

Revision	Date	No.
DD. REVIEW ISSUE	6-8-88	
CD. REVIEW ISSUE	7-12-88	
ISSUE FOR BIDDING	9-1-88	

DRAWING NUMBERS

DISCIPLINE: A1 (Architectural)

DRAWING NUMBER: 1

CO. COLUMN GRID LINE

NOTE LEADERS

EXISTING DOOR TO REMAIN

W-1 WINDOW TYPE

4'-0" LOUVER TYPE

MATCH LINE

CENTER LINE - C OR FIN. FL. LINE

BROKEN LINE ABOVE OR BELOW SOFFITS ETC. N.I.C. OR FUTURE

OFFICE ROOM IDENTIFICATION ROOM NAME ROOM NO. 2-137

A.B.	ANCHOR BOLT	N.C.	NON CORRODIBLE
A.D.	AREA DRAIN	N/C.	NOT IN CONTRACT
ADJ.	ADJUSTABLE	N.I.C.	NITROUS OXIDE
A.F.F.	ABOVE FINISH FLOOR	N.O.	NUMBER
ALT.	ALTERNATE	NOM.	NOMINAL
ALUM.	ALUMINUM	N.T.S.	NOT TO SCALE
A.M.	ACOUSTICAL MATERIAL	O.A.	OVERALL
ANESTH.	ANESTHESIOLOGY	ORTHO.	ORTHOPEDICS
A.P.	ACCESS PANEL	OFF.	OFFICE
APPROX.	APPROXIMATE	OPNG.	OPENING
ARCH.	ARCHITECTURAL	OPP.	OPPOSITE
B.A.	BUILDING ACCESSORY	O.R.	OPERATING ROOM
B.BD.	BULLETIN BOARD	ORTHO.	ORTHOPEDICS
BIT.	BITUMINOUS	PART.	PARTITION
B.L.	BUILDING LINE	P.C.	PRECAST CONCRETE
BLDG.	BUILDING	P.E.	PORCELAIN ENAMEL
BLKG.	BLOCKING	PL.	PLATE
B.LT.	BORROWED LIGHT	PLM.	PLASTIC LAMINATE
BM.	BEAM	PLS.	PLASTER
B.O.	BY OWNER	PLY.	PLYWOOD
B.O.F.	BY OWNER FUTURE	POL.	POLISH
BOT.	BOTTOM	PREP.	PREPARATION
B.R.	BACKER ROD	PROC.	PROCEDURE
BR.L.	BRICK LEDGE	R.B.	RUBBER BASE
BSMT.	BASEMENT	R.D.	RADIATION
B.U.R.	BUILT-UP ROOFING	R.F.	RIBBER FLOOR
CAB.	CABINET	R.O.	ROUGH OPENING
C.B.	CATCH BASIN	R.S.	ROUGH SLAB
C.BD.	CHALK BOARD	R.V.	ROUGH VENT
CBL.	CONCRETE BLOCK	R.W.C.	RAIN WATER CONDUCTOR
C.C.T.	CUBICLE CURTAIN TRACK	S.	SINK
C.G.	CORNER GUARD	SB.	SPECIAL BASE
C.JT.	CONTROL JOINT	SC.	SPECIAL COATING
C.L.	CENTER LINE	SCL.	SPECIAL CEILING
CLG.	CEILING	S.D.	SOUND DRAIN
C.O.	CASED OPENING	S.DISP.	SOAP DISPENSER
CO ₂	CARBON DIOXIDE	SECT.	SECTION
COL.	COLUMN	SFL.	SPECIAL FLOOR
CON.	CONCRETE	SFP.	SPRATED FIREPROOFING
CONC.	CONCRETE	SH.	SHOWER
CONF.	CONFERENCE	S.HD.	SHOWER HEAD
CONSTR.	CONSTRUCTION	SHT.	SHEET
CONT.	CONTINUOUS	SL.	SEALER
CONTR.	CONTRACTOR	SLNT.	SEALANT
CONV.	CONVECTOR	S.M.	SURFACE MOUNTED
COORD.	COORDINATE	SP.	STAMP
CORR.	CORRIDOR	SPEC.	SPECIFICATIONS
CPT.	CARPET	S.P.L.W.	SOFTWOOD PLYWOOD
C.T.	CERAMIC TILE	S.R.	SERVICE RECEPTOR
CTS.K.	COUNTERSINK	S.S.	SCRUB SINK
CUR.	CURB	S.S.S.	SURGEONS SCRUB SINK
C.W.	COLD WATER	S.ST.	STAINLESS STEEL
DEPT.	DEPARTMENT	STD.	STANDARD
DETA.	DETAIL	STER.	STERILIZER
D.F.	DRINKING FOUNTAIN	STOR.	STORAGE
DIA.	DIAMETER	STRUC.	STRUCTURAL
DICT.	DICTATION	SUSP.	SUSPENDED
DIM.	DIMENSION	SW.	SWITCH
DISP.	DISPENSER	SWF.	SPECIAL WALL FINISH
DI.W.	DIONIZED WATER	SYM.	SYMMETRICAL
DN.	DOWN	T.	THERMOSTAT
D.N.P.	DEMOUNTABLE PARTITION	T.BD.	TACKBOARD
DR.	DOOR	TEL.	TELEPHONE
D.S.	DOWN SPOUT	TER.	TERRAZZO
DS.W.	DISTILLED WATER	T&G.	TONGUE & GROOVE
DWG.	DRAWING	THRES.	THRESHOLD
E.A.	EACH	TR.	TREAD
E.C.	ELECTRIC CABINET	TYP.	TYPICAL
EL.	ELEVATION	U.	URINAL
ELBC.	ELECTRICAL	U.H.	UNIT HEATER
ELEV.	ELEVATOR	U.N.O.	UNLESS NOTED OTHERWISE
EMERG.	EMERGENCY	U.V.	UNIT VENTILATOR
E.N.T.	EAR NOSE THROAT	V.	VACUUM
E.O.	ELECTRICAL OUTLET	VB.	VINYL BASE
E.F.	ELECTRICAL PANELBOARD	VERT.	VERTICAL
EQ.	EQUAL	VEST.	VESTIBULE
E.O.	EQUIPMENT	VF.	VINYL FABRIC
E.W.C.	ELECTRIC WATER COOLER	W/	WITH
EX.	EXPOSED	W.C.	WATER CLOSET
EXIST.	EXISTING	WD.	WOOD
EXP.	EXPANSION	WDM.	WINDOW
EXT.	EXTERIOR	WFL.	WOOD FLOOR
F.A.	FIRE ALARM	W.H.	WALL HYDRANT
F.BR.	FACE BRICK	W/O	WITHOUT
F.D.	FLOOR DRAIN	WF.	WATERPROOF
FDN.	FOUNDATION	WS.	WEATHERSTRIP
F.D.V.	FIRE DEPARTMENT VALVE	W/S.	WASHER STERILIZER
F.E.	FIRE EXTINGUISHER	WSC.	WAINSCOT
F.H.P.	FULL HEIGHT PARTITION	WT.	WEIGHT
FIN.	FINISH		
FL.	FLOOR		
FLASH.	FLASHING		
FLUOR.	FLUOROSCOPY		
FP.	FIREPROOFING		
FR.	FRAME		
F.R.S.	FLUSHING RIM SINK		
F.S.	FLOOR SINK		
FUT.	FUTURE		
G.	GAS		
GALV.	GALVANIZED		
G.B.	GRAB BAR		
G.C.	GENERAL CONTRACTOR		
G.I.I.	GALVANIZED IRON		
GL.	GLASS		
GR.	GRADE		
GYP.	GYPSONUM BOARD		
GYN.	GYNCOLOGY		
GYP.	GYPSONUM		
H.B.	HOSE BIB		
H.C.C.	HOSE CABINET		
H.D.	HAND DRYER		
HDCP.	HANDICAP		
HDW.	HARDWARE		
HWD.	HARDWOOD		
H.M.	HOLLOW METAL		
HORIZ.	HORIZONTAL		
H.P.L.W.	HARDWOOD PLYWOOD		
HT.	HEIGHT		
H.W.	HOT WATER		
I.D.	INSIDE DIAMETER		
INSUL.	INSULATION		
INS.GL.	INSULATED GLASS		
INT.	INTERIOR		
JAN.	JANITOR		
JT.	JOINT		
K.O.	KNOCK OUT		
LAV.	LAVATORY		
L.CB.	LIGHTWEIGHT CONCRETE BLOCK		
L.F.	LINE FIGURED		
L.L.H.	LONG LEG HORIZONTAL		
L.L.V.	LONG LEG VERTICAL		
LOC.	LOCATION OR LOCATE		
LGT.	LIGHT/LIGHTING		
LVR.	LOUVER		
MATL.	MATERIAL		
MAX.	MAXIMUM		
M.C.	MEDICINE CABINET		
MECH.	MECHANICAL		
MEMB.	MEMBRANE		
MET.	METAL		
MEZZ.	MEZZANINE		
MFR.	MANUFACTURER		
MIN.	MINIMUM		
MIR.	MIRROR		
MISC.	MISCELLANEOUS		
M.O.	MASONRY OPENING		
M.D.	MOUNTED		
MULL.	MULLION		

- HEAVY BROKEN LINES SHOWN ON PLAN THUS: - - - - OUTLINES A SPECIFIC AREA DRAWN AT A LARGER SCALE ON THE SHEET INDICATED.
- ALL CHANGES IN FLOOR FINISHES SHALL OCCUR BENEATH DOORS UNLESS NOTED OR DETAILED OTHERWISE.
- FOR BUILDING ACCESSORY LIST, REFER TO SHEET A11-1.
- FOR TYPICAL MOUNTING HEIGHTS OF BUILDING ACCESSORIES (EXAMPLE: B.A.4), WATER CLOSETS, URINALS, LAVATORIES, DRINKING FOUNTAINS, TELEPHONE SHELVES, ELECTRIC WATER COOLERS, ETC., REFER TO SHEET A11-1.
- FOR CONTROL JOINTS IN CONCRETE BLOCK PARTITIONS, REFER TO DETAILS A13-1/1, A13-1/2 and A13-1/3.
- PROVIDE CONTROL JOINTS WHEREVER CONCRETE BLOCK ABUTS CONCRETE WALLS OR CONCRETE COLUMNS. REFER TO DETAIL A13-1/2.
- FOR CONTROL JOINTS IN GYPSUM BOARD PARTITIONS, REFER TO DETAIL A13-1/4.
- FOR KEY TO FINISHES AND MATERIALS, REFER TO SHEET AF-1.
- FOR DOOR TYPES AND DOOR FRAME ELEVATIONS, REFER TO SHEET A14-1.
- ALL DIMENSIONS ON FLOOR PLANS (1/8" AND 1/4" SCALE) ARE TO FINISH FACE OR TOTAL WALL/PARTITION THICKNESS EXCLUDING CERAMIC WALL TILE. SEE ROOM FINISH SCHEDULE AND/OR DETAILS FOR MATERIALS AND FINISHES.
- ALL OUTSIDE CORNERS OF GYPSUM BOARD CONSTRUCTION SHALL HAVE METAL CORNER BEADS. ALL GYPSUM BOARD TERMINATING AT A DIFFERENT MATERIAL SHALL HAVE METAL TRIM UNLESS NOTED OTHERWISE.
- PARTITION HEIGHTS AND RATINGS SHALL BE AS SHOWN ON REFLECTED CEILING PLANS OR AS NOTED ON FLOOR PLANS. FULL HEIGHT PARTITIONS SHALL EXTEND TO THE UNDERSIDE OF THE FLOOR STRUCTURE ABOVE, THE UNDERSIDE OF THE ROOF DECK OR SLAB ABOVE, OR STEEL OR CONCRETE BEAMS ABOVE. NON-FULL HEIGHT PARTITIONS SHALL EXTEND A MINIMUM OF 6" ABOVE THE FINISHED CEILING.
- ALL ROUGH CARPENTRY SHALL BE OF FIRE RETARDANT TREATMENT. EACH PIECE SHALL BE MARKED WITH U.L. CLASSIFICATION FRAS, AS REQUIRED BY INSPECTING OFFICIALS HAVING JURISDICTION.
- METAL STUDS IN INTERIOR PARTITIONS SHALL BE OF GAUGE AND/OR SPACING AS REQUIRED TO RESIST A FIVE (5) POUND PER SQUARE FOOT LOAD APPLIED PERPENDICULAR TO THE PARTITION, BUT IN NO CASE SHALL THE GAUGE BE LESS THAN 20 GAUGE AND THE SPACING BE GREATER THAN 16" ON CENTER. WHERE MORE STRINGENT REQUIREMENTS ARE SHOWN ON THE DRAWINGS OR ARE REQUIRED BY THE STUD MANUFACTURER AND/OR THE UNIFORM BUILDING CODE, 1985 EDITION, THESE MORE STRINGENT REQUIREMENTS SHALL BE MET.
- ALL DIMENSIONS PERTAINING TO MECHANICAL AND/OR ELECTRICAL SERVICE OR EQUIPMENT SHALL BE VERIFIED WITH THE RESPECTIVE TRADE.
- VERIFY AND COORDINATE WITH MECHANICAL AND ELECTRICAL CONTRACTORS THEIR REQUIREMENTS, LOCATIONS AND SIZES OF ALL CONCRETE PADS AND/OR CURBS, FOR THEIR RESPECTIVE EQUIPMENT.
- REFER TO INDIVIDUAL DRAWINGS FOR ADDITIONAL APPLICABLE GENERAL NOTES.

INDICATION OF MATERIALS

[Pattern]	EARTH	[Pattern]	SHIM
[Pattern]	STONE FILL	[Pattern]	WOOD (FINISH)
[Pattern]	CONCRETE	[Pattern]	WOOD (BLOCKING OR FRAMING)
[Pattern]	TERRAZZO	[Pattern]	PLYWOOD
[Pattern]	BRICK	[Pattern]	INSULATION
[Pattern]	STONE	[Pattern]	METAL
[Pattern]	MARBLE	[Pattern]	ACOUSTICAL MATERIAL
[Pattern]	CONCRETE BLOCK	[Pattern]	EXPANSION MATERIAL
[Pattern]	TILE	[Pattern]	CARPET
[Pattern]	METAL STUD WALLS		
[Pattern]	WOOD STUD WALLS		
[Pattern]	*PLASTER, SAND, GROUT, ROOF FILL, GYPSUM BOARD, PARTICLE BOARD		

FIRE RESISTIVE SCHEDULE

THIS BUILDING IS CLASSIFIED AS A GROUP A, DIVISION 2.1 OCCUPANCY, AND SHALL BE OF TYPE II, ONE-HOUR CONSTRUCTION.

ALLOWABLE AREA FOR A-2.1, TYPE II, ONE-HOUR:

TABLE 5-C	13,500	100% INCREASE SEPARATION ALL SIDES
506 (a) 3	27,000	100% INCREASE FOR SPRINKLERS
506 (c)	81,000	300% INCREASE FOR SPRINKLERS
	81,000	TOTAL ALLOWABLE SQUARE FOOTAGE

GROSS BUILDING SQUARE FOOTAGE	116,889
LESS BASEMENT	17,266
SUBTOTAL	99,623
LESS PRACTICE RINK	26,232
TOTAL SQUARE FOOTAGE ONE-STORY ARENA	73,391

ARCHITECTURAL

- T1 ARCHITECTURAL INFORMATION SHEET
- AP-1 ROOM FINISH SCHEDULE
- AR-1 BASEMENT LEVEL REFERENCE PLAN
- AR-1A BASEMENT LEVEL REFERENCE PLAN - ALTERNATE NO. 1
- AR-2 CONCOURSE LEVEL REFERENCE AND SIGNAGE PLAN
- AR-3 UPPER SEATING LEVEL REFERENCE AND SIGNAGE PLAN
- A1-1 BASEMENT LEVEL FLOOR PLAN - AREA 1
- A1-1A BASEMENT LEVEL FLOOR PLAN - AREA 1 - ALTERNATE NO. 1
- A1-2 BASEMENT LEVEL FLOOR PLAN - AREA 2
- A1-2A BASEMENT LEVEL FLOOR PLAN - AREA 2 - ALTERNATE NO. 1
- A1-3 BASEMENT LEVEL FLOOR PLAN - AREA 3
- A2-1 CONCOURSE LEVEL FLOOR PLAN - AREA 1
- A2-2 CONCOURSE LEVEL FLOOR PLAN - AREA 2
- A3-1 UPPER SEATING LEVEL FLOOR PLAN - AREA 1
- A3-2 UPPER SEATING LEVEL FLOOR PLAN - AREA 2
- A4-1 ROOF PLAN AND ROOF DETAILS
- A4-2 ROOF DETAILS
- A5-1 EXTERIOR ELEVATIONS
- A5-2 EXTERIOR ELEVATIONS
- A6-1 BUILDING SECTIONS
- A6-2 BUILDING SECTIONS
- A7-1 EXTERIOR DETAILS
- A7-2 EXTERIOR DETAILS
- A7-3 EXTERIOR DETAILS
- A8-1 LOUVER TYPES AND DETAILS
- A9-1 STAIR PLANS AND SECTIONS
- A9-2 EXTERIOR STAIR SIDEWALK AND LOADING DOCK PLANS
- A9-3 EXTERIOR STAIR AND RAILING DETAILS
- A10-1 RAILING ELEVATIONS
- A10-2 RAILING DETAILS
- A11-1 ENLARGED TOILET ROOM PLANS AND ELEVATIONS
- A12-1 INTERIOR ELEVATIONS
- A13-1 INTERIOR DETAILS
- A14-1 DOOR TYPES, FRAME ELEVATIONS AND DETAILS
- A14-2 DOOR DETAILS

MECHANICAL

- MT MECHANICAL TITLE SHEET
- MP-1 UNDERGROUND PLUMBING PLAN - AREA 1
- MP-2 UNDERGROUND PLUMBING PLAN - AREA 2
- M3 BASEMENT PLUMBING PLAN - AREA 1
- M4 BASEMENT PLUMBING PLAN - AREA 2
- M5 BASEMENT PLUMBING/HVAC PLAN - AREA 3
- M6 BASEMENT HVAC PLAN - AREA 1
- M7 BASEMENT HVAC PLAN - AREA 2
- M8 CONCOURSE PLUMBING/HVAC PLAN - AREA 1
- M9 CONCOURSE PLUMBING/HVAC PLAN - AREA 2
- M10 UPPER LEVEL PLUMBING/HVAC PLAN - AREA 1
- M11 UPPER LEVEL PLUMBING/HVAC PLAN - AREA 2
- M12 MECHANICAL ROOF PLAN
- M13 PLUMBING RISER AND DETAIL PLAN
- M14 MECHANICAL DETAIL PLAN

ICE RINK

- R1 ICE RINK FLOOR PLAN
- R2 ICE RINK DETAIL PLAN

ELECTRICAL

- ET ELECTRICAL TITLE AND SYMBOL SHEET
- ES ELECTRICAL SITE PLAN
- E1-1L BASEMENT LEVEL - LIGHTING PLAN - AREA 1
- E1-1P BASEMENT LEVEL - POWER PLAN - AREA 1
- E1-2L BASEMENT LEVEL - LIGHTING PLAN - AREA 2
- E1-2P BASEMENT LEVEL - POWER PLAN - AREA 2
- E1-2LP BASEMENT LEVEL - LIGHTING & POWER PLAN - AREA 3
- E1-C BASEMENT LEVEL - COMMUNICATIONS PLAN
- E2-1L CONCOURSE LEVEL - LIGHTING PLAN - AREA 1
- E2-1P CONCOURSE LEVEL - LIGHTING PLAN - AREA 2
- E2-2P CONCOURSE LEVEL - POWER PLAN - AREA 2
- E2-C CONCOURSE LEVEL - COMMUNICATIONS PLAN
- E3-LP ARENA/UPPER SEATING LIGHTING & POWER PLAN
- E3-C UPPER SEATING LEVEL - COMMUNICATIONS PLAN
- E4-1 ROOF PLAN
- E5-1 ARENA LIGHTING CONTROL SCHEDULE AND DETAILS
- B6-1 ONE-LINE POWER RISER DIAGRAM
- E7-1 SCHEDULE - MOTOR STARTER
- E7-2 SCHEDULE - PANELBOARDS

CIVIL

- C1 SITE LAYOUT AND UTILITY PLAN
- C2 GRADING PLAN
- C3 SECTIONS & DETAILS
- C4 SITE DETAILS
- C5 UTILITY DETAILS
- C6 PERIMETER SUBDRAINS

STRUCTURAL

- S0-1 GENERAL STRUCTURAL NOTES & TYPICAL DETAILS
- S1-1 FOUNDATION & BASEMENT LEVEL FLOOR PLAN - AREA 1
- S1-1A FOUNDATION & BASEMENT LEVEL FLOOR PLAN - AREA 1 - ALTERNATE NO. 1
- S1-2 FOUNDATION & BASEMENT LEVEL FLOOR PLAN - AREA 2
- S1-2A FOUNDATION & BASEMENT LEVEL FLOOR PLAN - AREA 2 - ALTERNATE NO. 1
- S1-3 FOUNDATION & BASEMENT LEVEL FLOOR PLAN - AREA 3
- S2-1 CONCOURSE LEVEL FLOOR FRAMING PLAN - AREA 1
- S2-1A CONCOURSE LEVEL FLOOR FRAMING PLAN - AREA 1 - ALTERNATE NO. 1
- S2-2 CONCOURSE LEVEL FLOOR FRAMING PLAN - AREA 2
- S2-2A CONCOURSE LEVEL FLOOR FRAMING PLAN - AREA 2 - ALTERNATE NO. 1
- S3-1 UPPER SEATING & LOW ROOF FRAMING PLAN - AREA 1
- S3-2 UPPER SEATING & LOW ROOF FRAMING PLAN - AREA 2
- S4-1 HIGH ROOF FRAMING PLAN - AREA 1
- S4-2 HIGH ROOF FRAMING PLAN - AREA 2
- S4-3 ROOF FRAMING PLAN - AREA 3
- S4-4 TRUSS ELEVATION
- S5-1 FOUNDATION SECTIONS & DETAILS
- S5-2 STRUCTURAL DETAILS
- S6-1 FRAMING SECTIONS & DETAILS
- S7 COLUMN SCHEDULES & DETAILS - BASE BID & ALTERNATE NO. 1

MASONRY WALL REINFORCING SCHEDULE

- ALL MASONRY WALLS (INTERIOR AND EXTERIOR) SHALL HAVE HORIZONTAL JOINT REINFORCEMENT OF CONTINUOUS TRUSS TYPE SPACED AT 16" ON CENTER UNLESS NOTED OTHERWISE.
- MASONRY WALLS REQUIRED TO BE VERTICALLY REINFORCED SHALL HAVE THE CORES, IN WHICH THE REINFORCING IS PLACED, GROUTED SOLID WITH ASTM C476-71 (1976) GROUT.
- ALL EXTERIOR 12" MASONRY WALLS SHALL RECEIVE #6 VERTICAL REINFORCING BARS SPACED AT 32" ON CENTER UNLESS NOTED OR DETAILED OTHERWISE.
- ALL EXTERIOR 16" MASONRY WALLS SHALL RECEIVE #7 VERTICAL REINFORCING BARS SPACED AT 24" ON CENTER, ABOVE GRADE AND SHALL RECEIVE 2 ROWS OF #7 VERTICAL REINFORCING BARS SPACED AT 24" ON CENTER, BELOW GRADE UNLESS NOTED OR DETAILED OTHERWISE.
- ALL INTERIOR MASONRY BEARING WALLS SHALL RECEIVE #6 VERTICAL REINFORCING BARS SPACED AT 32" ON CENTER UNLESS NOTED OR DETAILED OTHERWISE.
- THE TOP COURSE OF ALL INTERIOR NON-FULL HEIGHT MASONRY WALLS SHALL BE AN 8" HIGH BOND BEAM WITH 2 - #4 REINFORCING BARS CONTINUOUS.
- ALL INTERIOR FULL-HEIGHT NON-BEARING 6" MASONRY WALLS WHICH SPAN MORE THAN 18'-4" BETWEEN INTERSECTING FULL-HEIGHT NON-BEARING MASONRY WALLS SHALL RECEIVE TOP OF WALL BRACING AS INDICATED ON DETAIL A13-1/5.
- ALL INTERIOR FULL-HEIGHT NON-BEARING 8" MASONRY WALLS WHICH SPAN MORE THAN 23'-0" BETWEEN INTERSECTING FULL-HEIGHT NON-BEARING MASONRY WALLS SHALL RECEIVE TOP OF WALL BRACING AS INDICATED ON DETAIL A13-1/6.
- ALL EXTERIOR MASONRY WALLS BELOW GRADE SHALL HAVE ALL CELLS GROUTED SOLID WITH ASTM C476-71 (1976) GROUT.

APPLICABLE CODES

BUILDING CODE	MINNESOTA STATE BUILDING CODE EFFECTIVE DATE: FEBRUARY 9, 1987 UNIFORM BUILDING CODE, 1985 EDITION EFFECTIVE DATE: FEBRUARY 17, 1987
FIRE CODE	UNIFORM FIRE CODE, 1982 EDITION EFFECTIVE DATE: APRIL 11, 1983
MECHANICAL CODE	MINNESOTA STATE BUILDING CODE CHAPTER 1345, HEATING, VENTILATING, AIR CONDITIONING AND REFRIGERATION RULES, 1345.0010 THROUGH 1345.3300
PLUMBING CODE	MINNESOTA STATE BUILDING CODE CHAPTER 1355 MINNESOTA PLUMBING CODE, 1987 EDITION
ELECTRICAL CODE	NATIONAL ELECTRICAL CODE, 1987 EDITION EFFECTIVE DATE: JULY 27, 1987
ELEVATOR CODE	ANSI-A 17.1-1984 INCLUDING SUPPLEMENT ANSI-A 17.1a-1985
ACCESSIBILITY CODE	MINNESOTA STATE BUILDING CODE CHAPTER 1340. EFFECTIVE DATE: JANUARY 14, 1985
ENERGY CODE	MODEL ENERGY CODE, 1983 EDITION EFFECTIVE DATE: JANUARY 1, 1984, WITH FEBRUARY 18, 1986 AMENDMENTS

INTEL SCHEDULE

- INTERIOR REINFORCED CONCRETE BLOCK LINTELS (NON-LOAD BEARING)**
- Use steel bar reinforced concrete block lintels over openings in masonry partitions of the following sizes unless noted or detailed otherwise on drawings. Masonry bearing shall be minimum 8 inches on each end.
- Openings 8 in. to 6 ft., use 8 in. high lintel blocks with two No. 4 bars.
- Openings 6 ft. to 10 ft., use 16 in. high lintel blocks with two No. 5 bars.
- Lintels will not be required where hollow metal frames occur spanning 3 ft. 4 in. or less provided the frames are sized to accept the full thickness of the masonry.
- At the contractor's option, steel lintels may be used in lieu of masonry lintels in areas concealed from view such as above finish ceilings.
- INTERIOR STEEL LINTELS (NON-LOAD BEARING)**
- Masonry bearing shall be minimum 8 inches on each end.
- | | |
|----------------------------------|-------------------------|
| 6 inch masonry - 8 in. to 6 ft. | 1L 6 x 4 x 3/8 (LLH) |
| 6 in. to 6 ft. | 1L 6 x 6 x 3/8 |
| 8 inch masonry - 8 in. to 6 ft. | 2LS 3-1/2 x 3-1/2 x 1/4 |
| 6 ft. to 10 ft. | 2LS 6 x 3-1/2 x 5/16 |
| 12 inch masonry - 8 in. to 6 ft. | 3LS 3-1/2 x 3-1/2 x 1/4 |
| 6 ft. to 10 ft. | 3LS 6 x 3-1/2 x 5/16 |

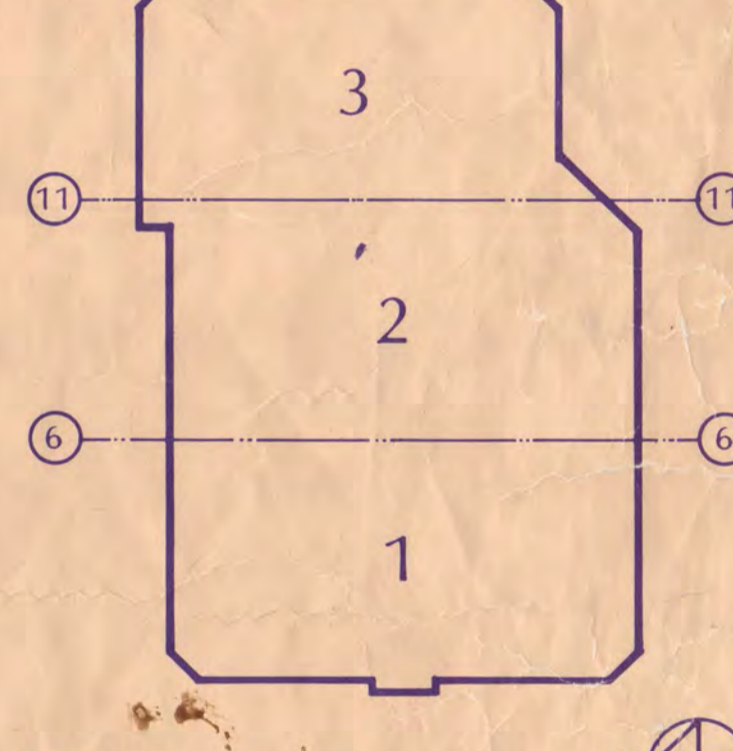
The official signatures appearing below signify the approval of the construction document package contained herein by St. Cloud State University and the Minnesota State University System.

William Paulson 9-31-88
St. Cloud State University Date

Shirley A. Mathias 9/6/88
Minnesota State University System Date

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Registered Architect under the laws of the State of Minnesota.

Michael D. Jones
Date 7/10/88 Reg. No. 016169



KEY PLAN

NATIONAL HOCKEY CENTER

ST. CLOUD STATE UNIVERSITY

ST. CLOUD, MINNESOTA

Ellerbe

One Appletree Square
Minneapolis, MN 55420
(612) 853-2000
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ARCHITECTURAL INFORMATION SHEET

Scale: NONE

Date: SEP 9, 1988 Comm. No. 8166-011

In Charge: DPE

Drawn By: DPP

Checked By: LP

ROOM FINISH SCHEDULE

Table with columns: ROOM NO., ROOM NAME, FLOOR, BASE, WALLS, CEILING, COLUMN, REMARKS. Contains room finish details for rooms 1-100 and 1-101 to 1-230.

Table with columns: ROOM NO., ROOM NAME, FLOOR, BASE, WALLS, CEILING, COLUMN, REMARKS. Contains room finish details for rooms 2-100 to 2-230.

Table with columns: ROOM NO., ROOM NAME, FLOOR, BASE, WALLS, CEILING, COLUMN, REMARKS. Contains room finish details for rooms 2-234 to 2-303.

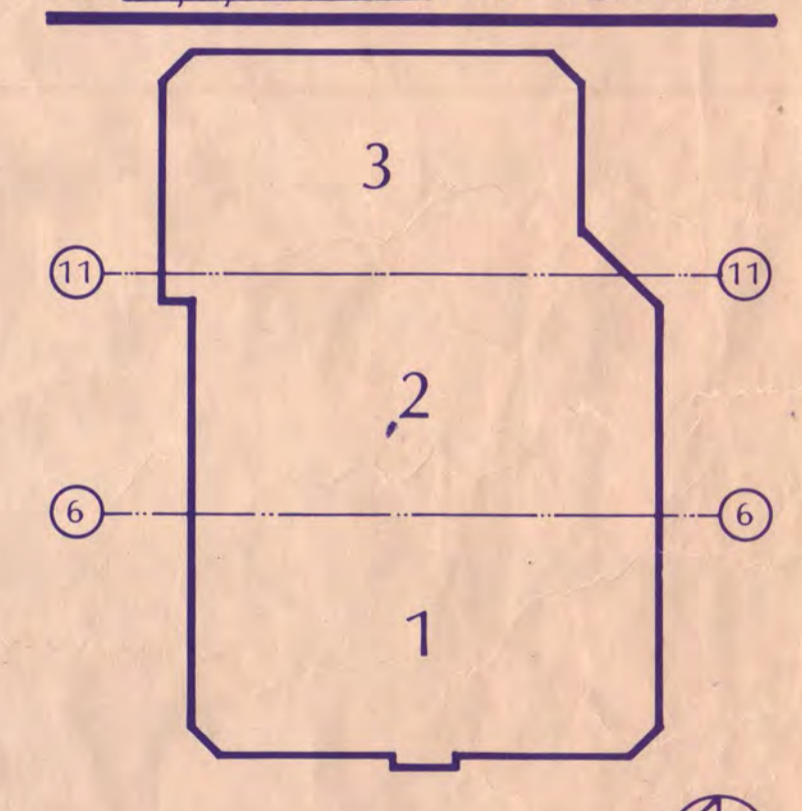
KEY TO MATERIALS AND FINISHES

Key to Materials and Finishes section containing: ACOUSTICAL MATERIAL TYPES, PAINT SYSTEMS, CERAMIC FLOOR TILE TYPES, CONCRETE TYPES, CONCRETE BLOCK TYPES, FLOOR TREATMENT TYPES, GLASS TYPES, GYPSUM BOARD TYPES, INSULATION TYPES, RESILIENT BASE TYPES, RESILIENT FLOORING TYPES, SEALANTS, STRUCTURAL STEEL FINISH TYPES, CODE TO PAINT COLORS, and ROOM FINISH SCHEDULE.

Revision table with columns: Revision, Date, No. Contains revision history for the schedule.

- ROOM FINISH SCHEDULE NOTES: 1. CON 3 AT STAIRS... 2. STAIRS RAILINGS... 3. THIS ROOM IS PART OF THE BASE BUILDING... 4. THIS ROOM IS PART OF ALTERNATE NO. 1... 5. CON 1 FINISH AT CAST-IN-PLACE CONCRETE... 6. FINISH ON WALLS SHALL EXTEND UP TO 4'-0" ABOVE FLOOR... 7. STAIRS FINISH ON EXPOSED STRUCTURAL STEEL COMPONENTS ONLY... 8. CHP II AT CEILING AND CHP III AT STEEL BEAMS... 9. SEE INTERIOR ELEVATIONS FOR LOCATIONS OF CBL TYPES AT EXTERIOR CONCRETE BLOCK WALLS... 10. SEE INTERIOR ELEVATIONS FOR WALL FINISHES AT ROOMS 1-24, 1-28 AND 1-10... 11. STAIRS FINISH AT STRUCTURAL STEEL BEAMS ONLY... 12. SEE BUILDING SECTIONS FOR LOCATIONS OF CBL TYPES AT INTERIOR AND EXTERIOR CBL WALLS.

GENERAL NOTE: 1. FIRST COURSE OF ALL INTERIOR CONCRETE BLOCK, INCLUDING INTERIOR FACE OF ALL EXTERIOR CONCRETE BLOCK, SHALL BE OF HIGH ABOVE FINISH FLOOR AND HAVE FLUSH VERTICAL JOINTS. I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Registered Architect under the laws of the State of Minnesota.

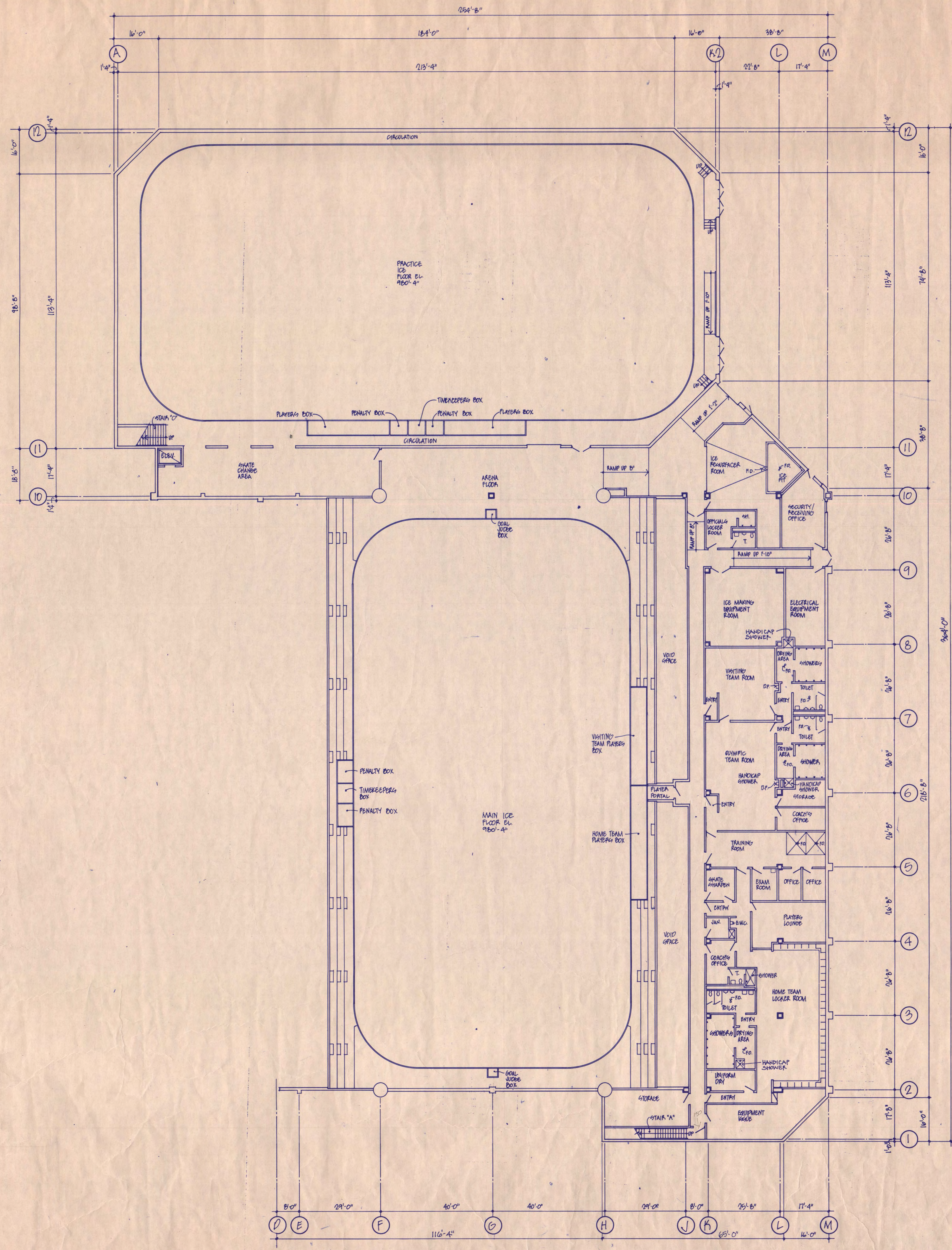


KEY PLAN NATIONAL HOCKEY CENTER

ST. CLOUD STATE UNIVERSITY ST. CLOUD, MINNESOTA Ellerbe

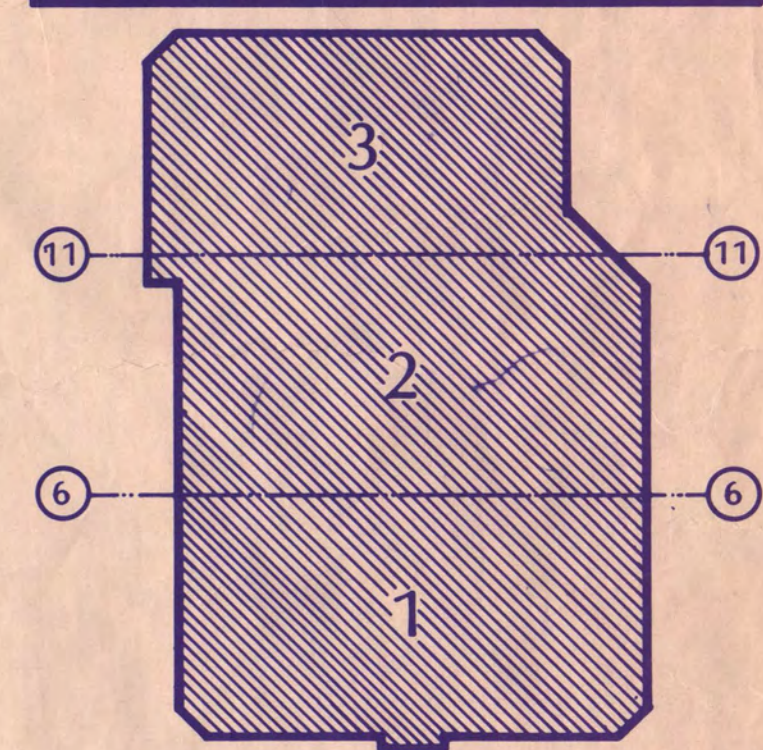
One Appletree Square Minneapolis, MN 55400 (612) 853-2000 © Ellerbe 1988 ROOM FINISH SCHEDULE Scale NONE Date SEP 9, 1988 Comm. No. 8166-071 In Charge DTE Drawn By BPP Checked By RD AF-1

GENERAL NOTES:
1 THIS PLAN IS INTENDED TO BE USED AS A REFERENCE TOOL ONLY. SOME VARIATION MAY OCCUR BETWEEN THIS PLAN AND THE 1/8" SCALE FLOOR PLANS. THE 1/8" SCALE FLOOR PLANS TAKE PRECEDENCE OVER THIS PLAN.



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Date: 11/12/88 Reg. No. 0161169



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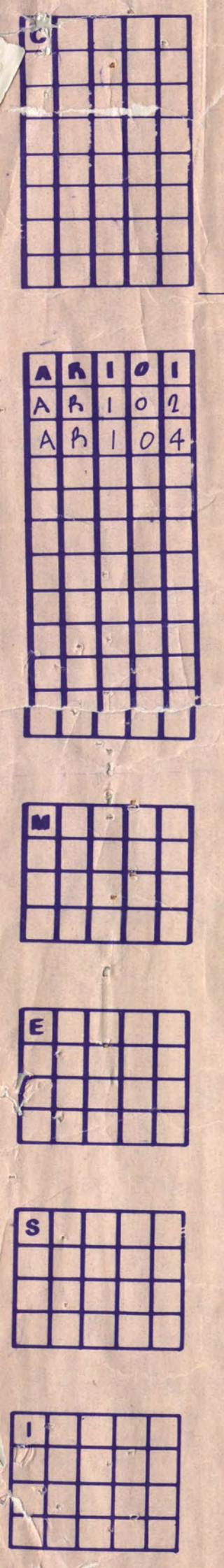
One Appletree Square
Minneapolis, MN 55425
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BASEMENT LEVEL REFERENCE PLAN

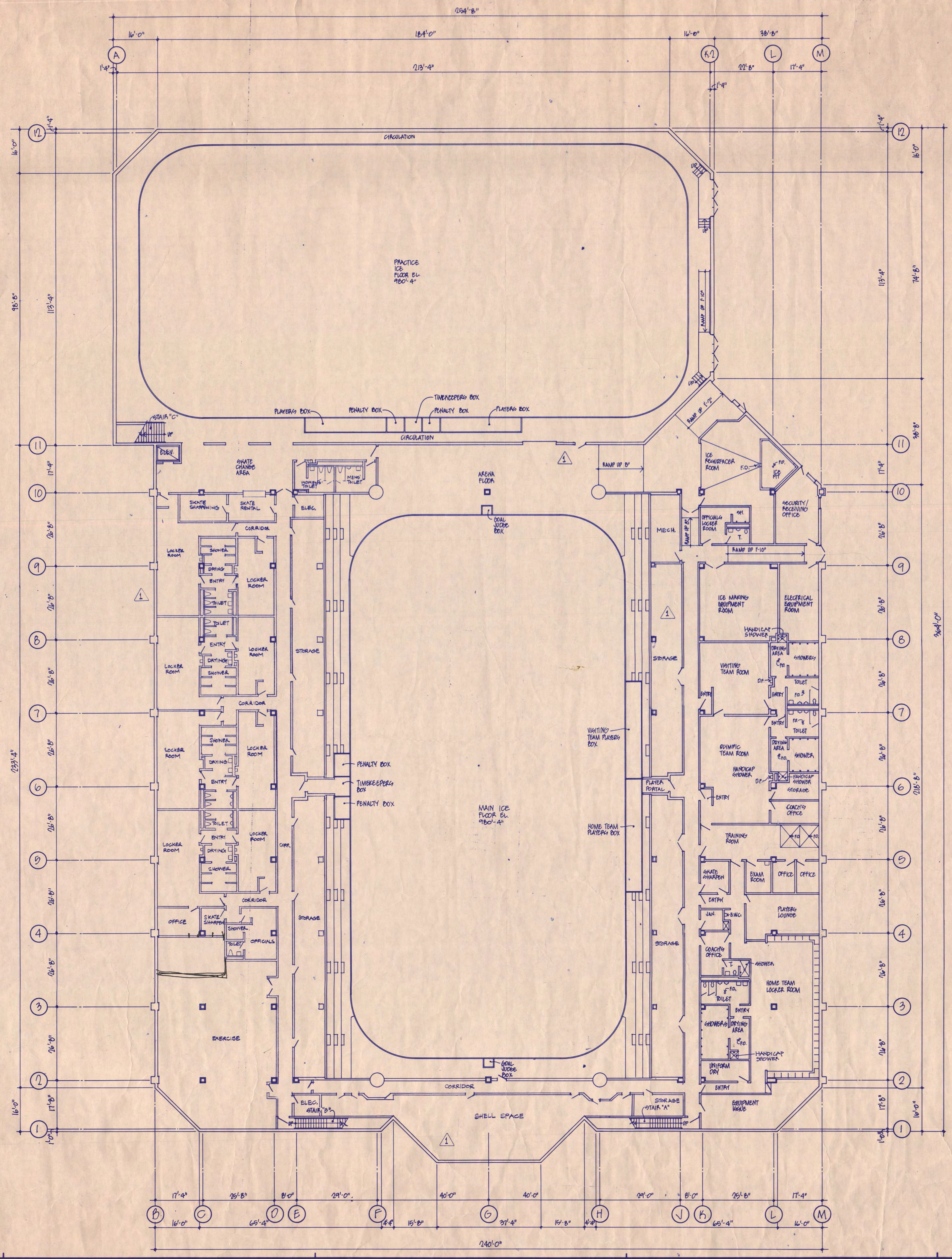
Scale: 1/8" = 1'-0"

Date: SEP. 9, 1988 Comm. No. 8766 871
In Charge: DTE
Drawn By: DPP
Checked By: RB

AR-1



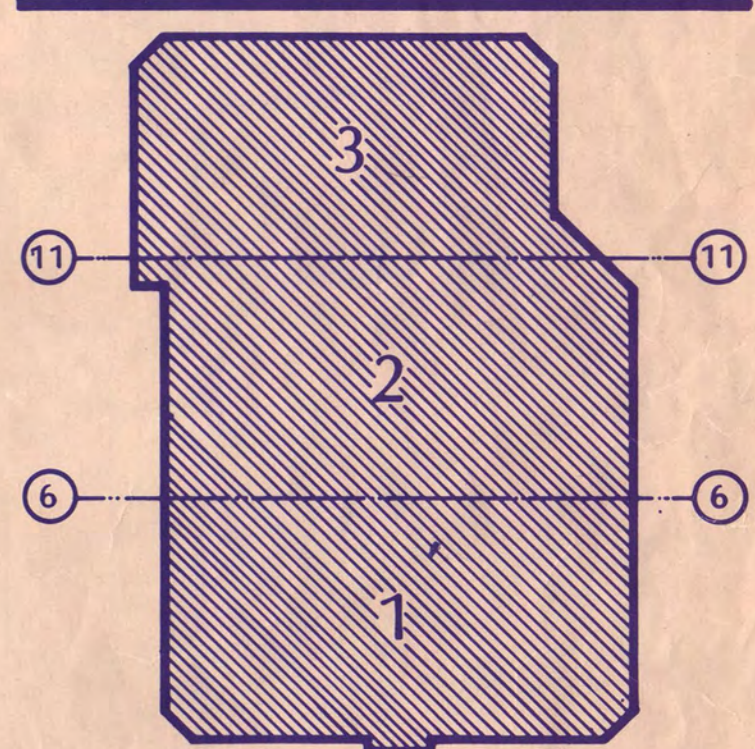
Revision	Date	No.
PT. REVIEW 1988B	6-8-88	
CD. REVIEW 1988B	7-12-88	
ISSUED FOR BIDDING	9-7-88	
BULLETIN NO. 1	3-30-87	



GENERAL NOTES:
 1. THIS PLAN IS INTENDED TO BE USED AS A REFERENCE TOOL ONLY. SOME VARIATION MAY OCCUR BETWEEN THIS PLAN AND THE 1/8" SCALE FLOOR PLANS. THE 1/8" SCALE FLOOR PLANS TAKE PRECEDENCE OVER THIS PLAN.

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Michael J. Jones
 Date 11/10/88 Reg. No. 0161169



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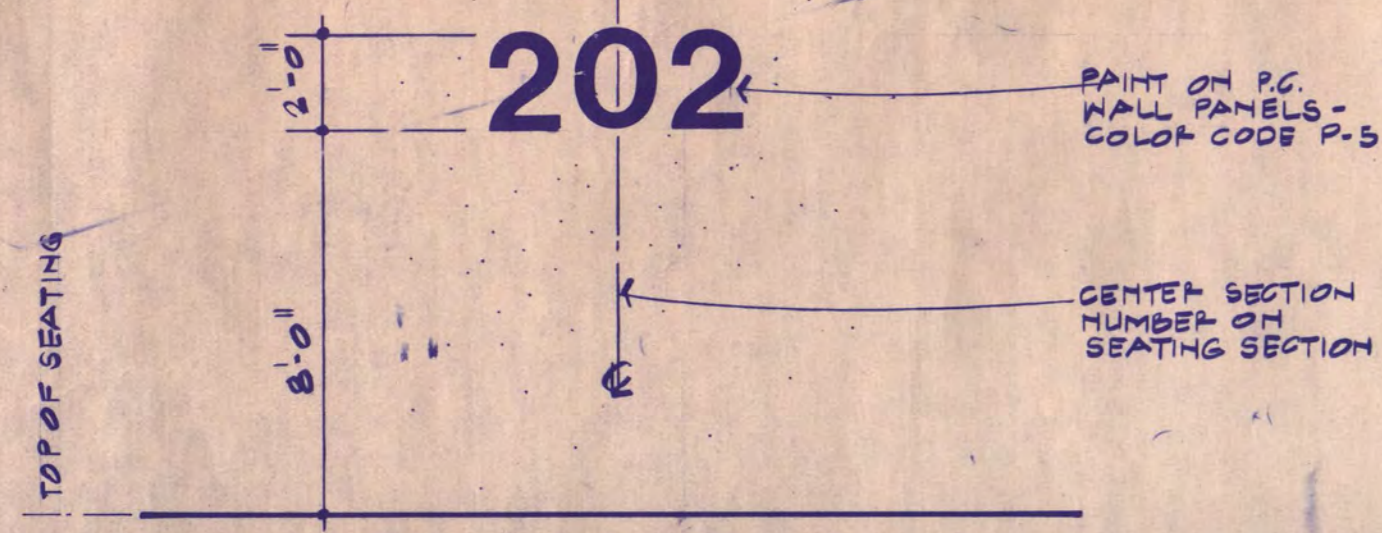
BASEMENT LEVEL REFERENCE PLAN ALTERNATE NO. 1

Scale 1/8" = 1'-0"

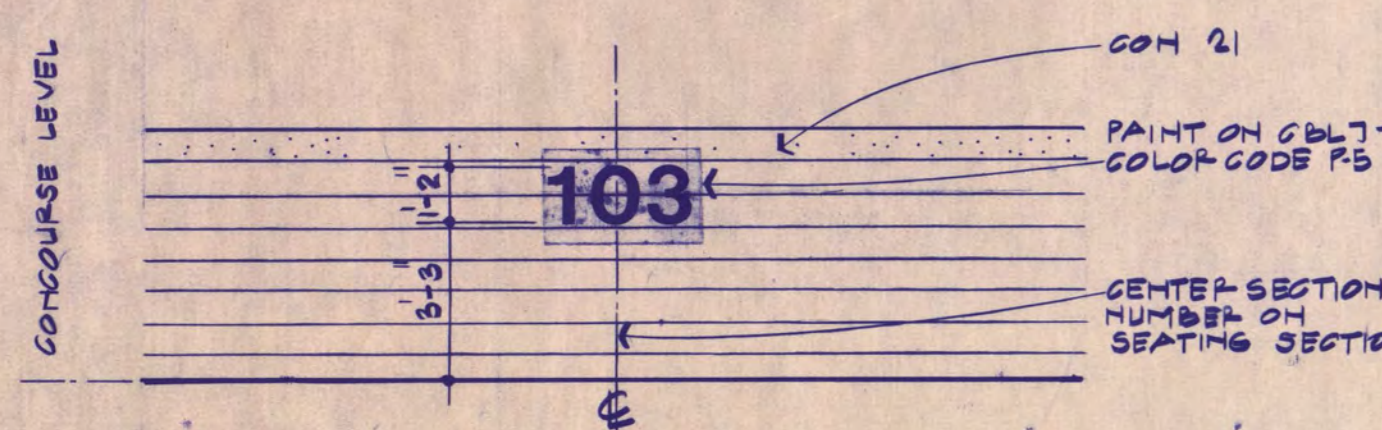
Date SEP. 9, 1988 Comm. No. 8166-871
 In Charge DJE
 Drawn By ESP
 Checked By RSE

AR-1A

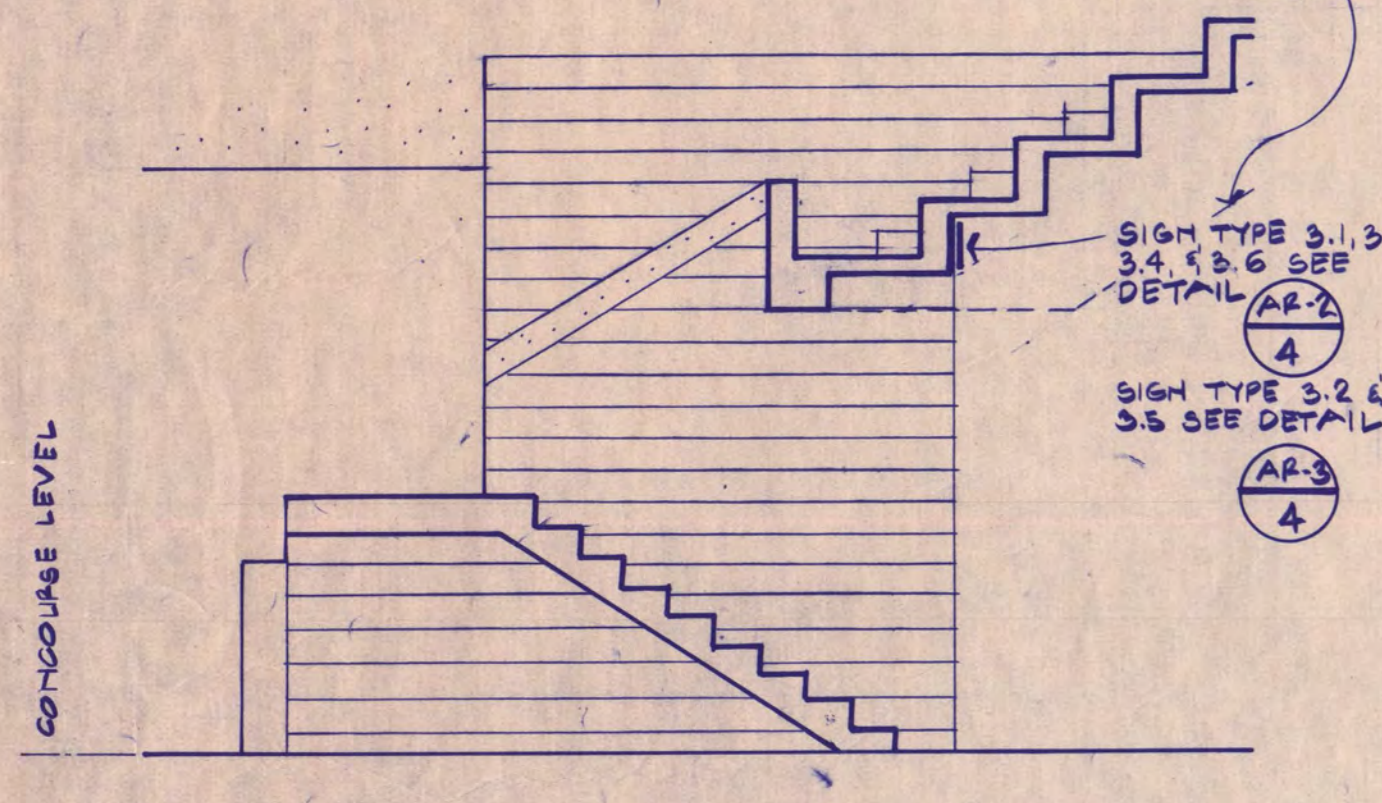
A	A	I	O	3					
A	A	I	O	4					



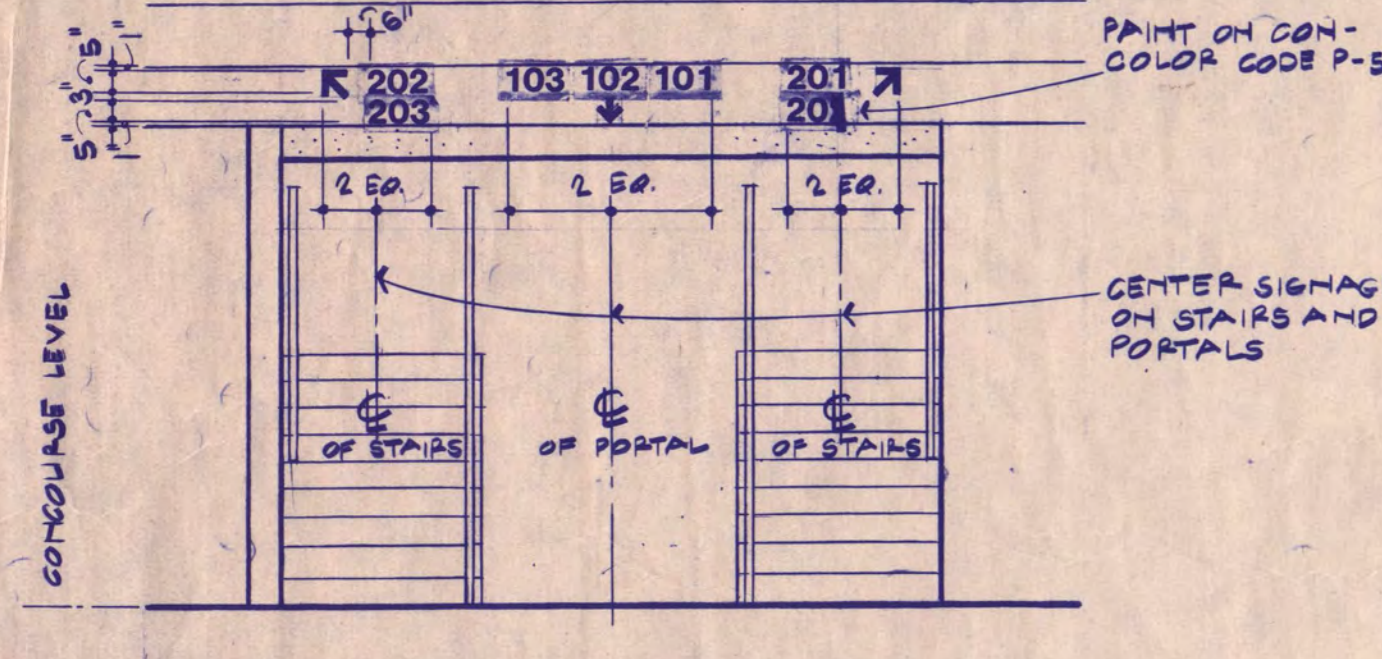
1 SIGN TYPE 1 - TYPICAL
1/4" = 1'-0"



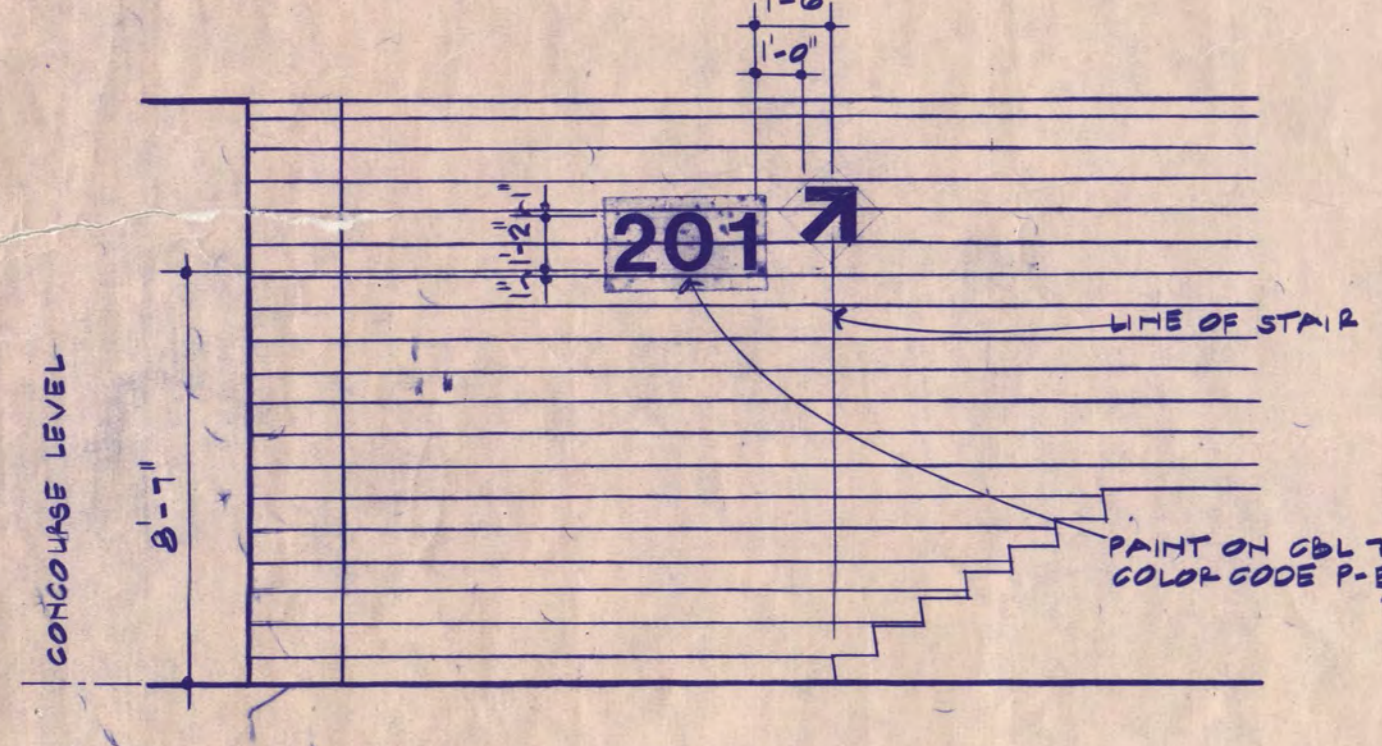
2 SIGN TYPE 6 - TYPICAL
1/4" = 1'-0"



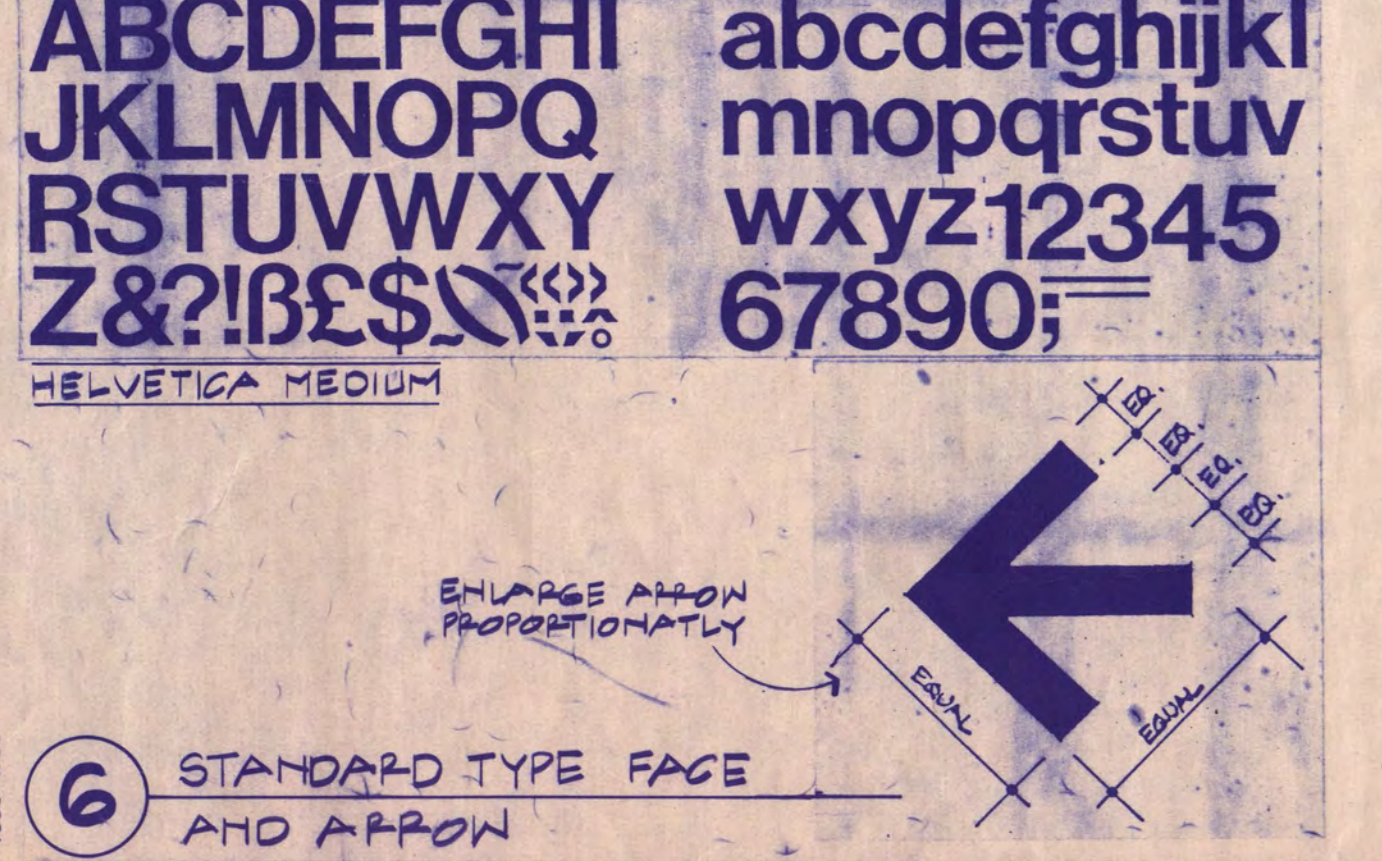
3 SECTION @ SIGN TYPE 3
1/4" = 1'-0"



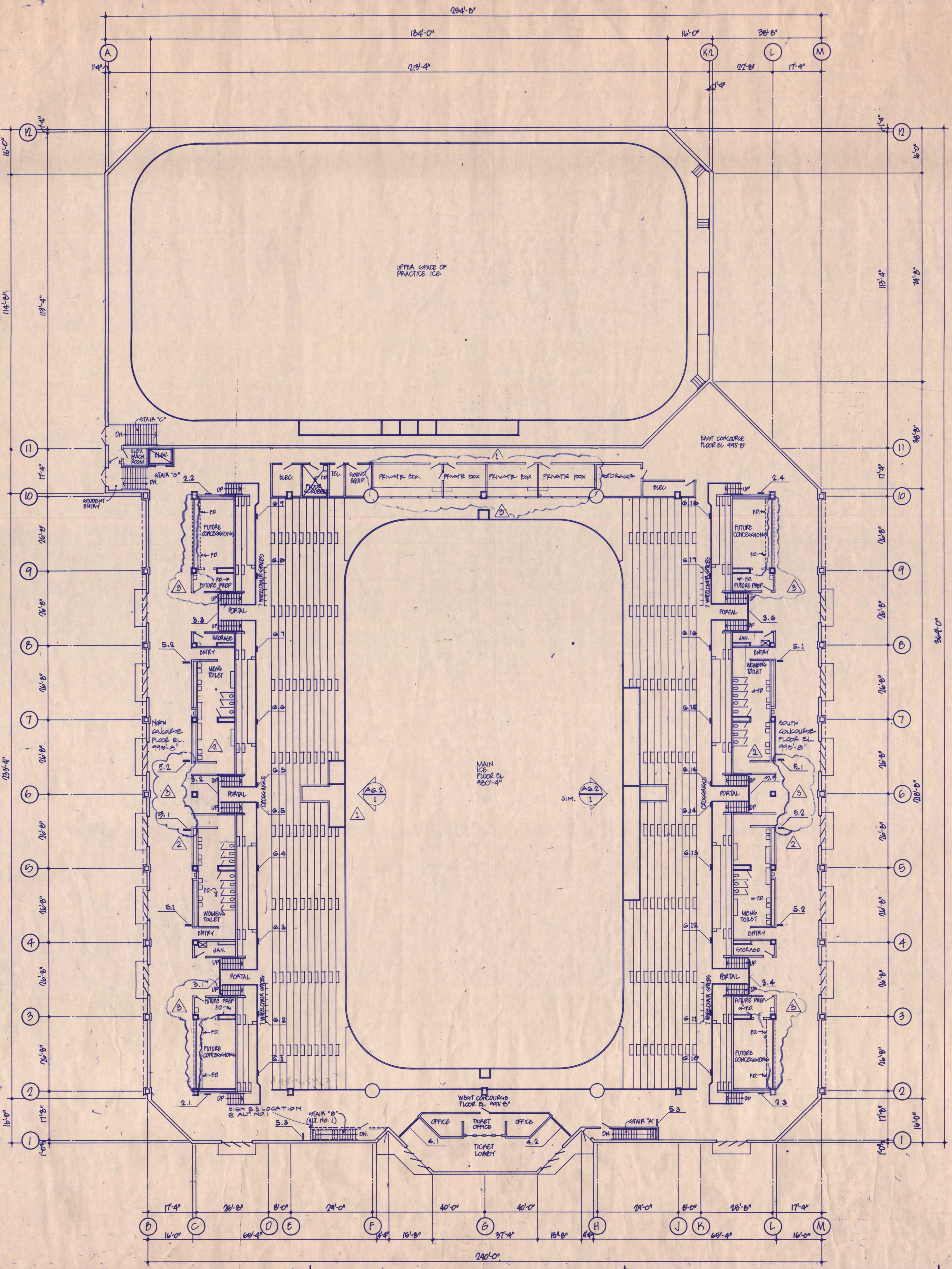
4 SIGN TYPE 3.1, 3.3, 3.4, 3.6
1/4" = 1'-0"



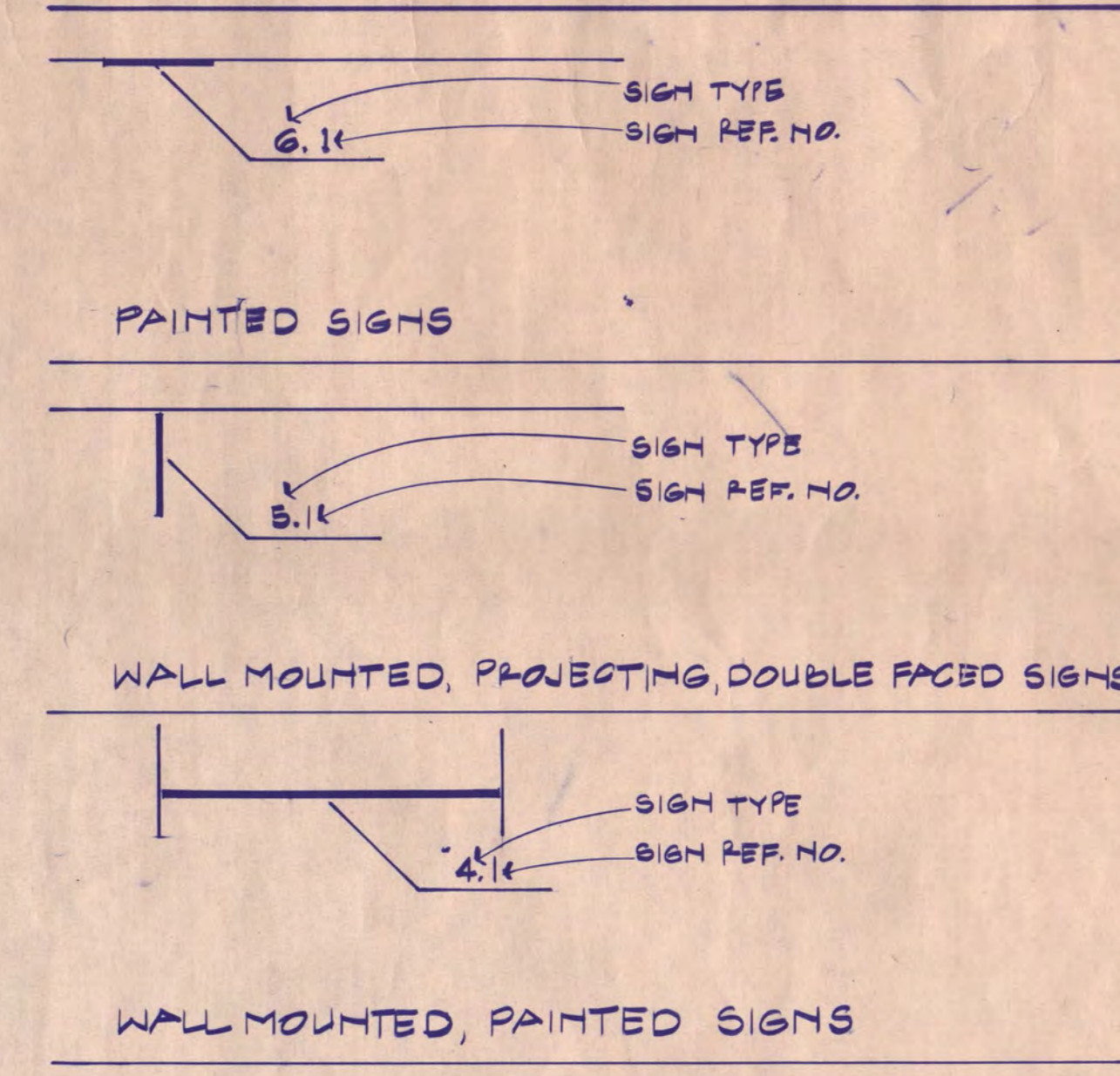
5 SIGN TYPE 2 - TYPICAL
1/4" = 1'-0"



6 STANDARD TYPE FACE AND ARROW



SIGN LOCATION CODE



SIGN SCHEDULE

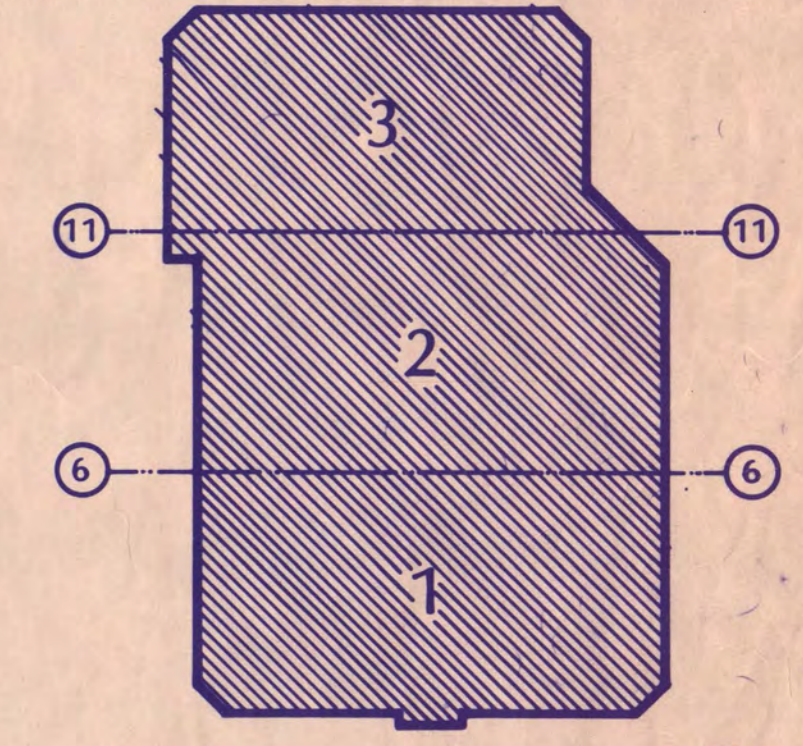
REF. NO.	CONTENT	LOCATIONS
SIGN TYPE 1 - SCHEDULE		
1.1	201	See signage plan AR-2 and detail (AR-2) 1
1.2	202	
1.3	203	
1.4	204	
1.5	205	
1.6	206	
1.7	207	
1.8	208	
1.9	209	
1.10	210	
1.11	211	
1.12	212	
1.13	213	
1.14	214	
SIGN TYPE 2 - SCHEDULE		
2.1	201	See signage plan AR-2 and detail (AR-2) 5
2.2	207	
2.3	208	
2.4	214	
SIGN TYPE 3 - SCHEDULE		
3.1	202, 203, 103, 102, 101, 202, 205, +105, 104, +204	See signage plan AR-2 and details (AR-2) (AR-2) (AR-2) 3 4 4
3.2	204, 106, 105, 203, 205, +105, 104, +204	
3.3	206, 207, 109, 108, 107, 206	
3.4	208, 209, 110, 111, 112, 210	
3.5	210, 113, 114, 211, 211, +114, 115, +212	
3.6	212, 213, 116, 117, 118, 214	
SIGN TYPE 4 - SCHEDULE		
4.1	101-109, 201-207	See signage plan AR-2 and detail (AR-2) 1
4.2	110-118, 208-214	
SIGN TYPE 5 - SCHEDULE		
5.1	Pictograph of female figure WOMEN	See signage plan AR-2 and detail (AR-2) 2
5.2	Pictograph of male figure MEN	
5.3	Pictograph of telephones PHONES	
SIGN TYPE 6 - SCHEDULE		
6.1	101	See signage plan AR-2 and detail (AR-2) 2
6.2	102	
6.3	103	
6.4	104	
6.5	105	
6.6	106	
6.7	107	
6.8	108	
6.9	109	
6.10	110	
6.11	111	
6.12	112	
6.13	113	
6.14	114	
6.15	115	
6.16	116	
6.17	117	
6.18	118	

Revision	Date	No.
00 REVIEW ISSUE	6-8-88	
01 REVIEW ISSUE	7-12-88	
ISSUED FOR BIDDING	9-9-88	
BULLETIN NO. 1	2-13-89	1
BULLETIN NO. 2	5-18-89	2
BULLETIN NO. 4	6-28-89	4

GENERAL NOTES:
 1. THIS PLAN IS INTENDED TO BE USED AS A REFERENCE TOOL ONLY. SOME VARIATION MAY OCCUR BETWEEN THIS PLAN AND THE 1/8" SCALE FLOOR PLANS. THE 1/8" SCALE FLOOR PLANS TAKE PRECEDENCE OVER THIS PLAN.

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Date: 7/12/88 Reg. No. 0161169



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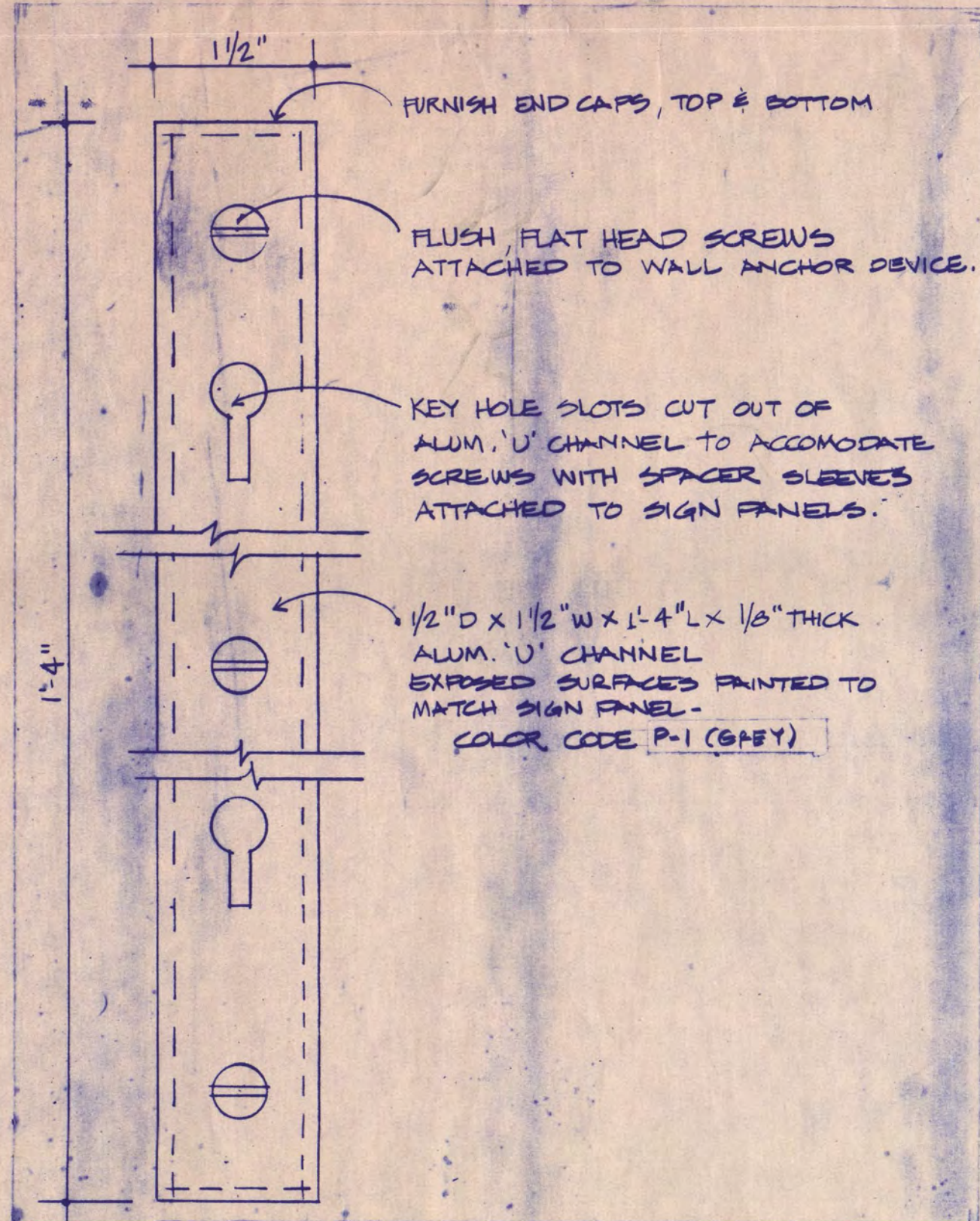
One Appletree Square
 Minneapolis, MN 55425
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CONCOURSE LEVEL REFERENCE AND SIGNAGE PLAN

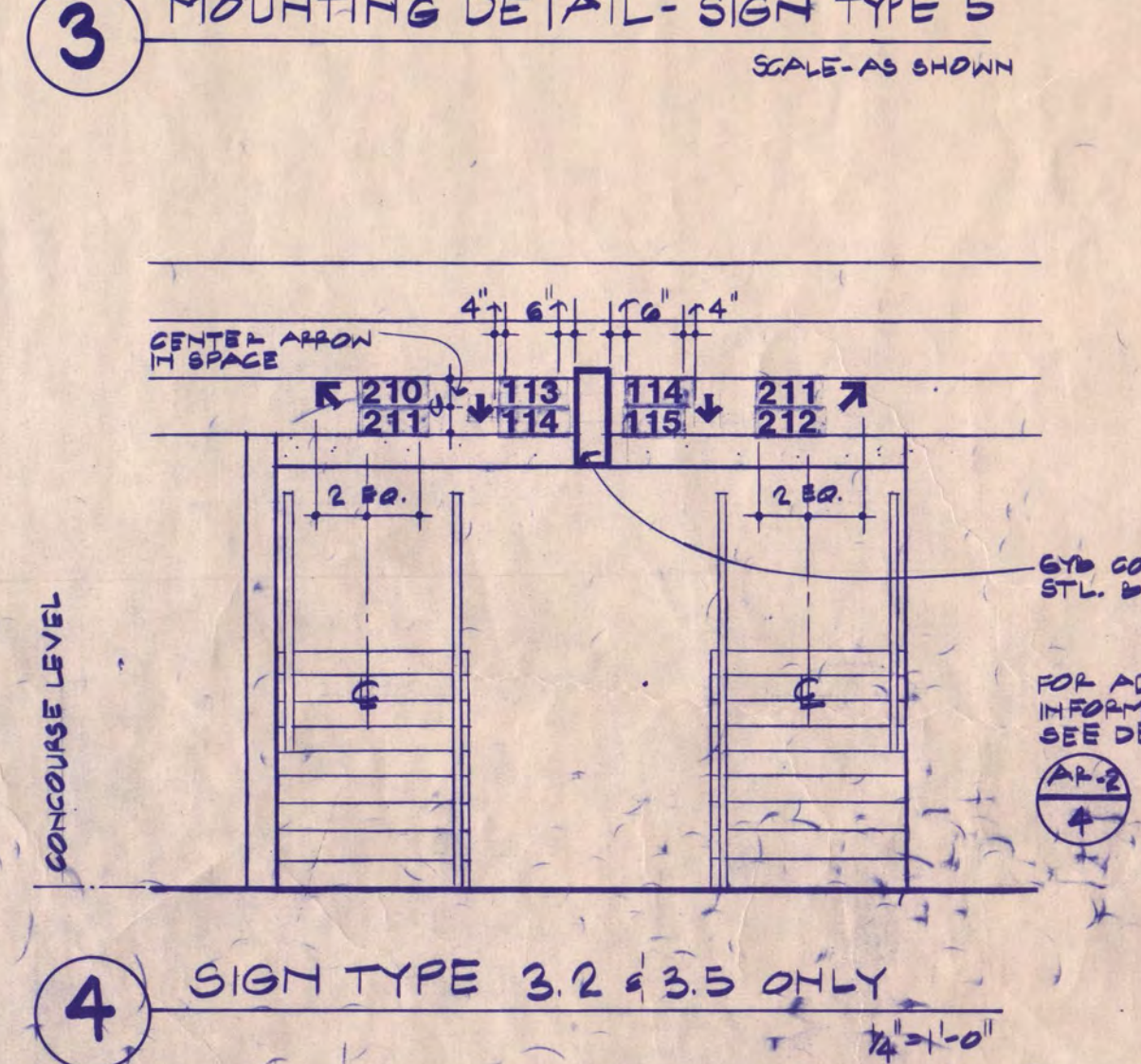
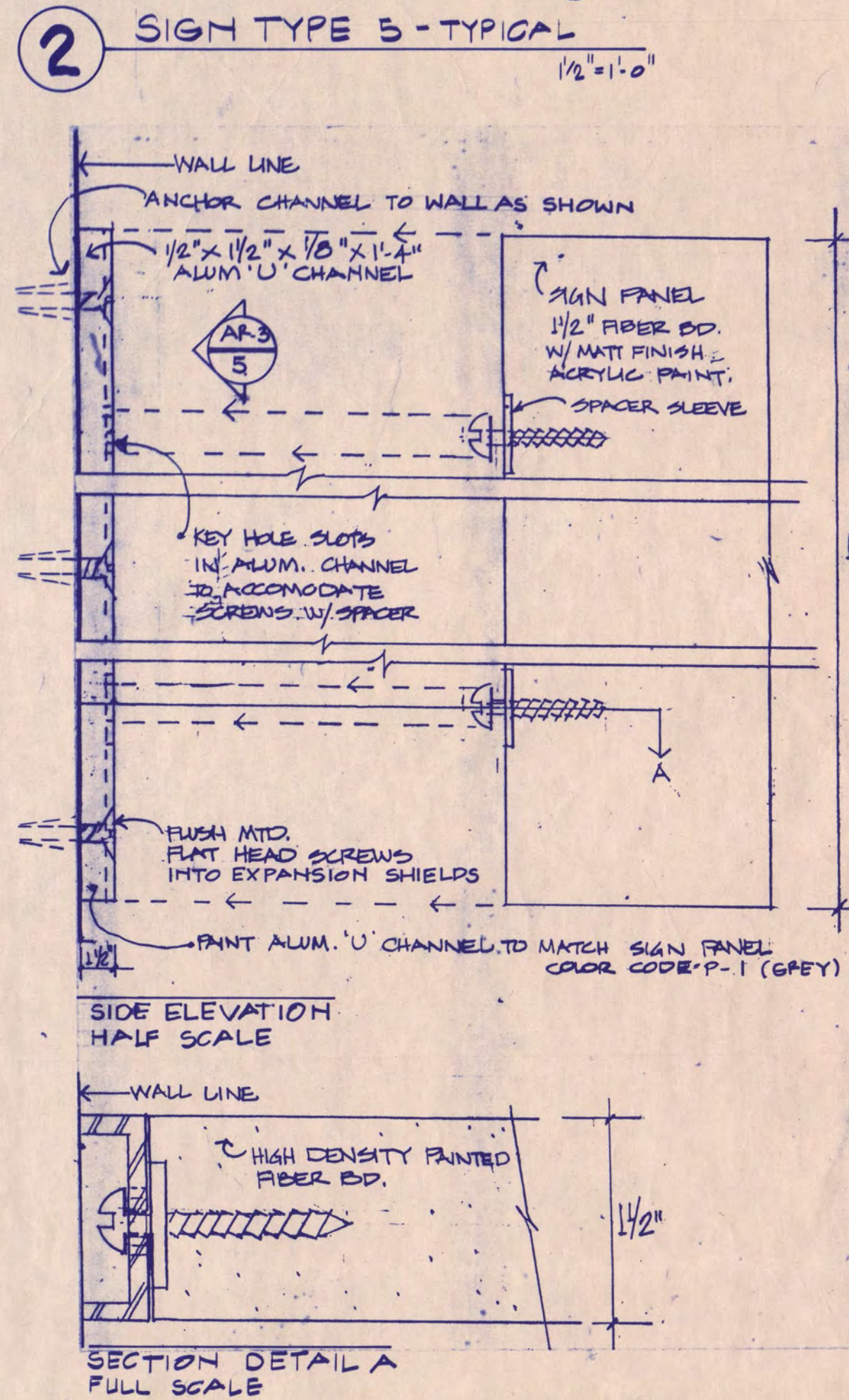
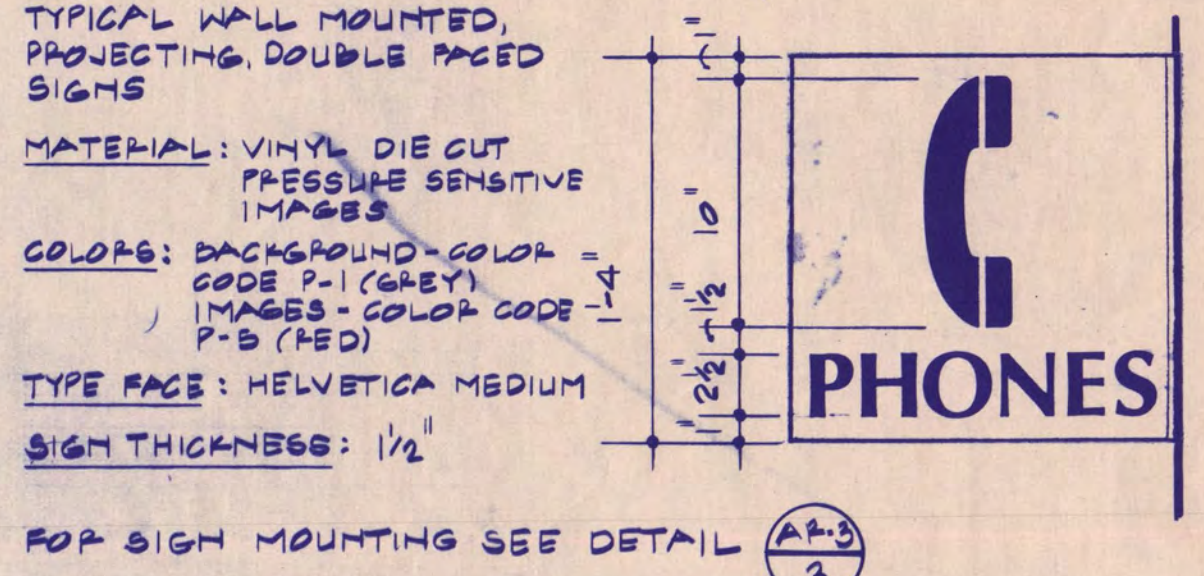
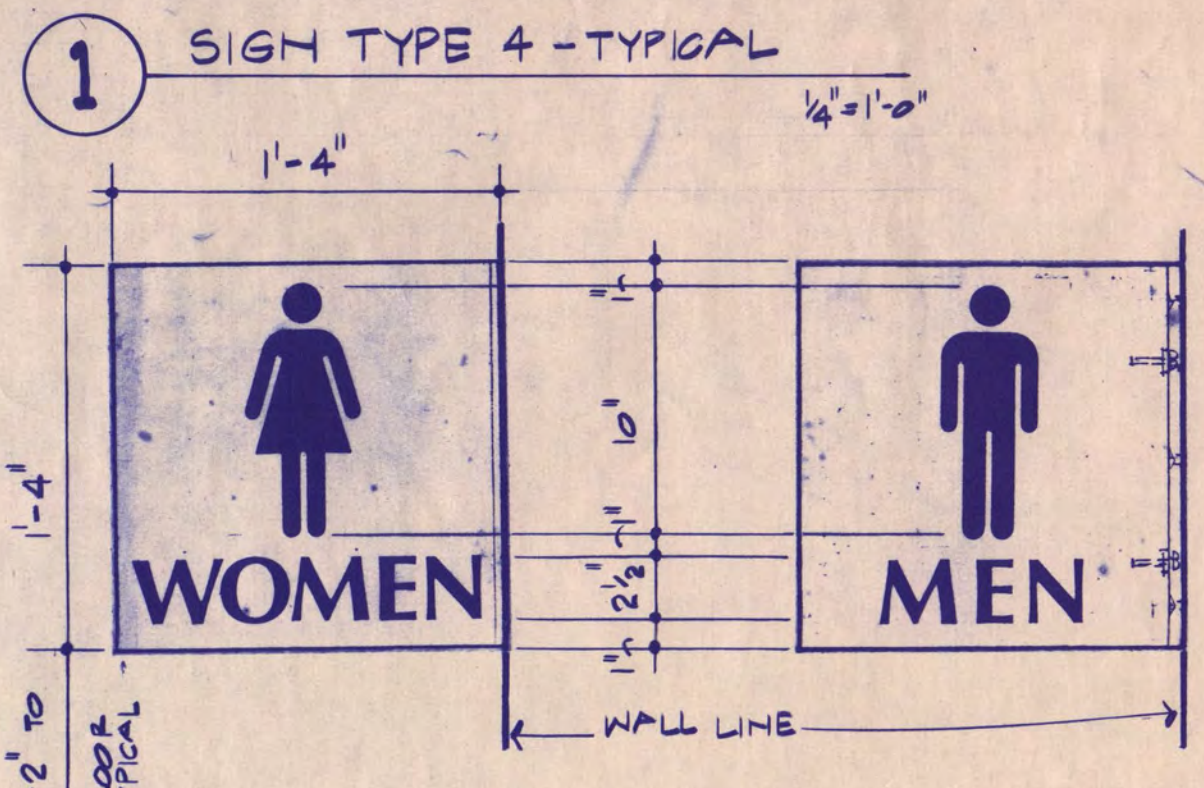
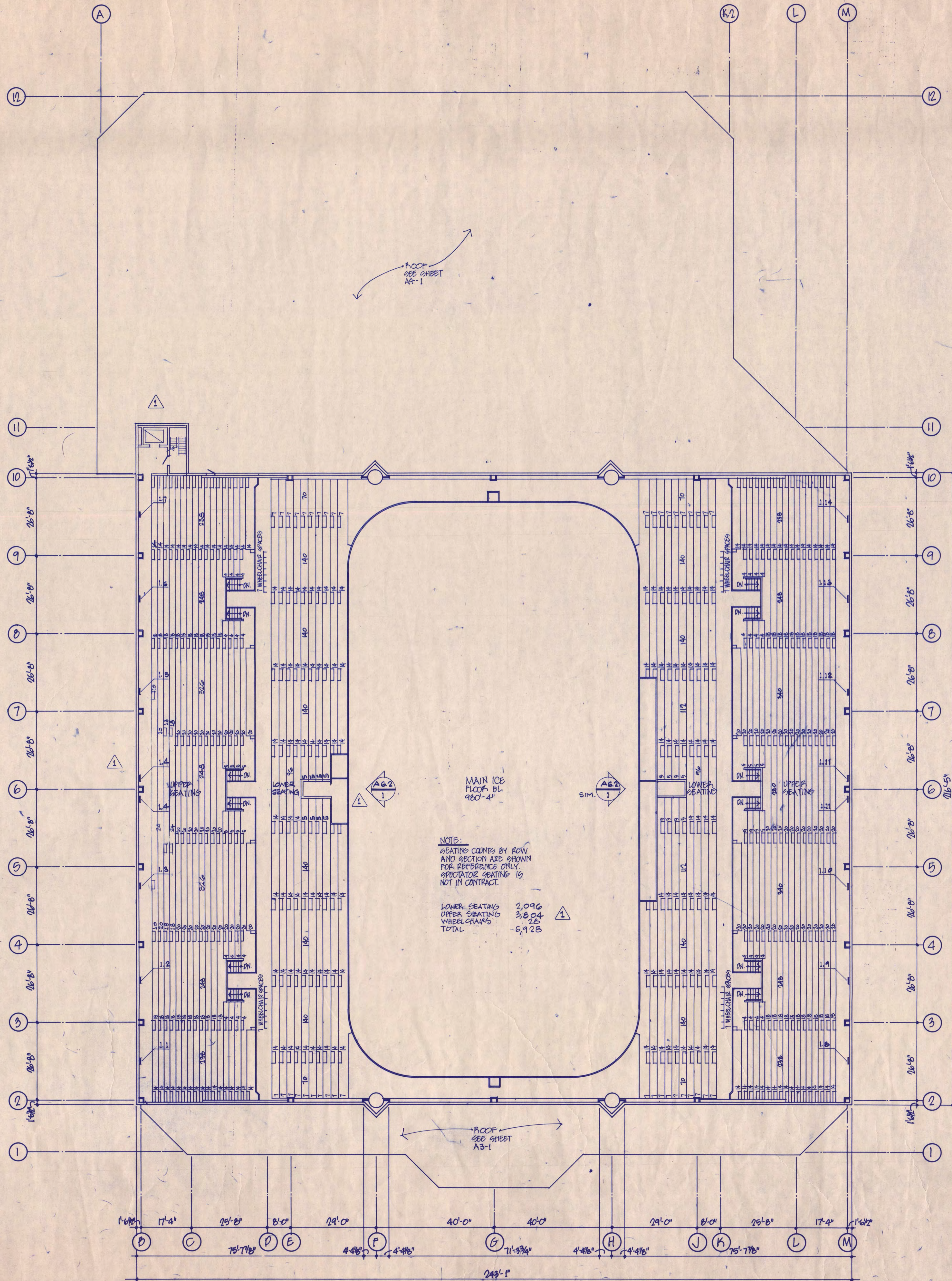
Scale: 1/4" = 1'-0"

Date: SEP. 9, 1988 Comm. No. 8766-B11
 In Charge: DJB
 Drawn By: DFP
 Checked By: RB

AR-2



5 MOUNTING DETAIL - SIGN TYPE B
3/4 SCALE

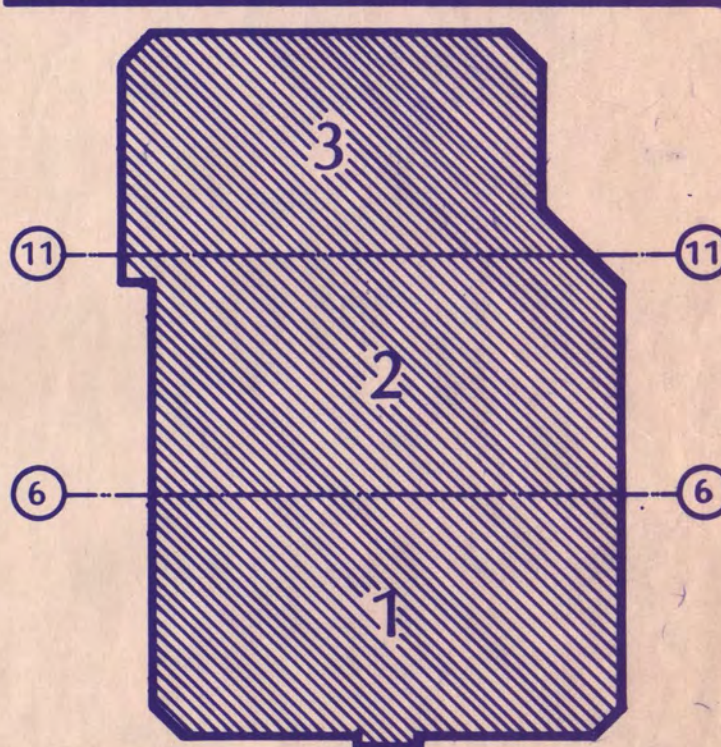


Revision	Date	No.
R.D. REVIEW ISSUE	8-8-88	
R.D. REVIEW REVISION	7-12-88	
ISSUED FOR BIDDING	9-9-88	
BULLETIN NO. 1	2-18-89	

GENERAL NOTES:
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Date 7/10/88 Reg. No. 016169



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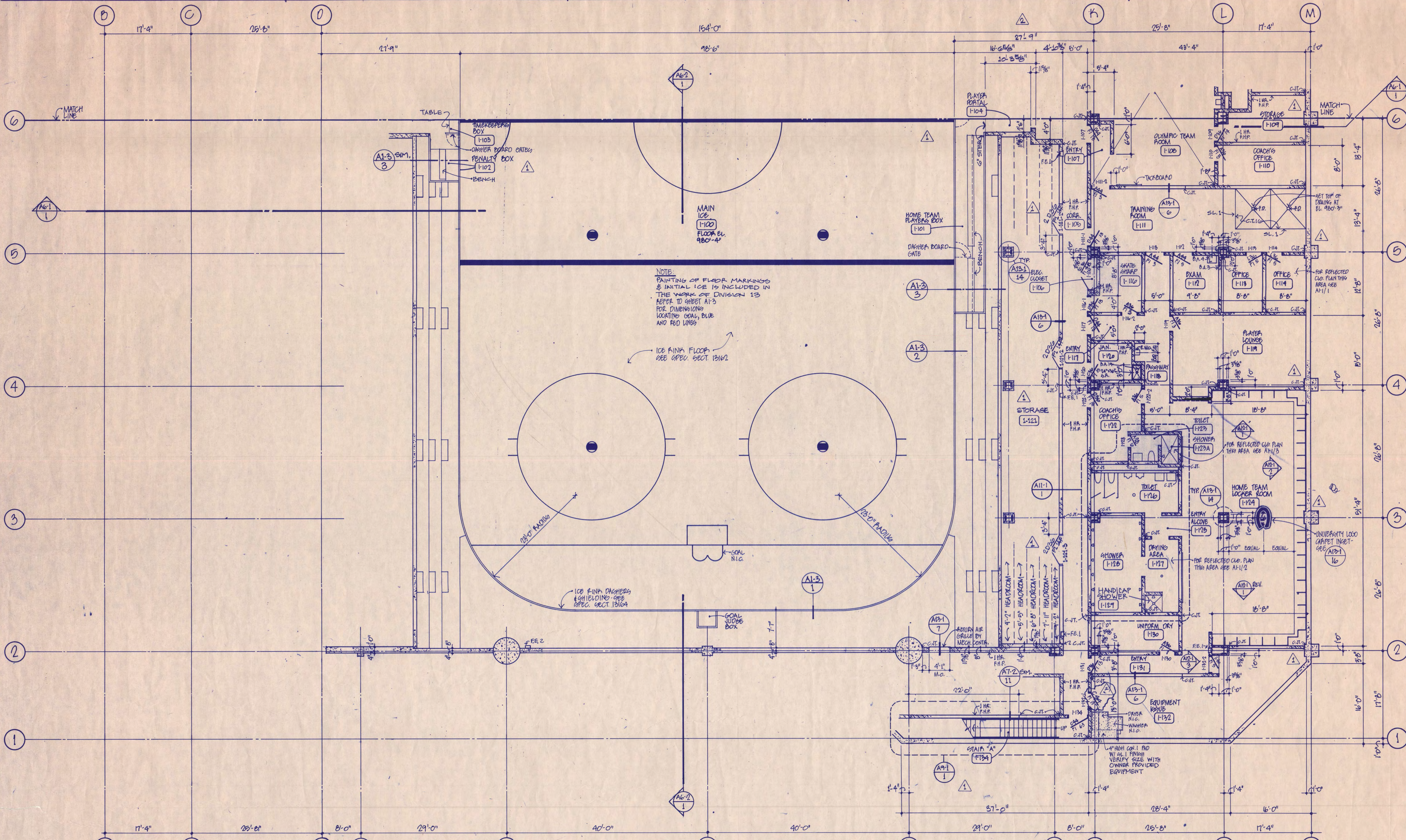
UPPER SEATING LEVEL
REFERENCE AND SIGNAGE PLAN

Scale 1/4" = 1'-0"

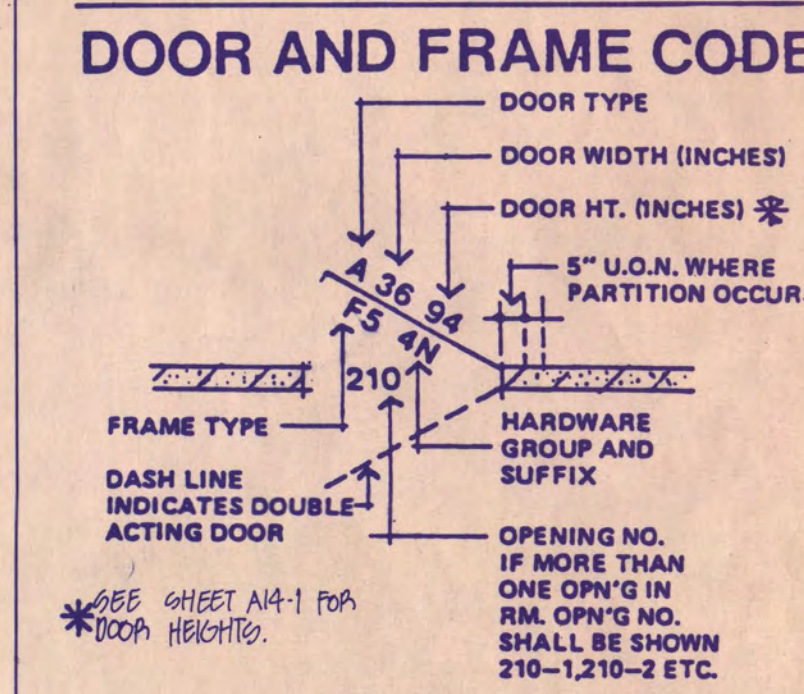
Date SEP 3, 1988 Comm. No. 5760-511

In Charge DTE
Drawn By RFP
Checked By RFP

AR-3



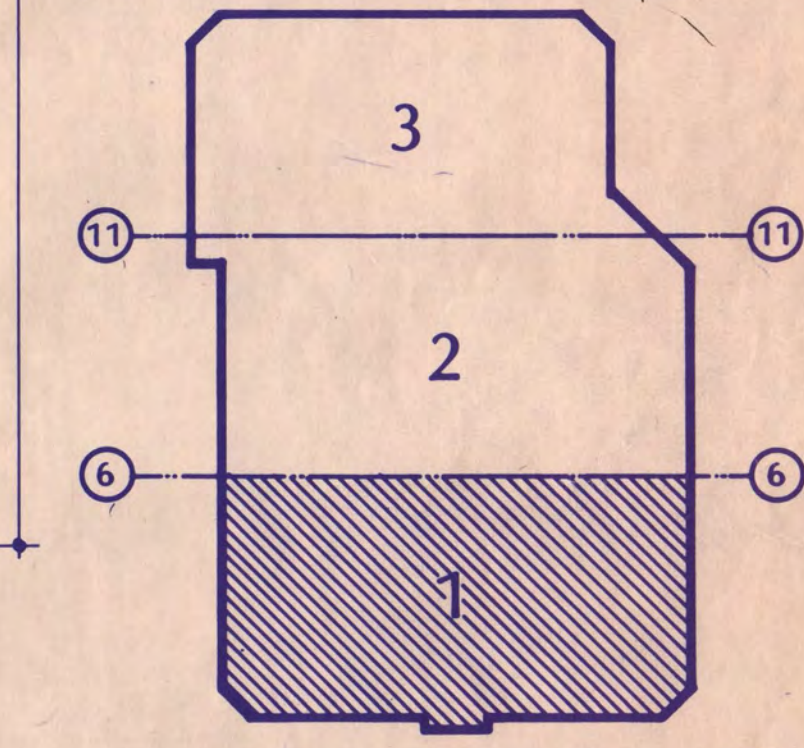
Revision	Date	No.
01. REVISION ISSUE	6-8-88	
02. REVISION ISSUE	7-12-88	
03. REVISED FOR BIDDING	9-9-88	
BULLETIN NO. 1	3-10-89	
BULLETIN NO. 2	4-12-89	
AS BUILTS		



- DOOR OPENING**
- GENERAL NOTES:**
- UNLESS NOTED OR DETAILED OTHERWISE, ALL INTERIOR PARTITIONS SHOWN ON THIS SHEET ARE OF CONCRETE BLOCK.
 - SEE SHEET A1-1 FOR DOOR TYPES AND FRAME ELEVATIONS.
 - UNLESS NOTED OR DETAILED OTHERWISE, ALL INTERIOR PARTITIONS SHOWN ON THIS SHEET SHALL BE FULL HEIGHT.
 - UNLESS NOTED OR DETAILED OTHERWISE, ALL CONCRETE BLOCK ENCLLOSING OTHER ROOMS SHALL BE 1-HOUR FIRE-RATED.
 - FOR TYPICAL CONCRETE BLOCK CONTROL JOINT DETAILS SEE A13-1/1, A13-1/2 AND A13-1/3.
 - PIPEOT COURSE OF ALL ODBL WALLS SHALL BE 6" HIGH AND HAVE FLUSH VERTICAL JOINTS.

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Registered Architect under the laws of the State of Minnesota.

James J. Miller
 Date: 9/9/88 Reg. No. 0161169



KEY PLAN

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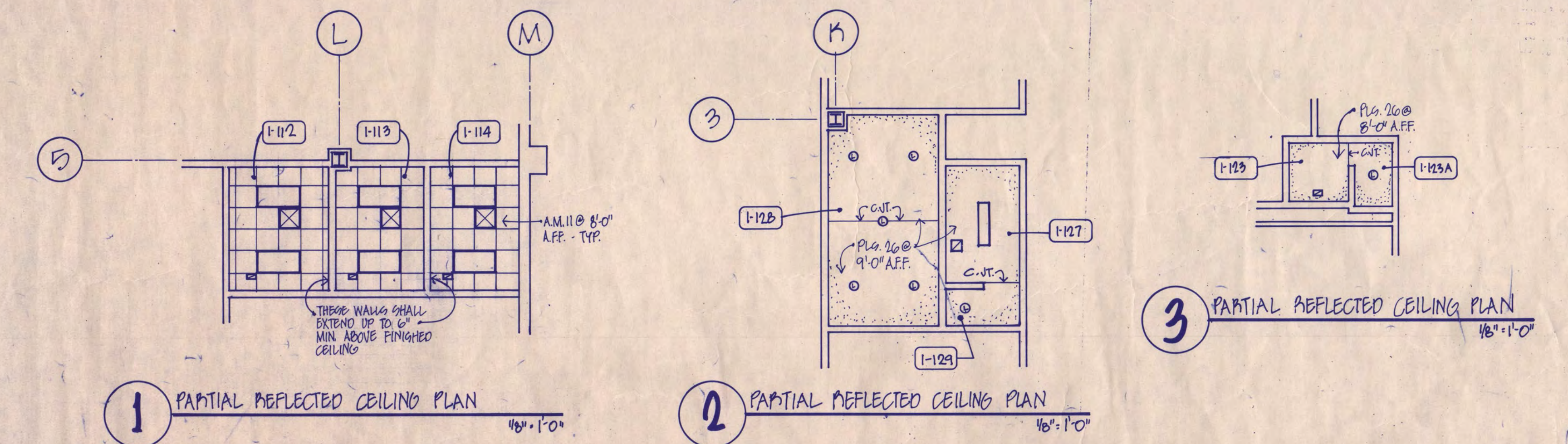
BASEMENT LEVEL FLOOR PLAN AREA 1

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

Date: SEP 9, 1988 Comm. No. 5760-571
 In Charge: DE
 Drawn By: RF
 Checked By: RE

KEY TO REFLECTED CEILING PLANS

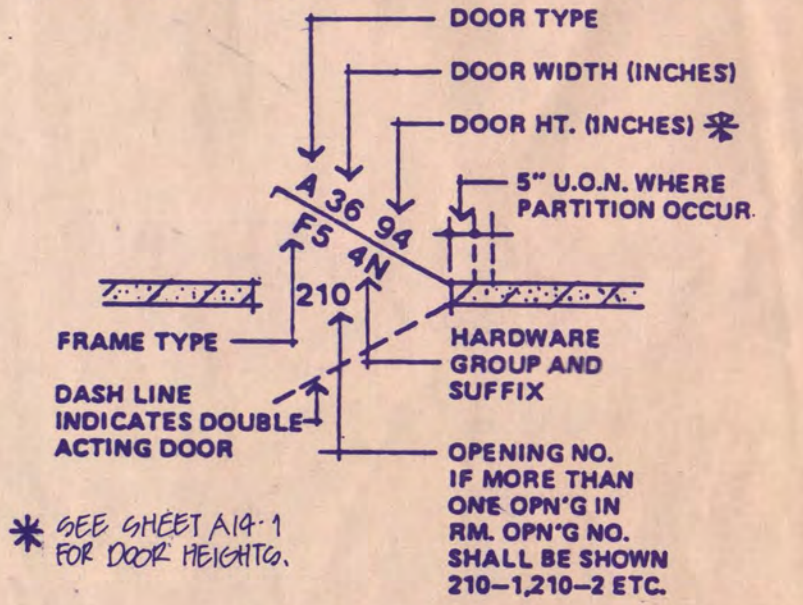
- FLUORESCENT LIGHT FIXTURE
- INCANDESCENT LIGHT FIXTURE
- EXIT LIGHT
- SUPPLY AIR DIFFUSER
- LINEAR DIFFUSER
- RETURN AIR GRILLE
- SMOKE OR IONIZATION DETECTOR
- FIRE ALARM
- SPEAKER
- SPRINKLER HEAD



C
A1101
A1102
A1104
M
E
S
I

Revision	Date	No.
02 REVIEW 1988	6-8-88	
03 REVIEW 1988	7-12-88	
ISSUED FOR BIDDING	9-9-88	
BULLETIN NO. 1	2-10-89	
BULLETIN NO. 2	4-30-89	
AS BUILT		

DOOR AND FRAME CODE

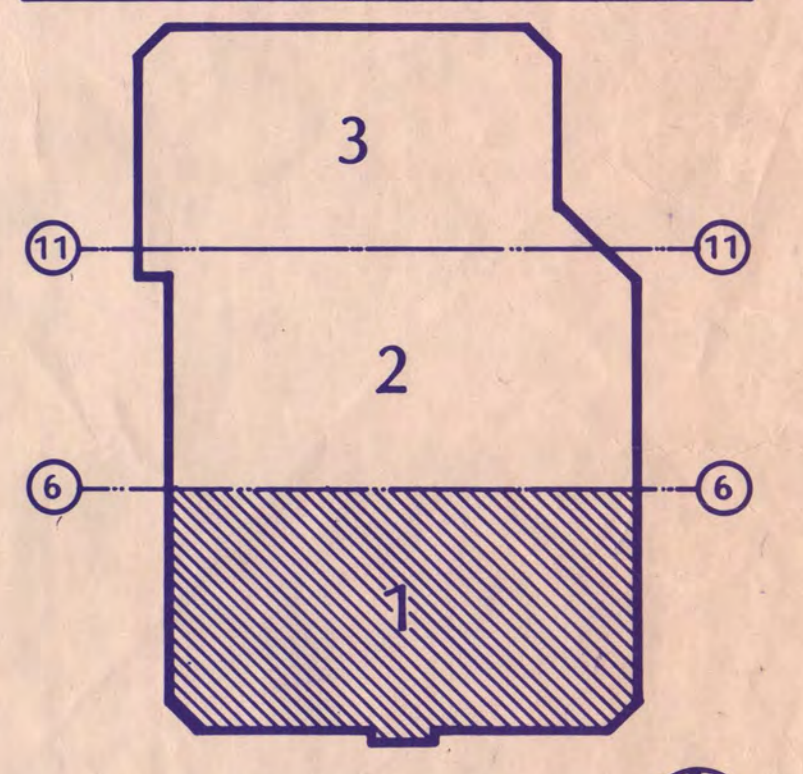


DOOR OPENING

GENERAL NOTES:
1. SEE SHEET A1-1 FOR ADDITIONAL INFORMATION.

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Date: 11/1/88 Reg. No. 0161169



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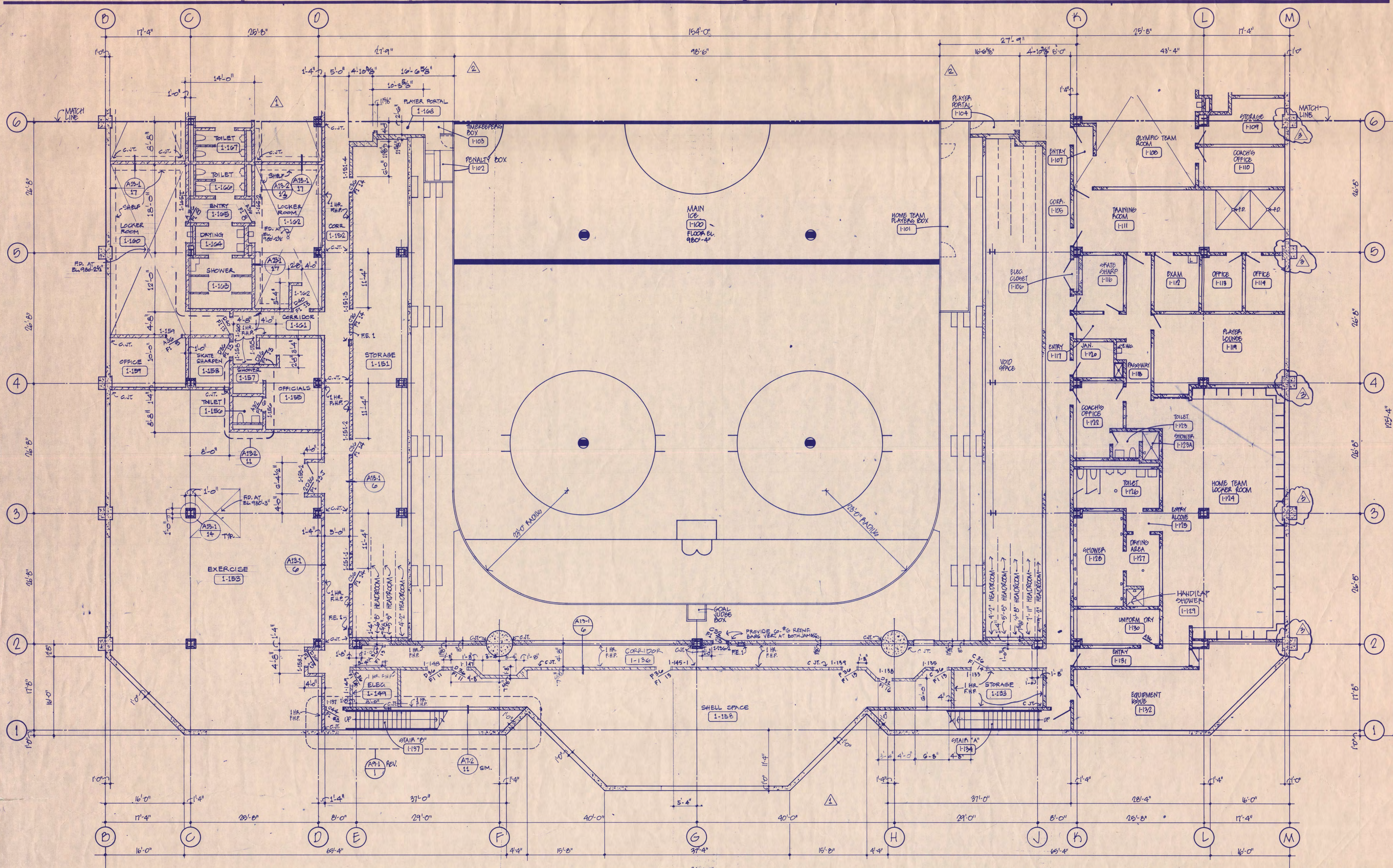
One Appletree Square
Minneapolis, MN 55425
(612) 853-2000
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BASEMENT LEVEL FLOOR PLAN AREA 1
ALTERNATE NO. 1

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

Date: SEP. 7, 1988 Comm. No. 5166-871
In Charge: DTE
Drawn By: RPP
Checked By: RBE

A1-1A

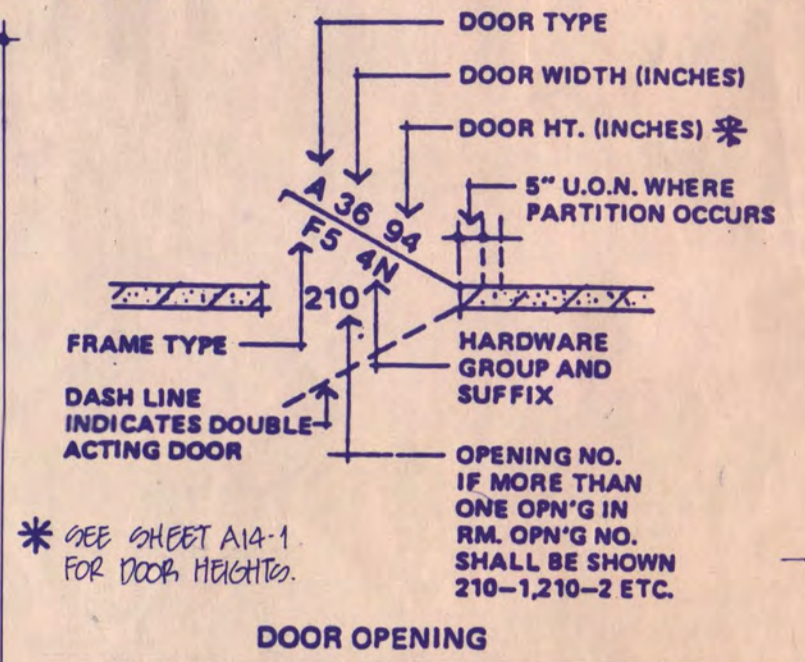


ROOM FINISH SCHEDULE

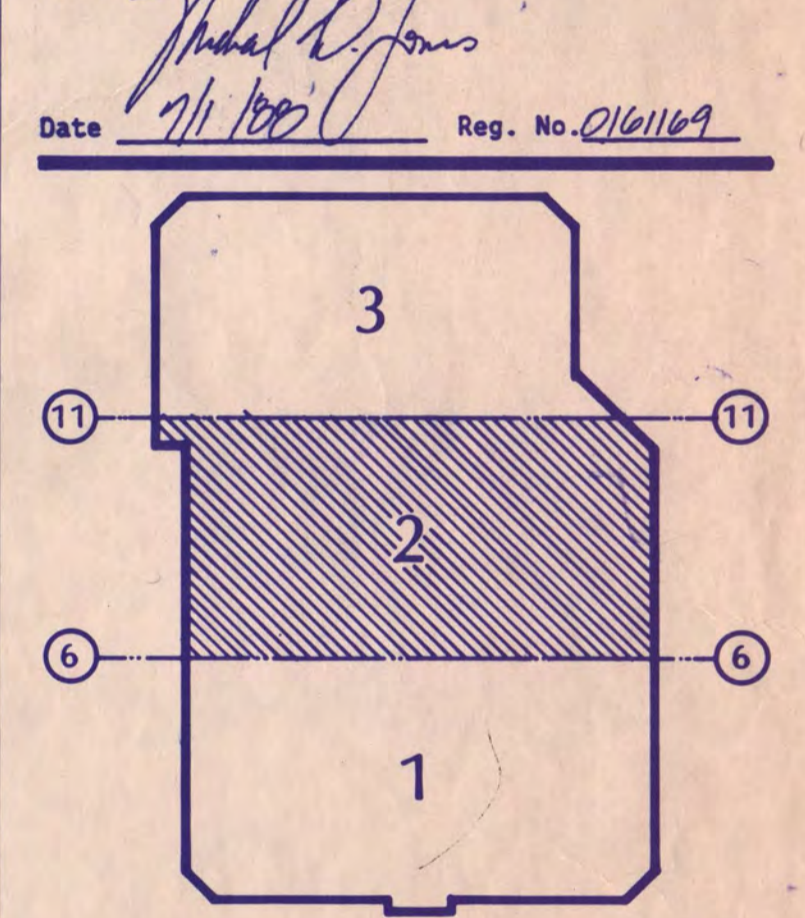
ROOM NO.	ROOM NAME	FLOOR MATL	FLOOR FIN	BASE	WALLS MATL	WALLS FIN	CEILING MATL	CEILING FIN	HT	COLUMN MATL	COLUMN FIN	REMARKS
1-143	NOT USED											
1-144	NOT USED											
1-145	NOT USED											
1-146	NOT USED											
1-147	NOT USED											
1-148	NOT USED											
1-149	ELECTRICAL	CON. 1	SL. 1	-	CSL. 7	-	P.C.	-	12'-0"	-	-	
1-150	NOT USED											
1-151	STORAGE	CON. 1	SL. 1	-	CSL. 7	-	P.C.	STS. 0	VARIABLE	CSL. 7	-	NOTE 11
1-152	CORRIDOR	CON. 1	SL. 1	-	CSL. 7	-	P.C.	STS. 0	VARIABLE	-	-	NOTE 11
1-153	EXERCISE	CON. 1	SL. 1	-	CSL. 7	CON. 10	-	P.C.	STS. 0	12'-0"	CSL. 7	NOTE 11
1-154	NOT USED											
1-155	OFFICIALS	CON. 1	SL. 1	-	CSL. 7	-	P.C.	STS. 0	12'-0"	CSL. 7	-	NOTE 11
1-156	TOILET	CON. 1	-	-	CSL. 7	-	P.C.	-	12'-0"	-	-	NOTE 11
1-157	SHOWER	CON. 1	-	-	CSL. 7	-	PLS. 20'	-	6'-0"	-	-	NOTE 11
1-158	SKATE - SHARPEN	CON. 1	SL. 1	-	CSL. 7	-	P.C.	STS. 0	12'-0"	CSL. 7	-	NOTE 11
1-159	OFFICE	CON. 1	SL. 1	-	CSL. 7	CON. 10	-	P.C.	STS. 0	12'-0"	CSL. 7	NOTE 11
1-160	LOCKER ROOM	CON. 1	SL. 1	-	CSL. 7	CON. 10	-	P.C.	STS. 0	12'-0"	CSL. 7	NOTE 11
1-161	CORRIDOR	CON. 1	SL. 1	-	CSL. 7	-	P.C.	STS. 0	12'-0"	-	-	NOTE 11
1-162	LOCKER ROOM	CON. 1	SL. 1	-	CSL. 7	-	P.C.	STS. 0	12'-0"	CSL. 7	-	NOTE 11
1-163	SHOWER	CON. 1	-	-	CSL. 7	-	PLS. 20'	-	9'-0"	-	-	NOTE 11
1-164	DRYING	CON. 1	-	-	CSL. 7	-	PLS. 20'	-	9'-0"	-	-	NOTE 11
1-165	ENTRY	CON. 1	-	-	CSL. 7	-	P.C.	STS. 0	-	-	-	NOTE 11
1-166	TOILET	CON. 1	-	-	CSL. 7	-	P.C.	STS. 0	-	-	-	NOTE 11
1-167	TOILET	CON. 1	-	-	CSL. 7	-	P.C.	STS. 0	-	-	-	NOTE 11
1-168	PLAYER PORTAL	CON. 1	SL. 1	-	CSL. 7	-	CON. 10	-	VARIABLE	-	-	

Revision	Date	No.
0.0 REVIEW	8-8-88	
0.1 REVIEW	7-12-88	
ISSUED FOR BIDDING	9-9-88	
BULLETIN NO. 1	3-10-89	
BULLETIN NO. 2	4-12-89	
AS BUILT		

DOOR AND FRAME CODE



- GENERAL NOTES:**
- UNLESS NOTED OR DETAILED OTHERWISE, ALL INTERIOR PARTITIONS SHOWN ON THIS SHEET ARE OF CONCRETE BLOCK.
 - UNLESS NOTED OR DETAILED OTHERWISE, ALL INTERIOR PARTITIONS SHOWN ON THIS SHEET SHALL BE FULL HEIGHT.
 - SEE SHEET A14-1 FOR DOOR TYPES AND FRAME ELEVATIONS.
 - UNLESS NOTED OR DETAILED OTHERWISE, ALL CONCRETE BLOCK ENCLLOSING OTTEL COLUMNS SHALL BE 1-HOUR FIRE RATED.
 - FOR TYPICAL CONCRETE BLOCK CONTROL JOINT DETAILS SEE (A13-1) (A13-2) (A13-3)
 - FOR TYPICAL DETAIL OF CONCRETE BLOCK AT OTTEL COLUMN SEE (A13-4)
 - FIRST COURSE OF ALL CON. WALLS SHALL BE 6" HIGH ABOVE EL. 980'-0".



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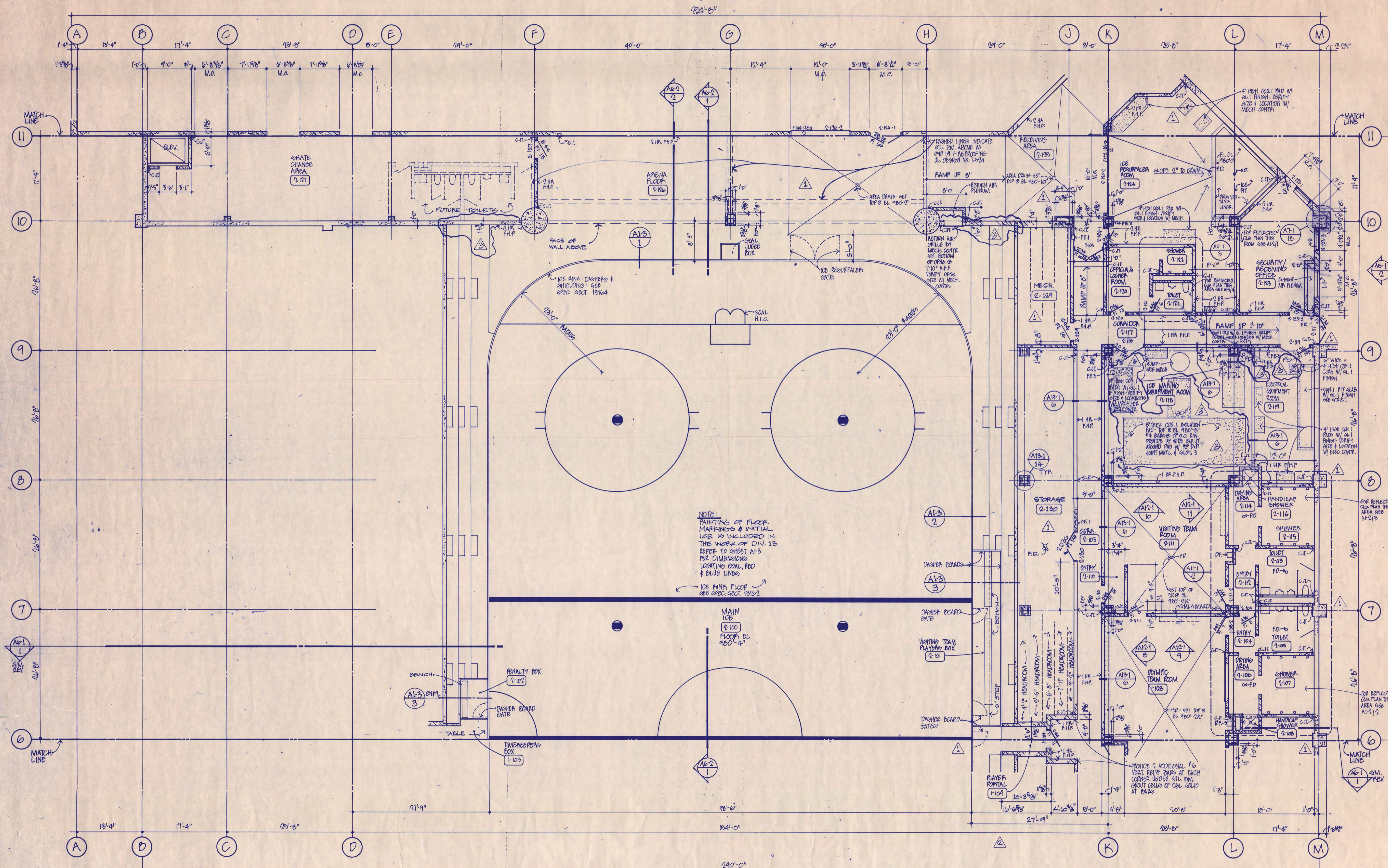
ST. CLOUD STATE UNIVERSITY
ST. CLOUD, MINNESOTA

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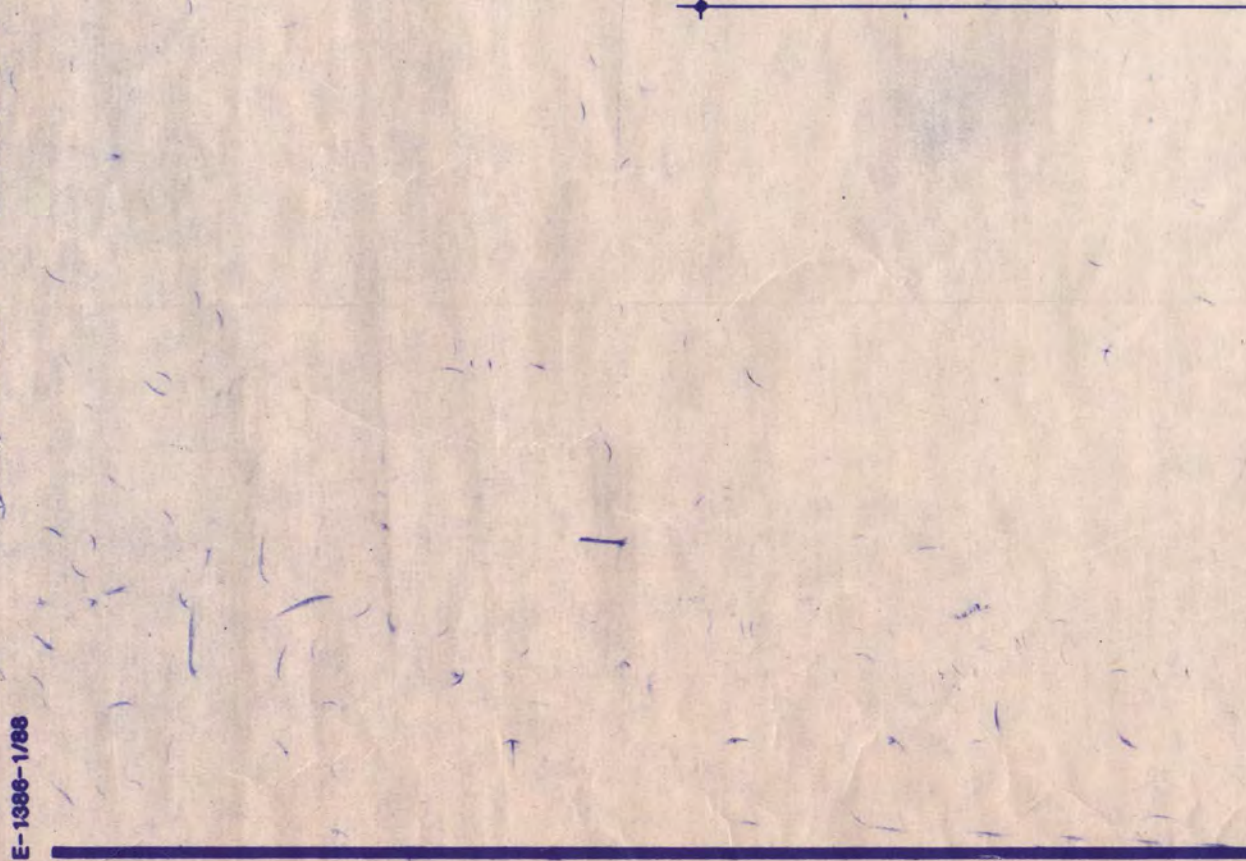
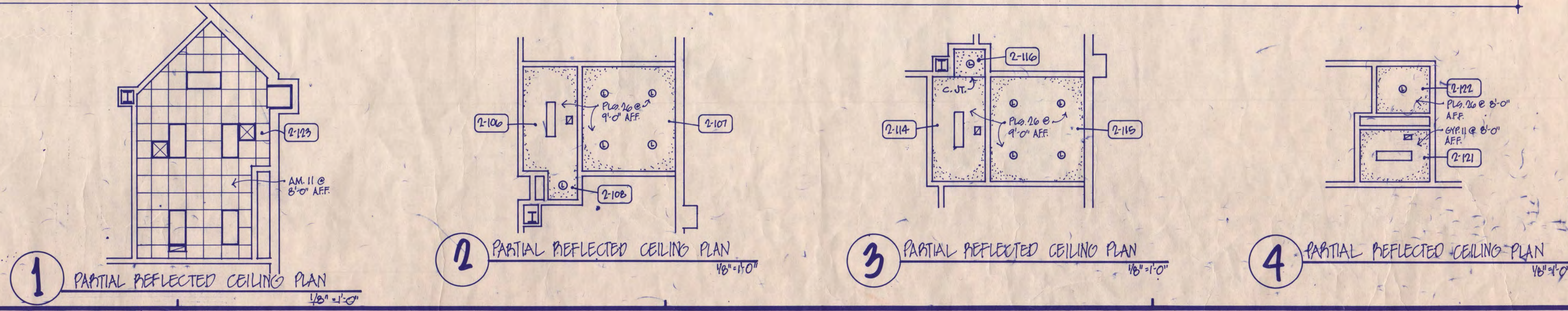
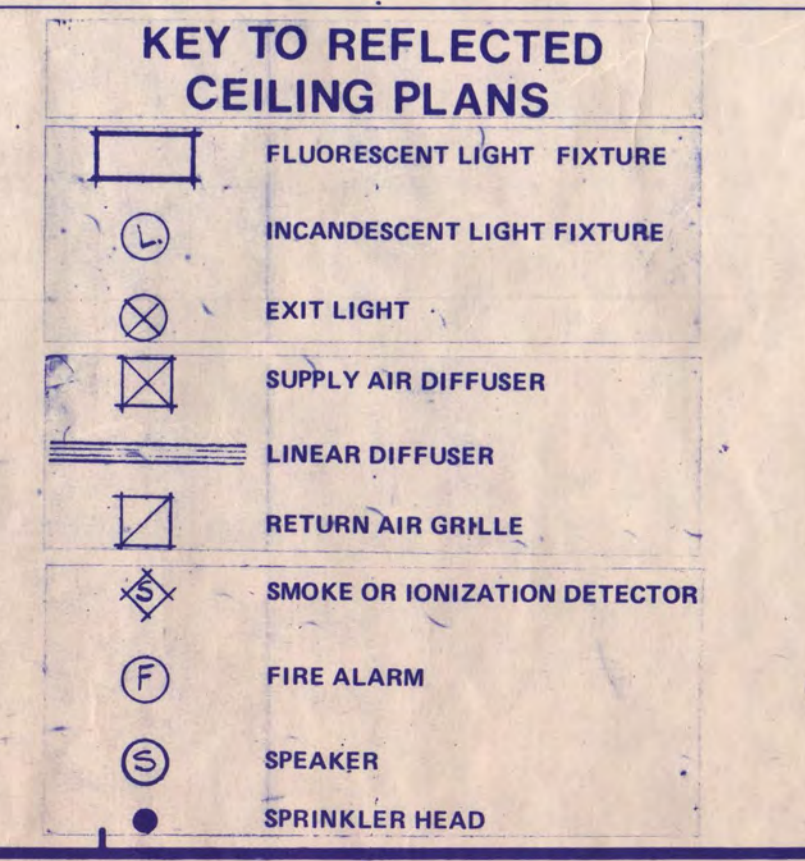
One Appletree Square
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BASEMENT LEVEL FLOOR PLAN AREA 2

Scale 1/8" = 1'-0"
Date SEP 3, 1988 Comm. No. 876-871
In Charge DTE
Drawn By BPT
Checked By RB



NOTE:
PAINTINGS OF FLOOR MARKINGS & INITIAL ICE IS INCLUDED IN THE WORK OF DIV. 13 REFER TO SHEET A1-3 FOR DIMENSIONS LOCATING GOAL, RED & BLUE LINES
ICE PINNA FLOOR SEE SPEC SECT 13101



E-1000-1/88

A1-2