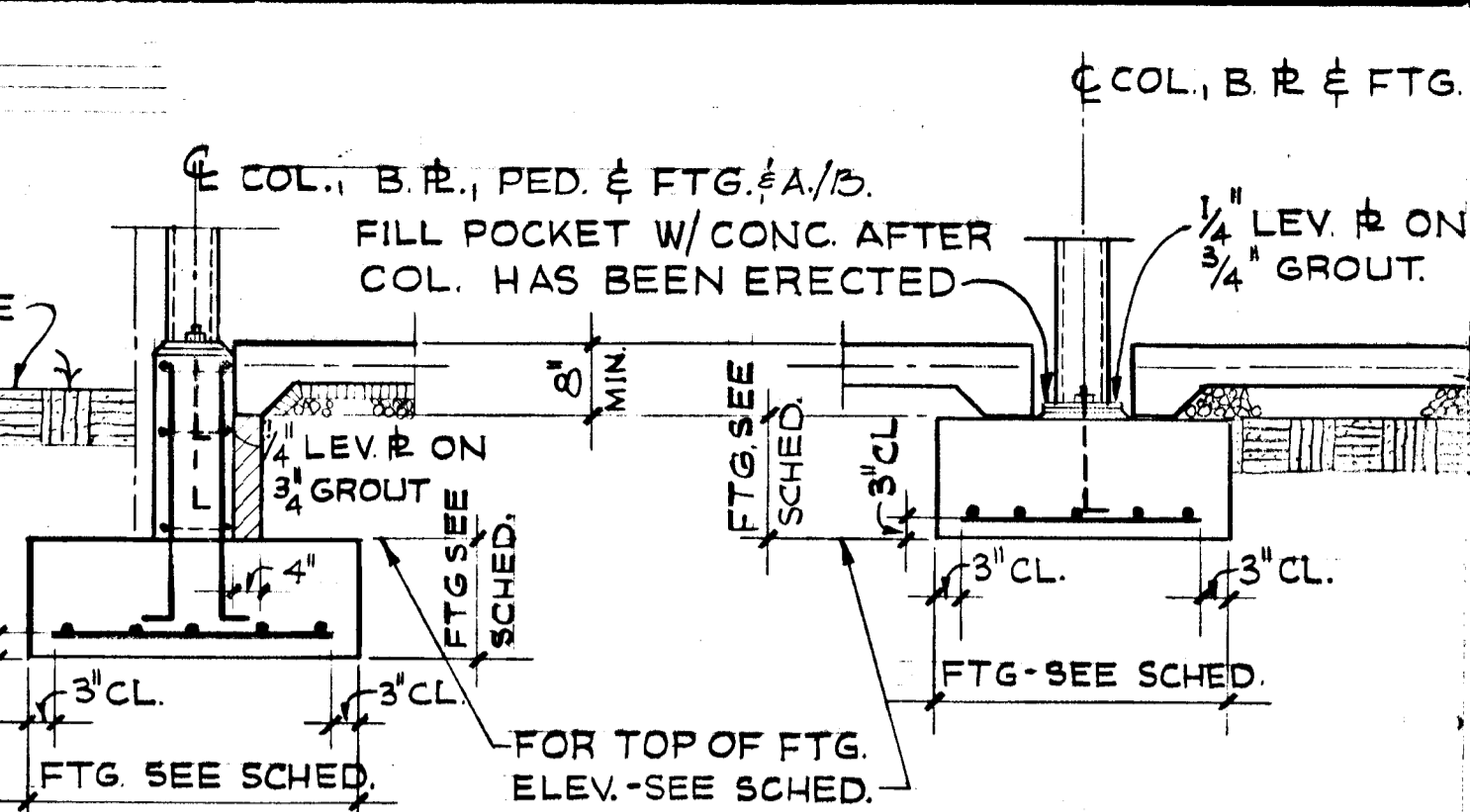
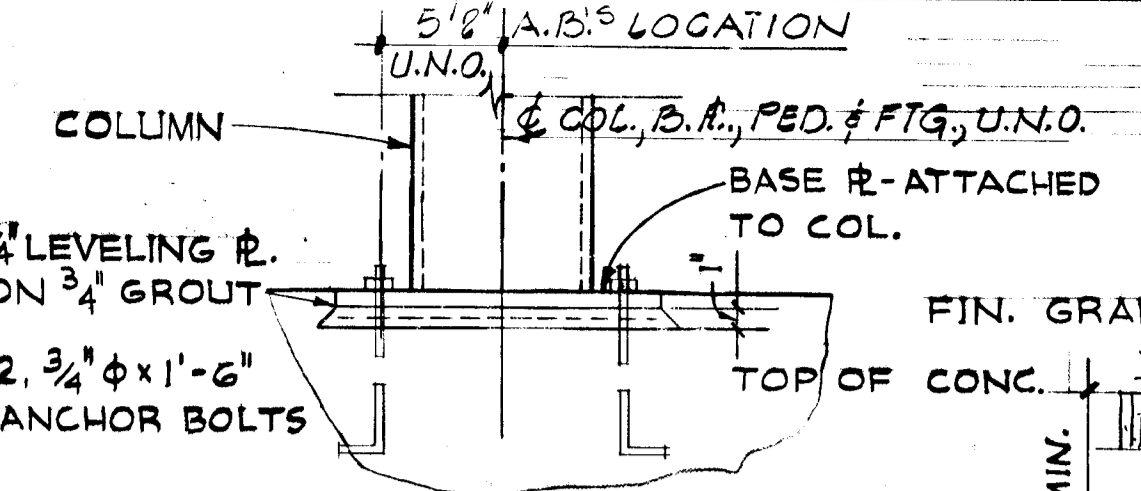
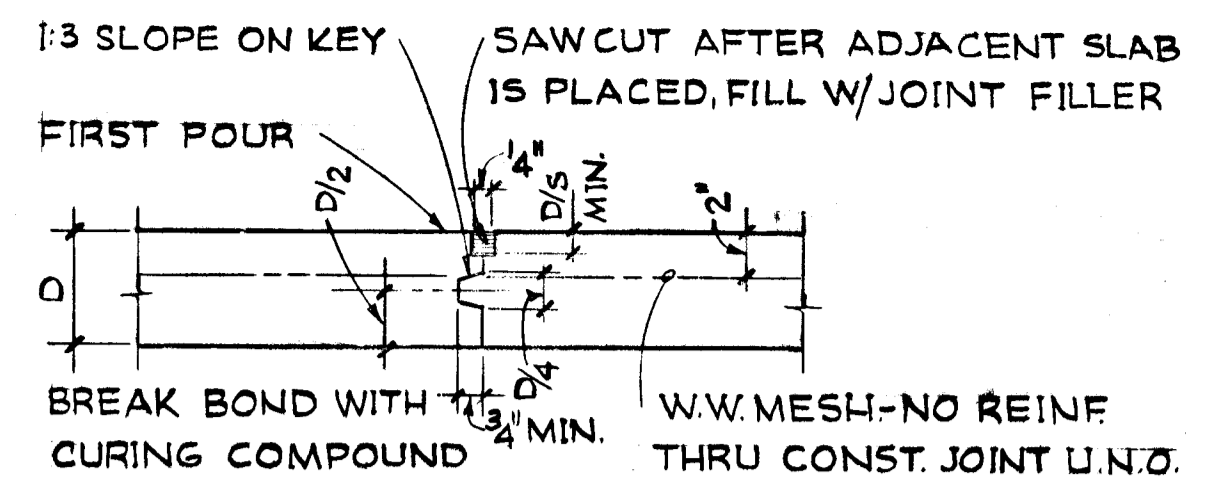
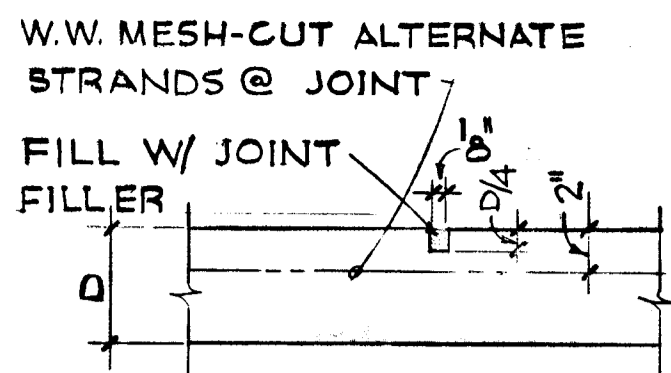
NOTE: 1) ALL COLUMNS TO BE TS 5 1/2" x 5 1/2" x .25 & CENTERED ON FOOTING. U.N.O.
 2) BASE "TYPE" 1 THRU 4 UNLESS DETAILED OTHERWISE



| | | |
|---|----------------|----------|
| REVISIONS | | |
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| DRAWN | DATE | SCALE |
| FAB/D.K. | | AS NOTED |
| COOPER-LECKY PARTNERSHIP ARCHITECTS 3203 GRACE ST. NW, WASHINGTON D.C. | | |
| HOWARD COUNTY ADULT ACTIVITY CENTER | | |
| COLUMN SCHEDULE, TRUSS DETAIL & BASE PLATE DETAILS | | |
| DRAWING NO. | | |
| S-3 | | |



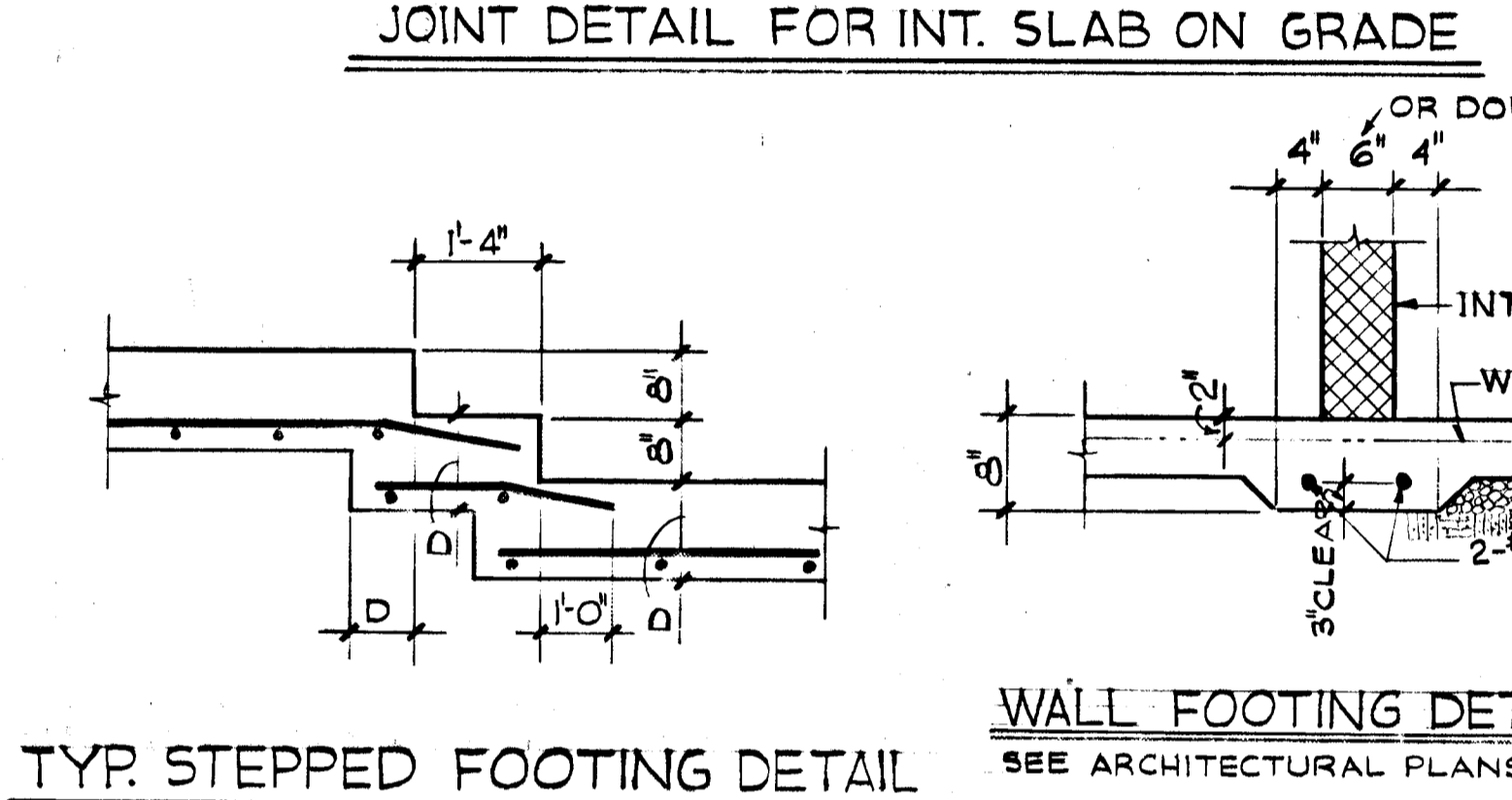
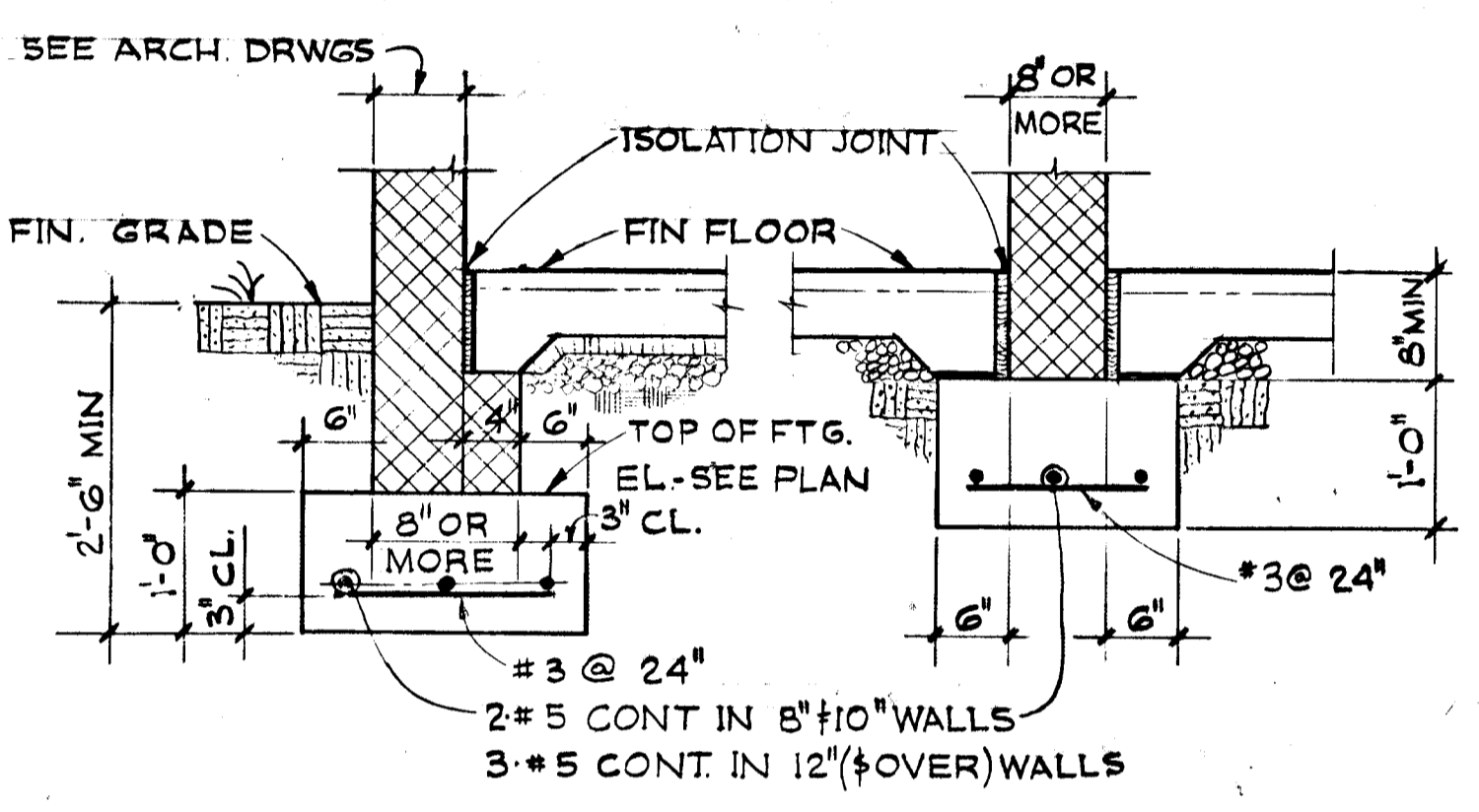
(N)
 Dewberry, Nealon & Davis
 STRUCTURAL ENGINEERS
 8411 ARLINGTON BOULEVARD, FAIRFAX, VIRGINIA 22031
 18201 MONTGOMERY VILLAGE AVE. GAITHERSBURG, MARYLAND 20878



CONTROL JOINT.
 PROVIDE CONTROL JTS. ON COL. C'S, AT PARTITIONS, BUT NOT TO EXCEED 25'-0" SPACING IN EACH DIRECTION, CONT. JT. TO BE FORMED WHILE CONC. IS STILL PLASTIC OR SAW CUT WITHIN 8 HRS. AFTER PLACEMENT OF CONC. PREMOLDED STRIPS MAY BE USED IN FORMED JOINT.

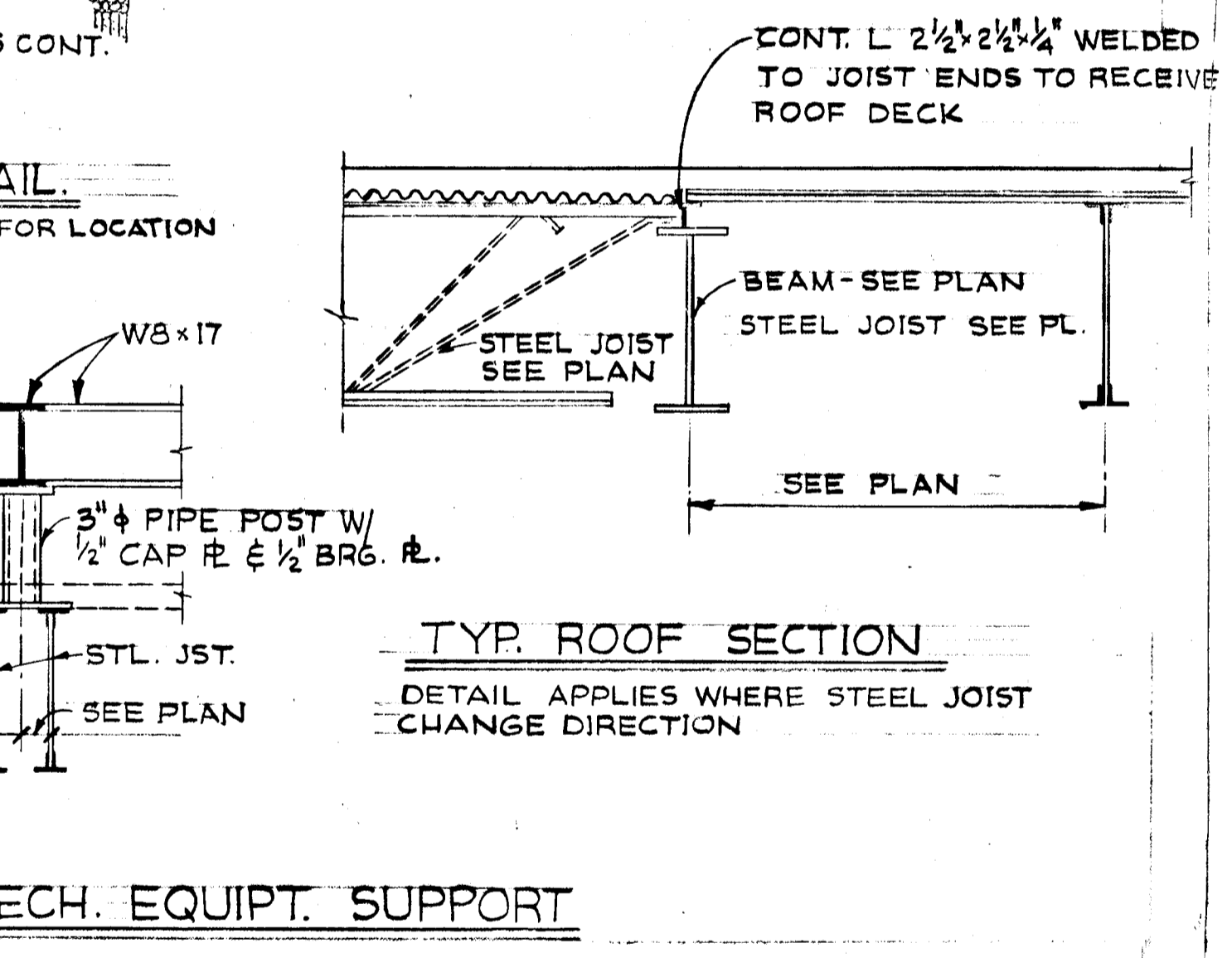
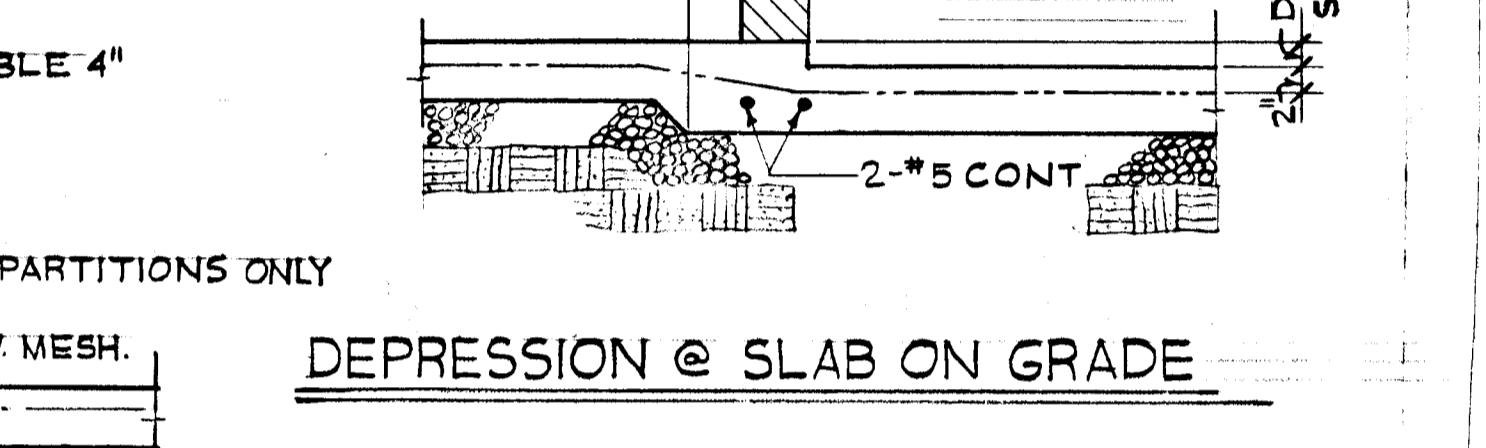
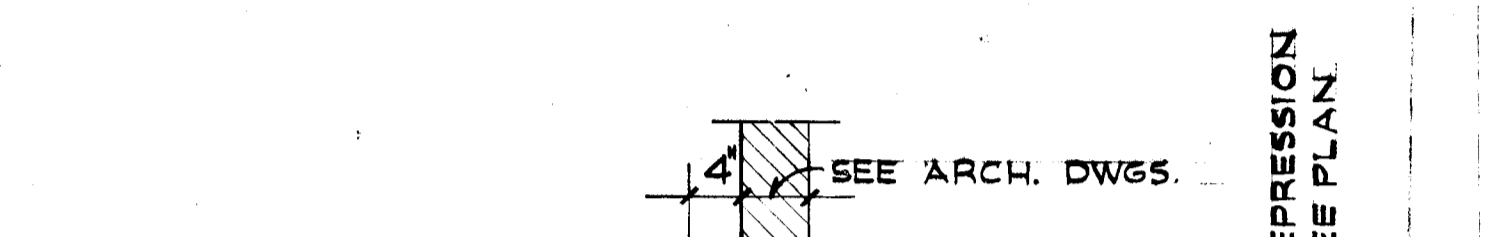
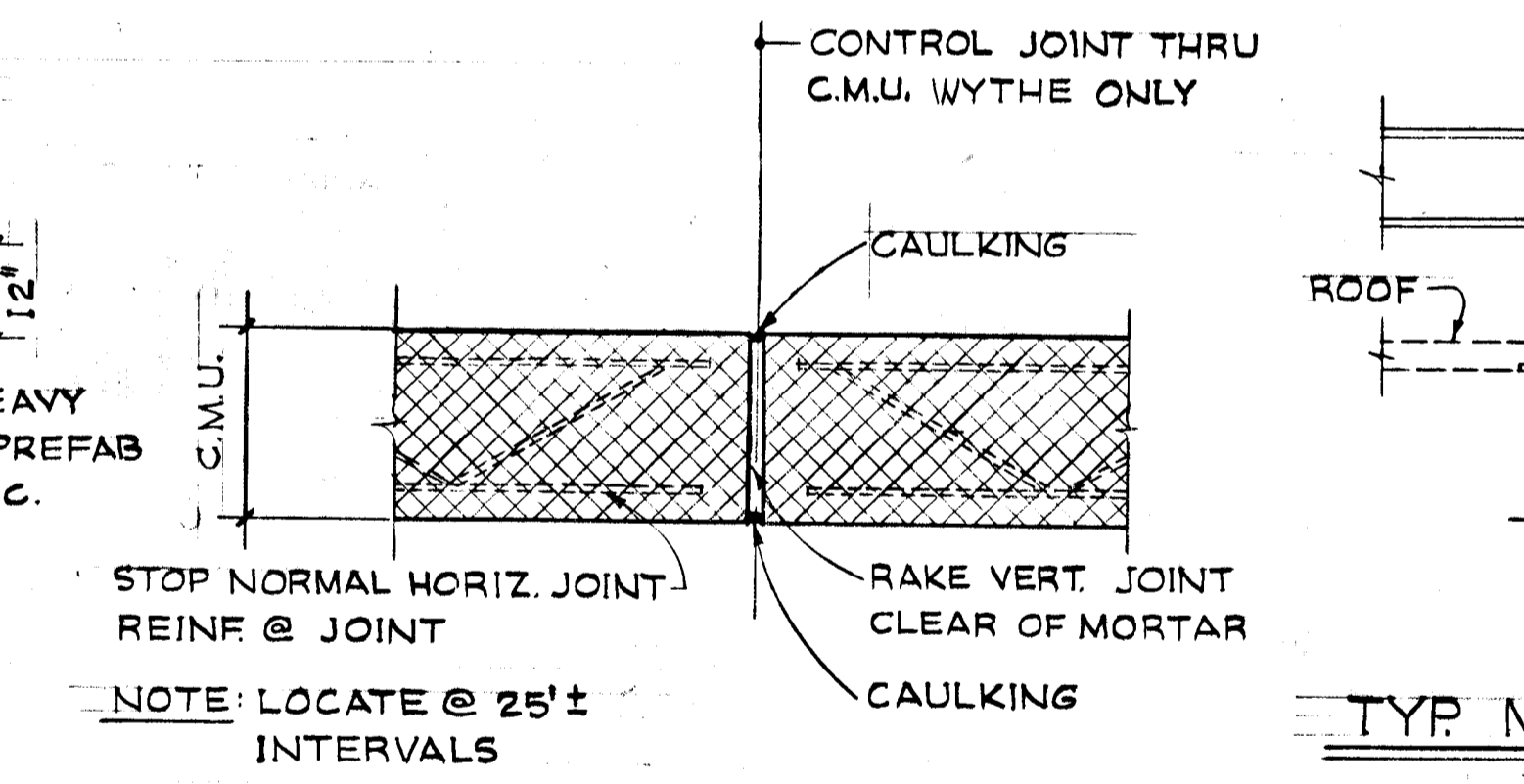
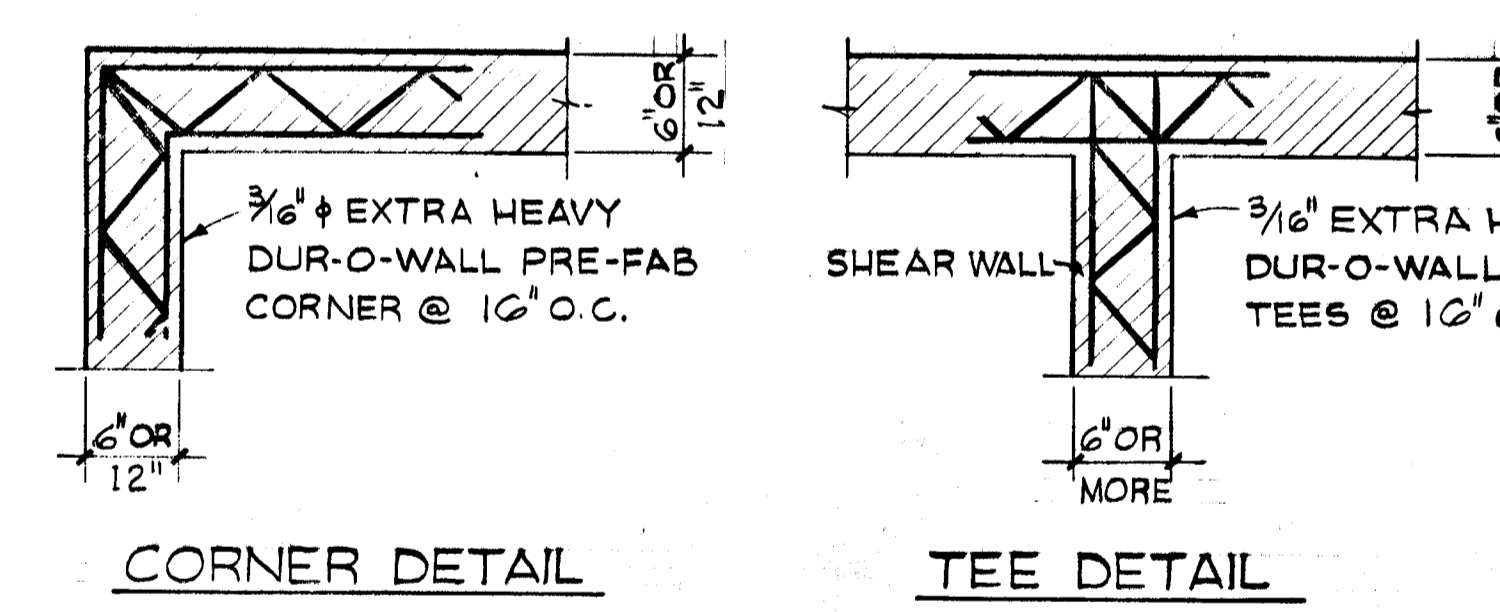
CONSTRUCTION JOINT.
 CONSTRUCTION JOINTS TO BE ARRANGED TO LIMIT THE AREA OF ANY PLACEMENT TO 5,000 SQ. FT. SUCCESSIVE SLAB PLACEMENTS TO BE IN CHECKERBOARD PATTERN. ALLOW MIN. OF TWO DAYS TIME BETWEEN PLACEMENT OF ALTERNATE SECTIONS. CONSTRUCTION JOINT MAY REPLACE CONTROL JOINT.

JOINT DETAIL FOR INTERIOR SLABS ON GRADE.
 FOR SIDEWALKS AND EXTERIOR SLABS ON GRADE, JOINTS ARE SIMILAR, PROVIDE CONTROL JOINTS @ 5'-0" O.C. MAX. EACH WAY. PROVIDE EXPANSION JOINTS AT 20'-0" O.C. MAX. EACH WAY, SEE ARCHT. DWGS. FOR LOCATION.

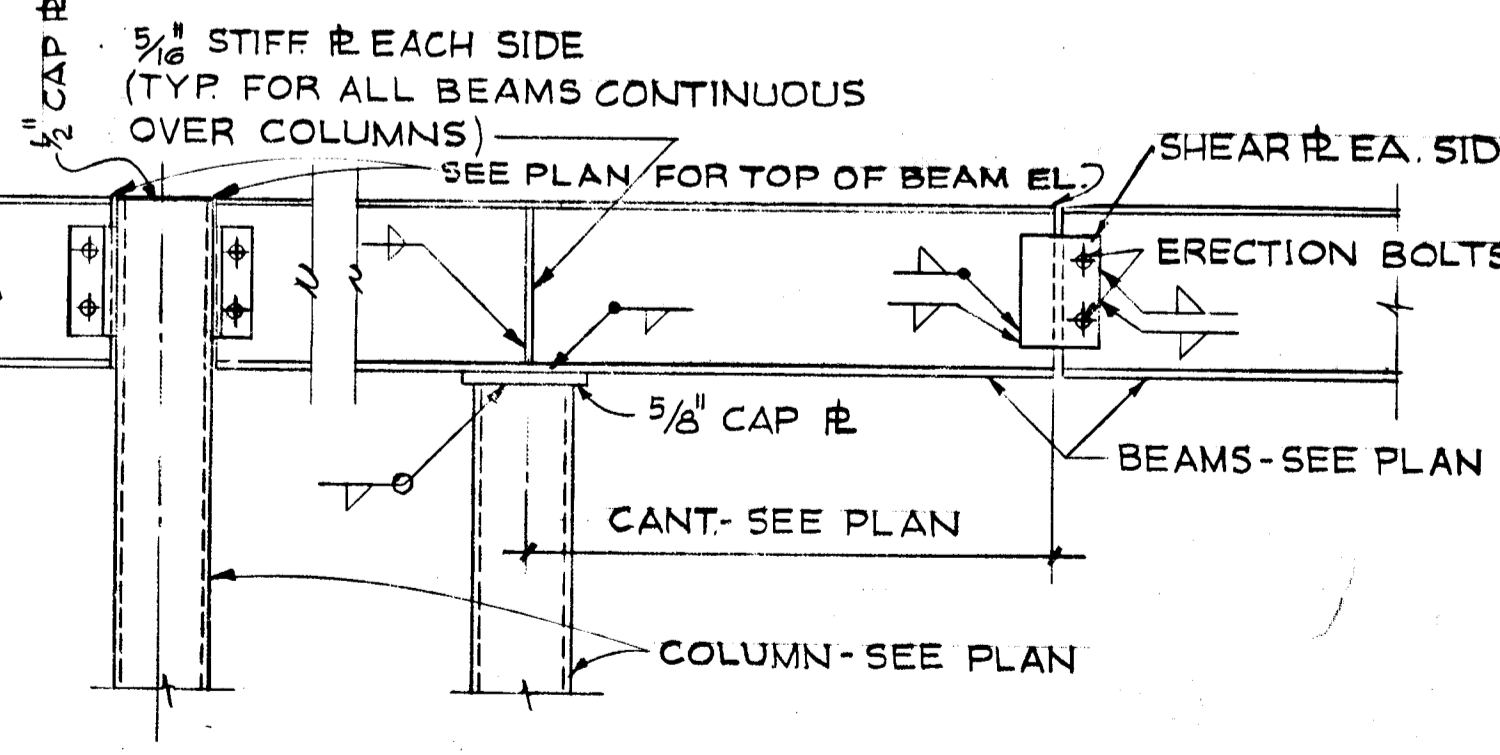


EXT. COLUMN W/ PEDESTAL. INT. COLUMN-NO PEDESTAL. TYP. COLUMN BASE, PEDESTAL & FOOTING DETAIL.

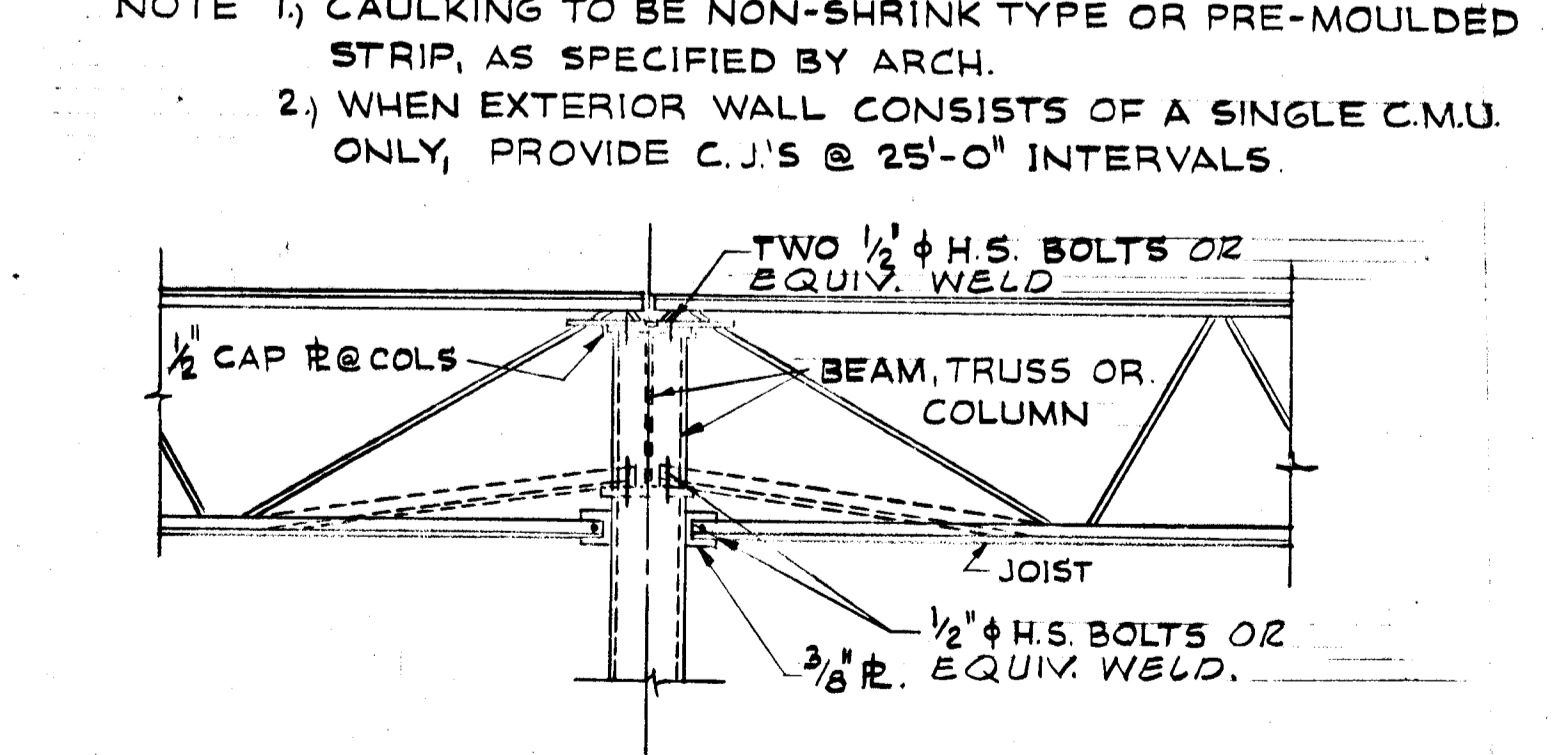
EXTERIOR MASONRY. INTERIOR MASONRY. TYPICAL WALL FOOTING DETAILS.



TYPICAL MASONRY WALL REINFORCING DETAILS.



CONTROL JOINT DET. @ EXT. MAS. WALL.

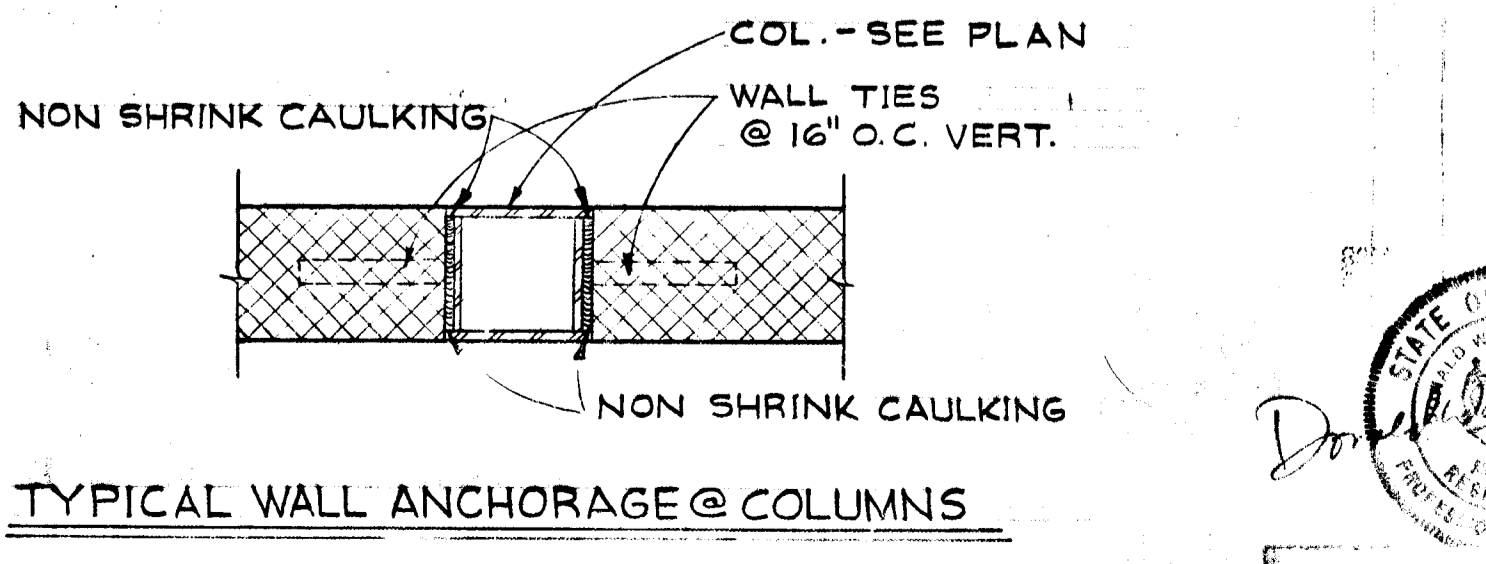


MECHANICAL OPENINGS: Framed with Angles 3x3x5/16 - See Mechanical Drawings for Locations.

NOTE TO GENERAL CONTRACTOR: Imposed construction loads to excess of stated design loads must be approved by the Structural Engineer prior to the imposition of such loads.

MISCELLANEOUS: Work all structural drawings in conjunction with architectural, electrical and mechanical drawings. No structural member shall be cut without prior approval of Structural Engineer.

ABBREVIATIONS: E.W. - Each Way; T.O.S. - Top of Steel; T.O.C. - Top of Concrete; EL. - Elevation; U.N.O. - Unless Noted Otherwise; E.J. - Expansion Joint; C.J. - Control Joint; E.E. - Each End; T & B - Top and Bottom; S.M.P. - Solid Masonry Pier; A.B. - Anchor Bolt; W.S. - Water Stop; DEP. - Depression



STRUCTURAL NOTES:

LIVE LOADS: Roof - 30 PSF; Living Area - 40 PSF + 10 PSF Partition; Corridor - 80 PSF

FOUNDATION BEARINGS: Subsurface soil investigations have been made at the project site, based upon these investigations, column and wall foundations have been designed for a net bearing value of 3000 PSF. Field verifications as to soil bearing capacity shall be made by the Structural Engineer prior to placing foundations.

FOUNDATIONS: All foundations are to be placed on undisturbed soil not less than 1'-0" below existing grade, nor less than 2'-6" below adjacent finished exterior grade. Utility lines shall not be placed through or below adjacent finished exterior grade. Utility lines shall not be placed through or below foundations without approval of the Structural Engineer. Maintain 1:1 slopes from bottom edge of footing to bottom of any adjacent excavation. Elevations are shown at tops of footings. The Contractor should take note of any water conditions at the site and ensure that excavations remain dry during construction. The bearing surface under all footings shall be level and free of loose stone, loose earth, or debris. No footing shall be poured until after the bottoms are inspected and approval is given.

COMPACTED FILL: Compacted fill shall be used to bring all existing grades below the building slab subgrade elevation up to that elevation. A Registered Soils Engineer shall be retained to provide full time supervision and the necessary testing to obtain compacted soil capable of supporting footings designed for 3000 PSF soil bearing value. The Soils Engineer shall issue written reports to the Engineer on the supervision, acceptance, and supporting test data for the virgin soil below fill and the selection and placement of the compacted fill. Fill shall be placed in 6" loose layers and compacted to 95% maximum dry density, based on the standard Proctor Compaction Tests (ASTM D-693). Compacted fill not supporting footings shall be inspected and tested in accordance with the contract specifications.

BACKFILL COMPACTION: The Contractor shall take all necessary precautions to brace foundation walls when backfilling and when there is a possibility of damage by excess water. Backfilling against such walls shall be done in a manner that will not damage walls, but should be well tamped in 6" layers in rough thickness to 95% maximum dry density per ASTM D-698. The use of large vibrator compaction equipment will not be permitted. All precautions should be taken for adequate drainage prior to and after such backfilling. Backfilling against walls will not be permitted until supporting slabs are in place or until adequate bracing arrangements are approved by the Structural Engineer. Backfill compaction shall be supervised by a Registered Soils Engineer.

CONCRETE: All concrete shall be mixed and placed in accordance with a current American Concrete Institute (ACI), "Building Code Requirements for Reinforced Concrete" (ACI 318-71), a copy of which shall be available on the project at all times. All reinforced concrete shall have a compressive strength f'_c of 3000 psi at 28 days, unless otherwise noted. Concrete test cylinders shall be taken from each concrete pour in accordance with ACI code and contract specifications. At least one test shall be made for each 20 cubic yards of concrete poured. All exposed edges of concrete to have a 3/4" chamfer. Provide water stops as shown on plans. Inspections and tests shall be done in accordance with the contract specifications.

REINFORCING STEEL: All reinforcing steel shall conform to ASTM Specifications A-615, Grade 60 for bars, Grade 40 for all stirrups and ties, and ASTM Specifications A-185 for Welded Wire Fabric (W.W.F.). Reinforcing details and bar laps shall be in accordance with ACI Code 318-71, current ACI "Manual of Standard Practices for Detailing Reinforcing Concrete Structures" and CRSI standards. Concrete protection for reinforcement shall be as follows:

| | Not Exposed | | Exposed | | Earth Formed |
|----------|---------------|--------------|---------------|--------------|--------------|
| | #5 or Smaller | #6 or Larger | #5 or Smaller | #6 or Larger | |
| Slabs | 3/4" | 1-1/2" | 2" | 3" | 3" |
| Columns | 1-1/2" | 1-1/2" | 2" | 2" | 3" |
| Walls | 3/4" | 1-1/2" | 2" | 2" | 3" |
| Footings | 3" | 3" | 3" | 3" | 3" |

All bars at corners of walls shall be lapped 40 diameters. Shop drawings of all reinforcing steel shall be submitted to the Structural Engineer for approval.

MASONRY: All masonry construction to be in accordance with the 1970 "Specifications for the Design and Construction of Load Bearing Concrete Masonry" by M.C.M.A. and the "American Standard Building Code for Masonry" as approved by A.S.T.M. C 90 and C 55. Except as required above or unless noted "100% Solid" on plans, solid masonry may be of load bearing units having a net cross-sectional area of 75% or more of its gross cross-sectional area (A.S.T.M. C 145). All masonry to be laid in type S mortar (1800 psi on the job) with full head and bed joint. Wall sections and piers less than 4 square feet in cross-sectional area to be of solid masonry. All piers and partitions to be bonded to adjacent masonry walls. All bonding to be in accordance with A.S.T.M. specifications. Contractor to provide required bracing and support for all masonry until permanent construction is in place. Dur-0-Hall @ 16" O.C.

Provide three courses of solid brick or one course of 100% solid (not filled C.M.U.) continuous under all slab bearing on masonry walls.

STRUCTURAL STEEL: All structural steel shall be detailed, fabricated and erected in accordance with the 1973 edition (with Supplements) of the American Institute of Steel Construction (AISC), "Specifications for the Design, Fabrication and Erection of Structural Steel for Buildings". Structural steel of domestic origin, shall conform to ASTM A-36, unless otherwise noted. Anchor bolts to be installed by Contractor shall conform to ASTM Designation A-36. Shop connections shall be welded. Field connections shall be friction type, threads included, using 3/4" high strength bolts conforming to ASTM A-325, unless otherwise noted. High strength bolts shall be tightened by the turn-of-nut method. Structural steel below grade shall have a minimum of 3" concrete or 4" solid masonry cover. All welding shall conform to the American Welding Society (AWS), "Structural Welding Code AWS D1.1-72". Welds shall be installed by welders qualified in accordance with AWS procedures for welder qualification. Structural steel inspection shall be made in accordance with specifications. Structural steel surfaces in contact with concrete shall be unpainted. The Contractor shall notify the Structural Engineer of any fabrication and erection errors or deviations and receive written approval before any field corrections are made. Structural tubing to be $F_y = 46$ KSI (under ASTM A500 Grade).

STEEL JOISTS: The detailing, fabrication and erection of steel joists shall conform to the latest standard specifications of the Steel Joist Institute (SJI). Only joists with steel of domestic origin and manufactured by member companies of the SJI will be accepted. Joists shall bear a minimum of 2'-1/2" on steel supports and shall be anchored with two (2) 3/8" x 1" fillet welds. Bridging shall be as shown on plans, and welded to inside of top and bottom chords, unless otherwise noted. Provide one shop coat corrosion resistant paint. Extend top chords as required and extend all bottom chords.

ROOF DECK: Steel roof deck shall be 1/2" deep 20 gauge galvanized, having a minimum $I = 0.152$ in.⁴ and $S = 0.135$ in.³ Deck shall be continuous for three or more spans. Deck shall be installed in accordance to contract specifications and manufacturer's recommendations.

SLABS ON GRADE: Unless otherwise noted, slabs on grade shall be 4" thick, poured concrete and reinforced with 6" x 6" - W2.0 x W2.0 Welded Wire Fabric (W.W.F.). Placing, lap, etc., shall conform to WRI standards. Slabs shall be poured in alternate panels in a checkerboard pattern in areas not exceeding 5,000 square feet or 25 feet in one direction. W.W.F. at mid-depth unless otherwise noted.

MISCELLANEOUS LINTELS: Provide Precast Concrete lintels, unless noted otherwise. Provide 8" min. bearing each end for precast concrete lintels and steel beams.

OPENINGS

| | |
|--------------|---------------------------------|
| Up to 4'-0" | 4"x8" P.C.C. W/3 Top and Bottom |
| Up to 5'-0" | 4"x8" P.C.C. W/4 Top and Bottom |
| Up to 6'-0" | 4"x8" P.C.C. W/4 Top and Bottom |
| Up to 7'-0" | 4"x8" P.C.C. W/5 Top and Bottom |
| Up to 7'-11" | 4"x8" P.C.C. W/5 Top and Bottom |
| Up to 10'-0" | W8x15, U.N.O. |

For openings in 4" partitions, provide 4"x8" precast lintels reinforced as above. For 6" partitions, provide 6"x8" precast lintels with one bar top and bottom as indicated above.



Dewberry, Newton & Davis
 STRUCTURAL ENGINEERS
 8411 ARLINGTON ROAD
 19201 MONTGOMERY VILLAGE AVE. GAITHERSBURG, MARYLAND 20878

REVISIONS

| | | |
|---|----------------|----------|
| FEB 2, 1978 | 75% SUBMISSION | |
| DRAWN | DATE | SCALE |
| FAB/DK | | AS NOTED |
| COOPER-LECKY PARTNERSHIP ARCHITECTS | | |
| 3203 GRACE ST. NW WASHINGTON D.C. | | |
| HOWARD COUNTY ADULT ACTIVITY CENTER | | |
| TYPICAL DETAILS & STRUCTURAL NOTES | | |
| DRAWING NO. | | |

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