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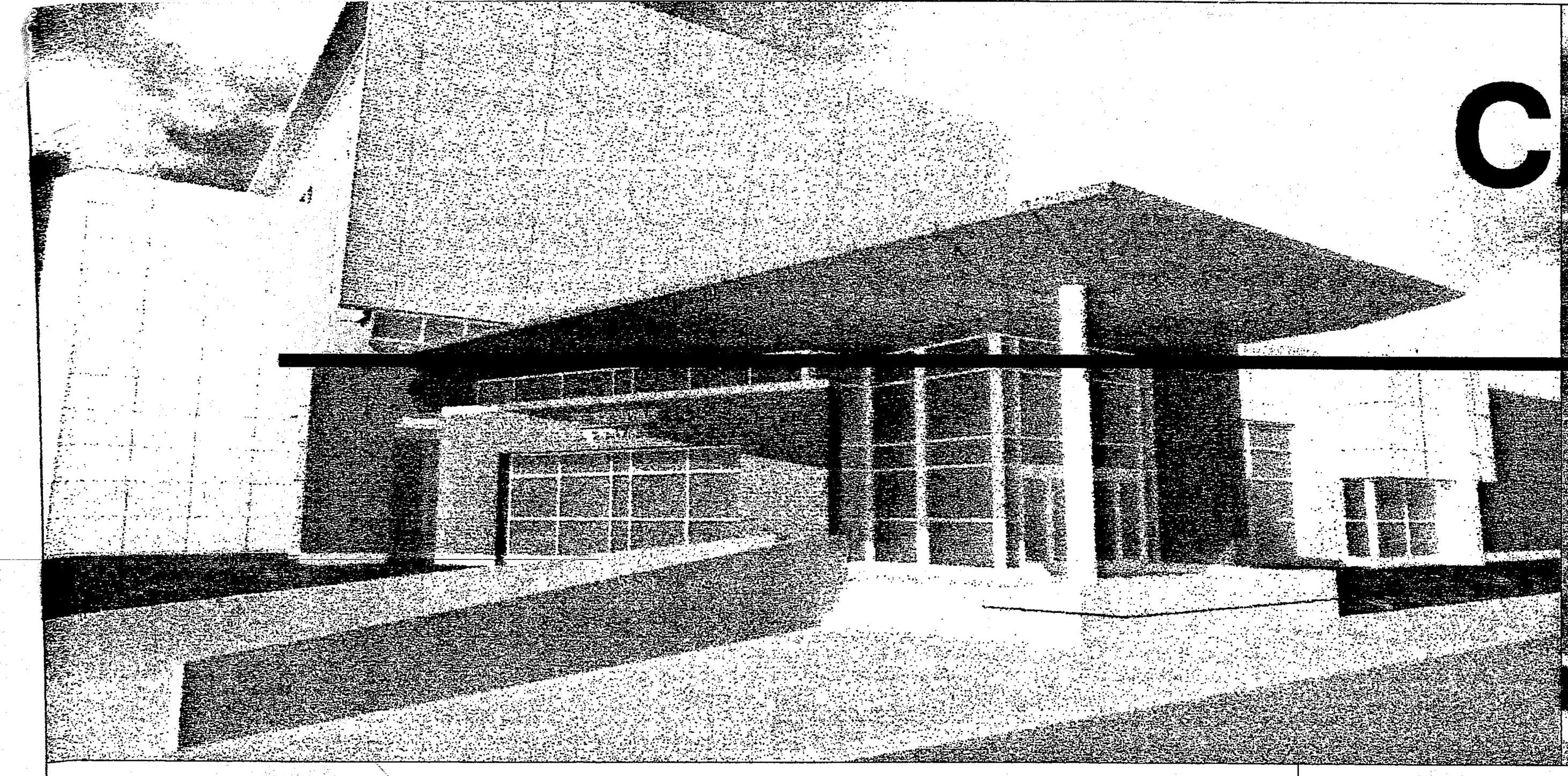
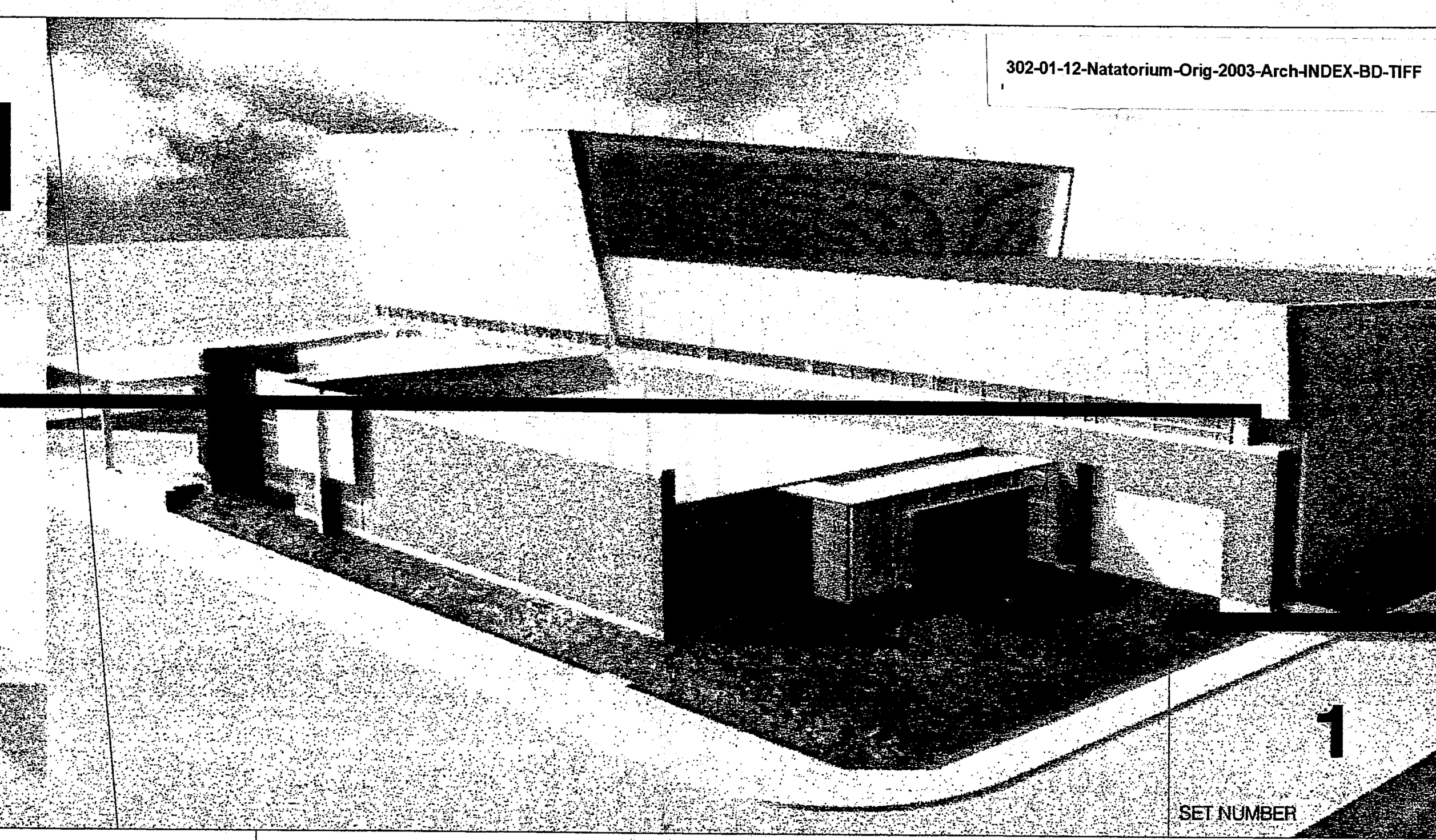


CARDINAL PARK NATATORIUM

UNIVERSITY OF LOUISVILLE

LOUISVILLE, KENTUCKY

CONSTRUCTION DOCUMENTS



1

SET NUMBER

BROWNING DAY MULLINS DIERDORF ARCHITECTS

Browning Day Mullins Dierdorf Architects
Architecture
Landscape Architecture
Planning

334 North Senate Avenue
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Structural Engineers

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E-Mail: dmckinnon@skees.com

ABBREVIATIONS

A/C - air conditioning
ACOUS - acoustic(al)
ACT - acoustical tile
AD - area drain
AFF - above finished floor
AHU - air handling unit
ALT - alternate
ALUM - aluminum
AP - access panel
ARCH - architect(ural)
ASSY - assembly

BOC - bottom of curb
BD - board
BLDG - building
BLK - block(ing)
BM - beam or benchmark
BRK - brick
BRZ - bronze
BSMT - basement
BTM - bottom
BOW - bottom of wall

CAB - cabinet
CER - ceramic
CHW - chilled water
CI - cast iron
CIP - cast in place
CJ - control joint
CL - centerline
CLG - ceiling
CMU - concrete masonry unit
CO - clean out
COL - column
CONC - concrete
CONST - construction
CONT - continuous
CORR - corrugated
CPT - carpet
CT - ceramic tile
CTSK - countersink
CW - curtain wall

DBL - double
DET - detail
DIA - diameter
DIAG - diagonal
DIM - dimension
DIV - division
DL - dead load
DN - down
DS - downspout
DWG - drawing

E - east
EA - each
EF - each face
EJ - expansion joint
ELEC - electric(al)
ELEV - elevation, elevator
EPDM - ethylene propylene diene monomer
EQ - equal
EQUIP - equipment
EV - extruded vinyl
EW - each way
EWC - electric water cooler
EX - exposed
EXH - exhaust
EXIST - existing
EXP - expansion
EXT - exterior
FD - floor drain
FDW - foundation
FE - fire extinguisher

FEC - fire extinguisher cabinet
FIN - finish(ed)
FIX - fixture
FL - floor

FLG - flooring
FT - foot, feet
FTG - footing
GA - guage
GALV - galvanized
GB - grab bar
GCT - glazed ceramic tile
GFRC - glass fiber reinforced concrete
GFRG - glass fiber reinforced gypsum
GI - galvanized iron
GL - glass
GL BLK - glass block
GLZ - glazing
GRD - ground
GWB - gypsum wallboard
GYP - gypsum

HB - hose bibb
HCD - hollow core door
HCM - hollow core metal
HCW - hollow core wood
HD - head
HDW - hardware
HGT - height
HM - hollow metal
HORIZ - horizontal
HPL - high pressure laminate
HR - hour
HVAC - heating/ventilation/ air conditioning

ID - inside diameter
IN - inch
INSUL - insulation
INT - interior
INV - invert

JAN - janitor
JST - joist
JT - joint

KIT - kitchen

LAB - laboratory
LAM - laminate
LAV - lavatory
LF - lineal foot
LH - left hand
LHR - left hand reverse
LL - live load
LTG - lighting
LVR - louver

M - meter
MACH - machine
MAINT - maintenance
MAR - marble
MAS - masonry
MATL - material
MAX - maximum
MECH - mechanical
MEZZ - mezzanine
MFR - manufacturer
MIN - minimum
MISC - miscellaneous
MM - millimeter
MO - masonry opening
MTD - mounted

MTL - metal
MUL - mullion

N - north
NIC - not in contract
NO - number
NOM - nominal
NRC - noise reduction coefficient
NTS - not to scale

OC - on center
OD - outside diameter
OH - overhead door
OHD - opposite hand
OPNG - opening
OPP - opposite
ORD - overflow roof drain

P - paint
PC - precast concrete
PERF - perforated
PL - plate
PLA - plaster
PLWD - plywood
PP - power pole
PR - pair
PRCST - precast
PREFAB - prefabricated
PSF - pounds per square foot
PSI - pounds per square inch
PTD - painted

QT - quarry tile

R - riser
RA - return air
RAD - radius
RB - rubber base
RD - roof drain
REF - refer(ence)
REINF - reinforced
REQD - required
RES - resilient
REV - revision
RH - right hand
RHR - right hand reversed
RM - room
RO - rough opening

S - south
SCHED - schedule
SCW - solid core wood
SECT - section
SF - square feet
SHT - sheet
SIM - similar
SPEC - specification(s)
SQ - square
SQ FT - square feet
SQ IN - square inch
SST - stainless steel
STD - standard
STL - steel
STOR - storage
STRUCT - structural
SUSP - suspended

T - tread
T&G - tongue and groove
TEL - telephone
TOC - top of curb
TOW - top of wall
TYP - typical

VB - vinyl base
VCT - vinyl composition tile
VERT - vertical
VWC - vinyl wall covering

W - west
W/ - with
W/O - without
W/W - wall to wall
WC - water closet
WD - wood
WF - wide flange
WGL - wire glass
WPT - working point
WWF - welded wire fabric

YD - yard, yard drain

CODE REVIEW

I. Project Site Area: This description disturbs approximately 1.2 +/- acres.

II. Legal Description: See Site Survey.

III. Occupancy Classification
A. Principal Intended Use: Assembly (A-3)
B. Accessory Use: Storage/Mechanical

IV. Physical Properties of the Building
A. Main Level: 37,800 Gross SF
B. Mechanical Level: 3,200 Gross SF

V. Means of Egress
A. Occupancy Load:
1. Main Level
a. Main Level: Assembly = 500 Fixed Seats

B. Number of Exits
1. Main Level 5 exits
C. Maximum Travel Distance:
1. Sprinkled: 250 FT
D. Maximum Dead End Corridor: 20 FT
E. Egress Width Per Person-Level: 0.2 IN
F. Minimum Aisle/Corrdior Width: 44 IN/36 IN if<50 occupants served
G. Minimum Clear Opening Width-Door: 32 IN

VI. Grade and Finish Floor Elevations
A. Grade Elevations:
1. Main Level = 459'-0"

VII. Building Height
A. Building Height in Feet: 58 FT
B. Number of Stories: 1 (with 3,200 s.f. mechanical level at south end of building)

VIII. Exterior Horizontal Separation Distance
(based on Type II-Protected, Sprinkled)
A. North Over 30 FT No Limit - Non-combustible
B. East Over 30 FT No Limit - Non-combustible
C. South Over 30 FT No Limit - Non-combustible
D. West Over 30 FT No Limit - Non-combustible

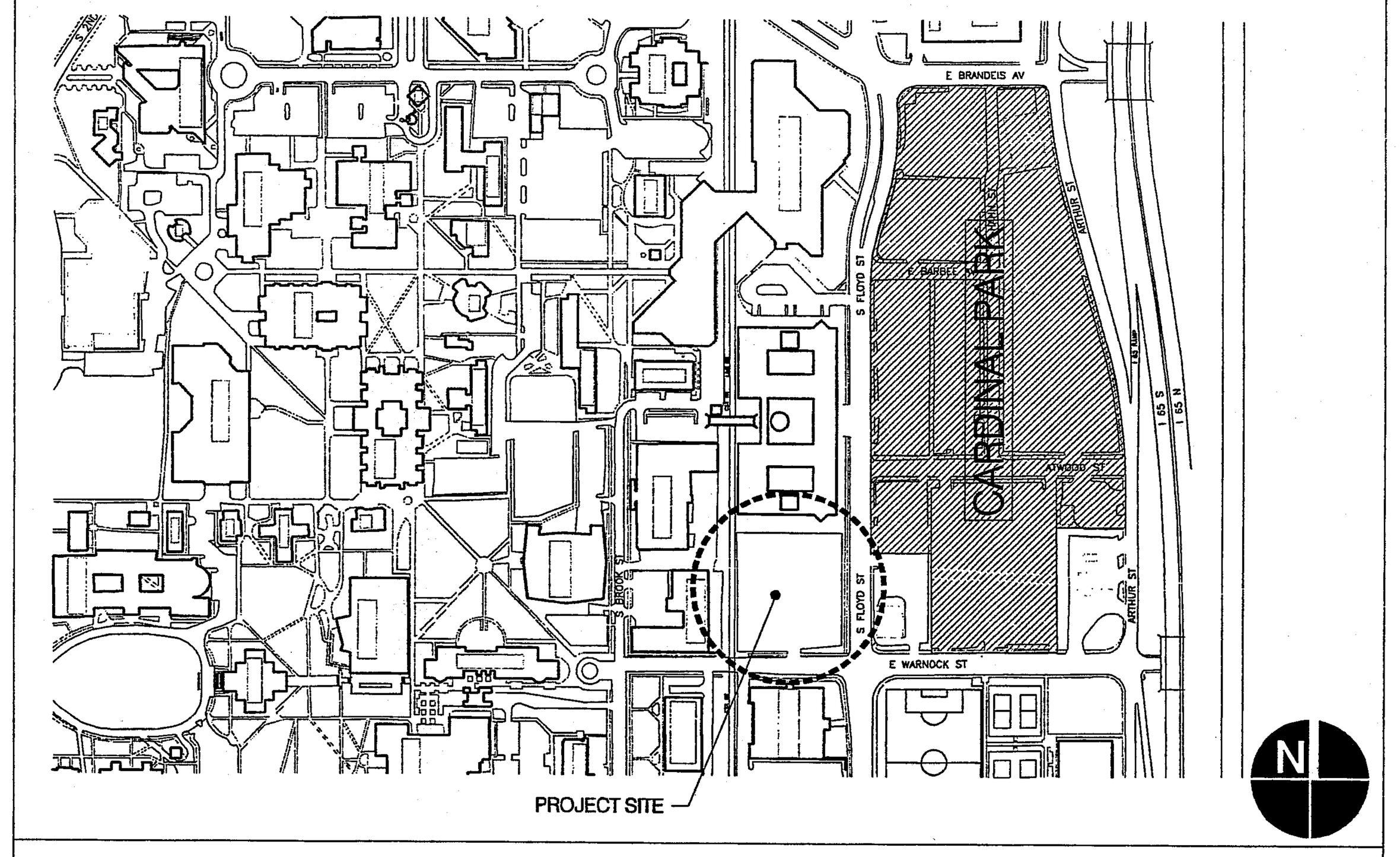
IX. Type of Construction
A. Proposed Type of Construction:
Type IV-Unprotected Sprinkled
1. Maximum Height: 65 FT
2. Maximum Stories: 5
3. Allowable Area Per Floor: 34,000 SF/Floor; 51,000 SF/Floor One Story

X. Detailed Occupancy Requirements:
A. Occupancy Separation Requirements
1. Assembly: 1 Hour
2. Storage: NR
3. Mechanical 1 Hour

XI. Detailed Construction Requirements:
A. Fire Protection of Structural Members:
1. Interior Bearing Walls
a. Supporting Roof Only: Non-combustible
2. Interior NonBearing Partitions: Non-combustible
3. Columns
a. Supporting Roof Only: Non-combustible
4. Beams, Girders, Trusses, and Arches
a. Supporting Roof Only: Non-combustible
5. Floors and Floor/Ceiling Assemblies: Non-combustible
6. Roofs and Roof/Ceiling Assemblies: Non-combustible
7. Exterior Bearing Walls
a. Over 30 FT Non-combustible
8. Exterior NonBearing Walls Non-combustible
a. Over 30 FT

XII. Minimum Fire Resistance Walls/Partitions Opening Protectives
A. Walls and Partitions
1. Within Tenant Space 0 Hour NR
2. Exit Access Corridors 1 Hour 3/4
3. Bathrooms and Restrooms 0 Hour NR
4. Mech. Equipment Room 1 Hour 3/4

LOCATION MAP



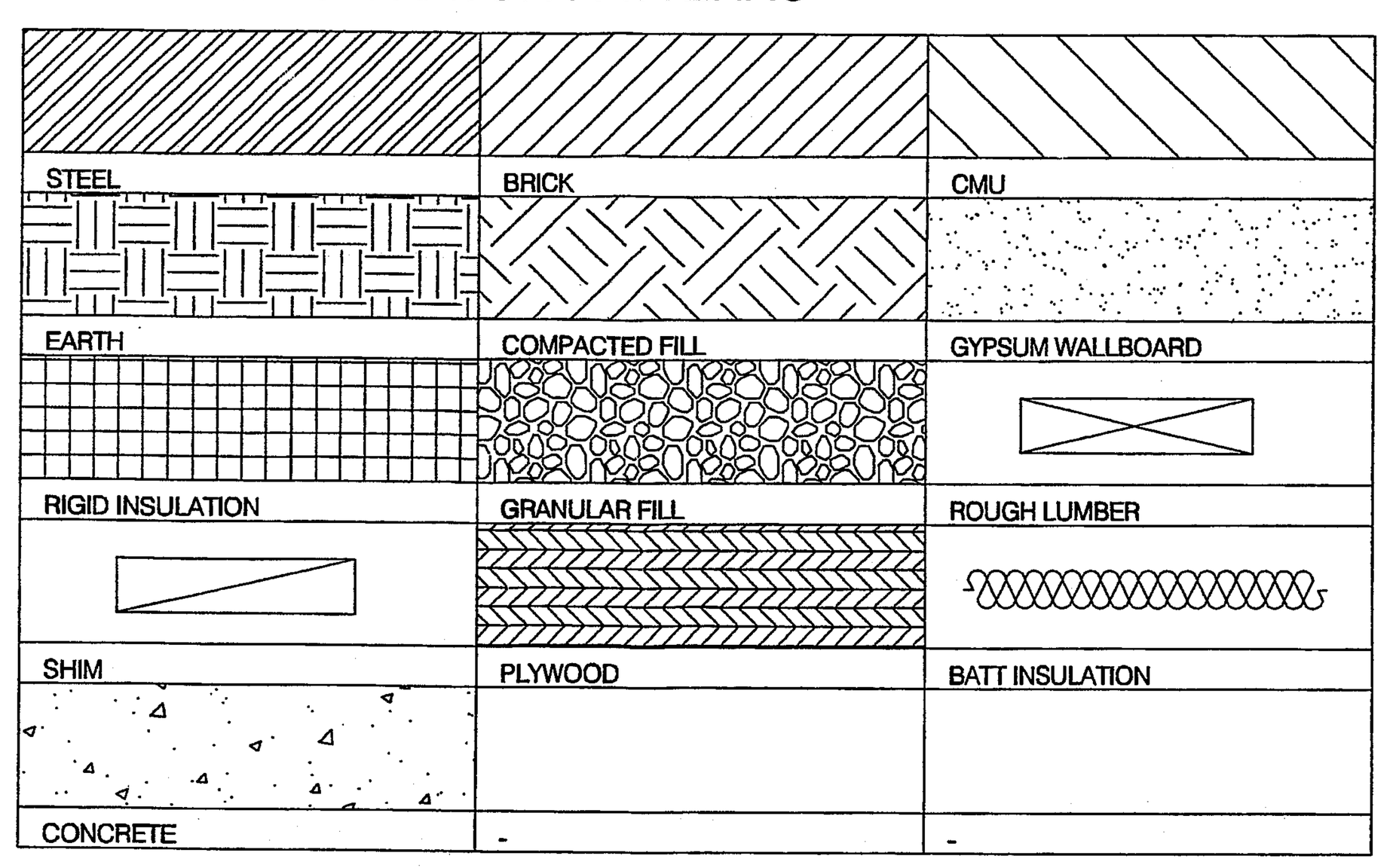
GENERAL NOTES

1. THE CONTRACTOR IS RESPONSIBLE FOR REVIEWING THE CONTRACT DOCUMENTS AND UNDERSTANDING THE SCOPE OF THE CONTRACT DOCUMENTS AS THE FOLLOWING: THE CONTRACT DOCUMENTS INDICATE THE GENERAL SCOPE OF THE WORK FOR THE PROJECT IN TERMS OF ARCHITECTURAL DESIGN CONCEPTS, THE DIMENSION OF THE BUILDING, THE ARCHITECTURAL ELEMENTS. THE CONSTRUCTION DOCUMENTS DO NOT, AND ARE NOT INTENDED TO, INDICATE OR DESCRIBE, THE WORK REQUIRED FOR FULL PERFORMANCE OF, AND COMPLETION OF THE REQUIREMENTS OF THE CONTRACT. ON THE BASIS OF GENERAL SCOPE OF WORK INDICATED, OR DESCRIBED IN THESE CONTRACT DOCUMENTS, THE TRADE CONTRACTOR IS TO PROVIDE THE ITEMS REQUIRED FOR THE PROPER EXECUTION AND COMPLETION OF THE WORK.
2. IT IS THE CONTRACTOR'S, OR SUB-CONTRACTOR'S, RESPONSIBILITY TO VERIFY EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF THE WORK, OR FABRICATION OF COMPONENTS.
3. DIMENSIONS ARE NOMINAL FROM FACE OF STUD OR FINISH FACE OF BLOCK OR FINISH CONSTRUCTION UNLESS OTHERWISE NOTED.
4. DO NOT SCALE DRAWINGS. DIMENSIONS SHALL GOVERN FINAL BUILDING COMPONENT LOCATIONS, NOTIFY ARCHITECT OF ANY DISCREPANCIES.
5. LOCATE ALL DOORS 4" OFF ADJACENT HINGE SIDE WALL, UNLESS NOTED OTHERWISE.
6. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING THE ACCESS DOORS REQUIRED BY THE 'M', 'E', AND 'P' SERIES CONTRACT DOCUMENTS.
7. MINIMUM SLOPE ON INTERIOR DRAINS INDICATED AS " " IS 1/8 INCH PER FOOT.
8. VERIFY SIZE AND LOCATION OF ALL REQUIRED MECHANICAL HOUSEKEEPING PADS AND WALL OPENINGS WITH THE MECHANICAL CONTRACTOR.
9. SEE SHEETS THROUGH FOR REFLECTED CEILING PLANS AND RELATED WORK.
10. WINDOW/ DOOR SCHEDULE, REFER TO SHEETS

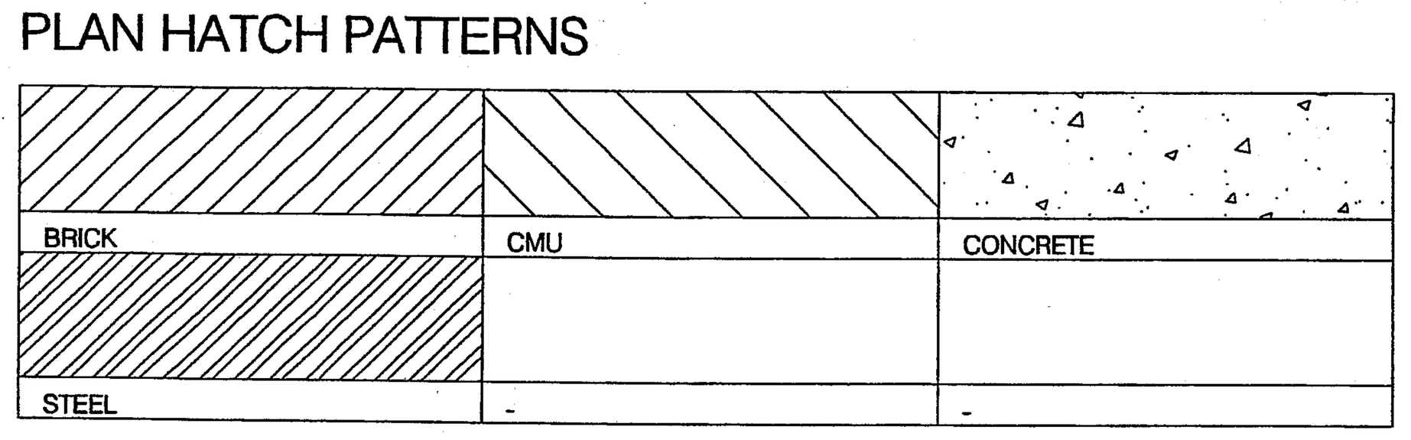
SHEET INDEX

MATERIAL DESCRIPTIONS

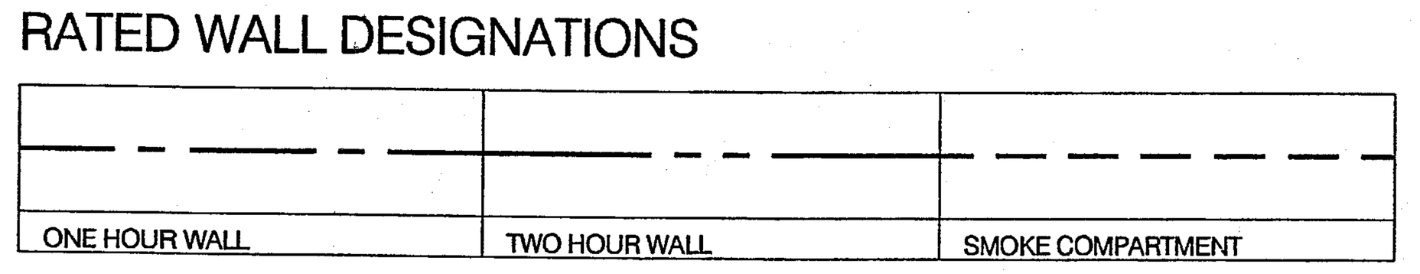
WALL SECTION HATCH PATTERNS



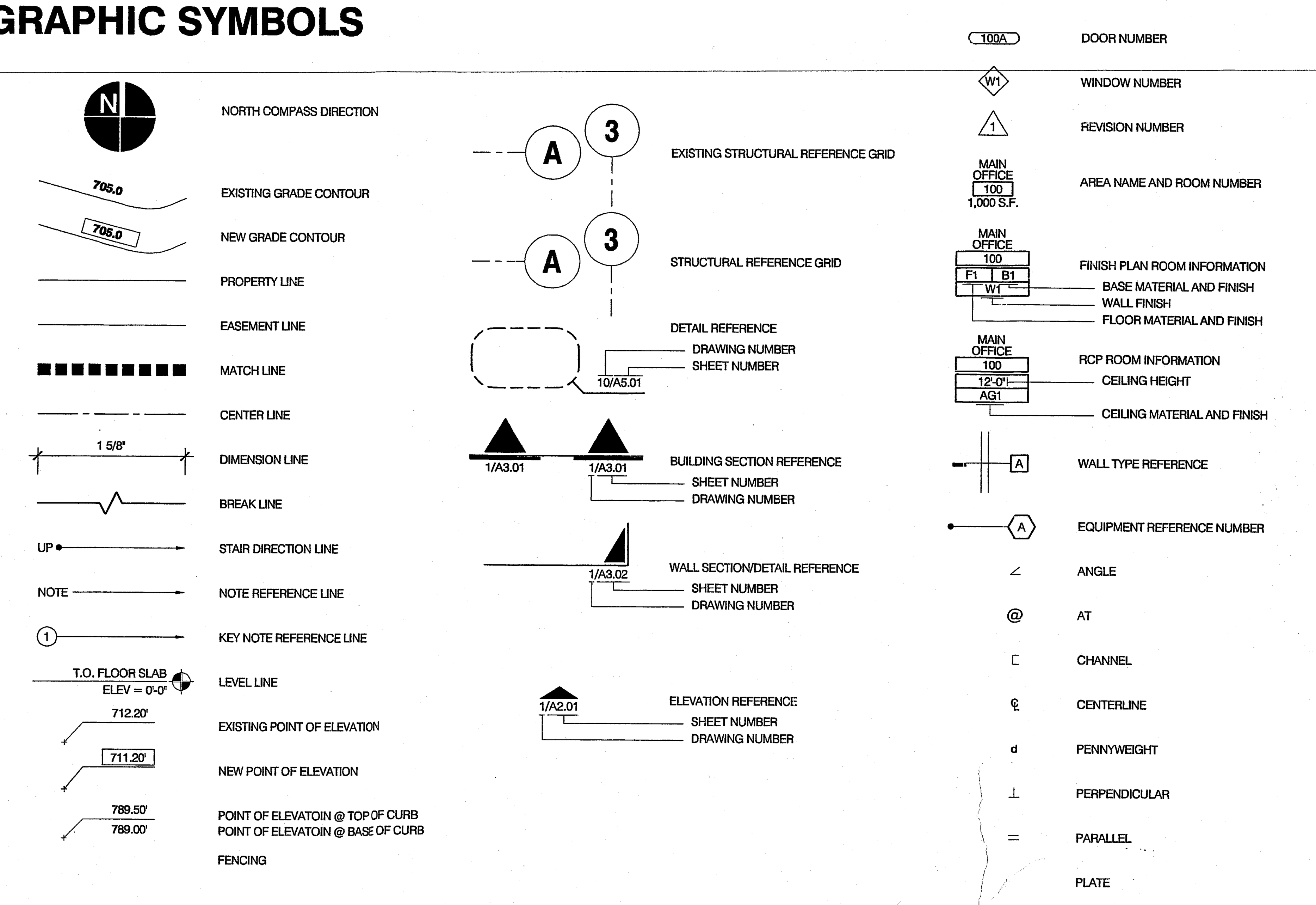
PLAN HATCH PATTERNS



RATED WALL DESIGNATIONS



GRAPHIC SYMBOLS



CERTIFICATION

CONSTRUCTION DOCUMENTS

CARDINAL PARK NATATORIUM

UNIVERSITY OF LOUISVILLE

Project: 03006
Drawn: D. MCCLOSKEY

Checked: J. LINDSTAEDT
Scale: AS NOTED
Issue Date: AUGUST 27, 2003
Revision:

INDEX

OFFICIAL BID DOCUMENT