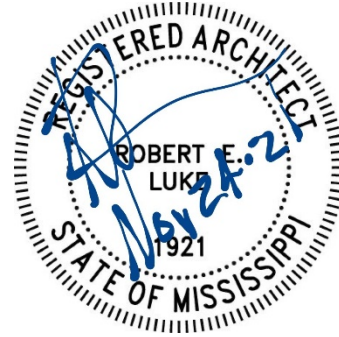


ADDENDUM NO. 4

THIS ADDENDUM FORMS A PART OF THE CONTRACT DOCUMENTS AND HEREBY MODIFIES THE ORIGINAL CONSTRUCTION DOCUMENTS DATED OCTOBER 18, 2021 RESPECTIVELY.

NAME OF COMPANY

BY



CLARIFICATION

- Item #1** Demolition of existing asphalt extents on site to be 50' outside of new curb line unless required for access road or utility installation. All disturbed site areas shall be seeded in lieu of sod.
- Item #2** Reference G000-G006 drawing sheets for all fire rating requirements and specifications.
- Item #3** Waterproofing to be installed below ceramic tile floors located on the second floor.
- Item #4** Contractor does not need to include printed copies of all released addenda, but does need to acknowledge receipt of each addendum on the bid forms.
- Item #5** No rubber treads to be used on the interior stair treads,
- Item #6** Sculptured rubber base is to be used for the wall base if Alternate #1 is taken in all locations indicated to be terrazzo.
- Item #7** No grasscrete shall be included in the project.
- Item #8** The finish for the dumpster gate shall be primed and painted, color as selected by Architect.
- Item #9** Unfaced glass fiber insulation is to be provide in all interior metal stud walls.
- Item #10** The dumpster pad and enclosure are to be included within the General Trades Package.
- Item #11** All 3-5/8" metal stud framing to be 20 gauge. All 6" metal stud framing and larger to be 16 gauge.

PROJECT MANUAL

- Item #12** **SECTION 093000 CERAMIC TILING**
REVISE: Section 2.2 Tile Products B. Products to read as the following:
 - 1. Floor Tile:

- a. Composition: Ceramic tile.
- b. Facial dimensions: 15"x 30" (nominal)
- c. Textured surface.
- d. Basis of Design: Montesano color body porcelain

Item #13 SECTION 093000 CERAMIC TILING

REVISE: Section 2.2 Tile Products B. Products to read as the following:

2. Wall Tile:

- a. Composition: Ceramic tile.
- b. Facial dimensions: 15"x 30" (nominal)
- c. Thickness: 5/16"
- d. Basis of Design: Montesano color body porcelain

Item #14 SECTION 095123 ACCOUSTICAL TILE CEILINGS

REVISE: Section 2.3 ACOUSTICAL TILES – STANDARD A. Basis-of-Design

Product: Subject to compliance with requirements, provide 24" x 24" x 5/8" non-directional fissured Ultima Tegular 1902 by Armstrong World Industries, Inc. to Section 2.3 ACOUSTICAL TILES – STANDARD A. Basis-of-Design Product: CertainTeed BET/154 reveal or equal.

DRAWINGS

Item #15 SHEET G001 – INDEX OF DRAWINGS

REPLACE: Sheet G001 - Revision No. 3 (Addendum No. 4) dated 11/24/2021

Item #16 SHEET C302 – GRADING AND DRAINAGE PLAN – COURTHOUSE

REPLACE: Sheet C302 - Revision No. 5 (Addendum No. 4) dated 11/24/2021

Item #17 SHEET H100 – HARDSCAPE PLAN

REPLACE: Sheet H100 - Revision No. 1 (Addendum No. 4) dated 11/24/2021

Item #18 SHEET H200 – HARDSCAPE DETAILS

REPLACE: Sheet H200 - Revision No. 1 (Addendum No. 4) dated 11/24/2021

Item #19 SHEET H201 – HARDSCAPE DETAILS

REPLACE: Sheet H201 - Revision No. 1 (Addendum No. 4) dated 11/24/2021

Item #20 SHEET H203 – HARDSCAPE DETAILS

REPLACE: Sheet H203 - Revision No. 1 (Addendum No. 4) dated 11/24/2021

Item #21 SHEET I100 – IRRIGATION PLAN

REPLACE: Sheet I100 - Revision No. 1 (Addendum No. 4) dated 11/24/2021

Item #22 SHEET I101 – IRRIGATION PLAN

REPLACE: Sheet I101 - Revision No. 1 (Addendum No. 4) dated 11/24/2021

Item #23 SHEET A000 - SITE PLAN - GROUND LEVEL

REPLACE: SHEET A000 - Revision No. 3 (Addendum No. 4) dated 11/24/2021

-
- Item #24 SHEET A608 – ENLARGED PLANS**
CLARIFICATION: ADD 42" HIGH WAINSCOT W/ 1/2" REVEALS; SEE COURTROOM DETAILS - TYP. IN VESTIBULE 2200
- Item #25 SHEET A701 - OVERALL FIRST & SECOND FLOOR REFLECTED CEILING PLAN & NOTES**
REPLACE: SHEET A701 - Revision No. 3 (Addendum No. 4) dated 11/24/2021
- Item #26 SHEET M001 – HVAC LEGENDS, ABBREVIATIONS AND NOTES**
REPLACE: Sheet M001 - Revision No. 2 (Addendum No. 4) dated 11/24/2021
- Item #27 SHEET M117 – SECOND FLOOR PLAN – HVAC (SUPPLY) – PART B**
REPLACE: Sheet M117 - Revision No. 2 (Addendum No. 4) dated 11/24/2021
- Item #28 SHEET M118 – SECOND FLOOR PLAN – HVAC (RETURN/EXHAUST) – PART B**
REPLACE: Sheet M118 - Revision No. 2 (Addendum No. 4) dated 11/24/2021
- Item #29 SHEET M704 – HVAC CONTROLS**
ADD: Sheet M704 - Revision No. 2 (Addendum No. 4) dated 11/24/2021
- Item #30 SHEET EA001 – ELECTRICAL ADDENDUM ITEMS**
REPLACE: Sheet EA001 - Revision No. 2 (Addendum No. 4) dated 11/23/2021
- Item #31 SHEET EA003 – ELECTRICAL ADDENDUM ITEMS**
ADD: Sheet EA003 - Revision No. 2 (Addendum No. 4) dated 11/23/2021

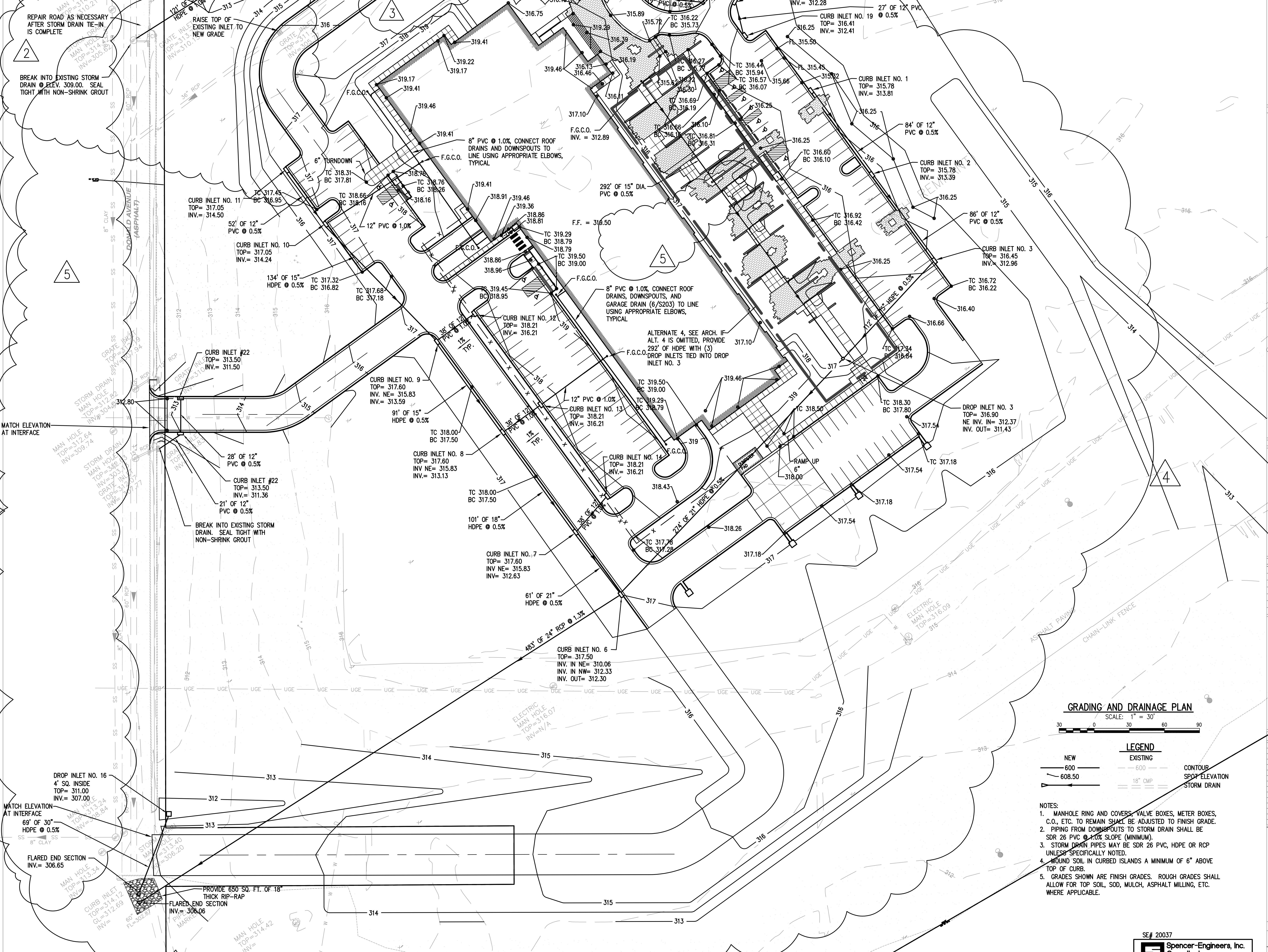
END OF ADDENDUM NO. 4

INDEX OF DRAWINGS

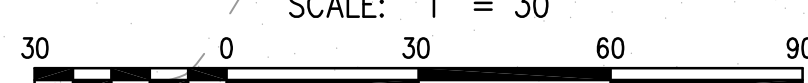
SHEET NUMBER	SHEET NAME	REVISION NUMBER	REVISION DATE
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G000	PROJECT INFORMATION		
G001	SHEET INDEX	3	11/24/2021
G002	GENERAL NOTES AND ACCESSIBILITY DETAILS		
G003	U.L. DESCRIPTIONS		
G005	U.L. DESCRIPTIONS		
G004	U.L. DESCRIPTIONS		
G006	WALL TYPES		
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C101	EXISTING SITE AND DEMOLITION PLAN - PUBLIC SAFETY BUILDING	4	11/2/2021
C102	EXISTING SITE AND DEMOLITION PLAN - COURTHOUSE	4	11/2/2021
C103	EXISTING SITE AND DEMOLITION PLAN - ENTRY DRIVE	4	11/2/2021
C200	OVERALL SITE PLAN	4	11/2/2021
C201	SITE PLAN - PUBLIC SAFETY BUILDING	4	11/2/2021
C202	SITE PLAN - COURTHOUSE	4	11/2/2021
C300	OVERALL GRADING AND DRAINAGE PLAN	4	11/2/2021
C301	GRADING AND DRAINAGE PLAN - PUBLIC SAFETY BUILDING	4	11/2/2021
C302	GRADING AND DRAINAGE PLAN - COURTHOUSE	4	11/2/2021
C303	EROSION AND SEDIMENTATION CONTROL PLAN	4	11/2/2021
C304	GRADING AND DRAINAGE PLAN - ENLARGED COURTYARD	4	11/2/2021
C400	OVERALL UTILITY PLAN	4	11/2/2021
C401	UTILITY PLAN - PUBLIC SAFETY BUILDING	4	11/2/2021
C402	UTILITY PLAN - COURTHOUSE	4	11/2/2021
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I101	IRRIGATION PLAN	1	11/24/2021
I200	IRRIGATION DETAILS	1	11/24/2021
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L101	PLANTING PLAN		
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A002	EXTERIOR STAIR AND RAMP DETAILS	1	11/2/2021
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A103	FIRST FLOOR - ENLARGED FLOOR PLAN B	1	11/2/2021
A104	SECOND FLOOR - ENLARGED FLOOR PLAN A	1	11/2/2021
A105	SECOND FLOOR - ENLARGED FLOOR PLAN B	1	11/2/2021
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A202	DOOR SCHEDULE - SECOND FLOOR	1	11/2/2021
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A301	OVERALL ROOF PLAN & DETAILS		
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A504	WALL SECTIONS		
A505	WALL SECTIONS		
A506	WALL SECTIONS		
A507	ENLARGED SECTION DETAILS		
A508	ENLARGED SECTION DETAILS		
A509	ENLARGED SECTION DETAILS		
A601	ENLARGED TOILET PLANS		
A602	ENLARGED TOILET PLANS		
A603	ENLARGED TOILET PLANS		
A604	ENLARGED STAIR PLANS AND DETAILS		
A605	STAIR SECTIONS AND DETAILS		
A606	ENLARGED STAIR PLANS AND DETAILS		
A607	ENLARGED ELEVATOR PLANS AND DETAILS	1	11/2/2021
A608	ENLARGED PLANS		
A609	ENLARGED PLANS		
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A704	SECOND FLOOR - ENLARGED REFLECTED CEILING PLAN A	1	11/2/2021
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A802	INTERIOR ELEVATIONS		
A803	INTERIOR ELEVATIONS		
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A903	MILLWORK DETAILS		
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F102	INTERIOR FINISH PLAN - SECOND FLOOR	1	11/2/2021
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S104	FOUNDATION AND FLOOR PLANS PART "B"	2	11-19-21
S105	SECOND FLOOR FRAMING PLANS PART "A"	2	11-19-21
S106	SECOND FLOOR FRAMING PLANS PART "B"	2	11-19-21
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S108	ROOF FRAMING PLANS PART "B"	2	11-19-21
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S110	DETENTION AREA FRAMING PLANS	2	11-19-21
S111	FRONT ENTRANCE FOUNDATION FRAMING PLANS AND DETAILS	2	11-19-21
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S304	STEEL DETAILS	2	11-19-21
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M101	OVERALL SECOND FLOOR PLAN - HVAC		
M102	OVERALL ROOF PLAN - HVAC		
M103	FIRST FLOOR PLAN - HVAC (SUPPLY) - PART "A"		
M104	FIRST FLOOR PLAN - HVAC (RETURN/EXHAUST) - PART "A"		
M105	FIRST FLOOR PLAN - HVAC (SUPPLY) - PART "B"		
M106	FIRST FLOOR PLAN - HVAC (RETURN/EXHAUST) - PART "B"		
M107	FIRST FLOOR PLAN - HVAC (SUPPLY) - PART "C"		
M108	FIRST FLOOR PLAN - HVAC (RETURN/EXHAUST) - PART "C"		
M109	FIRST FLOOR PLAN - HVAC (SUPPLY) - PART "D"	1	11/2/21
M110	FIRST FLOOR PLAN - HVAC (RETURN/EXHAUST) - PART "D"	1	11/2/21
M111	FIRST FLOOR PLAN - HVAC (SUPPLY) - PART "E"		
M112	FIRST FLOOR PLAN - HVAC (RETURN/EXHAUST) - PART "E"		
M113	FIRST FLOOR PLAN - HVAC (SUPPLY) - PART "F"		
M114	FIRST FLOOR PLAN - HVAC (RETURN/EXHAUST) - PART "F"		
M115	SECOND FLOOR PLAN - HVAC (SUPPLY) - PART "A"		
M116	SECOND FLOOR PLAN - HVAC (RETURN/EXHAUST) - PART "A"		
M117	SECOND FLOOR PLAN - HVAC (SUPPLY) - PART "B"	2	11/24/21
M118	SECOND FLOOR PLAN - HVAC (RETURN/EXHAUST) - PART "B"	2	11/24/21
M119	SECOND FLOOR PLAN - HVAC (SUPPLY) - PART "C"		
M120	SECOND FLOOR PLAN - HVAC (RETURN/EXHAUST) - PART "C"		
M121	SECOND FLOOR PLAN - HVAC (SUPPLY) - PART "D"		
M122	SECOND FLOOR PLAN - HVAC (RETURN/EXHAUST) - PART "D"		
M123	SECOND FLOOR PLAN - HVAC (SUPPLY) - PART "E"		
M124	SECOND FLOOR PLAN - HVAC (RETURN/EXHAUST) - PART "E"		
M125	SECOND FLOOR PLAN - HVAC (SUPPLY) - PART "F"	1	11/2/21
M126	SECOND FLOOR PLAN - HVAC (RETURN/EXHAUST) - PART "F"	1	11/2/21
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M128	SECOND FLOOR PLAN - HVAC (RETURN/EXHAUST) - PART "G"		
M129	SECOND FLOOR PLAN - HVAC (SUPPLY) - PART "H"		
M130	SECOND FLOOR PLAN - HVAC (RETURN/EXHAUST) - PART "H"		
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M132	ROOF PLAN - HVAC - PART "B"		
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M202	FIRST FLOOR PLAN - HVAC PIPING - PART "A"		
M203	FIRST FLOOR PLAN - HVAC PIPING - PART "B"		
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M403	ENLARGED MECHANICAL ROOM HVAC PIPING PLAN		
M404	ENLARGED MECHANICAL ROOM HVAC PLAN		
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M601	HVAC SCHEDULES	1	11/2/21
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E002	ELECTRICAL EQUIPMENT CONNECTION SCHEDULE	1	11/18/2021
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E221	POWER FIRST FLOOR PLAN PART B	1	11/18/2021
E222	POWER SECOND FLOOR PLAN PART A	1	11/18/2021
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E230	POWER CONNECTIONS FIRST FLOOR PLAN PART A	1	11/18/2021
E231	POWER CONNECTIONS FIRST FLOOR PLAN PART B	1	11/18/2021
E232	POWER CONNECTIONS SECOND FLOOR PLAN PART A		
E233	POWER CONNECTIONS SECOND FLOOR PLAN PART B	1	11/18/2021
E240	COMMUNICATIONS FIRST FLOOR PLAN PART A		
E241	COMMUNICATIONS FIRST FLOOR PLAN PART B	1	11/18/2021
E242	COMMUNICATIONS SECOND FLOOR PLAN PART A	1	11/18/2021
E243	COMMUNICATIONS SECOND FLOOR PLAN PART B		
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E251	SPECIAL SYSTEMS FIRST FLOOR PLAN PART B		
E252	SPECIAL SYSTEMS SECOND FLOOR PLAN PART A		
E253	SPECIAL SYSTEMS SECOND FLOOR PLAN PART B		
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E300	ELECTRICAL PANEL DETAILS		
E301	ELECTRICAL POWER RISER		
E400	ELECTRICAL PANEL SCHEDULES		
E401	ELECTRICAL PANEL SCHEDULES		
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E403	ELECTRICAL PANEL SCHEDULES		
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AV202	AV SECOND LEVEL RCP - 2197 / 2171 ENLARGED		
AV203	AV SECOND LEVEL - 2130 / 2121 / 2096 ENLARGED		
AV204	AV SECOND LEVEL RCP - 2130 / 2121 / 2096 ENLARGED		
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FP204	SECOND FLOOR PLAN - FIRE PROTECTION - PART B	1	11/2/2021
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P203	FIRST FLOOR PLAN - PLUMBING SANITARY - PART A	1	11/2/2021
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P207	SECOND FLOOR PLAN - PLUMBING SANITARY - PART A	1	11/2/2021
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P305	PLUMBING RISERS		
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M104	FIRST FLOOR PLAN - HVAC (RETURN/EXHAUST) - PART "A"		
M105	FIRST FLOOR PLAN - HVAC (SUPPLY) - PART "B"		
M106	FIRST FLOOR PLAN - HVAC (RETURN/EXHAUST) - PART "B"		
M107	FIRST FLOOR PLAN - HVAC (SUPPLY) - PART "C"		
M108	FIRST FLOOR PLAN - HVAC (RETURN/EXHAUST) - PART "C"		
M109	FIRST FLOOR PLAN - HVAC (SUPPLY) - PART "D"	1	11/2/21
M110	FIRST FLOOR PLAN - HVAC (RETURN/EXHAUST) - PART "D"	1	11/2/21
M111	FIRST FLOOR PLAN - HVAC (SUPPLY) - PART "E"		
M112	FIRST FLOOR PLAN - HVAC (RETURN/EXHAUST) - PART "E"		
M113	FIRST FLOOR PLAN - HVAC (SUPPLY) - PART "F"		
M114	FIRST FLOOR PLAN - HVAC (RETURN/EXHAUST) - PART "F"		
M115	SECOND FLOOR PLAN - HVAC (SUPPLY) - PART "A"		
M116	SECOND FLOOR PLAN - HVAC (RETURN/EXHAUST) - PART "A"		
M117	SECOND FLOOR PLAN - HVAC (SUPPLY) - PART "B"	2	11/24/21
M118	SECOND FLOOR PLAN - HVAC (RETURN/EXHAUST) - PART "B"	2	11/24/21
M119	SECOND FLOOR PLAN - HVAC (SUPPLY) - PART "C"		
M120	SECOND FLOOR PLAN - HVAC (RETURN/EXHAUST) - PART "C"		
M121	SECOND FLOOR PLAN - HVAC (SUPPLY) - PART "D"		
M122	SECOND FLOOR PLAN - HVAC (RETURN/EXHAUST) - PART "D"		
M123	SECOND FLOOR PLAN - HVAC (SUPPLY) - PART "E"		
M124	SECOND FLOOR PLAN - HVAC (RETURN/EXHAUST) - PART "E"		
M125	SECOND FLOOR PLAN - HVAC (SUPPLY) - PART "F"	1	11/2/21
M126	SECOND FLOOR PLAN - HVAC (RETURN/EXHAUST) - PART "F"	1	11/2/21
M127	SECOND FLOOR PLAN - HVAC (SUPPLY) - PART "G"		
M128	SECOND FLOOR PLAN - HVAC (RETURN/EXHAUST) - PART "G"		
M129	SECOND FLOOR PLAN - HVAC (SUPPLY) - PART "H"		
M130	SECOND FLOOR PLAN - HVAC (RETURN/EXHAUST) - PART "H"		
M131	ROOF PLAN - HVAC - PART "A"		
M132	ROOF PLAN - HVAC - PART "B"		
M200	OVERALL FIRST FLOOR PLAN - HVAC PIPING		
M201	OVERALL SECOND FLOOR PLAN - HVAC PIPING		
M202	FIRST FLOOR PLAN - HVAC PIPING - PART "A"		
M203	FIRST FLOOR PLAN - HVAC PIPING - PART "B"		
M204	SECOND FLOOR PLAN - HVAC PIPING - PART "A"		
M205	SECOND FLOOR PLAN - HVAC PIPING - PART "B"		
M206	PARTIAL ROOF PLAN - HVAC PIPING		
M401	ENLARGED MECHANICAL ROOM HVAC PLAN		
M402	ENLARGED MECHANICAL ROOM HVAC PLAN		
M403	ENLARGED MECHANICAL ROOM HVAC PIPING PLAN		
M404	ENLARGED MECHANICAL ROOM HVAC PLAN		
M501	HVAC DETAILS		
M502	AHU SECTIONS		
M601	HVAC SCHEDULES	1	11/2/21
M602	HVAC SCHEDULE	1	11/2/21
M603	HVAC SCHEDULE	1	11/2/21
M604	HVAC SCHEDULES		
M701	HVAC CONTROLS		
M702	HVAC CONTROLS		
M703	HVAC CONTROLS		
M704	HVAC CONTROLS		
M801	CHILLED WATER SCHEMATIC	2	11/24/21
MECHANICAL: 56			
ELECTRICAL			
E001	ELECTRICAL LIGHTING FIXTURE SCHEDULE, LEGEND, NOTES		11/18/2021
E002	ELECTRICAL EQUIPMENT CONNECTION SCHEDULE	1	11/18/2021
E100	ELECTRICAL SITE PLAN	1	11/18/2021
E210	LIGHTING FIRST FLOOR PLAN PART A		
E211	LIGHTING FIRST FLOOR PLAN PART B	1	11/18/2021
E212	LIGHTING SECOND FLOOR PLAN PART A		
E213	LIGHTING SECOND FLOOR PLAN PART B		
E220	POWER FIRST FLOOR PLAN PART A		
E221	POWER FIRST FLOOR PLAN PART B	1	11/18/2021
E222	POWER SECOND FLOOR PLAN PART A	1	11/18/2021
E223	POWER SECOND FLOOR PLAN PART B		
E230	POWER CONNECTIONS FIRST FLOOR PLAN PART A	1	11/18/2021
E231	POWER CONNECTIONS FIRST FLOOR PLAN PART B	1	11/18/2021
E232	POWER CONNECTIONS SECOND FLOOR PLAN PART A		
E233	POWER CONNECTIONS SECOND FLOOR PLAN PART B	1	11/18/2021
E240	COMMUNICATIONS FIRST FLOOR PLAN PART A		
E241	COMMUNICATIONS FIRST FLOOR PLAN PART B	1	11/18/2021
E242	COMMUNICATIONS SECOND FLOOR PLAN PART A	1	11/18/2021
E243	COMMUNICATIONS SECOND FLOOR PLAN PART B		
E250	SPECIAL SYSTEMS FIRST FLOOR PLAN PART A		
E251	SPECIAL SYSTEMS FIRST FLOOR PLAN PART B		
E252	SPECIAL SYSTEMS SECOND FLOOR PLAN PART A		
E253	SPECIAL SYSTEMS SECOND FLOOR PLAN PART B		
E254	SPECIAL SYSTEMS - OVERALL - SECURITY CAMERAS	1	11/18/2021
E300	ELECTRICAL PANEL DETAILS		
E301	ELECTRICAL POWER RISER		
E400	ELECTRICAL PANEL SCHEDULES		
E401	ELECTRICAL PANEL SCHEDULES		
E402	ELECTRICAL PANEL SCHEDULES		
E403	ELECTRICAL PANEL SCHEDULES		
E404	ELECTRICAL PANEL SCHEDULES		
E405	ELECTRICAL PANEL SCHEDULES		
E406	ELECTRICAL PANEL SCHEDULES		
E407	ELECTRICAL PANEL SCHEDULES		
E408	ELECTRICAL PANEL SCHEDULES		
E500	TELECOMMUNICATIONS RISER		
E600	ELECTRICAL DETAILS		
E6001	ELECTRICAL ADDENDUM ITEMS	2	11/23/2021
E6002	ELECTRICAL ADDENDUM ITEMS	1	11/18/2021
E6003	ELECTRICAL ADDENDUM ITEMS	2	11/23/2021
ELECTRICAL: 40			
AUDIO / VISUAL			
AV100	AV FIRST LEVEL - OVERALL		
AV101	AV FIRST LEVEL - 1111 ENLARGED		
AV102	AV FIRST LEVEL - 1011 ENLARGED		
AV200	AV SECOND LEVEL - OVERALL		

NO.	DATE	DESCRIPTION
1	2-11-2021	CONTRACT DOCUMENTS
2	4-26-2021	REVISION #1
3	8-24-2021	REVISION #2 (LCOB ADD. #2)
4	11-12-2021	REVISION #3 (LCOB ADD. #2)
5	11-24-2021	REVISION #4 (LCOB ADD. #4)



GRADING AND DRAINAGE PLAN
 SCALE: 1" = 30'



NEW	EXISTING	CONTOUR
600	600	18" CMP
608.50	18" CMP	SPOT ELEVATION
		STORM DRAIN

- NOTES:
- MANHOLE RING AND COVERS, VALVE BOXES, METER BOXES, C.O., ETC. TO REMAIN SHALL BE ADJUSTED TO FINISH GRADE.
 - PIPING FROM DOWNSPOUTS TO STORM DRAIN SHALL BE SDR 26 PVC @ 1.0% SLOPE (MINIMUM).
 - STORM DRAIN PIPES MAY BE SDR 26 PVC, HDPE OR RCP UNLESS SPECIFICALLY NOTED.
 - GROUND SOIL IN CURBED ISLANDS A MINIMUM OF 6" ABOVE TOP OF CURB.
 - GRADES SHOWN ARE FINISH GRADES. ROUGH GRADES SHALL ALLOW FOR TOP SOIL, SOD, MULCH, ASPHALT MILLING, ETC. WHERE APPLICABLE.



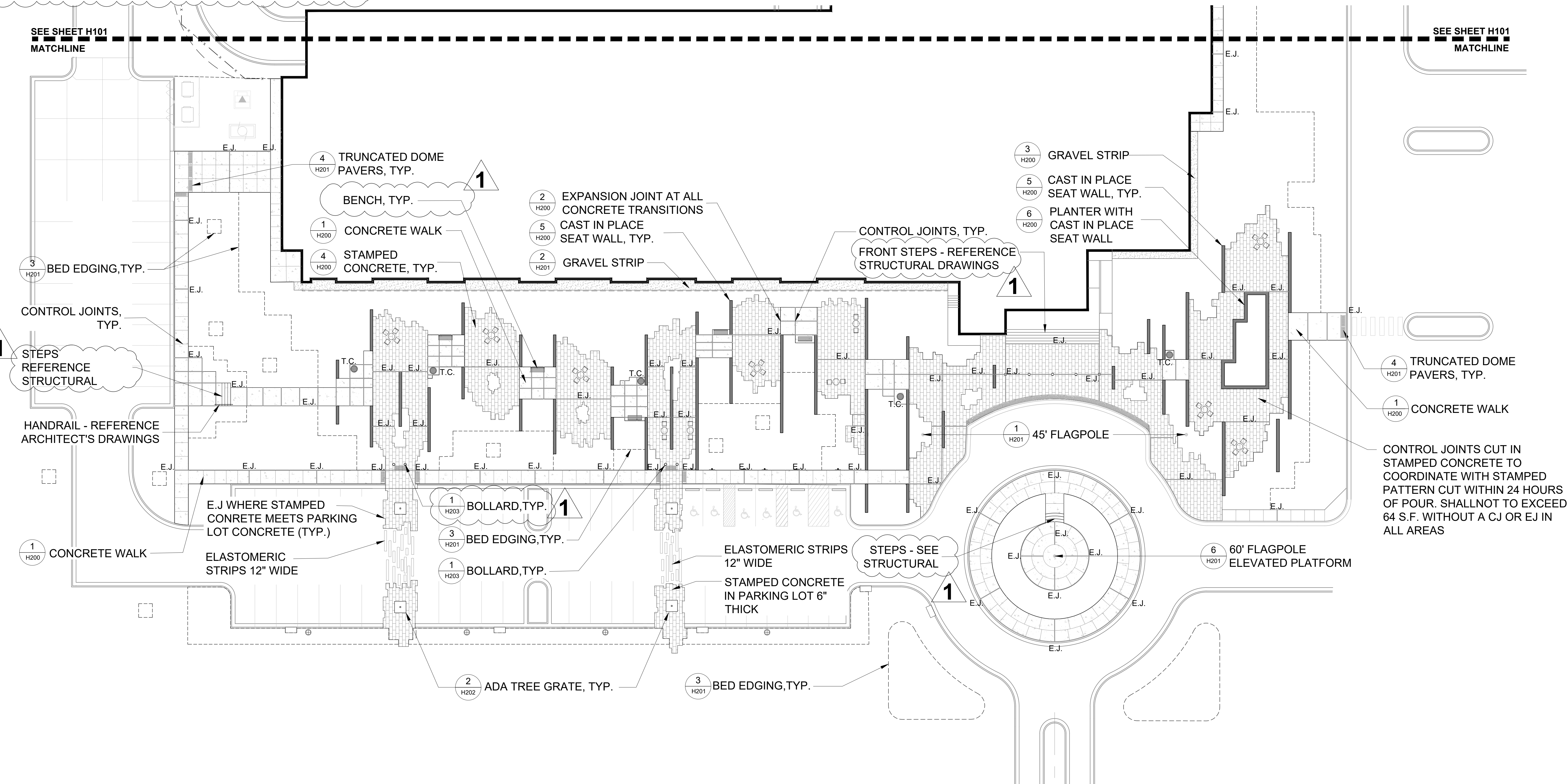
SITE FURNISHINGS:

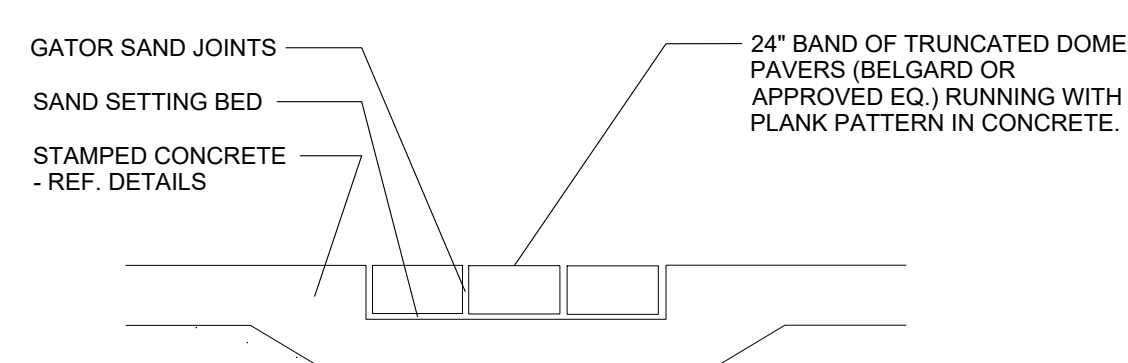
- BENCH
- TRASH CAN
- TABLE & CHAIRS

PEDESTRIAN PAVEMENTS

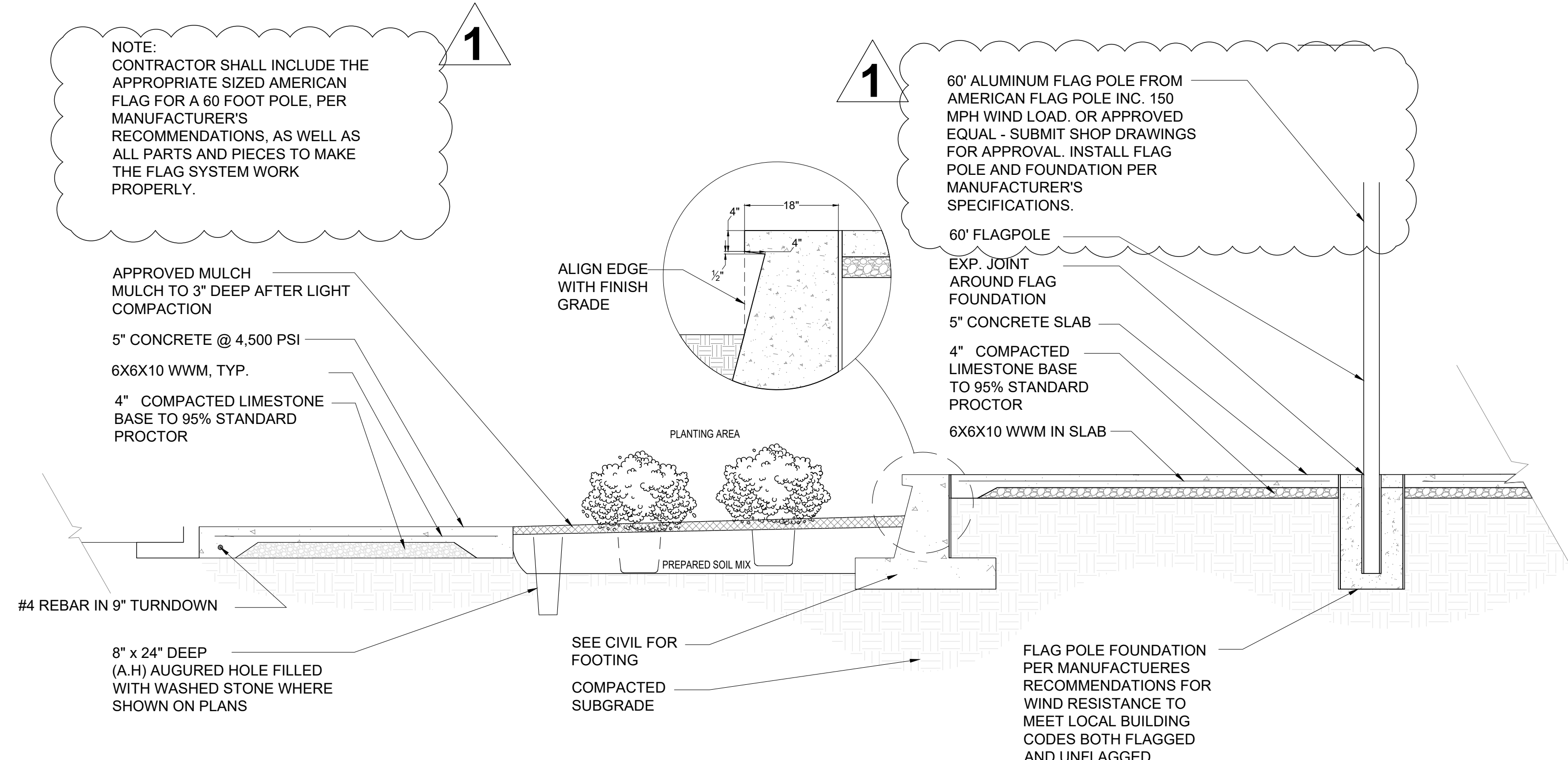
- CONCRETE SIDEWALK
- STAMPED CONCRETE
- TRUNCATED DOME PAVERS

NOTE
E.J. - EXPANSION JOINT WHERE NOTED ON THE PLAN
AS WELL AS ANY CONCRETE ABUTTING A VERTICAL
SURFACE SUCH AS A STEP, WALL, OR CURB.
REFERENCE CIVIL PLANS FOR MORE INFORMATION
REGARDING EXPANSION JOINT MATERIAL. EXPANSION
JOINTS SHALL NOT BE FURTHER THAN 35' APART IN
ANY DIRECTION.





4 TRUNCATED DOME PAVERS



6 SECTION OF 60' FLAGPOLE AREA
NOT TO SCALE

IRRIGATION LEGEND:

- RAINBIRD 3500 ROTOR SERIES WITH 2.0, 3.0, AND 4.0 NOZZLES
- RAINBIRD R17-24 SERIES ROTATOR NOZZLE ON 1812 SPRINKLER, USE RISER IF NECESSARY
- RAINBIRD RVAN 17-24 ROTATOR NOZZLE ON 1812 SPRINKLER, USE RISER IF NECESSARY
- RAINBIRD R13-18 SERIES ROTATOR NOZZLE ON 1812 SPRINKLER, USE 6" RISER IF NECESSARY
- RAINBIRD RVAN 13-18 ROTATOR NOZZLE ON 1812 SPRINKLER, USE 6" RISER IF NECESSARY
- RAINBIRD RVAN 8-14 SERIES ROTATOR NOZZLE ON 1812 SPRINKLER, USE 6" RISER IF NECESSARY
- RAINBIRD RVAN 8-14 ROTATOR NOZZLE ON 1812 SPRINKLER, USE 6" RISER IF NECESSARY
- RAINBIRD RVAN STRIP SERIES NOZZLE ON 1812 SPRINKLER, USE 6" RISER IF NECESSARY
- RAINBIRD, PEB SERIES, 1" AND 1 1/2" EL. REMOTE CONTROL VALVE (OR APPD. EQ.), IN MIN. 12" ROUND BOX, FILL BOTTOM W/PEA GRAVEL, (SEE DETAIL)
- DRIP IRRIGATION - SEE DETAILS 10 & 11 ON SHEET I200
- RAINBIRD ESP-LXD TWO-WIRE CONTROLLER, PEDESTAL MOUNTED, TO BE DETERMINED IN FIELD BY LANDSCAPE ARCHITECT. LOCATION SHOWN ON DRAWING IS A GENERAL REFERENCE. FINAL LOCATION TO BE DETERMINED WITH LANDSCAPE ARCHITECT OR OWNER'S REPRESENTATIVE IN THE FIELD. (SEE SHEET I2.0).

ISOLATION VALVE - (MAIN SIZE), 125# W.O.G. BRASS BALL VALVE IN AMETEK 10" ROUND BOX, FILL BOTTOM WITH PEA GRAVEL (SIMILAR TO CONTROL VALVE)
ISOLATION VALVES (IV) SHALL BE IN A LOCKABLE BOX.

IRRIGATION MAINLINE, PVC SDR 21, CLASS 200BE
SIZE AS NOTED ON DRAWINGS

IRRIGATION LATERAL PIPE, PVC SDR 21, CLASS 200BE

SCHEDULE 40 PVC SLEEVE - SIZE AS NOTED ON DRAWING

PIPE SIZING CHART:

CONTRACTOR TO SIZE EACH CIRCUIT/STATION LATERAL PIPING USING THE FOLLOWING:

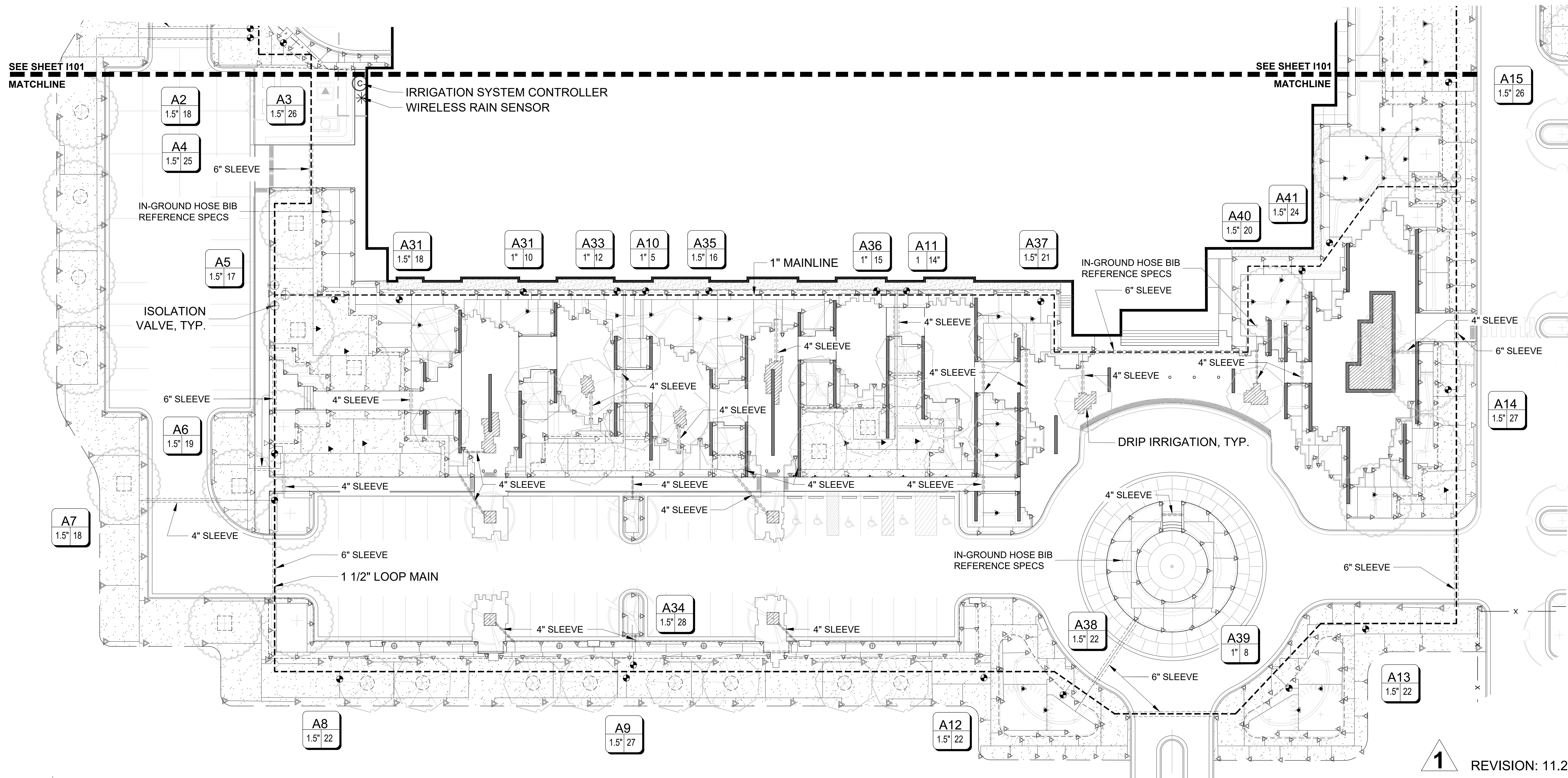
PIPE SIZE	MAX. GPM'S
1/2"	6
3/4"	10
1"	16
1 1/4"	28
1 1/2"	35
2"	55
3"	120

SIZE OF ELECTRIC REMOTE CONTROL VALVE

CIRCUIT/STATION NUMBER

TOTAL GPM'S FOR CIRCUIT/STATION

EACH CIRCUIT/STATION SHOWN HEREIN HAS THE NUMBER OF GPM'S REQ'D. FOR THAT CIRCUIT/STATION. EACH CIRCUIT/STATION IS DESIGNED BASED ON 30-35PSI AT THE VALVE.



1 IRRIGATION PLAN

1" = 20'-0"

1 REVISION: 11.24.21

CHRISTIANPREUS
Landscape Architecture

LPK
architects

LPK ARCHITECTS, P.A.
601 2ND AVENUE, FLOOR 2000
MERIDIAN, MISSISSIPPI 39301
P: 601.551.8412 F: 601.551.8412

PROJECT INFORMATION
PROJECT:



Lauderdale County
Government Building

PROJECT ADDRESS:

VILLAGE FAIR MALL
612 2ND AVENUE
MERIDIAN, MS 39301

YATES
CONSTRUCTION

W.G. YATES & SONS
CONSTRUCTION CO.
ONE GULLY AVENUE
PHILADELPHIA, MS 39350
P: 601.656.5411 F: 601.656.4145

KEY PLAN

ACTIVE DESIGN PHASE

- ☐ FOR REVIEW ONLY
- ☐ FOR PERMITTING ONLY
- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☒ CONSTRUCTION BIDDING
- ☐ CONSTRUCTION DOCUMENTS
- ☐ AS-BUILT RECORD SET

SEAL



REVISIONS/SUBMISSIONS

NO.	DATE	DESCRIPTION
1	11/24/21	ADDENDUM #4

SHEET TITLE

IRRIGATION PLAN

PROJECT NO.: 19-4894A

SHEET NO.

11/8/2021

DRAWN BY: JH

REVIEWED BY: CHP

1100

IRRIGATION NOTES

1. The irrigation system is diagrammatic based upon the information provided by the owner or the owner's representative. The successful contractor is responsible to install a system that will properly cover all areas indicated on the design. Actual layout of piping, sprinkler heads, valves, controllers and other related equipment shall be determined on site. Minor field changes shall be made at no additional cost to the owner.

2. This system shall be installed using accepted and quality installation standards as used in the industry. All manufacturers specifications will be followed.

3. Mainline shall be buried a minimum of 12" of cover and a maximum of 18" of cover. Lateral line piping a minimum of 12" of cover. All backfill surrounding the pipe shall be cleaned of materials larger than 1" in size. Backfill shall be added in 6" increments and mechanically tamped.

4. There will be no substitutions or changes to the irrigation design allowed without direct, written approval from the Irrigation Consultant.

5. System design is based on pressure and flow information provided by others, static pressure of 35 psi and the size of the point of connection (P.O.C.) is as indicated on the drawing. The irrigation contractor shall verify water pressures prior to construction. Report differences between requirements and the actual readings to the owner's representative so that any zone adjustments can be made prior to installation.

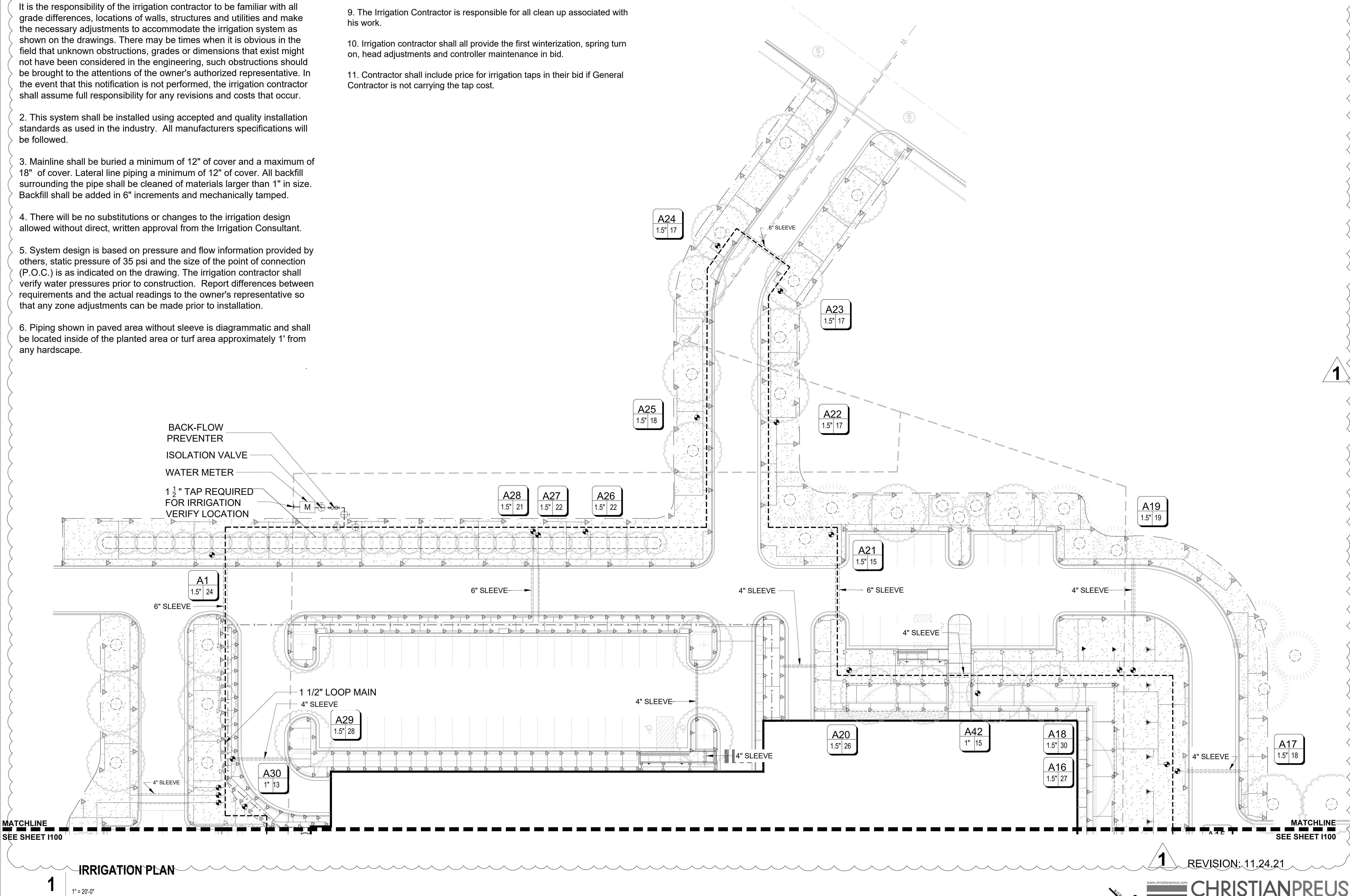
6. Piping shown in paved area without sleeve is diagrammatic and shall be located inside of the planted area or turf area approximately 1' from any hardscape.
7. All valves shall be placed in valve boxes as shown in the details and all electrical connections shall be sealed with waterproof connectors. Control wire shall be solid copper wire U.L. approved for direct burial in the ground. See details.

8. Controllers, meters, taps and backflow locations are as shown on the plan or as stated in the details and legend. All information is to be verified prior to any installation of the project.

9. The Irrigation Contractor is responsible for all clean up associated with his work.

10. Irrigation contractor shall all provide the first winterization, spring turn on, head adjustments and controller maintenance in bid.

11. Contractor shall include price for irrigation taps in their bid if General Contractor is not carrying the tap cost.



L P K
architects

LPK ARCHITECTS, P.A.
601 2ND AVENUE, FLOOR 2000
MERIDIAN, MISSISSIPPI 39301
P: 601-551-8142
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PROJECT INFORMATION
PROJECT:



Lauderdale County
Government Building

PROJECT ADDRESS:

VILLAGE FAIR MALL
612 2ND AVENUE
MERIDIAN, MS 39301

YATES
CONSTRUCTION

W.G. YATES & SONS
CONSTRUCTION CO.
ONE GULLY AVENUE
PHILADELPHIA, MS 39350
P: 601-658-5411
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KEY PLAN

1

ACTIVE DESIGN PHASE

- ☐ FOR REVIEW ONLY
- ☐ FOR PERMITTING ONLY
- ☐ SCHEMATIC DESIGN
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- ☐ AS-BUILT RECORD SET

SEAL



REVISIONS/SUBMISSIONS

NO.	DATE	DESCRIPTION
1	11/24/21	ADDENDUM #4

SHEET TITLE

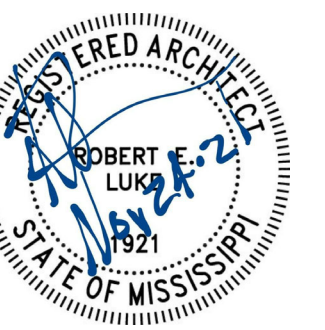
IRRIGATION PLAN

PROJECT NO.: 19-4894A

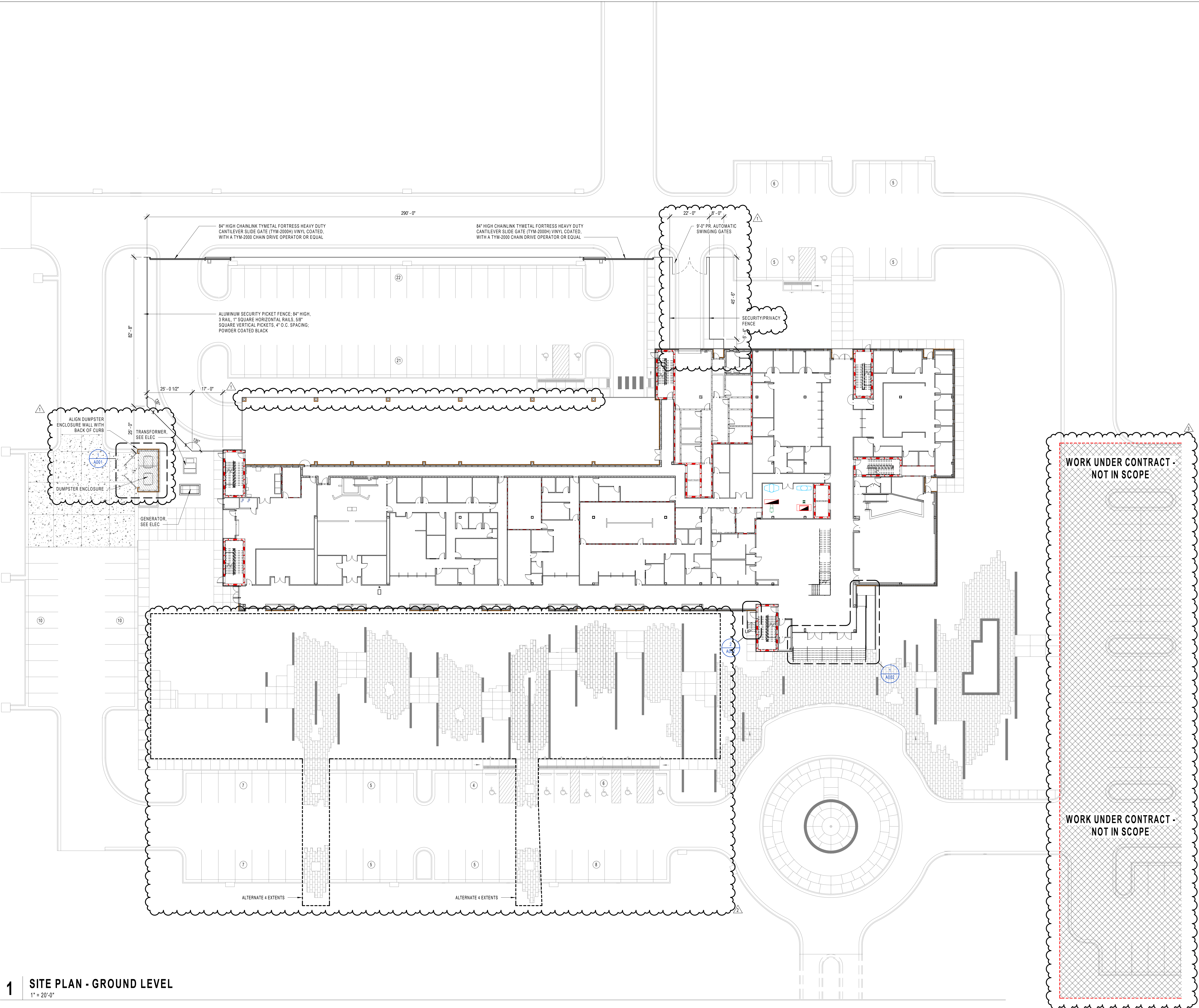
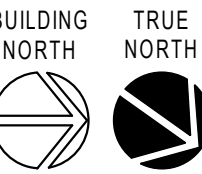
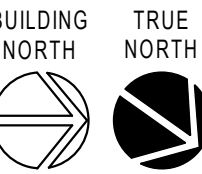
SHEET NO. 1101

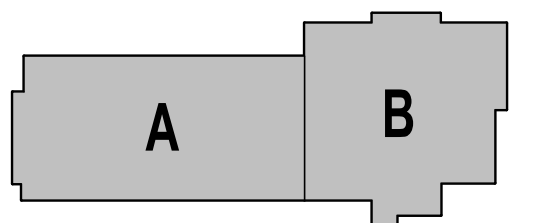
REVISION: 11.24.21

1101



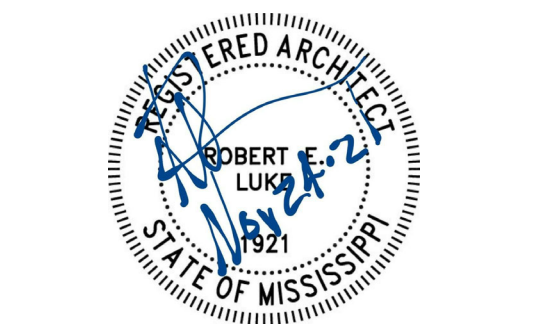
NO.	DATE	DESCRIPTION
1	11/12/2021	Addendum #2
2	11/19/2021	Addendum #3
3	11/24/2021	Addendum #4





ACTIVE DESIGN PHASE	
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<input type="checkbox"/>	FOR PERMITTING ONLY
<input type="checkbox"/>	SCHEMATIC DESIGN
<input type="checkbox"/>	DESIGN DEVELOPMENT
<input type="checkbox"/>	CONSTRUCTION BIDDING
<input checked="" type="checkbox"/>	CONSTRUCTION DOCUMENTS
<input type="checkbox"/>	AS-BUILT RECORD SET

SEAL



REVISIONS/SUBMISSIONS

NO.	DATE	DESCRIPTION
1	11/12/2021	Addendum #2
2	11/19/2021	Addendum #3
3	11/24/2021	Addendum #4

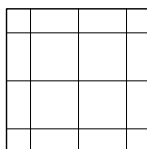
SHEET TITLE
OVERALL FIRST & SECOND
FLOOR REFLECTED CEILING
PLAN & NOTES

PROJECT NO.: 19-4594A
SHEET ISSUED: 10/18/2021
DRAWN BY: BA/CL
REVIEWED BY: JS

A701

LEGEND

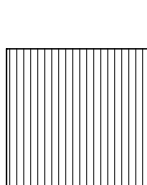
INTERIOR
2X2' SUSPENDED ACOUSTICAL TILE
CEILING SYSTEM



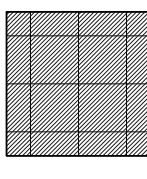
INTERIOR
5/8" GYPSUM BOARD ON 3/8" METAL
FRAMING CEILING



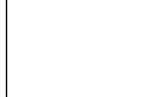
INTERIOR
ARMSTRONG WOODWORKS
LINEAR VENEERED PLANKS,
5-1/4" W X 96" L, STANDARD COLOR - TBD



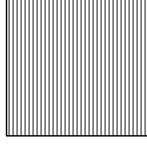
INTERIOR
ARMSTRONG WOODWORKS
REGULAR 24" X 24", W1 - NON-
PERFORATED, STANDARD COLOR - TBD



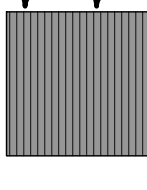
INTERIOR
EXPOSED STRUCTURE, PAINTED



EXTERIOR
PREFINISHED ALUM. SOFFIT PANEL
TYPE #1 (PAC-CLAD PAC-T50 SOFFIT,
STANDARD COLOR)



EXTERIOR
PREFINISHED ALUM. SOFFIT PANEL
TYPE #2 (ARMSTRONG METALWORKS
LINEAR SYNCHRO CEILING, COLOR AND
SIZE TO MATCH WOODWORKS LINEAR
VENEERED PLANKS)



NOTES:

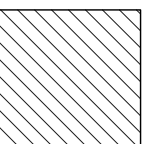
1. CEILINGS SHALL BE 9'-0" UNLESS
OTHERWISE NOTED ON REFLECTED
CEILING PLANS.

2. COORDINATE CEILING COMPONENTS
WITH THE ENTIRE CONSTRUCTION
DOCUMENT SET.

3. SEE MECHANICAL FOR HVAC CEILING
COMPONENTS AND FIRE PROTECTION.

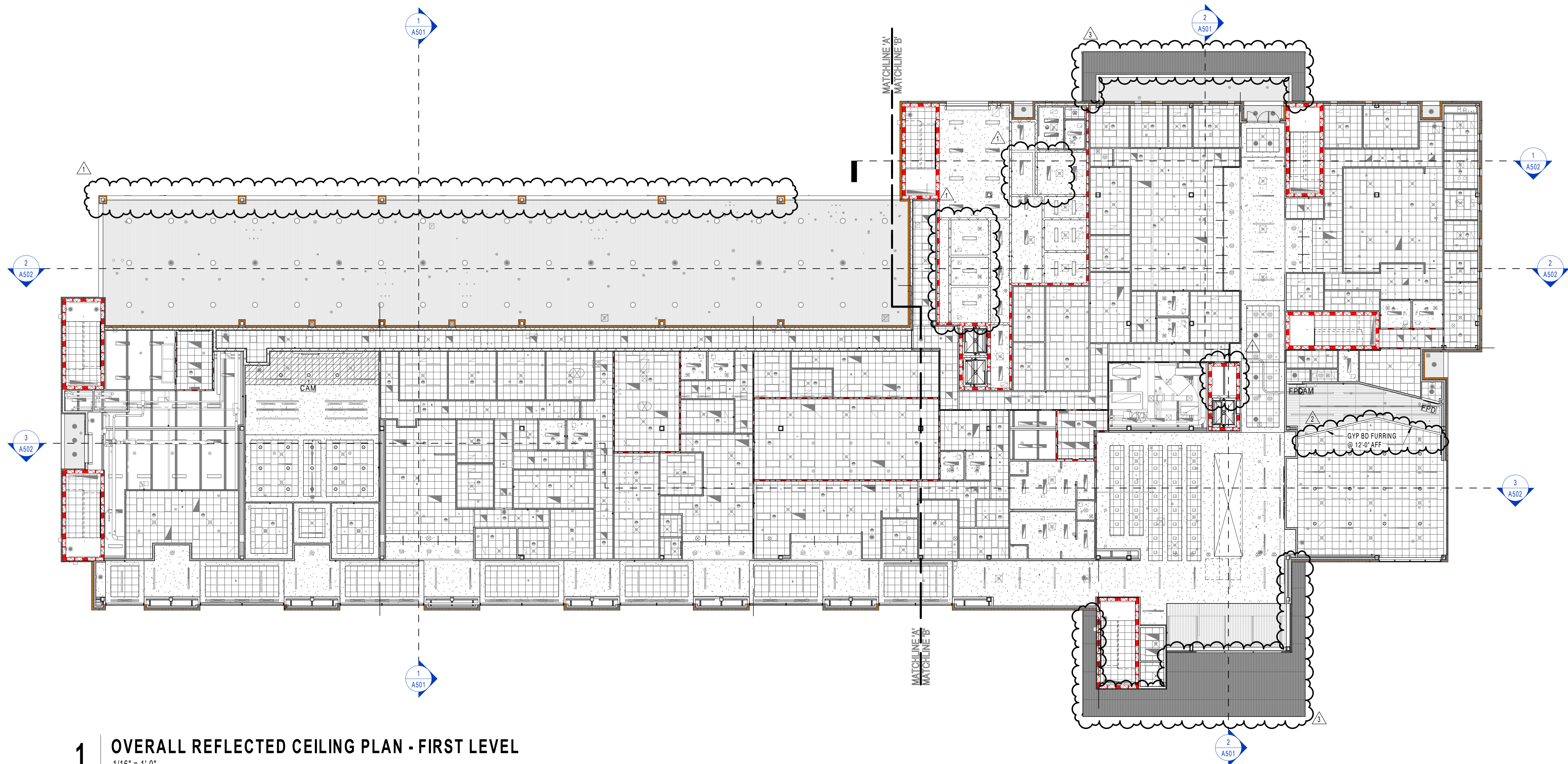
4. SEE ELECTRICAL FOR LIGHTING.

HATCH INDICATES CLOSED CELL SPRAY
FOAM INSULATION APPLIED TO
UNDERSIDE OF METAL DECK FOR A CONT.
THERMAL BARRIER (MIN. 4")



2 OVERALL REFLECTED CEILING PLAN - SECOND LEVEL

1/16" = 1'-0"



1 OVERALL REFLECTED CEILING PLAN - FIRST LEVEL

1/16" = 1'-0"

PIPING LEGEND		PIPING LEGEND (CONT.)		DUCTWORK LEGEND	
	CONCRETE THRUST BLOCK		SHUT-OFF VALVE		RADIUS ELBOW
	FIRESTOPPING		AUTOMATIC FLOW CONTROL VALVE		ELBOW WITH TURNING VANES
	PIPE SLEEVE		ORIFICE TYPE FLOW MEASURING DEVICE		RECTANGULAR BRANCH TAKEOFF WITH BALANCING DAMPER
	PIPE CAP		BALL VALVE WITH HOSE THREAD CONNECTION		RECTANGULAR SUPPLY DUCT UP
	CHILLED WATER SUPPLY		BALANCING VALVE		RECTANGULAR SUPPLY DUCT DOWN
	CHILLED WATER RETURN		CHECK VALVE		RECTANGULAR RETURN OR EXHAUST DUCT UP
	REFRIGERANT SUCTION REFRIGERANT LIQUID		AUTOMATIC THREE-WAY CONTROL VALVE		RECTANGULAR RETURN OR EXHAUST DUCT DOWN
	ARROW INDICATES DIRECTION OF FLOW		AUTOMATIC TWO-WAY CONTROL VALVE		ROUND DUCT, UP
	PITCH PIPE DOWN IN DIRECTION OF ARROW		PRESSURE REDUCING VALVE (PRV)		ROUND DUCT, DOWN
	PIPE GUIDE		SOLENOID VALVE		SLOPING RISE IN DUCTWORK
	EXPANSION COMPENSATOR		BUTTERFLY VALVE (MANUAL)		SLOPING DROP IN DUCTWORK
	CONCENTRIC REDUCER (INCREASE)		BALL VALVE		DUCT SIZE (CLEAR INSIDE DIMENSION) FIRST FIGURE INDICATES PLAN SIZE
	ECCENTRIC REDUCER (INCREASE)		SIGHT GLASS		ROUND DUCT DIAMETER SIZE (CLEAR INSIDE DIMENSION)
	UNION		MANUAL AIR VENT		OVAL DUCT SIZE
	CAPPED PIPE WITH SHUT-OFF VALVE		AUTOMATIC AIR VENT		SIDE, TOP OR BOTTOM DUCT ACCESS DOOR
	"Y" TYPE STRAINER		THERMOMETER		RECTANGULAR OR SQUARE TO ROUND OR OVAL TRANSITION
	ELBOW TURNED UP		PIPE SENSOR WELL (THERMOMETER)		FLEXIBLE DUCT
	ELBOW TURNED DOWN		PRESSURE GAUGE AND COCK		
	BOTTOM PIPE CONNECTION		TEMPERATURE-PRESSURE TEST FITTING		
	TOP PIPE CONNECTIONS				
	SLOPED CHANGE IN PIPE ELEVATION				

1. EACH CONTRACTOR, SUPPLIER AND/OR MANUFACTURER SHALL REFER TO ALL DOCUMENTS PERTAINING TO THIS PROJECT AND COORDINATE ACCORDINGLY, SO AS TO ENSURE ADEQUACY OF FIT, COMPLIANCE WITH SPECIFICATIONS, PROPER ELECTRICAL SERVICE, AND AVOID CONFLICT WITH ANY OTHER BUILDING SYSTEMS. VERIFY SAME WITH SHOP DRAWINGS.
2. ALL OFFSETS, TURNS, FITTINGS, TRIM, DETAIL, ETC., MAY NOT BE INDICATED, BUT SHALL BE PROVIDED AS REQUIRED. ADDITIONAL ALLOWANCES SHALL BE INCLUDED FOR SAME AT EACH PROPOSER'S DISCRETION.
3. OBSERVE ALL APPLICABLE CODES, RULES AND REGULATIONS (CITY, COUNTY, LOCAL, STATE, FEDERAL, MUNICIPALITY, UTILITY COMPANY, OSHA, ETC.).
4. ALL SYSTEMS, EQUIPMENT, AND MATERIALS ARE TO BE INSTALLED IN A NEAT AN WORKMANLIKE MANNER. WORK NOT DONE SO SHALL BE REMOVED AND REINSTALLED SATISFACTORILY.
5. WHERE MOUNTING HEIGHTS ARE NOT INDICATED OR ARE IN CONFLICT WITH ANY OTHER BUILDING SYSTEM, CONTACT THE ENGINEER BEFORE INSTALLATION. REFER ALSO TO ARCHITECTURAL WALL INTERIOR AND EXTERIOR WALL ELEVATIONS, CEILING HEIGHTS AND OTHER DETAILS OF THESE DOCUMENTS. REFERENCE SPECIFICATION SECTION "MECHANICAL GENERAL PROVISIONS" FOR COORDINATION DRAWING REQUIREMENTS.
6. DO NOT SCALE DRAWINGS. PRINTING DISTORTS SCALE. WORK SHALL BE LAID OUT FROM DIMENSIONED DRAWINGS, OR DIMENSIONS SUPPLIED TO THE CONTRACTOR.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CUTTING AND PATCHING REQUIRED FOR THEIR WORK, ALL CUTTING AND PATCHING SHALL MATCH ADJACENT SURFACES.
8. TURNING VANES SHALL BE INSTALLED IN ALL SUPPLY, RETURN, AND EXHAUST DUCTWORK ELBOWS.
9. THESE DRAWINGS ARE ACCURATE TO THE BEST OF OUR KNOWLEDGE, HOWEVER LOCATIONS, DEPTHS, ELEVATIONS, AND SIZES WERE TAKEN FROM DIFFERENT SOURCES AND ARE SUBJECT TO DEVIATION. THE CONTRACTOR SHALL ASSUME SOME DEVIATIONS AND INCLUDE OFFSETS, ADDITIONAL PIPING, ETC. AT THE TIME OF BID.
10. WHEN PENETRATING ROOFING MEMBRANE OR OTHER MATERIALS USED FOR WEATHERPROOFING THE BUILDING, MAKE SUCH PENETRATIONS IN A WAY THAT WILL NOT VOID OR DIMINISH THE ROOFING WARRANTY OR INTEGRITY IN ANY WAY. COORDINATE ALL SUCH PENETRATIONS WITH THE GENERAL CONTRACTOR/ROOFER.
11. ADVISE THE ARCHITECT OF ANY CONFLICTS, ERRORS, OMISSIONS, ETC. AT LEAST TEN DAYS PRIOR TO BID DATE, TO ALLOW CLARIFICATION BY WRITTEN ADDENDUM.
12. DEVIATION FROM SPECIFICATIONS OR PLANS REQUIRES PRIOR WRITTEN APPROVAL FROM THE ARCHITECT AND MUST BE SUBMITTED IN WRITING NO LATER THAN TEN DAYS PRIOR TO THE BID DATE.
13. COORDINATE THE LOCATION OF DRAINS, ELECTRICAL OUTLETS, ETC. WITH ALL MECHANICAL ROOM EQUIPMENT, ETC. PRIOR TO COMMENCING INSTALLATION. WORK NOT SO COORDINATED SHALL BE REMOVED AND PROPERLY INSTALLED AT THE EXPENSE OF THE RESPONSIBLE CONTRACTOR(S).
14. THE PURPOSE AND INTENT OF THE DOCUMENTS PERTAINING TO THIS PROJECT IS TO PROVIDE A COMPLETE, FUNCTIONAL, AND SAFE FACILITY, ANYTHING LESS SHALL BE UNACCEPTABLE.
15. ALL VIBRATING, OSCILLATING, NOISE PRODUCING OR ROTATING EQUIPMENT SHALL BE ISOLATED FROM SURROUNDING SYSTEMS IN AN APPROVED MANNER. NOISY, VIBRATING, OR STRUCTURALLY DAMAGING INSTALLATIONS SHALL BE SATISFACTORILY REPLACED OR OTHER DETAILS OF THESE DOCUMENTS. THE FINAL DECISION ON THE SUITABILITY OF A PARTICULAR INSTALLATION SHALL BE THAT OF THE ARCHITECT.
16. INSTALL EQUIPMENT, MATERIALS, ETC. IN STRICT ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND DIRECTIONS. IF IN CONFLICT WITH THE DESIGN INDICATED IN CONTRACT DOCUMENTS, ADVISE THE ARCHITECT PRIOR TO INSTALLATION FOR CLARIFICATION.
17. ALL SUPPORTS FOR EQUIPMENT, DEVICES, OR FIXTURES SHALL BE UNIQUE FROM THE BUILDING STRUCTURE. DO NOT SUPPORT FROM OTHER TRADES, EQUIPMENT OR SUPPORTS WITHOUT WRITTEN PERMISSION FROM THE ARCHITECT AND CONSENT OF THE OTHER TRADE, IN WRITING.
18. DEVIATIONS IN SIZE, CAPACITIES, FIT, FINISH, ETC. FOR EQUIPMENT FROM THAT SPECIFIED SHALL BE THE RESPONSIBILITY OF THE PURCHASER OF THAT EQUIPMENT. ANY PROVISIONS REQUIRED TO ACCOMMODATE A DEVIATION, WHETHER APPROVED BY THE ARCHITECT OR NOT, SHALL BE THE RESPONSIBILITY OF THE PURCHASER.
19. THE GENERAL CONTRACTOR FOR THIS CONSTRUCTION IS RESPONSIBLE FOR THE COORDINATION, APPEARANCE, SCHEDULING, AND TIMELINESS OF THE WORK OF ALL TRADES, CONTRACTORS, SUPPLIERS, INSTALLERS, ETC.
20. VALVES, BALANCING DAMPERS OR ANY MECHANICAL/ELECTRICAL ITEM SHALL NOT BE LOCATED ABOVE A HARD CEILING. IF THIS IS NOT POSSIBLE, THEN AN APPROPRIATELY SIZED ACCESS DOOR SHALL BE PLACED UNDER THE ITEM TO ALLOW EASY MAINTENANCE AND ADJUSTMENT BY THIS CONTRACTOR.
21. PROVIDE FIRE DAMPERS AND APPROPRIATE DUCT ACCESS DOORS IN ALL DUCT PENETRATIONS WHERE REQUIRED BY CODE. CONTACT PROFESSIONAL SHOULD CLARIFICATION BY REQUIRED.
22. PROVIDE METAL SLEEVES AND FIRESTOPPING ON ALL DUCTWORK PASSING THRU RATED WALLS, PER CODE.
23. THE GENERAL CONTRACTOR, MECHANICAL CONTRACTOR, AND ALL OTHER CONTRACTORS SHALL ENSURE PROPER COORDINATION BETWEEN ALL TRADES SUCH THAT CONDUTS, PIPING, DUCTWORK, ETC. DO NOT BLOCK ACCESS TO VALVES, EQUIPMENT, DUCT ACCESS DOORS, ETC. ITEMS THAT HAVE BEEN INSTALLED WHERE ACCESS IS COMPROMISED SHALL BE RELOCATED AT THE CONTRACTOR'S EXPENSE.
24. THE CONTRACTOR SHALL INCLUDE IN THEIR BID ALL COSTS ASSOCIATED WITH DRAINING AND FILLING PIPING SYSTEMS AS REQUIRED TO INSTALL THEIR NEW WORK.
25. TESTING, ADJUSTING, AND BALANCING AGENCY IS TO PROVIDE SIZING OF FAN AND MOTOR SHEAVES REQUIRED FOR PROPER BALANCE. REPLACE FAN AND MOTOR SHEAVES AND BELTS AS REQUIRED ON EQUIPMENT (AHUs, EPs, ETC.). THE MECHANICAL CONTRACTOR SHALL PURCHASE AND INSTALL ALL SHEAVES AND BELTS AS REQUIRED.
26. PRIOR TO ORDERING ANY MATERIALS OR ROUGH-IN OF ANY KIND, THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR FINAL COORDINATION OF ALL ELECTRICAL REQUIREMENTS (I.E., VOLTAGE, PHASE, CIRCUIT BREAKER, WIRING SIZE, ETC.) WITH THE ELECTRICAL CONTRACTOR. THERE WILL BE NO CHANGE IN THE CONTRACT AMOUNT FOR ANY DISCREPANCIES. MECHANICAL CONTRACTOR SHALL COORDINATE WITH ALL OTHER CONTRACTORS, VENDORS, AND SUPPLIERS AND SHALL INSURE COMPLETE, 100% FUNCTIONAL, TESTED, INSPECTED, AND APPROVED SYSTEMS. CLAIMS FOR ADDITIONAL COST OR CHANGE ORDERS WILL IMMEDIATELY BE REJECTED.
27. EQUIPMENT BRACINGS WILL BE INCLUDED FOR ALL OVERHEAD UTILITIES AND OTHER EQUIPMENT WEIGHING 31 POUNDS OR MORE. COORDINATED DISTRIBUTED SYSTEMS (SUCH AS PIPING, ETC.). BRACING SHALL BE ACCOMPLISHED BY EITHER RIGID OR FLEXIBLE SYSTEMS. ALL EQUIPMENT MOUNTINGS SHALL BE DESIGNED TO RESIST FORCES OF 0.5 TIMES THE EQUIPMENT WEIGHT IN ANY DIRECTION AND 1.5 TIMES THE EQUIPMENT WEIGHT IN THE DOWNWARD DIRECTION. ALL BRACING SHALL BE CONTRACTOR DESIGNED.
28. ALL BRANCH DUCTS TO AIR DISTRIBUTION DEVICES (SUPPLY, RETURN, EXHAUST, ETC.) SHALL INCLUDE A VOLUME DAMPER PER DRAWINGS AND SPECIFICATIONS.
29. DUCT SIZES INDICATED ARE ACTUAL INSIDE (NET) DIMENSIONS. ALL RECTANGULAR SUPPLY, RETURN, EXHAUST, AND OUTDOOR AIR DUCT SIZES ARE INSIDE CLEAR DIMENSIONS (INSIDE LINER, WHERE APPLICABLE).

SHEET	TITLE
M001	MECHANICAL LEGEND AND ABBREVIATIONS
M100	OVERALL FIRST FLOOR PLAN - HVAC
M101	OVERALL SECOND FLOOR PLAN - HVAC
M102	OVERALL ROOF PLAN - HVAC
M103	FIRST FLOOR PLAN - HVAC (SUPPLY) - PART "A"
M104	FIRST FLOOR PLAN - HVAC (RETURN/EXHAUST) - PART "A"
M105	FIRST FLOOR PLAN - HVAC (SUPPLY) - PART "B"
M106	FIRST FLOOR PLAN - HVAC (RETURN/EXHAUST) - PART "B"
M107	FIRST FLOOR PLAN - HVAC (SUPPLY) - PART "C"
M108	FIRST FLOOR PLAN - HVAC (RETURN/EXHAUST) - PART "C"
M109	FIRST FLOOR PLAN - HVAC (SUPPLY) - PART "D"
M110	FIRST FLOOR PLAN - HVAC (RETURN/EXHAUST) - PART "D"
M111	FIRST FLOOR PLAN - HVAC (SUPPLY) - PART "E"
M112	FIRST FLOOR PLAN - HVAC (RETURN/EXHAUST) - PART "E"
M113	FIRST FLOOR PLAN - HVAC (SUPPLY) - PART "F"
M114	FIRST FLOOR PLAN - HVAC (RETURN/EXHAUST) - PART "F"
M115	SECOND FLOOR PLAN - HVAC (SUPPLY) - PART "A"
M116	SECOND FLOOR PLAN - HVAC (RETURN/EXHAUST) - PART "A"
M117	SECOND FLOOR PLAN - HVAC (SUPPLY) - PART "B"
M118	SECOND FLOOR PLAN - HVAC (RETURN/EXHAUST) - PART "B"
M119	SECOND FLOOR PLAN - HVAC (SUPPLY) - PART "C"
M120	SECOND FLOOR PLAN - HVAC (RETURN/EXHAUST) - PART "C"
M121	SECOND FLOOR PLAN - HVAC (SUPPLY) - PART "D"
M122	SECOND FLOOR PLAN - HVAC (RETURN/EXHAUST) - PART "D"
M123	SECOND FLOOR PLAN - HVAC (SUPPLY) - PART "E"
M124	SECOND FLOOR PLAN - HVAC (RETURN/EXHAUST) - PART "E"
M125	SECOND FLOOR PLAN - HVAC (SUPPLY) - PART "F"
M126	SECOND FLOOR PLAN - HVAC (RETURN/EXHAUST) - PART "F"
M127	SECOND FLOOR PLAN - HVAC (SUPPLY) - PART "G"
M128	SECOND FLOOR PLAN - HVAC (RETURN/EXHAUST) - PART "G"
M129	SECOND FLOOR PLAN - HVAC (SUPPLY) - PART "H"
M130	SECOND FLOOR PLAN - HVAC (RETURN/EXHAUST) - PART "H"
M131	ROOF PLAN - HVAC - PART "A"
M132	ROOF PLAN - HVAC - PART "B"
M200	OVERALL FIRST FLOOR PLAN - HVAC PIPING
M201	OVERALL SECOND FLOOR PLAN - HVAC PIPING
M202	FIRST FLOOR PLAN - HVAC PIPING - PART "A"
M203	FIRST FLOOR PLAN - HVAC PIPING - PART "B"
M204	SECOND FLOOR PLAN - HVAC PIPING - PART "A"
M205	SECOND FLOOR PLAN - HVAC PIPING - PART "B"
M206	PARTIAL ROOF PLAN - HVAC PIPING
M401	ENLARGED MECHANICAL ROOM HVAC PLAN
M402	ENLARGED MECHANICAL ROOM HVAC PLAN
M403	ENLARGED MECHANICAL ROOM HVAC PIPING PLAN
M404	ENLARGED MECHANICAL ROOM HVAC PLAN
M501	HVAC DETAILS
M502	AHU SECTIONS
M601	HVAC SCHEDULES
M602	HVAC SCHEDULES
M603	HVAC SCHEDULES
M604	HVAC SCHEDULES
M701	HVAC CONTROLS
M702	HVAC CONTROLS
M703	HVAC CONTROLS
M704	HVAC CONTROLS
M801	CHILLED WATER SCHEMATIC

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PROJECT INFORMATION
PROJECT:



Lauderdale County
Government Building

PROJECT ADDRESS

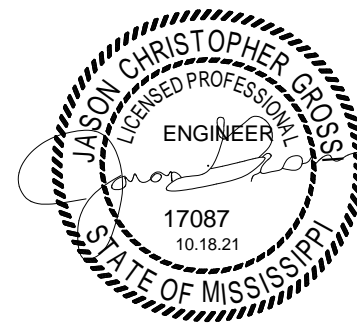
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KEY PLAN

SEA



REVISIONS/SUBMISSIONS

[illegible]

SHEET TITLE

HVAC LEGENDS, ABBREVIATIONS AND NOTES

PROJECT NO. :

SHEET NO.

10/18/20

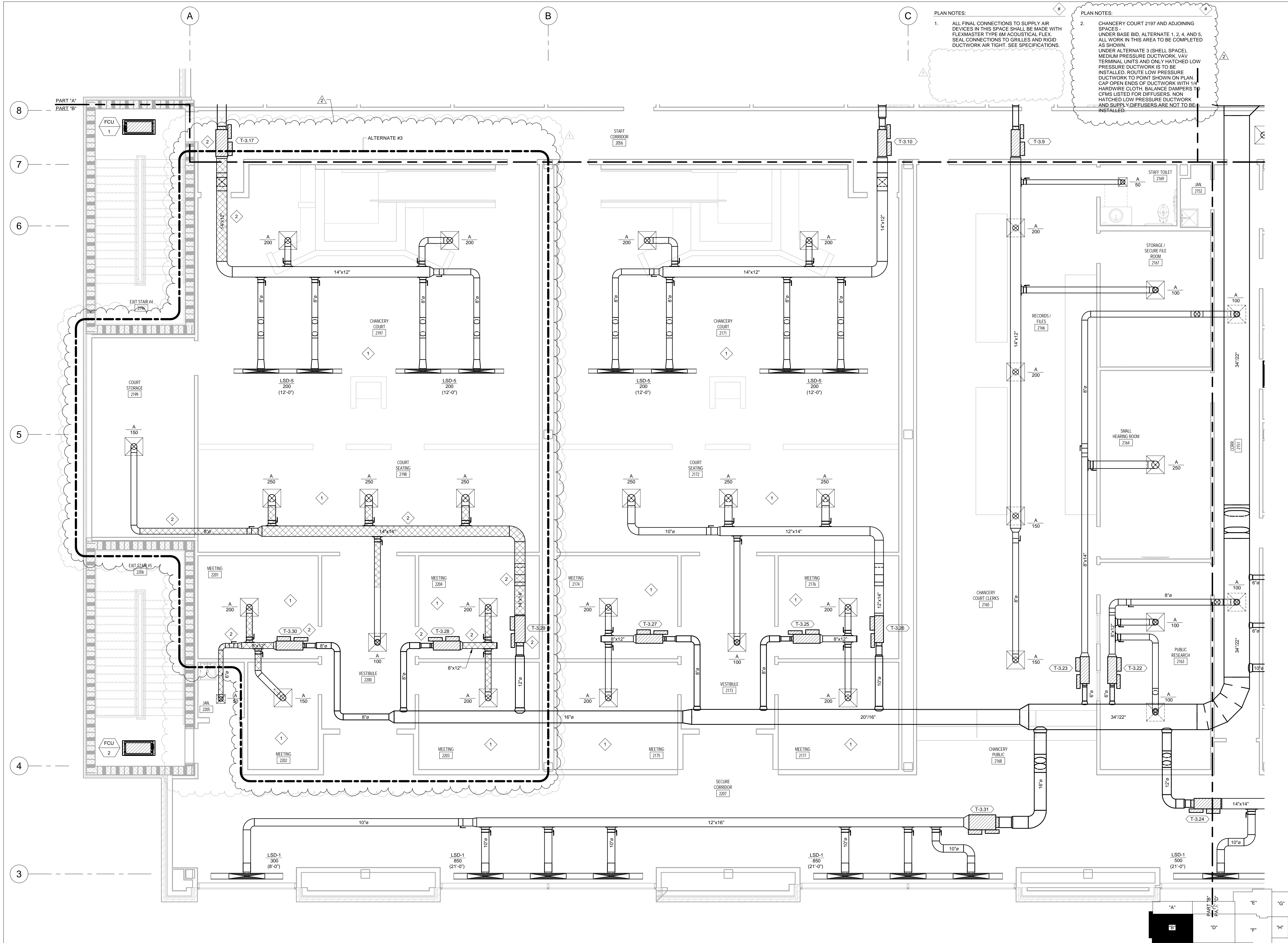
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M001



1 SECOND FLOOR PLAN - HVAC (SUPPLY) - PART "B"
1/4" = 1'-0"

KEY PLAN

BUILDING NORTH TRUE NORTH

ERC# 20,061

ENGINEERING RESOURCE GROUP

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PROJECT INFORMATION

PROJECT: **LAUDERDALE COUNTY GOVERNMENT BUILDING**

PROJECT ADDRESS: **VILLAGE FAIR MALL
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KEY PLAN

ACTIVE DESIGN PHASE

FOR REVIEW ONLY

FOR PERMITTING ONLY

SCHEMATIC DESIGN

DESIGN DEVELOPMENT

CONSTRUCTION BIDDING

CONSTRUCTION DOCUMENTS

AS-BUILT RECORD SET

SEAL

REVISIONS/SUBMISSIONS

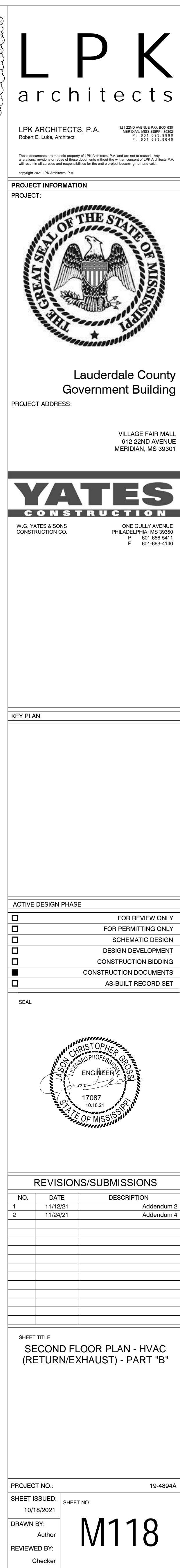
NO.	DATE	DESCRIPTION
1	11/12/21	ADDENDUM 2
2	11/24/21	ADDENDUM 4

SHEET TITLE: **SECOND FLOOR PLAN - HVAC (SUPPLY) - PART "B"**


PROJECT NO.: 19-4294A

SHEET NO.: M117


REVIEWED BY: JCG




BUILDING
NORTH



TRUE
NORTH



KEY PLAN

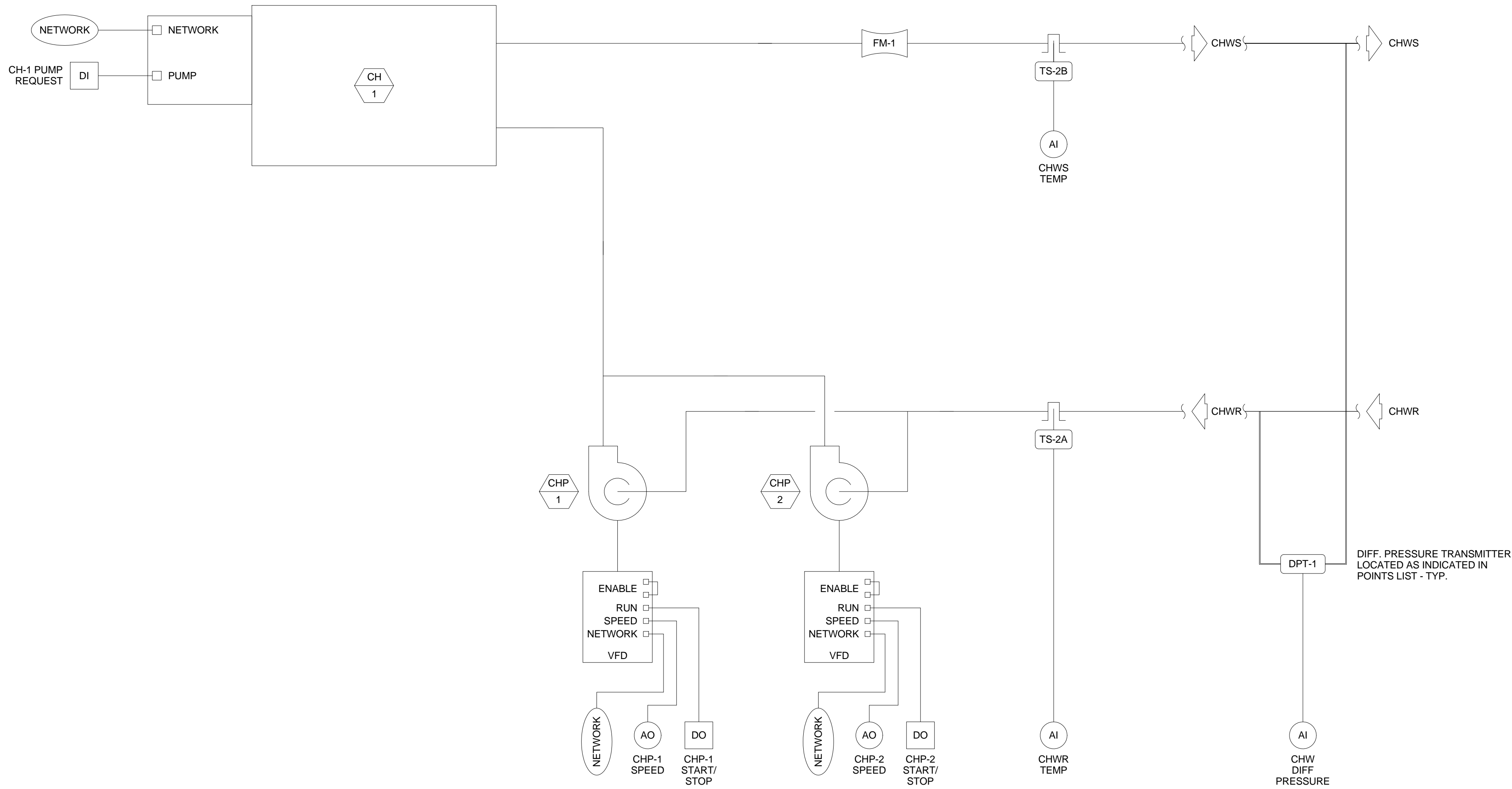


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COORDINATE FLOW SWITCH TYPE AND WIRING REQUIREMENTS WITH FINAL EQUIPMENT SUBMITTAL. FLOW SWITCHES REQUIRED TO BE FIELD INSTALLED SPECIFIED UNDER DIV 23 HVAC. FLOW SWITCH WIRING TO CHILLER CONTROL PANEL SPECIFIED UNDER SECTION 230900 EMCS (DIV 23C).



1 CHW SYSTEM CONTROL SCHEMATIC
M704 NO SCALE

CHW SYSTEM SEQUENCE OF OPERATION

General: CHW system with air-cooled chiller and variable speed pumps.

- Chilled water pumps shall be lead/standby alternated as described in Sequence of Operations - General.
- Chiller and lead pump.
 - The chiller and lead chilled water pump shall be enabled if there are more than 2 (adjustable) Chiller Plant Requests from zones or air handlers for more than 10 minutes (adjustable).
 - The chiller and lead chilled water pump shall be disabled if it has run at least 10 minutes and there are no Chiller Plant Requests from zones or air handlers for more than 10 minutes (adjustable).
- When a chilled water system is enabled via the chiller BACnet interface, the BAS shall perform the following:
 - Enable the chiller.
 - Upon receiving pump request from chiller control panel, the lead chilled water pump shall be started.
 - Once the chiller has proven flow through the evaporator, the chiller shall begin its startup sequence and operate subject to its own internal controls and safeties.
- When a chilled water system is disabled, first disable the chiller, then after 3 minutes turn off the lead pump.
- Pumps speed shall be controlled by a reverse acting PID loop maintaining the differential pressure signal at the setpoint. Differential pressure setpoint shall be determined within the range of 1 psi to DP-MAX by a slow direct-acting control loop whose control point is the position of the most open valve and whose setpoint is 90% open. In other words, the DP setpoint is reset to maintain the valve requiring the most differential pressure at 90% open. DP-MAX is the design DP setpoint determined in conjunction with Work performed under Section 230593 Testing, Adjusting, and Balancing. All active pumps receive the same speed signal.
- Chilled Water Supply Temperature Control:
 - CHWST shall be controlled to its setpoint (adjustable from BACnet interface and locally at chiller control panel). CHWST initial setpoint shall be 42°F (adjustable).
 - Calculate load from flow and temperature difference (CHWS temperature minus CHWR temperature).
- Alarms.
 - Maintenance interval alarm when pump has operated for more than 1500 hours: Level 5. Reset interval counter when alarm is acknowledged.
 - Maintenance interval alarm when chiller has operated for more than 2000 hours: Level 5. Reset interval counter when alarm is acknowledged.
 - Chiller alarm: Level 2.
 - High chiller leaving chilled water temperature (more than 6°F above setpoint) for more than 10 minutes when chiller has been enabled for longer than 15 minutes: Level 3. Pump alarm is indicated by the status input being different from the output command after a period of 15 seconds after a change in output status.
 - Commanded on, status off: Level 2.
 - Commanded off, status on: Level 4.
 - CHW System low differential pressure: Level 2 alarm if CHW system differential pressure falls below 0.75 times the differential pressure setpoint for more than 15 minutes.

POINTS MAPPED FROM CHILLER BACNET CARD

Description	Type	Device	Trend Logging		Calibration
			Commissioning	Continuous	
Enable	DO	Through network	COV	COV	--
Alarm Present	DI	Through network	COV	--	--
Chiller Running State	DI	Through network	COV	--	--
Compressor Running	DI	Through network	COV	--	--
Local Setpoint Control	DI	Through network	COV	--	--
Evaporator Flow	DI	Through network	COV	--	--
Current Limit Setpoint	AO	Through network	COV	COV	--
Chilled Water Setpoint	AO	Through network	COV	COV	--
Evaporator EWT	AI	Through network	1 min	60 min	--
Evaporator LWT	AI	Through network	1 min	60 min	--
Active Running Capacity	AI	Through network	1 min	60 min	--
Running Amps	AI	Through network	1 min	60 min	--
Power, kW	AI	Through network	1 min	60 min	--

POINTS MAPPED FROM VFD BACNET CARD

Description	Type	Device	Trend Logging		Calibration
			Commissioning	Continuous	
Fault reset	DO	Through network	COV	COV	--
On/off status	DI	Through network	COV	COV	--
Fault (Critical Alarm)	DI	Through network	COV	COV	--
Minor Alarm	DI	Through network	COV	COV	--
Fault Text	DI	Through network (convert code to plain English text)	COV	COV	--
Alarm Text	DI	Through network (convert code to plain English text)	COV	COV	--
Keypad in hand/auto	DI	Through network	COV	COV	--
Minimum frequency setpoint	AO	Through network	±5%	±5%	--
Maximum frequency setpoint	AO	Through network	±5%	±5%	--
Acceleration rate	AO	Through network	±5%	±5%	--
Deceleration rate	AO	Through network	±5%	±5%	--
Actual frequency	AI	Through network	1 min	15 min	--
AC output voltage	AI	Through network	±10%	±10%	--
Current	AI	Through network	15 min	60 min	--
VFD temperature	AI	Through network	60 min	60 min	--
Power, kW	AI	Through network	1 min	15 min	--
Energy, MWh	AI	Through network	15 min	60 min	--
DC Bus Voltage	AI	Through network	±10%	±10%	--

CHW SYSTEM HARDWIRED POINTS LIST

Description	Type	Device	Trend Logging		Calibration
			Commissioning	Continuous	
Chiller CH-1 pump request	DI	Connect to chiller pump contact	COV	COV	--
CHP-1 start/stop	DO	Connect to VFD Run	COV	COV	--
CHP-1 speed	AO	Connect to VFD Speed	1 min	15 min	--
CHWS temperature	AI	TS-3B	1 min	±2°F	--
CHWR temperature	AI	TS-2A	1 min	±2°F	--
CHW differential pressure	AI	DPT-1, 0 to 20 psi	1 min	15 min	--

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PROJECT INFORMATION

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YATES CONSTRUCTION

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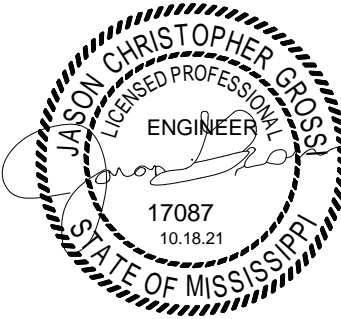
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KEY PLAN

ACTIVE DESIGN PHASE

- FOR REVIEW ONLY
- FOR PERMITTING ONLY
- SCHEMATIC DESIGN
- DESIGN DEVELOPMENT
- CONSTRUCTION BIDDING
- CONSTRUCTION DOCUMENTS
- AS-BUILT RECORD SET

SEAL



REVISIONS/SUBMISSIONS

NO.	DATE	DESCRIPTION
2	11/24/21	Addendum 4

SHEET TITLE

HVAC CONTROLS

PROJECT NO.:

19-4294A

SHEET NO.

10/18/2021

DRAWN BY:

Author

REVIEWED BY:

Checker

M704

ERC# 20-061



ENGINEERING
RESOURCE GROUP

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VOLTS	SYMBOL	WATTS	DESCRIPTION	MANUFACTURER	CAT. NO.	MOUNTING
120/277	EL	18	INDUSTRIAL LED LUMINAIRE, VAPORTIGHT, 24", LOW-PROFILE, FIBERGLASS HOUSING, FROSTED POLYCARB. LENS, 2000LM, 4000K, 80CRI, S.S. HARDWARE	LITHONIA LTD.	FEM-124-2000LM-MD-G210-40K-80CRI-STSL	ELEVATOR PIT AS DIRECTED
120/277	F1	20	LED OPEN DOWNLIGHT, 6" APERTURE, SPEC-GRADE, 1500 LUMENS, 3500° K, 0-10V 1% DIMMING DRIVER	LITHONIA LTD.	LDN6-35/15-L06-AR-LSS-G21	RECESSED AT CEILING
120/277	F2	45	LED OPEN DOWNLIGHT, 6" APERTURE, SPEC-GRADE, 4000 LUMENS, 3500° K, 0-10V 1% DIMMING DRIVER	LITHONIA LTD.	LDN6-35/40-L06-AR-LSS-G21	RECESSED AT CEILING
120/277	F3	45	LED OPEN DOWNLIGHT, 6" 50, APERTURE, SPEC-GRADE, 4000 LUMENS, 3500° K, 0-10V 1% DIMMING DRIVER	LITHONIA LTD.	LDNR50-35/40-L06-AR-LSS-G21	RECESSED AT CEILING
120/277	G2	4/FT	RECESSED LINEAR LED LUMINAIRE, 4" WIDTH, 2' LENGTH, 1250 LM/FT, 3500K, EXTRUDED ALUMINUM HOUSING, HOUSING, EXTRUDED FLUSH SATIN ACRYLIC LENS,	FOCAL POINT LTD.	FSM4L-FL-1250LF-35K-1C-L11-XX-WH-6"	RECESSED AT CEILING
120/277	G4	4/FT	RECESSED LINEAR LED LUMINAIRE, 4" WIDTH, 4' LENGTH, 1250 LM/FT, 3500K, EXTRUDED ALUMINUM HOUSING, HOUSING, EXTRUDED FLUSH SATIN ACRYLIC LENS,	FOCAL POINT LTD.	FSM4L-FL-1250LF-35K-1C-L11-XX-WH-4'	RECESSED AT CEILING
120/277	G6	4/FT	RECESSED LINEAR LED LUMINAIRE, 4" WIDTH, 6' LENGTH, 1250 LM/FT, 3500K, EXTRUDED ALUMINUM HOUSING, HOUSING, EXTRUDED FLUSH SATIN ACRYLIC LENS,	FOCAL POINT LTD.	FSM4L-FL-1250LF-35K-1C-L11-XX-WH-6'	RECESSED AT CEILING
120/277	G8	4/FT	RECESSED LINEAR LED LUMINAIRE, 4" WIDTH, 8' LENGTH, 1250 LM/FT, 3500K, EXTRUDED ALUMINUM HOUSING, HOUSING, EXTRUDED FLUSH SATIN ACRYLIC LENS,	FOCAL POINT LTD.	FSM4L-FL-1250LF-35K-1C-L11-XX-WH-8'	RECESSED AT CEILING
120/277	G10	4/FT	RECESSED LINEAR LED LUMINAIRE, 4" WIDTH, 10' LENGTH, 1250 LM/FT, 3500K, EXTRUDED ALUMINUM HOUSING, HOUSING, EXTRUDED FLUSH SATIN ACRYLIC LENS,	FOCAL POINT LTD.	FSM4L-FL-1250LF-35K-1C-L11-XX-WH-10'	RECESSED AT CEILING
120/277	G12	4/FT	RECESSED LINEAR LED LUMINAIRE, 4" WIDTH, 12' LENGTH, 1250 LM/FT, 3500K, EXTRUDED ALUMINUM HOUSING, HOUSING, EXTRUDED FLUSH SATIN ACRYLIC LENS,	FOCAL POINT LTD.	FSM4L-FL-1250LF-35K-1C-L11-XX-WH-12'	RECESSED AT CEILING
120/277	H1	35	LED LENSED STRIP LUMINAIRE, 48", SYMMETRICAL, 5000LM, 3500K, 80CRI, WHITE FINISH	LITHONIA LTD.	ZL1N-L48-SMR-5000 LW-FST-35K-80CRI-WH	SURFACE OR SUSPENDED AS DIRECTED
120/277	H2	35	LED LENSED STRIP LUMINAIRE, 48", SYMMETRICAL, 5000LM, 3500K, 80CRI, WHITE FINISH	LITHONIA LTD.	ZL1N-L48-SMR-5000 LW-FST-35K-80CRI-WH	SURFACE OR SUSPENDED AS DIRECTED
-	I	-	NOT USED	-	-	-
120/277	J	46	SURFACE CORRECTIONAL LED LUMINAIRE, 12"x48", 5000LM, 3500K, WHITE FINISH, 14 GA. CRS HOUSING, 0.125 TEMPERED GLASS/0.125 PRISMATIC POLYCARB., DIMMING DRIVER	KENALL LTD.	SSA-4-0/0-45L35K-DCC-8/6-1	SURFACE AT CEILING
120/277	JE	46	SURFACE CORRECTIONAL LED LUMINAIRE, 12"x48", 5000LM, 3500K, WHITE FINISH, 14 GA. CRS HOUSING, 0.125 TEMPERED GLASS/0.125 PRISMATIC POLYCARB., DIMMING DRIVER, EMERGENCY BATTERY PACK	KENALL LTD.	SSA-4-0/0-45L35K-DCC-8/6-1-LEL	SURFACE AT CEILING
120/277	K	10/FT	LED WALL BRACKET LUMINAIRE, 96", INDIRECT/DIRECT, 8000LM/4000LM, 3500K, 80CRI, EXTRUDED ALUMINUM HOUSING, INTEGRAL COLD SENSOR, STD. FOR AUTO. DIMMING, STD. FINISH PER ARCH.	MARK LTD.	S4LW0-LP-REF-80 CRI-35K-800LMF-600 LWF-MINI-SCT-XXX-NIGHT1	WALL - 7"-6" ABOVE LANDING
120/277	L1	45	LED PARKING GARAGE LUMINAIRE, DE-CAST ALUM. HOUSING, 19" DIA., 4" DEPTH, 6200LM, 4000K, 80CRI, TYPE 5 WIDE DISTR., STD. FINISH PER ARCH.	LITHONIA LTD.	YCPOLED-V4-P3-40K-80CRI-T5W-XXX	CEILING/OVER-HEAD STRUCTURE

VOLTS	SYMBOL	WATTS	DESCRIPTION	MANUFACTURER	C.A.T. NO.	MOUNTING
120/277	A1	45	LED FLAT PANEL, 2'x4', EDGE-LIT, ALUM. FRAME, 480DLM, 3500° K, 1 $\frac{1}{2}$ 0-10V DIMMING DRIVER	LITHONIA LTD.	EPANEL-24-48L-35K	RECESSED AT CEILING
120/277	A2	38	LED FLAT PANEL, 2'x4', EDGE-LIT, ALUM. FRAME, 400DLM, 3500° K, 1 $\frac{1}{2}$ 0-10V DIMMING DRIVER	LITHONIA LTD.	EPANEL-24-40L-35K	RECESSED AT CEILING
120/277	A3	29	LED FLAT PANEL, 2'x4', EDGE-LIT, ALUM. FRAME, 300DLM, 3500° K, 1 $\frac{1}{2}$ 0-10V DIMMING DRIVER	LITHONIA LTD.	EPANEL-24-30L-35K	RECESSED AT CEILING
120/277	B1	45	LED FLAT PANEL, 2'x2', EDGE-LIT, ALUM. FRAME, 480DLM, 3500° K, 1 $\frac{1}{2}$ 0-10V DIMMING DRIVER	LITHONIA LTD.	EPANEL-22-40L-35K	RECESSED AT CEILING
120/277	B2	45	LED FLAT PANEL, 2'x2', EDGE-LIT, ALUM. FRAME, 480DLM, 3500° K, 1 $\frac{1}{2}$ 0-10V DIMMING DRIVER	LITHONIA LTD.	EPANEL-22-48L-35K	RECESSED AT CEILING
120/277	C6 **	8/F/T	RECESSED LINEAR LED LUMINAIRE, 4" WIDTH, 6" LENGTH, 875 LM/F/T, 3500K, EXTRUDED ALUMINUM HOUSING, HOUSING, EXTRUDED FLUSH SATIN ACRYLIC LENS, GRID OR DRYWALL MOUNTING PER RCP	FOCAL POINT LTG.	FSM4L-FI=875LF-35K -IC=L11-XH-WH-R*	RECESSED AT CEILING
120/277	C8 **	8/F/T	RECESSED LINEAR LED LUMINAIRE, 4" WIDTH, 8" LENGTH, 875 LM/F/T, 3500K, EXTRUDED ALUMINUM HOUSING, HOUSING, EXTRUDED FLUSH SATIN ACRYLIC LENS, GRID OR DRYWALL MOUNTING PER RCP	FOCAL POINT LTG.	FSM4L-FI=875LF-35k -IC=L11-XH-WH-R*	RECESSED AT CEILING
120/277	D9	4/F/T	RECESSED LINEAR LED LUMINAIRE, 4" WIDTH, 8" LENGTH, 375 LM/F,T, 3500K, EXTRUDED ALUMINUM HOUSING, HOUSING, EXTRUDED FLUSH SATIN ACRYLIC LENS, DRYWALL CEILING/WALL TRIM KIT	FOCAL POINT LTG.	FSM4L-FI=375LF-35K -IC=L11-TF-WH-I9*	RECESSED AT CEILING/WALL
120/277	D10	4/F/T	RECESSED LINEAR LED LUMINAIRE, 4" WIDTH, 10" LENGTH, 375 LM/F,T, 3500K, EXTRUDED ALUMINUM HOUSING, HOUSING, EXTRUDED FLUSH SATIN ACRYLIC LENS, DRYWALL CEILING/WALL TRIM KIT	FOCAL POINT LTG.	FSM4L-FI=375LF-35K -IC=L11-TF-WH-I9*	RECESSED AT CEILING/WALL
120/277	D15	4/F/T	RECESSED LINEAR LED LUMINAIRE, 4" WIDTH, 15" LENGTH, 375 LM/F,T, 3500K, EXTRUDED ALUMINUM HOUSING, HOUSING, EXTRUDED FLUSH SATIN ACRYLIC LENS, DRYWALL CEILING/WALL TRIM KIT	FOCAL POINT LTG.	FSM4L-FI=375LF-35K -IC=L11-TF-WH-I5*	RECESSED AT CEILING/WALL
120/277	D20	4/F/T	RECESSED LINEAR LED LUMINAIRE, 4" WIDTH, 20" LENGTH, 375 LM/F,T, 3500K, EXTRUDED ALUMINUM HOUSING, HOUSING, EXTRUDED FLUSH SATIN ACRYLIC LENS, DRYWALL CEILING/WALL TRIM KIT	FOCAL POINT LTG.	FSM4L-FI=375LF-35K -IC=L11-TF-WH-I9*	RECESSED AT CEILING/WALL
120/277	D25	4/F/T	RECESSED LINEAR LED LUMINAIRE, 4" WIDTH, 25" LENGTH, 375 LM/F,T, 3500K, EXTRUDED ALUMINUM HOUSING, HOUSING, EXTRUDED FLUSH SATIN ACRYLIC LENS, DRYWALL CEILING/WALL TRIM KIT	FOCAL POINT LTG.	FSM4L-FI=375LF-35K -IC=L11-TF-WH-I25*	RECESSED AT CEILING/WALL
120/277	D35	4/F/T	RECESSED LINEAR LED LUMINAIRE, 4" WIDTH, 35" LENGTH, 375 LM/F,T, 3500K, EXTRUDED ALUMINUM HOUSING, HOUSING, EXTRUDED FLUSH SATIN ACRYLIC LENS, DRYWALL CEILING/WALL TRIM KIT	FOCAL POINT LTG.	FSM4L-FI=375LF-35K -IC=L11-TF-WH-I35*	RECESSED AT CEILING/WALL
120/277	E1	4	EXIT SIGN, LED, EDGE-LIT, SINGLE FACE, RECESS MTG., GREEN LEDs, ARROWS AS INDICATED	LITHONIA LTD.	EDGR-IG-WM	WALL AS INDICATED
120/277	EC1	4	EXIT SIGN, LED, EDGE-LIT, SINGLE FACE, RECESS MTG., GREEN LEDS, ARROWS AS INDICATED	LITHONIA LTD.	EDGR-IG	CEILING AS INDICATED
120/277	EC2	8	EXIT SIGN, LED, EDGE-LIT, DOUBLE FACE, RECESS MTG., GREEN LEDS, ARROWS AS INDICATED	LITHONIA LTD.	EDGR-2DMR	CEILING AS INDICATED

** REFER TO ARCHITECTURAL REFLECTED CEILING PLANE (RCP) TO VERIFY CEILING TYPE IN AREA IN WHICH LIGHTING LUMINAIRE IS LOCATED & PROVIDE PROPER MOUNTING HARDWARE FOR CEILING TYPE.

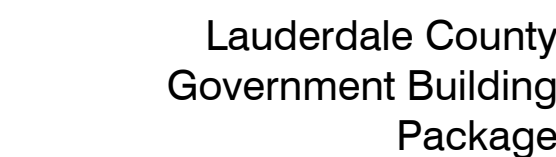
1. DELETE CONNECTIONS TO FLUSH VALVES AND FAUCET VALVES FOR ALL RESTROOMS EXCEPT PUBLIC TOILETS 1006, 1009, 2161, 2162. PUBLIC TOILETS SHALL RETAIN CONNECTIONS TO FLUSH VALVES AND FAUCET VALVES.
2. ALL WORK IN CHANCERY COURT 2197, COURT STORAGE 2199, MEETING 2201, MEETING 2204, MEETING 2202, MEETING 2203, VESTIBULE 2200 SHALL BE PART OF ALTERNATE #6. UNDER BASE BID, THESE AREAS SHALL BE SHELL ONLY.

LPK ARCHITECTS, P.A. 821 22ND AVENUE P.O. BOX 630
MERIDIAN, MISSISSIPPI 39303

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PROJECT INFORMATION

PROJECT



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MERIDIAN, MS 39301

W.G. YATES & SONS
CONSTRUCTION CO. ONE GULLY AVENUE
PHILADELPHIA, MS 39350
P: 601-656-5411
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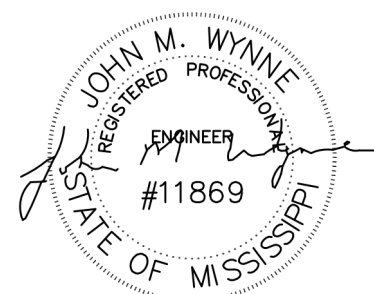
OUTDOOR LIGHTING FIXTURE SCHEDULE						
VOLTS	SYMBOL	WATTS	DESCRIPTION	MANUFACTURER	CAT. NO.	MOUNTING
120/277	OA	LED	O.D. LED AREA LUMINAIRE, DIE-CAST ALUM. HOUSING, ALUM. HOUSING, 1900D LM, 183W, 4000K, TYPE 3M DISTR., 25"x5"x70GA SQUARE STRAIGHT STEEL POLE, STD. FINISH PER ARCHITECT	LITHONIA LTD.	DSX1-LED-P7-40K-13M-SSS255G	CONCRETE POLE BASE PER DETAIL
120/277	OB	LED	O.D. LED AREA LUMINAIRES, DIE-CAST ALUM. HOUSING, ALUM. HOUSING, 1900D LM, 183W, 4000K, TYPE 3M DISTR., 25"x5"x70GA SQUARE STRAIGHT STEEL POLE, STD. FINISH PER ARCHITECT	LITHONIA LTD.	DSX1(2)-LED-P7-40K-13M-SSS255G	CONCRETE POLE BASE PER DETAIL
120/277	OC	LED	OUTDOOR DECO. LED WALL BRACKET, DIE-CAST ALUM. HOUSING, FULL CUT-OFF DISH, 6500 LUMENS, 51W, 4000K, STD. FINISH PER ARCH.	LITHONIA LTD.	ARC2LED-P5-40K-XXX	EXT. WALL PER ARCH EXT. ELEV.
120/277	OD	107	OUTDOOR DECO. LED FLOOD LIGHT, DIE-CAST ALUM. HOUSING, NARROW SPOT DISTR.,1160LM, 4000K, STANCHION MTC., STD. FINISH PER ARCH.	LITHONIA LTD.	DSXF3LED-6-P1-40K-70CRI-NSP-IS-S1M-XXX	STANCHION WITH CONCRETE BASE
120/277	OE	170	OUTDOOR DECO. LED FLOOD LIGHT, DIE-CAST ALUM. HOUSING, NARROW SPOT DISTR.,1630LM, 4000K, STANCHION MTC., STD. FINISH PER ARCH.	LITHONIA LTD.	DSXF3LED-6-P2-40K-70CRI-NSP-IS-S1M-XXX	STANCHION WITH CONCRETE BASE

KEY PLAN

ACTIVE DESIGN PHASE

- | | |
|-------------------------------------|------------------------|
| <input type="checkbox"/> | FOR REVIEW ONLY |
| <input type="checkbox"/> | FOR PERMITTING ONLY |
| <input type="checkbox"/> | SCHEMATIC DESIGN |
| <input type="checkbox"/> | DESIGN DEVELOPMENT |
| <input type="checkbox"/> | CONSTRUCTION BIDDING |
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| <input type="checkbox"/> | AS-BUILT RECORD SET |

SEAL



REVISIONS/SUBMISSIONS

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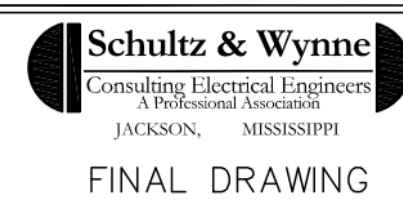
SHEET TITLE
ELECTRICAL ADDENDUM ITEMS

PROJECT NO.: 19-4894A

SHEET ISSUED: SHEET NO.

DRAWN BY: **FA001**

LA00



EA001



Lauderdale County
Government Building
Package

PROJECT ADDRESS:

VILLAGE FAIR MALL
612 22ND AVENUE
MERIDIAN, MS 39301

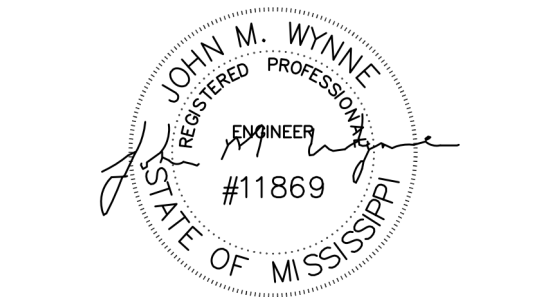
YATES
CONSTRUCTION

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CONSTRUCTION CO.
ONE GULLY AVENUE
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KEY PLAN

ACTIVE DESIGN PHASE	
<input type="checkbox"/>	FOR REVIEW ONLY
<input type="checkbox"/>	FOR PERMITTING ONLY
<input type="checkbox"/>	SCHEMATIC DESIGN
<input type="checkbox"/>	DESIGN DEVELOPMENT
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<input type="checkbox"/>	AS-BUILT RECORD SET

SEAL



REVISIONS/SUBMISSIONS

NO.	DATE	DESCRIPTION
2	11/29/2021	ADDENDUM 4

SHEET TITLE
ELECTRICAL ADDENUM ITEMS

PROJECT NO.: 19-4294A

SHEET NO.

SHEET ISSUED: 10/18/2021

DRAWN BY: RO

REVIEWED BY: JMW

EA003

