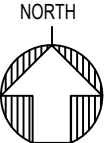
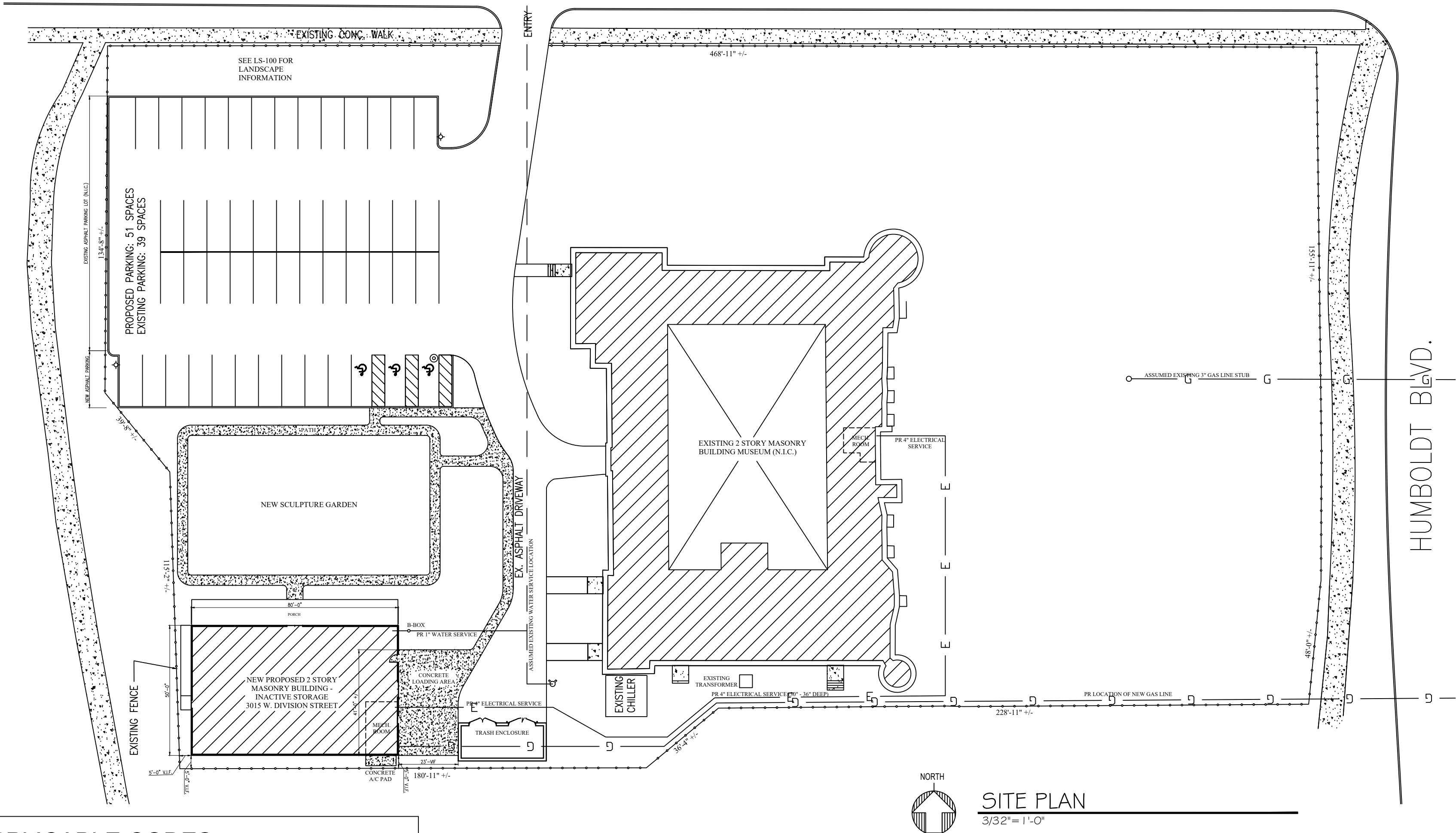


WEST DIVISION STREET



SITE PLAN
3/32"=1'-0"

APPLICABLE CODES

- CITY OF CHICAGO BUILDING CODE, 2019
- CITY OF CHICAGO REHABILITATION CODE, 2019
- CITY OF CHICAGO ELECTRICAL CODE, 2018
- CITY OF CHICAGO MECHANICAL CODE
- CITY OF CHICAGO ENERGY CONSERVATION CODE, 2019
- CITY OF CHICAGO PLUMBING CODE, 2019
- ILLINOIS ACCESSIBILITY CODE, 2018
- ANSI A117.1-2003 - AMERICAN NATIONAL STANDARDS INSTITUTE, AS ADOPTED BY CBC
- 2018 ADA STANDARDS FOR ACCESSIBLE DESIGN

ENERGY CODE COMPLIANCE

AIR LEAKAGE:
JOINTS, PENETRATIONS AND ALL OTHER SUCH OPENINGS IN THE BUILDING ENVELOPE THAT ARE SOURCES OF AIR LEAKAGE MUST BE SEALED.

RECESSED LIGHTS MUST BE:
1. TYPE IC RATED, OR
2. INSTALLED INSIDE AN APPROPRIATE AIR-TIGHT ASSEMBLY WITH A 0.5" CLEARANCE FROM COMBUSTIBLE MATERIALS. IF NON-IC RATED, THE FIXTURE MUST BE INSTALLED WITH A 3" CLEARANCE FROM INSULATION.

VAPOR RETARDER:
PROVIDE VAPOR RETARDER ON THE WARM-IN-WINTER SIDE OF ALL NON-VENTED FRAMED CEILINGS, WALLS AND FLOOR.

MATERIALS IDENTIFICATION:
MATERIALS AND EQUIPMENT MUST BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.

MATERIALS AND EQUIPMENT MUST BE IDENTIFIED SO THAT COMPLIANCE CAN BE DETERMINED.

PROVIDE MANUFACTURER MANUALS FOR ALL INSTALLED HEATING AND COOLING EQUIPMENT AND SERVICE WATER HEATING EQUIPMENT.

SCOPE OF WORK:

ERECT NEW 2 STORY CONCRETE BLOCK DETACHED INACTIVE STORAGE BUILDING AS PER PLANS

DRAWING INDEX

CS-1	COVER SHEET & SITE PLAN
CS-1.1	CODE COMPLIANCE MATRIX
GS-1.0	GENERAL NOTES
GS-2.0	GENERAL NOTES
GS-3.0	STRUCTURAL NOTES
GS-4.0	ACCESSIBILITY DIAGRAMS
GS-5.0	ACCESSIBILITY NOTES
LS-100	LANDSCAPE PLAN
A-200	FLOOR PLAN - 1st FLOOR
A-201	FLOOR PLAN - 2nd FLOOR
A-202	ELEVATIONS - 1st FLOOR
A-203	ELEVATIONS - 2nd FLOOR
A-300	EXTERIOR ELEVATIONS
A-400	FOUNDATION PLAN
A-401	SECOND FLOOR FRAMING PLAN
A-402	ROOF FRAMING PLAN
A-403	STRUCTURAL DETAILS
M-500	MECHANICAL - 1st FLOOR
M-501	MECHANICAL - 2nd FLOOR
E-600	ELECTRICAL SYMBOLS & NOTES
E-601	POWER & LIGHTING PLAN - 1st FLOOR
E-602	POWER & LIGHTING PLAN - 2nd FLOOR
P-700	PLUMBING GENERAL NOTES
C-800	PLUMBING RISER DIAGRAMS & ENLARGED PLAN
C-801	DEMOLITION NOTES
C-802	DIMENSION PLAN
	GRADING & UTILITY PLAN

CERTIFICATION STATEMENTS

ARCHITECTS STATEMENT OF COMPLIANCE

I HEREBY CERTIFY THAT THESE DRAWINGS/DOCUMENTS WERE PREPARED UNDER MY DIRECT SUPERVISION AND TO THE BEST OF MY KNOWLEDGE CONFORM TO THE APPLICABLE BUILDING AND ZONING CODES OF THE CITY OF CHICAGO, STATE OF ILLINOIS.

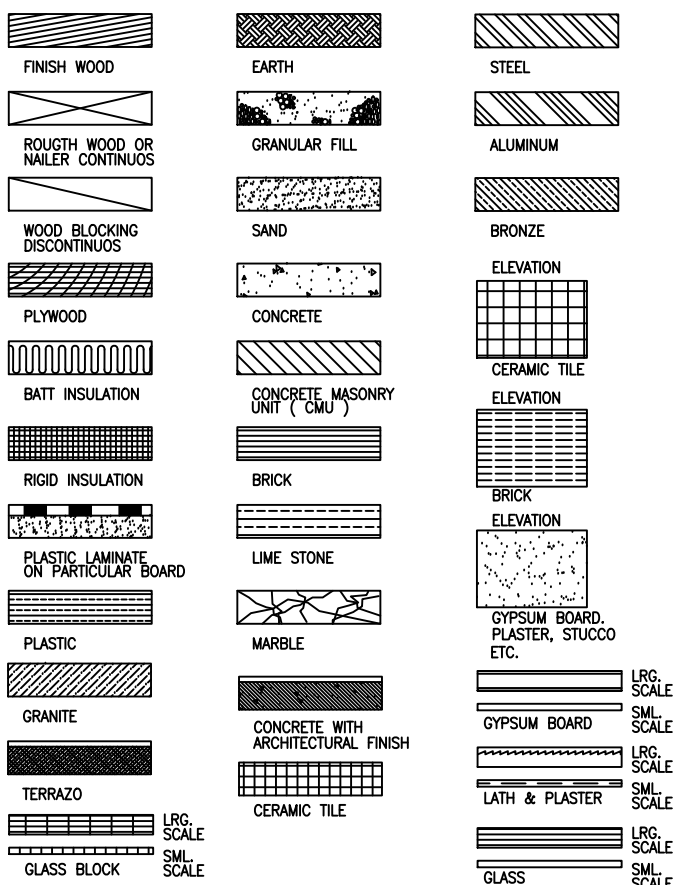
ARCHITECT NAME: LUIS A. MARTINEZ

IL ARCHITECTS LICENSE NO. 001-014535 EXP. DATE: 11.30.2022

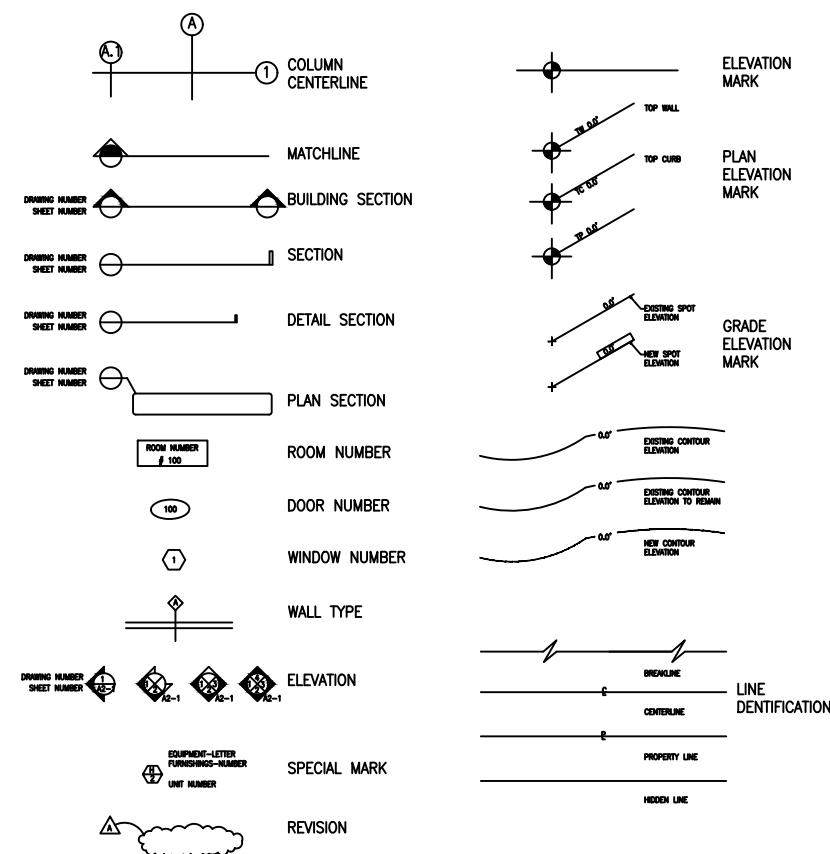
ENERGY CONSERVATION CODE COMPLIANCE STATEMENT

I CERTIFY THAT I AM A REGISTERED ENERGY PROFESSIONAL (REP) I ALSO CERTIFY THAT TO THE BEST OF MY PROFESSIONAL KNOWLEDGE AND BELIEF THAT THE PLANS FOR: 5563 W. VAN BUREN AVE. CHICAGO, ILLINOIS 60644 FULLY COMPLY WITH THE REQUIREMENTS OF CHAPTER 18-13 ENERGY CONSERVATION OF THE MUNICIPAL CODE OF CHICAGO AS EFFECTIVE APRIL 22, 2009 AS WELL AS THE STATE OF ILLINOIS ENERGY CONSERVATION CODE AS REQUIRED BY STATE LEGISLATION

MATERIALS LEGEND



SYMBOLS LEGEND



ABBREVIATIONS

Acoustical tile	AC	Enclosure	Ext.	Motor	Mr.
Adhesive	Adh.	Engineer	Eng.	Moulding	Mtg.
Above finished floor	A.F.F.	Entrance	Ent.	Not in Contract	N.I.C.
Air Conditioning	A.C.	Equipment	Eqpt.	Not to Scale	N.T.S.
Aluminum	Al.	Existing	Exist.	Paint	Pl.
Angers	Ang.	Foot per Minute	F.P.M.	Panel	Pnl.
Angle	Ang.	Foot per Second	F.P.S.	Partition	Prt. or Part.
Approved	Appr.	Fire extinguisher	F. Ext.	Plate Glass	Pl. Gl.
Approximate	Approx.	Fire proof	Fire	Power Panel	P.P.
Architect or Architectural	Arch.	Floor	Fl.	Pounds per Square Foot	P.S.F.
At	At	Floor Drain	F.D.	Pounds per Square Inch	P.S.I.
By others	By others	Fluorescent	Fluor.	Receptacle	Recp.
Board	Bo.	Frame	Fr.	Reinforcing	Reinf.
Bolia	Bolia	Fresh Air	F.A.	Remove	Rem.
Brass	Br.	Fresh Air Intake	F.A.I.	Repair	Rep.
Brick	Br.	Furnished by Others	F.B.O.	Required	Reqd.
British Thermal Units	B.T.U.	Gallons per Hour	G.P.H.	Room	Rm.
Building	Blg.	Gallons per Minute	G.P.M.	Specification	Spec.
Calculated	Calc.	Gallons per Second	G.P.S.	Stainless Steel	St. Stl.
Cast Iron	C.I.	Generalized Iron	G.I.	Suspend	Susp.
Cath Basin	C.B.	Generalized Iron Sheet Metal	G.I.S.M.	Switch	Sw.
Ceiling	Ce.	Gas line	GA.	Telephone	Tele.
Center	Cent.	General contractor	G.C.	Temperature	Temp.
Center Line	C.L.	Glass	GL	Thickness	Thk.
Centers on	C to C	Gypsum Board	G.B.	Transformer	Trans.
Center to Center	C to C	Height	Hgt.	Typical	Typ.
Ceramic	Cer.	Horizontal	Hori.	Underwriter Laboratories	U.L.
Circuit	Cir.	Horizontal	Hori.	Underwriter Laboratories	U.L.
Clear cut	C.C.	Horizontal	Hori.	Underwriter Laboratories	U.L.
Cold Water	C.W.	Horizontal	Hori.	Underwriter Laboratories	U.L.
Column	Col.	Horizontal	Hori.	Underwriter Laboratories	U.L.
Common	Com.	Horizontal	Hori.	Underwriter Laboratories	U.L.
Compartment	Comp.	Horizontal	Hori.	Underwriter Laboratories	U.L.
Concrete	Conc.	Horizontal	Hori.	Underwriter Laboratories	U.L.
Concrete Block	Conc. Blk.	Horizontal	Hori.	Underwriter Laboratories	U.L.
Conductor	Cond.	Horizontal	Hori.	Underwriter Laboratories	U.L.
Conduit	Cond.	Horizontal	Hori.	Underwriter Laboratories	U.L.
Construction	Const.	Horizontal	Hori.	Underwriter Laboratories	U.L.
Contractor	Contr.	Horizontal	Hori.	Underwriter Laboratories	U.L.
Diameter	Dim.	Horizontal	Hori.	Underwriter Laboratories	U.L.
Dimension	Dim.	Horizontal	Hori.	Underwriter Laboratories	U.L.
Disconnect	Disc.	Horizontal	Hori.	Underwriter Laboratories	U.L.
Down	Down	Horizontal	Hori.	Underwriter Laboratories	U.L.
Drawing	Draw.	Horizontal	Hori.	Underwriter Laboratories	U.L.
Each	Each	Horizontal	Hori.	Underwriter Laboratories	U.L.
Electric	Elec.	Horizontal	Hori.	Underwriter Laboratories	U.L.
Electric light panel	E.L.P.	Horizontal	Hori.	Underwriter Laboratories	U.L.



ARCHITECTS-CONSULTANTS
2450 W. DIVISION STREET
CHICAGO, IL. 60622
PH: 312.217.8663
312.719.4099
Email: lmart0601@sbcglobal.net

LICENSE SEAL AND SIGNATURE
LUIS A. MARTINEZ ILLINOIS LIC.#001-014535

DATE: NOV/2011
DESIGN BY: LAM PROJECT MANAGER: DRH
DRAWN BY: DRH PROJECT NUMBER:

NO.	REVISION/ISSUANCE	DATE
1	REVISED PER OWNER REVIEW	11-10-2021
2	REVISED PER OWNER REVIEW	11-16-2021
3	APPROVED PER OWNER REVIEW	11-17-2021
4	CONSTRUCTION DOCUMENTS 25%	02/18/2022
5	CONSTRUCTION DOCUMENTS 50%	03/10/2022
6	CONSTRUCTION DOCUMENTS 75%	03/16/2022
7	CONSTRUCTION DOCUMENTS 100%	03/29/2022
8	CODE COMPLIANCE MATRIX SHT. CS-1.1	09/16/2022
9	2nd FL EMERGENCY EXIT SYSTEM	09/16/2022

PROJECT ADDRESS

NMPRAC
3015 W. DIVISION STREET

CHICAGO ILLINOIS

SHEET TITLE

COVER SHEET & SITE PLAN

SHEET NUMBER

CS-1

CODE COMPLIANCE MATRIX – CHICAGO ZONING ORDINANCE AND 2019 CHICAGO CONSTRUCTION CODES

ITEM	SUBJECT	CODE REFERENCE	ORDINANCE REQUIREMENT	ACTUAL	N/A	LOCATION / SHEET NO.
CHICAGO ZONING ORDINANCE REQUIREMENTS						
Z.01	ZONING DISTRICT / PLANNED DEVELOPMENT NO.	ZONING MAP	PDS-1	PDS-1	<input type="checkbox"/>	
Z.02	EXISTING ZONING USE(S)	17-17-0100	PDS-1	PDS-1	<input type="checkbox"/>	
Z.03	PROPOSED ZONING USE(S)	17-17-0100	PDS-1-A	PDS-1	<input type="checkbox"/>	
Z.04	CHICAGO LANDMARK DESIGNATION	recorded deed restriction	N.R.		<input checked="" type="checkbox"/>	
Z.05	LANDMARK PROTECTION DISTRICT	zoning map, Ch. 16-4	N.R.		<input checked="" type="checkbox"/>	
Z.06	ZONING OVERLAY DISTRICT	zoning map, Ch. 17-7	N.R.		<input checked="" type="checkbox"/>	
Z.07	PEDESTRIAN STREET	zoning map, 17-3-0500	N.R.		<input checked="" type="checkbox"/>	
Z.08	LOT AREA	17-17-0302	129,600sf		<input checked="" type="checkbox"/>	
Z.09	FLOOR AREA RATIO	varies by district	N.R. 0		<input checked="" type="checkbox"/>	
Z.10	TOTAL FLOOR AREA	17-17-0305, varies by district	6,800sf		<input type="checkbox"/>	
Z.11	BUILDING HEIGHT	17-11-0311, varies by district	37'-6" / 33'-0"		<input checked="" type="checkbox"/>	
Z.12	FRONT SETBACK	17-11-0308, varies by district	N.R.		<input checked="" type="checkbox"/>	
Z.13	COMBINED SIDE SETBACK	17-11-0308, varies by district	N.R.		<input checked="" type="checkbox"/>	
Z.14	REAR SETBACK	17-11-0307, varies by district	N.R.		<input checked="" type="checkbox"/>	
Z.15	REAR YARD / ON-SITE OPEN SPACE	17-2-0307, 17-4-0410	N.R.		<input checked="" type="checkbox"/>	
Z.16	NUMBER OF DWELLING UNITS	varies by district	N.R. 0		<input checked="" type="checkbox"/>	
Z.17	NUMBER OF EFFICIENCY UNITS (include above)	varies by district	N.R. 0		<input checked="" type="checkbox"/>	
Z.17	NUMBER OF OFF-STREET PARKING SPACES	17-10-0200	N.R.	50	<input type="checkbox"/>	
Z.17	USE-READY PARKING SPACES (include above)	17-10-1011 (enr. 11/1/20)	N.R.		<input checked="" type="checkbox"/>	
Z.18	NUMBER OF OFF-STREET LOADING SPACES	17-10-1100	N.R.	1	<input type="checkbox"/>	
Z.19	LANDSCAPE ORDINANCE COMPLIANCE	Ch. 17-11	AS NOTED	YES	<input type="checkbox"/>	
Z.20	TOWNHOUSE DEVELOPMENT STANDARDS	17-2-0500	N.R.		<input checked="" type="checkbox"/>	
Z.21	PLANNED DEVELOPMENT STANDARDS	Ch. 17-8	N.R.		<input checked="" type="checkbox"/>	
Z.22	OPEN SPACE IMPACT FEE WORKSHEET	Ch. 16-18	N.R.		<input checked="" type="checkbox"/>	
Z.23	AFFORDABLE REQUIREMENTS ORDINANCE (ARO) FORMS	Ch. 2-44	N.R.		<input checked="" type="checkbox"/>	
Z.24	PLAT OF SURVEY	17-13-1308	ATTACHED	AS NOTED	<input type="checkbox"/>	
2019 CHICAGO BUILDING CODE REQUIREMENTS						
B.03.01	PROPOSED OCCUPANCY CLASSIFICATION(S)	148-3-302.1	LOW HAZARD	STORAGE, S-1	<input type="checkbox"/>	
B.03.02	EXISTING OCCUPANCY CLASSIFICATION(S)	148-3-302.6, Ch. 148-3	N.R.		<input checked="" type="checkbox"/>	
B.03.03	SPECIAL OCCUPANCY CONDITIONS	Ch. 148-4	N.R.		<input checked="" type="checkbox"/>	
B.05.01	GRADE PLANE	148-2-203.2	AS NOTED		<input type="checkbox"/>	
B.05.02	BUILDING HEIGHT IN FEET ABOVE GRADE PLANE	148-2-203.3, 148-5-504.3	45'	37'-6"	<input type="checkbox"/>	
B.05.03	NUMBER OF STORES ABOVE GRADE PLANS	148-2-203, 148-5-504.4	N.R.	2	<input type="checkbox"/>	
B.05.04	MEZZANINE / EQUIPMENT PLATFORM	148-5-505	N.R.		<input checked="" type="checkbox"/>	
B.05.05	BUILDING AREA	148-2-203.4, 148-5-506	N.R.	6,800sf	<input type="checkbox"/>	
B.05.06	NUMBER OF BASEMENTS EXCLUDED FROM AREA	148-5-506.1.3	N.R.	0	<input type="checkbox"/>	
B.05.07	FRONTAGE INCREASE	148-5-506.3	N.R.		<input type="checkbox"/>	
B.05.08	MIXED OCCUPANCY STRATEGY	148-5-508	N.R.		<input checked="" type="checkbox"/>	
B.05.09	ACCESSORY OCCUPANCIES	148-5-508.2	N.R.	YES	<input type="checkbox"/>	
B.05.10	INCIDENTAL USES	148-5-509	N.R.		<input checked="" type="checkbox"/>	
B.06.01	CONSTRUCTION CLASSIFICATION	148-6-602	N.R.	B-A	<input type="checkbox"/>	
	RATING – PRIMARY STRUCTURAL FRAME	Table 148-6-601, 148-7-704	2 HRS	2 HRS	<input type="checkbox"/>	
	RATING – EXTERIOR BEARING WALLS	Table 148-6-601, 148-6-602	2 HRS	2 HRS	<input type="checkbox"/>	
	RATING – EXTERIOR BEARING WALLS	Table 148-6-601	N.R.		<input type="checkbox"/>	
	RATING – EXTERIOR NONBEARING WALLS	Table 148-6-602	2 HRS	2 HRS	<input type="checkbox"/>	
	RATING – FLOOR CONSTRUCTION	Table 148-6-601	1 HR		<input type="checkbox"/>	
	RATING – ROOF CONSTRUCTION	Table 148-6-601	1/2 HR	1/2 HR	<input type="checkbox"/>	
B.06.02	COMBUSTIBLE MATERIAL TYPE I-IV CONSTRUCTION	148-6-602, 148-6-604	N.R.		<input checked="" type="checkbox"/>	
B.06.03	BASEMENT CONSTRUCTION	148-6-605	N.R.		<input checked="" type="checkbox"/>	
B.07.01	EXTERIOR WALL RATING	Table 148-6-601, 148-6-602	2 HRS	2 HRS	<input type="checkbox"/>	
B.07.02	EXTERIOR WALL PROJECTIONS	148-7-705.2	N.R.		<input type="checkbox"/>	
B.07.03	EXTERIOR WALL OPENINGS	148-7-705.8	N.R.		<input checked="" type="checkbox"/>	
B.07.04	EXTERIOR WALL PARAPETS	148-7-705.11	N.R.		<input checked="" type="checkbox"/>	
B.07.05	FIRE WALL RATING	148-7-706.4	N.R.		<input checked="" type="checkbox"/>	
B.07.06	FIRE WALL OPENINGS	148-7-706.8, 148-7-716.1	N.R.		<input type="checkbox"/>	
B.07.07	WALL/FLOOR RATING – OCCUPANCY SEPARATION	148-7-707.3.6, 148-7-711.2.4.1	N.R.		<input checked="" type="checkbox"/>	
B.07.08	WALL/FLOOR RATING – FIRE AREA SEPARATION	148-7-707.3.10, 148-7-711.2.4.2	N.R.		<input checked="" type="checkbox"/>	
B.07.09	WALL/FLOOR RATING – CONTROL AREA	148-4-424.2.4, 148-7-707.3.8	N.R.		<input type="checkbox"/>	
B.07.10	WALL/FLOOR RATING – INCIDENTAL USES	148-7-707.3.7, 148-7-711.2.4.5	N.R.		<input type="checkbox"/>	
B.07.11	WALL/FLOOR – UNIT SEPARATION	148-4-420, 148-7-711.2.4.3	N.R.		<input checked="" type="checkbox"/>	
B.07.12	WALL/FLOOR – CORRIDOR	148-7-708, 148-10-1020.1	N.R.		<input checked="" type="checkbox"/>	
B.07.13	SMOKE BARRIER	148-7-709	N.R.		<input type="checkbox"/>	
B.07.14	VERTICAL OPENINGS	148-7-712	N.R.		<input checked="" type="checkbox"/>	
B.07.15	SHAFT ENCLOSURE – RATING	148-7-713.4	N.R.		<input checked="" type="checkbox"/>	
B.07.16	SHAFT ENCLOSURE – CONTINUITY	148-7-713.5	N.R.		<input checked="" type="checkbox"/>	
B.07.17	SHAFT ENCLOSURE – OPENINGS / PENETRATIONS	148-7-713.7, 148-7-713.8	N.R.		<input type="checkbox"/>	
B.07.18	PENETRATION OF RATED CONSTRUCTION	148-7-714	N.R.		<input checked="" type="checkbox"/>	
B.07.19	OPENING PROTECTIVES	148-7-716	N.R.		<input checked="" type="checkbox"/>	
B.07.20	DUCT AND AIR TRANSFER OPENINGS	148-7-717	N.R.		<input type="checkbox"/>	
B.07.21	FIREBLOCKING / DRAFTSTOPPING	148-7-718	N.R.		<input checked="" type="checkbox"/>	
B.08.01	INTERIOR FINISH ROOMS / SPACES	TABLE 148-8-803.1.3	N.R.		<input checked="" type="checkbox"/>	
B.08.02	INTERIOR FINISH CORRIDORS / EXIT ACCESS	TABLE 148-8-803.1.3	N.R.		<input checked="" type="checkbox"/>	
B.08.03	INTERIOR FINISH EXIT / EXIT DISCHARGE	TABLE 148-8-803.1.3	N.R.		<input type="checkbox"/>	
B.08.04	INTERIOR FLOOR FINISH (FIBROUS)	148-8-803.4.2	N.R.		<input checked="" type="checkbox"/>	
B.09.02	AUTOMATIC SPRINKLER SYSTEM	148-9-903.2	N.R.		<input checked="" type="checkbox"/>	
B.09.03	ALTERNATE AUTOMATIC EXTINGUISHING SYSTEM	148-9-904.2	N.R.		<input checked="" type="checkbox"/>	
B.09.04	STANDPIPE SYSTEM	148-9-905.3	N.R.		<input checked="" type="checkbox"/>	
B.09.05	PORTABLE FIRE EXTINGUISHERS	148-9-906.1	AS REQUIRED	AS REQUIRED	<input type="checkbox"/>	
B.09.06	FIRE ALARM SYSTEM	148-9-907.2	N.R.		<input checked="" type="checkbox"/>	
B.09.07	SINGLE AND MULTIPLE-STATION SMOKE ALARMS	148-9-907.2.10	N.R.		<input type="checkbox"/>	
B.09.08	VISABLE ALARM NOTIFICATION	148-9-907.5.2.3	AS NOTED	AS NOTED	<input type="checkbox"/>	
B.09.09	SMOKE CONTROL SYSTEM	148-9-909	N.R.		<input checked="" type="checkbox"/>	
B.09.10	SMOKE AND HEAT REMOVAL	148-9-910.2	N.R.		<input type="checkbox"/>	
B.09.11	FIRE DEPARTMENT CONNECTION	148-9-910.2, 148-9-912.4	N.R.		<input checked="" type="checkbox"/>	
B.09.12	FIRE PUMP ROOM RATING	148-9-913.2.1	N.R.		<input checked="" type="checkbox"/>	
B.09.13	SPACE FOR SHAFTWAY / EQUIPMENT ROOM	148-9-914	N.R.		<input checked="" type="checkbox"/>	
B.09.14	CARBON MONOXIDE DETECTION	148-9-915	AS NOTED	AS NOTED	<input type="checkbox"/>	
B.09.15	CITY FIRE ALARM BOX	148-9-919.1	N.R.		<input checked="" type="checkbox"/>	
B.10.01	OCCUPANT LOAD CALCULATIONS SHOWN	148-10-1004.1	STORAGE	LOW HAZARD STORAGE	<input type="checkbox"/>	
B.10.02	GROSS CAPACITY CALCULATIONS SHOWN	148-10-1005.1	N.R.		<input type="checkbox"/>	
B.10.03	COMMON PATH OF EGRESS TRAVEL DISTANCE	TABLE 148-10-1006.2.1	N.R.		<input checked="" type="checkbox"/>	
B.10.05	EXIT AND EXIT ACCESS SEPARATION	148-10-1007.1	N.R.		<input checked="" type="checkbox"/>	
B.10.06	ACCESSIBLE MEANS OF EGRESS	148-10-1009	N.R.		<input checked="" type="checkbox"/>	
B.10.07	TWO-WAY COMMUNICATION	148-10-1009.8	N.R.		<input checked="" type="checkbox"/>	
B.10.08	ROOF ACCESS	148-10-1011.12	N.R.		<input type="checkbox"/>	
B.10.09	EXIT SIGNS	148-10-1013	AS NOTED	AS NOTED	<input type="checkbox"/>	
B.10.10	HANDRAIL / GUARD DETAILS	148-10-1014, 148-10-1015	AS REQUIRED	AS REQUIRED	<input type="checkbox"/>	
B.10.11	EXIT ACCESS TRAVEL DISTANCE	148-10-1017.2	N.R.		<input type="checkbox"/>	
B.10.12	ASSEMBLY SEATING REQUIREMENTS	148-10-1029	N.R.		<input type="checkbox"/>	
B.12.01	NATURAL VENTILATION	148-12-1202.1	AS NOTED		<input type="checkbox"/>	
B.12.02	NATURAL LIGHT	148-12-1204.2	AS NOTED		<input type="checkbox"/>	
B.12.03	COURT / YARD MINIMUM DIMENSIONS	148-12-1205	N.R.		<input checked="" type="checkbox"/>	
B.12.04	MINIMUM CEILING HEIGHT	148-12-1207.2	N.R.		<input type="checkbox"/>	
B.12.05	MINIMUM ROOM AREA	148-12-1207.3	N.R.		<input checked="" type="checkbox"/>	
B.14.01	EXTERIOR WALL OPENINGS – COMBUSTIBILITY	148-14-1405.1	N.R.		<input checked="" type="checkbox"/>	
B.15.01	ROOF FIRE CLASSIFICATION	148-15-1505.1	1/2 HOUR MIN.	1/2 HOUR MIN.	<input type="checkbox"/>	
B.15.02	ROOFTOP STRUCTURE HEIGHT	148-15-1510, 148-15-1513	37'-6"	37'-6"	<input type="checkbox"/>	
B.15.03	ROOFTOP STRUCTURE AREA	148-15-1510.1, 148-15-1513.1.1	N.R.		<input checked="" type="checkbox"/>	
B.15.04	ROOFTOP STRUCTURE MATERIALS	148-15-1513.3	CLASS A	CLASS A	<input type="checkbox"/>	
B.15.05	ROOF COVERING SOLAR REFLECTANCE	148-15-1515.2	N.R.		<input type="checkbox"/>	
B.27.02	ELECTRICAL ROOM FIRE RESISTANCE RATING	TABLE 148-5-509, TITLE 14E	2 HRS	2 HRS	<input type="checkbox"/>	
B.28.02	ELECTRICAL ROOM NUMBER OF EXITS	148-10-1006.2.7	1	1	<input type="checkbox"/>	
B.28.01	MECHANICAL ROOM FIRE RESISTANCE RATING	TABLE 148-5-509	2 HRS	2 HRS	<input type="checkbox"/>	
B.28.02	MECHANICAL ROOM NUMBER OF EXITS	148-10-1006.2.2	N.R.		<input checked="" type="checkbox"/>	
B.30.01	ELEVATOR CABS PER HOISTWAY	148-30-3002.2	N.R.		<input checked="" type="checkbox"/>	
B.30.02	ELEVATOR CAB DIMENSIONS	148-30-3002.4	N.R.		<input checked="" type="checkbox"/>	
B.30.03	STANDBY POWER FOR ELEVATOR	148-10-1009.4.1	N.R.		<input checked="" type="checkbox"/>	
B.30.04	ELEVATOR MACHINE ROOM RATING	148-30-3005.4	N.R.		<input checked="" type="checkbox"/>	
B.31.01	FENCE HEIGHT AND MATERIALS	148-31-3114, (also zoning reqs.)	EXISTING	EXISTING	<input type="checkbox"/>	

OTHER REQUIRED DATA

ITEM	SUBJECT	CODE REFERENCE	COMPLETE	N/A
A.04.01	EXCAVATION CERTIFICATION (FORM 402)	14A-4-406	<input type="checkbox"/>	<input checked="" type="checkbox"/>
B.1.01.01	ACCESSIBILITY COMPLIANCE DATA	MINORS PRIDE FOR PEOPLE WITH DISABILITIES (MPD) PROJECT DATA FORM	<input type="checkbox"/>	<input type="checkbox"/>
B.16.01	STRUCTURAL DESIGN DATA	14B-16-1603	<input type="checkbox"/>	<input type="checkbox"/>
B.18.01	GEOTECHNICAL REPORT	14B-18-1806.1, 14B-18-1803.6	<input type="checkbox"/>	<input type="checkbox"/>
E.02.01	ELECTRICAL DRAWINGS	14E-2-215.5	<input type="checkbox"/>	<input type="checkbox"/>
M.01.01	MECHANICAL EQUIPMENT SCHEDULES / SPECS	14M-4-404.2.1, 14M-4-404.12.1, 14M-4-404.1	<input type="checkbox"/>	<input type="checkbox"/>
M.04.01	MECHANICAL VENTILATION / EXHAUST SCHEDULE	18-28-403.14	<input type="checkbox"/>	<input type="checkbox"/>
N.01.01	ENERGY CONSERVATION CODE COMPLIANCE DATA	14A-4-411.3.13	<input checked="" type="checkbox"/>	<input type="checkbox"/>
P.04.01	PLUMBING FUTURE SCHEDULE	18-29-403.1	<input type="checkbox"/>	<input type="checkbox"/>
P.11.01	STORMWATER MANAGEMENT ORDINANCE PLAN	Ch. 11-18	<input type="checkbox"/>	<input checked="" type="checkbox"/>

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CS-1.1	CODE COMPLIANCE MATRIX
GS-1.0	GENERAL NOTES
GS-2.0	GENERAL NOTES
GS-3.0	STRUCTURAL NOTES
GS-4.0	ACCESSIBILITY DIAGRAMS
GS-5.0	ACCESSIBILITY NOTES
LS-100	LANDSCAPE PLAN
A-200	FLOOR PLAN - 1st FLOOR
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M-500	MECHANICAL - 1st FLOOR
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E-601	POWER & LIGHTING PLAN - 1st FLOOR
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P-700	PLUMBING GENERAL NOTES
P-701	PLUMBING RISER DIAGRAMS & ENLARGED PLAN
C-800	DEMOLITION NOTES
C-801	DIMENSION PLAN
C-802	GRADING & UTILITY PLAN



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LICENSEE SEAL AND SIGNATURE
LUIS A. MARTINEZ ILLINOIS LIC.#001-014535

DATE: NOV/2021
DESIGN BY: LAM PROJECT MANAGER: DRH
DRAWN BY: DRH PROJECT NUMBER:

NO.	REVISION/ISSUANCE	DATE
1	REVISED PER OWNER REVIEW	11-10-2021
2	REVISED PER OWNER REVIEW	11-16-2021
3	APPROVED PER OWNER REVIEW	11-17-2021
4	CONSTRUCTION DOCUMENTS 25%	02/18/2022
5	CONSTRUCTION DOCUMENTS 50%	03/10/2022
6	CONSTRUCTION DOCUMENTS 75%	03/16/2022
7	CONSTRUCTION DOCUMENTS 100%	03/29/2022
8	CODE COMPLIANCE MATRIX SHT. CS1.1	09/16/2022
9	2nd FL EMERGENCY EXIT SYSTEM	09/16/2022

PROJECT ADDRESS

NMPRAC
3015 W. DIVISION STREET

CHICAGO

ILLINOIS

SHEET TITLE

CODE
COMPLIANCE
MATRIX

SHEET NUMBER

CS-1.1

GENERAL NOTES

GENERAL NOTES:

ALL WORK TO BE DONE IN ACCORDANCE WITH ALL APPLICABLE CITY OF CHICAGO, STATE OF ILLINOIS, AND NATIONAL CODES.
ALL WORK TO COMPLY WITH BUILDING STANDARDS.
SUBCONTRACTORS TO OBTAIN ALL NECESSARY PERMITS AND INSPECTIONS FOR THEIR WORK. SUBMIT TWO COPIES EACH OF ANY REQUIRED PERMITS, INSPECTION REPORTS, AND/ OR CERTIFICATES OF COMPLIANCE TO OWNER.
GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR MEANS, METHODS, TECHNIQUES, AND SEQUENCES OF CONSTRUCTION, AND SHALL FOLLOW ALL LOCAL, STATE, AND FEDERAL SAFETY PROGRAMS.
THE CONTRACTOR SHALL PAY FOR SPECIAL PERMITS, INSPECTIONS, TESTS, CERTIFICATIONS, ETC. REQUIRED IN THE COURSE OF CONSTRUCTION PER CONTRACT DOCUMENTS.
UNLESS NOTED OTHERWISE, THE SUBJECT OF ALL IMPERATIVE SENTENCES IN THE SPECIFICATIONS IS THE CONTRACTOR. FOR EXAMPLE, "PROVIDE AND INSTALL..." MEANS "CONTRACTOR SHALL PROVIDE AND INSTALL..."

HANDLE LUMBER TO AVOID DAMAGE DURING TRANSPORT, UNLOADING, AND MOVING ON THE JOB SITE. HANDLE CHEMICALLY TREATED LUMBER AND PANELS STRICTLY ACCORDING TO MANUFACTURER'S INSTRUCTIONS.
STORE FRAMING LUMBER AND WOOD PANELS PER MANUFACTURER'S INSTRUCTIONS, TO PREVENT DAMAGE AND MOISTURE ABSORPTION. STORE METAL CONNECTORS THAT ARE SUBJECT TO DAMAGE IN WEATHERTIGHT WRAPPING AND IN SAFE LOCATIONS AWAY FROM TRAFFIC OR OTHER SOURCES OF DAMAGE. STORE CHEMICALLY TREATED LUMBER AND WOOD PANELS OUTDOORS UNTIL INSTALLATION. KEEP CHEMICALLY TREATED LUMBER AND WOOD PANELS WELL VENTILATED IF MOVED INDOORS.

DO NOT SCALE DRAWINGS.

VERIFY ALL FIELD DIMENSIONS BEFORE ORDERING FABRICATIONS OR PRODUCTS TO FIT IN PLACE, AND PRIOR TO CONSTRUCTION. NOTIFY ARCHITECT IMMEDIATELY OF EXISTING CONDITIONS AND DIMENSIONS THAT DIFFER FROM THOSE SHOWN IN THE DRAWINGS.
LARGER SCALE DRAWINGS TAKE PRECEDENCE OVER DRAWINGS OF A SMALLER SCALE. THE CONTRACTOR SHALL HAVE COMPLETE RESPONSIBILITY FOR, AND CONTROL OVER, CONSTRUCTION METHODS, TECHNIQUES, PROCEDURES AND PROJECT SAFETY AND SECURITY. PROVIDE ADMINISTRATIVE COORDINATION OF ALL WORK, INCLUDING TRAINED, QUALIFIED EMPLOYEES AND SUBCONTRACTORS AND SUPERVISORY PERSONNEL. ARRANGE AND CONDUCT PRE-CONSTRUCTION AND CONSTRUCTION MEETINGS WITH DESIGN PRINCIPALS, CONSULTANTS, AND CONSTRUCTION TRADES WHEN REQUIRED BY THE OWNER.
ALL CONTRACTORS ARE RESPONSIBLE FOR THEIR OWN TOOLS AND EQUIPMENT. OWNER WILL NOT TAKE RESPONSIBILITY FOR STOLEN EQUIPMENT AND/ OR TOOLS. ANY STATED OBSERVATIONS OF POSSIBLE SAFETY OR SECURITY HAZARDS OFFERED BY THE ARCHITECT OR OWNER IN NO WAY RELIEVES THE CONTRACTOR OF FULL RESPONSIBILITY FOR SUCH CONDITIONS.
ALL CONTRACTORS ARE RESPONSIBLE FOR THEIR OWN PENETRATIONS THROUGH BRICK, CONCRETE, WOOD, ETC. CORING IS THE APPROVED PROCEDURE. DAMAGE WILL BE BACK CHARGED ACCORDINGLY.
ALL PENETRATIONS FOR FIREPLACE CHIMNEY FLUE THROUGH CEILING AND ROOF TO BE FIRE-STOPPED.
ALL TRADES TO BE COORDINATED WITH EACH OTHER AND FULLY INFORMED AND AWARE OF THE WORK OF OTHERS. CONTRACTOR TO COORDINATE FRAMING LAYOUT WITH PLUMBING, ELECTRICAL, AND HVAC CONTRACTORS TO AVOID INTERFERENCE. FRAMING DIMENSIONS ARE TO ROUGH FRAMING UNLESS NOTED OTHERWISE.
SUBSTITUTION OF ANY SPECIFIED ITEM IS NOT PERMITTED EXCEPT THROUGH WRITTEN REQUEST AND WRITTEN APPROVAL BY THE ARCHITECT OR OWNER. THE CONTRACTOR'S REQUEST MUST PROVIDE ALL SPECIFICATION DATA AND CERTIFICATION THAT THE SUBSTITUTION MEETS ALL REQUIREMENTS OF THE ORIGINALLY SPECIFIED ITEM.
PROVIDE WARRANTIES AS SPECIFIED. SUPPLIER OR INSTALLER RESPONSIBLE FOR PERFORMANCE SHALL SIGN WARRANTIES. WARRANTIES SHALL NOT LIMIT LIABILITY FOR NEGLIGENCE OR NON-COMPLIANCE WITH DOCUMENTS.
SUBMIT SAMPLES OF ALL PROPOSED EXPOSED FINISHES AND HARDWARE FOR APPROVAL BY THE OWNER.
REVISIONS, ADDITIONS, OR DELETIONS TO THE WORK UNDER THIS AGREEMENT WILL BE MADE BY WRITTEN ORDER SIGNED BY OWNER AND CONTRACTOR.
CLEAN UP: ALL CONTRACTORS ARE RESPONSIBLE FOR CLEANING THEIR OWN CONSTRUCTION DEBRIS. CONTRACTORS NOT CLEANING THE JOB SITE ON A DAILY BASIS WILL BE BACK CHARGED ACCORDINGLY.
KEEP ALL WORK CLEAN AND WELL PROTECTED FROM DIRT, WEATHER, THEFT, AND DAMAGE. KEEP THE BUILDINGS AND SITE WELLS ORGANIZED AND CLEAN THROUGHOUT THE CONSTRUCTION PERIOD. PROVIDE GENERAL CLEAN UP DAILY AND COMPLETE WEEKLY PICKUP AND REMOVAL OF ALL SCRAP AND DEBRIS FROM THE SITE. EXCEPTION: REUSABLE SCRAP SHALL BE STORED IN A NEATLY MAINTAINED DESIGNATED STORAGE AREA. DAILY CLEANUP SHALL INCLUDE A THOROUGH BROOM-CLEAN SWEEP OF ALL INTERIOR SPACES. IN ADDITION, EACH WEEK, SWEEP PAVED AREAS ON THE SITE AND PUBLIC PAVED AREAS ADJACENT TO THE SITE. COMPLETELY REMOVE SWEEP DIRT AND DEBRIS. AT COMPLETION OF THE WORK, REMOVE FROM THE JOB SITE ALL TOOLS AND EQUIPMENT, SURPLUS MATERIALS, SCRAP AND DEBRIS. INTERIOR AND EXTERIOR OF BUILDING: INSPECT INTERIOR AND EXTERIOR SURFACES AND REMOVE ALL WASTE MATERIALS, PAINT DROPPINGS, SPOTS, STAINS OR DIRT. GLASS: CLEAN INSIDE AND OUTSIDE SO THERE ARE NO SPOTS OR DIRT, AND NO SMUDGES OR STREAKS REMAIN FROM THE CLEANING PROCESS.
THE CONTRACTOR SHALL PROMPTLY PAY FOR ALL LABOR, EQUIPMENT, MATERIALS AND SERVICES REQUIRED TO COMPLETE THE WORK AS DESCRIBED IN THE CONSTRUCTION AGREEMENT.
THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ALL DAMAGES CAUSED BY HIS EMPLOYEES OR SUBCONTRACTORS. THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ALL ERRORS, OMISSIONS, AND NEGLIGENCE, NON-COMPLIANCE WITH DRAWINGS AND SPECIFICATIONS, OR UNCORRECTED WORK BY EMPLOYEES, SUPPLIERS, FABRICATORS, AND SUBCONTRACTORS.
THE CONTRACTOR SHALL HOLD HARMLESS THE OWNER AND ARCHITECT FROM AND AGAINST ALL CLAIMS, DAMAGES, LOSSES, EXPENSES, LEGAL FEES OR OTHER COSTS RESULTING FROM THE CONTRACTOR'S PERFORMANCE OF THE WORK OF THE CONSTRUCTION AGREEMENT.

SITEWORK:

GENERAL:

PROVIDE BARRIERS, PROTECTIVE COVERS, SECURITY LIGHTING, FENCING, AND WARNING SIGNS ETC. FOR PROJECT SAFETY AND SECURITY AND TO COMPLETE THE WORK AS SPECIFIED. PROTECT ADJACENT PRIVATE OR PUBLIC PROPERTY FROM DUST OR DEBRIS.

MATERIALS:

FASTENERS, CONNECTORS, AND SUPPORTS: USE HOT-DIP GALVANIZED STEEL FOR EXTERIOR, HIGH HUMIDITY, AND TREATED WOOD LOCATIONS.
NAILS SHALL BE COMMON WIRE OR SPIKE NAILS AS SHOWN ON NAILING SCHEDULE. FOLLOW ALL NAIL SIZE REQUIREMENTS AND NAIL SPACING REQUIRED BY THE GOVERNING BUILDING CODE.

NAILING SCHEDULE

NAILING OF FRAMING MEMBERS SHALL BE AS FOLLOWS:

JOIST TO SILL OR GIRDER TOE NAIL.....3-8D
SUB-FLOOR TO JOIST FACE NAIL.....2-8D
SOLID PLATE TO JOIST OR BLOCKING.....16D
FACE NAIL.....16"O.C
TOP OR SOLE PLATE TO STUD, END NAIL.....2-16D
STUD TO SOLE PLATE, TOE NAIL.....3-8D OR 2-16D
DOUBLE STUDS, FACE NAIL.....16D 24" O.C.
DOUBLE TOP PLATE, FACE NAIL.....16D 24" O.C.
TOP PLATES, LAPS AND INTERSECTIONS, FACE NAIL.....2-16D
CONTINUED HEADER, TWO PIECES.....16D 16"O.C.ALONG EACH EDGE
CEILING JOIST TO PLATE, TOE NAIL.....3-8D
CONTINUOUS HEADER TO STUD, TOE NAIL.....4-8D
CEILING JOIST, LAPS OVER PARTITIONS, FACE NAIL3-16D
CEILING JOIST TO PARALLEL RAFTERS, FACE NAIL.....3-16D
RAFTER TO PLATE, TOE NAIL.....2-16D
1" BRACE TO EACH STUD AND PLATE, FACE NAIL.....2-8D/ 2 STAPLES, 1 3/4"
BUILT UP CORNER STUDS.....16D 24" O.C.
BUILT UP CORNER AND BEAMS.....16D 12" O.C.
Ø TOP & BOTTOM, STAGGERED.....2-20D & EA. SPLICE
Ø ENDS
ROOF RAFTERS TO RIDGE, VALLEY OR
HIP RAFTERS: TOE NAIL.....4-16D
FACE NAIL.....3-16D

NOTE:

A. ALL NAILS ARE SMOOTH COMMON BOX OR DEFORMED SHANKS EXCEPT WHERE NOTED OTHERWISE.
B. NAILS, AS A GENERAL DESCRIPTION MAY BE T HEAD, MODIFIED ROUND HEAD OR ROUND HEAD.
C. STAPLES ARE 16 GA WIRE AND HAVE A MINIMUM 7/16 CROWN WIDTH.
D. FOR ADDITIONAL INFORMATION AND ALTERNATIVES, REFER TO LOCAL BUILDING CODE.
POWER-DRIVEN NAILING: COMPLY WITH STANDARDS OF THE INTERNATIONAL STAPLE, NAIL AND TOOL ASSOCIATION.
MACHINE BOLTS SHALL COMPLY WITH ASTM A307. LAG BOLTS TO COMPLY WITH FEDERAL SPEC FF-F-1. DRILL HOLES 1/16" LARGER THAN BOLT DIAMETERS. USE WASHERS UNDER ALL NUTS AND BOLT HEADS.
ALL HANGERS, CONNECTORS, AND CROSSBRIDGING SHALL BE TECO, SIMPSON, OR EQUAL, OR AS SPECIFIED BY TRUSS MANUFACTURER.

LUMBER:

S4S, S-DRY UNLESS OTHERWISE INDICATED, GRADE MARKED COMPLYING WITH THE FOLLOWING: GIRDERS, BEAMS, AND GARAGE DOOR HEADER, FLOOR AND ROOF TRUSSES: ENGINEERED AND MANUFACTURED BY A LICENSED TRUSS MANUFACTURER SEE STRUCT. DWGS.
STUDS (2 TO 4 INCHES THICK OR WIDE, 10 FEET IN LENGTH OR SHORTER). GRADE: "STUD" 2 X 4/6/8 SHALL BE WESTERN SPRUCE - PINE FIR NO. 2 WITH AN EXTREME FIBER STRESS IN BENDING (FB) OF 850 PSI, MODULUS OF ELASTICITY OF 1,300,00 PSI AND COMPRESSIONS PARALLEL TO GRAIN (FC) OF 1250 PSI. NON-STRUCTURAL LIGHT FRAMING SPECIES AND GRADE: STANDARD OR BETTER. NO UTILITY GRADE. SILL BOARDS: PRESSURE TREATED SILL GRADE. STRUCTURAL LIGHT FRAMING: NO. 2 OR BETTER. LUMBER FOR MISCELLANEOUS APPLICATIONS SHALL BE STANDARD GRADE UNLESS NOTED OTHERWISE.

SHEATHING AND UNDERLAYMENT:

PLYWOOD SHEATHING: USE APA RATED, PS-1 OR APA PRP-108, EXTERIOR GRADE. SUBFLOORING: APA RATED PLYWOOD SHEATHING, EXTERIOR GRADE. ROOF SHEATHING: APA RATED PLYWOOD, EXTERIOR GRADE. UNDERLAYMENT: APA RATED UNDERLAYMENT, EXTERIOR OR PARTICLEBOARD, ORIENTED STRAND BOARD, OR WATERBOARD WITH WATERPROOF RESIN BINDER.
SILL GASKET ATOP FOUNDATION WALL: GLASS FIBER STRIP WITH WIDTH EQUAL TO PLATE. SUBFLOOR GLUE APA AFG-01, SOLVENT BASE, WATERPROOF. BUILDING PAPER: NO. 15 ASPHALT FELT. VAPOR BARRIER: 6-MIL POLYETHYLENE.
SOLE PLATES AT FIRST FLOOR: DOUGLAS FIR WITH 5/8" ANCHORS TO FOUNDATIONS: 48"O.C. AT EXTERIOR WALLS: 24" O.C. AT DEMISING/SHEAR WALLS.
ALL PLYWOOD SHALL BE DFPA GRADE-MARKED TO COMPLY WITH PSI 66 AND SHALL BE STANDARD C-D FLAT. FLOOR PLYWOOD SHALL BE 3/4" T&G APA 48/24.

ROUGH FRAMING:

MAINTAIN AND REFER TO THE LATEST TRADE STANDARDS. COORDINATE AND COMPLETE ROUGH PLUMBING BEFORE STARTING FRAMING. CROSS-COORDINATE PLUMBING, ELECTRICAL AND HVAC REQUIREMENTS WITH FRAMING PLAN.
FRAMING DIMENSIONS ARE TO ROUGH FRAMING UNLESS NOTED OTHERWISE.
IDENTIFY ACTUAL DIMENSIONS OF ALL REQUIRED ROUGH OPENINGS IN FRAMING.
PROVIDE LIFTS OR CRANES TO ASSIST HIGH-LEVEL FRAMING. VERIFY THAT MATERIALS ARE STORED TO NOT OVERLOAD OR INTERFERE WITH CONSTRUCTION.
INSTALL ALL FRAMING MEMBERS AS PER DRAWINGS, MANUFACTURER'S INSTRUCTIONS, DETAILS, AND BUILDING CODE REQUIREMENTS.

WOOD:

GENERAL:

PROVIDE AND INSTALL WOOD FRAMING AND CARPENTRY AS SHOWN ON THE DRAWINGS AND AS SPECIFIED HEREIN. WORK INCLUDES ALL CONNECTORS, AND RELATED HARDWARE AND MATERIALS.
ENGINEERED WOOD PRODUCTS SHALL BE ENGINEERED AND MANUFACTURED BY A LICENSED TRUSS MANUFACTURER. TRUSS MANUFACTURER TO SUPPLY ALL BRIDGING, STRONGBACKS, ETC., AND PROVIDE ANY ADDITIONAL TRUSSES, WHICH MAY BE REQUIRED FOR, FIXED STATIONARY LOADS, SUCH AS APPLIANCES, BATHTUBS, ETC.
MANUFACTURER SHALL SUBMIT LAYOUT AND CALCULATIONS TO ARCHITECT, OWNER, AND GOVERNING AGENCIES PRIOR TO INSTALLATION. MANUFACTURER'S DRAWINGS SHALL BE SEALED BY REGISTERED STRUCTURAL ENGINEER.
ALL STRUCTURAL LUMBER TO HAVE AN EXTREME FIBER STRESS IN BENDING OF NOT LESS THAN 1500 LBS. PER SQUARE INCH. ALL CONNECTIONS SHALL BE OF SUFFICIENT SIZE AND CAPACITY TO CARRY ALL SUPERIMPOSED LOADS AS REQUIRED BY THE CITY OF CHICAGO BUILDING CODE.
ALL WORK SHALL BE AS PER CURRENT LOCAL BUILDING CODE AND THE MANUAL FOR WOOD FRAME CONSTRUCTION, AMERICAN FOREST AND PAPER ASSOCIATION (NFPA), NATIONAL DESIGN SPECIFICATIONS FOR WOOD CONSTRUCTION OF THE NFPA, PLYWOOD SPECIFICATIONS AND GRADE GUIDE OF THE AMERICAN PLYWOOD ASSOCIATION.
WOOD IN CONTACT WITH CONCRETE, MASONRY OR SOIL SHALL BE PRESSURE-TREATED.

DESIGN LOADS:

DEAD LOAD:
STRUCTURE.....10 PSF
ROOF.....20 PSF
SUPERIMPOSED DEAD LOADS:
PARTITION.....20 PSF
LIVE LOADS:
RESIDENTIAL/COMMERCIAL.....40/60 PSF
CORRIDORS, LOBBIES, AND STAIRWAYS.....100 PSF
PRIVATE ROOF DECKS.....60 PSF
BALCONIES.....100 PSF
ROOF.....25 PSF

SNOW LOAD:
UNIFORM.....30 PSF
DRIFT.....30 PSF -7' WIDE

WIND LOAD:
STRUCTURE.....20 PSF

VERTICAL FRAMING SHALL BE PLUMB WITHIN 1/4" PER 10 LINEAR FEET AND HORIZONTAL FRAMING SHALL BE LEVEL WITH 1/4" PER 10 LINEAR FEET.
MOISTURE CONTENT OF FRAMING LUMBER SHALL BE 19% OR LESS BY WEIGHT. TESTS WILL BE CONDUCTED ON ALL NEWLY SHIPPED LUMBER TO CONFIRM MOISTURE CONTENT. KILN-DRIED OR OTHER LUMBER REQUIRING LOWER MOISTURE CONTENT SHALL BE AS SPECIFIED.
FOLLOW APPLICABLE LUMBER GRADING AGENCY STANDARDS IN ACCEPTING OR REJECTING DELIVERED LUMBER. REJECT SPECIAL, REQUIRED LUMBER THAT IS NOT MARKED AND CERTIFIED AS PRESERVATIVE-TREATED OR KILN-DRIED.
REJECT ANY DELIVERED FRAMING LUMBER THAT IS NOT GRADE STAMPED AND CERTIFIED BY A BONA FIDE GRADING AGENCY.
IDENTIFY FRAMING LUMBER BY GRADE AND STORE EACH GRADE SEPARATELY.
DO NOT ACCEPT OR USE LUMBER THAT DEVIATES FROM GRADE STANDARDS OR HAS EXCESSIVE MOISTURE CONTENT OR OTHER DEFECTS. REMOVE UNSTAMPED OR DEFECTIVE LUMBER FROM THE JOB SITE.

STUD FRAMING:

A. CONSTRUCT CORNERS AND INTERSECTIONS WITH NOT LESS THAN THREE STUDS. INSTALL MISCELLANEOUS BLOCKING AND FRAMING AS SHOWN AND REQUIRED FOR SUPPORT OF FACING MATERIALS. FIXTURES, ACCESSORIES, SPECIALTY ITEMS, AND TRIM.
B. FRAME OPENINGS WITH MULTIPLE STUDS AND HEADERS. INSTALL NAILED HEADER MEMBERS OF THICKNESS EQUAL TO WIDTH OF STUDS. SET HEADERS ON EDGE AND SUPPORT JAMB STUDS.
1. FOR NON-BEARING PARTITIONS, INSTALL DOUBLE JAMB STUDS AND HEADERS NOT LESS THAN 4 INCHES DEEP FOR OPENINGS 3 FEET AND LESS IN WIDTH, AND NOT LESS THAN 6 INCHES DEEP FOR WIDE OPENINGS.

STUDS:

2X4 OR 2X6 INTERIOR NON-LOAD BEARING SPF, NO. 2 & BETTER, @ 16" O.C., 2 X ____ (AS SPECIFIED) LIGHT STEEL FRAMING, SEE WALL TYPES.
PERIMETER FRAMING:
25GA. METAL STUDS @ 16" O.C.
FLOOR TRUSSES:
12" & 18" DEEP ENGINEERED WOOD TRUSSES AT 19.2" O.C. OR EQUAL.
ROOF TRUSSES:
12" & 18" DEEP ENGINEERED WOOD TRUSSES AT 19.2" O.C. OR EQUAL.
ALL EXTERIOR WALL OPENINGS IN BEARING WALLS ARE TO HAVE MINIMUM (2) 2 X 12 W/ 1/2" PLYWOOD FLITCH PLATE HEADERS NAILED TOGETHER UNLESS OTHERWISE NOTED ON DRAWINGS.
ALL JOINTS OF WOOD WALL PLATES SHALL OCCUR OVER THE CENTER POINT OF A WALL STUD.
DOUBLE TOP PLATE JOINTS SHALL BE OFFSET NOT LESS THAN 48". WHERE PLATES ARE CUT FOR MECHANICAL TRADES, THEY SHALL BE TIED TOGETHER WITH 1-1/2" X 1-1/2" X 1/8" STEEL ANGLES SPIKED TO CONSTRUCTION, OR EQUAL APPROVED BY BUILDING DEPARTMENT AND OWNER.
NOTCHING AND BORING OF FLOOR JOISTS, EXTERIOR WALLS, BEARING WALLS, NON-BEARING WALLS, AND OTHER BUILDING ELEMENTS SHALL BE SUBJECT TO THE LIMITATIONS SET FORTH BY THE GOVERNING CODES. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
THE CUTTING, NOTCHING OR ALTERING OF TRUSS COMPONENTS IN ANY FASHION WILL NOT BE ALLOWED.
ALL MULTIPLE MEMBER BEAMS, SUCH AS (2) 2X12'S OR (3) 2X 12'S, ARE INTENDED TO HAVE FULL-LENGTH MEMBERS. SPLICING OF MEMBERS IS NOT ACCEPTABLE. BEAM MEMBERS SHALL BE FULL-LENGTH FROM BEARING POINT TO BEARING POINT.
PROVIDE FIRESTOPPING IN CONCEALED SPACES OF STUD WALLS AND PARTITIONS, INCLUDING FURRED SPACES, AT THE CEILING AND FLOOR LEVEL AT ALL INTERCONNECTIONS BETWEEN CONCEALED VERTICAL AND HORIZONTAL SPACES SUCH AS SOFFITS, DROPPED CEILINGS, COVE CEILINGS, ETC., AND IN CONCEALED SPACES BETWEEN STAIR STRINGERS AT THE TOP AND BOTTOM OF THE RUN. PROVIDE NON-COMBUSTIBLE FIRESTOPPING MATERIAL AT OPENINGS AROUND VENTS, PIPES, DUCTS, CHIMNEYS AND FIREPLACES AT CEILING AND FLOOR LEVEL, FOR A MINIMUM DISTANCE AWAY FROM PIPE OF FLUE AS REQUIRED BY MANUFACTURER'S SPECIFICATIONS, OR AS REQUIRED BY CODE. CUTOUTS IN FIRESTOPPING FOR MECHANICAL TRADES SHALL BE THE MINIMUM SIZE NECESSARY AND SEALED WITH A FIRESTOPPING CAULK TO MAINTAIN THE INTEGRITY OF THE FIRESTOPPING MATERIAL. FIRESTOPPING CAULK SHALL BE TESTED BY A CABO APPROVED TESTING AGENCY.

INSTALL JOIST HANGERS AND BRIDGING AS PER DRAWINGS, MANUFACTURER'S INSTRUCTIONS, AND BUILDING CODE REQUIREMENTS.
INSTALL PLYWOOD SUBFLOORING AS PER DRAWINGS AND CODE REQUIREMENTS.
GLUE AND SECURE SUBFLOORING TO FLOOR JOISTS WITH SCREW-TYPE NAILS.
SUBFLOOR-TO-JOIST CONNECTIONS MUST BE SUFFICIENT TO TOTALLY PREVENT ANY SQUEAKING OF FLOORING. FLOOR SQUEAKING WILL BE REMEDIED AS DIRECTED BY THE OWNER AT THE CONTRACTOR'S EXPENSE.
COMPLETED SUBFLOORING SHALL BE LEVEL WITHIN 1/4" PER 10 LINEAR FEET, FREE FROM DEPRESSIONS OR HUMPS AND PATCHED TO REPAIR HOLES, SPLITS, AND CONSTRUCTION DAMAGE.
INSTALL PLYWOOD SHEAR WALL CONSTRUCTION AS PER THE DRAWINGS AND AS REQUIRED BY BUILDING CODE. INSTALL WALL SHEATHING PANELS SO THAT EDGES HAVE FULL BEARING ON FRAMING. INCLUDE 1/8" EXPANSION JOINTS BETWEEN SHEATHING PANELS.
COORDINATE ELECTRICAL STUB-UPS WITH THE FRAMING PLAN. COORDINATE GIRDERS, FLOOR JOIST, AND STUD WALLS WITH PLUMBING, HVAC DUCTS AND VENTS. RECESS FLOOR JOIST TO ALLOW FOR CHANGES IN FLOOR ELEVATIONS AND SURFACES.
SUPPLY AND COORDINATE IN-WALL FIXTURES, ACCESSORIES, AND EQUIPMENT SUPPORTS SUCH AS IN-WALL BLOCKING, ANCHORS, BRACKETS, GROUNDS, CURBS, AND OTHER SUPPORTS.
PROVIDE JOINTS AND CONNECTORS AT NON-WOOD CONSTRUCTION TO ALLOW FOR SHRINKAGE, EXPANSION AND OTHER MOVEMENT OF THE WOOD. PROVIDE CLEARANCES BETWEEN FRAMING AND OTHER CONSTRUCTION THAT MAY BE SUBJECT TO DIFFERENTIAL MOVEMENT.
SET AND PREPARE FRAMING AS REQUIRED FOR TILE OR OTHER WATERPROOF WALL FINISH.
INSTALL ALL SUPPORT FRAMING, FURRING, AND BACKING PLUMB, SQUARE, ALIGNED, AND WELL SECURED SO SURFACES WILL NOT MOVE OR DEFLECT. PREPARE FRAMING FOR WATERPROOF FINISHES WHERE WATERPROOFING REQUIRED.
EXTERIOR WALLS TO HAVE A BUILDING WRAP AIR INFILTRATION BARRIER BEHIND THE EIFS AND RUN CONTINUOUSLY OVER ALL BOX SILLS.
COMBINE THERMAL INSULATION WITH FRAMING AS SHOWN ON DRAWINGS.
COMBINE SOUNDPROOFING FRAMING AS SHOWN ON DRAWINGS. INSTALL SOUND BARRIER MATERIAL, GASKETS, AND CLIPS AS PER MANUFACTURER'S INSTRUCTIONS. DO NOT ALLOW ANY SOUND TRANSFER CONNECTIONS WITHIN SOUNDPROOF PART WALL CONSTRUCTION.
PROVIDE ROOF VENTING TO SUPPLY ENCLOSED RAFTER SPACES WITH CROSS-VENTILATION FOR EACH SEPARATE SPACE. THE MINIMUM REQUIRED NET FREE VENTILATING AREA SHALL BE 1/300 OF THE AREA OF THE SPACE VENTILATED. COORDINATE WITH ROOFING CONTRACTOR.
PROVIDE FIRE PROTECTION FACILITIES AND ALL NECESSARY FIRE PROTECTION PRECAUTIONS DURING CONSTRUCTION. INSTALL REQUIRED CONCEALED FIREPROOFING SUCH AS UNDER ENCLOSED STAIRS. PROVIDE OPENINGS FOR INSPECTION OF CONCEALED WORK BEFORE CLOSING IN.

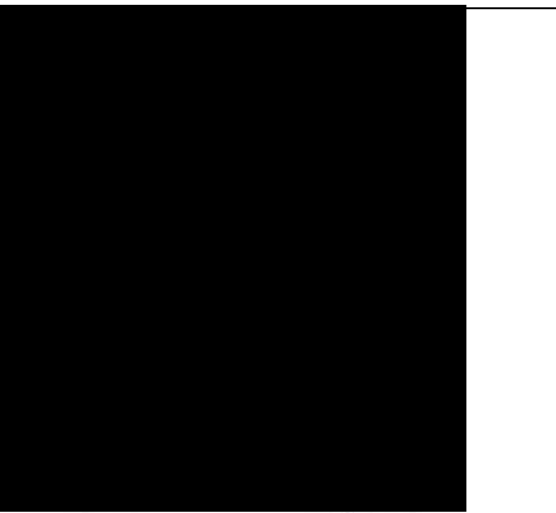
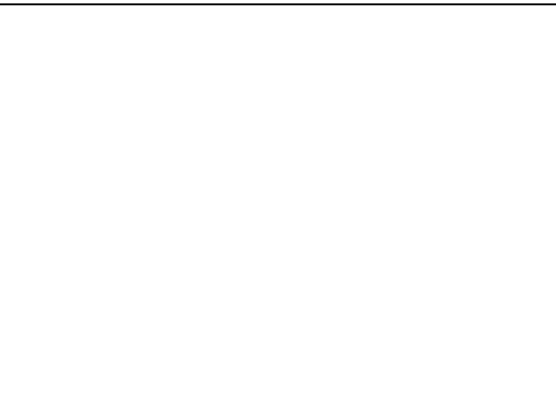
CHECK AND VERIFY CORRECTNESS OF EACH STAGE OF FRAMING BEFORE INSTALLING SUBSEQUENT FRAMING. REMOVE ALL UNUSABLE WOOD SCRAPS FROM SITE. CALL FOR BUILDING DEPARTMENT INSPECTION BEFORE CLOSING UP CONCEALED WORK.
WHERE NOT SHOWN ON NAILING SCHEDULE, NAILS SHALL PENETRATE NOT LESS THAN 1/2 THE LENGTH OF NAIL. EXCEPTION: 16D NAILS MAY CONNECT TWO PIECES OF 2" THICKNESS. REMOVE AND REPLACE SPLIT FRAMING MEMBERS.
USE NAILING MACHINES OR POWER HAMMERS ACCORDING TO MANUFACTURER'S REQUIREMENTS. PROVIDE CORRECT SIZES AND TYPES OF NAILS FOR USE IN NAIL GUNS.
CHECK AND TIGHTEN ALL BOLT CONNECTIONS AFTER THEY ARE INSTALLED. RECHECK AND RETIGHTEN ALL BOLT CONNECTIONS BEFORE FINAL CONSTRUCTION IS COMPLETED.

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DATE: NOV/2021
DESIGN BY: LAM PROJECT MANAGER: DRH
DRAWN BY: DRH PROJECT NUMBER:

NO.	REVISION/ISSUANCE	DATE
1	REVISED PER OWNER REVIEW	11-10-2021
2	REVISED PER OWNER REVIEW	11-16-2021
3	APPROVED PER OWNER REVIEW	11-17-2021
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8	CODE COMPLIANCE MATRIX SHT. C51.1	09/16/2022
9	2nd FL EMERGENCY EXIT SYSTEM	09/16/2022

PROJECT ADDRESS

NMPRAC
3015 W. DIVISION STREET

CHICAGO

ILLINOIS

SHEET TITLE

GENERAL
NOTES

SHEET NUMBER

GS 1.0

GENERAL NOTES

FINISH CARPENTRY AND MILLWORK:

PROVIDE AND INSTALL MATERIALS AS PER DETAIL DRAWINGS, APPLICABLE TRADE STANDARDS, OR APPROVED SAMPLES. PROVIDE WOOD FREE OF SIGNIFICANT DEFECTS OR DEVIATIONS FORM GRADE STANDARDS. DO NO HAVE FINISH MATERIALS DELIVERED UNTIL AFTER THE BUILDING IS CLOSED IN. DO NOT INSTALL FINISH PANELS WITH DEFECTS OR DEVIATIONS FROM GRADE STANDARDS. HANDLE AND STORE WOOD WITH CARE TO AVOID DAMAGE. STORE WOOD AS REQUIRED TO PREVENT DAMAGE AND MOISTURE ABSORPTION. PROPERLY VENTILATE WOOD TREATED WITH PRESERVATIVES; STORE AWAY FROM WORK AREAS.

STORE KILN-DRY MATERIALS TO ASSURE COMPLIANCE WITH TEMPERATURE AND HUMIDITY RESTRICTIONS. COORDINATE WITH FINISH CARPENTRY, FURNISHINGS, FIXTURES, AND EQUIPMENT TO BE INSTALLED BY OTHERS. PROTECT FINISH WORK FOR DAMAGE BY OTHER TRADES. PREPARE SUB-SURFACES TO RECEIVE FINISH MATERIALS. MAKE WOOD JOINTS TO MINIMIZE OR CONCEAL SHRINKAGE. PERFORM ALL WORK PER DETAILS AND APPLICABLE TRADE STANDARDS; SAW CUTS STRAIGHT AND CLEAN, TIGHT FITS WITHOUT GAPS, SPLICES TIGHT AND STAGGERED (NEVER SIDE BY SIDE). ALIGN AND EXACTLY MATCH MITER JOINTS AT EDGES AND CORNERS. INSTALL RUNNING TRIM IN MAXIMUM LENGTHS; DO NOT USE SHORT PIECES OR SPLICING OF SCRAPS. KEEP NUMBER OF JOINTS TO A MINIMUM BY CONSISTENTLY USING MAXIMUM SIZE MATERIAL. INSTALL TIGHT JOINTS WITHOUT GAPS. THOROUGHLY SAND FINISH WORK SMOOTH. FASTEN ALL PIECES STRAIGHT, TRUE AND SECURE. COORDINATE BACKING AND BLOCKING WITH OTHER TRADES WITH INTERFACING WORK. NAIL EXTERIOR TRIM WITH GALVANIZED NAILS. WHERE SANDING IS REQUIRED, SAND WITH GRAIN TO TOTALLY SMOOTH UNBLEMISHED SURFACE. SET FINISH NAILS BEFORE PAINTING OR STAINING. REJECT AS NON-CONFORMING ANY WORK SHOWING VISIBLE DAMAGE OR DEFECTS. PROTECT FINISH WORK FROM CONSTRUCTION DAMAGE. MAKE REPAIRS SO THEY ARE UNDETECTABLE. VACUUM CLEAN ALL WORK SURFACES WHERE SAWDUST ACCUMULATES. REMOVE SCRAPS FREQUENTLY. COMPLETELY VACUUM CLEAN THE WORK AREA FREQUENTLY AND UPON COMPLETION OF FINAL WORK. STAIRWAYS WITHIN UNITS SHALL BE EQUIPPED WITH AT LEAST ONE CONTINUOUS HANDRAIL MEETING THE FOLLOWING REQUIREMENTS:

- A. PROJECT A MINIMUM OF 3-1/2" INTO STAIRWAY.
- B. BETWEEN 30" - 34" HEIGHT MEASURED FROM LEADING EDGE TO TREAD.
- C. GRIP SIZE OD 1-1/4" MINIMUM TO 2" MAXIMUM.
- D. SHALL BE ABLE TO WITHSTAND A CONCENTRATED LOADS OF 200 LBS. APPLIED AT ANY POINT IN ANY DIRECTION ALONG THE TOP RAILING AND SHALL BE ABLE TO WITHSTAND 50 LBS. UNIFORM LOAD APPLIED IN ANY DIRECTION. LOADS NOT APPLIED SIMULTANEOUSLY.

DOORS AND WINDOWS:

DOORS:-

PROVIDE AND INSTALL METAL AND WOOD DOORS AND FRAMES WHERE SHOWN ON THE DRAWINGS AND AS SPECIFIED HEREIN, DOORS AND FRAME TYPES AND SIZES TO BE AS PER THE DRAWINGS AND DOOR SCHEDULE. UNLESS APPROVED BY THE OWNER, PROVIDE ALL RELATED PRODUCTS AND ACCESSORIES FROM ONE MANUFACTURER. COMPLY WITH STANDARDS OF ARCHITECTURAL WOODWORK INSTITUTE FOR THE GRADES SPECIFIED. VERIFY THAT FACTORY PREPARATION AND PREFITTING FOLLOW REQUIRED HARDWARE TEMPLATES. HOLLOW-CORE DOORS MUST CARE CONSTRUCTION AS REQUIRED TO RECEIVE FINISH HARDWARE. PROVIDE DOOR GLAZING WITH STOPS AS REQUIRED. PROVIDE ALL MATERIALS REQUIRED TO COMPLETE THE WORK AS SHOWN ON DRAWINGS AND SPECIFIED HEREIN. DELIVER AND TRANSPORT MATERIALS TO AVOID DAMAGE TO THE PRODUCT OR TO ANY OTHER WORK. RETURN ANY PRODUCTS OR MATERIALS DELIVERED IN A DAMAGED OR UNSATISFACTORY CONDITION. MATERIALS AND PRODUCTS DELIVERED WILL BE CERTIFIED BY THE MANUFACTURER TO BE AS SPECIFIED. STORE MATERIAL SAFETY TO AVOID DAMAGE AND LOCATE TO EXPEDITE THE WORK. STORE DELIVERED DOORS CONSISTENTLY, VERTICAL OR FLAT. PROVIDE SHEET MATERIALS AT BOTTOM AND TOP SIDES TO PROTECT DOORS FROM DAMAGE. LIFT AND CARRY DOORS WHEN MOVING THEM, DO NOT DRAG INTO POSITION. PROVIDE FULL FLUSH DOORS AND FRAMES OF SIZES AND THICKNESS, AND TYPES SHOWN IN DRAWINGS AND DOOR SCHEDULE. 16 GAUGE STEEL FOR EXTERIOR DOORS. REINFORCED FOR FINISH HARDWARE. PROVIDE DOORS THAT ARE STRAIGHT, FREE OF DEFECTS AND BLEMISHES, AND HAVE CORRECT FINISH MATERIAL THICKNESS. VERIFY THAT FACTORY PREPARATION AND PREFITTING FOLLOW REQUIRED HARDWARE TEMPLATES. PROVIDE DOOR GLAZING WITH STOPS AS REQUIRED. PROVIDE FIRE-RATED DOORS AND FIRE-RATED ASSEMBLIES THAT COMPLY WITH ALL BUILDING CODE AND FIRE-CODE REQUIREMENTS. LOUVERS AS SHOWN ON DOOR SCHEDULE. 24 GAUGE IN 20 GAUGE FRAMES. PROVIDE CLEANED, SHOP-PRIMED DOORS AND FRAMES READY FOR FINISH PAINTING AS MANUFACTURED BY CECO OR EQUAL. MANUFACTURER SHALL PREPARE FRAMES FOR FINISH HARDWARE USING HARDWARE SUPPLIER'S TEMPLATES. USE HARDWARE SUPPLIER'S TEMPLATES TO INSTALL OR PREPARE FOR ALL FINISH HARDWARE. DO NOT ALLOW DOOR SWINGS TO CONFLICT WITH ELECTRICAL SWITCHES OR OUTLETS, WALL GUARDS OR RAILS. MONT FRAMES PRIOR TO WALL CONSTRUCTION WHEREVER PRACTICAL TO DO SO. MOUNT FRAMES PLUMB, STRAIGHT, AND SECURELY BRACED UNTIL PERMANENTLY ANCHORED. HANG DOORS STRAIGHT, PLUMB, AND SMOOTH IN OPENING AND CLOSING. PROVIDE CLEARANCES BELOW DOORS AS NECESSARY TO ALLOW FOR THRESHOLDS, CARPETING, WEATHER-STRIPPING, ETC. DO NOT CUT FIRE-RATED DOORS TO NEGATE FIRE RATING. SEAL OR RE-SEAL DOORS WHENEVER THEY ARE CUT. SEAL, STAIN, OR PAINT EXTERIOR DOORS BEFORE OR IMMEDIATELY AFTER INSTALLING THEM. AFTER INSTALLATION, INSPECT ALL DOORS AND FRAMES TO FIND AND REPAIR DAMAGED SURFACES. REPAIR OR REPLACE ANY DAMAGED MATERIAL SO THAT REPAIRS ARE UNDETECTABLE. ANY COSTS FOR REPLACING DOORS FOR NON-COMPLIANCE WILL BE PAID BY THE CONTRACTOR. FINAL DOOR MOUNTS SHALL BE SQUARE, SMOTH OPERATING, AND PLUMB WHEN DOORS ARE CLOSED, PARTIALLY OPEN, AND FULLY OPEN. DELIVER AFTER INTERIOR FINISH MATERIALS ARE DRY AND AFTER BUILDING REACHES AVERAGE LONG-TERM INTERIOR HUMIDITY. PACKAGGING MUST BE SEALED WITH CLEAR MANUFACTURER AND IDENTIFICATION

WINDOWS

PROVIDE WINDOWS COMPLETE WITH GLAZING AND SCREENS AS PER DRAWINGS AND WINDOW SCHEDULE. WINDOWS SHALL BE AS MANUFACTURED BY MANUFACTURER SPECIFIED OR EQUAL. WINDOW DIMENSIONS AND ALIGNMENTS SHALL BE AS PER DRAWINGS AND WINDOW SCHEDULE. INSTALL WINDOWS ACCORDING TO MANUFACTURER'S INSTRUCTIONS. INSTALL WINDOWS THAT ARE WEATHERTIGHT AND ALLOW NO AIR INFILTRATION. INSTALL VENTILATOR HARDWARE TO OPERATE EASILY AND WITHOUT STICKING. INSTALL OPERABLE WINDOWS THAT OPEN AND CLOSE SMOOTHLY WITHOUT RATTLING OR STICKING. CONSTRUCT OPENINGS OF SIX FEET OR LESS WITHIN PLUS OR MINUS 1/16 INCH TOLERANCE IN EACH DIRECTION. CONSTRUCT OPENINGS WITH DIAGONAL DIMENSIONS WITHIN 1/8 INCH OF EACH OTHER. AFTER INSTALLATION, INSPECT ALL WINDOWS AND FRAMES TO FIND AND REPAIR DAMAGE. REPAIR OR REPLACE ANY DAMAGED MATERIALS AS DIRECTED BY THE OWNER. ANY COSTS FOR REPLACING WINDOWS FOR NON-COMPLIANCE WILL BE PAID BY THE CONTRACTOR. AFTER INSTALLATION, PROTECT ALL MATERIALS FROM PHYSICAL AND CHEMICAL DAMAGE. MAKE UNDETECTABLE REPAIRS TO DAMAGED MATERIALS OR FINISHES. TEMPERED GLAZING SHALL BE PROVIDED IN INDIVIDUAL PANES GREATER THAN 9 SQ. FT. WITH AN EXPOSED BOTTOM EDGE LESS THAN 18 INCHES ABOVE THE FINISHED FLOOR, IN STORM DOORS, IN SHOWER AND BATH ENCLOSURES, IN INGRESS AND MEANS OF EGRESS DOORS, IN SIDELIGHTS, IN TRANSOMS, IN SKYLIGHTS, AND AS REQUIRED BY CODE.

HARDWARE

PROVIDE AND INSTALL HARDWARE AS PER HARDWARE SCHEDULE.HARDWARE SHALL BE AS MANUFACTURED BY SCHLAGE OR EQUAL. PROVIDE HARDWARE GROUPS IN QUANTITIES AS SHOWN ON THE DRAWINGS. PROVIDE COMPLETE LOCK AND KEY SYSTEMS AS SHOWN ON HARDWARE SCHEDULE AND SPECIFIED HEREIN. PROVIDE FACTORY KEY AND MASTER KEY LOCKS AND CYLINDERS NUMBER OF KEYS FOR EACH LOCK: TWO NUMBER OF MASTER KEYS: ONE NUMBER OF GRAND MASTER KEYS: ON PROVIDE CONSTRUCTION MASTER KEY SYSTEM. UPON SUBSTANTIAL COMPLETION, CHANGE ALL CONSTRUCTION LOCKS, AND INSTALL FINISH KEYING. FACTORY STAMP KEYS: DO NOT DUPLICATE. TAG PERMANENT KEYS, AND PROVIDE CERTIFIED DELIVERY TO THE OWNER. PROVIDE A COMPLETE SET OF TOOLS AND MAINTENANCE MANUALS FOR ALL LOCKS AND OPERABLE HARDWARE. TEMPORARILY REMOVE OR COVER EXPOSED HARDWARE WHEN PAINTING OR CLEANING ADJACENT MATERIALS. ATTACH ALL HARDWARE SECURELY WITH FASTENERS MADE SPECIFICALLY FOR THAT HARDWARE WITHOUT DAMAGE TO HARDWARE OR FASTENERS. MATCH HARDWARE TYPE, SIZE, AND FINISH WITH ALL SETS OF FASTENINGS SUCH AS SCREWS OR HINGE BUTTS. MATCH ALL REQUIRED SCREWS TO ALL SCREW-ATTACHED HARDWARE, SUCH AS HINGES. SET ALL FLUSH-SET HARDWARE SUCH AS HINGE BUTTS SO THEY ARE TRULY FLUSH WITHOUT ANY PROTRUSION. INSTALL DOORS TO OPEN AND CLOSE EASILY WITHOUT BINDING. DOORS SHOULD CLOSE QUIETLY WITH SECURE FIT AT LATCHES AND TIGHT FIT AT FRAMES. INSTALL DOORFRAMES, HINGES, PUSH-, PULL-, AND KICKPLATES AND STOPS AS PER MANUFACTURER'S INSTRUCTIONS. INSTALL BIFOLD DOOR HARDWARE AS PER MANUFACTURER'S SPECIFICATIONS. INSTALL BIFOLD DOOR TRACKS LEVEL AND SECURE INTO SUPPORTIVE FRAMING. ADJUST BIFOLD DOOR WHEELS FOR SMOOTH LEVEL GLIDE, EASY OPENING, AND SECURE CLOSURE. INSTALL WEATHER-STRIPPING AS PER MANUFACTURER'S INSTRUCTIONS TO CREATE A SECURE SEAL AGAINST AIR INFILTRATION. PROVIDE AND INSTALL ACOUSTIC STRIPS TO CRATE A SECURE SOUND SEAL. KEEP HARDWARE CLEAN. AFTER INSTALLATION, PROTECT FINISHES FROM PHYSICAL AND CHEMICAL DAMAGE. CLEAN AND PROTECT ALL HARDWARE AS RECOMMENDED BY MANUFACTURERS. REPLACE OR MAKE UNDETECTABLE REPAIRS TO DAMAGED MATERIALS OR FINISHES.

FINISHES:

GENERAL: DELIVER, STORE, AND TRANSPORT MATERIALS TO AVOID DAMAGE TO THE PRODUCT OR TO ANY OTHER WORK. RETURN ANY PRODUCTS OR MATERIALS DELIVERED IN A DAMAGED OR UNSATISFACTORY CONDITION. MATERIALS AND PRODUCTS DELIVERED WILL BE CERTIFIED BY THE MANUFACTURER TO BE AS SPECIFIED. TRADES THERE ARE NO CONFLICTS BETWEEN THIS WORK AND WORK OF OTHER TRADES. CONFIRM THAT WORK OF OTHER TRADES THAT MUST PRECEDE THIS WORK HAS BEEN COMPLETED. MEET ALL REQUIREMENTS TO SECURE ANY APPLICABLE WARRANTY. ALL FINISHES SHALL BE CLASS 1, 0-25 FLAME SPREAD RATING. ALL FLOOR COVERINGS SHALL HAVE A FLAME-SPREAD RATING OF 75 OR BETTER. ALL DOORS IN THE DIRECTION OF EGRESS SHALL BE KEYLESS AND REQUIRE NO SPECIAL KNOWLEDGE TO USE.

DRYWALL

GYPSUM WALLBOARD SHALL BE MANUFACTURED BY UNITED STATES GYPSUM, TYPE 'X', OR EQUAL. PROVIDE BOARDS IN 10 FOOT OR OTHER LENGTHS TO MINIMIZE CONSTRUCTION JOINTS. GYPSUM WALLBOARD SHALL BE AS PER FEDERAL SPECIFICATION SS-L-300, IN 48" WIDTHS. PROVIDE WATER-RESISTANT WALLBOARD AT TUB AND SHOWER ENCLOSURES AND OTHER AREAS SUBJECT TO PROLONGED MOISTURE. USE TYPES AND THICKNESSES SPECIFIED BELOW EXCEPT WHERE SHOWN OTHERWISE IN THE DRAWINGS. STANDARD WALLBOARD: TYPE 'X', 5/8" THICK WATER-RESISTANT WALLBOARD: TYPE 'X', 5/8" THICK PROVIDE SEALS FOR SOUND AND THERMAL INSULATION AT FLOOR PLATES, TOP PLATES, CONNECTION TO ADJACENT WALLS, AND ALL CUTOUTS. METAL TRIM: ZINC-COATED STEEL 26-GAUGE MIN, AS PER FEDERAL SPECIFICATION QQ05-775, CLASS D OR E. CASING BEADS: CHANNEL-SHAPES WITH EXPOSED WING, AND CONCEALED WING NOT LESS THAN 7/8" WIDE.

CORNER BEADS: ANGLE SHAPES WITH WINGS NOT LESS THAN 7/8" WIDE. PERFORATED FOR NAILING AND JOINT TREATMENT. ALTERNATIVELY, USE PAPER/METAL COMBINATION BEAD SUITABLE FOR JOINT TREATMENT. EDGE BEADS AT CEILING PERIMETER: ANGLE SHAPES WITH WINGS 3/4" WIDE MINIMUM. CONCEALED WING PERFORATED FOR NAILING, EXPOSED WIND EDGE FOLDED FLAT. FINISH DRYWALL JOINTS AND CONCEAL ALL FASTENERS USING USG "PERF-A-TAPE" SYSTEM OR EQUAL. APPLY FINISHING COMPOUND, SAND AND REPEAT AS NEEDED TO COMPLETELY CONCEAL ALL JOINTS AND FASTENERS. PROVIDE ADDITIONAL SUPPORTS, BRACKETS, TIES, AND FRAMING AS RECOMMENDED OR REQUIRED FOR PROPER INSTALLATION AND RIGID ASSEMBLY. CLEAN ALL SURFACES AND LEAVE READY FOR PAINT. REMOVE ALL EXCESS MATERIALS AND DEBRIS FROM SITE. FASTENERS: FOR GYPSUM WALLBOARD ATTACHED TO WOOD USE 1-1/4" TYPE W BUGLE-HEAD SCREWS. PREPARATION AND COORDINATION: INSTALL BLOCKING AND BACKUPS TO SUPPORT ALL EDGES OF WALLBOARD. VERIFY THAT WOOD FRAMING TO RECEIVE WALLBOARD IS DRY AND NOT SUBJECT TO SHRINKAGE. FOR WALLS AND CEILING, HOLD WALLBOARD 3/8" TO 1/2" UP FROM FLOOR. INSTALL WALL PANELS HORIZONTALLY UNLESS OTHERWISE REQUIRED. STAGGER PANEL JOINTS VERTICALLY. THOROUGHLY SEAL PENETRATIONS IN FIRE-RATED WALLS. BOX IN RECESSES IN FIRE-RATED WALLS. MAKE CUTOUTS FOR ELECTRICAL OUTLETS, SWITCH BOXES, PIP, ETC. TIGHTLY TO SIZE. TAPING AND SPACKLING MUST FOLLOW APPLICABLE TRADE STANDARDS AND MANUFACTURER'S INSTRUCTIONS THROUGHOUT. KEEP TEMPERATURE ABOVE SPECIFIED MINIMUM (USUALLY 55 DEGREES). DO NOT TRACK GYPSUM AND SPACKLE DUST TO CLEAN AREAS. JOINT TREATMENT MUST FOLLOW APPLICABLE TRADE STANDARDS AND MANUFACTURER'S INSTRUCTIONS THROUGHOUT. GYPSUM WALLBOARD MUST FIT COMPLETELY SNUGLY AGAINST SUPPORTING FRAMEWORK. JOINT WORK SHALL BE AT A MINIMUM OF 55 DEGREES F FOR 24 HOURS PRIOR TO WORK. DO NOT ALLOW TRACKING OF GYPSUM AND FINISHING COMPOUNDS ONTO FLOOR SURFACES. AT COMPLETION OF EACH SEGMENT OF WORK IN A ROOM, CLEAN THOROUGHLY AND REMOVE ALL DEBRIS. MAKE FINAL CHECK TO DETERMINE THAT THERE ARE NO PENETRATIONS THROUGH FIRE-RATED WALLS. RECHECK WORK FOR NECESSARY REPAIRS THAT MAY BE REQUIRED BEFORE PAINTING OR OTHER ADDED WORK. COMPLETE REPAIRS AS DIRECTED BY THE OWNER.

TILE

TILE SHALL COMPLY WITH TILE COUNCIL OF AMERICA SPECIFICATION 137.1 "HANDBOOK FOR CERAMIC TILE INSTALLATION". COLORS, TEXTURES, AND PATTERNS WILL BE AS SELECTED BY THE OWNER FROM MANUFACTURE'S SAMPLES. DELIVERED TILE SHALL MATCH SAMPLES APPROVED BY THE OWNER. FLOOR AND WALL TILE SHALL BE MANUFACTURED BY: AMERICAN OLEAN OR EQUAL FLOOR TILE SHALL HAVE COEFFICIENT OF FRICTION NOT LESS THAN 0.05 AS PER ASTM F489, ASTM F609. FLOOR TILE AS PER NATIONAL BUREAU OF STANDARDS TECHNICAL NOTE 895. PROVIDE ALL ACCESSORY SHAPES TO COMPLETE THE WORK. GROUT COLOR SHALL BE AS SELECTED BY THE OWNER. ADHESIVE, SEALANT, AND GROUT AS PER APPLICABLE TRADE STANDARDS AND TILE MANUFACTURER'S INSTRUCTIONS, DELIVERED IN NEW UNOPENED CONTAINERS WITH CORRECT COLOR ADDITIVES. INSTALL WATERPROOFING AND BACKING THAT WILL ABSOLUTELY CLOCK WATER LEAKAGE. ALL WATERPROOFING AND BACKING MUST BE AS PER MANUFACTURER'S INSTRUCTIONS. PREPARE ALL FLOORS FOR TILING SO THE FINISH FLOOR WILL BE EITHER PERFECTLY LEVEL OR SLOPE PROPERLY TO DRAINS. SET LAYOUT START POINTS TO ACHIEVE TILE PATTERNING THAT IS SYMMETRICAL AND COMPLETE. TILE MUST BE INSTALLED AS A COMPLETE, UNINTERRUPTED COVERING. EXTEND TILE INTO RECESSES, UNDER, AND BEHIND FUTURE EQUIPMENT OR FIXTURES. TERMINATE TILE NEATLY AT EDGES, OBSTRUCTIONS, OR PENETRATIONS OF OTHER WORK. LAY TILE IN STANDARD GRID UNLESS SHOWN OTHERWISE ON DRAWINGS OR DIRECTED BY THE OWNER. ALIGN JOINTS OF ADJOINING SAME SIZE TILES ON FLOOR, BASE, WALLS, AND TRIM. IN TILE LAYOUT, CENTER TILE FIELDS BOTH DIRECTIONS ON EACH FLOOR OR WALL AREA. JOINT WIDTHS MUST BE CONSISTENT AND UNIFORM. PERFECTLY MATCH TILE PIECES WITH OTHER TILE WORK. APPLY TILE SURFACE SMOOTHLY AND FEE OF IRREGULARITIES, HUMPS, OR DIPS. INSTALL TILE JOINTS STRAIGHT, LEVEL HORIZONTALLY, ALIGNED AND EXACT VERTICALLY. MAKE TILE CUTS UNIFORM AND NOT SMALLER THAN HALF A TILE. COMPLETE GROUTED OR THIN-SET ADHESION SO NO TILES CAN BE PULLED LOOSE. COMPLETELY PROTECT FINISHED TILE, AND ALLOW NO DAMAGE TO THE WORK. USE CLEANING SOLUTIONS AND MATERIALS AS PER MANUFACTURER'S INSTRUCTIONS. WASH TILE SURFACES WITH CLEAN WATER BEFORE AND AFTER CLEANING. REMOVE EXCESS CORROSIVE CLEANING SOLUTIONS FORM SITE. DO NOT EMPTY INTO BUILDING DRAINS. REPAIR AND REPLACE DEFECTIVE WORK. REJECT TILES AND REPLACE IF CHIPPED, SCRATCHED, LOOSE, OR MISALIGNED. REPAIR OR REPLACE ALL DEFECTIVE AND NON-CONFORMING WORK AS DIRECTED BY THE OWNER. MAKE ALL REPAIRS UNDETECTABLE. INSTALL CERAMIC FLOOR TILES ON DUROCK (CEMENTITIOUS BOARD) OR EQUAL AS APPROVED BY OWNER. INSTALL VINYL SHEET FLOORING OVER 1/4" WOODEN UNDERLAYMENT MATERIAL.

WOOD FLOORING:

WOOD STRIP FLOORING: SELECT GRADE PLAIN-SAWN RED OAK, 25/32" THICK; 2-1/4" FACE WIDTH. TONGUE AND GROOVE, END MATCHED. "PRIME" GRADE. REJECT WARPED OR BENT MATERIAL. INSTALL PER FLOORING MANUFACTURER'S INSTRUCTIONS. NAILS, SCREWS, OTHER FASTENINGS AS PER FLOORING MANUFACTURER'S INSTRUCTIONS. RING-SHANK FLOORING NAILS MUST BE LONG ENOUGH TO SECURELY ATTACH THE FLOORING TO SUBSTRATE. NAILS MUST NOT SPLIT THE FLOORING. STORE WOOD FLOORING MATERIALS IN DRY, PROTECTED WORKSPACE 72 HOURS PRIOR TO INSTALLATION. CONFIRM DRAWINGS AND SPECIFICATIONS WITH SUBCONTRACTOR. CONSTRUCT JOINTS WITHIN TOLERANCES REQUIRED BY FLOORING MANUFACTURER. DO NOT ALLOW END JOINTS TO OCCUR SIDE BY SIDE. SEPARATE BY AT LEAST TWO STRIPS. DO NOT DAMAGE TONGUES AND GROOVES BEFORE OR DURING APPLICATION. USE SMALL OR VARIED STRIPS SPARINGLY AND NEVER NEAR ONE ANOTHER. PROVIDE EXPANSION JOINT SPACE AT ALL WALLS (1/2 INCH MIN). SAND PROMPTLY AFTER INSTALLATION AND CLEANING. SAND CONSISTENTLY SMOOTH WITHOUT LUMPS, DEPRESSIONS, OR BURNS. SCHEDULE SANDING TO AVOID CONTAMINATING OTHER WORK. THOROUGHLY VACUUM AWAY ALL SANDING DUST AND CLEAR AWAY ALL NAILS.

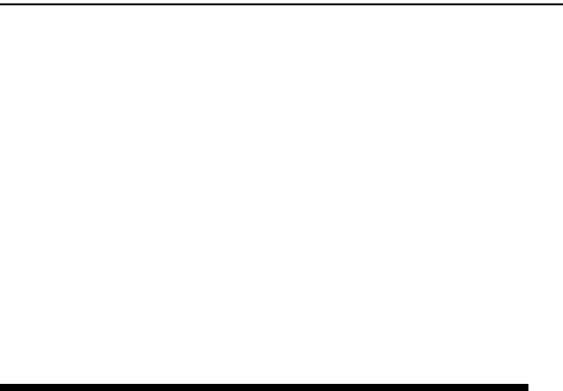
APPLY FINAL FINISH IMMEDIATELY AFTER SANDING AND CLEANING AS PER MANUFACTURER'S INSTRUCTIONS. COVER AND PROTECT FLOOR SURFACES FORM FOOT TRAFFIC, WEATHER INTRUSION, AND OTHER CONSTRUCTION WORK. REPAIR OR REPLACE DEFECTIVE WORK AS DIRECTED BY THE OWNER. MAKE REPAIRS UNDETECTABLE.

PAINTING

FOLLOWING SELECTION OF COLORS BY THE OWNER, SUBMIT SAMPLES FOR THE OWNERS REVIEW. PROVIDE SAMPLES OF EACH COLOR AND GLOSS FOR EACH MATERIAL. SAMPLES SHALL BE ON THE MATERIAL THE FINISH IS SPECIFIED TO BE APPLIED. SAMPLES SHALL BE APPROXIMATELY 8" X 10" IN SIZE. DO NOT START FINISHING PAINTING UNTIL SAMPLES ARE APPROVED AND AVAILABLE AT JOB SITE. STRICTLY FOLLOW PAINT MANUFACTURER'S INSTRUCTIONS AS TO TEMPERATURE, HUMIDITY, AND CONDITION OF WORK SURFACES. PROVIDE ALL MATERIALS AND TOOLS REQUIRED FOR THE WORK. MAINTAIN A PROPER WORK ENVIRONMENT, DRY, CLEAN, WELL VENTILATED, FREE OF AIRBORNE CONSTRUCTION DUST, WELL LIGHTED, IN TEMPERATURE AND HUMIDITY RANGES REQUIRED BY PAINT MANUFACTURER. KEEP HUMIDITY LOW ENOUGH TO PREVENT MOISTURE CONDENSATION ON WORK SURFACES. NEVER APPLY TO DAMP OR WET SURFACES. PREPARE AND CLEAN WORKING SURFACES AS PER PAINT MANUFACTURER'S INSTRUCTIONS. REMOVE OR PROTECT ITEMS ATTACHED TO WORK SURFACES WHICH ARE NOT TO BE PAINTED. AFTER PAINTING IN EACH AREA, REINSTALL REMOVED ITEMS USING WORKERS COMPETENT IN THE RELATED TRADES. FULLY PROTECT ADJACENT OR RELATED WORK THAT MIGHT BE MARRED BY PAINTING. REMOVE OIL AND GREASE WITH CLEAN CLOTHS. CLEANING MUST NOT CONTAMINATE ADJACENT FRESHLY PAINTED SURFACES. CLEANING SOLVENT MUST MEET SAFETY STANDARDS OF GOVERNING BUILDING AND SAFETY CODES. CLEAN WOOD OF DIRT, OIL, AND ANY OTHER MATERIAL THAT MAY INTERFERE WITH PAINTING. SAND EXPOSED WOOD TO SMOOTH UNIFORM SURFACE. DO NOT PAINT WOOD HAVING MOISTURE CONTENT OF WOOD WITH AN APPROVED MOISTURE METER. CLEAN METAL OF DIRT, OIL, AND ANY OTHER MATERIAL THAT MIGHT INTERFERE WITH PAINTING. CLEAN AND ETCH GALVANIZED METAL WITH PHOSPHORIC ACID AS REQUIRED FOR PAINTING. TOUCH UP AND REPAIR ANY DAMAGED SHOP APPLIED PRIME COATS. TOUCH UP BARE AREAS PRIOR TO START OF FINISH COAT APPLICATION. FINISH COAT MATERIALS MUST BE COMPATIBLE WITH PRIME COATS. DO NOT ALLOW PAINT GAPS OR OVERLAPS AT EDGES OF HARDWARE, FIXTURES, OR TRIM. MIX AND APPLY MATERIALS STRICTLY AS PER MANUFACTURER'S INSTRUCTIONS. APPLY PAINT TO THOROUGHLY COVER UNDERCOAT, AND DO NOT ALLOW SHOW-THROUGH, LAP OR BRUSH MARKS OR ANY OTHER DEFECTS. VARY THE HUE OF SUCCEEDING COATS SLIGHTLY TO CLEARLY SHOW COATS ARE APPLIED AS REQUIRED. SAND DEFECTS SMOOTH BETWEEN COATS. DEFECTS ARE DEFINED AS IRREGULARITIES VISIBLE TO THE UNAIDED EYE AT A FIVE-FOOT DISTANCE. KEEP APPROVED SAMPLES ON HAND FOR COMPARISON WITH WORK. ALLOW DRYING TIME BETWEEN COATS AS INSTRUCTED BY THE PAINT MANUFACTURER. WORK AND SMOOTH OUT BRUSH COATS ONTO SURFACE IN AN EVEN FILM. WHERE SPRAYING, APPLY EACH COAT TO PROVIDE THE HIDING EQUIVALENT OF BRUSH COATS. DO NOT DOUBLE BACK WITH SPRAY EQUIPMENT TO BUILD UP FILM THICKNESS OF TWO COATS IN ONE PASS. MATCH APPLIED WORK WITH APPROVED SAMPLES AS TO TEXTURE, COLOR, AND COVERAGE. PAINT VENTILATION REGISTERS, PANELS, ACCESS DOORS, DUCTS, ETC. TO MATCH ADJACENT SURFACES. PAINT BACK SIDES OF ACCESS PANELS TO MATCH EXPOSED SIDES. PAINT VISIBLE DUCT SURFACES BEHIND VENTS, REGISTERS, AND GRILLES AS DIRECTED BY THE OWNER. EXPOSED VENTS: APPLY TWO COATS OF HEAT-RESISTANT PAINT. WASH METAL TO BE PAINTED WITH SOLVENT RECOMMENDED BY PAINT MANUFACTURER. ADD PRIME COAT FOLLOWED BY TWO COATS OF ALKYD ENAMEL. EXPOSED PIPE AND DUCT INSULATION: APPLY ONE COAT OF LATEX ON INSULATION, WHICH HAS BEEN SIZED OR PRIMED UNDER ANOTHER SECTION. APPLY TWO COATS ON SUCH SURFACES WHEN UNPRIMED. REMOVE PIPE OR DUCT BANDS BEFORE PAINTING, AND REPLACE AFTER PAINTING. HARDWARE: PAINT PRIME-COATED HARDWARE TO MATCH ADJACENT SURFACES. ALLOW NO PAINT TO COME IN CONTACT WITH HARDWARE THAT IS NOT TO BE PAINTED. DAMP SPACES: IN BATHROOMS AND OTHER DAMP ROOMS, ADD APPROVED FUNGICIDE TO PAINTS. MAINTAIN THOROUGH DUST AND DIRT CONTROL THROUGHOUT THE PAINTING PROCESS. THOROUGHLY PROTECT ALL SURFACES THAT WON'T BE PAINTED WITH CLEAN, UNDAMAGED DROP CLOTHS AND MASKING TAPE. IMMEDIATELY CLEAN ANY SPILLED MATERIALS AND DO NOT ALLOW DIRT OR SPILLED MATERIALS TO BE TRACKED IN A WORK AREA OR TO OTHER WORK AREAS. ALLOW ABSOLUTELY NO PAINT SMEARS OR SPATTERS TO REMAIN ON ADJACENT SURFACES. UPON COMPLETION OF PAINTING WORK, DELIVER TO THE OWNER AN EXTRA STOCK OF 10% OR MORE OF EACH COLOR, TYPE, AND GLOSS OF PAINT USED IN THE WORK. TIGHTLY SEAL AND CLEARLY LABEL EACH CONTAINER WITH NOTES ON CONTENTS AND LOCATION USED. REMOVE, REFINISH, OR REPAINT WORK NOT IN COMPLIANCE WITH SPECIFIED REQUIREMENTS. REPLACE OR REPAIR ALL NON-CONFORMING WORK AS DIRECTED BY THE OWNER. DO REPAIRS AND TOUCH-UPS SO THEY ARE UNDETECTABLE. CAULK EXTERIOR WINDOW AND DOOR TRIM TO ADJACENT SURFACES.



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LICENSEUR SEAL AND SIGNATURE
LUIS A. MARTINEZ ILLINOIS LIC.#001-0145335

DATE: NOV/2021
DESIGN BY: LAM PROJECT MANAGER: DRH
DRAWN BY: DRH PROJECT NUMBER:

NO.	REVISION/ISSUANCE	DATE
1	REVISED PER OWNER REVIEW	11-10-2021
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5	CONSTRUCTION DOCUMENTS 50%	03/10/2022
6	CONSTRUCTION DOCUMENTS 75%	03/16/2022
7	CONSTRUCTION DOCUMENTS 100%	03/29/2022
8	CODE COMPLIANCE MATRIX SHT. CS1.1	09/16/2022
9	2nd FL EMERGENCY EXIT SYSTEM	09/16/2022

PROJECT ADDRESS

NMPRAC
3015 W. DIVISION STREET

CHICAGO **ILLINOIS**

SHEET TITLE

**GENERAL
NOTES**

SHEET NUMBER

GS 2.0

DESIGN AND LOADING:

STRUCTURAL DESIGN OF THIS BUILDING IS IN ACCORDANCE WITH THE CHICAGO BUILDING CODE – LATEST EDITION
LIVE LOADS USED IN DESIGN ARE AS FOLLOWS:

SNOW	– 25 PSF + DRIFTING SNOW
RESIDENTIAL	– 40 PSF + 15 PSF PARTITIONS
RETAIL	– 100 PSF + 15 PSF PARTITIONS
STAIR	– 100 PSF

FOUNDATIONS:

ALL FOOTINGS SHALL BEAR ON UNDISTURBED SOIL HAVING A MINIMUM ALLOWABLE BEARING CAPACITY OF 3,000 P.S.F. AT APPROXIMATE DEPTH OF 3’6” FEET BELOW GRADE. ACTUAL DEPTH OF FOOTINGS AND VERIFICATION OF BEARING PRESSURES SHALL BE DETERMINED BY A QUALIFIED SOILS ENGINEER.

ALL FOUNDATION EXCAVATIONS SHALL BE INSPECTED BY A SOILS TESTING LABORATORY PRIOR TO PLACEMENT OF CONCRETE.

ALL COMPACTED FILL SHALL BE PLACED IN LAYERS NOT EXCEEDING 9”, AND COMPACTED TO A MINIMUM DENSITY OF 95% UNDER FOOTINGS, 95% UNDER SLABS AND PAVEMENTS, OBTAINED IN ACCORDANCE WITH ASTM D–1557–78 (COHESIVE SOILS).

ALL SLAB–ON–GRADE AREAS SHALL BE PROOF ROLLED. ALL SOFT SPOTS ENCOUNTERED SHALL BE REMOVED AND REPLACED TO FINISHED GRADE WITH APPROVED FILL MATERIAL. FILL MATERIAL FOR ALL SLAB AREAS SHALL BE PLACED IN LAYERS NOT EXCEEDING 9”, AND COMPACTED TO A MINIMUM DENSITY OF 95%, OBTAINED IN ACCORDANCE WITH ASTM D–1557–78 (COHESIVE SOILS).

PLACE BACKFILL EQUALLY ON BOTH SIDES OF FOUNDATION WALLS OR GRADE BEAMS.

CONTRACTOR SHALL NOTIFY ARCHITECT IMMEDIATELY IN THE EVENT THAT THE SOILS CONDITIONS ENCOUNTERED VARY FROM THOSE SHOWN ON THE BORING LOGS.

CONCRETE AND REINFORCING:

ALL CONCRETE WORK SHALL BE IN ACCORDANCE WITH THE ”AMERICAN CONCRETE INSTITUTE BUILDING CODE” (ACI 318) AND WITH ”SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS” (ACI 301), LATEST EDITIONS.

ALL NORMAL WEIGHT CONCRETE (145 P.C.F.) SHALL OBTAIN A MINIMUM 28 DAY COMPRESSIVE STRENGTH AS FOLLOWS:

FOOTINGS	– 3000 PSI
FOUNDATION WALLS/PIERS	– 3000 PSI
SLABS–ON–GRADE	– 3500 PSI

CALCIUM CHLORIDE AND/OR ADMIXTURES CONTAINING CALCIUM CHLORIDE SHALL NOT BE USED IN CONCRETE.

ALL CONCRETE SUBJECT TO EXTERIOR EXPOSURE WITH SPECIFIED STRENGTH LESS THAN 6000 PSI SHALL BE AIR ENTRAINED 4% TO 6%.

TEST CYLINDERS SHALL BE MADE AND TESTED AS OUTLINED IN CHAPTER 16 OF ACI– 301 SPECIFICATION OR PER ARCHITECTURAL SPECIFICATIONS.

COLD WEATHER CONCRETING SHALL BE DONE IN ACCORDANCE WITH ACI–306. HOT WEATHER CONCRETING SHALL BE DONE IN ACCORDANCE WITH ACI–305.

REINFORCING BARS SHALL BE DEFORMED BARS OF NEW BILLET STEEL CONFORMING TO ASTM SPECIFICATION A–615, GRADE 60. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A–185. ALL REINFORCING AND ACCESSORIES SHALL BE DETAILED AND PLACED IN ACCORDANCE WITH ACI STANDARDS 315–80 AND 315R–80.

WELDING OF REINFORCING BARS WILL ONLY BE ALLOWED WHEN SHOWN ON THE STRUCTURAL DRAWINGS. IN NO INSTANCE SHALL WELDING BE DONE AT THE BEND OF A BAR, NOR SHALL THERE BE ANY TACK WELDING DONE BETWEEN CROSSING BARS. WHEN WELDING IS SHOWN, PROCEDURES SHALL BE IN ACCORDANCE WITH ”RECOMMENDED PRACTICE FOR WELDING REINFORCEMENT STEEL, METAL INSERTS AND CONNECTIONS IN REINFORCED CONCRETE CONSTRUCTION”, AWS D12 1–75.

PROVIDE ALL ACCESSORIES NECESSARY TO SUPPORT REINFORCEMENT AT POSITIONS SHOWN ON THE PLANS AND DETAILS. PLASTIC COATED ACCESSORIES SHALL BE USED IN ALL EXPOSED CONCRETE WORK.

FOUNDATION WALLS AND GRADE BEAMS SHALL HAVE A MINIMUM OF TWO (2) – #5 BARS TOP AND BOTTOM CONTINUOUS, UNLESS OTHERWISE SHOWN OR NOTED.

PLACE TWO (2) – #5 BARS (EACH FACE) WITH 2’–0” PROJECTION AROUND ALL OPENINGS IN CONCRETE, UNLESS OTHERWISE SHOWN OR NOTED.

CORNERS OR SPLICE BARS SHALL BE PROVIDED IN ACCORDANCE WITH ACI STANDARDS 315–80 AND 315R–80. CORNER BARS SHALL BE PROVIDED AT ALL WALL CORNERS, EQUAL TO THE HORIZONTAL WALL REINFORCEMENT.

MINIMUM LAP OF REINFORCEMENT BARS SHALL BE EQUIVALENT TO A CLASS ”B” SPLICE, UNLESS OTHERWISE NOTED.

CONTROL JOINTS FOR SLABS–ON–GRADE SHALL BE IN A SQUARE PATTERN AND BE NOT MORE THAN 20 FT. ON CENTER, UNLESS NOTED OTHERWISE ON PLAN.

GENERAL CONTRACTOR SHALL CHECK WITH ARCHITECTURAL, MECHANICAL AND ELECTRICAL DRAWINGS AND CONTRACTORS FOR OPENINGS, SLEEVES, ANCHORS, HANGERS, INSERTS, SLAB DEPRESSIONS AND OTHER ITEMS RELATED TO THE CONCRETE WORK, AND SHALL ASSUME FULL RESPONSIBILITY FOR THEIR PROPER LOCATION BEFORE PLACING CONCRETE. PITCH CONCRETE SLABS AS REQUIRED TO ALL FLOOR DRAINS.

NO STRUCTURAL CONCRETE SHALL BE POURED UNTIL THE CONCRETE DESIGN MIXES, THE CONCRETE PLACEMENT PROCEDURE, THE LOCATION OF CONSTRUCTION JOINTS AND THE SETTING OF REINFORCING STEEL IS REVIEWED BY THE ENGINEER.

NO ALUMINUM OF ANY TYPE SHALL BE ALLOWED IN THE CONCRETE WORK, UNLESS COATED TO PREVENT ALUMINUM–CONCRETE REACTION. THIS INCLUDES PUMPING THROUGH ALUMINUM PIPE.

THE FOLLOWING MINIMUM CONCRETE COVER SHALL BE PROVIDED FOR REINFORCEMENT:

MINIMUM COVER, IN.

(A) CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH... 3

(B) CONCRETE EXPOSED TO EARTH OR WEATHER:

#6 THROUGH #18 BARS...	2
#5 BAR, W31 OR D31 WIRE, AND	

(C) CONCRETE NOT EXPOSED TO WEATHER OR IN CONTACT WITH GROUND:

SLABS, WALLS, JOISTS:	
#14 AND #18 BARS...	1 1/2
#11 BAR AND SMALLER...	3/4

PRIMARY REINFORCEMENT, TIES, STIRRUPS, SPIRALS...	1 1/2
---	-------

SHELLS, FOLDED PLATE MEMBERS:	
#6 BAR AND LARGER...	3/4
#5 BAR, W31 OR D31 WIRE,	

STRUCTURAL STEEL:

STRUCTURAL STEEL SHALL BE DETAILED, FABRICATED AND ERECTED IN ACCORDANCE WITH THE AISC ”SPECIFICATION FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS”, AND THE AISC ”CODE OF STANDARD PRACTICE”.

STEEL SHALL CONFORM TO THE FOLLOWING ASTM SPECIFICATIONS (UNLESS OTHERWISE NOTED).

STRUCTURAL SHAPES AND PLATES	A36, A572 GRADE 50
STRUCTURAL TUBING	A–500 GRADE B

TYPICAL CONNECTIONS FOR STEEL BEAMS SHALL BE STANDARD AISC FRAMED BEAM CONNECTIONS, UNLESS OTHERWISE SHOWN. ALL FIELD CONNECTIONS, EXCEPT WHERE SHOWN WELDED, SHALL BE BOLTED WITH 3/4” DIAMETER HIGH STRENGTH BOLTS CONFORMING TO ASTM A–325–N, OR GREATER, UNLESS OTHERWISE NOTED. CONNECTIONS SHALL BE DESIGNED FOR 60% OF THE TOTAL ALLOWABLE UNIFORM LOAD DERIVED FROM THE AISC MANUAL’S TABLE OF ”UNIFORM LOAD CONSTANTS” FOR NON–COMPOSITE BEAMS.

ALL COPED BEAMS TO BE DESIGNED IN ACCORDANCE WITH APPENDIX ”B” OF THE AISC MANUAL ”ENGINEERING FOR STEEL CONSTRUCTION.” PROVIDE REINFORCING AS REQUIRED. ALL REENTRANT CORNERS TO BE SHAPED,

NOTCH–FREE, TO A RADIUS OF AT LEAST 1/2 INCH.

ALL WELDING ELECTRODES SHALL BE E–70XX. ALL SHOP AND FIELD WELDING SHALL BE MADE IN ACCORDANCE WITH A.W.S. D1.1–88 ”CODE FOR WELDING IN BUILDING CONSTRUCTION,” AND SHALL BE MADE BY QUALIFIED ”CERTIFIED” WELDERS.

ALL HEADED STUDS FOR COMPOSITE CONSTRUCTION SHALL BE 3/4” DIAMETER, 3–1/2 INCH AS–WELDED LENGTH, WITH A MINIMUM CAPACITY OF 11.5 k.

PROVIDE GOVERNMENT ANCHORS FOR BEAMS BEARING ON MASONRY WHERE ANCHOR BOLTS OR OTHER ANCHORAGE IS NOT SPECIFIED.

ALL STRUCTURAL STEEL EXPOSED TO THE ELEMENTS SHALL RECEIVE ONE COAT OF APPROVED SHOP PAINT, IN ADDITION TO FIELD PAINT AS SPECIFIED IN THE ARCHITECTURAL SPECIFICATIONS.

THIS BUILDING’S FRAME IS A NON–SELF–SUPPORTING STEEL FRAME AS DEFINED IN THE AISC CODE OF STANDARD PRACTICE. CONTRACTOR SHALL PROVIDE TEMPORARY SUPPORTS FOR THE FRAME UNTIL ALL CONCRETE FLOOR SLABS, ROOF SLABS (AND TOPPING) AND PRECAST WALLS AND ARE IN PLACE.

PROVIDE HARDENED WASHERS OVER ALL OVERSIZED AND SHORT SLOTTED HOLES IN AN OUTER PLY. PROVIDE 5/16” MINIMUM THICKNESS PLATE WASHERS WITH STANDARD HOLES OVER ALL LONG SLOTTED HOLES IN AN OUTER PLY – SUCH PLATE WASHERS TO COMPLETELY COVER THE SLOT AFTER INSTALLATION.

PROVIDE MINIMUM WELD SIZE PER AISC 1.17.2.



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LICENSEURE SEAL AND SIGNATURE LUIS A. MARTINEZ ILLINOIS LIC.#001–014535		
DATE:	NOV/2021	
DESIGN BY: LAM	PROJECT MANAGER: DRH	
DRAWN BY: DRH	PROJECT NUMBER:	

NO.	REVISION/ISSUANCE	DATE
1	REVISED PER OWNER REVIEW	11–10–2021
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3	APPROVED PER OWNER REVIEW	11–17–2021
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PROJECT ADDRESS

3015
W. DIVISION STREET

CHICAGO

ILLINOIS

SHEET TITLE

STRUCTURAL NOTES

SHEET NUMBER

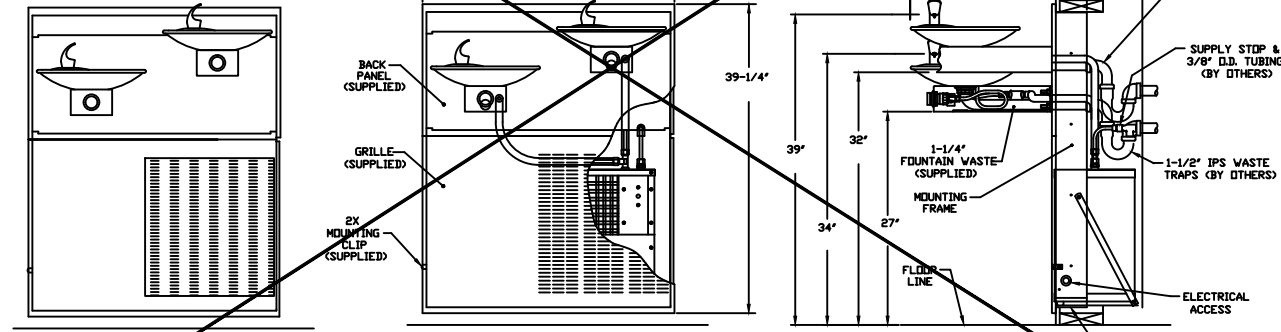
GS 3.0

NATIONAL MUSEUM OF PUERTO RICAN ARTS & CULTURE – ARCHIVE BUILDING

DRINKING FOUNTAIN:
Model #1011.8

Haws Corporation(OR EQUAL)
1435 Fourth Street
P.O. Box 1999
Berkeley, CA 94701-1499
Tel: (510) 525-5801
Fax: (510) 528-2812
E-mail: haws@hawsco.com

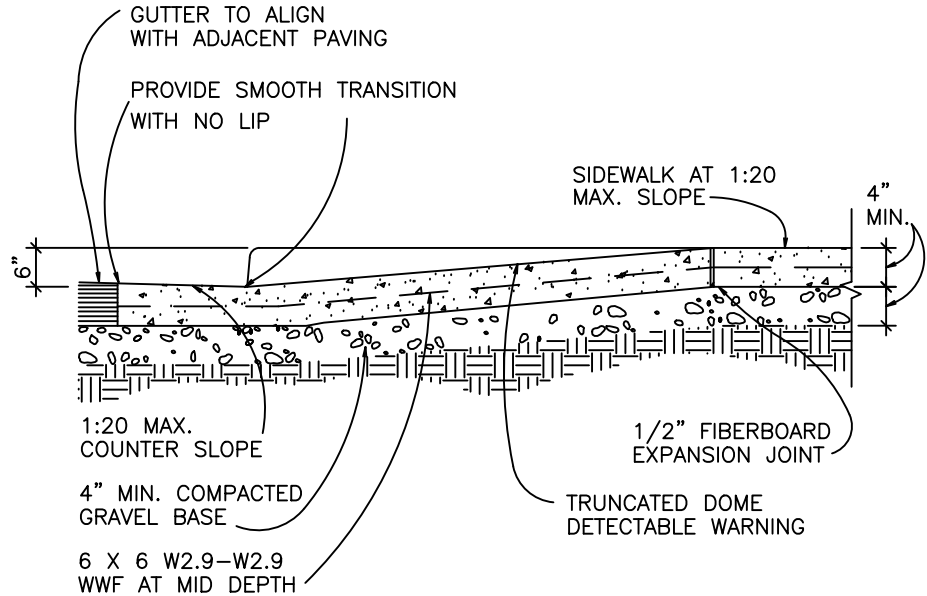
15455/HAW
BuyLine 5129



WATER FOUNTAIN ELEVATION
Scale: N.T.S.

DESIGN CONSIDERATIONS

1. DESIGN STORM DRAIN SYSTEMS TO SHED WATER AWAY FROM CURB RAMP.
2. THE DIMENSIONS SHOWN ARE FOR NEW CONSTRUCTION. FOR ALTERATIONS WHEN THESE DIMENSIONS ARE IMPRACTICAL, REVIEW THE AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES (ADAAG) FOR LESS STRICT DIMENSIONS.
3. THE ADAAG REQUIREMENT FOR DETECTABLE WARNINGS WAS SUSPENDED BY THE ARCHITECTURAL AND TRANSPORTATION BARRIERS COMPLIANCE BOARD, PENDING REVISION OF THE DETECTABLE WARNING DETAIL. FIA AND MANY STATES CONTINUE TO REQUIRE DETECTABLE WARNINGS AT LOCATIONS SHOWN ON THIS PAGE BUT THE DETAILS SPECIFIED VARY.



1/2" (13 mm)
MAX.

NOT ALLOWED

1/4" (6.5 mm)
MAX.

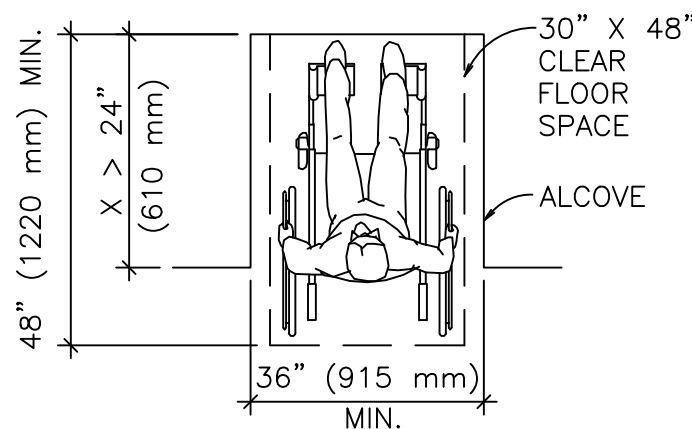
ALLOWED

1/4" to 1/2"
(6.5 TO 13 mm)
MAX.

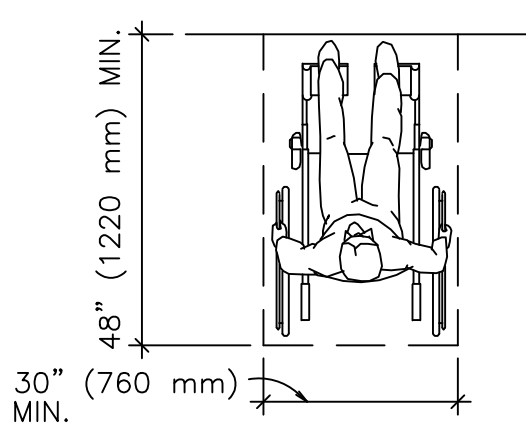
ALLOWED

NOTES

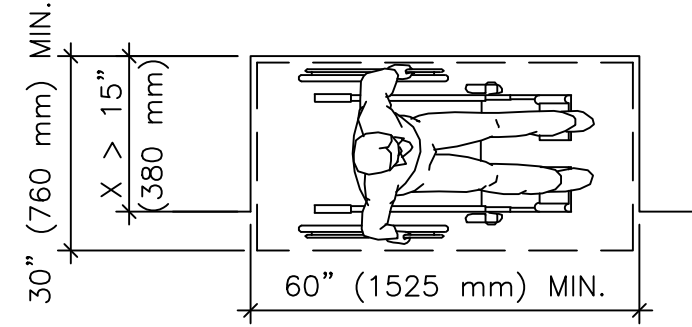
1. CHANGES IN LEVEL GREATER THAN 1/2 IN. (13 MM) MUST BE RAMPED.
2. SOME STANDARDS PROHIBIT CHANGES IN LEVEL IN CLEAR FLOOR SPACE, MANEUVERING CLEARANCES, WHEELCHAIR TURNING SPACE, AND ACCESS AISLES.



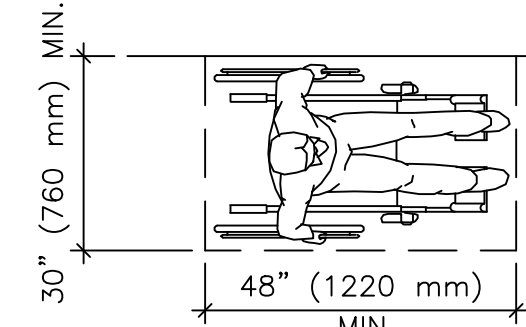
FORWARD APPROACH--ALCOVE



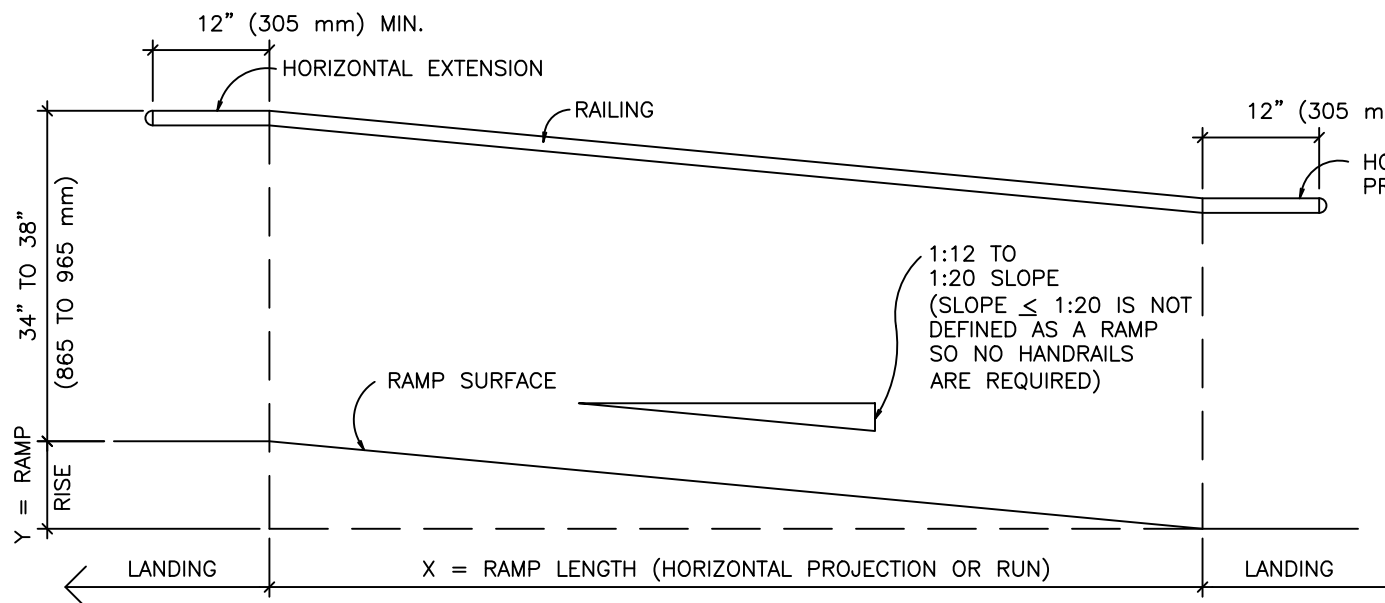
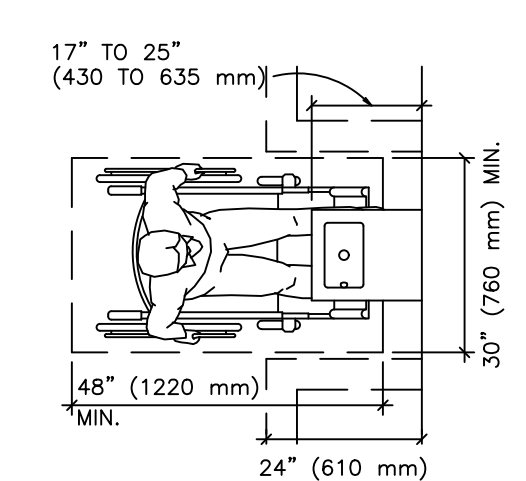
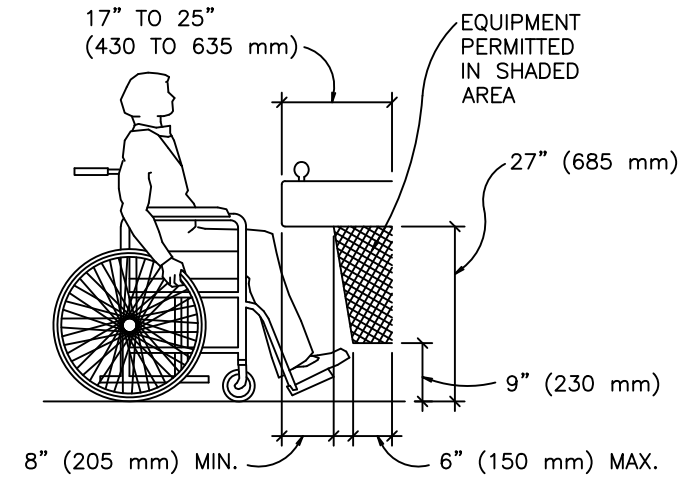
FORWARD



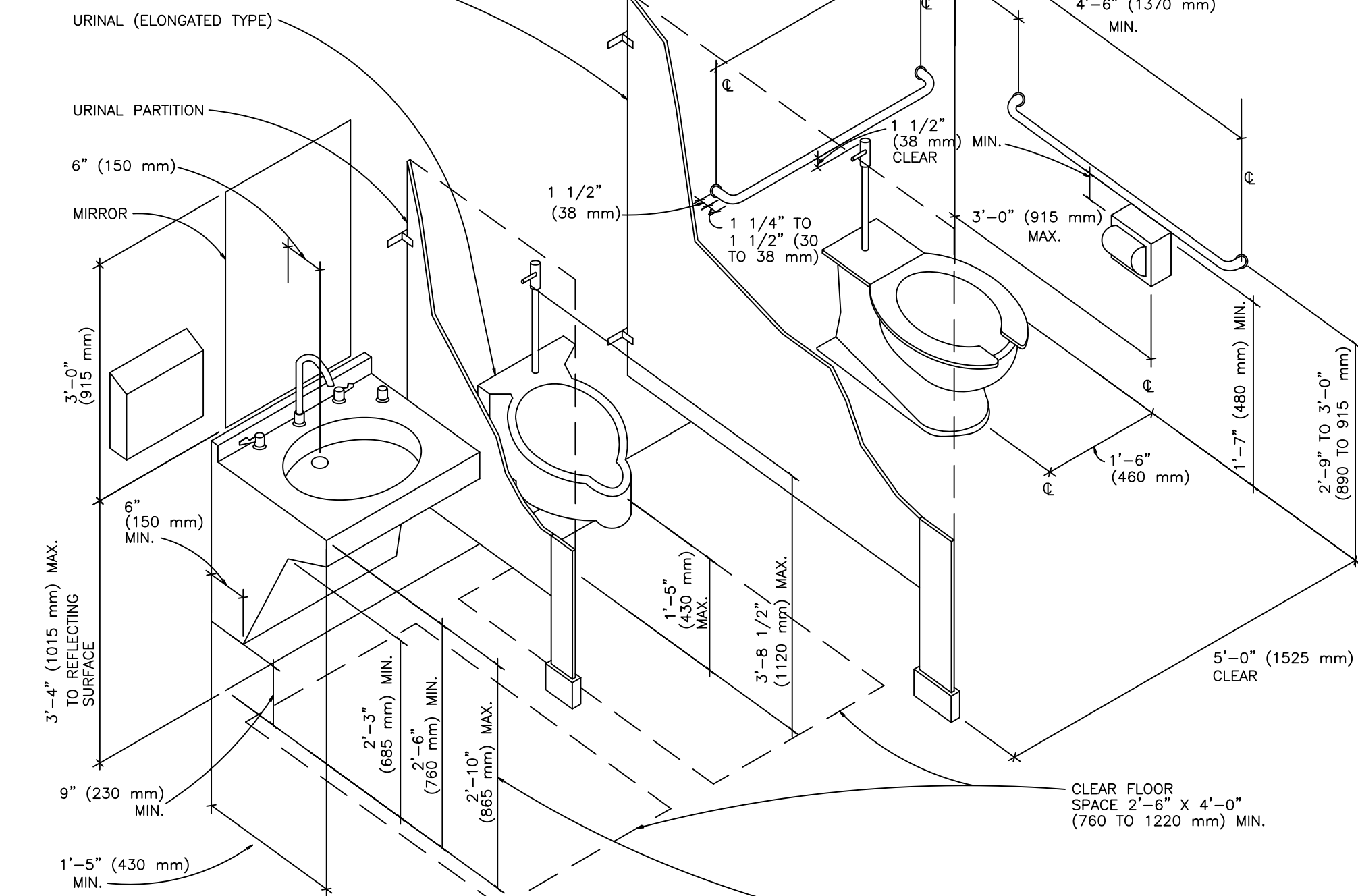
PARALLEL APPROACH--ALCOVE



PARALLEL

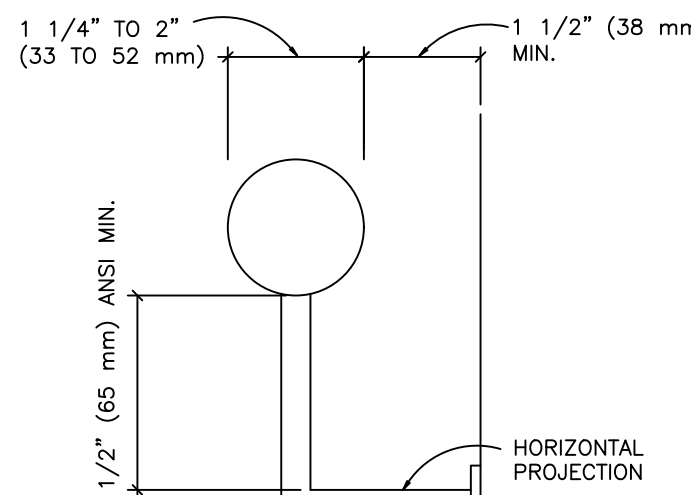


NOTE
Slope = 1:12
Ramp surface and level plane.

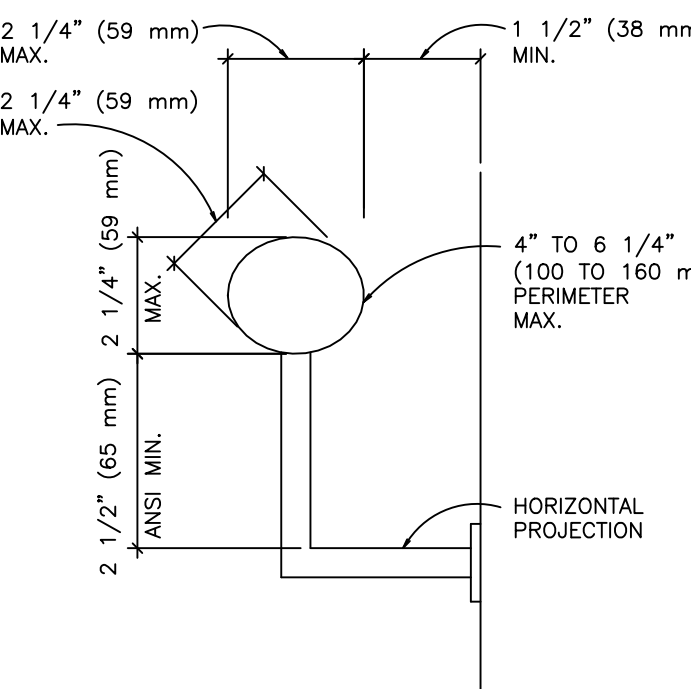


NOTES

1. DEPENDING ON THE CONFIGURATION OF CLEAR FLOOR SPACE, THE MAXIMUM HEIGHT OF THE CONTROLS RANGES FROM 3 FT 8 IN. (1120 MM) TO 4 FT 6 IN. (1420 MM), AND THE MINIMUM HEIGHT RANGES FROM 9 IN. TO 2 FT 10 IN. (230 TO 865 MM).
2. IF THE PARTITION IS GREATER THAN OR EQUAL TO 2 FT 0 IN. (610 MM) DEEP, URINAL CLEAR FLOOR SPACES MUST BE 3 FT 0 IN. (915 MM) WIDE. IF THE PARTITION IS LESS THAN 1 FT 5 IN. (430 MM) DEEP, URINAL CLEAR FLOOR SPACE MAY BE 29 IN. (735 MM) WIDE.



CIRCULAR



NONCIRCULAR

NOTES

1. DIMENSIONS ARE BASED ON 1998 ANSI A117.1
2. PROVIDE CONTINUOUS HANDRAILS AT BOTH SIDES OF RAMPS AND STAIRS AND AT THE INSIDE HANDRAIL OF SWITCHBACK OR DOGLEG RAMPS AND STAIRS.
3. IF HANDRAILS ARE NOT CONTINUOUS AT BOTTOM, TOP, OR LANDINGS, PROVIDE HANDRAIL EXTENSIONS AS SHOWN IN THE RAMP AND STAIR EXAMPLE; ENDS OF HANDRAILS TO BE ROUNDED OR RETURNED SMOOTHLY TO FLOOR, WALL, OR POST.
4. PROVIDE HANDRAILS OF SIZE AND CONFIGURATION SHOWN AND GRIPPING SURFACES UNINTERRUPTED BY NEWEL POSTS OR OTHER CONSTRUCTION ELEMENTS; HANDRAILS SHALL NOT ROTATE WITHIN THEIR FITTINGS.

ADA APPROVED
HANDICAPPED WATER
CLOSET & HANDRAILS

PROVIDE SOLID BLOCKING FOR GRAB
BARS, SINK, MIRROR & ALL SURFACE
MOUNTED ACCESSORIES

PLAN

A

B

7 HC BATHROOM LAYOUT (SIM.)

1/2"=1'-0"

018-1007

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LAM
ASSOCIATES INC.

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LICENSEURE SEAL AND SIGNATURE
LUIS A. MARTINEZ ILLINOIS LIC.#001-014535

DATE: NOV/2021
DESIGN BY: LAM PROJECT MANAGER: DRH
DRAWN BY: DRH PROJECT NUMBER:

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3015
W. DIVISION STREET

CHICAGO

ILLINOIS

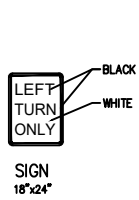
SHEET TITLE

**ACCESSIBILITY
DIAGRAMS**

SHEET NUMBER

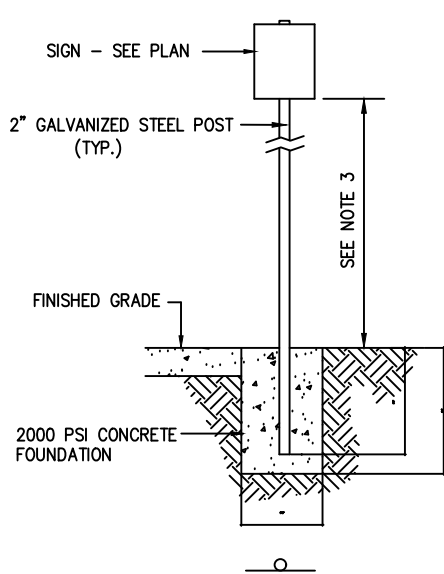
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NATIONAL MUSEUM OF FORTO RICH ARTS & CULTURE - ARCHIVE BUILDING



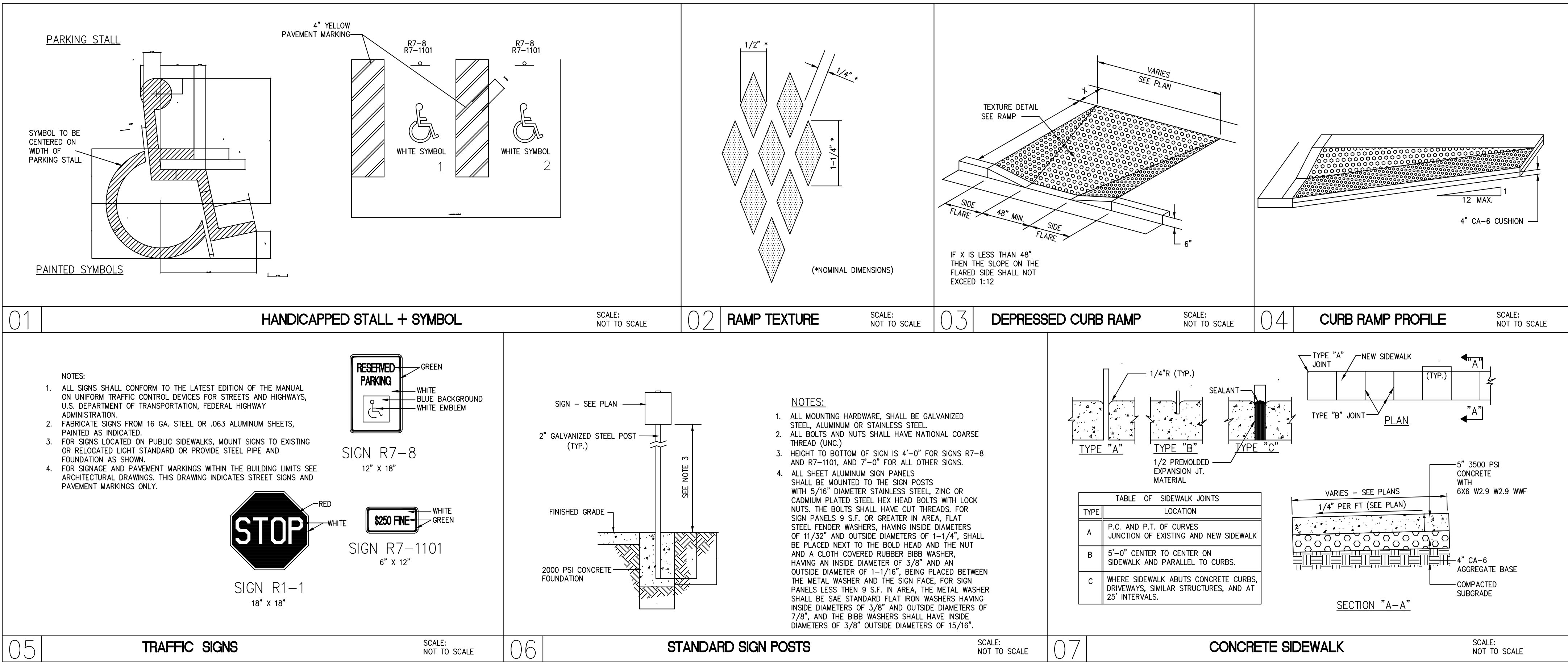
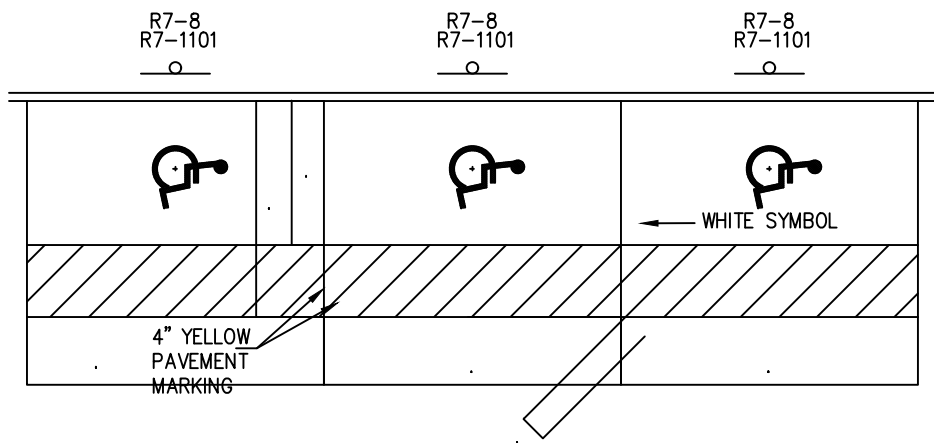
SIGN SPECS:

- Size: 18" Wide by 24" Tall
- Material: .080 Aluminum
- Engineer Grade Prismatic
- High Intensity Option
- Radius Corners
- Background: White
- Lettering: Black
- 3/8" Hole Centered Top
- 3/8" Hole Centered Bottom
- Weight: 4 lbs



NOTES:

- ALL MOUNTING HARDWARE, SHALL BE GALVANIZED STEEL, ALUMINUM OR STAINLESS STEEL.
- ALL BOLTS AND NUTS SHALL HAVE NATIONAL COARSE THREAD (UNC).
- HEIGHT TO BOTTOM OF SIGN IS 4'-0" FOR SIGNS R7-8 AND R7-1101, AND 7'-0" FOR ALL OTHER SIGNS.
- ALL SHEET ALUMINUM SIGN PANELS SHALL BE MOUNTED TO THE SIGN POSTS WITH 5/16" DIAMETER STAINLESS STEEL, ZINC OR CADMIUM PLATED STEEL HEX HEAD BOLTS WITH LOCK NUTS. THE BOLTS SHALL HAVE CUT THREADS. FOR SIGN PANELS 9 S.F. OR GREATER IN AREA, FLAT STEEL FENDER WASHERS, HAVING INSIDE DIAMETERS OF 11/32" AND OUTSIDE DIAMETERS OF 1-1/4", SHALL BE PLACED NEXT TO THE BOLD HEAD AND THE NUT AND A CLOTH COVERED RUBBER BIBB WASHER, HAVING AN INSIDE DIAMETER OF 3/8" AND AN OUTSIDE DIAMETER OF 1-1/16", BEING PLACED BETWEEN THE METAL WASHER AND THE SIGN FACE. FOR SIGN PANELS LESS THEN 9 S.F. IN AREA, THE METAL WASHER SHALL BE SAE STANDARD FLAT IRON WASHERS HAVING INSIDE DIAMETERS OF 3/8" AND OUTSIDE DIAMETERS OF 7/8", AND THE BIBB WASHERS SHALL HAVE INSIDE DIAMETERS OF 3/8" OUTSIDE DIAMETERS OF 15/16".



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LICENSEUR SEAL AND SIGNATURE
LUIS A. MARTINEZ ILLINOIS LIC.#001-014535

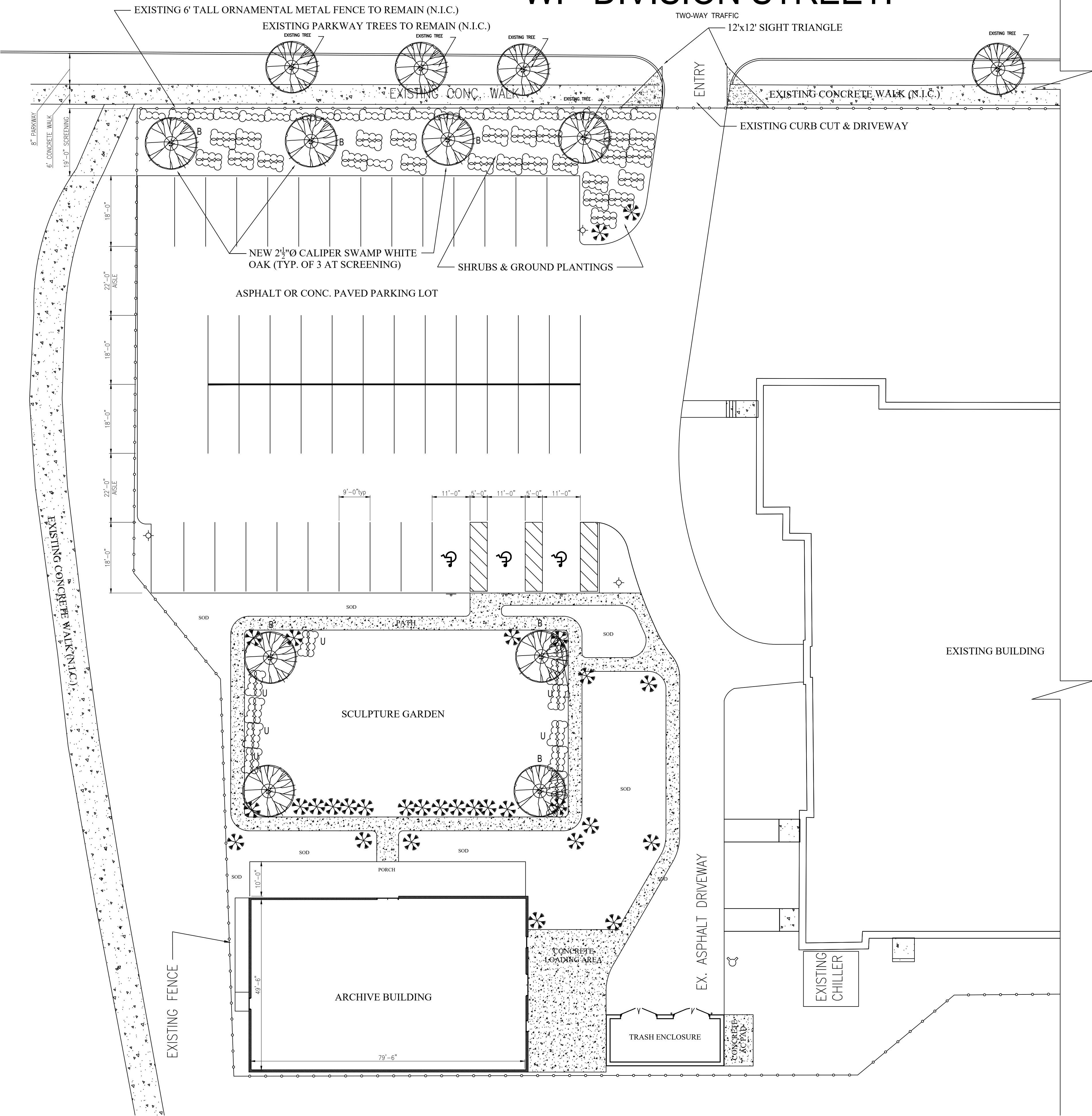
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7	CONSTRUCTION DOCUMENTS 100%	03/29/2022

PROJECT ADDRESS
3015
W. DIVISION STREET
CHICAGO ILLINOIS

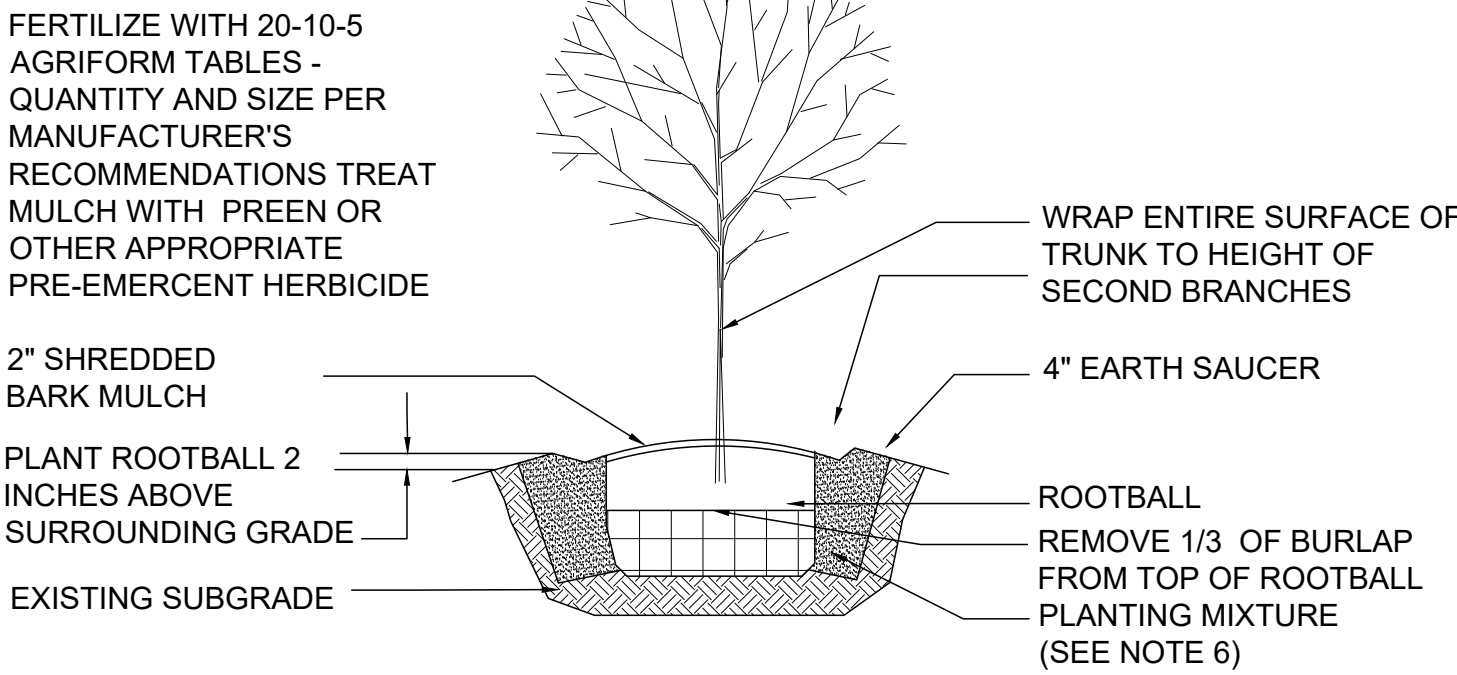
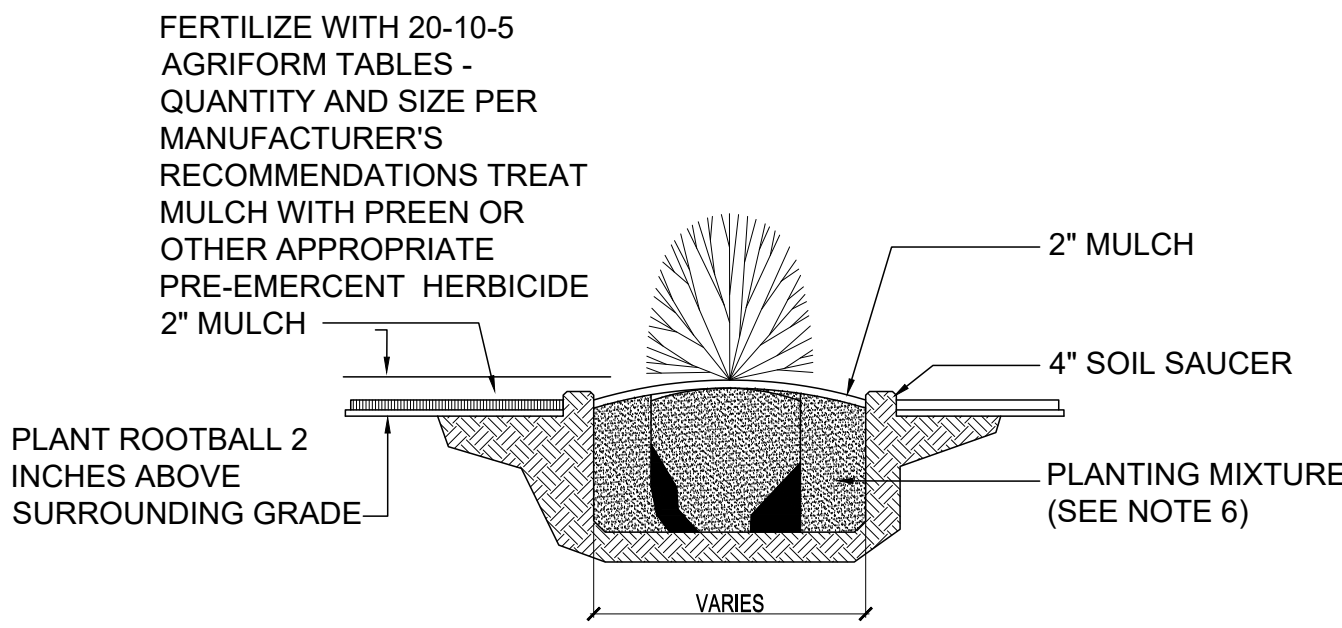
SHEET TITLE
ACCESSIBILITY
NOTES
SHEET NUMBER
GS 5.0
NATIONAL MUSEUM OF FORTO ROMAN ARTS & CULTURE - ARCHIVE BUILDING

W. DIVISION STREET.



LEGEND

ELEM. CODE	COMMON NAME	ELEM. CODE	COMMON NAME	ELEM. CODE	COMMON NAME
TREES/SHRUBS		TREES/SHRUBS		GARDEN/GROUND COVER	
A X1101	BIGLEAF LINDEN	J X1377	DOUGLAS FIR	L X2426	APRICOT BRANDY COCKSCOMB
B X1102	BIGTOOTH ASPEN	K X1322	BIGLEAF HYDRANGEA	M X214	DAYLILY
C X1301	TULIP TREE OR WHITEWOOD	N X1341	BORDER FORSYTHIA	U X1334	ENGLISH IVY
D X2482	MAZODOLA	O X2460	BELL HEATHER	V X1918	LADY'S MANTLE
E X1084	AMERICAN PLUM	P X64	BREDAL WREATH	W X2360	FIRST LOVE OXANTHUS
F X78	WESTERNA	Q X64	PINK SPREA	X X211	DAYLILY
G X2308	GALLERY PEAR	R X73	CHROMATELLA TREE PEONY		
H X2214	ENGLISH HAWTHORN	S X5228	ALBA RUGOSA ROSE		
I X1157	EASTERN REDBUD	T X2815	LEAC		
		Y X134	LEAC		



TREE PLANTING DETAIL

NOT TO SCALE

PROPOSED LOT COVERAGE

BUILDING	5,000 S.F.
VEHICLE USE AREA	15,457 S.F.
INTERIOR LOT LANDSCAPING	9,236 S.F.
LANDSCAPE STREET SCREENING	3,100 S.F.
TOTAL NUMBER OF NEW TREES	7

PLANTING SCHEDULE AND NOTES

BETWEEN MARCH 15 AND MAY 31, 2022, OR BETWEEN AUGUST 15 AND OCTOBER 15, 2022:

- BARE ROOT PLANT MATERIAL SHALL BE PLANTED ONLY WHEN AIR TEMPERATURE EXCEEDS 35.
- PLANTS MUST BE DORMANT.
- PLANTING SHALL MEET ALL REQUIREMENTS OF SECTIONS 253, 254 AND 781 OF IDIOT STANDARD SPECIFICATIONS.



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7	CONSTRUCTION DOCUMENTS 100%	03/29/2022
8	CODE COMPLIANCE MATRIX SHT. C51.1	09/16/2022
9	2nd FL EMERGENCY EXIT SYSTEM	09/16/2022

PROJECT ADDRESS

NMPRAC
3015 W. DIVISION STREET

CHICAGO

ILLINOIS

SHEET TITLE

LANDSCAPE
PLAN

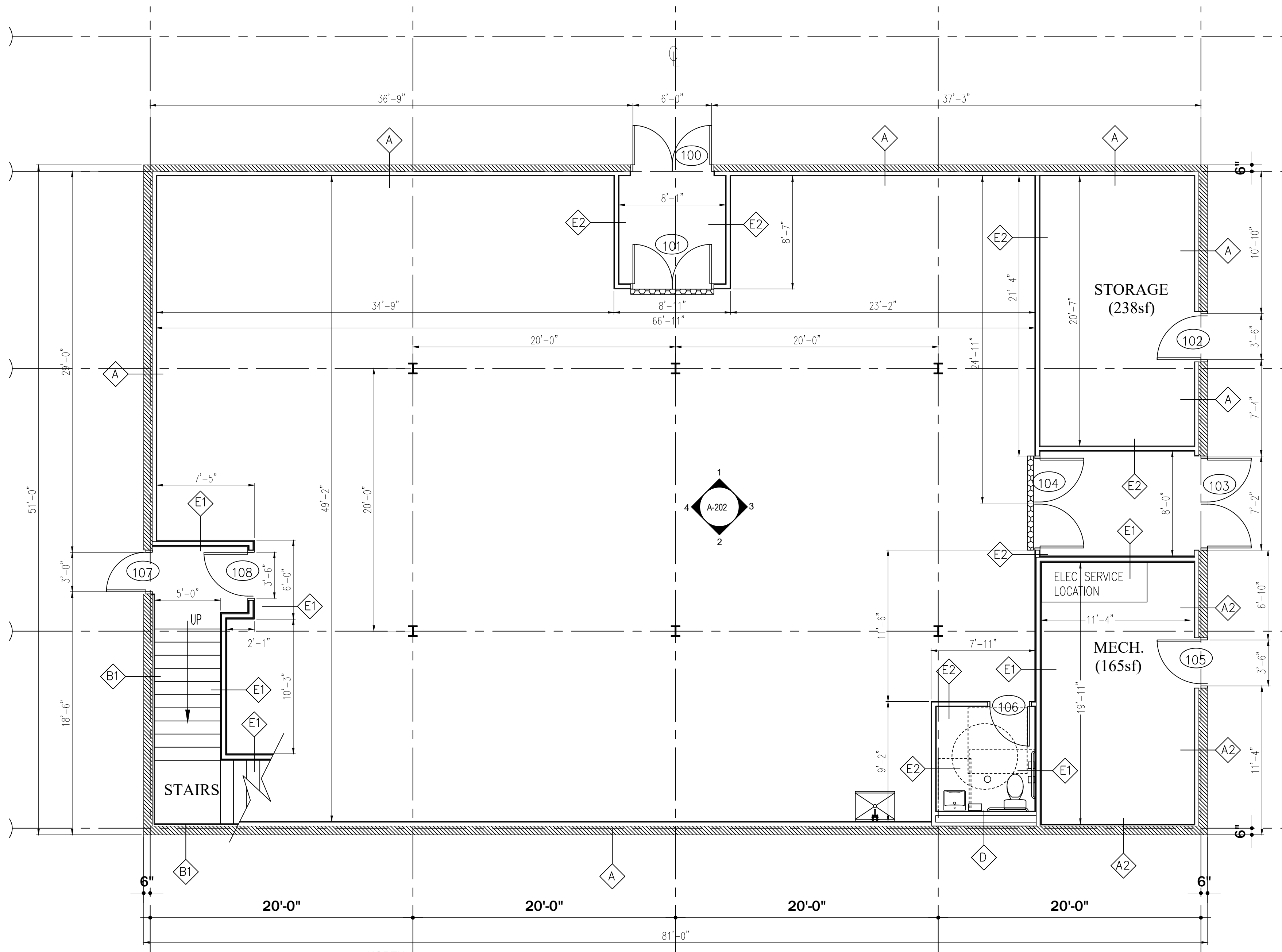
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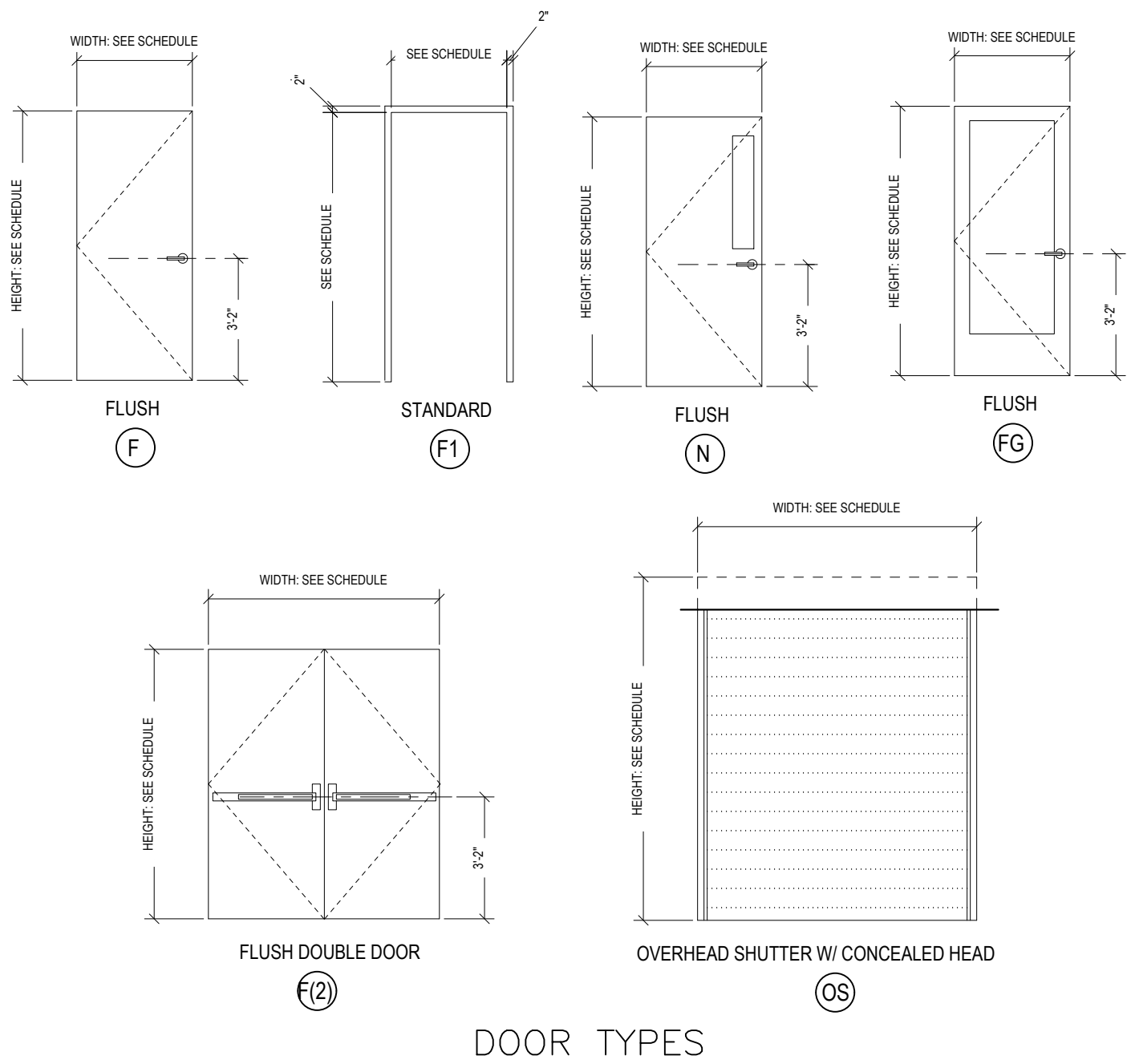
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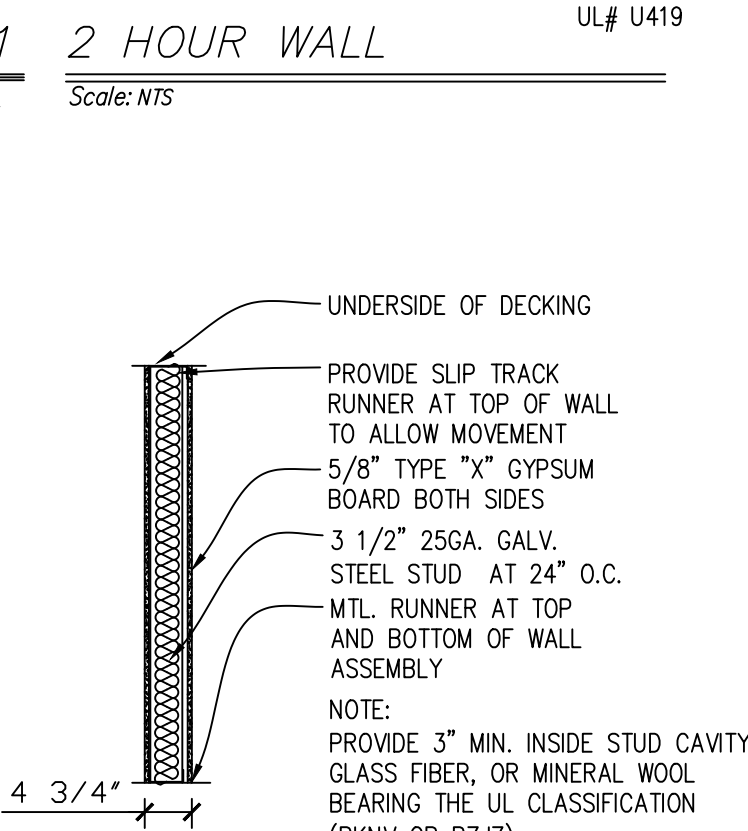
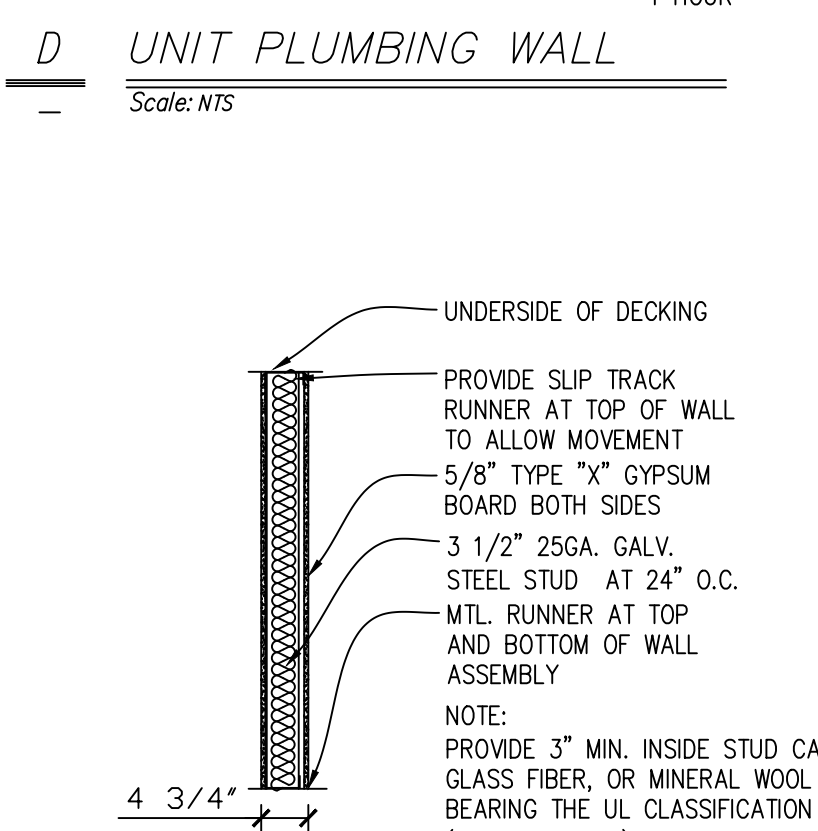
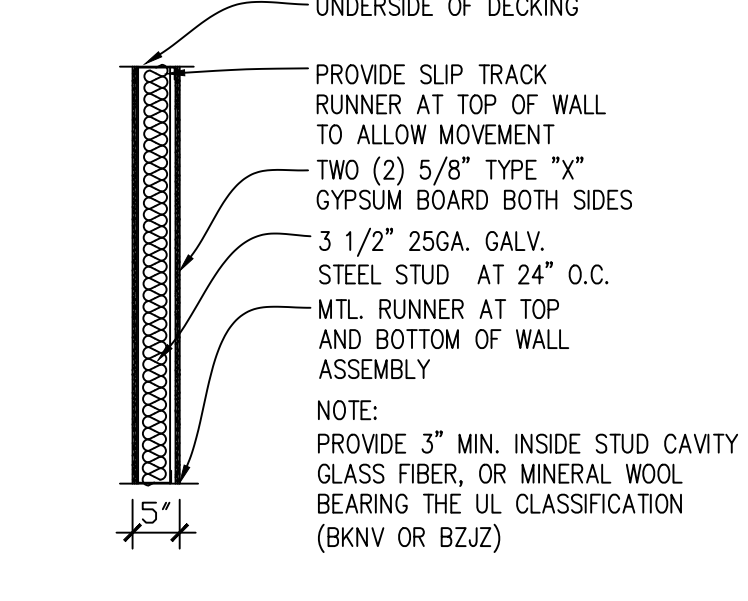
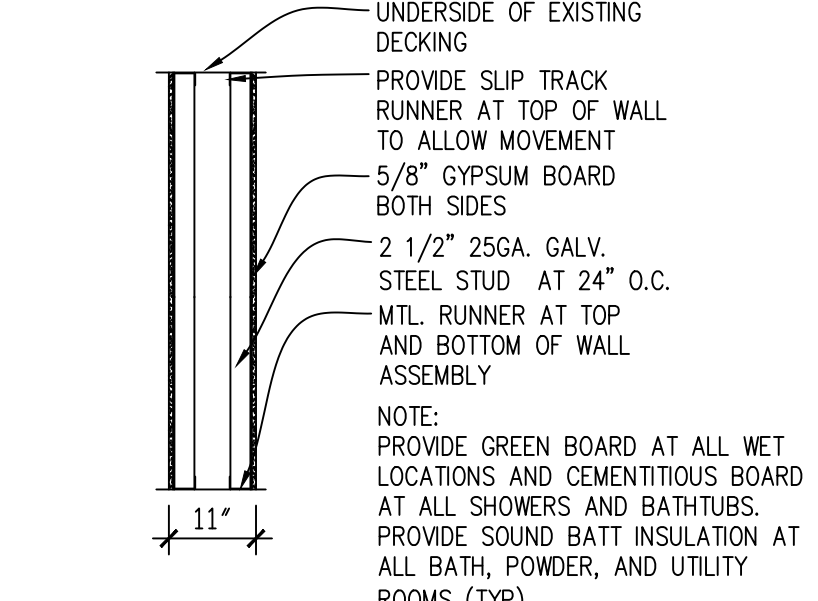
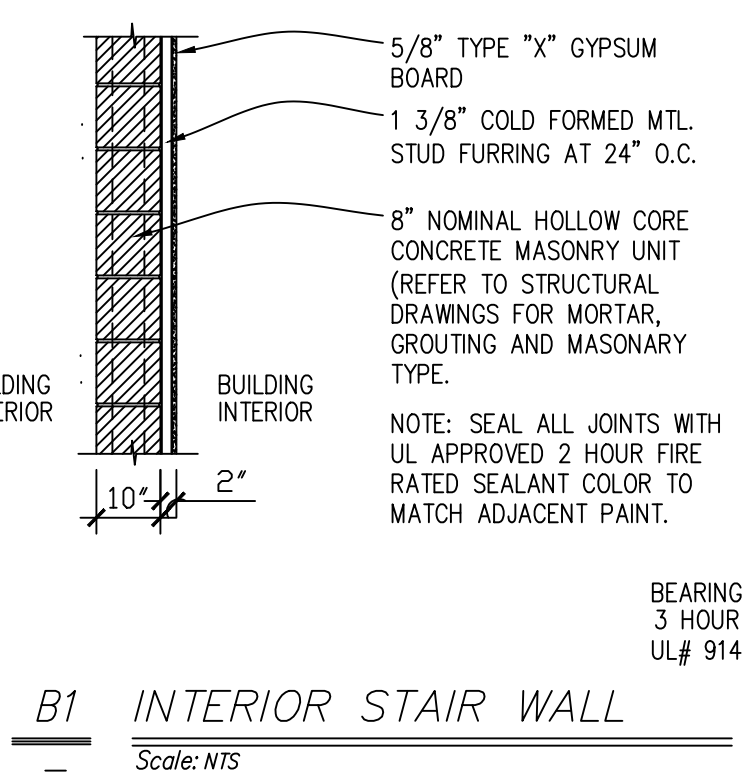
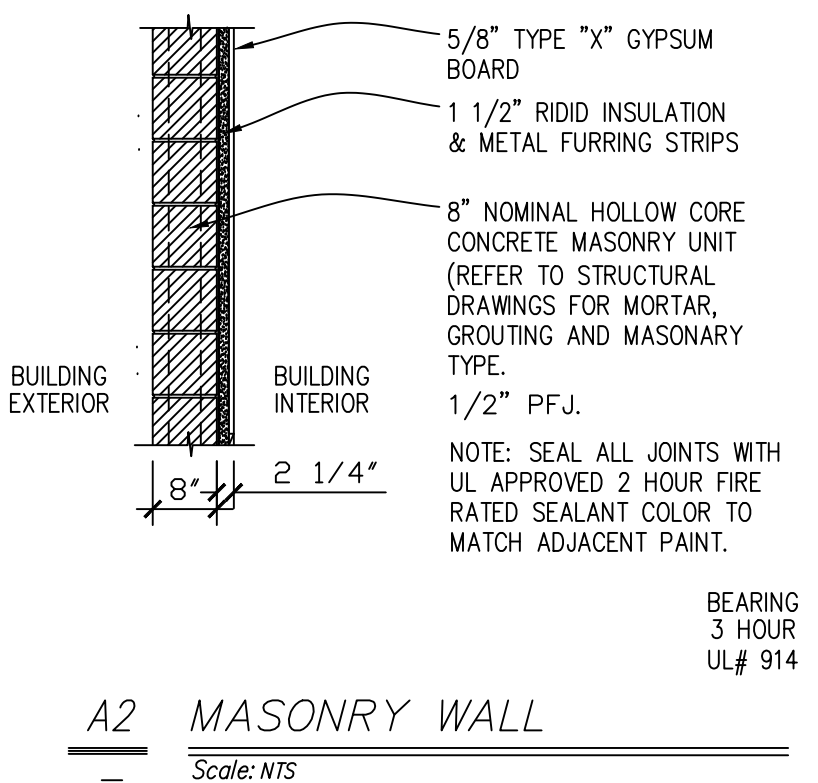
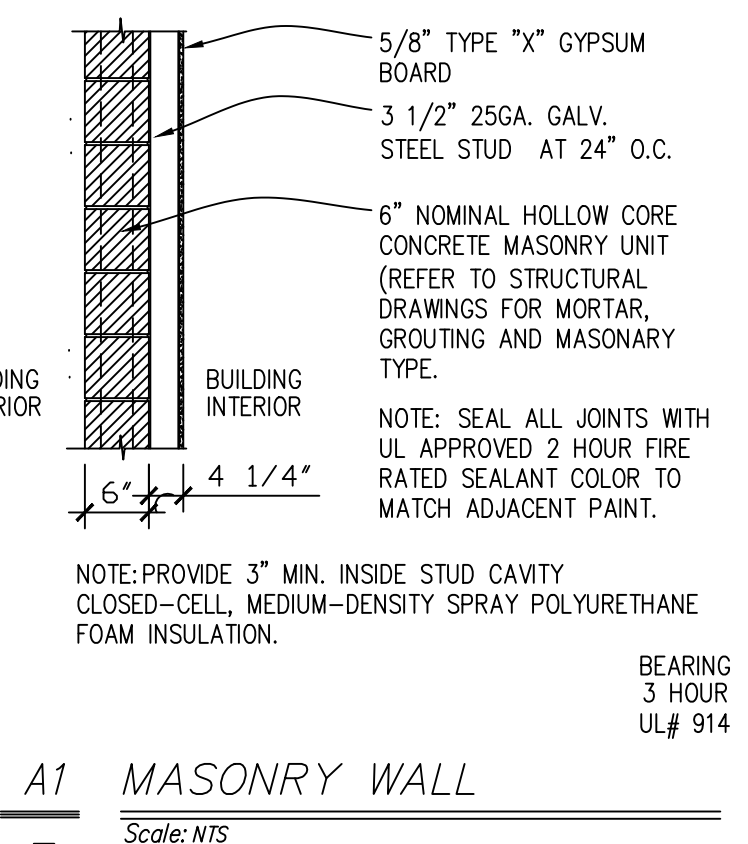
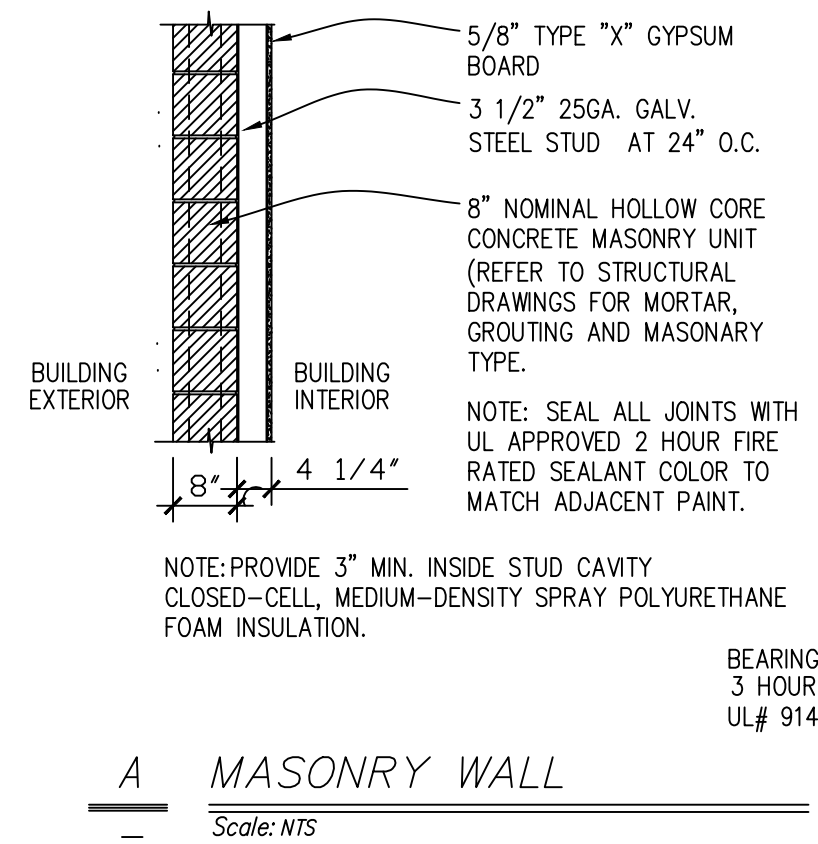
LANDSCAPE PLAN
1/16" = 1'-0"



FLOOR PLAN - 1st FLOOR
SCALE: 3/16"=1'-0"



DOOR SCHEDULE												
DOOR NO.	HEIGHT	WIDTH	DOOR TYPE	DOOR MATERIAL	DOOR FINISH	FRAME TYPE	FRAME MATERIAL	FRAME FINISH	JAMB DTL.	HEAD DTL.	HARDWARE SET	FIRE RATING
100	7' - 0"	6' - 0"	F (2)	HM	PNT	F1	HM	PNT	1	1	--	--
101	7' - 0"	6' - 0"	F (2)	HM	PNT	F1	HM	PNT	1	1	--	--
102	7' - 0"	3' - 6"	F	HM	PNT	F1	HM	PNT	1	1	--	2 HR
103	7' - 4"	7' - 2"	F (2)	HM	PNT	F1	HM	PNT	1	1	--	2 HR
104	7' - 4"	7' - 2"	F (2)	HM	PNT	F1	HM	PNT	1	1	--	2 HR
105	7' - 0"	3' - 6"	F	HM	PNT	F1	HM	PNT	1	1	--	2 HR
106	7' - 0"	3' - 0"	F	HM	PNT	F1	HM	PNT	1	1	--	--
107	7' - 0"	3' - 0"	F	HM	PNT	F1	HM	PNT	1	1	--	2 HR
108	7' - 0"	3' - 6"	F	HM	PNT	F1	HM	PNT	1	1	--	2 HR
200	7' - 0"	3' - 6"	F	HM	PNT	F1	HM	PNT	1	1	--	2 HR
201	7' - 0"	3' - 0"	F	HM	PNT	F1	HM	PNT	1	1	EXIT ONLY	2 HR



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ASSOCIATES INC.

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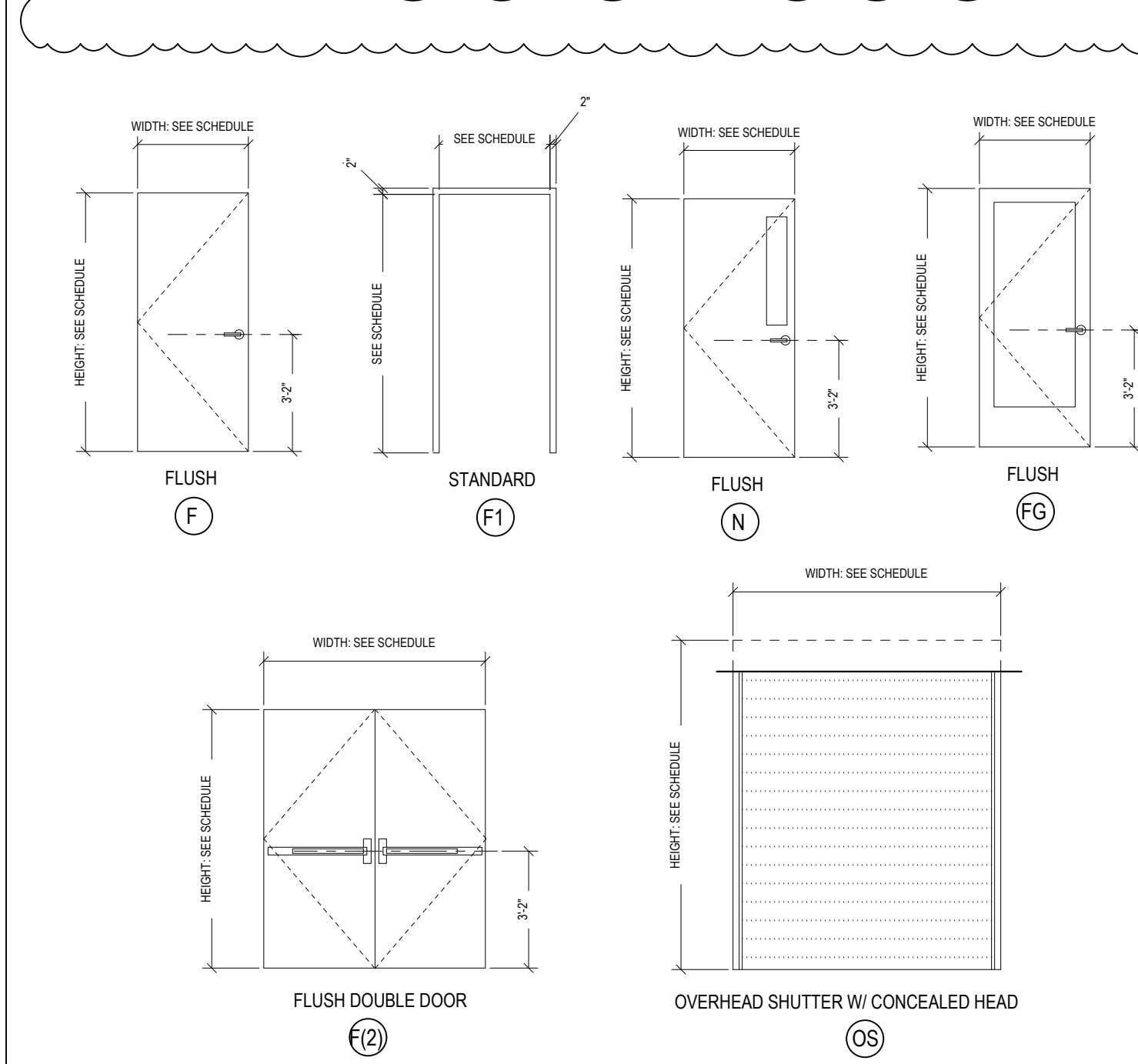
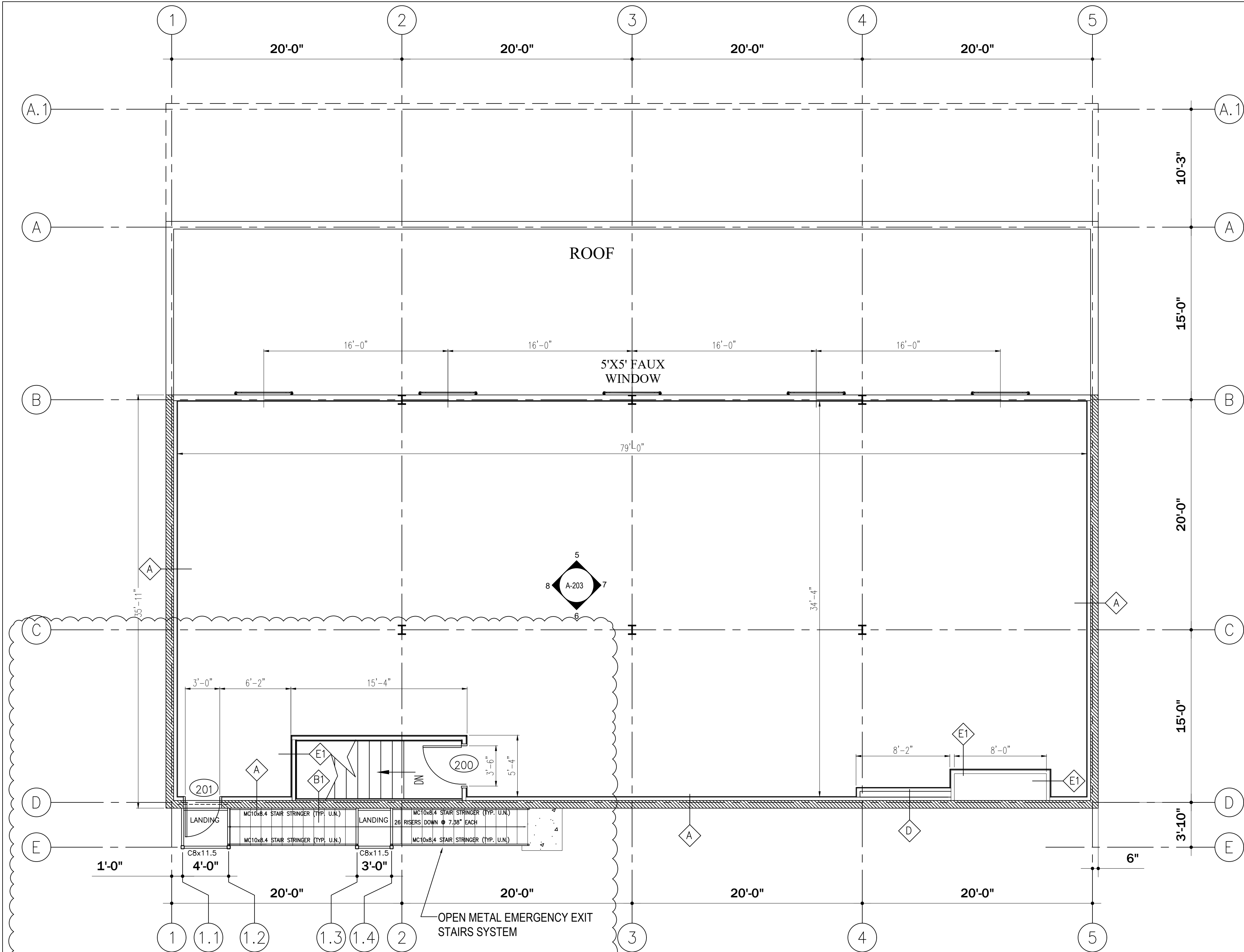
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9	2nd FL. EMERGENCY EXIT SYSTEM	09-16-2022

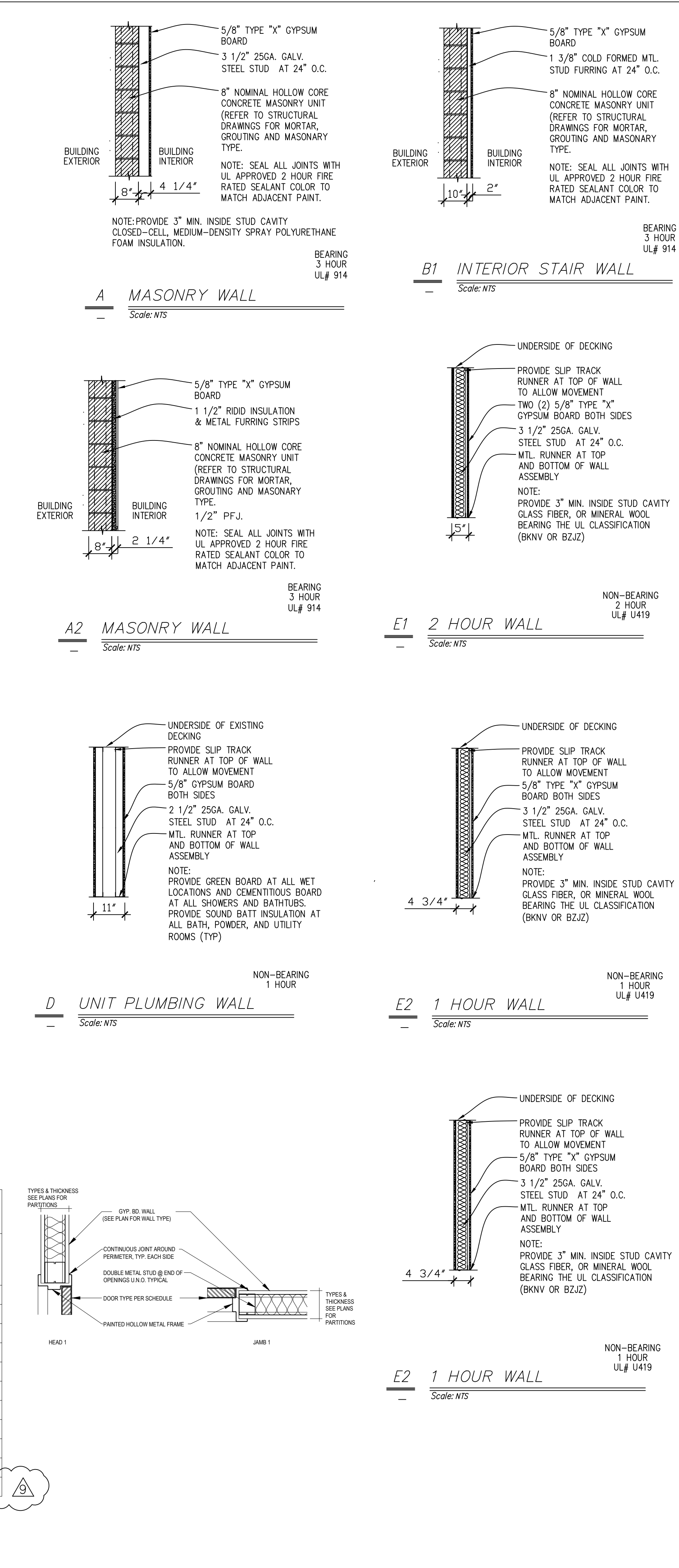
PROJECT ADDRESS
3015
W. DIVISION STREET
CHICAGO ILLINOIS

SHEET TITLE
FLOOR PLAN
1st FLOOR

SHEET NUMBER
A-200



DOOR SCHEDULE												
DOOR NO.	HEIGHT	WIDTH	DOOR TYPE	DOOR MATERIAL	DOOR FINISH	FRAME TYPE	FRAME MATERIAL	FRAME FINISH	JAMB DTL.	HEAD DTL.	HARDWARE SET	FIRE RATING
100	7' - 0"	6' - 0"	F (2)	HM	PNT	F1	HM	PNT	1	1	--	--
101	7' - 0"	6' - 0"	F (2)	HM	PNT	F1	HM	PNT	1	1	--	--
102	7' - 0"	3' - 6"	F	HM	PNT	F1	HM	PNT	1	1	--	2 HR
103	7' - 4"	7' - 2"	F (2)	HM	PNT	F1	HM	PNT	1	1	--	2 HR
104	7' - 4"	7' - 2"	F (2)	HM	PNT	F1	HM	PNT	1	1	--	2 HR
105	7' - 0"	3' - 6"	F	HM	PNT	F1	HM	PNT	1	1	--	2 HR
106	7' - 0"	3' - 0"	F	HM	PNT	F1	HM	PNT	1	1	--	--
107	7' - 0"	3' - 0"	F	HM	PNT	F1	HM	PNT	1	1	--	2 HR
108	7' - 0"	3' - 6"	F	HM	PNT	F1	HM	PNT	1	1	--	2 HR
200	7' - 0"	3' - 6"	F	HM	PNT	F1	HM	PNT	1	1	--	2 HR
201	7' - 0"	3' - 0"	F	HM	PNT	F1	HM	PNT	1	1	EXIT ONLY	2 HR



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PROJECT ADDRESS

NMPRAC - ARCHIVE BUILDING

3015 W. DIVISION STREET

CHICAGO ILLINOIS

SHEET TITLE

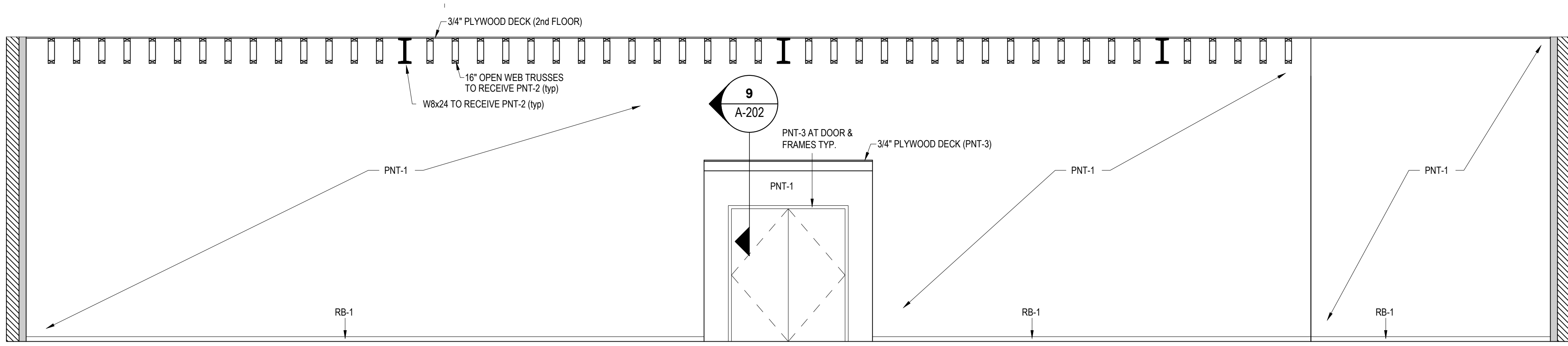
FLOOR PLAN

2nd FLOOR

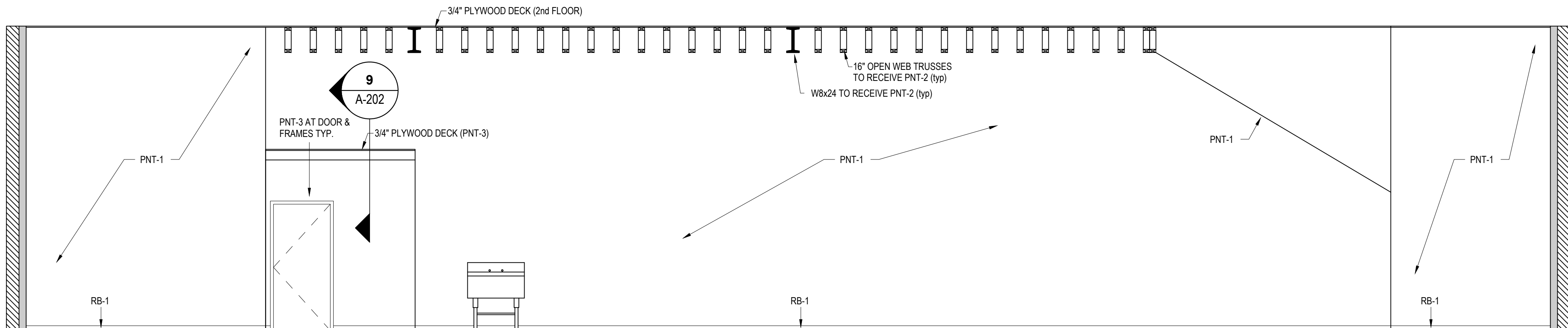
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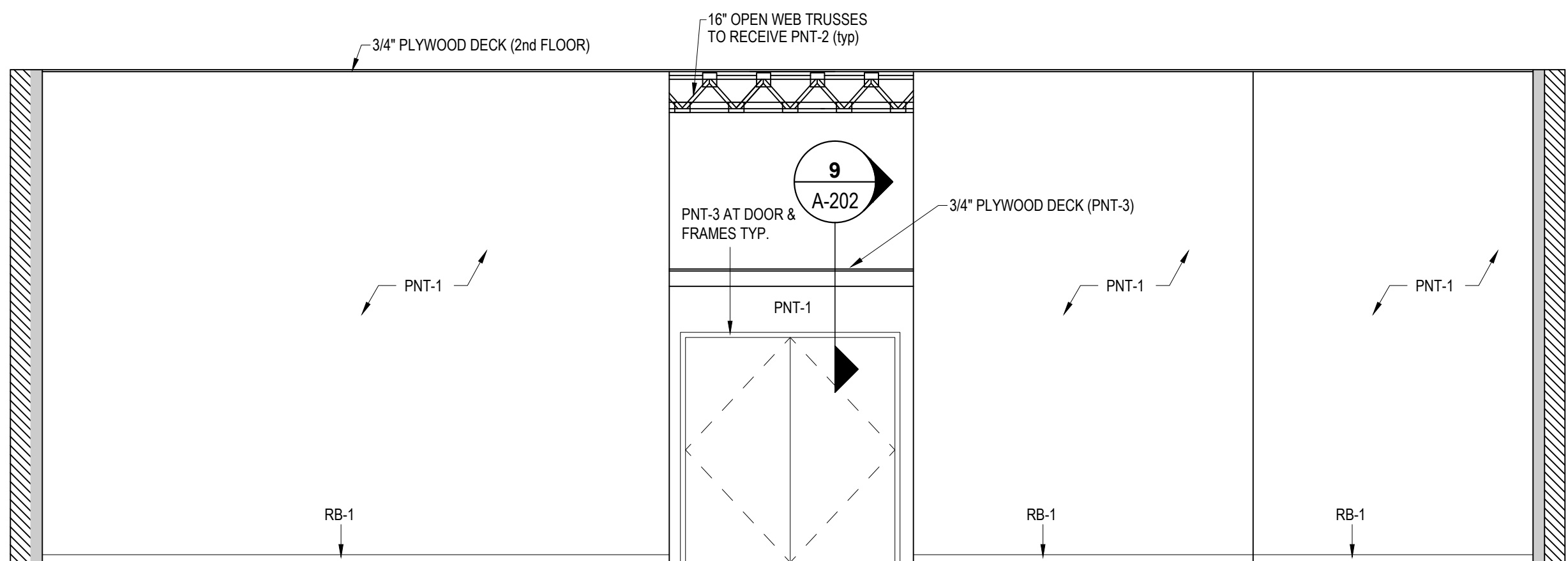
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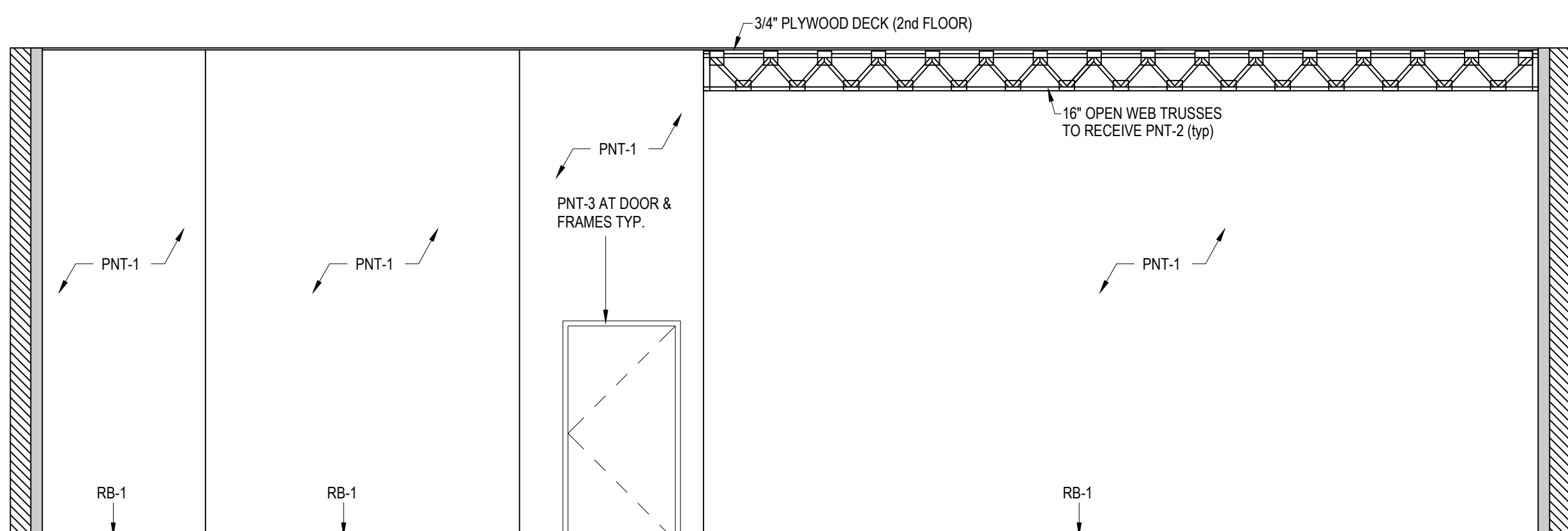
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1/4" = 1'-0"



2 1st FLOOR - SOUTH
1/4" = 1'-0"



3 1st FLOOR - EAST
1/4" = 1'-0"



4 1st FLOOR - WEST
1/4" = 1'-0"

T/ SECOND FLOOR
16' - 0"

T/ FIRST FLOOR
0' - 0"

T/ SECOND FLOOR
16' - 0"

T/ FIRST FLOOR
0' - 0"

T/ SECOND FLOOR
16' - 0"

T/ FIRST FLOOR
0' - 0"

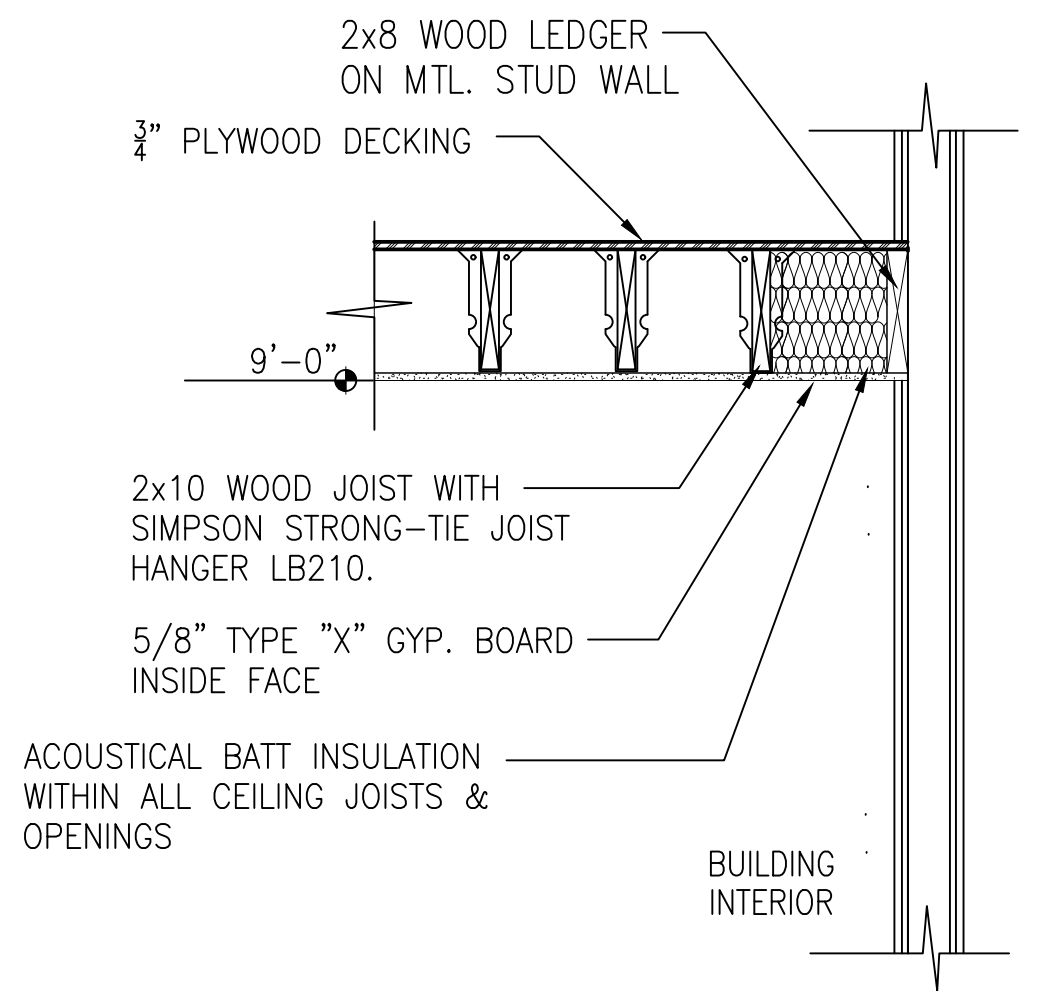
T/ SECOND FLOOR
16' - 0"

T/ FIRST FLOOR
0' - 0"

FINISH INTERIOR GENERAL NOTES

1. GENERAL CONTRACTOR TO USE PAINT PNT-1 ON ALL WALLS DEFINED IN SCOPE OF WORK U.N.O.
2. TRANSITION ALL FLOOR MATERIALS AT CENTER LINE OF DOORS U.N.O.
3. ALL FLOORING TO COMPLY WITH ACCESSIBILITY CODE
4. ALL MATERIALS USED FOR INTERIOR WALL AND TRIM FINISHES SHALL MEET CLASS 1 FLAME SPREAD RATING REQUIREMENTS

PAINT FINISH LEGEND		
TAG	MANUFACTURER / DESCRIPTION OF PRODUCT	FINISH
PNT-1	SHERWIN WILLIAMS, HARMONY® #9162 AFRICAN GRAY	EGGSHELL
PNT-2	FlamedOFF FIRE RESISTANT INTUMESCENT WATER BASED PAINT	--
PNT-3	SHERWIN WILLIAMS, PRO INDUSTRIAL ACRYLIC COATING #7071 GRAY SCREEN	EGGSHELL



6 ENTRANCE & BATHROOM CEILING DETAIL
N.T.S.



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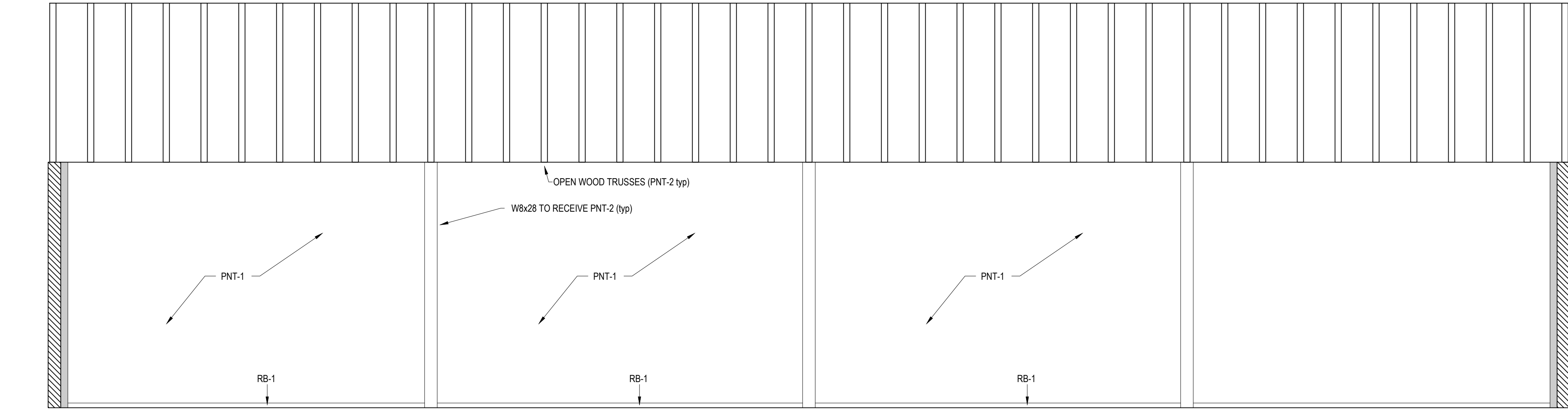
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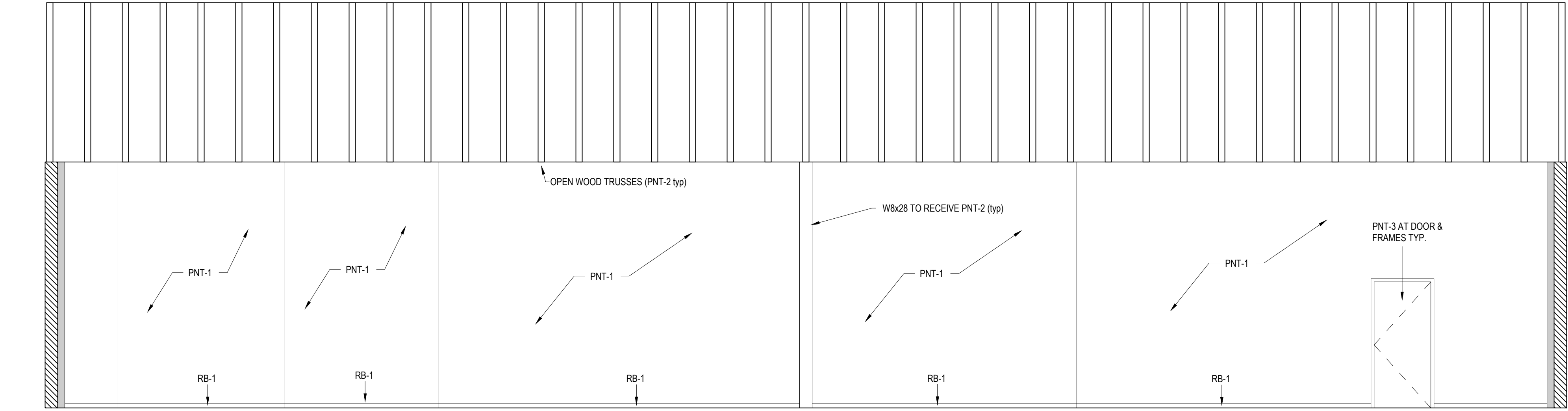
CHICAGO ILLINOIS

SHEET TITLE
1st FLOOR
ELEVATIONS

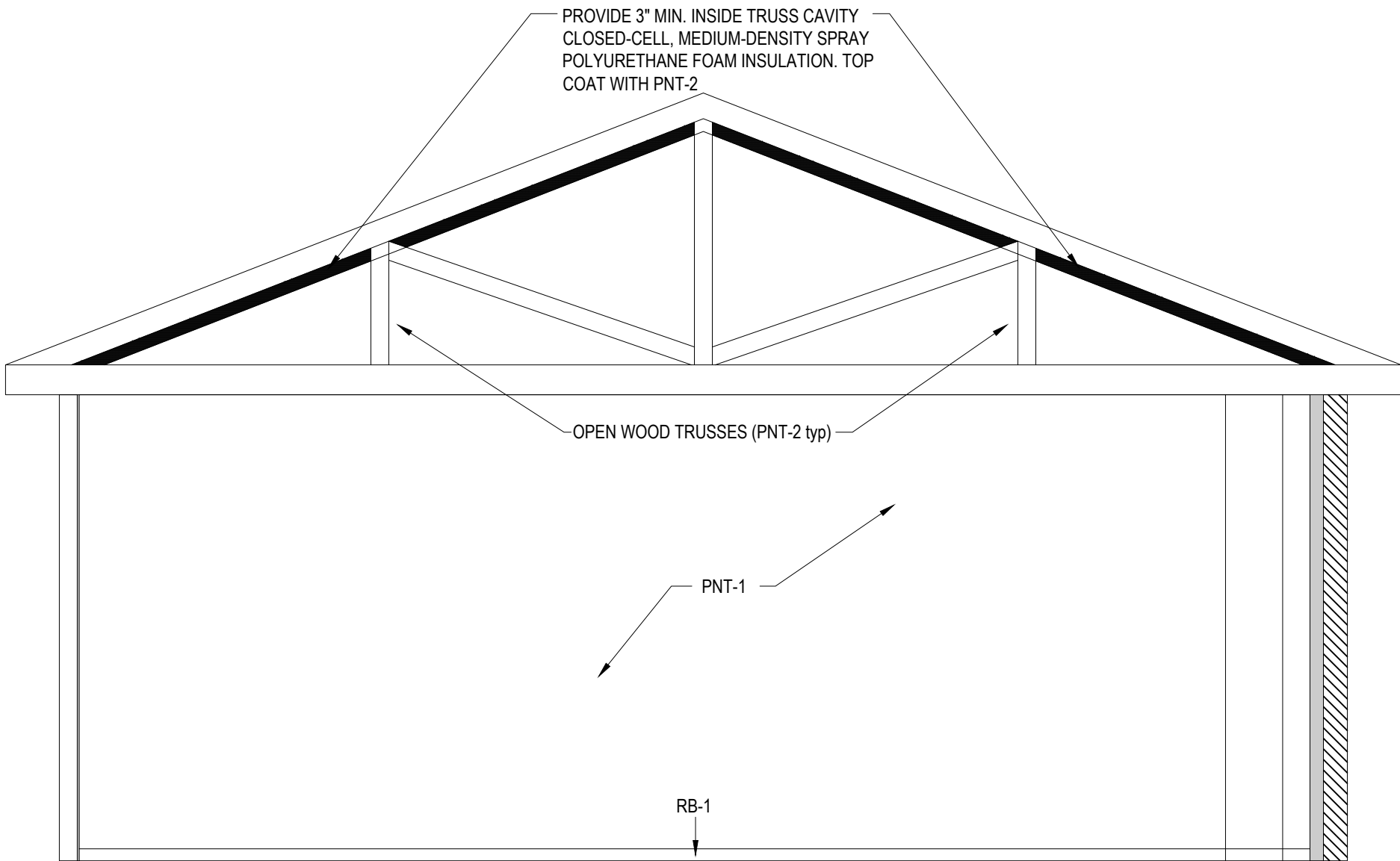
SHEET NUMBER
A-202



5 2nd FLOOR - NORTH
1/4" = 1'-0"



6 2nd FLOOR - SOUTH
1/4" = 1'-0"

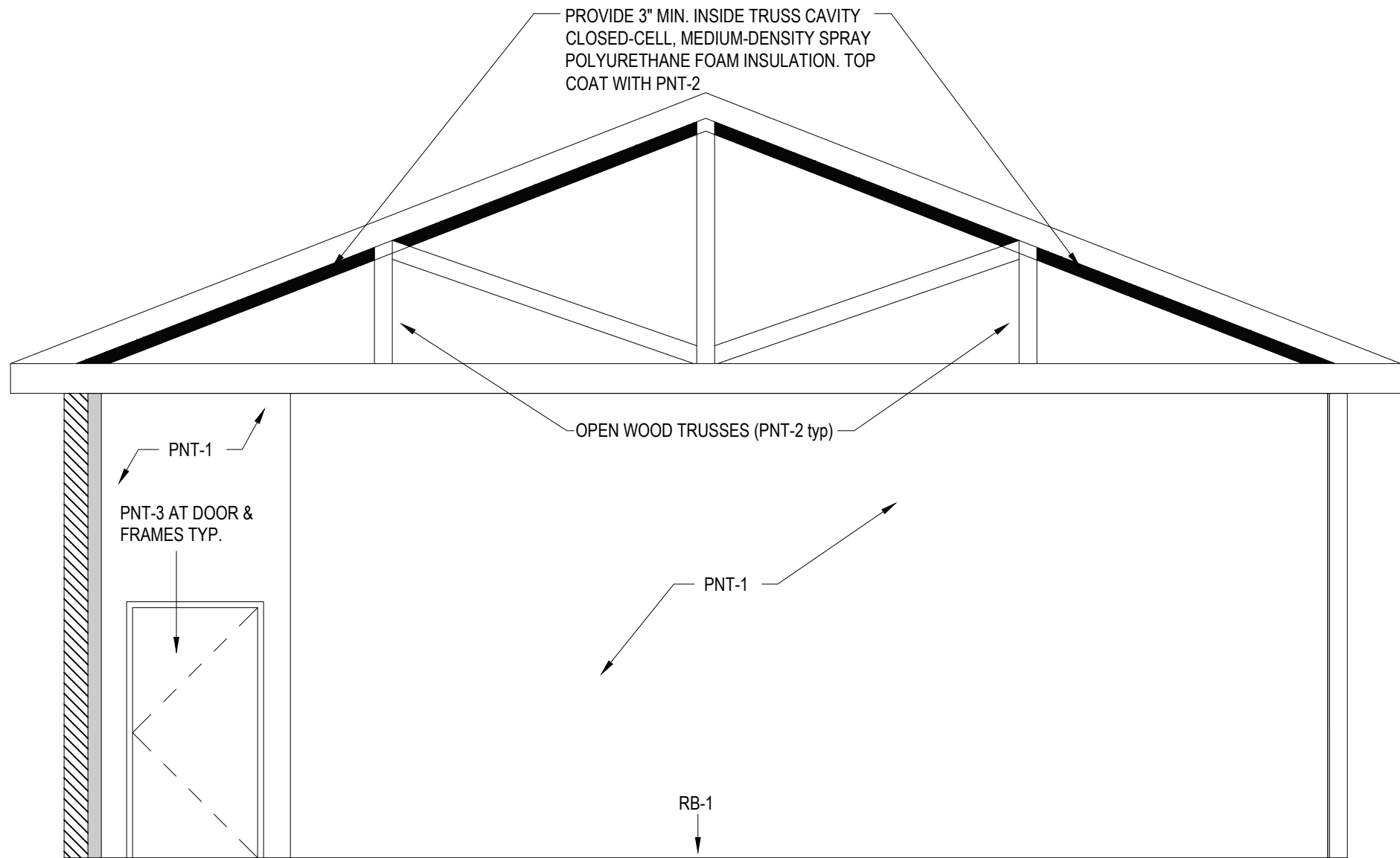


7 2nd FLOOR - EAST
1/4" = 1'-0"

T/ OF RIDGE
+37'-5"

2nd FLOOR CEILING
+29' - 0"

T/ SECOND FLOOR
+16' - 0"



8 2nd FLOOR - WEST
1/4" = 1'-0"

T/ OF RIDGE
+37'-5"

2nd FLOOR CEILING
+29' - 0"

T/ SECOND FLOOR
+16' - 0"

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PAINT FINISH LEGEND		
TAG	MANUFACTURER / DESCRIPTION OF PRODUCT	FINISH
PNT-1	SHERWIN WILLIAMS, "HARMONY" #9162 AFRICAN GRAY	EGGSHELL
PNT-2	FlamedOFF FIRE RESISTANT INTUMESCENT WATER BASED PAINT	--
PNT-3	SHERWIN WILLIAMS, PRO INDUSTRIAL ACRYLIC COATING #7071 GRAY SCREEN	EGGSHELL



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PROJECT ADDRESS

NMPRAC - ARCHIVE BUILDING
3015 W. DIVISION STREET

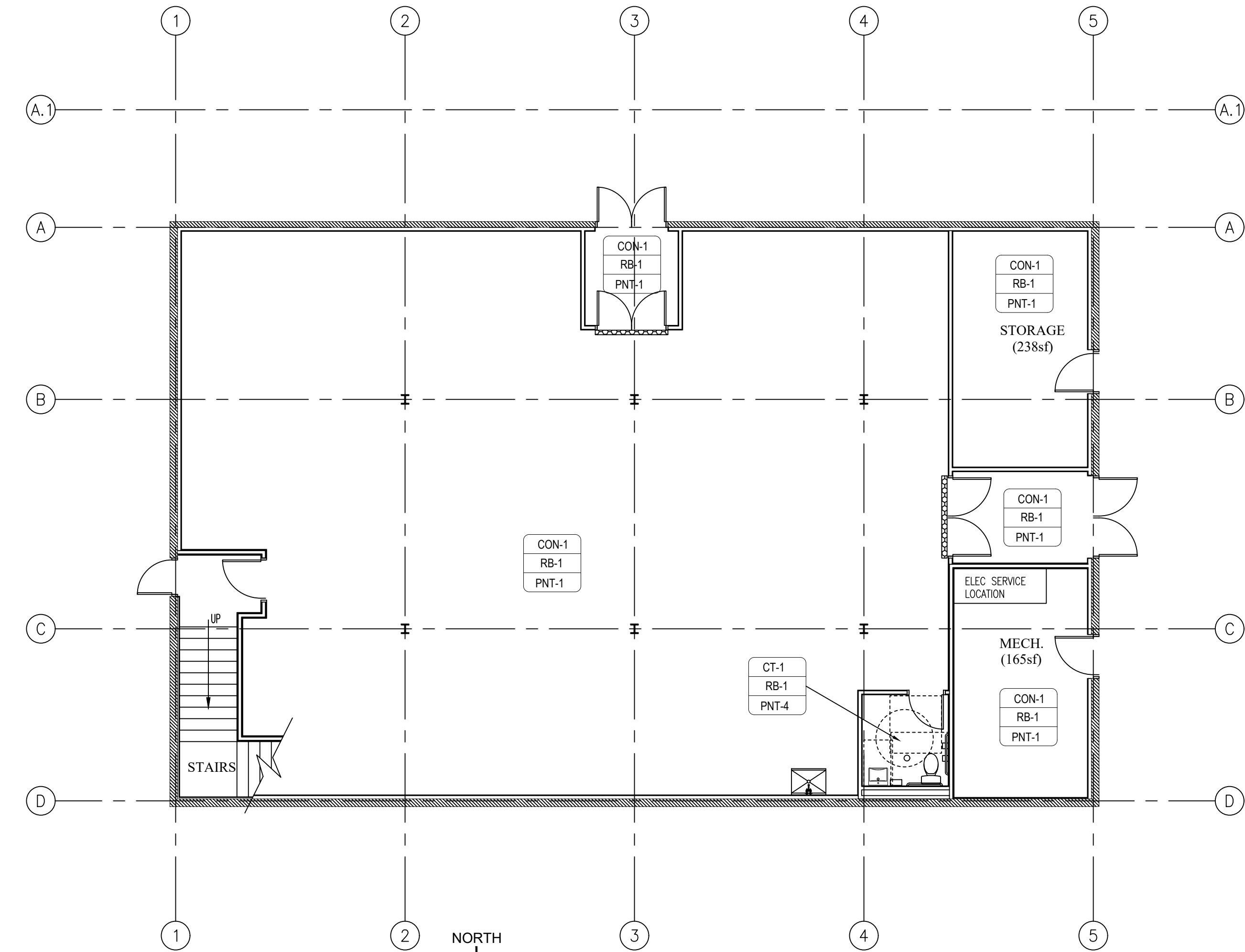
CHICAGO ILLINOIS

SHEET TITLE
2nd FLOOR
ELEVATIONS

SHEET NUMBER

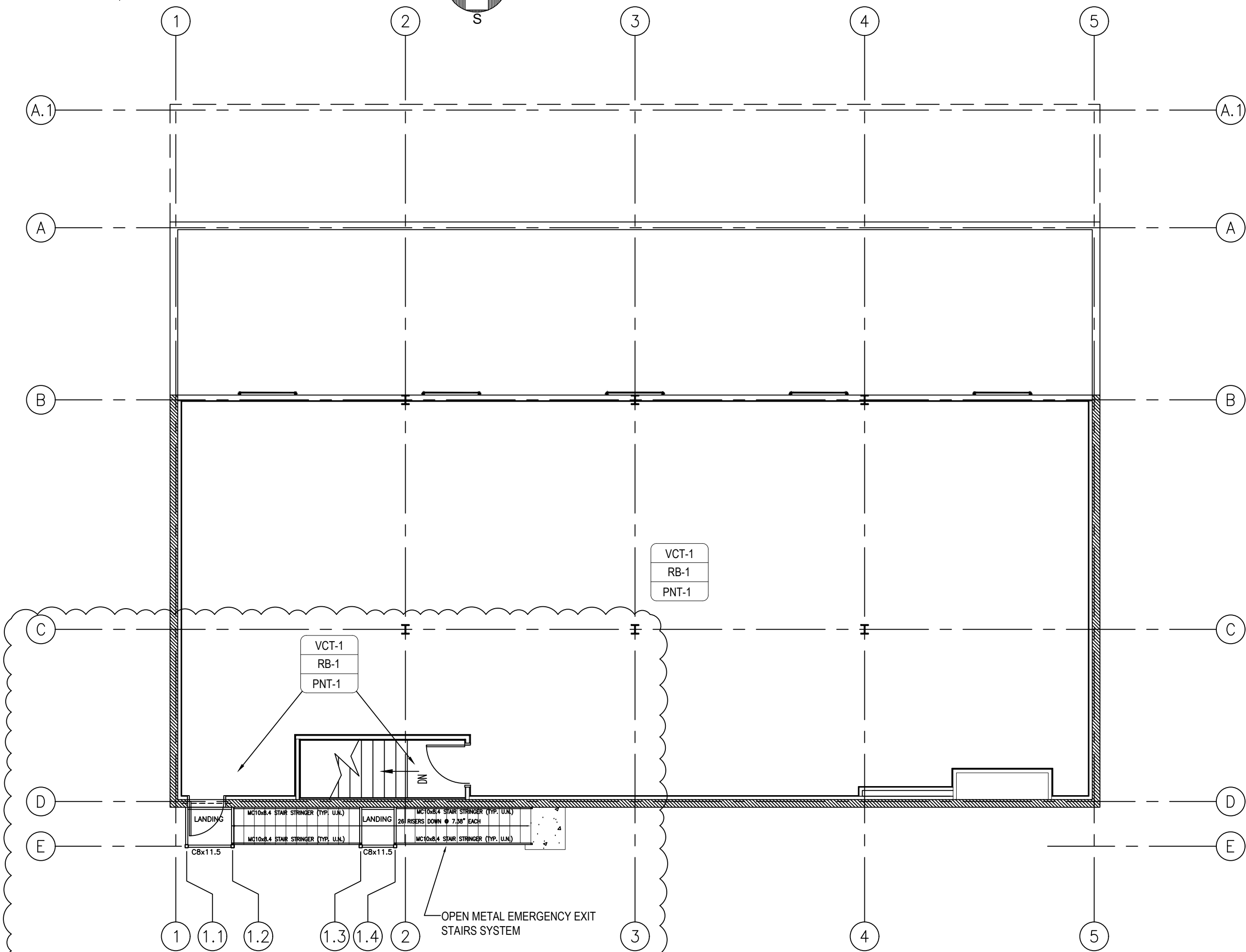
A-203

NATIONAL MUSEUM OF PUERTO RICAN ARTS & CULTURE - ARCHIVE BUILDING



FINISH PLAN - 1st FLOOR

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



FINISH PLAN - 2nd FLOOR

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

FINISH PLAN SYMBOL LEGEND			
FLOOR MATERIAL	→	FLOOR	
WALL MATERIAL	→	WALL	
BASE MATERIAL	→	BASE	
CORNER GUARD		→	CG
PT-1/RB-1		→	
AREA OF WALL/BASE		→	
FINISH IF NOT		→	
APPLIED		→	
TO ENTIRE ROOM		→	

FINISH INTERIOR GENERAL NOTES

- GENERAL CONTRACTOR TO USE PAINT PNT-1 ON ALL WALLS DEFINED IN SCOPE OF WORK U.N.O.
- TRANSITION ALL FLOOR MATERIALS AT CENTER LINE OF DOORS U.N.O.
- ALL FLOORING TO COMPLY WITH ACCESSIBILITY CODE
- ALL MATERIALS USED FOR INTERIOR WALL AND TRIM FINISHES SHALL MEET CLASS 1 FLAME SPREAD RATING REQUIREMENTS

PAINT FINISH LEGEND		
TAG	MANUFACTURER / DESCRIPTION OF PRODUCT	FINISH
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PNT-2	Flamed OFF FIRE RESISTANT INTUMESCENT WATER BASED PAINT	--
PNT-3	SHERWIN WILLIAMS, PRO INDUSTRIAL ACRYLIC COATING #7071 GRAY SCREEN	EGGSHELL
PNT-4	SHERWIN WILLIAMS, WATER BASED EPOXY PAINT, #9042 'VERDIGREEN'	EGGSHELL

FINISH LEGEND			
TAG	DESCRIPTION	COLOR	MANUFACTURER / BASIS OF DESIGN
CON-1	WATERBASED SILANE/SILOXANE PENETRATING SEALER	CLEAR	VITAL COAT X-440 CONCRETE, BLOCK & MASONRY SEALER OR EQUAL
VCT-1	12"x12" COMMERCIAL VINYL TILE	BLUE DREAM	ARMSTRONG IMPERIAL TEXTURE STANDARD EXCELOX COMMERCIAL VINYL TILE
RB-1	4 1/2" RUBBER COVE BASE	38 PEWTER CG	ROPPE 700 SERIES TRADITIONAL COVE BASE
CT-1	12"x24" CERAMIC TILE	GRAY SLATE	DALTILE 'CASCADE RIDGE' SLATE CERAMIC FLOOR TILE OR EQUAL

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LICENSE SEAL AND SIGNATURE
LUIS A. MARTINEZ ILLINOIS LIC.#001-014535

DATE: NOV/2021
DESIGN BY: LAM PROJECT MANAGER: DRH
DRAWN BY: DRH PROJECT NUMBER:

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7	CONSTRUCTION DOCUMENTS 100%	03/29/2022
9	2nd FL. EMERGENCY EXIT SYSTEM	09/16/2022

PROJECT ADDRESS

NMPRAC - ARCHIVE BUILDING
3015 W. DIVISION STREET

CHICAGO ILLINOIS

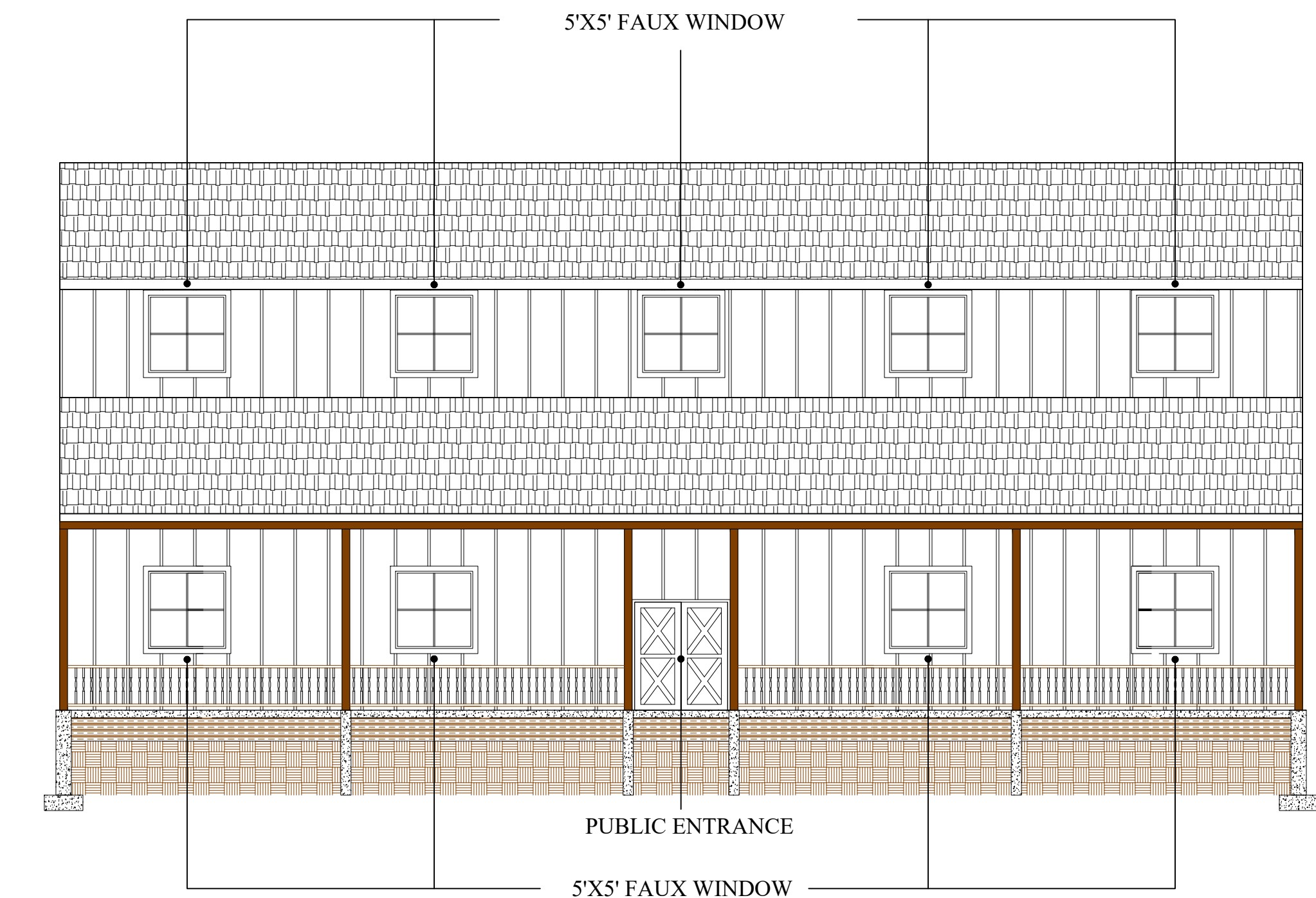
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FINISH
FLOOR PLANS

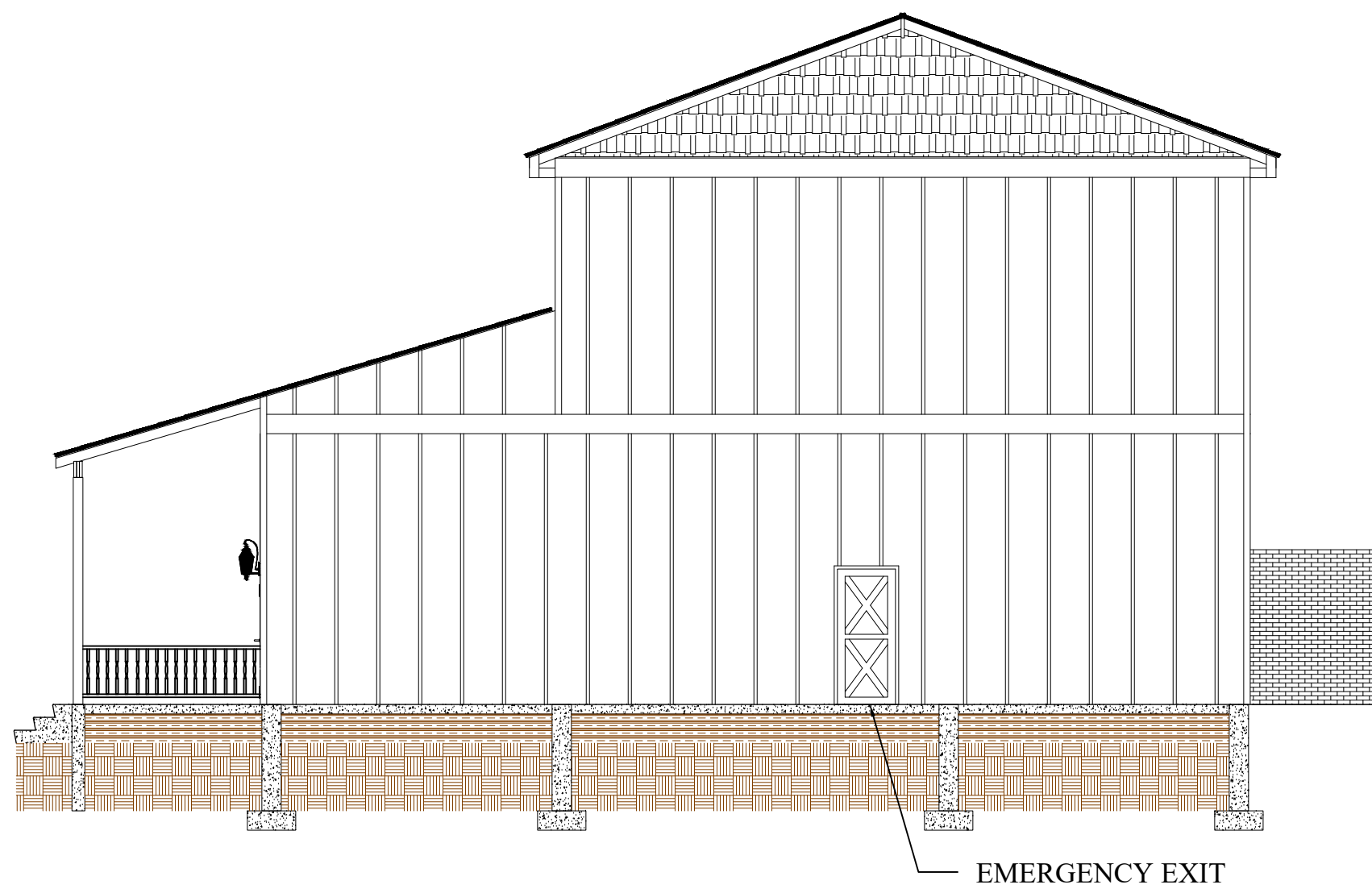
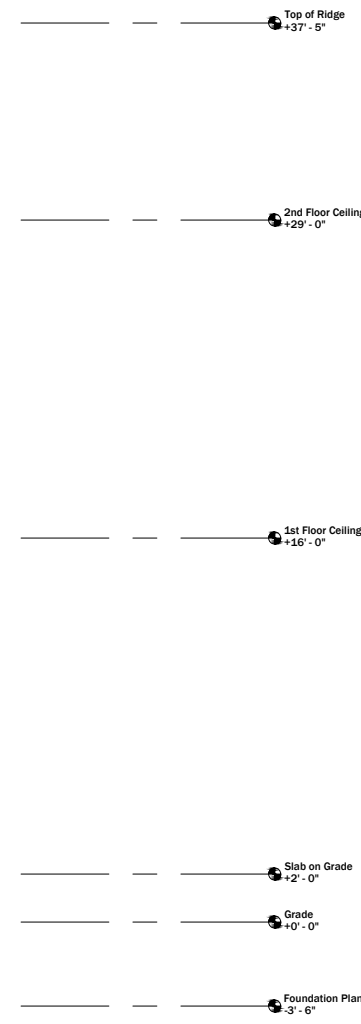
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A-204

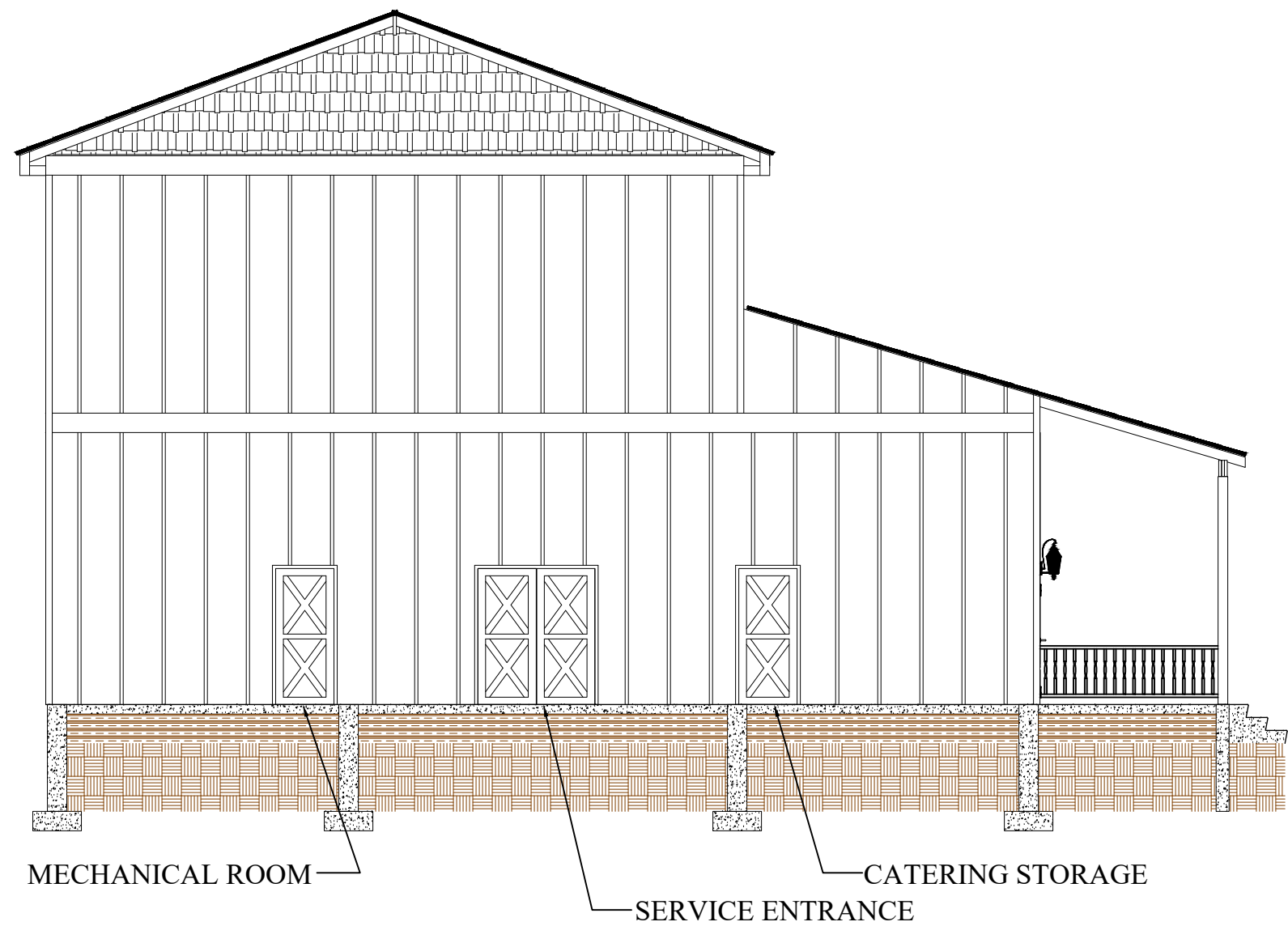
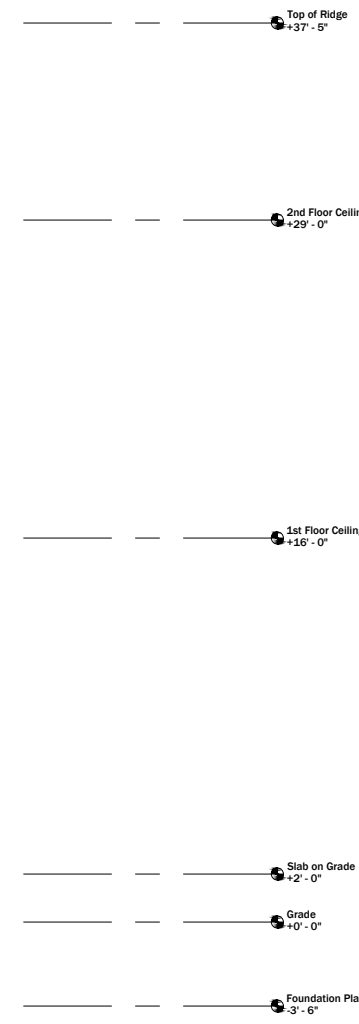
NATIONAL MUSEUM OF PUERTO RICAN ARTS & CULTURE - ARCHIVE BUILDING



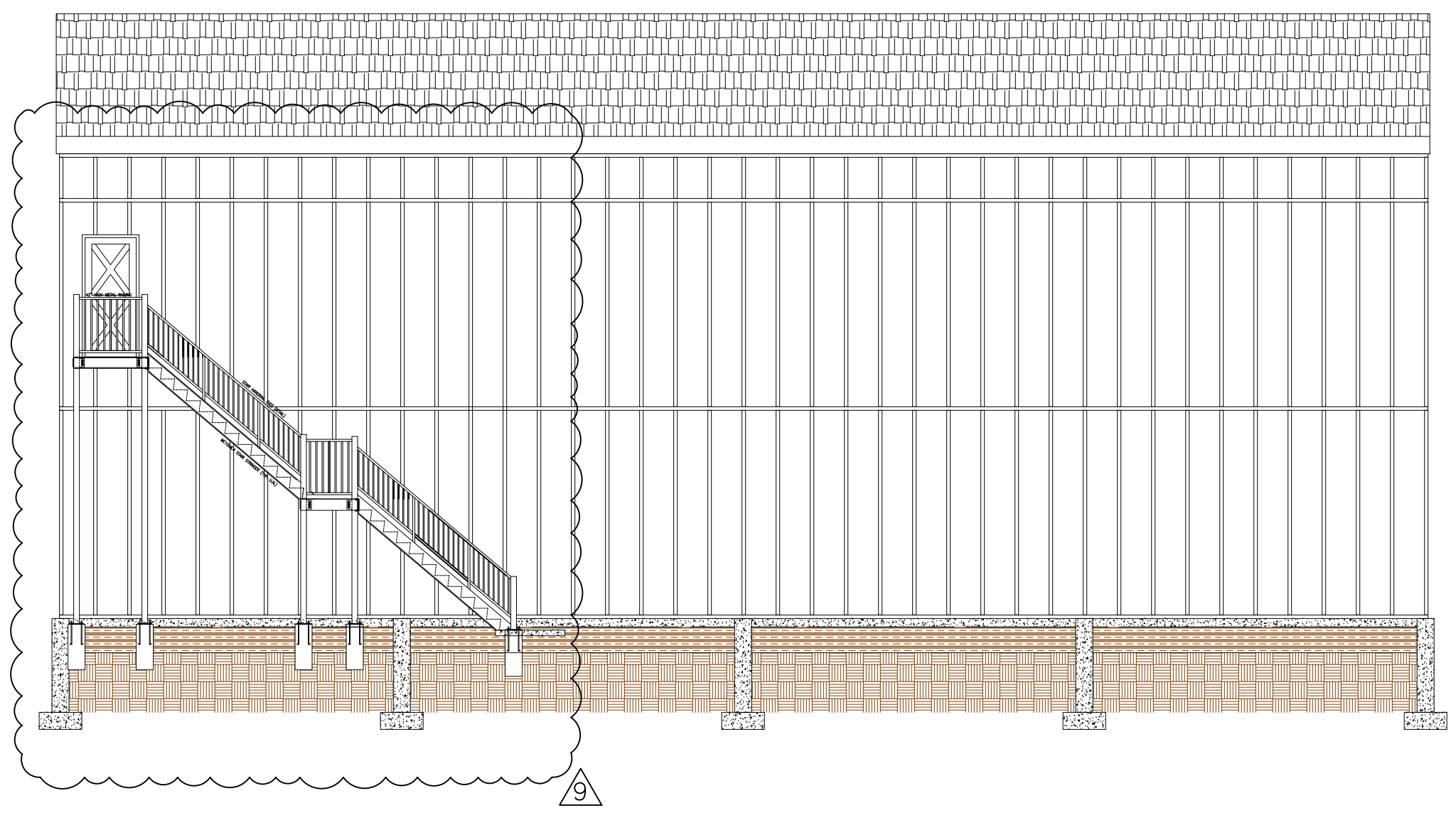
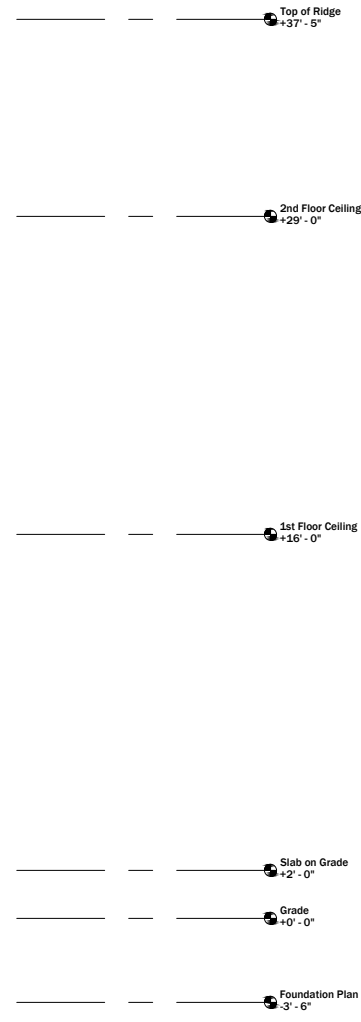
NORTH ELEVATION
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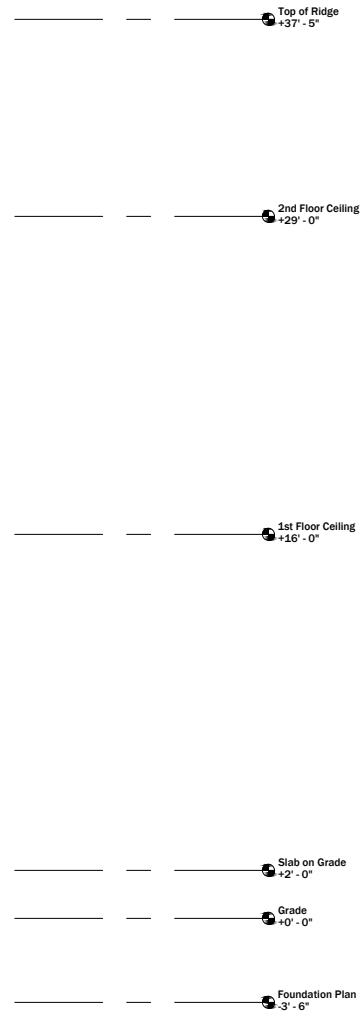
WEST ELEVATION
SCALE: 1/8"=1'-0"



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



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



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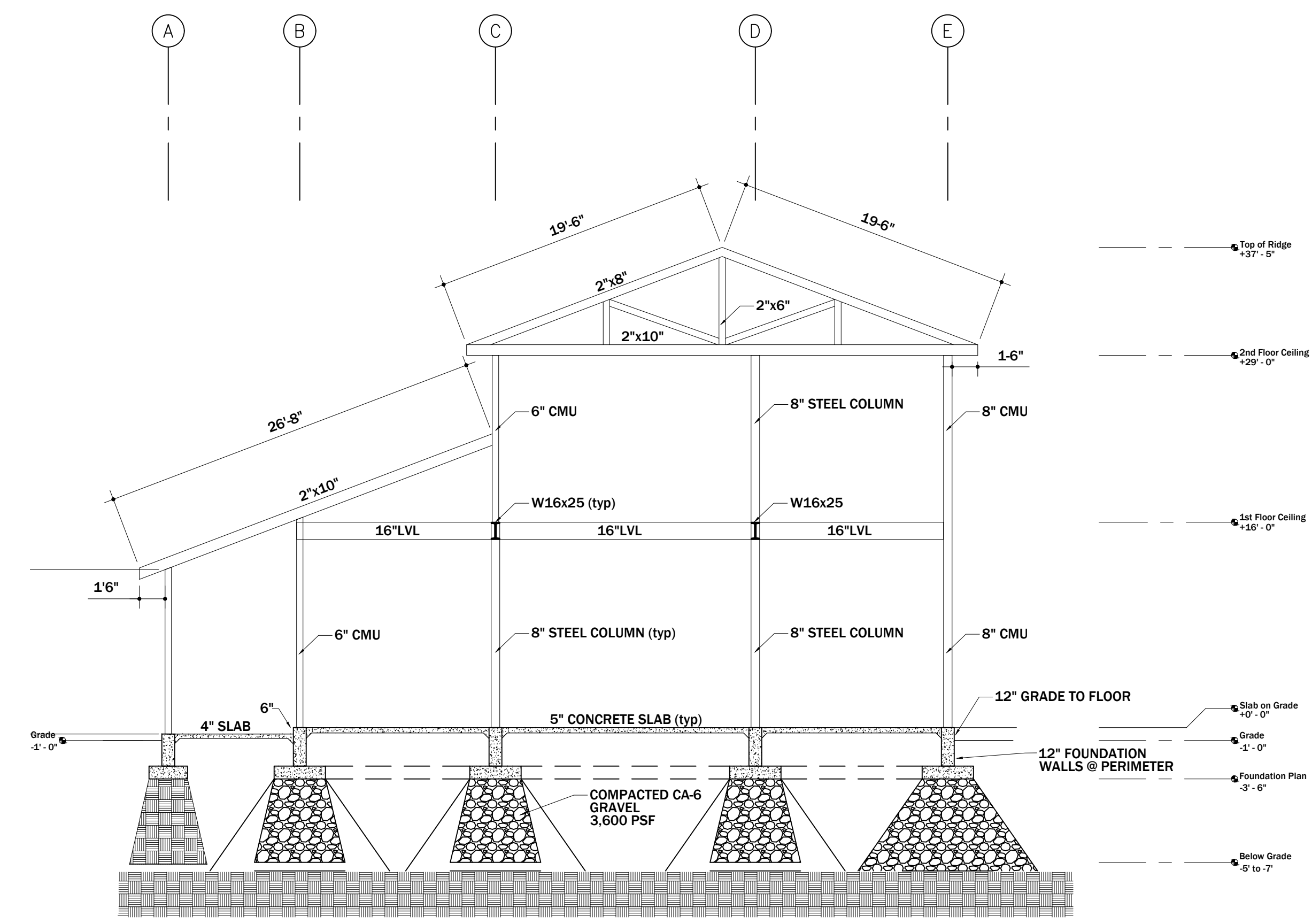
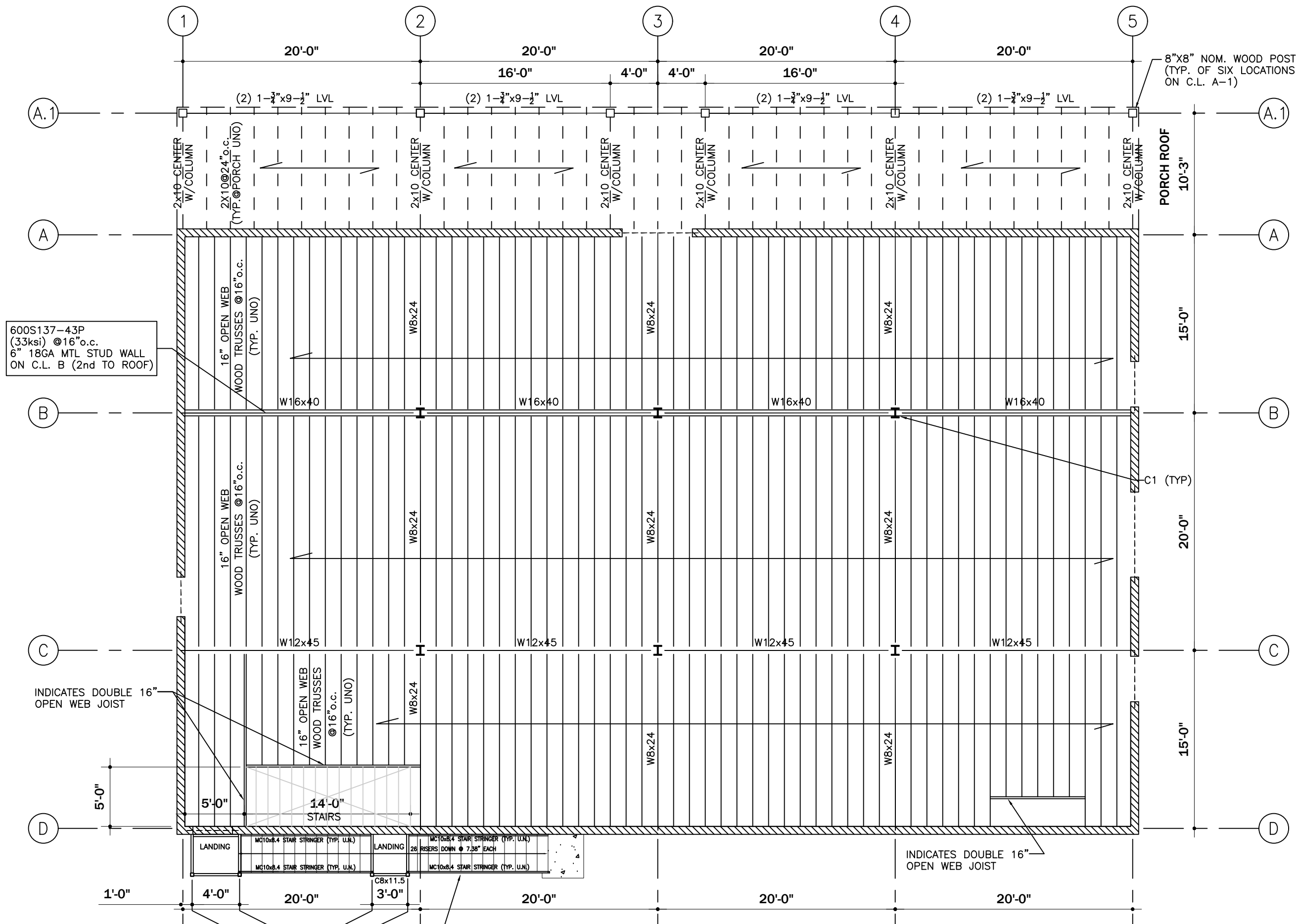
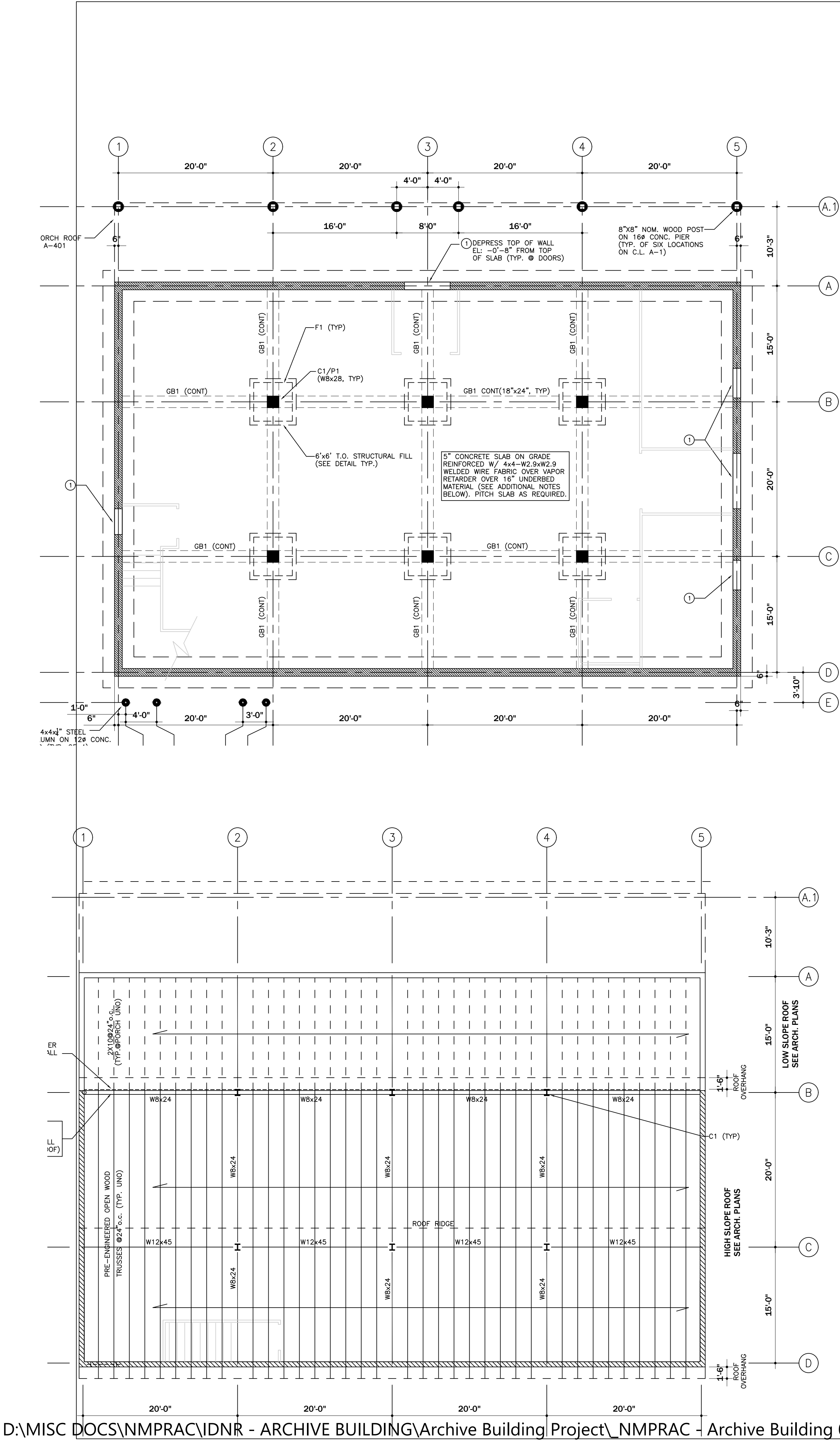
SHEET TITLE

**EXTERIOR
ELEVATIONS**

SHEET NUMBER

A-300

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NMPRAC
3015 W. DIVISION STREET

CHICAGO ILLINOIS

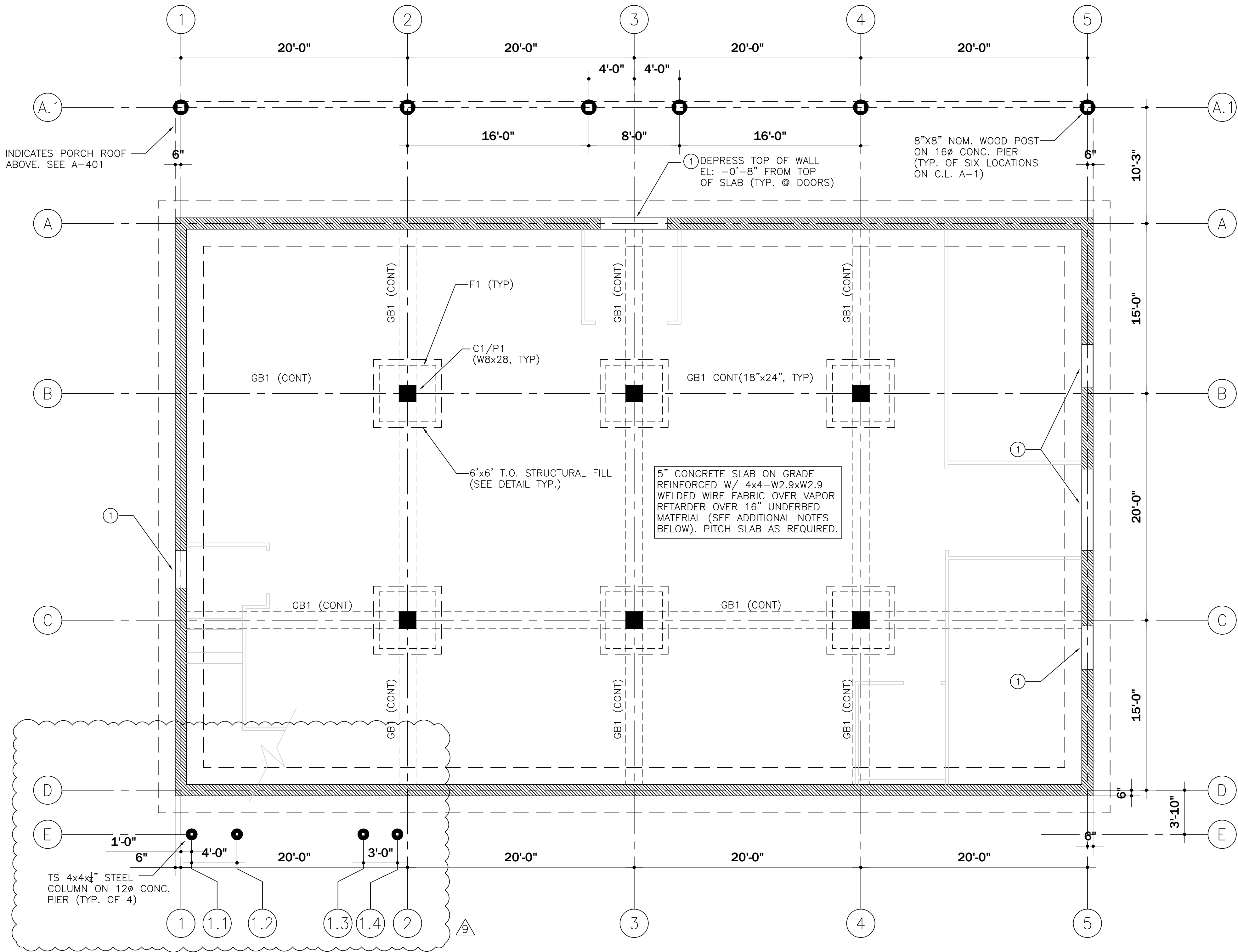
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STRUCTURAL
PLANS

SHEET NUMBER

S-100

NATIONAL MUSEUM OF FORTO ROMAN ARTS & CULTURE - ARCHIVE BUILDING

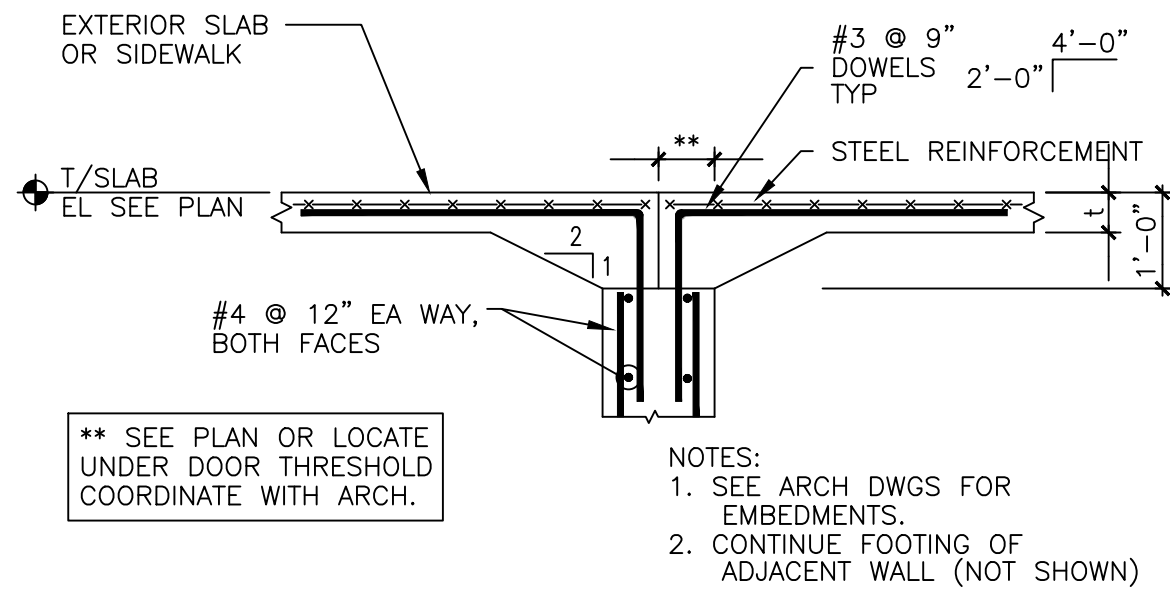
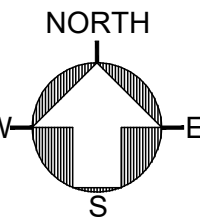


NOTE:
CONCRETE FLOOR SLAB SUBGRADE TO BE OVEREXCAVATED AN ADDITIONAL 18" BELOW THE BOTTOM OF THE SLAB SUBBASE. THE OVEREXCAVATION TO BE BACKFILLED WITH CA-6 GRADATION CRUSHED STONE. THE CONCRETE FLOOR SLAB IS TO BE SUPPORTED ON A LAYER OF COMPACTED GRANULAR FILL CONSISTING OF A MIN. OF 8" OF CA-6 STONE PLACED UPON A MIN. OF 6" OF FREE DRAINAGE STONE SUCH AS IDOT CA-7. (REFER TO GEOTECHNICAL INVESTIGATION REPORT NMPRAC BY GSG CONSULTANTS)

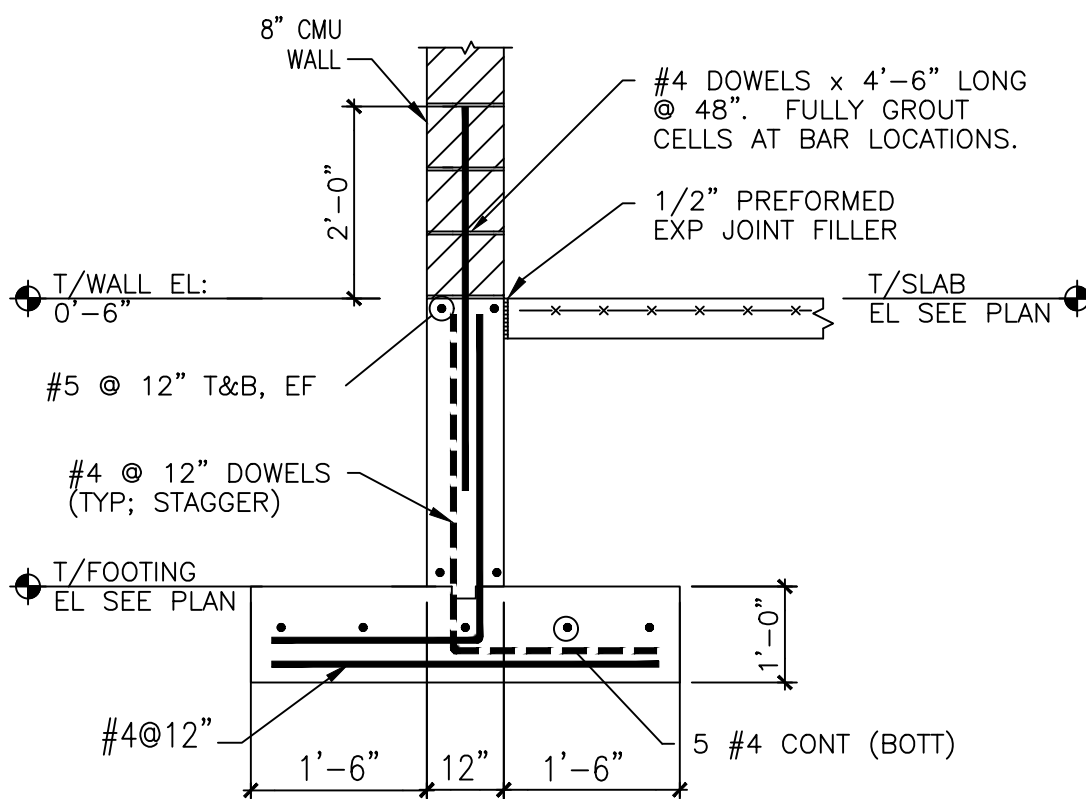
NOTE:
1. SEE SHEET A-403 FOR TYPICAL FOUNDATION DETAILS
2. SEE SHEET GS3.0 FOR GENERAL NOTES
3. TOP OF FOUNDATION WALL EL.: +0'-6" U.N.O.
4. BOTTOM OF FOOTING EL.: -3'-6" U.N.O.
5. BOTTOM OF STRUCTURAL FILL VARIES BETWEEN EL.: -5'-6" AND EL.: -7'-0". (REFER TO GEOTECHNICAL INVESTIGATION REPORT NMPRAC BY GSG CONSULTANTS)

FOUNDATION PLAN

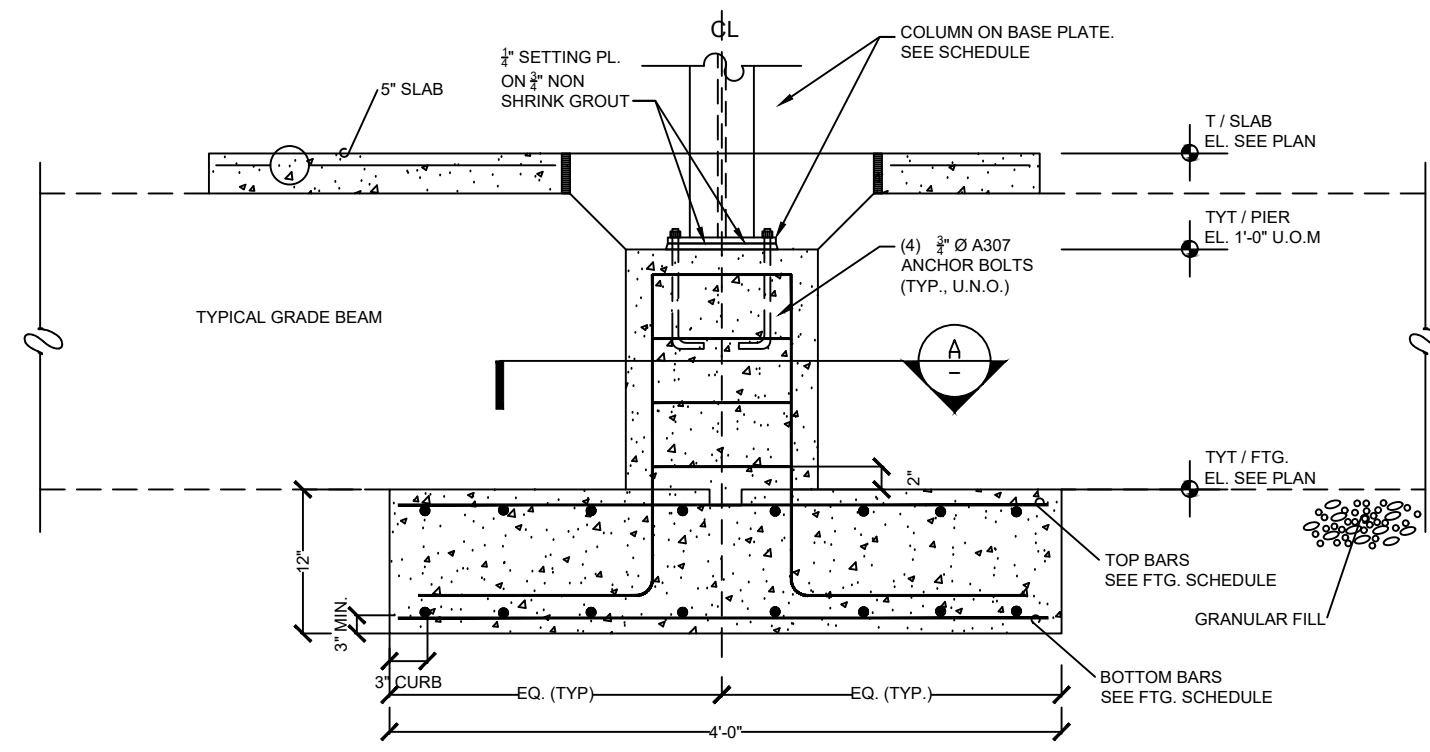
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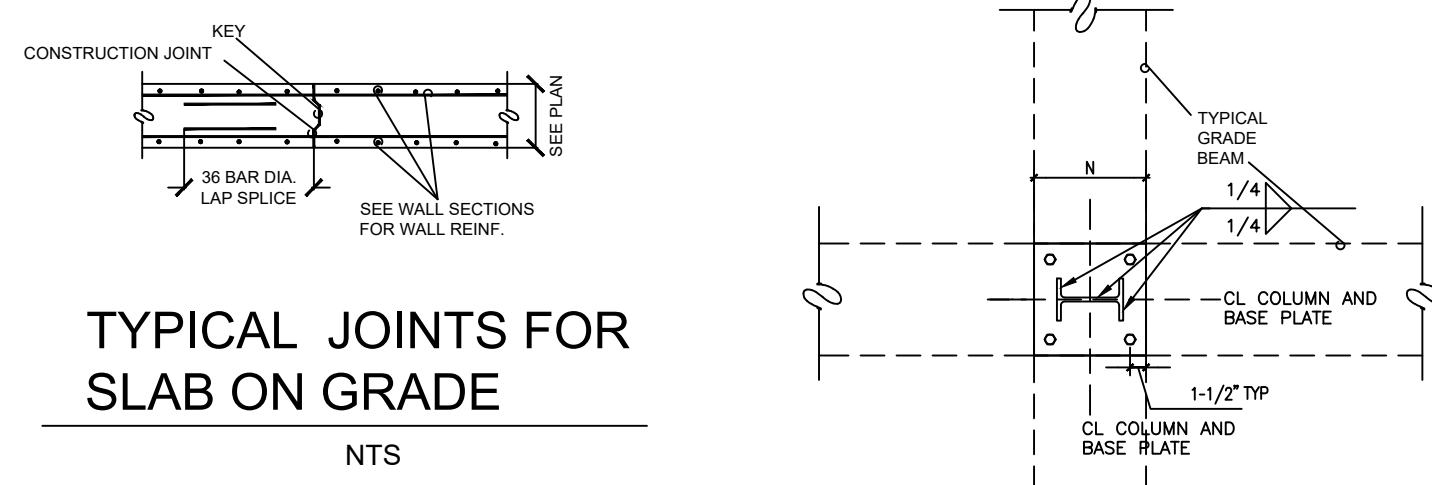
1
A400
TYPICAL FOUNDATION
WALL SECTION AT DOOR



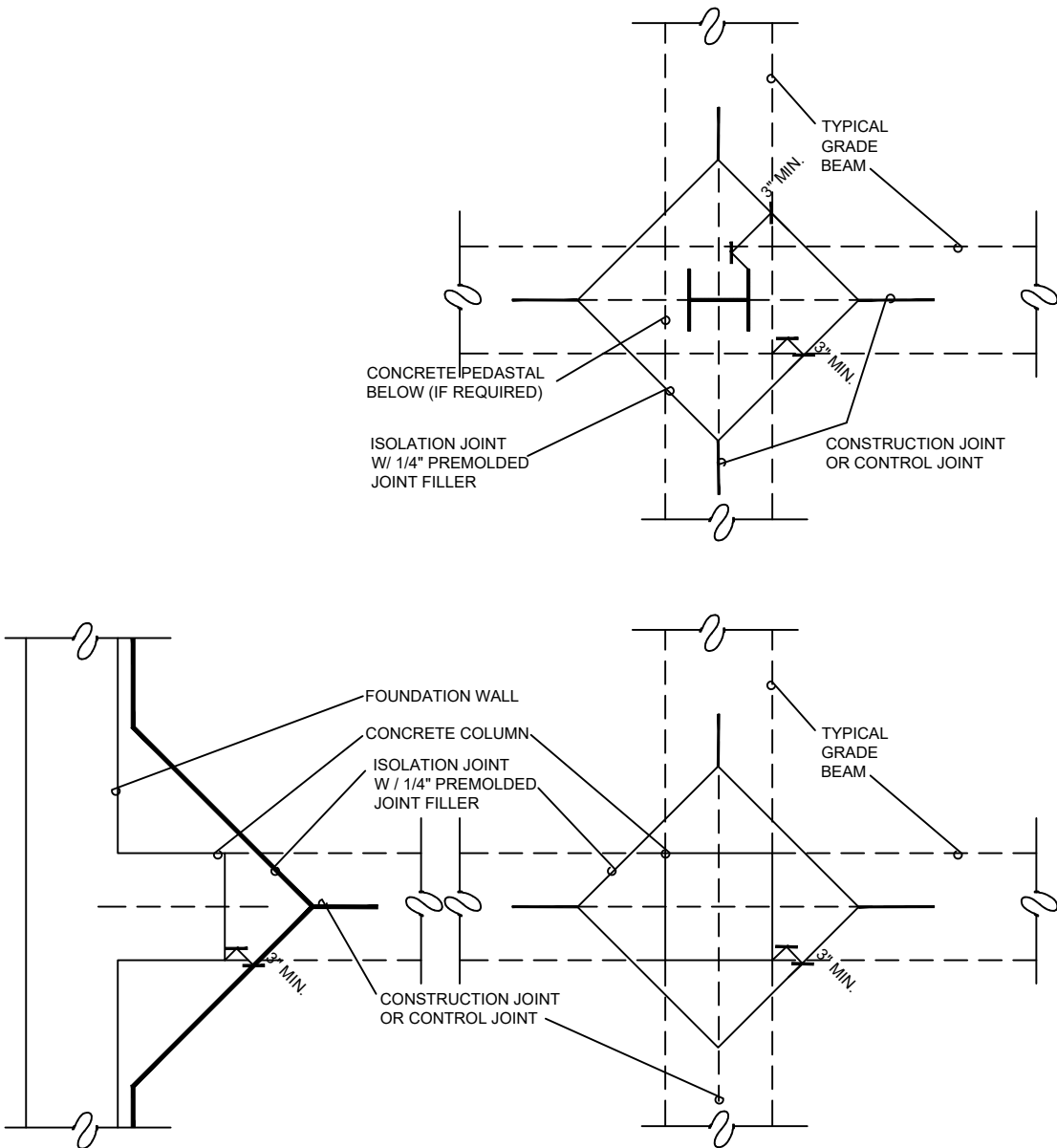
2
A400
FOUNDATION
WALL SECTION



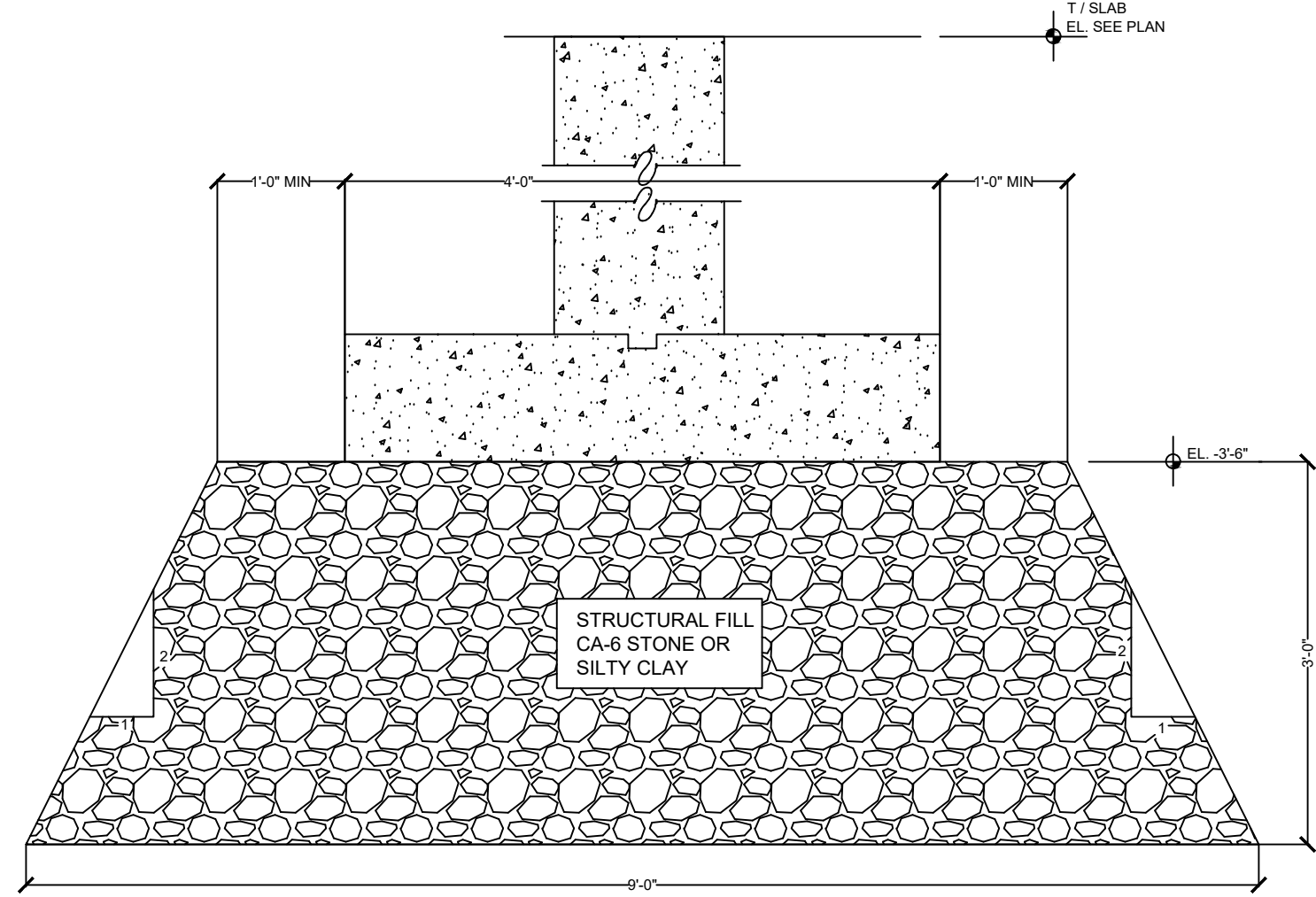
TYPICAL COLUMN
FOOTING WITH PIER
NTS



TYPICAL JOINTS FOR
SLAB ON GRADE
NTS



TYPICAL WALL
CONSTRUCTION JOINTS DETAILS
NTS



STRUCTURAL FILL PLACEMENT BELOW FOOTING
NTS

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PROJECT ADDRESS

NMPRAC
3015 W. DIVISION STREET

CHICAGO ILLINOIS

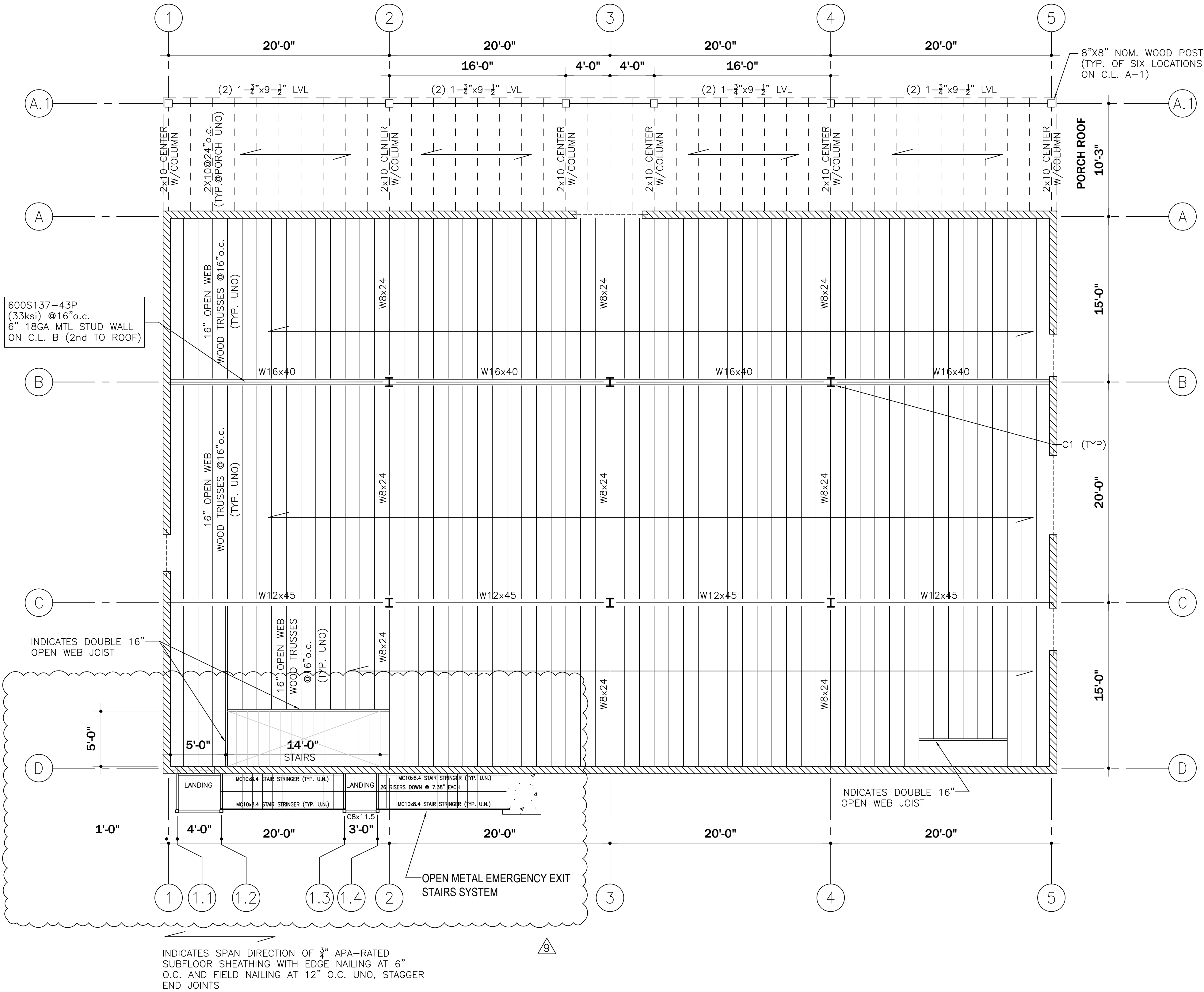
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**FOUNDATION
PLAN**

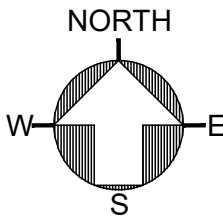
SHEET NUMBER

A-400

NATIONAL MUSEUM OF PAPER, BOOK ARTS & CULTURE - ARCHIVE BUILDING



2nd FLOOR FRAMING PLAN
SCALE: 3/16"=1'-0"



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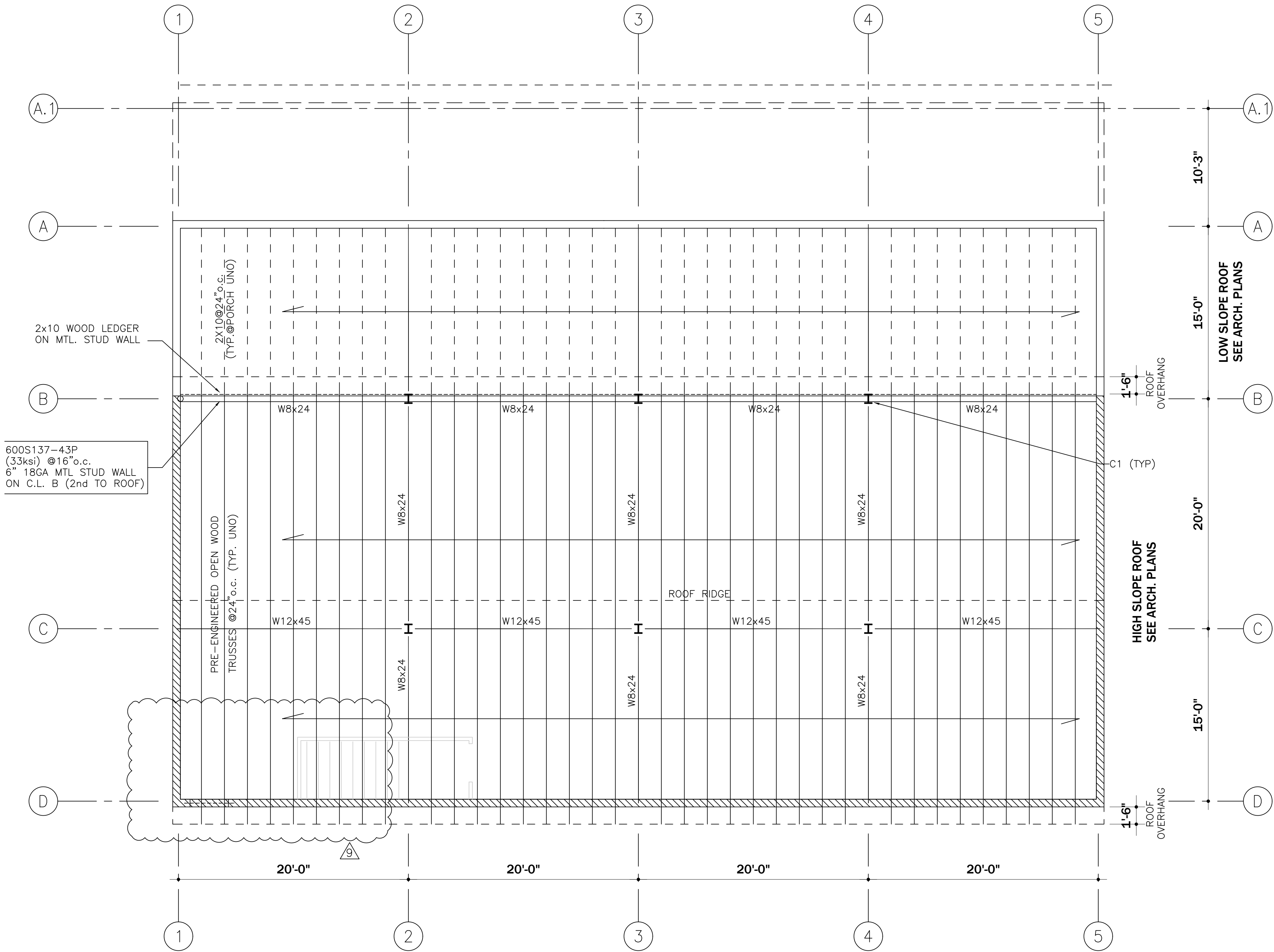
CHICAGO ILLINOIS

SHEET TITLE
**SECOND FLOOR
FRAMING PLAN**

SHEET NUMBER

A-401

NATIONAL MUSEUM OF FORTO ROMAN ARTS & CULTURE - ARCHIVE BUILDING

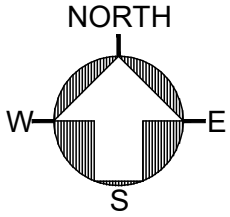


2x10 WOOD LEDGER
ON MTL. STUD WALL

600S137-43P
(33ksi) @16"o.c.
6" 18GA MTL STUD WALL
ON C.L. B (2nd TO ROOF)

INDICATES SPAN DIRECTION OF $\frac{3}{4}$ " APA-RATED
SUBFLOOR SHEATHING WITH EDGE NAILING AT 6"
O.C. AND FIELD NAILING AT 12" O.C. UNO, STAGGER
END JOINTS

ROOF FRAMING PLAN
SCALE: 3/16"=1'-0"



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3015 W. DIVISION STREET

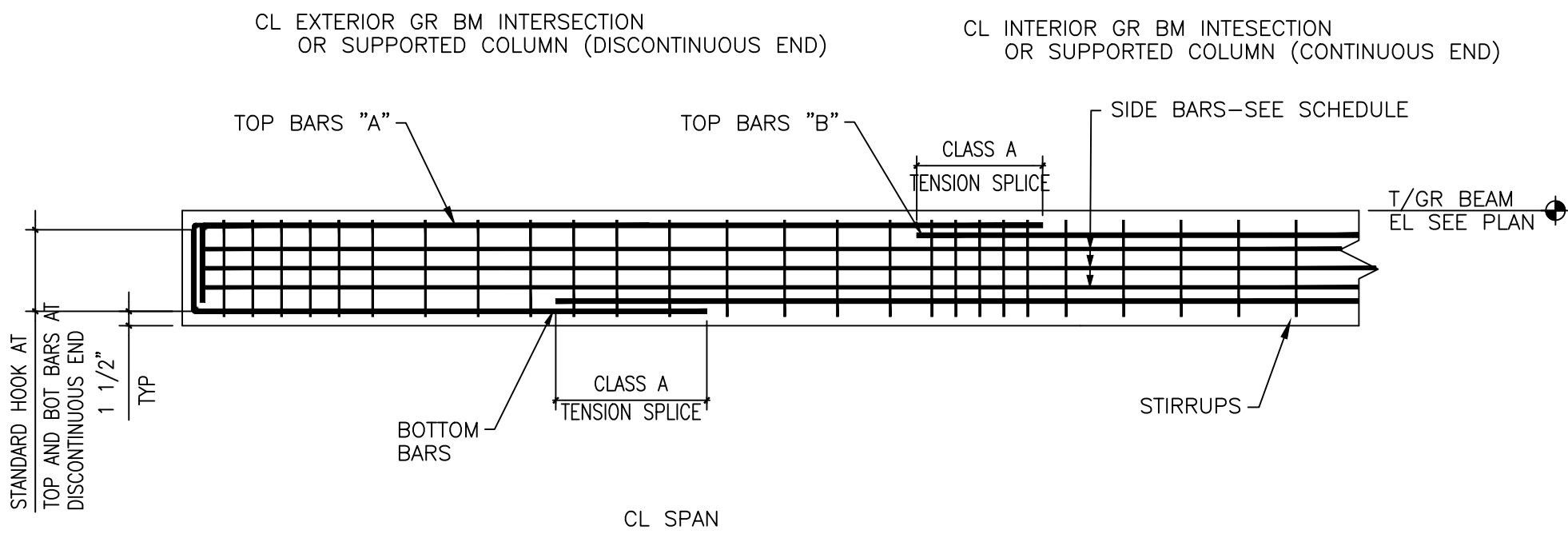
CHICAGO ILLINOIS

SHEET TITLE
ROOF FRAMING
PLAN

SHEET NUMBER

A-402

NATIONAL MUSEUM OF PUERTO RICAN ARTS & CULTURE - ARCHIVE BUILDING

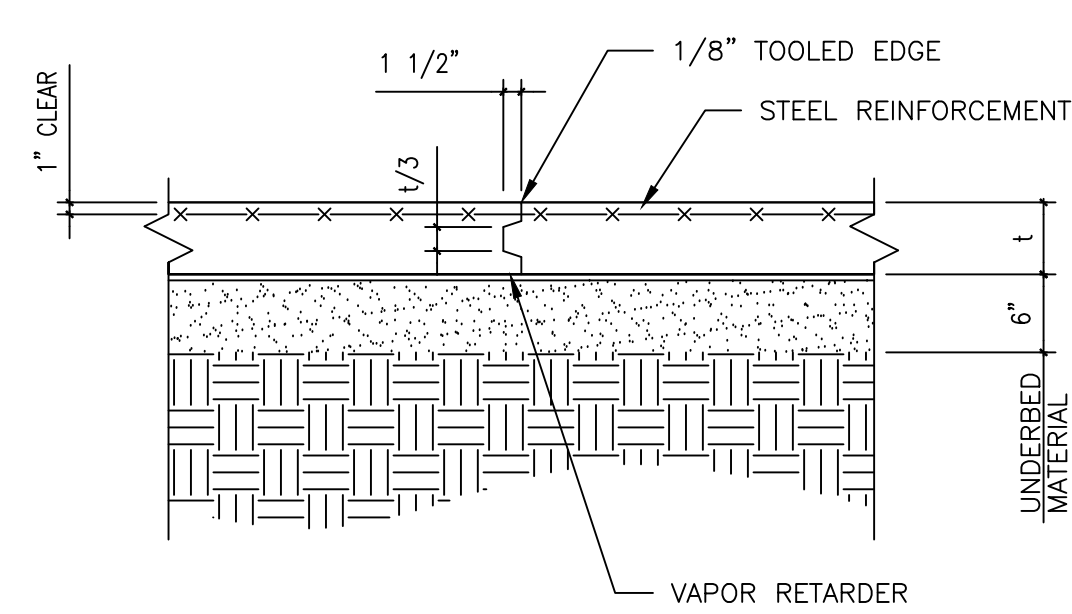


1 REINFORCED CONCRETE GRADE BEAM DETAIL

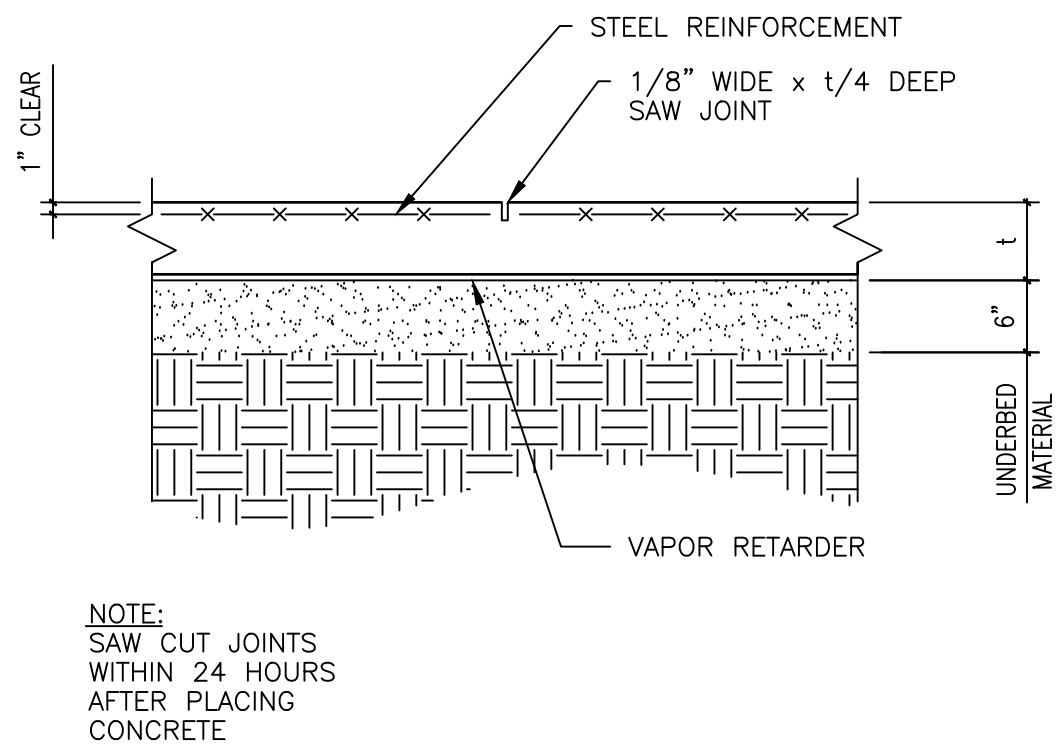
NOTES:
1. BARS FOR SINGLE-SPAN GRADE BEAMS SHALL BE CONTINUOUS (NO SPLICES).
2. SEE GRADE BEAM SCHEDULE FOR REINFORCEMENT.

GRADE BEAM SCHEDULE											f'c = 3,500 PSI fy = 60,000 PSI
MARK	SIZE		LONGITUDINAL REINF			SIDE BARS		STIRRUPS			REMARKS
	WIDTH	DEPTH	BOTTOM	TOP BARS "A"	TOP BARS "B"	SIZE	SPACING	SIZE	TYPE	SPACING EA END	
GB1	18	24	4-#7	4-#7	-	#5	9"	#3	U	12"	GB IS CONTINUOUS

2 GRADE BEAM SCHEDULE



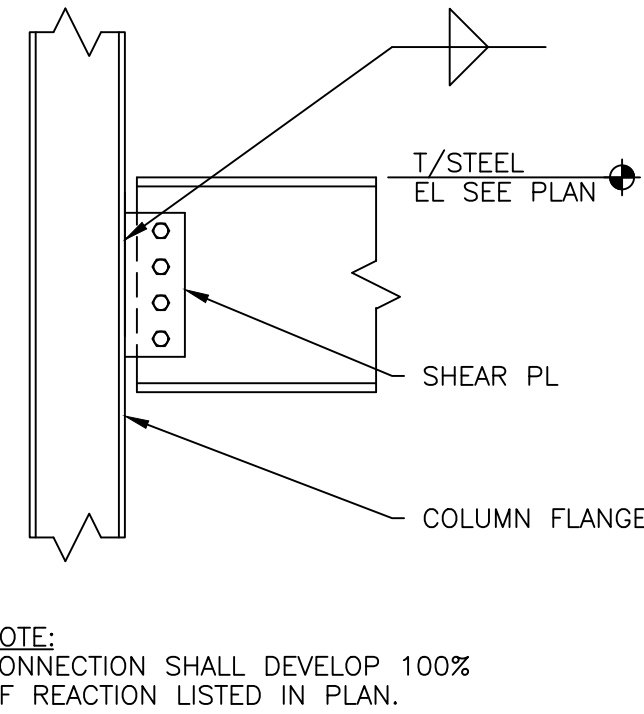
3 TYPICAL SLAB ON GRADE CONSTRUCTION JOINT



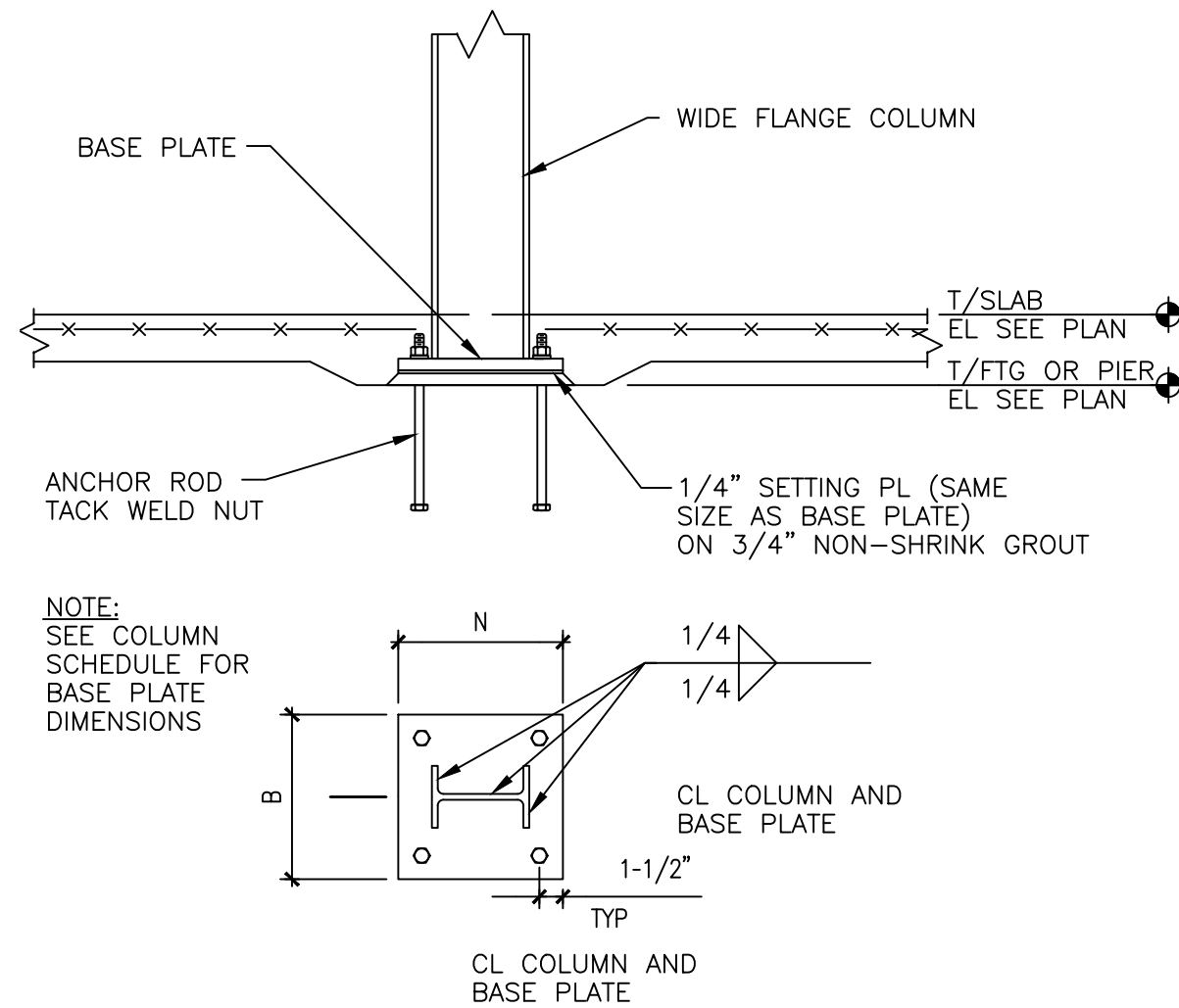
4 TYPICAL SLAB ON GRADE CONTRACTION JOINT

COLUMN SCHEDULE						Fy = 50 KSI UNO
COLUMN MARK	LEVEL					
C1	SECOND FLOOR					
	FIRST FLOOR	W8x28				
BASE PLATE	t x N x B	1-1/2"x14"x14"				
ANCHOR BOLTS		4-1"Øx12"				
REMARKS						

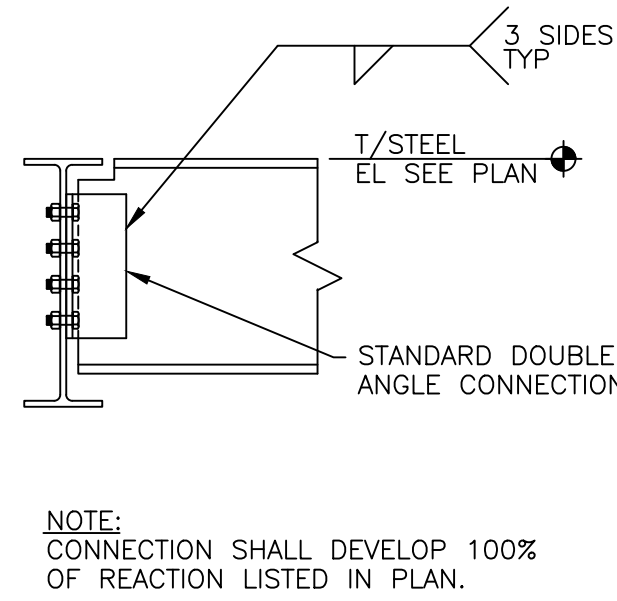
5 COLUMN SCHEDULE



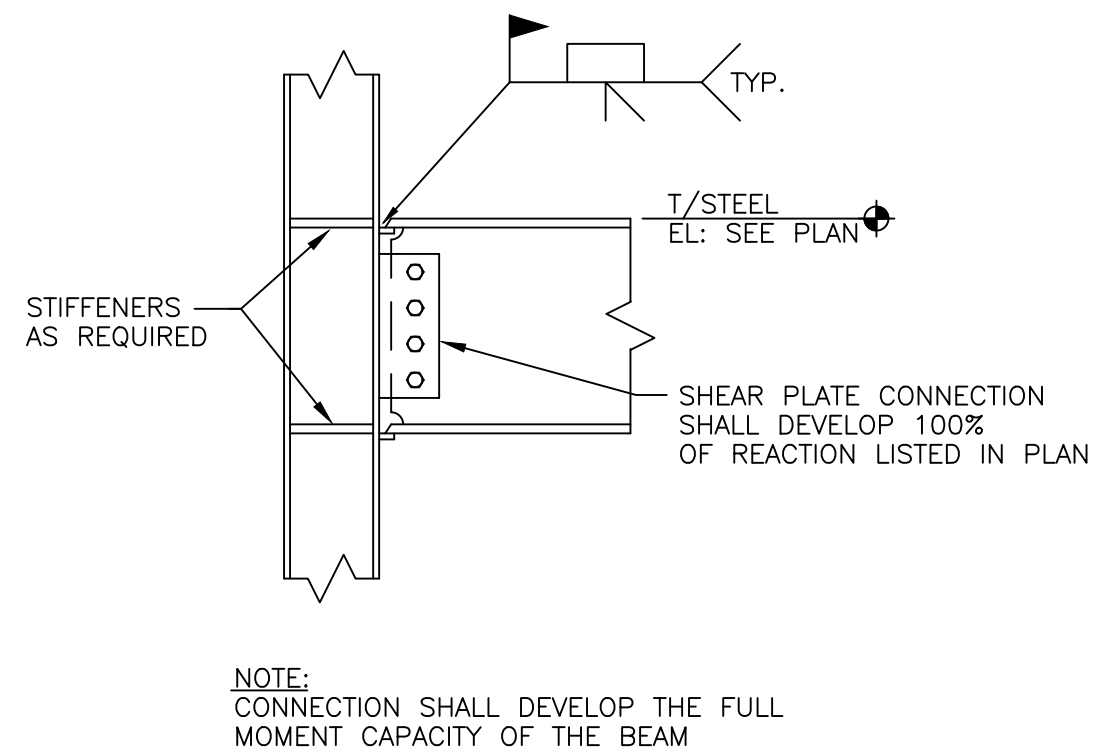
8 TYPICAL BEAM TO COLUMN SHEAR PLATE CONNECTION



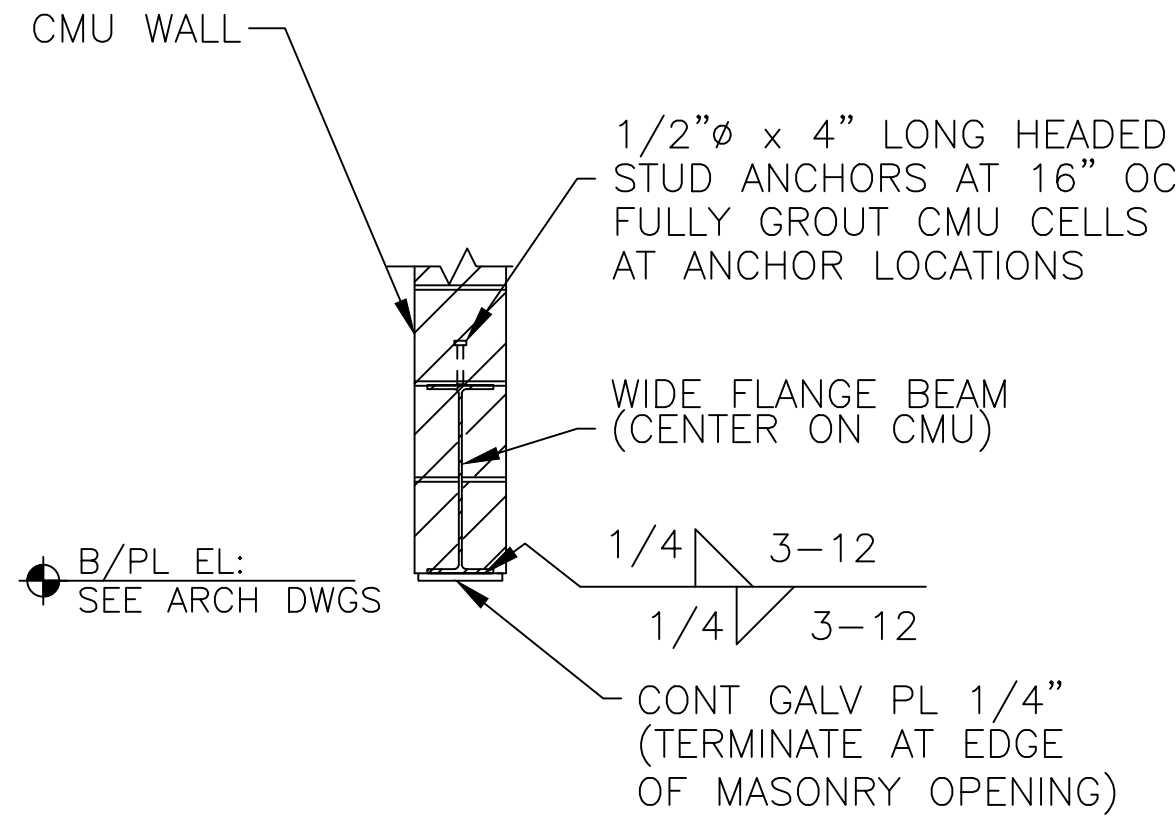
6 TYPICAL MOMENT COLUMN BASE PLATE DETAIL



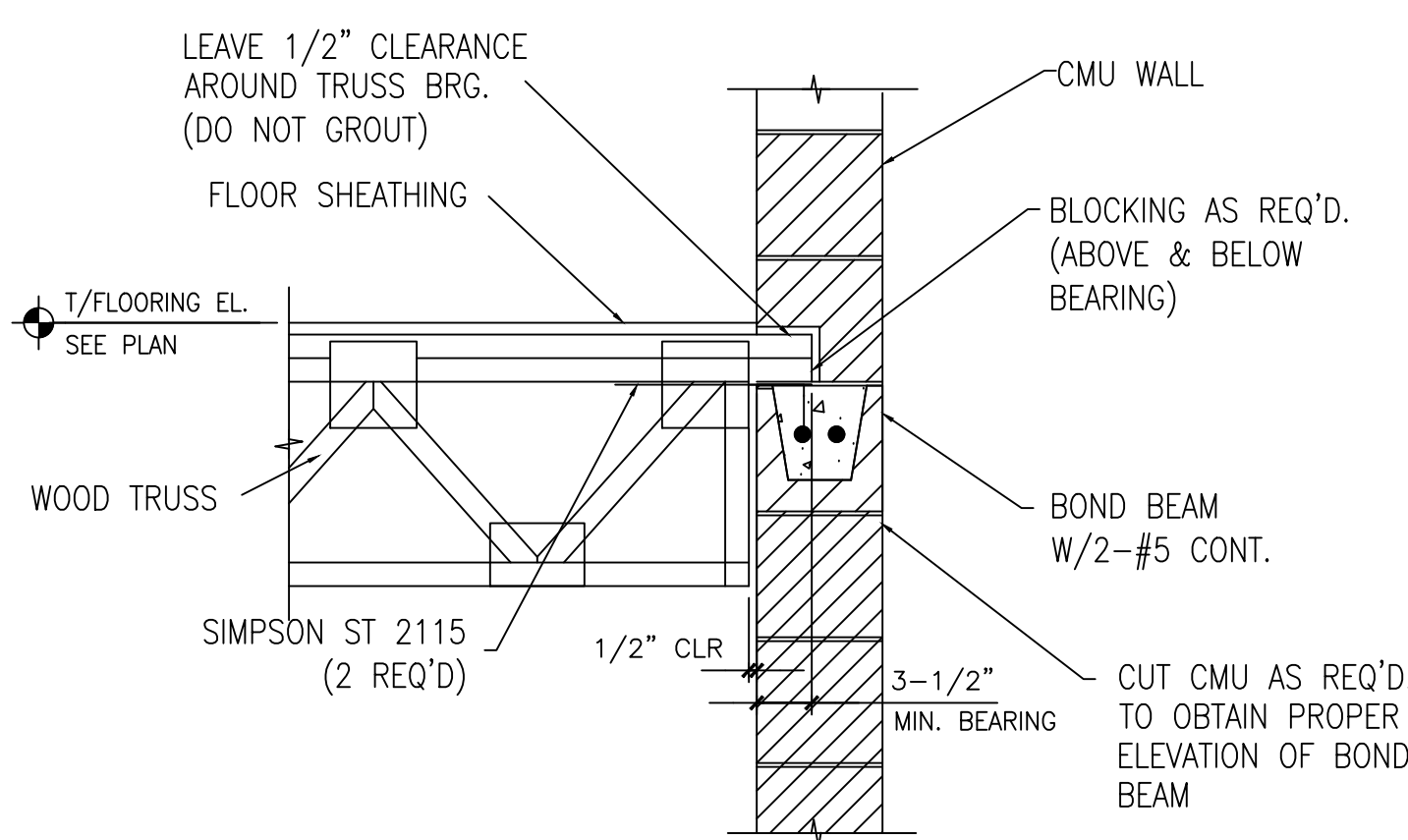
9 TYPICAL BEAM TO BEAM SHEAR CONNECTION



7 TYPICAL BEAM TO COLUMN MOMENT CONNECTION



10 LINTEL SECTION



11 TYPICAL FLOOR TRUSS BEARING



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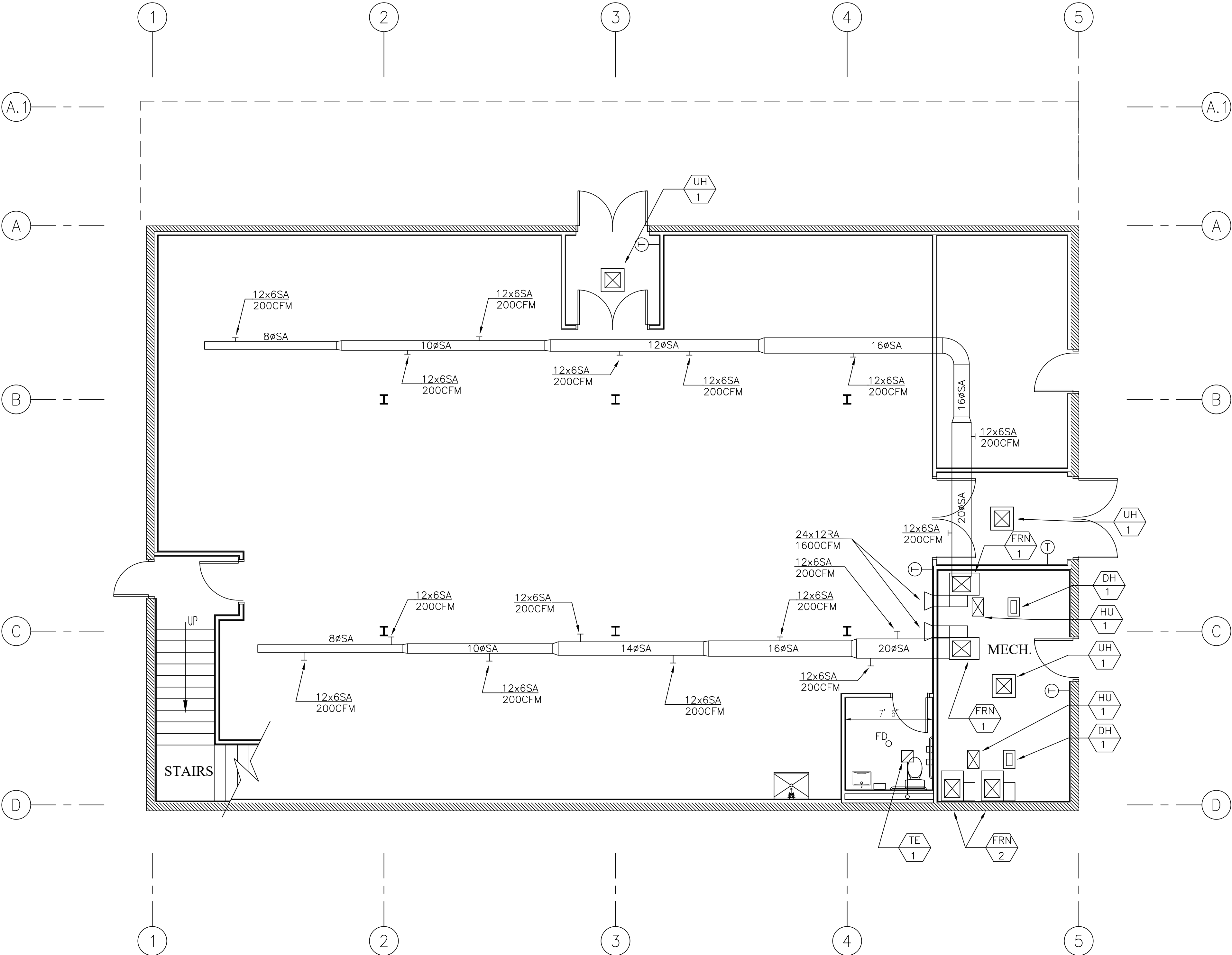
CHICAGO ILLINOIS

SHEET TITLE
STRUCTURAL
DETAILS

SHEET NUMBER

A-403

NATIONAL MUSEUM OF PUERTO RICAN ARTS & CULTURE - ARCHIVE BUILDING



- GENERAL NOTES**
- CONTRACTOR SHALL ABIDE BY CONDITIONS OF CONTRACT AGREEMENT AND SPECIFICATIONS
 - IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE ALL NEW WORK WITH ALL TRADES PRIOR TO ANY WORK BEING DONE TO ENSURE CONFLICTS DO NOT OCCUR.
 - ANY DISCREPANCY BETWEEN DRAWINGS, SPECIFICATIONS AND NOTES SHALL BE CLEARED WITH ENGINEER BEFORE THE BIDDING, NO EXTRAS SHALL BE ALLOWED FOR CLARIFICATIONS DURING CONSTRUCTION.
 - MECHANICAL CONTRACTOR SHALL SEAL ALL MECHANICAL PENETRATIONS THRU FIRE RATED FLOORS AND PARTITIONS WITH FIRE RATED MATERIAL INSTALLED PER MANUFACTURERS GUIDELINES AND UNDERWRITERS LABORATORY (U.L.) LISTING. MATERIAL SELECTION SHALL BE BASED ON RATING OF PARTITION PENETRATED. SEE ARCHITECTURAL DRAWINGS FOR FIRE RATINGS OF WALL AND FLOORS.
 - MECHANICAL CONTRACTOR TO COMPLETE FULL TESTING AND BALANCING OF ALL SUPPLY, RETURN AND EXHAUST AIR SYSTEMS IN RENOVATED AREA.

MECHANICAL NOTES

- ALL WORK PERFORMED AND EQUIPMENT INSTALLED SHALL CONFORM TO ALL APPLICABLE CITY OF CHICAGO BUILDING CODES.
- ALL NEW DUCTWORK SHALL BE FABRICATED OF PRIME FIRST QUALITY GALVANIZED SHEET METAL UNLESS NOTED OTHERWISE (U.N.O.). GAUGES OF METAL, SPACING, ETC. SHALL CONFORM TO THE LATEST EDITION OF ASHRAE CONSTRUCTION STANDARDS FOR DUCTWORK CONSTRUCTION.
- WORKMANSHIP SHALL BE DONE IN A FIRST CLASS MANNER
- ALL MATERIALS USE FOR THE JOB SHALL BE NEW AND THE BEST OF THEIR KIND.
- THIS CONTRACTOR SHALL GUARANTEE ALL WORK AND MATERIALS FOR ONE YEAR AFTER COMPLETION AGAINST ALL DEFECTS OF MATERIALS, EQUIPMENT AND WORKMANSHIP.
- THIS CONTRACTOR TO TEST SYSTEM PRIOR TO OPERATION
- THIS CONTRACTOR TO INSTALL COLLAR DAMPERS AT EACH SUPPLY DUCT TAKE-OFF TO PROVIDE THE MEANS FOR PROPER SYSTEM AIR BALANCING.
- THIS CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND INSTALLATION OF TEMPERATURE CONTROL SYSTEM.
- ALL SUPPLY AND RETURN REGISTERS SHALL BE HART & COOLEY RESIDENTIAL TYPE WITH OPPOSED BLADE DAMPER OR EQUAL.
- ALL FLOOR REGISTERS AND DIFFUSERS ARE TO BE LOCATED A MAXIMUM OF 9 INCHES FROM ADJACENT WALLS.
- MECHANICAL DRAWINGS ARE SCHEMATIC FOR PERMIT PROCESS ONLY. VERIFY WITH MECHANICAL CONTRACTOR.
- HEAT ALL ROOMS FROM -10° TO 70°
- BATHROOM EXHAUST FANS SHALL BE SIZED IN ACCORDANCE WITH SCHEDULE AND DUCTED TO EXTERIOR WITH SUITABLE CAP AND BACK-DRAFT DAMPER.

1st FLOOR VENTILATION PLAN

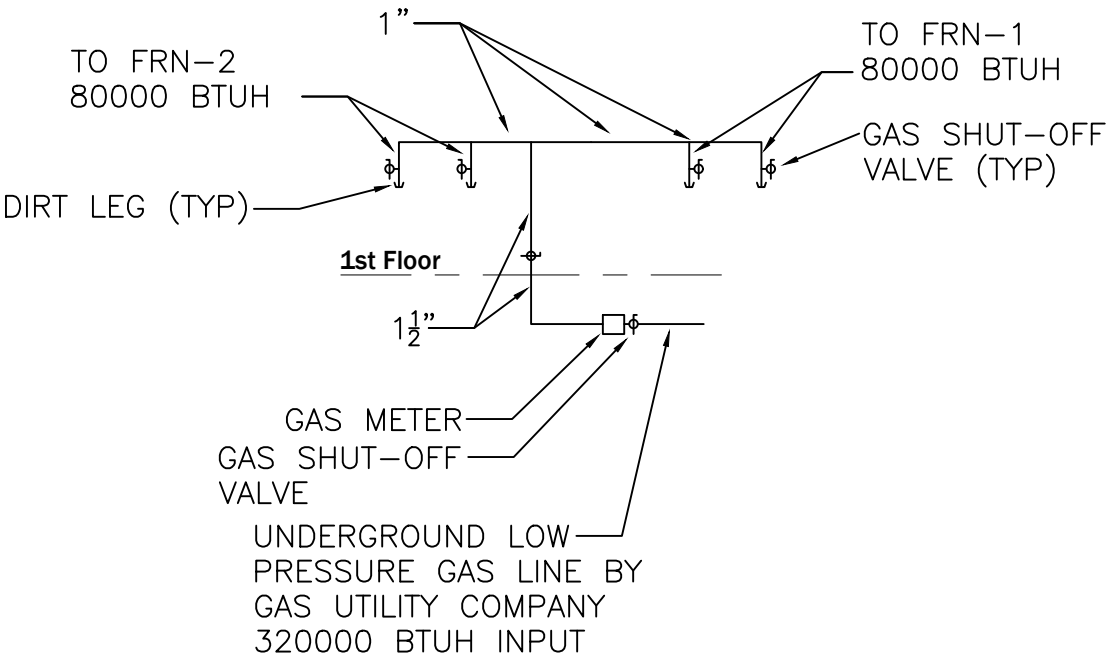
SCALE: 3/16"=1'-0"

VENTILATION SCHEDULE										HEATING DATA			
ROOM NO.	ROOM DESCRIPTION	FLOOR AREA (SQ.FT.)	CODE REQUIRED	ACTUAL	CODE REQUIRED	ACTUAL	REMARKS (supp./exh.)	BASIS OF HEAT LOSS CALCULATION	ACTUAL BTU HEAT LOSS	ORD. REQ. SUPPLY CFM @175 F	ACTUAL SUPPLY CFM @175 F		
1	1st FL. INACTIVE STORAGE	2980	—	—	N.R.	N.R.	3000	—	FRN-1/-	ASHRAE	80,125	650	3000
2	TOILET	60	—	—	N.R.	N.R.	144	N.R.	EF-1	ASHRAE	N.R.	—	—
3	MECH. ROOM	226	—	—	N.R.	N.R.	N.R.	—	—	ASHRAE	N.R.	—	—
4	EAST VESTIBULE	90	—	—	N.R.	N.R.	N.R.	—	UH-1/-	ASHRAE	N.R.	—	—
5	STORAGE	225	—	—	N.R.	N.R.	200	—	FRN-1/-	ASHRAE	N.R.	—	200
6	NORTH VESTIBULE	62	—	—	N.R.	N.R.	N.R.	—	UH-1/-	ASHRAE	N.R.	—	—
7	2nd FL. INACTIVE STORAGE	2562	—	—	N.R.	N.R.	3200	—	FRN-2/-	ASHRAE	108,400	956	3200
TOTAL											188,525	1,606	7,800

NOTES
PROVIDE UNITS WITH THERMOSTATS, HUMIDIFIERS, DEHUMIDIFIERS & HUMIDISTAT. UNITS MUST BE PIPED WITH LOW PRESSURE NATURAL GAS & PIPED IN ACCORDANCE WITH A.G.A. REQUIREMENTS. PROVIDE SMOKE & CARBON MONOXIDE DETECTORS & LOCATE AS PER CODE.
TOILET EXH. — FAN SCHEDULE
TE-1, GREENHECK, MODEL SP-B150-QD, 92-160CFM OR EQUAL
ELECTRIC HEATER SCHEDULE
UH-1, INTERTEK 3400 SERIES ELECTRIC UNIT HEATER, MODEL F3482A1, 600CFM OR EQUAL, SERVING MECHANICAL ROOM, NORTH VESTIBULE AND EAST VESTIBULE.
DEHUMIDIFIER SCHEDULE
DH-1, HONEYWELL DR120A3000 SERIES, 120 PT, REFRIGERANT: R410A, 120V/ 60Hz, OR EQUAL
HUMIDIFIER SCHEDULE
HU-1, GENERALAIRE DS25 STEAM HUMIDIFIER, 230VAC/ PH1/ 60Hz OR EQUAL

HEATING EQUIPMENT SCHEDULE		
TAG	FRN-1 & 2	
MANUFACTURER	NAPOLEON	NAPOLEON TWO STAGE, VARIABLE SPEED, CONDENSING GAS FURNACE WITH ECM MOTOR
MODEL NO.	WUV0100T4BA-N	
FUEL	GAS	
HEATING INPUT	80000	
HEATING CAPACITY	77600	
EFFICIENCY	97%	
MOTOR SIZE	3/4 HP	
PHYSICAL DIMENSIONS (in.)	22 1/2 X 31 X 32 1/2	
FILTER	FIBERGLASS	

COOLING EQUIPMENT SCHEDULE		
TAG	AC-1	
MANUFACTURER	BOSCH	BOSCH INVERTER HEAT PUMP CONDENSING UNIT WITH MODULATING 3 TO 5 TON; BOSCH INDOOR EVAPORATIVE COIL WITH TXV
MODEL NO.	BOVA-60H0N1-M18M BMAC C4248 CNTF	BOSCH INVERTER HEAT PUMP CONDENSING UNIT WITH MODULATING 3 TO 5 TON; BOSCH INDOOR EVAPORATIVE COIL WITH TXV
COMPRESSOR	MITSUBISHI	MITSUBISHI DC VARIABLE SPEED ROTARY
REFRIGERANT	R-410a	
POWER SUPPLY	208/230V 1Ph, 60Hz	
EFFICIENCY	18 SEER	
LINSET	3/4 X 3/8	
CONDENSER MOTOR HP	1/2 HP	
CONDENSER MOTOR SPEEDS	VARIABLE	



SCHEDULE 40 LOW PRESSURE NATURAL GAS PIPING DIAGRAM



ARCHITECTS-CONSULTANTS
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LICENSURE SEAL AND SIGNATURE
LUIS A. MARTINEZ ILLINOIS LIC.#001-014535

DATE: NOV/2021
DESIGN BY: LAM PROJECT MANAGER: DRH
DRAWN BY: DRH PROJECT NUMBER:

NO.	REVISION/ISSUANCE	DATE
1	REVISED PER OWNER REVIEW	11-10-2021
2	REVISED PER OWNER REVIEW	11-16-2021
3	APPROVED PER OWNER REVIEW	11-17-2021
4	CONSTRUCTION DOCUMENTS 25%	02/18/2022
5	CONSTRUCTION DOCUMENTS 50%	03/10/2022
6	CONSTRUCTION DOCUMENTS 75%	03/16/2022
7	CONSTRUCTION DOCUMENTS 100%	03/29/2022
8	CODE COMPLIANCE MATRIX SHT. C51.1	09/16/2022
9	2nd FL. EMERGENCY EXIT SYSTEM	09/16/2022

PROJECT ADDRESS

NMPRAC
3015 W. DIVISION STREET

CHICAGO ILLINOIS

SHEET TITLE

MECHANICAL
1st FLOOR

SHEET NUMBER

M-500

NATIONAL MUSEUM OF PAPER, BOOK ARTS & CULTURE - ARCHIVE BUILDING

GENERAL NOTES

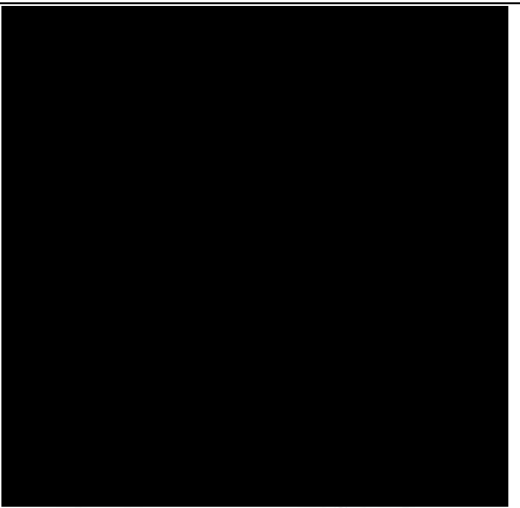
1. CONTRACTOR SHALL ABIDE BY CONDITIONS OF CONTRACT AGREEMENT AND SPECIFICATIONS
2. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE ALL NEW WORK WITH ALL TRADES PRIOR TO ANY WORK BEING DONE TO ENSURE CONFLICTS DO NOT OCCUR.
3. ANY DISCREPANCY BETWEEN DRAWINGS, SPECIFICATIONS AND NOTES SHALL BE CLEARED WITH ENGINEER BEFORE THE BIDDING, NO EXTRAS SHALL BE ALLOWED FOR CLARIFICATIONS DURING CONSTRUCTION.
4. MECHANICAL CONTRACTOR SHALL SEAL ALL MECHANICAL PENETRATIONS THRU FIRE RATED FLOORS AND PARTITIONS WITH FIRE RATED MATERIAL INSTALLED PER MANUFACTURERS GUIDELINES AND UNDERWRITERS LABORATORY (U.L.) LISTING. MATERIAL SELECTION SHALL BE BASED ON RATING OF PARTITION PENETRATED. SEE ARCHITECTURAL DRAWINGS FOR FIRE RATINGS OF WALL AND FLOORS.
5. MECHANICAL CONTRACTOR TO COMPLETE FULL TESTING AND BALANCING OF ALL SUPPLY, RETURN AND EXHAUST AIR SYSTEMS IN RENOVATED AREA.



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MECHANICAL NOTES

1. ALL WORK PERFORMED AND EQUIPMENT INSTALLED SHALL CONFORM TO ALL APPLICABLE CITY OF CHICAGO BUILDING CODES.
2. ALL NEW DUCTWORK SHALL BE FABRICATED OF PRIME FIRST QUALITY GALVANIZED SHEET METAL UNLESS NOTED OTHERWISE (U.N.O.). GAUGES OF METAL, SPACING, ETC. SHALL CONFORM TO THE LATEST EDITION OF ASHRAE CONSTRUCTION STANDARDS FOR DUCTWORK CONSTRUCTION.
3. WORKMANSHIP SHALL BE DONE IN A FIRST CLASS MANNER
4. ALL MATERIALS USE FOR THE JOB SHALL BE NEW AND THE BEST OF THEIR KIND.
5. THIS CONTRACTOR SHALL GUARANTEE ALL WORK AND MATERIALS FOR ONE YEAR AFTER COMPLETION AGAINST ALL DEFECTS OF MATERIALS, EQUIPMENT AND WORKMANSHIP.
6. THIS CONTRACTOR TO TEST SYSTEM PRIOR TO OPERATION
7. THIS CONTRACTOR TO INSTALL COLLAR DAMPERS AT EACH SUPPLY DUCT TAKE-OFF TO PROVIDE THE MEANS FOR PROPER SYSTEM AIR BALANCING.
8. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND INSTALLATION OF TEMPERATURE CONTROL SYSTEM.
9. ALL SUPPLY AND RETURN REGISTERS SHALL BE HART & COOLEY RESIDENTIAL TYPE WITH OPPOSED BLADE DAMPER OR EQUAL.
10. ALL FLOOR REGISTERS AND DIFFUSERS ARE TO BE LOCATED A MAXIMUM OF 9 INCHES FROM ADJACENT WALLS.
11. MECHANICAL DRAWINGS ARE SCHEMATIC FOR PERMIT PROCESS ONLY. VERIFY WITH MECHANICAL CONTRACTOR.
12. HEAT ALL ROOMS FROM -10° TO 70°
13. BATHROOM EXHAUST FANS SHALL BE SIZED IN ACCORDANCE WITH SCHEDULE AND DUCTED TO EXTERIOR WITH SUITABLE CAP AND BACK-DRAFT DAMPER.



LICENSE SEAL AND SIGNATURE
LUIS A. MARTINEZ ILLINOIS LIC.#001-014535

DATE: NOV/2021
DESIGN BY: LAM PROJECT MANAGER: DRH
DRAWN BY: DRH PROJECT NUMBER:

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6	CONSTRUCTION DOCUMENTS 75%	03/16/2022
7	CONSTRUCTION DOCUMENTS 100%	03/29/2022
8	CODE COMPLIANCE MATRIX SHT. CS1.1	09/16/2022
9	2nd FL EMERGENCY EXIT SYSTEM	09/16/2022

PROJECT ADDRESS

NMPRAC
3015 W. DIVISION STREET

CHICAGO ILLINOIS

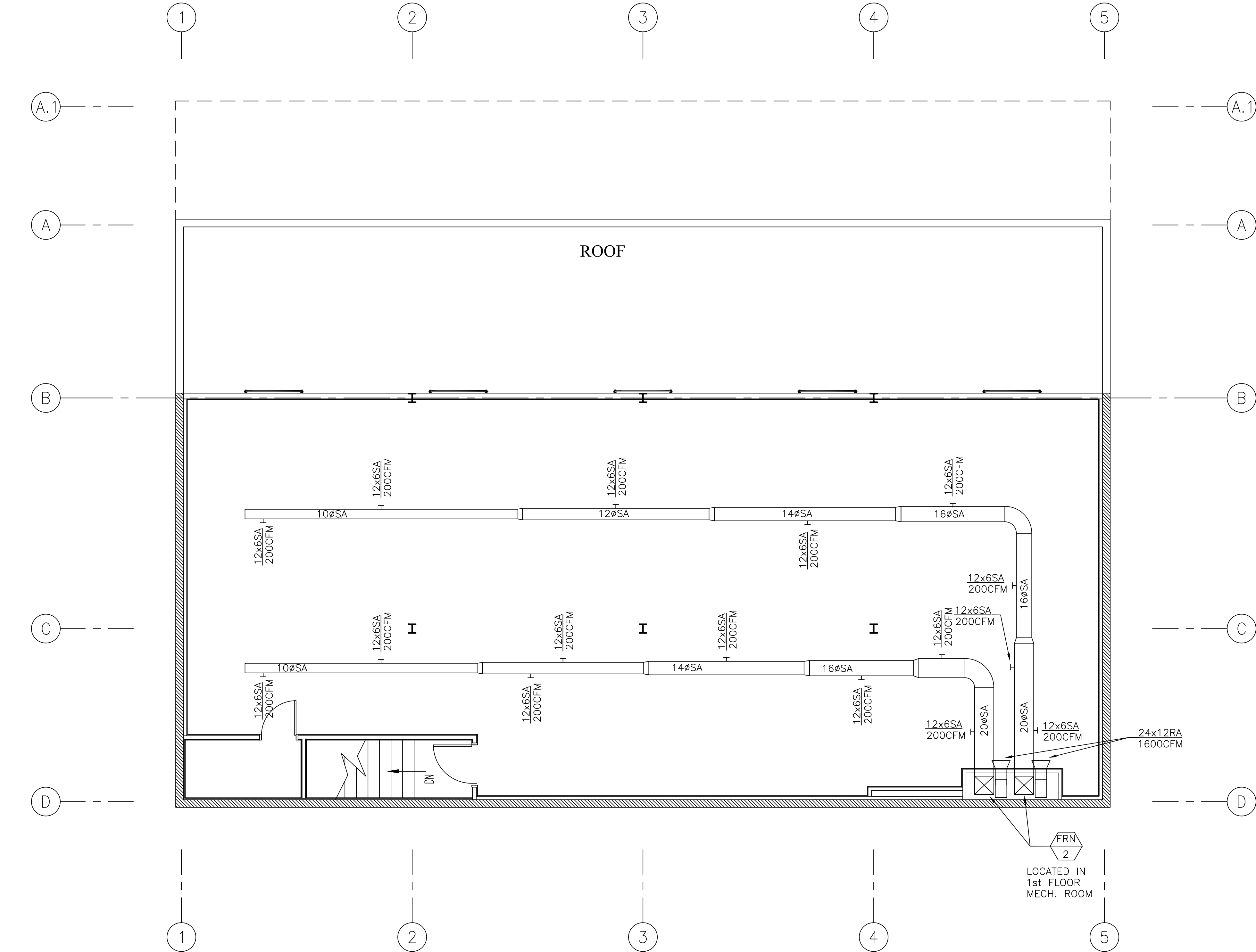
SHEET TITLE

MECHANICAL
2nd FLOOR

SHEET NUMBER

M-501

NATIONAL MUSEUM OF PAPER, BOOK ARTS & CULTURE - ARCHIVE BUILDING



2nd FLOOR VENTILATION PLAN

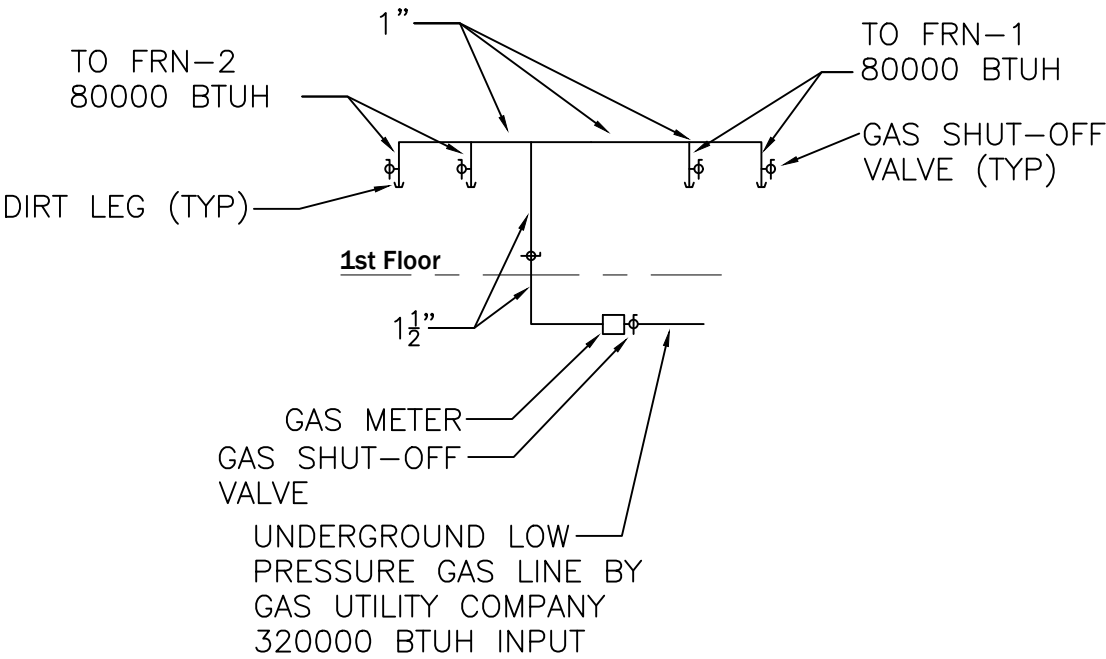
SCALE: 3/16"=1'-0"

VENTILATION SCHEDULE											HEATING DATA				
ROOM NO.	ROOM DESCRIPTION	FLOOR AREA (SQ.FT.)	CODE REQUIRED		ACTUAL		CODE REQUIRED		ACTUAL		REMARKS (supp./exh.)	BASIS OF HEAT LOSS CALCULATION	ACTUAL BTU HEAT LOSS	ORD. REQ. SUPPLY CFM @175 F	ACTUAL SUPPLY CFM @175 F
			AREA GLASS	AREA VENT	AREA GLASS	AREA VENT	CFM SUPPLY	CFM EXH.	CFM SUPPLY	CFM EXH.					
1	1st FL. INACTIVE STORAGE	2980	—	—	—	—	N.R.	N.R.	3000	—	FRN-1/-	ASHRAE	80,125	650	3000
2	TOILET	60	—	—	—	—	N.R.	144	N.R.	150	N.R./EF-1	ASHRAE	N.R.	—	—
3	MECH. ROOM	226	—	—	—	—	N.R.	N.R.	N.R.	N.R.	-/-	ASHRAE	N.R.	—	—
4	EAST VESTIBULE	90	—	—	—	—	N.R.	N.R.	N.R.	—	UH-1/-	ASHRAE	N.R.	—	—
5	STORAGE	225	—	—	—	—	N.R.	N.R.	200	—	FRN-1/-	ASHRAE	N.R.	—	200
6	NORTH VESTIBULE	62	—	—	—	—	N.R.	N.R.	N.R.	—	UH-1/-	ASHRAE	N.R.	—	—
7	2nd FL. INACTIVE STORAGE	2562	—	—	—	—	N.R.	N.R.	3200	—	FRN-2/-	ASHRAE	108,400	956	3200
TOTAL													188,525	1,606	7,800

NOTES
PROVIDE UNITS WITH THERMOSTATS, HUMIDIFIERS, DEHUMIDIFIERS & HUMIDSTAT.
UNITS MUST BE PIPED WITH LOW PRESSURE NATURAL GAS & PIPED IN ACCORDANCE WITH A.G.A. REQUIREMENTS.
PROVIDE SMOKE & CARBON MONOXIDE DETECTORS & LOCATE AS PER CODE.
TOILET EXH. - FAN SCHEDULE
TE-1, GREENHECK, MODEL SP-B150-QD, 92-160CFM OR EQUAL
ELECTRIC HEATER SCHEDULE
UH-1, INTERTEK 3400 SERIES ELECTRIC UNIT HEATER, MODEL F3482A1, 600CFM OR EQUAL, SERVING MECHANICAL ROOM, NORTH VESTIBULE AND EAST VESTIBULE.
DEHUMIDIFIER SCHEDULE
DH-1, HONEYWELL DR120A3000 SERIES, 120 PT, REFRIGERANT: R410A, 120V/ 60Hz, OR EQUAL
HUMIDIFIER SCHEDULE
HU-1, GENERALAIRE DS25 STEAM HUMIDIFIER, 230VAC/ PH1/ 60Hz OR EQUAL

HEATING EQUIPMENT SCHEDULE		
TAG	FRN-1 & 2	
MANUFACTURER	NAPOLEON	NAPOLEON TWO STAGE, VARIABLE SPEED, CONDENSING GAS FURNACE WITH ECM MOTOR
MODEL NO.	WUV0100T4BA-N	
FUEL	GAS	
HEATING INPUT	80000	
HEATING CAPACITY	77600	
EFFICENCY	97%	
MOTOR SIZE	3/4 HP	
PHYSICAL DIMENSIONS (in.)	22 1/2 X 31 X 32 1/2	
FILTER	FIBERGLASS	

COOLING EQUIPMENT SCHEDULE		
TAG	AC-1	
MANUFACTURER	BOSCH	BOSCH INVERTER HEAT PUMP CONDENSING UNIT WITH MODULATING 3 TO 5 TON; BOSCH INDOOR EVAPORATIVE COIL WITH TXV
MODEL NO.	BOVA-60HDN1-M18M BMAC C4248 CNTF	BOSCH INVERTER HEAT PUMP CONDENSING UNIT WITH MODULATING 3 TO 5 TON; BOSCH INDOOR EVAPORATIVE COIL WITH TXV
COMPRESSOR	MITSUBISHI	MITSUBISHI DC VARIABLE SPEED ROTARY
REFRIGERANT	R-410a	
POWER SUPPLY	208/230V 1Ph, 60Hz	
EFFICENCY	18 SEER	
LINSET	3/4 X 3/4	
CONDENSER MOTOR HP	1/2 HP	
CONDENSER MOTOR SPEEDS	VARIABLE	



SCHEDULE 40 LOW PRESSURE NATURAL GAS PIPING DIAGRAM

EXIT SIGN
FACE SCHEDULE

SINGLE FACE

#2 STAIRS

#3 EXIT

#5 STAIRS

#6 EXIT

#8 STAIRS

#9 EXIT

#11 STAIRS

#12 EXIT

DOUBLE FACE

#17 STAIRS

#18 EXIT

#20 STAIRS

#21 EXIT

#23 STAIRS

#24 EXIT

NOTES:

- EXIT SIGNS SHALL BE LED TYPE CONNECTED TO UNSWITCHED CIRCUITS.
- EMERGENCY LIGHTS TO BE UL LISTED WITH METAL HEADS
- ALL EMERGENCY WIRING TO BE IN SEPARATE RACEWAY SYSTEM
- MAXIMUM NUMBER OF CONNECTIONS PER CIRCUIT TO BE FIFTEEN (15).
- CHICAGO EMERGENCY CODE NUMBER AS SHOWN ON PLAN.

CITY OF CHICAGO 2018
ELECTRICAL CODE SHALL APPLY
TO THIS PROJECT.

ELECTRICAL NOTES

- ALL ELECTRICAL WORK SHALL MEET ALL APPLICABLE CODES AND REGULATIONS.
- ALL LIGHT SWITCHES TO BE MOUNTED @ 48" A.F.F.
- ALL THERMOSTATS TO BE LOCATED AT 48" A.F.F.
- ALL SWITCHES, OUTLETS, CABLE TV JACKS, AND TELEPHONE WALL JACK COLORS TO BE VERIFIED AND COORDINATED WITH OWNER PRIOR TO PURCHASE AND INSTALLATION UNLESS OTHERWISE NOTED.
- CONTRACTOR TO PROVIDE ALL NECESSARY POWER TO MECHANICAL EQUIPMENT AS REQUIRED.
- ALL WALL OUTLETS TO BE MOUNTED AT 18" A.F.F. UNLESS OTHERWISE NOTED.
- ALL SWITCHES TO BE "LEVITON" DECORA SERIES, SLIDE TYPE DIMMERS ALSO BY "LEVITON" DECORA SERIES IF APPLICABLE.
- ELECTRICAL CONTRACTOR SHALL PROVIDE ALL RECESSED LIGHT FIXTURES. COORDINATE BRAND NAME, BAFFLE DESIGN AND COLOR, AND DIRECTIONAL STYLE WITH OWNER PRIOR TO PURCHASE.
- ALL RECESSED LIGHT FIXTURES TO BE RATED AS "DIRECT CONTACT WITH INSULATED CEILING" MATERIALS (DC-IC). CONTRACTOR RESPONSIBLE FOR ABOVE RATED LIGHTS AT ALL LOCATIONS IN CONTACT WITH INSULATION.
- ALL OUTLETS IN TOILET, KITCHEN & WET LOCATION SHALL BE G.F.C.I. TYPE RECEPTACLES.
- ALL APPLIANCE AND EQUIPMENT SHALL BE CONNECTED AS PER LOCAL CODE.
- ALL WIRING FOR POWER, LIGHTING, TELEPHONE & TV SYSTEM TO BE IN METALLIC CONDUIT.
- CONDUIT SHALL BE EMT OR RIGID CONDUIT AS PER CODE.
- ALL WIRING SHALL BE COPPER AND COLOR CODED THW, THWN, OR THNN.

ELECTRICAL LEGEND

	LED LIGHTING FIXTURES		TELEVISION OUTLET IN WALL
	LED LIGHTING FIXTURES		AUDIO / VISUAL OUTLET IN WALL
	SHADED LIGHTING FIXTURES DENOTE EMERGENCY/NIGHT LIGHTING		SPEAKER RECESSED IN CEILING
	EXTERIOR LUMINAIRE (WALL/COLUMN MOUNTED)		DOOR CONTACT IN DOOR FRAME
	WALL LIGHT FIXTURE		DOOR STRIKE IN DOOR FRAME
	CEILING / SURFACE MOUNTED LIGHT FIXTURE		ELECTRIC DOOR POWER CONNECTION IN DOOR FRAME
	EXIT LIGHT (WALL, CEILING, COLUMN MOUNTED)		PUSH BUTTON FOR DOOR RELEASE
	EMERGENCY LIGHT WITH BATTERY PACK UNIT (WALL/COLUMN MOUNTED)		PANIC STATION, MOUNTED AT COUNTER / DESK
	JUNCTION BOX		
	SINGLE POLE WALL SWITCH. +44" A.F.F. IN WALL "o" INDICATES SWITCHING CONTROL. "3W"—THREE WAY, "4W"—FOUR WAY, "D"—INCANDESCENT DIMMER SWITCH.		MECHANICAL EQUIPMENT TAG
	DUPLEX RECEPTACLE 20A, 125V, 2P, 3W (NEMA 5-20R). 18" A.F.F. IN WALL OR AS NOTED		EXHAUST FAN INTERLOCKED W/. LIGHT SWICHT.
	DUPLEX RECEPTACLE - 20A, 125V, 2P, 3W (NEMA 5-20R) 6" IN WALL ABOVE COUNTER OR AS NOTED		CIRCUIT BREAKER "____" A" INDICATES TRIP RATING/SETTING (AMPS)
	QUADRAPLEX RECEPTACLE 20A, 125V, 2P, 3W (NEMA 5-20R). 18" A.F.F. IN WALL OR AS NOTED		GROUND CONNECTION
	FLUSH MOUNTED DUPLEX RECEPTACLE 20A, 125V, 2P, 3W (NEMA 5-20R)		CONDUIT STUB-UP IN THE ACCESSIBLE CEILING. MINIMUM 3/4"C
	TELECOMMUNICATIONS OUTLET - "W"—WALL PHONE, "P"—PUBLIC PHONE, "D"—ABOVE DESK HEIGHT OUTLET.		FLEXIBLE CONDUIT
	BRANCH CIRCUIT PANELBOARD		MOTOR CONNECTION
	FIRE ALARM CONTROL PANEL		DISCONNECT SWITCH
	FIRE ALARM ANNUNCIATOR		ELECTRIC SERVICE METER
	MANUAL PULL STATION 44" ABOVE FLOOR		CONDUIT HOMERUN
	AUDIBLE DEVICE WITH VISUAL ALARM LIGHT 80" ABOVE FLOOR OR 6" BELOW CEILING, WHICHEVER IS LOWER		PHASE NEUTRAL GROUND
	VISUAL ALARM LIGHT 80" ABOVE FLOOR OR 6" BELOW CEILING, WHICHEVER IS LOWER		HAND DRYER
	PRE-SIGNAL CHIME, 80" ABOVE FLOOR		WEATHERPROOF
	SMOKE DETECTOR, INTERCONNECTED, HARD WIRED, 120V WITH BATTERY BACK UP		GROUND FAULT INTERRUPTER
	COMBINATION SMOKE AND CARBON MONOXIDE DETECTOR, INTERCONNECTED, HARD WIRED, 120V WITH BATTERY BACK UP		ARC FAULT INTERRUPTER

- ALL SD WITHIN THE DWELLING UNIT SHALL BE INTERCONNECTED FOR COMMON ALARM SIGNAL. PROVIDE SMOKE DETECTORS MINIMUM 1 PER LEVEL (WITHIN 15'-0" OR AS APPROVED BY LOCAL AUTHORITIES) ON TOP OF STAIRWAYS.
- SMOKE DETECTORS TO BE HARDWIRED AS PER LOCAL CODE, WITH BUILT-IN BATTERY BACK-UP. FOR LOCATION OF SMOKE DETECTORS SEE ARCHITECTURAL DRAWINGS.
- ELECTRICAL CONTRACTOR TO NOTIFY OWNER/ARCHITECT OF ANY DISCREPANCIES BETWEEN OWNER SUPPLIED ITEMS AND CODE REQUIREMENTS.
- ALL CONDUIT AND WIRE PENETRATIONS SHALL HAVE PROTECTION OF FLOORS OR ROOFS EQUAL TO THE SYSTEM BEING PENETRATED.
- COORDINATE WITH FRAMING PLAN LOCATION OF WALL CONDITIONS SUCH AS MEDICINE CABINETS, ETC. PRIOR TO RUNNING CONDUIT.
- CONTRACTOR TO COORDINATE MANUFACTURE STYLE AND OUTPUT OF ALL EXHAUST FANS WITH OWNER/ARCHITECT PRIOR TO BID.
- CONTRACTOR TO VERIFY REQUIREMENTS FOR ANY LOW VOLTAGE FIXTURES AND EQUIPMENT AND COORDINATE W/OWNER LOCATION OF TRANSFORMERS.
- CONTRACTOR TO PROVIDE "EXPENDABLE FIRE STOP PUTTY" AT ALL THROUGH PLATE PENETRATIONS TO PROVIDE A 2-HR FIRE PROTECTION RATING.
- ELECTRICAL CONTRACTOR TO OBTAIN AND PAY FOR ALL ELECTRICAL PERMITS.
- PROVIDE NEW EMERGENCY LIGHTING SYSTEM INCLUDING FIXTURES, WIRING, CONDUITS, LAMPS, EXIT LIGHTS, EMERGENCY LIGHT UNITS.
- PROVIDE CUTTING AND PATCHING FOR THE INSTALLATION OF WORK.
- ALL WORK SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR.

DEMOLITION NOTES

- CONTRACTOR SHALL REFER TO THE ARCHITECTURAL DRAWINGS TO FAMILIARIZE HIMSELF WITH EXTENT OF REMODELING / ALTERATION WORK AND MORE SPECIFICALLY TO NOTE WHERE NEW PARTITIONING IS BEING INSTALLED, WHERE EXISTING PARTITIONING IS BEING REMOVED AND WHERE CEILINGS ARE BEING REMOVED AND/OR REPLACED, ETC.
- RACEWAY, CONDUCTORS, BOXES, AND SUPPORTING DEVICES SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE SITE AND DISPOSED OF BY THE CONTRACTOR.
- CONTRACTOR SHALL TOUR DEMOLITION AREAS WITH THE OWNER TO DETERMINE THE STATUS OF EQUIPMENT TO BE REMOVED DURING DEMOLITION. ALL EQUIPMENT THAT IS TO BE SALVAGED FOR REUSE BY THE OWNER SHALL BE REMOVED BY THE CONTRACTOR AND TRANSPORTED TO AN OWNER DESIGNATED STORAGE AREA ON THE SITE.
- CERTAIN EXISTING ELECTRICAL EQUIPMENT AND MATERIAL NOT INDICATED TO BE RETAINED AND/OR RELOCATED SHALL REMAIN THE PROPERTY OF THE OWNER AND SHALL BE STORED WHERE DIRECTED BY THE OWNER. EXISTING ELECTRICAL EQUIPMENT BEING REMOVED THAT THE OWNER DOES NOT WISH TO RETAIN SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE PREMISES.
- ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR HIS OWN DEMOLITION, REMOVAL, CAPPING, STORING, ABANDONING, DISCONNECTING, RELOCATING AND RECONNECTING OF EXISTING ELECTRICAL EQUIPMENT AND MATERIAL. ALL CUTTING, PATCHING, REPAIRING, REPLACING AND REFINISHING OF EXISTING CONSTRUCTION AS REQUIRED TO ACCOMMODATE INSTALLATION OF NEW WORK OR DEMOLITION AND/OR REMOVAL OF EXISTING ELECTRICAL EQUIPMENT SHALL BE THE RESPONSIBILITY OF OTHERS. ALL PATCHING, REPAIRING, REPLACING AND REFINISHING SHALL MATCH THE EXISTING CONSTRUCTION AS NEARLY AS POSSIBLE.
- PROTECT ADJACENT MATERIALS INDICATED TO REMAIN. INSTALL AND MAINTAIN DUST AND NOISE BARRIERS TO KEEP DIRT, DUCT, AND NOISE FROM BEING TRANSMITTED TO ADJACENT AREAS. REMOVE PROTECTIVE AND BARRIERS AFTER DEMOLITION OPERATIONS ARE COMPLETE.
- EXCEPT WHERE OTHERWISE NOTED ON DRAWING TO BE RETAINED, RELOCATED OR HEREINAFTER NOTED, (SEE NOTE 9) ALL EXISTING ELECTRICAL EQUIPMENT AND MATERIAL IN AREAS TO BE REMODELED/ALTERED SHALL BE REMOVED AS FOLLOWS WHERE THEY SERVE NO FURTHER PURPOSE AND WHERE THEY INTERFERE WITH PROPOSED CONSTRUCTION AND/OR INTERFERE WITH PROPOSED USAGE OF SPACE BY OWNER.
 - REMOVE ANY CONDUITS PROTRUDING ABOVE FINISHED FLOOR AND CAP AND FINISH OVER WITH FLOOR MATERIAL TO MATCH EXISTING.
 - REMOVE ALL LIGHTING FIXTURES, RECEPTACLES, SWITCHES, ETC. AND ASSOCIATED WIRING.
 - REMOVE ALL SURFACE MOUNTED CONDUIT, BOXES AND THEIR ASSOCIATED WIRING.
 - REMOVE ALL CONCEALED RACEWAYS, BOXES AND WIRING FROM PARTITIONS BEING DEMOLISHED.
 - REMOVE ALL EXISTING WIRING/CABLING FROM ALL CONCEALED RACEWAYS IN PARTITIONS THAT ARE TO REMAIN.
 - PROVIDE BLANK COVER PLATES FOR ALL EXISTING FLUSH MOUNTED BOXES IN EXISTING WALLS THAT ARE TO REMAIN. FINISH OF PLATES SHALL MATCH THOSE SPECIFIED FOR NEW SWITCHES AND RECEPTACLES.
- CONTRACTOR SHALL REMOVE THE RECEPTACLES AND ASSOCIATED WIRING TO THE SOURCE PANEL. IN CASE OF EXISTING WALLS THAT WILL NOT BE DEMOLISHED THE ASSOCIATED CONDUITS SHALL STAY AND BE CUT AND CAPPED 6" ABOVE CEILING. WHERE THE REMOVED RECEPTACLE AND LIGHTING FIXTURE CIRCUITS FEEDING THE OTHER RECEPTACLES AND LIGHTING FIXTURES CONTRACTOR SHALL MAKE SURE THE POWER IS NOT DISCONNECTED TO THE OTHER RECEPTACLESX AND LIGHTING FIXTURES.
- ALL LOW VOLTAGE TELE/DATA CABLING TO BE REMOVED SHALL BE REMOVED ALL THE WAY TO TELE/DATA ROOM AND REMOVED OFF THE BLOCKS

GENERAL NOTES - FOR ALL DRAWINGS

- SEE THE ELECTRICAL DEMOLITION NOTES ON THIS DRAWING.
- THE CONTRACTOR SHALL VERIFY THE EXACT CIRCUITS TO UTILIZE AT THE SITE.
- SEE ARCHITECTURAL DRAWINGS AND ELEVATIONS FOR EXACT MOUNTING HEIGHTS AND LOCATIONS OF ALL ELECTRICAL DEVICES, PRIOR TO ROUGH-IN.
- PROVIDE A SEPARATE GROUND WIRE, RUN WITH ALL NEW CIRCUITS. THE GROUND WIRE CAN BE SHARED FOR MULTIPLE CIRCUITS.
- ALL CIRCUITS SHALL BE RUN WITH DEDICATED NEUTRALS. SHARED NEUTRALS ARE NOT ALLOWED. THE NEUTRAL IS CONSIDERED A CURRENT CARRYING CONDUCTOR AND THE MAXIMUM NUMBER OF CURRENT CARRYING CONDUCTORS ALLOWED IN A RACEWAY IS EIGHT (8).
- ALL 120V HOMERUNS OVER 75 FEET SHALL BE RUN WITH A MINIMUM OF #10 WIRE AND ALL 120V HOMERUNS OVER 100 FEET SHALL BE RUN WITH A MINIMUM OF #8 WIRE.
- ALL EXIT SIGN LIGHTING AND EMERGENCY LIGHTING CIRCUITS SHALL BE RUN IN A DEDICATED RACEWAY SYSTEM.
- ALL NEW SURFACE MOUNTED RACEWAYS IN FINISHED AREAS SHALL BE WIREMOLD V500 OR V700 SERIES OR EQUIVALENT.
- SURFACE WALL MOUNT ALL EXIT SIGNS, WHEREVER POSSIBLE. COORDINATE FINAL MOUNTING LOCATION WITH OWNER PRIOR TO ROUGH IN



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Email: lmart0601@sbcbglobal.net

LICENSURE SEAL AND SIGNATURE
LUIS A. MARTINEZ ILLINOIS LIC.#001-014535

DATE: NOV/2021
DESIGN BY: LAM PROJECT MANAGER: DRH
DRAWN BY: DRH PROJECT NUMBER:

NO.	REVISION/ISSUANCE	DATE
1	REVISED PER OWNER REVIEW	11-10-2021
2	REVISED PER OWNER REVIEW	11-16-2021
3	APPROVED PER OWNER REVIEW	11-17-2021
4	CONSTRUCTION DOCUMENTS 25%	02/18/2022
5	CONSTRUCTION DOCUMENTS 50%	03/10/2022
6	CONSTRUCTION DOCUMENTS 75%	03/16/2022
7	CONSTRUCTION DOCUMENTS 100%	03/29/2022
8	CODE COMPLIANCE MATRIX SHT. CS1.1	09/16/2022
9	2nd FL EMERGENCY EXIT SYSTEM	09/16/2022

PROJECT ADDRESS

NMPRAC
3015 W. DIVISION STREET

CHICAGO

ILLINOIS

SHEET TITLE

ELECTRICAL
SYMBOLS &
NOTES

SHEET NUMBER

E-600

NATIONAL MUSEUM OF PUERTO RICAN ARTS & CULTURE - ARCHIVE BUILDING

CITY OF CHICAGO 2018
ELECTRICAL CODE SHALL APPLY
TO THIS PROJECT.

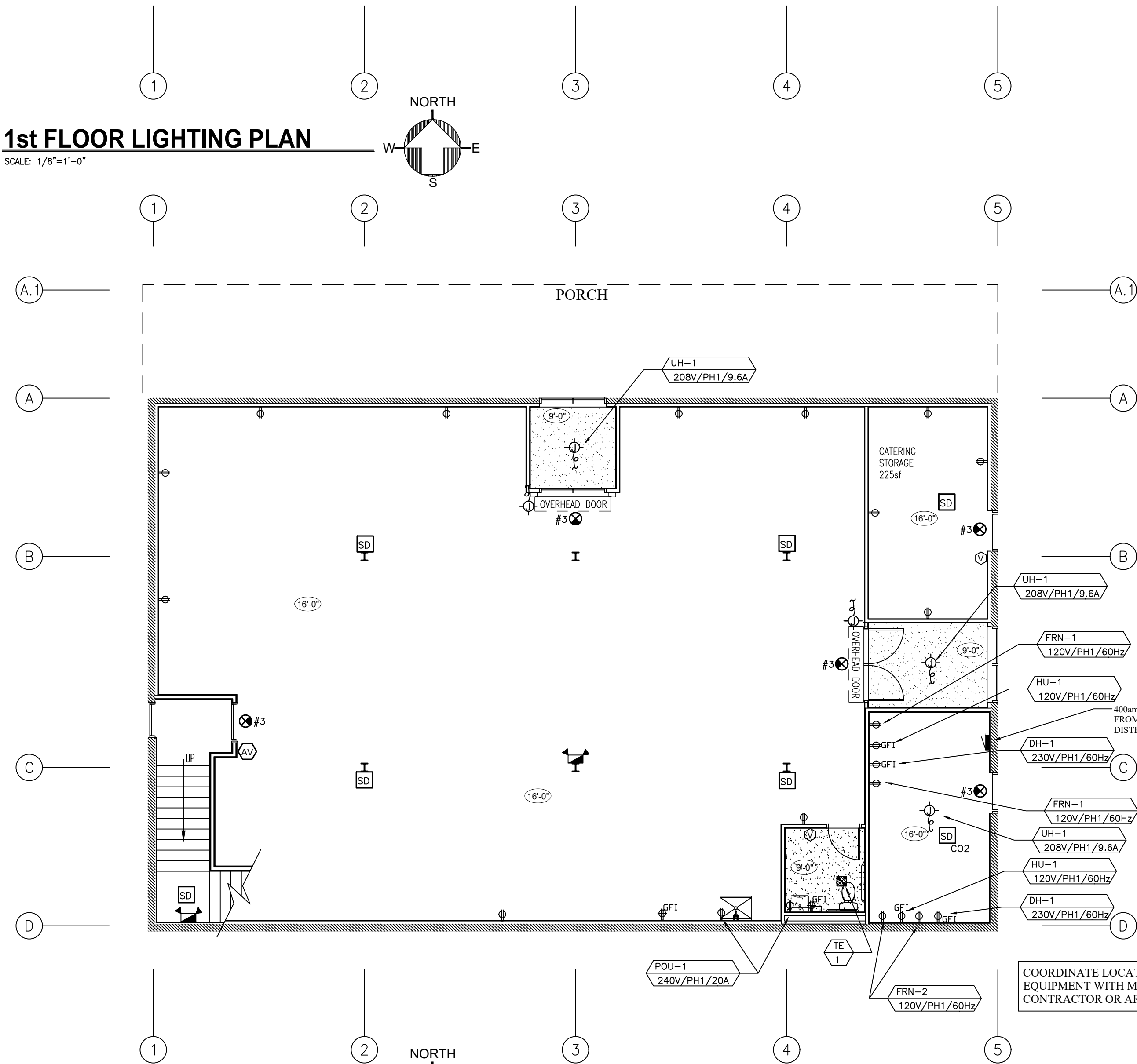
GENERAL NOTES

1. REFER TO SPECIFICATIONS ON SHEET A-600
2. REFER TO ELECTRICAL SYMBOLS ON SHEET A-600
3. REFER TO LEGEND ON SHEET A-600
4. REFER TO LIGHTING FIXTURE SCHEDULE FOR ALL FIXTURE TYPES
5. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR COORDINATING FIRE ALARM INSTALLATION WITH FIRE ALARM CONTRACTOR.
6. FIRE ALARM DEVICES ARE SHOWN FOR REFERENCE ONLY. FIRE ALARM PERMIT SHALL BE BY INSTALLING FIRE ALARM CONTRACTOR. COORDINATE EXACT LOCATION AND INSTALLATION OF DEVICES WITH FIRE ALARM SHOP DRAWINGS (BY OTHERS).
7. PROVIDE FIRE ALARM ACCESSORIES AND HARDWARE AS REQUIRED FOR SYSTEM CONNECTION.
8. COORDINATE EXACT LOCATION OF ALL FIRE ALARM DEVICES WITH ARCHITECTURAL PLANS AND FINISHES.
9. ALL VISUAL NOTIFICATION DEVICES SHALL BE SYNCHRONIZED
10. FIRE ALARM CONTRACTOR SHALL BE RESPONSIBLE FOR CREATING AND SUBMITTING PERMIT DRAWINGS. FIRE ALARM CONTRACTOR IS RESPONSIBLE FOR ALL CALCULATIONS NECESSARY TO ENSURE THAT THE SYSTEM IS CODE COMPLIANT, INCLUDING BUT NOT LIMITED TO AUDIBILITY, INTELLIGIBILITY, VISIBILITY, VOLTAGE DROP AND BATTERY CALCULATIONS.

LIGHT FIXTURE LEGEND			
TAG	SYMBOL	DESCRIPTION	MANUFACTURER / BASIS OF DESIGN
F1		DIRECT HUNG LINEAR DIFFUSE PENDANT	AXIS LIGHTING BEAM 2 BDL-ED - B3 - MF - 750 - 80 - 35 - S0-6-W-UV-D-1-CT9 OR EQUAL
F2		2X4 LED PENDANT	LITHONIA LIGHTING, I-BEAM IBE HIGH BAY LED, 48", 18000 LUMENS, 4000K DIMMABLE PENDANT
F3		17IN - WAREHOUSE / BARN SHADE LIGHTING	MILLENNIUM LIGHTING 17IN WAREHOUSE SHADE STEM HUNG LIGHTING. BARN SHADE (RWHS17-SR), 24IN STEM (RS2-SR, WIRE GUARD (RWG17-SR); CANOPY KIT (RSCX-SR)
F4		17IN - GOOSENECK LIGHTING	MILLENNIUM LIGHTING 17IN GOOSENECK LIGHTING (RGN22-SR), BARN SHADE (RWHS17-SR), WIRE GUARD (RWG17-SR)

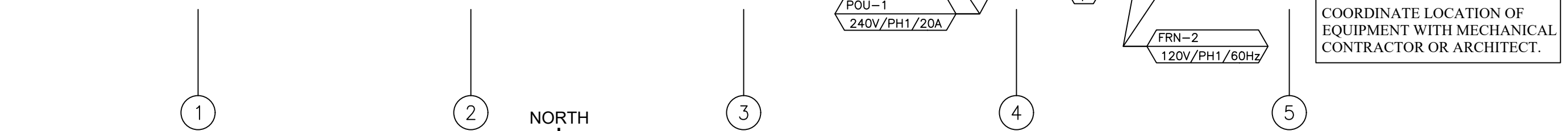
1st FLOOR LIGHTING PLAN

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



1st FLOOR POWER PLAN

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



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9	2nd FL EMERGENCY EXIT SYSTEM	09/16/2022

PROJECT ADDRESS

NMPRAC
3015 W. DIVISION STREET

CHICAGO ILLINOIS

SHEET TITLE
1st FL-POWER
& LIGHTING
PLAN

SHEET NUMBER

E-601

NATIONAL MUSEUM OF FORTO ROMAN ARTS & CULTURE - ARCHIVE BUILDING

CITY OF CHICAGO 2018
ELECTRICAL CODE SHALL APPLY
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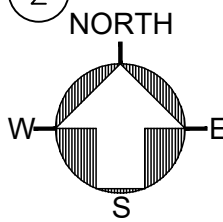
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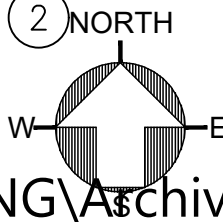
2nd FLOOR LIGHTING PLAN

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



2nd FLOOR POWER PLAN

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



LUIS A. MARTINEZ
LAM
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NMPRAC
3015 W. DIVISION STREET

CHICAGO ILLINOIS

SHEET TITLE
**2nd FL-POWER
& LIGHTING
PLAN**

SHEET NUMBER

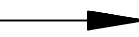









E-602

NATIONAL MUSEUM OF PUEERTO RICAN ARTS & CULTURE - ARCHIVE BUILDING

PLUMBING ABBREVIATIONS

F.C.O.	FLOOR CLEAN OUT
W.C.O.	WALL CLEAN OUT
C.O.	CLEAN OUT
DWT	DOMESTIC WATER TANK
RP	RECIRCULATION PUMP
DXT	DOMESTIC EXPANSION TANK
UH	UNIT HEATER
WH	WATER HEATER
B	CONDENSING BOILER
BP	BOOSTER PUMP
HX	HEAT EXCHANGER
PRV	PRESSURE REDUCING VALVES
RPZ	REDUCED PRESSURE ZONE































PLUMBING SYMBOLS AND SYSTEMS

	WATER FLOW DIRECTION
	DOMESTIC WATER SUPPLY
	DOMESTIC HOT WATER SUPPLY
	DOMESTIC HOT WATER RETURN
	STORM DRAINAGE
	STORM DRAINAGE OVERFLOW
	SANITARY DRAINAGE
	VENT
	GARAGE WASTE
	NATURAL GAS

GENERAL NOTES

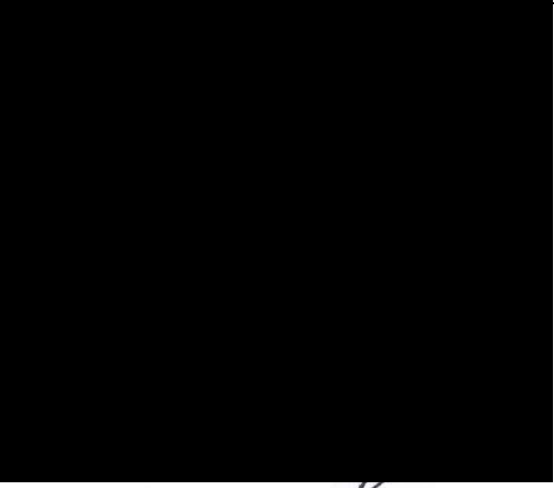
1. CONTRACTOR SHALL EXAMINE ALL DRAWINGS AND VISIT THE SITE TO DETERMINE THE FULL EXTENT OF THE WORK AND FACILITY LOCATIONS. CONTRACTOR SHALL VERIFY THE REQUIREMENTS OF LOCAL GOVERNING BODIES. THE SUBMISSION OF A BID SHALL BE CONSTRUCTED AS CONCLUSIVE EVIDENCE THAT THE BIDDER HAS COMPLIED WITH THE ABOVE.
2. CONTRACTOR TO VERIFY FINAL TYPE, MODEL, AND QUANTITY OF ALL PLUMBING EQUIPMENT PRIOR TO BID.
3. WORK SCHEDULE WILL BE COORDINATED WITH OWNER AND FACILITY REPRESENTATIVES PRIOR TO COMMENCEMENT.
4. NEW WORK AND MATERIAL SHALL CONFORM TO CHICAGO BUILDING CODES.
5. THE INTENT OF THE DRAWINGS IS TO FURNISH THE OWNER A PLUMBING INSTALLATION READY FOR USE AND COMPLETE IN EVERY ASPECT.
6. CONTRACTOR SHALL PROVIDE AND INSTALL ALL PLUMBING FIXTURES AND EQUIPMENT AS NOTED. REFER TO SPECIFICATION FOR APPROVED FIXTURES. CONTRACTOR SHALL RECEIVE, STORE, AND INSTALL OWNER FURNISHED FIXTURES.
7. SEE ARCHITECTURAL PLANS FOR FINAL LOCATIONS OF PLUMBING FIXTURES.
8. FURNISH AND INSTALL A COMPLETE AND OPERABLE SYSTEM OF DOMESTIC HOT AND COLD WATER TO EACH AND EVERY PLUMBING FIXTURE, APPLIANCE AND OUTLET WITH THE FINAL CONNECTIONS THERETO. CONNECTIONS TO WATER SERVICES, PIPE FITTINGS, VALVES, WATER HAMMER ARRESTORS, INSULATION, DI-ELECTRIC UNIONS, HANGERS, AND SUPPORT MEMBERS SHALL BE PROVIDED.
9. FURNISH AND INSTALL A COMPLETE AND OPERABLE SANITARY, WASTE, AND VENT SYSTEMS INCLUDING CONNECTIONS TO EACH AND EVERY PLUMBING FIXTURE, APPLIANCE, DRAIN, AND OUTLET WITH FINAL CONNECTIONS THERETO AS WELL AS CONNECTIONS TO THE SOIL, WASTE, AND VENT STACKS.
10. FURNISH AND INSTALL ALL PLUMBING FIXTURES, COMPLETE WITH DRAINS, STRAINERS, TRAPS, WRAP KITS, SUPPLIES, STOPS, THERMOSTATIC MIXING VALVE, HANGERS, CARRIERS AND OTHER RELATED ITEMS HEREINAFTER SPECIFIED.
11. CONTRACTOR TO BALANCE HOT WATER RECIRCULATION SYSTEM TO ENSURE THAT HOT WATER IS AVAILABLE AT EACH FIXTURE WITHIN 5 SECONDS OF OPERATION.
12. ALL PIPING SHALL BE SUSPENDED FROM STRUCTURAL MEMBERS OF THE BUILDING, OR AS APPROVED BY THE ARCHITECT AND THE OWNER'S REPRESENTATIVE. FOR PIPES 1 INCH IN DIAMETER OR LESS, UTILIZE EITHER SOLID OR SPLIT RING TYPE HANGERS. FOR LARGER PIPES, UTILIZE A STANDARD WEIGHT CLEVIS TYPE HANGER. ALL HANGERS SHALL BE A MAXIMUM OF 8'-0" ON CENTER.
13. PROVIDE POLISHED CHROME PLATED ESCUTCHEONS WHERE PIPES PASS THROUGH WALLS AT FIXTURES. WHERE OTHER EXPOSED PIPES PASS THROUGH WALLS, FLOORS, CEILINGS, AND PARTITIONS, PROVIDE POLISHED DULL CHROME PLATED CAST BRASS SET SCREW FLANGES.
14. ALL CUTTING AND PATCHING FOR PLUMBING TRADES WORK SHALL BE BY THE PLUMBING CONTRACTOR OR BY OTHERS AS DIRECTED BY THE GENERAL CONTRACTOR.
15. CONTRACTOR SHALL GUARANTEE ALL WORK, MATERIAL, EQUIPMENT, ETC., FURNISHED BY HIM FOR A PERIOD OF ONE (1) YEAR AFTER FINAL ACCEPTANCE AND TRANSFER OF THE BUILDING.
16. ALL FIXTURES SHALL HAVE NEW SHUT-OFF VALVES INSTALLED.
17. THE CONTRACTOR SHALL INSULATE PIPES IN ALL REMOVABLE AND OPEN SINK COUNTERS.
18. THE CONTRACTOR SHALL KEEP THE SITE AND AREAS UNDER CONSTRUCTION IN AN ORDERLY CONDITION AT ALL TIMES AND FREE OF ANY ACCUMULATION OF RUBBISH, DEBRIS, AND WASTE. CARE SHOULD BE TAKEN WHEN WORKING AROUND FINISHED SURFACES AND INSTALLATIONS. ALL EFFORTS SHALL BE MADE TO ENSURE CONSTRUCTION ACTIVITIES DO NOT EXPOSE AIR CONDITIONING SYSTEMS OR OCCUPIED SPACES TO ANY CONSTRUCTION DUST, DEBRIS, AND/OR CHEMICAL ODORS. CONTRACTOR SHALL SEAL ALL PLENUMS, TRANSFER GRILLES, AND OPENINGS AROUND WORK AREAS TO ACHIEVE THIS. IF THE CONTRACTOR FAILS TO CONTAIN CONSTRUCTION DUST, THE CONTRACTOR WILL BE RESPONSIBLE FOR ROUTINE CLEAN-UP OF MERCHANDISE AND FIXTURES. CONTRACTOR WOULD ALSO BE RESPONSIBLE FOR ROUTINE FILTER CHANGES DURING CONSTRUCTION.
19. CONTRACTOR SHALL RECORD THE LOCATIONS AND TAG ALL OF THE VALVES THAT ARE TO BE INSTALLED. THE CONTRACTOR SHALL PROVIDE RECORD DRAWINGS INDICATING INSTALLED LOCATIONS AS WELL AS A SCHEDULE INDICATING THE VALVE SIZE AND MANUFACTURER.

DOMESTIC WATER PIPING COMPONENTS

	FLOW SWITCH
	CAPPED PIPE
	PIPE CLEANOUT
	PIPE CONTINUATION
	DIELECTRIC UNION
	PIPE UNION
	3-WAY VALVE
	3-WAY BYPASS VALVE
	3-WAY MOTORIZED CONTROL VALVE
	3-WAY CONTROL VALVE
	AUTOMATIC FLOW CONTROL VALVE
	DOUBLE CHECK VALVE BACKFLOW PREVENTER
	BALANCING VALVE
	BALL VALVE
	BUTTERFLY VALVE
	BUTTERFLY VALVE W/ TAMPER SWITCH
	CHECK VALVE
	CONTROL VALVE
	DIFFERENTIAL PRESSURE CONTROL VALVE
	FLOAT OPERATED VALVE
	FOOT OPERATED VALVE
	GATE VALVE
	GLOBE VALVE
	MOTORIZED SHUT-OFF VALVE
	PRESSURE INDEPENDENT VALVE
	PRESSURE REGULATING VALVE
	PURGE VALVE
	RELIEF/SAFETY VALVE
	SOLENOID VALVE
	MANUAL BALANCING/SHUTOFF VALVE



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PROJECT ADDRESS	
NMPRAC 3015 W. DIVISION STREET	
CHICAGO	ILLINOIS

SHEET TITLE
PLUMBING GENERAL NOTES
SHEET NUMBER

P-700

NATIONAL MUSEUM OF PUERTO RICAN ARTS & CULTURE - ARCHIVE BUILDING



PLUMBING FIXTURE SCHEDULE			
TAG	DESCRIPTION	MANUFACTURER / MODEL NO.	REMARKS
WC	WATER CLOSET TOILET SEAT FLUSH VALVE	KOHLER - K-96057-B KOHLER K-4731-CA SLOAN #8111-1.28	PROVIDE KOHLER 'HIGHCLIFF' ULTRA, 1.6 gpf, ADA COMPLIANT ELONGATED FLOOR MOUNT TOILET BOWL WITH TOP SPUD. PROVIDE KOHLER K-4731-CA 'STRONGHOLD' QUIET-CLOSE ELONGATED OPEN FRONT HEAVY DUTY TOILET SEAT. PROVIDE SLOAN VALVE 'G2 OPTIMA PLUS' 1.28 gpf SENSOR FLUSH VALVE PLUMBING CONTRACTOR SHALL PROVIDE DRAIN WITH STRAINER, TRAP WRAP KIT, STOPS, AND THERMOSTATIC MIXING VALVE.
LAV	HAND SINK	KOHLER / K-2084	ADA COMPLIANT, VITREOUS CHINA, WALL-MOUNTED SINK. PROVIDE CHICAGO FAUCETS #350-E35V317KKABCP DECK MOUNT MANUAL SINK FAUCET (1.5 GPM) CONTRACTOR SHALL PROVIDE DRAIN WITH STRAINER, TRAP WRAP KIT, STOPS, AND THERMOSTATIC MIXING VALVE.
SINK	UTILITY SINK FAUCET	REGENCY #600S13624B REGENCY #600FW810LL	16 GAUGE STAINLESS STEEL ONE COMPARTMENT UTILITY SINK PROVIDE REGENCY WALL MOUNT MANUAL SINK FAUCET (10" SPOUT) CONTRACTOR SHALL PROVIDE DRAIN WITH STRAINER, TRAP WRAP KIT, STOPS, AND THERMOSTATIC MIXING VALVE.

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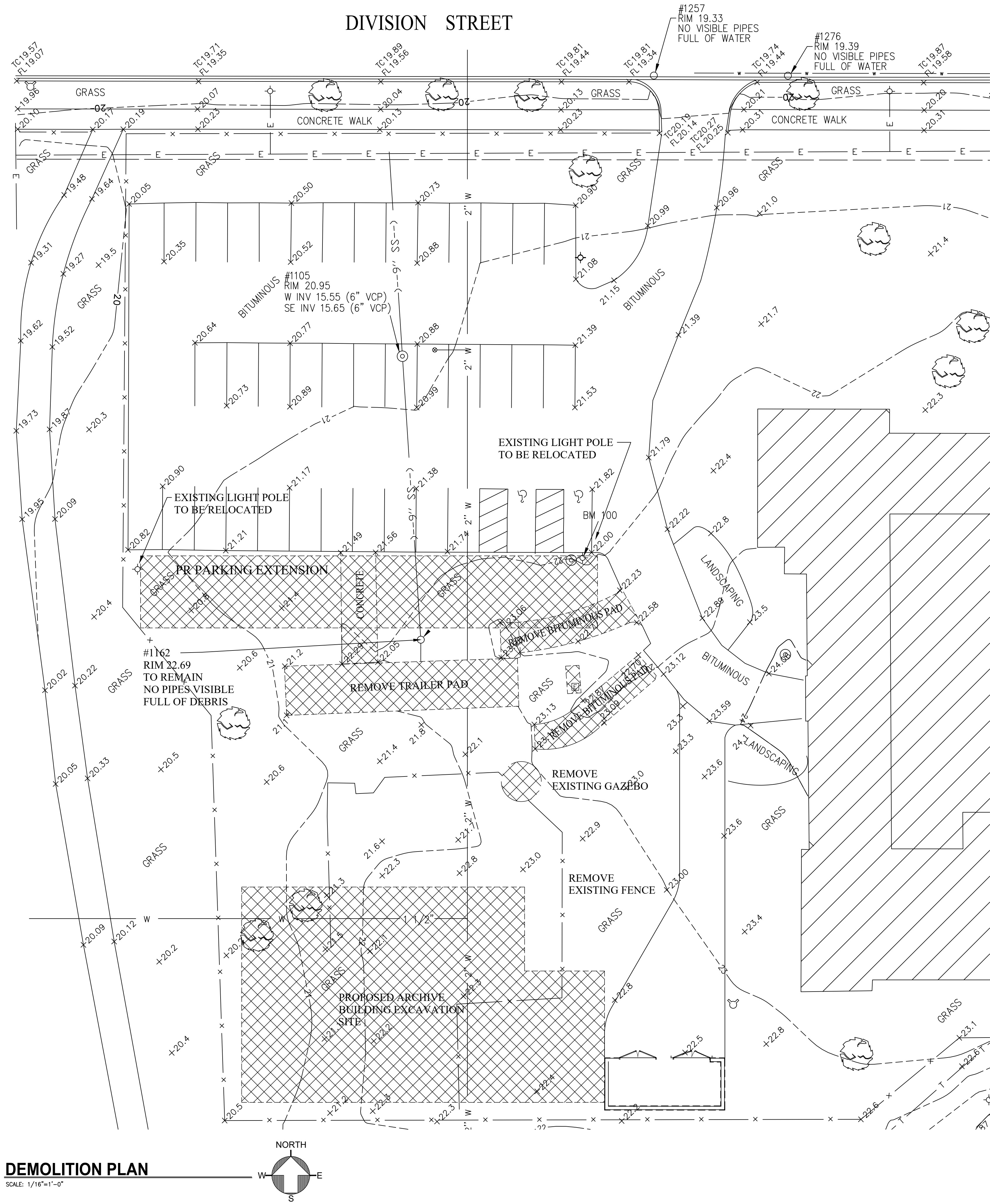
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NMPRAC
3015 W. DIVISION STREET

SHEET TITLE

**PLUMBING
RISER DIAGRAMS &
ENLARGE PLAN**

P-701



LEGEND

	FIRE HYDRANT		CHAINLINK FENCE
	CATCH BASIN		WOOD FENCE
	INLET		1' CONTOUR
	MANHOLE / VAULT		5' CONTOUR
	ELECTRIC VAULT		EXISTING GRADE SHOT
	TELEPHONE VAULT		SHRUB
	WATER VAULT		DECIDUOUS TREE
	HANDHOLE		ELECTRIC LINE - COMED
	TELEPHONE SPLICE BOX		OVERHEAD ELEC. LINE
	ELECTRIC SPLICE BOX		GAS LINE (W/ SIZE)
	CABLE TV SPLICE BOX		DEAD GAS LINE (W/ SIZE)
	GAS VALVE		ELECTRIC LINE - CITY
	SINGLE POLE SIGN		SEWER LINE (W/ DIRECTION AND SIZE)
	TRAFFIC SIGNAL		WATER LINE (WITH SIZE)
	GUY POLE		TELEPHONE
	POWER POLE		
	TELEPHONE POLE		
	LIGHT POLE		
	CONTROLLER CABINET		

NOTES

THE EXTANT OF DEMOLITION WORK IS INDICATED ON THE DRAWINGS AND SPECIFIES HEREIN AND INCLUDES, BUT IS NOT LIMITED TO:

1. REMOVAL OF ALL UTILITIES, PAVING, VEGETATION AND OTHER SITE FEATURES WHICH CONFLICT WITH THE CONSTRUCTION OF THE NEW FACILITIES, OR ARE DESIGNATED TO BE REMOVED.
2. CONDUCT DEMOLITION OPERATIONS AND REMOVAL OF DEBRIS AND SPOILS TO INSURE MINIMAL INTERFERENCE WITH FACILITY OPERATIONS
3. INSURE SAFE PASSAGE OF PERSONS AROUND AREAS OF DEMOLITION, REMOVE FROM SITE ALL DEBRIS, RUBBISH AND OTHER MATERIALS RESULTING FROM DEMOLITION AND LAWFULLY DISPOSE OF SAME.
4. NOTIFY OWNER 48 HOURS IN ADVANCE OF ANY UTILITY SHUTDOWN.
5. THE CONTRACTOR SHALL COORDINATE WITH THE OWNER/ARCHITECT ALL ITEMS DESIGNATED TO BE REMOVED OR RELOCATED
6. IF ANY ITEMS ARE ENCOUNTERED IN THE FILED THAT ARE NOT SHOWN ON THE PLAN WHICH REQUIRE DEMOLITION OR RELOCATION, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT IMMEDIATELY.
7. THE SURVEY BASE PROVIDED HEREIN IS FOR INFORMATIONAL PURPOSES ONLY. THE OWNER / ARCHITECT/ ENGINEER ARE NOT RESPONSIBLE FOR ANY MISCHARTED OR UNCHARTED UTILITIES OR OTHER ERRORS DETECTED. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY ALL SITE CONDITIONS.
8. THE CONTRACTOR WILL PROTECT ALL UTILITIES DESIGNATED TO REMAIN. ANY UTILITIES DAMAGED BY THE CONTRACTOR WILL BE REPLACED/REPAIRED AT THE CONTRACTOR'S EXPENSE.
9. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AFFECTING THEIR WORK WITH ACTUAL CONDITIONS AT HE JOB SITE. IF THERE ARE ANY DISCREPANCIES FROM WHAT IS SHOWN ON THE CONSTRUCTION PLAN, HE MUST IMMEDIATELY REPORT SAME TO THE ARCHITECT/ENGINEER BEFORE DOING ANY WORK. OTHERWISE THE CONTRACTOR ASSUMES FULL RESPONSIBILITIES. IN THE EVENT OF DISAGREEMENT BETWEEN THE CONSTRUCTION PLANS, STANDARD SPECIFICATIONS AND/OR SPECIAL DETAIL, THE CONTRACTOR SHALL SECURE WRITTEN INSTRUCTION FROM THE ARCHITECT/ENGINEER PRIOR TO PROCEEDING WITH ANY PART OF THE WORK AFFECTED BY OMISSIONS OR DISCREPANCIES. FAILING TO SECURE SUCH INSTRUCTION, THE CONTRACTOR WILL BE CONSIDERED TO HAVE PROCEEDED AT HIS OWN RISK AND EXPENSE. IN THE EVENT OF ANY DOUBT OR QUESTION ARISING WITH RESPECT TO THE TRUE MEANING OF THE CONSTRUCTION PLANS OR SPECIFICATIONS, THE DECISION OF THE ARCHITECT/ENGINEER SHALL BE FINAL AND CONCLUSIVE.



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LICENSURE SEAL AND SIGNATURE
LUIS A. MARTINEZ ILLINOIS LIC.#001-014535

DATE: NOV/2021
DESIGN BY: LAM PROJECT MANAGER: DRH
DRAWN BY: DRH PROJECT NUMBER:

NO.	REVISION/ISSUANCE	DATE
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8	CODE COMPLIANCE MATRIX SHT. CS1.1	09/16/2022
9	2nd FL EMERGENCY EXIT SYSTEM	09/16/2022

PROJECT ADDRESS

NMPRAC
3015 W. DIVISION STREET

CHICAGO ILLINOIS

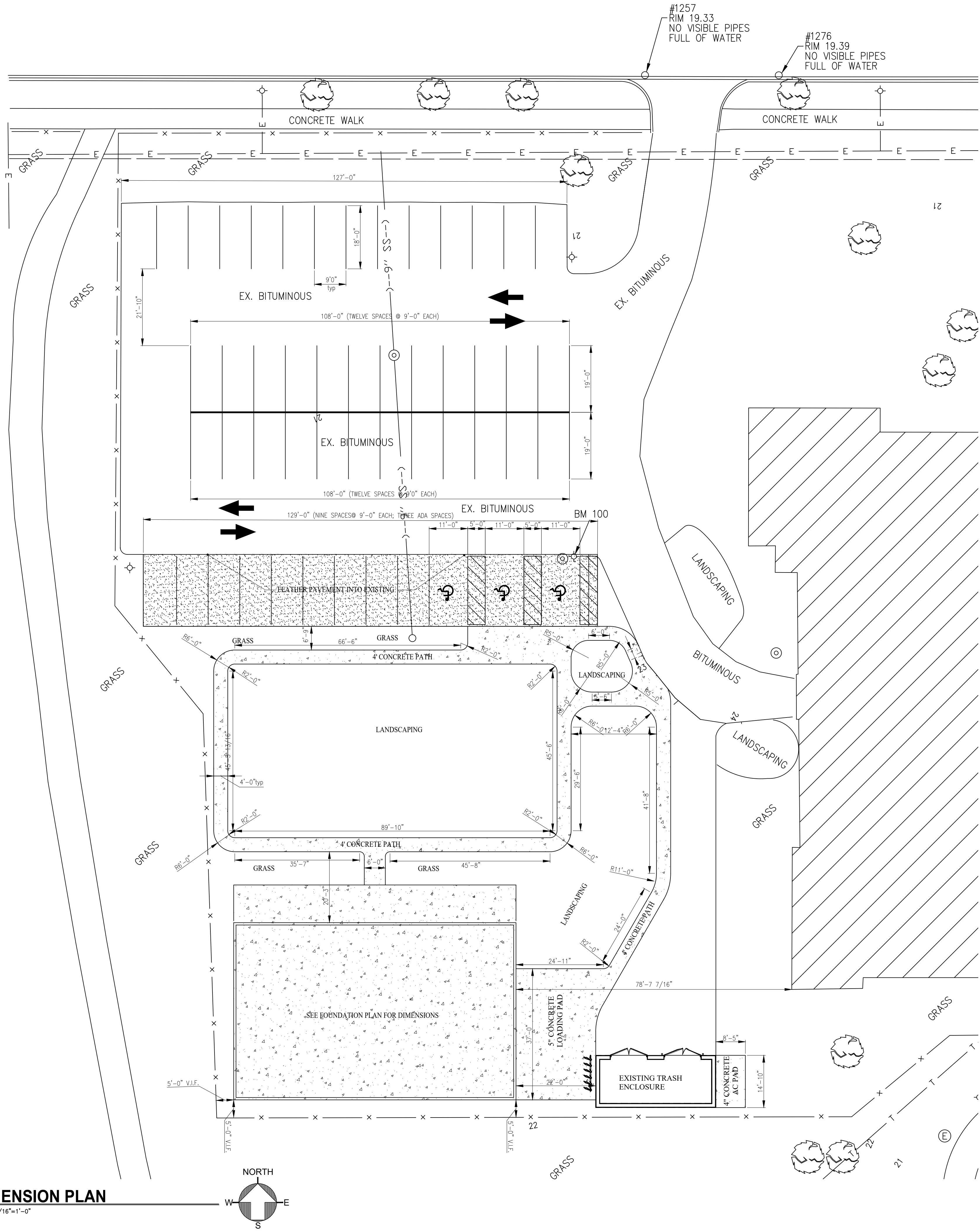
SHEET TITLE

DEMOLITION PLAN

SHEET NUMBER

C-800

NATIONAL MUSEUM OF PUEERTO RICAN ARTS & CULTURE - ARCHIVE BUILDING



PROPOSED LEGEND	
	RADIAL DIMENSION
	LINEAR DIMENSION
	CONCRETE PAVEMENT
	ASPHALT PAVEMENT

- NOTES
- ALL DIMENSIONS ARE FROM BACK OF CURB, FACE OF BUILDING, EDGE OF PAVEMENT, CENTERLINE OF STRIPING OR PROPERTY LINE UNLESS OTHERWISE NOTED.
 - THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AFFECTING THEIR WORK WITH ACTUAL CONDITIONS AT HE JOB SITE. IF THERE ARE ANY DISCREPANCIES FROM WHAT IS SHOWN ON THE CONSTRUCTION PLAN, HE MUST IMMEDIATELY REPORT SAME TO THE ARCHITECT/ENGINEER BEFORE DOING ANY WORK. OTHERWISE THE CONTRACTOR ASSUMES FULL RESPONSIBILITIES. IN THE EVENT OF DISAGREEMENT BETWEEN THE CONSTRUCTION PLANS, STANDARD SPECIFICATIONS AND/OR SPECIAL DETAIL, THE CONTRACTOR SHALL SECURE WRITTEN INSTRUCTION FROM THE ARCHITECT/ENGINEER PRIOR TO PROCEEDING WITH ANY PART OF THE WORK AFFECTED BY OMISSIONS OR DISCREPANCIES. FAILING TO SECURE SUCH INSTRUCTION, THE CONTRACTOR WILL BE CONSIDERED TO HAVE PROCEEDED AT HIS OWN RISK AND EXPENSE. IN THE EVENT OF ANY DOUBT OR QUESTION ARISING WITH RESPECT TO THE TRUE MEANING OF THE CONSTRUCTION PLANS OR SPECIFICATIONS, THE DECISION OF THE ARCHITECT/ENGINEER SHALL BE FINAL AND CONCLUSIVE.



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




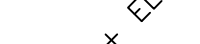









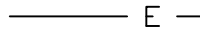

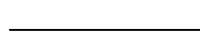

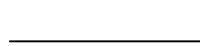







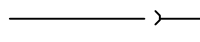



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9	2nd FL EMERGENCY EXIT SYSTEM	09/16/2022

PROJECT ADDRESS
NMPRAC
3015 W. DIVISION STREET
CHICAGO ILLINOIS

SHEET TITLE
DIMENSION PLAN
SHEET NUMBER

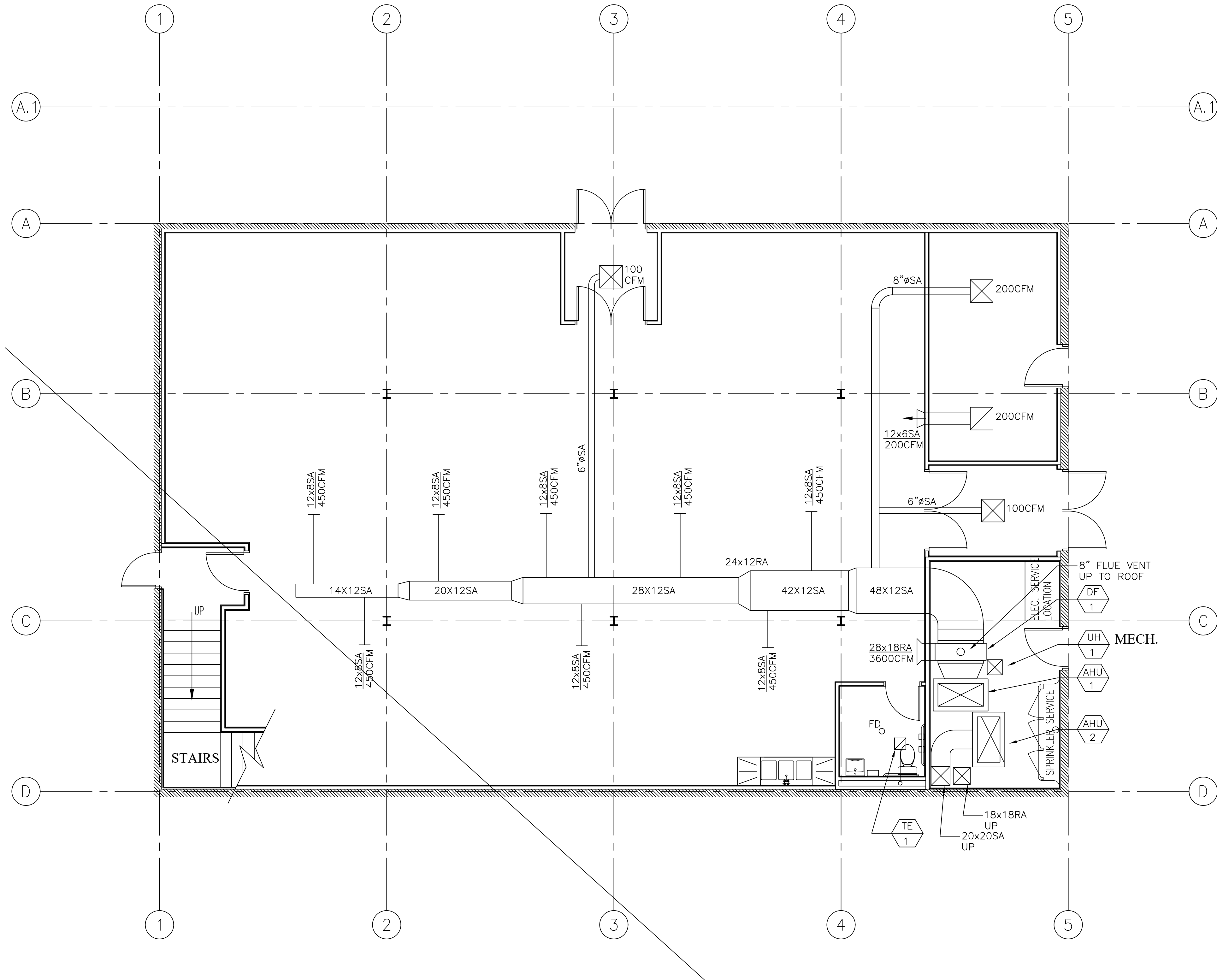
C-801
NATIONAL MUSEUM OF PUERTO RICAN ARTS & CULTURE - ARCHIVE BUILDING



	FIRE HYDRANT		CHAINLINK FENCE
	CATCH BASIN		WOOD FENCE
	INLET		1' CONTOUR
	MANHOLE / VAULT		5' CONTOUR
	ELECTRIC VAULT		EXISTING GRADE SHOT
	TELEPHONE VAULT		SHRUB
	WATER VAULT		DECIDUOUS TREE
	HANDHOLE		ELECTRIC LINE - COMED
	ELECTRIC SPLICE BOX		OVERHEAD ELEC. LINE
	CABLE TV SPLICE BOX		GAS LINE (W/ SIZE)
	GAS VALVE		DEAD GAS LINE (W/ SIZE)
	SINGLE POLE SIGN		ELECTRIC LINE - CITY
	TRAFFIC SIGNAL		SEWER LINE (W/ DIRECTION AND SIZE)
	GUY POLE		WATER LINE (WITH SIZE)
	POWER POLE		TELEPHONE
	TELEPHONE POLE		
	LIGHT POLE		
	CONTROLLER CABINET		

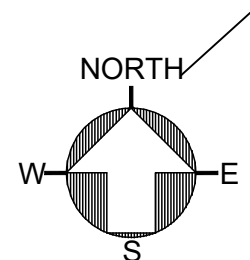
1. THE EXISTENCE AND LOCATION OF UNDERGROUND UTILITIES SHALL BE OBTAINED FROM ALL UTILITY COMPANIES, INVESTIGATED AND VERIFIED IN THE FIELD BY THE CONTRACTOR BEFORE STARTING WORK IN THE CONSTRUCTION AREA. EXCAVATION IN THE VICINITY OF EXISTING STRUCTURES SHALL BE PERFORMED BY HAND. THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY AND ALL DAMAGES TO EXISTING FACILITIES, MAINTENANCE AND PROTECTION OF EXISTING UTILITIES AND STRUCTURES.
2. THE CONTRACTOR IS TO UNCOVER ALL LINES BEING TIED INTO AND VERIFY GRADES BEFORE ANY CONSTRUCTION.
3. CALL DIGGER (312) 744-7000 PRIOR TO DIGGING ANY UTILITY.
4. ALL DISTURBED AREAS SHALL BE RESTORED BY THE CONTRACTOR TO ORIGINAL CONDITIONS
5. THE CONTRACTOR MUST COMPLY WITH ALL FEDERAL, STATE AND LOCAL CODES
6. ALL WORK AND MATERIALS WHICH DO NOT CONFORM TO THE SPECIFICATIONS ARE SUBJECT TO REMOVAL AND REPLACEMENT AT THE CONTRACTOR'S EXPENSE.
7. SCHEDULE 80 PVC SEWER SHALL CONFORM TO ASTM SPECIFICATIONS FOR MATERIAL AND JOINTS (ASTM D-1784/D-1785).
8. DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS

NATIONAL MUSEUM OF PUERTO RICAN ARTS & CULTURE - ARCHIVE BUILDING



1st FLOOR VENTILATION PLAN

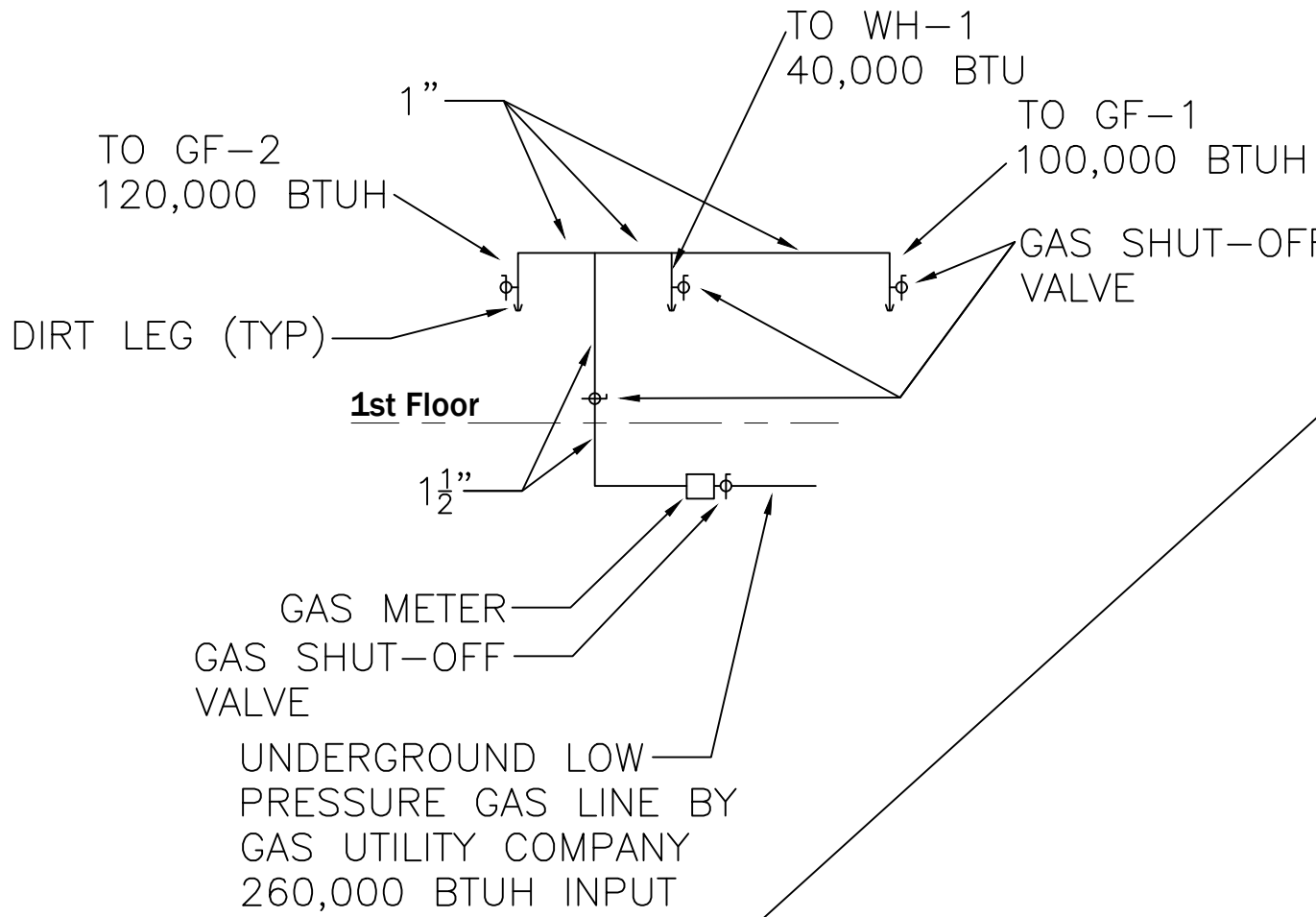
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VENTILATION SCHEDULE											HEATING DATA				
ROOM NO.	ROOM DESCRIPTION	FLOOR AREA (SQ.FT.)	CODE REQUIRED		ACTUAL		CODE REQUIRED		ACTUAL		REMARKS (supp./exh.)	BASIS OF HEAT LOSS CALCULATION	ACTUAL BTU HEAT LOSS	ORD. REQ. SUPPLY CFM @175 F	ACTUAL SUPPLY CFM @175 F
			AREA GLASS	AREA VENT	AREA GLASS	AREA VENT	CFM SUPPLY	CFM EXH.	CFM SUPPLY	CFM EXH.					
1	INACTIVE STORAGE	2980	—	—	—	—	N.R.	N.R.	3600	—	AHU-1/-	ASHRAE	80,125	650	3600
2	TOILET	60	—	—	—	—	N.R.	144	N.R.	150	N.R./EF-1	ASHRAE	N.R.	—	—
3	MECH. ROOM	226	—	—	—	—	N.R.	N.R.	N.R.	N.R.	—/-	ASHRAE	N.R.	—	—
4	EAST VESTIBULE	90	—	—	—	—	N.R.	N.R.	100	—	AHU-1/-	ASHRAE	N.R.	—	—
5	STORAGE	225	—	—	—	—	N.R.	N.R.	200	—	AHU-1/-	ASHRAE	N.R.	—	200
6	NORTH VESTIBULE	62	—	—	—	—	N.R.	N.R.	100	—	AHU-1/-	ASHRAE	N.R.	—	—
7	INACTIVE STORAGE	2562	—	—	—	—	N.R.	N.R.	4000	—	AHU-2/-	ASHRAE	108,400	956	4000
TOTAL													188,525	1,606	7,800

GENERAL NOTES

- CONTRACTOR SHALL ABIDE BY CONDITIONS OF CONTRACT AGREEMENT AND SPECIFICATIONS
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE ALL NEW WORK WITH ALL TRADES PRIOR TO ANY WORK BEING DONE TO ENSURE CONFLICTS DO NOT OCCUR.
- ANY DISCREPANCY BETWEEN DRAWINGS, SPECIFICATIONS AND NOTES SHALL BE CLEARED WITH ENGINEER BEFORE THE BIDDING, NO EXTRAS SHALL BE ALLOWED FOR CLARIFICATIONS DURING CONSTRUCTION.
- MECHANICAL CONTRACTOR SHALL SEAL ALL MECHANICAL PENETRATIONS THRU FIRE RATED FLOORS AND PARTITIONS WITH FIRE RATED MATERIAL INSTALLED PER MANUFACTURERS GUIDELINES AND UNDERWRITERS LABORATORY (U.L.) LISTING. MATERIAL SELECTION SHALL BE BASED ON RATING OF PARTITION PENETRATED. SEE ARCHITECTURAL DRAWINGS FOR FIRE RATINGS OF WALL AND FLOORS.
- MECHANICAL CONTRACTOR TO COMPLETE FULL TESTING AND BALANCING OF ALL SUPPLY, RETURN AND EXHAUST AIR SYSTEMS IN RENOVATED AREA.



SCHEDULE 40 LOW PRESSURE NATURAL GAS PIPING DIAGRAM

DUCT FURNACE SCHEDULE						
TAG	NO OF UNITS	LOCATION	CFM	S.P. IN WC.	HEATING MBH INPUT	HEATING MBH OUTPUT
DF-1	1	1st FLOOR	4000	0.5	300	231
DF-2	1	2nd FLOOR	4000	0.5	300	231

DF-1 & DF-2 BASED ON STERLING POWER VENTED UNITS - MODEL PV-300

NOTES
PROVIDE UNITS WITH THERMOSTATS, HUMIDIFIERS & HUMIDISTAT.
UNITS MUST BE PIPED WITH LOW PRESSURE NATURAL GAS & PIPED IN ACCORDANCE WITH A.G.A. REQUIREMENTS.
PROVIDE SMOKE & CARBON MONOXIDE DETECTORS & LOCATE AS PER CODE.

TOILET EXH. - FAN SCHEDULE
TE-1, GREENHECK, MODEL SP-B150-QD, 92-160CFM OR EQUAL

ELECTRIC HEATER SCHEDULE
UH-1, ELECTRIC UNIT HEATER, 7.5 kw SERVING MECHANICAL ROOM

WATER HEATER SCHEDULE
WH-1, A.O.SMITH SIGNATURE 500, 40-GAL SHORT 40,000 BTU NATURAL GAS WATER HEATER WITH POWER VENT OR EQUAL



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LICENSE SEAL AND SIGNATURE
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9	2nd FL EMERGENCY EXIT SYSTEM	09/16/2022

PROJECT ADDRESS

NMPRAC
3015 W. DIVISION STREET

CHICAGO ILLINOIS

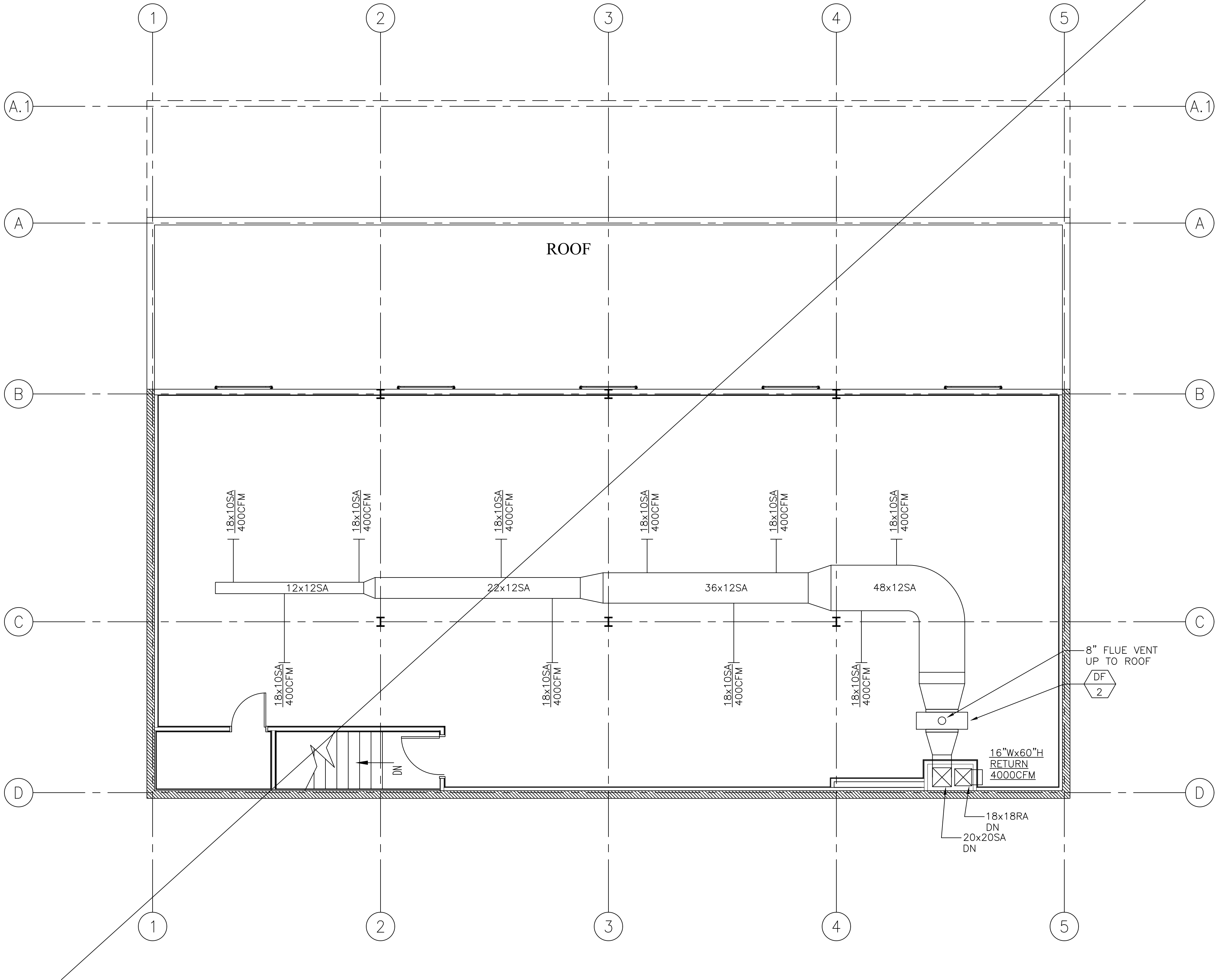
SHEET TITLE

MECHANICAL
1st FLOOR

SHEET NUMBER

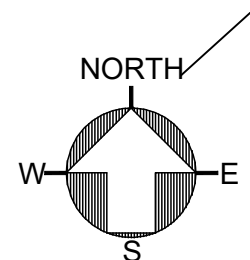
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NATIONAL MUSEUM OF AMERICAN INDIAN ARTS & CULTURE - ARCHIVE BUILDING



2nd FLOOR VENTILATION PLAN

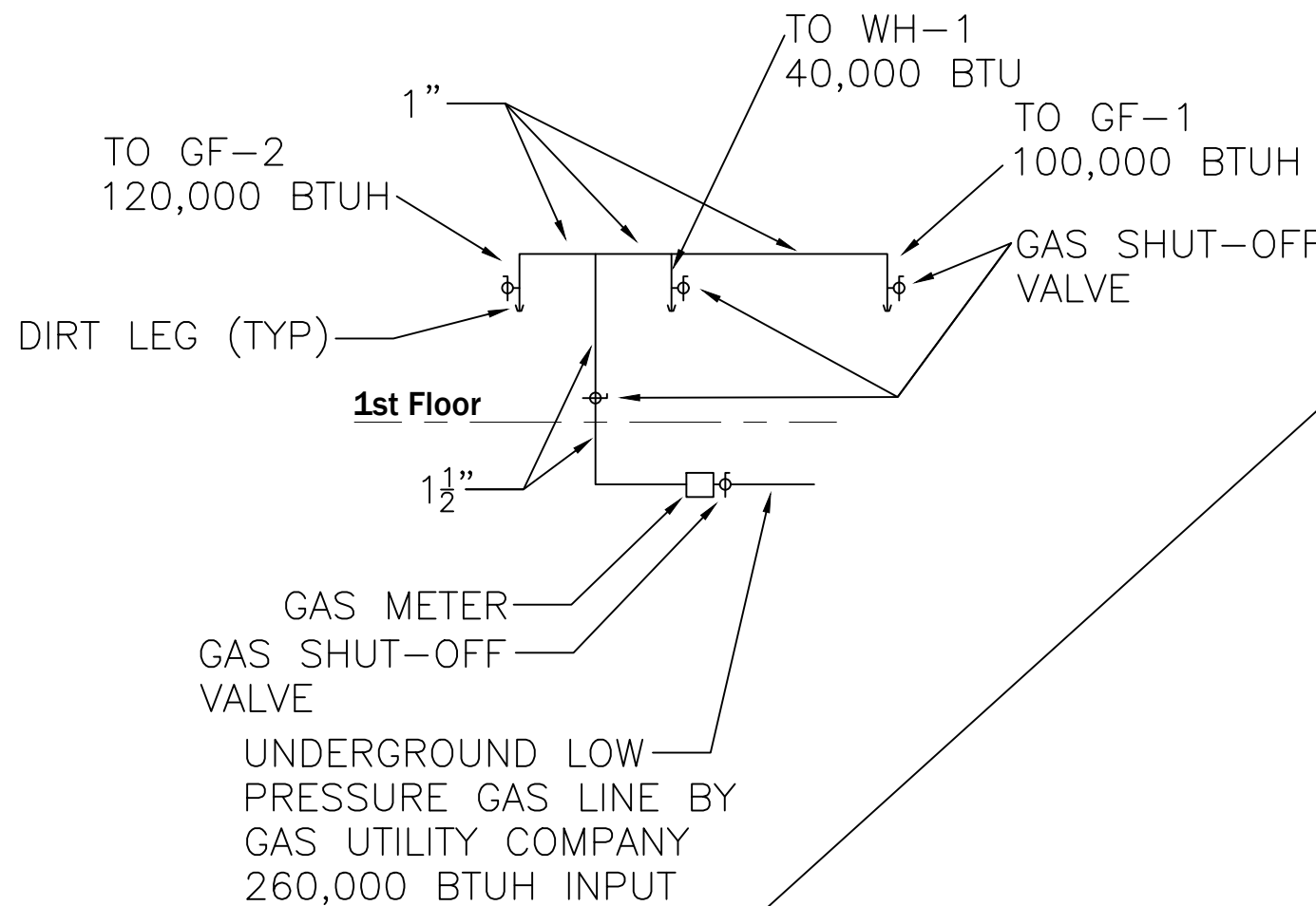
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VENTILATION SCHEDULE											HEATING DATA			
ROOM NO.	ROOM DESCRIPTION	FLOOR AREA (SQ.FT.)	CODE REQUIRED AREA GLASS	ACTUAL AREA GLASS	CODE REQUIRED AREA VENT	ACTUAL AREA VENT	CFM SUPPLY	CFM EXH.	CFM SUPPLY	CFM EXH.	REMARKS (supp./exh.)	BASIS OF HEAT LOSS CALCULATION	ACTUAL BTU HEAT LOSS	ORD. REQ. SUPPLY CFM @175 F
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2	TOILET	60	—	—	—	—	N.R.	144	N.R.	150	N.R./EF-1	ASHRAE	N.R.	—
3	MECH. ROOM	226	—	—	—	—	N.R.	N.R.	N.R.	N.R.	-/-	ASHRAE	N.R.	—
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SCHEDULE 40 LOW PRESSURE NATURAL GAS PIPING DIAGRAM

DUCT FURNACE SCHEDULE

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DF-2	1	2nd FLOOR	4000	0.5	300	231

DF-1 & DF-2 BASED ON STERLING POWER VENTED UNITS - MODEL PV-300

NOTES

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ELECTRIC HEATER SCHEDULE

UH-1, ELECTRIC UNIT HEATER. 7.5 kw SERVING MECHANICAL ROOM

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PROJECT ADDRESS

NMPRAC
3015 W. DIVISION STREET

CHICAGO ILLINOIS

SHEET TITLE

MECHANICAL
2nd FLOOR

SHEET NUMBER

A-501-S

NATIONAL MUSEUM OF AMERICAN INDIAN ARTS & CULTURE - ARCHIVE BUILDING