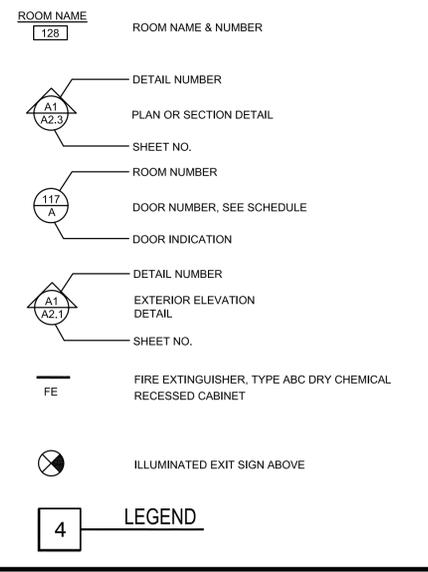


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NO. OR #	NUMBER OR POUND	ELEV.	ELEVATION
&	AND	EQ.	EQUIPMENT
@	AT	EQ.	EQUAL SPACE
A.B.	ANCHOR BOLT	EX.	EXISTING
AFF	ABOVE FINISH FLOOR	EXP	EXPANSION
ADJ.	ADJUSTABLE	EXT.	EXTERIOR
ALT.	ALTERNATE	F.D.	FLOOR DRAIN
ALUM.	ALUMINUM	FEC	FIRE EXTINGUISHER CABINET
ANOD.	ANODIZED	F.O.B.	FACE OF BLOCK OR FACE OF BRICK
APPROX.	APPROXIMATE	F.O.S.	FACE OF STUD
ARCH.	ARCHITECTURAL	FV	FIELD VERIFY
BLDG	BUILDING	FD	FIRE DAMPER
BLK.	BLOCK	FE	FIRE EXTINGUISHER
BRDG	BRIDGING	FF	FINISH FLOOR
CPT	CARPET	FIN	FINISH
CJ	CONTROL JOINT	FLR.	FLOOR
CT	CERAMIC TILE	FLUOR	FLUORESCENT
CB	CATCH BASIN	FND.	FOUNDATION
CDX	TYPE OF WOOD	F.O.M.	FACE OF MASONRY
CLG.	CEILING	F.O.S.	FACE OF STUD
CMU	CONCRETE MASONRY UNIT	FTG.	FOOTING
CO	CASED OPENING	GA.	GAUGE
COL.	COLUMN	GALV.	GALVANIZED
CONC.	CONCRETE	GB	GRAB BAR
CONST.	CONSTRUCTION	GL.	GLASS
CONT.	CONTINUOUS	GWB	GYPSON WALL BOARD
CORR	CORRIGATED	GYP	GYPSON
CU	CUBIC	HM	HOLLOW METAL
DF	DRINKING FOUNTAIN	HORIZ.	HORIZONTAL
DS	DOWNSPOUT	HT.	HEIGHT
DBL	DOUBLE	HVAC	MECHANICAL
DIA.	DIAMETER	INSUL.	INSULATION
DIM.	DIMENSION	INT.	INTERIOR
DN.	DOWN	JAN.	JANITOR
DWG.	DRAWING	JST	JOIST
E.J.	EXPANSION JOINT	LAM	LAMINATE
E.O.F.	EDGE OF FRAME	LAV.	LAVATORY
E.W.	EACH WAY	M.O.	MASONRY OPENING
EWC	ELECTRIC WATER COOLER	M.R.	MOISTURE RESISTANT
ELEC.	ELECTRICAL	M.T.	METAL THRESHOLD
		MAR	MARBLE
		MAX.	MAXIMUM

3 ABBREVIATIONS



4 LEGEND

GENERAL NOTES

- FOR THE PURPOSE OF THESE DRAWINGS AND ANY ACCOMPANYING SPECIFICATIONS THE TERM "BY C.C." WILL REFER TO ITEMS PROVIDED AND INSTALLED BY THE GENERAL CONTRACTOR, THEIR SUBCONTRACTORS AND OR AGENTS. THE TERM "OFCI" WILL REFER TO ITEMS PROVIDED BY THE OWNER AND INSTALLED BY THE GENERAL CONTRACTOR. THE TERM "NIC" WILL REFER TO ITEMS NOT IN CONTRACT OR PROVIDED AND INSTALLED BY THE OWNER AND OR THEIR AGENTS.
- UNLESS NOTED OTHERWISE, ALL ITEMS ARE ASSUMED TO BE BY "G.C."
- ALL WORK TO BE PERFORMED SHALL COMPLY WITH ALL GOVERNING FEDERAL, STATE AND MUNICIPAL CODES AND ORDINANCES.
- DO NOT SCALE DRAWINGS
- CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS AND CONDITIONS AND NOTIFY ARCHITECT OF ANY POSSIBLE CONFLICTS PRIOR TO INITIATING ANY WORK IN QUESTION.
- ALL CONTRACTORS AND SUB CONTRACTORS ARE TO REVIEW ARCHITECTS DRAWINGS AS WELL AS ENGINEER'S DRAWINGS AND COORDINATE EACH WITH THEIR SPECIFIC FIELD. REFER ANY QUESTIONS OR CONFLICTS TO ARCHITECT BEFORE BEGINNING CONSTRUCTION
- GENERAL CONTRACTOR SHALL VERIFY EXISTENCE OF ALL UNDERGROUND UTILITIES AND PIPING AND PROTECT BEFORE BEGINNING WORK. GENERAL CONTRACTOR SHALL EMPLOY A LOCATION SERVICE AT HIS EXPENSE AND WILL BE RESPONSIBLE FOR ANY REPAIR NECESSARY AS A RESULT OF DAMAGES CAUSED BY CONSTRUCTION OPERATIONS.
- ANY REFERENCES TO STRUCTURAL REINFORCING IN THE ARCHITECTURAL DRAWINGS IS FOR REPRESENTATIONAL USE ONLY. SEE STRUCTURAL DRAWINGS FOR ALL REQUIRED REINFORCING. LOCATE ALL BOND BEAMS AS PER STRUCTURAL DRAWINGS.

MFR	MANUFACTURER
MIN.	MINIMUM
MTL.	METAL
NIC	NOT IN CONTRACT
NOM.	NOMINAL
OC	ON CENTER
O.H.	OPPOSITE HAND
PEMB	PRE-ENGINEERED BLDG. SUPPLIER
P.T.	PRESSURE TREATED
PLYWD.	PLYWOOD
Q.T.	QUARRY TILE
RADIUS	RADIUS
R.D.	ROOF DRAIN
R.O.	ROUGH OPENING
RENIF.	REINFORCEMENT
REQ'D	REQUIRED
RM.	ROOM
SAB	SOUND ATTENUATION BATTS
S.S.	STAINLESS STEEL
SIM.	SIMILAR
SPEC.	SPECIFICATIONS
SQ.	SQUARE
STD.	STANDARD
STL.	STEEL
TEMP.	TEMPERED
THK.	THICKNESS
T.O.J.	TOP OF JOIST
T.O.S.	TOP OF STEEL
T.O.W.	TOP OF WALL
TYP.	TYPICAL
U.L.	UNDERWRITERS LAB
UNO	UNLESS NOTED OTHERWISE
V.B.	VAPOR BARRIER
VCT	VINYL COMPOSITION TILE
VERT.	VERTICAL
W.C.	WATER CLOSET
W.H.	WATER HEATER
W.W.F.	WELDED WIRE FABRIC
W/	WITH
WD.	WOOD

INDEX OF SHEETS

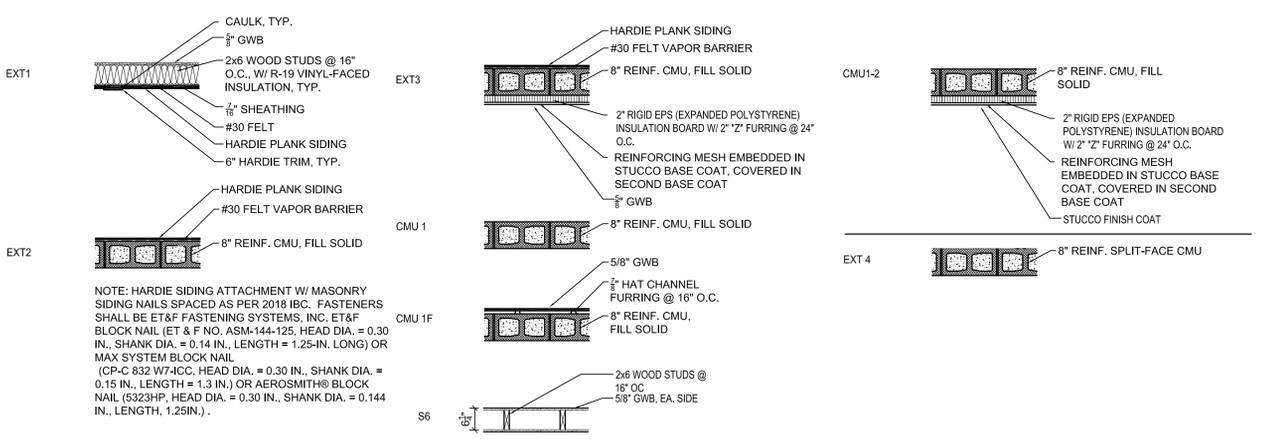
G0.0 ARCHITECTURAL COVER	M001 MECHANICAL GENERAL NOTES, LEGENDS & ABBREVIATIONS
S100 GENERAL NOTES	M002 MECHANICAL SCHEDULES
S101 BASIS OF DESIGN	M101 REC. CENTER BLDG. MECHANICAL PLAN
S102 BASIS OF DESIGN	M102 RESTROOMS BLDG. MECHANICAL PLAN
S103 SPECIAL INSPECTION NOTES	M501 MECHANICAL DETAILS
S110 FOUNDATION LAYOUT PLAN	E001 ELECTRICAL NOTES, LEGENDS & ABBREVIATIONS
S111 FOUNDATION LAYOUT PLANS	E101 REC. CENTER BLDG. ELECTRICAL LIGHTING PLAN
S120 ROOF FRAMING LAYOUT PLAN	E102 REC. CENTER BLDG. ELECTRICAL POWER PLAN
S121 ROOF FRAMING LAYOUT PLANS	E103 RESTROOM BLDG. ELECTRICAL PLAN
S122 SHEARWALL PLAN	E104 PAVILION ELECTRICAL PLAN
S200 SECTIONS	E501 ELECTRICAL DETAILS, & SCHEDULES
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S202 SECTIONS	E701 ELECTRICAL SINGLE LINE DIAGRAM
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S205 FOUNDATION DETAILS	FA102 RESTROOMS BLDG. FIRE ALARM PLAN
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A1.1 RECREATION CENTER FLOOR PLAN	
A1.2 RESTROOM BUILDING	
A1.3 PAVILION	
A1.4 RESTROOM DETAILS	
A2.1 REC. CENTER EXTERIOR ELEVATIONS	
A2.2 REC. CENTER EXTERIOR ELEVATIONS	
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A8.1 SCHEDULES	
P001 PLUMBING GENERAL NOTES, LEGENDS, & ABBREVIATIONS	
P002 PLUMBING SCHEDULES & DETAILS	
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P103 RESTROOMS BLDG. PLUMBING SANITARY SEWER PLAN	
P104 RESTROOMS BLDG. PLUMBING DOMESTIC WATER PLAN	

Hanahan Recreation Complex

City of Hanahan

Hanahan, South Carolina

Architectural Cover Sheet



2 WALL TYPES

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

Code Analysis

Hanahan recreation Complex

Hanahan, SC

A-3

Occupancy: A-3 (Assembly)

2018 International Building Code with SC modifications	2018 International Mechanical Code
2018 International Fuel Gas Code with SC modifications	2018 International Fire Code with SC modifications
2017 National Electric Code	2018 International Building Code with SC modifications
2018 International Plumbing Code	2018 International Energy Conservation Code
2017 ICC/ANSI A117.1 Accessible and Usable Buildings and Facilities	
2009 International Energy Conservation Code	

Recreation Center: 3,321 SF

Sprinklered Not Sprinklered

FIRE PROTECTION REQUIREMENTS (T.601)	type VB
Building Component	Fire Rating (hrs)
Structural Frame-columns, girders, trusses	0
Exterior Bearing Walls	0
Interior Bearing Walls	0
Exterior non-bearing walls and partitions	0
Interior non-bearing walls and partitions	0
Floor Construction	0
Roof Construction	0

FIRE RATING REQUIREMENTS FOR EXTERIOR WALLS (T.602)	Fire Rating (hrs)
Fire Separation Distance	Fire Rating (hrs)
<5' from property line	1
> or = 5' to <10' from property line	1
> or = 10' to <30' from property line	0
> or = 30'	0

MAX. AREA OF EXTERIOR WALL OPENINGS (T.705.8)	Opening %
Fire Separation Distance	Opening %
0-3'	NP
> 3-5'	NP
> 5-10'	10%
> 10-15'	15%
> 15-20'	25%
> 20-25'	45%
> 25-30'	70%
> 30'	NL

MISC. REQUIREMENTS	Requirement
Building Component	Requirement
Opening Fire Protection Assemblies (T716.1)	N/A
Fire Damper Rating (T.717.3.2.1)	1.5 hr / N/A
Flame Spread Index-vert exit and exit passages	Class A
Flame Spread Index-exit enclosures	Class B
Flame Spread Index-rooms & enclosed spaces	Class C
Sprinkler System (Section 903)	NR
Portable Fire Extinguishers	(a,b,c)
Fire Alarm & Detection Systems - (Sect. 907.2.2)	NR

Type of Construction (602.3)	Allowable Building Area (T.506.2)	Actual Building Area	Allowable Building Height (T.504.3) Allowable No. of Stories (T.504.4)	Actual Building Height	Incidental Use Areas (T.509)	Separation of Occupancies (T.508.4) (T.707.3.1.0)
Type VB	6,000 sf	3,321 sf	1 story 40'-0"	1 story 23'-2"	N/A	N/A

PLUMBING FIXTURE COUNT

	req'd	prov.
Water Closets	MEN: 1 per 125 WOMEN: 1 per 65	1 4 2 4
Lavatories	MEN: 1 per 200 WOMEN: 1 PER 200	1 2 1 2
Drinking Fountains	1 per (pair) 100	2 2
Service Sink		1 1

Occupant Load: Total Occupant Load: 133
Men: 67
Women: 66

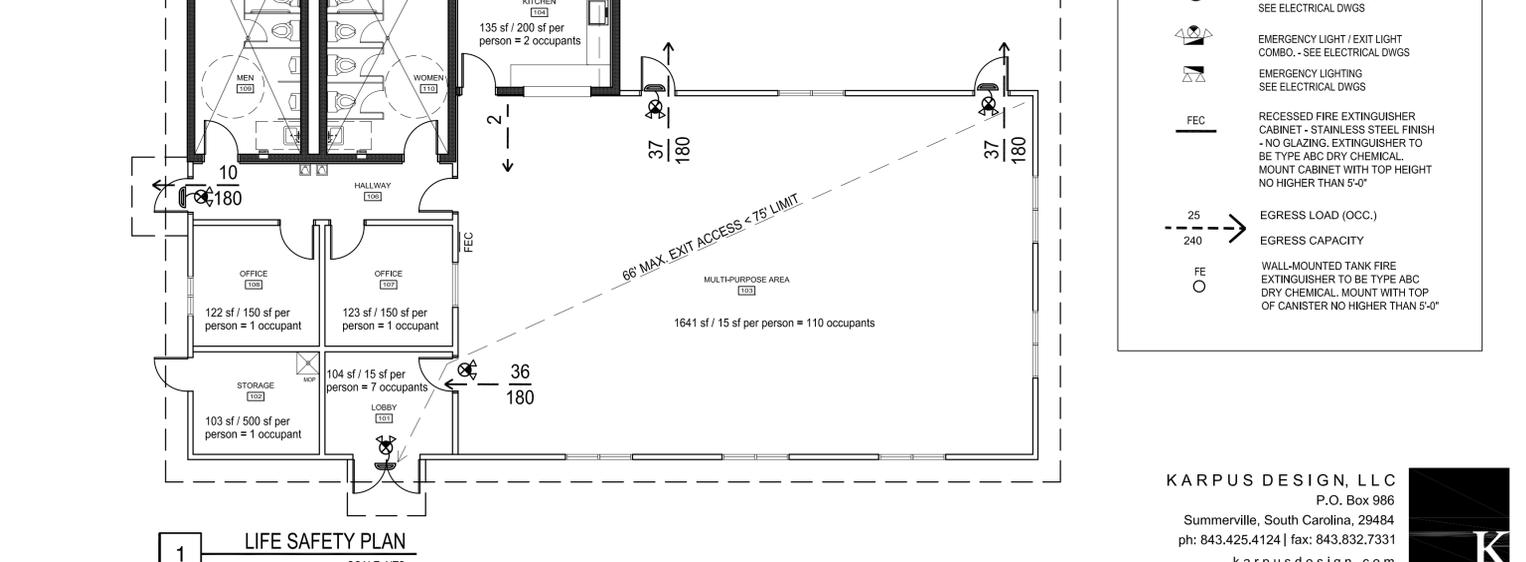
See structural notes for required special inspections

FIRE-RESISTANCE-RATED CONSTRUCTION (Chapter 7)	Fire Rating (hrs)
Exterior Wall Fire Ratings (Section 705.5)	NR
Parapets (Section 705.11)	Exception 1 NR
Fire Walls (Table 706.4) (a) Type V -2hr	2 hr / NA
Corridor Fire Rating (Table 1020.1) (Sect. 708.3)	1 hr (30+)
Corridor Ceiling (sect. 708.4, Exception 3, 1020.5.1) same as walls	
Shaft Enclosures (Section 713.4) (1009.3)	1 hr - N/A
Enclosed spaces under stair (713.11...1011.7.3)	1 hr - N/A
Opening Fire Protection Assem. (Table 716.5)	20 MINUTES
Fire Window Assembly (T. 716.6)	N/A
Min. Fire Damper Rating (T717.3.2.1)	N/A

MEANS OF EGRESS (Chapter 10)	
Occupant Load (T.1004.1.2)	133 occupants
Egress width / person - stairways (Sect. 1005.3.1)	0.3' per person
Egress width per person - other Sect. 1005.3.2	0.2' per person
Spaces with One Exit...(T. 1006.2.1)	75' max
Stories w/ spaces with One Exit...(T. 1006.3.3(2))	N/A
Common Path of Egress Travel (T. 1006.2.1)	75'
Min. Mo. of Exits Required (1006.3.1)	2 req'd / 3 provided
Illumination Emergency Power (Sect 1008.3.1)	(m)
Accessible Means of Egress (Sect. 1009.1)	ground floor
Accessible Means of Egress (Sect. 1104.4)	ground floor
Size of Doors (Sect. 1010.1)	32" min.
Panic Hardware (Section 1010.1.10)	required
Width of Stairways (Sect. 1011.2, exception 1)	36" clear
Width of Ramp (1012.5.1)	36" clear (N/A)
Handrails (Section 1014.2)	34"-38"
Guard Rails (Sect. 1015.3)	42"
Max. Exit Access Travel Dist. (T.1017.2)	200'
Corridor Construction (T.1020.1)	1hr (if >30 in B)
Min. Corridor Width (T. 1020.2)	existing
Max. Dead End Corridor (Sect. 1020.4)	20'
Interior Exit Stair (Sect. 1023.2)	1 hr (NA)
Exit Access Stair (Sect. 1019.3) - exception 1	open

NL: no limit NR: no rating required NA: not applicable

corridor serves under 30



1 LIFE SAFETY PLAN

SCALE: NTS

f. Section 2205.5 Fire extinguishers. Approved portable fire extinguishers complying with Section 906 with a minimum rating of 2-A-20-B-C shall be provided and located such that an extinguisher is not more than 75 feet (22 860 mm) from pumps, dispensers or storage tank fill-pipe openings.

h. Section 717.1 General. Fireblocking and draftstopping shall be installed in combustible concealed locations in accordance with this section. Fireblocking shall comply with Section 717.2. Draftstopping in floor/ceiling spaces and attic spaces shall comply with Sections 717.3 and 717.4, respectively. The permitted use of combustible materials in concealed spaces of noncombustible buildings shall be limited to the applications indicated in Section 717.5.

i. 717.2.1 Fireblocking materials. Fireblocking shall consist of 2-inch (51 mm) nominal lumber or two thicknesses of 1-inch (25 mm) nominal lumber with broken lap joints or one thickness of 0.719-inch (18.3 mm) wood structural panel with joints backed by 0.719-inch (18.3 mm) wood structural panel or one thickness of 0.75-inch (19 mm) particleboard with joints backed by 0.75-inch (19 mm) particleboard. Gypsum board, cement fiber board, batts or blankets of mineral wool or glass fiber or other approved materials installed in such a manner as to be securely retained in place shall be permitted as an acceptable fireblock. Batts or blankets of mineral or glass fiber or other approved nonrigid materials shall be permitted for compliance with the 10-foot (3048 mm) horizontal fireblocking in walls constructed using parallel rows of studs or staggered studs. Loose-fill insulation material shall not be used as a fireblock unless specifically tested in the form and manner intended for use to demonstrate its ability to remain in place and to retard the spread of fire and hot gases. The integrity of fireblocks shall be maintained.

j. Section 717.2.2 Concealed wall spaces. Fireblocking shall be provided in concealed spaces of stud walls and partitions, including furred spaces, and parallel rows of studs or staggered studs, as follows: a. Vertically at the ceiling and floor levels. b. Horizontally at intervals not exceeding 10 feet (3048 mm). c. 717.2.3 Connections between horizontal and vertical spaces. Fireblocking shall be provided at interconnections between concealed vertical stud wall or partition spaces and concealed horizontal spaces created by an assembly of floor joists or trusses, and between concealed vertical and horizontal spaces such as occur at soffits, drop ceilings, cove ceilings and similar locations. d. Section 717.4.3 (Draftstopping) Other groups. Draftstopping shall be installed in attics and concealed roof spaces, such that any horizontal area does not exceed 3,000 square feet (279 m²). Exception: Draftstopping is not required in buildings equipped throughout with an automatic sprinkler system in accordance with Section 903.3.1.1.

m. 1006.3 Illumination emergency power. The power supply for means of egress illumination shall normally be provided by the premises' electrical supply. In the event of power supply failure, an emergency electrical system shall automatically illuminate the following areas: 1. Exit access corridors, passageways and aisles in rooms and spaces which require two or more means of egress. 2. Exit access corridors and exit stairways located in buildings required to have two or more exits. 3. Exterior egress components at other than the level of exit discharge until exit discharge is accomplished for buildings required to have two or more exits. 4. Interior exit discharge elements, as permitted in Section 1023.1, in buildings required to have two or more exits. 5. The portion of the exterior exit discharge immediately adjacent to exit discharge doorways in buildings required to have two or more exits. The emergency power system shall provide power for a duration of not less than 90 minutes and shall consist of storage batteries, unit equipment or an on-site generator. The installation of the emergency power system shall be in accordance with Section 2702.

LEGEND

- NEW WALL SEE A1.1
- EMERGENCY EXIT LIGHTS, SEE ELECTRICAL DWGS
- EMERGENCY LIGHT / EXIT LIGHT COMBO - SEE ELECTRICAL DWGS
- EMERGENCY LIGHTING SEE ELECTRICAL DWGS
- RECESSED FIRE EXTINGUISHER CABINET - STAINLESS STEEL FINISH - NO GLAZING, EXTINGUISHER TO BE TYPE ABC DRY CHEMICAL, MOUNT CABINET WITH TOP HEIGHT NO HIGHER THAN 5'-0"
- EGRESS LOAD (OCC.)
- EGRESS CAPACITY
- WALL-MOUNTED TANK FIRE EXTINGUISHER TO BE TYPE ABC DRY CHEMICAL, MOUNT WITH TOP OF CANISTER NO HIGHER THAN 5'-0"

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HANAHAN RECREATION COMPLEX

CITY OF HANAHAN

HANAHAN, SOUTH CAROLINA

SW+ PROJECT:	7867
DATE:	3/11/21
DRAWN BY:	CMK
CHECKED BY:	JRP

REVISION HISTORY	
0	BID SET 2/25/21

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G0.0

ARCHITECTURAL COVER