NOTES:
major finished elevations shown thus +0'0".
existing elevations (on 20 grid) are shown on tunnel plan, sheet A-15.
cross-sectional reference of existing grade are also noted on sheet A-3.
interior finished elevations of dome areas shall be graded by owner.

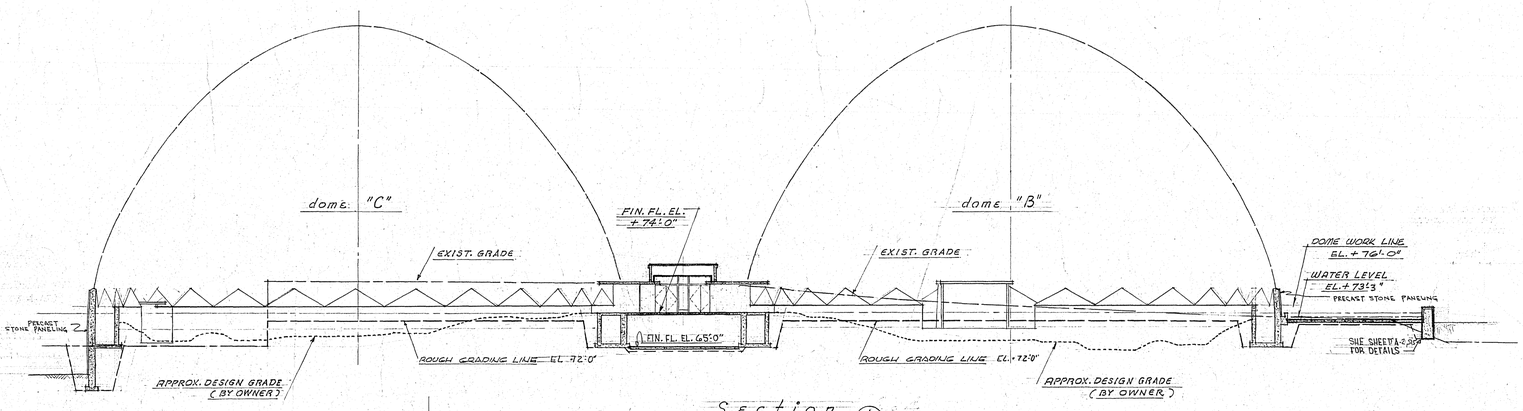
planter box detail 1/2" = 1'-0"
entry plaza screeding 1" = 1'-0"
entry plaza @ reflecting pool 1/8" = 1'-0"
stone & conc wall 1/2" = 1'-0"
conc walk at wall 1/2" = 1'-0"
OMIT
planter at stone & conc wall 1/2" = 1'-0"

for entrance — see (1/4" scale detail plan sheet # A-6
for lobby — see (1/8" scale detail plan — sheet # A-7
for entrance — see (1/4" scale detail plan sheet # A-6

project orientation plan
scale: 1/16" = 1'-0"

REVISIONS APRIL 15, 1959
DATE JULY 15, 1959
JOB NO. M-1557
DONALD GRIEB ARCHITECT
MITCHELL PARK CONSERVATORY
FOR MILWAUKEE COUNTY PARK COMMISSION
A 24

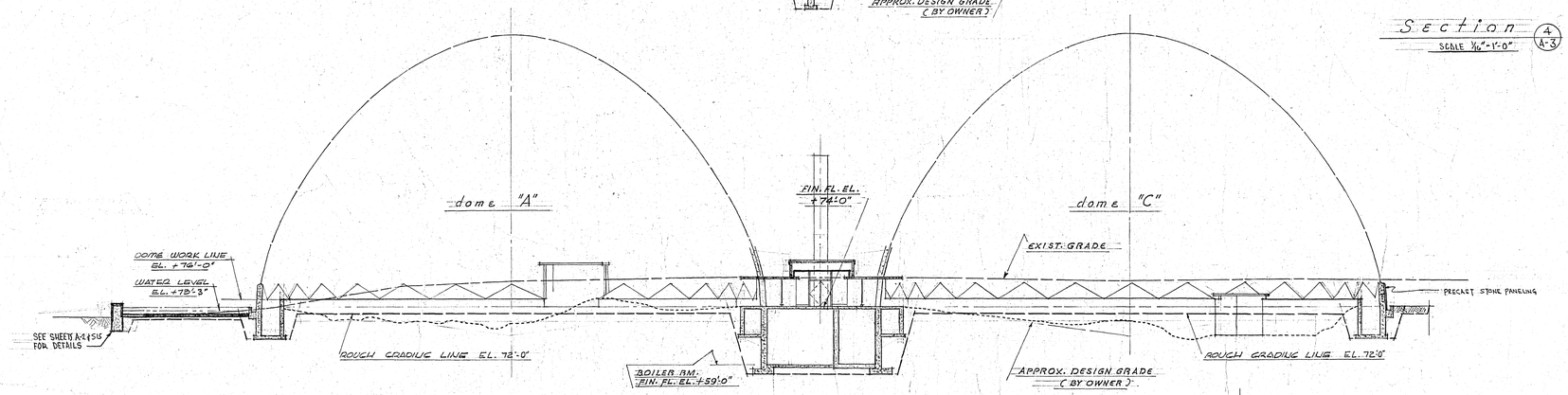
14-B-13-332 B-13-14 B-13



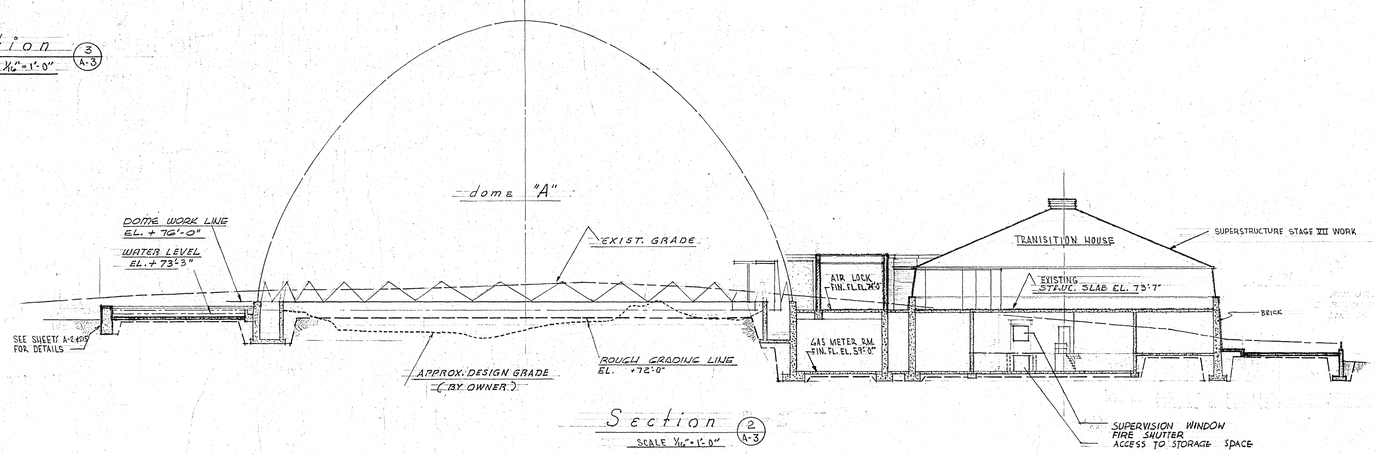
Section 4 / A-3
SCALE 1/16" = 1'-0"

GENERAL NOTES

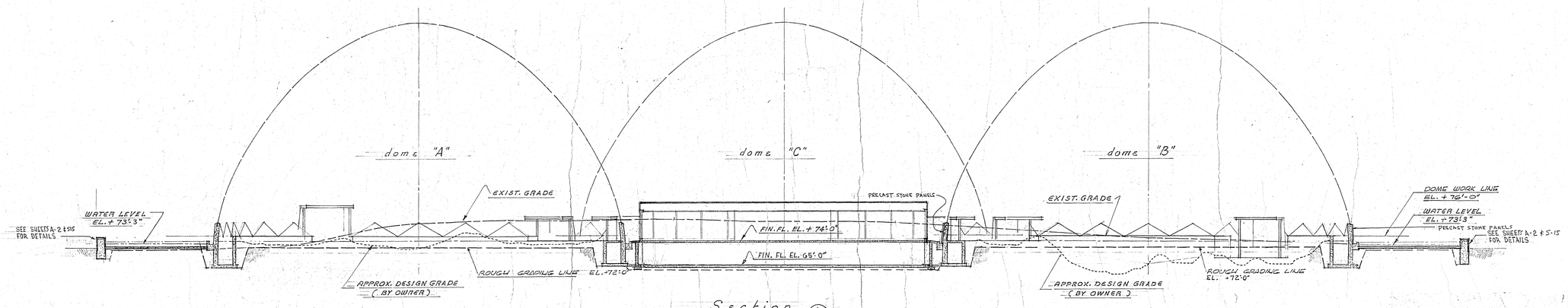
1.) CROSS SECTIONS SHOWN HERE ARE PRIMARILY FOR REFERENCE PURPOSES.
2.) PRINCIPAL FINISH ELEVATIONS ARE NOTED FOR GENERAL ORIENTATION.
3.) PROFILE LINE OF EXIST. GRADE APPROX. ONLY, SEE TUNNEL PLAN (20' GRID).
EXISTING GRADE LINES INDICATE GRADES BEFORE EXISTING WORK WAS COMMENCED.
4.) SEE STRUCTURAL DRAWINGS FOR FOUNDATION DETAILS AND FOOTING ELEVATIONS
5.) PAINTING WORK, IN STAGE III WORK.



Section 3 / A-3
SCALE 1/16" = 1'-0"



Section 2 / A-3
SCALE 1/16" = 1'-0"



Section 1 / A-3
SCALE 1/16" = 1'-0"

WISCONSIN DONALD L. GRIEB MILWAUKEE, WIS. ARCHITECT

Cross Sections (scale: 1/16" = 1'-0")

14-B-13-330

44562

B-13

MICROLINED

Depth grade 720

Note - Investigating grade 8' below library floor / (A Back) + Approx location of existing Building foundations

REVISIONS
~~APRIL 15, 1959~~
~~JUNE 15, 1960~~
MARCH 12, 1964

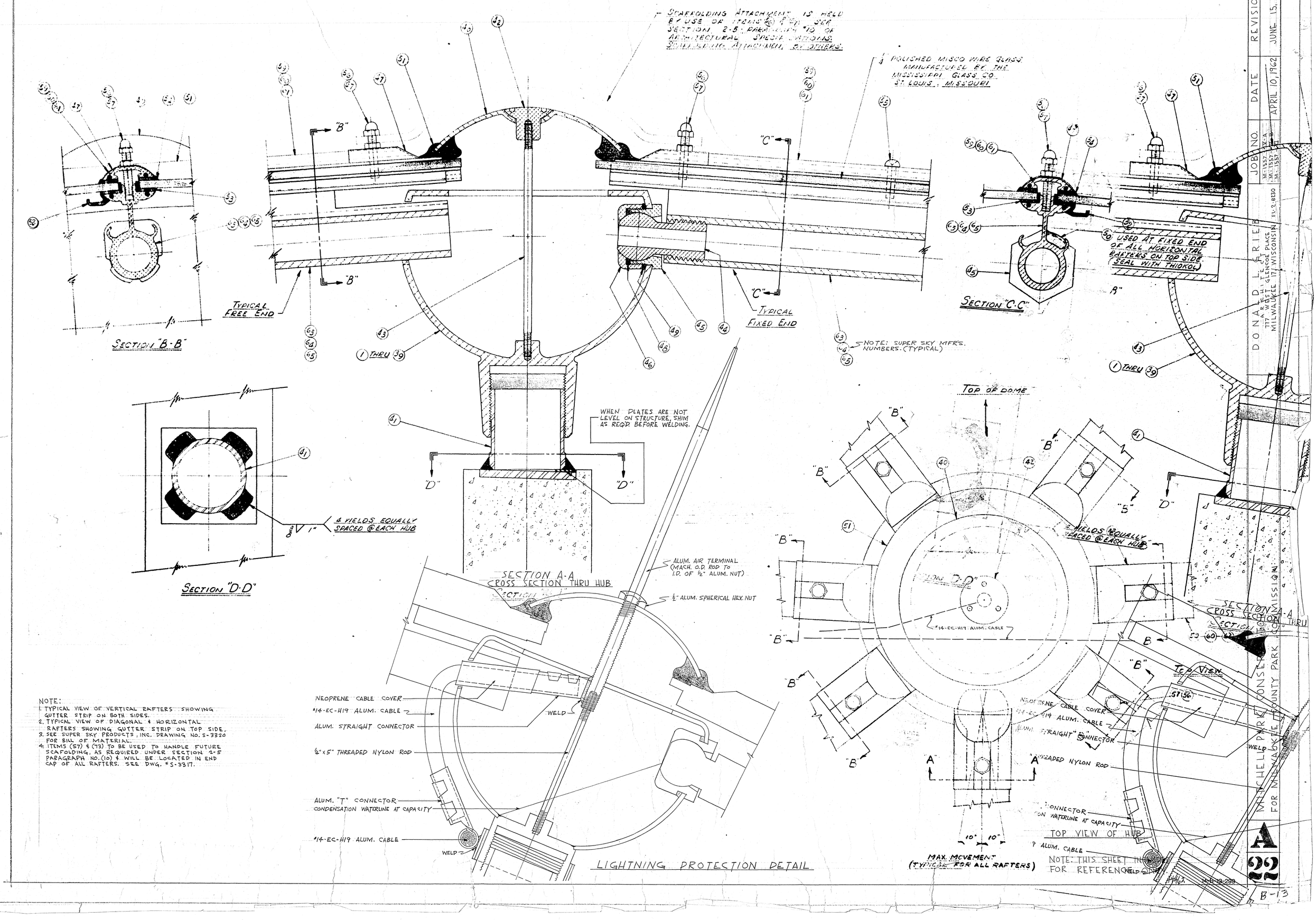
DATE
JAN. 15, 1959

JOB NO.
M-1557 III

DONALD L. GRIEB
ARCHITECT & ENGINEER
7722 WEST GLENCOE PLACE
MILWAUKEE 17, WISCONSIN EL-2-8230

MITCHELL PARK CONSERVATORY
FOR MILWAUKEE COUNTY PARK COMMISSION

A
3



NOTE:
1. TYPICAL VIEW OF VERTICAL RAFTERS SHOWING GUTTER STRIP ON BOTH SIDES.
2. TYPICAL VIEW OF DIAGONAL & HORIZONTAL RAFTERS SHOWING GUTTER STRIP ON TOP SIDE.
3. SEE SUPER SKY PRODUCTS, INC. DRAWING NO. S-3320 FOR BILL OF MATERIAL.
4. ITEMS (57) & (73) TO BE USED TO HANDLE FUTURE SCAFOLDING, AS REQUIRED UNDER SECTION 2-5 PARAGRAPH NO. (10) & WILL BE LOCATED IN END CAP OF ALL RAFTERS. SEE DWG. #S-3317.

REVISIONS	DATE	JOB NO.
JUNE 15, 1962	APRIL 10, 1962	M-1557 V-A M-1557 V-B M-1557

DONALD L. GRIEB
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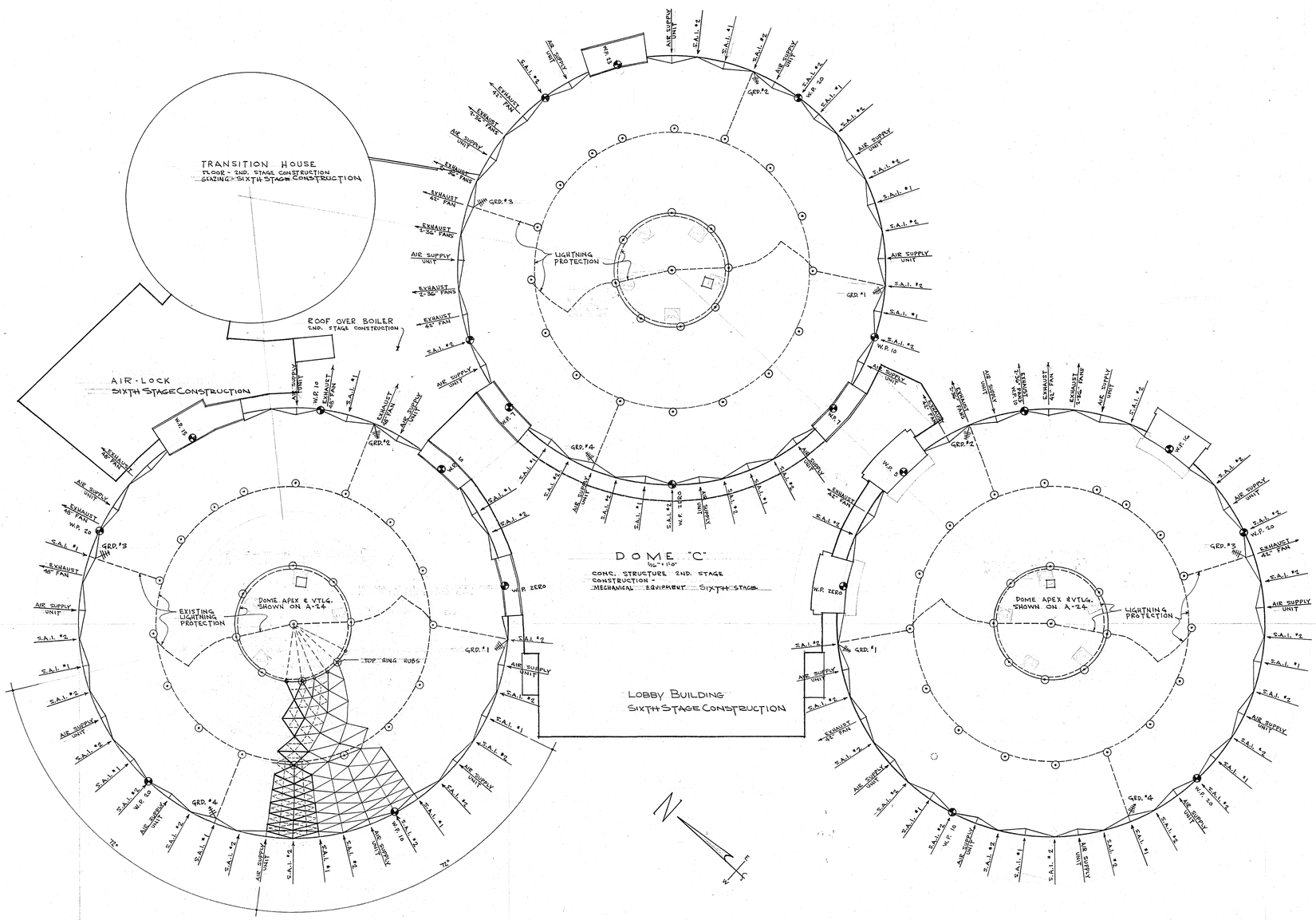
MITCHELL PARK CONSERVATORY
FOR MILWAUKEE COUNTY PARK COMMISSION

A 22

14-B-13-299

B-13

SYMBOL	DESCRIPTION
48" EXHAUST FAN	48" PROPELLOR EXHAUST FAN IN CONCRETE BASE OF DOME A WORK INCLUDED IN 2ND STAGE CONTRACT BY HEATING CONTRACTOR: FAN, DAMPERS, CONTROLS, ENCLOSURES & SUPPORTS - SEE SHTS. A-5 BY SKYLIGHT CONTRACTOR: LOUVERS, INSECT SCREEN - SEE DETAILS - SHT. A-5
S.A.I. #2	SUMMER AIR INTAKE #2 IN SKYLIGHT DOME COVER BY SKYLIGHT CONTRACTOR: LOUVERS, INSECT SCREENS - SEE DET. - SHT. A- BY HEATING CONTRACTOR: DAMPERS, CLOSURES, INSULATION
S.A.I. #1 AIR SUPPLY UNIT	SUMMER AIR INTAKE #1 IN CONCRETE BASE AIR SUPPLY UNIT OUTSIDE AIR INTAKE BY GENERAL CONTRACTOR: ORNAMENTAL METAL LOUVERS AND SCREENS - SEE DETAILS SHT. A-5 BY HEATING CONTRACTOR: DAMPERS, CLOSURES, EQUIPMENT WORK INCLUDED IN 2ND STAGE CONTRACT FOR DOME A SIXTH STAGE IN DOME B AND C
EXHAUST 2-36" FANS	PROPELLOR EXHAUST FANS - 2-36" DIAMETER BY SKYLIGHT CONTRACTOR: LOUVERS AND SCREENS FANS AND ENCLOSURE - SIXTH STAGE
EXHAUST 42" FAN	PROPELLOR EXHAUST FAN - 42" DIAMETER IN BASE OF DOME B AND C SIXTH STAGE
⊙	LIGHTNING PROTECTION AIR TERMINAL - SEE SHEET A-22
GRD. #1	LIGHTNING PROTECTION GROUNDING ROD #1 - SEE SHEET A-4



DOME "A"
1/16" = 1'-0"
CONC. STRUCTURAL WORK COMPLETED IN 1ST. STAGE.
SECOND STAGE CONSTRUCTION
MECHANICAL EQUIPMENT, ELECTRICAL CONNECTIONS, LIGHTNING PROTECTION
S.A. INTAKE NO 1, AIR SUPPLY INTAKES

ROOF PLAN
1/16" = 1'-0"

DOME "B"
1/16" = 1'-0"
CONC. STRUCTURAL WORK COMPLETED IN 1ST. STAGE
SIXTH STAGE : MECHANICAL EQUIPMENT
DOME BASE AIR INTAKES (S.A.I. #1, Air Supply Units)

GLAZING FRAMEWORK

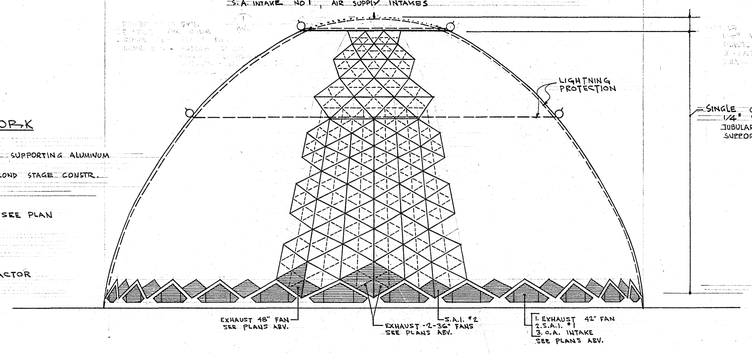
- - - - - DENOTES TUBULAR RAFTERS

——— DENOTES PRECAST CONC. UNITS SUPPORTING ALUMINUM TUBULAR RAFTERS AND HUBS
EXISTING WORK OF FIRST & SECOND STAGE CONSTR.

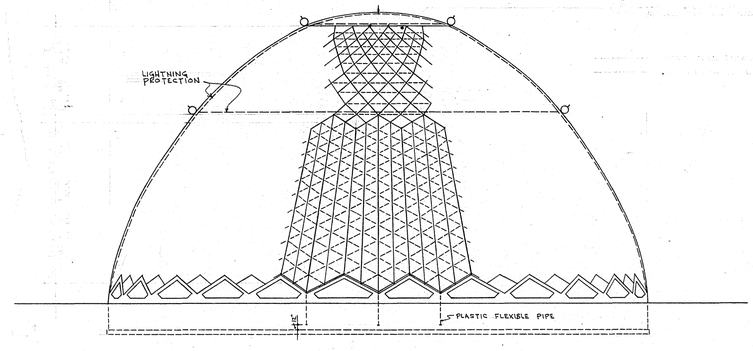
LOUVER WORK - SEE PLAN

BY SKYLIGHT CONTRACTOR:
EXHAUST 48" FAN
EXHAUST 2-36" FANS
S.A.I. #2

BY ORNAMENTAL METAL CONTRACTOR
EXHAUST 42" FAN
S.A.I. #1
G.A. INTAKE



TYPICAL ELEVATION - DOMES A-B-C
1/16" = 1'-0"
SEE PLANS ABOVE FOR LOCATION



DRAINAGE DIAGRAM
1/16" = 1'-0"

REVISIONS	DATE	JOB NO.
JUNE 15, 1962	MARCH 29, 1961	M-1557-II

DONALD L. GRIEB
ARCHITECT
777 WEST GLENCOE PLACE
MILWAUKEE 17, WISCONSIN FL-2-8230

MITCHELL PARK CONSERVATORY •
FOR MILWAUKEE COUNTY PARK COMMISSION

A
23

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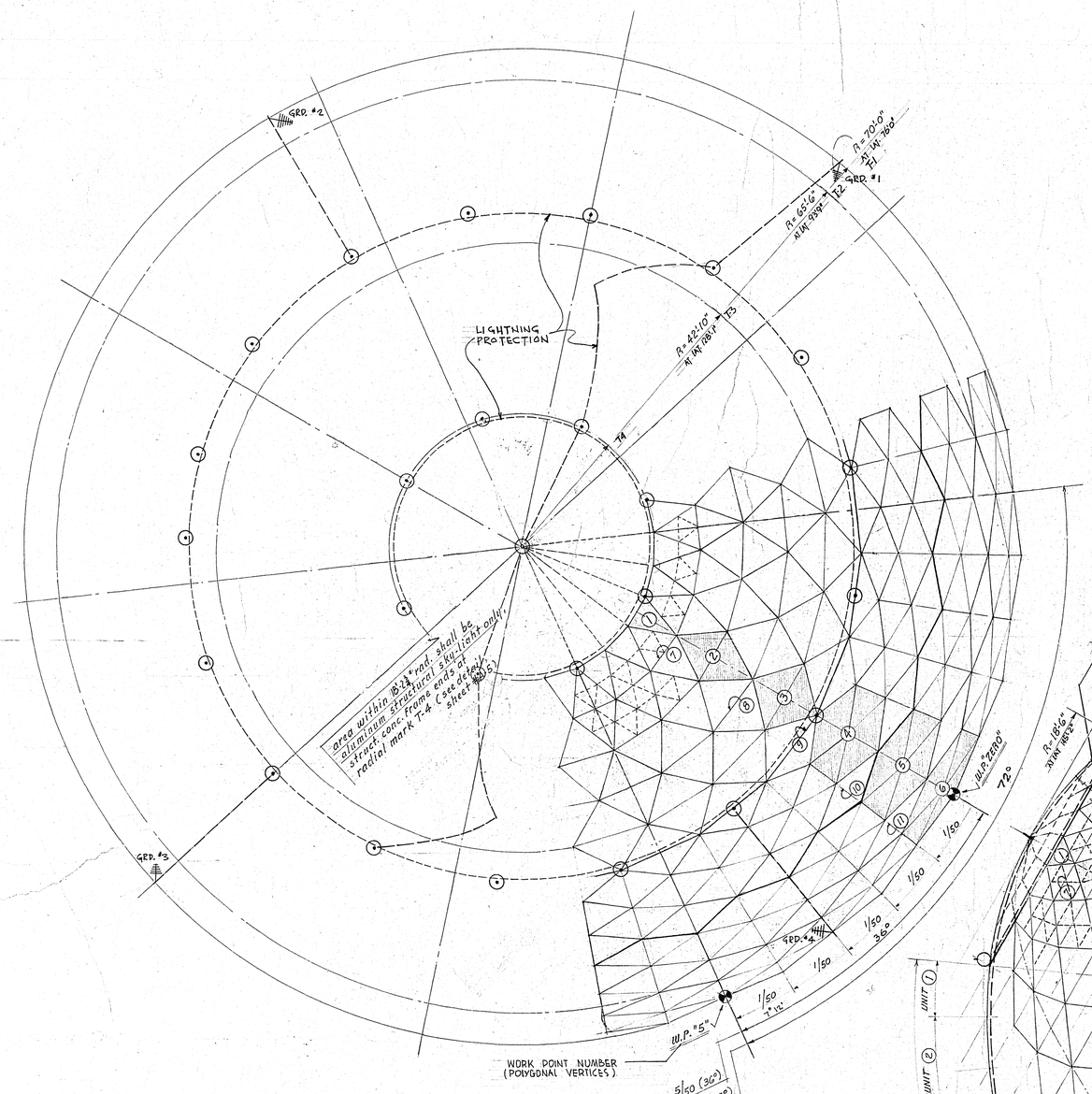
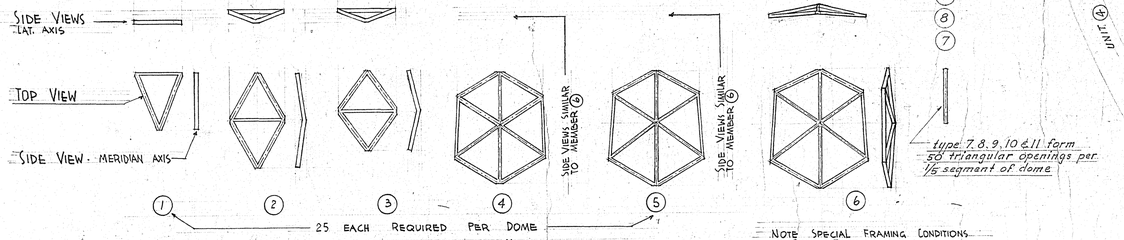
B-13



FRAMING DIAGRAM OF 1/5 SECTOR - DOME C

TOP VIEW - SCALE 1/8" = 1'-0"

1. DOMES A & B TO BE SIMILAR SPECIAL CONDITIONS AT DOME ENTRANCES SHOWN ON SHT A-6 & STRUCT DRWGS
2. FOLLOW DIMENSIONS & CONCRETE FRAMING DETAILS SHOWN ON STRUCT. DRWGS S1 - S15
3. ALUM. FRAME & GLAZING DETAILS SHEETS A-5, A-22, A-23, A-24, & A-25
4. EXACT SIZES OF ALL MEMBERS AS DETERMINED BY ARCH.



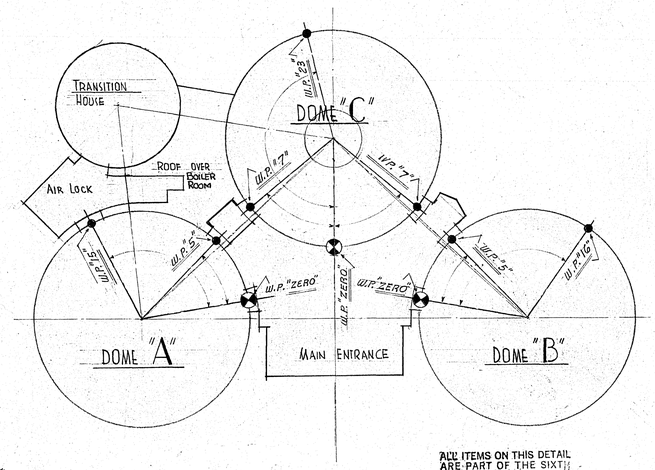
25 EACH REQUIRED PER DOME

PRECAST CONCRETE SPACE FRAME MEMBERS

NOT TO SCALE - SEE NOTE 2 ABOVE

EXISTING CONSTRUCTION THIS DETAIL IS INCLUDED FOR REFERENCE ONLY.

NOTE SPECIAL FRAMING CONDITIONS AT DOME ENTRANCES SEE ORIENTATION DIAGRAM THIS SHT



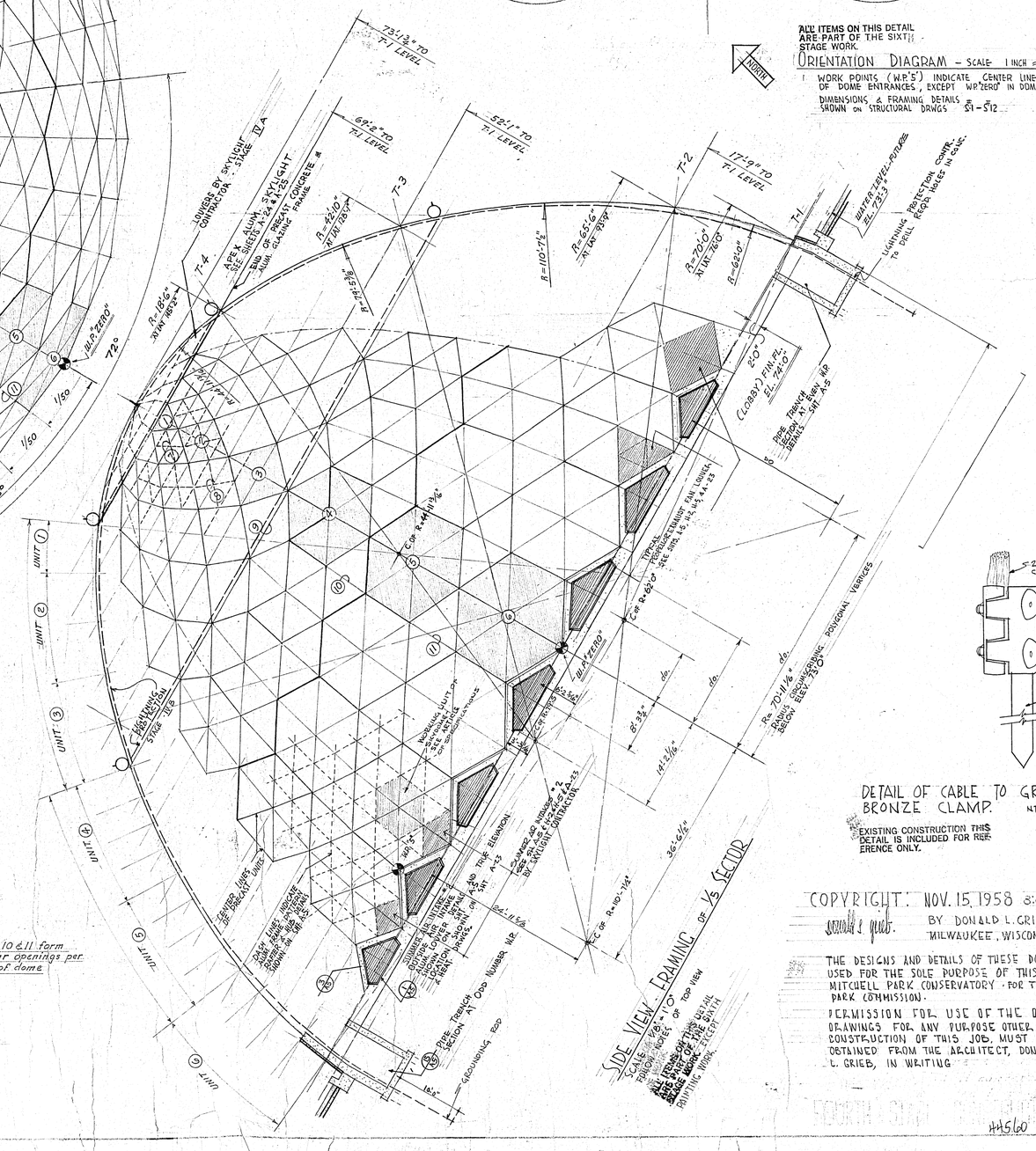
ALL ITEMS ON THIS DETAIL ARE PART OF THE SIXTH STAGE WORK.

NORTH

ORIENTATION DIAGRAM - SCALE 1 INCH ≈ 40 FEET

1. WORK POINTS (W.P.'S) INDICATE CENTER LINES OF DOME ENTRANCES, EXCEPT W.P. "ZERO" IN DOME C

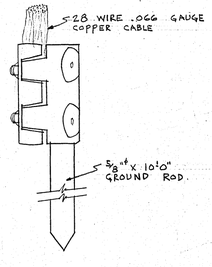
DIMENSIONS & FRAMING DETAILS SHOWN ON STRUCTURAL DRWGS S1 - S12



SIDE VIEW - FRAMING OF 1/5 SECTOR

SCALE 1/8" = 1'-0" PERIOD NOTES OF TOP VIEW

ALL ITEMS ON THIS DETAIL ARE PART OF THE SIXTH STAGE WORK. EXCEPT PRINTING WORK.



DETAIL OF CABLE TO GROUND ROD BRONZE CLAMP.

NTS - STAGE IV B

EXISTING CONSTRUCTION THIS DETAIL IS INCLUDED FOR REFERENCE ONLY.

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BY DONALD L. GRIEB, ARCHITECT.
MILWAUKEE, WISCONSIN.

THE DESIGNS AND DETAILS OF THESE DOMES ARE TO BE USED FOR THE SOLE PURPOSE OF THIS PROJECT FOR MITCHELL PARK CONSERVATORY - FOR THE MILW. COUNTY PARK COMMISSION.

PERMISSION FOR USE OF THE DESIGN AND/OR DRAWINGS FOR ANY PURPOSE OTHER THAN BIDDING & CONSTRUCTION OF THIS JOB, MUST BE OBTAINED FROM THE ARCHITECT, DONALD L. GRIEB, IN WRITING.

WISCONSIN DONALD L. GRIEB MILWAUKEE, WIS. ARCHITECT

JOB NO.	DATE	REVISIONS
M-1557 XIII	APRIL 15, 1960	MARCH 27, 1961 APRIL 10, 1962 (NOTE IV A & B) JUNE 15, 1962 (SHEET 2)

MARCH 12, 1964

DONALD L. GRIEB
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777 WEST GLENORA PL.
MILWAUKEE 17, WISCONSIN FL 2-8230

MITCHELL PARK CONSERVATORY
FOR MILWAUKEE COUNTY PARK COMMISSION

A 4

14-B-13-328

B-13

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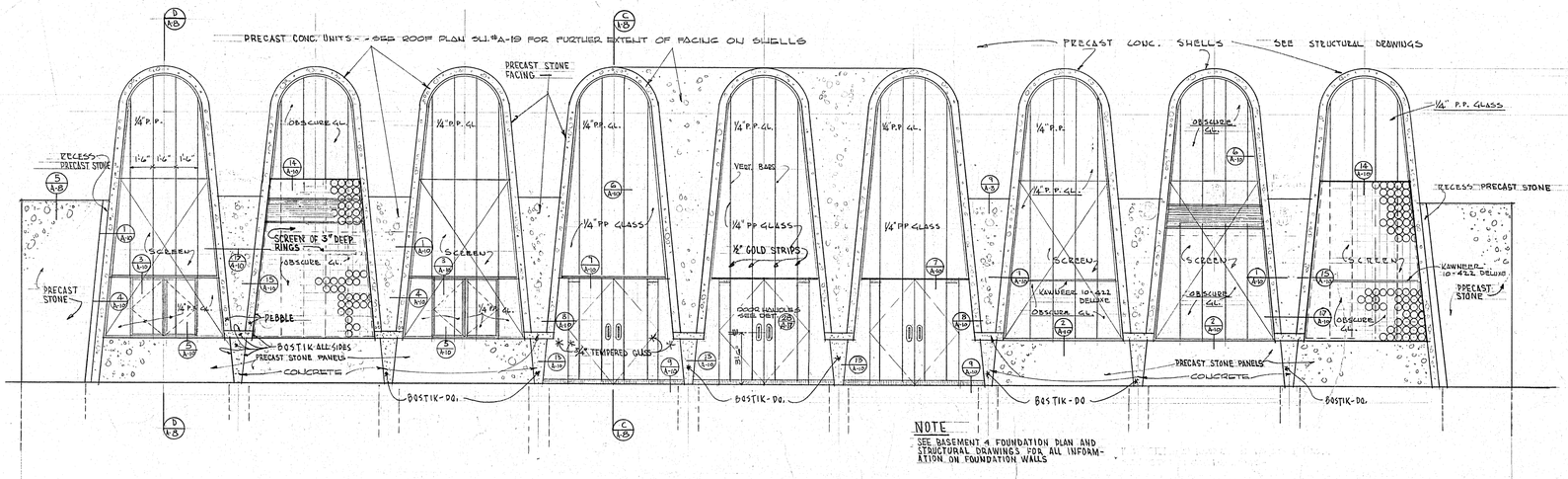
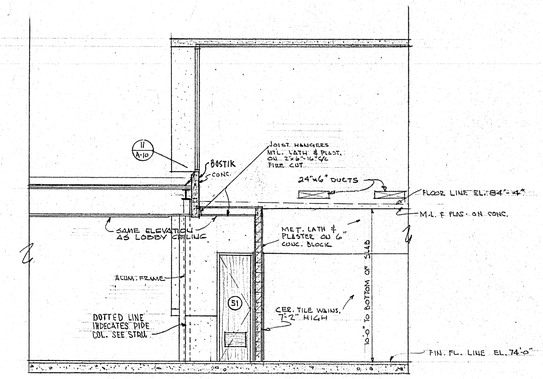


NOTE
SEE BASEMENT & FOUNDATION PLAN AND STRUCTURAL DRAWINGS FOR ALL INFORMATION ON FOUNDATION WALLS

EXTERIOR ELEVATION · OFFICE · FOYER · & TOILET ROOMS · SCALE 1/4"=1'-0"

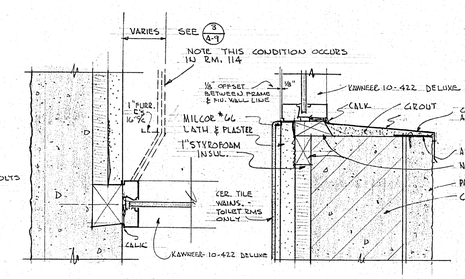


SECTION (A/A-10) THRU VESTI. 108 1/4"=1'-0"

SAME CONDITION AT VESTIBULE 111 -

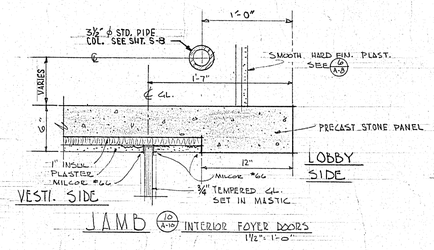
SEE PLAN SHEET A-9

CHECK SECTIONS & DETAILS ON SH. A-8 SEE (D/A-10)

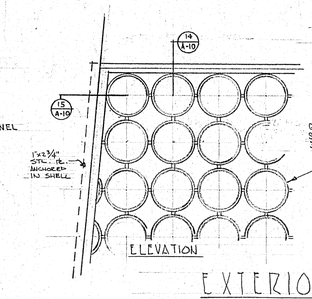


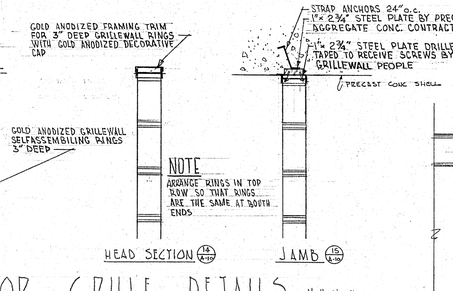
JAMB (1/A-10) 3"=1'-0"

SILL (2/A-10) 3"=1'-0"

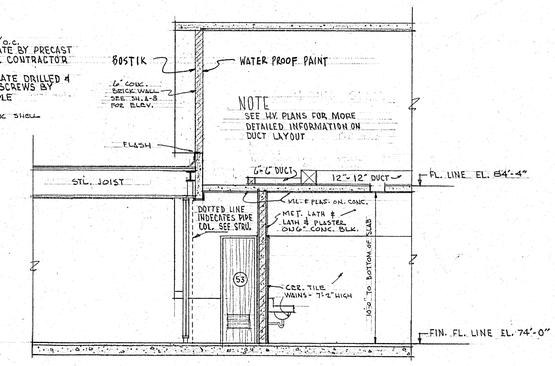


JAMB (10/A-10) INTERIOR FOYER DOORS 1 1/2"=1'-0"



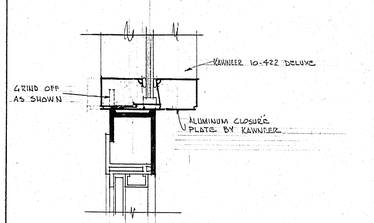


EXTERIOR GRILLE DETAILS 1 1/2"=1'-0"

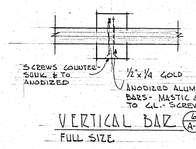


SECTION (D/A-10) THRU JANITORS CLOSET 110

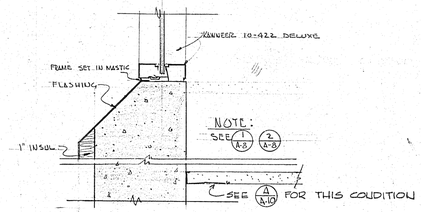
CHECK SECTIONS & DETAILS ON SH. A-8 1/4"=1'-0"



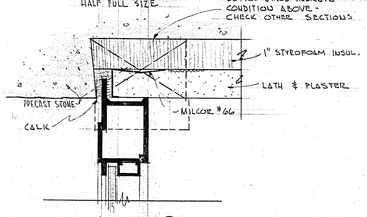
HEAD (3/A-10) HALF FULL SIZE



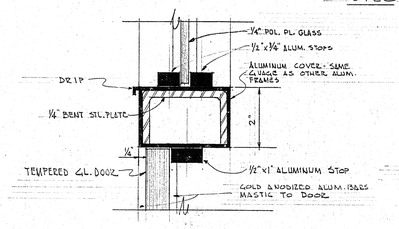
VERTICAL BAR (6/A-10) FULL SIZE



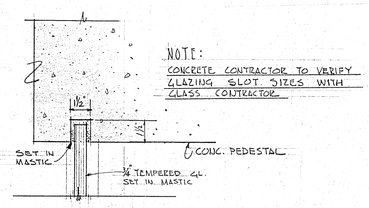
SILL (11/A-10) 3"=1'-0"



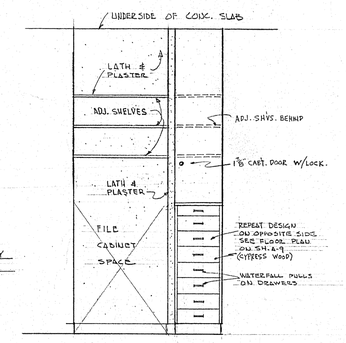
JAMB (4/A-10) HALF FULL SIZE



HEAD (7/A-10) HALF FULL SIZE

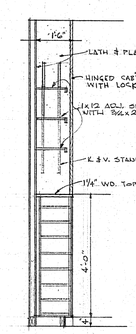


JAMB (13/A-10) 3"=1'-0"

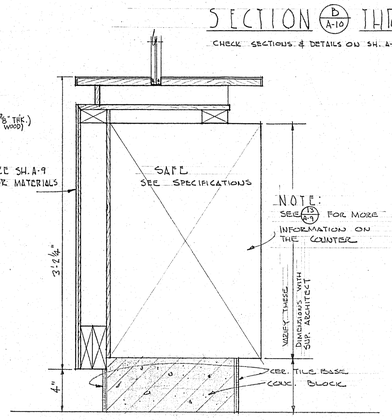


ELEVATION OF DRAWER UNIT RM. 102 1/2"=1'-0"

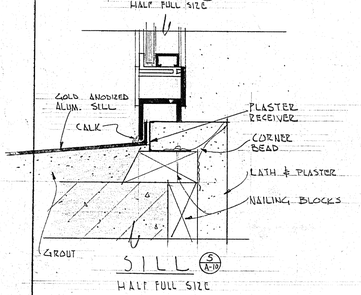
NOTE:
SEE SPECIFICATIONS FOR TYPE OF WOOD FOR DRAWER UNITS



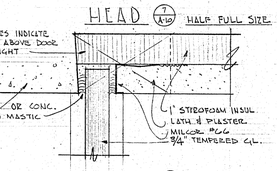
SECTION DRAWER UNITS 1/2"=1'-0"



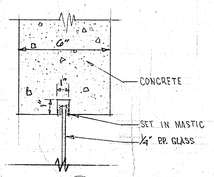
SECTION (16/A-10) THRU COUNTER 1 1/2"=1'-0"



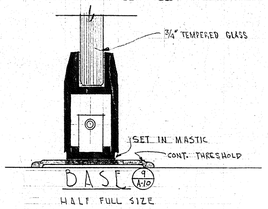
SILL (5/A-10) HALF FULL SIZE



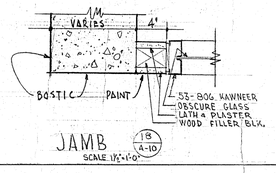
JAMB (8/A-10) HALF FULL SIZE



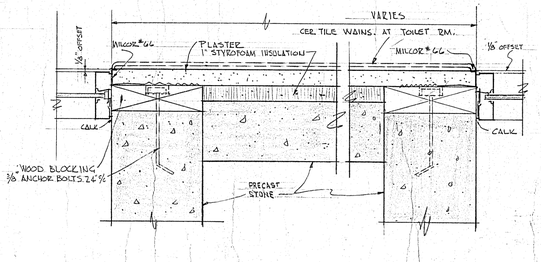
HEAD (12/A-10) SCALE 3"=1'-0"



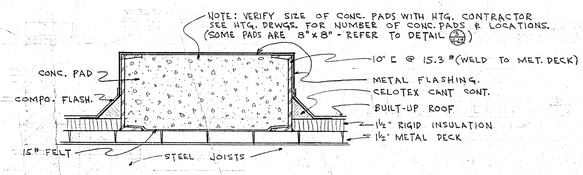
BASE (9/A-10) HALF FULL SIZE



JAMB (18/A-10) SCALE 1 1/2"=1'-0"



JAMB DETAIL (17/A-10) SCALE 3"=1'-0"



CONC. PAD DETAIL (19/A-10) AT LOBBY ROOF

1 1/2"=1'-0"

(NOTE: REFER TO DETAILS (18/A-10) & (11/A-10))

(NOTE: ANCHOR BOLTS BY GENERAL CONTRACTOR - SEE HTG. CONTRACTOR FOR NO. & LOCATIONS.)

NOTE: ALTERNATE ON ACOUS. PLAS. IN LOBBY. REFER TO SHEET A-26 & SPECS.

ALL ITEMS ON THIS DETAIL SHEET ARE PART OF THE SIXTH STAGE WORK, EXCEPT PAINTING WORK

WISCONSIN DONALD L. GRIEB MILWAUKEE, WIS. ARCHITECT

44498

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B-13

MICROLINED

REVISIONS	DATE
JUNE 15, 1962	
MARCH 12, 1964	

JOB NO. M-1557-VII

JAN. 15, 1959

DONALD L. GRIEB ARCHITECT
777 WEST GLENCOE PLACE
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MITCHELL PARK CONSERVATORY
FOR MILWAUKEE COUNTY PARK COMMISSION

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