

IAM MASJIID
AT 105 MCMILLEN DRIVE
MURPHY, TEXAS
SHELL AND INTERIOR FINISH-OUT
OF RELIGIOUS FACILITY BUILDING

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06/16/2025

REGISTERED ARCHITECT STATE OF TEXAS

Original Date: SEPTEMBER 23, 2022

Issue Log

ISSUED FOR REVIEW	08/02/2024
ISSUED FOR REVIEW	08/26/2024
ISSUED FOR PERMIT	11/21/2024
ISSUED FOR CONSTRUCTION	11/21/2024
CITY COMMENTS	03/06/2025
CITY COMMENTS	04/03/2025
CITY COMMENTS	05/08/2025
CITY COMMENTS	06/18/2025
CITY COMMENTS	07/15/2025

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MURPHY, TEXAS 75094

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Sheet Number:
A001
Project Number:
23-003

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MRK DATE ISSUED FOR

12/29/2024	ISSUED FOR PERMIT
02/06/2025	ISSUED FOR CONSTRUCTION
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CODE DATA

GENERAL INFORMATION:

ADDRESS: 105 MCMILLEN DRIVE
MURPHY, TEXAS 75094

CODES:

CODE TYPE:
ALL CURRENT LOCAL AMENDMENTS ARE ALSO PART OF EACH OF THE FOLLOWING CODES:

BUILDING CODE	IBC 2021
PLUMBING CODE	IPC 2021
MECHANICAL CODE	IMC 2021
FIRE CODE	IFC 2021
ELECTRICAL CODE	NEC 2020
ENERGY CODE	IECC 2021
ACCESSIBILITY CODE	TAS, ADA, ANSI 117.1, 2021

OCCUPANCY TYPES: ASSEMBLY-A3
TYPE OF CONSTRUCTION: TYPE II-B PROTECTED

FIRST FLOOR AREA: 12,180 SF
SECOND FLOOR AREA: 6,757 SF
TOTAL BUILDING AREA: (12,180 + 6,757) = 18,937 SF
TOTAL OCCUPANCY (1ST FLOOR) = 950 PERSONS
TOTAL OCCUPANCY (2ND FLOOR) = 490 PERSONS
TOTAL OCCUPANCY (950 + 490) = 1440 PERSONS

BUILDING AREA AND EXIT REQUIREMENTS

BUILDING	BLDG. SQ.FT.	TOTAL OCCUPANCY	EXIT WIDTH REQ'D	EXIT WIDTH PROV'D
ASSEMBLY-A3 RELIGIOUS FACILITY	18,937	1440	288"	548"

MAXIMUM TRAVEL DISTANCE TO EXIT (FT.) (WO/ SPRINKLER SYSTEM) 250 FT.
MAXIMUM TRAVEL DISTANCE TO EXIT (FT.) (W/ SPRINKLER SYSTEM) 150 FT.
MAXIMUM DEAD END CORRIDOR LENGTH (FT.) 20 FT.
MINIMUM CORRIDOR/AISLE WIDTH (IN.) SEE NOTES 1 & 2 44 IN.
MINIMUM CLEAR OPG OF EXIT DOORS (IN.) 34 IN.
MINIMUM STAIR WIDTH (IN.) 44 IN.

NOTES:

1. 44 INCHES ACCEPTABLE IF STAIR OR CORRIDOR SERVES OCCUPANT LOAD LESS THE 50.
2. ALL EXTERIOR WALLS TO BE MIN 1 HR ASSEMBLY - UNO

PLUMBING FIXTURE COUNT TABLE 403.1 IPC 2021

TOTAL OCCUPANCY: 1440	
MALE OCCUPANCY: 720	
FEMALE OCCUPANCY: 720	

ASSEMBLY CLASSIFICATION	OCCUPANCY	WATER CLOSETS		LAVATORIES		DRINKING FOUNTAIN		SERVICE SINK	
		REQUIRED	PROVIDED	REQUIRED	PROVIDED	REQUIRED	PROVIDED	REQUIRED	PROVIDED
A3	1 PER 150 (M)		5M AND 10F	1 PER 200	5M AND 6F	1 PER 100	1	TOTAL 210+4	TOTAL 11+10
	1 PER 75 (F)		TOTAL 18	4 + 4 = 8 TOTAL	TOTAL 11				
	5 + 10 = 15 TOTAL		REQUIRED	REQUIRED					

DEFERRED SUBMITTALS

1. AUTOMATIC FIRE SPRINKLER SYSTEM
2. FIRE ALARM SYSTEM
3. UNDERGROUND FIRE SERVICE
4. TYPE I HOOD SUPPRESSION SYSTEM

GENERAL NOTES

- THE CONTRACTOR SHALL VISIT THE PROJECT SITE, INVESTIGATE, AND BECOME FAMILIAR WITH ALL EXISTING CONDITIONS PRIOR TO BIDDING THE PROJECT. ADDITIONAL COSTS WILL NOT BE AWARDED FOR EXISTING CONDITIONS WHICH ARE VISIBLE AND/OR CAN BE REASONABLY ANTICIPATED.
- THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL DIMENSIONS, SITE GRADES, ETC. PRIOR TO CONSTRUCTION, AND NOTIFY THE ARCHITECT OF ANY DISCREPANCIES THAT COULD AFFECT THE DESIGN AND FINISH-OUT OF THE PROJECT.
- ALL CONSTRUCTION SHALL COMPLY WITH ALL APPLICABLE CITY AND STATE CODES AND STANDARDS.
- THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING THE WORK OF ALL UTILITY COMPANIES AND PERFORMING ALL WORK REQUIRED BY THEM.
- THE CONTRACTOR SHALL PICK-UP ALL REQUIRED PERMITS AND CERTIFICATE OF OCCUPANCY, TAP FEES & ANY OTHER FEES SHALL BE PAID BY THE CONTRACTOR. THE OWNER SHALL PAY FOR THE PERMITS & CERTIFICATE OF OCCUPANCY.
- THE CONTRACTOR IS RESPONSIBLE FOR INSURING PROPER FILLING AND COMPACTION OF UTILITY COMPANY TRENCHES, BOTH INTERIOR & EXTERIOR.
- CONTRACTOR TO PROTECT ALL EXISTING BUILDINGS AND ALL EXISTING ABOVE AND BELOW GRADE UTILITIES. CONTRACTOR WILL REPAIR ALL DAMAGE TO EXISTING CONDITIONS.
- ALL EXCAVATION, TRENCHING, ETC. REQUIRED IN ROCK SUBGRADE TO BE PART OF CONTRACT, EXCEPT AS RELATING TO SITE WORK. SHORE AND BRACE ALL EXCAVATIONS IN ACCORDANCE WITH CITY, STATE AND U.S.A. REQUIREMENTS.
- ALL ACCESSIBLE ROUTES SHALL BE SLOPED 4.75% MAX. IN THE DIRECTION OF TRAVEL AND 1.75% ON CROSS SLOPES. ALL LANDINGS SHALL NOT EXCEED 1.75% IN ALL DIRECTIONS.
- CONTRACTOR TO EXERCISE EXTREME CARE IN CONSTRUCTION TO OR ADJACENT TO EXISTING BUILDINGS. PROVIDE ALL SHORING OR OTHER PROTECTION NECESSARY TO PREVENT DISTURBING BUILDING SUBGRADE OR FOUNDATIONS.
- CONTRACTOR IS TO INSTALL RAMPS AND SIGNAGE FOR ACCESSIBILITY PER CITY, STATE, AND ADA REQUIREMENTS. ALL CURB AND EXIT DOOR RAMPS, INTERIOR & EXTERIOR, ARE TO HAVE HEAVY BROWN FINISH PERPENDICULAR TO DIRECTION OF TRAVEL.
- ALL MAIN AND BRANCH SPRINKLER LINES, ELECTRICAL AND PLUMBING LINES ARE TO BE RUN AS HIGH AS POSSIBLE WITHIN THE ROOF STRUCTURE. SPACE WHEREVER THIS IS POSSIBLE. WHEN LINES ARE RUN BELOW ROOF STRUCTURE, THEY ARE TO BE HELD AS TIGHT AS POSSIBLE TO BOTTOM OF STRUCT. ALL LINES ARE TO BE SUSPENDED FROM TOP JOIST AND CROSD CHORDS. ANY CHANGES IN LINE ROUTING ARE TO BE AS 90° PARALLEL TO STRUCTURE.
- PROVIDE ADEQUATE BLOCKING AS REQUIRED TO SUPPORT ELECTRIC PANELS, ACCESS ROOF LADDER, HOOKS, WALL MOUNTED SIGNAGE, ETC.
- DO NOT SUSPEND ANY ITEMS FROM THE BOTTOM JOIST CHORD, HORIZ. BRIDGING OR X-BRIDGING, OR PIPING AND CONDUITS, METAL ROOF OR FLOOR DECKS AND/OR ANY WORK BY OTHER TRADES. REFER TO STRUCT. DMS FOR JOIST LINES NOT SHOWN ON THE STRUCT. FRAMING PLANS(S) CONSULT ARCHITECT AND STRUCTURAL ENGINEER IF THE DETAILS(S) ARE NOT PROVIDED OR MAY NOT BE APPLICABLE TO SPECIFIC LOADING CONDITIONS(S).
- UNLESS OTHERWISE INDICATED, EACH SUBCONTRACTOR AND GENERAL CONTRACTOR IS RESPONSIBLE FOR ADEQUATELY BRACING & SUPPORTING ALL ITEMS FROM THE ROOF STRUCTURE FOR LIGHTLY LOADED AND TO TO RESIST SEISMIC MOVEMENTS AS REQ'D. BY ALL APPLICABLE CODES (ANY BRACING W/ A SIGNIFICANT VISUAL IMPACT IS SUBJECT TO ARCHITECT APPROVAL).
- CONTRACTOR IS RESPONSIBLE FOR VERIFYING AND PROVIDING ALL A.D.A. REQUIREMENTS, PRIOR TO START OF CONSTRUCTION.
- CONTRACTOR TO PROVIDE TEMPORARY SAFETY GUARD RAILS AT ALL FLOOR OPENINGS UNTIL TENANT CONSTRUCTION STARTS.
- AN APPROVED SINGLE SET OF PLANS (BUILDING, FIRE, SPRINKLER, FIRE ALARM, ETC.) SHALL BE ON THE JOB SITE DURING CONSTRUCTION. CONTRACTOR SHALL COORDINATE THE ACTUAL LOCATION OF APPROVED PLANS TO CONSIDER W/ INSPECTIONS TRAILING PLANE.
- ALL EXIT DOOR HARDWARE IS TO COMPLY WITH LOCAL, STATE, AND FEDERAL A.D.A. REQUIREMENTS, WHETHER SPECIFICALLY INDICATED IN HARDWARE NOTES OR SPECIFICATIONS. THIS INCLUDES, BUT NOT NECESSARILY LIMITED TO: DOOR CLOSERS, LATCH SETS, LOCK SETS, PRIVACY SETS, PANIC HARDWARE, CONTROLLED, AUTOMATIC BOLTS AND DOOR MOUNTED ELECTRICAL STRIKES AND ALARMS.
- ALL EXPOSED EXTERIOR WALL MOUNTED CONDUITS, BUS, OUTLETS, JUNCTION BOXES, PANELS, METERS, PIPES, ETC. ARE TO BE THREE (3) COAT PAINTED WITH COLOR TO BE SELECTED BY THE ARCHITECT. ALL EXPOSED EXPOSED CONDUIT PIPES, JUNCTION BOXES, ROOF SCUTLES ETC. ABOVE THE ROOF BOTH IN WILD FIELD AREAS AND ON BACKS OF PARAPETS ARE TO BE THREE (3) COAT PAINTED; COLOR TO BE SELECTED BY THE ARCHITECT.
- ALL CUTS SHALL BE OPERABLE FROM THE INSIDE WITHOUT THE USE OF A KEY. SALES AREA ENTRANCE DOORS SHALL HAVE A SIGN STATING "THESE DOORS SHALL REMAIN UNLOCKED DURING BUSINESS HOURS" IN ONE-INCH (1") HIGH LETTERS MIN. OR AS REQUIRED BY CODE.
- MOUNTING HEIGHTS: WHERE MOUNTING HEIGHTS ARE NOT INDICATED, INSTALL COMPONENTS AT MOUNTING HEIGHTS REQUIRED BY THE MOST RECENT EDITION OF THE AMERICANS WITH DISABILITIES ACT FOR ANY PARTICULAR APPLICATION INDICATED. REFER ANY QUESTIONABLE MOUNTING HEIGHT DECISIONS TO THE ARCHITECT FOR FINAL DECISION.
- CONTRACTOR IS TO REFER TO M.E.P. DRAWING AND PROJECT MANUAL (IF ANY) FOR ANY HUNG ACCESS PANELS NOT INDICATED IN ARCH. DMS AND PROJ. MANUAL. CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL ACCESS PANEL LOCATIONS FOR DRYWALL, TILE, ETC., AND PLASTER WORK WITH ALL TRADES.
- HAZARDOUS MAT'L'S. MAY NOT BE STORED, USED OR DISPOSED.
- SOON CONTRACTOR SHALL OBTAIN SEPARATE APPROVALS AND PERMITS FROM OWNER AND APPLICABLE AGENCIES PRIOR TO INSTALLATION OF ANY SIGN.
- WOOD PRODUCTS THAT ARE USED IN NON-COMBUSTIBLE BLDGS. SHALL BE PRESSURE-TREATED WITH AN APPROVED FIRE RETARDANT IN ACCORDANCE WITH THE 1997 UBC CODE.
- PROVIDE AN APPROVED FIRE SPRINKLER SYSTEM PER NFPA STANDARDS AND THE APPLICABLE A.D.A. CODE AND IS REGULATED BY LOCAL CITY AUTHORITIES. SUBMIT DRAWINGS FOR APPROVAL PRIOR TO COMMENCING WORK.
- "TYPICAL" NOTES APPLY TO ALL SIMILAR CONDITIONS. TYPICAL DETAILS ARE COMMON CONSTRUCTION CONDITIONS AND APPLY TO ALL CIRCUMSTANCES UNLESS NOTED OTHERWISE.
- THE DRAWINGS AND THE PROJECT IS CONSIDERED PARTS OF THE CONTRACT DOCUMENTS. THE CONTRACTOR IS RESPONSIBLE FOR THE REVIEW AND CONFORMANCE TO ALL CONTRACT DOCUMENTS. IN THE CASE OF APPARENT CONFLICTS AND DISCREPANCIES BETWEEN THE DRAWINGS AND THE PROJECT MANUAL, AND WITHIN THE DRAWING AND THE PROJECT MANUAL DOCUMENTS THEMSELVES, CONTRACTOR IS TO NOTIFY ARCHITECT IN WRITING OF SUCH APPARENT CONFLICTS AND REQUEST CLARIFICATION FROM THE ARCHITECT. NO ADDITIONAL COSTS OR DELAYS IN SCHEDULE WILL BE ACCEPTED DUE TO CONTRACTOR'S MISINTERPRETATIONS AND FAILURES TO REQUEST CLARIFICATIONS.

GRAPHIC LEGEND

	PARTITION TYPE SYMBOL & LETTER
	ELEVATION REFERENCE
	ROOM NAME ROOM NUMBER
	WALL SECTION REFERENCE
	DETAIL SECTION REFERENCE
	LEVEL DATUM AND ELEVATION POINT
	WINDOW TYPE SYMBOL
	LARGE SCALE DETAIL PLAN, PLAN SECTION, OR VERTICAL SECTION REFERENCE
	DOOR NUMBER
	TRUE NORTH
	PLAN NORTH
	SHEET NUMBERING
	DETAIL NUMBERING
	REFERENCE DETAIL NUMBER ON SHEET
	SHEET NUMBER IN CHAPTER
	REVISION NUMBER/LETTER AND DELTA SYMBOL
	"CLOUDED" AREA REVISED
	COLUMN GRID

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		S-2.0	FOUNDATION AND SLAB ON GRADE PLAN
		S-2.1	1ST FLOOR FRAMING PLAN
		S-2.2	ROOF FRAMING PLAN
		S-2.3	FRAMING ELEVATIONS
		S-3.0	FOUNDATION DETAILS
		S-3.1	FOUNDATION DETAILS
		S-3.2	FOUNDATION DETAILS
		S-3.3	FOUNDATION DETAILS
		S-3.4	FOUNDATION DETAILS
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		A200	LIFE SAFETY PLAN-MASJID
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		A702	DOOR WINDOW DETAILS
		A801	PARTITIONS
		A201	FURNISHING PLAN
		A202	FURNISHING PLAN

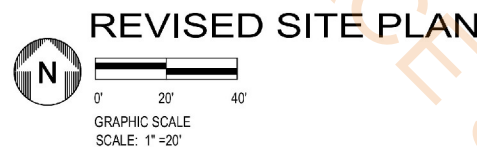
INDEX TO DRAWINGS

REVISION	TRADE	SHEET	DESCRIPTION
	MECHANICAL + PLUMBING	M1.0	FIRST FLOOR HVAC PLAN
		M1.1	SECOND FLOOR HVAC PLAN
		M1.2	ROOF HVAC PLAN
		M2.0	GENERAL NOTES AND SCHEDULE
		M3.0	DETAILS
		P1.0	FIRST FLOOR PLAN-SANITARY AND VENT
		P1.1	SECOND FLOOR PLAN-SANITARY AND VENT
		P1.2	FIRST FLOOR PLAN-WATER AND GAS
		P1.3	SECOND FLOOR PLAN-WATER AND GAS
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		P2.0	RISER DIAGRAM-DWV
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		E401	ELECTRICAL DETAILS
		ESP-1	ELECTRICAL SITE PLAN
		ESP-2	ELECTRICAL PHOTOMETRIC PLAN

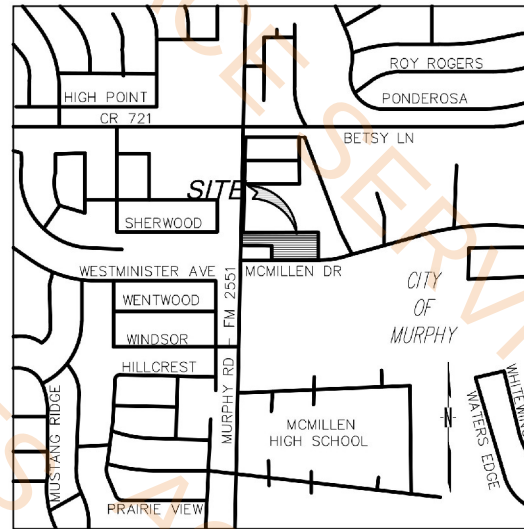
- 4" White Parking Strips
- Handicap Van Parking Sign
- Monument Sign
- 8ft Masonry Screening Fence
- Fire Lane
- 6" Wx 5' L Precast Smooth Form Finish Concrete Wheel stop
- 4" Concrete Curb
- 8" Concrete Apron
- Directional Arrow
- 4" Concrete Slab (WWF 6x6xW1.4xW1.4)
- Accessible Parking Sign and Van Accessible Parking Sign

- 4926.3 FT
- 7.0 EA
- 1.0 EA
- 1325.1 FT
- 2279.5 FT
- 60.0 EA
- 4085.4 FT
- 109428.5 SQ FT
- 16.0 EA
- 3204.0 SQ FT
- 7.0 EA

LOT 11 LOT 10 LOT 9 LOT 8 LOT 7 LOT 6 LOT 5 LOT 4 LOT 3 LOT 2



REVISED SITE PLAN



VICINITY MAP
SCALE: NTS

BUILDING	A-ASSEMBLY + B-BUSINESS
TYPE	
STORY	2
MAX HEIGHT OF THE BUILDING (Excluding Architectural Features)	35'
FLOOR AREA	
PHASE 1	
FIRST FLOOR AREA:	12,180SF
SECOND FLOOR AREA:	6,281SF
TOTAL FLOOR AREA:	18,461SF
MEN'S PRAYER AREA:	5,050SF
WOMEN'S PRAYER AREA:	2,454SF
TOTAL PRAYER AREA:	7,504SF
PHASE 2	
FIRST FLOOR AREA:	7,000SF
(MULTI PURPOSE HALL AND CLASSROOMS):	
SECOND FLOOR AREA (CLASSROOMS):	5,803SF
TOTAL FLOOR AREA:	12,803SF
TOTAL PRAYER AREA:	1,824SF
PARKING AREA: PHASE 1 & PHASE 2	
MEN'S PRAYER AREA:	7,488SF
WOMEN'S PRAYER AREA:	1,912SF
TOTAL PRAYER AREA:	9,400SF
PHASE 1 PARKING	
1 PARKING SPACE PER 4 PERSON	7,504 / 4 = 938
REQUIRED PARKING	
PRAYER	938/4 = 235 SPACES
TOTAL REQUIRED PARKING (# spaces)	235 SPACES
PROVIDED PARKING FOR PHASE 1	235 SPACES
PHASE 2 PARKING	
REQUIRED PARKING	1824 / 4 = 239 3/4 = 57
PROVIDED PARKING (PHASE 1 & PHASE 2)	(235 + 56) = 292 SPACES
REQUIRED PARKING PHASE 1 AND PHASE 2	292 SPACES
CITY COUNCIL HAS APPROVED FOR 292 PARKING SPACES.	

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Sheet Number:
A100
Project Number:
23-003

- 1/2" Expansion Joint W/Sealant
CJ(Control Joint)
4" Concrete Slab (WWF 6x6xW1.4xW1.4)
Hand Railing
Accessible Concrete Ramp

134.2 FT
418.4 FT
2775.4 SQ FT
28.7 FT
104.4 SQ FT



- TYPICAL NOTES:**
1. WALKS TO BE SLOPED AWAY FROM BUILDING AT A MINIMUM OF 1.25% AND A MAXIMUM OF 1.75%.
 2. EXTEND ALL EXPANSION JOINTS THRU FACE OF CURB, INTO INTERSECTING EXP. JOINT, OR TO LANDSCAPE AREA.
 3. PROVIDE DOWELED EXPANSION JOINTS (E.J.) AS SHOWN OR AT A MINIMUM 50'-0" O.C. IF NOT SHOWN, AND AT ALL CHANGES IN DIRECTION.
 4. PROVIDE TOOLED CONTROL JOINTS (AS SHOWN OR 5'-0" O.C. IF NOT SHOWN, (EQUAL SPACING BETWEEN CONTROL JOINTS AND EXPANSION JOINTS))
 5. DOWEL CONC. WALK INTO SLAB OR GRADE BEAM AT EXT. DOORS AND STOREFRONT DOORS, AND AT STOREFRONT SYSTEM.
 6. ALL SIDEWALK CONCRETE TO BE BROOM FINISHED UNLESS INDICATED OTHERWISE.
 7. ALL TREE LEAVEOUTS IN SIDEWALKS TO HAVE SELECTED SOIL BELOW PAVING, REF. DETAILS.

11/21/2024



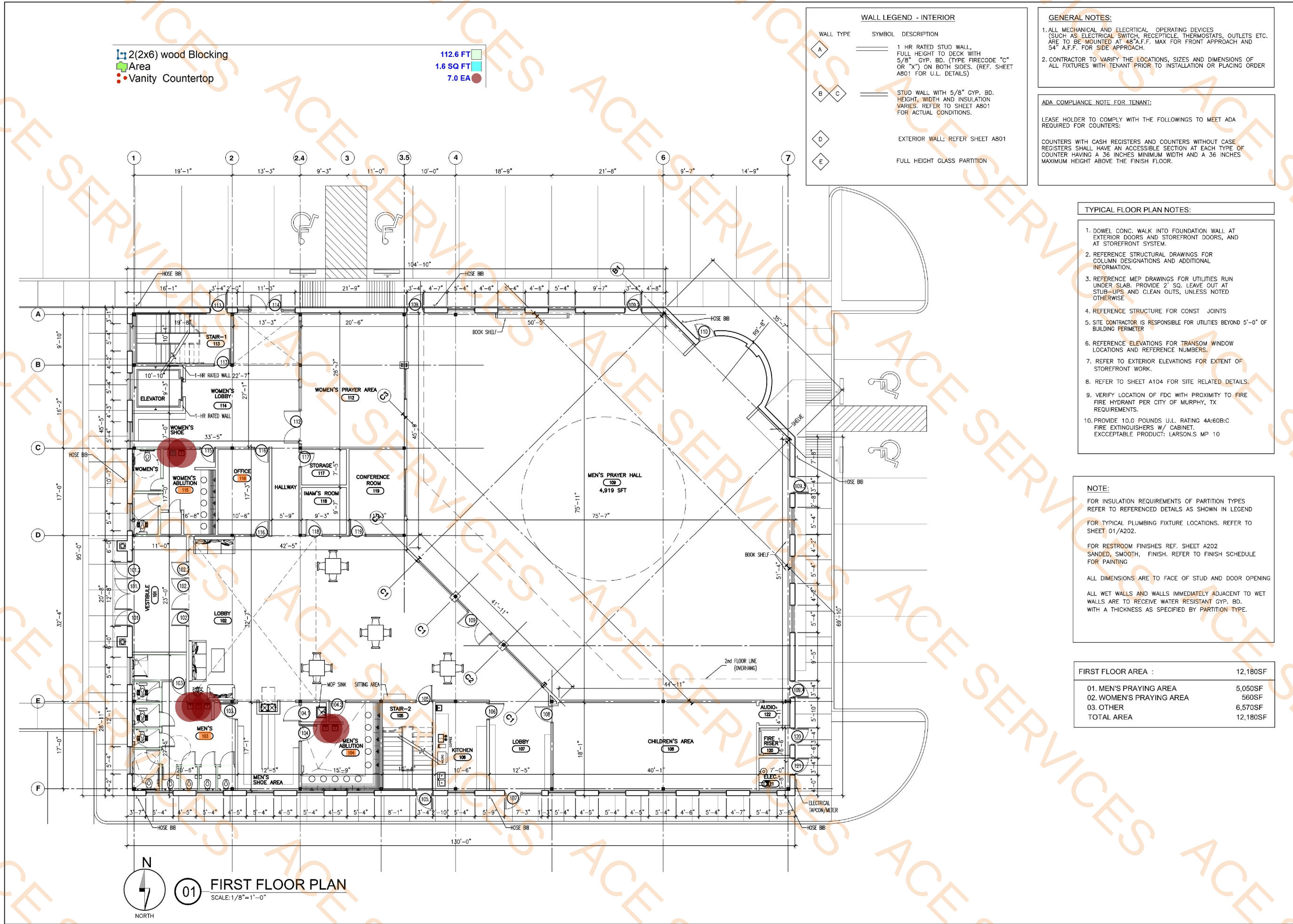
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Sheet Number:

A201

Project Number:

23-003

- Wall ht 15' 5/8" Typ X Gyp on B.s) with 6" M.Stud (1-hr rated)
Wall ht 15' 5/8" Gyp on B.s) with 2-1/2" M.Stud
Wall ht 15' 5/8" Gyp on B.s) with 6" M.Stud
Exterior Wall /ht(15') with 5/8" type X GYP on one side W 6" M.Stud
Wall ht 15 (Glass Partion)
Exterior Wall /ht(15') with 5/8" MR GYP on one side W 6" M.Stud
Microwave
2'-5" Dx2'-6"H Base Cabinets with Doors and Hardware
1'-0" D Book Shelf
3'-0" D Book Shelves
1'-5" D-Book Shelves
Concrete Seat

98.9 FT
37.4 FT
281.8 FT
388.8 FT
37.5 FT
46.2 FT
1.0 EA
14.4 FT
14.1 FT
20.0 FT
46.2 FT
15.0 EA

WALL LEGEND - INTERIOR

WALL TYPE	SYMBOL	DESCRIPTION
A		1 HR RATED STUD WALL, FULL HEIGHT TO DECK WITH 5/8" GYP. BD. (TYPE FIRECODE "C" OR "X") ON BOTH SIDES. (REF. SHEET A801 FOR U.L. DETAILS)
B		STUD WALL WITH 5/8" GYP. BD. HEIGHT, WIDTH AND INSULATION VARIES. REFER TO SHEET A801 FOR ACTUAL CONDITIONS.
C		STUD WALL WITH 5/8" GYP. BD. HEIGHT, WIDTH AND INSULATION VARIES. REFER TO SHEET A801 FOR ACTUAL CONDITIONS.
D		EXTERIOR WALL: REFER SHEET A801
E		FULL HEIGHT GLASS PARTITION

GENERAL NOTES:

- ALL MECHANICAL AND ELECTRICAL OPERATING DEVICES (SUCH AS ELECTRICAL SWITCH, RECEPTACLE, THERMOSTATS, OUTLETS ETC. ARE TO BE MOUNTED AT 48" A.F.F. MAX FOR FRONT APPROACH AND 54" A.F.F. FOR SIDE APPROACH.
- CONTRACTOR TO VERIFY THE LOCATIONS, SIZES AND DIMENSIONS OF ALL FIXTURES WITH TENANT PRIOR TO INSTALLATION OR PLACING ORDER

ADA COMPLIANCE NOTE FOR TENANT:

LEASE HOLDER TO COMPLY WITH THE FOLLOWINGS TO MEET ADA REQUIRED FOR COUNTERS:

COUNTERS WITH CASH REGISTERS AND COUNTERS WITHOUT CASE REGISTERS SHALL HAVE AN ACCESSIBLE SECTION AT EACH TYPE OF COUNTER HAVING A 36 INCHES MINIMUM WIDTH AND A 36 INCHES MAXIMUM HEIGHT ABOVE THE FINISH FLOOR.

TYPICAL FLOOR PLAN NOTES:

- DOWEL CONC. WALK INTO FOUNDATION WALL AT EXTERIOR DOORS AND STOREFRONT DOORS, AND AT STOREFRONT SYSTEM.
- REFERENCE STRUCTURAL DRAWINGS FOR COLUMN DESIGNATIONS AND ADDITIONAL INFORMATION.
- REFERENCE MEP DRAWINGS FOR UTILITIES RUN UNDER SLAB, PROVIDE 2' SQ. LEAVE OUT AT STUB-UPS AND CLEAN OUTS, UNLESS NOTED OTHERWISE
- REFERENCE STRUCTURE FOR CONST JOINTS
- SITE CONTRACTOR IS RESPONSIBLE FOR UTILITIES BEYOND 5'-0" OF BUILDING PERIMETER
- REFERENCE ELEVATIONS FOR TRANSOM WINDOW LOCATIONS AND REFERENCE NUMBERS.
- REFER TO EXTERIOR ELEVATIONS FOR EXTENT OF STOREFRONT WORK.
- REFER TO SHEET A104 FOR SITE RELATED DETAILS.
- VERIFY LOCATION OF FDC WITH PROXIMITY TO FIRE FIRE HYDRANT PER CITY OF MURPHY, TX REQUIREMENTS.
- PROVIDE 10.0 POUNDS U.L. RATING 4A:60B:C FIRE EXTINGUISHERS W/ CABINET. EXCEPTABLE PRODUCT: LARSON'S MP 10

NOTE:

FOR INSULATION REQUIREMENTS OF PARTITION TYPES REFER TO REFERENCED DETAILS AS SHOWN IN LEGEND
FOR TYPICAL PLUMBING FIXTURE LOCATIONS, REFER TO SHEET 01/A202.

FOR RESTROOM FINISHES REF. SHEET A202
SANDED, SMOOTH, FINISH. REFER TO FINISH SCHEDULE FOR PAINTING

ALL DIMENSIONS ARE TO FACE OF STUD AND DOOR OPENING

ALL WET WALLS AND WALLS IMMEDIATELY ADJACENT TO WET WALLS ARE TO RECEIVE WATER RESISTANT GYP. BD. WITH A THICKNESS AS SPECIFIED BY PARTITION TYPE.

FIRST FLOOR AREA :	12,180SF
01. MEN'S PRAYING AREA	5,050SF
02. WOMEN'S PRAYING AREA	560SF
03. OTHER	6,570SF
TOTAL AREA	12,180SF



01 FIRST FLOOR PLAN

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

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06/16/2025



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CITY COMMENTS	04/03/2025
CITY COMMENTS	05/08/2025
CITY COMMENTS	06/11/2025
CITY COMMENTS	07/15/2025

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IAM MASJID

SHELL + INTERIOR FINISH-OUT

AT 105 McMILLEN DRIVE
MURPHY, TEXAS 75094

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Sheet Number:

A201

Project Number:

23-003



- 2(2x6) wood Blocking
- (D) Toilet Paper Holder
- 42" Grab bar
- 36" Grab bar

TOILET PAPER HOLDER Grab bar		MOUNTING HEIGHT	REMARKS
TOILET PAPER HOLDER Grab bar		BOTTOM OF REFLECTIVE SURFACE @ 40" AFF.	PROVIDED BY G.C. (A) FULL COUNTER LENGTH
(B)	PAPER TOWEL DISPENSER/DISPOSAL	@ 40" AFF.	PROVIDED BY TENANT
(C)	SOAP DISPENSER	BOTTOM @ 33" AFF.	PROVIDED BY G.C.
(D)	TOILET PAPER HOLDER	BOTTOM @ 20" AFF.	PROVIDED BY G.C.
(E)	42" GRAB BAR	TOP @ 33" AFF.	SURFACE MOUNTED, STAINLESS STEEL 42" LONG-BOBRICK WASHROOM EQUIP. OR APPROVED EQUAL.
(F)	36" GRAB BAR	TOP @ 33" AFF.	SURFACE MOUNTED, STAINLESS STEEL 36" LONG-BOBRICK WASHROOM EQUIP. OR APPROVED EQUAL.



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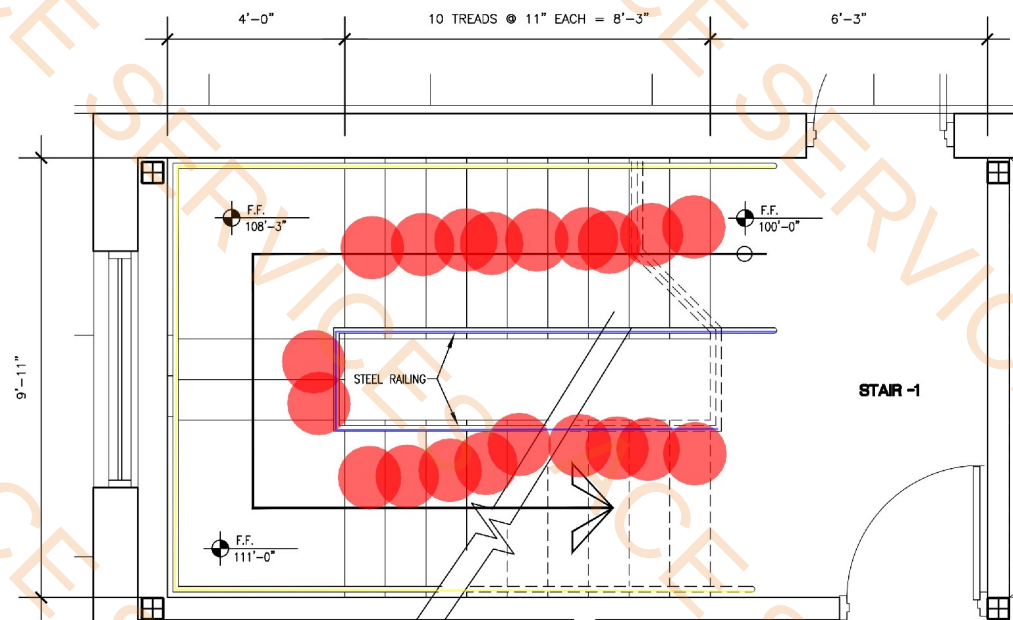
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Sheet Number:
A205
Project Number:
23-003

- Stair 1 and 2 Hand Railing
- Stair 1 and 2 Guard Railing
- Stair Tread (11"Dx 7" H)

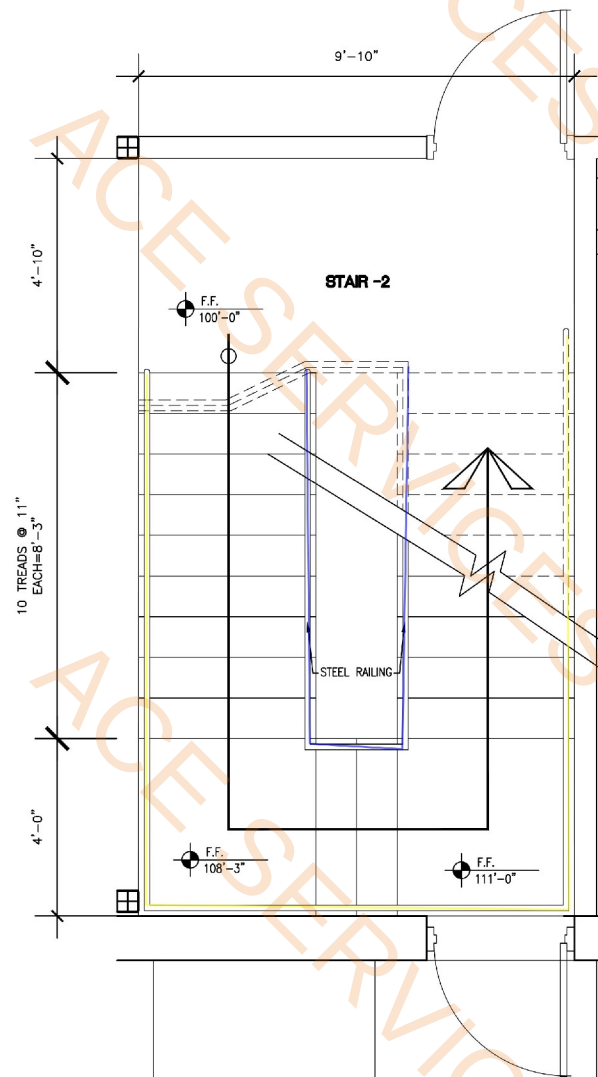
70.9 FT
40.1 FT
20.0 EA



01 ENLARGED PLAN-STAIR 1

SCALE: 1/2" = 1'-0"

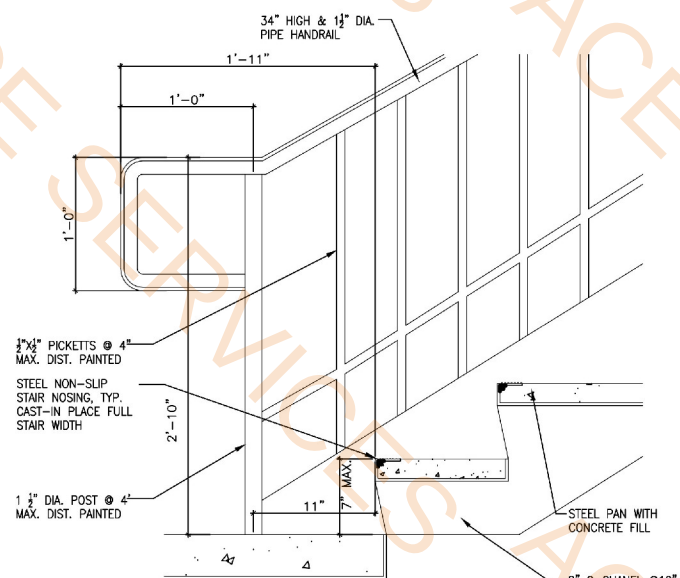
STAIR-LEVEL-1



02 ENLARGED PLAN-STAIR 2

SCALE: 1/2" = 1'-0"

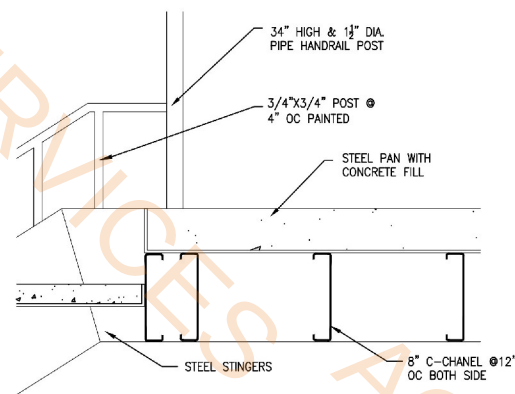
STAIR-LEVEL-1



03 STAIR DETAIL

SCALE: 1 1/2" = 1'-0"

C:\Projects\23003\details\STD01



04 STAIR DETAIL

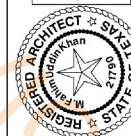
SCALE: 1 1/2" = 1'-0"

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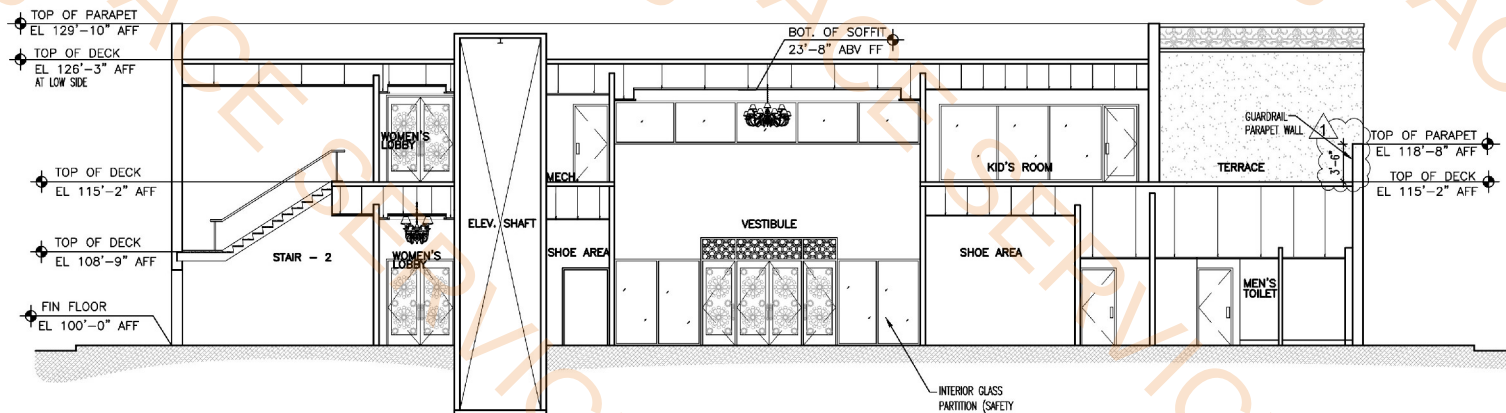
A206

Project Number:

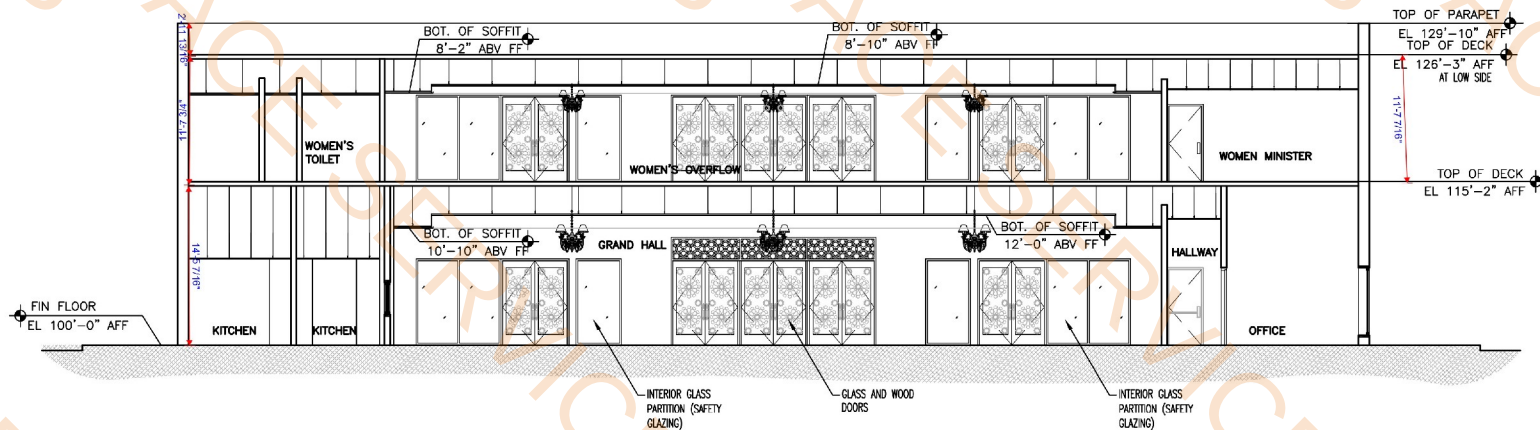
23-003

48" High Wood Hand Rail

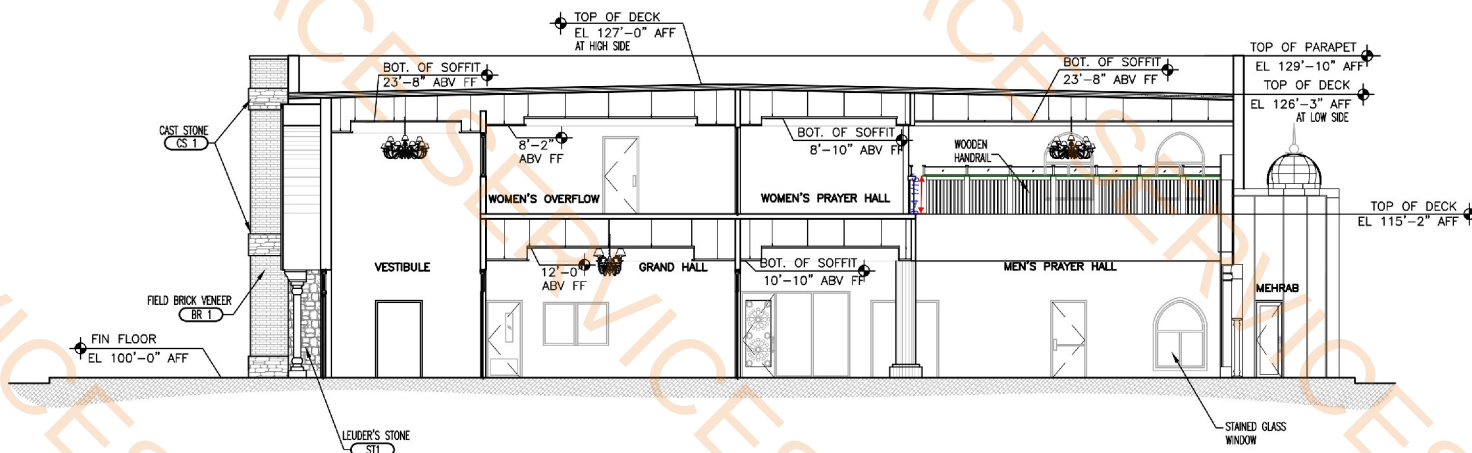
27.0 FT



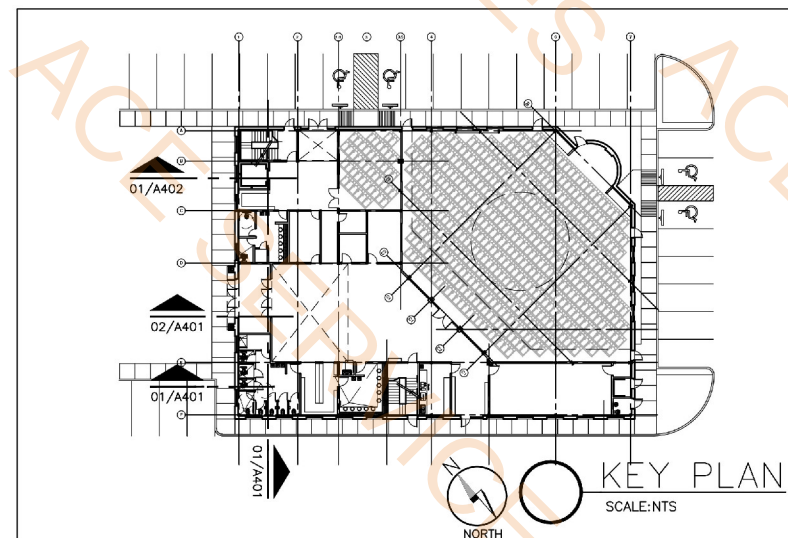
01 SECTION 1
SCALE: 1/8" = 1'-0"



02 SECTION 2
SCALE: 1/8" = 1'-0"



03 SECTION 3
SCALE: 1/8" = 1'-0"



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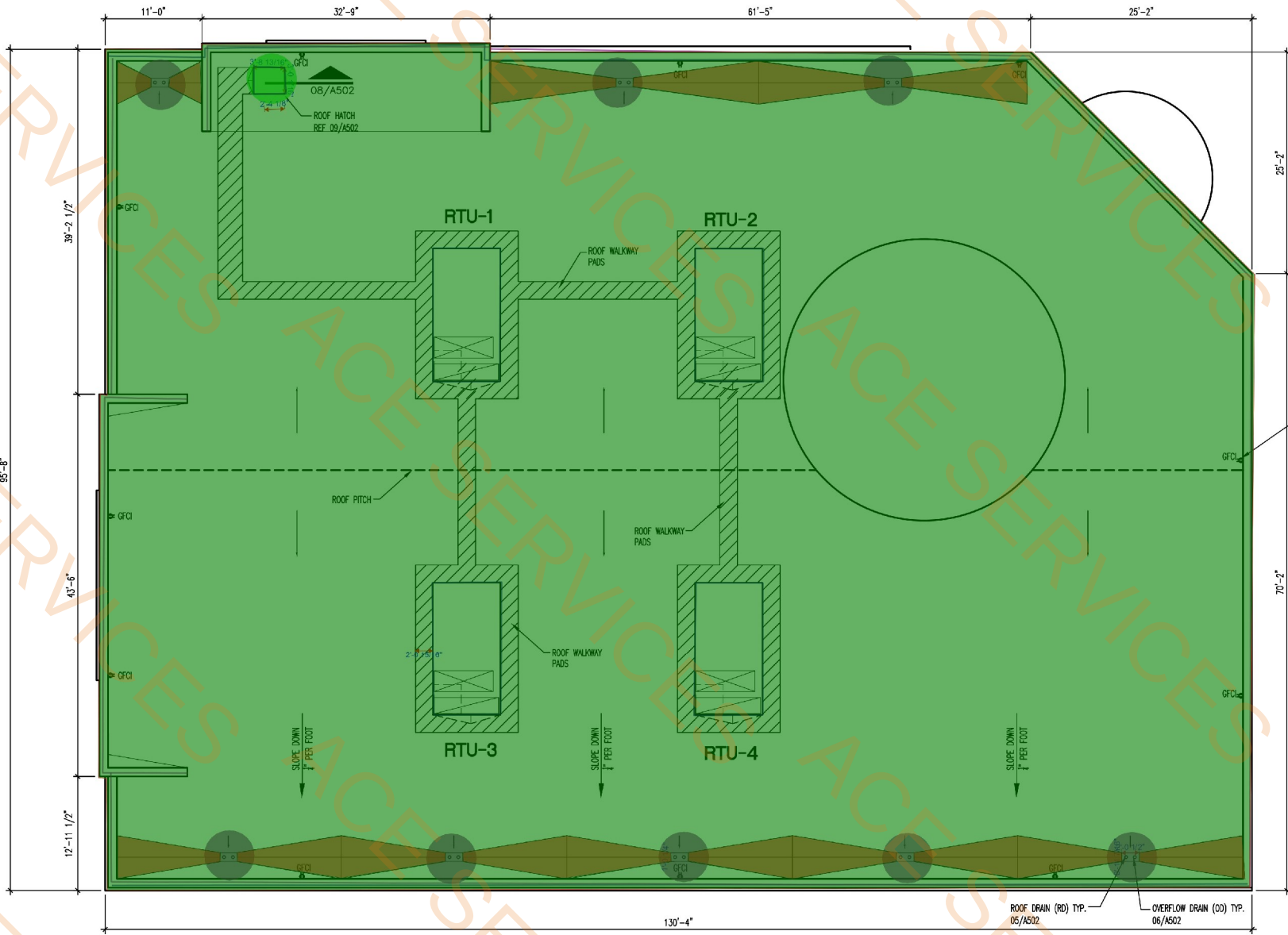
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Sheet Number:
A401
Project Number:
23-003

- TPO Roofing and Tapered rigid Insulation (slope 1/4)
- 1'-D and 2' W Overflow Drain
- Cricket Insulation
- 36"x36" Roof Access Hatch
- Drip Edge Flashing and Gutter
- Counter Flashing and 1" Rigid Insulation Curb(12")
- 4' Parapet Wall Ht(one 5/8" Gyps and 1/2" plywood)

- 12266.5 SQ FT
- 8.0 EA
- 537.3 SQ FT
- 1.0 EA
- 238.1 FT
- 196.9 FT
- 461.2 FT



- ROOF NOTES:**
- ALL DETAILS, RELATING TO THE ROOFING SYSTEM, REGARDLESS AS TO HOW THEY MAY BE INDICATED ON THESE CONTRACT DOCUMENTS, MUST BE APPROVED BY THE ROOFING MANUFACTURER SO AS TO OBTAIN THE REQUIRED GUARANTEE AS INDICATED IN THE PROJECT MANUAL. DISCREPANCIES SHALL NOT BE CAUSE FOR MODIFICATION TO THE CONTRACT SUM.
 - TAPERED INSULATION TO BE LOCATED & INSTALLED FOR EFFICIENT ROOF SURFACE DRAINAGE OF ROOF THRU SCUPPERS AND OVERFLOW SCUPPERS AND AT ALL ROOF EQUIP. CURBS, ROOF DRAINS AND ROOF OVERFLOW DRAINS.
 - INDICATES SLOPE OF ROOF.
 - ROOF TOP EQUIPMENTS AND CURBS FURNISHED BY G.C., CURBS SHALL BEAR DIRECTLY ON STRUCT. STL., NOT ON MTL. DECK. MECH. UNITS MUST SIT LEVEL-N.I.C.
 - ALL PIPES, CONDUITS, EXPOSED STL., AND ROOF HATCHES ABOVE ROOF ARE TO BE (3) COAT PAINTED. COLOR TO BE SELECTED.
 - "X" INDICATES LOCATION OF INTERIOR ST. COLUMNS.
 - INDICATES ROOF WALK ZONE FOR FUTURE MAINTENANCE OF ROOF TOP UNITS.
 - REINFORCED SINGLE PLY ROOFING. REFER TO SPECIFICATIONS FOR BASE BID AND ALTERNATE ROOFING MATERIALS, ROOFING TYPE AND PRICING INFORMATION. ALL ROOFING CHANGES & PENETRATIONS ARE TO BE DONE IN ACCORDANCE WITH APPROVED ROOF MANUFACTURER'S ROOFING DETAILS.

01 ROOF PLAN (MOSQUE BUILDING)

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

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11/21/2024

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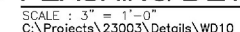
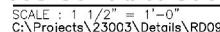
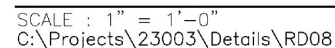
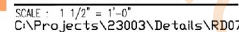
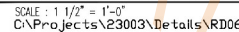
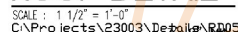
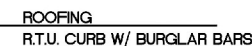
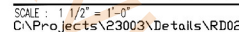
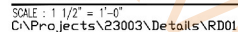
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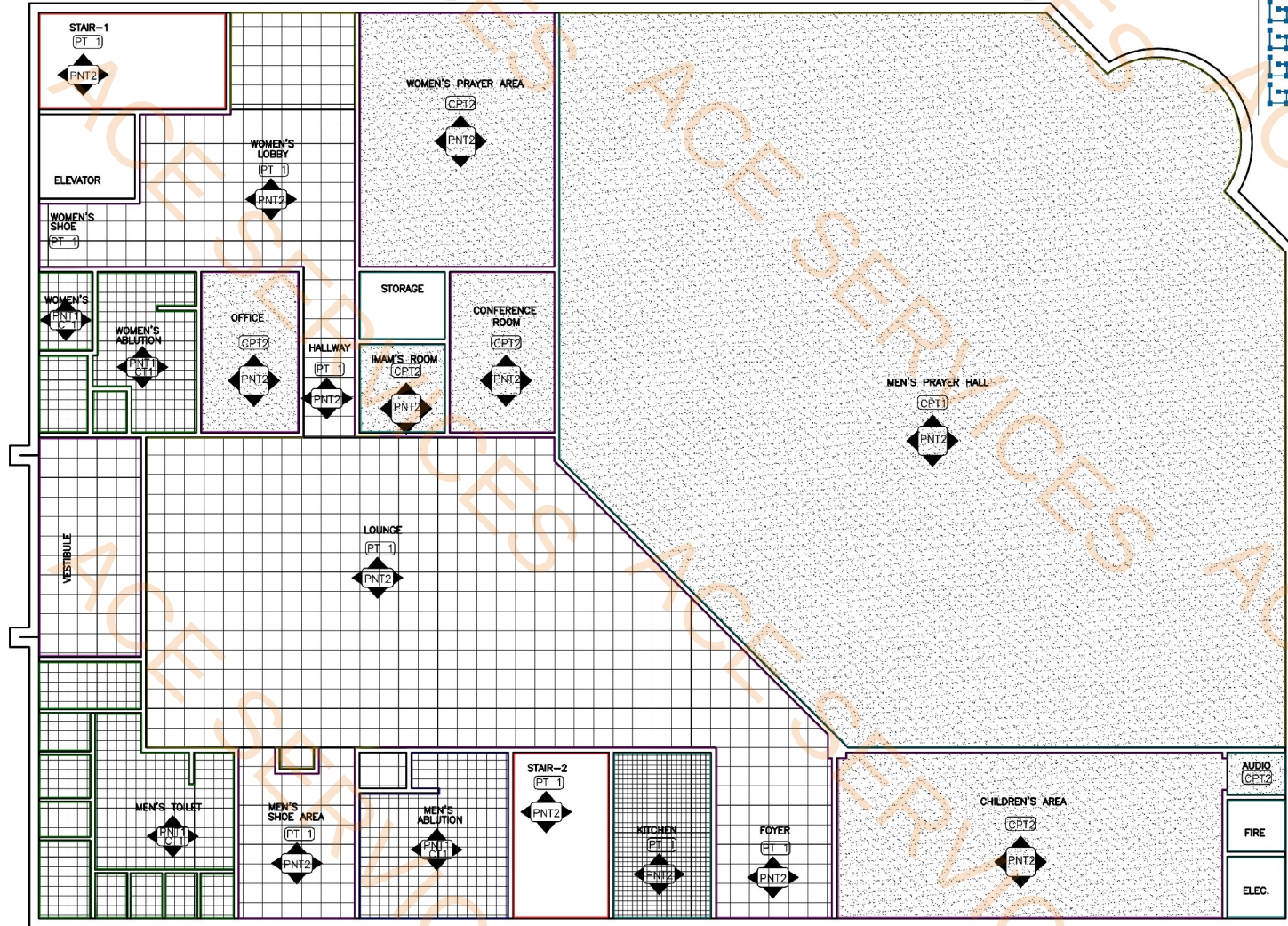
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Sheet Number:
A501

Project Number:
23-003





- PNT 1 6' tILE Ceiling hight 8'
- PNT 2 Ceiling HEIGHT 22'
- PNT 1 6' tILE Ceiling Height 9'
- PNT 2 Ceiling Height 9'
- PNT 2 Ceiling Height 8'
- PNT 2 Height 15'

363.3 FT
244.9 FT
69.5 FT
666.0 FT
312.5 FT
109.5 FT

CARPET LENGTH-FIRST FLOOR	
ROOM NAME	LINEAR LENGTH-CARPET
MEN'S PRAYER HALL	209'-8"
GRAND HALL	187'-2"
MEETING ROOM	49'-2"
OFFICE	42'-1"
MEHRAB	23'-10"
THAKAT	37'-1"
AUDIO	28'-4"
HALLWAY-2	97'-7"
TOTAL	674'-11"



01 1ST FLOOR FINISH PLAN
SCALE: 1/8"=1'-0"

INTERIOR FINISH + MATERIALS LIST					NOTE: ALL MATERIALS ARE CONTRACTOR SUPPLIED UNLESS OTHERWISE NOTED
CODE	MATERIAL	MANUFACTURER	MANUFACTURER NUMBER/COLOR	LOCATION	
PT1	PORCELAIN TILE	DALTILE (972) 484 0334	STYLE: ARTICULO GLAZED PORCELAIN COLOR: CASINO CS87Z	24"x24" ON FLOOR OF LOBBY,SHOE AREA	
CT1	CERAMIC TILE	MIRELLA (800) 471 6164	STYLE: B-95 COLOR: CROMAT ONE TAUPE	12"x12" WOMEN'S, MEN'S TOILET, ABLUTION	
CPT1	CARPET	BIGLOW (972) 279 4800	McCORMIC II #7658 HALSTED	FIRST FLOOR: GRAND HALL	
CPT2	CARPET	DURKAN COMMERCIAL (972) 527 3611	STYLE: BEAUCOUP-DE BOUCLE COLOR: 748 STUCCO	FIRST FLOOR: WOMEN'S PRAYER AREA,OFFICE,IMAM'S ROOM,CONFERENCE ROOM CHILDREN'S AREA	

INTERIOR PAINT COLOR					NOTE: ALL COLOR ARE SUBJECTED TO APPROVAL BY THE OWNER AND ARCHITECT PRIOR TO APPLICATION. GC TO MAKE 2'X2' MOCK-UP FOR APPROVAL
CODE	MATERIAL	MANUFACTURER	MANUFACTURER NUMBER/COLOR	LOCATION	
PNT1	PAINT COLOR	SHERWIN WILLIAMS	COLOR: CRISP LINEN, SW 637B EMERALD INTERIOR LATEX	WALLS OF TOILETS, WADU AFTER 6'-0" AFF.	
PNT2	PAINT COLOR	SHERWIN WILLIAMS	COLOR: CRISP LINEN, SW 637B DURATION HOME INTERIOR ACRYLIC LATEX	ALL COMMON AREAS	

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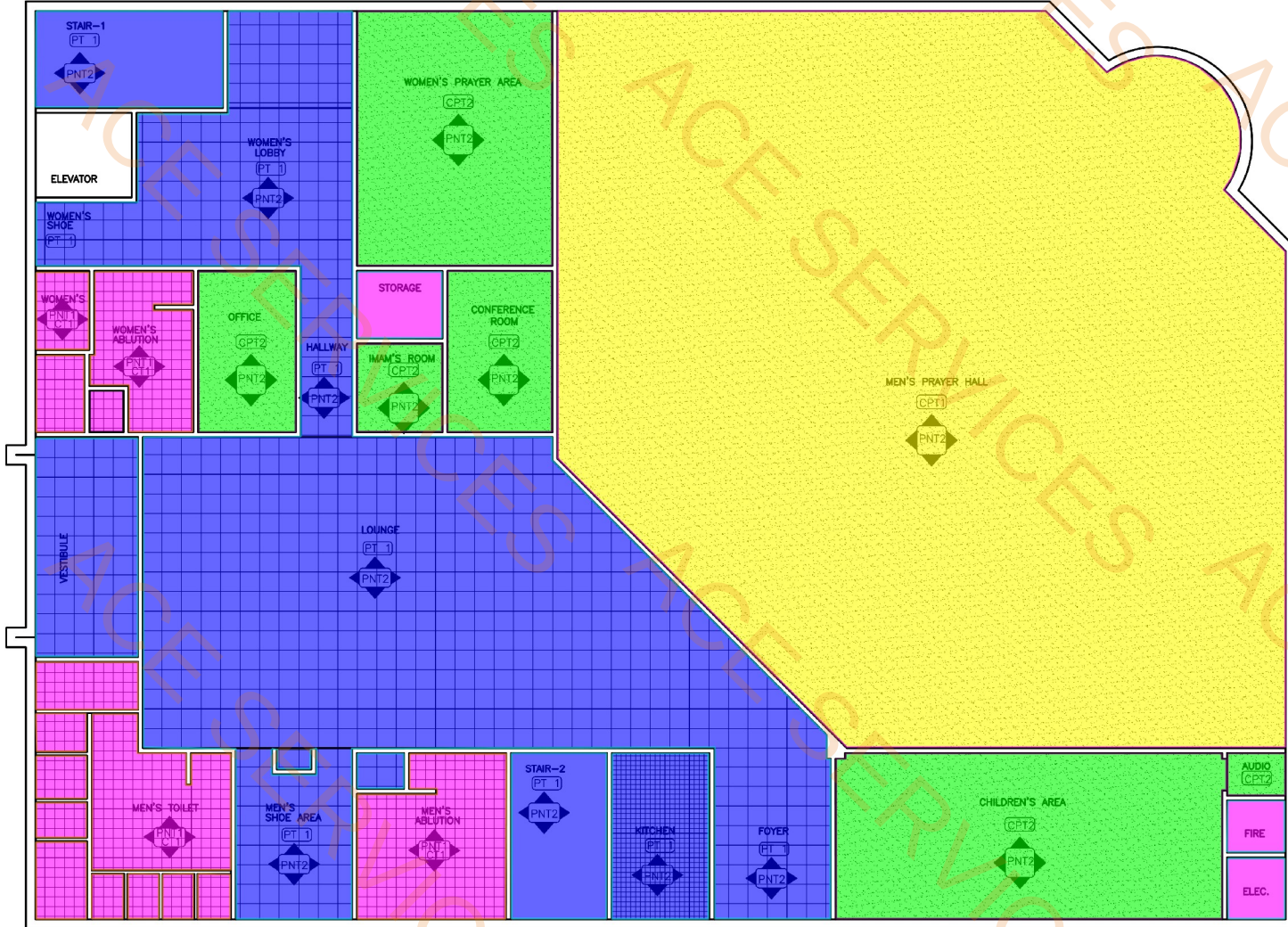
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Sheet Number:
A203
Project Number:
23-003



- CPT 2
- CPT 1
- PT 1
- CT 1
- CPT 1
- PT 1
- CT 1
- CPT 2
- SELLED CONCRET
- 4\"/>

- 1601.6 SQ FT
- 4897.4 SQ FT
- 3519.6 SQ FT
- 855.9 SQ FT
- 273.5 FT
- 660.0 FT
- 420.1 FT
- 365.0 FT
- 122.8 SQ FT
- 76.3 FT

CARPET LENGTH-FIRST FLOOR	
ROOM NAME	LINEAR LENGTH-CARPET
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AUDIO	28'-4"
HALLWAY-2	97'-7"
TOTAL	674'-11"



01 1ST FLOOR FINISH PLAN
SCALE: 1/8"=1'-0"

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INTERIOR PAINT COLOR					NOTE: ALL COLOR ARE SUBJECTED TO APPROVAL BY THE OWNER AND ARCHITECT PRIOR TO APPLICATION. GC TO MAKE 2'X2' MOCK-UP FOR APPROVAL
CODE	MATERIAL	MANUFACTURER	MANUFACTURER NUMBER/COLOR	LOCATION	
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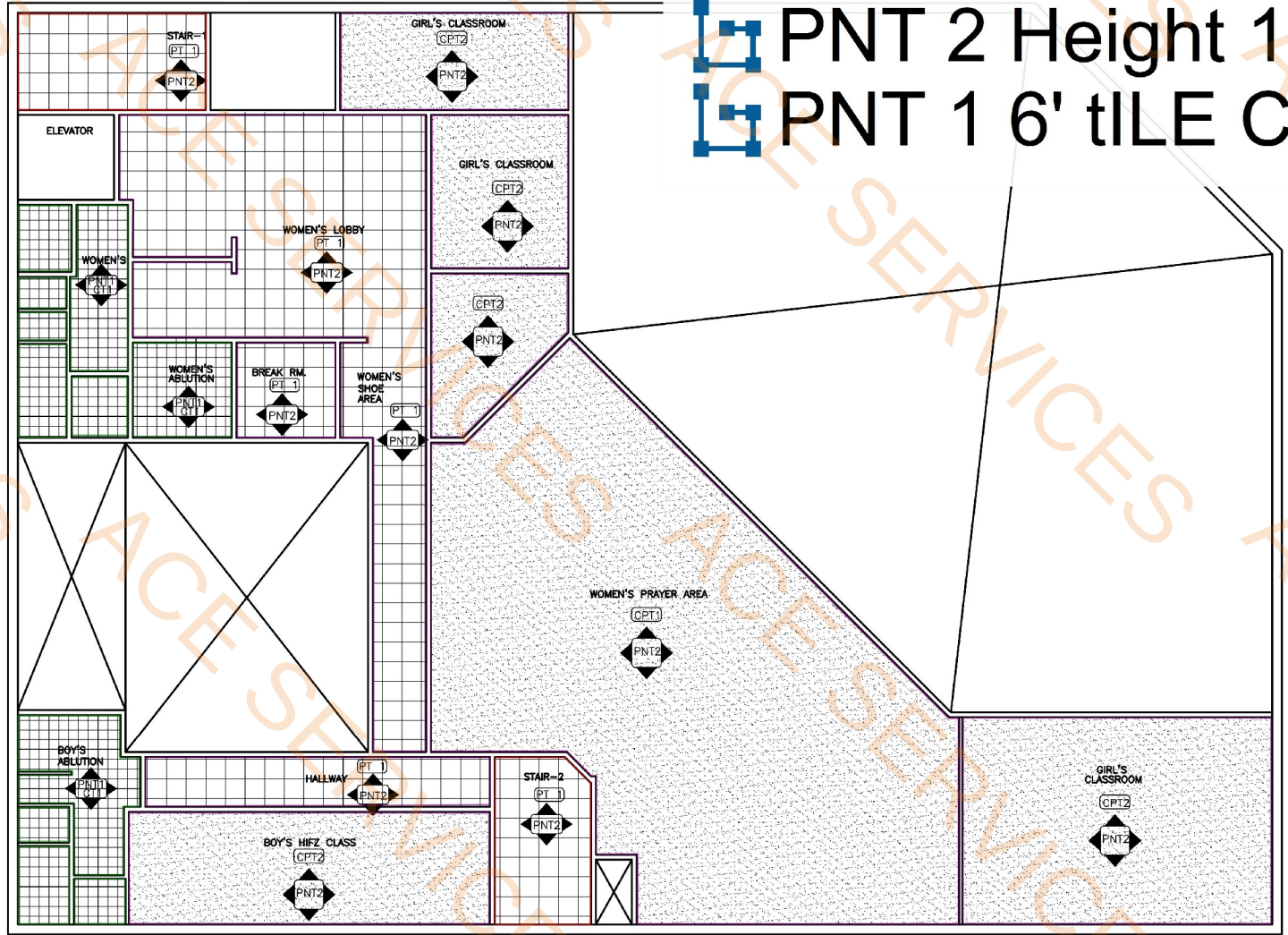
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Sheet Number:
A203

Project Number:
23-003



01 2ND FLOOR FINISH PLAN
SCALE: 1/8"=1'-0"

INTERIOR FINISH + MATERIALS LIST				
NOTE: ALL MATERIALS ARE CONTRACTOR SUPPLIED UNLESS OTHERWISE NOTED				
CODE	MATERIAL	MANUFACTURER	MANUFACTURER NUMBER/COLOR	LOCATION
PT1	PORCELAIN TILE	DALTILE (972) 484 0334	STYLE: ARTICULO GLAZED PORCELAIN COLOR: CASINO CS87Z	24"x24" ON FLOOR OF LOBBY,SHOE AREA,STAIRS,BREAKROOM, HALLWAY
CT1	CERAMIC TILE	MIRELLA (800) 471 6164	STYLE: B-95 COLOR: CROMAT ONE TAUPE	12"x12" WOMEN'S, MEN'S TOILET, ABLUTION
CPT1	CARPET	BIGLOW (972) 279 4800	McCORMIC II #7658 HALSTED	FIRST FLOOR: GRAND HALL
CPT2	CARPET	DURKAN COMMERCIAL (972) 527 3611	STYLE: BEAUCOUP-DE BOUCLE COLOR: 748 STUCCO	FIRST FLOOR: WOMEN'S, MEN'S PRAYER AREA,OFFICE,IMAM'S ROOM,CONFERENCE ROOM CHILDREN'S AREA

INTERIOR PAINT COLOR				
NOTE: ALL COLOR ARE SUBJECT TO APPROVAL BY THE OWNER AND ARCHITECT PRIOR TO APPLICATION. GC TO MAKE 2'X2' MOCK-UP FOR APPROVAL				
CODE	MATERIAL	MANUFACTURER	MANUFACTURER NUMBER/COLOR	LOCATION
PNT1	PAINT COLOR	SHERWIN WILLIAMS	COLOR: CRISP LINEN, SW 6378 EMERALD INTERIOR LATEX	WALLS OF TOILETS, WADU AFTER 6'-0" AFF.
PNT2	PAINT COLOR	SHERWIN WILLIAMS	COLOR: CRISP LINEN, SW 6378 DURATION HOME INTERIOR ACRYLIC LATEX	ALL COMMON AREAS

PNT 2 Ceiling Height 9' 915.1 FT
PNT 2 Height 15' 109.0 FT
PNT 1 6' tILE Ceiling hight... 319.6 FT

CARPET LENGTH-FIRST FLOOR	
ROOM NAME	LINEAR LENGTH-CARPET
MEN'S PRAYER HALL	209'-8"
GRAND HALL	187'-2"
MEETING ROOM	49'-2"
OFFICE	42'-1"
MEHRAB	23'-10"
THAKAT	37'-1"
AUDIO	28'-4"
HALLWAY-2	97'-7"
TOTAL	674'-11"

fk + architect, llc

400 chisholm place
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469-250-9322 (c)
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web: fkarchitect.com

Original Date:
SEPTEMBER 23, 2022

Issue Log

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CITY COMMENTS	05/08/2025
CITY COMMENTS	06/11/2025

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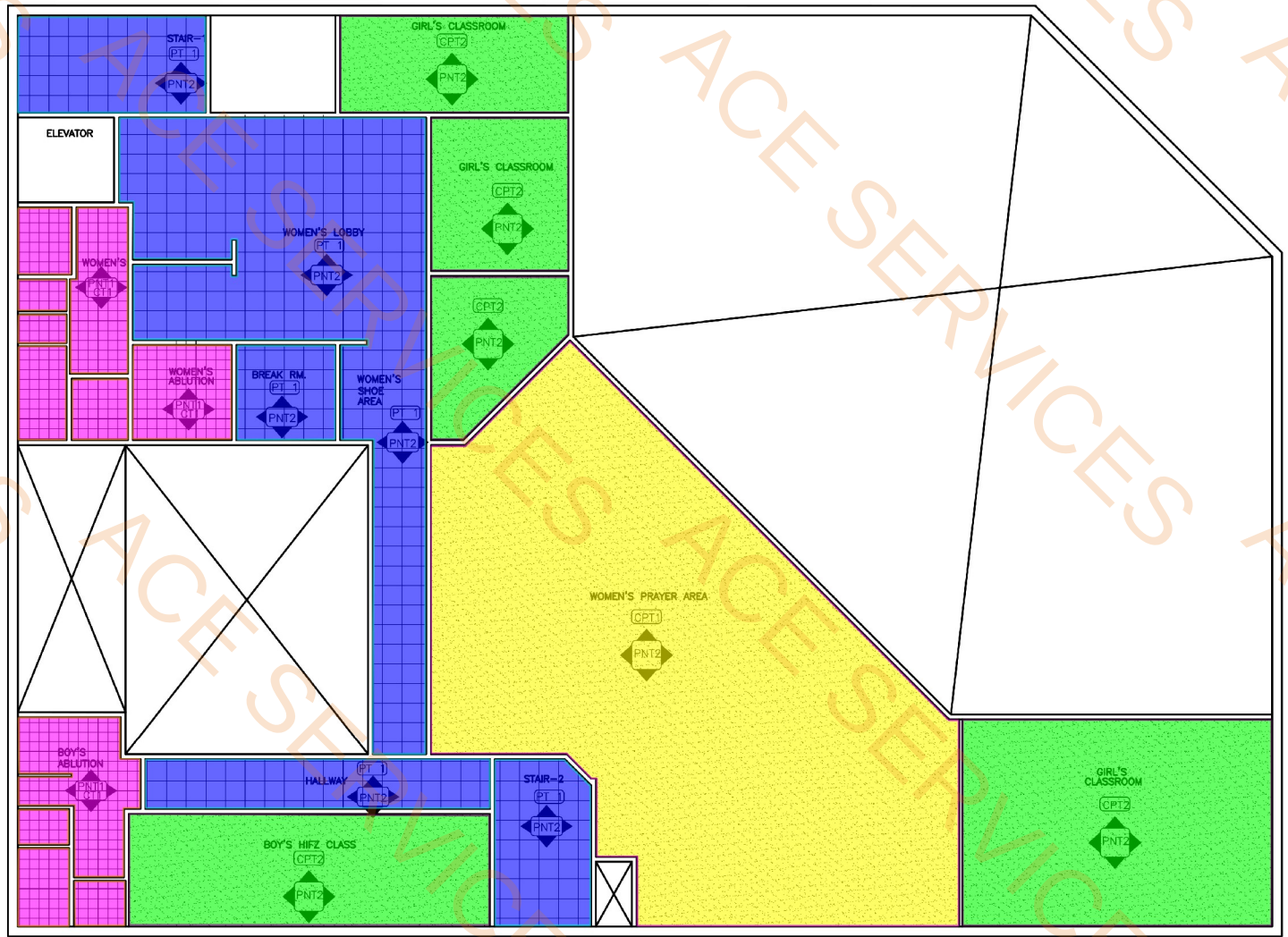
IAM MASJID

SHELL + INTERIOR FINISH-OUT

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Sheet Number:
A204
Project Number:
23-003



01 2ND FLOOR FINISH PLAN
SCALE: 1/8"=1'-0"

INTERIOR FINISH + MATERIALS LIST				
NOTE: ALL MATERIALS ARE CONTRACTOR SUPPLIED UNLESS OTHERWISE NOTED				
CODE	MATERIAL	MANUFACTURER	MANUFACTURER NUMBER/COLOR	LOCATION
PT1	PORCELAIN TILE	DALTILE (972) 484 0334	STYLE: ARTICULO GLAZED PORCELAIN COLOR: CASINO CS87Z	24"X24" ON FLOOR OF LOBBY, SHOE AREA, STAIRS, BREAKROOM, HALLWAY
CT1	CERAMIC TILE	MIRELLA (800) 471 6164	STYLE: B-95 COLOR: CROMAT ONE TAUPE	12"X12" WOMEN'S, MEN'S TOILET, ABLUTION
CPT1	CARPET	BIGLOW (972) 279 4800	McCORMIC II #7658 HALSTED	FIRST FLOOR: GRAND HALL
CPT2	CARPET	DURKAN COMMERCIAL (972) 527 3611	STYLE: BEAUCOUP-DE BOUCLE COLOR: 748 STUCCO	FIRST FLOOR: WOMEN'S, MEN'S PRAYER AREA, OFFICE, IMAM'S ROOM, CONFERENCE ROOM CHILDREN'S AREA

INTERIOR PAINT COLOR				
NOTE: ALL COLOR ARE SUBJECT TO APPROVAL BY THE OWNER AND ARCHITECT PRIOR TO APPLICATION. GC TO MAKE 2'X2' MOCK-UP FOR APPROVAL				
CODE	MATERIAL	MANUFACTURER	MANUFACTURER NUMBER/COLOR	LOCATION
PNT1	PAINT COLOR	SHERWIN WILLIAMS	COLOR: CRISP LINEN, SW 6378 EMERALD INTERIOR LATEX	WALLS OF TOILETS, WADU AFTER 6'-0" AFF.
PNT2	PAINT COLOR	SHERWIN WILLIAMS	COLOR: CRISP LINEN, SW 6378 DURATION HOME INTERIOR ACRYLIC LATEX	ALL COMMON AREAS

CPT 2	1663.3 SQ FT
CPT 1	1979.7 SQ FT
PT 1	1523.2 SQ FT
CT 1	542.4 SQ FT
CPT 2	377.3 FT
CT 1	320.1 FT
PT 1	450.4 FT
CPT 1	195.2 FT

CARPET LENGTH-FIRST FLOOR	
ROOM NAME	LINEAR LENGTH-CARPET
MEN'S PRAYER HALL	209'-8"
GRAND HALL	187'-2"
MEETING ROOM	49'-2"
OFFICE	42'-1"
MEHRAB	23'-10"
THAKAT	37'-1"
AUDIO	28'-4"
HALLWAY-2	97'-7"
TOTAL	674'-11"

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06/16/2025

REGISTERED ARCHITECT & SYMBL

Original Date: SEPTEMBER 23, 2022

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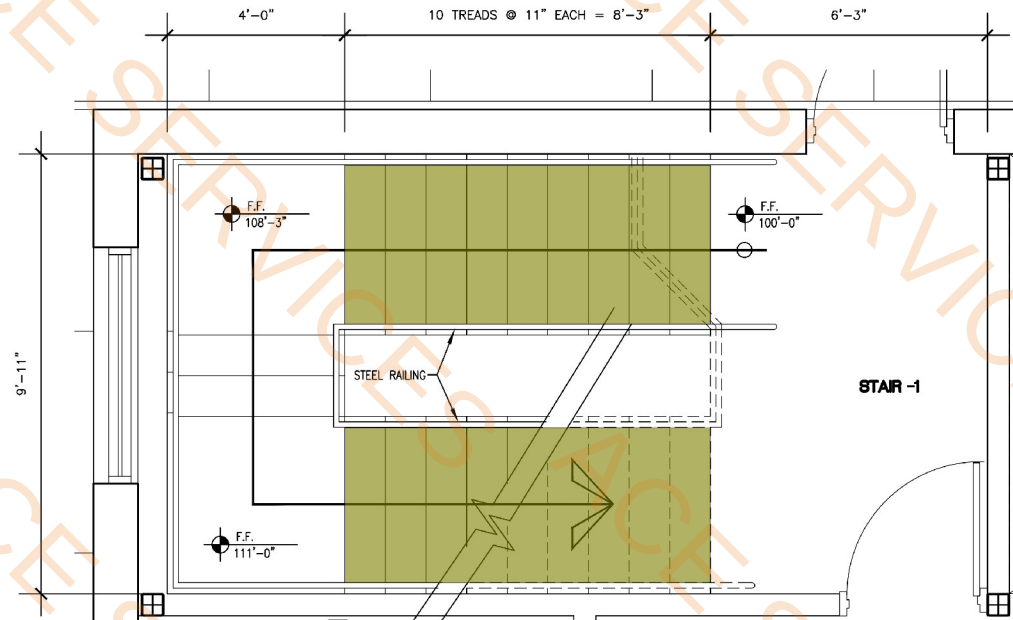
IAM MASJID

SHELL + INTERIOR FINISH-OUT

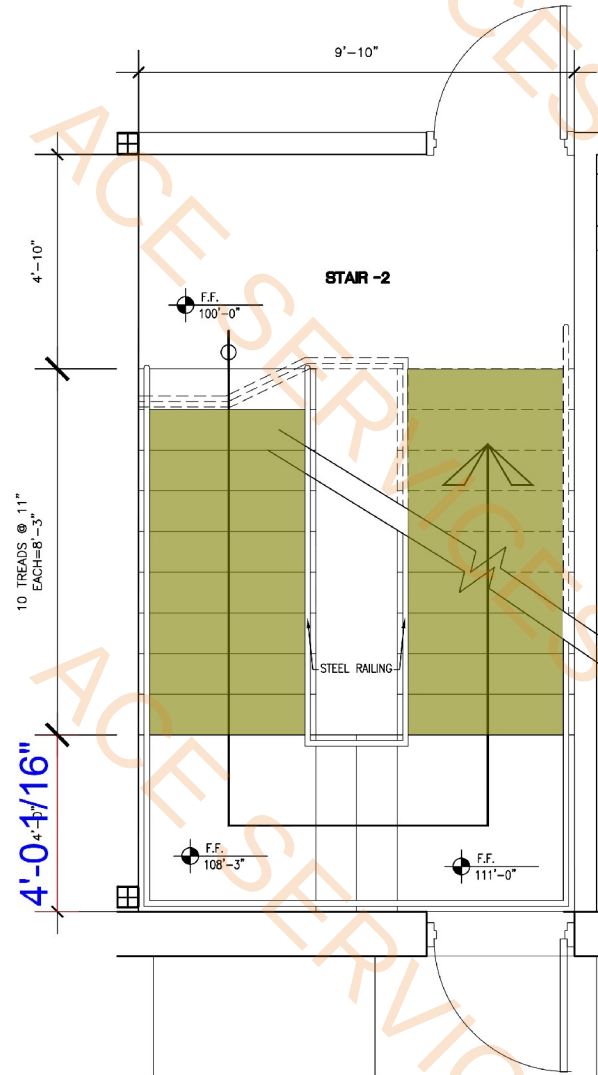
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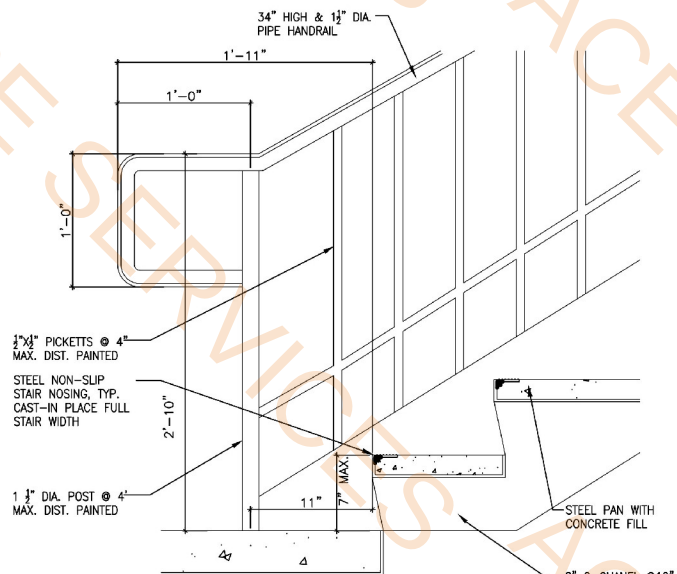
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A204
Project Number:
23-003



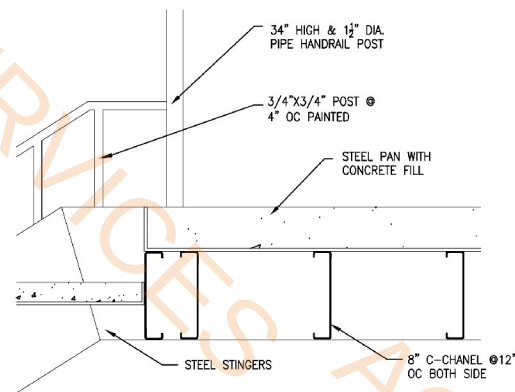
01 ENLARGED PLAN-STAIR 1
SCALE: 1/2" = 1'-0"
STAIR-LEVEL-1



02 ENLARGED PLAN-STAIR 2
SCALE: 1/2" = 1'-0"
STAIR-LEVEL-1



03 STAIR DETAIL
SCALE: 1 1/2" = 1'-0"
C:\Projects\23003\details\STD01



04 STAIR DETAIL
SCALE: 1 1/2" = 1'-0"
C:\Projects\23003\details\STD02

Stair Ceiling Area

113.9 SQ FT

400 chisholm place
suite 310
plano, texas 75075
972-424 1325 (W)
469-258-9322 (C)
fabim2582@aol.com
web: fkaarchitect.com

11/21/2024



Original Date:
SEPTEMBER 23, 2022
Issue Log
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ISSUED FOR CONSTRUCTION 11/21/2024
CITY COMMENTS 03/06/2025

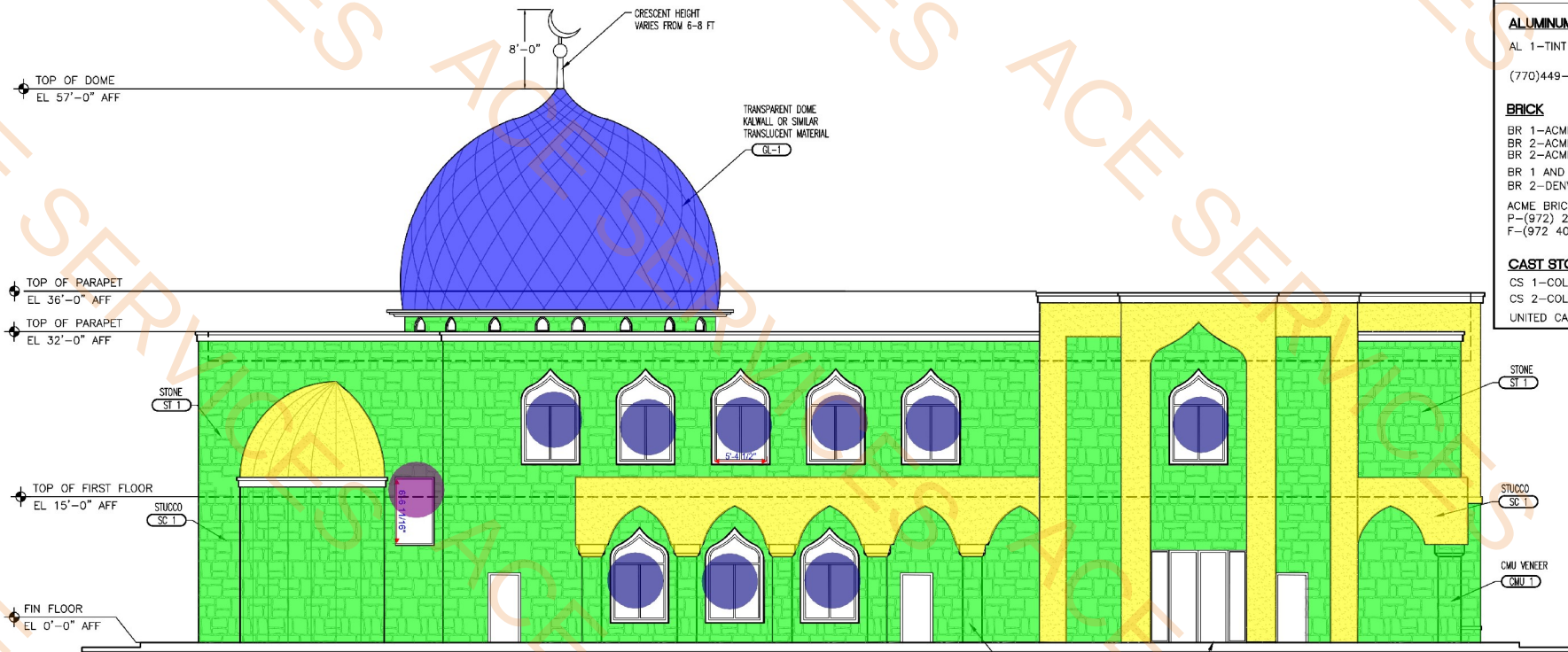
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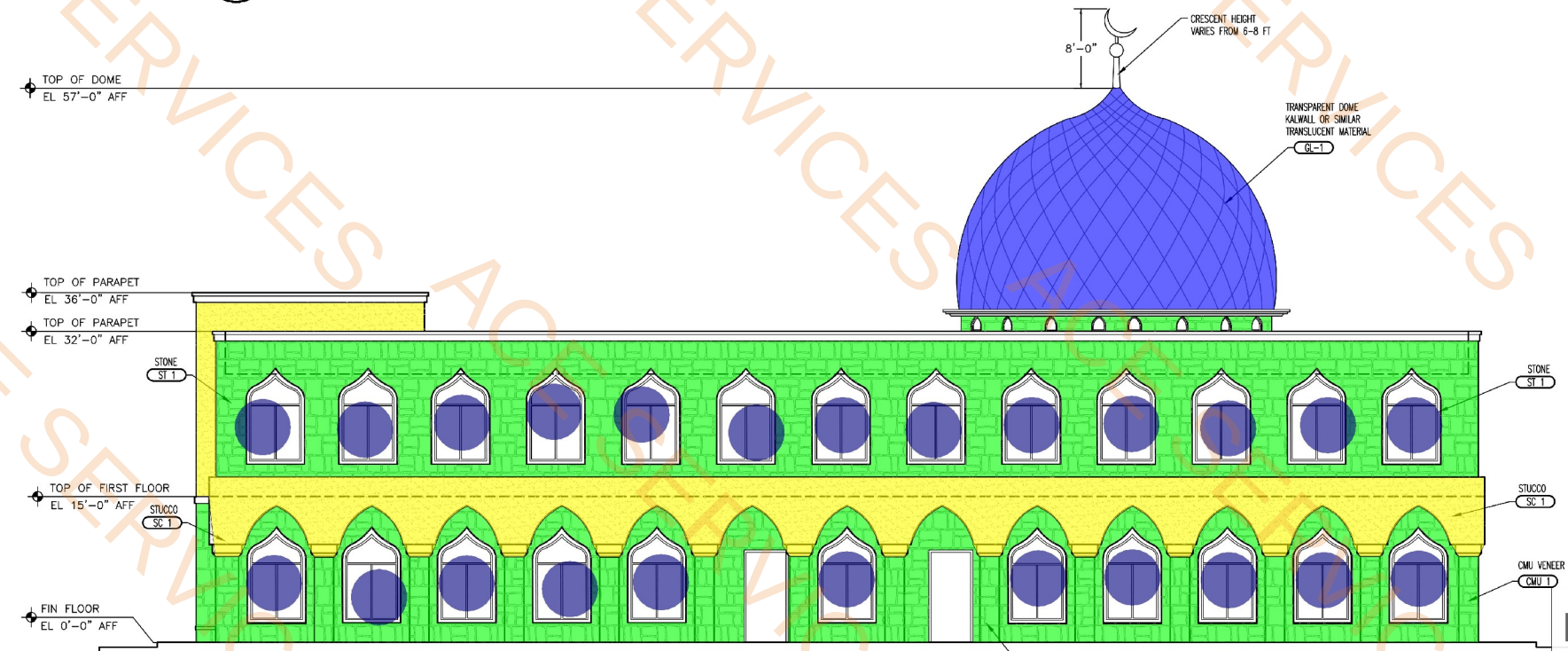
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SHELL AND INTERIOR FINISH-OUT
AT 105 McMILLEN DRIVE
MURPHY, TEXAS 75094

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Sheet Number:
A206
Project Number:
23-003

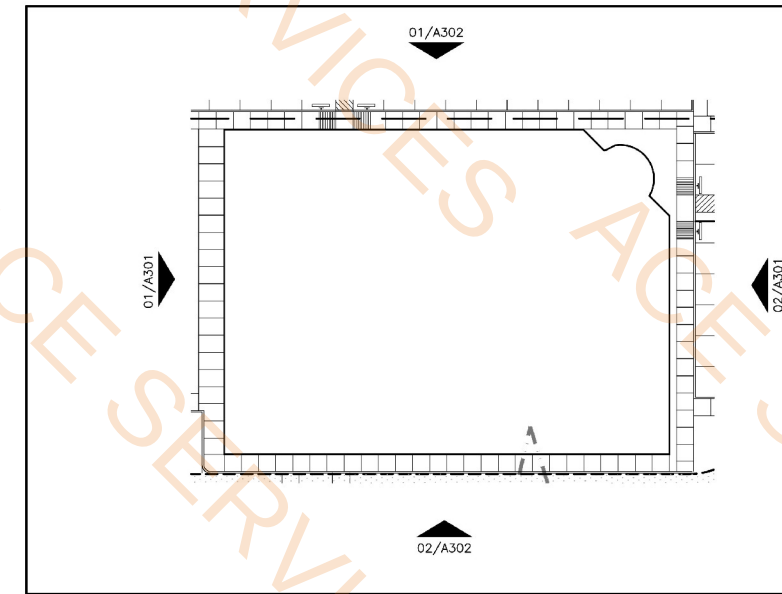


01 NORTH ELEVATION
SCALE: 1/8"=1'-0"



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

EXTERIOR MATERIAL LIST		
NOTES: PAINTS AND GLAZING ARE SUBJECT TO THE APPROVAL OF THE OWNER. GC TO PROVIDE SAMPLE OF ALL PAINT COLOR TO THE OWNER BEFORE PURCHASING ANY PAINT. GC TO MAKE A MOCK UP SAMPLE OF ALL PAINT AND GET APPROVAL OF THE OWNER AND THE ARCHITECT PRIOR TO APPLICATION.		
ALUMINUM STOREFRONT AL 1-TINT (770)449-5555	METAL COPING MC 1-COLOR: SANDSTONE UNA CLAD P-(800) 426-7737	SPANDREL GLASS GL 1-VS7-30 VIRASSPAN VIRACON (1800) 533-2080
BRICK BR 1-ACME BLEND TWILIGHT (FIELD) BR 2-ACME BLEND SLATE (ACCENT) BR 2-ACME BLEND SIERRA (ACCENT) BR 1 AND BR 3-ELGIN PLANT BR 2-DENVER PLANT ACME BRICK P-(972) 241-1400 F-(972) 406-9374	METAL CORNICE MC 2-MATCH KYMAR 500 ZINC CAMPBELLVILLE INDUSTRIES, INC. P-(800) 467-8135 F-(972) 272-5478	
CAST STONE CS 1-COLOR- BUFF CS 2-COLOR- DARK BUFF UNITED CAST STONE	STONE ST 1-LEUDER'S LIMESTONE, ROUGH NATURAL TEXTURE ST 2-LEUDER'S LIMESTONE, SAWN CUT P-(972) 517-9997 F (972) 661-3322	



03 KEY PLAN
SCALE: NTS

ST 1	4535.5 SQ FT
SC 1	1812.3 SQ FT
GL-1	1089.2 SQ FT
Window A 5' 4" x 7' 8"	33.0 EA
Window 4' x 7'	1.0 EA

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469-258-9322 (c)
fahim@fkarchitect.com
web: fkarchitect.com

06/16/2025
W. Shukran



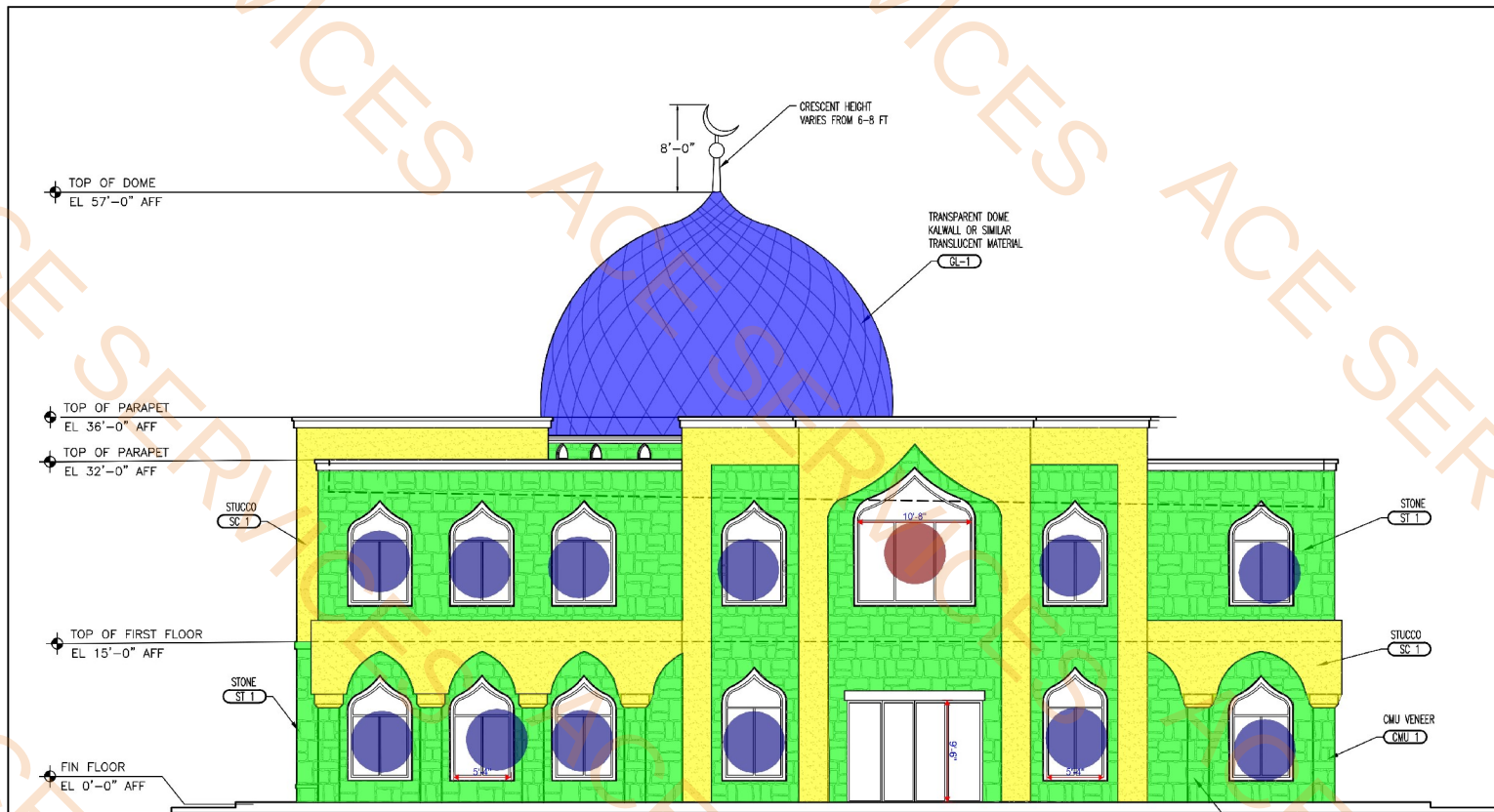
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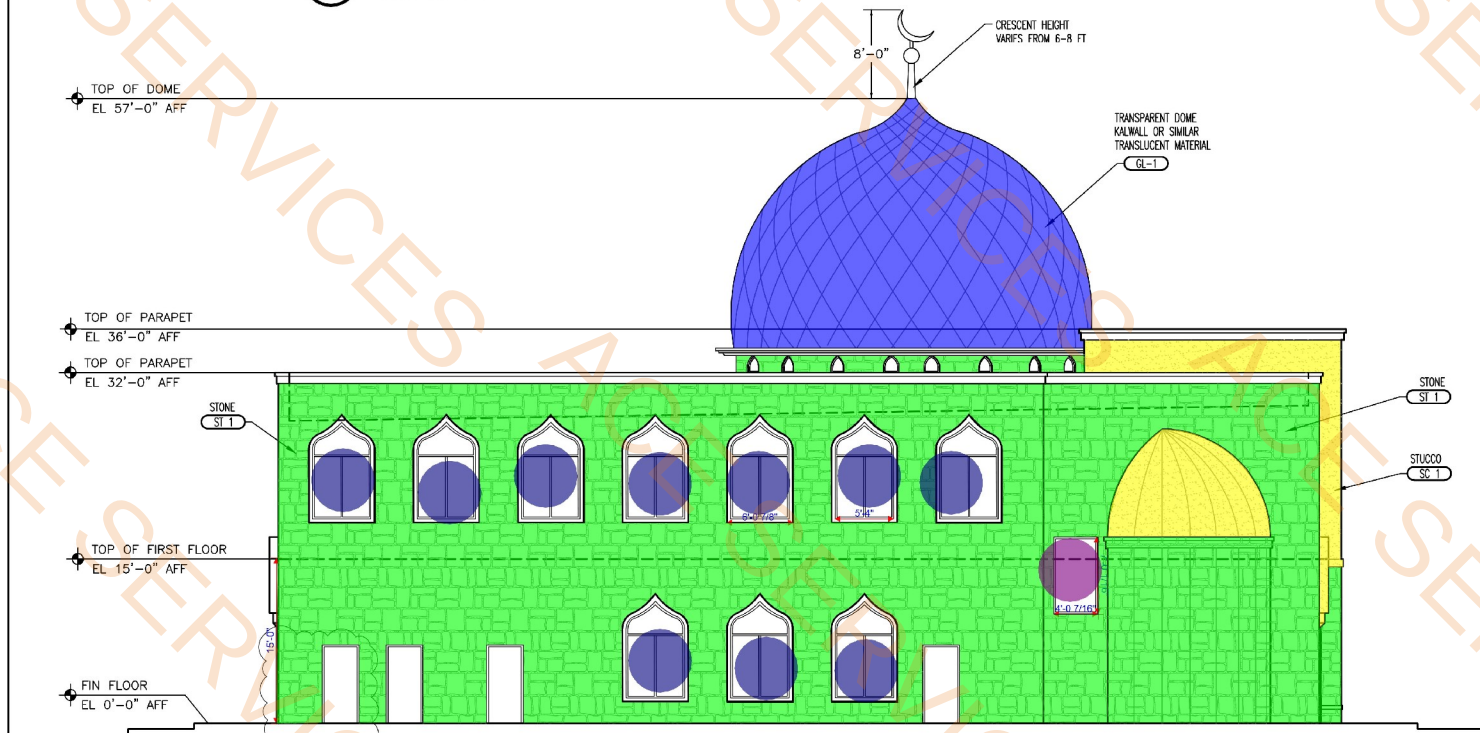
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Sheet Number:
A301
Project Number:
23-003



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



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

EXTERIOR MATERIAL LIST

NOTES:

PANTS AND GLAZING ARE SUBJECTED TO THE APPROVAL OF THE OWNER. GC TO PROVIDE SAMPLE OF ALL PAINT COLOR TO THE OWNER BEFORE PURCHASING ANY PAINT. GC TO MAKE A MOCK UP SAMPLE OF ALL PAINT AND GET APPROVAL OF THE OWNER AND THE ARCHITECT PRIOR TO APPLICATION.

ALUMINUM STOREFRONT

AL 1-TINT
(770)449-5555

BRICK

BR 1-ACME BLEND TWILIGHT (FIELD)
BR 2-ACME BLEND SLATE (ACCENT)
BR 2-ACME BLEND SIERRA (ACCENT)
BR 1 AND BR 3-ELGIN PLANT
BR 2-DENVER PLANT

ACME BRICK
P-(972) 241-1400
F-(972) 406-9374

CAST STONE

CS 1-COLOR- BUFF
CS 2-COLOR- DARK BUFF
UNITED CAST STONE

METAL COPING

MC 1-COLOR: SANDSTONE
UNA CLAD
P-(800) 426-7737

METAL CORNICE

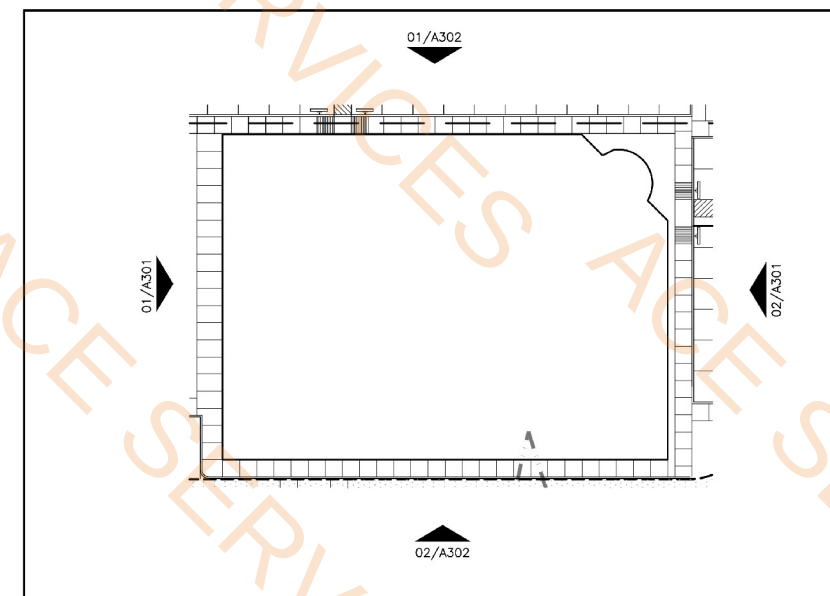
MC 2-MATCH KYNAR 500 ZINC
CAMPBELLSVILLE INDUSTRIES, INC.
P-(800) 467-8135
F-(972) 272-5478

STONE

ST 1-LEUDER'S LIMESTONE,
ROUGH NATURAL TEXTURE
ST 2-LEUDER'S LIMESTONE, SAWN CUT
P-(972) 517-9997
F (972) 661-3322

SPANDREL GLASS

GL 1-VS7-30 VIRASPAN
VIRACON
(1800) 533-2080



03 KEY PLAN
SCALE: NTS

- SC 1
- ST 1
- GL-1

- Window c 10' 8" x 7' 8"
- Window A 5' 4" x 7' 8"
- Window 4' x 7'

- 1109.8 SQ FT
- 3655.0 SQ FT
- 1050.9 SQ FT
- 1.0 EA
- 22.0 EA
- 1.0 EA

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400 chisholm place
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06/16/2025
W. Alshurafa



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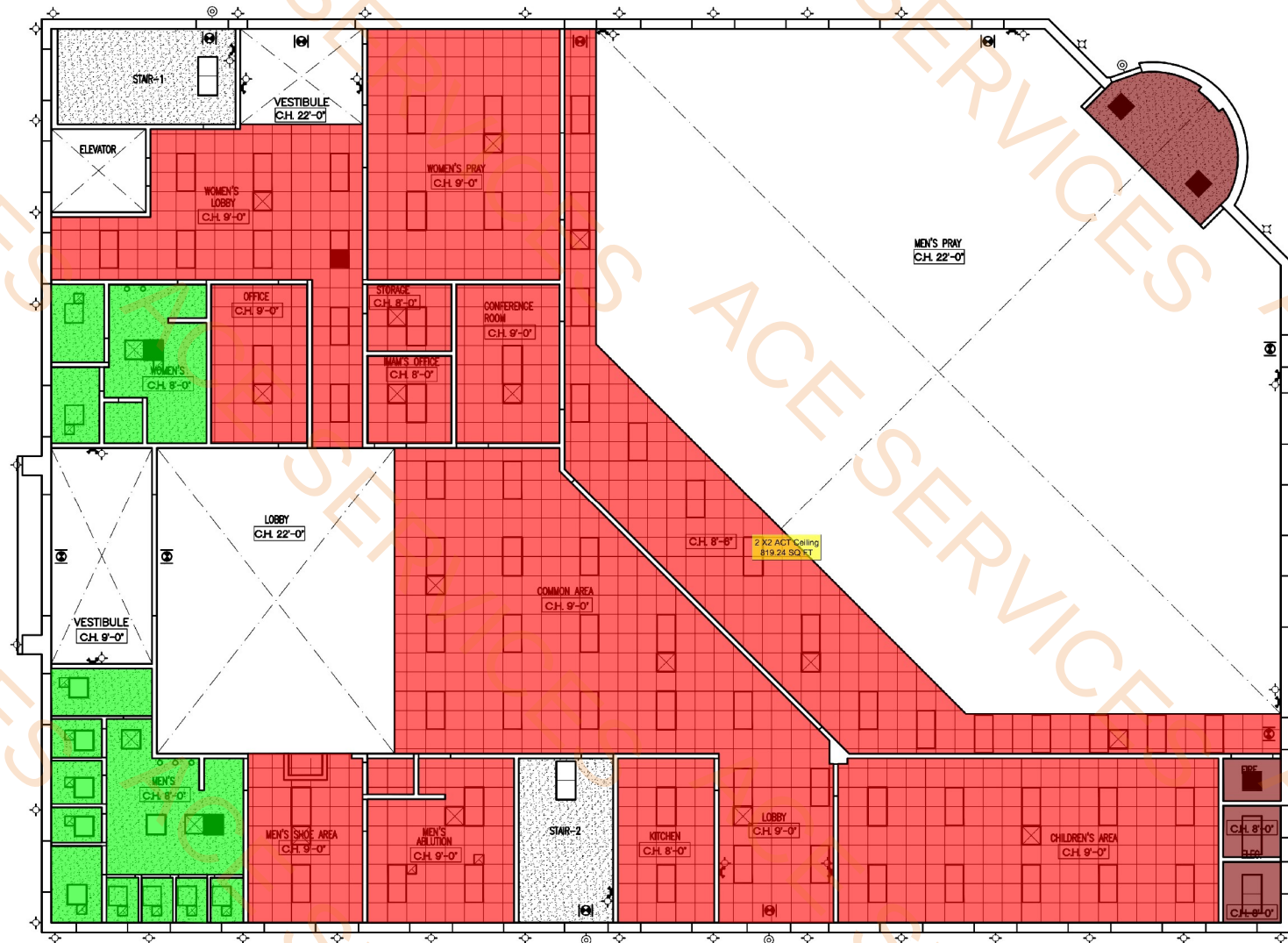
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Sheet Number:

A302

Project Number:

23-003



- GYP BD Ceiling
- 2 X2 ACT Ceiling
- GYP BD Ceiling moisture resistance
- EXPOSED AREA PAINT

140.5 SQ FT
4740.4 SQ FT
627.4 SQ FT
90.0 SQ FT

01 REFLECTED CEILING PLAN
SCALE: 1/8" = 1'-0"

RCP SYMBOL LEGEND NOTE: NOT ALL SYMBOLS ARE USED.

	GYP. BD. SOFFIT
	LED LINEAR HIGH BAY ASD-WHEW
	2' X 2' SUPPLY AIR GRILLE
	LED COMMERCIAL DOWNLIGHT ASD-COL7
	2' X 2' RETURN AIR GRILLE

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06/16/2025



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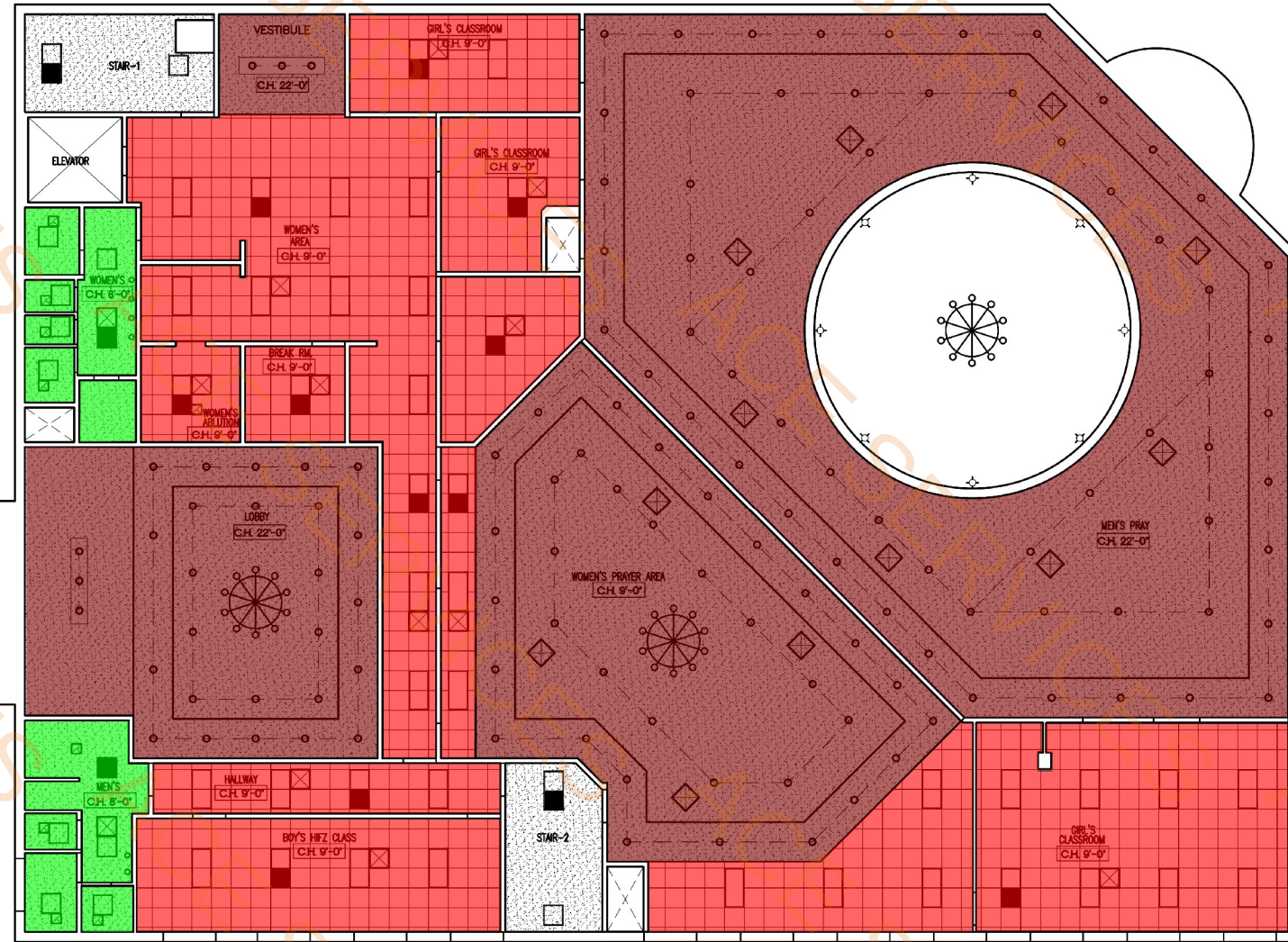
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Sheet Number:
A601
Project Number:
23-003



- GYP BD Ceiling
- 2 X2 ACT Ceiling
- GYP BD Ceiling mostuier resistance

5772.0 SQ FT
3383.3 SQ FT
432.9 SQ FT

01 REFLECTED CEILING PLAN
SCALE: 1/8"=1'-0"

RCP SYMBOL LEGEND		NOTE: NOT ALL SYMBOLS ARE USED.
	GYP BD SOFFIT	
	LED LINEAR HIGH BAY ASD-WHISM	
	2' X 2' SUPPLY AIR GRILLE	
	LED COMMERCIAL DOWNLIGHT ASD-CDL7	
	2' X 2' RETURN AIR GRILLE	

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06/16/2025

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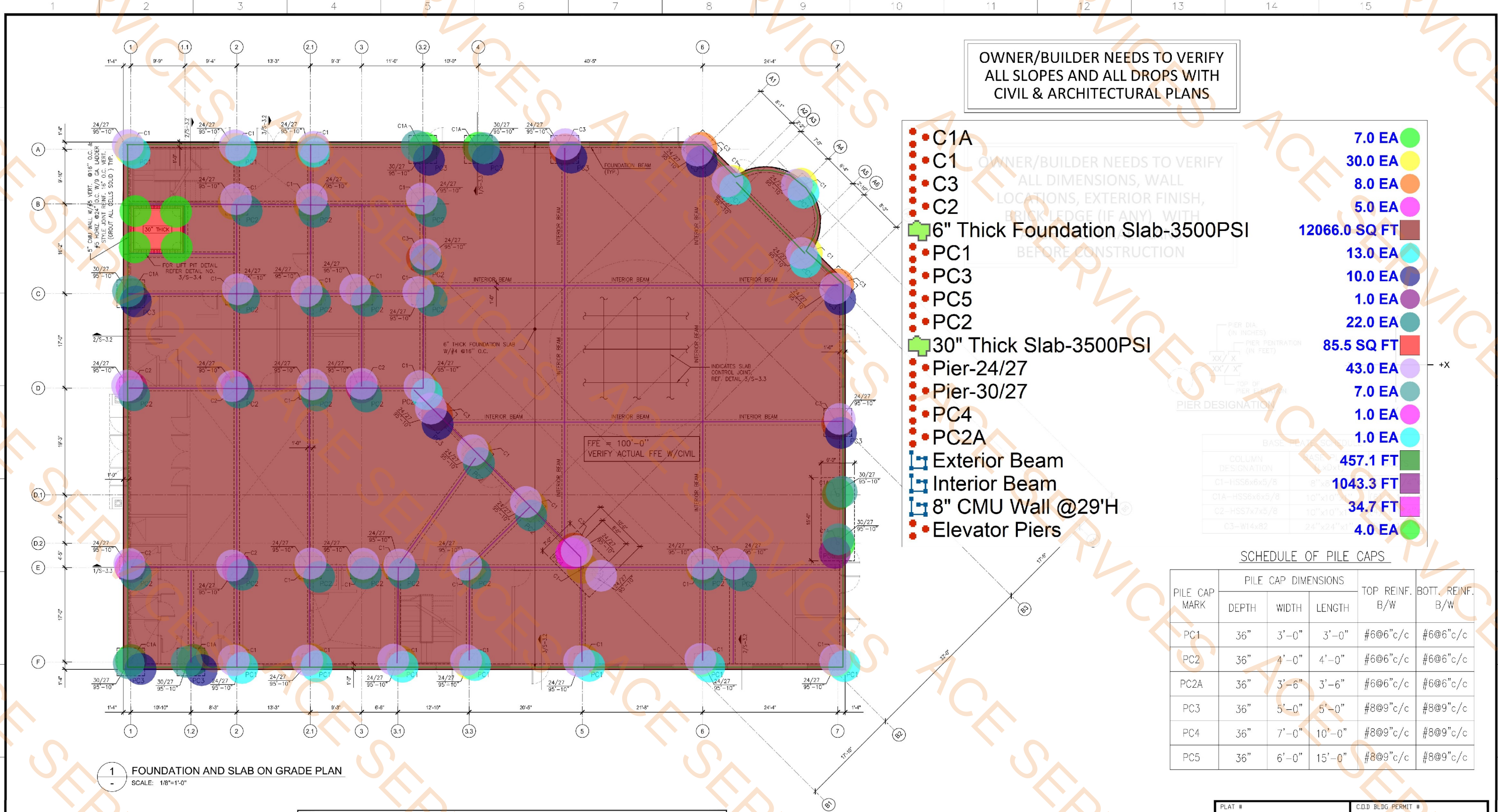
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Sheet Number:
A602
Project Number:
23-003



1 FOUNDATION AND SLAB ON GRADE PLAN
SCALE: 1/8"=1'-0"

PLAN NOTES:
1. SEE S-1.0 FOR GENERAL NOTES
2. SEE S-3.1 TO S-3.4 SERIES FOR FOUNDATION DETAILS
3. SEE S-4.1 TO S-4.5 SERIES FOR FRAMING DETAILS
4. SEE S-2.3 FOR FRAMING ELEVATION
5. SEE S-3.1 FOR TYPICAL DRILLED PIER DETAIL
6. SEE S-3.1 FOR TYPICAL PIER CAP DETAIL
7. FOR SINGLE PIER, CENTERLINE OF PIER, COLUMN & PIER CAP ARE SAME U.N.O.

FOUNDATION BEAM SCHEDULE

BEAM	BEAM SIZE		BEAM REINFORCEMENT	
	WIDTH	DEPTH	TOP/BOTTOM	RINGS
EXTERIOR BEAM	12"	36"	(4)#5	#3@12"O.C
INTERIOR BEAM	12"	30"	(4)#5	#3@12"O.C

SCHEDULE OF PILE CAPS

PILE CAP MARK	PILE CAP DIMENSIONS			TOP REINF. B/W	BOTT. REINF. B/W
	DEPTH	WIDTH	LENGTH		
PC1	36"	3'-0"	3'-0"	#6@6"c/c	#6@6"c/c
PC2	36"	4'-0"	4'-0"	#6@6"c/c	#6@6"c/c
PC2A	36"	3'-6"	3'-6"	#6@6"c/c	#6@6"c/c
PC3	36"	5'-0"	5'-0"	#8@9"c/c	#8@9"c/c
PC4	36"	7'-0"	10'-0"	#8@9"c/c	#8@9"c/c
PC5	36"	6'-0"	15'-0"	#8@9"c/c	#8@9"c/c

FOUNDATION AND SLAB ON GRADE PLAN
ISLAMIC ASSOCIATION OF MURPHY-MURPHY MASJID
105 McMILLEN DRIVE MURPHY, TX 75094
CITY OF MURPHY, COLLINS COUNTY, TX

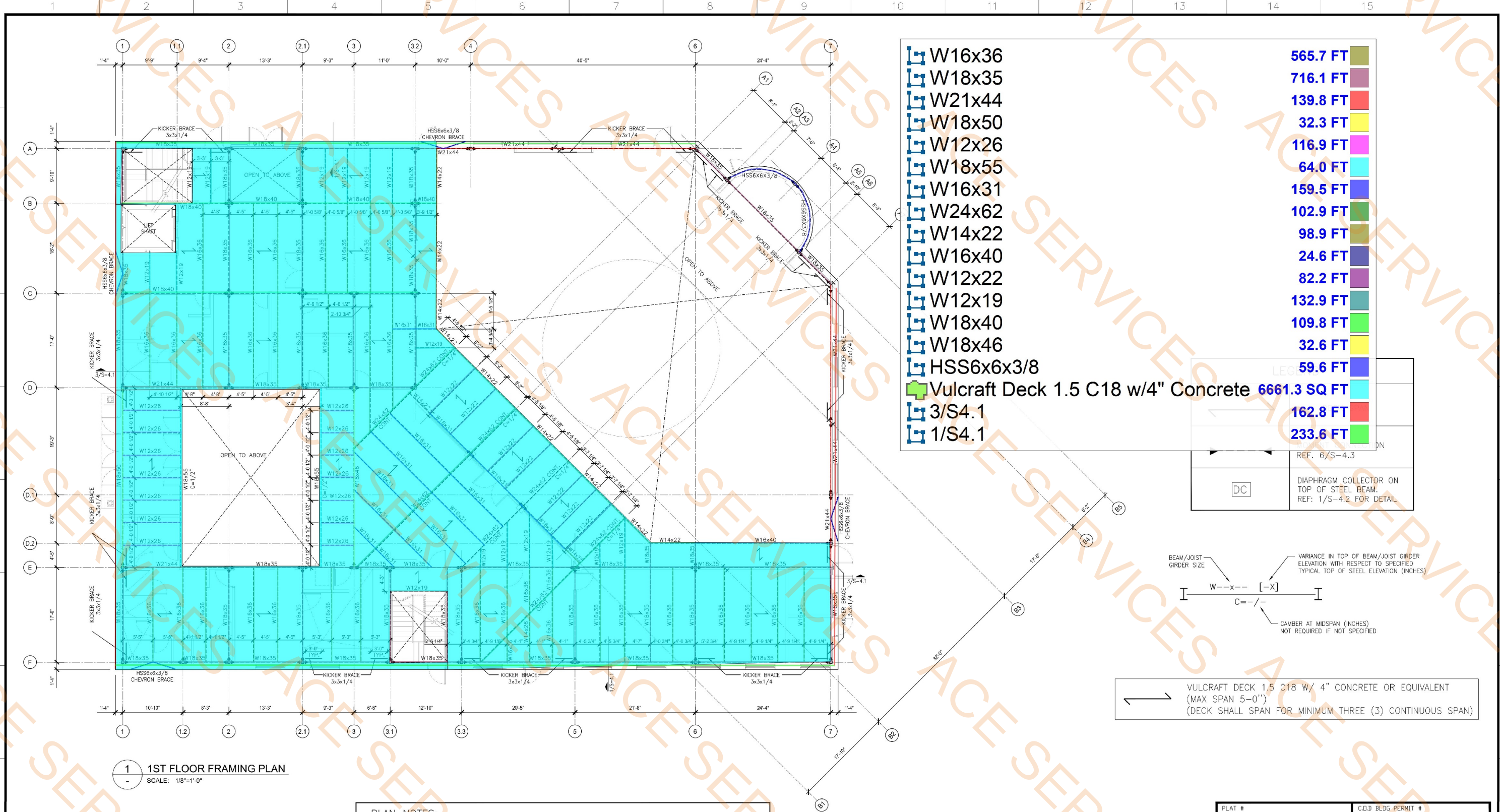
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Engineering, LLC
555 Republic Dr, Suite-435
Plano, TX 75074
United States
WWW.UBSENG.COM
PH: 469-667-0403

PROPOSED "ISLAMIC ASSOCIATION OF MURPHY-MURPHY MASJID"
105 McMILLEN DRIVE MURPHY, TX 75094

REV.	DATE	BY	DESCRIPTION
A	11-14-2024	BS	FIRST ISSUE FOR PERMIT

S-2.0



1 1ST FLOOR FRAMING PLAN
SCALE: 1/8"=1'-0"

PLAN NOTES:
1. SEE S-1.0 FOR GENERAL NOTES.
2. SEE S-3.1 TO S-3.4 SERIES FOR FOUNDATION DETAILS.
3. SEE S-4.1 TO S-4.5 SERIES FOR FRAMING DETAILS.
4. SEE S-2.3 FRAMING ELEVATION.
5. JOIST MANUFACTURER SHALL INCLUDE THE RTU LOAD FOR JOIST DESIGN AS SHOWN ON THE PLAN. COORDINATE W/ GENERAL CONTRACTOR FOR RTU LOCATION & LOAD.
6. SEE DETAIL 8/S-4.1 FOR DECK CONNECTION SCHEDULE.
7. THE JOIST TO SUPPORT RTU CURB SHALL BE LOCATED BY THE GENERAL CONTRACTOR BEFORE STEEL FABRICATION. GENERAL CONTRACTOR SHALL COORDINATE W/THE RTU MANUFACTURER FOR THE SUPPORTING JOIST LOCATION.

PLAT #	C.O.D BLDG PERMIT #				
RD TRACKING #	WWW TRACKING #				
1ST FLOOR FRAMING PLAN					
ISLAMIC ASSOCIATION OF MURPHY- MURPHY MASJID					
105 McMILLEN DRIVE MURPHY, TX 75094					
CITY OF MURPHY, COLLINS COUNTY, TX					
CHECK	DRAW	DATE	FILE NO	NUMBER	SHEET
BS	SMH-MS	03/09/2024	2024-00	2	S-2.1

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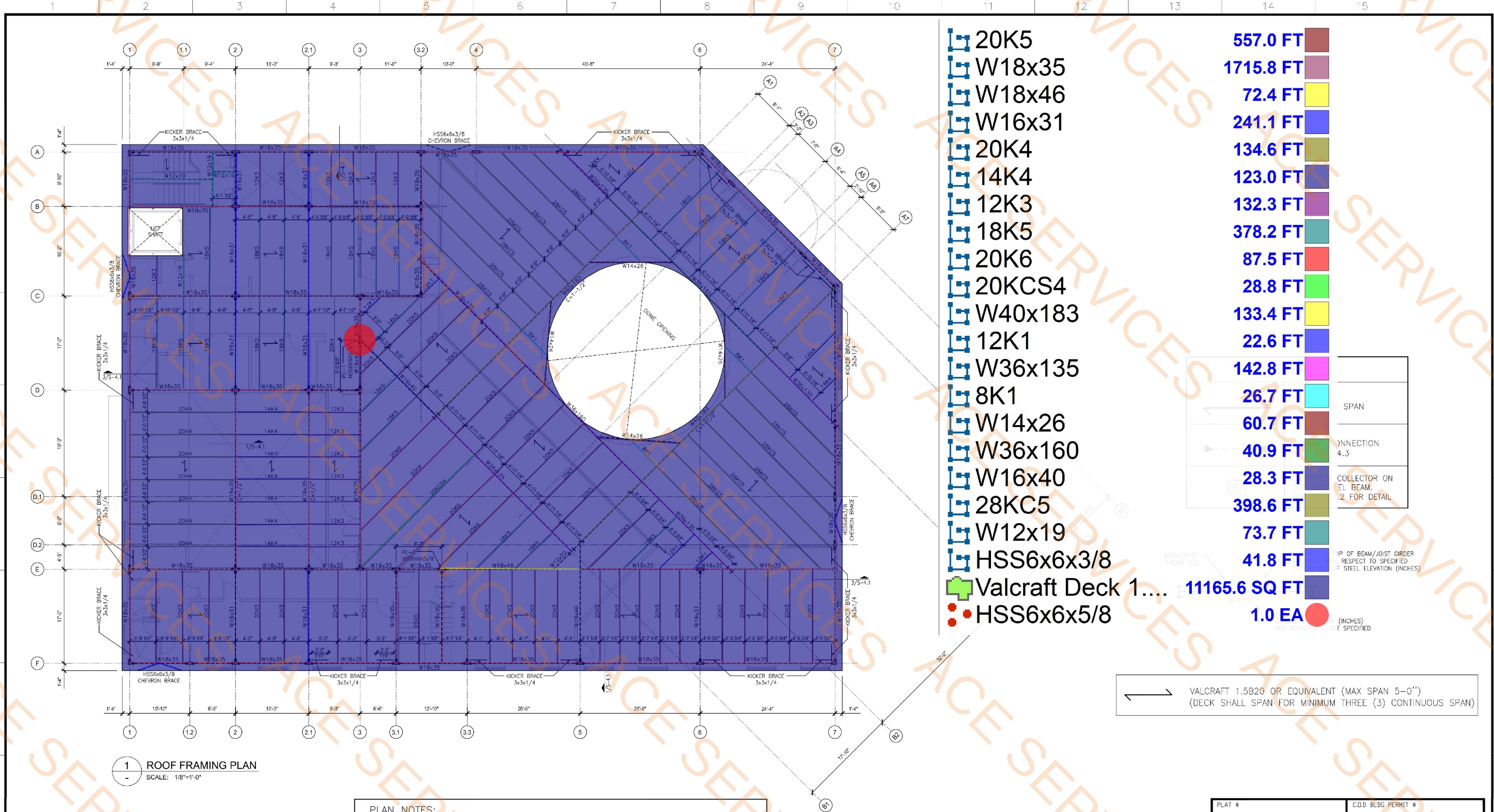
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105 McMILLEN DRIVE MURPHY, TX 75094

A	11-14-2024	BS	FIRST ISSUE FOR PERMIT
REV.	DATE	BY	DESCRIPTION

S-2.1



1 ROOF FRAMING PLAN
SCALE: 1/8"=1'-0"

PLAN NOTES:

- SEE S-1.0 FOR GENERAL NOTES.
- SEE S-3.1 TO S-3.4 SERIES FOR FOUNDATION DETAILS.
- SEE S-4.1 TO S-4.5 SERIES FOR FRAMING DETAILS.
- SEE S-2.3 FRAMING ELEVATION.
- JOIST MANUFACTURER SHALL INCLUDE THE RTU LOAD FOR JOIST DESIGN AS SHOWN ON THE PLAN. COORDINATE W/ GENERAL CONTRACTOR FOR RTU LOCATION & LOAD.
- SEE DETAIL 8/S-4.1 FOR DECK CONNECTION SCHEDULE.
- THE JOIST TO SUPPORT RTU CURB SHALL BE LOCATED BY THE GENERAL CONTRACTOR BEFORE STEEL FABRICATION. GENERAL CONTRACTOR SHALL COORDINATE W/THE RTU MANUFACTURER FOR THE SUPPORTING JOIST LOCATION.

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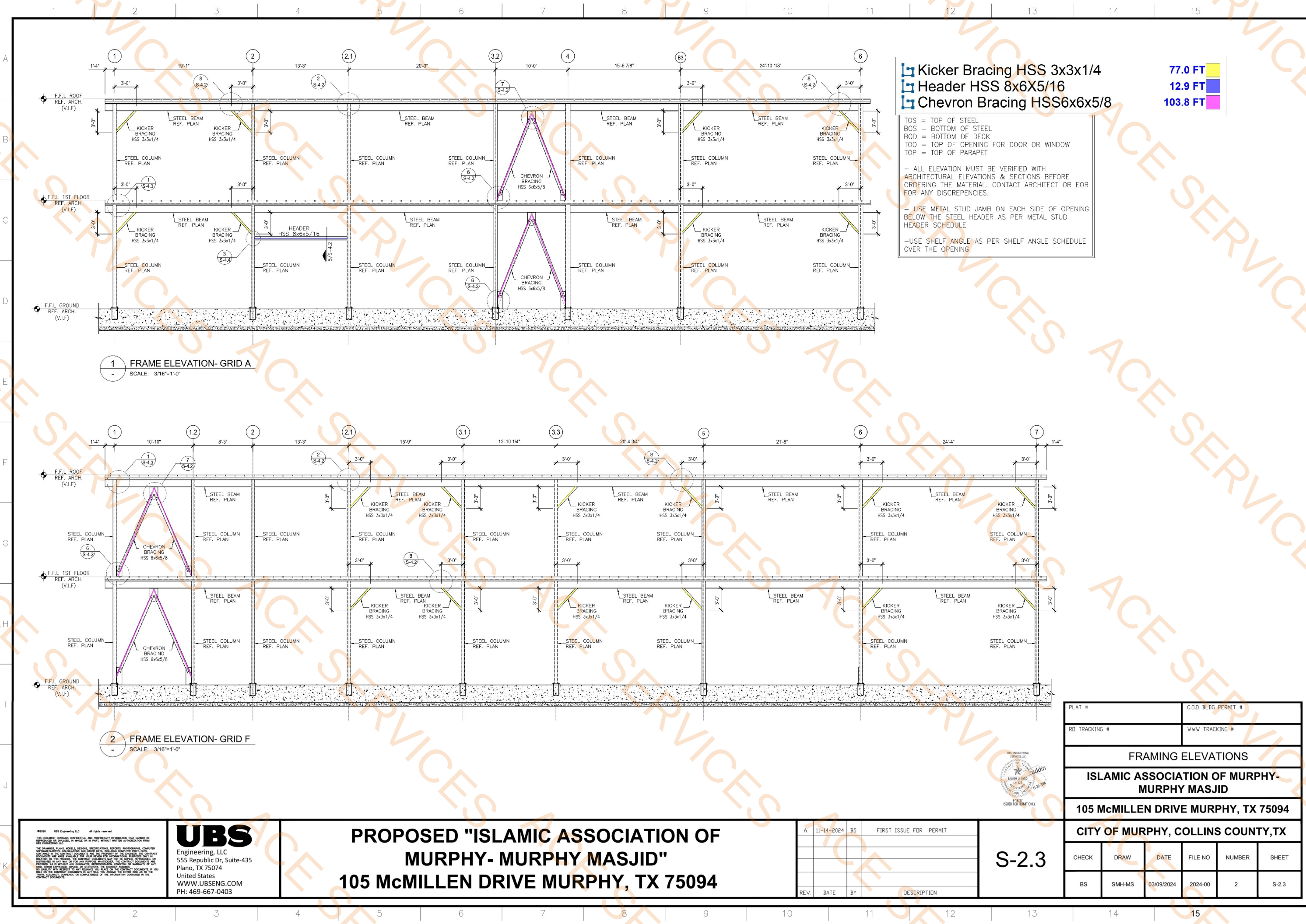
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A	11-14-2024	BS	FIRST ISSUE FOR PERMIT

S-2.2

PLAT #	C.O.D. BLDG PERMIT #				
RD TRACKING #	WWW TRACKING #				
ROOF FRAMING PLAN					
ISLAMIC ASSOCIATION OF MURPHY- MURPHY MASJID					
105 McMILLEN DRIVE MURPHY, TX 75094					
CITY OF MURPHY, COLLINS COUNTY, TX					
CHECK	DRAW	DATE	FILE NO	NUMBER	SHEET
BS	SMH-MS	03/09/2024	2024-00	2	S-2.2



Kicker Bracing HSS 3x3x1/4
Header HSS 8x6x5/16
Chevron Bracing HSS6x6x5/8

77.0 FT
12.9 FT
103.8 FT

TOS = TOP OF STEEL
BOS = BOTTOM OF STEEL
BOD = BOTTOM OF DECK
TOO = TOP OF OPENING FOR DOOR OR WINDOW
TOP = TOP OF PARAPET

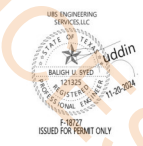
- ALL ELEVATION MUST BE VERIFIED WITH ARCHITECTURAL ELEVATIONS & SECTIONS BEFORE ORDERING THE MATERIAL. CONTACT ARCHITECT OR EOR FOR ANY DISCREPANCIES.

- USE METAL STUD JAMB ON EACH SIDE OF OPENING BELOW THE STEEL HEADER AS PER METAL STUD HEADER SCHEDULE

-USE SHELF ANGLE AS PER SHELF ANGLE SCHEDULE OVER THE OPENING.

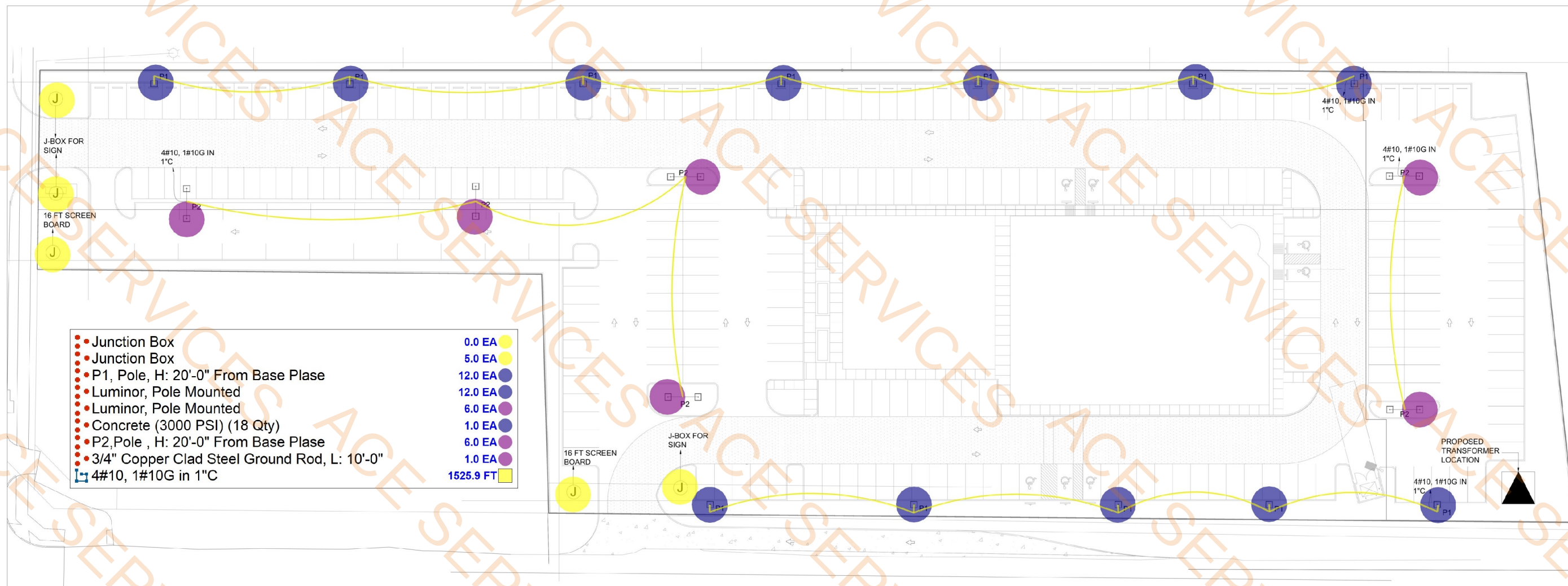
1 FRAME ELEVATION- GRID A
SCALE: 3/16"=1'-0"

2 FRAME ELEVATION- GRID F
SCALE: 3/16"=1'-0"



UBS Engineering, LLC 555 Republic Dr, Suite-435 Plano, TX 75074 United States WWW.UBSENG.COM PH: 469-667-0403	PROPOSED "ISLAMIC ASSOCIATION OF MURPHY- MURPHY MASJID" 105 McMILLEN DRIVE MURPHY, TX 75094		A 11-14-2024 BS FIRST ISSUE FOR PERMIT		S-2.3
REV. DATE BY DESCRIPTION					

PLAT #		C.O.D. BLDG PERMIT #			
RD TRACKING #		WWW TRACKING #			
FRAMING ELEVATIONS					
ISLAMIC ASSOCIATION OF MURPHY- MURPHY MASJID					
105 McMILLEN DRIVE MURPHY, TX 75094					
CITY OF MURPHY, COLLINS COUNTY, TX					
CHECK	DRAW	DATE	FILE NO	NUMBER	SHEET
BS	SMH-MS	03/09/2024	2024-00	2	S-2.3

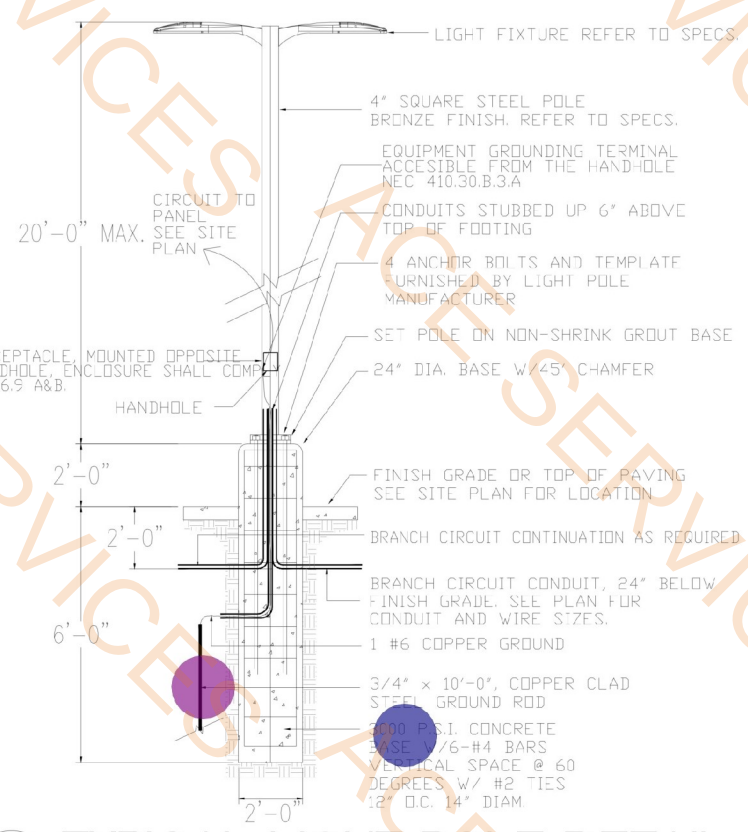


01 ELECTRICAL SITE PLAN
SCALE: 1" = 25'-0"

ELECTRICAL SITE NOTES

- COORDINATE WITH SIGN CONTRACTOR ALL ILLUMINATED SIGNS IN ACCORDANCE TO CITY OF MURPHY, TEXAS SIGN REGULATIONS.
- EXTERIOR LIGHTING SHALL BE INSTALLED PER THE CITY OF MURPHY ELECTRICAL ORDINANCE AND IN CONJUNCTION WITH THE 2023 NEC.
- ALL CONDUIT FOR ELECTRICAL SERVICE SHALL BE INSTALLED PER UTILITY STANDARDS AND SHALL HAVE MINIMUM 42" COVER. CONTRACTOR SHALL BE RESPONSIBLE FOR FILING WITH UTILITY AND INSTALLING PER UTILITY INSTRUCTIONS.
- CONTRACTOR SHALL INSTALL ALL TELEPHONE CONDUIT IN COORDINATION WITH TELEPHONE COMPANY STANDARDS, CONTACT PHONE COMPANY BEFORE ANY WORK BEGINS.
- CONTRACTOR SHALL INSTALL ALL CABLES AND CONDUIT PER CABLE COMPANY STANDARDS, COORDINATE AS REQUIRED.
- CONNECT POST INDICATOR VALVE TO FIRE ALARM SYSTEM. VERIFY EXACT LOCATION BEFORE ROUGH-IN.
- MOUNT POWER METER AT PAD MOUNTED TRANSFORMER OR AS DIRECTED BY UTILITY CO.
- ALL UTILITIES, INCLUDING ELECTRICAL DISTRIBUTION AND COMMUNICATION SHALL BE INSTALLED BELOW GRADE AS REQUIRED.
- AREA PARKING LIGHTS SHALL BE CONTROLLED BY A PHOTOCELL AND TIME CLOCK CONTROL. MOUNT OUTDOOR PHOTOCELL HORIZONTALLY ON ROOF OR EQUAL, FACING NORTHERN SKY. HOODED PORTION ON TOP, POINTED AWAY FROM ANY NIGHTTIME LIGHT SOURCES. TIME SWITCH SHALL BE CAPABLE OF RETAINING PROGRAMMING AND THE TIME SETTING DURING LOSS OF POWER FOR A PERIOD OF AT LEAST 10 HOURS. ALL EXTERIOR LIGHTS SHALL BE LISTED DARK SKY COMPLIANT.

Luminaire Schedule					
Symbol	Label	Description	Lum. Watts	Lum. Lumens	[MANUFAC]
		DSX1 LED P5 50K 80CRI BLC	138.16	13500	Lithonia Lighting
		DSX1 LED P5 50K 80CRI 15M	138.16	16971	Lithonia Lighting



02 TYPICAL LIGHT POLE DETAIL
SCALE: NONE

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972-424 1325 (w)
469-258-9322 (c)
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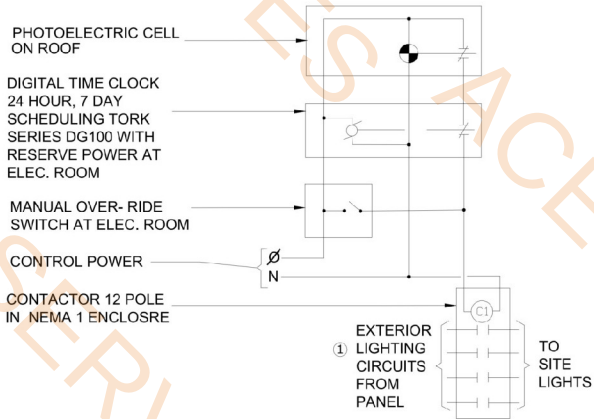
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SHELL AND INTERIOR FINISH OUT
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MURPHY, TX 75094

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Sheet Number:
ESP-1
Project Number:

LIGHTING FIXTURE SCHEDULE							
TYPE	MANUFACTURER	CATALOG #	LAMPS	VOLT	WATTS	CCT	DESCRIPTION
A	H.E. WILLIAMS	LT - 24 - L64/850 - AF - DIM - 120	48.5W LED	120	48.5	5,000K	2' X 4' RECESSED DIRECT/INDIRECT LED WITH DIMMING DRIVER PREWIRED FOR 0-10V CONTROLS, DIFFUSER LENS
A(N.L)	H.E. WILLIAMS	LT - 24 - L64/850 - AF - EM/10W - DIM - 120	48.5W LED	120	48.5	5,000K	2' X 4' RECESSED DIRECT/INDIRECT LED WITH DIMMING DRIVER PREWIRED FOR 0-10V CONTROLS WITH EMERGENCY BATTERY DIFFUSER LENS
B	H.E. WILLIAMS	LT - 22 - L39/850 - AF - DIM - 120	33W LED	120	33	5,000K	2' X 2' RECESSED DIRECT/INDIRECT LED WITH DIMMING DRIVER PREWIRED FOR 0-10V CONTROLS, DIFFUSER LENS
B(N.L)	H.E. WILLIAMS	LT - 22 - L39/850 - AF - EM/10W - DIM - 120	33W LED	120	33	5,000K	2' X 2' RECESSED DIRECT/INDIRECT LED WITH DIMMING DRIVER PREWIRED FOR 0-10V CONTROLS WITH EMERGENCY BATTERY DIFFUSER LENS
C	PORTFOLIO	LD8B - 60 - D010 - ER8B5070/8050- 8LB- W-2 - LI	60W LED	120	60	5,000K	8" WIDE LED RECESSED DOWNLIGHT, 1 - 100% DIMMING
C(N.L)	PORTFOLIO	LD8B - 60 - D010 - EM14 - ER8B5070/8050- 8LB- W-2 - LI	60W LED	120	60	5,000K	8" WIDE LED RECESSED DOWNLIGHT, 1 - 100% DIMMING, W/EMERGENCY LED DRIVER
D	H.E. WILLIAMS	6AR - L30/850 - DIM - UNV - OW - OF - CS	31W LED	120	31	5,000K	6" WIDE LED RECESSED DOWNLIGHT, 0 - 10V DIMMING
D(N.L)	H.E. WILLIAMS	6AR - L30/850 - EM/7W - DIM - UNV - OW - OF - CS	31W LED	120	31	5,000K	6" WIDE LED RECESSED DOWNLIGHT, 0 - 10V DIMMING, W/EMERGENCY LED DRIVER
E	H.E. WILLIAMS	MX4WUD - 12'00 - L8/850U/L8/850D - A/F - EM/10WRM- DIM - 120	14.2W LED	120	14.2	5,000K	4' LED, WALL MOUNTED, PRISMATIC LENS
F	H.E. WILLIAMS	VF1 - L20/750 - WF - CU - WHT - DIM - 120	19W LED	120	19	5,000K	ARCHITECTURAL FLOOD LIGHT - SMALL (VERIFY FINISH WITH OWNER/ARCHITECT)
G	H.E. WILLIAMS	SL - C - 4- L5/850 - RD	5W PER FOOT	120	*	5,000K	4' LENGHT LOW VOLTAGE MINI COVE LENGTH TO MATCH TRANSFORMER SYSTEM WATTS, MANUFACTURER RECOMMENDS THAT TOTAL SYSTEM WATTS IS AT LEAST 50% OF THE TRANSFORMER'S RATED MAXIMUM OUTPUT
H	PROGRESS LIGHTING	P300291-009-30	(3) 9W LED	120	27	5,000K	VANITY LIGHT FIXTURE (QTY#3 - A19 LIGHT BULBS PER FIXTURE)
I	COOPER LIGHTING	ENV - SA1E - 750 - 1- T4W - BZ	57.2W LED	120	57.2	5,000K	WALL MOUNTED UP/DOWN LIGHT (SUITABLE FOR WET LOCATION)
I(N.L)	COOPER LIGHTING	ENV - SA1E - 750 - 1- T4W - BZ - CBP/120V	57.2W LED	120	57.2	5,000K	WALL MOUNTED UP/DOWN LIGHT,WITH EMERGENCY LED DRIVER (SUITABLE FOR WET LOCATION)
P1	LITHONIA LIGHTING	DSX1 - LED - P5 - 50K - 80CRI - BLC	138W LED	208	138	5,000K	POLE MOUNTED SITE LIGHTING LED FIXTURE
P2	LITHONIA LIGHTING	DSX1 LED P5 50K 80CRI T5M	138W LED PER FIXTURE	208	276	5,000K	POLE MOUNTED SITE LIGHTING LED FIXTURE
EX	H.E. WILLIAMS	EXIT/EL - SF/DF - R - CP - AN - EM - 120	5W LED	120	5		PROVIDE WITH EMERGENCY BATTERY, NO. OF FACES AS REQUIRED, SURFACE OR RECESSED PER CONDITIONS
EM	H.E. WILLIAMS	EMER/LED - WHT - D - DRHL - T - WHT	5W LED	120	5	-	PROVIDE WITH EMERGENCY BATTERY, CONNECT AHEAD OF LIGHT SWITCH/DIMMING LEG.

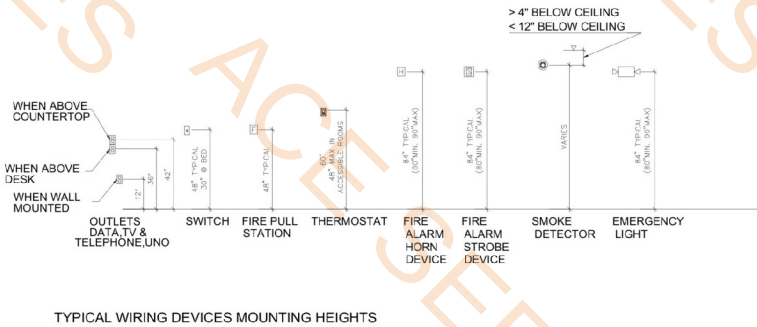


EXTERIOR LIGHTING CONTROL DIAGRAM

SCALE: NTS

KEY NOTE:

- 1 ALL EXTERIOR LIGHTS SHALL BE CONTROLLED BY PHOTOCELL MOUNTED ON ROOF UNLESS OTHERWISE NOTED. PROVIDE LIGHTING CONTACTOR (SILENT NO HUMMING CONTACTORS ONLY), MANUAL OVERRIDE SWITCH (H-O-A) AND TIME CLOCK. REFER TO EXTERIOR LIGHTING CONTROL DIAGRAM. VERIFY EXACT LOCATION OF MANUAL OVERRIDE SWITCH AND TIME CLOCK WITH OWNER BEFORE INSTALLATION.



TYPICAL WIRING DEVICES MOUNTING HEIGHTS

ORDINANCES

THIS DRAWING IS REPRESENTATIVE IN NATURE ONLY. ALL WORKS SHALL BE INSTALLED IN ACCORDANCE WITH ALL STATE, COUNTRY, MUNICIPAL AND FEDERAL LAWS AND/OR ORDINANCES GOVERNING THE PROJECT. IF IN ANY INSTANCE THE PLANS AND SPECIFICATIONS ARE IN DIRECT CONFLICT WITH SUCH LAWS AND/OR ORDINANCES, THE LAWS AND/OR ORDINANCES SHALL HAVE JURISDICTION.

LEGEND:

- SPEAKER
- TELEPHONE OUTLET
- TELEPHONE OUTLET, FLOOR MOUNT
- DATA PORT
- DATA OUTLET, FLOOR MOUNTED
- DATA/TELEPHONE OUTLET
- DATA/TELEPHONE, FLOOR MOUNT
- WIRELESS INTERNET ACCESS
- TELEVISION OUTLET
- SECURITY CAMERA(CCTV)
- PANEL, SURFACE MOUNTED
- PANEL, FLUSH MOUNTED
- DISCONNECT SWITCH, NON-FUSED
- DISCONNECT SWITCH, FUSED
- DISCONNECT SWITCH, COMBINATION
- THERMOSTAT WALL MOUNTED AT 48" AFF
- CLOCK RECEPTACLE
- GROUND
- BELL OR BUZZER
- START/STOP BUTTON
- TRANSFORMER
- EXHAUST FAN(SEE MECH SHEETS FOR SPECS.)
- ELECTRIC MOTOR
- JUNCTION BOX
- RECEPTACLE, 208V SINGLE. SEE SCHEDULE FOR AMP RATING
- RECEPTACLE, 120V DUPLEX
- RECEPTACLE, 120V DUPLEX LOWER HALF SWITCHED
- RECEPTACLE, 120V DUPLEX(ABOVE COUNTER)
- RECEPTACLE, 120V DUPLEX WEATHER PROOF
- RECEPTACLE, DOUBLE DUPLEX
- GROUND FAULT INTERRUPTER 120V DUPLEX
- 50A, 208V RANGE OUTLET
- RECEPTACLE, FLOOR MOUNT
- RECEPTACLE, SIMPLEX TWISTLOCK, ISOLATED GROUND
- COMBO MANUAL ON/OFF TOGGLE SWITCH, AUTO OFF VACANCY SENSOR
- OUTDOOR OCCUPANCY SENSOR, LEVITON PS200-10W OR EQUAL
- CEILING MOUNTED AUTO ON/OFF OCCUPANCY SENSOR
- CEILING MOUNTED AUTO OFF VACANCY SENSOR
- MULTIZONE LIGHTING DIMMER CONTROLLER
- SWITCH PACK COOPER CONTROLS SP20-MW
- WALL LIGHT SWITCH
- FAN CONTROLLER
- 3-WAY SWITCH
- MASTER DIMMER SWITCH
- COMPANION DIMMER SWITCH
- KEY SWITCH
- 1A-2- CIRCUIT HOMERUN TO PANEL 1A CKT. 2
- CIRCUIT TO DIMMER CONTROL PANEL

FIRE ALARM LEGEND:

- MANUAL PULLSTATION @ 42" AFF (SIMPLEX 4009-9003)
- HORN/STROBE DEVICE @ 80" AFF (SIMPLEX 4903-9247)
- FIRE ALARM SMOKE DETECTOR (SIMPLEX 4098-9714) ON 4098-9792 BASE
- FIRE ALARM HEAT DETECTOR (SIMPLEX 4098-9733) ON 4098-9792 BASE RATED AT 135 DEG F.
- ADA STROBE LIGHT @ 80" A.F.F. OR 6" BELOW CEILING (SIMPLEX 4904-9347)
- FIRE ALARM CONTROL PANEL (SIMPLEX 4008-9101)
- FIRE ALARM ANNUNCIATOR PANEL (SIMPLEX 4606-9101)
- SPRINKLER SYSTEM FLOW SWITCH
- SPRINKLER SYSTEM TAMPER SWITCH
- CARBON MONOXIDE DETECTOR
- DUCT SMOKE DETECTOR (SIMPLEX 4098-9752)
- PROVIDE NECESSARY SAMPLING TUBES ACROSS THE ENTIRE WIDTH OF DUCTWORK

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Original Date:

NOVEMBER 15, 2024

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Sheet Number:

E-001

Project Number:

01 FIRST FLOOR POWER PLAN

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

- 120v, Duplex Receptacle
- 120v, GFCI Duplex Receptacle
- Disconnect Switch, Non-Fused
- Service Disconnect Switch
- Junction Box
- Data & Telephone Outlet
- Single Pole Switch
- EF1, Exhaust Fan
- AHU-1
- Sump Pump
- EUH
- 2" C Cap for Tel/Data/TV & Spare

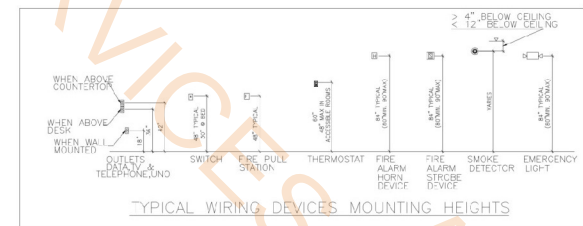
- 49.0 EA
- 21.0 EA
- 2.0 EA
- 1.0 EA
- 2.0 EA
- 10.0 EA
- 3.0 EA
- 3.0 EA
- 1.0 EA
- 1.0 EA
- 1.0 EA
- 7.0 EA

ELECTRICAL NOTES:

- ALL ELECTRICAL WORK SHALL COMPLY WITH NEC-2020 AND THE CITY OF MURPHY, TX ELECTRICAL ORDINANCE.
- GFCI RECEPTACLES SHALL BE REQUIRED FOR KITCHEN, BATHROOMS, EXTERIOR, HVAC RIUS, ETC. PER NEC-210.8.
- ALL WIRING SHALL BE COPPER AND SHALL BE IN CONDUIT OR MC CABLE.
- PANEL CLEARANCE TO BE PROVIDED ACCORDING TO NEC ART. 310-28, 32, & 33.
- WIRING METHODS TO COMPLY WITH NEC ART. 300.
- VERIFY LOCATION OF ALL OUTLETS WITH ARCHITECT AND OWNER.
- USE MINIMUM #12 AWG. COPPER.
- PER 2020 NEC GFCI BREAKERS ARE REQUIRED FOR VENDING MACHINES, WASH FOUNTAIN, AND KITCHEN EQUIPMENT EVEN IF THE EQUIPMENT IS MOVABLE.
- ARTICLE 422.5 (A-5) CORD AND PLUG CONNECTED VENDING MACHINES OR HARDWIRED VENDING MACHINES SHALL HAVE GFCI BREAKER PROTECTION FOR PERSONNEL. THE INTEGRATED GFCI RECEPTACLES CANNOT BE INSTALLED BEHIND PIECE OF EQUIPMENT, EVEN IF THE EQUIPMENT IS MOVABLE, OR COVERS/PANELS ARE MOVABLE AS PER 2020 NEC.

FIRE ALARM SYSTEM NOTE:

THE INTENT FOR THIS PROJECT IS TO HAVE STATE CERTIFIED AND LOCAL AUTHORITY APPROVE A DESIGN-BUILD FIRE ALARM AND DETECTION SYSTEM CONTRACTOR. IT SHALL BE THE RESPONSIBILITY OF THIS CONTRACTOR TO COMPLY WITH ALL APPLICABLE CODES AND REGULATIONS AND TO ALSO INTERFACE WITH THE OWNER'S SPECIAL REQUIREMENTS AS RELATED TO THE OVERALL MONITORING AND CONTROL OF THE SYSTEM. THIS CONTRACTOR SHALL ALSO PROVIDE A FIRE ALARM CONTROL PANEL AT A POSITION AS APPROVED AND DESIGNATED BY THE LOCAL FIRE MARSHALL OR FIRE CHIEF AND ALSO AS APPROVED BY ARCHITECT. THIS CONTRACTOR SHALL ALSO PROVIDE INTERFACE WITH THE CENTRAL MONITORING SERVING THE HVAC SYSTEMS.



LEGEND

- SPEAKER
 - TELEPHONE OUTLET
 - TELEPHONE OUTLET, FLOOR MOUNT
 - DATA PORT
 - DATA OUTLET, FLOOR MOUNT
 - DATA/TELEPHONE OUTLET
 - DATA/TELEPHONE, FLOOR MOUNT
 - TELEVISION OUTLET
 - SECURITY CAMERA(CCTV)
 - PANEL, SURFACE MOUNTED
 - PANEL, FLUSH MOUNTED
 - DISCONNECT SWITCH, NON-FUSED
 - DISCONNECT SWITCH, FUSED
 - DISCONNECT SWITCH, COMBINATION
 - THERMOSTAT WALL MOUNTED AT 48" AFF
 - CLOCK RECEPTACLE
 - GROUND
 - BELL OR BUZZER
 - START/STOP BUTTON
 - TRANSFORMER
 - EXHAUST FAN(SEE MECH SHEETS FOR SPECS)
 - ELECTRIC MOTOR
 - JUNCTION BOX
 - RECEPTACLE, 200V SINGLE
 - SEE SCHEDULE FOR AMP RATING
 - RECEPTACLE, 120V DUPLEX
 - RECEPTACLE, 120V DUPLEX
 - RECEPTACLE, 120V DUPLEX
 - RECEPTACLE, 120V DUPLEX(ABOVE COUNTER)
 - RECEPTACLE, 120V DUPLEX
 - WEATHER PROOF
 - RECEPTACLE, DOUBLE DUPLEX
 - GROUND FAULT INTERRUPTER
 - 120V DUPLEX
 - 50A, 208V RANGE OUTLET
 - RECEPTACLE, FLOOR MOUNT
 - RECEPTACLE, COMPLEX TWISTLOCK
 - ISOLATED GROUND
 - OCCUPANCY MOTION SENSOR LIGHT SWITCH
 - SINGLE SWITCH
 - SINGLE FAN LIGHT SWITCH
 - SINGLE FAN SWITCH
 - 3-WAY SWITCH
 - SINGLE DIMMER SWITCH
 - 3-WAY DIMMER SWITCH
 - KEY SWITCH
 - 1A-2A CIRCUIT HOMERUN TO PANEL 1A CKT. 2
- ABBREVIATIONS
- | | |
|------|--------------------------|
| ATF | ABOVE FINISHED FLOOR |
| DF | DRINKING FOUNTAIN |
| WF | WEATHER PROOF |
| GFI | GROUND FAULT INTERRUPTER |
| etc. | DENOTES SWITCHING SCHEME |

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AT 105 McMILLEN DRIVE
MURPHY, TX 75094

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Sheet Number:

E-101

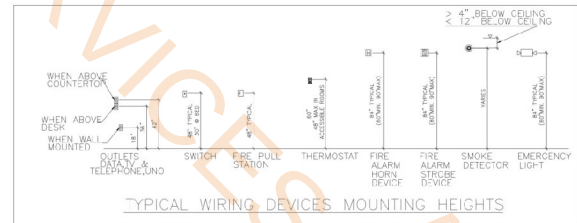
Project Number:

- 120v, Duplex Receptacle 49.0 EA
- 120v, GFCI Duplex Receptacle 8.0 EA
- Single Pole Switch 2.0 EA
- EF1, Exhaust Fan 0.0 EA
- EF2, Exhaust Fan 2.0 EA
- Data & Telephone Outlet 5.0 EA

- ELECTRICAL NOTES:
- ALL ELECTRICAL WORK SHALL COMPLY WITH NEC-2020 AND THE CITY OF MURPHY, TX ELECTRICAL ORDINANCE.
 - GFCI RECEPTACLES SHALL BE REQUIRED FOR KITCHEN, BATHROOMS, EXTERIOR, HVAC RIUS, ETC. PER NEC-210.8.
 - ALL WIRING SHALL BE COPPER AND SHALL BE IN CONDUIT OR MC CABLE.
 - PANEL CLEARANCE TO BE PROVIDED ACCORDING TO NEC ART. 110-28, 32, & 33.
 - WIRING METHODS TO COMPLY WITH NEC ART. 300.
 - VERIFY LOCATION OF ALL OUTLETS WITH ARCHITECT AND OWNER.
 - USE MINIMUM #12 AWG. COPPER.
 - PER 2020 NEC GFCI BREAKERS ARE REQUIRED FOR VENDING MACHINES, WASH FOUNTAIN, AND KITCHEN EQUIPMENT EVEN IF THE EQUIPMENT IS MOVABLE.
 - ARTICLE 422.5 (A-5) CORD AND PLUG CONNECTED VENDING MACHINES OR HARDWIRED VENDING MACHINES SHALL HAVE GFCI BREAKER PROTECTION FOR PERSONNEL. THE INTEGRATED GFCI RECEPTACLES CANNOT BE INSTALLED BEHIND PIECE OF EQUIPMENT, EVEN IF THE EQUIPMENT IS MOVABLE, OR COVERS/PANELS ARE MOVABLE AS PER 2020 NEC.

FIRE ALARM SYSTEM NOTE:

THE INTENT FOR THIS PROJECT IS TO HAVE STATE CERTIFIED AND LOCAL AUTHORITY APPROVE A DESIGN-BUILD FIRE ALARM AND DETECTION SYSTEM CONTRACTOR. IT SHALL BE THE RESPONSIBILITY OF THIS CONTRACTOR TO COMPLY WITH ALL ADAPTED CODES AND REGULATIONS AND TO ALSO INTERFACE WITH THE OWNER'S SPECIAL REQUIREMENTS AS RELATED TO THE OVERALL MONITORING AND CONTROL OF THE SYSTEM. THIS CONTRACTOR SHALL ALSO PROVIDE A FIRE ALARM CONTROL PANEL AT A POSITION AS APPROVED AND DESIGNATED BY THE LOCAL FIRE MARSHALL OR FIRE CHIEF AND ALSO AS APPROVED BY ARCHITECT. THIS CONTRACTOR SHALL ALSO PROVIDE INTERFACE WITH THE CENTRAL MONITORING SERVING THE HVAC SYSTEMS.



- LEGEND
- SPEAKER
 - TELEPHONE OUTLET
 - TELEPHONE OUTLET, FLOOR MOUNT
 - DATA PORT
 - DATA OUTLET, FLOOR MOUNT
 - DATA/TELEPHONE OUTLET
 - DATA/TELEPHONE, FLOOR MOUNT
 - TELEVISION OUTLET
 - SECURITY CAMERA(CCTV)
 - PANEL, SURFACE MOUNTED
 - PANEL, FLUSH MOUNTED
 - DISCONNECT SWITCH, NON-FUSED
 - DISCONNECT SWITCH, FUSED
 - DISCONNECT SWITCH, COMBINATION
 - THERMOSTAT WALL MOUNTED AT 48" AFF
 - CLOCK RECEPTACLE
 - GROUND
 - BELL OR BUZZER
 - START/STOP BUTTON
 - TRANSFORMER
 - EXHAUST FAN(SEE MECH SHEETS FOR SPECS.)
 - ELECTRIC MOTOR
 - JUNCTION BOX
 - RECEPTACLE, 120V SINGLE
 - SEE SCHEDULE FOR AMP RATING
 - RECEPTACLE, 120V DUPLEX
 - RECEPTACLE, 120V DUPLEX
 - RECEPTACLE, 120V DUPLEX
 - RECEPTACLE, 120V DUPLEX(ABOVE COUNTER)
 - RECEPTACLE, 120V DUPLEX
 - WEATHER PROOF
 - RECEPTACLE, DOUBLE DUPLEX
 - GROUND FAULT INTERRUPTER
 - 50A, 208V RANGE OUTLET
 - RECEPTACLE, FLOOR MOUNT
 - RECEPTACLE, COMPLEX TWISTLOCK
 - ISOLATED GROUND
 - OCCUPANCY MOTION SENSOR LIGHT SWITCH
 - SINGLE SWITCH
 - SINGLE FAN LIGHT SWITCH
 - 3-WAY SWITCH
 - SINGLE DIMMER SWITCH
 - 3-WAY DIMMER SWITCH
 - KEY SWITCH
 - 1A-2A CIRCUIT HOMERUN TO PANEL 1A CKT. 2
- ABBREVIATIONS
- | | |
|------------|--------------------------|
| ATF | ABOVE FINISHED FLOOR |
| DF | DRINKING FOUNTAIN |
| WP | WEATHER PROOF |
| GFI | GROUND FAULT INTERRUPTER |
| a,b,c,etc. | DENOTES SWITCHING SCHEME |

01 SECOND FLOOR POWER PLAN
SCALE: 1/8"=1'-0"

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plano, texas 75075
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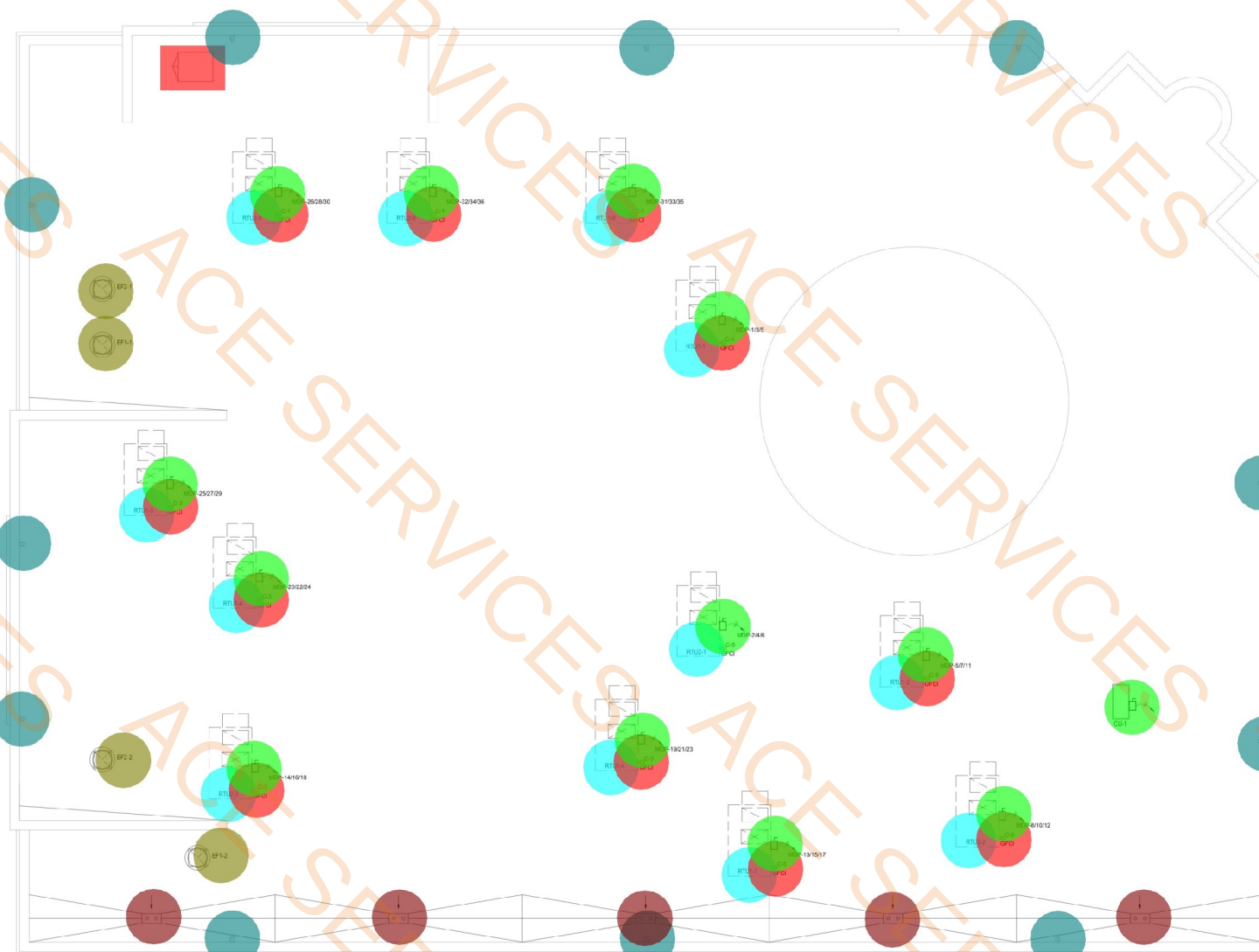


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IAM MASJID
SHELL AND INTERIOR FINISH OUT
AT 105 McMILLEN DRIVE
MURPHY, TX 75094

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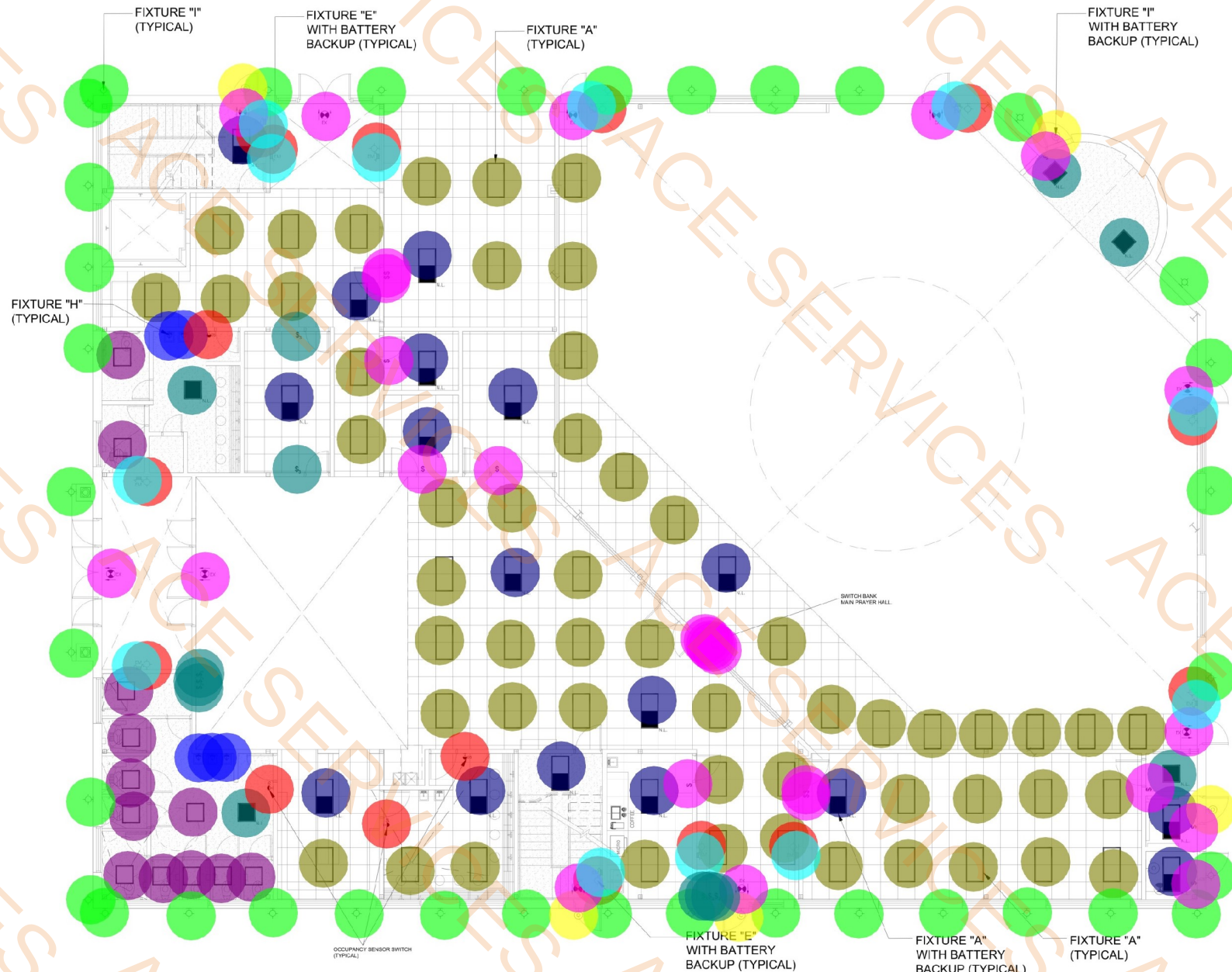
Sheet Number:
E-101
Project Number:



Project Number:

- Type A, 2' X 4' Recessed Direct/indirect Led With Dimming Driver Prewired for 0-10v Controls 54.0 EA
- Type A(N.L.) , 2' X 4' Recessed Direct/indirect Led With Dimming Driver Prewired for 0-10v Controls With Emergency ... 17.0 EA
- Type B, 2' X 2' Recessed Direct/indirect Led With Dimming Driver Prewired for 0-10v Controls With Emergency Battery 12.0 EA
- Type B(N.L.) , 2' X 2' Recessed Direct/indirect Led With Dimming Driver Prewired for 0-10v Controls With Emergency Ba 5.0 EA
- Type E, 4' LED - Wall Mounted - Prismatic Lens - Lamps: 14.2W LED - CCT: 5000KElectrical - Volt: 120 - Watts: 1... 12.0 EA
- Type: I, Wall Mounted Up/Down Light (Suitable For Wet Location) 36.0 EA
- Type: I(N.L.), Wall Mounted Up/Down Light W/ Emergency LED Driver(Suitable For Wet Location) 5.0 EA
- Type H, Vanity Light Fixture (QTY#3 - A19 Light Bulbs Per Fixture) - Lamps: (3) 9W LED - CCT: 5000KElectrical - Vol... 5.0 EA
- Type EX, Provide With Emergency Battery, No. Of Faces As Required Per Conditions 10.0 EA
- Type EM, Provide With Emergency Battery. Connect Ahead Of Light Switch/Dimming LEG. - Lamps: 5W LEDElectri... 12.0 EA
- Single Pole Switch 17.0 EA
- Three-Way Switch 8.0 EA
- Wall Mounted Occupancy Sensor Switch 4.0 EA

LIGHTING FIXTURE SCHEDULE							DESCRIPTION
TYPE	MANUFACTURER	CATALOG #	LAMPS	VOLT	WATTS	CCT	
A	H.E. WILLIAMS	LT-24-L64850-AF-DIM-120	48.5W LED	120	48.5	5,000K	2' X 4' RECESSED DIRECT/INDIRECT LED WITH DIMMING DRIVER PREWIRED FOR 0-10V CONTROLS, DIFFUSER LENS
A(N.L.)	H.E. WILLIAMS	LT-24-L64850-AF-EM10W-DIM-120	48.5W LED	120	48.5	5,000K	2' X 4' RECESSED DIRECT/INDIRECT LED WITH DIMMING DRIVER PREWIRED FOR 0-10V CONTROLS WITH EMERGENCY BATTERY DIFFUSER LENS
B	H.E. WILLIAMS	LT-22-L39850-AF-DIM-120	33W LED	120	33	5,000K	2' X 2' RECESSED DIRECT/INDIRECT LED WITH DIMMING DRIVER PREWIRED FOR 0-10V CONTROLS, DIFFUSER LENS
B(N.L.)	H.E. WILLIAMS	LT-22-L39850-AF-EM10W-DIM-120	33W LED	120	33	5,000K	2' X 2' RECESSED DIRECT/INDIRECT LED WITH DIMMING DRIVER PREWIRED FOR 0-10V CONTROLS WITH EMERGENCY BATTERY DIFFUSER LENS
C	PORTFOLIO	LD88-60-D010-ER8850/08050-RLB-W-2-LI	60W LED	120	60	5,000K	8" WIDE LED RECESSED DOWNLIGHT, 1 - 100% DIMMING
C(N.L.)	PORTFOLIO	LD88-60-D010-EM14-ER8850/08050-RLB-W-2-LI	60W LED	120	60	5,000K	8" WIDE LED RECESSED DOWNLIGHT, 1 - 100% DIMMING, W/EMERGENCY LED DRIVER
D	H.E. WILLIAMS	6AR-L30850-DIM-UNV-OW-CF-CS	31W LED	120	31	5,000K	6" WIDE LED RECESSED DOWNLIGHT, 0 - 10V DIMMING
D(N.L.)	H.E. WILLIAMS	6AR-L30850-EM7W-DIM-UNV-OW-CF-CS	31W LED	120	31	5,000K	6" WIDE LED RECESSED DOWNLIGHT, 0 - 10V DIMMING, W/EMERGENCY LED DRIVER
E	H.E. WILLIAMS	MX4WUD-1200-L6850UL0650D-AF-EM10WRM-DIM-120	14.2W LED	120	14.2	5,000K	4" LED, WALL MOUNTED, PRISMATIC LENS
F	H.E. WILLIAMS	VF1-L20750-WF-CU-WHT-DIM-120	19W LED	120	19	5,000K	ARCHITECTURAL FLOOD LIGHT - SMALL (VERIFY FINISH WITH OWNER/ARCHITECT)
G	H.E. WILLIAMS	SL-C-4-L585C-RD	5W PER FOOT	120	-	5,000K	4" LENGTH LOW VOLTAGE MINI COVE LENGTH TO MATCH TRANSFORMER SYSTEM WATTS. MANUFACTURER RECOMMENDS THAT TOTAL SYSTEM WATTS IS AT LEAST 50% OF THE TRANSFORMER'S RATED MAXIMUM OUTPUT
H	PROGRESS LIGHTING	P300251-009-30	(3) 9W LED	120	27	5,000K	VANITY LIGHT FIXTURE (QTY#3 - A19 LIGHT BULBS PER FIXTURE)
I	COOPER LIGHTING	ENV-SAIE-750-1-T4W-BZ	57.2W LED	120	57.2	5,000K	WALL MOUNTED UP/DOWN LIGHT (SUITABLE FOR WET LOCATION)
I(N.L.)	COOPER LIGHTING	ENV-SAIE-750-1-T4W-BZ-CBP120V	57.2W LED	120	57.2	5,000K	WALL MOUNTED UP/DOWN LIGHT WITH EMERGENCY LED DRIVER (SUITABLE FOR WET LOCATION)
P1	LITHONIA LIGHTING	DSX1-LED-P5-50K-80CR-BLC	138W LED	208	138	5,000K	POLE MOUNTED SITE LIGHTING LED FIXTURE
P2	LITHONIA LIGHTING	DSX1-LED-P5-50K-80CR-TSM	138W LED PER FIXTURE	208	276	5,000K	POLE MOUNTED SITE LIGHTING LED FIXTURE
EX	H.E. WILLIAMS	EXTREL-SFIDF-R-CP-AN-EM-120	5W LED	120	5	-	PROVIDE WITH EMERGENCY BATTERY, NO. OF FACES AS REQUIRED, SURFACE OR RECESSED PER CONDITIONS
EM	H.E. WILLIAMS	EMERLED-WHT-D-DRLH-L-T-WHT	5W LED	120	5	-	PROVIDE WITH EMERGENCY BATTERY, CONNECT AHEAD OF LIGHT SWITCH/DIMMING LEG.



01 FIRST FLOOR LIGHTING PLAN
SCALE: 1/8"=1'-0"

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Sheet Number:
E-201
Project Number:

2 SECTION PANEL BOARD

PANEL MDP		VOLTS	120/208	PHASE 3 WIRES 4			LSIG
		42,000 AIC			MCB 1600		
CRC NO.	POLES & AMPS.	LOAD SERVED	PHASE LOAD VA			LOAD SERVED	CRC NO. POLES & AMPS.
			A	B	C		
1	3/150	RTU1-1	15000			RTU2-1	2 3/150
3			13000				4
5			15000	13000			6
7	3/150	RTU1-2	15000			RTU2-2	8 3/50
9			5000				10
11			15000	5000			12
13	3/40	RTU1-3	3000			RTU2-3	14 3/50
15			3000				16
17			3000	3000			18
19	3/90	RTU1-4	8000			RTU2-4	20 3/80
21			6000				22
23			8000	6000			24
25	3/50	RTU1-5	5000			RTU2-5	26 3/50
27			5000				28
29			5000	5000			30
31	3/40	RTU1-6	3000			RTU2-6	32 3/50
33			3000				34
35			3000	3000			36
37		SPARE				SPARE	38
39							40
41							42
TOTAL							
TOTAL CONNECTED LOAD			DEMAND LINE AMPS.				
DEMAND LOAD							

PANEL MDP		VOLTS	120/208	PHASE 3 WIRES 4			LSIG
		42,000 AIC			MCB 1600		
CRC NO.	POLES & AMPS.	LOAD SERVED	PHASE LOAD VA			LOAD SERVED	CRC NO. POLES & AMPS.
			A	B	C		
43	3/200	PANEL-A	12000			ELEVATOR	44 3/150
45			8000				46
47			12000	8000			48
49	3/200	PANEL-B	12000			FUTURE SPARE	50 3/200
51			10000				52
53			12000	10000			54
55	3/200	PANEL-C	12000			FUTURE SPARE	56 3/200
57			10000				58
59			12000	10000			60
61		SPARE				SPARE	62
63							64
65							66
67		SPARE	10000			PANEL D	68 3/200
69							70
71			10000				72
73		SPACE				SPACE	74
75							76
77							78
79							80
81							82
83							84
TOTAL			152,000	152,000	152,000		
TOTAL CONNECTED LOAD			DEMAND LINE AMPS. 1120				
DEMAND LOAD							

PANEL A		VOLTS	120/208	PHASE 3 WIRES 4			MLO 200
		22,000 AIC					
CRC NO.	POLES & AMPS.	LOAD SERVED	PHASE LOAD VA			LOAD SERVED	CRC NO. POLES & AMPS.
			A	B	C		
1	1/20	RECEPTACLE	1000			RECEPTACLE	2 1/20
3	1/20	RECEPTACLE	1000			RECEPTACLE	4 1/20
5	1/20	RECEPTACLE	1000			RECEPTACLE	6 1/20
7	2/20	240V OUTLET	1000			RECEPTACLE	8 1/20
9			1000				10 1/20
11	1/20	RECEPTACLE	1000			RECEPTACLE	12 1/20
13	1/20	ELEV. GFCI	1000			RECEPTACLE	14 1/20
15	2/20	ELEV. SUMP	1000			RECEPTACLE	16 1/20
17			1000				18 1/20
19	1/20	DEDICATED BREAK RM.	1000			EUH	20 1/20
21	1/20	DEDICATED BREAK RM.	1000				22 1/20
23	1/20	DEDICATED BREAK RM.	1000			DRINKING FOUNTAIN	24 1/20
25	1/20	DEDICATED BREAK RM.	1000			SPARE	26 1/20
27	1/20	RISER RM.	1000			FOUNTAIN	28 1/20
29	1/20	RECEPTACLE	1000				30
31	1/20	RECEPTACLE	1000			BATH RM. CKT.	32 1/20
33	1/20	RECEPTACLE	1000			BATH RM. CKT.	34 1/20
35	1/20	RECEPTACLE	1000			BATH RM. CKT.	36 1/20
37	1/20	RECEPTACLE	1000			BATH RM. CKT.	38 1/20
39	1/20	RECEPTACLE	1000			RECEPTACLE	40 1/20
41	1/20	RECEPTACLE	1000			RECEPTACLE	42 1/20
TOTAL			19,000	19,000	19,000		
TOTAL CONNECTED LOAD			DEMAND LINE AMPS. 158				
DEMAND LOAD							

* SHUNT TRIP

PANEL B		VOLTS	120/208	PHASE 3 WIRES 4			MLO 200
		22,000 AIC					
CRC NO.	POLES & AMPS.	LOAD SERVED	PHASE LOAD VA			LOAD SERVED	CRC NO. POLES & AMPS.
			A	B	C		
1	2/20	IT-SERVER	1000			RECEPTACLES	2 1/20
3			1000			RECEPTACLES	4 1/20
5	1/20	RECEPTACLE	1000			RECEPTACLES	6 1/20
7	1/20	RECEPTACLE	1000			RECEPTACLES	8 1/20
9	1/20	RECEPTACLE	1000			RECEPTACLES	10 1/20
11	1/20	RECEPTACLE	1000			RECEPTACLES	12 1/20
13	1/20	RECEPTACLE	1000			FIRST FLOOR LIGHTS	14 1/20
15	1/20	RECEPTACLE	1000			FIRST FLOOR LIGHTS	16 1/20
17	1/20	SPEAKER	1000			FIRST FLOOR LIGHTS	18 1/20
19	1/20	SPEAKER	1000			FIRST FLOOR LIGHTS	20 1/20
21	1/20	RECEPTACLE	1000			FIRST FLOOR LIGHTS	22 1/20
23	1/20	RECEPTACLE	1000			FIRST FLOOR LIGHTS	24 1/20
25	1/20	BATH RM. CKT.	1000			FIRST FLOOR LIGHTS	26 1/20
27	1/20	BATH RM. CKT.	1000			FIRST FLOOR LIGHTS	28 1/20
29	1/20	BATH RM. CKT.	1000			FIRST FLOOR LIGHTS	30 1/20
31	1/20	DEDICATED RECEPTACLE	1000			FIRST FLOOR LIGHTS	32 1/20
33	1/20	DEDICATED RECEPTACLE	1000			FIRST FLOOR LIGHTS	34 1/20
35	1/20	DEDICATED RECEPTACLE	1000			FIRST FLOOR LIGHTS	36 1/20
37	1/20	DEDICATED RECEPTACLE	1000			FIRST FLOOR LIGHTS	38 1/20
39	1/20	DEDICATED RECEPTACLE	1000			FIRST FLOOR LIGHTS	40 1/20
41	1/20	DEDICATED RECEPTACLE	1000			SPARE	42 1/20
TOTAL			22,000	21,000	21,000		
TOTAL CONNECTED LOAD			DEMAND LINE AMPS. 118				
DEMAND LOAD							

* SHUNT TRIP BREAKER

KEY NOTES:

- 240.87(B) (APPROVED EQUIVALENT MEANS): PROVIDE 1600 AMP LSIG BREAKER IN PANEL MDP WITH AND INSTANTANEOUS TRIP FEATURE WHICH SHALL BE LESS THAN AVAILABLE ARCING CURRENT. CIRCUIT BREAKER SHALL OPEN INSTANTANEOUSLY SHOULD AN ARC FLASH OCCUR.
- 240.87 (A): ELECTRICAL CONTRACTOR SHALL COORDINATE WITH MANUFACTURER AND PROVIDE DOCUMENTATION TO DEMONSTRATE THAT THE METHOD CHOSEN TO REDUCE CLEARING TIME IS SET TO OPERATE AT A VALUE BELOW THE AVAILABLE ARCING CURRENT.

PANEL C		VOLTS	120/208	PHASE 3 WIRES 4			MLO 200
		22,000 AIC					
CRC NO.	POLES & AMPS.	LOAD SERVED	PHASE LOAD VA			LOAD SERVED	CRC NO. POLES & AMPS.
			A	B	C		
1	1/20	RTU'S GRCI	500			CHANDELIER	2 1/20
3	1/20	RTU'S GRCI	500			CHANDELIER	4 1/20
5	1/20	RTU'S GRCI	500			CHANDELIER	6 1/20
7	1/20	ROOF MTO. RECP	500			CHANDELIER	8 1/20
9	1/20	ROOF MTO. RECP	500			SECOND FLOOR LIGHTS	10 1/20
11	1/20	SECOND FLOOR LIGHTS	500			SECOND FLOOR LIGHTS	12 1/20
13	1/20	SECOND FLOOR LIGHTS	500			SECOND FLOOR LIGHTS	14 1/20
15	1/20	SECOND FLOOR LIGHTS	500			SECOND FLOOR LIGHTS	16 1/20
17	1/20	SECOND FLOOR LIGHTS	500			SECOND FLOOR LIGHTS	18 1/20
19	1/20	SECOND FLOOR LIGHTS	500			SECOND FLOOR LIGHTS	20 1/20
21	1/20	SECOND FLOOR LIGHTS	500			COVE LIGHTS	22 1/20
23	1/20	SECOND FLOOR LIGHTS	500			COVE LIGHTS	24 1/20
25	1/20	SECOND FLOOR LIGHTS	500			COVE LIGHTS	26 1/20
27	1/20	SECOND FLOOR LIGHTS	500			COVE LIGHTS	28 1/20
29	1/20	SECOND FLOOR LIGHTS	500			PARKING LTS	30 2/20
31	2/20	PARKING LTS	500				32
33			1000			PARKING LTS	34 2/20
35	2/20	SIGN	500			PARKING LTS	36
37			1000				38 2/20
39	2/20	EUH	500				40
41			1000				42 1/20
TOTAL			22,000	21,000	21,000		
TOTAL CONNECTED LOAD			DEMAND LINE AMPS. 118				
DEMAND LOAD							

* SHUNT TRIP BREAKER

PANEL D		VOLTS	120/208	PHASE 3 WIRES 4			MLO 200
		22,000 AIC					
CRC NO.	POLES & AMPS.	LOAD SERVED	PHASE LOAD VA			LOAD SERVED	CRC NO. POLES & AMPS.
			A	B	C		
1	1/20	SPARE				SPARE	2 1/20
3	1/20	SPARE				SPARE	4 1/20
5	1/20	SPARE				SPARE	6 1/20
7	1/20	SPARE				SPARE	8 1/20
9	1/20	SPARE				SPARE	10 1/20
11	1/20	SPARE				SPARE	12 1/20
13	1/20	SPARE				SPARE	14 1/20
15	1/20	SPARE				SPARE	16 1/20
17	1/20	SPARE				SPARE	18 1/20
19	1/20	SPARE				SPARE	20 1/20
21	1/20	SPARE				SPARE	22 1/20
23	1/20	SPARE				SPARE	24 1/20
25	1/20	SPARE				SPARE	26 1/20
27	1/20	SPARE				SPARE	28 1/20
29	1/20	SPARE				SPARE	30 1/20
31	1/20	SPARE				SPARE	32 1/20
33	1/20	SPARE				SPARE	34 1/20
35	1/20	SPARE				SPARE	36 1/20
37	1/20	SPARE				SPARE	38 1/20
39	1/20	SPARE				SPARE	40 1/20
41	1/20	SPARE				SPARE	42 1/20
TOTAL							
TOTAL CONNECTED LOAD			DEMAND LINE AMPS.				
DEMAND LOAD							

- MDP Panel
- MDP Panel
- A Panel
- B Panel
- C Panel
- D Panel
- 1 Pole, 20A Breaker
- 1 Pole, 20A Breaker
- 2 Pole, 20A Breaker
- 1 Pole, 20A Breaker
- 2 pole, 20A Breaker
- 1 Pole, 20A Breaker
- 2 Pole, 20A Breaker
- 3 Pole, 200A Breaker
- 3 Pole, 150A Breaker
- 3 Pole, 150A Breaker
- 3 Pole, 40A Breaker
- 3 Pole, 80A Breaker
- 3 Pole, 90A Breaker

- 1.0 EA
- 1.0 EA
- 1.0 EA
- 1.0 EA
- 1.0 EA
- 1.0 EA
- 42.0 EA
- 30.0 EA
- 6.0 EA
- 40.0 EA
- 1.0 EA
- 36.0 EA
- 3.0 EA
- 2.0 EA
- 5.0 EA
- 1.0 EA
- 1.0 EA

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Registration No. F-6336

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Original Date:

NOVEMBER 15, 202

SHORT CIRCUIT CALCULATION
(POINT TO POINT METHOD)

MURPHY MOSQUE
Murphy, Texas

TRANSFORMER 500KVA
TRANS. IMPEDANCE 5%
M = 100/5 = 20
TRANS. FLA 1388
SIZE OF WIRE 4 SETS OF 600KCMIL
LENGTH 100 FT
LET THRU AMPS 20 x 1388 27760 AMP
 $F = \frac{1.732 \times L \times I}{C \times N \times E}$
 $F = \frac{1.732 \times 100 \times 27760}{4 \times 22965 \times 208}$
F = 0.25
M = 1/1 + 0.25 = 0.8
I.S.C.A = 0.8 x 27760
= 22,208 AMPS AVAILABLE
Use Minimum 30,000 Amp. Fault Current @ Main Panel.

LOAD CALCULATIONS

LOAD : EPIC
120 / 208 VOLTS, 3 PHASE, 4 WIRE, 60 HERTZ
PROJECT: IAM MASJID
LOCATION: MURPHY, TEXAS
DATE: 11/05/2024
BY: M. WAHEED

ITEM	CONNECTED VA	DEMAND FACTOR	DEMAND	
			VA	AMPS
LIGHTING	24,000	1.25	30,000	
AC	265,000	1.00	265,000	
GENERAL OUTLET	40,000	10K+1/2	25,000	
ELEVATOR	25,000	1.00	25,000	
FUTURE LOAD	200,000	0.5	100,000	
TOTAL			445,000	

TOTAL DEMAND LOAD = 445,000 KVA

TOTAL DEMAND AMPS = 1,236 AMPS

SWITCHBOARD MINIMUM: 1236 x 1.25 = 1,545 AMPS

REMARKS:

USE SWITCH BOARD MINIMUM 1600 AMP

- Main Breaker w/ Surt Trip Device
- Single Pole Breaker
- Knox Box
- Time Clock
- Hand-Off Automatic Switch
- Electrical Meter
- Photo Control Paragon
- Lighting Contactor
- Service Entrance Switch (NEMA3R)
- Transformer

1.0 EA
1.0 EA
1.0 EA
1.0 EA
1.0 EA
1.0 EA
1.0 EA
1.0 EA
1.0 EA
1.0 EA

ELECTRICAL SPECIFICATIONS:

- SCOPE OF WORK: FURNISH AND INSTALL ALL MATERIALS, EQUIPMENT AND LABOR NECESSARY TO COMPLETE INSTALLATION FOR ELECTRICAL POWER AND LIGHTING SERVICE WITHIN THE AREA DESCRIBED ON THE DRAWINGS. ALL WORKS SHALL BE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE AND APPLICABLE ORDINANCES, REGULATIONS, AND CODES OF THE CITY OF MURPHY, TEXAS, AND THOSE OF STATE OF TEXAS.
- FEES AND PERMITS: THIS CONTRACTOR SHALL SECURE AND PAY FOR ALL PERMITS AND FEES WHICH ARE REQUIRED FOR THE WORK UNDER THIS SECTION OF THE SPECIFICATIONS.
- GUARANTEE: ALL MATERIALS AND WORKMANSHIP SHALL BE FULLY GUARANTEED FOR THE YEAR FROM THE DATE OF ACCEPTANCE OF THE WORK. DURING THIS PERIOD ALL PARTS FOUND TO BE DEFECTIVE SHALL BE REPLACED WITHOUT COST OF THE OWNER.
- UTILITIES: ELECTRICAL POWER AND TELEPHONE SERVICES SHALL BE EXTENDED TO POINTS OF SERVICE CONNECTIONS AT THE APPROXIMATE LOCATIONS SHOWN ON THE PLANS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE THE INSTALLATION OF THESE SERVICES WITH THE UTILITY COMPANIES. VERIFY POINTS OF CONNECTION. PAY ALL ASSOCIATED CONNECTION FEES.
- GROUNDING: ALL ELECTRICAL EQUIPMENT INSTALLED ON THIS PROJECT SHALL BE PROPERLY GROUNDED IN STRICT ACCORDANCE WITH SECTION 250 OF THE NEC.
- RACEWAYS AND FITTINGS: ALL WIRING, EXCEPT AS OTHERWISE NOTED SHALL BE INSTALLED IN CONDUIT. ALL CONDUIT WITHIN THE BUILDING SHALL BE GALVANIZED ELECTRICAL METALLIC TUBING (EMT). CONNECTIONS TO EQUIPMENT MAY BE MADE WITH FLEXIBLE METALLIC CONDUIT AS ALLOWED BY CODE. WHEREVER FLEXIBLE CONDUIT IS USED IN DAMP OR OUTDOOR LOCATIONS IT SHALL BE RATED LIQUID TIGHT AND SHEATHED WITH A VINYL COVER. FITTINGS SHALL BE LIQUID TIGHT. RACEWAYS INSTALLED IN CONCRETE OR BURIED BELOW GRADE, AND SERVICE ENTRANCE CONDUIT SHALL BE FABRICATED FROM RIGID GALVANIZED STEEL CONDUIT. UNDERGROUND CONDUIT MAY BE FABRICATED FROM UPVC. ALL APPROVED PLASTIC CONDUIT, INSTALLED WITHOUT CONCRETE ENCASUREMENT WHEN ALLOWED BY CODE. ALL CONDUIT AND FITTINGS SHALL BE APPROVED AND ALL LABELS, AND SHALL BE INSTALLED AS REQUIRED BY CODE.
- WIRING: ALL CONDUCTORS, EXCEPT WHERE OTHERWISE NOTED SHALL BE COPPER AS REQUIRED BY NEC. INSULATION SHALL BE COLORING CODED TYPE THW. ALL WIRE SIZES SHALL BE SIZED AS INDICATED AND WHERE NO SIZES ARE SPECIFIED INSTALL #12. ALL CONTROL WIRING SHALL BE #14 SIZE.
- PULL WIRES: PULL WIRE SHALL BE FURNISHED AND INSTALLED IN ALL EMPTY CONDUITS AND SHALL 90 POUND TEST NYLON CORD. LABEL EACH TERMINATION.
- OUTLET BOXES AND COVERS: ALL OUTLET BOXES INSIDE THE BUILDING SHALL BE GALVANIZED, PRESSED STEEL TYPE, EXCEPT WHERE OTHERWISE REQUIRED. INSTALL SECTIONAL TYPE BOXES IN GYPBOARD WALLS AND MASONRY TYPE BOXES IN MASONRY WALLS. ALL JUNCTION BOXES AND PULL BOXES SHALL BE EQUIPPED WITH BLACK COVERS. ALL FLUSH MOUNTED BOXES LOCATED INSIDE THE BUILDING SHALL BE EQUIPPED WITH AN IVORY COLORED PLASTIC COVER PLATE UNLESS OTHERWISE NOTED. WALL PLATE IN ROOMS WITH WOOD PANELING SHALL BE STAINED TO MATCH THE COLOR OF THE WALL OF THE WALL BOXES FOR ALUMINUM AND SHALL HAVE THREADED CONDUIT ENTRANCES, WATERPROOF TYPE, AND ADJUSTABLE POLISHED BRASS COVER PLATE.
- WIRING DEVICES: SWITCHES SHALL BE ARROW-HART #1991-SL-1 AS REQUIRED, OR EQUAL BY HUBBELL, PASS & SEYMOUR, SIERRA OR BRYANT. RECEPTACLES SHALL BE ARROW-HART #6262-1 OR EQUAL BY SWITCH MANUFACTURER. ALL ACCESSIBLE RECEPTACLES IN RESTROOMS, JANITOR CLOSETS, KITCHENS, OR OUTDOOR RECEPTACLES SHALL BE G.F.I. TYPE OR PROTECTED BY G.F.I. CIRCUIT BREAKERS.
- TELEPHONE AND COMPUTER CONDUIT SYSTEM: FURNISH AND INSTALL AN EMPTY 3/4 INCH CONDUIT FROM EACH TELEPHONE AND COMPUTER WALL OUTLET TO 12" ABOVE THE CEILING. COORDINATE THE TELEPHONE SYSTEM INSTALLATION WITH THE TELEPHONE COMPANY.
- PANELBOARDS: PANELBOARDS SHALL BE OF THE CIRCUIT BREAKER TYPE WITH TIN PLATED ALUMINUM BUSSING SIZED AS SHOWN ON THE PLAN AS MANUFACTURED BY GENERAL ELECTRIC OR SQUARE D. ALL PANELBOARDS SHALL USE BUILT-IN TYPE CIRCUIT BREAKERS FOR AIR CONDITIONING EQUIPMENT SHALL BE "ACR" TYPE, APPROVED MANUFACTURERS: GENERAL ELECTRIC OR SQUARE D.
- SAFETY SWITCHES: SAFETY SWITCHES SHALL CONSIST OF A BOX, HINGED LOCKING COVER, AND CIRCUIT PROTECTOR DEVICES, AND SHALL BE MANUFACTURED IN ACCORDANCE WITH NEMA STANDARDS AND SHALL BEAR APPLICABLE ALL LABEL. SWITCHES SHALL BE FUSED OR NON-FUSED, WITH AMPERAGE RATING AND NUMBER OF POLES AS SCHEDULED. APPROVED MANUFACTURERS: GENERAL ELECTRIC OR SQUARE D.

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NOVEMBER 15, 2024

Issue Log

ISSUED FOR CONSTRUCTION 11/07/2024

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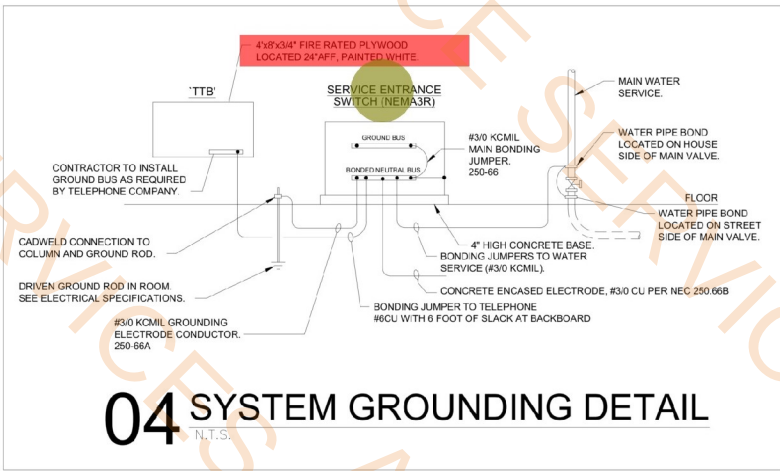
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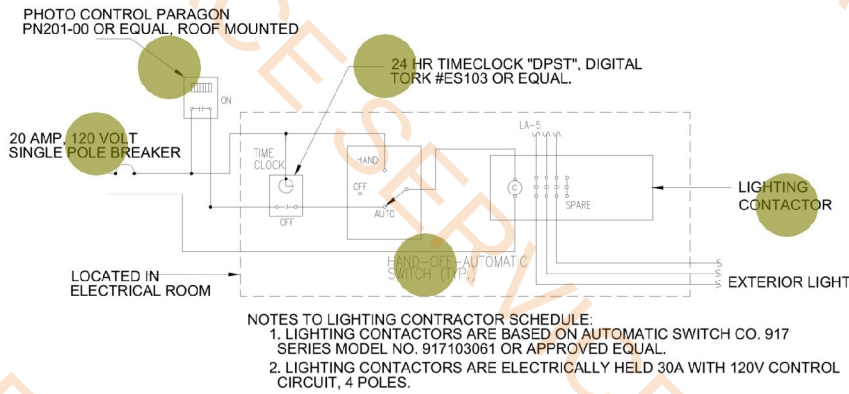
E-302

Project Number:

04 SYSTEM GROUNDING DETAIL
N.T.S.



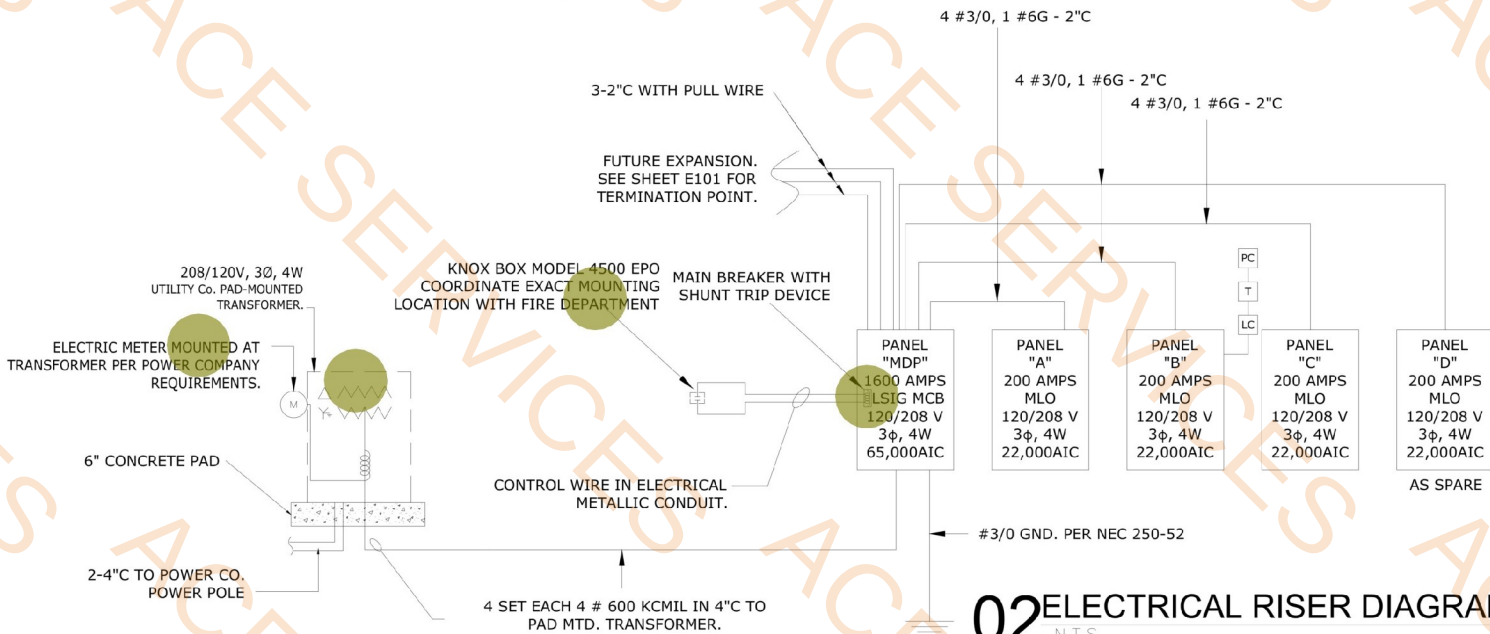
03 EXTERIOR LIGHTING CONTROL DIAGRAM
N.T.S.



GENERAL NOTES:

- COMMENCEMENT OF WORK BY ANY CONTRACTOR OR SUBCONTRACTOR SHALL BE CONSIDERED EVIDENCE THAT HE HAS INSPECTED AND ACCEPTED ALL CONDITIONS INVOLVED IN HIS WORK AND FINDS THEM SATISFACTORY.
- PRIOR TO THE COMMENCEMENT OF ANY WORK THE CONTRACTOR SHALL ANALYZE THE JOBSITE CONDITIONS, ALL DIMENSIONS, SETBACKS, PROPERTY LIMITS AND UTILITY CONDITIONS.
- CONTRACTOR SHALL SUBMIT SUBMITTALS FOR ENGINEERS APPROVAL BEFORE ANY INSTALLATION. IF THE CONTRACTOR OBSERVES ANY ERRORS OR OMISSIONS IN THE CONSTRUCTION DOCUMENTS HE SHALL PROMPTLY NOTIFY THE ENGINEER FOR CLARIFICATION (RFI). IF SUCH WORK PROCEEDS WITHOUT CLARIFICATION IT IS AT THE RISK OF THE CONTRACTOR. ANY CHANGES MADE BY CONTRACTOR PRIOR TO ENGINEER'S CLARIFICATION SHALL BE AT THE CONTRACTOR'S RISK. THE SETTLEMENT OF ANY COMPLICATIONS OR DISPUTES ARISING FROM THIS SHALL BE AT THE EXPENSE OF THE CONTRACTOR.
- ALL DISCIPLINES ARE TO REFER BACK TO ARCHITECTURAL DRAWINGS FOR DIMENSIONS. NO MEASUREMENTS ARE TO BE SCALED FROM THESE DRAWINGS.

02 ELECTRICAL RISER DIAGRAM
N.T.S.



01 ELECTRICAL RISER DIAGRAM
SCALE N.T.S.

01

- Water Closet
- Squatting Pan
- Mop Sink
- Lavatory
- Ablution Basin Tabs

5.0 EA
3.0 EA
2.0 EA
6.0 EA
10.0 EA

WALL LEGEND - INTERIOR

WALL TYPE	SYMBOL	DESCRIPTION
A		1 HR RATED STUD WALL, FULL HEIGHT TO DECK WITH 5/8" GYP. BD. (TYPE FIRECODE "C" OR "X") ON BOTH SIDES. (REF. SHEET A801 FOR U.L. DETAILS)
B C		STUD WALL WITH 5/8" GYP. BD. HEIGHT, WIDTH AND INSULATION VARIES. REFER TO SHEET A801 FOR ACTUAL CONDITIONS.
D		EXTERIOR WALL; REFER SHEET A801
E		FULL HEIGHT GLASS PARTITION

GENERAL NOTES:

- ALL MECHANICAL AND ELECTRICAL OPERATING DEVICES (SUCH AS ELECTRICAL SWITCH, RECEPTACLE, THERMOSTATS, OUTLETS ETC.) ARE TO BE MOUNTED AT 48" A.F.F. MAX FOR FRONT APPROACH AND 54" A.F.F. FOR SIDE APPROACH.
- CONTRACTOR TO VERIFY THE LOCATIONS, SIZES AND DIMENSIONS OF ALL FIXTURES WITH TENANT PRIOR TO INSTALLATION OR PLACING ORDER

ADA COMPLIANCE NOTE FOR TENANT:

LEASE HOLDER TO COMPLY WITH THE FOLLOWINGS TO MEET ADA REQUIRED FOR COUNTERS:

COUNTERS WITH CASH REGISTERS AND COUNTERS WITHOUT CASE REGISTERS SHALL HAVE AN ACCESSIBLE SECTION AT EACH TYPE OF COUNTER HAVING A 36 INCHES MINIMUM WIDTH AND A 36 INCHES MAXIMUM HEIGHT ABOVE THE FINISH FLOOR.

TYPICAL FLOOR PLAN NOTES:

- DOWEL CONC. WALK INTO FOUNDATION WALL AT EXTERIOR DOORS AND STOREFRONT DOORS, AND AT STOREFRONT SYSTEM.
- REFERENCE STRUCTURAL DRAWINGS FOR COLUMN DESIGNATIONS AND ADDITIONAL INFORMATION.
- REFERENCE MEP DRAWINGS FOR UTILITIES RUN UNDER SLAB. PROVIDE 2' SQ. LEAVE OUT AT STUB-UPS AND CLEAN OUTS, UNLESS NOTED OTHERWISE.
- REFERENCE STRUCTURE FOR CONST JOINTS
- SITE CONTRACTOR IS RESPONSIBLE FOR UTILITIES BEYOND 5'-0" OF BUILDING PERIMETER
- REFERENCE ELEVATIONS FOR TRANSOM WINDOW LOCATIONS AND REFERENCE NUMBERS.
- REFER TO EXTERIOR ELEVATIONS FOR EXTENT OF STOREFRONT WORK.
- REFER TO SHEET A104 FOR SITE RELATED DETAILS.
- VERIFY LOCATION OF FDC WITH PROXIMITY TO FIRE FIRE HYDRANT PER CITY OF MURPHY, TX REQUIREMENTS.
- PROVIDE 10.0 POUNDS U.L. RATING 4A:60B:C FIRE EXTINGUISHERS W/ CABINET. EXCEPTABLE PRODUCT: LARSON'S MP 10

NOTE:

FOR INSULATION REQUIREMENTS OF PARTITION TYPES REFER TO REFERENCED DETAILS AS SHOWN IN LEGEND FOR TYPICAL PLUMBING FIXTURE LOCATIONS. REFER TO SHEET 01/A202.

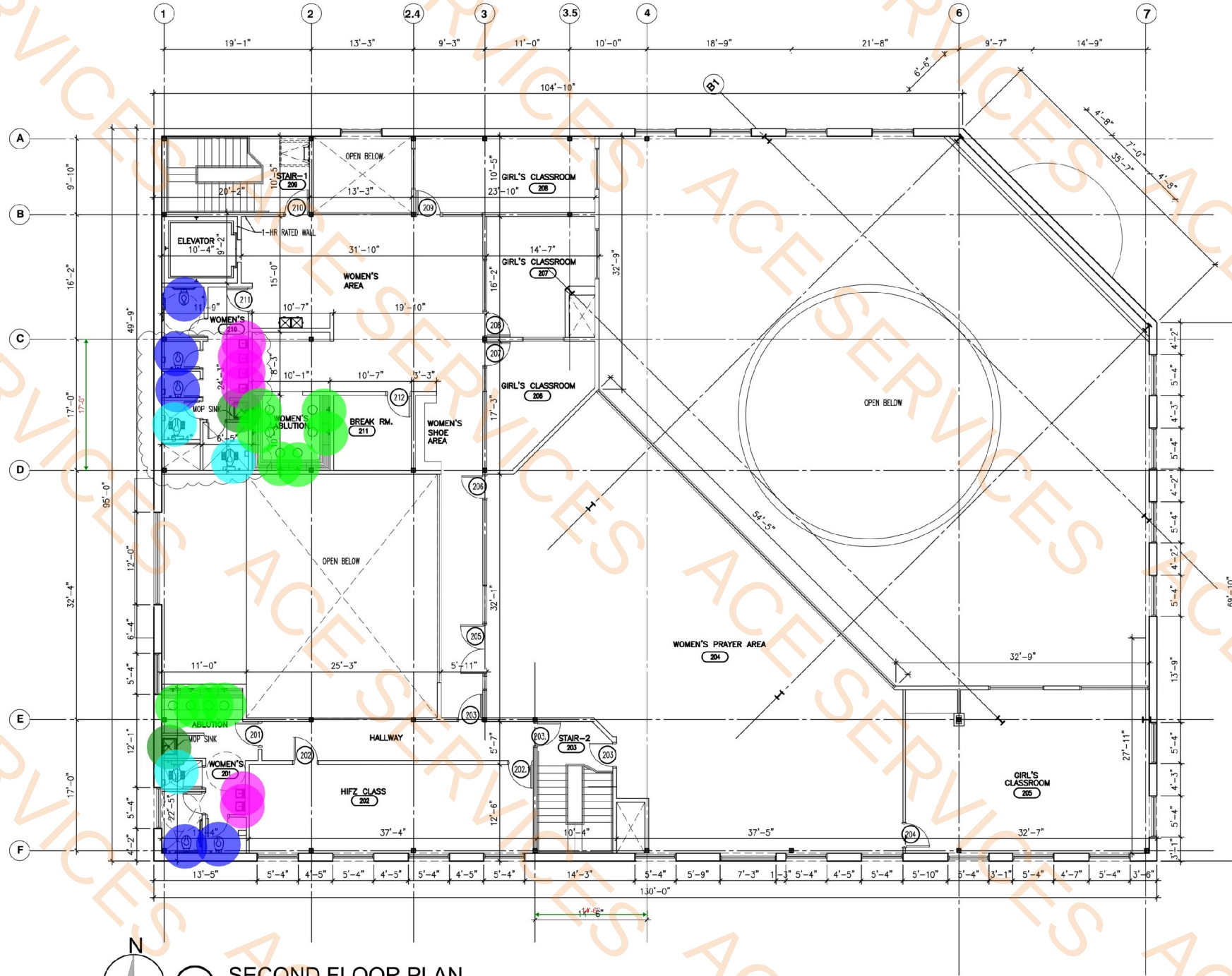
FOR RESTROOM FINISHES REF. SHEET A202 SANDED, SMOOTH, FINISH. REFER TO FINISH SCHEDULE FOR PAINTING

ALL DIMENSIONS ARE TO FACE OF STUD AND DOOR OPENING

ALL WET WALLS AND WALLS IMMEDIATELY ADJACENT TO WET WALLS ARE TO RECEIVE WATER RESISTANT GYP. BD. WITH A THICKNESS AS SPECIFIED BY PARTITION TYPE.

SECOND FLOOR AREA :

01. WOMEN'S PRAYING AREA	2,134SF
02. OTHER	4,623SF
TOTAL AREA	6,757SF



01 SECOND FLOOR PLAN

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

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06/16/2025



Original Date:

SEPTEMBER 23, 2022

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CITY COMMENTS	04/03/2025
CITY COMMENTS	05/08/2025
CITY COMMENTS	06/11/2025
CITY COMMENTS	07/16/2025

DRAWN BY:

CHECKED BY:

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SHELL + INTERIOR FINISH-OUT

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Sheet Number:

A202

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23-003