INMAN PARK COOPERATIVE PRESCHOOL PROJECT

INMAN PARK COOPERATIVE PRESCHOOL

742 EDGEWOOD AVE. NE, ATLANTA GA. 30307

	DRAWI	NG LIST				
SHEET #	SHEET NAME	SCHEMATIC DESIGN	DESIGN DEVELOPMENT	20% CD	PERMIT SET	100% СD
GENER		00/40/000	10/01/0000			
G-001	COVER	08/12/2022	12/21/2022			
G-003	GENERAL INFORMATION	08/12/2022	12/21/2022			
G-101	FIRST FLOOR LIFE SAFETY PLAN		12/21/2022			
CIVIL	CITE DEMOLITION & DEMONAL DLAN		12/21/2022			
C-150	SITE DEMOLITION & REMOVAL PLAN		12/21/2022			
C-200	SITE LAYOUT & PAVING PLAN		12/21/2022			
C-300	SITE GRADING PLAN		12/21/2022			
C-310	STORM DRAINAGE PLAN		12/21/2022			
C-500	SITE UILITY PLAN		12/21/2022			
C-610	PLANTING PLAN		12/21/2022			
STRUCT			40/04/0000			
S-101	FIRST FLOOR/ FOUNDATION PLAN		12/21/2022			
S-102	ROOF PLAN ECTURAL		12/21/2022			
A-101	FLOOR PLAN	08/12/2022	12/21/2022			
A-101 A-103	ROOF PLAN	08/12/2022	12/21/2022			
AR101	FIRST FLOOR REFLECTED CEILING PLAN	08/12/2022	12/21/2022			
A-121	FIRST FLOOR FINISH PLAN	00/12/2022	12/21/2022			
A-121 A-201	BUILDING ELEVATIONS	08/12/2022	12/21/2022			
A-301	BUILDING SECTIONS	00/12/2022	12/21/2022			
A-320	INTERIOR PARTITION TYPES		12/21/2022			
A-601	DOOR SCHEDULE AND DETAILS		12/21/2022			
MECHAI			12/21/2022			
M-001	MECHANICAL LEGEND AND SPECIFICATIONS		12/21/2022			
M-101	MECHANICAL FLOOR PLAN		12/21/2022			
PLUMBI			1212112022			
P-001	PLUMBING LEGEND AND SPECIFICATIONS		12/21/2022			
P-002	PLUMBING SCHEDULES AND DETAILS		12/21/2022			
P-101	PLUMBING FLOOR PLAN - WASTE		12/21/2022			
P-102	PLUMBING FLOOR PLAN - SUPPLY		12/21/2022			
ELECTR			,, _ \			
E-001	ELECTRICAL LEGEND AND SPECIFICATIONS		12/21/2022			
E-002	ELECTRICAL SCHEDULES AND DETAILS		12/21/2022			
E-101	ELECTRICAL PLAN - POWER		12/21/2022			
E-102	ELECTRICAL PLAN - LIGHTING		12/21/2022			
	OTECTION		· — · · — · ·			
FP-001	FIRE PROTECTION LEGEND, DETAILS & SPECIFICATIONS		12/21/2022			
ED 404	FIRE PROTECTION PLAN		12/21/2022			

12/21/2022 DESIGN DEVELOPMENT- NOT ISSUED FOR CONSTRUCTION

PROJECT TEAM

OWNER: INMAN PARK COOPERATIVE PRESCHOOL CONTACT: KAYLA ISLES; iles.patterson@gmail.com

ARCHITECT: EPSTEN GROUP, INC PROJECT MANAGER: CARMEN R. EVANS, AIA, LEED AP cevans82@gmail.com; 912-665-9660

CIVIL ENGINEER: BREEDLOVE LANDPLANNING CONTACT: ALAN WIECZYNSKI, PA, LEED AP; alanw@landplanning.net D. ENGINEER REG. #:

MEP&FP ENGINEER: COVALENT CONSULTING CONTACT: PATRICK WILKES, PE; pwilkes@covalentconsulting.com STRUCTURAL ENGINEER: HARRELL KANE STRUCTURAL ENGINEERS. INC.

CONTACT: DAVID HARRELL, S.E.; dharrell@hk-se.com

PROJECT CRITERIA

A. NAME OF PROJECT: INMAN PARK COOPERATIVE PRESCHOOL

B. PROJECT LOCATION: 742 EDGEWOOD AVE NE ATLANTA, GA 30307

C. ARCHITECT REG. #: BILL D'ONOFRIO; GA: RA 011261

MECHANICAL: PATRICK WILKES; GA PE 25559 PLUMBING: PATRICK WILKES; GA PE 25559 ELECTRICAL: CHRISTIAN AYBAR; GA PE 34114 FIRE PROTECTION: PATRICK WILKES; GA PE 25559 STRUCTUAL: DAVID HARRELL: SE 000055 CIVIL: ALAN WIECZYNSKI; GA LA001471

E. OCCUPANCY CLASSIFICATION: GROUP E EDUCATION

F. CONSTRUCTION TYPE: TYPE III-B; SPRINKLERED (NFPA 13)

G. PROJECT SCOPE:

THE PROJECT INCLUDES DESIGN OF A ONE STORY PRESCHOOL FOR STUDENTS AGES 2-4. THE PROJECT IS LOCATED IN THE INMAN PARK HISTORIC DISTRICT.

H. BUILDING AREA: 4,245 SF

I. OCCUPANCY CLASSIFICATION (IBC CHAPTER 3) EDUCATIONAL - GROUP E

APPLICABLE CODES

AMENDMENTS (2020)

DESIGN (ADA) - 2010 EDITION

INTERNATIONAL BUILDING CODE - 2018 EDITION WITH GEORGIA

NATIONAL ELECTRIC CODE - 2020 EDITION (NO GEORGIA

INTERNATIONAL FUEL GAS CODE - 2018 EDITION WITH GEORGIA AMENDMENTS (2020)

INTERNATIONAL MECHANICAL CODE - 2018 EDITION WITH GEORGIA AMENDMENTS (2020)

INTERNATIONAL PLUMBING CODE - 2018 EDITION WITH GEORGIA

AMENDMENTS (2020) INTERNATIONAL ENERGY CONSERVATION CODE - 2015 EDITION WITH

GEORGIA SUPPLEMENTS AND AMENDMENTS (2020) INTERNATIONAL FIRE CODE - 2018 EDITION WITH GEORGIA

GEORGIA STATE HANDICAPPED ACCESSIBILITY LAW 120-3-20A/ 2010

ADA STANDARDS FOR ACCESSIBLE DESIGN

NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) 101 LIFE SAFETY CODE (LSC) - 2018 EDITION WITH GEORGIA AMENDMENTS (2020)

U.S. DEPARTMENT OF JUSTICE A.D.A. STANDARDS FOR ACCESSIBLE

RULES AND REGULATIONS OF THE SAFETY FIRE COMMISSIONER FOR THE STATE MINIMUM FIRE SAFETY STANDARDS, CHAPTER 120-3-20 JANUARY 1, 2015 (GEORGIA SAFETY FIRE LAW)



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PROJECT NUMBER: **IPCPB**

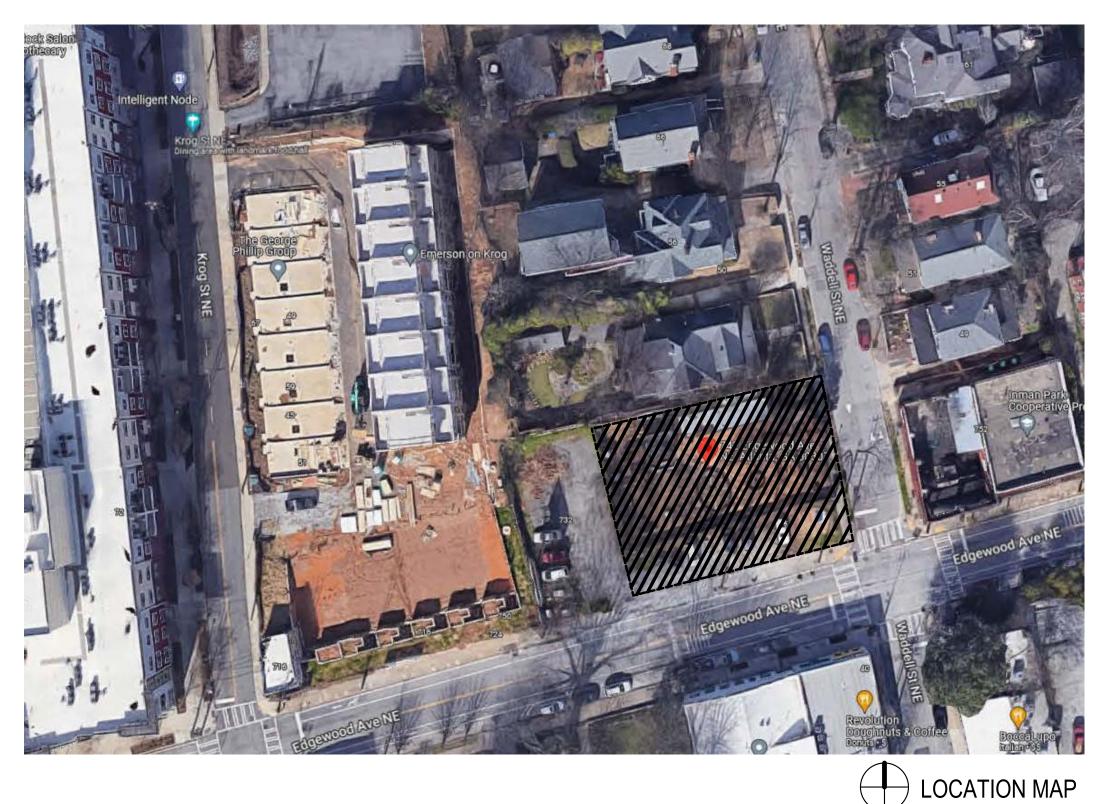
OWNER PROJECT NUMBER:











G-001

SHEET NUMBERING SYSTEM

A-101A SECTOR INDICATOR [IF APPLICABLE] SEQUENCE NUMBER/ FLOOR NUMBER SHEET TYPE DESIGNATOR DASH (ONLY FOR LARGE PROJECTS) DISCIPLINE DESIGNATOR

[G] GENERAL COVER SHEET/ GENERAL INFORMATION [1] - LIFE SAFETY PLAN

[F] FIRE PROTECTION [D] - DEMOLITION [P] PLUMBING

[D] - DEMOLITION PLAN [M] MECHANICAL [D] - DEMOLITION

[E] ELECTRICAL [D] - DEMOLITION PLAN

[D] - DEMOLITION PLAN [R] - REFLECTED CEILING PLAN SHEET TYPE DESIGNATOR

<5>- DETAILS

<6>- SCHEDULES

[A] ARCHITECTURAL

<0>- GENERAL <1>- PLANS <2>- ELEVATIONS [EXTERIOR] <3>- SECTIONS <4>- ENLARGED PLANS

<7>- ELEVATIONS [INTERIOR]

GENERAL NOTES

. THE DRAWINGS AND SPECIFICATIONS INDICATE THE GENERAL EXTENT OF THE WORK. THE DRAWINGS AND SPECIFICATIONS ARE NOT INTENDED TO INDICATE OR DESCRIBE IN COMPREHENSIVE OR MINUTE DETAIL THE FULL REQUIREMENTS FOR THE EXECUTION AND COMPLETION OF THE SCOPE OF WORK INDICATED, DESCRIBED, OR REQUIRED.

2. THE ENUMERATION OF PARTICULAR ITEMS OF WORK IN ONE PORTION OF THE CONTRACT DOCUMENTS SHALL NOT BE CONSTRUED TO EXCLUDE OTHER ITEMS NECESSARY OR IMPLIED THEREFROM.

3. COORDINATE WORK SO THAT NO WORK SHALL BE LEFT IN AN UNFINISHED OR IN AN INCOMPLETE CONDITION.

4. COMPLY WITH APPLICABLE INDUSTRY AND MANUFACTURERS STANDARDS FOR QUALITY OF MATERIALS AND WORKMANSHIP, AS WELL AS REQUIREMENTS IN THE CONTRACT DOCUMENTS. ANY CONFLICTING REQUIREMENTS SHALL BE BROUGHT TO THE ARCHITECT'S ATTENTION IMMEDIATELY IN WRITING. AFFECTED PORTION OF WORK IS NOT TO PROCEED UNTIL THE CONFLICTING REQUIREMENTS ARE RESOLVED.

PROTECT EXISTING, IN PLACE, AND NEW WORK.

6. ITEMS NOTED "NIC" ARE NOT PART OF THE CONTRACTOR'S SCOPE OF WORK.

7. REMOVE AND LEGALLY DISPOSE OF WASTE MATERIALS AND RUBBISH. SORT CONSTRUCTION WASTE FOR REUSE, RECYCLE, OR RESALE TO DIVERT WASTE FROM THE LANDFILL WHERE POSSIBLE.

8. FIELD VERIFY DIMENSIONS SHOWN ON THESE DRAWINGS WITH EXISTING SITE CONDITIONS. NOTIFY THE ARCHITECT IN WRITING OF ANY DISCREPANCIES, OMISSIONS AND/OR CONFLICTS BEFORE COMMENCEMENT OF WORK. COMMENCEMENT OF WORK SHALL CONSTITUTE ACCEPTANCE OF EXISTING CONDITIONS.

9. DO NOT SCALE DRAWINGS: EXISTING DIMENSIONS GOVERN WRITTEN DIMENSIONS. LARGE SCALE DETAILS GOVERN SMALL SCALE DETAILS. NOTIFY THE ARCHITECT IN WRITING OF ANY DISCREPANCIES, OMISSIONS AND/OR CONFLICTS BEFORE COMMENCEMENT OF WORK.

10. FOLLOW AND IMPLEMENT NFPA 241, STANDARD FOR SAFEGUARDING CONSTRUCTION AND ALTERATION OPERATIONS.

11. COMPLY WITH THE REQUIREMENTS OF APPLICABLE CODES, ORDINANCES AND REGULATORY AGENCIES.

12. ISOLATE DISSIMILAR METALS FROM EACH OTHER TO AVOID GALVANIC ACTION, AS DESCRIBED IN THE PROJECT MANUAL, OR IF NOT SO DESCRIBED AS CONSISTENT WITH WRITTEN INDUSTRY STANDARDS.

13. NOTES APPEAR ON VARIOUS SHEETS FOR DIFFERENT SYSTEMS AND MATERIALS. SHEETS ARE TO BE REVIEWED AND NOTES ON ANY ONE SHEET ARE TO BE APPLIED TO RELATED DRAWINGS AND DETAILS.

14. A FINISH INDICATION ON A WALL SHALL MEAN THE ENTIRE LENGTH AND HEIGHT OF WALL IS TO BE FINISHED OR FIRE-RATED AS INDICATED, UNLESS OTHERWISE NOTED.

15. PROVIDE CONCEALED ACCESS PANELS AS REQUIRED BY APPLICABLE CODES AND AS REQUIRED FOR MECHANICAL EQUIPMENT AND PLUMBING INSTALLATION AND MAINTENANCE. CONFIRM LOCATIONS WITH THE ARCHITECT PRIOR TO PROCEEDING. MAINTAIN FIRE RATINGS. IN FIRE-RATED ASSEMBLIES, PROVIDE FIRE-RATED ACCESS PANELS TO MATCH FIRE-RATING OF ASSEMBLIES.

16. INSTALL PIPE DUCTS AND BUS DUCTS THAT PENETRATE FLOOR SLABS OR WALL PARTITIONS IN A MANNER THAT WILL PRESERVE THE MOISTURE RESISTIVENESS, FIRE RATING, AND STRUCTURAL INTEGRITY OF THE BUILDING.

17. PLAN THE WORK TO PROVIDE ADEQUATE PROTECTION FOR PERSONS AND PROPERTY AT ALL TIMES, AND EXECUTE THE WORK IN SUCH A MANNER TO AVOID ANY HAZARD TO PERSONS AND PROPERTY.

18. COORDINATE THE PHASING OF THE WORK TO BE PERFORMED AROUND EXISTING FACILITIES AS DETERMINED IN THE PRE-CONSTRUCTION CONFERENCE, PRIOR TO START OF WORK.

19. REFER TO ELECTRICAL DOCUMENTS FOR FIXTURES INFORMATION.

20. CENTER ALL A.C.T. CEILING GRIDS IN INDIVIDUAL ROOMS UNLESS DESCRIBED OTHERWISE IN THE CONTRACT DOCUMENTS.

21. REFER TO RCP FOR LOCATION OF CEILING MOUNTED FIXTURES.

22. FRAME DOORS 6" FROM ADJACENT PERPENDICULAR WALL TO OUTSIDE EDGE OF DOOR FRAME, UNLESS OTHERWISE

23. REMOVE AND SAFELY STORE ALL EXISTING WALL MOUNTED ACCESSORIES THAT ARE TO REMAIN IN A SECURE LOCATION, UNDER THE CONTRACTOR'S CONTROL PRIOR TO BEGINNING CONSTRUCTION. BEFORE SUBSTANTIAL COMPLETION, REINSTALL ACCESSORIES TO THEIR ORIGINAL OR NEW LOCATIONS AS SHOWN IN THE CONTRACT DOCUMENTS.

24. WORKING HOURS, ACCESS TO THE SITE, ELEVATOR USAGE, SECURITY MEASURES, AND OTHER OWNER REQUIREMENTS NECESSARY TO MAINTAIN THE ONGOING OPERATIONS OF THE FACILITY DURING CONSTRUCTION SHALL BE SPECIFIED IN DIVISION I, GENERAL REQUIREMENTS.

25. PROTECT, BRACE, AND SECURE OPENINGS UNTIL RE-WORK IS INSTALLED; AS NEEDED.

26. LEAVE SPACE CLEAN AND READY FOR NEXT STAGE OF WORK; AS NEEDED. PATCH AND REPAIR EXISTING WALLS AND ITEMS TO REMAIN.

27. COORDINATE CONSTRUCTION ACTIVITIES WITH THE OWNER FOR THE LEAST AMOUNT OF INTERRUPTION TO THE

OWNER'S CONCURRENT OPERATIONS.

28. FOLLOW APPLICABLE HANDICAPPED ACCESSIBILITY GUIDELINES DURING CONSTRUCTION.

29. LEAVE SPACE MOP AND VACUUM CLEANED AT END OF EACH WORK PERIOD.

30. NOTIFY THE OWNER IMMEDIATELY IN WRITING IF SUSPECTED HAZARDOUS MATERIALS ARE DISCOVERED (ASBESTOS, LEAD, ETC.).

31. SEAL ALL PENETRATIONS THROUGH WALLS IN COMPLIANCE WITH AN APPROVED UL ASSEMBLY AS DESCRIBED IN SPECIFICATION SECTION 079200 JOINT SEALANTS.

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INMAN PARK COOPERATIVE **PRESCHOOL**

SEAL:

CONSULTANTS:





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REV.#	REV. DATE	REV. DESCRIPTION
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PROJECT: **INMAN PARK** COOPERATIVE **PRESCHOOL PROJECT** 742 EDGEWOOD AVE. NE, ATLANTA GA. 30307

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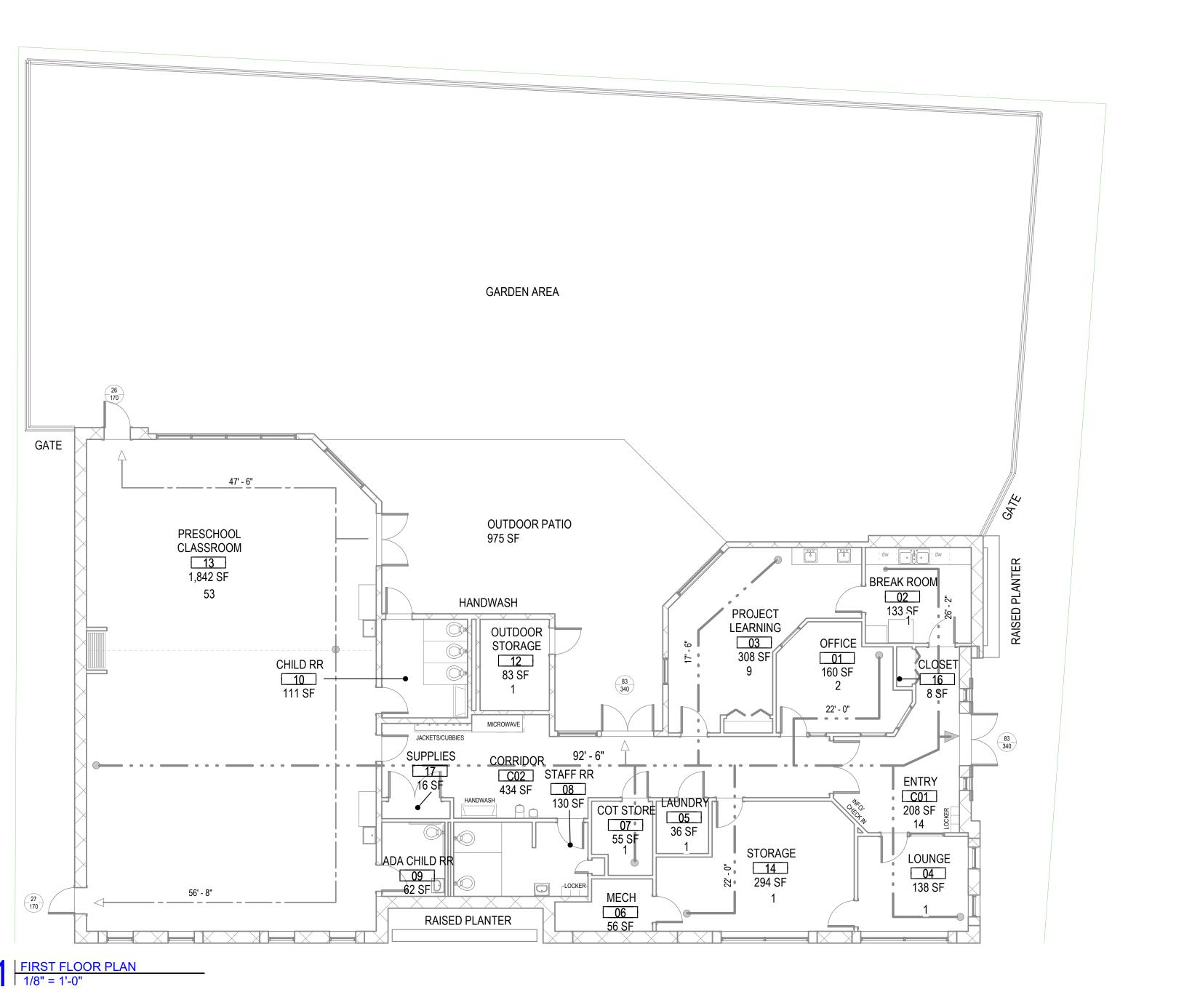
12/21/2022

INFORMATION

PROJECT ISSUE DATE

			0	
Number	Name	Area	Occupant Load Factor	Occupancy
01	OFFICE	160 SF	150	2
02	BREAK ROOM	133 SF		1
03	PROJECT LEARNING	308 SF		9
04	LOUNGE	138 SF	150	1
05	LAUNDRY	36 SF	300	1
06	MECH	56 SF		
07	COT STORE	55 SF	300	1
08	STAFF RR	130 SF		
09	ADA CHILD RR	62 SF		
10	CHILD RR	111 SF		
12	OUTDOOR STORAGE	83 SF	300	
13	PRESCHOOL CLASSROOM	1,842 SF	35	53
14	STORAGE	294 SF	300	1
16	CLOSET	8 SF	0	
17	SUPPLIES	16 SF	0	
C01	ENTRY	208 SF	15	14
C02	CORRIDOR	434 SF		

TOTAL OCCUPANT LOAD: 83



LIFE SAFETY ANALYSIS

BUILDING OCCUPANCY

EDUCATION GROUP E: PRIMARY USE (LSC CHAPTER 6)

BUSINESS GROUP B: OFFICE/ SUPPORT

TYPE OF CONSTRUCTION

TYPE IIIB CONSTRUCTION - SPRINKLERED

FIRE RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS
(FIRE RATED SEPARATIONS BETWEEN PRIMARY AND ACCESSORY USES ARE NOT REQUIRED (508.2.4)

- PRIMARY STRUCTURAL FRAME: 0 HRS (IBC TABLE 601)
- BEARING WALLS (EXTERIOR): 2 HRS (IBC TABLE 601)
- BEARING WALLS (INTERIOR): 0 HRS (IBC TABLE 601)
- NONBEARING WALLS AND PARTITIONS (INTERIOR): 0 HRS (IBC TABLE 601)
- FLOOR CONSTRUCTION: 0 HRS (IBC TABLE 601)

MEANS OF EGRESS
OCCPANT LOAD FACTOR (LSC TABLE 7.3.1.2)

DAYCARE: 35SF NET PER PERSON BUSINESS: 150SF GROSS PER PERSON STORAGE: 300SF GROSS PER PERSON

SEE SPACE BY SPACE OCCUPANT LOAD TABLE

EGRESS CAPACITY (LSC 7.3.3.1)
36" W DOOR = 34" CLEAR = 170 CAPACITY
72" W DOOR = 68" CLEAR = 340 CAPACITY
- PASSAGEWAYS, CORRIDORS = 0.2"/PERSON

ALLOWABLE DISTANCES PER IBC TABLE 1017.2

E OCCUPANCIES: TRAVEL DISTANCE TO EXITS (SPRINKLERED): TRAVEL DISTANCE TO EXITS (SPRINKLERED):

DEAD END CORRIDORS ARE 50 FEET MAX, WHEN SPRINKLERED

COMMON PATH OF TRAVEL IS 100 FEET MAXIMUM, WHEN SPRINKLERED

EXIT SIGNS PER IBC 1011:

EXIT SIGNAGE (SHADING INDICATES FACE OF SIGN. ARROW INDICATES DIRECTION)

EGRESS CAPACITY OF EXIT DOORS

TOTAL NUMBER OF EXIT DOORS: 6
- EGRESS CAPACITY: 1,020
- ACTUAL EGRESS CAPACITY: 219

PLUMBING FIXTURE REQUIREMENTS (IPC CHAPTER 4, TABLE 403.1)

EDUCATION: CHILD RESTROOMS:

BUSINESS:

MALE/FEMALE RESTROOMS:

DRINKING FOUNTAINS

PLUMBING FIXTURE COUNT:

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DOCUMENTS AND DRAWINGS
REVISION SCHEDULE

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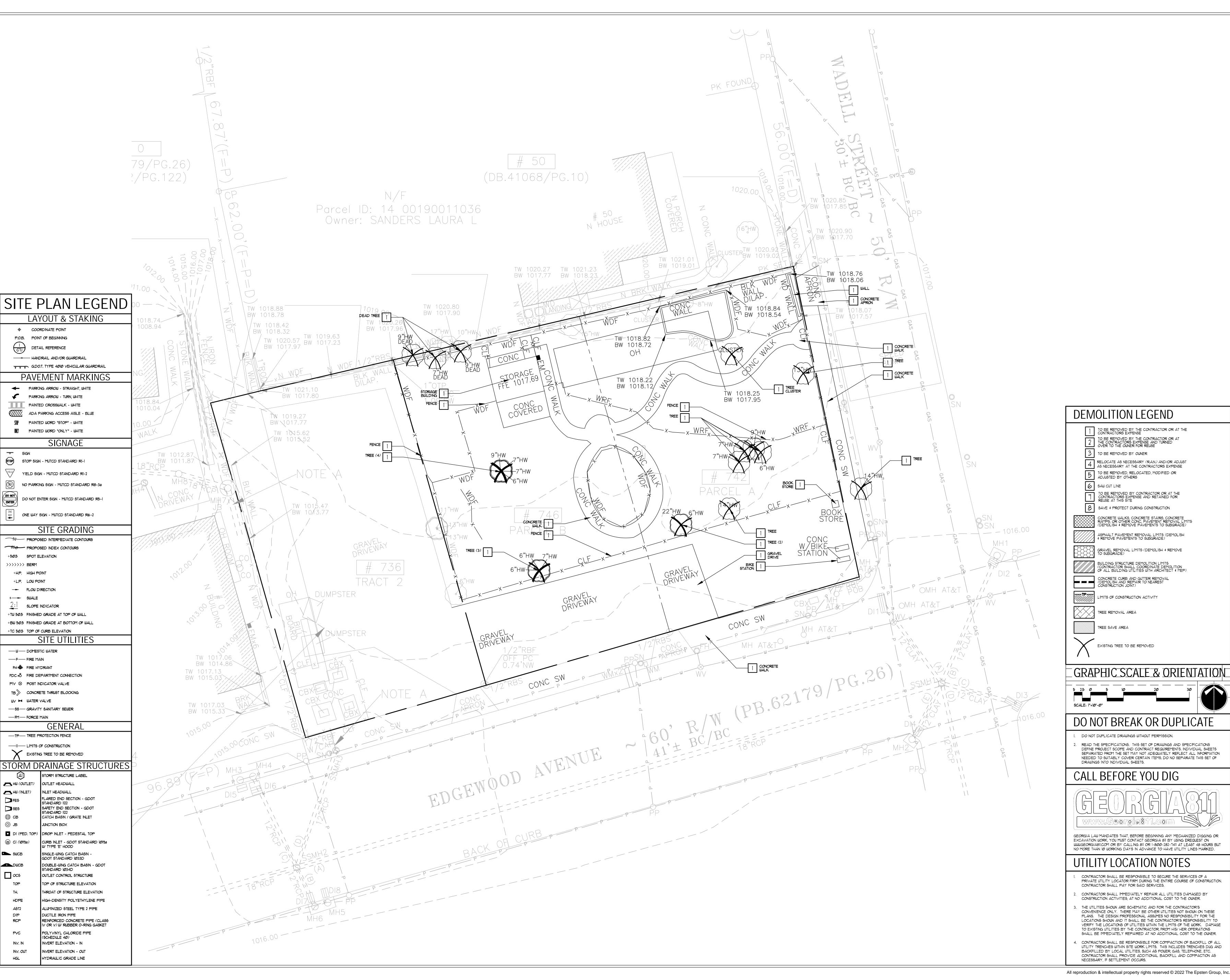
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GA. 30307

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FIRST FLOOR
LIFE SAFETY
PLAN

PLAN NORTH

G-101





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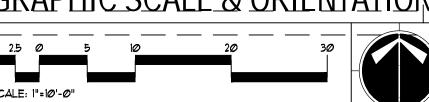
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SCALE: 1"=10'-0"					
DO NOT	BRFAK	OR DUP	IC	ATF	

DO NOT DIVENIX OIL DOT FIGURE

READ THE SPECIFICATIONS. THIS SET OF DRAWINGS AND SPECIFICATIONS DEFINE PROJECT SCOPE AND CONTRACT REQUIREMENTS. INDIVIDUAL SHEETS SEPARATED FROM THE SET MAY NOT ADEQUATELY REFLECT ALL INFORMATION NEEDED TO SUITABLY COVER CERTAIN ITEMS. DO NO SEPARATE THIS SET OF DRAWINGS INTO INDIVIDUAL SHEETS.



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CONTRACTOR SHALL BE RESPONSIBLE TO SECURE THE SERVICES OF A

CONTRACTOR SHALL IMMEDIATELY REPAIR ALL UTILITIES DAMAGED BY

CONVENIENCE ONLY. THERE MAY BE OTHER UTILITIES NOT SHOWN ON THESE PLANS. THE DESIGN PROFESSIONAL ASSUMES NO RESPONSIBILITY FOR THE LOCATIONS SHOWN AND IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE LOCATIONS OF UTILITIES WITHIN THE LIMITS OF THE WORK. DAMAGE TO EXISTING UTILITIES BY THE CONTRACTOR, FROM HIS/ HER OPERATIONS

CONTRACTOR SHALL BE RESPONSIBLE FOR COMPACTION OF BACKFILL OF ALL UTILITY TRENCHES WITHIN SITE WORK LIMITS. THIS INCLUDES TRENCHES DUG AND BACKFILLED BY LOCAL UTILITIES, SUCH AS POWER, GAS, TELEPHONE, ETC.

INMAN PARK COOPERATIVE **PRESCHOOL** 742 EDGEWOOD 5 AVE. NE, ATLANTA

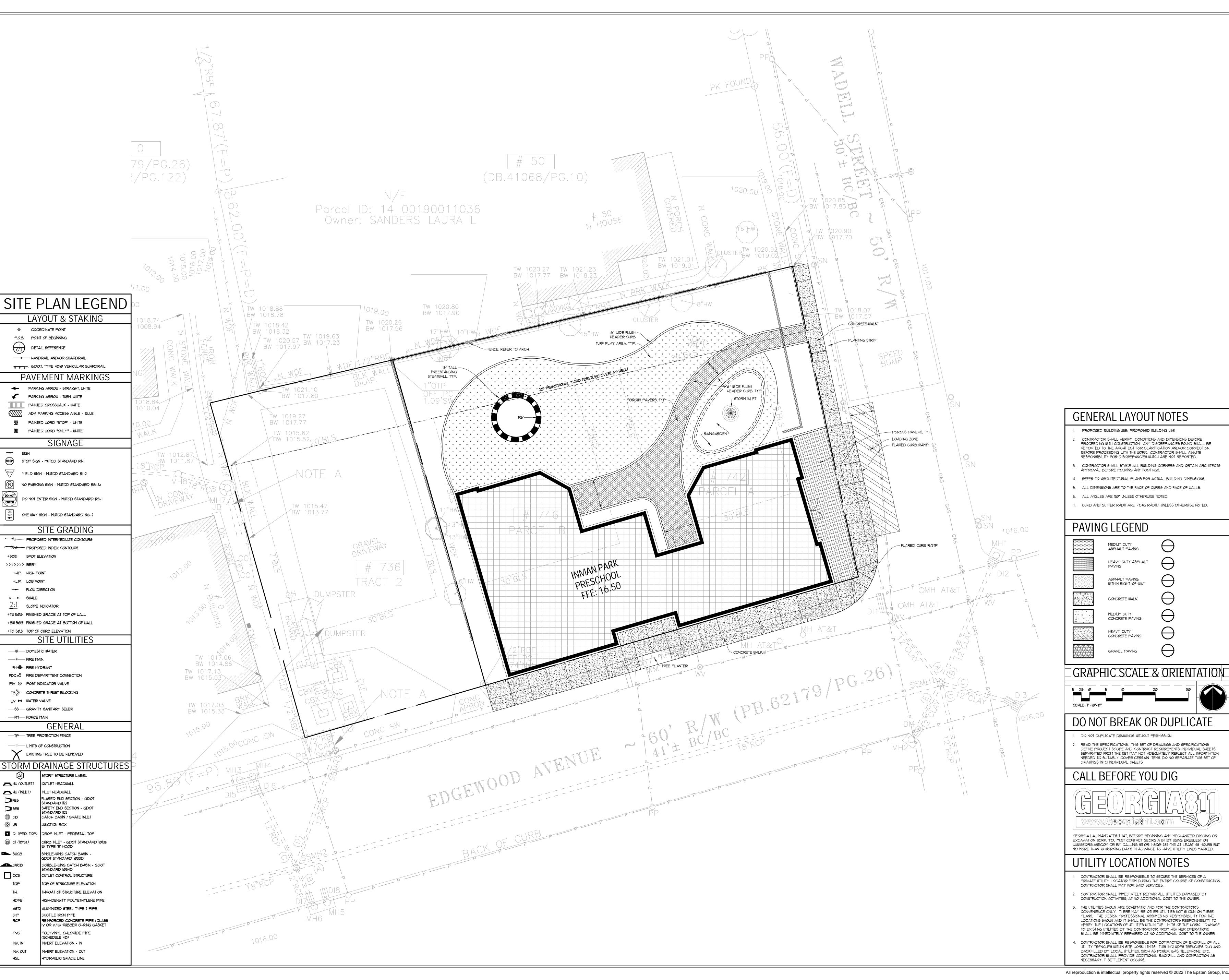
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PROJECT DRAWN BY **CHECKED BY** SHEET TITLE:

GA. 30307

DEMOLITION& REMOVAL PLAN

PLAN NORTH



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PRESCHOOL

GA. 30307

PROJECT ISSUE DATE

PROJECT

DRAWN BY

CHECKED BY

SHEET TITLE:

COOPERATIVE

SITE LAYOUT &

PAVING PLAN

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EVELOPMENT

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DRAWINGS SITE VERIFY ALL DIMENSIONS

DISCREPANCIES TO ARCHITECT IMMEDIATELY

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REV. # REV. DATE REV. DESCRIPTION

PRIOR TO CONSTRUCTION REPORT ALL

- PROCEEDING WITH CONSTRUCTION. ANY DISCREPANCIES FOUND SHALL BE REPORTED TO THE ARCHITECT FOR CLARIFICATION AND/OR CORRECTION
- REFER TO ARCHITECTURAL PLANS FOR ACTUAL BUILDING DIMENSIONS.
- 5. ALL DIMENSIONS ARE TO THE FACE OF CURBS AND FACE OF WALLS.

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	HEAVY DUTY ASPHALT PAVING	Θ	
	ASPHALT PAVING WITHIN RIGHT-OF-WAY	Θ	
	CONCRETE WALK	Θ	
4 4 4	MEDIUM DUTY CONCRETE PAVING	Θ	
	HEAVY DUTY	\bigcirc	

GRAPHIC SCALE & ORIENTATION



2.	READ THE SPECIFICATIONS. THIS SET OF DRAWINGS AND SPECIFICATIONS
	DEFINE PROJECT SCOPE AND CONTRACT REQUIREMENTS. INDIVIDUAL SHEETS
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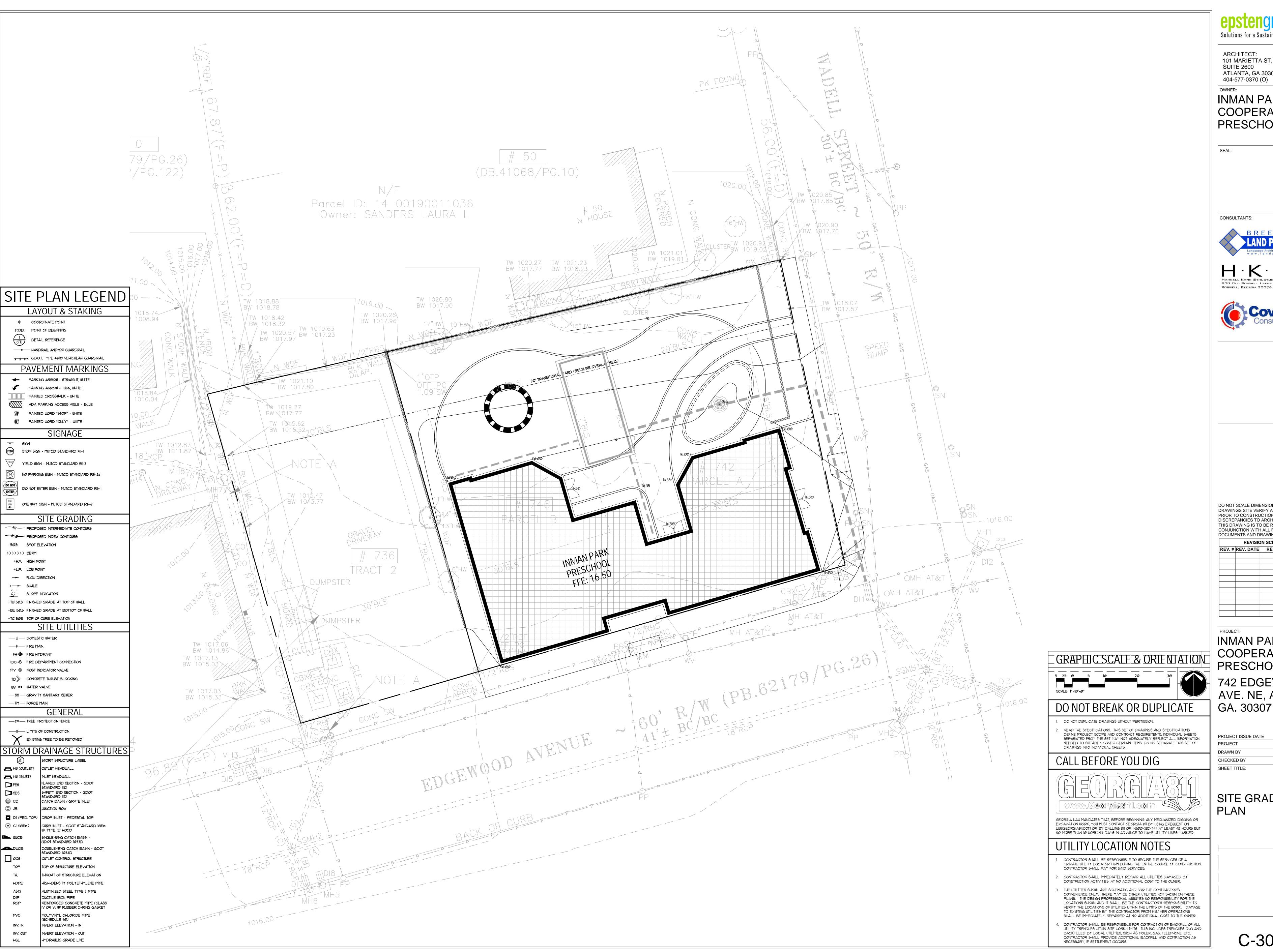
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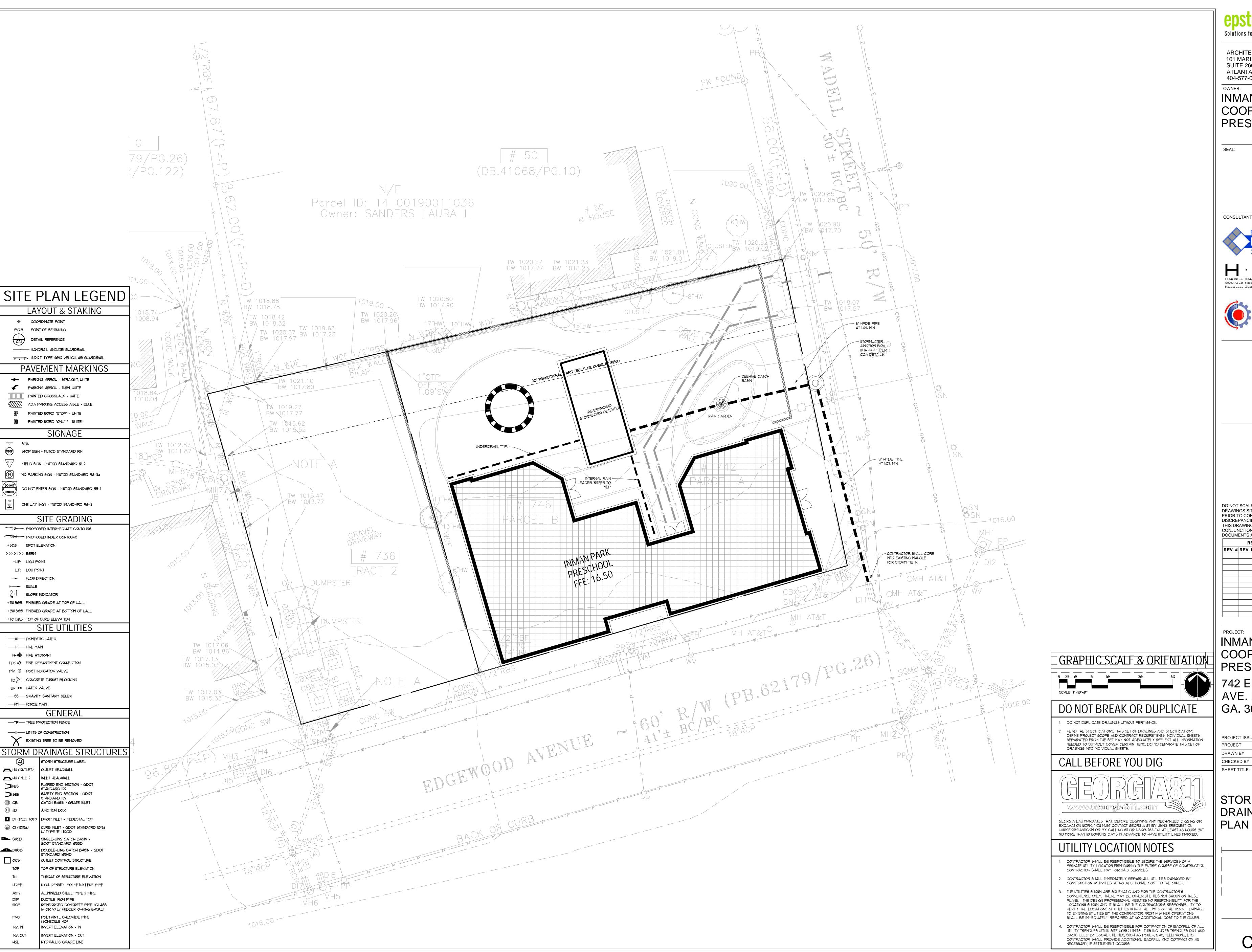
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SITE GRADING PLAN

- NELOPMENT

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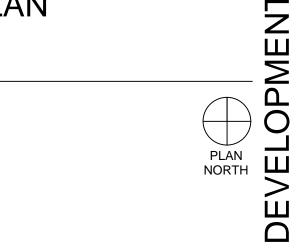
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742 EDGEWOOD S GA. 30307

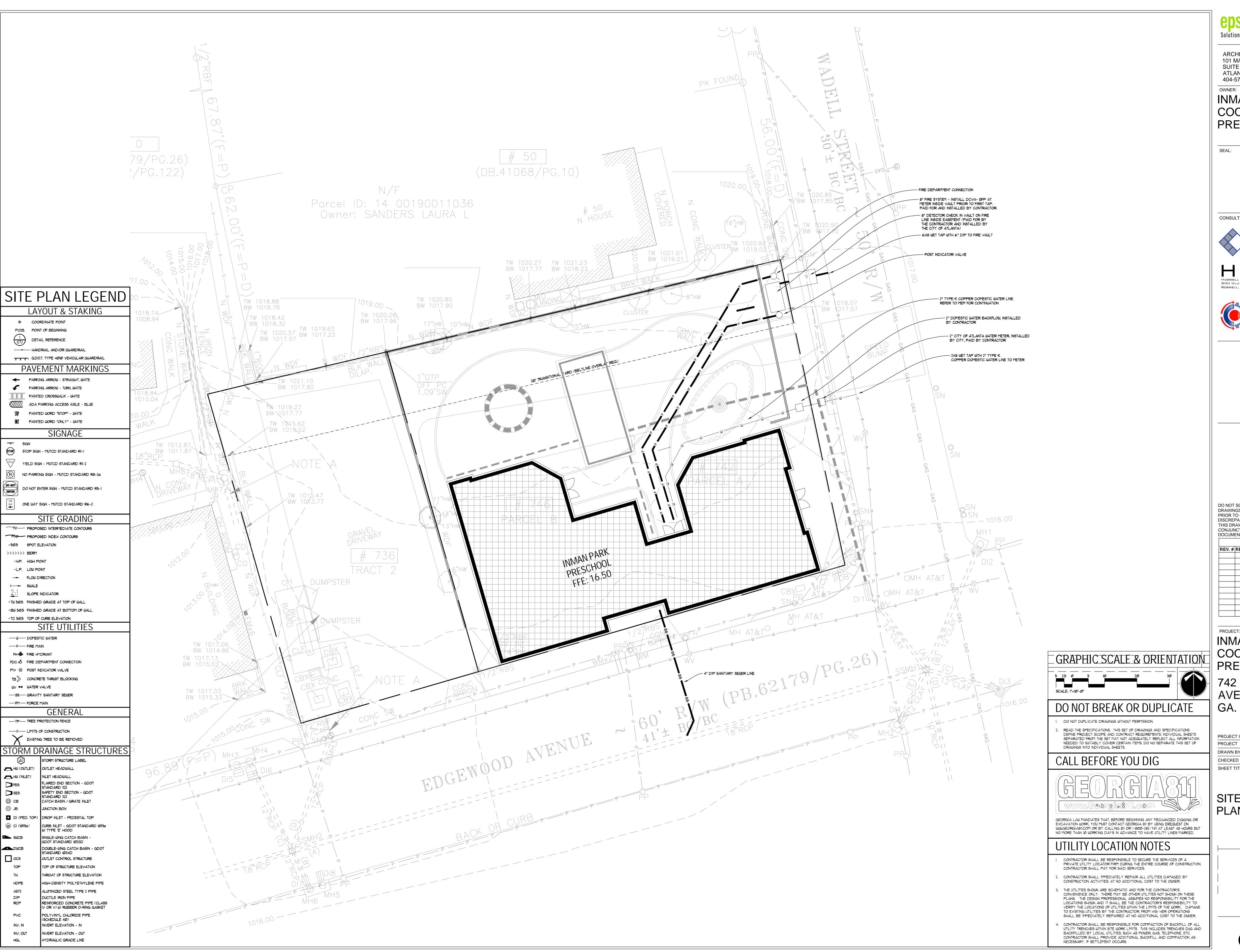
ROJECT ISSUE DATE	12/21/2022	
ROJECT	IPCPB	
RAWN BY	CE	
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SHEET TITLE:		

STORM

DRAINAGE



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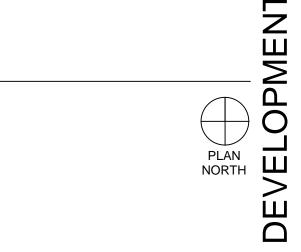
INMAN PARK COOPERATIVE PRESCHOOL 742 EDGEWOOD S

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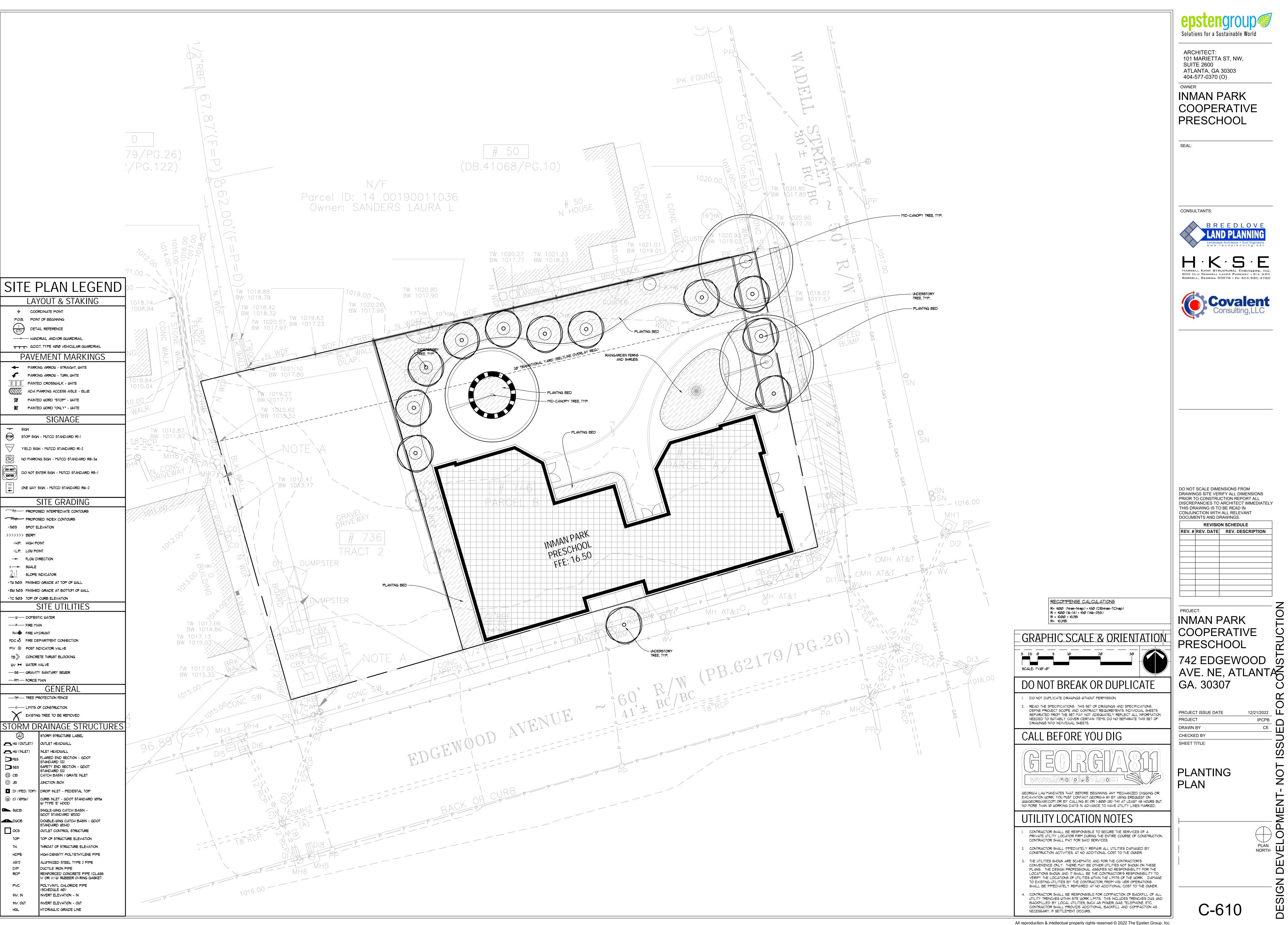
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HEET TITLE:	

SITE UTILITY

PLAN



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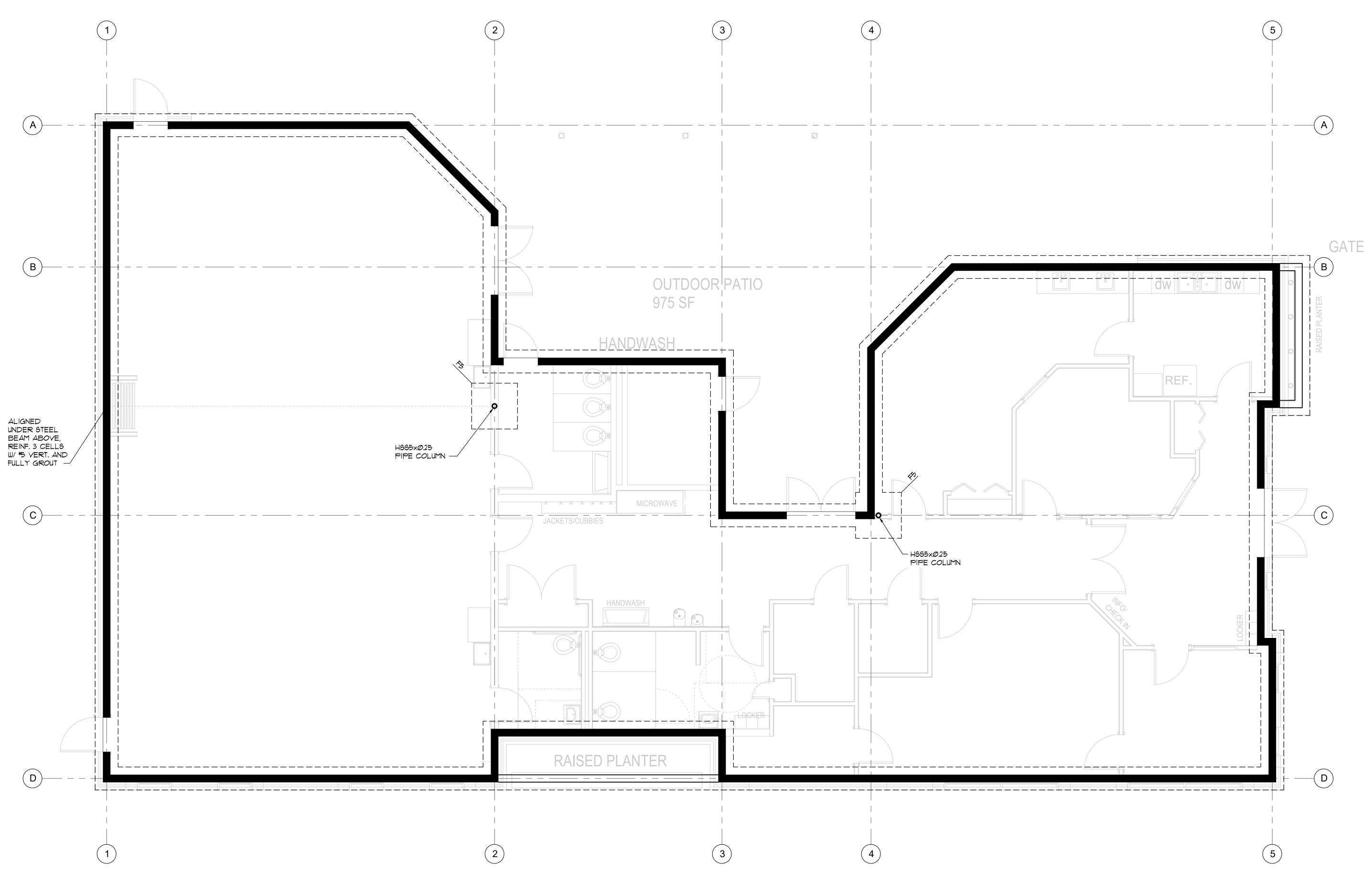
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NEVELOPMENT



- 1. S.A.D. FOR DIMENSIONS, ELEVATIONS, SLOPES, AND
- 2. SLAB ON GROUND IS MIN. 5" THICK WITH FIBERMESH REINFORCING OR 6×6-W2.9×W2.9 WWF CENTERED IN SLAB. SLABS SHALL BE PLACED ON VAPOR BARRIER ON MIN. 4" CRUSHED STONE BASE.
- 3. SEE DETAIL 1/6201 FOR TYPICAL SLAB CONSTRUCTION JOINT AND CONTROL JOINT. RECOMMENDED CONTROL JOINT LOCATIONS ARE AS INDICATED ON PLAN.
- 4. SLABS AND FOUNDATIONS SHALL BE PLACED ON COMPACTED SOILS PREPARED AS RECOMMENDED IN THE PROJECT'S REPORT OF GEOTECHNICAL INVESTIGATION.

FOOTING SCHEDULE

REINFORCEMENT

(5) #5 T&B, EACH WAY

MARK DIMENSIONS

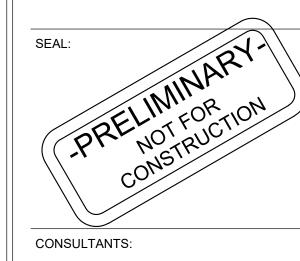
F5 5'-0" SQ x 1'-8" THICK

- 5. INDICATES LOCATION OF 8" CMU WALL W/ #5 VERT. @ 16" OC MAX. REFER TO DETAIL 1 ON SHEET 5202 FOR CMU WALL INFORMATION.
- 6. TOP OF WALL STRIP FOOTINGS AND COLUMN SPREAD FOOTINGS SHALL BE 1'-4" B.F.F., U.N.O. ON PLAN.



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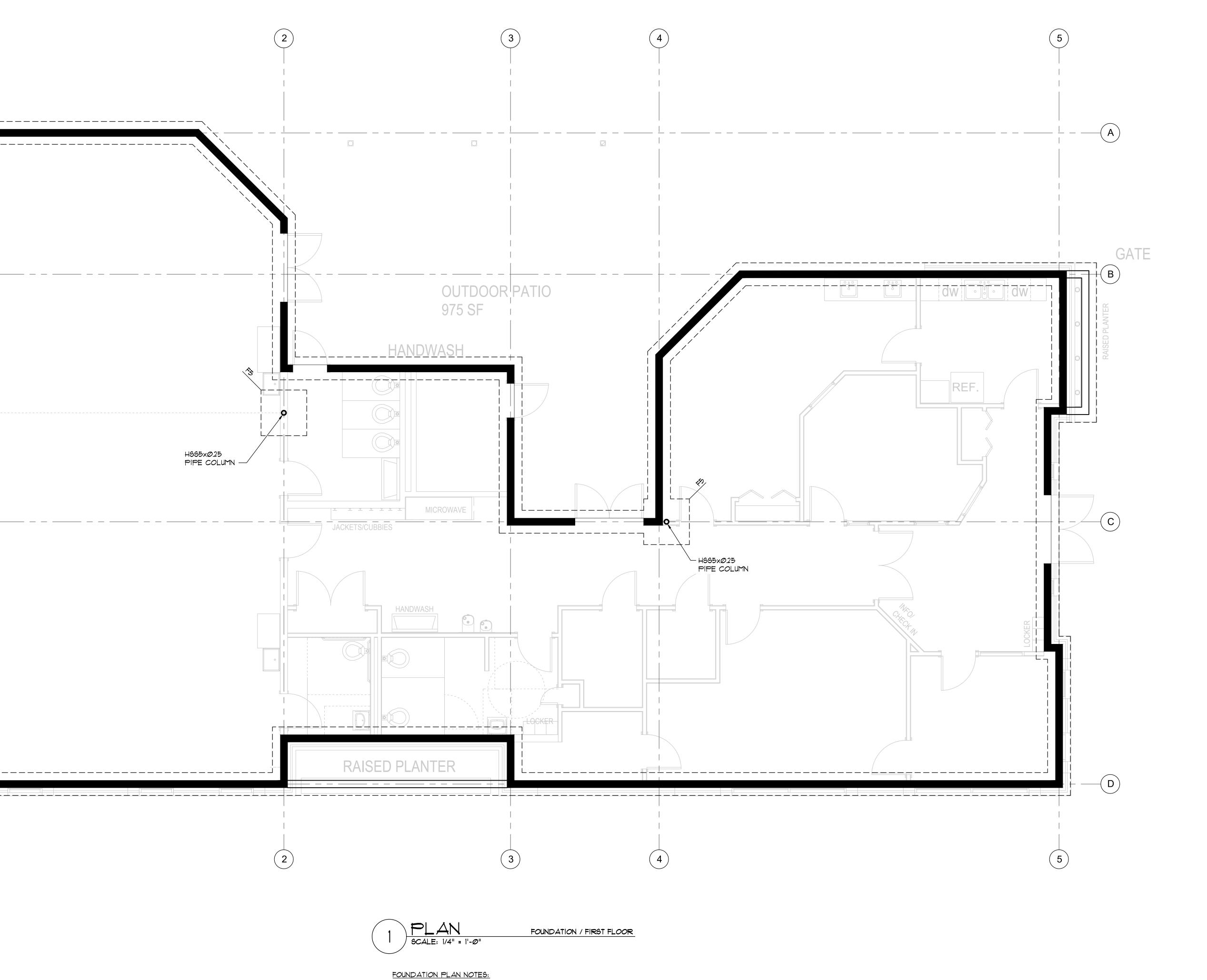
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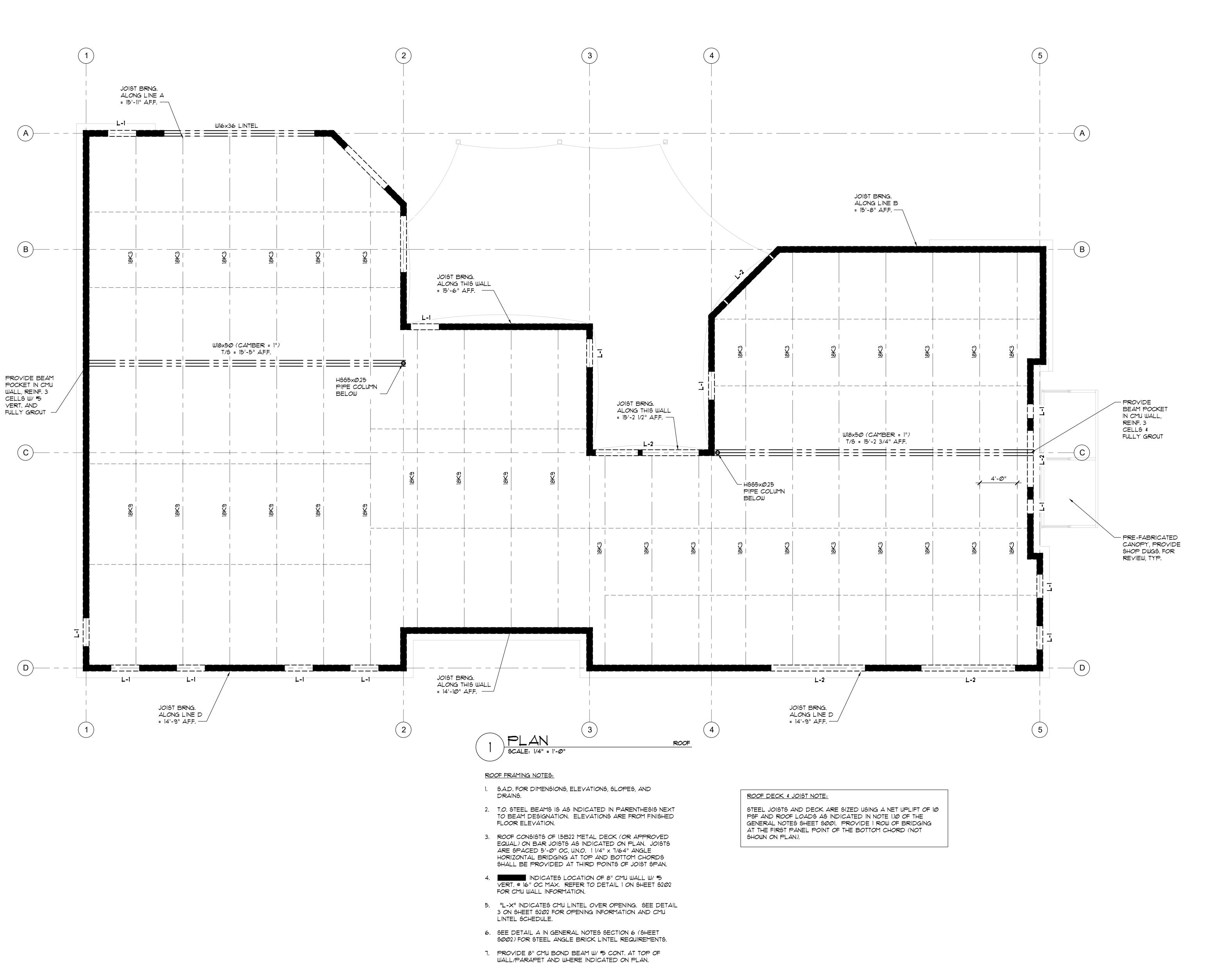
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FIRST FLOOR/ FOUNDATION PLAN

> PLAN NORTH TRUE NORTH DESCRIPTION OF THE NORTH DESCRIPTIO

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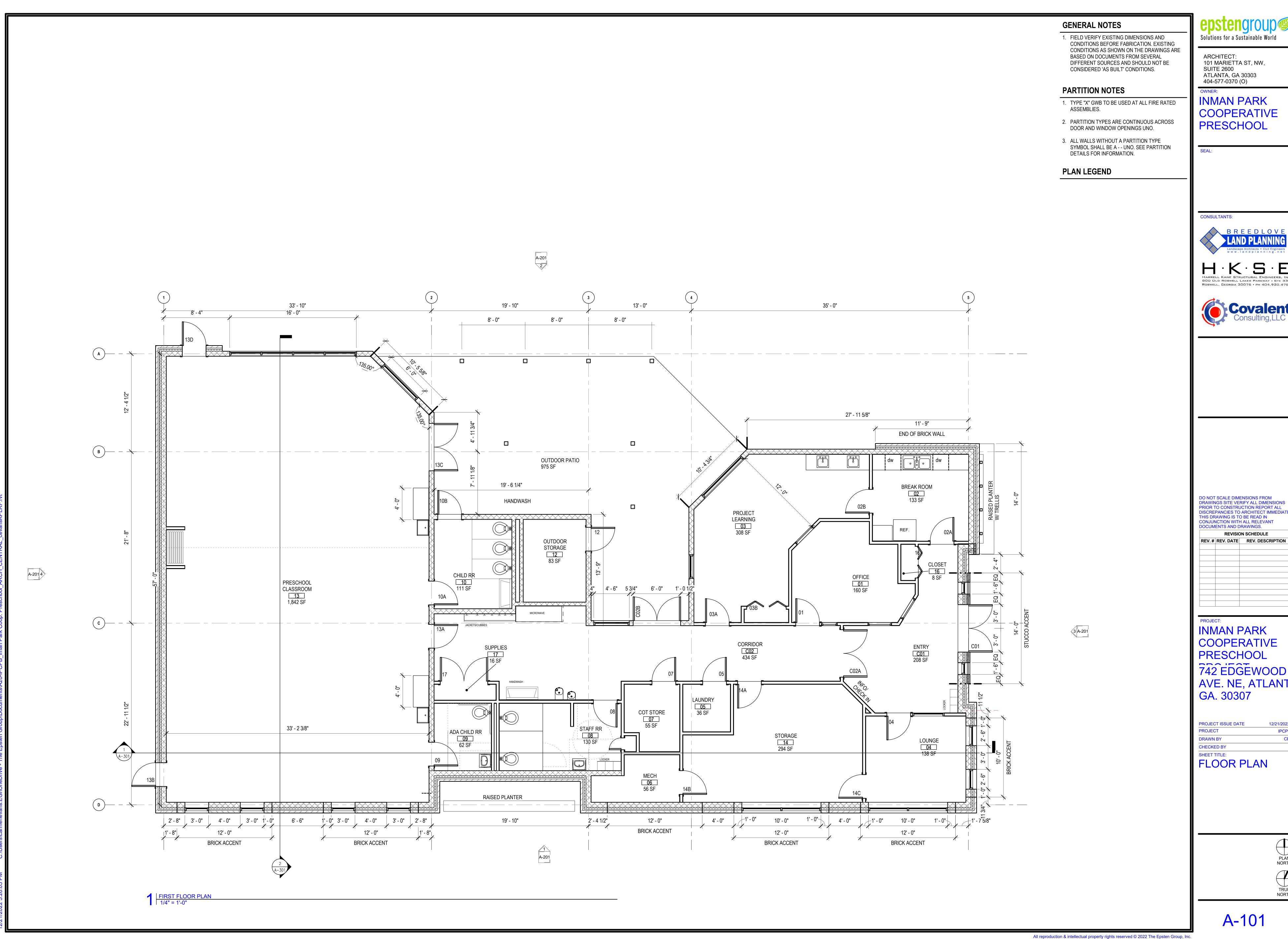
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ROOF PLAN

PLAN NORTH TRUE NORTH

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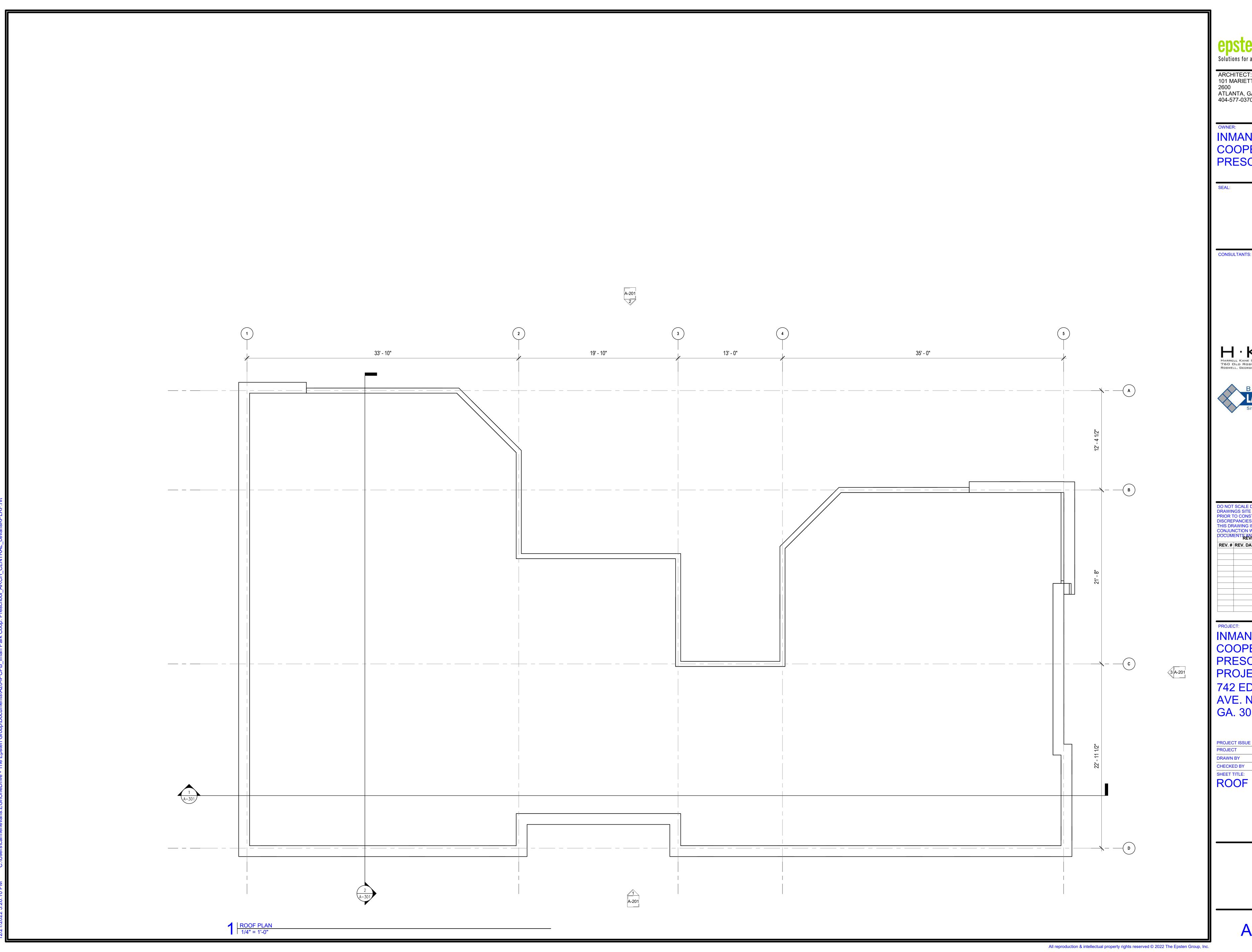
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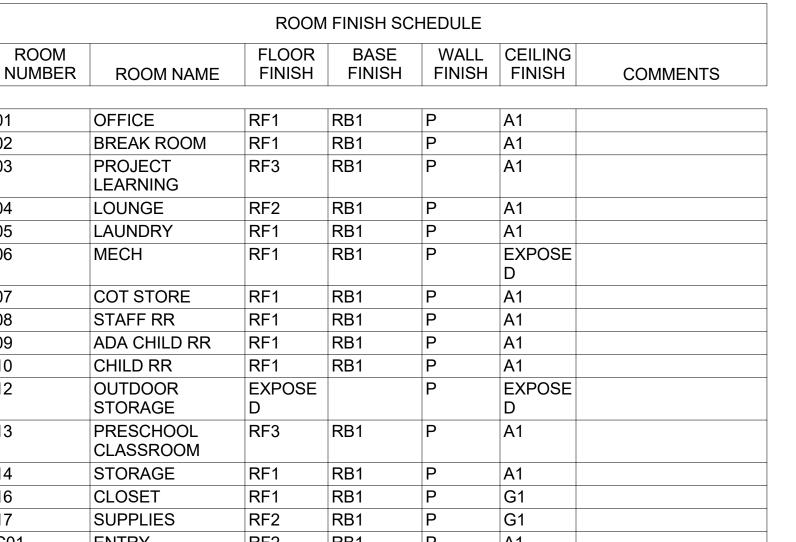
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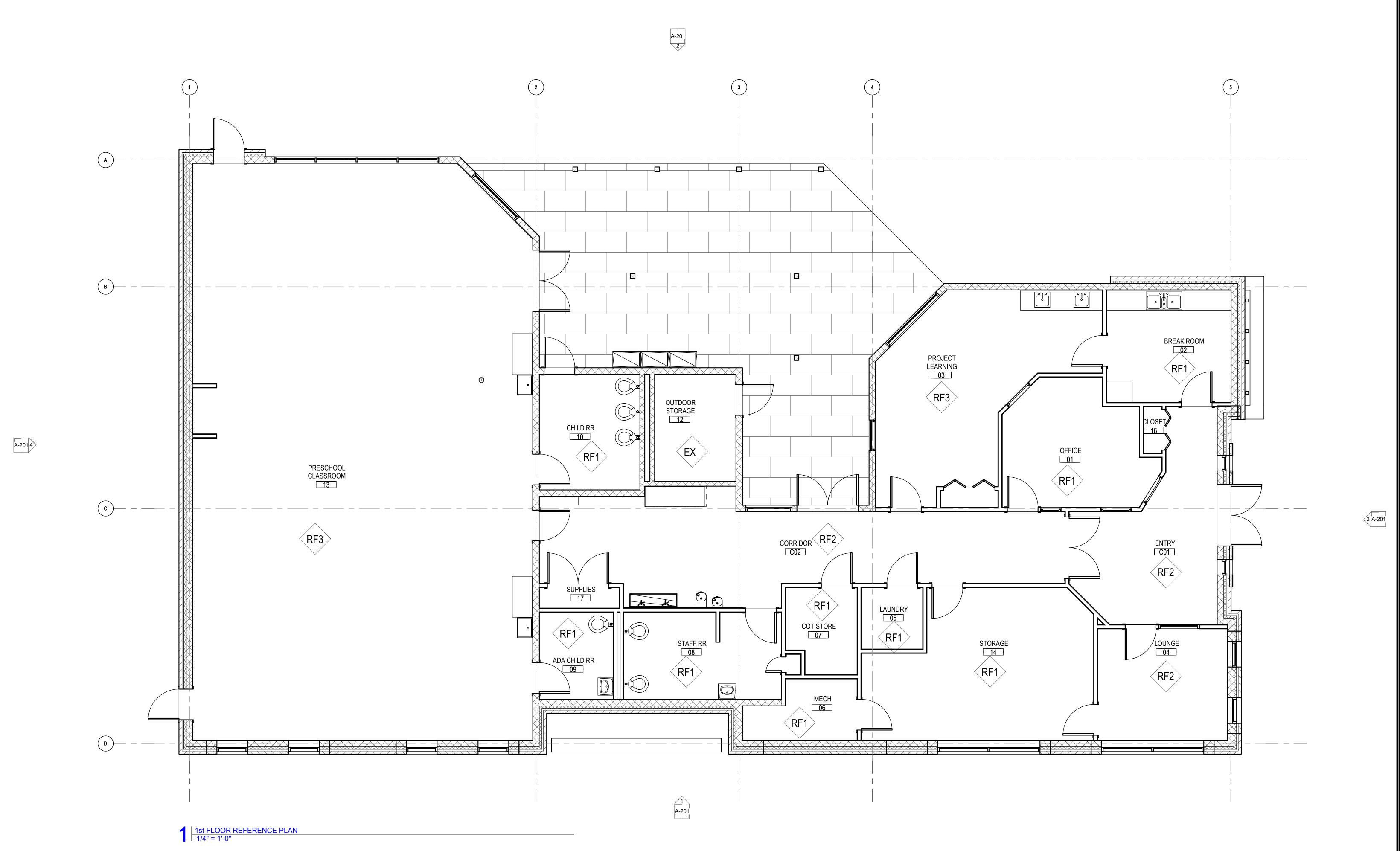
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742 EDGEWOOD
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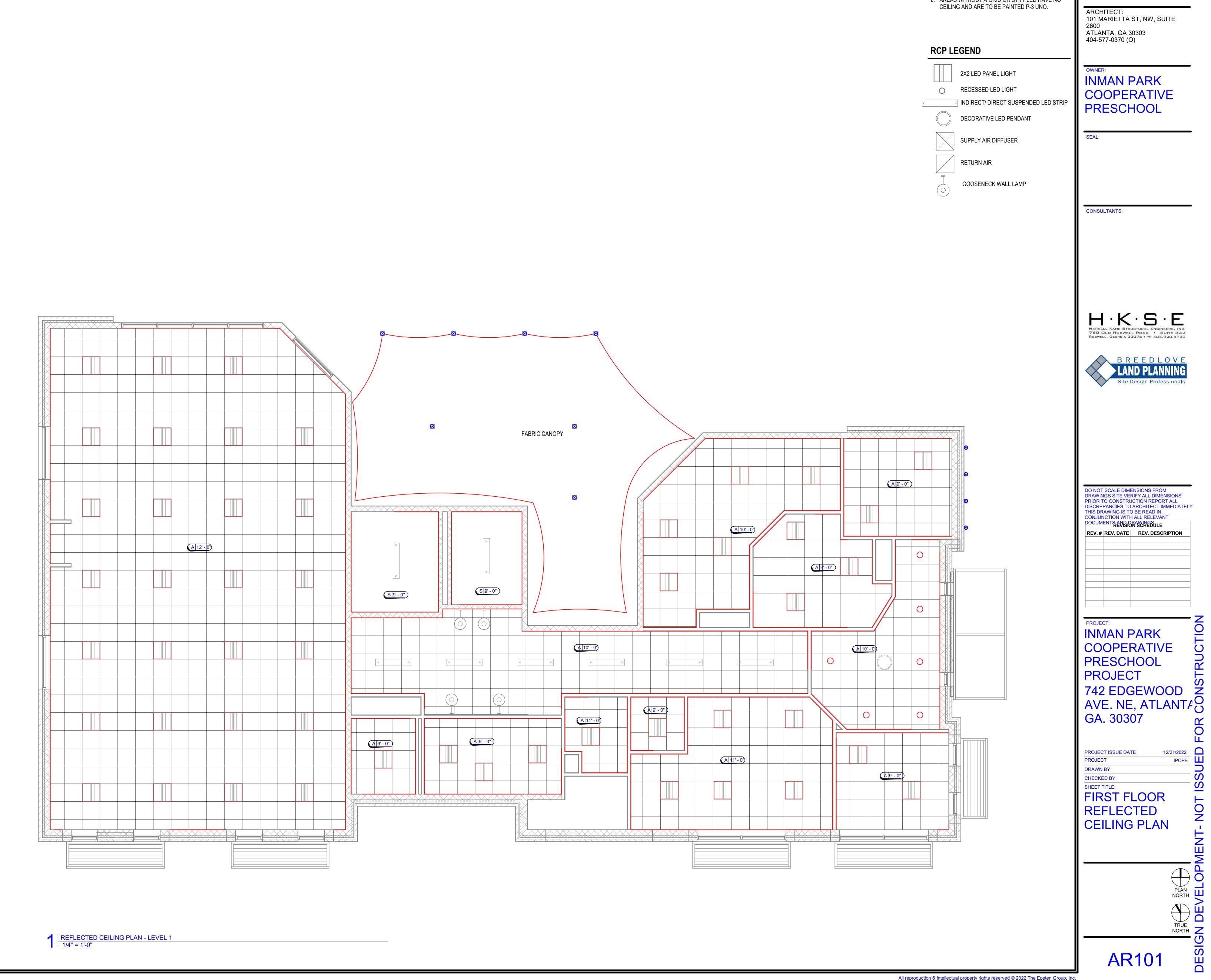
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FIRST FLOOR

FINISH PLAN



RCP NOTES

1. REFER TO ELECTRICAL AND MECHANICAL ENGINEERS DRAWINGS FOR LIGHT FIXTURE SPECIFICATIONS.

2. AREAS WITHOUT A GRID OR STIPPLED HAVE NO CEILING AND ARE TO BE PAINTED P-3 UNO.

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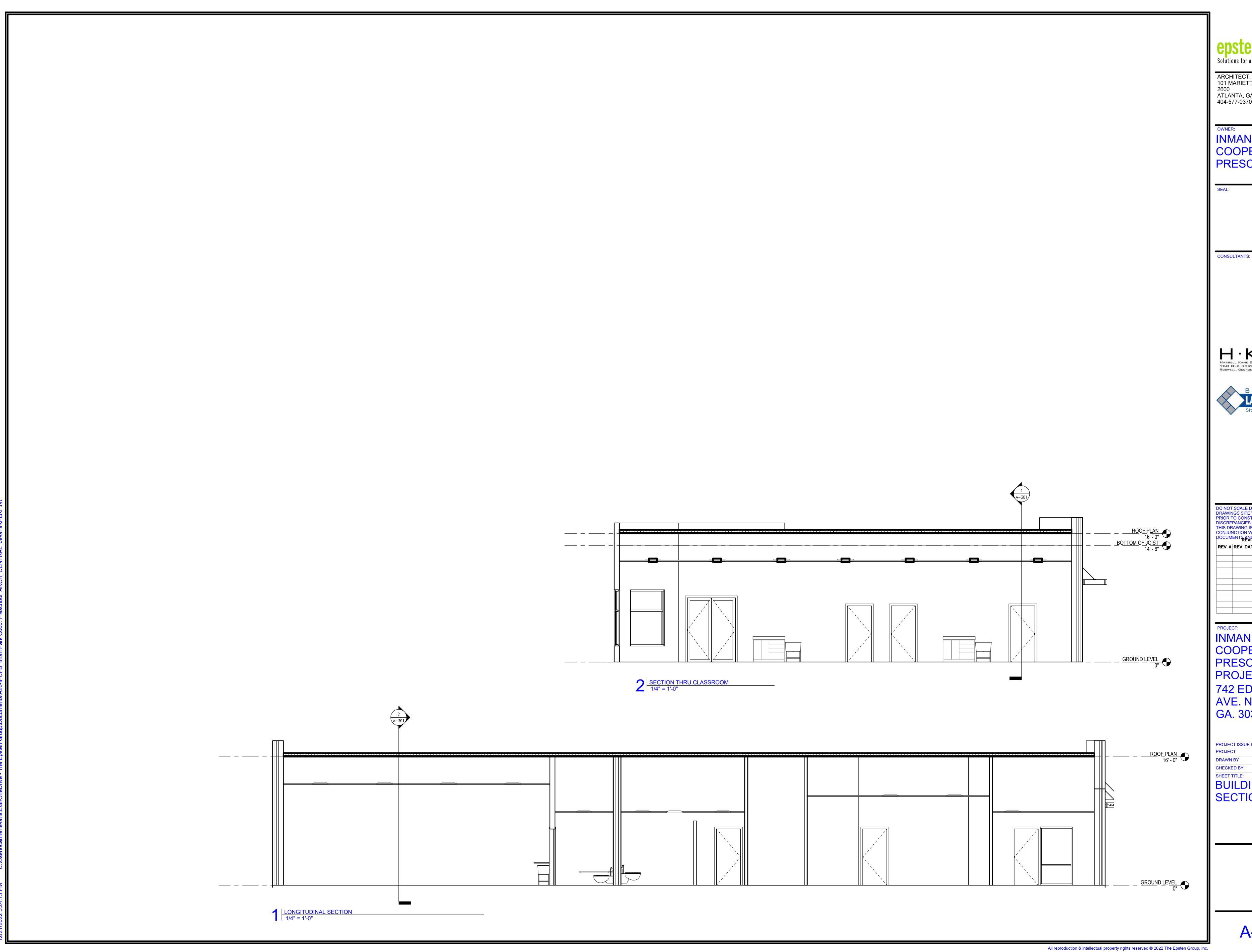
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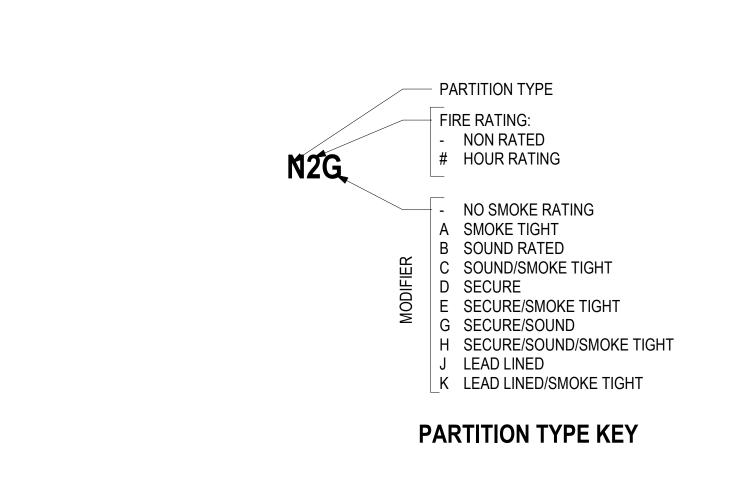


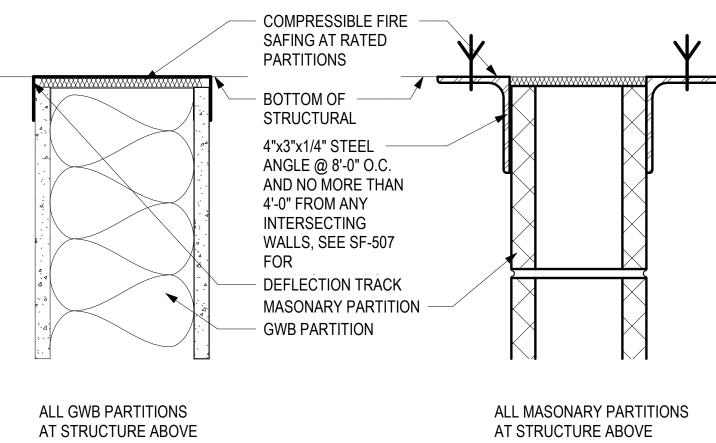
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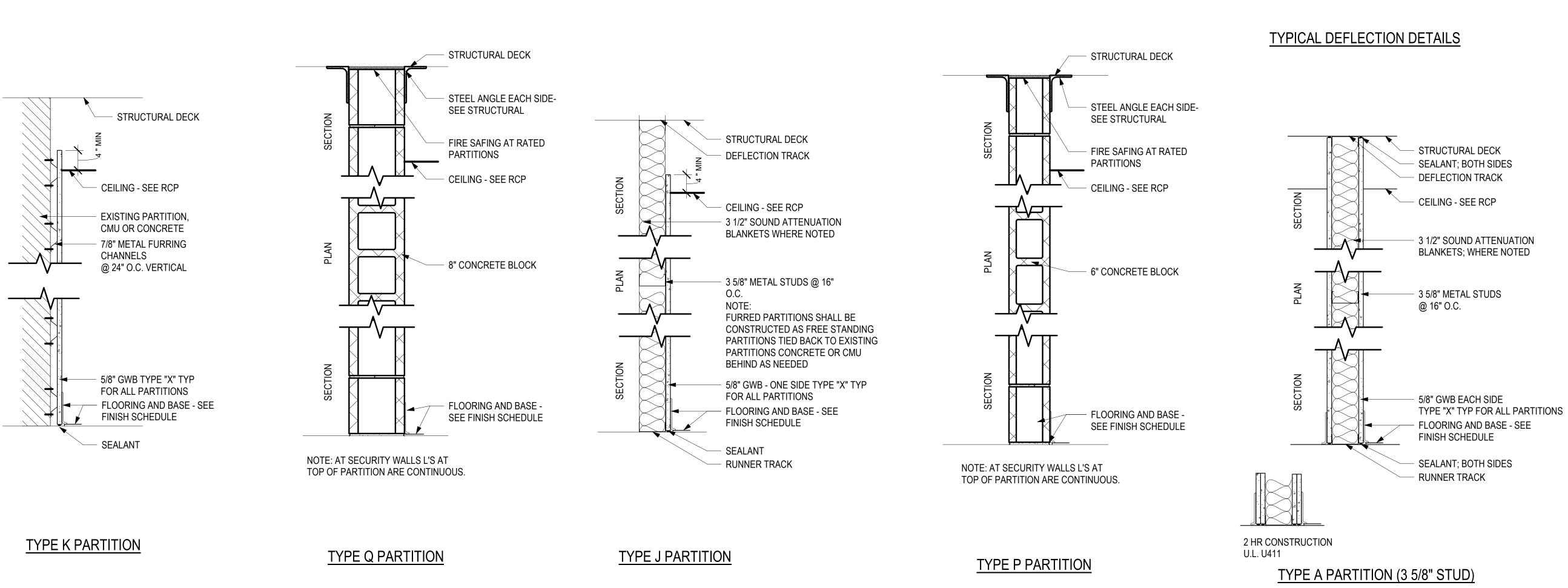
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BUILDING
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CONSULTANTS:

HARRELL KANE STRUCTURAL ENGINEERS, INC.
760 OLD ROSWELL ROAD • SUITE 332
ROSWELL, GEORGIA 30076 • PH 404.920.4780

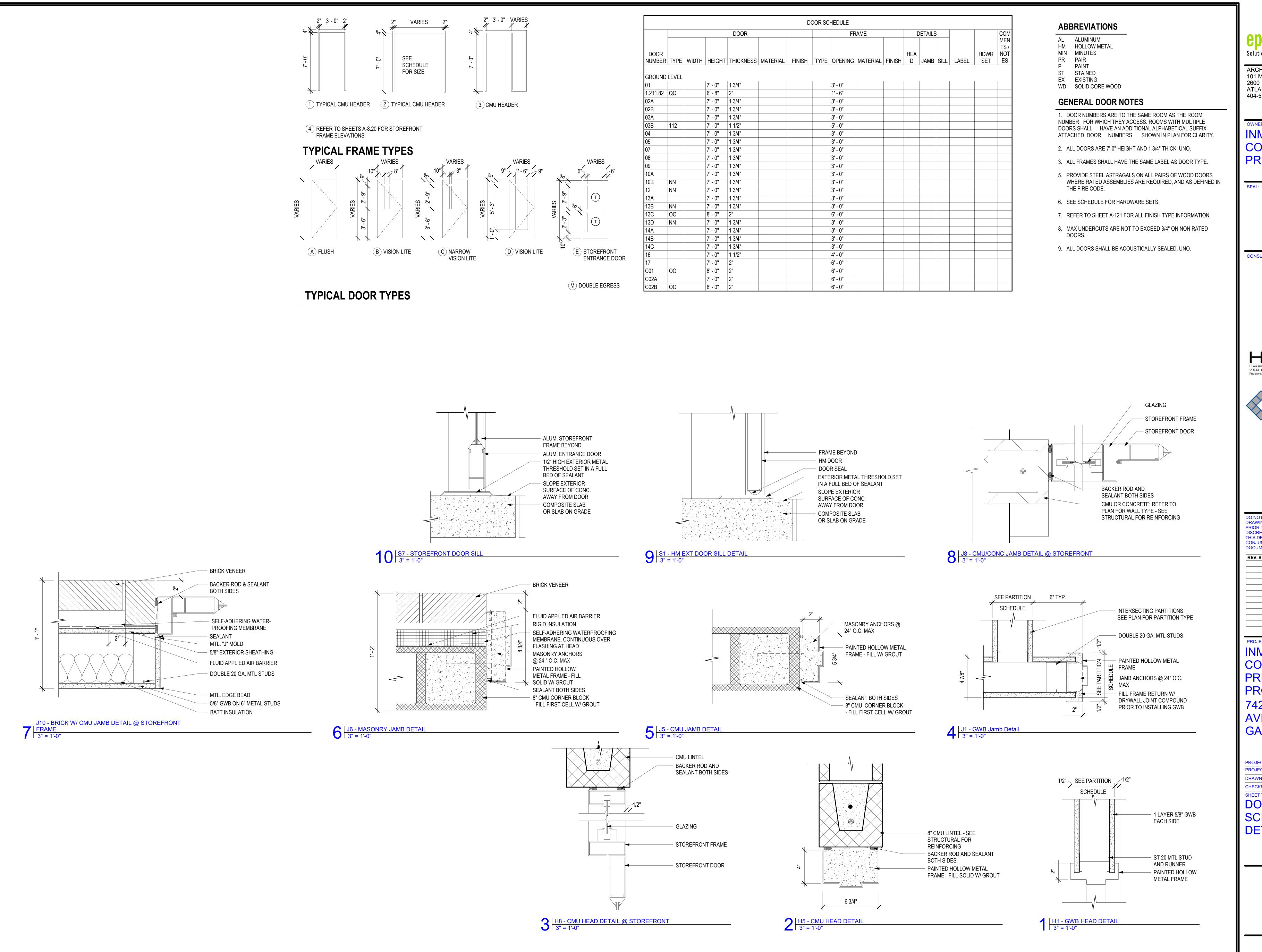


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GA. 30307

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DOOR

SCHEDULE AND

DETAILS

MECHANICAL ABBREVIATIONS ABBREVIATION/DEFINITION ABBREVIATION/DEFINITION IN. WC INCHES WATER COLUMN A/C ABOVE CEILING AFF ABOVE FINISHED FLOOR WALL LOUVER AHU AIR HANDLING UNIT LEAVING AIR TEMPERATURE (*F) CFM CUBIC FEET PER MINUTE MBH 1000 BRITISH THERMAL UNITS PER HOUR CHP MD CHILLED WATER PUMP MANUAL DAMPER CHR MOD CHILLED WATER RETURN MOTOR OPERATED DAMPER CHS MAKE-UP WATER CHILLED WATER SUPPLY l oa OUTSIDE AIR CONNECT TO EXISTING CWP CONDENSER WATER PUMP PRESSURE DROP CONDENSATE DRAIN PRESSURE REDUCING VALVE RETURN AIR DRY BULB TEMPERATURE (°F) EAT ENTERING AIR TEMPERATURE (°F) ROOF HOOD SECURITY BARS EXHAUST FAN ESP EXTERNAL STATIC PRESSURE SMD SMOKE DAMPER FD FIRE DAMPER DUCT MOUNTED STATIC PRESSURE SENSOR HP SPD HEAT PUMP SPLITTER DAMPER HWC HOT WATER COIL VFD VARIABLE FREQUENCY DRIVE HWP HOT WATER PUMP WET BULB TEMPERATURE (*F) HWR HOT WATER RETURN WALL OPENING HWS HOT WATER SUPPLY

MECHANICAL LEGEND

NOTE: THESE ARE STANDARD ABBREVIATIONS, ALL ABBREVIATIONS SHOWN ABOVE MAY NOT APPEAR ON DRAWINGS.

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
		Ū	THERMOSTAT OR TEMERATURE SENSOR
	DUCT	$oldsymbol{\Theta}$	HUMIDISTAT OR HUMIDITY SENSOR
	EXISTING	S	WALL MOUNTED SWITCH
	PIPING		FLEXIBLE DUCTWORK
EQ	EQUIPMENT DESIGNATION	<u> </u>	MANUAL DAMPER
#		>	FIRE DAMPER
A B C	AIR DISTRIBUTION TAG	E===	DUCT WITH LINER
A C	A. TYPE B. SIZE C. CFM		DUCT TRANSITION
#×#	DUCT SIZE - RECTANGULAR (INCHES)		SQUARE TO ROUND DUCT TRANSITION
# " ø	DUCT SIZE - ROUND (INCHES)	SPS	DUCT MOUNTED STATIC PRESSURE SENSOR
\square	DIFFUSER	≡ SD	DUCT MOUNTED SMOKE DETECTOR
			WALL OPENING
	RETURN AIR DISTRIBUTION DEVICE		SECURITY BARS
			WALL LOUVER
	EXHAUST AIR DISTRIBUTION DEVICE	<u>s</u> —	SMOKE DAMPER
	DUCTWORK (POSITIVE PRESSURE)	M	MOTOR OPERATED DAMPER
			SPLITTER DAMPER
	DUCTWORK (NEGATIVE PRESSURE)	-	SUPPLY AIR ARROW
		~~~	RETURN AIR ARROW
•	CONNECT TO EXISTING		
	DUCTWORK - EXISTING TO REMAIN	7////	REMOVE EXISTING DUCTWORK

## MECHANICAL PIPING LEGEND

NOTE: THIS IS A STANDARD LEGEND. ALL ITEMS SHOWN MAY NOT APPEAR ON DRAWINGS.

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
<b>→</b>   <b>—</b>	UNION OR FLANGE	<u> </u>	TEMPERATURE SENSOR
<b>→&gt;</b>	CONCENTRIC REDUCER	<u> </u>	THERMOMETER
4	ECCENTRIC REDUCER	<u> </u>	1/4" GAUGE COCK
	3/4" HOSE END DRAIN VALVE	<u> </u>	RELIEF VALVE
<b>→</b> ⋈ <b>—</b>	SHUT-OFF VALVE (SEE SPECS. FOR TYPE)	<u> </u>	PRESSURE GAUGE AND COCK
ф	BALL VALVE	_ AAV	AUTOMATIC AIR VENT
<b>—</b> [—	BUTTERFLY VALVE	<u></u>	MANUAL AIR VENT
<b>→</b> ><	GLOBE VALVE	<b>─</b>	PUMP
<b>─</b> ₩—	METERED BALANCING VALVE		ALIGNMENT GUIDE
<b>→</b> 🌣 <b>—</b>	BALANCING VALVE (PLUG TYPE)		PIPE ANCHOR
	AUTOMATIC FLOW CONTROL VALVE	—— <u></u>	FLOWMETER
—战—	2-WAY CONTROL VALVE	<u> </u>	THERMOMETER WELL
<b>─</b> ឆ्रे─	3-WAY CONTROL VALVE	<del></del>	STRAINER
<del>-</del>	CHECK VALVE	<del></del>	FLEXIBLE CONNECTOR
<b>─</b> \\$	PRESSURE REDUCING VALVE (WATER)		EXISTING PIPING TO REMAIN
<b>−</b> ⊗−	STEAM TRAP	`#/ <del>#</del> /##/#,	REMOVE EXISTING PIPING

#### **SPECIFICATIONS**

- 1. REFER TO OTHER DRAWINGS AND SPECIFICATIONS. CONTRACTOR SHALL BE RESPONSIBLE FOR APPLICABLE PROVISIONS
- 2. FURNISH AND INSTALL NECESSARY LABOR AND MATERIALS FOR A COMPLETE SYSTEM. ANY APPLIANCES OR MATERIALS OBVIOUSLY A PART OF THE SYSTEM AND NECESSARY FOR ITS PROPER OPERATION, ALTHOUGH NOT SPECIFICALLY MENTIONED HEREIN, SHALL BE FURNISHED AND INSTALLED AS IF CALLED FOR IN DETAIL.
- WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH THE FOLLOWING STATE AND LOCAL CODES: THE INTERNATIONAL BUILDING CODE, 2018 EDITION WITH GEORGIA AMENDMENTS THE INTERNATIONAL MECHANICAL CODE, 2018 EDITION WITH GEORGIA AMENDMENTS THE INTERNATIONAL PLUMBING CODE, 2018 EDITION WITH GEORGIA AMENDMENTS
- THE INTERNATIONAL FUEL GAS CODE, 2018 EDITION WITH GEORGIA AMENDMENTS THE INTERNATIONAL ENERGY CONSERVATION CODE, 2015 EDITION WITH GEORGIA AMENDMENTS
- 4. OBTAIN AND PAY FOR REQUIRED PERMITS AND FEES.
- 5. DRAWINGS ARE GENERALLY DIAGRAMMATIC AND DO NOT NECESSARILY SHOW EVERY FITTING AND DETAIL. INSTALL DUCTS, EQUIPMENT AND CONTROLS IN A NEAT WORKMANLIKE MANNER, AND IN ACCORDANCE WITH GOOD PRACTICE FOR A COMPLETE WORKABLE INSTALLATION. AVOID CONFLICT WITH OTHER WORK; MAKE ADEQUATE PROVISIONS FOR PREVENTING NOISE AND VIBRATION. ARRANGE EQUIPMENT INTO THE AVAILABLE SPACE IN A MANNER TO MAKE WORKING PARTS ACCESSIBLE FOR MAINTENANCE AND SERVICE.
- 6. MATERIALS AND WORKMANSHIP SHALL BE GUARANTEED AGAINST DEFECTS FOR ONE YEAR. PROVIDE ADDITIONAL FOUR-YEAR WARRANTY ON COMPRESSORS.
- 7. PROTECT MATERIALS AND EQUIPMENT FROM DAMAGE DURING CONSTRUCTION.
- 8. EQUIPMENT AND MATERIALS SHALL BE NEW, UNLESS OTHERWISE SPECIFIED.
- 9. CONSTRUCT AIR DUCTS IN ACCORDANCE WITH SMACNA DUCT MANUALS LATEST EDITION. DUCTWORK MATERIALS SHALL BE GALVANIZED SHEET METAL AS MADE BY ARMCO OR EQUAL.
- 10. ELECTRICAL DISCONNECTS AND/OR BREAKERS, POWER WIRING THRU MOTOR CONTROL DEVICES TO MOTORS OR TO JUNCTION BOXES OF FACTORY WIRED EQUIPMENT ARE PROVIDED UNDER THE ELECTRICAL DIVISION OF WORK. MECHANICAL WORK SHALL INCLUDE CONTROL AND INTERLOCK WIRING REQUIRED FOR PROPER OPERATION OF THE SYSTEM. AND SHALL INCLUDE FURNISHING OF MAGNETIC STARTERS OR CONTACTORS WHERE REQUIRED.
- 11. COORDINATE VOLTAGE AND PHASE OF EACH PIECE OF EQUIPMENT WITH ELECTRICAL CONTRACTOR BEFORE ORDERING.
- 12. FOR ROUND DUCT TAKE-OFF FROM RECTANGULAR SHEET METAL DUCTS, USE JER-AIR MODEL S-3, FITTING WITH DAMPER. FOR ROUND DUCT TAKE-OFF FROM ROUND DUCTS, USE JER-AIR MODEL RBD-38, FITTING WITH DAMPER
- 13. FLEXIBLE DUCTWORK SHALL BE GENEFLEX TYPE GSL OR APPROVED EQUAL.
- 14. FLEXIBLE DUCT RUNOUTS TO CEILING DIFFUSERS SHALL BE INSTALLED FREE OF KINKS AND SAGS. BRANCH DUCTWORK SHALL BE SIZED TO MATCH THE INLET OF THE DIFFUSERS SERVED. MAXIMUM LENGTH — 8 FEET.
- 15. COMPLETION AND TESTS SHALL INCLUDE CLEANING AND LUBRICATION OF EQUIPMENT, AND ADJUSTMENTS FOR PROPER OPERATION. ADJUST DAMPERS, REGISTERS AND DIFFUSERS FOR PROPER AIR DISTRIBUTION. CHECK SYSTEM UNDER ACTUAL OPERATING CONDITIONS AND MAKE ADJUSTMENTS FOR A UNIFORM TEMPERATURE THROUGH THE CONDITIONED SPACE.
- 16. LOCATIONS SHOWN FOR EQUIPMENT ARE APPROXIMATE LOCATIONS. CONTRACTOR SHALL COORDINATE WITH THE FIELD CONDITIONS FOR THE EXACT LOCATION AND CONFIGURATION, AND MODIFY DUCT SYSTEM ACCORDINGLY.
- 17. CONTRACTOR SHALL FIELD VERIFY AVAILABLE SPACE FOR DUCTWORK BEFORE FABRICATING. CONTRACTOR SHALL MODIFY DUCTWORK TO FIT AVAILABLE FIELD CONDITIONS. CUTTING OR OTHERWISE ALTERING ANY STRUCTURAL MEMBERS SHALL NOT BE PERMITTED WITHOUT WRITTEN PERMISSION FROM THE ARCHITECT.
- 18. SHEET METAL DUCTWORK SHOWN AS BEING INTERNALLY LINED SHALL BE LINED WITH 1" THICK, 1-1/2 LB/CU.FT. DENSITY DUCT LINER, MANVILLE LINACOUSTIC OR EQUAL.
- 19. INSULATE UNLINED SUPPLY, RETURN, AND OUTSIDE AIR DUCTS WITH U.L. LISTED GLASS FIBER BLANKET NOT LESS THAN 3/4 LB. DENSITY. R-6 INSULATED VALUE. WITH HEAVY ALUMINUM FOIL VAPOR BARRIER JACKET. SECURE WITH ANNEALED STAINLESS STEEL WIRE AT NOT OVER 12" ON CENTER. SEAL JOINTS AND PUNCTURES IN JACKET.
- 20. FOR EXTERIOR DUCTWORK WITH FLANGED CONSTRUCTION, PROVIDE TWO 1-1/2" THICK LAYERS. THE INSIDE LAYER SHALL BE LOCATED BETWEEN FLANGES AND THE OUTSIDE LAYER SHALL BE CONTINUOUS. COVER WITH POLYSHIELD WEATHER PROOF JACKET (OR EQUAL). COLOR SELECTED BY LANDLORD.
- 21. FURNISH TO THE OWNER ONE COPY OF OPERATING INSTRUCTIONS, MANUFACTURER'S PARTS DATA AND SERVICE INSTRUCTIONS.
- 22. PRIOR TO INSTALLATION AND ORDERING, SUBMIT FOR REVIEW IN PDF FORMAT SHOP DRAWINGS ON EQUIPMENT. AIR DISTRIBUTION DEVICES, AND CONTROLS.
- 23. INTERRUPTION OF SERVICE: THE DRAWINGS ARE BELIEVED TO BE A FAIRLY ACCURATE REPRESENTATION OF THE EXISTING WORK. HOWEVER, THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING ON SITE INVESTIGATIONS TO DETERMINE THE ACCURACY OF THE EXISTING CONDITION DRAWINGS. NO ATTEMPT HAS BEEN MADE TO SHOW ON THE DRAWINGS MECHANICAL WORK WHICH IS NOT CONSIDERED TO BE RELEVANT TO THIS PROJECT. IN PERFORMANCE OF THE WORK, IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY EXISTING CONDITIONS AND THE EFFECT THAT THE WORK SHOWN ON THE DRAWINGS WILL HAVE ON THE EXISTING SERVICES. SHOULD THE ACTUAL CONDITIONS BE DIFFERENT FROM THOSE SHOWN ON THE DRAWINGS, THE CONTRACTOR SHALL NOTIFY THE OWNER FOR FURTHER INSTRUCTIONS PRIOR TO THE DISRUPTION OF THE EXISTING SERVICES.
- 24. THE CONTRACTOR SHALL HAVE AN INDEPENDENT A.A.B.C. OR N.E.B.B. CERTIFIED TEST AND BALANCE COMPANY PERFORM AIR AND HYDRONIC BALANCING, AND SUBMIT A TEST AND BALANCE REPORT IN PDF FORMAT. REPORT SHALL BE COMPLETE PRIOR TO ARCHITECTS FINAL PUNCH LIST. REPORTS FROM TEST AND BALANCE COMPANIES THAT ARE NOT CERTIFIED AS STATED HERE WILL NOT BE REVIEWED.
- 25. REFRIGERANT PIPING SHALL BE TYPE ACR REFRIGERATION SERVICE COPPER TUBING WITH BRAZED JOINTS. SUCTION PIPING SHALL BE INSULATED WITH 1/2" FLEXIBLE CELLULAR TYPE, 6 PCF DENSITY MEETING ASTM C 547, MAXIMUM K-VALUE OF 0.28 BTU/IN. PER SQ. FT.. PIPE INSULATION SHALL BE SLID OVER TUBING WITHOUT CUTTING. SEAL ALL SURFACES AND JOINTS WITH ADHESIVE. MANUFACTURERS: ARMAFLEX AP, ARMACELL, OR RUBATEX.
- 26. INDOOR CONDENSATE DRAINS PIPING INSULATION SHALL BE PREFORMED FIBERGLASS, MEETING ASTM C 547, MAXIMUM K-VALUE OF 0.23 BTU/IN. PER SQ. FT.PER "F PER HOUR AT 75" F (24°C) MEAN TEMPERATURE, AND WHITE KRAFT PAPER JACKET WITH SELF-SEALING LONGITUDINAL LAP. INSULATION FOR COLD PIPES SHALL ALSO INCLUDE A VAPOR BARRIER. FIBERGLASS PIPE INSULATION THICKNESS SHALL BE 1".
- 27. DUCT MOUNTED SMOKE DETECTORS SHALL SHUT DOWN ASSOCIATED AIR HANDLING EQUIPMENT UPON ACTIVATION.
- 28. EQUIPMENT SHALL BE INSTALLED ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS.
- 29. ROOFTOP MOUNTED EQUIPMENT SHALL BE INSTALLED ON 12" HIGH INSULATED ROOF CURB. TOP OF CURB SHALL BE LEVEL.

#### GENERAL NOTES

- 1. COORDINATE WORK WITH OTHER TRADES PRIOR TO INSTALLATION.
- 2. INSTALL SPACE THERMOSTATS AND SENSORS 48" ABOVE FINISHED FLOOR.
- 3. DUCT SIZES SHOWN ARE INSIDE CLEAR DIMENSIONS.
- 4. PROVIDE DUCT ACCESS DOORS FOR ACCESS TO FIRE DAMPERS. DUCT MOUNTED SMOKE DETECTORS, AND CONTROL DEVICES. PROVIDE CEILING ACCESS DOORS DIRECTLY BELOW DUCT ACCESS DOORS WHERE DEVICES ARE LOCATED ABOVE INACCESSIBLE CEILINGS.
- 5. CEILING DIFFUSERS SHALL BE 4-WAY BLOW UNLESS NOTED OTHERWISE.
- 6. SEE ARCHITECTURAL DRAWINGS FOR EXACT SIZES AND LOCATIONS OF LOUVERS.
- 7. BLANK-OFF UNUSED LOUVERS WITH 2" 3 PCF RIGID BOARD FIBERGLASS ATTACHED TO 18 GAUGE GALVANIZED STEEL OUTER PANEL AND 22 GAUGE GALVANIZED STEEL INNER PANEL. BOLT AND SEAL TO LOUVER MULLIONS.
- 8. PROVIDE PREFABRICATED INSULATED CURBS FOR ROOF DUCT PENETRATIONS.
- CONDENSATE FROM AHU SHALL BE TRAPPED AND ROUTED TO OUTDOORS. CONDENSATE PIPING SHALL BE SCHEDULE 40 PVC. TERMINATE DRAIN LINE AT EXISTING FLOOR DRAIN OR AT NEW EXTERIOR FRENCH DRAIN.
- 10. INSTALL SECURITY BARS IN ROOF PENETRATIONS.
- 11. INSTALL SECURITY BARS IN SECURITY WALL PENETRATIONS WHERE BOTH DIMENSIONS OF PENETRATION EXCEED 6". SECURITY BARS ARE REQUIRED WHETHER SECURITY BARS ARE SHOWN ON THE PLANS OR NOT. SEE ARCHITECTURAL DRAWINGS FOR LOCATIONS OF SECURITY WALLS.
- 12. SECURITY WALL PENETRATIONS WHERE DUCTS HAVE A DIMENSION OF 6" OR SMALLER SHALL BE THE SAME SIZE AS THE DUCT. INSULATION SHALL NOT CONTINUE THROUGH THE WALL, BUT SHALL TERMINATE ON EACH SIDE OF THE WALL.

	AIR DISTRIBUTION DEVICE											
MARK	BASIS OF	DESCRIPTION	NOTES									
	DESIGN											
	(MAKE & MODEL)											
Α	TITUS	DIFFUSER, PLAQUE FACE	1, 2									
	OMNI	24x24 FACE, LAY IN										
В	TITUS	DIFFUSER, PLAQUE FACE	1, 2									
	OMNI	12x12 FACE, SURFACE										
R	TITUS	EGGCRATE	2									
	50F	GRILLE										
NOTES:												
4 0001/	DE MUTULDAL ANOINO E	AMDED										

1. PROVIDE WITH BALANCING DAMPER

2. OR EQUAL: METALAIRE, KRUEGER, OR PRICE.

	FANS													
MARK	TYPE	CFM	ESP	MOTOR H.P.	DRIVE	MAX	BASIS OF DESIGN	REMARKS						
			(IN WC)	OR		NOISE								
				[WATTS]		(SONES)								
EF-1	CEILING MOUNTED	210	0.5	[39]	DIRECT, VARIABLE	10	GREENHECK SP-A390-VG	1						
EF-2	CEILING MOUNTED	140	0.25	[39]	DIRECT, VARIABLE	10	GREENHECK SP-A390-VG	1						
EF-3	CEILING MOUNTED	70	0.25	[6]	DIRECT, VARIABLE	10	GREENHECK SP-A50-90-VG	1						

<u>REMARKS:</u>

1. PROVIDE SPEED CONTROLLER, BACK-DRAFT DAMPER & WALL CAP

							P	AC	KAGE	RO	OFTOP	UNITS	}						
MARK	TYPE			FAN			C	OOLING	G		REVERSE	HEATING C	CLE	AUXILIARY	VOLT/	BASIS OF D	ESIGN		REMARKS
		CFM	O.A.	ESP	MAX	NOMINAL	EAT	EAT	AMB. AIR	MIN.	EAT AMB A	R TOTAL	MIN.	HEATING	PHASE	MAKE	MIN.	MAX.	
			CFM	(IN W.C.)	MOTOR	CAPACITY	DB	WB	TEMP DB	ARI	(°F) TEMF	(BTU/HR)	COP	(KW)		AND	CIRCUIT	FUSE	
					HP	(TONS)	(°F)	(°F)	(°F)	SEER	(°F)					MODEL	AMP.	AMP.	
RTU-1	HEAT PUMP	1230	185	0.5	0.75	3	80	67	95	14.0	17	21000	2.5	0	208 / 3	DAIKIN DBH0363	19.7	30	1
RTU-2	HEAT PUMP	1230	185	0.5	0.75	3	80	67	95	14.0	17	21000	2.5	0	208 / 3	DAIKIN DBH0363	19.7	30	1
RTU-3	HEAT PUMP	1570	360	0.5	1	4	80	67	95	14.0	17	25000	2.5	0	208 / 3	DAIKIN DBH0483	24.7	35	1, 2
RTU-4	HEAT PUMP	1570	360	0.5	1	4	80	67	95	14.0	17	25000	2.5	0	208 / 3	DAIKIN DBH0483	24.7	35	1, 2

- 1. OR EQUAL, SUBJECT TO MEETING FEATURES INCLUDED BY BASIS OF DESIGN MODELS: CARRIER, TRANE, JCI/YORK.
- 2. WITH CO2 SENSOR AND MOTORIZED OUTSIDE AIR DAMPER TO PROVIDE INTEGRAL DEMAND CONTROL VENTILATION SEQUENCE.

Solutions for a Sustainable W

ARCHITECT: 101 MARIETTA ST, NW, **SUITE 2600** ATLANTA, GA 30303 404-577-0370 (O)

**INMAN PARK** COOPERATIVE **PRESCHOOL** 

SEAL:

CONSULTANTS:



800 OLD ROSWELL LAKES PARKWAY . STE 330 Roswell, Georgia 30076 • PH 404.920.4780



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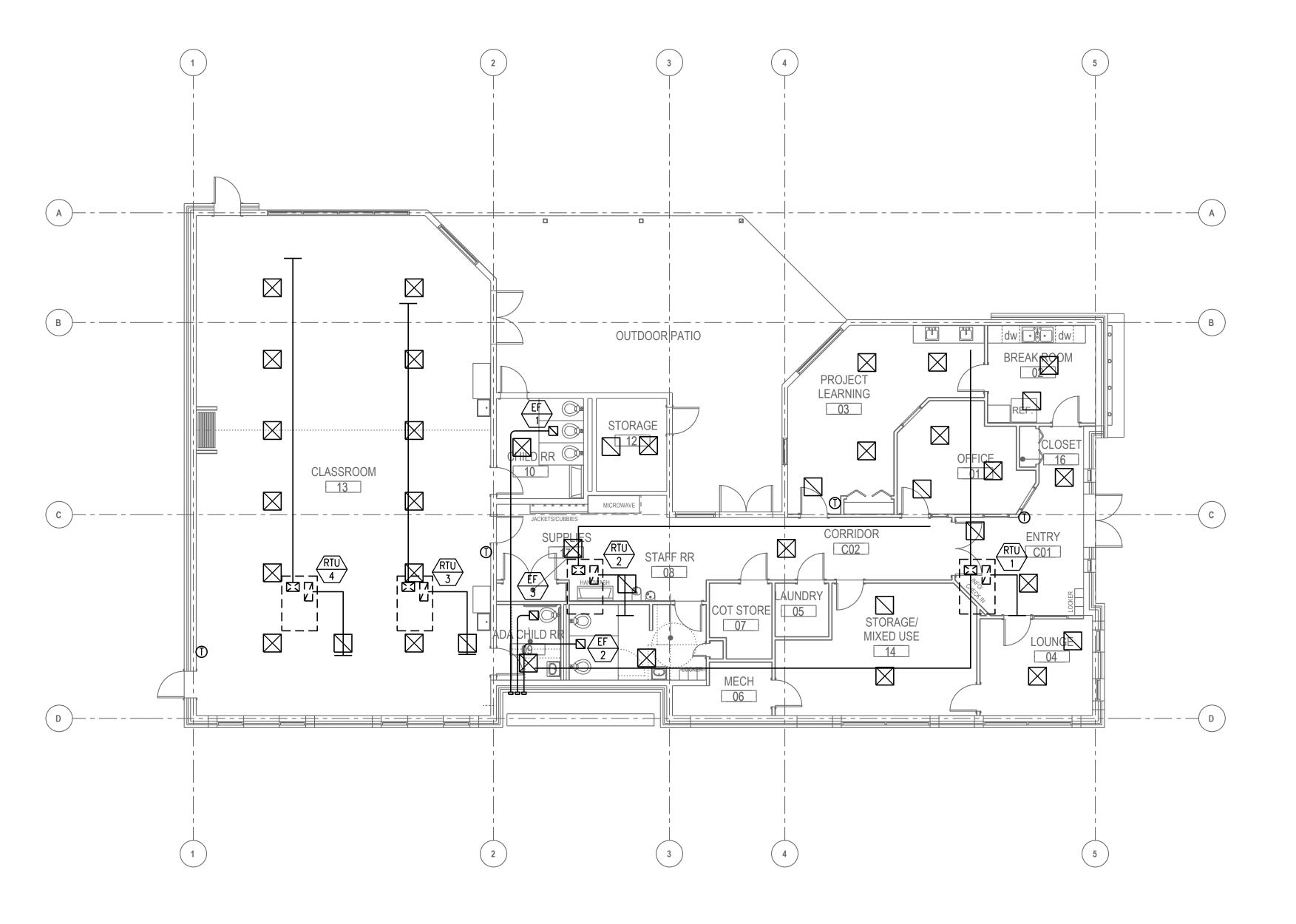
DOCUMENTS AND DRAWINGS. REVISION SCHEDULE REV. # REV. DATE REV. DESCRIPTION ____

PROJECT: INMAN PARK COOPERATIVE **PRESCHOOL** 742 EDGEWOOD AVE. NE, ATLANTA

12/21/2022 PROJECT ISSUE DATE IPCPB PROJECT CE W DRAWN BY CHECKED BY SHEET TITLE:

**MECHANICAL** LEGEND AND SPECIFICATIONS L

GA. 30307



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



ARCHITECT: 101 MARIETTA ST, NW, SUITE 2600 ATLANTA, GA 30303 404-577-0370 (O)

INMAN PARK COOPERATIVE PRESCHOOL

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CONSULTANTS:







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CONJUNCTION WITH ALL RELEVANT
DOCUMENTS AND DRAWINGS.

DOCUMENTS AND DRAWINGS.

REVISION SCHEDULE

REV. # REV. DATE REV. DESCRIPTION

INMAN PARK
COOPERATIVE
PRESCHOOL
742 FDGFWOOI

742 EDGEWOOD S AVE. NE, ATLANTA GA. 30307

PROJECT ISSUE DATE

PROJECT

DRAWN BY

CHECKED BY

SHEET TITLE:

MECHANICAL

MECHANICAL FLOOR PLAN

> PLAN NORTH TRUE NORTH

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	PLUMBING ABBREVIATIONS								
	ABBREVIATION/DEFINITION	ABBREVIATION/DEFINITION							
A/C	ABOVE CEILING	G	NATURAL GAS						
AD	AREA DRAIN	GEN	GENERAL						
AFF	ABOVE FINISHED FLOOR	НВ	HOSE BIBB						
AFG	ABOVE FINISHED GRADE	HD	HUB DRAIN (OPEN PIPE HUB)						
AV	ACID VENT	HCWH	HOT & COLD WATER HYDRANT						
B/F	BELOW FLOOR	NFWH	NON-FREEZE WALL HYDRANT						
B/G	BELOW GRADE	HWR	HOT WATER RETURN						
BLDG	BUILDING	HW	HOT WATER						
СО	CLEANOUT	ΙE	INVERT ELEVATION						
CONT	CONTINUATION	LP	LIQUIFIED PETROLEUM GAS (PROPANE)						
CONTR	CONTRACTOR	NIC	NOT IN CONTRACT						
CW	COLD WATER	OXY	MEDICAL OXYGEN						
D	DRAIN	PLBG	PLUMBING						
DN	DOWN	PRV	PRESSURE REDUCING VALVE						
DT	EMERGENCY ROOF DRAIN TERMINATION (COW'S TONGUE)	PVC	POLYVINYL CHLORIDE						
DWGS	DRAWINGS	RD	ROOF DRAIN						
ERD	EMERGENCY ROOF DRAIN (SECONDARY)	S	SANITARY						
EWC	ELEC. WATER COOLER	SD	STORM DRAIN						
FCO	FLOOR CLEANOUT	STR	STRAINER						
FLR	FLOOR	٧	SANITARY VENT						
FD	FLOOR DRAIN	TP	TRAP PRIMER						
FFE	FINISHED FLOOR ELEVATION	VTR	VENT THROUGH ROOF						
GCO	GRADE CLEANOUT	w	WASTE						
FF	FINISHED FLOOR	W/	WITH						
		wco	WALL CLEANOUT						

#### NOTE: THESE ARE STANDARD ABBREVIATIONS, ALL ABBREVIATIONS SHOWN ABOVE MAY NOT APPEAR ON DRAWINGS.

#### PLUMBING LEGEND

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
-s	SANITARY SEWER	œ <u></u>	TRAP
- w	WASTE	⊩——	CLEANOUT
—GW— —	GREASE WASTE		VALVE IN CAST IRON BOX W/ CONC. PAD
-SD	STORM DRAIN	<b>•</b> ——	FLOOR CLEANOUT
	SANITARY VENT	<b>D</b> C	FLOOR SINK W/ HALF GRATE
	BELOW GRADE PIPING	<b>E</b> C	FLOOR SINK W/ FULL GRATE
	ABOVE GRADE PIPING	<b>©</b> G	FLOOR DRAIN
	DOMESTIC COLD WATER SUPPLY	œ———	HUB DRAIN OR OPEN SITE DRAIN
	DOMESTIC HOT WATER SUPPLY (110°F)	0+	HOSE BIBB
	DOMESTIC HOT WATER RETURN (110°F)	<b>→ }</b>	WALL HYDRANT (NFWH & HCWH)
—G——	NATURAL OR LP GAS	₽	FLOW SWITCH
	RISER DOWN (ELBOW)		STRAINER
	RISER UP (ELBOW)	——  ——	UNION
0	RISE OR DROP	<del></del>	CAP ON END OF PIPE
<del>-</del>	BRANCH - BOTTOM CONNECTION		BREAK
_Ь	BRANCH - TOP CONNECTION	<del>,</del> <del>,</del> <del>,</del> <del>,</del> <del>,</del>	PLUGGED TEE
	BRANCH - SIDE CONNECTION	<u> </u>	THERMOMETER
₩	VALVE IN RISE	으 오	PRESSURE GAUGE WITH GAUGE COCK
<u></u> Z	ANGLE VALVE	•	CONNECT TO EXISTING
<b>H</b>	BALANCING VALVE		FLOW - IN DIRECTION OF ARROW
<b>─</b> ₩	STOP VALVE	ď	THERMOSTATIC MIXING VALVE
<del></del>	CHECK VALVE	<b>+</b> ₩□₩	BACKFLOW PREVENTER W/ STRAINER
<del>-</del> >>	SHUT-OFF VALVE	<del></del>	GAS SHUT-OFF VALVE
<b>—</b>	GLOBE VALVE	a <del>L</del> p	GAS REGULATOR
-№	MOTOR OPERATED VALVE	<u> </u>	FLUSH GRADE CLEANOUT W/CONC. PAD
-\times_	PRESSURE REDUCING VALVE	<b>©</b>	ROOF DRAIN
	SOLENOID OPERATED VALVE	M	METER
		R R	TEMPERATURE & PRESSURE RELIEF VALVE
EQ #	EQUIPMENT DESIGNATION	RISER	PLUMBING RISER DESIGNATION
	EXISTING PIPING TO REMAIN	+1+1+++,	REMOVE EXISTING PIPING

#### PLUMBING SPECIFICATIONS:

GENERAL REQUIREMENTS:
THE PLANS ACCOMPANYING THESE SPECIFICATIONS ARE GENERALLY DIAGRAMMATIC AND DO NOT SHOW ALL DETAILS REQUIRED FOR THE COMPLETE WORK. ESTABLISH DETAILS OF THE WORK AS NECESSARY TO PROVIDE FOR THE COMPLETE INSTALLATION OF SYSTEMS AND MATERIALS.

COORDINATE THE WORK TO AVOID CONFLICTS WITH ITEMS SUCH AS HVAC, BEAMS, FIRE BARRIERS, CEILING DEVICES CEILING TYPES AND HEIGHTS, SLAB OR WALL THICKNESS, CABINET HEIGHTS, OR DOOR SWINGS. DO NOT SCALE THE PLANS FOR DIMENSIONS. VERIFY DIMENSIONS BEFORE STARTING WORK AND REPORT ANY DISCREPANCY OR INTERFERENCE TO THE OWNER FOR CLARIFICATION.

- ALL PLUMBING WORK SHALL BE IN ACCORDANCE WITH THE FOLLOWING CODES AND AGENCIES:
- THE INTERNATIONAL PLUMBING CODE, 2018 EDITION WITH GEORGIA AMENDMENTS. THE INTERNATIONAL FUEL GAS CODE, 2018 EDITION WITH GEORGIA AMENDMENTS.
- THE INTERNATIONAL MECHANICAL CODE, 2018 EDITION WITH GEORGIA AMENDMENTS. THE INTERNATIONAL BUILDING CODE, 2018 EDITION WITH GEORGIA AMENDMENTS.
- THE INTERNATIONAL ENERGY CONSERVATION CODE, 2015 EDITION WITH GEORGIA AMENDMENTS.

UNLESS OTHERWISE SPECIFIED, INDOOR INSULATION, ADHESIVES AND TAPES SHALL HAVE A FLAME SPREAD RATING NO HIGHER THAN 75 AND A SMOKE DEVELOPED RATING NO HIGHER THAN 150. THE OUTSIDE SURFACE OF INSULATION SYSTEMS WHICH ARE LOCATED IN AIR PLENUMS, IN CEILING SPACES, AND IN ATTIC SPACES SHALL HAVE A FLAME SPREAD RATING NO HIGHER THAN 25 AND A SMOKE DEVELOPED RATING NO HIGHER THAN 50.

INSULATION SHALL BE CERTAINTEED, KNAUF, SCHULLER, OR OWENS-CORNING. INSULATION PROTECTION FOR PIPING EXPOSED TO WEATHER OUTSIDE THE BUILDING SHALL BE CORRUGATED ALUMINUM 0.016" (0.4 MM) THICK FOR STRAIGHT PIPING AND 0.024" (0.9 MM) THICK FOR PIPING FITTINGS.

#### FIBERGLASS PIPE INSULATION

INSULATION SHALL BE PREFORMED FIBERGLASS, MEETING ASTM C 547, MAXIMUM K-VALUE OF 0.23 BTU/IN PER SQ. FT. PER 'F MEAN TEMPERATURE. AND WHITE KRAFT PAPER JACKET WITH SELF-SEALING LONGITUDINAL LAP. INSULATION SHALL INCLUDE VAPOR INSULATE DOMESTIC COLD WATER (1/2" THICK), RAINLEADER CONNECTIONS TO ROOF DRAINS EXPOSED IN FINISHED SPACES (2" THICK), WASTE PIPE RECEIVING CONDENSATE, DOMESTIC HOT WATER (3/4) THRU 1 1/2" DIA. =1", 1-1/2" AND UP = 1 1/2"). AND HOT WATER RETURN (1").

#### **INSULATION INSTALLATION**

PIPE INSULATION SHALL BE OMITTED FROM PIPE USED SOLELY FOR FIRE PROTECTION, AIR CHAMBERS, TRAP PRIMERS, UNIONS, STRAINERS, CHECKVALVES, UNDERGROUND DOMESTIC COLD WATER PIPING, VERTICAL PORTIONS OF INTERIOR ROOF DRAINS, CHROME PLATED PLUMBING PIPING, AND SANITARY DRAIN LINES. SEAL VAPOR BARRIER JOINTS BREAKS, AND PUNCTURES WITH

PIPE AND FITTINGS:

WATER DISTRIBUTION PIPING BELOW GROUND: PIPING: SOFT COPPER TUBE, ASTM B 88. TYPE K.

FITTINGS: CAST COPPER ALLOY, SOLDER JOINT PRESSURE FITTINGS WITH ALLOY SN95 SOLDER, ASME B16.18.

#### WATER DISTRIBUTION PIPING ABOVE GROUND:

PIPING: HARD COPPER TUBE, ASTM B 88, TYPE L. FITTINGS: WROUGHT-COPPER OR CAST COPPER ALLOY PRESSURE FITTINGS: AND SOLDERD-JOINT WITH ALLOY SN95 SOLDER, ASME B16.22. COPPER UNIONS: ASME B16.18, CAST-COPPER-ALLOY BODY, HEXAGONAL STOCK, WITH BALL-AND-SOCKET JOINT, METAL-TO-METAL SEATING SURFACES, AND SOLDER-JOINT, THREADED, OR SOLDER-JOINT AND THREADED ENDS. THREADED ENDS: THREADS CONFORMING TO ASME B1.20.1. BRONZE FLANGES: ASME B16.24, CLASSES 150 AND 300;

#### WATER DISTRIBUTION PIPING BELOW THE FLOOR:

PIPING: SOFT DRAWN COPPER TUBING WITH NO JOINTS, ASTM B 88, TYPE L. PROVIDE PROTECTIVE COVERING.

#### SOIL, WASTE, AND VENT PIPING BELOW GROUND:

PIPING: HUB-AND-SPIGOT CAST-IRON SOIL PIPE, ASTM A 74. FITTINGS: HUB-AND-SPIGOT CAST-IRON SOIL PIPE FITTINGS, ASTM C 564 NEOPRENE RUBBER GASKETS, LUBRICANT, AND COMPRESSION JOINTS, ASTM A 74, SERVICE CLASS.

#### SOIL, WASTE, AND VENT PIPING ABOVE GROUND:

PIPING: HUBLESS CAST-IRON SOIL PIPE, CISPI 301. FITTINGS: HUBLESS CAST-IRON SOIL PIPE FITTINGS; STAINLESS-STEEL, OR CAST-IRON COUPLINGS FOR HUBLESS CAST-IRON SOIL PIPE AND FITTINGS; AND HUBLESS JOINTS, WITH ASTM C 564 NEOPRENE SEALING SLEEVE, WITH STAINLESS-STEEL CORRUGATED SHIELD-AND-CLAMP ASSEMBLY, CISPI 301. SEALING GASKET: ASTM C 564 NEOPRENE SEALING GASKET, WITH CAST-IRON HOUSING AND STAINLESS STEEL BOLTS.

#### PLASTIC DOMESTIC WATER PIPE:

CPVC PIPE: ASTM F 441/F 441M, SCHEDULE 40 CPVC SOCKET FITTINGS: ASTM F 438 FOR SCHEDULE 40

SOLVENT CEMENTS FOR JOINING CPVC PIPING AND TUBING: ASTM F 493.

## PROVIDE UL APPROVED ASJ INSULATION IF INSTALLED IN A RETURN AIR PLENUM.

PLASTIC DRAINAGE PIPE: PIPING: POLYVINYL CHLORIDE PLASTIC, DWV PIPE, SCHEDULE 40, PLAIN ENDS, ASTM D 2665. FITTINGS: SOCKET-TYPE FITTINGS, DRAIN, WASTE & VENT TYPES, DRAIN PATTERN, ASTM D 2665, MADE TO ASTM D 3311. PROVIDE UL APPROVED ASJ INSULATION IF INSTALLED IN A RETURN AIR PLENUM.

#### BALL VALVES

BALL VALVES, 1 INCH AND SMALLER: RATED FOR 150 PSI SATURATED STEAM PRESSURE, 400 PSI WOG PRESSURE; TWO-PIECE CONSTRUCTION: WITH BRONZE BODY CONFORMING TO ASTM B 62, STANDARD (OR REGULAR) PORT, CHROME-PLATED BRASS BALL, REPLACEABLE "TEFLON" OR "TFE" SEATS AND SEALS, BLOWOUT-PROOF STEM, AND VINYL-COVERED STEEL HANDLE. PROVIDE SOLDER ENDS FOR DOMESTIC HOT AND COLD WATER SERVICE; THREADED ENDS FOR HEATING HOT WATER AND LOW-PRESSURE STEAM.

BALL VALVES, 1-1/4" TO 2": RATED FOR 150 PSI SATURATED STEAM PRESSURE, 400 PSI WOG PRESSURE; 3-PIECE CONSTRUCTION; WITH BRONZE BODY CONFORMING TO ASTM B 62, CONVENTIONAL PORT, CHROME-PLATED BRASS BALL. REPLACEABLE "TEFLON" OR "TFE" SEATS AND SEALS, BLOWOUT PROOF STEM, AND VINYL-COVERED STEEL HANDLE. PROVIDE SOLDER ENDS FOR CONDENSER WATER, CHILLED WATER, AND DOMESTIC HOT AND COLD WATER SERVICE; THREADED ENDS FOR HEATING HOT WATER AND LOW-PRESSURE STEAM.

BALL VALVES SHALL BE: CONBRACO, CRANE, GRINNELL, JAMESBURY, JENKINS, LUNKENHEIMER, NIBCO, POWELL, STOCKHAM, OR

## TRAP PRIMERS SHALL BE INSTALLED ON OPEN DRAIN TRAPS. SINGLE OR MULTIPLE OUTLET PORTS.

#### TRAP PRIMERS SHALL BE: PRECISION, WATTS OR JOSAM.

**SWING CHECK VALVES:** 2" AND SMALLER: MSS SP-80; CLASS 125, CAST-BRONZE BODY AND CAP CONFORMING TO ASTM B 62; WITH HORIZONTAL SWING, Y-PATTERN, AND BRONZE DISC; AND HAVING THREADED OR SOLDER ENDS. PROVIDE VALVES CAPABLE OF BEING REGROUND WHILE THE VALVE REMAINS IN THE LINE. PROVIDE CLASS 150 VALVES MEETING THE ABOVE SPECIFICATIONS, WITH THREADED END CONNECTIONS, WHERE SYSTEM PRESSURE REQUIRES OR WHERE CLASS 125 VALVES ARE NOT AVAILABLE.

SWING CHECK VALVES SHALL BE: CRANE, GRINNELL, HAMMOND, JENKINS, LUNKENHEIMER, MILWAUKEE, NIBCO, POWELL, OR STOCKHAM.

#### CLEANOUTS: SIZE CLEANOUTS AS INDICATED ON DRAWINGS, OR WHERE NOT INDICATED, SAME SIZE AS CONNECTED DRAINAGE PIPING. CLEANOUTS LARGER THAN 4" ARE NOT REQUIRED EXCEPT WHERE INDICATED. PROVIDE ASME A112.36.2M. CAST-IRON BODY WITH STRAIGHT THREADS AND GASKET SEAL OR TAPER THREADS FOR PLUG, FLASHING FLANGE AND CLAMPING RING, AND A BRASS CLOSURE PLUG. CLEANOUTS FOR INSTALLATION IN FLOORS NOT HAVING MEMBRANE WATERPROOFING MAY BE FURNISHED WITHOUT CLAMPING RING.

#### WATER CLOSETS: AS SCHEDULED ON THE DRAWINGS-PROVIDE WITH OPEN FRONT SEAT.

<u>LAVATORIES:</u> AS SCHEDULED ON THE DRAWINGS-PROVIDE WITH PERFORATED GRID DRAIN, P-TRAP, ANGLE SUPPLIES & INSULATION COVERS FOR ADA COMPLIANCE.

WATER COOLERS: AS SCHEDULED-PROVIDE WITH P-TRAP AND STOP VALVES.

SINKS: AS SCHEDULED-PROVIDE WITH P-TRAP, STRAINER DRAINS, STOP VALVES & SUPPLIES & INSULATION COVERS FOR ADA COMPLIANCE.

HEAT PUMP - TANK TYPE: AS SCHEDULED.

#### PLUMBING GENERAL NOTES:

- 1. COORDINATE WORK WITH ARCHITECTURAL, STRUCTURAL, MECHANICAL, AND ELECTRICAL TRADES. PIPE ROUTING SHOWN IS DIAGRAMMATIC, PROVIDE OFFSETS, ETC., TO AVOID INTERFERENCES WITH EQUIPMENT, PIPING, DUCTWORK, LIGHTS, CONDUIT, ETC..
- 2. COORDINATE FLOOR PENETRATIONS WITH STRUCTURAL DRAWINGS. SET SLEEVES IN FLOORS AND WALLS AND ATTACHMENTS FOR HANGERS AS CONSTRUCTION PROGRESSES. PENETRATIONS MUST BE SEALED AND HELD AS TIGHT TO COLUMNS OR WALLS AS POSSIBLE.
- 3. RUN VENT PIPING CONCEALED ABOVE CEILINGS OR IN ATTIC SPACES UNLESS NOTED OTHERWISE ON DRAWINGS.
- 4. PIPING SHALL BE SLOPED AS PER THE PLUMBING CODE UNLESS NOTED OTHERWISE ON DRAWINGS.
- 5. CONTRACTOR SHALL EXTEND WATER, AND SANITARY SEWER PIPING TO UTILITIES OUTSIDE BUILDING. REFER TO SITE PLAN FOR CONTINUATION & LOCATION OF OUTSIDE UTILITIES.
- 6. WALL HYDRANTS SHALL BE MOUNTED 1'-6" ABOVE FINISHED FLOOR.
- 7. COORDINATE UNDERGROUND PIPING WITH GRADE BEAMS AND WALL FOOTINGS.
- 8. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION OF PLUMBING FIXTURES. EXACT LOCATION OF FIXTURES MUST BE VERIFIED IN THE FIELD PRIOR TO INSTALLATION. FINAL LOCATION SHALL BE AS DIRECTED BY ARCHITECT.
- 9. DO NOT RUN PLUMBING PIPING THROUGH ELECTRICAL ROOMS OR DIRECTLY ABOVE ELECTRICAL PANELS.
- 10. INSTALL WATER HAMMER ARRESTORS (PDI'S) ON DOMESTIC COLD & HOT WATER LINES AT EACH FIXTURE OR BATTERY OF FIXTURES AS INDÍCATED ON THE DRAWINGS & IN ACCORDANCE WITH THE INTERNATIONAL PLUMBING CODE. ARRESTORS SHALL BE INSTALLED IN AN ACCESSIBLE LOCATION. PROVIDE 14x14" ACCESS DOOR AT ARRESTORS, ACCESS DOORS TO BE LOCATED SO THAT ARRESTORS ARE EASILY ACCESSIBLE FOR MAINTENANCE. ACCESS DOORS SHALL BE 16 GA. STEEL PRIMED AND PAINTED, CONCEALED HINGED ON ONE SIDE WITH KEYED CAM LOCK, COLOR AS SELECTED BY ARCHITECT.
- 11. PLUMBING VENTS EXTENDING THROUGH ROOF SHALL TERMINATE AT 1'-0" ABOVE ROOF AND AT A MINIMUM DISTANCE OF 12'-0" HORIZONTALLY FROM ANY AIR INTAKE OR OPERABLE WINDOW.
- 12. ALL OPEN DRAIN TRAPS SUBJECT TO EVAPORATION SHALL BE PROVIDED WITH TRAP PRIMER OR TRAP GUARD PROTECTION.

	WATER HEATER SCHEDULE - ELECTRIC													
MARK	BASIS OF DESIGN	STORAGE CAPACITY (GALS.)	F.H.R. (GPH)	VOLTAGE	PHASE	GPH RECOVERY @60° RISE	ACCESSORIES							
WH-1	RHEEM PROPH40	40	51	120	1	28	1-4							

#### ACCESSORIES:

- TEMPERATURE & PRESSURE RELIEF VALVE. SPILL IN DRAIN PAN.
- 2. DIELECTRIC FITTINGS ON INLET & OUTLET.
- 3. GATE VALVES WITH UNIONS ON WATER INLET & OUTLET. 4. PROVIDE EXPANSION TANK OR THERMAL EXPANSION RELIEF VALVE.

	PLUMBING FIXTURE CONNECTION SCHEDULE													
ITEM	FIXTURE	CW	HW	WATER	WASTE	MOUNTING	BASIS OI	DESIGN						
				USAGE		HEIGHT	TRIM / FAUCET	FIXTURE						
P-1A	WATER CLOSET - WH	1"		1.28 GPF	3"	RIM AT 15"	SLOAN: 111-1.28	AMERICAN STANDARD: 3351.101						
P-1B	WATER CLOSET - WH, ADA	1"		1.28 GPF	3"	RIM AT 17"	SLOAN: 111-1.28	AMERICAN STANDARD: 3351.101						
P-3A	LAVATORIES - WH, ADA	1/2"	1/2"	0.5 GPM	1-1/4"	RIM AT 34"	DELTA: 3549LF-WFLGHDF W/ 061203A	AMERICAN STANDARD: 0356.015						
P-3B	INTEGRAL BOWL, ADA	1/2"	1/2"	0.5 GPM	1-1/4"	SEE ARCH.	DELTA: 3549LF-WFLGHDF W/ 061203A	BY OTHERS - SEE ARCH.						
P-3C	INTEGRAL BOWL, ADA	1/2"	1/2"	0.5 GPM	1-1/4"	SEE ARCH.	DELTA: 3549LF-WFLGHDF W/ 061203A	BY OTHERS - SEE ARCH.						
P-5	WATER COOLER/BOTTLE FILLER - WH, ADA	1/2"		N/A	1-1/4"	SPOUT AT 33"	PROVIDE W/ P-TRAP	OASIS: PG8SBF						
P-6A	SINK - SINGLE COMP., ADA	1/2"	1/2"	1.5 GPM	1-1/2"	SEE ARCH.	DELTA: 100LF-HDF	JUST: SL-ADA-2225						
P-6B	SINK - DOUBLE COMP., ADA	1/2"	1/2"	1.5 GPM	1-1/2"	SEE ARCH.	DELTA: 100LF-HDF	JUST: DL-ADA-2233						
P-6C	SINK - SINGLE COMP., ADA	1/2"	1/2"	1.5 GPM	1-1/2"	SEE ARCH.	DELTA: 100LF-HDF	JUST: SL-ADA-2225						
P-8	WASH MACHINE UTILITY BOX	1/2"	1/2"	N/A	2"	SEE ARCH.		GUY GRAY: B200TS						
P-9	ICE MAKER UTILITY BOX	1/2"		N/A		SEE ARCH.		GUY GRAY: BIM875						
P-13	HOSE BIBB	3/4"				1-6" ABOVE FLOOR	WITH LOOSE KEY HANDLE	WOODFORD: MODEL 24						
P-14	NON-FREEZE WALL HYDRANT	3/4"			1	1-6" ABOVE GRADE		J.R. SMITH: 5509QT						

1. WATER CLOSETS: CONTROLS FOR FLUSH VALVES (TANK OR FV) SHALL BE MOUNTED ON THE WIDE SIDE OF TOILET AREAS NO MORE THAN 44 INCHES ABOVE THE FLOOR.

COORDINATE VALVE HEIGHT WITH GRAB BAR HEIGHT.

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ARCHITECT: 101 MARIETTA ST, NW, **SUITE 2600** ATLANTA, GA 30303 404-577-0370 (O)

## **INMAN PARK** COOPERATIVE **PRESCHOOL**

SEAL:

CONSULTANTS:



HARRELL KANE STRUCTURAL ENGINEERS, IN 800 OLD ROSWELL LAKES PARKWAY . STE 330 Roswell, Georgia 30076 • PH 404.920.4780



DO NOT SCALE DIMENSIONS FROM DRAWINGS SITE VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION REPORT ALL DISCREPANCIES TO ARCHITECT IMMEDIATELY THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT DOCUMENTS AND DRAWINGS.

REVISION SCHEDULE REV. # REV. DATE REV. DESCRIPTION ____ ____

PROJECT: **INMAN PARK** COOPERATIVE **PRESCHOOL** 

742 EDGEWOOD AVE. NE, ATLANT GA. 30307

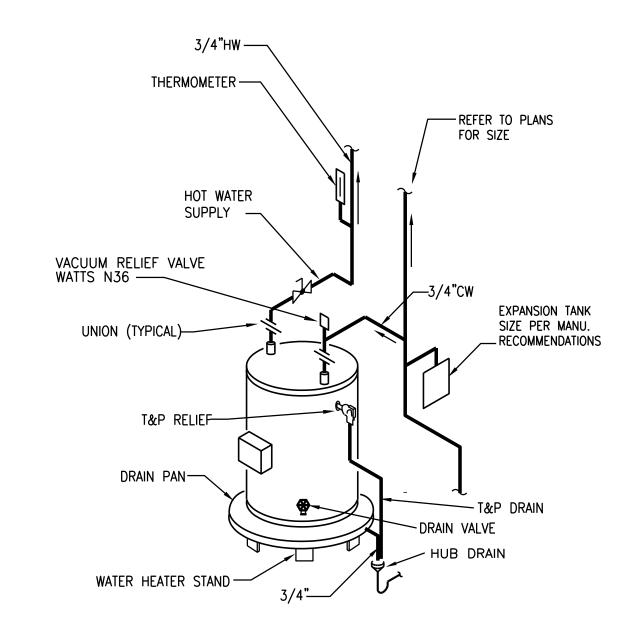
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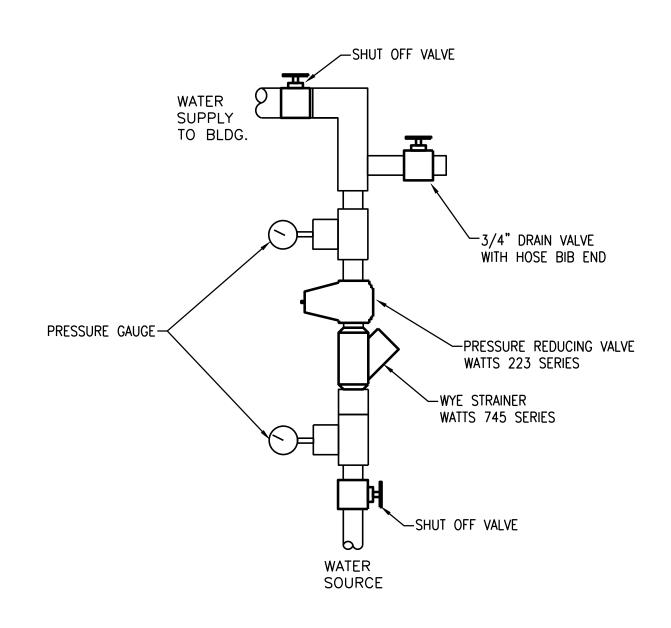
PROJECT ISSUE DATE

12/21/2022

P-001







1 WATER ENTRANCE DETAIL Scale: NONE



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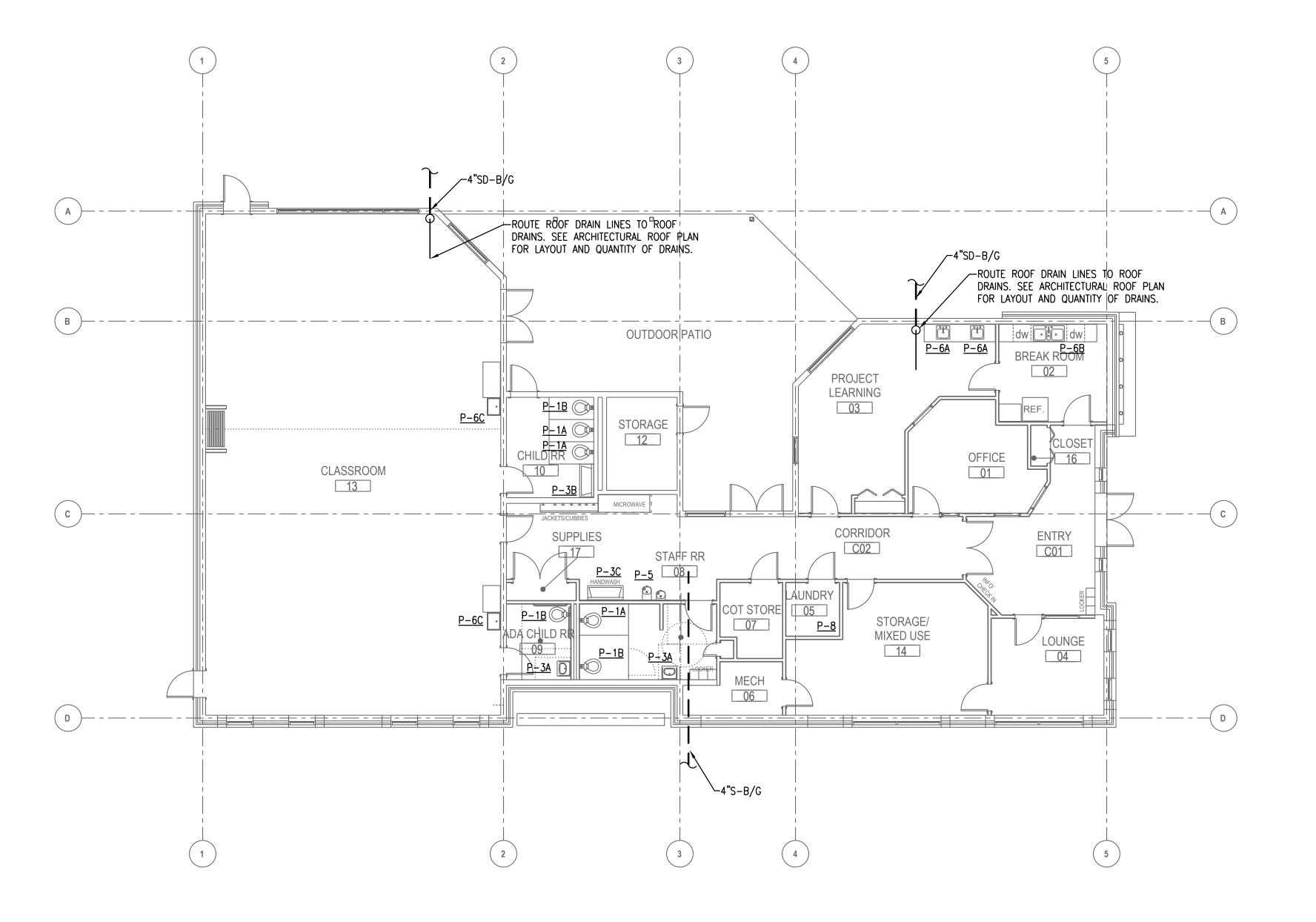
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**REVISION SCHEDULE** REV. # REV. DATE REV. DESCRIPTION

PROJECT:
INMAN PARK
COOPERATIVE
PRESCHOOL
742 EDGEWOOD
AVE. NE, ATLANTA
GA. 30307

12/21/2022 PROJECT ISSUE DATE PROJECT DRAWN BY CHECKED BY SHEET TITLE: PLUMBING SCHEDULES AND DETAILS

P-002



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

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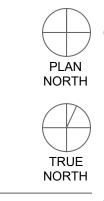
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INMAN PARK COOPERATIVE PRESCHOOL

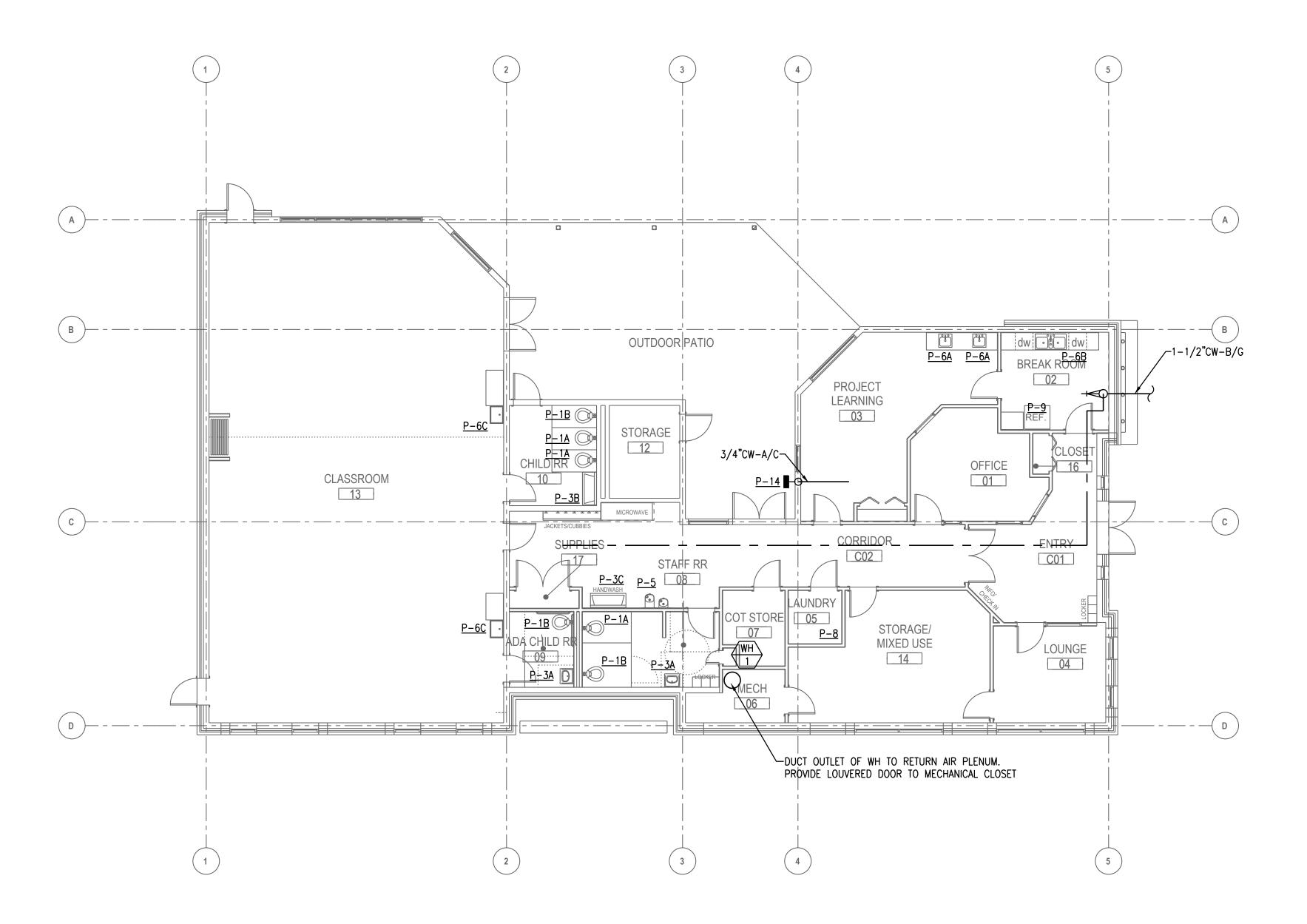
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1 FLOOR PLAN
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ARCHITECT: 101 MARIETTA ST, NW, SUITE 2600 ATLANTA, GA 30303 404-577-0370 (O)

INMAN PARK COOPERATIVE PRESCHOOL

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CONSULTANTS:







DO NOT SCALE DIMENSIONS FROM DRAWINGS SITE VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION REPORT ALL DISCREPANCIES TO ARCHITECT IMMEDIATELY THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT DOCUMENTS AND DRAWINGS.

CONJUNCTION WITH ALL RELEVANT DOCUMENTS AND DRAWINGS.

REVISION SCHEDULE

REV. # REV. DATE REV. DESCRIPTION

INMAN PARK
COOPERATIVE
PRESCHOOL
742 EDGEWOOD
AVE. NE, ATLANTA

PROJECT ISSUE DATE 12/21/2022
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#### ELECTRICAL ABBREVIATIONS ABBREVIATION / DEFINITION ABBREVIATION / DEFINITION AMPERE, AMMETER LOW VOLTAGE ABOVE FINISHED FLOOR MAIN BREAKER AMPERE, AMMETER MOTOR CONTROL CENTER MAIN LUGS ONLY CONDUIT CU COPPER NOT IN CONTRACT NTS **EXISTING** NOT TO SCALE EMER **EMERGENCY** OVER COUNTER G,GND GROUND POLE, PHASE GROUND FAULT INTERRUPTER P,PNL PANELBOARD RELOCATE HORSEPOWER H7 HERTZ TYPICAL ISOLATED GROUND UNDERGROUND JUNCTION BOX UNO UNLESS NOTED OTHERWISE KVA KILOVOLT-AMPERES VOLT KW KILOWATTS WEATHERPROOF XFMR LIGHTING CONTACTOR TRANSFORMER LIGHTING

NOTE: THESE ARE STANDARD ABBREVIATIONS, ALL ABBREVIATIONS SHOWN ABOVE MAY NOT APPEAR ON DRAWINGS.

#### ELECTRICAL LEGEND

A-1,3,5, ADJACENT TO ARROW INDICATED HOMERUN OF CIRCUITS 1,3,5 TO PANEL A. MARKS ACROSS RACEWAY RUNS INDICATE THE NUMBER OF #12 CONDUCTORS. UNLESS NOTED, NO MARKS INDICATE TWO #12 CONDUCTORS. NUMERAL AND LOWER CASE LETTER INDICATES CIRCUIT CONNECTION AND SWITCH LEG DESIGN RESPECTIVELY. UPPER CASE LETTER INDICATES FIXTURE TYPE.

1. ALL DIMENSIONS INDICATED IN LEGEND ARE TO CENTERLINE OF OUTLET OR EQUIPMENT AND SHALL BE THE DIMENSIONS USED UNLESS SPECIFICALLY INDICATED OTHERWISE ON THE DRAWINGS.

2. ALL SYMBOLS INDICATED IN THIS LEGEND MAY NOT BE USED ON THE PLANS.

3. DEVICE PLATES FOR RECEPTACLES AND SWITCHES SHALL BE SELECTED BY ARCHITECT.

REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LOCATION OF LIGHTING FIXTURES.

MOUNTING HEIGHTS FOR LIGHT SWITCHES, RECEPTACLES, FIRE ALARM BREAK-GLASS STATIONS, ETC., AND AUDIO-VISUAL

ALARM DEVICES COMPLY WITH A.D.A. DO NOT VARY THESE DIMENSIONS.

6. ALL RECEPTACLES WITHIN 6' OF A SINK SHALL BE GFI TYPE.

O. ALL RECEPTACLES WITHIN O OF A SINK SHALL BE GFT TIPE.					
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION		
S	SINGLE POLE TOGGLE SWITCH 48" AFF	00	CEILING OR WALL OUTLET AND FIXTURE		
S₃	THREE-WAY TOGGLE SWITCH 48" AFF	•	WITH EMERGENCY BATTERY BALLAST		
SD	SINGLE POLE DIMMER SWITCH 48" AFF (****)	4	WALL MOUNTED EMERGENCY FIXTURE		
SM	MOTOR RATED SWITCH W/ OVERLOAD PROTECTION		OUTLET AND FLUORESCENT FIXTURE		
Soc	WALL MOUNTED OCCUPANCY SWITCH 48"AFF WATTSTOPPER DW-103		CEILING OUTLET AND FLUORESCENT FIXTURE		
00	CEILING MOUNTED OCCUPANCY SWITCH WATTSTOPPER DT-355		WITH EMERGENCY BATTERY BALLAST		
$\rightleftharpoons$	DUPLEX RECEPTACLE 18"AFF (NEMA-5-20R)	f⊗	CEILING OR WALL MOUNTED EXIT SIGN		
$\bigoplus$	DUPLEX SWITCHED RECEPTACLE 18" AFF	<b>∳</b> ⊗⊣	(ARROWS DENOTE DIRECTION OF EGRESS)		
<b>=</b>	DOUBLE DUPLEX RECEPTACLE 18" AFF	0	CEILING OR WALL MOUNTED JUNCTION BOX		
xx" <b>⊖</b>	DUPLEX 20A RECEPTACLE — XX" AFF AS NOTED ON PLANS. "OC" DESIGNATES OUTLETS TO BE INSTALLED	OH.	CEILING ON WALL MODITED SONCTION BOX		
	ABOVE COUNTER TOPS. INSTALL SUCH DEVICES	$\bigcirc$	SPECIAL RECEPTACLE AS NOTED 18" AFF		
	HORIZONTALLY 4" ABOVE COUNTER TOP TO CENTER OF OUTLET BOX, OR AS INDICATED ON ARCHITECTURAL	lacksquare	VOICE/DATA OUTLET 18" AFF (*)		
	DRAWINGS. "U" INDICATES DUPLEX REC. WITH 2 USB	$\blacksquare$	TELEPHONE OUTLET 18" AFF (*)		
0	RECESSED/FLUSH FLOOR BOX WITH DUPLEX REC.	TV	TELEVISION OUTLET 18" AFF (*)		
	(HINGED COVER. BLACK NONMETALIC)	FACP	FIRE ALARM CONTROL PANEL		
F	FIRE ALARM SYSTEM PULL STATION 48" AFF	FAAP	FIRE ALARM ANNUNCIATOR PANEL		
<b>₫</b> F	FIRE ALARM SYSTEM STROBE-ONLY SIGNAL (**)	(SD)	WALL/CEILING MOUNTED SMOKE DETECTOR (***)		
<b>X</b> F	FIRE ALARM SYSTEM HORN/STROBE SIGNAL (**)	₹SD>	DUCT MOUNTED SMOKE DETECTOR— COORDINATE WITH MECHANICAL ENGINEER (***)		
	PANELBOARD (FLUSH OR SURFACE MOUNTED)		WALL/CEILING MOUNTED HEAT DETECTOR (***)		
4	FLEXIBLE METALLIC RACEWAY (6' MAXIMUM LENGTH)	FS	SPRINKLER FLOW SWITCH (***)		
	RACEWAY INSTALLED CONCEALED IN WALLS AND/OR ABOVE CEILING	(TS)	SPRINKLER TAMPER SWITCH (***)		
7	TERMINATE CONDUIT ABOVE CEILING (PROVIDE INSULATED THROAT BUSHING)	DH	FIRE ALARM DOOR HOLD OPEN DEVICE (***)		
Ø	MOTOR		NON-FUSED DISCONNECT SWITCH (RATING/POLES/ENCLOSURE AS INDICATED)		
9	MOTOR				

- * PROVIDE 4"X4" BOX, PLASTER RING, AND CONDUIT FROM OUTLET ABOVE CEILING AREA WITH PULLSTRING WIRE FOR CABLING BY OWNER'S VENDOR.
- ** 80" AFF OR 6" BELOW FINISHED CEILING. ALIGN WITH WALL SWITCH WHERE APPLICABLE.
- *** TIE INTO FIRE ALARM PANEL.
  **** COORDINATE AND VERIFY THAT LIGHTING FIXTURE PACKAGE IS COMPATIBLE WITH DIMMING DEVICE BEING PROVIDED.

#### **SPECIFICATIONS**

#### GENERAI

ALL ELECTRICAL WORK SHALL CONFORM TO ALL REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE, STATE, AND COUNTY AND CITY ELECTRICAL CODES, AND AUTHORITIES HAVING JURISDICTION.

ALL EQUIPMENT SHALL BE NEW AND U.L. APPROVED.

ELECTRICAL DRAWINGS ARE DIAGRAMMATIC. SIZE AND LOCATION OF EQUIPMENT AND WIRING ARE SHOWN TO SCALE WHERE POSSIBLE, BUT MAY BE DISTORTED FOR CLARITY ON THE DRAWINGS. FINAL LOCATIONS OF OUTLETS AND EQUIPMENT SHALL BE SHOWN IN ENLARGED DETAILS OR AS APPROVED BY THE ARCHITECT OR HIS REPRESENTATIVE. IT IS NOT WITHIN THE SCOPE OF THE DRAWINGS TO SHOW ALL THE NECESSARY BENDS, OFFSETS, PULLBOXES AND OBSTRUCTIONS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO INSTALL HIS WORK TO CONFORM TO THE STRUCTURE, MAINTAIN HEAD-ROOM AND KEEP OPENINGS AND PASSAGEWAYS CLEAR. REFER TO THE ARCHITECTURAL DRAWINGS FOR DIMENSIONS.

THE CONTRACTOR SHALL CAREFULLY EXAMINE THE SITE AND SHALL COMPARE THE DRAWINGS WITH EXISTING ELECTRICAL INSTALLATIONS, AND SHALL THOROUGHLY FAMILIARIZE HIMSELF WITH ALL EXISTING CONDITIONS WITHIN THE SCOPE OF HIS WORK. BY THE ACT OF SUBMITTING A BID, THE CONTRACTOR WILL HAVE DEEMED TO HAVE MADE SUCH EXAMINATION AND TO HAVE ACCEPTED SUCH CONDITIONS AND TO HAVE MADE ALLOWANCE THEREFORE IN PREPARING HIS BID.

CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE WITH ALL TRADES AND ELECTRICAL REFERENCES ON ARCHITECTURAL DRAWINGS.

VERIFY LOCATIONS OF ALL ELECTRICAL EQUIPMENT WITH ARCHITECTURAL DRAWINGS AND INTERIOR DETAILS AND FINISHES. IN CENTERING OUTLETS AND LOCATING BOXES AND OUTLETS, ALLOW FOR OVERHEAD PIPES, DUCTS, AND MECHANICAL EQUIPMENT, VARIATIONS IN FIREPROOFING AND PLASTERING, WINDOW AND DOOR TRIM, PANELING, HUNG CEILINGS AND THE LIKE, AND CORRECT ANY INACCURACY RESULTING FROM FAILURE TO DO SO WITHOUT EXPENSE TO OWNER.

FURNISH AND INSTALL WIRING FOR EQUIPMENT FURNISHED BY OTHERS, AS SHOWN ON DRAWINGS. COORDINATE WITH OTHER TRADES OR DETAILS FOR INSTALLATION. THE TERM "WIRING", AS USED HEREIN, INCLUDES FURNISHING AND INSTALLING CONDUIT, WIRE JUNCTION BOXES, DISCONNECTS AND MAKING CONNECTIONS. CHECK ARCHITECTURAL AND MECHANICAL DRAWINGS AND SPECIFICATIONS FOR EQUIPMENT TO BE INSTALLED BY OTHERS. BE RESPONSIBLE FOR PROPER WIRING AND NECESSARY ELECTRICAL ADJUSTMENTS TO EQUIPMENT TO CONFORM TO SPECIFIED REQUIREMENTS OF THE EQUIPMENT.

SECURE AND PAY ALL PERMITS AND FEES NECESSARY FOR EXECUTION AND COMPLETION OF ELECTRICAL

THE CONTRACTOR SHALL DO ALL CUTTING AND PATCHING OF THE EXISTING CONSTRUCTION WORK WHICH MAY BE REQUIRED FOR THE PROPER INSTALLATION OF THE ELECTRICAL WORK. ALL PATCHING SHALL BE OF THE SAME MATERIALS, WORKMANSHIP, AND FINISH AND SHALL ACCURATELY MATCH ALL SURROUNDING

AFTER COMPLETION OF WORK UNDER THIS SECTION, CLEAN UP RESULTANT DEBRIS FROM THIS WORK AND REMOVE FROM THE SITE.

#### LIGHTING FIXTURE

FURNISH AND INSTALL LIGHTING FIXTURES AS SHOWN ON THE ELECTRICAL AND ARCHITECTURAL DRAWINGS. VERIFY EXACT LOCATIONS OF FIXTURES WITH ARCHITECTURAL REFLECTED CEILING PLANS. COORDINATE FIXTURE HOUSINGS AND TRIMS WITH CEILING TYPE. PROVIDE REQUIRED ACCESSORIES FOR CEILING TYPES.

ALL BRANCH CIRCUIT WIRING FOR LIGHTING SHALL BE #12 AWG, TYPE THHN/THWN, AND SHALL BE INSTALLED IN ELECTRICAL METALLIC TUBING ABOVE THE HUNG CEILING. THE EMT SHALL BE SUPPORTED ACCORDING TO THE CODE(S) HAVING JURISDICTION BASED ON THE NUMBER AND SIZE OF CONDUCTORS ENTERING AND LEAVING THE BOX.

#### DISTRIBUTION EQUIPMENT

ALL PANEL BOARDS SHALL BE ENCLOSED TYPE, FLUSH OR SURFACE MOUNTED AS REQUIRED, IN STEEL CABINETS CODE GAUGE, WITH STEEL TRIM CONCEALED HINGES, DOORS AND FLUSH TYPE LOCKS, ALL KEYED ALIKE. MANUFACTURER SHALL BE SQUARE D. CUTLER HAMMER, GE, OR ITE.

ALL BUSSES, INCLUDING NEUTRAL AND GROUND BUS, SHALL BE MINIMUM 98% CONDUCTIVITY, HARD DRAWN COPPER, SILVER OR TIN-PLATED JOINTS, AND SIZED ON THE BASIS OF 1000 AMPERES PER SQUARE INCH CROSS-SECTIONAL AREA. BUSSES SHALL BE ARRANGED FOR SEQUENCING PHASING.

PANEL BOARDS SHALL BE EQUIPPED WITH BOLD-ON MOLDED CASE CIRCUIT BREAKERS OF THE TYPE, NUMBER OF POLES, TRIP SIZES, AS SHOWN IN DRAWINGS AND INTERRUPTING CAPACITY AS PER BUILDING REQUIREMENTS.

A CIRCUIT DIRECTORY WITH METAL FRAME AND GLASSINE PAGE SHALL BE PROVIDED ON THE INSIDE OF THE DOOR. UPON COMPLETION OF THE PROJECT, THE DIRECTORY SHALL BE TYPEWRITTEN, INDICATING THE SERVICE CONTROLLED BY EACH CIRCUIT FOR NEW AND EXISTING PANELS.

GROUP AND LACE ALL CONDUCTORS WITHIN PANEL ENCLOSURE. DO NOT SPLICE CONDUCTORS WITHIN PANEL ENCLOSURE.

CLEAN, VACUUM, AND TIGHTEN ALL CONNECTORS AND CONNECTIONS IN EXISTING ELECTRICAL EQUIPMENT RE-USED.

PROVIDE NAMEPLATES FOR ALL ELECTRICAL EQUIPMENT. NAMEPLATES TO BE ENGRAVED THREE LAYER LAMINATED PLASTIC, WHITE LETTERS ON BLACK BACKGROUND FOR EQUIPMENT 250 VOLTS AND UNDER, AND WHITE LETTERS ON RED BACKGROUND FOR EQUIPMENT OVER 250 VOLTS.

PROVIDE HANDLE-LOCKS FOR ALL CIRCUIT BREAKERS FOR "NITE-LITE" AND "EXIT" LIGHTS WITH BATTERY PACKS.

DEVICES

DUPLEX RECEPTACLES FOR WALL AND FLOOR CONVENIENCE OUTLETS SHALL BE 2 POLE, 3 WIRE, GROUNDED, 20 AMPERE, NEMA CONFIGURATION 5-20R, COLOR BY ARCHITECT.

DUPLEX GFI RECEPTACLE SHALL BE 2 POLE, 3 WIRE, GROUNDED, 20 AMPERE, NEMA CONFIGURATION 5-20R, COLOR BY ARCHITECT.

SINGLE POLE SWITCHES AND 3-WAY SWITCHES SHALL BE SPECIFICATION GRADE. COLOR BY ARCHITECT.

DEVICE SHALL BE MOUNTED UNDER COMMON COVERPLATE WHERE MULTIPLE DEVICES ARE INDICATED.

RACEWAY

BRANCH CIRCUIT WIRING AND FEEDERS SHALL BE RUN IN ELECTRIC METALLIC TUBING (EMT). THE EMT SHALL BE OF MILLED STEEL TUBING. STEEL SET SCREW WITH INSULATED THROAT TYPE CONNECTORS AND COUPLINGS SHALL BE USED FOR ALL EMT CONNECTIONS. SEALTITE FLEXIBLE CONDUIT FOR VIBRATING EQUIPMENT (MOTORS, TRANSFORMERS, ETC.).

TYPE MC CABLE SHALL BE ALLOWED WITHIN WALLS TO RECEPTACLES AND NOT BE USED ABOVE CEILING FOR ANY BRANCH CIRCUIT WORK EXCEPT FOR FINAL CONNECTIONS TO LIGHT FIXTURES IN LENGTHS OF 6' OR LESS.

CUT CONDUIT END SQUARE, REAM SMOOTH, PAINT MALE THREADS OF FIELD THREADED RACEWAYS WITH GRAPHITE BASE PIPE COMPOUND. DRAW UP TIGHT WITH RACEWAY COUPLINGS.

PASS RACEWAYS OVER WATER, STEAM OR OTHER PIPING WHEN PULL BOXES ARE NOT REQUIRED. NO RACEWAY WITHIN 3" OF STEAM OR HOT WATER PIPES, OR APPLIANCES, EXCEPT CROSSINGS WHERE RACEWAY SHALL BE AT LEAST 1" FROM PIPE COVER.

RUN ALL RACEWAYS PARALLEL AND/OR PERPENDICULAR TO BUILDING WALLS. HORIZONTAL OR CROSS RUNS IN FULL HEIGHT PARTITIONS AND WALLS NOT PERMITTED.

SEPARATE RACEWAYS FROM CONDUCTORS OF NORMAL AND EMERGENCY CIRCUITS.

BOXES: PROVIDE BARRIERS BETWEEN EMERGENCY AND NORMAL WIRING.

RUN ALL CONDUIT CONCEALED IN FINISHED AREAS, UNLESS INDICATED ON THE DRAWINGS.

CONNECT RACEWAY TO MOTOR TERMINAL BOXES WITH FLEXIBLE CONDUIT; MINIMUM 18 INCHES IN LENGTH AND 50% SLACK. DO NOT TERMINATE IN OR FASTEN RACEWAYS TO MOTOR FOUNDATION.

APPROVED BY BUILDING OWNER.

INDICATE, USING MARKING PEN, PANEL BOARD AND CIRCUIT DESIGNATIONS ON ALL CONDUIT HOMERUNS AND JUNCTION BOXES.

CONDUITS ROUTED TO ROOF SHALL BE ROUTED ALONG MECHANICAL PIPING RUNS AND SHALL BE AS

CONDUCTORS

CONDUCTORS SHALL BE COPPER, SIZES AS INDICATED ON DRAWINGS AND SHALL NOT BE LESS THAN #12 AWG, ALL #8 AWG WIRE AND LARGER SHALL BE STRANDED, ALL #10 AWG WIRE AND SMALLER

SHALL BE SOLID. VOLTAGE RATING OF INSULATION SHALL BE 600 VOLTS.

TYPE THHN/THWN INSULATION SHALL BE USED FOR ALL BRANCH CIRCUIT WIRING. THE AMPACITIES OF

THHN WIRE SHALL BE BASED ON THE ALLOWABLE AMPACITIES OF TWO WIRE. FEEDER CABLES INSULATION AS APPROVED.

RECESSED LIGHTING FIXTURES IN HUNG CEILING SHALL BE SUPPLIED WITH TYPE "AF" INSULATED WIRE IN

FLEXIBLE METALLIC CONDUIT, IN LENGTHS NOT EXCEEDING 6 FEET, FROM ADJACENT JUNCTION BOXES.

FACTORY COLOR CODING FOR WIRE AND CABLE SHALL BE AS FOLLOWS: 480Y/277 - BROWN, ORANGE, YELLOW, GRAY, FOR PHASES A, B, C AND NEUTRAL, RESPECTIVELY. 120/208V - BLACK, RED, BLUE, WHITE, FOR PHASES A, B, C AND NEUTRAL, RESPECTIVELY. 120/240V - BLACK, RED, WHITE, FOR PHASES A, B, AND NEUTRAL, RESPECTIVELY.

#### GROUND WIRES SHALL BE GREEN.

WIRE COLOR CODING: WHERE COLOR-CODED CABLE IS NOT AVAILABLE, CERTIFY IN WRITING AND REQUEST PERMISSION FOR OVERLAP COLOR TAPING CONDUCTORS (MINIMUM LENGTHS 6') IN ACCESSIBLE LOCATIONS. COLOR CODING, ONCE SELECTED, MUST BE USED CONSISTENTLY FOR THE ENTIRE PROJECT.

LEAVE WIRE SUFFICIENTLY LONG TO PERMIT MAKING FINAL CONNECTIONS, IN RACEWAY OVER 10 FEET IN WHICH WIRING IS NOT INSTALLED, FURNISH FISH WIRE.

PULL NO THERMOPLASTIC WIRES AT TEMPERATURES LOWER THAN 32°F (0°C). PROVIDE CABLE SUPPORTS FOR WIRE IN RISER CONDUIT AS REQUIRED BY CODE.

LIGHTING AND POWER WIRING FOR CIRCUITS LESS THAN 100 FEET SHALL BE #12 AWG, UNLESS NOTED, WIRE SIZES SHALL BE #10 FOR CIRCUITS GREATER THAN 100 FEET. CONTRACTOR SHALL FIELD COORDINATE EXACT DISTANCES AND ADJUST WIRE SIZES AS NECESSARY IN ORDER TO MAINTAIN MAXIMUM NEC RECOMMENDED VOLTAGE DROP OF 3%. . NOT MORE THAN (3) LIGHTING OR CONVENIENCE OUTLET CIRCUITS IN ONE CONDUIT UNLESS OTHERWISE NOTED.

ALL WIRES SHALL BE IDENTIFIED BY CIRCUIT NUMBERS IN ALL CABINETS, BOXES, WIRING TROUGH, OTHER ENCLOSURES, AT ALL SPLICES, TERMINATION POINTS, ETC.

#### OUTLET JUNCTION AND PULL BOXES

ALL OUTLET BOXES SHALL BE CODE GAUGE, HOT DIPPED GALVANIZED STAMPED STEEL

OUTLET BOXES FOR RECEPTACLES AND SWITCHES IN DRY WALL PARTITION SHALL BE 4" SQUARE, BY 1-1/2" MINIMUM DEPTH AND SHALL BE FITTED WITH SQUARE CORNERED DEVICE COVERS AND DEPTH EQUAL TO THE DRY WALL THICKNESS, SECTIONAL BOXES ARE NOT ACCEPTABLE.

JUNCTION AND PULL BOXES: LOCATE GENERALLY NOT EXPOSED IN FINISHED SPACE. WHERE NECESSARY, RE-ROUTE RACEWAY OR MAKE OTHER ARRANGEMENTS FOR CONCEALMENT. PROVIDE PULL BOXES AS INDICATED AND WHERE EVER NECESSARY TO FACILITATE PULLING OF WIRE AND COORDINATE LOCATIONS WITH OTHER TRADES. COVERS OF JUNCTION AND PULL BOXES SHALL BE ACCESSIBLE. FOR EMPTY RACEWAY RUN PROVIDE PULL BOXES EVERY 100 FEET AND AS INDICATED. COORDINATE LOCATIONS WITH OTHER TRADES.

SET BOXES SQUARE AND TRUE WITH BUILDING FINISH. ERECT WALL AND SWITCH OUTLETS IN ADVANCE OF FURRING AND FIREPROOFING. SECURE TO BUILDING STRUCTURE BY ADJUSTABLE STRAP IRONS.

LOCATIONS INDICATED FOR ALL LOCAL WALL SWITCHES ARE SUBJECT TO MODIFICATIONS. AT OR NEAR DOORS INSTALL SWITCH, IN SIDE OPPOSITE HINGE, VERIFY FINAL DOOR HINGE LOCATION ON FIELD PRIOR TO SWITCH OUTLET INSTALLATION.

LOCATION INDICATED FOR LOCAL WALL SWITCHES, CONTROLLERS, EMERGENCY PUSH BUTTONS, RECEPTACLE, ETC. ARE SUBJECT TO MODIFICATIONS.

HEIGHTS OF OUTLET FROM FINISHED FLOOR TO CENTERLINE OF OUTLETS, AS PER ARCHITECTURAL DRAWINGS. EXCEPTIONS: AT JUNCTION OF DIFFERENT WALL FINISH MATERIALS, MOLDING OR BREAK IN WALL SURFACE IN VIOLATION OF CODE REQUIREMENTS.

OFFSET BACK-TO-BACK OUTLETS. THROUGH THE WALL TYPE, NOT PERMITTED.

GROUNDING

GROUND ALL CONDUITS, CABINETS, MOTORS, PANELS, AND OTHER EXPOSED NON-CURRENT CARRYING METAL PARTS OF ELECTRICAL EQUIPMENT IN ACCORDANCE WITH ALL PROVISIONS OF THE NATIONAL ELECTRICAL CODE, OR LOCAL CODES THAT MAY APPLY.

PROVIDE INSULATED GROUNDING CONDUCTORS IN ALL CONDUITS. GROUND WIRE TO BE SIZED IN ACCORDANCE WITH N.E.C. ARTICLE 250.122.

SECURE ALL SUPPORTS TO BUILDING STRUCTURE AS REQUIRED. DO NOT SUPPORT FROM CEILING HANGERS. SUPPORT HORIZONTAL RUNS OF METALLIC RACEWAYS NOT MORE THAN 10 FEET APART. SUPPORT RACEWAY RISERS AT EACH FLOOR LEVEL. RUN EXPOSED RACEWAYS PARALLEL WITH OR AT RIGHT ANGLES TO WALL.

SUPPORT PANEL, JUNCTION AND PULL BOXES INDEPENDENTLY TO BUILDING STRUCTURE WITH NO WEIGHT

BEARING ON RACEWAY.

ALL ANCHORS, FASTENERS, CLAMPS, ETC., SHALL BE MADE OF STEEL AND SHALL NOT CONTAIN ANY LEAD, WOOD, PLASTIC, ETC.

<u>SLEEVES</u>

<u>SUPPORTS</u>

PROVIDE WATERPROOF SLEEVES, AS APPROVED FOR ROOF, FLOOR AND WALL PENETRATIONS. ALL PENETRATIONS THROUGH FIRE RATED WALLS, FLOORS OR PARTITIONS SHALL BE SEALED TO PREVENT THE SPREAD OF SMOKE AND FIRE THROUGH THEM. THE FIRE RATING OF THE PENETRATION SEAL SHALL BE AT LEAST THAT OF THE FLOOR OR WALL INTO WHICH IT IS INSTALLED BY ARTICLE 300.21 OF THE NATIONAL ELECTRICAL CODE.

THE FOAM SEALANT SHALL MEET ALL OF THE FIRE TEST AND HOSE STREAM TEST REQUIREMENTS OF ASTM E-119-73 AND SHALL BE U.L. CLASSIFIED AS A WALL OPENING PROTECTIVE DEVICE, AS MANUFACTURED BY CHASE TECHNOLOGY CORPORATION.

#### HVAC CONTROLS

MECHANICAL CONTRACTOR SHALL FURNISH AND INSTALL CONTROL WIRING INCLUDING CONDUITS, RELAYS, TIME CLOCK, CONTROL TRANSFORMERS, ETC., FOR ALL HVAC EQUIPMENT, UNLESS OTHERWISE NOTED.

ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL ONLY POWER WIRING WITH DISCONNECTS, AS SHOWN IN ELECTRICAL DRAWINGS.

#### TEST AND GUARANTEES

UPON COMPLETION OF ALL ELECTRICAL WORK, CONTRACTOR SHALL TEST FOR GROUNDS AND SHORTS, TO INSURE PROPER OPERATION OF ELECTRICAL EQUIPMENT. REPAIR OR REPLACE FAULTY EQUIPMENT AT NO ADDITIONAL COST TO THE OWNER.

GUARANTEE FOR ONE YEAR AFTER FINAL ACCEPTANCE BY OWNER OF ALL WORKMANSHIP AND MATERIALS FURNISHED.

#### LOAD BALANCING

ELECTRICAL CONTRACTOR SHALL BALANCE THE LOAD WITH AMPROBE ON ALL PANELS, SUBSEQUENT TO COMPLETION OF INSTALLATION, WITH ALL EQUIPMENT OPERATING SIMULTANEOUSLY. ELECTRICAL CONTRACTOR SHALL SUBMIT LOAD BALANCING REPORT TO PROJECT MANAGER FOR APPROVAL.

#### RENOVATION AND DEMOLITION WORK - ADDITIONAL REQUIREMENTS:

THE EXISTING INSTALLATION IS TO REMAIN IN PLACE AND IN OPERATION, EXCEPT AS OTHERWISE INDICATED OR SPECIFIED. WORK SHALL BE PROVIDED AS NECESSARY TO TIE-IN THE NEW INSTALLATION WITH THE EXISTING INSTALLATION, AND TO ADAPT THE EXISTING INSTALLATION TO CHANGES IN SYSTEMS

ANY NECESSARY TEMPORARY CONNECTION OR SERVICE SHALL BE PROVIDED AND PERFORMED IN SUCH MANNER AS TO MAINTAIN OPERATION IN ALL BUILDING AREAS. SYSTEMS OR MATERIALS WHICH ARE TO REMAIN IN SERVICE, BUT ARE TEMPORARILY DISCONNECTED, SHALL BE RECONNECTED AND RESTORED TO THEIR ORIGINAL OPERATING CONDITION.

THE RATINGS, LOCATION AND USAGE OF ANY EXISTING MATERIAL (ELECTRICAL CIRCUIT, ETC.) SHOWN BY THE PLANS OR INVOLVED IN THE WORK SHALL BE VERIFIED AT THE SITE.

BEFORE USING OR ADDING TO ANY EXISTING ELECTRICAL CIRCUIT, CHECK THE RELATED EXISTING CIRCUIT CAPACITY, AND DO NOT MAKE ANY CONNECTION THAT WOULD OVERLOAD ANY CIRCUIT OR IMPROPERLY USE ANY EXISTING CIRCUIT. BEFORE REMOVING ANY EXISTING CIRCUIT, CHECK ALL CONNECTED LOADS TO ASSURE THAT THERE ARE NO UNKNOWN EXISTING LOADS THAT SHOULD REMAIN CONNECTED — DO NOT REMOVE ANY EXISTING CIRCUIT WHERE EXISTING LOADS TO REMAIN WOULD BE PERMANENTLY DISCONNECTED. MAKE A FIELD SURVEY OF ANY SUCH INADEQUATE CONDITION, AND PROVIDE INFORMATION TO THE ENGINEER IN DETAIL AND IN A TIMELY MANNER SO THAT NECESSARY REDESIGN MAY BE ACCOMPLISHED BY THE ENGINEER.

EXPOSED WIRING RENDERED USELESS DUE TO CHANGES IN THE BUILDING SHALL BE REMOVED. CONCEALED WIRING AND CONTROLS EXPOSED BY THE REMOVAL OF WALLS, PARTITIONS, ETC., SHALL BE REMOVED OR RELOCATED AND RECONNECTED AS NECESSARY. OTHER MATERIALS SHALL BE REMOVED AS NECESSARY OR INDICATED.

MATERIALS TO BE RELOCATED OR SALVAGED SHALL BE DISCONNECTED AND DEMOUNTED WITHOUT DAMAGE. DEMOUNTED MATERIALS SHALL BE STORED AT THE JOB SITE UNDER THE BEST CONDITIONS PRACTICAL. MATERIALS TO REMAIN IN PLACE WHILE WORK IS IN PROGRESS SHALL BE DISCONNECTED IF NECESSARY TO FUNCTION OR SAFETY, AND PROTECTED BY SUITABLE MEANS.

ELECTRICAL CABLE OR CONDUCTORS DAMAGED OR REMOVED FROM RACEWAYS SHALL NOT BE REUSED.

ELECTRICAL CONDUCTORS SHALL BE COLOR CODED AS REQUIRED BY CODE AND CONSISTENT WITH COLOR CODING FOR EXISTING FACILITY SYSTEMS.

WORK SHALL BE PERFORMED WITHIN THE ACCESS, PROPRIETARY, SECURITY, AND HOUSEKEEPING CONDITIONS SPECIFIED HEREIN OR BY OTHER DIVISIONS OR SECTIONS OF THE SPECIFICATIONS, OR AS CALLED FOR BY INSTRUCTIONS TO BIDDERS OR BY OWNER'S CRITERIA.

NOTIFY THE OWNER'S REPRESENTATIVE OF ANY NONFUNCTIONING MATERIAL OR POTENTIALLY UNSAFE CONDITION WITHIN THE EXISTING AND INVOLVED SYSTEMS THAT IS OBSERVED DURING THE CONDUCT OF THE WORK. PROPOSALS FOR THIS WORK SHALL BE BASED UPON EXAMINATION OF THE SITE AND CONDITIONS THEREON AND/OR THEREIN. PROPOSALS SHALL TAKE INTO CONSIDERATION SAID CONDITIONS WHICH MAY AFFECT WORK COVERED BY THIS SPECIFICATION.

COORDINATE WITH THE OWNER OR DESIGNATED OWNER'S REPRESENTATIVE TO LEARN OF ANY HAZARDOUS CONDITION OR MATERIAL THAT MAY EXIST AT THE SITE.

THE CONTRACTOR SHALL DESIGN AND PROVIDE A NEW ADDRESSABLE FIRE ALARM SYSTEM. THE SYSTEM SHALL INCLUDE, BUT NOT BE LIMITED TO CONTROL PANEL, ALARM INITIATING AND INDICATING PERIPHERAL DEVICES, CONDUIT, WIRE AND ACCESSORIES REQUIRED TO PROVIDE A COMPLETE OPERATIONAL SYSTEM.

SYSTEM SHALL HAVE 20% SPARE CAPACITY.

CONTRACTOR SHALL SUBMIT COMPLETE DOCUMENTATION SHOWING THE TYPE, SIZE, RATING, STYLE, CATALOG NUMBER, MANUFACTURERS' NAMES, PHOTOS, AND/OR CATALOG DATA SHEETS FOR ALL ITEMS TO

ONLY THE MINIMUM NUMBER OF EQUIPMENT DEVICES HAVE BEEN SHOWN ON THE CONTRACT DRAWINGS. ANY SPECIFIC WIRING BETWEEN EQUIPMENT SHOWN IS NOT FOR CONSTRUCTION PURPOSES. CONTRACTOR SHALL SUBMIT FOR APPROVAL THE COMPLETE LAYOUT OF THE ENTIRE SYSTEM, SHOWING WIRING AND ALL EQUIPMENT. CONTRACTOR SHALL VERIFY PROPER COVERAGE OF DEVICES SHOWN AND PROVIDE ADDITIONAL DEVICES AS NECESSARY AS PART OF THEIR DESIGN.

ALL WORK MUST BE INSTALLED IN ACCORDANCE WITH NFPA72 AND LOCAL CODES AND REGULATIONS.
ALL DEVICES SHALL MEET A.D.A. CRITERIA.

THE SYSTEM WILL BE ACCEPTED ONLY AFTER A SATISFACTORY TEST OF THE ENTIRE SYSTEM HAS BEEN PERFORMED BY A FACTORY REPRESENTATIVE.

#### <u>SUBMITTALS</u>

FIRE ALARM SYSTEM

MANUFACTURER'S CUTS AND SHOP DRAWINGS OF THE FOLLOWING APPARATUS, GIVING FULL DESCRIPTION AND OTHER PERTINENT FACTS, SHALL BE SUBMITTED TO THE ARCHITECT AND THE CONSULTING ENGINEER. THEIR APPROVAL SHALL BE SECURED BEFORE APPARATUS IN QUESTION IS ORDERED, BUILT OR INSTALLED.

- LIGHTING FIXTURES, & LAMPS
   DEVICES (SWITCHES, RECEPTACLES, DIMMERS, FACEPLATES, ETC.)
- 3. FIRE ALARM SYSTEM4. OTHER EQUIPMENT AS REQUESTED

ENSURE COMPLIANCE WITH THESE SPECIFICATIONS.

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INMAN PARK COOPERATIVE PRESCHOOL

SEAL:

CONSULTANTS:





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DOCUMENTS AND DRAWINGS.

REVISION SCHEDULE

REV. # REV. DATE REV. DESCRIPTION

INMAN PARK
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PRESCHOOL
742 EDGEWOOD
AVE. NE, ATLANTA

PROJECT IPCPB
DRAWN BY
CHECKED BY
SHEET TITLE:

ELECTRICAL
LEGEND

SPECIFICATIONS _

GA. 30307

PROJECT ISSUE DATE

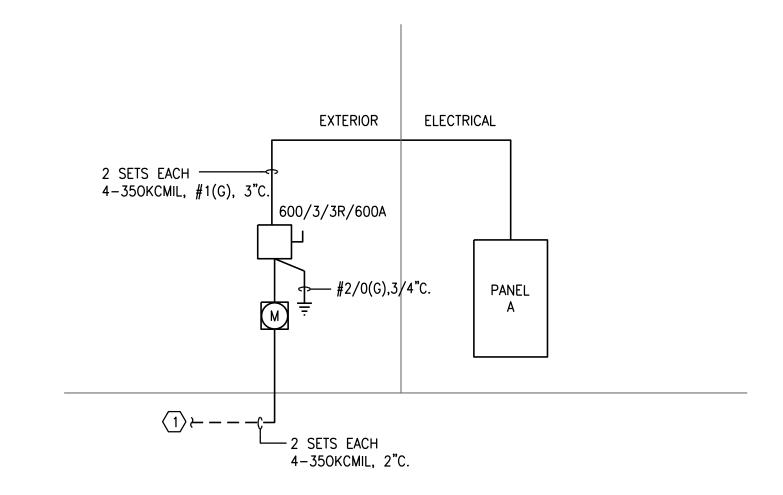
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12/21/2022

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1 ONE-LINE DIAGRAM Scale: None

KEY NOTES (APPLIES TO ONE LINE DIAGRAMS ONLY) 120/208V SECONDARY PAD-MOUNTED TRANSFORMER BY UTILITY.
COORDINATE FINAL SIZE AND LOCATION WITH UTILITY COMPANY AND CIVIL ENGINEER. ESTIMATED AVAILABLE FAULT CURRENT AT THE SECONDARY OF THE TRANSFORMER 26,000A. COORDINATE FINAL AIC RATINGS OF ALL EQUIPMENT WITH TRANSFORMER PROVIDED, INCLUDING ELEVATOR.



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PRESCHOOL
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GA. 30307

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PROJECT ISSUE DATE

PROJECT

SCHEDULES AND DETAILS

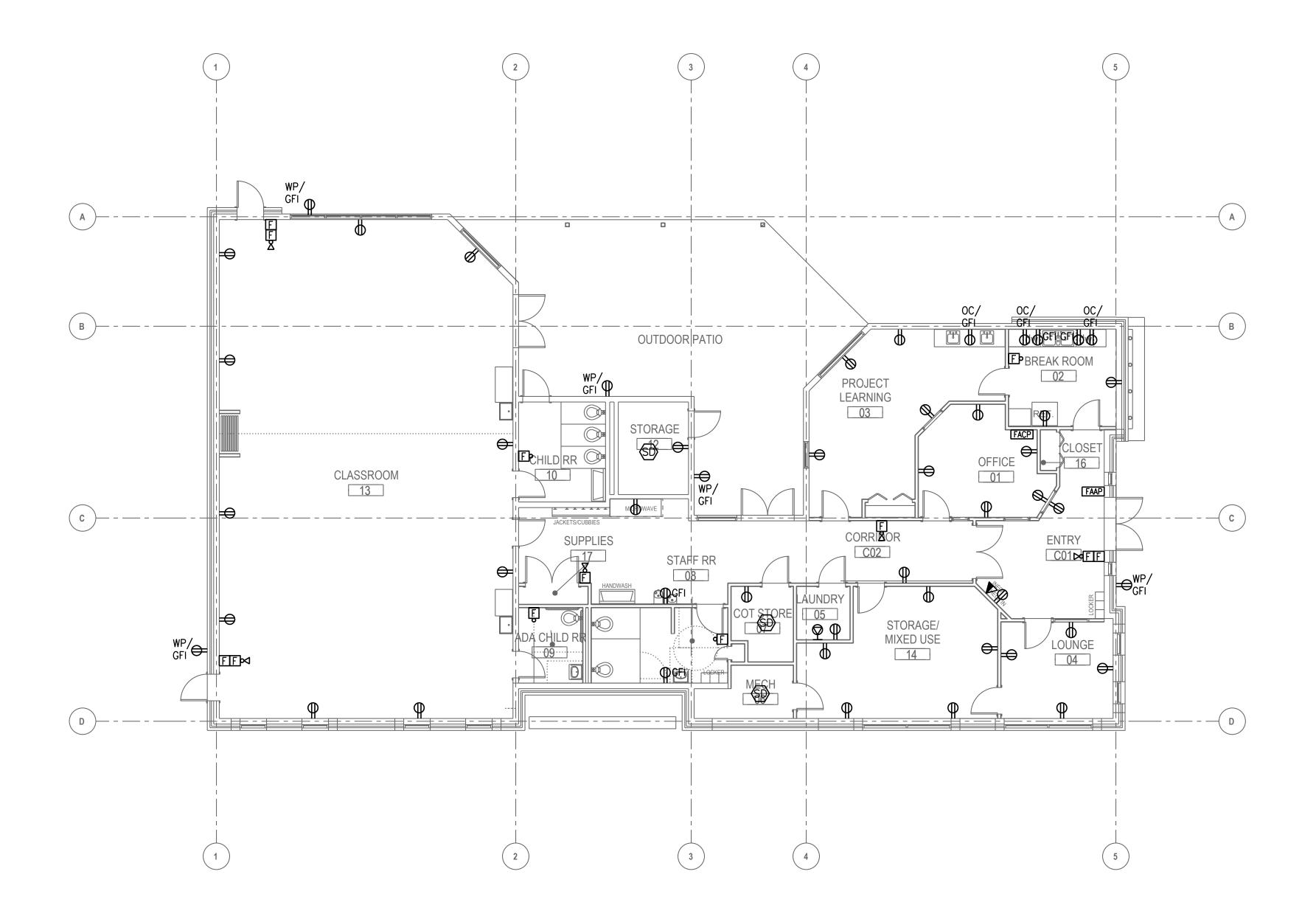
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E-002

## GENERAL NOTES:

- PROVIDE GFCI PROTECTION FOR ALL DEVICES LOCATED WITHIN 6' OF A SINK. WHERE GFCI DEVICES ARE PROVIDED, THEY SHALL BE INSTALLED IN A READILY ACCESSIBLE LOCATION.
- REFER TO MECHANICAL EQUIPMENT CONNECTION SCHEDULE FOR CIRCUITING REQUIREMENTS OF ALL MECHANICAL EQUIPMENT.
- 3. REFER TO MECHANICAL DRAWINGS FOR EXACT LOCATIONS OF ALL MECHANICAL EQUIPMENT.
- 4. VERIFY VOLTAGES OF ALL MECHANICAL EQUIPMENT WITH MECHANICAL SHOP DRAWINGS PRIOR TO ROUGH-IN.
- ALL 125V THROUGH 250V RECEPTACLES SUPPLIED BY SINGLE-PHASE BRANCH CIRCUITS RATED 150V OR LESS TO GROUND, 50 AMPERES OR LESS IN THE KITCHEN AND BAR AREAS SHALL BE GFCI PROTECTED. ALL GFCI DEVICES SHALL BE READILY ACCESSIBLE.
- 6. PROVIDE TAMPER RESISTANT RECEPTACLES AS REQUIRED BY NEC 406.12.



1 FLOOR PLAN - POWER Scale: 1/8" = 1'-0"



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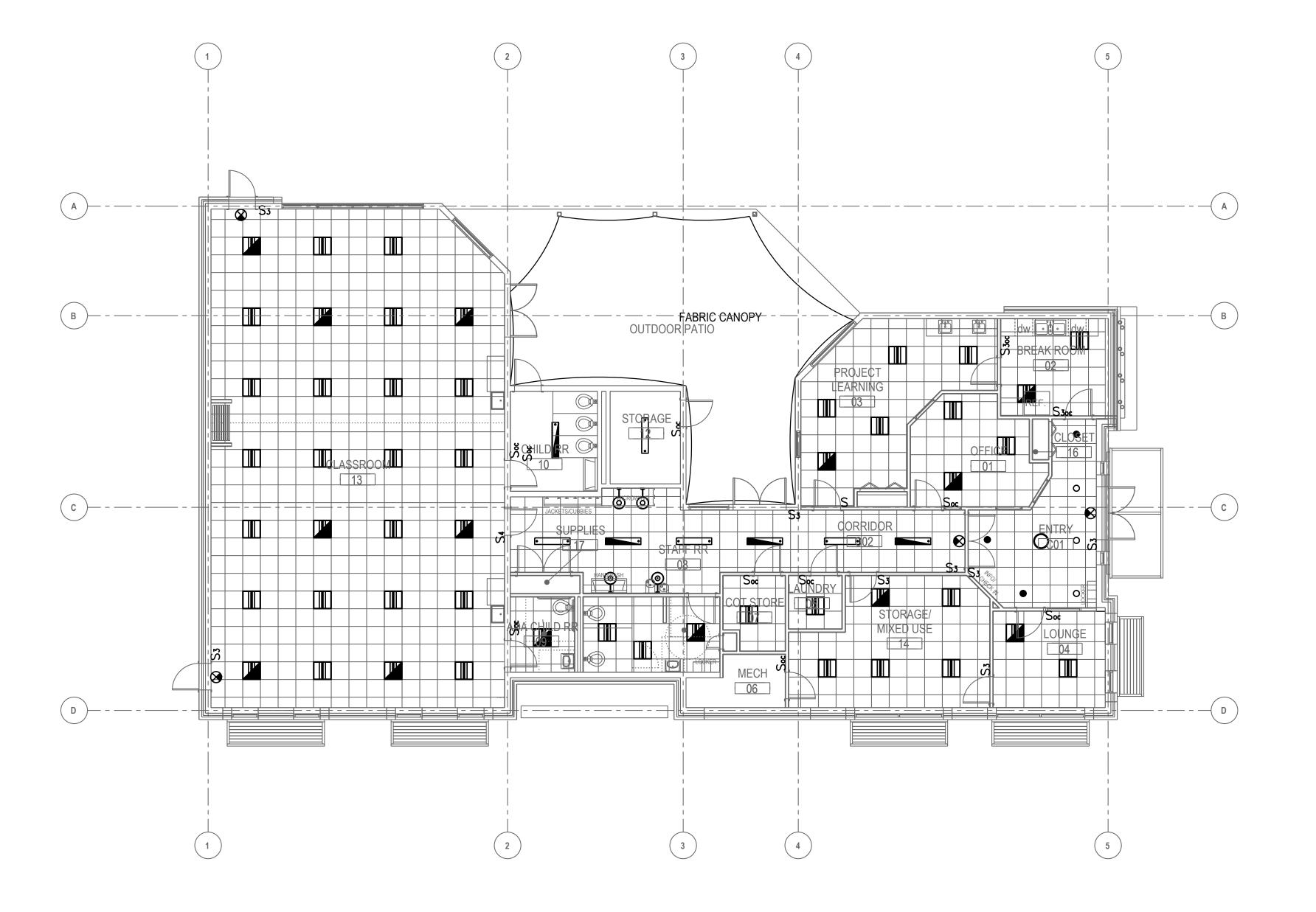
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PLAN POWER

PLAN NORTH TRUE

E-101

## GENERAL NOTES:

- REFER TO ARCHITECTURAL DRAWINGS FOR LIGHTING FIXTURE SCHEDULE.
- 2. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS OF ALL LIGHT FIXTURES.
- ALL EXIT SIGNS AND EGRESS LIGHTS SHALL BE UNSWITCHED UNLESS NOTED OTHERWISE.
- 4. CONTRACTOR SHALL ENSURE COMPATIBILITY OF FINAL FIXTURE PACKAGE WITH DIMMERS BEING PROVIDED.



1 FLOOR PLAN - LIGHTING Scale: 1/8" = 1'-0"



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	1		FIRE PROTECTION LEGEND						
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION						
	RISER DOWN (ELBOW)		VALVE IN CAST IRON BOX W/ CONC. PAD						
	RISER UP (ELBOW)	<b>≡</b> (F)	FLOW SWITCH						
0	RISE OR DROP		CONCENTRIC REDUCER						
<del></del>	BRANCH - BOTTOM CONNECTION		ECCENTRIC REDUCER						
ф	BRANCH - TOP CONNECTION		STRAINER						
I	BRANCH - SIDE CONNECTION	——————————————————————————————————————	UNION						
₩	VALVE IN RISE		CAP ON END OF PIPE						
<u></u>	ANGLE VALVE	, <del>T</del> ,	PLUGGED TEE						
$\triangleright$	SIDEWALL SPRINKLER	<u> </u>	PRESSURE GAUGE WITH GAUGE COCK						
	- CHECK VALVE	×	PIPE ANCHOR						
$\longrightarrow$	- SHUT-OFF VALVE	•	CONNECT TO EXISTING						
	- GLOBE VALVE	<b>≡</b> (T)	TAMPER SWITCH						
<b>─</b> ♥	PRESSURE REDUCING VALVE		FLOW - IN DIRECTION OF ARROW						
	SOLENOID OPERATED VALVE	+ <del>-</del>	BACKFLOW PREVENTER W/ STRAINER						
0	UPRIGHT SPRINKLER	<b>○-</b> ["	SIAMESE FIRE CONNECTION						
0	PENDENT SPRINKLER	OPXHI	STANDPIPE W/FIRE DEPT. VALVE						
•	CONCEALED SPRINKLER	M	METER						

#### FIRE PROTECTION SPECIFICATIONS

#### FIRE PROTECTION GENERAL

PROVIDE LABOR AND MATERIAL NECESSARY EQUIPMENT AND SERVICES FOR A NEW AUTOMATIC SPRINKLER SYSTEM.

DESCRIPTION: AUTOMATIC SPRINKLER FIRE PROTECTION SYSTEM CONSISTING OF DISTRIBUTION PIPING AND NEW SPRINKLER HEADS.

LAYOUT AND HYDRAULICALLY CALCULATE SYSTEM. BASIS OF DESIGN TO BE PER CURRENT EDITION OF NFPA NO. 13.

WIRING OF ALARMS PROVIDED UNDER ELECTRICAL DIVISION.

INTERFACE WITH EXISTING BUILDING FIRE ALARM SYSTEM.

#### QUALITY ASSURANCE

DESIGN AND INSTALLATION TO CONFORM TO LOCAL BUILDING CODES AND NFPA

EQUIPMENT AND COMPONENTS: BEAR UL LABEL OR MARKING.

#### REGULATORY REQUIREMENTS

HYDRAULIC CALCULATIONS, PRODUCT DATA, AND SHOP DRAWINGS: BEAR STAMP OF APPROVAL OF AUTHORITY HAVING JURISDICTION, FIRE MARSHAL, AND OWNER'S FIRE INSURANCE.

#### SUBMITTALS

INDICATE HYDRAULIC CALCULATIONS, DETAILED PIPE LAYOUT, HANGER AND SUPPORTS, COMPONENTS AND ACCESSORIES.

SUBMIT SHOP DRAWINGS, PRODUCT DATA, AND HYDRAULIC CALCULATIONS TO AUTHORITY HAVING JURISDICTION, FIRE MARSHAL, AND OWNER'S INSURANCE UNDERWRITER FOR APPROVAL <u>PRIOR</u> TO SUBMISSION TO ARCHITECT.

## PRODUCTS

PIPING: 2" & SMALLER — STANDARD WEIGHT SCHEDULE 40 BLACK STEEL PIPE, ASTM A120.
2-1/2" & LARGER — SCHEDULE 10 BLACK STEEL WITH ROLLED GROOVE.

FITTINGS: CAST IRON FITTINGS, ANSI/ASME B16, FLANGES AND FITTINGS OR B16.4, SCREWED FITTINGS.

SPRINKLER HEADS: AREAS WITH FINISHED CEILINGS: CENTRAL SPRINKLER CORP. OR TYCO.
HEAD TYPE: CONCEALED WITH WHITE COVER PLATE.

SPRINKLER HEAD: UNFINISHED AREAS: PROVIDE HEADS EQUAL TO EXISTING, COORDINATE LOCATIONS WITH DUCTWORK, LIGHTS, ETC.

#### **EXECUTION**

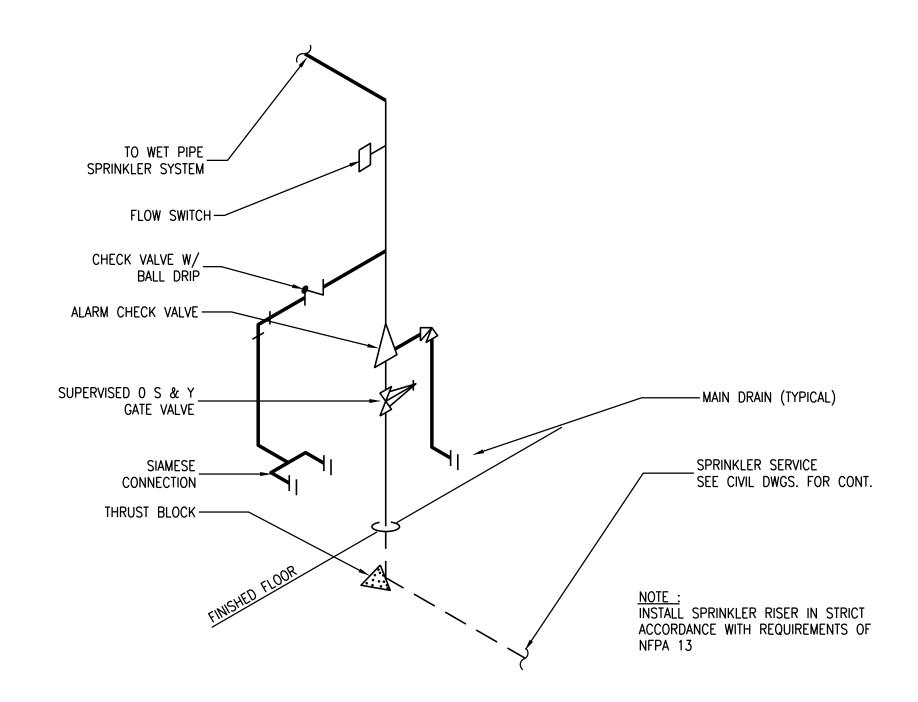
COORDINATE WORK OF THIS SECTION WITH OTHER AFFECTED WORK.

SPRINKLER SYSTEM COMPATIBLE WITH ARCHITECTURAL LAYOUTS AND AVOID INTERFERENCE WITH STRUCTURAL, ELECTRICAL, MECHANICAL, AND PLUMBING WORK. DUCTWORK HAS RIGHT OF WAY.

NOTE: CONTRACTOR SHALL COORDINATE WITH THE LANDLORD PRIOR TO COMMENCING SPRINKLER WORK AND SHUT DOWN OF THE SYSTEM.

#### FIRE PROTECTION NOTES:

- . PROVIDE A NEW AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH NFPA 13 FOR LIGHT HAZARD.
- 2. SYSTEM SHALL BE CAPABLE OF DELIVERING 0.10 GFM/SQFT. OVER THE MOST REMOTE 1500 SQFT. IN THE SPACE.
- 3. PROVIDE A SPRINKLER HEAD FOR EVERY 225 SQFT. IN FLOOR AREA
- WITH ADEQUATE FLOW TO MEET CRITERIA LISTED ABOVE.
- 4. PROVIDE PENDANT TYPE HEADS IN AREAS WITH CEILINGS. SEE ARCHITECTURAL REFLECTED CEILING PLANS FOR HEAD LOCATIONS.
- ANGINIEGIONAL NEI EEGIED GEIENG I EANS FON TIEAD EGGATIONS
- 5. SUPPORT PIPING FROM BUILDING STRUCTURAL ELEMENTS ONLY.6. COORDINATE LOCATIONS OF PIPING WITH THE WORK OF OTHER
- 6. COORDINATE LOCATIONS OF PIPING WITH THE WORK OF OTHER TRADES AND WITH SPECIALTY ITEMS SHOWN ON THE ARCHITECTURAL DRAWINGS.
- 7. PROTECT PIPING IN ATTIC AND OTHER NON-CONDITIONED CONDITIONS AS REQUIRED BY NFPA13. PROVIDE A DRY SYSTEM WHERE REQUIRED FOR CONDITIONS.



1 WET SPRINKLER RISER Scale: N.T.S.



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DOCUMENTS AND DRAWINGS.

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LEGEND,

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SPECIFICATIONS

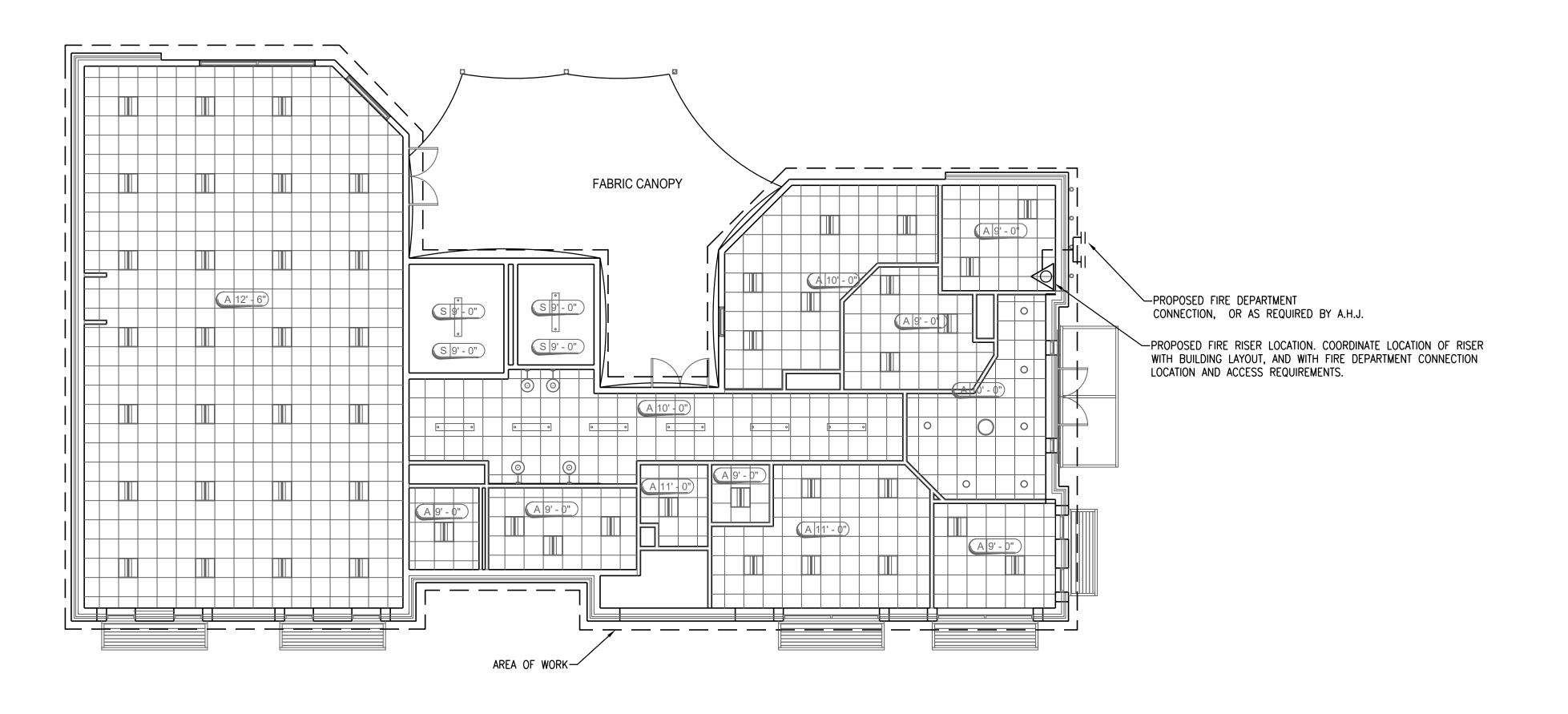
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1 FIRE PROTECTION PLAN
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