MONETT LIBRARY BRANCH 19-556

BARRY LARWENCE REGIONAL LIBRARY

2200 PARK STREET, MONETT, MO, 65708

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GENERAL NOTES:

1. ALL WORK BY ALL TRADES SHALL CONFORM TO AND BE COMPLETED IN ACCORDANCE WITH ALL APPLICABLE CODES, ORDINANCES, STANDARDS OR RESTRICTIONS WHETHER INDICATED ON THE DRAWINGS OR NOT. THE MORE STRINGENT TO GOVERN DISCREPANCIES BETWEEN CONTRACT DOCUMENTS AND CODES SHALL BE BROUGHT TO THE ARCHITECTS ATTENTION PROMPTLY AND RESOLUTION OBTAINED BEFORE PROCEEDING.
2. PARAGON ARCHITECTURE IS NOT RESPONSIBLE FOR FIELD ACTIVITIES ON THIS PROJECT WITHOUT DIRECT SUPERVISION OF WORK IN PROGRESS. IT IS NEITHER EXPRESSED NOR IMPLIED THAT THE CONTRACTOR CAN CONSTRUCT THIS PROJECT WITHOUT THE ARCHITECTS FIELD OBSERVATIONS. IF FIELD CONDITIONS ARE UNCOVERED THAT REQUIRE A CHANGE OR ADDITIONAL INFORMATION, THE ARCHITECT DOES NOT DELEGATE THEIR AUTHORITY TO ANYONE ELSE FOR DETERMINING THE MEANING OF THESE PLANS OR SPECIFICATIONS.
3. THE CONTRACTOR SHALL VISIT THE SITE AND BECOME FAMILIARIZE WITH ALL SITE CONDITIONS.
4. THE CONTRACTOR IS OBLIGATED TO INSPECT FOR EXISTING CONDITIONS AND AVAILABLE INFORMATION PRIOR TO SUBMITTING A BID.
5. THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND LOCATIONS OF EXISTING CONDITIONS PRIOR TO THE START OF CONSTRUCTION.
6. THE CONTRACTOR SHALL VERIFY LOCATIONS OF ALL EXISTING UTILITIES AND MAKE CONNECTIONS THERETO PER LOCAL UTILITY COMPANY REQUIREMENTS.
7. EXISTING UNDERGROUND INSTALLATIONS SUCH AS WATER LINES, GAS LINES, SEWER LINES, TELEPHONE LINES, POWER LINES, AND BURIED STRUCTURES IN THE VICINITY OF THE WORK TO BE PERFORMED HERE UNDER ARE INDICATED ON THE DRAWINGS ONLY TO THE EXTENT SUCH INFORMATION HAS BEEN MADE AVAILABLE TO OR DISCOVERED BY ENGINEER / ARCHITECT IN PREPARING THE DRAWINGS. THERE IS NO GUARANTEE AS TO THE ACCURACY OR COMPLETENESS OF SUCH INFORMATION, AND ALL RESPONSIBILITY FOR THE ACCURACY AND COMPLETENESS THEREOF IS EXPRESSLY DISCLAIMED. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR LOCATING ALL EXISTING UNDERGROUND INSTALLATIONS, INCLUDING SERVICE CONNECTIONS, IN ADVANCE OF EXCAVATING OR TRENCHING, BY CONTACTING THE OWNERS THEREOF AND PROSPECTING. THE CONTRACTOR SHALL USE HIS OWN INFORMATION AND NOT RELY UPON ANY INFORMATION SHOWN ON THE DRAWINGS CONCERNING EXISTING UNDERGROUND INSTALLATIONS. ANY DELAY, ADDITIONAL WORK, OR EXTRA COST TO THE CONTRACTOR CAUSED BY OR RESULTING FROM DAMAGE TO EXISTING UNDERGROUND INSTALLATIONS SHALL NOT CONSTITUTE A CLAIM FOR EXTRA WORK, ADDITIONAL PAYMENT OR DAMAGE.
8. SEE INSTRUCTIONS TO BIDDERS INCLUDED IN PROJECT MANUAL FOR REQUIREMENTS TO ALL PERMITS, GOVERNMENTAL FEES, LICENSES AND INSPECTIONS.
9. DRAWINGS ARE NOT SET UP SPECIFICALLY ACCORDING TO TRADE AND EACH CONTRACTOR AND SUB-CONTRACTOR OR TRADE IS REQUIRED TO REVIEW THE DRAWINGS AS A WHOLE AND PROVIDE ANY MISCELLANEOUS ITEMS, MATERIALS, WORK, ETC. REQUIRED TO COMPLETE THE WORK AS SHOWN ON ALL DOCUMENTS. THIS REQUIREMENT APPLIES TO ALL TRADES. STRUCTURAL, MECHANICAL, ELECTRICAL AND PLUMBING REQUIREMENTS AND RELATED WORK ARE INDICATED THROUGHOUT THE SET OF DRAWINGS AND SHOULD BE REVIEWED WITH THE SPECIFIC MECHANICAL, ELECTRICAL, PLUMBING AND STRUCTURAL DRAWINGS FOR OVERALL SCOPE OF WORK.
10. THE CONTRACTOR SHALL PROVIDE AND PAY FOR LABOR, MATERIALS, CONSTRUCTION EQUIPMENT AND MACHINERY, TOOLS, UTILITIES, TRANSPORTATION FOR THE ABOVE MENTIONED AND ANY OTHER FACILITIES OR SERVICES NECESSARY FOR THE PROPER EXECUTION AND COMPLETION OF THE WORK.
11. THE CONTRACTOR SHALL CAREFULLY STUDY AND COMPARE THE CONSTRUCTION DOCUMENTS AND SPECIFICATIONS WITH THE INFORMATION FURNISHED BY THE OWNER AND IMMEDIATELY NOTIFY THE ARCHITECT OF ANY ERRORS, INCONSISTENCIES OR OMISSIONS DISCOVERED.
12. SHOULD A DISCREPANCY BETWEEN CONTRACT DOCUMENTS AND SPECIFICATIONS OCCUR, CONTRACTOR SHOULD IMMEDIATELY NOTIFY ARCHITECT FOR RESOLUTION BEFORE PROCEEDING WITH WORK.
13. IF A MATERIAL CALL-OUT IS ABSENT FROM ANY DRAWING, DETAIL, OR SPECIFICATION IN THE DOCUMENTS, THE CONTRACTOR SHALL REQUEST INFORMATION AND/OR CLARIFICATION FROM THE ARCHITECT IN WRITING PRIOR TO SUBMITTING A BID. FAILURE TO REQUEST INFORMATION AND/OR CLARIFICATION FROM THE ARCHITECT PRIOR TO BIDDING THE PROJECT WARRANTS THAT THE CONTRACTOR HAS THOROUGHLY REVIEWED THE DRAWINGS AND HISHER BID INCLUDES ADEQUATE FUNDS TO COMPLETE THE PROJECT AS REASONABLY INFERRED FROM THE DOCUMENTS.
14. WHENEVER CONFLICTING INFORMATION OR DIRECTION OCCURS IN THE SPECIFICATIONS OR THE DRAWINGS, THE COST FOR THE MORE EXPENSIVE OPTION INCLUDING, BUT NOT LIMITED TO, DETAILS, INSTALLATIONS, PROCEDURES, CALL-OUTS, MATERIALS, SCHEDULES, OR SPECIFICATION SHALL BE USED IN THE CONTRACTOR'S BID PRICE FOR THE PROJECT. IF, THROUGH CLARIFICATION, THE LESSER COST OPTION APPLIES, THEN THE CONTRACTOR SHALL ISSUE A COST CREDIT TO THE OWNER FOR THE ACTUAL COST DIFFERENCE PLUS CONTRACTOR MARKUP INCLUDING OVERHEAD AND PROFIT.
15. ALL DETAILS AND SECTIONS SHOWN ON THE DRAWINGS ARE INTENDED TO BE TYPICAL AND SHALL BE CONSTRUED TO APPLY TO SIMILAR CONDITIONS ELSEWHERE. IF A CONDITION EXISTS IN THE DRAWINGS WHERE THE APPLICABLE CONSTRUCTION DETAIL IS UNCLEAR, THE CONTRACTOR SHALL REQUEST INFORMATION AND/OR CLARIFICATION FROM THE ARCHITECT IN WRITING PRIOR TO SUBMITTING THE BID FOR CONSTRUCTION OF THE PROJECT.
16. APPLY AND/OR INSTALL ALL PRODUCTS AND MATERIALS ACCORDING TO SPECIFICATIONS, MANUFACTURER'S PUBLISHED INSTRUCTIONS OR, IF NO INSTRUCTIONS EXIST, INSTALL PER STANDARD INDUSTRY PRACTICE.
17. GUARANTEE ALL MATERIALS AND WORKMANSHIP FREE FROM DEFECTS FOR A PERIOD OF NOT LESS THAN (1) ONE YEAR FROM DATE OF ACCEPTANCE UNLESS OTHERWISE NOTED.
18. CORRECTION OF ANY DEFECTS SHALL BE COMPLETED WITHOUT ADDITIONAL CHARGE AND SHALL INCLUDE REPLACEMENT OR REPAIR OF ANY OTHER PHASE OF THE INSTALLATION, WHICH MAY HAVE BEEN DAMAGED THEREBY.
19. GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION (AIA DOCUMENT A201) SHALL BE BINDING AS PART OF THESE CONSTRUCTION DOCUMENTS.
20. THE ARCHITECT AND THE ARCHITECT'S CONSULTANTS SHALL BE DEEMED THE AUTHORS AND OWNERS OF THEIR RESPECTIVE INSTRUMENTS OF SERVICE, INCLUDING THE DRAWINGS AND SPECIFICATIONS, AND SHALL RETAIN ALL COMMON LAW, STATUTORY AND OTHER RESERVED RIGHTS, INCLUDING COPYRIGHTS. SUBMISSION OR DISTRIBUTION OF INSTRUMENTS OF SERVICE TO MEET OFFICIAL REGULATORY REQUIREMENTS OR FOR SIMILAR PURPOSES IN CONNECTION WITH THE PROJECT IS NOT BE CONSTRUED AS PUBLICATION IN DEROGATION OF THE RESERVED RIGHTS OF THE ARCHITECT AND THE ARCHITECTS CONSULTANTS.
21. DRAWINGS ARE NOT TO BE SCALED. DIMENSIONAL DATA SHALL BE OBTAINED FROM WRITTEN INFORMATION ONLY. VERIFY ALL DIMENSIONS BEFORE PROCEEDING. ANY DIMENSIONAL DEVIATION FROM THAT SHOWN ON THE DRAWINGS WHICH MAY AFFECT INTENT OF DESIGN OR PROPER INCORPORATION OF ELEMENTS SHALL BE BROUGHT TO THE ARCHITECTS ATTENTION PROMPTLY AND RESOLUTION OBTAINED BEFORE PROCEEDING. NOTIFY ARCHITECT IMMEDIATELY OF ANY VARIATIONS ON THE PLANS AND/OR SPECIFICATIONS.

LOCATION MAP



ARCHITECT OF RECORD:	CIVIL ENGINEER:	STRUCTURAL ENGINEER:	MEP ENGINEER:	SIGNAGE CONSULTANT:	CONSTRUCTION MANAGER:
637 W. COLLEGE ST. SPRINGFIELD, MO 65806 PH: 417-885-0002	1550 E. REPUBLIC RD. SPRINGFIELD, MO 65804 PH: 417-888-0645	3045 S. KANSAS EXPY. SPRINGFIELD, MO 65807 PH: 417-708-9315	1201 S. CAMPBELL AVE. SPRINGFIELD, MO 65807 PH: 417-631-4895	505 N. GLENSTONE AVE. SPRINGFIELD, MO 65802 PH: 417-869-6468	1036 W. 2ND ST. JOPLIN, MO 64801 PH: 417-623-4545

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STATE OF MISSOURI
JARED A. YOUNGLOVE
NUMBER A-2017019282
REGISTERED ARCHITECT
6/11/21

JARED A. YOUNGLOVE: ARCHITECT
MO #: A-2017019282

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MISSOURI STATE CERTIFICATE OF AUTHORITY NUMBER A-2016000415

REVISION SCHEDULE

PROJECT DESCRIPTION: MONETT LIBRARY BRANCH 19-556

SHEET NUMBER: **G0-0** COVER SHEET

PROJECT NUMBER: 19-556

2200 PARK STREET, MONETT, MO, 65708

DATE: 06/11/21

PROJECT ARCHITECT: JAY
DRAWN BY: TRW
CHECKED BY: JAY, R.L.Y.

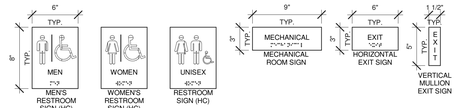
SIGNAGE LEGEND

SIGNAGE GENERAL NOTES

1. PROVIDE THE FOLLOWING SIGNS AT ALL INTERIOR ROOMS WITHIN PROJECT EXTENTS, TYPICAL.
2. INSTALL SIGNS (HEIGHTS AND LOCATIONS) AS DIRECTED BY OWNERS' REPRESENTATIVE IN FIELD. SEE EXISTING BUILDING SIGN PLACEMENT FOR REFERENCE. MAJORITY OF SIGNS WILL BE 48" A.F.F. MINIMUM, 60" A.F.F. MAXIMUM.
3. PROVIDE TACTILE EXIT SIGNAGE AT EACH EXIT DOOR COMPLIANT W/ IBC 2012 1011.6 AND ANSI 117.1-2009, CHAPTER 7, SECTION 703.
4. COLOR OF SIGNAGE TO BE SELECTED BY ARCHITECT PRIOR TO FABRICATION FROM MANUFACTURER FULL LINE OF COLORS (12 COLORS MINIMUM)
5. SIGNS SHALL BE ONE PIECE CONSTRUCTION WITH THE EXCEPTION OF APPLIED VINYL LETTERS & CHARACTERS.
6. ALL SIGNAGE SHALL BE ADA/ANSI COMPLIANT.
7. ALL SIGNAGE TO BE 1/8" THICK COLORED ACRYLIC WITH COLORED MATTE FINISH & POLISHED/FINISHED EDGES.
8. CHARACTERS TO BE CUT VINYL APPLIED - COLOR TO BE SELECTED BY OWNER/ARCHITECT.
9. LETTERS TO BE 3/4" CUT VINYL APPLIED - FONT & COLOR TO BE SELECTED BY OWNER/ARCHITECT. ROOM DESIGNATION PROVIDED BY OWNER.
10. RAISED BRAILLE CHARACTERS PROVIDED BY SIGN SUPPLIER.
11. SEE FLOOR PLANS & EQUIPMENT SCHEDULES FOR LOCATIONS OF VINYL APPLIED LETTERING.
12. SEE SPECIFICATIONS FOR MORE INFORMATION.
13. SEE FINISH FLOOR PLANS FOR ADDITIONAL NON-CODE RELATED SIGNAGE.

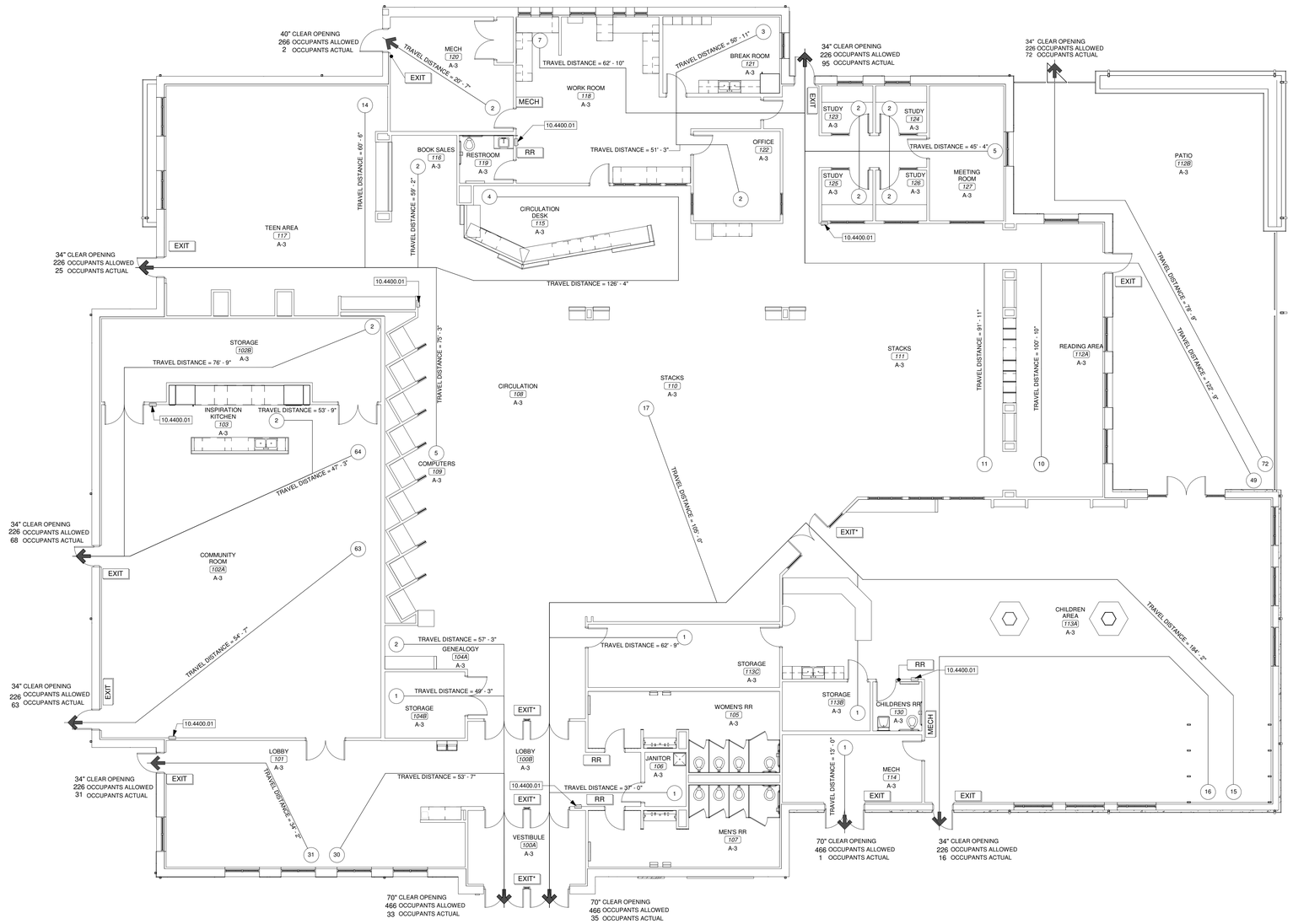
SIGNAGE TAGS

EXIT	PROVIDE (1) HORIZONTAL SIGN PER EXIT COMPLYING WITH ADA LOCAL CODE. SIGN TO HAVE RAISED CHARACTERS AND PICTORIAL SYMBOL OF ACCESSIBILITY IN ACCORDANCE WITH ANSI AND ADA GUIDELINES. SIGN FINISHES TO BE SELECTED BY A.O.R.
EXIT*	PROVIDE (1) VERTICAL MULLION SIGN PER EXIT COMPLYING WITH ADA LOCAL CODE. SIGN TO HAVE RAISED CHARACTERS AND PICTORIAL SYMBOL OF ACCESSIBILITY IN ACCORDANCE WITH ANSI AND ADA GUIDELINES. SIGN FINISHES TO BE SELECTED BY A.O.R.
RR	PROVIDE (1) SIGN PER RESTROOM COMPLYING WITH ADA LOCAL CODE. SIGN TO HAVE RAISED CHARACTERS AND PICTORIAL SYMBOL OF ACCESSIBILITY IN ACCORDANCE WITH ANSI AND ADA GUIDELINES. SIGN FINISHES TO BE SELECTED BY A.O.R.
MECH	PROVIDE (1) SIGN PER ELECTRICAL/MECHANICAL ROOM COMPLYING WITH ADA LOCAL CODE. SIGN TO HAVE RAISED CHARACTERS AND PICTORIAL SYMBOL OF ACCESSIBILITY IN ACCORDANCE WITH ANSI AND ADA GUIDELINES. SIGN FINISHES TO BE SELECTED BY A.O.R.





CLEARANCE SIGN



1 CODE PLAN FIRST LEVEL

SCALE 1/8" = 1'-0"

APPLICABLE CODES & STANDARDS

2012 ICC INTERNATIONAL CODE COUNCIL ALL REFERENCE STANDARDS
IBC INTERNATIONAL BUILDING CODE
IPC INTERNATIONAL PLUMBING CODE
IMC INTERNATIONAL MECHANICAL CODE
IFC INTERNATIONAL FIRE CODE
2011 NATIONAL ELECTRIC CODE (NEC)
2010 ADAAG AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES
2009 ANSI A117.1 GUIDELINES FOR ACCESSIBLE & USABLE BUILDING & FACILITIES

GENERAL PROJECT INFORMATION

USER GROUP: A-3, ASSEMBLY
CONSTRUCTION TYPE: II-B (2B)
SPRINKLERED: YES
GROSS BUILDING AREA: 21,801 SF

GENERAL BUILDING HEIGHTS AND AREAS (IBC CHAPTER 5)

MAXIMUM 75'-0" FEET ABOVE GRADE PLANE ALLOWED, 25' 0" FEET PROVIDED.
MAXIMUM 3 STORIES ABOVE GRADE PLANE ALLOWED, 1 STORY PROVIDED
MAXIMUM 28,500 SF ALLOWED, REFER TO BUILDING SQUARE FOOTAGE LISTED ABOVE.

FIRE RESISTANCE RATINGS (IBC CHAPTER 6)

CONSTRUCTION TYPE: II-B (2B)

PRIMARY STRUCTURAL FRAME:	0 HOURS
BEARING WALLS (EXTERIOR AND INTERIOR):	0 HOURS
NON-BEARING WALLS AND PARTITIONS EXTERIOR:	0 HOURS
NON-BEARING WALLS AND PARTITIONS INTERIOR:	0 HOURS
FLOOR CONSTRUCTION:	0 HOURS
ROOF CONSTRUCTION:	0 HOURS

** NOT LESS THAN FIRE RESISTANCE RATINGS REQUIRED BY OTHER SECTIONS OF CODE

INTERIOR FINISHES (IBC CHAPTER 8)

INTERIOR WALL AND CEILING FINISH REQUIREMENTS BY OCCUPANCY

INTERIOR EXIT STAIRWAYS AND RAMPS AND EXIT PASSAGEWAYS:	B
CORRIDORS AND ENCLOSURE FOR EXIT ACCESS STAIRWAYS AND RAMPS:	B
ROOMS AND ENCLOSED SPACES:	C

FIRE PROTECTION SYSTEMS (IBC CHAPTER 9)

AUTOMATIC SPRINKLER SYSTEM
USE GROUP II-B (2B)

PORTABLE FIRE EXTINGUISHERS

SHALL BE PROVIDED IN ACCORDANCE WITH NFPA 10 AND INTERNATIONAL FIRE CODE. SEE PLAN FOR LOCATIONS & TYPES.

MEANS OF EGRESS INFORMATION (IBC CHAPTER 10)

SECTION 1004 OCCUPANT LOAD
CALCULATED OCCUPANT LOADING PER TABLE 1004.1.2

ACCESSORY STORAGE AND MEP ROOMS	300 SF/OCC GROSS
ASSEMBLY WITHOUT FIXED SEATING	15 SF/OCC NET
BUSINESS AREAS	100 SF/OCC GROSS
LIBRARY, READING ROOMS	50 SF/OCC NET
LIBRARY, STACK AREA	100 SF/OCC GROSS
STORAGE AREAS	200 SF/OCC GROSS

REFER TO OCCUPANT LOAD SCHEDULE FOR TOTAL CALCULATED OCCUPANT LOAD.

SECTION 1005 MEANS OF EGRESS SIZING
CORRIDORS AND EGRESS COMPONENTS: 0.15" PER OCC

SECTION 1015 NUMBER OF EXITS AND EXIT ACCESS DOORWAYS
PER TABLE 1006.2.1
2 OCCUPANCY SPACES WITH >49 OCCUPANTS 2 EXITS REQUIRED
REFER TO CODE PLAN FOR EXITS
COMMON PATH OF TRAVEL: 75'

SECTION 1015 NUMBER OF EXITS AND EXIT ACCESS DOORWAYS
PER TABLE 1006.3.1
STORIES WITH 1-500 OCCUPANTS 2 EXITS REQUIRED
REFER TO OCCUPANT LOAD SCHEDULE FOR TOTAL OCCUPANCY LOAD.

SECTION 1021 EXIT AND EXIT ACCESS DOORWAY CONFIGURATION
EXITS SHALL BE PLACED A DISTANCE APART EQUAL TO NOT LESS THAN 1/3 OF THE LENGTH OF THE MAXIMUM OVERALL DIAGONAL DIMENSION OF THE BUILDING OR AREA TO BE SERVED MEASURED IN A STRAIGHT LINE BETWEEN THEM.

SECTION 1016 EXIT ACCESS TRAVEL DISTANCE
SHALL NOT EXCEED 250' IN PROVIDED OCCUPANCY GROUPS.

SECTION 1018 CORRIDORS
PER TABLE 1020.01: CORRIDORS IN OCCUPANCY GROUP A SERVING >30 OCCUPANTS SHALL BE FIRE RESISTANT RATED 0 HOUR.
PER TABLE 1020.02: REQUIRED CAPACITY OF CORRIDORS SHALL NOT BE LESS THAN 44".
PER 1020.4: DEAD END CORRIDORS SHALL BE LIMITED TO 20' IN LENGTH.

PLUMBING SYSTEMS (IBC SECTION 2902)

WATER CLOSETS REQUIRED:	4 WOMEN'S REQUIRED (1 PER 65 OCCUPANTS) 2 MEN'S REQUIRED (1 PER 125 OCCUPANTS) 10 PROVIDED
LAVATORIES REQUIRED:	4 REQUIRED (1 PER 200 OCCUPANTS) 6 PROVIDED
DRINKING FOUNTAINS REQUIRED:	1 REQUIRED (1 PER 500 OCCUPANTS) 2 PROVIDED
SERVICE SINKS REQUIRED:	1 REQUIRED, 1 PROVIDED

KEYNOTE LEGEND

DIVISION	DESCRIPTION
10.4400.01	SEMI-RECESSED FIRE EXTINGUISHER CABINET WITH 10 LBS ABC FIRE EXTINGUISHER INSIDE. MOUNT CABINET WITH BOTTOM NOT MORE THAN 27 INCHES ABOVE FINISH FLOOR LEVEL.

DEFERRRED SUBMITTAL LIST

THE FOLLOWING LIST IS OF SUBMITTALS THAT THE DESIGN TEAM RECOGNIZES REQUIRE SUBMISSION TO THE AUTHORITY HAVING JURISDICTION FOR REVIEW THAT ARE NOT AVAILABLE BEFORE CONTRACTOR INVOLVEMENT AND/OR CREATION. THE FOLLOWING WILL BE SUBMITTED TO THE AUTHORITY HAVING JURISDICTION FOR REVIEW BEFORE CONSTRUCTION OF THE ASSOCIATED BUILDING ELEMENTS.

- PRE-ENGINEERED METAL TRUSSES
- AUTOMATIC FIRE SUPPRESSION SYSTEM

OCCUPANT LOAD SCHEDULE

ROOM	ROOM NAME	USER GROUP	AREA	SF PER OCC.	OCC.
100A	VESTIBULE	A-3	216 SF	0 SF	
100B	LOBBY	A-3	312 SF	0 SF	
101	LOBBY	A-3	906 SF	15 SF	61
102A	COMMUNITY ROOM	A-3	1,902 SF	15 SF	127
102B	STORAGE	A-3	491 SF	300 SF	2
103	INSPIRATION KITCHEN	A-3	385 SF	200 SF	2
104A	GENEALOGY	A-3	86 SF	50 SF	2
104B	STORAGE	A-3	127 SF	300 SF	1
105	WOMEN'S RR	A-3	307 SF	0 SF	
106	JANITOR	A-3	54 SF	300 SF	1
107	MEN'S RR	A-3	308 SF	0 SF	
108	CIRCULATION	A-3	2,335 SF	0 SF	
109	COMPUTERS	A-3	461 SF	100 SF	5
110	STACKS	A-3	1,674 SF	100 SF	17
111	STACKS	A-3	1,011 SF	100 SF	11
112A	READING AREA	A-3	450 SF	50 SF	10
112B	PATIO	A-3	1,812 SF	15 SF	121
113A	CHILDREN AREA	A-3	3,043 SF	100 SF	31
113B	STORAGE	A-3	103 SF	300 SF	1
113C	STORAGE	A-3	290 SF	300 SF	1
114	MECH	A-3	227 SF	300 SF	1
115	CIRCULATION DESK	A-3	380 SF	100 SF	4
116	BOOK SALES	A-3	139 SF	100 SF	2
117	TEEN AREA	A-3	1,339 SF	100 SF	14
118	WORK ROOM	A-3	684 SF	100 SF	7
119	RESTROOM	A-3	62 SF	0 SF	
120	MECH	A-3	316 SF	300 SF	2
121	BREAK ROOM	A-3	213 SF	100 SF	3
122	OFFICE	A-3	186 SF	100 SF	2
123	STUDY	A-3	58 SF	50 SF	2
124	STUDY	A-3	58 SF	50 SF	2
125	STUDY	A-3	62 SF	50 SF	2
126	STUDY	A-3	62 SF	50 SF	2
127	MEETING ROOM	A-3	240 SF	50 SF	5
130	CHILDREN'S RR	A-3	58 SF	0 SF	
			TOTAL: 20,356 SF		TOTAL: 441

JARED A. YOUNGLOVE
NUMBER A-2017016282
MISSOURI
ARCHITECT
6/11/21
JARED A. YOUNGLOVE, ARCHITECT
MO #: A-2017016282

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MISSOURI STATE CERTIFICATE OF AUTHORITY NUMBER A-2016004515
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REVISION SCHEDULE

PROJECT DESCRIPTION: MONETT LIBRARY BRANCH 19-556
2200 PARK STREET, MONETT, MO. 65708
PROJECT ARCHITECT: JAY
DRAWN BY: TRW
CHECKED BY: JAY
SHEET NUMBER: G0-1 CODE PLAN
PROJECT NUMBER: 19-556
DATE: 06/11/21

NORTH

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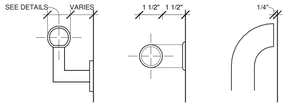
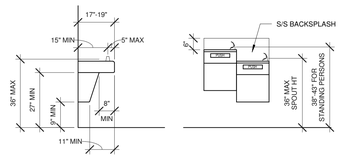


HANDRAIL GRAB BAR TYP RETURN

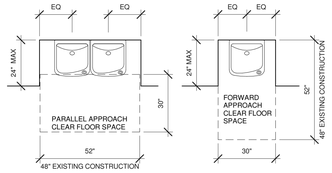
NOTE:
1. GRAB BAR SHALL BE DESIGNED TO WITHSTAND A 250LB. LOAD. COORDINATE NECESSARY BLOCKING IN WALL WITH FRAMING CONTRACTOR.
2. HANDRAILS SHALL BE SPACED 2 1/4" AWAY FROM WALL FOR STAIRS AND 1 1/2" FOR RAMPS. SEE HANDRAIL DETAIL FOR MOUNTING HEIGHT.

9 ADA GRAB BARS/HANDRAILS

SCALE 3" = 1'-0"



SIDE ELEVATION FRONT ELEVATION

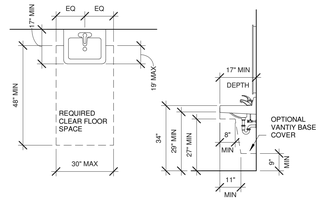


PLAN VIEWS

NOTE:
1. SPOUT HEIGHT INDICATED BELOW IS FOR ADULTS AND IS TYPICAL UNLESS NOTED OTHERWISE.
2. SPOUT HEIGHT FOR CHILDREN'S USE SHALL BE 30" MAX WITH A PARALLEL APPROACH ONLY.
3. DOUBLE HEIGHT DRINKING FOUNTAIN UNLESS OTHERWISE SPECIFIED, SINGLE UNIT SPOUT HEIGHT SHALL BE 36" A.F.F.
4. FOUNTAIN CANNOT BE PLACED IN EGRESS PATH. PROVIDE ALCOVE AND RECESS FOUNTAIN

8 ACCESSIBLE DRINKING FOUNTAIN

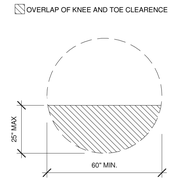
SCALE 3/8" = 1'-0"



NOTE:
1. COUNTERTOP MOUNTED LAVATORIES ARE TO BE MOUNTED WITH SAME CLEARANCES, REQUIREMENTS, ETC.
2. FOR CHILDREN THE LABATORY RIM/COUNTERTOP HEIGHT SHALL BE AT MAX. 31" FOR AGES 6-12 AND KNEE CLEARENCE BELOW SINK SHALL BE A MINIMUM OF 24"

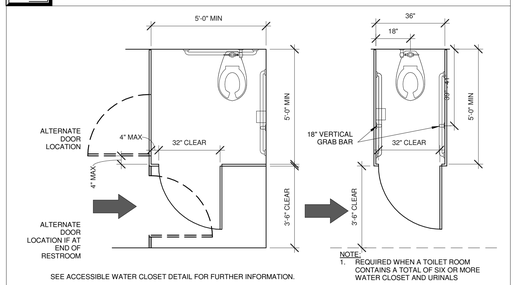
7 ACCESSIBLE LAVATORY

SCALE 3/8" = 1'-0"



6 ADA TURN RADIUS

SCALE 3/8" = 1'-0"

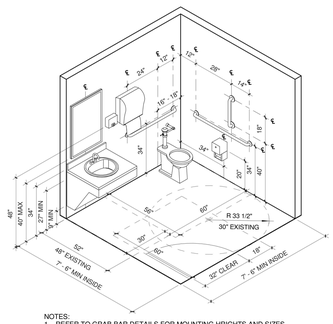


SEE ACCESSIBLE WATER CLOSET DETAIL FOR FURTHER INFORMATION.

NOTE:
1. REQUIRED WHEN A TOILET ROOM CONTAINS A TOTAL OF SIX OR MORE WATER CLOSET AND URINALS

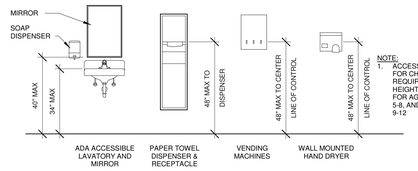
5 ACCESSIBLE/AMBULATORY STALL

SCALE 3/8" = 1'-0"



NOTES:
1. REFER TO GRAB BAR DETAILS FOR MOUNTING HRIGHTS AND SIZES
2. REFER TO PLAN FOR ADDITIONAL DOOR INFORMATION
3. REFER TO VANITY DETAIL FOR ADDITIONAL VANITY INFORMATION

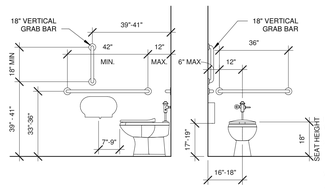
10 ACCESSIBLE RESTROOM - SINGLE



NOTE:
1. ACCESSIBLE REACH RANGES FOR CHILDREN'S ADA REQUIREMENTS OF CONTROL HEIGHT SHALL BE 20" TO 36" FOR AGES 3-4, 18" TO 40" FOR 5-8, AND 16" TO 44" FOR AGES 9-12

4 ACCESSIBLE RESTROOM ACCESSORIES

SCALE 3/8" = 1'-0"

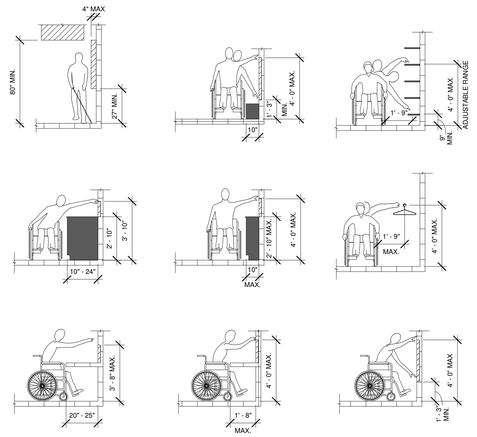


CHILDRENS REQUIREMENTS	AGES 9-12
WATERCLOSET CENTERLINE FROM WALL	15-18 INCHES
GRAB BAR HEIGHT ABOVE FINISH FLOOR	25-27 INCHES
DISPENSER HEIGHT ABOVE FINISH FLOOR	17-19 INCHES

NOTES:
1. SEE FOR GRAB BAR DETAIL FOR MORE INFORMATION ON GRAB BARS.
2. WHEN VERTICAL WALL SURFACE CHANGES IN PLANE BEHIND GRAB BAR, PROVIDE TRIM BEHIND BAR MOUNTING SO THAT MOUNTING SURFACE IS WITHIN SAME PLANE AS THE FARTHEST PROTRUDING WALL FINISH MATERIAL.
3. MAINTAIN 1 1/2" CLEAR BELOW OR 12" CLEAR ABOVE THE GRAB BAR FOR TISSUE DISPENSER INSTALLATION
4. FLUSH VALVES SHALL BE MOUNTED ON THE WIDE SIDE OF TOILET CLEARENCE
5. DIMENSIONS/OFFSETS ARE TYPICAL FOR WALL MOUNTED, FLOOR MOUNTED, OR TANK TYPE WATER CLOSETS.
6. TOILET FLUSH CONTROL HEIGHT SHALL BE 44" MAX FOR ADULTS AND 36" MAX FOR CHILDREN 12 AND UNDER.

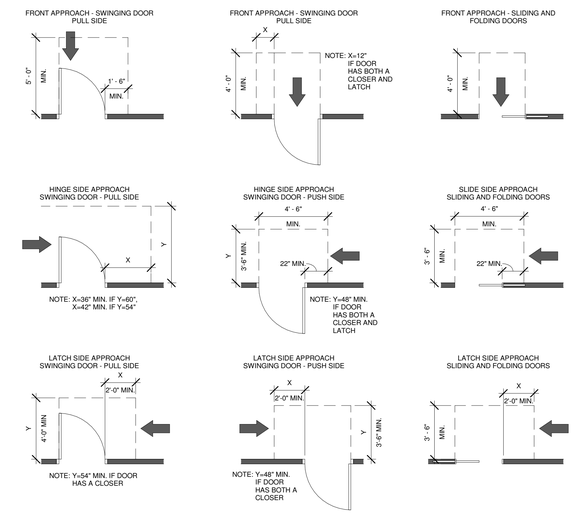
3 ACCESSIBLE WATER CLOSET

SCALE 3/8" = 1'-0"



2 ADA REACH CLEARANCE

SCALE 1/4" = 1'-0"



1 ADA DOOR APPROACH DIAGRAM

SCALE 1/4" = 1'-0"

STATE OF MISSOURI
JARED A. YOUNGLOVE
NUMBER A-2017019282
ARCHITECT
6/11/21
JARED A. YOUNGLOVE, ARCHITECT
MO #: A-2017019282

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MISSOURI STATE CERTIFICATE OF AUTHORITY NUMBER A-2016000415

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REVISION SCHEDULE

PROJECT DESCRIPTION:

SHEET NUMBER: **G0-2**

ADA STANDARD SHEET

MONETT LIBRARY BRANCH 19-556

PROJECT NUMBER: 19-556

200 PARK STREET, MONETT, MO. 65708

PROJECT ARCHITECT: JAY
DRAWN BY: TRW
CHECKED BY: JAY, R.L.Y

DATE: 06/11/21

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CIVIL LEGENDS

ABBREVIATIONS

BC	BACK OF CURB
CC	STANDARD CATCH CURB
CL	CENTER LINE
CMP	CORRUGATED METAL PIPE
EP	EDGE OF PAVEMENT
EX EP	EDGE OF EXISTING PAVEMENT
EC	EDGE OF CONCRETE
EX EC	EDGE OF EXISTING CONCRETE
ES	EDGE OF SHOULDER
EX ES	EDGE OF EXISTING SHOULDER
FES	FLARED END SECTION
FL	FLOW LINE
GT	GUTTER INVERT
GY	GUY WIRE
HDPE	HIGH DENSITY POLYETHYLENE
INV	INVERT
LF	LINEAR FEET
MC	MOUNTABLE CURB
R/W	RIGHT-OF-WAY
RCP	REINFORCED CONCRETE PIPE
SC	SPILL CURB
TB	TOP OF BASE ROCK
TC	TOP OF CURB
TG	TOP OF GROUND
TP	TOP OF PAVEMENT
TS	TOP OF SIDEWALK
TW	TOP OF WALL
SCL	SAW CUT LINE

SYMBOLS

- MARKER STONE
- RIGHT OF WAY MARKER
- IRON PIN FOUND
- IRON PIN SET
- CUT CROSS
- CONTROL POINT
- BENCHMARK
- SANITARY SEWER MANHOLE
- STORM SEWER INLET
- TELEPHONE MANHOLE
- POWER POLE
- GUY ANCHOR
- LIGHT POLE
- TR — TELEPHONE RISER
- GAS VALVE
- GAS METER
- WATER VALVE
- WATER METER
- FIRE HYDRANT
- IRR — IRRIGATION VALVE
- WELL
- MB — MAIL BOX
- POST
- C0 — CLEANOUT
- SIGN
- AC — AIR CONDITIONING UNIT
- SHRUB
- DECIDUOUS TREE
- CONIFEROUS TREE

LINETYPES

PL	PROPERTY LINE
RW	RIGHT OF WAY LINE
S	SANITARY SEWER LINE
FM	SANITARY SEWER FORCE MAIN
ST	STORM SEWER LINE
IRR	IRRIGATION WATER LINE
FL	FLOW LINE
OHE	OVERHEAD ELECTRIC LINE
UE	UNDERGROUND ELECTRIC LINE
G	GAS LINE
W	WATER LINE
C	COMMUNICATIONS LINE
T	TELEPHONE LINE
UGT	TELEPHONE LINE
FO	FIBER OPTIC LINE
CTV	CABLE TELEVISION
O	CHAIN LINK FENCE
X	BARBED WIRE FENCE
□	WOOD FENCE
1000	EXISTING MAJOR CONTOUR
1001	EXISTING MINOR CONTOUR
1000	PROPOSED MAJOR CONTOUR
1001	PROPOSED MINOR CONTOUR
- - - -	SILT FENCE / SILT SOCK
⌒⌒⌒	TREE LINE

PROJECT CONTROL

BENCHMARKS

THE NAVD88 VERTICAL DATUM WAS USED ON THIS PROJECT.

CP-1: OPUS CONTROL POINT MARKED WITH #5 REBAR, LOCATED IN GRASS NORTH OF PROJECT SITE, 492 FEET NORTH OF CURB ON PARK STREET, 17.50 FEET EAST OF EAST CURB ON OLD AIRPORT ROAD, 28 FEET SOUTH AND 4 FEET EAST OF FIRE HYDRANT, IN SE $\frac{1}{4}$ OF SE $\frac{1}{4}$ OF S29, T26N, R27W, LAWRENCE COUNTY, MISSOURI.

ELEVATION: 1369.64

CONTROL POINT TABLE

POINT NUMBER	NORTHING	EASTING	ELEVATION
1	278867.5689	2963345.3140	1369.64
2	278773.5862	2963322.4630	1368.10

GENERAL CIVIL NOTES

1. THE GENERAL NOTES ON THE DRAWINGS ARE INTENDED TO SUPPLEMENT THE GENERAL CONDITIONS AND TECHNICAL SPECIFICATIONS. WHEN THE NOTES ON THE DRAWINGS CONFLICT WITH THE TECHNICAL REQUIREMENTS OUTLINED IN THE SPECIFICATIONS, THE MORE STRINGENT CRITERIA WILL GOVERN.
2. CONSTRUCTION METHODS AND MATERIALS SHALL CONFORM TO THESE DRAWINGS, THE PROJECT TECHNICAL SPECIFICATIONS, AND THE APPLICABLE STANDARDS AND SPECIFICATIONS OF THE LOCAL AUTHORITY, UNLESS OTHERWISE NOTED.
3. ALL TRAFFIC CONTROL SHALL BE IN CONFORMANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). DURING CONSTRUCTION, ACCESS SHALL BE MAINTAINED FOR EMERGENCY VEHICLES AND LOCAL TRAFFIC. THE FIRE, POLICE AND AMBULANCE DEPARTMENTS, SCHOOL BUS COMPANIES, AND POST OFFICE ARE TO BE NOTIFIED 48 HOURS PRIOR TO ANY ROAD CLOSINGS.
4. THE EXISTING UTILITY LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE AND MAY NOT INCLUDE ALL UTILITIES PRESENT. THE CONTRACTOR SHALL BE RESPONSIBLE TO CALL MISSOURI ONE CALL AT 1-800-344-7483 AND COORDINATE FIELD LOCATION OF EXISTING UNDERGROUND UTILITIES PRIOR TO BEGINNING CONSTRUCTION ACTIVITIES. DURING CONSTRUCTION CONTRACTOR SHALL FIELD VERIFY THE LOCATION OF EXISTING UTILITIES WHERE CONFLICTS MIGHT OCCUR WITH PROPOSED UTILITIES OR GRADING ACTIVITIES. IF A CONFLICT BECOMES APPARENT THE CONTRACTOR SHALL CONTACT ENGINEER FOR DIRECTION. PRIOR TO COMMENCEMENT OF WORK, THE CONTRACTOR SHALL NOTIFY ALL THOSE UTILITY COMPANIES WHICH HAVE FACILITIES IN THE NEAR VICINITY OF THE CONSTRUCTION BEING PERFORMED.
5. EXISTING UNDERGROUND UTILITIES IN THE VICINITY OF THE WORK TO BE DONE ARE INDICATED ON THE DRAWINGS ONLY TO THE EXTENT SUCH INFORMATION HAS BEEN MADE AVAILABLE OR DISCOVERED BY THE ENGINEER IN PREPARATION OF THE DRAWINGS. THERE IS NO GUARANTEE AS TO THE ACCURACY OR COMPLETENESS OF SUCH INFORMATION. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR LOCATING UNDERGROUND UTILITIES, INCLUDING SERVICE CONNECTIONS, IN ADVANCE OF CONSTRUCTION ACTIVITIES BY CONTACTING THE OWNERS THEREOF AND BY PROSPECTING. THE CONTRACTOR SHALL IMMEDIATELY INFORM THE OWNER AND ENGINEER IN WRITING OF ANY DISCREPANCIES WITH THE PLAN INFORMATION. ALL DAMAGE TO EXISTING UTILITIES, INCLUDING SERVICE CONNECTIONS, SHALL BE REPAIRED BY AND AT THE EXPENSE OF THE CONTRACTOR.
6. THE CONTRACTOR SHALL NOT CHANGE OR DEVIATE FROM THE PLANS WITHOUT FIRST OBTAINING WRITTEN APPROVAL FROM THE OWNER AND ENGINEER.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS AND PAY ALL FEES AS REQUIRED BY THIS CONSTRUCTION.
8. ALL WORK WITHIN ROAD RIGHT OF WAY SHALL CONFORM TO EITHER THE LOCAL JURISDICTION OR THE MISSOURI DEPARTMENT OF TRANSPORTATION REQUIREMENTS; WHICH EVER IS APPLICABLE.
9. ALL TRENCHES CROSSING THROUGH PAVED AREAS OR AREAS TO BE PAVED SHALL BE BACKFILLED FULL DEPTH WITH COMPACTED CRUSHED STONE MATERIAL AS PER PROJECT DETAILS AND SPECIFICATIONS.
10. ALL WORK AND MATERIALS SHALL BE SUBJECT TO INSPECTION AND APPROVAL BY THE OWNER OR THE OWNER'S REPRESENTATIVE.
11. ANY ESTIMATES OF QUANTITIES ARE FOR INFORMATIONAL PURPOSES ONLY. CONTRACTOR AND SUBCONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING ALL QUANTITIES. CONTRACTOR SHALL PROVIDE ALL WORK AND MATERIALS SHOWN ON PLANS.
12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING THE PUBLIC STREETS IN THE VICINITY OF THE JOB CLEAN AND FREE OF ROCKS, SOIL, AND DEBRIS.
13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE RESTORATION OF THE RIGHT OF WAY AND FOR DAMAGED IMPROVEMENTS SUCH AS CURBS, SIDEWALKS, STREET LIGHT AND TRAFFIC SIGNAL JUNCTION BOXES, TRAFFIC SIGNAL LOOP WIRING, SIGNAL POLES AND ETC. DAMAGED IMPROVEMENTS SHALL BE REPAIRED IN CONFORMANCE WITH THE LATEST CITY AND MODOT REGULATIONS AND TO THEIR SATISFACTION.
14. THE CONTRACTOR SHALL BE RESPONSIBLE TO CONTROL EROSION AND SILTATION DURING ALL PHASES OF CONSTRUCTION AS OUTLINED IN THE EROSION CONTROL PLAN AND THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP), IF APPLICABLE. EROSION CONTROL PROCEDURES SHALL BE IN PLACE PRIOR TO GRADING ACTIVITIES.
15. THE CONTRACTOR SHALL CLEAN OUT ALL INLETS, PIPES AND MANHOLES OF DEBRIS AND SEDIMENTATION AT THE COMPLETION OF SITE WORK. THIS WORK SHALL BE DONE TO THE SATISFACTION OF THE OWNER AND LOCAL JURISDICTION.
16. THE CONTRACTOR IS RESPONSIBLE FOR PROTECTION OF ALL PROPERTY CORNERS. ANY PROPERTY CORNERS DISTURBED OR DAMAGED BY CONSTRUCTION ACTIVITIES SHALL BE RESET BY A PROFESSIONAL LAND SURVEYOR LICENSED IN THE STATE OF MISSOURI, AT THE CONTRACTOR'S EXPENSE.
17. THE CONTRACTOR SHALL HAVE ONE (1) SIGNED COPY OF THE APPROVED PLANS, AND ONE (1) COPY OF THE APPROPRIATE DESIGN AND CONSTRUCTION STANDARDS AND SPECIFICATIONS AT THE SITE AT ALL TIMES.
18. THE CONTRACTOR IS OBLIGATED TO INSPECT FOR EXISTING CONDITIONS AND/OR INSTALLATIONS AND AVAILABLE INFORMATION PRIOR TO SUBMITTING A BID. ANY DELAY, ADDITIONAL WORK, FEES OR EXTRA COST TO THE CONTRACTOR CAUSED BY OR RESULTING FROM DAMAGE TO OR MODIFICATION OF EXISTING INSTALLATIONS BY THE CONTRACTOR OR AFFECTED UTILITY COMPANY SHALL NOT CONSTITUTE A CLAIM FOR EXTRA WORK, ADDITIONAL PAYMENT OR DAMAGES.

DEMOLITION NOTES

JOB CONDITIONS

1. THE OWNER ASSUMES NO RESPONSIBILITY FOR THE ACTUAL CONDITION OF ANY STRUCTURES TO BE DEMOLISHED.
2. ITEMS OF SALVAGEABLE VALUE TO THE CONTRACTOR MAY BE REMOVED FROM THE PROJECT SITE AT THE APPROVAL OF THE OWNER. TRANSPORT THE SALVAGED ITEMS FROM THE SITE AS THEY ARE REMOVED.
3. THE USE OF EXPLOSIVES WILL NOT BE PERMITTED ON THIS PROJECT.
4. THE SUBCONTRACTOR SHALL CONDUCT THE DEMOLITION OPERATIONS AND REMOVAL OF DEBRIS TO ENSURE MINIMUM INTERFERENCE WITH ROADS, STREETS, WALKS, AND OTHER ADJACENT OCCUPIED AND USED FACILITIES.
5. THE SUBCONTRACTOR SHALL INSURE SAFE PASSAGE OF PERSONS AROUND THE DEMOLITION AREA. CONDUCT OPERATIONS TO PREVENT DAMAGE TO ADJACENT BUILDING STRUCTURES AND OTHER FACILITIES THAT ARE TO REMAIN; AND INJURY TO PERSONS.
6. PROVIDE INTERNAL AND EXTERNAL SHORING, BRACING OR SUPPORT TO PREVENT MOVEMENT, SETTLEMENT OR COLLAPSE OF ANY STRUCTURES TO BE DEMOLISHED AND ANY ADJACENT FACILITIES TO REMAIN.
7. MAINTAIN EXISTING UTILITIES INDICATED TO STAY IN SERVICE AND PROTECT AGAINST DAMAGE DURING DEMOLITION OPERATIONS. DISCONNECT ALL UTILITIES SERVING ANY STRUCTURES TO BE DEMOLISHED, PRIOR TO START OF DEMOLITION WORK.

DEMOLITION

1. POLLUTION CONTROLS: USE WATER SPRINKLING, TEMPORARY ENCLOSURES AND OTHER SUITABLE METHODS TO LIMIT DUST AND DIRT RISING AND SCATTERING IN AIR. COMPLY WITH GOVERNMENT REGULATIONS PERTAINING TO ENVIRONMENTAL PROTECTION.
2. CLEAN ADJACENT STRUCTURES AND IMPROVEMENTS OF DUST, DIRT, AND DEBRIS CAUSED BY DEMOLITION OPERATIONS. RETURN ADJACENT AREAS TO CONDITIONS AS THEY EXIST PRIOR TO START OF WORK.
3. BUILDING DEMOLITION: DEMOLISH BUILDINGS COMPLETELY AND REMOVE FROM SITE. USE SUCH METHODS AS REQUIRED TO COMPLETE WORK WITHIN LIMITATIONS OF GOVERNMENT REGULATIONS.
4. DEMOLISH CONCRETE AND MASONRY IN SMALL SECTIONS.
5. REMOVE STRUCTURAL FRAMING MEMBERS AND LOWER TO GROUND BY HOIST, DERRICK OR OTHER SUITABLE METHODS.
6. BREAK UP AND REMOVE CONCRETE SLABS ON GRADE, UNLESS OTHERWISE SHOWN TO REMAIN.
7. BELOW-GRADE CONSTRUCTION: DEMOLISH FOUNDATION WALLS AND OTHER BELOW GRADE CONSTRUCTION, INCLUDING CONCRETE SLABS, TO A DEPTH OF NOT LESS THAN 12" BELOW THE LOWEST FOUNDATION LEVEL.
8. FILLING VOIDS: COMPLETELY FILL BELOW-GRADE AREAS AND VOIDS RESULTING FROM DEMOLITION AS OUTLINED BELOW.
9. USE SATISFACTORY SOIL MATERIALS AS DEFINED IN A.S.T.M. D-2487, CONSISTING OF STONE, GRAVEL AND SAND, FREE FROM DEBRIS, TRASH, FROZEN MATERIALS, ROOTS, AND OTHER ORGANIC MATTER.
10. PRIOR TO PLACEMENT OF FILL MATERIAL, ENSURE THAT AREAS TO BE FILLED ARE FREE OF STANDING WATER, FROST OR FROZEN MATERIAL, TRASH, AND DEBRIS.
11. PLACE FILL MATERIAL IN HORIZONTAL LAYERS AT DEPTHS AND MOISTURE CONTENTS AS RECOMMENDED IN THE FILL COMPACTION REQUIREMENTS ON PAGE 7 OF THE GEOTECHNICAL ENGINEERING REPORT.
12. AFTER FILL PLACEMENT AND COMPACTION, GRADE THE SURFACE TO MEET ADJACENT CONTOURS AND TO PROVIDE FLOW TO SURFACE STRUCTURES.

DISPOSAL OF DEMOLISHED MATERIALS

1. REMOVE FROM SITE ACCUMULATED VEGETATION, DEBRIS, RUBBISH, AND OTHER MATERIAL RESULTING FROM THE DEMOLITION OPERATION.
2. BURNING OF COMBUSTIBLE MATERIALS FROM DEMOLISHED STRUCTURES AND VEGETATION WILL NOT BE PERMITTED ON SITE.
3. REMOVAL: TRANSPORT MATERIALS REMOVED FROM DEMOLISHED STRUCTURES, VEGETATION, PAVEMENT, AND BASE ROCK AND LEGALLY DISPOSE OFF SITE.

PROTECTION OF EXISTING STRUCTURES AND VEGETATION

1. SUBCONTRACTOR SHALL INSTALL 6' STEEL FENCE POSTS, DRIVEN 18" INTO THE GROUND, AT 10' ON CENTER AT TREE DRIP LINES AND INSTALL 4' TENAX ORANGE WARNING BARRIER, OR EQUAL, ATTACHED AS RECOMMENDED BY THE MANUFACTURER, TO PROTECT EXISTING TREES DURING CONSTRUCTION. CONTRACTOR SHALL REMOVE POSTS AND FENCE FABRIC AFTER ALL CONSTRUCTION IS COMPLETE.

SEDIMENT & EROSION CONTROL NOTES

1. THE EROSION CONTROL PLAN SHOWS THE LOCATION AND DETAILS FOR PRIMARY EROSION CONTROLS TO BE CONSTRUCTED. THE CONTRACTOR IS RESPONSIBLE FOR CONTROLLING EROSION AND DISCHARGE OF SEDIMENT FROM THE SITE AT ALL TIMES DURING CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE NECESSARY MEASURES DURING ALL PHASES OF HIS OPERATIONS REGARDLESS OF WHETHER THEY ARE SPECIFICALLY NOTED ON THE EROSION CONTROL PLAN AND SHALL MAINTAIN AND REPLACE CONTROLS AS NECESSARY DURING THE COURSE OF HIS OPERATIONS.
2. INITIAL SEDIMENT CONTROLS SHOWN ON THE EROSION CONTROL PLAN MUST BE INSTALLED PRIOR TO ANY OTHER WORK.
3. THE CONTRACTOR SHALL SHALL CLEAN ALL STREETS BOTH INTERIOR AND ADJACENT TO THE SITE, AS NEEDED AFTER EACH RAINFALL AND AT THE END OF CONSTRUCTION.
4. THE CONTRACTOR SHALL IS RESPONSIBLE FOR CONTROLLING DUST DURING CONSTRUCTION AND SHALL WATER CONSTRUCTION AREAS WHENEVER CONDITIONS WARRANT.
5. THE CONTRACTOR SHALL IS RESPONSIBLE FOR CLEANING SILT FROM STORM DRAINS, INLETS, CULVERTS, ETC. PRIOR TO APPROVAL OF CONSTRUCTION.
6. ALL DISTURBED AREAS NOT RECEIVING OTHER PERMANENT STABILIZATION SUCH AS PAVEMENT, ROOFS, SOD, AND ETC., SHALL BE SEEDED AND MULCHED, AS PER THE PROJECT SPECIFICATIONS BEFORE TEMPORARY SEDIMENT CONTROLS CAN BE REMOVED AND PRIOR TO FINAL APPROVAL OF CONSTRUCTION.
7. IF APPLICABLE THE CONTRACTOR SHALL CONFORM TO ALL REQUIREMENTS AS PUT FORTH IN THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP). THE SWPPP SHALL BE CONSIDERED AS A STARTING POINT FOR SEDIMENT AND EROSION CONTROLS AND THE CONTRACTOR WILL BE RESPONSIBLE FOR REVISING AND UPDATING EROSION CONTROLS AS SITE CONDITIONS CHANGE DURING THE COURSE OF CONSTRUCTION.

UTILITY CONSTRUCTION NOTES

1. THE EXISTING UTILITY LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE AND MAY NOT INCLUDE ALL UTILITIES PRESENT. THE CONTRACTOR SHALL BE RESPONSIBLE TO CALL MISSOURI ONE CALL AT 1-800-344-7483 AND COORDINATE FIELD LOCATION OF EXISTING UNDERGROUND UTILITIES PRIOR TO BEGINNING UTILITY CONSTRUCTION ACTIVITIES. DURING CONSTRUCTION SUBCONTRACTOR SHALL FIELD VERIFY THE LOCATION OF EXISTING UTILITIES WHERE CONFLICTS MIGHT OCCUR WITH PROPOSED UTILITIES. IF A CONFLICT BECOMES APPARENT THE CONTRACTOR SHALL CONTACT ENGINEER FOR DIRECTION. PRIOR TO COMMENCEMENT OF WORK, THE CONTRACTOR SHALL SHALL NOTIFY ALL THOSE UTILITY COMPANIES WHICH HAVE FACILITIES IN THE NEAR VICINITY OF THE CONSTRUCTION BEING PERFORMED.
2. ALL TRENCHES CROSSING PAVED AREAS OR AREAS TO BE PAVED SHALL BE BACKFILLED FULL DEPTH WITH COMPACTED BEDDING MATERIAL IN CONFORMANCE WITH PROJECT DETAILS AND SPECIFICATIONS.
3. ALL UTILITY CONSTRUCTION AND MATERIALS SHALL BE IN CONFORMANCE WITH CITY AND LOCAL FIRE DEPARTMENT REQUIREMENTS AND STANDARD PLANS AND SPECIFICATIONS.
4. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL PERMITS NOT OBTAINED BY THE OWNER.
5. INSTALL TRACER WIRE WITH ALL SANITARY SEWER AND POTABLE WATER UTILITIES AS REQUIRED. CONNECT TRACER WIRE TO EXISTING TRACER WIRE AND STUB UP END OF THE TRACER WIRE AT THE ENDS OF RUNS IN ACCORDANCE WITH UTILITY OWNER'S SPECIFICATIONS.
6. ALL HDPE PIPE, JOINTS AND FITTINGS SHALL BE ADS N-12 OR EQUAL. INSTALL PER MANUFACTURER'S SPECIFICATIONS.
7. ROOF DRAINS SHALL BE SCHEDULE 40 PVC OR ADS N-12 ST HDPE OR EQUAL AND HAVE A MINIMUM SLOPE OF 1% (UNLESS OTHERWISE SPECIFIED).
8. COORDINATE THE INSTALLATION OF THE STORM SEWER WITH THE INSTALLATION OF THE POTABLE WATER, COMMUNICATION, ELECTRIC, AND SANITARY SEWER TO AVOID CONFLICTS.
9. EARTHWORK SHALL BE PLACED TO FINISH GRADE IN THE IMMEDIATE AREA OF UTILITIES PRIOR TO CONSTRUCTION OF UTILITIES TO INSURE PROPER DEPTH OF COVER FOR UTILITIES.
10. ALL MATERIALS TO BE SUPPLIED AND LABOR TO BE DONE BY CONTRACTOR SHALL BE COMPLETED AS A PART OF THIS WORK, UNLESS STATED OTHERWISE.
11. ALL UTILITY SERVICE LINES SHALL BE KEPT IN SERVICE AND PROTECTED DURING CONSTRUCTION OPERATIONS. THE DRAWINGS INDICATE THE LOCATION OF KNOWN EXISTING UTILITY SERVICE LINES AS COULD BE DETERMINED.
12. ANY RELOCATION OF UTILITY SERVICE LINES THAT ARE REQUIRED TO COMPLETE THE PROJECT IS TO BE COMPLETED AS DESCRIBED IN THE CONSTRUCTION DOCUMENTS. WORK DUE TO UNFORESEEN UTILITY RELOCATIONS WILL BE PERFORMED UNDER AN ADDENDUM TO THE ORIGINAL CONTRACT.
13. ALL WATER, SEWER, FIBER OPTIC CABLE, GAS SERVICE AND OTHER UTILITY REQUIREMENTS SHALL BE COORDINATED WITH THE APPROPRIATE LOCAL UTILITY PROVIDERS PRIOR TO INSTALLATION. ALL COSTS ASSOCIATED WITH THE WATER, SEWER, FIBER OPTIC CABLE, GAS SERVICE ENTRANCE AND OTHER UTILITY REQUIREMENTS SHALL BE BORNE BY THE CONTRACTOR, INCLUDING THOSE COSTS, IF ANY, FROM THE LOCAL UTILITY PROVIDERS AND INCLUDE ALL COSTS ASSOCIATED WITH WORK PERFORMED BY THE LOCAL UTILITY PROVIDERS AND CONNECTION FEES INTO THEIR BID.

SITE GRADING NOTES

1. THE EXISTING UTILITY LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE AND MAY NOT INCLUDE ALL UTILITIES PRESENT. THE CONTRACTOR SHALL BE RESPONSIBLE TO CALL MISSOURI ONE CALL AT 1-800-344-7483 AND COORDINATE FIELD LOCATION OF EXISTING UNDERGROUND UTILITIES PRIOR TO BEGINNING SITE GRADING ACTIVITIES. DURING GRADING ACTIVITIES THE SUBCONTRACTOR SHALL FIELD VERIFY THE LOCATION OF EXISTING UTILITIES WHERE CONFLICTS MIGHT OCCUR. IF A CONFLICT BECOMES APPARENT THE CONTRACTOR SHALL CONTACT ENGINEER FOR DIRECTION. PRIOR TO COMMENCEMENT OF WORK, THE CONTRACTOR SHALL NOTIFY ALL THOSE UTILITY COMPANIES WHICH HAVE FACILITIES IN THE NEAR VICINITY OF THE CONSTRUCTION BEING PERFORMED.
2. SUBCONTRACTOR SHALL USE CAUTION AROUND ALL EXISTING UTILITIES LOCATED ON SITE. CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIRS OF SUCH STRUCTURES WHEN BROKEN OR OTHERWISE DAMAGED BY CONSTRUCTION.
3. SEDIMENT AND EROSION CONTROLS IN CONFORMANCE WITH THE EROSION CONTROL PLAN AND THE APPLICABLE SPECIFICATIONS SHALL BE INSTALLED PRIOR TO COMMENCEMENT OF SITE GRADING ACTIVITIES.
4. THE SUBGRADE FOR THE PROJECT SITE SHALL BE COMPACTED TO 95% STANDARD PROCTOR AS DETERMINED BY ASTM-D698. COMPACTION SHALL BE ACCOMPLISHED AT MOISTURE CONTENTS AS SPECIFIED IN THE FILL COMPACTION REQUIREMENTS ON PAGE 7 OF THE GEOTECHNICAL ENGINEER'S REPORT. ALL SOFT AREAS FOUND DURING COMPACTION SHALL BE REMEDIATED IN CONFORMANCE WITH THE GEOTECHNICAL ENGINEER'S REPORT.
5. STONES OR BOULDERS MEASURING GREATER THAN 12" IN ANY DIMENSION SHALL NOT BE PLACED IN THE UPPER 3 FEET OF THE FILL. IN STUMP HOLES, AROUND PIPE AND STRUCTURES AND IN OTHER RESTRICTED AREAS WHERE IT IS NOT PRACTICAL TO USE A ROLLER, THE MATERIAL SHALL BE COMPACTED BY HAND.
6. CONTRACTOR IS RESPONSIBLE FOR ADDRESSING AND CORRECTING UNSUITABLE SOIL CONDITIONS RELATED TO WET SOILS AND OTHER CONDITIONS. THE UNSUITABLE CONDITIONS MUST BE CORRECTED IN ACCORDANCE WITH THE EARTHWORK SECTION ON PAGE 5 OF THE GEOTECHNICAL ENGINEERING REPORT, WHERE REQUIRED, TO MEET PROJECT NEEDS.
7. CONTRACTOR SHALL NOTIFY THE OWNERS OR THEIR REPRESENTATIVE FOR INSPECTION PRIOR TO PLACEMENT OF CRUSHED STONE BASE AND ALSO PRIOR TO PLACEMENT OF PAVEMENT MATERIALS.
8. THE CONTOURS, SPOT ELEVATIONS AND BUILDING FLOOR ELEVATIONS SHOWN ARE TO FINISH GRADE FOR SURFACE OF PAVEMENT, TOP OF SIDEWALKS AND CURBS, TOP OF FLOOR SLABS ETC. REFER TO TYPICAL SECTIONS FOR PAVING, SLAB, AND AGGREGATE BASE THICKNESS TO DEDUCT FOR GRADING LINE ELEVATIONS.
9. SUBCONTRACTOR SHALL FINISH GRADE EARTH SLOPES AS SHOWN TO NO STEEPER THAN 1 FOOT VERTICAL TO 3 FEET HORIZONTAL.
10. SUBCONTRACTOR SHALL GRADE LANDSCAPED AREAS AT A MINIMUM OF 1% TO PROVIDE POSITIVE DRAINAGE AWAY FROM BUILDINGS AND SIDEWALKS WHEN FINISH LANDSCAPE MATERIALS ARE IN PLACE.
11. CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING ALL EARTHWORK QUANTITIES. CONTRACTOR SHALL PROVIDE ALL WORK AND MATERIALS AS SHOWN ON THE PLANS. NO EXTRA PAYMENT WILL BE MADE FOR OBTAINING FILL MATERIAL FROM OFF-SITE AREAS REQUIRED TO CONSTRUCT FILL TO THE LINES AND GRADES INDICATED ON THE DRAWINGS.
12. ALL DISTURBED AREAS, NOT RECEIVING PERMANENT STABILIZATION, SHALL HAVE 4" OF TOPSOIL REPLACED, TO LEAVE A SMOOTH SEEDBED SUITABLE TO RECEIVE SEED. SURFACE ROCK 1-1/2" OR GREATER IN ANY DIMENSION SHALL BE REMOVED FROM ALL FINISH GRADED AREAS. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SEEDING WORK.
13. THE SUBCONTRACTOR SHALL GRADE ALL AREAS DISTURBED DURING THE COMPLETION OF THIS PROJECT TO PREVENT PONDING OR EROSION ON THIS SITE OR ADJACENT UNDISTURBED AREAS.
14. ALL DISTURBED AREAS WITH SLOPES EXCEEDING 15% SHALL HAVE EROSION CONTROL BLANKETS INSTALLED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS AND THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.
15. ALL ITEMS REMOVED SHALL BE DISPOSED OFF SITE BY THE CONTRACTOR IN ACCORDANCE WITH REQUIREMENTS OF LOCAL AUTHORITIES.
16. PRIOR TO MOVING OFF THE PROJECT SITE, THE CONTRACTOR SHALL NOTIFY THE ENGINEER TO MAKE A FINAL REVIEW OF THE CONSTRUCTION SITE.
17. IN THE EVENT THAT BLASTING IS PERMITTED ON THE PROJECT, THE CONTRACTOR SHALL COMPLY WITH ALL LAWS, ORDINANCES, APPLICABLE SAFETY CODE REQUIREMENTS AND REGULATIONS RELATIVE TO THE HANDLING, STORAGE AND USE OF EXPLOSIVES AND THE PROTECTION OF LIFE AND PROPERTY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGE CAUSED BY HIS BLASTING OPERATIONS.

SAFETY NOTICE TO CONTRACTOR

1. IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR WILL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS OF THE JOB SITE, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING PERFORMANCE OF THE WORK. THIS REQUIREMENT WILL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS.
2. THE DUTY OF THE ENGINEER OR OWNER TO CONDUCT CONSTRUCTION REVIEW OF THE CONTRACTOR'S PERFORMANCE IS NOT INTENDED TO INCLUDE REVIEW OF THE ADEQUACY OF THE CONTRACTOR'S SAFETY MEASURES, IN, ON OR NEAR THE CONSTRUCTION SITE.

UTILITY DISCLAIMER

1. INFORMATION SHOWN ON THESE DRAWINGS CONCERNING TYPE AND LOCATION OF UNDERGROUND AND OTHER UTILITIES IS NOT GUARANTEED TO BE ACCURATE OR ALL INCLUSIVE. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIS OWN DETERMINATION AS TO TYPE AND LOCATION OF UNDERGROUND AND OTHER UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE THERETO.

USE OF CONSTRUCTION DOCUMENTS

1. DRAWINGS AND SPECIFICATIONS ARE PROVIDED AS A SERVICE. DRAWINGS AND SPECIFICATIONS ARE NOT INTENDED FOR USE ON OTHER PROJECTS AT THIS SITE OR OTHER SITES WITHOUT WRITTEN APPROVAL OF THE ENGINEER.
2. DRAWING REPRODUCTION AND SCALING MAY ALTER THE INDICATED GRAPHIC SCALES.

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STATE OF MISSOURI
DAVID CORY GARRETT
NUMBER PE-2018000202
PROFESSIONAL ENGINEER
6.11.2021

DAVID CORY GARRETT - ENGINEER
MO# PE-2018000202
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MISSOURI STATE CERTIFICATE OF AUTHORITY NUMBER A-2016000415
PARAGON
ARCHITECTURE
637 COLLEGE STREET, SPRINGFIELD, MO 65806
PH: 417.885.0002
www.paragonarchitecture.com

SHEET NUMBER: **C001**
General Notes

PROJECT DESCRIPTION: Barry-Lawrence Regional Library
Project Address

PROJECT NUMBER: 19-556
DATE: 06/11/2021
PROJECT ARCHITECT: JAY
DRAWN BY: RMM
CHECKED BY: DCG

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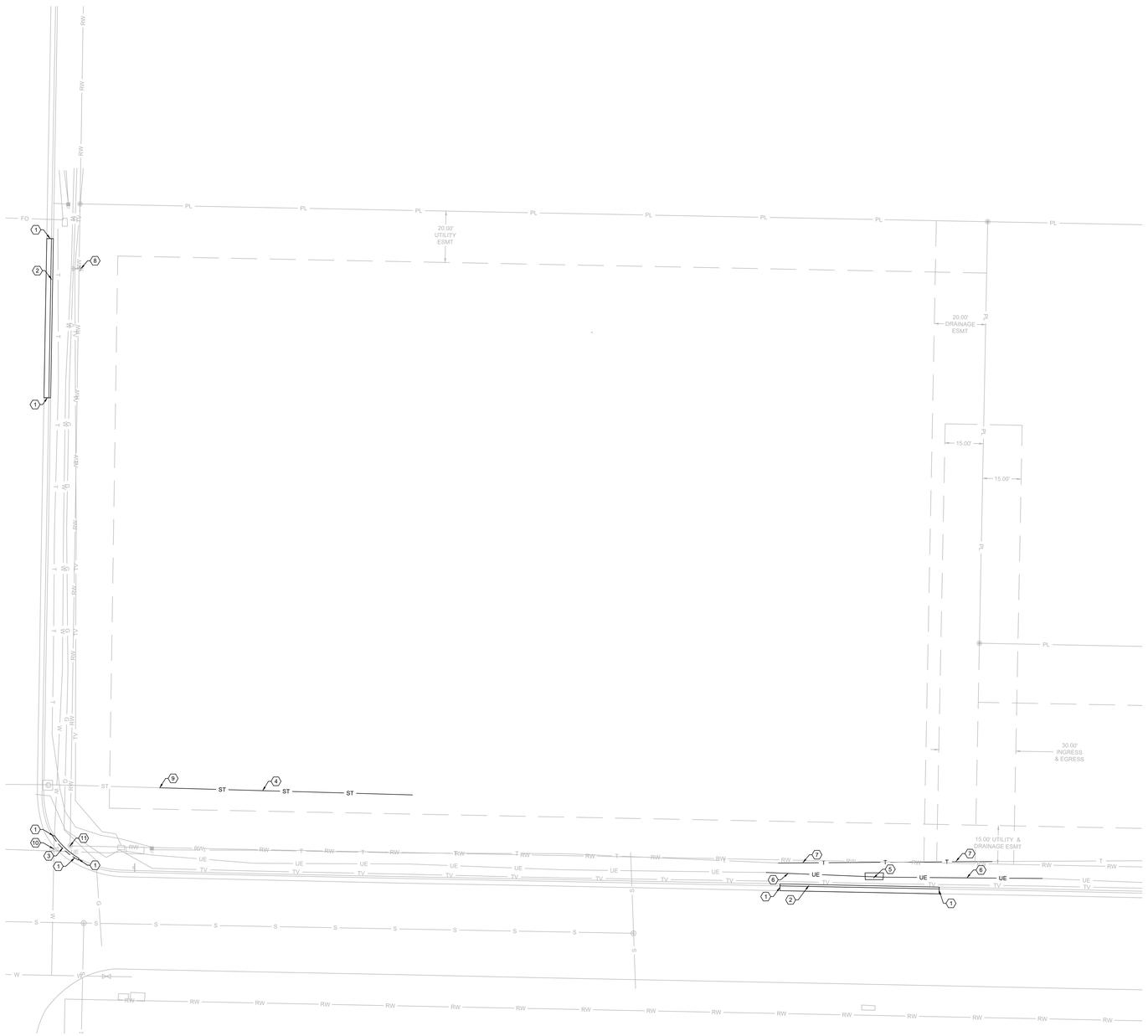

HATCH LEGEND:

= CONCRETE CURB AND GUTTER TO BE REMOVED.

KEY NOTES:

1. SAWCUT CLEAN LINE FOR PAVEMENT REMOVAL.
2. REMOVE 62 ± LF OF CURB AND GUTTER FOR ENTRANCE INSTALLATION.
3. REMOVE 13 ± LF OF CURB FOR CURB RAMP INSTALLATION.
4. REMOVE 100 ± LF OF 18-INCH STORMWATER PIPE. COORDINATE REMOVAL WORK WITH CITY OF MONETT PUBLIC WORKS DEPARTMENT. CITY TO RETAIN SALVAGE RIGHTS TO REMOVED PIPE.
5. ELECTRICAL BOX TO BE RELOCATED BY UTILITY PROVIDER. REFER TO MEP PLANS FOR DETAILS AND SPECIFICATIONS. CONTRACTOR TO COORDINATE WORK WITH UTILITY PROVIDER.
6. ELECTRIC UTILITY TO REMOVE AND RELOCATE ELECTRIC LINES AS SHOWN ON UTILITY PLAN, SHEET C401. REFER TO MEP PLANS FOR FURTHER DETAILS. CONTRACTOR TO COORDINATE WORK WITH UTILITY PROVIDER.
7. COMMUNICATION PROVIDER TO REMOVE AND RELOCATE COMMUNICATION LINES AS SHOWN ON UTILITY PLAN, SHEET C401. REFER TO MEP PLANS FOR FURTHER DETAILS. CONTRACTOR TO COORDINATE WORK WITH UTILITY PROVIDER.
8. EXISTING FIRE HYDRANT IN CLOSE PROXIMITY TO PROPOSED DRIVE. PROTECT DURING CONSTRUCTION.
9. CUT PIPE AS SHOWN FOR PLACEMENT INTO NEW JUNCTION BOX SHOWN ON STORMWATER PLAN, SHEET C501.
10. EXISTING WATER VALVE IN CLOSE PROXIMITY TO PROPOSED RAMP. PROTECT DURING CONSTRUCTION.
11. EXISTING PROPERTY MARKER. DO NOT DISTURB. IF MARKER IS DISTURBED DURING CONSTRUCTION, MARKER TO BE REPLACED BY A SURVEYOR LICENSED IN THE STATE OF MISSOURI AT THE CONTRACTOR'S EXPENSE.

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H. SCALE: 1" = 20'

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STATE OF MISSOURI
DAVID CORY GARRETT
NUMBER PE-2010000202
PROFESSIONAL ENGINEER
6 / 1 / 2021

DAVID CORY GARRETT - ENGINEER
MO# PE-2010000202

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PROJECT DESCRIPTION:

Barry-Lawrence Regional Library

SHEET NUMBER:

C101
Demo Plan

PROJECT NUMBER
19-556

DATE:
06/11/2021

Project Address

PROJECT ARCHITECT: JAY
DRAWN BY: RMM
CHECKED BY: DCG

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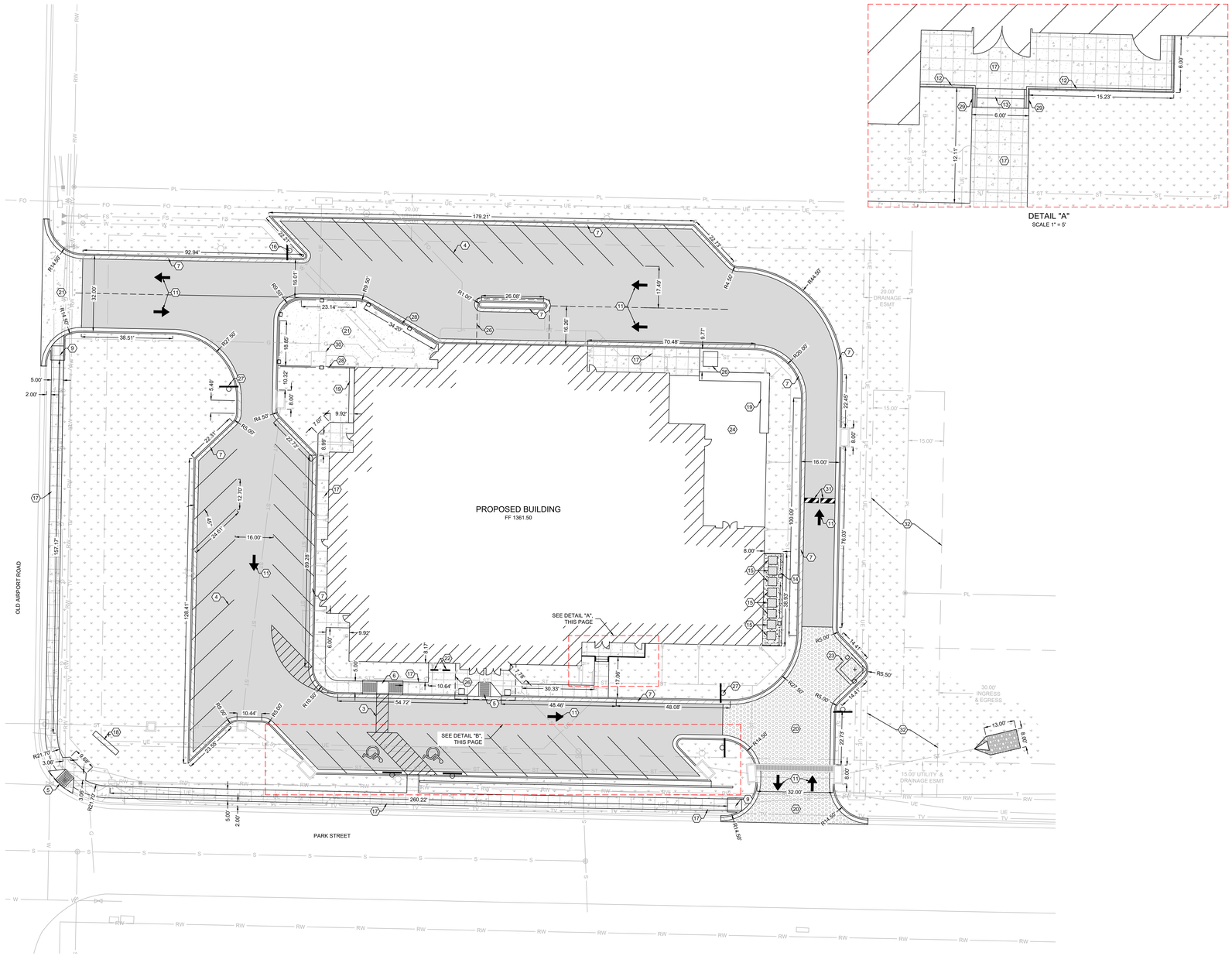
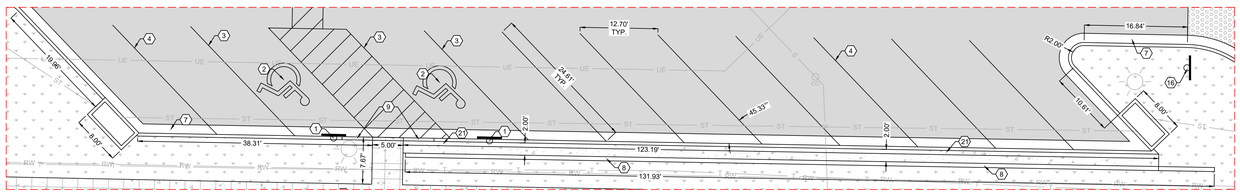


DETAIL "A"
SCALE 1" = 5'



DETAIL "B"
SCALE 1" = 10'

HATCH LEGEND:

- = ASPHALT PAVEMENT. PER DETAILS SHEET C701.
- = CONCRETE SIDEWALK. PER DETAILS SHEET C701.
- = LIGHT DUTY CONCRETE PAVEMENT, PER DETAILS SHEET C701.
- = HEAVY DUTY CONCRETE PAVEMENT. PER DETAILS SHEET C701.
- = SPILL CURB. PER DETAILS SHEET C701.
- = GRAVEL PAVEMENT. PER DETAILS SHEET C701.
- = RIP-RAP PAD PER DETAIL SHEET C701.
- = LAWN RESTORATION. INSTALL TOPSOIL, SEED, & MULCH IN ACCORDANCE WITH PROJECT SPECIFICATIONS, (EXTENTS SHOWN DO NOT NECESSARY REFLECT FULL EXTENTS OF RESTORATION REQUIRED. CONTRACTOR SHALL RESTORE ALL DISTURBED AREAS.

PARKING SCHEDULE NOTES:

TOTAL PARKING PROVIDED: 43 SPACES

ACCESSIBLE PARKING SPACES REQUIRED = 2 SPACES
ACCESSIBLE PARKING SPACES PROVIDED = 2 SPACES

KEY NOTES:

1. ADA ACCESSIBLE PARKING SIGN, TYPICAL PER DETAIL SHEET C701. ONE (1) STALL TO BE MARKED AS VAN ACCESSIBLE.
2. BLUE PAINTED ACCESSIBLE PARKING SYMBOL, PER DETAIL SHEET C701.
3. 4" SOLID BLUE PAVEMENT MARKINGS FOR ACCESSIBLE PARKING STALLS.
4. 4" SOLID WHITE PARKING STALL PAINT STRIPE, TYPICAL.
5. TYPE 1 CURB RAMP PER DETAIL SHEET C701.
6. TYPE 2 CURB RAMP PER DETAIL SHEET C701.
7. CONCRETE CURB AND GUTTER PER DETAIL SHEET C701. SPILL CURB IN LOCATIONS INDICATED ON SITE PLAN.
8. 132 ± LF CAST IN PLACE, 8-INCH THICK, CONCRETE RETAINING WALL PER STRUCTURAL DETAILS AND SPECIFICATIONS.
9. CURB TRANSITION PER DETAIL SHEET C701.
10. SMALL RADIUS PERPENDICULAR CURB RAMP, PER DETAIL SHEET C701.
11. PAVEMENT MARKING ARROWS PER DETAIL, SHEET C701.
12. HANDRAIL PER DETAILS, SHEET C701.
13. CONCRETE STAIRS PER DETAIL, SHEET C701.
14. 53 ± LF WOODEN SCREEN FENCE AND GATE, PER ARCHITECTURAL DETAILS AND SPECIFICATIONS. INSTALL GATE AT LOCATION SPECIFIED BY OWNER.
15. CONCRETE EQUIPMENT PAD PER MEP SPECIFICATIONS. INSTALL GRAVEL PAVEMENT AROUND CONCRETE PADS WITHIN FENCED AREA PER DETAIL, SHEET C701.
16. INSTALL 'DO NOT ENTER' SIGN PER DETAIL, SHEET C702.
17. INSTALL SIDEWALK PER DETAILS, SHEET C701.
18. INSTALL MONUMENT SIGN PER ARCHITECTURAL DETAILS AND SPECIFICATIONS.
19. PLANTER PER ARCHITECTURAL DETAILS AND SPECIFICATIONS.
20. INSTALL HEAVY DUTY CONCRETE PAVEMENT PER DETAILS, SHEET C701.
21. INSTALL LIGHT DUTY CONCRETE PAVEMENT PER DETAILS, SHEET C701.
22. INSTALL BICYCLE RACK PER DETAILS, SHEET C701. EACH BICYCLE RACK TO BE SIZED FOR 5 BICYCLES.
23. TRASH ENCLOSURE PER ARCHITECTURAL DETAILS AND SPECIFICATIONS.
24. EXTERIOR CONCRETE SLAB PER STRUCTURAL DETAILS AND SPECIFICATIONS.
25. DASHED LINE DENOTES BUILDING CANOPY.
26. BOOKDROP PER ARCHITECTURAL DETAILS AND SPECIFICATIONS.
27. INSTALL 'BOOKDROP AHEAD' SIGN PER DETAILS, SHEET C701.
28. 128 ± LF WOODEN SCREEN FENCE AND GATE, PER ARCHITECTURAL DETAILS AND SPECIFICATIONS. INSTALL GATE AT LOCATION SPECIFIED BY OWNER.
29. 2 ± LF CAST IN PLACE, 8-INCH THICK, CONCRETE RETAINING WALL PER STRUCTURAL DETAILS AND SPECIFICATIONS.
30. CONCRETE PAD FOR ELECTRICAL TRANSFORMER, PER MEP DETAILS AND SPECIFICATIONS.
31. 2 6-FOOT RUBBER BOLT DOWN SPEED BUMPS WITH END CAPS. CONTRACTOR TO VERIFY EXACT LOCATION WITH OWNER PRIOR TO INSTALLATION.
32. EXISTING INGRESS AND EGRESS EASEMENT SHALL BE KEPT CLEAR AND OPEN FOR USE BY ADJACENT PROPERTY OWNER. NO PERMANENT STRUCTURE SHALL BE CONSTRUCTED WITHIN THE EASEMENT.

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STATE OF MISSOURI
DAVID CORY GARRETT
NUMBER PE-2010020202
PROFESSIONAL ENGINEER
6 | 1 | 2021

DAVID CORY GARRETT - ENGINEER
MO# PE-2010020202
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www.paragonarchitecture.com

PROJECT DESCRIPTION:
Barry-Lawrence Regional Library
Project Address

PROJECT ARCHITECT: JAY
DRAWN BY: RMM
CHECKED BY: DGG

SHEET NUMBER:
C201
Site Plan

PROJECT NUMBER:
19-556

DATE:
06/11/2021

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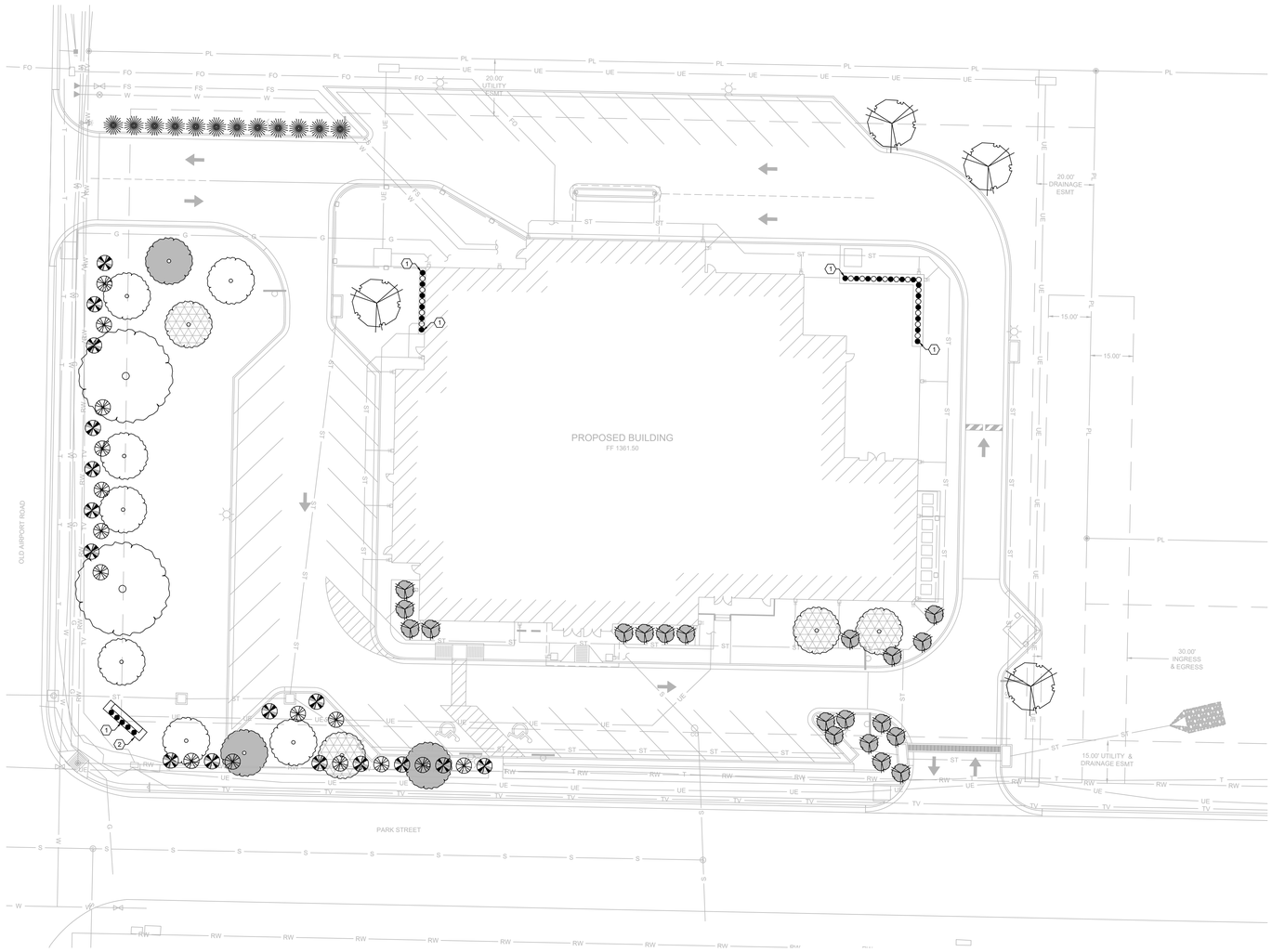
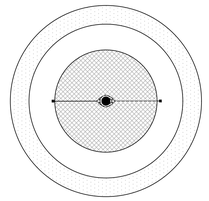


GENERAL LANDSCAPING NOTES

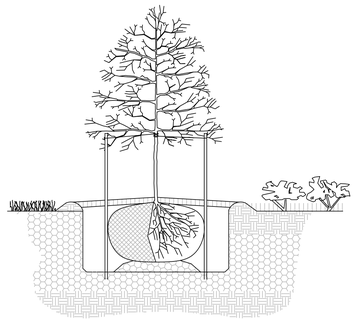
1. EVERGREEN TREES MAY BE SUBSTITUTED FOR UNDERSTORY TREES SHOWN ON THIS SHEET.
2. CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITY LINES AND OTHER ABOVE OR BELOW GROUND OBSTRUCTIONS SO THAT PROPER PRECAUTIONS SHALL BE TAKEN NOT TO DISTURB OR DAMAGE SUCH IMPROVEMENTS.
3. STANDARDS SET FORTH IN "AMERICAN STANDARDS FOR NURSERY STOCK" REPRESENT GENERAL GUIDELINE SPECIFICATIONS ONLY AND WILL CONSTITUTE MIN. QUALITY REQUIREMENTS FOR PLANT MATERIAL.
4. THE ARCHITECT OR OWNER'S REPRESENTATIVE RESERVES THE RIGHT TO REJECT ANY PLANT MATERIAL NOT MEETING SPECIFICATIONS.
5. ALL TREES SHALL BE CALIPERED AND UNDERSIZED TREES SHALL BE REJECTED.
6. SPECIFIED CALIPER MEASUREMENT FOR TREES SHALL BE MEASURED AT 6" ABOVE THE GRADE.
7. ANY MATERIAL WHICH DIES OR DEFOLIATES PRIOR TO ACCEPTANCE OF THE WORK SHALL BE PROMPTLY REMOVED AND REPLACED.
8. CONTRACTOR IS RESPONSIBLE FOR SOIL SAMPLING AND TESTING TO DETERMINE EXACT FERTILIZER REQUIREMENTS.
9. PLANTS AND OTHER MATERIALS ARE QUANTIFIED AND SUMMARIZED FOR THE CONVENIENCE OF THE CITY AND LOCAL GOVERNING BODIES. CONFIRM AND INSTALL SUFFICIENT QUANTITIES TO COMPLETE THE WORK AS DRAWN.
10. BACKFILL TREE AND SHRUB PITS WITH A PREPARED PLANTING MIX AS FOLLOWS U.N.O.:
    A. 2 PARTS BY VOLUME TOPSOIL.
    B. 1 PART BY VOLUME BROWN RIVER SAND.
    C. 1 PART BY VOLUME PEAT MOSS.
    D. 1 LB. COMMERCIAL FERTILIZER PER C.Y. OF MIX.
11. ALL TREE PITS SHALL RECEIVE A MINIMUM OF 24" OF THE SPECIFIED PLANTING MIX.
12. ALL PLANTINGS SHALL BE MULCHED WITH A 3"-4" LAYER OF SHREDDED HARDWOOD MULCH AFTER INSTALLATION OF PLANT MATERIAL.
13. ALL SHRUB PLANTING MATERIAL SHALL MEASURE A MIN. OF 18" IN HEIGHT AT THE TIME OF PLANTING.
14. THE PLAN IS SUBJECT TO CHANGES BASED ON PLANT SIZE AND MATERIAL AVAILABILITY. ANY DEVIATION TO THE APPROVED FINAL LANDSCAPING PLAN SHALL REQUIRE THE WRITTEN APPROVAL OF THE ARCHITECT PRIOR TO INSTALLATION.
15. KILL AND REMOVE ALL EXISTING WEEDS FROM THE SITE AREA PRIOR TO PLANTING.
16. REFER TO SITE GRADING PLAN FOR FINISH GRADES.
17. THE CONTRACTOR IS RESPONSIBLE FOR COMPLETELY MAINTAINING THE WORK (INCLUDING BUT NOT LIMITED TO: WATERING, MULCHING, SPRAYING, FERTILIZING, ETC.) OF ALL PLANTINGS UNTIL TOTAL ACCEPTANCE OF THE WORK BY THE ARCHITECT AND OWNER.
18. CONTRACTOR WILL STAKE OR MARK ALL PLANT MATERIAL LOCATIONS PRIOR TO INSTALLATION. CONTRACTOR SHALL HAVE OWNER'S REPRESENTATIVE APPROVE ALL STAKING PRIOR TO INSTALLATION.
19. THE CONTRACTOR SHALL COMPLETELY GUARANTEE ALL WORK FOR A PERIOD OF ONE YEAR BEGINNING AT THE DATE OF SUBSTANTIAL COMPLETION. CONTRACTOR TO VERIFY EXACT LOCATION WITH OWNER PRIOR TO INSTALLATION.CONTRACTOR SHALL MAKE ALL REPLACEMENTS PROMPTLY (AS PER DIRECTION OF OWNER).
20. THE ENTIRE SURFACE TO BE SEEDED SHALL BE REASONABLY SMOOTH AND FREE FROM STONES, ROOTS, OR OTHER DEBRIS.
21. PERMANENT SEEDING SEASON RUNS FROM MARCH 1ST TO JUNE 1ST AND SEPTEMBER 15TH TO NOVEMBER 1ST. SEEDING AND MULCHING MUST BE DONE WHENEVER WORK IS COMPLETE REGARDLESS OF THE SEASON. WHENEVER SEEDING AND MULCH IS INSTALLED OUTSIDE THE PERMANENT SEEDING SEASON, THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPLANTING AND MULCHING ANY AREAS WHERE GROWTH HAS NOT BECOME ESTABLISHED DURING THE NEXT PERMANENT SEASON.
22. REFER TO SITE PLAN FOR GROUND COVERING REQUIREMENTS.



PLAN

NOTE:
1.BACKFILL AROUND ROOT BALL IN 6"-8" LAYERS WATERING EACH LAYER UNTIL SETTLED TO AVOID AIR POCKETS.

2.LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL OF TREE STABILIZATION AT THE END OF THE SECOND GROWING SEASON.



TREE PLANTING DETAIL

SCALE NONE

PLANTING KEY

- = RED MAPLE
- = JAPANESE MAPLE - CRIMSON
- = JAPANESE MAPLE - PINK
- = DOGWOOD
- = JAPANESE MAPLE - WHITE
- = BURNING BUSH
- = DWARF NANDINA
- = STEEPLEBUSH
- = BARBERRY
- = MONKEY GRASS
- = DAY LILLIES - YELLOW

PLANTING LIST

TYPE	COMMON NAME (SCIENTIFIC NAME)	QUANTITY REQUIRED	QUANTITY PROVIDED	CONDITION AND SIZE	MATURE SIZE (HT x SP)
	CANOPY TREES	2	2		HT x SP
RM	RED MAPLE (ACER RUBRUM)		2	2 ½ " CAL. B&B	50'X40'
	UNDERSTORY TREES	18	18		
JMC	JAPANESE MAPLE - CRIMSON (ACER PALMATUM)		3	1 ½ " CAL. B&B	20'X20'
JMP	JAPANESE MAPLE - PINK (ACER PALMATUM)		4	1 ½ " CAL. B&B	20'X20'
JMW	JAPANESE MAPLE - WHITE (ACER PALMATUM)		7	1 ½ " CAL. B&B	20'X20'
DW	DOGWOOD (CORNUS FLORIDA)		4	1 ½ " CAL. B&B	20'X20'
	SHRUBS	44	62		
BB	BURNING BUSH (EUONYMUS ALATUS)		14		4'X4'
DN	DWARF NANDINA (NANDINA DOMESTICA)		20		2'X3'
SB	STEEPLEBUSH (SPIRAEA TOMENTOSA)		16		4'X4'
BA	BARBERRY (BERBERIS THUNBERGII)		12		4'X5'
	GRASSES/FLOWERS				
MG	MONKEY GRASS (OPHIOPOGON JAPONICUS)		20		
DL	DAY LILLIES (HEMEROCALLIS LILIOASPHODELUS)		18		

KEY NOTES:

1. PLANTS INSTALLED IN PLANTER 2 FEET O.C. PLANT VARIETY PER TABLE.
2. 2-FOOT WIDE PLANTER BED AROUND MONUMENT SIGN. COORDINATE PLANTER MATERIAL AND CONSTRUCTION WITH OWNER.

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DAVID CORY GARRETT
NUMBER PE-2010000202
PROFESSIONAL ENGINEER
6 / 1 / 2021

DAVID CORY GARRETT - ENGINEER
MO# PE-2010000202

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MISSOURI STATE CERTIFICATE OF AUTHORITY NUMBER A-2016003415

PROJECT DESCRIPTION:
Barry-Lawrence Regional Library

SHEET NUMBER:
C202
Landscaping Plan

PROJECT NUMBER:
19-556

DATE:
06/11/2021

Project Address

PROJECT ARCHITECT: JAY
DRAWN BY: RMM
CHECKED BY: DCG

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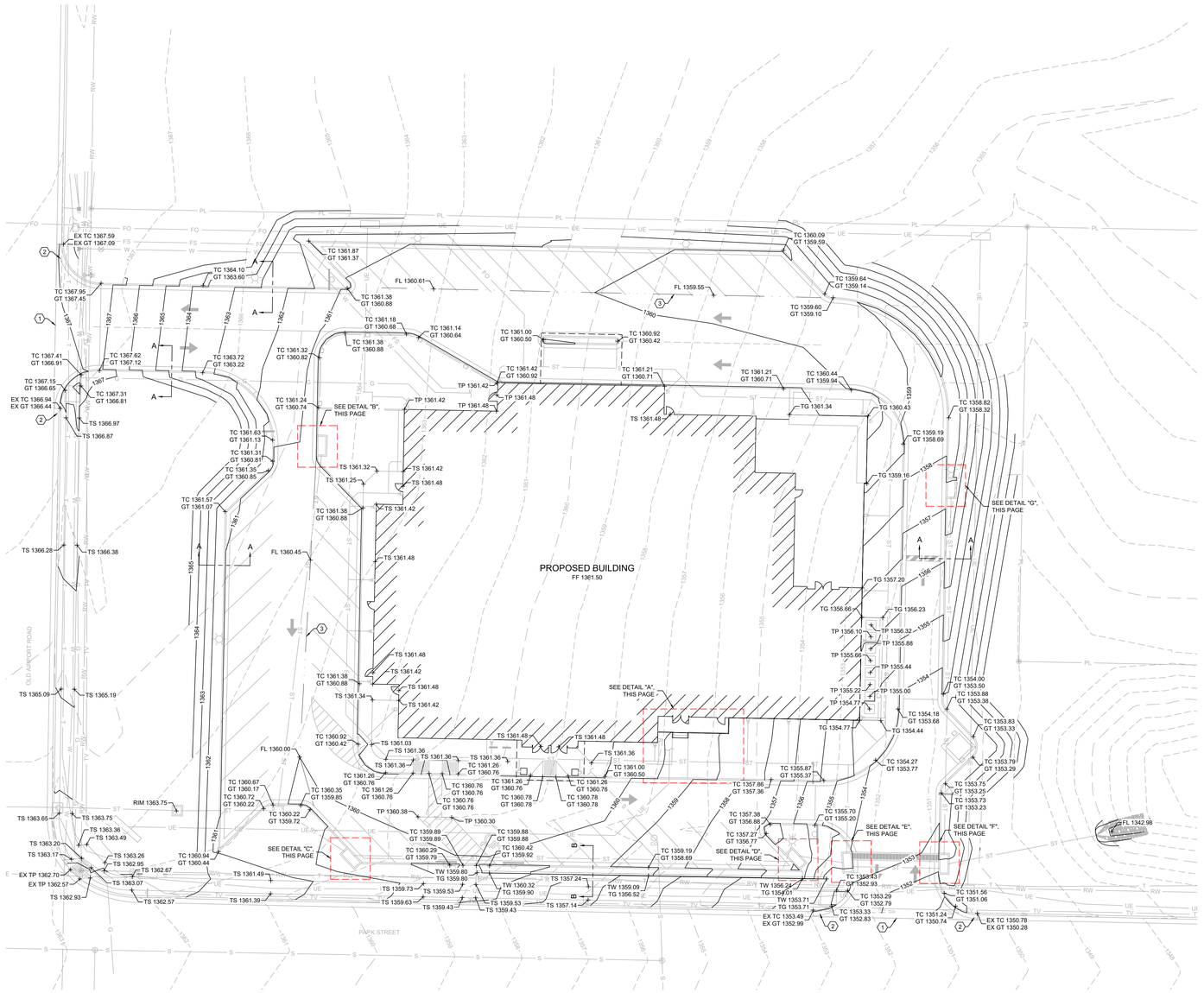
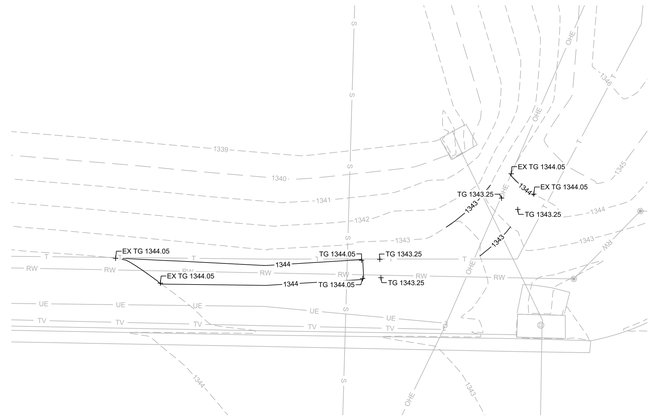




DETENTION BASIN BERM MODIFICATION
SCALE 1" = 10'

ABBREVIATIONS

BC	BACK OF CURB
CC	STANDARD CATCH CURB
CL	CENTER LINE
CMP	CORRUGATED METAL PIPE
EP	EDGE OF PAVEMENT
FES	FLARED END SECTION
FL	FLOW LINE
GT	GUTTER INVERT
GY	GUY WIRE
HDPE	HIGH DENSITY POLYETHYLENE
INV	INVERT
LF	LINEAR FEET
MC	MOUNTABLE CURB
PVC	POLYVINYL CHLORIDE PIPE
R/W	RIGHT-OF-WAY
RCP	REINFORCED CONCRETE PIPE
SC	SPILL CURB
TB	TOP OF BASE ROCK
TC	TOP OF CURB
TG	TOP OF GROUND
TP	TOP OF PAVEMENT
TS	TOP OF SIDEWALK
TW	TOP OF WALL
EX TP	EXISTING TOP OF PAVEMENT
EX TS	EXISTING TOP OF SIDEWALK

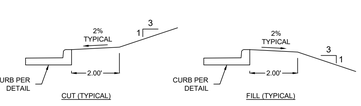
CUT/FILL

NOTE: CUT/FILL QUANTITIES SHOWN ARE ESTIMATES TO THE BOTTOM OF AGGREGATE BASE, BELOW PAVEMENT AND BUILDING SLAB. QUANTITIES SHOWN MAY NOT REFLECT CONDITIONS ENCOUNTERED IN THE FIELD.

VOLUME SUMMARY		
CUT	FILL	NET
3620 CY	3600 CY	20 CY CUT

KEY NOTES:

1. MATCH NEW DRIVE ENTRANCE ELEVATION TO EXISTING ROAD PAVEMENT.
2. ENSURE GUTTER FLOW IS MAINTAINED IN A MANNER CONSISTENT WITH PRE-PROJECT CONDITIONS.
3. FLOWLINE IN PAVEMENT TO PROMOTE STORMWATER DRAINAGE.



SECTION A-A DETAIL
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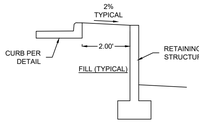

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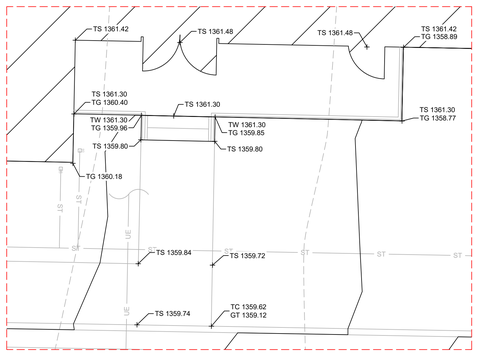

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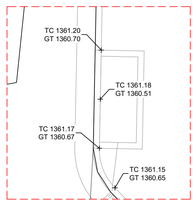

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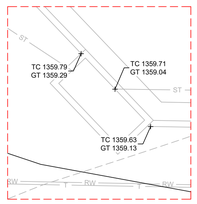

DETAIL "C"
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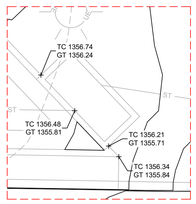

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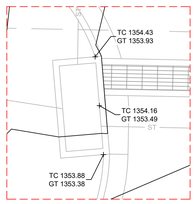

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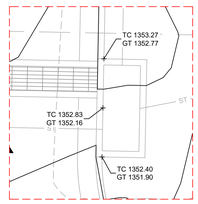
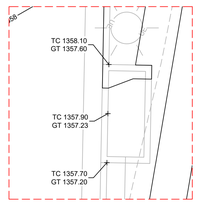
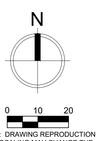
SCALE 1" = 5'



DETAIL "F"
SCALE 1" = 5'



DETAIL "G"
SCALE 1" = 5'



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PROJECT DESCRIPTION:
Barry-Lawrence Regional Library

SHEET NUMBER:
C301
Grading Plan

PROJECT NUMBER:
19-556

DATE:
06/11/2021

Project Address

PROJECT ARCHITECT: JAY
DRAWN BY: RMM
CHECKED BY: DGS

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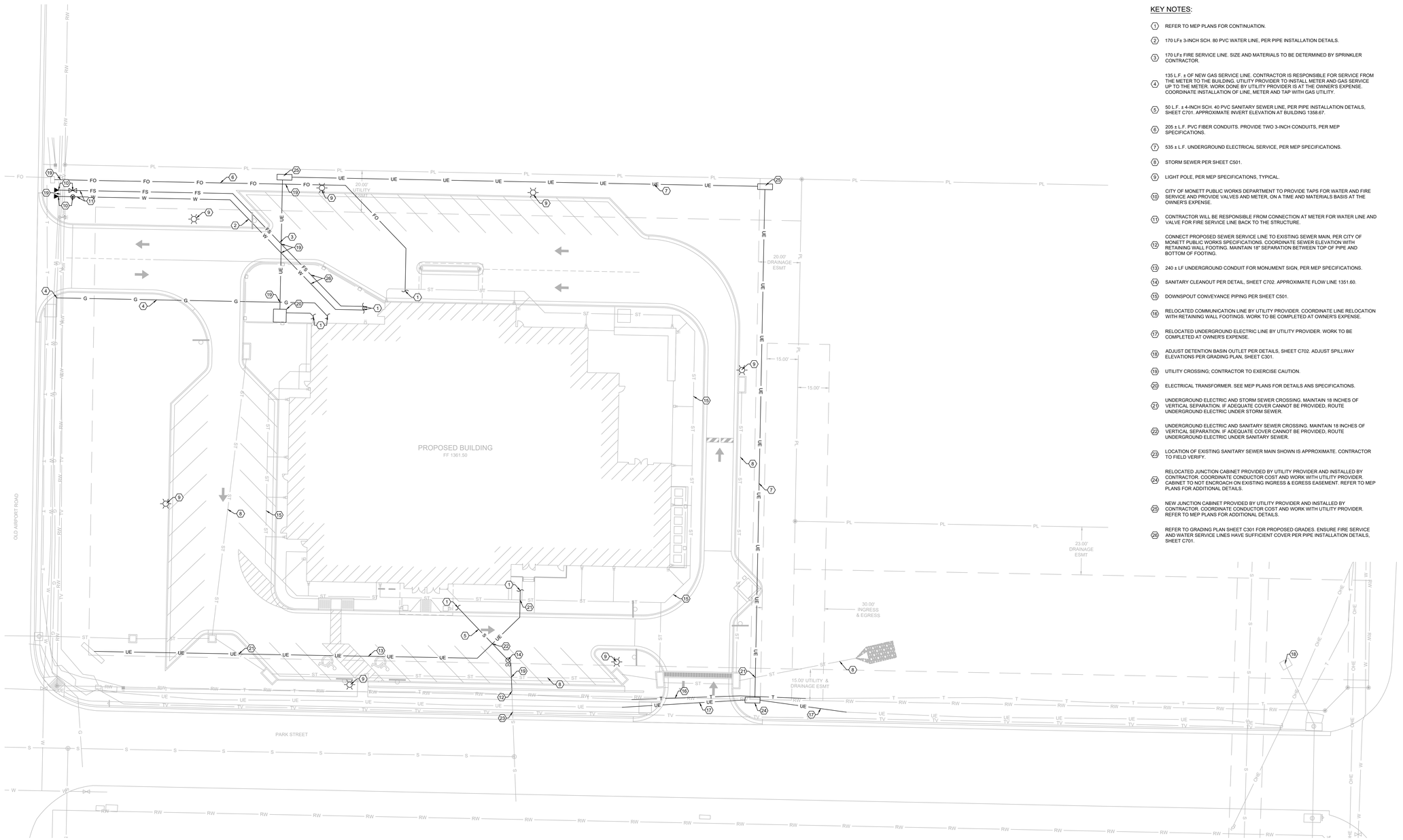

KEY NOTES:

1. REFER TO MEP PLANS FOR CONTINUATION.
2. 170 LF± 3-INCH SCH. 80 PVC WATER LINE, PER PIPE INSTALLATION DETAILS.
3. 170 LF± FIRE SERVICE LINE. SIZE AND MATERIALS TO BE DETERMINED BY SPRINKLER CONTRACTOR.
4. 135 L.F. ± OF NEW GAS SERVICE LINE. CONTRACTOR IS RESPONSIBLE FOR SERVICE FROM THE METER TO THE BUILDING. UTILITY PROVIDER TO INSTALL METER AND GAS SERVICE UP TO THE METER. WORK DONE BY UTILITY PROVIDER IS AT THE OWNER'S EXPENSE. COORDINATE INSTALLATION OF LINE, METER AND TAP WITH GAS UTILITY.
5. 50 L.F. ± 4-INCH SCH. 40 PVC SANITARY SEWER LINE, PER PIPE INSTALLATION DETAILS, SHEET C701. APPROXIMATE INVERT ELEVATION AT BUILDING 1358.67.
6. 205 ± L.F. PVC FIBER CONDUITS. PROVIDE TWO 3-INCH CONDUITS, PER MEP SPECIFICATIONS.
7. 535 ± L.F. UNDERGROUND ELECTRICAL SERVICE, PER MEP SPECIFICATIONS.
8. STORM SEWER PER SHEET C501.
9. LIGHT POLE, PER MEP SPECIFICATIONS, TYPICAL.
10. CITY OF MONETT PUBLIC WORKS DEPARTMENT TO PROVIDE TAPS FOR WATER AND FIRE SERVICE AND PROVIDE VALVES AND METER, ON A TIME AND MATERIALS BASIS AT THE OWNER'S EXPENSE.
11. CONTRACTOR WILL BE RESPONSIBLE FROM CONNECTION AT METER FOR WATER LINE AND VALVE FOR FIRE SERVICE LINE BACK TO THE STRUCTURE.
12. CONNECT PROPOSED SEWER SERVICE LINE TO EXISTING SEWER MAIN, PER CITY OF MONETT PUBLIC WORKS SPECIFICATIONS. COORDINATE SEWER ELEVATION WITH RETAINING WALL FOOTING. MAINTAIN 18" SEPARATION BETWEEN TOP OF PIPE AND BOTTOM OF FOOTING.
13. 240 ± LF UNDERGROUND CONDUIT FOR MONUMENT SIGN, PER MEP SPECIFICATIONS.
14. SANITARY CLEANOUT PER DETAIL, SHEET C702. APPROXIMATE FLOW LINE 1351.60.
15. DOWNSPOUT CONVEYANCE PIPING PER SHEET C501.
16. RELOCATED COMMUNICATION LINE BY UTILITY PROVIDER. COORDINATE LINE RELOCATION WITH RETAINING WALL FOOTINGS. WORK TO BE COMPLETED AT OWNER'S EXPENSE.
17. RELOCATED UNDERGROUND ELECTRIC LINE BY UTILITY PROVIDER. WORK TO BE COMPLETED AT OWNER'S EXPENSE.
18. ADJUST DETENTION BASIN OUTLET PER DETAILS, SHEET C702. ADJUST SPILLWAY ELEVATIONS PER GRADING PLAN, SHEET C301.
19. UTILITY CROSSING; CONTRACTOR TO EXERCISE CAUTION.
20. ELECTRICAL TRANSFORMER. SEE MEP PLANS FOR DETAILS ANS SPECIFICATIONS.
21. UNDERGROUND ELECTRIC AND STORM SEWER CROSSING. MAINTAIN 18 INCHES OF VERTICAL SEPARATION. IF ADEQUATE COVER CANNOT BE PROVIDED, ROUTE UNDERGROUND ELECTRIC UNDER STORM SEWER.
22. UNDERGROUND ELECTRIC AND SANITARY SEWER CROSSING. MAINTAIN 18 INCHES OF VERTICAL SEPARATION. IF ADEQUATE COVER CANNOT BE PROVIDED, ROUTE UNDERGROUND ELECTRIC UNDER SANITARY SEWER.
23. LOCATION OF EXISTING SANITARY SEWER MAIN SHOWN IS APPROXIMATE. CONTRACTOR TO FIELD VERIFY.
24. RELOCATED JUNCTION CABINET PROVIDED BY UTILITY PROVIDER AND INSTALLED BY CONTRACTOR. COORDINATE CONDUCTOR COST AND WORK WITH UTILITY PROVIDER. CABINET TO NOT ENCROACH ON EXISTING INGRESS & EGRESS EASEMENT. REFER TO MEP PLANS FOR ADDITIONAL DETAILS.
25. NEW JUNCTION CABINET PROVIDED BY UTILITY PROVIDER AND INSTALLED BY CONTRACTOR. COORDINATE CONDUCTOR COST AND WORK WITH UTILITY PROVIDER. REFER TO MEP PLANS FOR ADDITIONAL DETAILS.
26. REFER TO GRADING PLAN SHEET C301 FOR PROPOSED GRADES. ENSURE FIRE SERVICE AND WATER SERVICE LINES HAVE SUFFICIENT COVER PER PIPE INSTALLATION DETAILS, SHEET C701.

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PROFESSIONAL ENGINEER
6 / 1 / 2021

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637 COLLEGE STREET, SPRINGFIELD, MO 65806
PH: 417.885.0002
www.paragonarchitecture.com

PROJECT DESCRIPTION:
Barry-Lawrence Regional Library

Project Address

PROJECT ARCHITECT: JAY
DRAWN BY: RMM
CHECKED BY: DCG

PROJECT NUMBER: 19-556

DATE: 06/11/2021

SHEET NUMBER:
C401
Utility Plan

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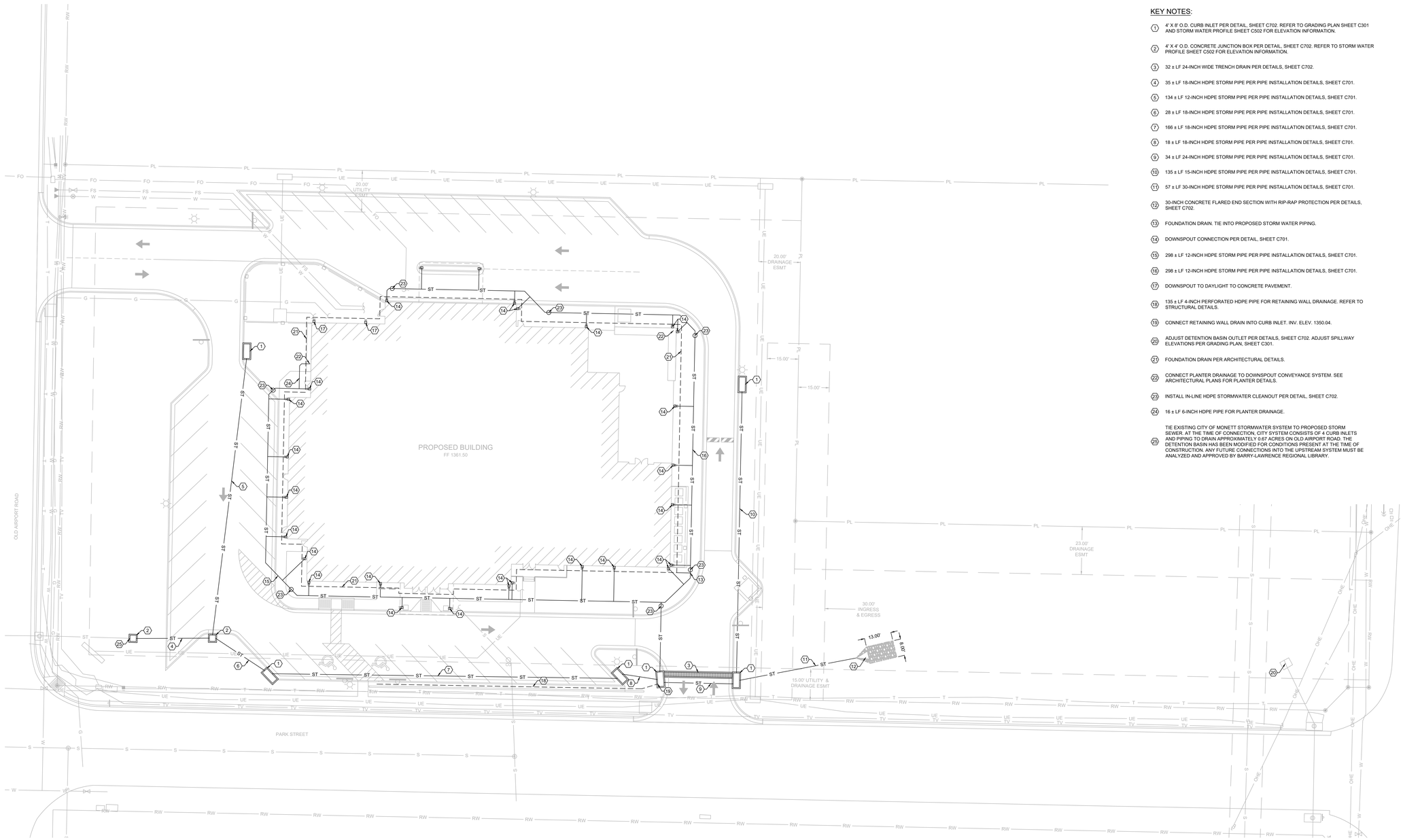

KEY NOTES:

1. 4' X 8' O.D. CURB INLET PER DETAIL, SHEET C702. REFER TO GRADING PLAN SHEET C301 AND STORM WATER PROFILE SHEET C502 FOR ELEVATION INFORMATION.
2. 4' X 4' O.D. CONCRETE JUNCTION BOX PER DETAIL, SHEET C702. REFER TO STORM WATER PROFILE SHEET C502 FOR ELEVATION INFORMATION.
3. 32 ± LF 24-INCH WIDE TRENCH DRAIN PER DETAILS, SHEET C702.
4. 35 ± LF 18-INCH HDPE STORM PIPE PER PIPE INSTALLATION DETAILS, SHEET C701.
5. 134 ± LF 12-INCH HDPE STORM PIPE PER PIPE INSTALLATION DETAILS, SHEET C701.
6. 28 ± LF 18-INCH HDPE STORM PIPE PER PIPE INSTALLATION DETAILS, SHEET C701.
7. 166 ± LF 18-INCH HDPE STORM PIPE PER PIPE INSTALLATION DETAILS, SHEET C701.
8. 18 ± LF 18-INCH HDPE STORM PIPE PER PIPE INSTALLATION DETAILS, SHEET C701.
9. 34 ± LF 24-INCH HDPE STORM PIPE PER PIPE INSTALLATION DETAILS, SHEET C701.
10. 135 ± LF 15-INCH HDPE STORM PIPE PER PIPE INSTALLATION DETAILS, SHEET C701.
11. 57 ± LF 30-INCH HDPE STORM PIPE PER PIPE INSTALLATION DETAILS, SHEET C701.
12. 30-INCH CONCRETE FLARED END SECTION WITH RIP-RAP PROTECTION PER DETAILS, SHEET C702.
13. FOUNDATION DRAIN. TIE INTO PROPOSED STORM WATER PIPING.
14. DOWNSPOUT CONNECTION PER DETAIL, SHEET C701.
15. 298 ± LF 12-INCH HDPE STORM PIPE PER PIPE INSTALLATION DETAILS, SHEET C701.
16. 298 ± LF 12-INCH HDPE STORM PIPE PER PIPE INSTALLATION DETAILS, SHEET C701.
17. DOWNSPOUT TO DAYLIGHT TO CONCRETE PAVEMENT.
18. 135 ± LF 4-INCH PERFORATED HDPE PIPE FOR RETAINING WALL DRAINAGE. REFER TO STRUCTURAL DETAILS.
19. CONNECT RETAINING WALL DRAIN INTO CURB INLET. INV. ELEV. 1350.04.
20. ADJUST DETENTION BASIN OUTLET PER DETAILS, SHEET C702. ADJUST SPILLWAY ELEVATIONS PER GRADING PLAN, SHEET C301.
21. FOUNDATION DRAIN PER ARCHITECTURAL DETAILS.
22. CONNECT PLANTER DRAINAGE TO DOWNSPOUT CONVEYANCE SYSTEM. SEE ARCHITECTURAL PLANS FOR PLANTER DETAILS.
23. INSTALL IN-LINE HDPE STORMWATER CLEANOUT PER DETAIL, SHEET C702.
24. 16 ± LF 6-INCH HDPE PIPE FOR PLANTER DRAINAGE.
25. TIE EXISTING CITY OF MONETT STORMWATER SYSTEM TO PROPOSED STORM SEWER. AT THE TIME OF CONNECTION, CITY SYSTEM CONSISTS OF 4 CURB INLETS AND PIPING TO DRAIN APPROXIMATELY 0.67 ACRES ON OLD AIRPORT ROAD. THE DETENTION BASIN HAS BEEN MODIFIED FOR CONDITIONS PRESENT AT THE TIME OF CONSTRUCTION. ANY FUTURE CONNECTIONS INTO THE UPSTREAM SYSTEM MUST BE ANALYZED AND APPROVED BY BARRY-LAWRENCE REGIONAL LIBRARY.

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STATE OF MISSOURI
DAVID CORY GARRETT
NUMBER PE-2010000202
PROFESSIONAL ENGINEER
6 / 1 / 2021

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PH: 417.885.0002
www.paragonarchitecture.com

PROJECT DESCRIPTION:

Barry-Lawrence Regional Library

SHEET NUMBER:

C501

Stormwater Plan

PROJECT NUMBER: 19-556

Project Address

DATE: 06/11/2021

PROJECT ARCHITECT: JAY
DRAWN BY: RMM
CHECKED BY: DCG

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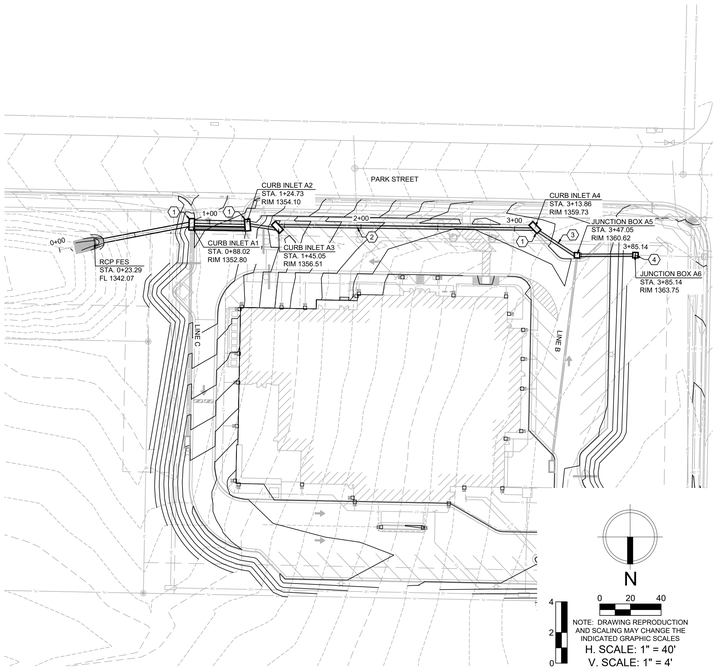
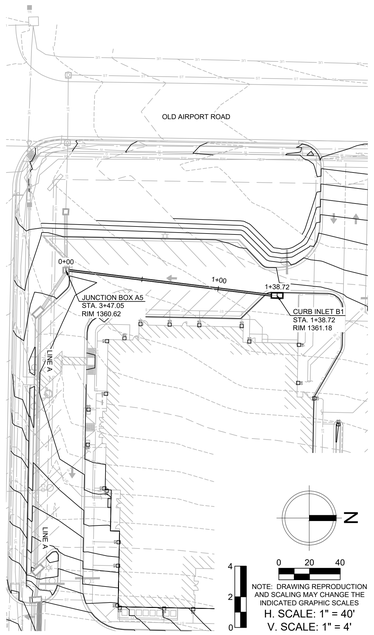
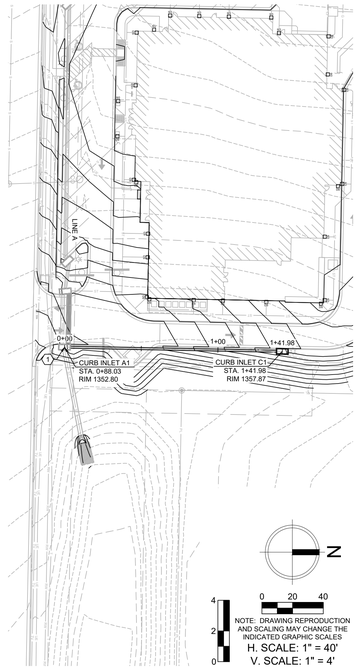


STORM LINE A



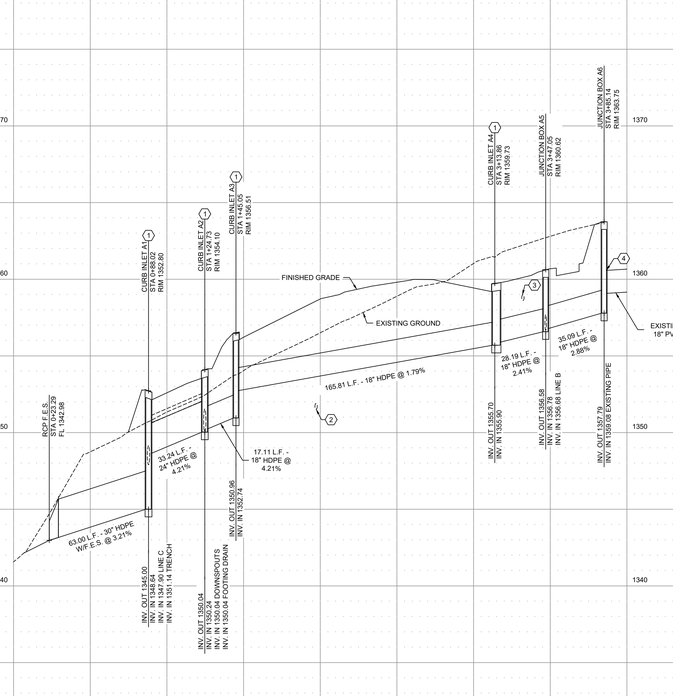
STORM LINE B

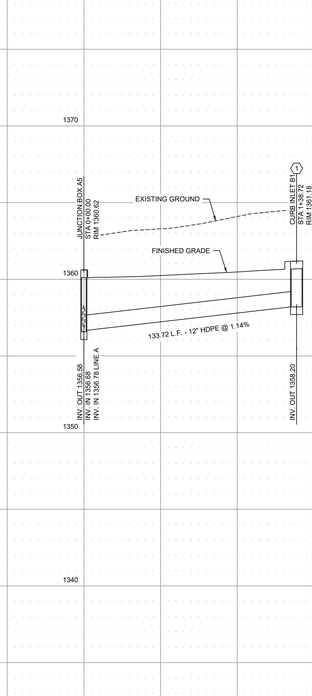


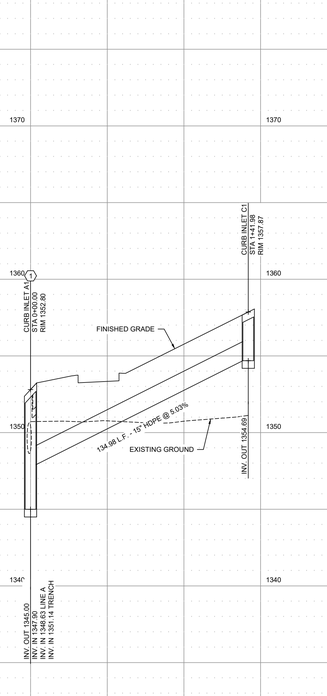
STORM LINE C

KEY NOTES:

1. CURB INLET RIM ELEVATION FOR REFERENCE ONLY. REFER TO SHEET C301 FOR ACTUAL INLET LID ELEVATIONS.
2. SANITARY SEWER CROSSING. APPROXIMATE FL 1351.53.
3. ELECTRICAL CONDUIT CROSSING. MAINTAIN 18 INCHES OF VERTICAL SEPARATION. IF SUFFICIENT COVER CANNOT BE PROVIDED, ROUTE ELECTRICAL SERVICE UNDER STORM SEWER.
4. TIE EXISTING CITY OF MONETT STORMWATER SYSTEM TO PROPOSED STORM SEWER. AT THE TIME OF CONNECTION, CITY SYSTEM CONSISTS OF 4 CURB INLETS AND PIPING TO DRAIN APPROXIMATELY 9.67 ACRES ON OLD AIRPORT ROAD. THE DETENTION BASIN HAS BEEN MODIFIED FOR CONDITIONS PRESENT AT THE TIME OF CONSTRUCTION. ANY FUTURE CONNECTIONS INTO THE UPSTREAM SYSTEM MUST BE ANALYZED AND APPROVED BY BARRY-LAWRENCE REGIONAL LIBRARY.







DAVID CORY GARRETT - ENGINEER
MO# PE-2010000202

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www.paragonarchitecture.com

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SHEET NUMBER: C502

PROJECT DESCRIPTION:
Barry-Lawrence Regional Library
Stormwater Profile

PROJECT NUMBER: 19-556

DATE: 06/11/2021

Project Address

PROJECT ARCHITECT: JAY
DRAWN BY: RMM
CHECKED BY: DGG

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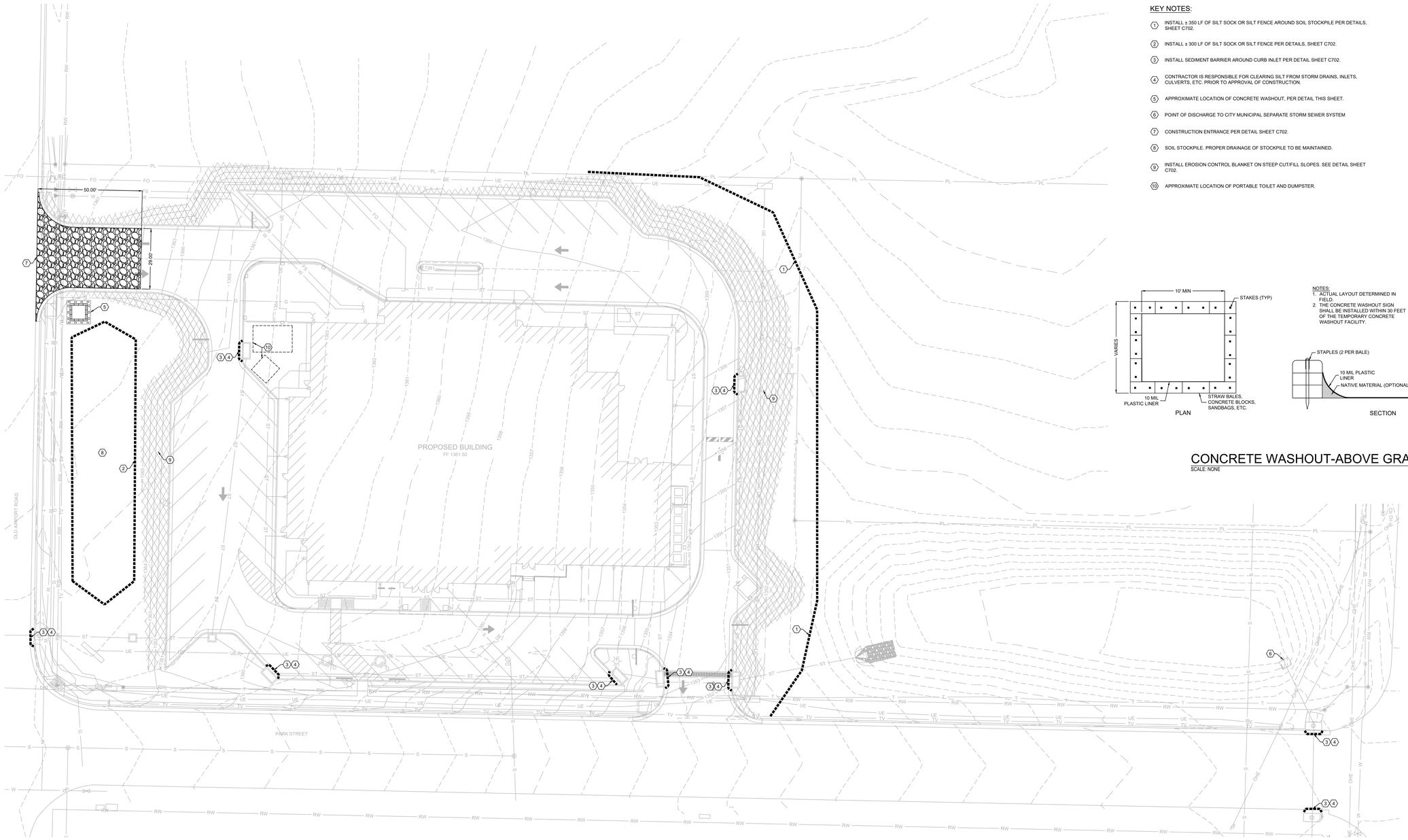

KEY NOTES:

1. INSTALL ± 350 LF OF SILT SOCK OR SILT FENCE AROUND SOIL STOCKPILE PER DETAILS, SHEET C702.
2. INSTALL ± 300 LF OF SILT SOCK OR SILT FENCE PER DETAILS, SHEET C702.
3. INSTALL SEDIMENT BARRIER AROUND CURB INLET PER DETAIL SHEET C702.
4. CONTRACTOR IS RESPONSIBLE FOR CLEARING SILT FROM STORM DRAINS, INLETS, CULVERTS, ETC. PRIOR TO APPROVAL OF CONSTRUCTION.
5. APPROXIMATE LOCATION OF CONCRETE WASHOUT, PER DETAIL THIS SHEET.
6. POINT OF DISCHARGE TO CITY MUNICIPAL SEPARATE STORM SEWER SYSTEM
7. CONSTRUCTION ENTRANCE PER DETAIL SHEET C702.
8. SOIL STOCKPILE. PROPER DRAINAGE OF STOCKPILE TO BE MAINTAINED.
9. INSTALL EROSION CONTROL BLANKET ON STEEP CUT/FILL SLOPES. SEE DETAIL SHEET C702.
10. APPROXIMATE LOCATION OF PORTABLE TOILET AND DUMPSTER.

PLAN

NOTES:
1. ACTUAL LAYOUT DETERMINED IN FIELD.
2. THE CONCRETE WASHOUT SIGN SHALL BE INSTALLED WITHIN 30 FEET OF THE TEMPORARY CONCRETE WASHOUT FACILITY.

SECTION

CONCRETE WASHOUT-ABOVE GRADE

SCALE: NONE

N

0 10 20

NOTE: DRAWING REPRODUCTION AND SCALING MAY CHANGE THE INDICATED GRAPHIC SCALES

H. SCALE: 1" = 20'

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STATE OF MISSOURI
DAVID CORY GARRETT
NUMBER PE-2010020202
PROFESSIONAL ENGINEER
6 / 1 / 2021

DAVID CORY GARRETT - ENGINEER
MO# PE-2010020202

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637 COLLEGE STREET, SPRINGFIELD, MO 65806
PH: 417.885.0002
www.paragonarchitecture.com

PROJECT DESCRIPTION:

Barry-Lawrence Regional Library

SHEET NUMBER:

C601

Erosion Control Plan

PROJECT NUMBER: 19-556

Project Address

DATE: 06/11/2021

PROJECT ARCHITECT: JAY
DRAWN BY: RMM
CHECKED BY: DCG

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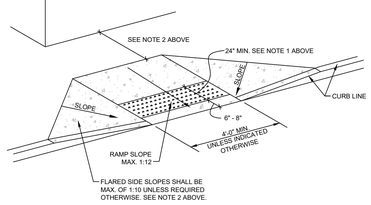
NOTES:

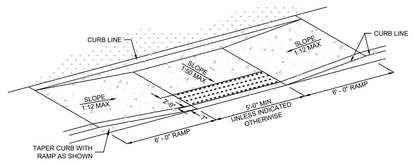
1. DETECTABLE WARNING ON RAMP SURFACE SHALL CONSIST OF TRUNCATED DOMES (FOR THE ENTIRE WIDTH OF THE RAMP) AND SHALL CONTRAST VISUALLY W/ ADJOINING SURFACES. PROVIDE ARMOR-TILE ADA TACTILE EPOXY POLYMER CAST IN PLACE WARNING TILES WITH TRUNCATED DOMES OR APPROVED EQUAL.
2. IF DISTANCE TO VERTICAL STRUCTURE OR EDGE OF ACCESSIBLE ROUTE IS LESS THAN 4'-0" THEN SLOPE OF THE FLARED SIDES SHALL NOT EXCEED 1:12.
3. TRUNCATED DOMES SHALL HAVE A DIAMETER OF 0.9 INCH AT THE BOTTOM, A DIAMETER OF 0.4 INCH AT THE TOP, A HEIGHT OF 0.2 INCH AND A CENTER-TO-CENTER SPACING OF 1.7 INCHES MEASURED ALONG ONE SIDE OF A SQUARE ARRANGEMENT.



TYPE I CURB RAMP DETAIL
SCALE: NONE

NOTES:

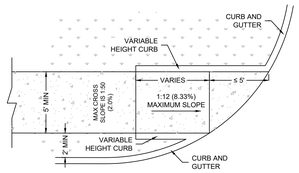
1. DETECTABLE WARNING ON RAMP SURFACE SHALL CONSIST OF TRUNCATED DOMES (FOR THE ENTIRE WIDTH OF THE RAMP) AND SHALL CONTRAST VISUALLY W/ ADJOINING SURFACES. PROVIDE ARMOR-TILE ADA TACTILE EPOXY POLYMER CAST IN PLACE WARNING TILES WITH TRUNCATED DOMES OR APPROVED EQUAL.
2. TRUNCATED DOMES SHALL HAVE A DIAMETER OF 0.9 INCH AT THE BOTTOM, A DIAMETER OF 0.4 INCH AT THE TOP, A HEIGHT OF 0.2 INCH AND A CENTER-TO-CENTER SPACING OF 1.7 INCHES MEASURED ALONG ONE SIDE OF A SQUARE ARRANGEMENT.



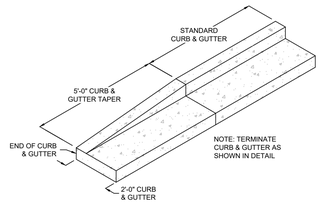
TYPE 2 CURB RAMP DETAIL
SCALE: NONE

NOTES:

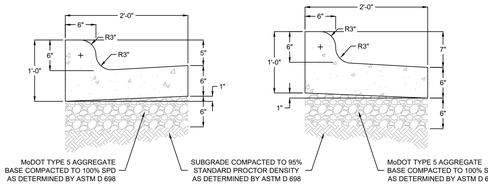
1. ENSURE THAT THE INSIDE EDGE OF CURVED RAMPS MAINTAIN AN8.33% SLOPE MAXIMUM.
2. THE COUNTER SLOPE OF THE GUTTER OR STREET AT THE FOOT OF CURB RAMP RUNS, BLENDED TRANSITIONS AND TURNING SPACES SHALL BE 5% MAXIMUM.



SMALL RADIUS PARALLEL CURB RAMP DETAIL
SCALE: NONE



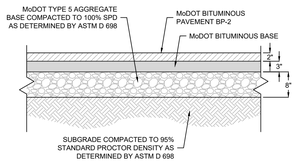
CURB TRANSITION DETAIL
SCALE: NONE



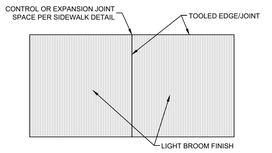
NOTES:

1. EXPANSION JOINTS SHALL BE FORMED BY A ONE-HALF (1/2) INCH THICK PREFORMED JOINT FILLER, CUT TO THE CONFIGURATION OF THE FULL SIZE OF THE CURB AND GUTTER SECTION AND BEING SECURED SO THAT THEY ARE NOT MOVED BY DEPOSITING AND COMPACTING THE CONCRETE AT THESE JOINTS. THE EDGES OF THESE JOINTS SHALL BE ROUNDED WITH AN EDGING TOOL ONE-EIGHTH (1/8) INCH RADIUS.
2. EXPANSION JOINTS SHALL BE PLACED WHERE CURB AND GUTTER ABUTS OTHER STRUCTURES AND AT ALL TANGENT POINTS TO CURBS. EXPANSION JOINTS SHALL NOT BE SPACED MORE THAN 50 FEET APART ON STRAIGHT RUNS FOR HAND LAID CURBS AND NOT MORE THAN 100 FEET APART FOR MACHINE LAID CURB AND GUTTER PROVIDED THAT ONE-HALF (1/2) INCH THICK JOINT FILLER IS USED. ALL JOINTS SHALL BE FORMED AT RIGHT ANGLES TO THE ALIGNMENT OF THE CURB AND GUTTER.
3. CONTRACTION JOINTS SHALL BE CONSTRUCTED BY INSERTING A REMOVABLE METAL TEMPLATE IN THE FRESH CONCRETE. THEY SHALL NOT BE SAW CUT, CONTRACTION JOINTS SHALL BE TO A DEPTH OF NOT LESS THAN ONE AND ONE-FOURTH (1-1/4) INCHES BELOW THE SURFACE AND TO A WIDTH NOT TO EXCEED THREE-EIGHTHS (3/8) INCH. CONTRACTION JOINTS SHALL BE LOCATED APPROXIMATELY 10 FEET APART.

CONCRETE CURB & GUTTER DETAIL
SCALE: NONE



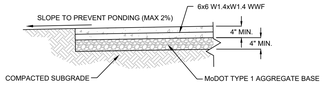
ASPHALT PAVEMENT
SCALE: NONE



NOTES:

1. CONTRACTOR SHALL TOOL EDGES AND JOINTS AS SHOWN THEN LIGHTLY BROOM FINISH ENTIRE SIDEWALK SURFACE.

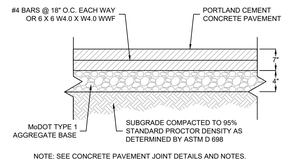
SIDEWALK FINISH PLAN
SCALE: NONE



NOTES:

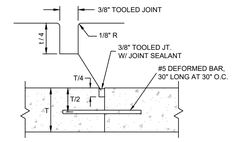
1. PROVIDE CONTROL JOINTS @ 5' O.C. MAX. OR WIDTH OF SIDEWALK. SEE JOINT DETAIL.
2. PROVIDE EXPANSION JOINTS @ 20' O.C. MAX. & AS INDICATED ON SITE PLAN.
3. WHERE WALK ABUTS ANOTHER WALK, CONCRETE CURBS, DRIVEWAYS AND SIMILAR STRUCTURES, PROVIDE 1/2" EXP. JOINT W/ FIBER BOARD AND SELF-LEVELING SEALANT.
4. KEY ALL CONSTRUCTION JOINTS.
5. PROVIDE NON-SLIP LIGHT BROOM FINISH.
6. MAXIMUM SIDEWALK CROSS SLOPE SHALL BE 2%. MAXIMUM SLOPE OF SIDEWALK IN DIRECTION OF TRAVEL SHALL BE 5%.

SIDEWALK DETAIL
SCALE: NONE

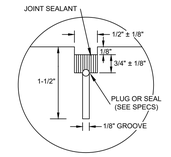


NOTE: SEE CONCRETE PAVEMENT JOINT DETAILS AND NOTES.

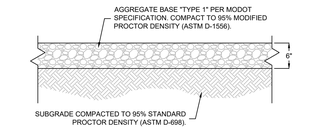
HEAVY DUTY CONCRETE PAVEMENT
SCALE: NONE



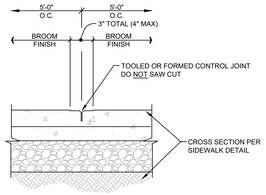
DOWELED CONSTRUCTION JOINT



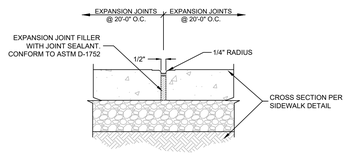
CONTRACTION JOINT SEALANT DETAIL



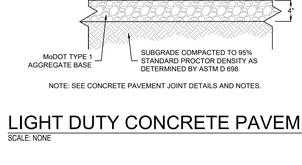
GRAVEL PAVEMENT DETAIL
SCALE: NONE



SIDEWALK CONTROL JOINT
SCALE: NONE



SIDEWALK EXPANSION JOINT
SCALE: NONE



NOTE: SEE CONCRETE PAVEMENT JOINT DETAILS AND NOTES.

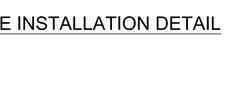
LIGHT DUTY CONCRETE PAVEMENT
SCALE: NONE

CONCRETE JOINT NOTES:

1. CONSTRUCTION JOINTS SHALL BE PLACED AS REQUIRED BY THE CONTRACTOR.
2. EXPANSION JOINTS SHALL BE PLACED WHERE CONCRETE ABUTS STRUCTURES OR EXISTING PAVEMENT AND AT 45 FEET ON CENTER, EACH DIRECTION (OR AS SHOWN ON PLAN).
3. CONTRACTION JOINTS SHALL BE PLACED AT 15 FEET MINIMUM SPACING IN EACH DIRECTIONS.

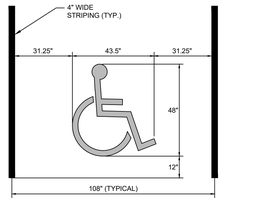


SAWED CONSTRUCTION JOINT

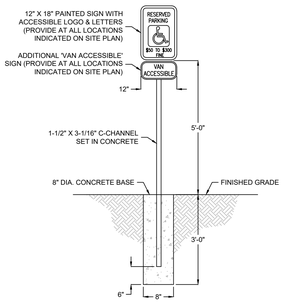


EXPANSION JOINT

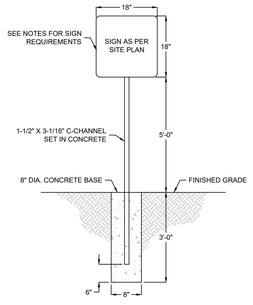
CONCRETE PAVEMENT JOINT DETAILS
SCALE: NONE



ADA ACCESSIBLE PARKING SYMBOL
SCALE: NONE



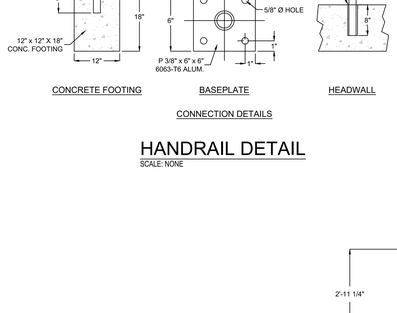
ADA ACCESSIBLE SIGN DETAIL
SCALE: NONE



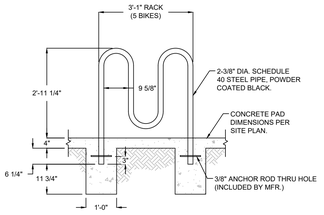
NOTES:

1. SIGNS SHALL BE CONSTRUCTED OF ALUMINUM WITH A MINIMUM THICKNESS OF 0.09" AND SHALL BE SECURELY FASTENED TO RESIST WIND.
2. LETTERS AND SYMBOLS MAY BE PAINTED OR BAKED ENAMEL AND SHALL BE IN PROPORTION TO THOSE ON THE SIGN SHOWN.
3. BLACK AREAS REPRESENT BLACK. WHITE AREAS REPRESENT WHITE.

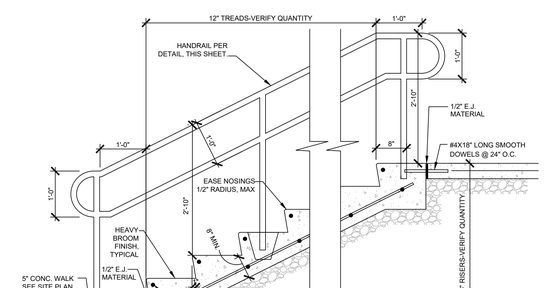
TYPICAL SIGN POST DETAIL
SCALE: NONE



HANDRAIL DETAIL
SCALE: NONE



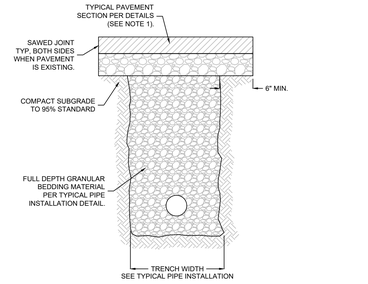
BICYCLE RACK
SCALE: NONE



NOTES:

1. HANDRAIL PER DETAIL, THIS SHEET.

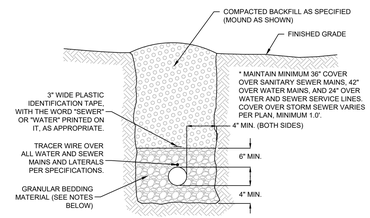
CONCRETE STAIR DETAIL
SCALE: NONE



NOTES:

1. INCREASE ASPHALT PAVEMENT SECTION THICKNESS BY 1.5 TIMES THE RECOMMENDED PAVEMENT THICKNESS WHERE PIPES ARE TO BE INSTALLED UNDER EXISTING PAVEMENT.

PIPE INSTALLATION UNDER PAVEMENT
SCALE: NONE



GRANULAR BEDDING MATERIAL SHALL BE CRUSHED STONE OR GRAVEL CONFORMING TO THE REQUIREMENTS OF ASTM D 2321 FOR CLASS I MATERIALS, EXCEPT WITH THE FOLLOWING GRADATION:

SIEVE SIZE	% PASSING
1"	100
½"	55-90
NO. 4	8-40
NO. 10	0-15
NO. 200	0-4

TYPICAL PIPE INSTALLATION DETAIL
SCALE: NONE

DAVID CORY GARRETT - ENGINEER
MO# PE-2010009202

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PH: 417.885.0002
www.paragonarchitecture.com
MISSOURI STATE CERTIFICATE OF AUTHORITY NUMBER A-2016000415

PROJECT DESCRIPTION: Barry-Lawrence Regional Library

Project Address

PROJECT ARCHITECT: JAY
DRAWN BY: RMM
CHECKED BY: DCG

SHEET NUMBER: C701 Details

PROJECT NUMBER: 19-556

DATE: 06/11/2021

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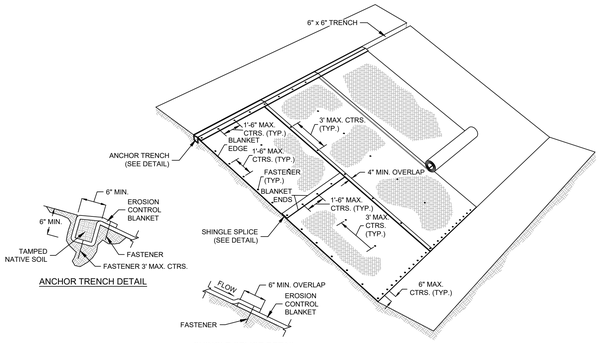
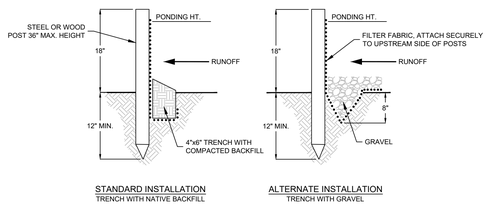


ANCHOR TRENCH DETAIL

SHINGLE SPLICE DETAIL

EROSION CONTROL BLANKET INSTALLATION

SCALE: NONE

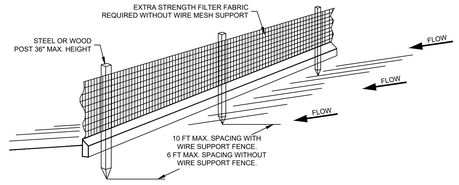


STANDARD INSTALLATION
TRENCH WITH NATIVE BACKFILL

ALTERNATE INSTALLATION
TRENCH WITH GRAVEL

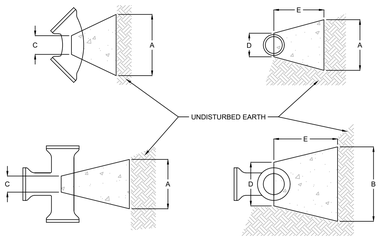
NOTES:

1. INSPECT AND REPAIR FENCE AFTER EACH RAINFALL EVENT AND REMOVE SEDIMENT WHEN NECESSARY.
2. REMOVED SEDIMENT SHALL BE DEPOSITED IN AN AREA THAT WILL NOT CONTRIBUTE SEDIMENT OFF-SITE AND CAN BE PERMANENTLY STABILIZED.
3. SILT FENCE SHALL BE PLACE ON SLOPE CONTOURS TO MAXIMIZE PONDING EFFICIENCY.



SILT FENCE DETAIL

SCALE: NONE



NOTES:

1. THRUST BLOCK SIZES ARE BASED ON A WORKING PRESSURE OF 180 PSI, 36" COVER AND 2,000 PSF ALLOWABLE SOIL BEARING PRESSURE.
2. FOR PIPE SIZES NOT SHOWN, USE THE DIMENSIONS FOR THE NEXT LARGER SIZE.
3. USE 3/8" PLYWOOD FOR SEPARATION BETWEEN BLOCKS AND PLUGS TO PROVIDE FOR FUTURE REMOVAL.

PIPE SIZE	FITTING	DISTANCE IN INCHES				
		A	B	C	D	E
4" AND SMALLER	11.25° AND 22.5°	32	28	3	7	14
	45°	32	28	4	7	14
	90°	34	28	6	7	14
	TEE/PLUG	36	28	7	7	14
6"	11.25° AND 22.5°	35	29	4	9	15
	45°	36	29	6	9	15
	90°	38	29	7	9	15
	TEE/PLUG	40	29	9	9	15
8"	11.25° AND 22.5°	38	31	5	11	17
	45°	40	31	6	11	17
	90°	52	34	9	11	22
	TEE/PLUG	44	31	11	11	17
10" AND 12"	11.25° AND 22.5°	44	34	7	15	19
	45°	47/59	37	10	15	24
	90°	70/91	38/44	13	15	30/39
	TEE/PLUG	57/71	35/39	15	15	22/28
14" AND 16"	11.25° AND 22.5°	53	38	7	19	23
	45°	72/85	45	10	19	31/37
	90°	108/129	49/55	18	19	46/56
	TEE/PLUG	88/102	47	19	19	35/41
18"	11.25° AND 22.5°	61	41	9	22	26
	45°	98	50	11	22	44
	90°	142	58	20	22	61
	TEE/PLUG	118	52	22	22	48

CONCRETE THRUST BLOCK DETAIL

SCALE: NONE



PLAN VIEW

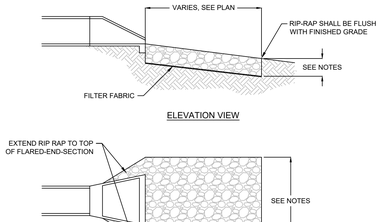
PLAN

NOTES:

1. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEAN OUT OF ANY MEASURES USED TO TRAP SEDIMENT.
2. WHEN NECESSARY, WHEELS SHALL BE CLEANED PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY.
3. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN.

TEMPORARY CONSTRUCTION ENTRANCE

SCALE: NONE



ELEVATION VIEW

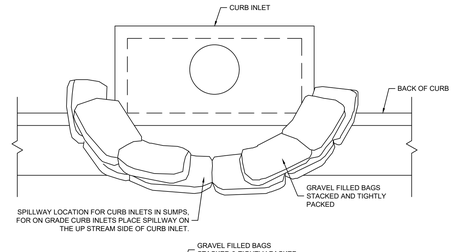
PLAN VIEW

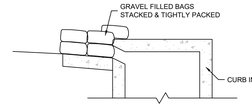
NOTES:

1. MIN. THICKNESS SHALL NOT BE LESS THAN 1.5 X D_{50}, D_{50} = 12".
2. SEE PLAN FOR WIDTH, MIN. RIP-RAP WIDTH SHALL NOT BE LESS THAN 3 X OUTLET PIPE DIAMETER.

RIP-RAP OUTLET PROTECTION

SCALE: NONE





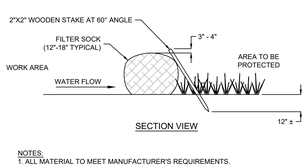
CROSS SECTION

NOTES:

1. PLACE CURB INLET SEDIMENT BARRIERS ON GENTLY SLOPING STREET SEGMENTS OR IN SUMPS WHERE WATER CAN POND AND ALLOW SEDIMENT TO SEPARATE FROM RUNOFF.
2. BAGS, OF EITHER BURLAP OR WOVEN GEOTEXTILE FABRIC, ARE FILLED WITH GRAVEL, LAYERED AND PACKED TIGHTLY.
3. LEAVE ONE BAG GAP IN THE TOP ROW TO PROVIDE A SPILLWAY FOR OVERFLOW.
4. INSPECT BARRIERS AND REMOVE SEDIMENT AFTER EACH RAINFALL EVENT. SEDIMENT AND GRAVEL MUST BE REMOVED FROM THE TRAVELED WAY IMMEDIATELY.

CURB INLET SEDIMENT BARRIER DETAIL

SCALE: NONE



SECTION VIEW

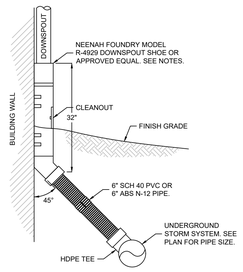
NOTES:
1. ALL MATERIAL TO MEET MANUFACTURER'S REQUIREMENTS.

2. FILTER SOCK DEPICTED IS FOR MINIMUM SLOPES. GREATER SLOPES MAY REQUIRE LARGER SOCKS PER ENGINEER.

3. COMPOST MATERIAL TO BE DISPERSED ON SITE, AS DETERMINED BY ENGINEER.

COMPOST FILTER SOCK DETAIL

SCALE: NONE



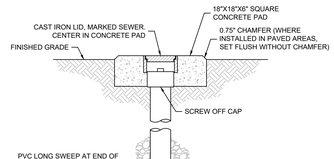
NOTES:
1) DOWNSPOUT SHOE MUST BE SIZED TO MATCH DOWNSPOUT.

3"X3" R-4929-A11C	4"X6" R-4929-A17C
3"X4" R-4929-A11C	5"X5" R-4929-A19C
4"X4" R-4929-A14C	5"X6" R-4929-A19C
4"X5" R-4929-A14C	5"X7" R-4929-A19C

2) DOWNSPOUT SHOE SHALL BE PRIMED AND PAINTED TO MATCH DOWNSPOUT. SEE ARCHITECT FOR PAINT COLOR AND SPECIFICATIONS.

DOWNSPOUT CONNECTION

SCALE: NONE

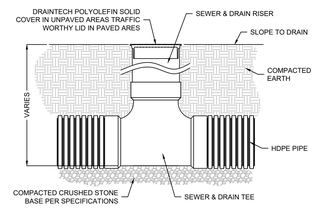


SECTION VIEW

NOTES:
1. SIZE AND MATERIAL OF FITTINGS AND PIPE TO MATCH THAT OF LATERAL.
2. INSTALL CLEANOUTS AT ALL BENDS AND AT MAXIMUM 50' SPACING.

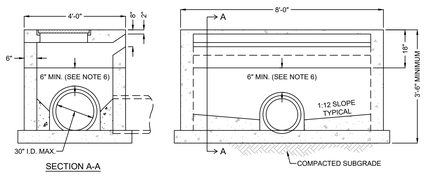
SANITARY SEWER CLEANOUT DETAIL

SCALE: NONE



STORM SEWER IN-LINE CLEANOUT DETAIL

SCALE: NONE



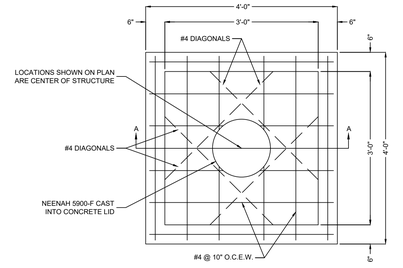
SECTION A-A

NOTES:

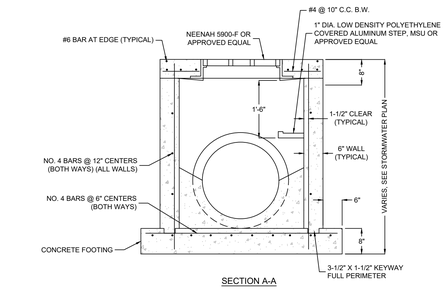
1. BOTTOM TO BE CAST-IN-PLACE.
2. PIPE TO BE ON GRADE BEFORE BOTTOM IS CONSTRUCTED.
3. FOR 6" TOP USE 4 - #4 DOWELS; ONE IN EACH CORNER WITH RAM-NEK OR EQUAL.
4. RAM-NEK ALL JOINTS (OR EQUAL).
5. 6" INVERT REQUIRED TO PREVENT SEDIMENTATION.
6. LESS CLEARANCE MAY BE ALLOWED PROVIDED ADEQUATE STRUCTURAL PROVISIONS ARE MADE TO PREVENT THE UNIT FROM CRACKING DURING DELIVERY AND INSTALLATION.
7. #4 BARS @ 10" O.C. (ALL WALLS, VERTICAL & HORIZONTAL. SEE DETAIL FOR TOP SLAB REINFORCING.

CURB INLET DETAIL

SCALE: NONE



PLAN VIEW

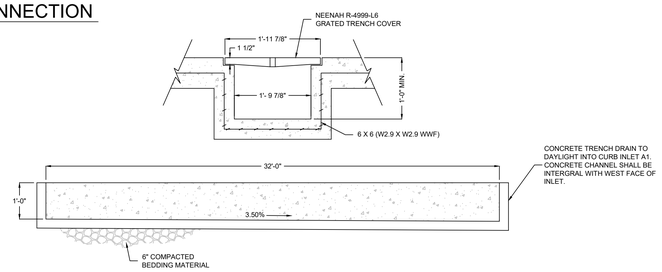


SECTION A-A

JUNCTION BOX DETAIL

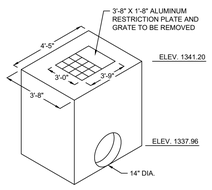
SCALE: NONE

NOTES:
1. USE CLASS "A" CONCRETE (AE) THROUGHOUT.
2. FLOOR OF INLET SHALL BE SHAPED WITH NON-REINFORCED CLASS "A" CONCRETE (AE) INVERT TO PROVIDE SMOOTH FLOW.
3. EXPANSION JOINTS SHALL BE EITHER HOT OR COLD POURED JOINT SEALING COMPOUND, OR PREMOLDED EXPANSION JOINT FILLER.
4. STEEL INLET FRAME SPACERS SHALL BE PLACED AT EQUAL SPACINGS, NOT TO EXCEED 4'-0".
5. BEVEL ALL EXPOSED EDGES WITH ¾" TRIANGULAR MOLDING.

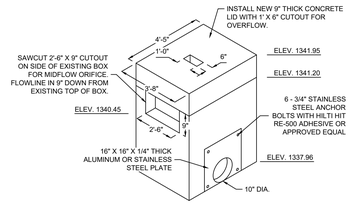


TRENCH DRAIN DETAIL

SCALE: NONE



EXISTING OUTLET STRUCTURE



OUTLET STRUCTURE MODIFICATIONS

DETENTION BASIN OUTLET MODIFICATION DETAIL

SCALE: NONE

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STATE OF MISSOURI
DAVID CORY GARRETT
NUMBER PE-2010009202
PROFESSIONAL ENGINEER
6/11/2021
DAVID CORY GARRETT - ENGINEER
MO# PE-2010009202
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MISSOURI STATE CERTIFICATE OF AUTHORITY NUMBER A-2016000415
PARAGON ARCHITECTURE
637 COLLEGE STREET, SPRINGFIELD, MO 65806
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www.paragonarchitecture.com

PROJECT DESCRIPTION: Barry-Lawrence Regional Library

Project Address

PROJECT ARCHITECT: JAY
DRAWN BY: RMM
CHECKED BY: DGG

SHEET NUMBER: C702 Details

PROJECT NUMBER: 19-556

DATE: 06/11/2021

ABBREVIATIONS

1.	A.B.=	ANCHOR BOLT	
2.	ACI=	AMERICAN CONCRETE INSTITUTE	
3.	AISC=	AMERICAN INSTITUTE OF STEEL CONSTRUCTION	
4.	AISI=	AMERICAN IRON AND STEEL INSTITUTE	
5.	ARCH=	ARCHITECTURE/ARCHITECT	
6.	ASTM=	AMERICAN SOCIETY FOR TESTING AND MATERIALS	
7.	A.W.=	AFTER WELDING	
8.	AWS=	AMERICAN WELDING SOCIETY	
9.	BAR=	REBAR	
10.	B.O.=	BOTTOM OF	
11.	B.O.A.=	BACK OF ANGLE	
12.	B.O.F.=	BOTTOM OF FOOTING	
13.	B.O.S.=	BOTTOM OF STEEL	
14.	BRG=	BEARING	
15.	BTM=	BOTTOM	
16.	CANT=	CANTILEVERED	
17.	C.I.P.=	CAST-IN-PLACE	
18.	C.J.P.=	COMPLETE JOINT PENETRATION WELD	
19.	CNTLN=	CENTERLINE	
20.	CLR=	CLEAR	
21.	CMU=	CONCRETE MASONRY UNIT	
22.	COL=	COLUMN	
23.	CONC=	CONCRETE	
24.	CONN=	CONNECTED	
25.	CONT=	CONTINUOUS	
26.	D.B.=	DECK BEARING	
27.	D.B.A.=	DEFORMED BAR ANCHOR	
28.	D.E.=	DECK EDGE	
29.	DIA=	DIAMETER	
30.	DL=	DEAD LOAD	
31.	DTL=	DETAIL	
32.	DWG=	DRAWING	
33.	E=	EXISTING	
34.	EA=	EACH	
35.	EA.F.=	EACH FACE	
36.	EL=	ELEVATION	
37.	EPS=	EXPANDED POLYSTYRENE	
38.	EQ=	EQUAL	
39.	E.W.=	EACH WAY	
40.	EXT=	EXTERIOR	
41.	f'c=	CONCRETE COMPRESSIVE STRENGTH	
42.	F.F.=	FINISHED FLOOR	
43.	FND=	FOUNDATION	
44.	F.O.W.=	FACE OF WALL	
45.	F.S.=	FAR SIDE	
46.	FTG=	FOOTING	
47.	F.V.=	FIELD VERIFY	
48.	GA=	GAGE / GAUGE	
49.	GALV=	GALVANIZED	
50.	G.B.=	GRADE BEAM	
51.	G.C.=	GENERAL CONTRACTOR	
52.	(H)=	HIGH	
53.	HAIL=	HAIR & LOW	
54.	H.A.S.=	HEADED ANCHOR STUD	
55.	HORIZ=	HORIZONTAL	
56.	IBC=	INTERNATIONAL BUILDING CODE	
57.	I.D.=	INSIDE DIAMETER	
58.	INFO=	INFORMATION	
59.	INT=	INTERIOR	
60.	J.B.=	JOIST BEARING	
61.	J.B.E.=	JOIST BEARING ELEVATION	
62.	KIP=	1000 POUNDS	
63.	KSI=	KIPS PER SQUARE INCH	
64.	(L)=	LOW	
65.	L=	LENGTH	
66.	LB=	POUND	
67.	LGSF=	LIGHT-GAGE STEEL FRAMING	
68.	LL=	LIVE LOAD	
69.	LLH=	LONG LEG HORIZONTAL	
70.	LLV=	LONG LEG VERTICAL	
71.	LONG=	LONGITUDINAL	
72.	L.P.=	LAYOUT POINT	
73.	LVL=	LAMINATED VENEER LUMBER	
74.	LW=	LIGHTWEIGHT	
75.	MAX=	MAXIMUM	
76.	MECH=	MECHANICAL	
77.	MEP=	MECHANICAL, ELECTRICAL, PLUMBING	
78.	MFR=	MANUFACTURER	
79.	MIL=	THOUSANDS OF AN INCH	
80.	MIN=	MINIMUM	
81.	MISC=	MISCELLANEOUS	
82.	MTL=	METAL	
83.	N.I.C.=	NOT IN CONTRACT	
84.	N.S.=	NEAR SIDE	
85.	N.T.S.=	NOT TO SCALE	
86.	N.W.=	NORMAL WEIGHT	
87.	O.C.=	ON CENTER	
88.	O.D.=	OUTSIDE DIAMETER	
89.	OPP=	OPPOSITE / OPPOSITE HAND	
90.	PAF=	POWDER ACTUATED FASTENER	
91.	P.C.F.=	POUNDS PER CUBIC FOOT	
92.	PEMB=	PRE-ENGINEERED METAL BUILDING	
93.	PLF=	POUNDS PER LINEAR FOOT	
94.	PRF=	PRESERVATIVE PRESSURE TREATED	
95.	PSF=	POUNDS PER SQUARE FOOT	
96.	PSI=	POUNDS PER SQUARE INCH	
97.	PT=	POST TENSIONED	
98.	REINF=	REINFORCING	
99.	REQ=	REQUIRE	
100.	RTU=	ROOF TOP UNIT	
101.	S.C.=	SLIP CRITICAL	
102.	SCH=	SCHEDULE	
103.	SDI=	STEEL DECK INSTITUTE	
104.	SIM=	SIMILAR	
105.	SJI=	STEEL JOIST INSTITUTE	
106.	SL=	SNOW LOAD	
107.	S.O.G.=	SLAB ON GRADE	
108.	SPEC=	SPECIFICATIONS	
109.	STD=	STANDARD	
110.	STL=	STEEL	
111.	T=	THICKNESS	
112.	T&B=	TOP AND BOTTOM	
113.	T.O.=	TOP OF	
114.	T.O.F.=	TOP OF FOOTING	
115.	T.O.P.=	TOP OF PEDESTAL	
116.	T.O.S.=	TOP OF STEEL	
117.	T.O.W.=	TOP OF WALL	
118.	TYP=	TYPICAL	
119.	ULS=	ULTIMATE LOAD	
120.	U.N.O.=	UNLESS NOTED OTHERWISE	
121.	VERT=	VERTICAL	
122.	VLD=	VERTICAL LEG DOWN	
123.	W=	WIDTH	
124.	WL=	WIND LOAD	
125.	W.P.=	WORK POINT	
126.	WWF=	WELDED WIRE FABRIC	
127.	(#)=	QUANTITY	

LOADING TABLE AND CODE INFORMATION	
BUILDING CODE 2018 IBC	
1. DEAD LOADS	
A. ROOF DEAD LOAD	15 PSF
2. COLLATERAL LOADS (NON-REDUCIBLE)	
A. ROOF COLLATERAL LOAD	5 PSF
3. LIVE LOADS	
A. ROOF LIVE LOAD (W/ TRIBUTARY REDUCTION)	20 PSF
4. SNOW LOAD	
A. GROUND SNOW LOAD, Pg	20 PSF
B. FLAT ROOF SNOW LOAD, Pf	20 PSF
C. SNOW EXPOSURE FACTOR, Ce	1.0
D. SNOW LOAD IMPORTANCE FACTOR	1.0
E. THERMAL FACTOR, Ct	1.0
F. SNOW DRIFT	PER CODE
5. WIND LOAD	
A. ULTIMATE WIND SPEED, Vult	107 MPH
B. RISK CATEGORY	II
C. WIND IMPORTANCE FACTOR	1.0
D. WIND EXPOSURE CATEGORY	C
E. INTERNAL PRESSURE COEFFICIENT	±0.18
6. SEISMIC DESIGN CRITERIA	
A. RISK CATEGORY	II
B. SEISMIC IMPORTANCE FACTOR, Ie	1.0
C. SPECTRAL RESPONSE ACCELERATIONS AND COEFFICIENTS	

I. Ss	0.21	II. Sds	0.21
III. S1	0.11	IV. Sd1	0.17

D. SITE CLASS	D
E. SEISMIC DESIGN CATEGORY	C
F. BASIS SEISMIC FORCE-RESISTING SYSTEM	ORMSW
G. ANALYSIS PROCEDURE	ELF
H. RESPONSE MODIFICATION COEFFICIENT, R	2
I. SYSTEM OVERSTRENGTH FACTOR,	2.5
J. DEFLECTION AMPLIFICATION FACTOR, Cd	2

SYMBOL LEGEND

TAG OR SYMBOL	DESCRIPTION
X	FOOTING TYPE (SEE SCHEDULE)
X	COLUMN TYPE (SEE SCHEDULE)
X / X	BASEPLATE TYPE (SEE COLUMN SCHEDULE AND PLAN)
X X	SHEARWALL TYPE (SEE SCHEDULE)
	NORTH ARROW (COORDINATE EXACT DIRECTION w/ ARCH AND CIVIL DWGS)
	MOMENT CONNECTION (SEE PLAN AND NOTES)
	CENTERLINE
?	KEYNOTE
XXXXXXXXXX / XXXXXXXXXX	ELEVATION MARKER
? ? ? ? ? ? TYP	WELD SYMBOL
W	CMU WALL TAG
X	PEDESTAL TAG
X	REINFORCING BAR
X	REVISION TAG
1	BRACE MEMBER SYMBOL

DEFERRED SUBMITTAL NOTES

1. THE FOLLOWING SUBMITTALS SHALL BE SUBMITTED FOR REVIEW AT A LATER DATE:
   - PRE-ENGINEERED LIGHT GAUGE TRUSSES
2. SUBMITTALS SHALL INCLUDE PLANS, DETAILS AND CALCULATIONS SEALED BY AN ENGINEER LICENSED IN THE STATE WHERE THE PROJECT IS LOCATED.

MEANS AND METHODS

1. DESIGN LOADINGS AND STRUCTURAL ANALYSIS IS BASED ON CONSTRUCTION LOADS FOR THE COMPLETED STRUCTURE.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MEANS AND METHODS OF CONSTRUCTION.
3. THIS STRUCTURE IS DESIGNED TO BE STABLE AS A COMPLETE WHOLE. ANY AND ALL TEMPORARY BRACES AND SHORING REQUIRED TO RESIST ALL LOADS DURING CONSTRUCTION SHALL BE DESIGNED AND SUPPLIED BY THE CONTRACTOR.
4. HEAVY LOADS THAT EXCEED 75% OF ALLOWABLE LIVE LOADS SHOWN ON THE PLANS, FOR TEMPORARY EQUIPMENT, CONSTRUCTION MATERIALS, OR OTHER LOADS NOT SHOWN IN THE CONTRACT DOCUMENTS, SHALL NOT BE PLACED OR SUPPORTED FROM ELEVATED STRUCTURE WITHOUT PRIOR WRITTEN APPROVAL OF THE STRUCTURAL ENGINEER.

STEEL DECK NOTES

1. TYPICAL STEEL ROOF DECK SHALL BE 1 1/2", 22 GAGE, TYPE B, UNO. FOR FINISH ROOF, STEEL ROOF DECKING MATERIAL SHALL BE PAINTED UNLESS NOTED OTHERWISE OR OTHERWISE PROTECTED BY U.L. ASSEMBLY.
   - ANCHOR ROOF DECK TO SUPPORTS w/ #12 TEK SCREWS IN A 36/5 PATTERN PER DETAIL. PROVIDE (5) #10 TEK SIDE LAP FASTENERS BETWEEN EACH SUPPORT.
2. PROPERTIES OF STEEL DECK SHALL BE COMPUTED USING THE LATEST EDITION OF SPECIFICATION FOR AISI AND STEEL INSTITUTE SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS. METAL DECK SHALL BE CAPABLE OF SUPPORTING LOADS AS CALLED FOR ON THE DRAWINGS OVER THE SPANS AND SPACING'S SHOWN FOR JOIST AND STEEL FRAMING.
3. WHERE STEEL DECK IS PART OF A RATED ASSEMBLY SUPPLY ALL DECK AND COMPONENTS WHICH COMPLY WITH REQUIREMENTS OF UNDERWRITERS LABORATORY FOR EACH TYPE OF ASSEMBLY SPECIFIED IN PLANS AND DESCRIPTIONS OF THE SPECIFICATIONS. WHERE DECK IS TO RECEIVE SPRAY FIREPROOFING, FINISHED SHALL BE COMPATIBLE WITH FIREPROOFING MATERIAL AND COMPLY WITH U.L. ASSEMBLY REQUIREMENTS. BEFORE THE FIREPROOFING MATERIAL IS APPLIED THE DECK SURFACE TO BE TREATED SHALL BE FREE OF RUST, OIL OR OTHER FOREIGN CONTAMINANTS OR ELEMENTS WHICH WILL IMPAIR BOND.
4. LAYOUT DECK TO HAVE A MINIMUM OF THREE CONTINUOUS SPANS WHERE POSSIBLE. ATTACH TO JOIST AND BEAMS PER DECK ATTACHMENT DETAILS AND NOTES. WHERE DECK RIBS ARE CUT AT PENETRATIONS. PROVIDE DECK SUPPORT ANGLES OR DECK STIFFENERS AS DETAILED.
5. PROVIDE EDGE ANGLE AT DECK EDGES AND AT ALL LOCATIONS WHERE DECK CHANGES DIRECTION. REFER TO PLANS FOR LOCATIONS WHERE DECK CHANGES DIRECTIONS BASED ON THE FRAMING LAYOUT.
6. PROVIDE FILLERS AS REQUIRED TO SUPPORT DECK WHERE DECK IS NOT SUPPORTED BY BEARING. SUCH FILLERS ARE REQUIRED AT WALLS WHICH ARE PARALLEL TO DECK SPANS AND SIMILAR SITUATIONS.
7. 6" NOMINAL DIAMETER AND SMALLER PIPES MAY PENETRATE THE ROOF DECK WITHOUT THE ANGLE FRAME INDICATED IN "H" FRAME NOTE OR MISCELLANEOUS STEEL NOTES. SUPPORT FOR WEIGHT OF THE PIPE MUST BE PROVIDED BY UNISTRUT OR OTHER APPROVED FRAMING AS THE DECK IS NOT DESIGNED TO SUPPORT THE WEIGHT OF THE PIPE OR TO RESTRAIN LATERAL MOVEMENT OF THE PIPE.
8. FINISHES ON METAL DECK THAT ARE TO RECEIVE SPRAYED ON FIREPROOFING SHALL BE COMPATIBLE WITH THE FIREPROOFING MATERIAL.

GENERAL FOUNDATION & SLAB NOTES

1. A SOIL INVESTIGATION HAS BEEN DONE FOR THIS SITE. THIS REPORT SHALL BE CONSIDERED A PART OF THESE FOUNDATION NOTES. IT IS THE CONTRACTORS RESPONSIBILITY TO OBTAIN, BE FAMILIAR WITH, AND ADHERE TO THE RECOMMENDATIONS IN THE REPORT. IF ANY RECOMMENDATION IN THE REPORT CONFLICTS WITH OTHER REQUIREMENTS IN THE CONTRACT DOCUMENTS WHICH REQUIRE CLARIFICATION (OR BIDDING PURPOSES UTILIZE THE MORE STRINGENT REQUIREMENT UNTIL FORMAL CLARIFICATION IS ISSUED).
2. THE AREA OF THE STRUCTURE, EXISTING ORGANIC MATERIAL, UNSUITABLE SOIL, ABANDONED FOOTINGS, UTILITIES AND ANY OTHER EXISTING UNSUITABLE MATERIALS SHALL BE REMOVED IN ACCORDANCE WITH THE GEOTECHNICAL REPORT. ALL FILL AND COMPACTION SHALL BE AS RECOMMENDED BY THE GEOTECHNICAL REPORT. AREAS OF FIELD DENSITY AND MOISTURE CONTENT TESTS SHALL BE PERFORMED TO ENSURE COMPLIANCE WITH REQUIREMENTS.
3. TESTING OF CONTROLLED STRUCTURAL FILL SHALL BE DONE BY A QUALIFIED TESTING LABORATORY RETAINED BY THE OWNER. SEE STRUCTURAL DRAWINGS FOR REQUIRED SPECIAL INSPECTIONS AND TESTING. CONTRACTOR IS RESPONSIBLE FOR COORDINATING WORK WITH INSPECTOR.
   - AFTER STRIPPING SITE AND PRIOR TO PLACEMENT OF ANY FILL NOTIFY SPECIAL INSPECTOR TESTING AGENCY FOR INSPECTION OF SOIL CONDITIONS. INSPECTION SHALL INCLUDE PROOF ROLLING WITH HEAVY EQUIPMENT PROVIDED BY THE CONTRACTOR.
   - AFTER EXCAVATION FOR FINISH SUBGRADE AND PRIOR TO PLACEMENT OF STEEL REINFORCEMENT OR CONCRETE NOTIFY SPECIAL INSPECTOR/TESTING AGENCY FOR INSPECTION OF SOIL CONDITIONS. WHEN SOIL OF INADEQUATE STRENGTH IS NOTED, CONTRACTOR SHALL FURTHER DEEPEN EXCAVATIONS UNTIL SUITABLE SOIL CONDITIONS ARE VERIFIED BY TESTING. OVEREXCAVATIONS MAY BE BACKFILLED WITH SUITABLE COMPACTED ENGINEERED FILL. SUITABLE ON-SITE MATERIAL, EXCEPT ORGANIC, CONCRETE BACKFILL (SEE GEOTECHNICAL REPORT FOR RECOMMENDATIONS).
4. EXTERIOR FOOTINGS SHALL BEAR AT MIN. DEPTHS AS NOTED IN FOUNDATION DETAILS AND PLANS, 30" MINIMUM BELOW EXTERIOR FINISH GRADE, OR INTO APPROVED BEARING STRATA, WHICHEVER DEPTH IS GREATER. NOTIFY THE GEOTECHNICAL ENGINEERS LABORATORY FOR EACH TYPE OF ASSEMBLY SPECIFIED IN PLANS AND DESCRIPTIONS OF THE SPECIFICATIONS. WHERE DECK IS TO RECEIVE SPRAY FIREPROOFING, FINISHED SHALL BE COMPATIBLE WITH FIREPROOFING MATERIAL AND COMPLY WITH U.L. ASSEMBLY REQUIREMENTS. BEFORE THE FIREPROOFING MATERIAL IS APPLIED THE DECK SURFACE TO BE TREATED SHALL BE FREE OF RUST, OIL OR OTHER FOREIGN CONTAMINANTS OR ELEMENTS WHICH WILL IMPAIR BOND.
5. LAYOUT DECK TO HAVE A MINIMUM OF THREE CONTINUOUS SPANS WHERE POSSIBLE. ATTACH TO JOIST AND BEAMS PER DECK ATTACHMENT DETAILS AND NOTES. WHERE DECK RIBS ARE CUT AT PENETRATIONS. PROVIDE DECK SUPPORT ANGLES OR DECK STIFFENERS AS DETAILED.
6. CONTINUOUS FOOTINGS AND INDIVIDUAL FOOTINGS ARE DESIGNED FOR A NET ALLOWABLE SOIL BEARING OF:
   - CONTINUOUS FOOTINGS: 1500 PSF
   - INDIVIDUAL FOOTINGS: 1500 PSF
   - FOR EITHER NATURALLY OCCURRING SOIL OR COMPACTED STRUCTURAL FILL
7. TYPICAL SLABS ON GRADE
   - THICKNESS: 4" THICK NORMAL WEIGHT CONCRETE
   - REINFORCING: 6x6-W1.4xW1.4 WELDED WIRE FABRIC (WWF)
   - VAPOR BARRIER: 15 MIL. (ASTM E1745 CLASS A)
   - SUBGRADE: MINIMUM 6" THICK FREE DRAINING GRANULAR BASE, COMPACTED PER RECOMMENDATIONS OF GEOTECHNICAL ENGINEER.
   - MAINTAIN REINFORCING 1"-2" BELOW TOP SURFACE OF SLABS ON GRADE. PROVIDE BOLSTERS, CHAIRS OR OTHER MEANS APPROVED BY CONCRETE REINFORCING INDUSTRY TO PROPERLY LOCATE REINFORCING. GRANULAR BASE SHALL BE #57 STONE OR APPROVED EQUAL UNLESS OTHERWISE INDICATED IN GEOTECHNICAL REPORT. REFER TO ASTM D448 FOR GRADATION.
   - IN SOME CASES 1.5 POUNDS (MIN) OF POLYPROPYLENE FIBRILLATED FIBERS PER CUBIC YARD REINFORCING MAY BE SUBSTITUTED FOR WELDED WIRE REINFORCING. ANY VISIBLE FIBERS REMAINING AFTER CONCRETE HAS CURED SHALL BE TORCHED OFF. THIS SUBSTITUTION IS NOT ALWAYS APPROPRIATE AND SHALL NOT BE MADE WITHOUT WRITTEN APPROVAL OF THE ENGINEER.
8. DRAINAGE FILL: SEE GEOTECHNICAL REPORT.
9. CONTRACTOR IS RESPONSIBLE TO MAINTAIN EXCAVATIONS AND BACKFILL MATERIALS AT AN APPROPRIATE MOISTURE CONTENT FOR PROPER SOIL BEARING CAPACITY AND COMPACTION OF BACKFILL MATERIALS WITH REGARD TO THE REQUIREMENTS OF THE SOILS REPORT, THE CONTRACT SPECIFICATIONS AND THESE NOTES.
10. CONTRACTOR SHALL COORDINATE WITH THE CIVIL / SITE DRAWINGS TO DETERMINE WHETHER FOUNDATION DRAINS AROUND PERIMETER OF BUILDING AND/OR UNDER THE SLAB-ON-GRADE SHALL BE REQUIRED AND, IF SO, SHALL RUN TO DAYLIGHT OR EXTENDED TO THE STORM SEWER.
11. AT RETAINING WALLS FILTER FABRIC SHALL BE PLACED AT THE INTERFACE BETWEEN THE DRAINAGE FILL AND EITHER NATURAL OR COMPACTED SUBGRADE. PERFORATED DRAINS SHALL ALSO BE WRAPPED WITH FILTER FABRIC.

STRUCTURAL CONCRETE MASONRY UNIT NOTES

1. CONCRETE MASONRY UNITS (CMU's) SHALL COMPLY WITH ASTM C-90 WITH NET AREA COMPRESSIVE STRENGTH OF 1,900 PSI. STANDARD WEIGHT CONCRETE BLOCK SHALL BE USED BELOW GRADE, SIZES AS INDICATED ON PLANS. f'm SHALL BE 1,500 PSI.
2. MORTAR SHALL BE TYPE "S" WITH COMPRESSIVE STRENGTH EQUAL TO 1,800 PSI, EXCEPT BELOW GRADE TYPE "M" SHALL BE USED WITH COMPRESSIVE STRENGTH EQUAL TO 2,500 PSI. UNO. MIX MORTAR FROM TYPE I PORTLAND CEMENT (TYPE III MAY BE USED FOR COLD WEATHER CONSTRUCTION), HYDRATED LIME (ASTM C-207), AND AGGREGATE (ASTM C-144).
3. ALL CELLS BELOW GRADE AND ALL CELLS TO RECEIVE STEEL REINFORCING SHALL BE GROUTED SOLID. ADDITIONAL CELLS TO RECEIVE GROUT ARE SHOWN IN DETAILS.
4. CONCRETE MIX PART USED TO FILL VOIDS SHALL CONSIST OF CEMENT, 3/8 INCH AGGREGATE, AND FINE AGGREGATE. MASONRY MORTAR SHALL NOT BE USED WHERE GROUT IS CALLED FOR. ALTERNATE MIX DESIGNS WILL BE CONSIDERED IF SUBMITTED TO THE ENGINEER FOR APPROVAL.
5. CONCRETE GROUT USED TO FILL VOIDS SHALL BE AS FOLLOWS:
   - MAX. WATER/CEMENT RATIO BY WEIGHT SHALL BE 0.54.
   - WATER-REDUCING ADMIXTURE MEETING ASTM C-494 SHALL BE USED TO PROVIDE SUFFICIENT FLOWABILITY FOR READILY FILLING VOIDS W/ A REASONABLE AMOUNT OF RODDING. NO ADDITIONAL WATER WILL BE ALLOWED TO IMPROVE FLOWABILITY.
   - AGGREGATE SHALL BE WELL-GRADED, 3/8" SIZE AND SMALLER.
   - ALTERNATE MIX MUST SHOW SUFFICIENT FLOWABILITY CHARACTERISTICS AND A 28-DAY COMPRESSIVE STRENGTH OF 3000 PSI.
6. MAX. HEIGHT OF GROUT POUR SHALL NOT EXCEED 4'-0" UNLESS CLEANOUT AND INSPECTION HOLE IS PROVIDED AT BOTTOM.
7. ALL REINFORCED CELLS SHALL BE GROUTED SOLID.
8. WHERE VERTICAL REINFORCING IS SPECIFIED AS HORIZONTAL REINFORCING, BOTH SHALL BE CONTINUOUS.
9. HORIZONTAL REINFORCING SHALL BE CONTINUOUS AT CORNERS WITH BEND OR SHALL HAVE CORNER BARS WITH EACH LEG EQUAL TO REQUIRED LAP LENGTH.
10. HOOKED VERTICAL DOWEL BARS SHALL BE PLACED INTO FOUNDATION AT ALL LOCATIONS WHERE VERTICAL REINFORCING IS SPECIFIED FOR WALLS OR COLUMNS. DOWELS SHALL BE SAME SIZE AS VERTICAL REINFORCING. DOWEL EMBEDMENTS AND HOOK LENGTHS ARE NOTED IN THE CHART ON THE THIS SHEET. LENGTH OF DOWELS SHALL BE ADEQUATE TO ALLOW SPLICE WITH VERTICAL BARS AS INDICATED HEREIN. WHERE SPLICES ARE REQUIRED, USE 48 BAR DIAMETERS OR 1'-4" MIN. LAP FOR ALL BARS EXCEPT JAMB REINFORCING (VERTICAL REINFORCING IN END CELLS OF WALL AND NEXT TO OPENINGS) WHICH SHALL LAP 60 BAR DIAMETERS OR 2'-0" MIN.
11. HORIZONTAL BOND BEAMS SHALL BE PROVIDED AT BASE OF WALL, TOP OF WALL, TOP OF WALL OPENINGS, STRUCTURAL FLOORS AND ROOF AND FLOOR LEVELS, THE TOP OF PARAPETS AND AS CALLED FOR ON PLANS AND NOTES. ADDITIONAL BOND BEAMS SHALL BE LOCATED AS REQUIRED SO SPACING DOES NOT EXCEED 4'-0" O.C. BOND BEAMS ABOVE AND BELOW WALL OPENINGS SHALL EXTEND 2'-0" MINIMUM BEYOND THE FACE OF OPENING UNLESS NOTED OTHERWISE. REINFORCE BOND BEAMS AS FOLLOWS:
   - 8" CMU: (1) #5 BAR CONTINUOUS
   - HORIZONTAL BOND BEAMS PARALLEL WITH ROOF SLOPE SHALL STEP TO MAINTAIN 1'-0" MIN. LAP
   - BOND BEAM 2'-0" AT STEP LOCATIONS AND PROVIDE #5 "Z" DOWELS BETWEEN BOND BEAMS.
12. GROUT AND REINFORCE ALL VERTICAL CORNER CELLS, ALL VERTICAL END CELLS, AND ONE CELL EACH SIDE OF ALL OPENINGS UNLESS SPECIFICALLY NOTED OTHERWISE AS FOLLOWS:
   - 8" CMU: (1) #5 BAR
14. MASONRY WALLS SHALL HAVE HORIZONTAL JOINTS REINFORCED WITH LADDER TRUSS TYPE JOINT REINFORCEMENT EQUAL TO "DUROWALL" AT 16" O.C.
15. PROVIDE VERTICAL REINFORCEMENT AS FOLLOWS UNLESS NOTED OTHERWISE ON THE PLANS.
   - 8" CMU: #5 BARS AT 32" O.C.
16. ALL MASONRY WALLS OVER 6'-0" TALL SHALL BE CONNECTED TO THE STRUCTURE ABOVE AT 4'-0" O.C. MAX. TYPICAL CONNECTION SHALL BE 3 1/8" x 18 GA. STRUCTURAL LGSF STUDS. EXTEND STUDS FROM TOP OF WALL TO STRUCTURE ABOVE AT APPROXIMATELY A 45 DEGREE ANGLE. CONNECT STUD TO BOND BEAM AT TOP OF MASONRY WALL WITH (1) 3/8" DIA. x 2 1/2" EMBEDMENT KWIK BOLT II EXPANSION ANCHOR. CONNECT STUD TO STRUCTURE ABOVE WITH 3" OF 18" FILLET WELD OR (2) #10 TEK SCREWS.
17. WHERE DOWELS, BOLTS OR INSERTS ARE CALLED TO BE ANCHORED TO CMU USING EPOXY ADHESIVES, USE ANCHORAGE SYSTEM EQUAL TO "HILTI" HIT-HY 270 INJECTION ADHESIVE. PROVIDE THE MANUFACTURER'S STANDARD SCREEN TUBES AT UNGROUTED CELLS. FOLLOW ALL MANUFACTURER'S RECOMMENDATIONS. ALTERNATE ANCHORAGE SYSTEMS MAY BE USED WITH ENGINEER'S PRIOR APPROVAL.
18. REFER TO TYPICAL CMU CONTROL JOINT DETAIL FOR REINFORCING AT VERTICAL CONTROL JOINTS. COORDINATE LOCATIONS AND SPACING WITH THE ARCHITECTURAL PLANS.
19. ALL LOAD BEARING MASONRY WALLS SHALL BE LAID IN A RUNNING BOND PATTERN, UNLESS OTHERWISE NOTED.

CONCRETE NOTES

1. CONCRETE FOR FOUNDATIONS, FOOTINGS AND INTERIOR SLABS ON GRADE SHALL BE AS FOLLOWS:
   - 28-DAY COMPRESSIVE STRENGTH: 3000 PSI
   - MAXIMUM WATER TO CEMENT RATIO: 0.52
   - SLUMP: 4" ±1"
2. CONCRETE FOR EXTERIOR USES, SIDEWALKS, RETAINING WALLS, BASEMENT WALLS, AND EXTERIOR SLABS ON GRADE SHALL BE AS FOLLOWS:
   - 28-DAY COMPRESSIVE STRENGTH: 4000 PSI
   - MAXIMUM WATER TO CEMENT RATIO: 0.45
   - SLUMP: 4" ±1"
   - AIR-ENTRAINING: 6% ±1%
   - AIR-ENTRAINING ADMIXTURE SHALL CONFORM TO ASTM C260.
3. CONCRETE FOR SANITARY STRUCTURES, WET WELLS, VALVE VAULTS, METER PITS, ETC
   - 28-DAY COMPRESSIVE STRENGTH: 4000 PSI
   - MAXIMUM WATER TO CEMENT RATIO: 0.44
   - SLUMP: 4" ±1"
   - AIR-ENTRAINMENT: 6% ±1%
   - AIR-ENTRAINING ADMIXTURE SHALL CONFORM TO ASTM C260.
4. NO LIME SAND FINE AGGREGATE MAY BE USED IN CONCRETE. CONCRETE SHALL BE MIXED, WITH ADMIXTURES, IN ACCORDANCE WITH ASTM C94.
5. ALL REINFORCING STEEL SHALL CONFORM TO ASTM A615 GRADE 60.
6. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185. LAP FABRIC AT ENDS AND SIDES AND ENDS. MAINTAIN WIRE 1" TO 2" BELOW TOP SURFACE OF SLABS ON GRADE. PROVIDE CHAIRS, BOLSTERS OR OTHER APPROVED MEANS TO PROPERLY LOCATE REINFORCING.
7. IF ADDITIONAL FLOWABILITY IS REQUIRED FOR PLACEMENT OF ANY CONCRETE MIX, A WATER-REDUCING ADDITIVE CONFORMING TO ASTM C494, TYPE A, D, E OR F SHALL BE USED. NO ADDITIONAL WATER MAY BE ADDED TO THE MIX AT THE SITE. SLUMP FOR CONCRETE CONTAINING WATER-REDUCING OR HIGH-RANGE WATER-REDUCING ADMIXTURE SHALL NOT EXCEED 8" AFTER ADMIXTURE IS ADDED TO CONCRETE WITH A 4" ±2" SLUMP.
8. INTERIOR SLABS SHALL HAVE SMOOTH TROWELED FINISH AND EXTERIOR SLABS SHALL HAVE LIGHT BROOM FINISH, UNO. ALL DEMISE WALLS HAVE A CURING COMPOUND COMPLYING WITH ASTM C309 APPLIED TO SURFACE. EXCEPTIONS ARE WHERE FLOOR FINISHES REQUIRE SCRATCH FINISH AND WHERE CURING COMPOUNDS ARE NOT COMPATIBLE WITH ADHESIVES, ETC.
9. CONTRACTOR SHALL COORDINATE ALL CONCRETE SEALERS, CURING COMPOUNDS, ETC TO ENSURE COMPATIBILITY WITH FLOORING ADHESIVES FOR FLOORING INSTALLED. REFER TO PLANS FOR FLOOR FINISH PLANS AS APPLICABLE.
10. TESTING OF FRESH CONCRETE SHALL BE DONE BY A QUALIFIED TESTING LABORATORY RETAINED BY THE OWNER AND APPROVED BY THE ENGINEER. TESTING SHALL INCLUDE:
    - SLUMP
    - AIR CONTENT
    - CONCRETE TEMPERATURE
    - 28 DAY CONCRETE STRENGTH
    - NOTE ANY WATER OR ADMIXTURES ADDED ON-SITE
11. REFER TO ASTM C172 AND C94. PERFORM ONE SLUMP AND ONE AIR CONTENT TEST FOR EACH DAYS POUR AND ADDITIONAL TESTS WHEN THE CONCRETE CONSISTENCY SEEMS TO HAVE CHANGED IN THE OPINION OF THE INSPECTOR. REFER TO ASTM C143, C173 AND C231. PERFORM TEMPERATURE TESTS HOURLY WHEN THE AMBIENT AIR TEMPERATURE IS BELOW 40 DEGREES F OR ABOVE 80 DEGREES F AND ONE TEMPERATURE TEST FOR EACH SET OF COMPRESSIVE-STRENGTH SPECIMENS. REFER TO ASTM C106. PERFORM ONE COMPRESSIVE-STRENGTH TEST FOR EACH DAYS POUR AND AN ADDITIONAL TEST FOR EACH 50 CUBIC YARD MORE THAN THE FIRST 25 CUBIC YARD. TEST ONE SPECIMEN AT 7 DAYS AND 2 SPECIMENS AT 28 DAYS. REFER TO ASTM C31 AND C39.
12. CONCRETE FOR GROUTING MASONRY UNITS IS SPECIFIED IN CONCRETE MASONRY UNIT NOTES.
13. WHERE FOOTINGS, WALLS, OR OTHER STRUCTURAL ELEMENTS INTERSECT, CORNER OR TEE PROVIDE CORNER BARS WITH REQUIRED LAP LENGTHS TO PROVIDE CONTINUITY OF HORIZONTAL STEEL REINFORCING UNO.
14. PROVIDE A MINIMUM OF 3" COVER FOR ANCHOR BOLTS AND LOCATE HORIZONTAL REINFORCEMENT TO THE OUTSIDE FOR ANCHOR BOLT CONTAINMENT, UNO.
15. PROVIDE TEMPORARY SHORING AND BRACING OF ALL STRUCTURAL AND MISCELLANEOUS ELEMENTS UNTIL CONCRETE HAS OBTAINED 80% OF DESIGN STRENGTH AND ALL PERMANENT BRACING ELEMENTS ARE INSTALLED.
16. UNLESS NOTED OTHERWISE, PROVIDE CONSTRUCTION JOINTS IN SLABS ON GRADE AT APPROXIMATELY 50 FEET IN EACH DIRECTION. PROVIDE CONTROL JOINTS IN SLABS ON GRADE AT APPROXIMATELY 10 FEET ON CENTER IN EACH DIRECTION. JOINTS SHALL FORM NEARLY SQUARE SHAPES. CONTRACTOR SHALL COORDINATE JOINT LOCATIONS WITH TILE LAYOUT AS SHOWN IN THE FLOOR PLANS AND FLOOR FINISH PLANS AS APPLICABLE.
17. WHERE DOWELS, BOLTS OR INSERTS ARE CALLED TO BE ANCHORED TO CAST IN PLACE OR PRECAST CONCRETE ELEMENTS USING EPOXY ADHESIVES, USE ANCHORAGE SYSTEM EQUAL TO "HILTI" HIT RE 500 INJECTION ADHESIVE. FOLLOW ALL MANUFACTURERS RECOMMENDATIONS. ALTERNATE ANCHORAGE SYSTEMS MAY BE USED WITH ENGINEER'S PRIOR APPROVAL.
18. SAWN CONTROL JOINTS SHALL BE PLACED AS SOON AS CONCRETE IS ABLE TO BE SAWN WITHOUT PULLING OUT AGGREGATE FROM FLOOR. SLABS SHALL NOT BE LEFT OVERNIGHT, OR ANY REASONABLE AMOUNT OF TIME, WITHOUT SAWING JOINTS. WEATHER

STATEMENT OF SPECIAL INSPECTIONS

1. SPECIAL INSPECTIONS ARE REQUIRED FOR THIS STRUCTURE IN ACCORDANCE WITH CHAPTER 17 OF THE INTERNATIONAL BUILDING CODE FOR THE ITEMS NOTED IN THE TABLE ON THIS SHEET
2. TESTING SHALL BE PERFORMED BY A QUALIFIED TESTING LABORATORY RETAINED BY THE OWNER AND APPROVED BY THE ENGINEER.
3. A LETTER OF SUBSTANTIAL COMPLETION SHALL BE SUBMITTED TO THE BUILDING DEPARTMENT BY THE SPECIAL INSPECTION PROVIDER PRIOR TO THE FINAL INSPECTION.

IBC TABLE 1705.6 REQUIRED VERIFICATION AND INSPECTION OF SOILS

VERIFICATION AND INSPECTION TASK	CONTINUOUS	PERIODIC
1. VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY.	—	X
2. VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL.	—	X
3. PERFORM CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS.	—	X
4. VERIFY USE OF PROPER MATERIALS, DENSITIES AND LIFT THICKNESSES DURING PLACEMENT AND COMPACTION OF COMPACTED FILL.	X	—
5. PRIOR TO PLACEMENT OF COMPACTED FILL, INSPECT SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY.	—	X

TMS 402 / 602 MASONRY SPECIAL INSPECTION - TABLE 4

VERIFICATION AND INSPECTION	FREQUENCY		REFERENCE FOR CRITERIA	
	RISK CAT. II	RISK CAT. III & IV	TMS 402	TMS 602
1. AS MASONRY CONSTRUCTION BEGINS, VERIFY THAT THE FOLLOWING ARE IN COMPLIANCE:				
A. PROPORTIONS OF SITE-PREPARED MORTAR.	PERIODIC	PERIODIC	—	ART. 2.1, 2.6 A, & 2.6 C
B. GRADE, TYPE AND SIZE OF REINFORCEMENT, CONNECTORS, ANCHOR BOLTS, AND ANCHORAGES	PERIODIC	PERIODIC	—	ART. 3.4 & 3.6 A
A. SAMPLE PANEL CONSTRUCTION	PERIODIC	CONTINUOUS	—	ART. 1.6 B
2. PRIOR TO GROUTING, VERIFY THAT THE FOLLOWING ARE IN COMPLIANCE:				
A. GROUT SPACE	PERIODIC	CONTINUOUS	—	ART. 3.2 D & 3.2 F
B. PLACEMENT OF REINFORCEMENT, CONNECTORS, AND ANCHOR BOLTS	PERIODIC	CONTINUOUS	SEC. 6.1, 6.3.1, 6.3.6, & 6.3.7	ART. 3.2 E & 3.4
C. PROPORTIONS OF SITE-PREPARED GROUT	PERIODIC	PERIODIC	—	ART. 2.6 B & 2.4 G.1.b
3. VERIFY COMPLIANCE OF THE FOLLOWING DURING CONSTRUCTION:				
A. MATERIALS AND PROCEDURES WITH THE APPROVED SUBMITTALS	PERIODIC	PERIODIC	—	ART. 1.5
B. PLACEMENT OF MASONRY UNITS AND MORTAR JOINT CONSTRUCTION	PERIODIC	PERIODIC	—	ART. 3.3 B
C. SIZE AND LOCATION OF STRUCTURAL MEMBERS	PERIODIC	PERIODIC		ART. 3.3 F
D. TYPE, SIZE, AND LOCATION OF ANCHORS, INCLUDING OTHER DETAILS OF ANCHORAGE OF MASONRY TO STRUCTURAL MEMBERS, FRAMES, OR OTHER CONSTRUCTION	PERIODIC	CONTINUOUS	SEC. 1.2.1(e), 6.2.1, & 6.3.1	—
E. WELDING OF REINFORCEMENT	CONTINUOUS	CONTINUOUS	SEC. 6.1.6.1.2	—
F. PREPARATION, CONSTRUCTION, AND PROTECTION OF MASONRY DURING COLD WEATHER (TEMP. BELOW 40°F) OR HOT WEATHER (TEMP. ABOVE 90°F)	PERIODIC	PERIODIC	—	ART. 1.8 C & 1.8 D
G. PLACEMENT OF GROUT IS IN COMPLIANCE	CONTINUOUS	CONTINUOUS	—	ART. 3.5 & 3.6 C
4. OBSERVE PREPARATION OF GROUT SPECIMENS, MORTAR SPECIMENS, AND/OR PRISMS	PERIODIC	CONTINUOUS	—	ART. 1.4 B.2.a.3, 1.4 B.2.b.3, 1.4 B.2.c.3, 1.4 B.3, & 1.4 B.4

IBC TABLE 1705.3 REQUIRED VERIFICATION AND INSPECTION OF CONCRETE CONSTRUCTION

VERIFICATION AND INSPECTION	CONTINUOUS	PERIODIC	REFERENCED STANDARD	IBC REFERENCE
1. INSPECT REINFORCEMENT, INCLUDING PRESTRESSING TENDONS, AND VERIFY PLACEMENT.	—	X	ACI 318 CH. 20, 25.2,25.3, 26.6.1-26.6.3	1908.4
2. REINFORCING BAR WELDING: A. VERIFY WELDABILITY OF REINFORCING BARS OTHER THAN ASTM A706; B. INSPECT SINGLE-PASS FILLET WELDS, MAXIMUM 5/16"; AND C. INSPECT ALL OTHER WELDS	— — X	X X	AWS D1.4 ACI 318: 26.6.4	—
3. INSPECT ANCHORS CAST IN CONCRETE.	—	X	ACI 318: 17.8.2	—
4. INSPECT ANCHORS POST-INSTALLED IN HARDENED CONCRETE MEMBERS. A. ADHESIVE ANCHORS INSTALLED IN HORIZONTALLY OR UPWARDLY INCLINED ORIENTATIONS TO RESIST SUSTAINED TENSION LOADS B. MECHANICAL ANCHORS AND ADHESIVE ANCHORS NOT DEFINED IN 4.	X —	— X	ACI 318: 17.8.2.4 ACI 318: 17.8.2	—
5. VERIFY USE OF REQUIRED DESIGN MIX.	—	X	ACI 318: CH. 19, 26.4.3, 26.4.4	1904.1, 1904.2, 1908.2, 1908.3
6. PRIOR TO CONCRETE PLACEMENT, FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE.	X	—	ASTM C 172 ASTM C 31 ACI 318: 26.5, 26.12	1908.10
7. INSPECTION OF CONCRETE AND SHOTCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES.	X	—	ACI 318: 26.5	1908.6, 1908.7, 1908.8
8. VERIFY MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES.	—	X	ACI 318: 26.5.3-26.5.5	1910.9
9. INSPECT PRESTRESSED CONCRETE FOR: A. APPLICATION OF PRESTRESSING FORCES; AND B. GROUTING OF BONDED PRESTRESSING TENDONS.	X X	— —	ACI 318: 26.10	—
10. INSPECT ERECTION OF PRECAST CONCRETE MEMBERS.	—	X	ACI 318: CH. 26.9	—
11. VERIFY IN-SITU CONCRETE STRENGTH, PRIOR TO STRESSING OF TENDONS IN POST-TENSIONED CONCRETE AND PRIOR TO REMOVAL OF SHORES AND FORMS FROM BEAMS AND STRUCTURAL SLABS.	—	X	ACI 318: 26.11.2	—
12. INSPECT FORMWORK FOR SHAPE, LOCATION AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED.	—	X	ACI 318: 26.11.1.2(b)	—

REQUIRED VERIFICATION AND INSPECTION OF STEEL CONSTRUCTION OTHER THAN STRUCTURAL STEEL

VERIFICATION AND INSPECTION	CONTINUOUS	PERIODIC	REFERENCED STANDARD
1. MATERIAL VERIFICATION OF COLD-FORMED STEEL DECK:			
A. IDENTIFICATION MARKINGS TO CONFORM TO ASTM STANDARDS SPECIFIED IN THE APPROVED CONSTRUCTION DOCUMENTS.	—	X	APPLICABLE ASTM MATERIAL STANDARDS
B. MANUFACTURER'S CERTIFIED TEST REPORTS	—	X	
2. INSPECTION OF WELDING:			
A. COLD-FORMED STEEL DECK:			
a. FLOOR AND ROOF DECK WELDS.	—	X	AWS D1.3
B. REINFORCING STEEL:			
a. VERIFICATION OF WELDABILITY OF REINF STEEL OTHER THAN ASTM A 706.	—	X	AWS D1.4 ACI 318: SECTION 3.5.2
b. REINFORCING STEEL RESISTING FLEXURAL AND AXIAL FORCES IN INTERMEDIATE AND SPECIAL MOMENT FRAMES, AND BOUNDARY ELEMENTS OF SPECIAL STRUCTURAL WALLS OF CONCRETE AND SHEAR REINFORCEMENT.	X	—	
c. SHEAR REINFORCEMENT.	X	—	
d. OTHER REINFORCING STEEL.	—	X	

AISC 360-10 REQUIRED VERIFICATION AND INSPECTION OF STEEL CONSTRUCTION

VERIFICATION AND INSPECTION	CONTINUOUS	PERIODIC	REFERENCED STANDARD
1. MATERIAL VERIFICATION OF HIGH-STRENGTH BOLTS, NUTS AND WASHERS:			
A. IDENTIFICATION MARKINGS TO CONFORM TO ASTM STANDARDS SPECIFIED IN THE APPROVED CONSTRUCTION DOCUMENTS.	—	X	APPLICABLE ASTM MATERIAL SPECIFICATIONS; AISC 360, SECTION A3
B. MANUFACTURER'S CERTIFICATE OF COMPLIANCE REQUIRED.	—	X	—
2. INSPECTION OF HIGH-STRENGTH BOLTING:			
A. BEARING-TYPE CONNECTIONS.	—	X	AISC 360, SECTION N5.6
B. SLIP-CRITICAL CONNECTIONS.	X	X	AISC 360, SECTION N5.6, TABLES N5.6-1, 2 & 3
3. MATERIAL VERIFICATION OF STRUCTURAL STEEL:			
A. IDENTIFICATION MARKINGS TO CONFORM TO ASTM STANDARDS SPECIFIED IN THE APPROVED CONSTRUCTION DOCUMENTS.	—	—	ASTM A 6 OR ASTM A 568
B. MANUFACTURERS' CERTIFIED MILL TEST REPORTS.	—	—	ASTM A 6 OR ASTM A 568
4. MATERIAL VERIFICATION OF WELD FILLER MATERIALS:			
A. IDENTIFICATION MARKINGS TO CONFORM TO AWS SPECIFICATION IN THE APPROVED CONSTRUCTION DOCUMENTS.	—	—	AISC 360, SECTION A3.5
B. MANUFACTURER'S CERTIFICATE OF COMPLIANCE REQUIRED.	—	—	—
5. INSPECTION OF WELDING:			AISC 360 SECTION N5.4, TABLES N5.4-1, 2 & 3
A. STRUCTURAL STEEL:			
a. COMPLETE AND PARTIAL PENETRATION GROOVE WELDS.	X	—	AWS D1.1
b. MULTIPASS FILLET WELDS.	X	—	
c. SINGLE-PASS FILLET WELDS > 5/16	X	—	
d. SINGLE-PASS FILLET WELDS ≤ 5/16	—	X	
e. FLOOR AND ROOF DECK WELDS.	—	X	AWS D1.3
B. REINFORCING STEEL:			
a. VERIFICATION OF WELDABILITY OF REINF STEEL OTHER THAN ASTM A 706.	—	X	AWS D1.4 OR ACI 318: 26.6.4
b. REINFORCING STEEL-RESISTING FLEXURAL AND AXIAL FORCES IN INTERMEDIATE AND SPECIAL MOMENT FRAMES, AND BOUNDARY ELEMENTS OF SPECIAL REINFORCED CONCRETE SHEAR WALLS AND SHEAR REINFORCEMENT.	X	—	
c. SHEAR REINFORCEMENT.	X	—	—
d. OTHER REINFORCING STEEL.	—	X	—
6. INSPECTION OF STEEL FRAME JOINT DETAILS FOR COMPLIANCE WITH APPROVED CONSTRUCTION DOCUMENTS:			AISC 360 SECTION N5.8
A. DETAILS SUCH AS BRACING AND STIFFENING.	—	X	
B. MEMBER LOCATIONS.	—	—	
C. APPLICATION OF JOINT DETAILS AT EACH CONNECTION.	—	—	

SCHEDULE - SPECIAL INSPECTIONS 2018

STATE OF MISSOURI
CHARLES M. TAYLOR
NUMBER PE-2010014241
PROFESSIONAL ENGINEER
06/09/2021

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MO CERTIFICATE OF AUTHORITY NO: E-2011011004

PROJECT DESCRIPTION: BLRL MONETT LIBRARY

SHEET NUMBER: S0-1

SPECIAL INSPECTION

PROJECT NUMBER: 19-556

PROJECT ADDRESS

DATE: 5/27/2021

PROJECT ENGINEER: CHARLES M. TAYLOR
DRAWN BY: FEM
CHECKED BY: CMT

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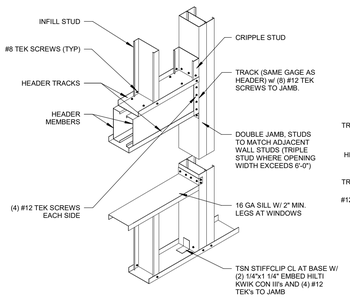
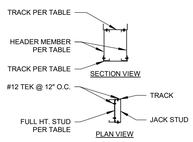
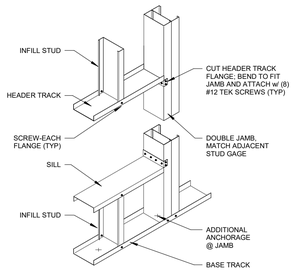




HEADER/SILL DETAIL AT EXTERIOR NON-LOAD BEARING WALL



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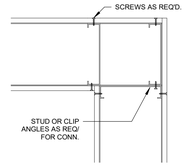
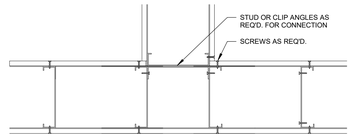
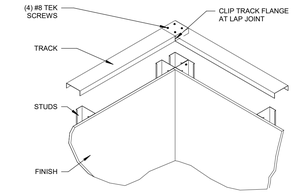


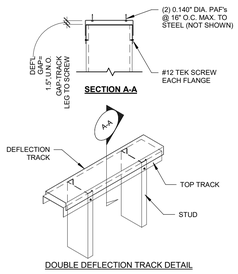
TYPICAL CORNER DETAIL



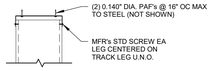
WALL INTERSECTION FRAMING

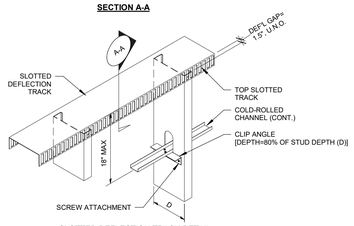


TYPICAL TRACK AT CORNER

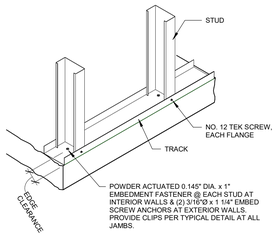


DOUBLE DEFLECTION TRACK DETAIL

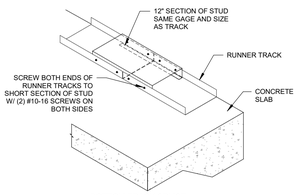




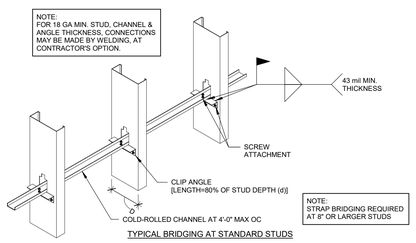
SLOTTED DEFLECTION TRACK DETAIL



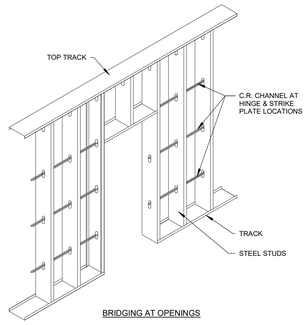
TYPICAL NON-LOAD BEARING TRACK ANCHORAGE



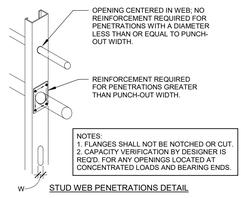
BOTTOM TRACK SPLICE



TYPICAL BRIDGING AT STANDARD STUDS

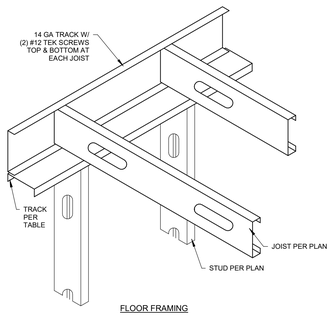


BRIDGING AT OPENINGS



NOTES:
1. FLANGES SHALL NOT BE NOTCHED OR CUT.
2. CAPACITY VERIFICATION BY DESIGNER IS REQ'D. FOR ANY OPENINGS LOCATED AT CONCENTRATED LOADS AND BEARING ENDS.

STUD WEB PENETRATIONS DETAIL



FLOOR FRAMING

1 TYPICAL LIGHT GAGE FRAMING DETAILS

BOX HEADERS/SILLS IN NON-LOAD BEARING WALLS (UNO)

OPENING WIDTH	MINIMUM HEADER SIZE	
INTERIOR	HEADER MEMBER	TRACK
4' OR LESS	SINGLE 600S200-43	-
4'-1" TO 7'-0"	BOXED 600S162-43	362/600T125-33
7'-0" TO 11'-0"	BOXED 600S200-54	362/600T125-43

NOTES:
1. WHERE HEADERS CAN BE BRACED BY KICKERS @ 4'-0" O.C. AND ARE NOT SUPPORTING VERTICAL LOADS, A BOX HEADER IS NOT REQUIRED. PROVIDE TRACK MATCHING STUD SIZE AND GAGE (MIN. TO BE 18GA).
2. HEADERS SHALL NOT SUPPORT BRICK LOAD.
3. STUD AND TRACK SIZES SHOWN ARE MINIMUMS. DEPTHS SHALL BE COORDINATED W/ ARCH.
4. TRACKS AT BOXED HEADERS SHALL MATCH ADJACENT WALL STUD THICKNESS, U.N.O.

INTERIOR NON-LOAD BEARING WALL STUD SIZES (UNO)

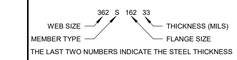
MAX WALL HEIGHT (FEET)	STUD SIZE	SPACING (INCHES)	REQUIRED BRIDGING
12'-0"	362S125-33	24	MANUFACTURER'S STANDARD @ 48" O.C.
12'-0"	600S125-33	24	MANUFACTURER'S STANDARD @ 48" O.C.

1. MAXIMUM STUD SPACING OF 16".
2. SEE ARCHITECTURAL DRAWINGS FOR STUD DEPTHS.
3. STUD SIZES LISTED ARE BASED ON CLARK DIETRICH STUDS. ALTERNATE STUDS MEETING OR EXCEEDING STUD CAPACITIES SHOWN MAY BE SUBMITTED.
4. ALL STUD WALLS SHALL BE BRACED WITH MECHANICAL BRIDGING AT 48" MAX. O.C.
5. WALL HEIGHTS SHOWN ARE FOR INTERIOR, NON-LOAD BEARING WALLS ONLY. WALLS SHALL BE FULLY SUPPORTED LATERALLY AT THE TOP OF WALL.
6. WALLS SUPPORTING COUNTERTOPS, HUNG PARTITIONS, WALL MOUNTED FIXTURES, OR OTHER SUCH ITEMS SHALL BE VERIFIED BY THE STUD MANUFACTURER.
7. TRACK THICKNESS SHALL MATCH STUD THICKNESS, EXCEPT HEAVIER STUDS SHALL BE USED AS NOTED. BOTTOM TRACK LEG LENGTH SHALL BE 1 1/4" MINIMUM OTHERWISE. DEFLECTION TRACKS SHALL HAVE 3" LEGS AND BE 18 GA MINIMUM.

COLD-FORMED STEEL NOTES

PRODUCT IDENTIFICATION

THE AMERICAN IRON AND STEEL INSTITUTE STANDARDS ARE USED IN THIS PACKAGE. ANY MANUFACTURER WHOSE PRODUCT GEOMETRIES MEETS OR EXCEED AISI STANDARDS ARE ACCEPTABLE.



THE LAST TWO NUMBERS INDICATE THE STEEL THICKNESS

1. COLD-FORMED STEEL FABRICATION AND INSTALLATION SHALL BE IN ACCORDANCE WITH AISI "STANDARD FOR COLD-FORMED STEEL FRAMING - GENERAL PROVISIONS."
2. WELDING OF COLD-FORMED STEEL SHALL BE IN ACCORDANCE WITH THE STANDARD CODE OF ARC AND GAS WELDING IN BUILDING CONSTRUCTION.
3. AXIALLY LOADED STUDS SHALL BE POSITIONED DIRECTLY UNDER JOIST BEARING POINTS WHENEVER POSSIBLE.
4. STUDS SHALL NOT BE SPLICED.
5. PROVIDE MANUFACTURER'S STANDARD BRIDGING AS NOTED ON STUD TABLES (4' MAX U.N.O.).
6. PROVIDE DOUBLE STUDS, MINIMUM, AT ALL PARTITION ENDS, EACH SIDE OF OPENINGS, AND WHERE INDICATED ON DRAWINGS.
7. PROVIDE DEFLECTION TRACK OR CLIPS AT HEADS OF ALL NON LOAD-BEARING WALLS.
8. MINIMUM TRACK SIZE SHALL MATCH STUD SIZE U.N.O.
9. SEE STANDARD LIGHT GAGE DETAILS AND STUD CHARTS FOR ADDITIONAL INFORMATION.
10. ALIGN WEB PUNCHOUTS IN STUD WALLS. WEB PUNCHOUTS MUST BE LOCATED A MINIMUM OF 10" AWAY FROM THE STUD END.
11. MINIMUM YIELD STRENGTH FOR 18 AND 20 GA COLD-FORMED MEMBERS SHALL BE 33 KSI. MINIMUM YIELD STRENGTH FOR 16 GA AND HEAVIER COLD-FORMED MEMBERS SHALL BE 50 KSI.
12. HEADERS AND BUILT-UP BEAMS SHALL BE FORMED FROM UNPUNCHED MEMBERS.
13. STUDS SHALL NOT BE NOTCHED, SPLICED, OR COPED WITHOUT WRITTEN APPROVAL OF ENGINEER.
14. CUTTING OF STUDS SHALL BE DONE BY SAWING, SHEARING, OR PLASMA CUTTING. OTHER METHODS OF CUTTING ARE NOT PERMITTED WITHOUT APPROVAL OF ENGINEER.
15. SEE SPECIFICATIONS FOR ADDITIONAL STRUCTURAL COLD-FORMED FRAMING REQUIREMENTS. ALL MATERIALS AND WORK SHALL CONFORM TO THE CODE LISTED IN THESE DRAWINGS. THESE NOTES GIVE MINIMUM REQUIREMENTS. WHERE CONFLICTS ARISE BETWEEN THE CODE, THE DRAWINGS, AND THE STRUCTURAL NOTES, THE MORE STRINGENT REQUIREMENT SHALL CONTROL.

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06/09/2021

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SHEET NUMBER: **S0-2**
GENERAL NOTES & DETAILS - LGMF

PROJECT NUMBER: 19-556
PROJECT ADDRESS
PROJECT ENGINEER: Approver
DRAWN BY: Designer
CHECKED BY: Checker
DATE: 5/27/2021

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PLAN NOTES - FOUNDATION

1. PROVIDE ADDITIONAL REINFORCING AS NOTED ON PLANS AND DETAILS.
2. WHERE ONLY ONE CURTAIN OF REINFORCING IS REQUIRED BARS SHALL BE CENTERED IN WALL.
3. COORDINATE ALL OPENING DIMENSIONS WITH ARCHITECTURAL.
4. DOWEL ALL SIDEWALKS AT DOORS TO BUILDINGS SLAB WITH #4 x 24" DOWELS @ 16" O.C. MAX. GREASE ONE END.
5. ALL TOP OF EXTERIOR FOOTING ELEVATIONS ARE 98' - 0" U.N.O.
6. ALL TOP OF INTERIOR FOOTING ELEVATIONS ARE 99'-4" U.N.O.
7. ALL TOP OF STEM WALL ELEVATIONS ARE 99'-4" U.N.O.
8. ALL TOP OF PEDESTAL ELEVATION ARE 99'-4" U.N.O.
9. COORDINATE ALL DIMENSIONS WITH ARCHITECTURAL PRIOR TO CONSTRUCTION.
10. COORDINATE ALL UNDERSLAB PLUMBING, DRAINS, ETC. WITH ARCHITECTURAL AND MEP.
11. SLOPE FLOORS TO FLOOR DRAINS. COORDINATE SLOPE EXTENTS WITH ARCHITECTURAL AND MEP.
12. PROVIDE CONTROL JOINTS PER DETAILS ON SHEET S2-1 AND GENERAL NOTES.
13. SEE SHEET S0-0 FOR BASEPLATE AND ANCHOR BOLT INFORMATION.
14. PROVIDE SLAB BLOCKOUTS, SIZED AS REQUIRED, AT RECESSED COLUMN LOCATIONS.

WALL LEGEND

- HATCH INDICATES 8" CMU WALL PER GENERAL NOTES.

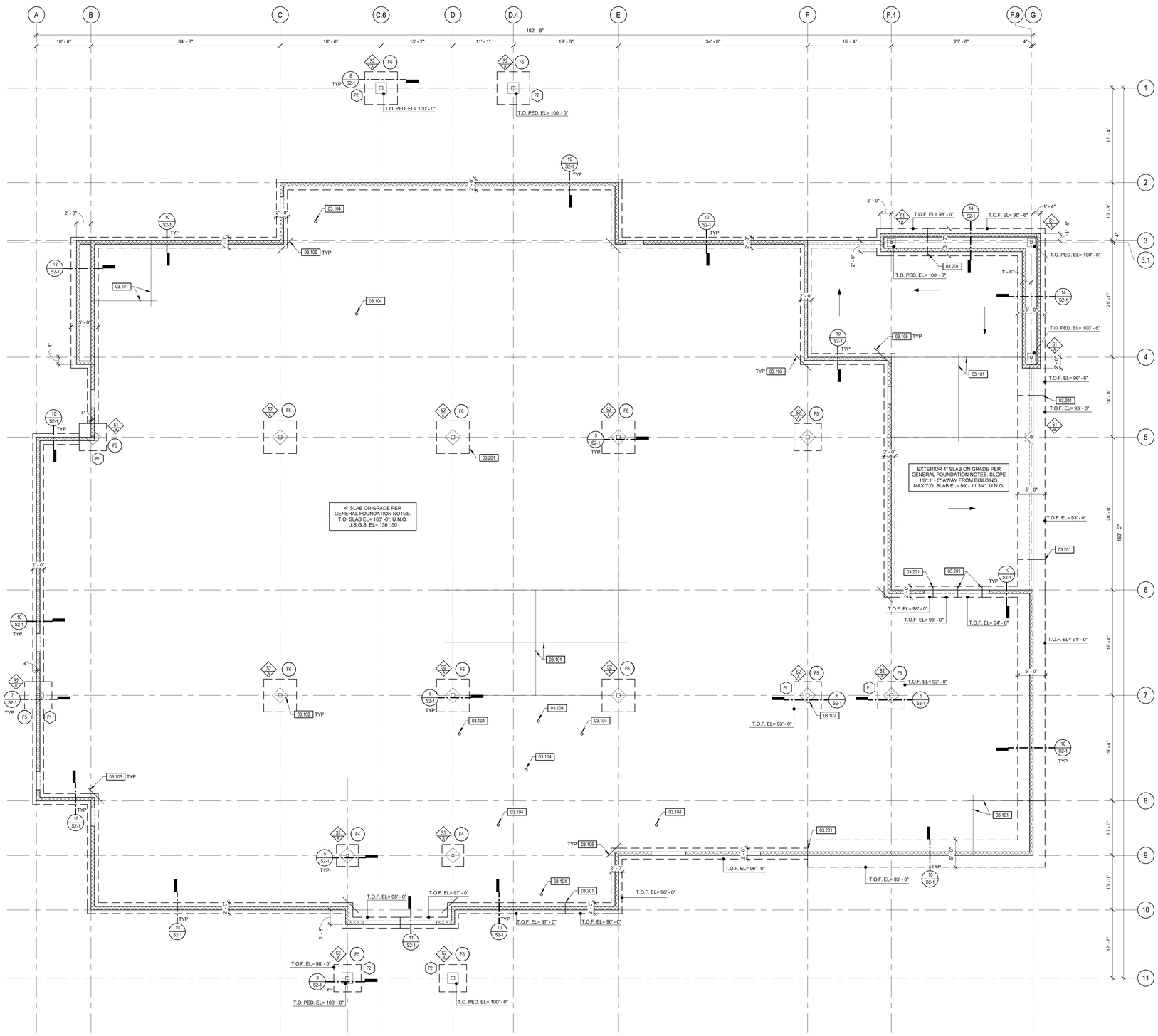
COLUMN SCHEDULE				
TYPE MARK	COLUMN SIZE	BASE PLATE TYPE & SIZE	ANCHOR BOLT SIZE	NOTES
S1	HSS5X5X3/8	3/4"x12"x12"	3/4" DIA.	
S2	HSS8X8X5/16	3/4"x14"x14"	1" DIA.	

PEDESTAL SCHEDULE		
TYPE MARK	COLUMN SIZE	NOTES
P1	16 x 16	SEE DETAIL
P2	24 x 24	SEE DETAIL

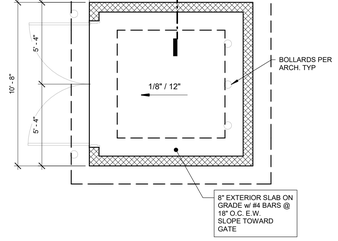
SHALLOW FOOTING SCHEDULE			
NOTE: FOOTINGS ARE CENTERED ON COLUMNS UNLESS NOTED OTHERWISE.			
FOOTING MARK	FOOTING SIZE	REINFORCING	NOTES
F4	4'-0"x4'-0"x1'-2"	(5) #5's E.W. T&B	
F5	5'-0"x5'-0"x1'-3"	(6) #5's E.W. T&B	
F6	6'-0"x6'-0"x1'-6"	(7) #6's E.W. T&B	

CONTINUOUS FOOTING SCHEDULE			
FOOTING MARK	FOOTING SIZE	REINFORCING	NOTES
WF1	2'-0"W x 1'-2"T	#5's @ 12" O.C. E.W. BOTTOM	
WF2	5'-0"W x 1'-2"T	#5's @ 12" O.C. E.W. T&B	

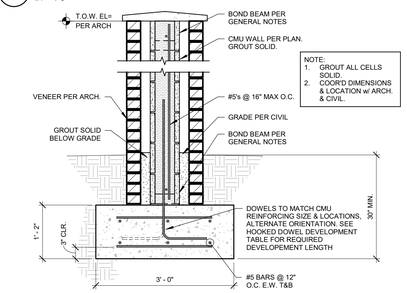
KEYNOTE LEGEND	
KEYNOTE	DESCRIPTION
03.101	LINE INDICATES SLAB CONTROL JOINTS. REFER TO CONCRETE SLAB JOINTS DETAIL FOR REQUIREMENTS. JOINTS ARE SHOWN IN ONE BAY ONLY FOR CLARITY.
03.102	DIAMOND OR ROUND BLOCKOUT AT EACH RECESSED STEEL COLUMN, SIZE TO ALLOW FOR PROPER ERECTION OF COLUMN. REFER TO ISOLATION JOINT DETAIL.
03.104	SLOPE SLAB TO DRAIN AT APPROX. 1/8" PER FOOT. COORDINATE EXTENTS OF SLOPE WITH ARCH AND MEP DRAWINGS.
03.105	PROVIDE #4 BAR x 4'-0" LONG CENTERED IN SLAB AT RE-ENTRANT CORNERS, SEE TYPICAL SLAB ON GRADE REINFORCING DETAIL. NOT ALL LOCATIONS ARE SHOWN IN PLAN.
03.201	FOOTING STEP AT OR NEAR THIS LOCATION, REFER TO TYPICAL STEP FOOTING DETAIL. COORDINATE LOCATION WITH FINISH GRADE.



1 FOUNDATION PLAN
1/8" = 1'-0"



2 TRASH ENCLOSURE PLAN
1/4" = 1'-0"



3 MONUMENT SIGN DETAIL
3/4" = 1'-0"

REVISIONS

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MO CERTIFICATE OF AUTHORITY NO: E-2011011004

STATE OF MISSOURI
CHARLES M. TAYLOR
NUMBER PE-2010014241
PROFESSIONAL ENGINEER
06/09/2021

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SHEET NUMBER: **S1-1**
PROJECT DESCRIPTION: BLRL MONETT LIBRARY
FOUNDATION PLAN
PROJECT NUMBER: 19-556
PROJECT ADDRESS
DATE: 5/27/2021
PROJECT ENGINEER: CHARLES M. TAYLOR
DRAWN BY: FEM
CHECKED BY: CMT
BIM 360:/BLRL Monett Library/S-STRU-BLRL_R19_Cloud.rvt

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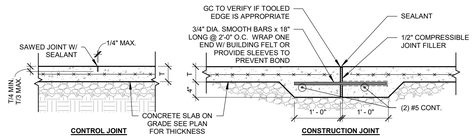
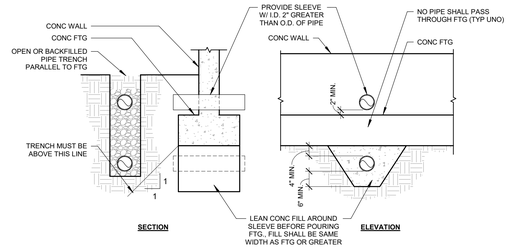
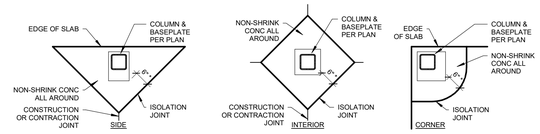


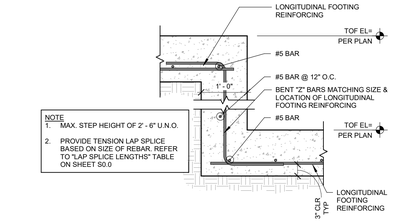
1 CONCRETE SLAB JOINTS
3/4" = 1'-0"



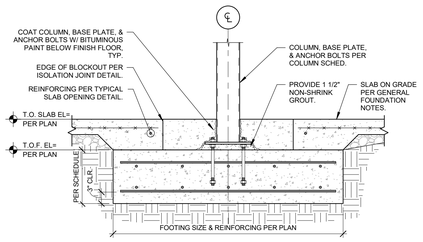
2 PIPE PENETRATION DETAIL
1/2" = 1'-0"



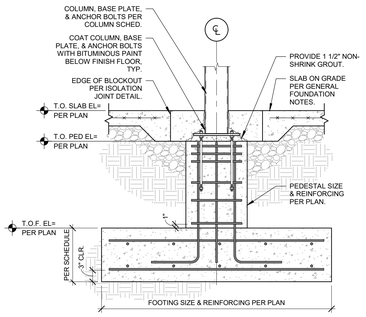
3 ISOLATION JOINT DETAILS
1/2" = 1'-0"



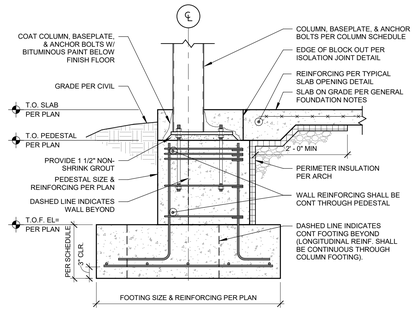
4 TYPICAL FOOTING STEP
3/4" = 1'-0"



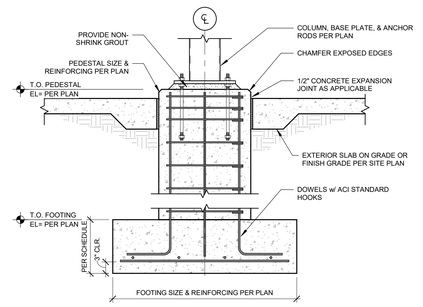
5 3000 - SECTION AT INTERIOR COLUMN
3/4" = 1'-0"



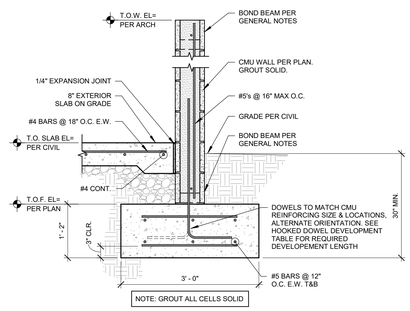
6 INTERIOR COLUMN FOOTING W/ PEDESTAL
3/4" = 1'-0"



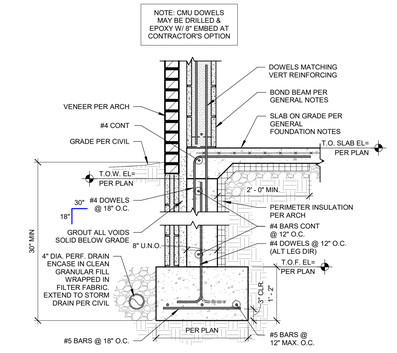
7 DETAIL AT EXTERIOR COLUMN
3/4" = 1'-0"



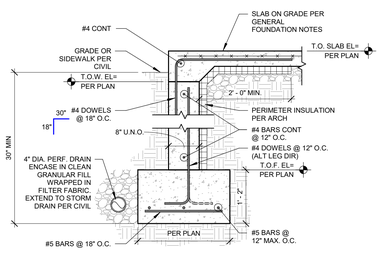
8 TYPICAL EXTERIOR COLUMN w/ PEDESTAL
3/4" = 1'-0"



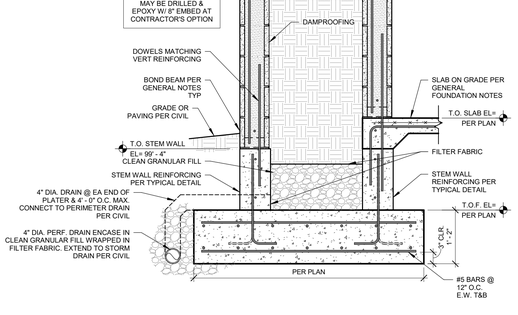
9 TRASH ENCLOSURE DETAIL
3/4" = 1'-0"



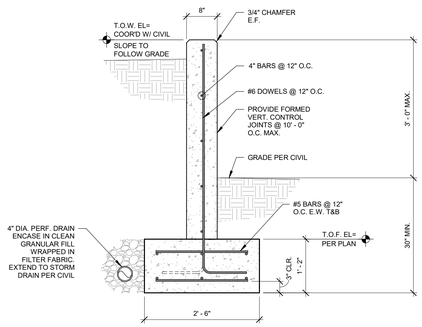
10 TYPICAL EXTERIOR STEM WALL WITH VENEER
3/4" = 1'-0"



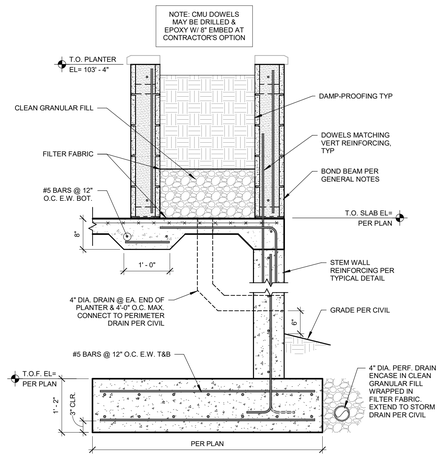
11 STEM WALL DETAIL AT DOOR
3/4" = 1'-0"



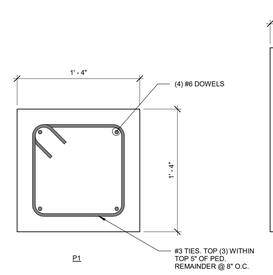
12 PLANTER DETAIL AT BUILDING
3/4" = 1'-0"



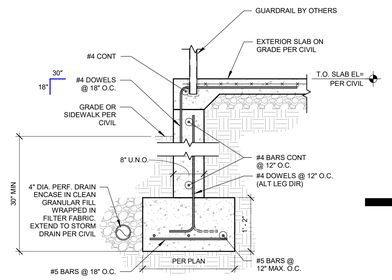
13 SITE RETAINING WALL DETAIL
3/4" = 1'-0"



14 PLANTER DETAIL AT PATIO
3/4" = 1'-0"



15 PEDESTAL DETAIL
1 1/2" = 1'-0"



16 MECHANICAL ROOM STOOP STEM WALL DETAIL
3/4" = 1'-0"

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NUMBER PE-2010014241
STATE OF MISSOURI
PROFESSIONAL ENGINEER
06/09/2021

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MO CERTIFICATE OF AUTHORITY NO: E-2011011004

PROJECT DESCRIPTION: BLRL MONETT LIBRARY

SHEET NUMBER: S2-1
FOUNDATION DETAILS

PROJECT ADDRESS

PROJECT NUMBER: 19-556

DATE: 5/27/2021

PROJECT ENGINEER: CHARLES M. TAYLOR
DRAWN BY: FEM
CHECKED BY: CMT

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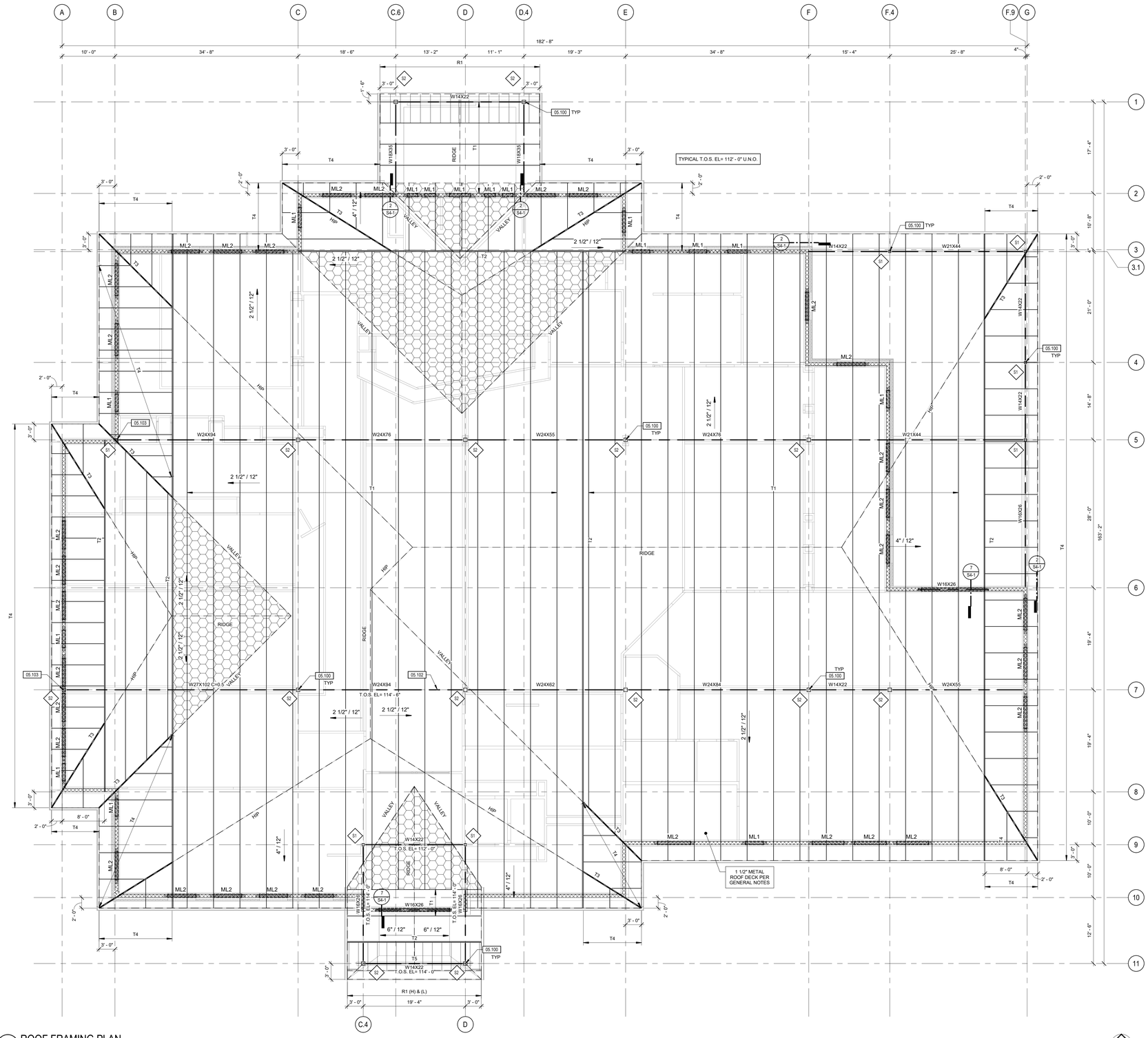

PLAN NOTES - FRAMING

1. COORDINATE ALL SUSPENDED EQUIPMENT LOCATIONS AND WEIGHTS WITH MEP AND ARCH.
2. COORDINATE ROOF PENETRATIONS WITH MEP AND ARCH. PROVIDE SUPPLEMENTAL FRAMING PER NOTES AND DETAILS AT OPENINGS.
3. PROVIDE TRUSS BRIDGING AS REQUIRED BY THE TRUSS PROVIDER. COORDINATE BRIDGING LOCATIONS WITH OTHER TRADES.

COLUMN SCHEDULE				
TYPE MARK	COLUMN SIZE	BASE PLATE TYPE & SIZE	ANCHOR BOLT SIZE	NOTES
S1	HSS5X5X3/8	3/4"x12"x12"	3/4" DIA.	
S2	HSS8X8X5/16	3/4"x14"x14"	1" DIA.	

TRUSS SCHEDULE	
T1	PRE-ENGINEERED LIGHT GAGE TRUSSES @ 5' - 0" O.C. MAX.
T2	PRE-ENGINEERED GIRDER TRUSS.
T3	PRE-ENGINEERED HIP TRUSS.
T4	PRE-ENGINEERED JACK TRUSSES @ 4' - 0" O.C. MAX.
T5	PRE-ENGINEERED LIGHT GAGE GABLE ENDWALL TRUSS.
R1	6" OUTLOOKERS @ 24" O.C. BY TRUSS SUPPLIER.

KEYNOTE LEGEND	
KEYNOTE	DESCRIPTION
05.100	BEAM/COLUMN CONNECTION PER 6/S4.1.
05.102	UPSET STEEL BEAM INTO TRUSS. STEP TRUSS BOTTOM CHORD TO BEAR ON TOP OF BEAM AT THIS BEAM ONLY.
05.103	PROVIDE 1/2" DIA. x 24" D.B.A.'s @ 24" O.C. EA. SIDE OF COLUMN INTO GROUTED CELLS.

LEGEND

- HATCH INDICATES LIGHT GAGE TRUSS OVERBUILD @ 5' - 0" O.C. MAX. DO NOT INSTALL DECKING BETWEEN MAIN TRUSSES AND OVERBUILD. DO NOT CREATE AN ENCLOSED SPACE.

WALL LEGEND

- HATCH INDICATES 8" CMU WALL PER GENERAL NOTES.

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06/09/2021

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PROJECT DESCRIPTION: BLRL MONETT LIBRARY

SHEET NUMBER: S3-1

ROOF FRAMING PLAN

PROJECT NUMBER: 19-556

PROJECT ADDRESS

PROJECT ENGINEER: CHARLES M. TAYLOR
DRAWN BY: FEM
CHECKED BY: CMT

DATE: 5/27/2021

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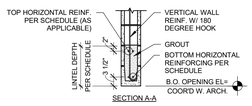
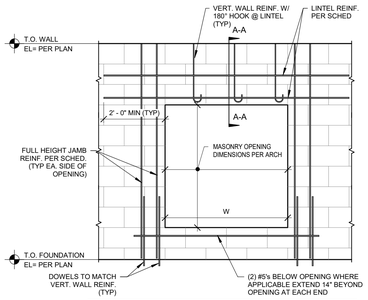


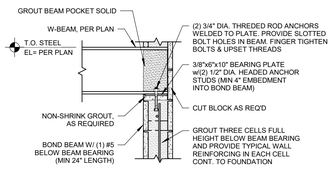
SECTION A-A



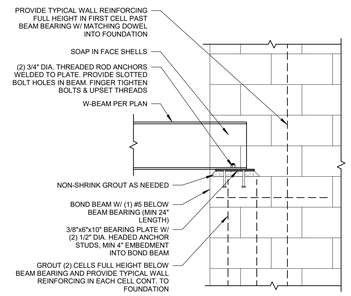
MASONRY LINTEL SCHEDULE

MARK	WALL THICKNESS	LINTEL DEPTH	LINTEL REINFORCING	MAX CLEAR OPENING (W)	JAMB REINFORCING
ML1	8"	8"	(2) #5's BOT	4' - 0"	(2) #5's IN (1) CELL
ML2	8"	16"	(1) #5's T&B	8' - 0"	(2) #5's IN (1) CELL

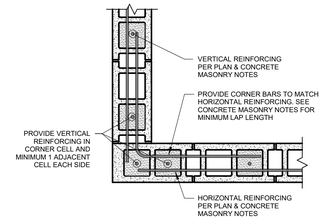
1 MASONRY DETAIL AT CMU OPENING
1/2" = 1'-0"



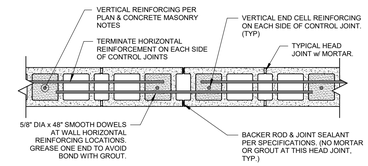
2 BEAM BEARING PERPENDICULAR TO CMU WALL
3/4" = 1'-0"



3 BEAM BEARING PARALLEL TO CMU WALL
3/4" = 1'-0"



4 TYPICAL CORNER BARS - 8" CMU
1" = 1'-0"



NOTE: LOCATE VERTICAL CONTROL JOINTS @ 20'-0" O.C. (MAXIMUM) AND AS FOLLOWS: WITHIN 10'-0" OF EACH SIDE OF THE INTERSECTION OF TWO OR MORE WALLS, INCLUDING CORNERS; NOT MORE THAN 10'-0" OR LESS THAN 2'-0" FROM THE EDGE OF ALL OPENINGS, AND ON EACH SIDE OF ALL PILASTERS.

5 TYPICAL CMU CONTROL JOINT DETAIL - 8" CMU
1" = 1'-0"

6 TYPICAL BEAM TO COLUMN CONNECTION
1" = 1'-0"

7 MASONRY LINTEL DETAIL
1" = 1'-0"

8 TRUSS BEARING DETAIL AT BEAM
3/4" = 1'-0"

9 TRUSS BEARING DETAIL AT CMU
3/4" = 1'-0"

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PROFESSIONAL ENGINEER
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PHONE: 417-708-9315

MO CERTIFICATE OF AUTHORITY NO: E-2011011004

SHEET NUMBER: **S4-1**

PROJECT DESCRIPTION: BLRL MONETT LIBRARY
FRAMING DETAILS

PROJECT NUMBER: 19-556
DATE: 5/27/2021

PROJECT ADDRESS

PROJECT ENGINEER: CMT
DRAWN BY: FEM
CHECKED BY: JOM

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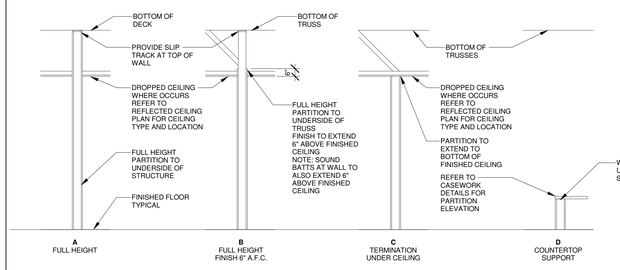
TOP OF PARTITION LEGEND



EXTERIOR WALL SCHEDULE

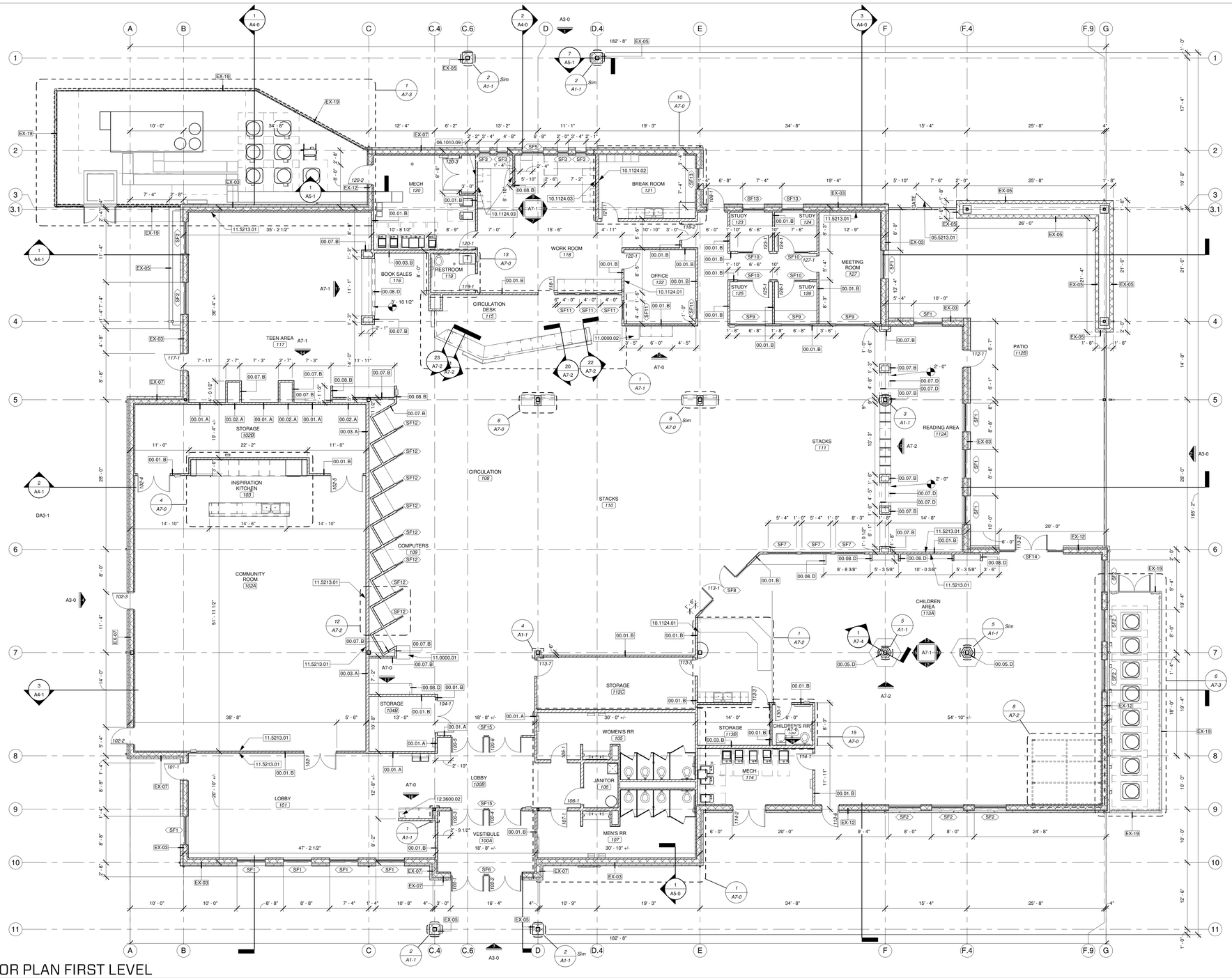
WALL TAG	ASSEMBLY DESCRIPTION
EX-03	BRICK TYPE 1 WITH WATER REPELLENT ON BRICK TIES WITH 1 1/2" AIR GAP MINIMUM OVER 2" CONTINUOUS RIGID INSULATION OVER FLUID APPLIED AIR BARRIER OVER STRUCTURAL 8" CONCRETE MASONRY UNIT WITH 2 1/2" METAL STUDS AT 24" O.C. WITH BATT INSULATION AND 5/8" GYPSUM WALLBOARD ON INTERIOR FINISH FACE. SEE A1 AND A9 SERIES SHEETS FOR INTERIOR WALL FINISHES.
EX-04	2" CONTINUOUS RIGID INSULATION OVER 5/8" GLASS MAT FACED GYPSUM WITH FLUID APPLIED AIR BARRIER OVER 6" METAL STUDS AT 24" O.C. MAXIMUM WITH BATT INSULATION.
EX-05	8" SPLIT FACE CONCRETE MASONRY UNIT WITH WATER REPELLENT
EX-07	4" SPLIT FACE CMU WITH WATER REPELLENT WITH 1 1/2" AIR GAP MINIMUM OVER 2" CONTINUOUS RIGID INSULATION AND FLUID APPLIED AIR BARRIER OVER STRUCTURAL 8" CONCRETE MASONRY UNIT WITH 2 1/2" METAL STUDS AT 24" O.C. WITH BATT INSULATION AND 5/8" GYPSUM WALLBOARD ON INTERIOR FINISH FACE. SEE A1 AND A9 SERIES SHEETS FOR INTERIOR WALL FINISHES.
EX-10	PRE-FINISHED METAL WALL PANELS. INSTALL HORIZONTALLY, OVER 2" VERTICAL Z-CHANNELS AT 16" O.C. WITH 2" CONTINUOUS RIGID INSULATION OVER 5/8" GLASS MAT FACED GYPSUM WITH FLUID APPLIED AIR BARRIER OVER 6" METAL STUDS AT 24" O.C. MAXIMUM.
EX-12	PRE-FINISHED METAL WALL PANELS. INSTALL HORIZONTALLY, OVER 2" VERTICAL Z-CHANNELS AT 16" O.C. WITH 2" CONTINUOUS RIGID INSULATION WITH FLUID APPLIED AIR BARRIER OVER STRUCTURAL 8" CONCRETE MASONRY UNIT WITH 2 1/2" METAL STUDS WITH BATT INSULATION AND 5/8" GYPSUM BOARD WALLBOARD ON INTERIOR FINISH FACE. SEE A1 AND A9 SERIES SHEETS FOR INTERIOR WALL FINISHES.
EX-19	PAINTED WOOD PRIVACY FENCING
EX-21	BRICK TYPE 1 ON BOTH SIDES WITH WATER REPELLENT ON BRICK TIES WITH 1 1/2" AIR GAP MINIMUM OVER STRUCTURAL 8" CONCRETE MASONRY UNIT

PARTITION TYPE SCHEDULE

TAG	CONSTRUCTION DESCRIPTION	WIDTH	UL RATING	STC	SOUND BATT
00.01	3-5/8" METAL STUDS AT 24" O.C. WITH 5/8" GYPSUM BOARD BOTH SIDES	4 7/8"			YES
00.02	3-5/8" METAL STUDS AT 24" O.C. WITH 5/8" GYPSUM BOARD FINISHED SIDE	4 1/4"			YES
00.03	6" METAL STUDS AT 24" O.C. WITH 5/8" GYPSUM BOARD BOTH SIDES	7 1/4"			YES
00.04	2 1/2" METAL STUDS AT 24" O.C. WITH 5/8" GYPSUM BOARD FINISHED SIDE	3 1/8"			
00.05	3-5/8" METAL STUDS AT 24" O.C. WITH 1/2" PLAM FINISHED SIDE	4 1/8"			YES
00.06	6" METAL STUDS AT 24" O.C. WITH 5/8" GYPSUM BOARD FINISHED SIDE	6 5/8"			YES
00.07	3-5/8" METAL STUDS AT 24" O.C. WITH 5/8" GYPSUM BOARD FINISHED SIDE	4 1/4"			
00.08	3-5/8" METAL STUDS AT 24" O.C. WITH 5/8" GYPSUM BOARD BOTH SIDES	4 7/8"			

KEYNOTE LEGEND

05.5213.01	3'-0" GATE ON BARREL HINGES. GATE TO BE FREE SWINGING WITH NO LATCH. PROVIDE A STOP FOR THE GATE.
06.1010.09	PLYWOOD FOR MOUNTING OF IT EQUIPMENT.
10.1124.01	4'-0"X4'-0" TACK BOARD MOUNTED 3'-6" ABOVE FINISH FLOOR
10.1124.02	8'-0"X4'-0" TACK BOARD MOUNTED 3'-6" ABOVE FINISH FLOOR
10.1124.03	2'-0"X3'-0" TACK BOARD, OWNER FURNISHED AND INSTALLED
11.0000.01	PRINTER, OWNER FURNISHED OWNER INSTALLED
11.0000.02	COPIER, OWNER FURNISHED OWNER INSTALLED
11.5213.01	TELEVISION AND TELEVISION MOUNTING BRACKET OWNER FURNISHED CONTRACTOR INSTALLED
12.3600.02	PROVIDE 6"X6" HOLE IN COUNTERTOP FOR TRASH CAN BENEATH. HOLE TO BE CENTERED IN COUNTERTOP.



FLOOR PLAN GENERAL NOTES

1. ALL DIMENSIONS INDICATED IN CONTRACT DOCUMENTS ARE FROM FACE OF STUD TO FACE OF STUD FOR INTERIOR PARTITIONS, FACE OF EXISTING STRUCTURE OR FINISH, FACE OF CONCRETE OR BLOCK, OR TO STRUCTURAL LINE, EXCEPT AS NOTED OTHERWISE. DIMENSIONS OF EXISTING STRUCTURE, ETC ARE +/- AND SHOULD BE FIELD VERIFIED PRIOR TO COMMENCEMENT OF WORK AND ARCHITECT NOTIFIED OF ANY DISCREPANCIES.
2. CONSTRUCTION MANAGER SHALL COORDINATE ALL MECHANICAL, ELECTRICAL AND PLUMBING WORK AND PROVIDE ALL NECESSARY CONSTRUCTION TO FACILITATE WORK INCLUDING BUT NOT LIMITED TO ROUGH OPENINGS, EQUIPMENT SUPPORTS, AND BACKING ETC.
3. PROVIDE SOLID WOOD BLOCKING AS REQUIRED TO INSTALL EQUIPMENT, CASEWORK ETC. VERIFY WITH OWNER FOR ALL ADDITIONAL OWNER FURNISHED ITEMS THAT REQUIRE BLOCKING.
4. BUILDING IS TO BE STAKED OUT ON SITE BY A REGISTERED LAND SURVEYOR PRIOR TO COMMENCEMENT OF CONSTRUCTION TO VERIFY THAT NO CONFLICTS EXIST BETWEEN PROPOSED CONSTRUCTION AND PROPERTY SETBACKS, EASEMENTS, EXISTING STRUCTURES OR OTHER PHYSICAL OBJECTS ON SITE. NOTIFY ARCHITECT IMMEDIATELY OF ANY CONFLICTS OR VARIATIONS FROM PLANS.
5. ALL GLASS IN DOORS, ADJACENT OR WITHIN 12" OF DOORS HORIZONTALLY, WITHIN 36" OF STAIRS OR CLOSER THAN 18" TO FLOOR TO BE TEMPERED PER CODE (IBC ADOPTED EDITION).
6. INTERIOR DOORS TO BE LOCATED 5" AWAY FROM ADJACENT CORNERS, UNLESS NOTED OR DIMENSIONED OTHERWISE.
7. SEE STRUCTURAL DRAWINGS FOR ALL HEADER, BOND BEAM, LINTEL, COLUMN, AND OTHER STRUCTURAL REQUIREMENTS.
8. SEE CODE COMPLIANCE PLAN FOR FIRE EXTINGUISHER AND SIGNAGE REQUIREMENTS AND LOCATIONS.
9. FINISH FLOOR ELEVATION INDICATED ON ARCHITEUCTURAL DRAWINGS IS AT ELEVATION 100'-0". SEE CIVIL DRAWINGS FOR ACTUAL ELEVATION.

PARTITION TYPE GENERAL NOTES

1. EXTERIOR WALL CONSTRUCTION IS DESCRIBED IN WALL SECTIONS. INTERIOR WALL TYPES ARE DESCRIBED BY THEIR DENOTED WALL TYPES / WALL SECTIONS HEREIN.
2. ANY WALL CONSTRUCTION NOT NOTED WITH A PARTITION TYPE WALL TAG SHALL BE CLARIFIED FOR INTERPRETATION BY THE ARCHITECT PRIOR TO BIDDING.
3. THESE WALL SECTIONS INDICATE PRIMARY WALL TYPE. OVERLAID VENEERS, WAINSCOT, PLASTERS, PAINT, WALL COVERINGS ETC. ARE INDICATED ON FLOOR PLANS, FINISH PLANS, INTERIOR ELEVATIONS, SCHEDULES, SPECIFICATIONS OR OTHER DETAILS.
4. INTERIOR NON-LOAD BEARING WALLS SHALL BE INSTALLED PER METAL STUD MANUFACTURER'S LIMITING HEIGHT / GAGE INFORMATION. INTERIOR WALL FRAMING TO ACCOMMODATE A LATERAL LOAD OF 7-1/2 POUNDS PER SQUARE FOOT (PSF) WITH A DEFLECTION LIMIT OF L/240.
5. DESIGN OF LIGHT-GAUGE METAL FRAMING (INCLUDING ALL LOAD BEARING AND NON LOAD BEARING WALLS) AND THEIR CONNECTIONS SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
6. CONTRACTOR SHALL COORDINATE WALL FRAMING ABOVE FINISHED CEILINGS WITH FRAMING, PLUMBING, AND HVAC CONTRACTORS. FRAMING CONTRACTOR SHALL PROVIDE NECESSARY ROUGH OPENING FRAMING REQUIRED TO FACILITATE PIPING OR DUCTWORK PENETRATIONS - REFER TO MEP ENGINEERING DRAWINGS FOR LOCATIONS OF LOCATIONS OF NEW / EXISTING DUCTS, PIPING, ETC. SOME WALL FRAMING / BRACING MAY REQUIRE ADJUSTMENT OR RE-LOCATION TO ALLOW FOR DUCT / PIPE ROUTING.
7. SEE INTERIOR ELEVATIONS FOR GYPSUM BOARD CONTROL JOINTS AND PROVIDE PER USG GOOD CONSTRUCTION PRACTICES (IF CONTROL JOINTS ARE NOT SHOWN) FOR DRYWALL STEEL FRAMED SYSTEMS AND DESIGN DETAILS THEREIN.
8. ALL WALLS WITH PLUMBING FIXTURES AND WALLS ADJACENT TO PLUMBING FIXTURES SHALL RECEIVE MOISTURE AND MOLD RESISTANT GYPSUM BOARD BOTH SIDES.
9. ALL WALLS IN CORRIDORS SHALL RECEIVE ABUSE-RESISTANT GYPSUM BOARD UP TO 4'-0" MIN. BASIS-OF-DESIGN TO BE NATIONAL GYPSUM HI-ABUSE XP OR ARCHITECT APPROVED EQUAL.
10. SEE STRUCTURAL DRAWINGS, NOTES, AND DETAILS FOR ADDITIONAL STRUCTURAL CMU / STUD WALL INFORMATION - TYPICAL FOR ALL WALL TYPES.
11. RECESSED FIXTURES SUCH AS OUTLETS SHALL NOT BE PLACED BACK TO BACK IN THE SAME STUD CAVITY.
12. PROVIDE 2X WOOD BLOCKING FOR ALL ACCESSORIES, EQUIPMENT, AND CASEWORK. SEE PLANS FOR LOCATIONS.

PARTITION TAG LEGEND

PARTITION TAG IS COMPRISED OF THREE PARTS AS NOTED BELOW:

XX.XX.X

PARTITION RATING
00 = NON-RATED PARTITION
01 = 1-HOUR RATED PARTITION
02 = 2-HOUR RATED PARTITION

PARTITION TYPE
REFER TO DESCRIPTION IN PARTITION TYPE SCHEDULE

PARTITION TERMINATION
REFER TO TOP OF PARTITION LEGEND

1 FLOOR PLAN FIRST LEVEL

SCALE 1/8" = 1'-0"

STATE OF MISSOURI
JARED A. YOUNGLOVE
NUMBER A-2017016282
ARCHITECT
6/11/21
JARED A. YOUNGLOVE, ARCHITECT
MO #: A-2017016282

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REVISION SCHEDULE

PROJECT DESCRIPTION: MONETT LIBRARY BRANCH 19-556

SHEET NUMBER: **A1-0** FLOOR PLAN

PROJECT NUMBER: 19-556

DATE: 06/11/21

200 PARK STREET, MONETT, MO, 65708

PROJECT ARCHITECT: JAY
DRAWN BY: TRW
CHECKED BY: JAY / R.V.

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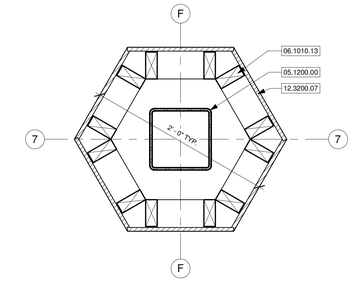
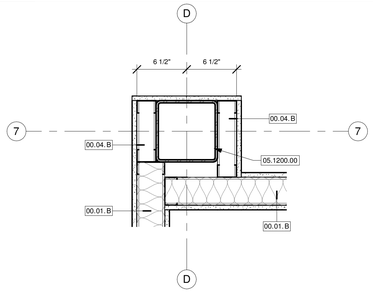


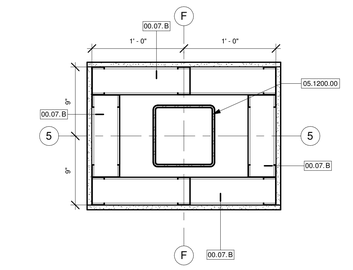
5 CHILDREN'S AREA TREE DETAIL

SCALE 11/2" = 1'-0"



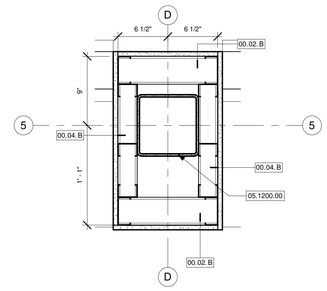
4 COLUMN D-7 WRAP

SCALE 11/2" = 1'-0"



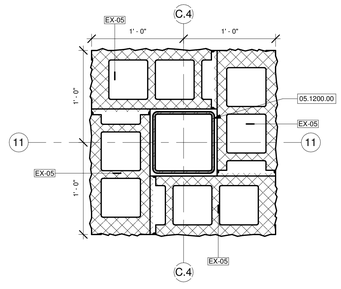
3 COLUMN F-5 WRAP

SCALE 11/2" = 1'-0"



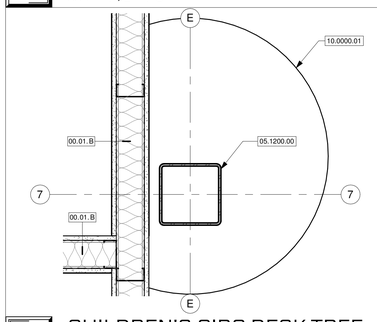
7 COLUMN D-5, E-5 WRAP

SCALE 11/2" = 1'-0"



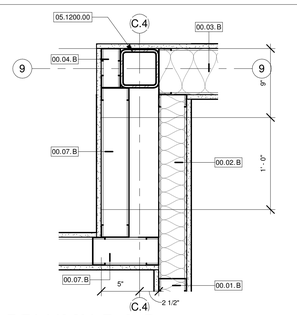
2 EXTERIOR COLUMN WRAP

SCALE 11/2" = 1'-0"



6 CHILDREN'S CIRC DESK TREE

SCALE 11/2" = 1'-0"



1 COLUMN C.4-9

SCALE 11/2" = 1'-0"

KEYNOTE LEGEND	
05.1200.00	STRUCTURAL STEEL FRAMING, SEE STRUCTURAL
06.1010.13	2X4 BLOCKING
10.0000.01	LIVE TREE TO BE FELLED, DRIED, STRIPPED OF BARK, AND PROFILED TO FIT AROUND THE STRUCTURAL COLUMN. SUPPORT TREE OFF OF COLUMN WITH BLOCKING AS NECESSARY. FINISH TREE WITH WATER BASED POLYURETHANE SATIN FINISH. SELECTION OF TREE TO BE SELECTED BY OWNER, CMR, AND ARCHITECT PRESENT BEFORE FELLING.
12.3200.07	3/4" PLAM #45 PARTICLE BOARD

STATE OF MISSOURI
JARED A. YOUNGLOVE
NUMBER A-2017015282
ARCHITECT
6/11/21

JARED A. YOUNGLOVE, ARCHITECT
MO #: A-2017015282

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REVISION SCHEDULE

SHEET NUMBER: A1-1
PLAN DETAILS

PROJECT DESCRIPTION: MONETT LIBRARY BRANCH 19-556

PROJECT NUMBER: 19-556

2200 PARK STREET, MONETT, MO 65708

DATE: 06/11/21

PROJECT ARCHITECT: JAY
DRAWN BY: TRW
CHECKED BY: JAY, PLY

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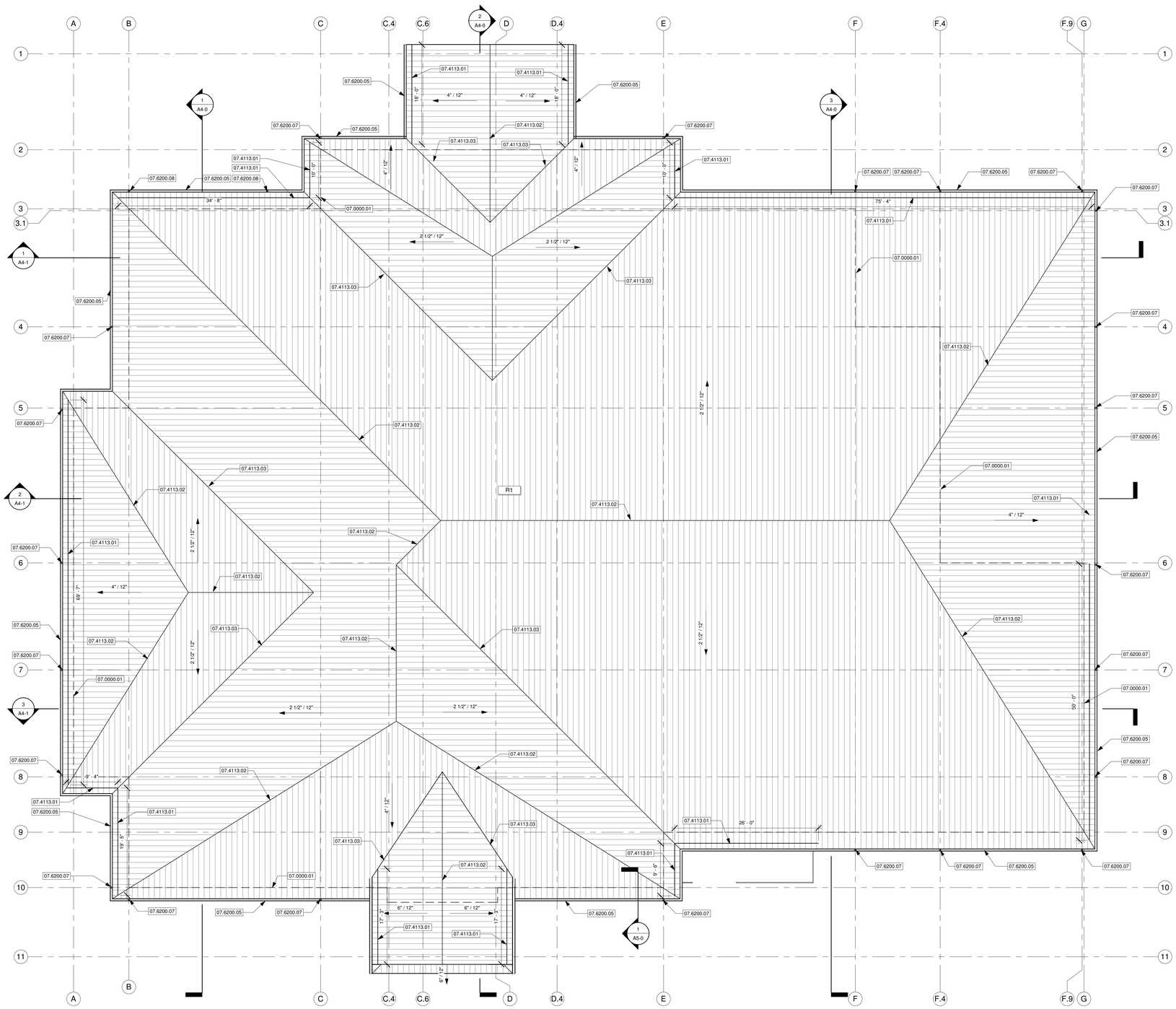

KEYNOTE LEGEND

07.0000.01	LINE DENOTES EXTERIOR FACE OF STRUCTURE BELOW
07.4113.01	SNOW GUARDS PER METAL ROOF PANEL MANUFACTURER
07.4113.02	RIDGE CAP PER METAL ROOF PANEL MANUFACTURER
07.4113.03	VALLEY TRIM PER METAL ROOF PANEL MANUFACTURER
07.6200.05	PRE-FINISHED 5"X5" METAL GUTTER WITH SLOPED STRAPS 24" O.C.
07.6200.07	PRE-FINISHED 3"X4" DOWNSPOUT. ROUTE TO UNDERGROUND DRAINAGE COLLECTION SYSTEM.
07.6200.08	PRE-FINISHED 3"X4" DOWNSPOUT. DOWNSPOUT NOT TO CONNECT TO UNDERGROUND DRAINAGE SYSTEM. DOWNSPOUT TO DRAIN ONTO 12"X12" SPLASH PAD.

ROOF SCHEDULE

TYPE	DESCRIPTION
R1	STRUCTURAL METAL PANEL ROOFING OVER 4" RIGID FOAM OVER METAL DECKING OVER PRE-MANUFACTURED METAL STUD TRUSS.

ROOF PLAN GENERAL NOTES

1. ALL ROOF MATERIALS INCLUDING ROOF INSULATION, COPINGS, AND FLASHING TO BE COMPLIANT WITH MANUFACTURER'S ROOF WARRANTY.
2. ALL PENETRATIONS OF STRUCTURAL STEEL & VENTS SHALL CONFORM WITH MANUFACTURER'S RECOMMENDED DETAILS AND COMPLIANT WITH ROOF WARRANTY REQUIREMENTS.
3. REFER TO MECANICAL, PLUMBING AND ELECTRICAL SHEETS FOR ADDITIONAL INFORMATION AND ROOF PENETRATION REQUIREMENTS.

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

NORTH

STATE OF MISSOURI
JARED A. YOUNGLOVE
NUMBER A-2017015282
ARCHITECT
6/11/21

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MO #: A-2017015282

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REVISION SCHEDULE

PROJECT DESCRIPTION:
MONETT LIBRARY BRANCH 19-556
2200 PARK STREET, MONETT, MO, 65708

SHEET NUMBER:
A2-0
ROOF PLAN

PROJECT NUMBER:
19-556

DATE:
06/11/21

PROJECT ARCHITECT: JAY
DRAWN BY: TRW
CHECKED BY: JAY, P.E.V.

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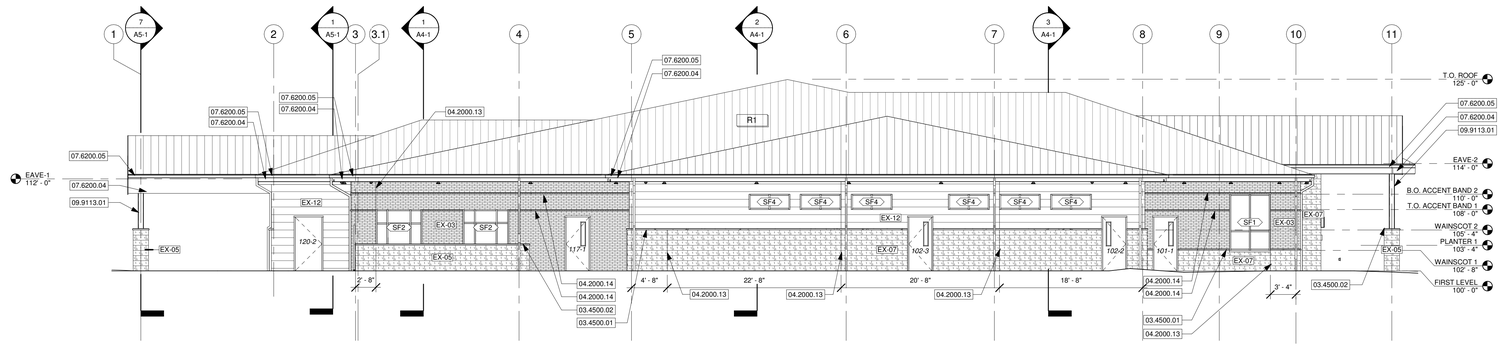
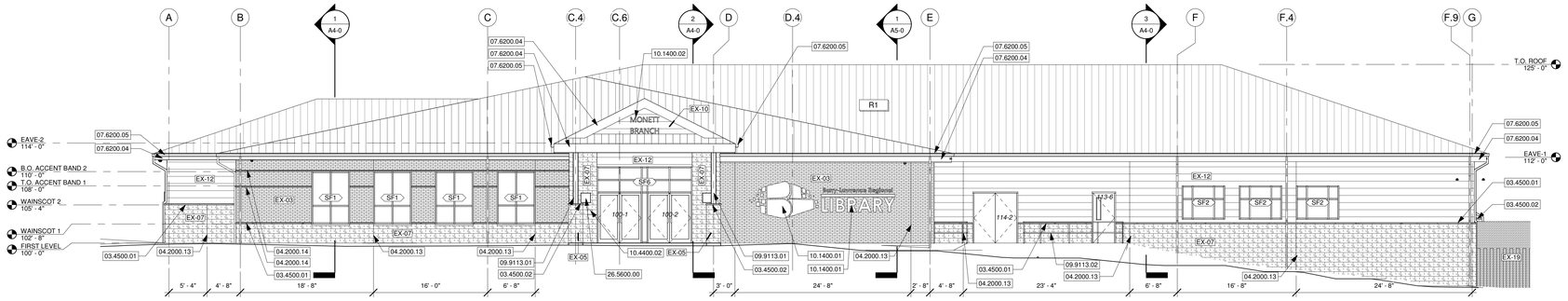


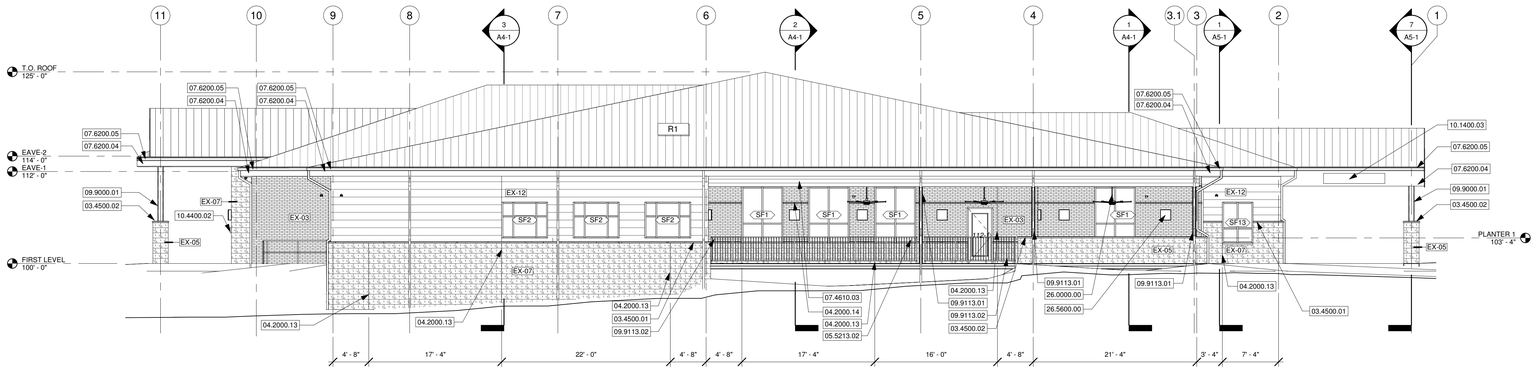
4 WEST ELEVATION

SCALE 1/8" = 1'-0"



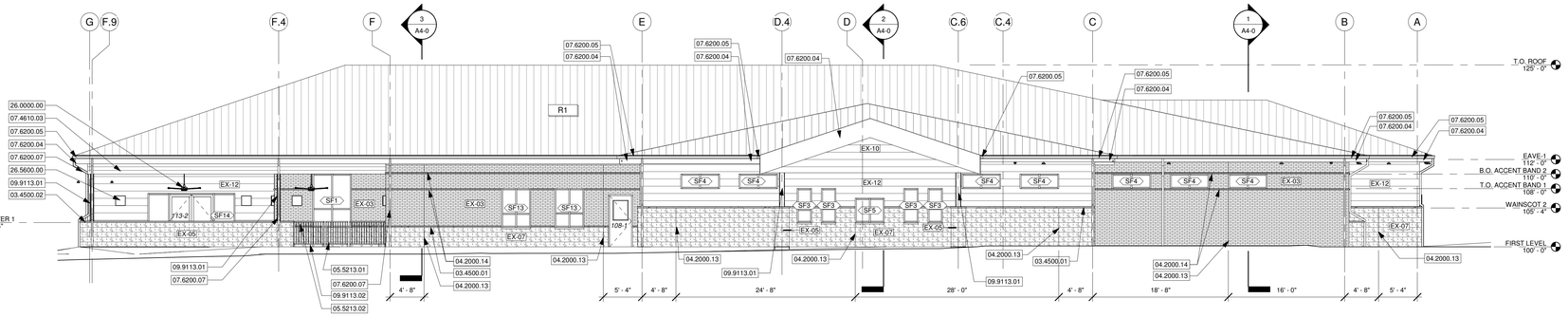
3 SOUTH ELEVATION

SCALE 1/8" = 1'-0"



2 EAST ELEVATION

SCALE 1/8" = 1'-0"



1 NORTH ELEVATION

SCALE 1/8" = 1'-0"

KEYNOTE LEGEND

03.4500.01	PRECAST ARCHITECTURAL WAINSCOT CAP WITH DRIP EDGE. WAINSCOT CAP TO BE SAME HEIGHT AS BRICK.
03.4500.02	PRECAST ARCHITECTURAL CAP WITH DRIP EDGE AND SLOPED TOP
04.2000.13	MASONRY CONTROL JOINT
04.2000.14	BRICK TYPE 2 ACCENT BAND FULL RUNNING BOND. REFER TO A3 SERIES SHEETS FOR LOCATIONS. REFER TO A5 SERIES SHEETS FOR ADDITIONAL ASSEMBLY INFORMATION.
05.5213.01	3'-0" GATE ON BARREL HINGES. GATE TO BE FREE SWINGING WITH NO LATCH. PROVIDE A STOP FOR THE GATE.
05.5213.02	GUARDRAIL. SEE A5 SERIES SHEETS FOR MORE DETAILS.
07.4610.03	UN-VENTED ALUMINUM SOFFIT PANELS. STRUCTURE TO BE WRAPPED WITH SOFFIT PANELS.
07.6200.04	PRE-FINISHED METAL FASCIA WITH DRIP EDGE AND 4" END LAPS AND CONTINUOUS SEALANT AT LAPS
07.6200.05	PRE-FINISHED 5"X5" METAL GUTTER WITH SLOPED STRAPS 24" O.C.
07.6200.07	PRE-FINISHED 3"X4" DOWNSPOUT. ROUTE TO UNDERGROUND DRAINAGE COLLECTION SYSTEM.
09.9000.01	HIGH PERFORMANCE PAINT ON ALL EXPOSED STEEL COLUMNS. PAINT TO BE PT7
09.9113.01	HIGH PERFORMANCE PAINT ON ALL EXPOSED STEEL COLUMNS. PAINT TO BE PT6
09.9113.02	HIGH PERFORMANCE PAINT ON GUARDRAILS AND HANDRAILS. PAINT TO BE PT6
10.1400.01	EXTERIOR WALL SIGNAGE. SIGNAGE TO BE PAINTED PANELS ON 1" STANDOFFS.
10.1400.02	CHARACTER SIGNAGE. PROVIDE 9" TALL CHARACTERS ON MYRIAD BOLD FONT. LETTERS TO BE MOUNTED ON 1" STANDOFF HARDWARE. PROVIDE 12 CHARACTERS.
10.1400.03	MAXIMUM HEIGHT SIGN. SIGN TO READ "MAX HEIGHT 10'-0".CONTRACTOR TO CONFIRM VERTICAL CLEARANCE BEFORE ORDERING SIGN. SEE SHEET G0-1 FOR SIGNAGE INFORMATION.
10.4400.02	KNOX BOX. COORDINATE FINAL LOCATION WITH AUTHORITY HAVING JURISDICTION
23.0000.00	HVAC, SEE MEP
23.3113.00	METAL DUCTS, SEE MEP
26.0000.00	ELECTRICAL, SEE MEP
26.5600.00	EXTERIOR LIGHTING, SEE MEP

EXTERIOR WALL SCHEDULE

WALL TAG	ASSEMBLY DESCRIPTION
EX-03	BRICK TYPE 1 WITH WATER REPELLENT ON BRICK TIES WITH 1 1/2" AIR GAP MINIMUM OVER 2" CONTINUOUS RIGID INSULATION OVER FLUID APPLIED AIR BARRIER OVER STRUCTURAL 8" CONCRETE MASONRY UNIT WITH 2 1/2" METAL STUDS AT 24" O.C. WITH BATT INSULATION AND 5/8" GYPSUM WALLBOARD ON INTERIOR FINISH FACE. SEE A1 AND A9 SERIES SHEETS FOR INTERIOR WALL FINISHES.
EX-04	2" CONTINUOUS RIGID INSULATION OVER 5/8" GLASS MAT FACED GYPSUM WITH FLUID APPLIED AIR BARRIER OVER 6" METAL STUDS AT 24" O.C. MAXIMUM WITH BATT INSULATION.
EX-05	8" SPLIT FACE CONCRETE MASONRY UNIT WITH WATER REPELLENT
EX-07	4" SPLIT FACE CMU WITH WATER REPELLENT WITH 1 1/2" AIR GAP MINIMUM OVER 2" CONTINUOUS RIGID INSULATION AND FLUID APPLIED AIR BARRIER OVER STRUCTURAL 8" CONCRETE MASONRY UNIT WITH 2 1/2" METAL STUDS AT 24" O.C. WITH BATT INSULATION AND 5/8" GYPSUM WALLBOARD ON INTERIOR FINISH FACE. SEE A1 AND A9 SERIES SHEETS FOR INTERIOR WALL FINISHES.
EX-10	PRE-FINISHED METAL WALL PANELS. INSTALL HORIZONTALLY, OVER 2" VERTICAL Z-CHANNELS AT 16" O.C. WITH 2" CONTINUOUS RIGID INSULATION OVER 5/8" GLASS MAT FACED GYPSUM WITH FLUID APPLIED AIR BARRIER OVER 6" METAL STUDS AT 24" O.C. MAXIMUM.
EX-12	PRE-FINISHED METAL WALL PANELS. INSTALL HORIZONTALLY, OVER 2" VERTICAL Z-CHANNELS AT 16" O.C. WITH 2" CONTINUOUS RIGID INSULATION WITH FLUID APPLIED AIR BARRIER OVER STRUCTURAL 8" CONCRETE MASONRY UNIT WITH 2 1/2" METAL STUDS WITH BATT INSULATION AND 5/8" GYPSUM BOARD WALLBOARD ON INTERIOR FINISH FACE. SEE A1 AND A9 SERIES SHEETS FOR INTERIOR WALL FINISHES.
EX-19	PAINTED WOOD PRIVACY FENCING.
EX-21	BRICK TYPE 1 ON BOTH SIDES WITH WATER REPELLENT ON BRICK TIES WITH 1 1/2" AIR GAP MINIMUM OVER STRUCTURAL 8" CONCRETE MASONRY UNIT

STATE OF MISSOURI
JARED A YOUNGLOVE
NUMBER A-2011015282
ARCHITECT
6/11/21
JARED A. YOUNGLOVE, ARCHITECT
MO # A-2011015282

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REVISION SCHEDULE

PROJECT DESCRIPTION:

MONETT LIBRARY BRANCH 19-556

SHEET NUMBER:

A3-0

EXTERIOR ELEVATIONS

PROJECT NUMBER: 19-556

2200 PARK STREET, MONETT, MO. 65708

PROJECT ARCHITECT: JAY
DRAWN BY: TRW
CHECKED BY: JAY, P.Y.

DATE: 06/11/21

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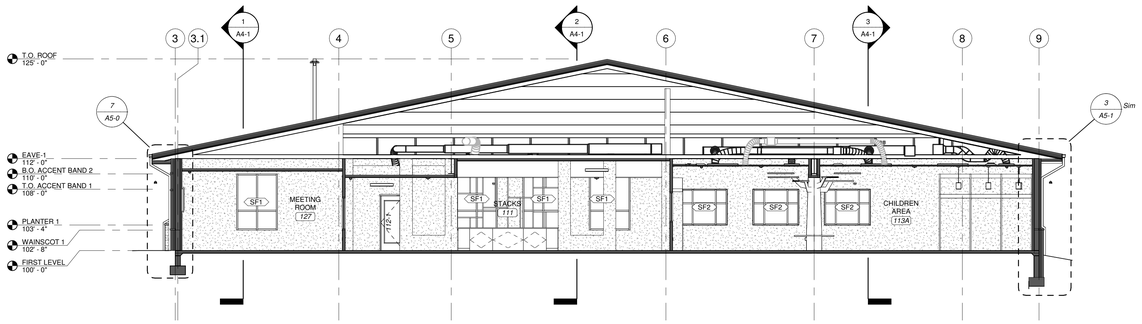
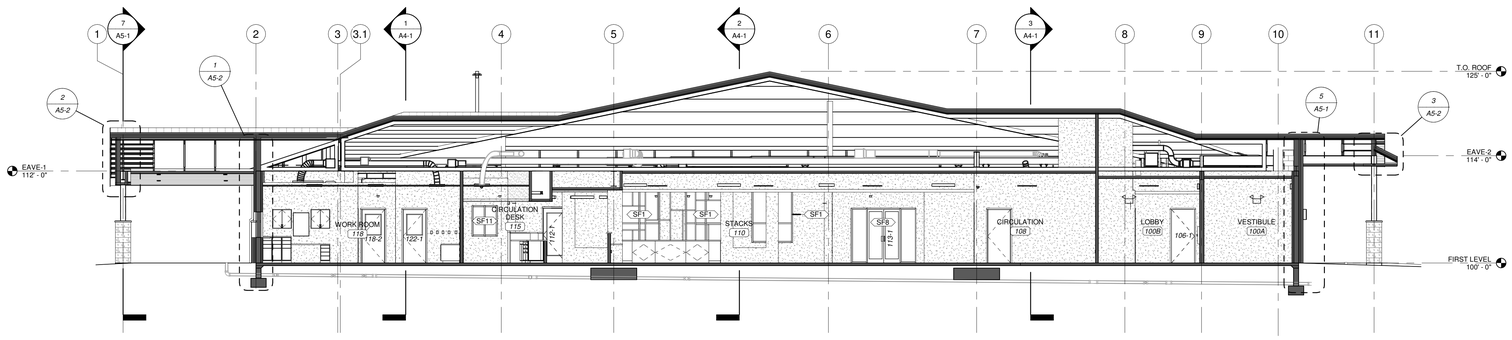


3 NORTH/SOUTH BUILDING SECTION CHILDREN'S

SCALE 1/8" = 1'-0"



2 NORTH/SOUTH BUILDING SECTION ENTRANCE

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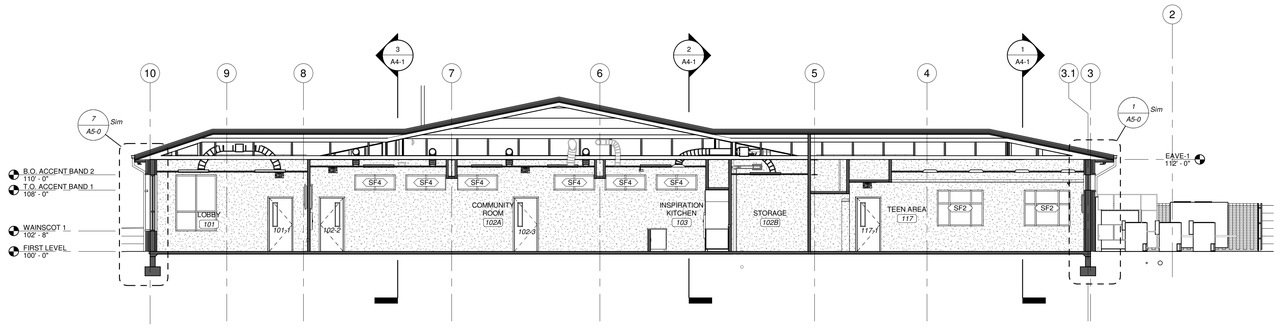

1 NORTH/SOUTH BUILDING SECTION COMMUNITY

SCALE 1/8" = 1'-0"

KEYNOTE LEGEND

STATE OF MISSOURI
JARED A. YOUNGLOVE
NUMBER A-2017015282
ARCHITECT
6/11/21
JARED A. YOUNGLOVE, ARCHITECT
MO #: A-2017015282

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PARAGON ARCHITECTURE
637 COLLEGE STREET, SPRINGFIELD, MO 65806
PH: 417.885.0002
www.paragonarchitecture.com
MISSOURI STATE CERTIFICATE OF AUTHORITY NUMBER A-2016004115

REVISION SCHEDULE

PROJECT DESCRIPTION:

MONETT LIBRARY BRANCH 19-556

SHEET NUMBER:

A4-0

BUILDING SECTIONS

PROJECT NUMBER: 19-556

DATE: 06/11/21

2200 PARK STREET, MONETT, MO, 65708

PROJECT ARCHITECT: JAY
DRAWN BY: TRW
CHECKED BY: JAY, P.Y

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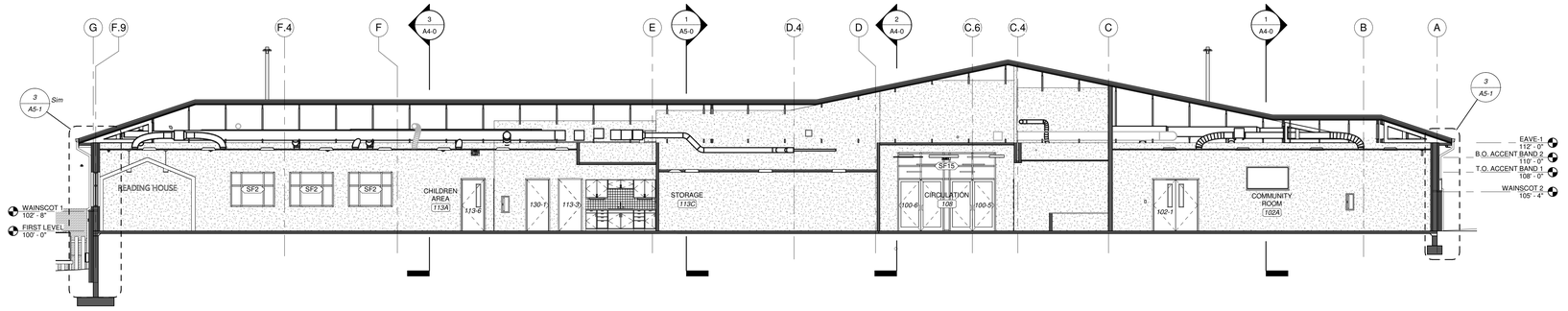
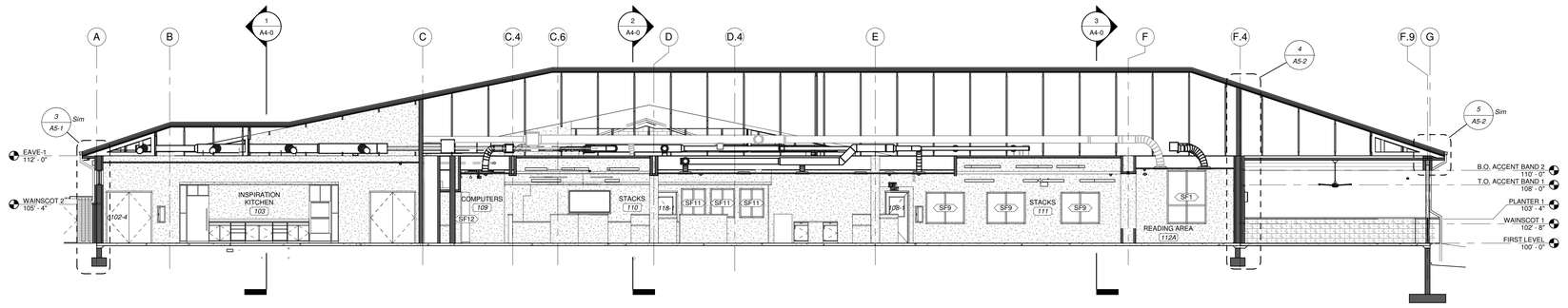


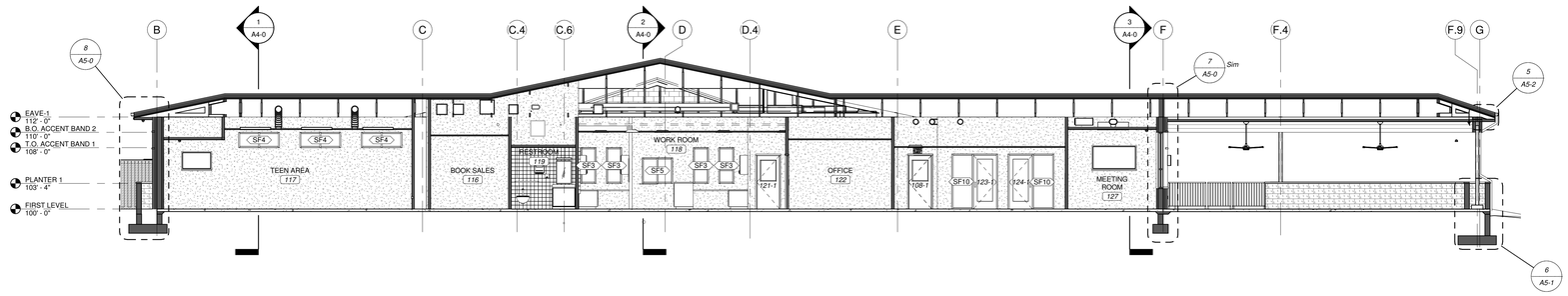
3 EAST/WEST BUILDING SECTION COMMUNITY

SCALE 1/8" = 1'-0"



2 EAST/WEST BUILDING SECTION

SCALE 1/8" = 1'-0"



1 EAST/WEST BUILDING SECTION WORK ROOM

SCALE 1/8" = 1'-0"

KEYNOTE LEGEND	
DIVISION	DESCRIPTION

STATE OF MISSOURI
JARED A. YOUNGLOVE
NUMBER A-2017015282
ARCHITECT
6/11/21

JARED A. YOUNGLOVE, ARCHITECT
MO #: A-2017015282

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PARAGON
ARCHITECTURE
637 COLLEGE STREET, SPRINGFIELD, MO 65806
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REVISION SCHEDULE

SHEET NUMBER: A4-1

PROJECT DESCRIPTION: MONETT LIBRARY BRANCH 19-556

BUILDING SECTIONS

PROJECT NUMBER: 19-556

DATE: 06/11/21

200 PARK STREET, MONETT, MO 65708

PROJECT ARCHITECT: JAY
DRAWN BY: TRW
CHECKED BY: JAY, FLY

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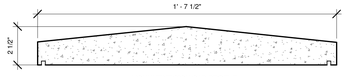
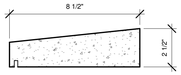
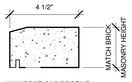


MONUMENT SIGN CAP PROFILE



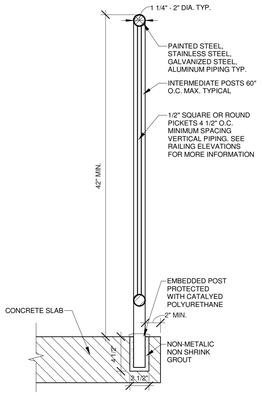
PLANTER/COLUMN CAP PROFILE



WAINSCOT CAP PROFILE

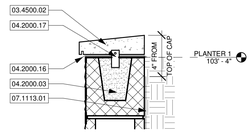
10 PRECAST CAP PROFILES

SCALE 3" = 1'-0"



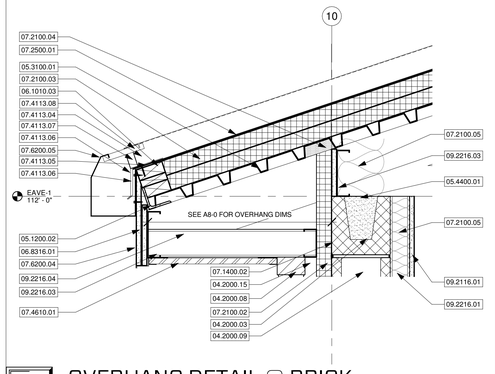
9 GUADRAIL DETAIL

SCALE 11/2" = 1'-0"



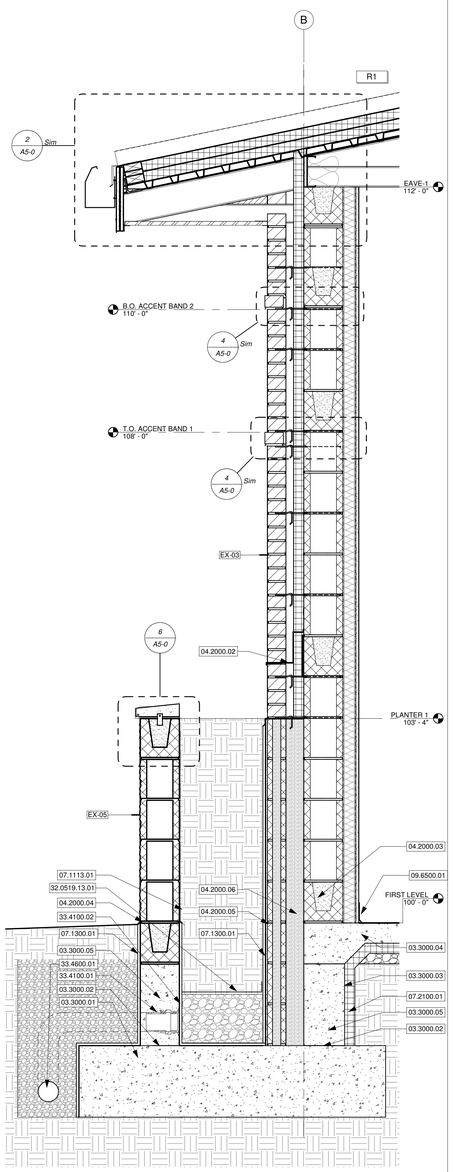
6 PLANTER WALL CAP

SCALE 11/2" = 1'-0"



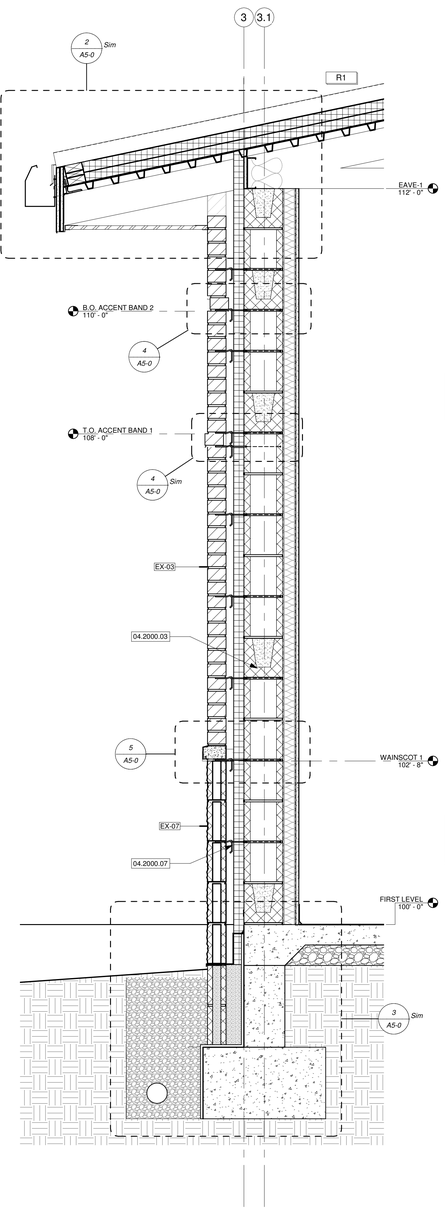
2 OVERHANG DETAIL @ BRICK

SCALE 11/2" = 1'-0"



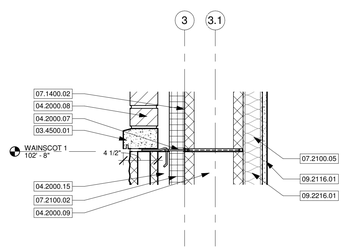
8 BRICK W/ PLANTER

SCALE 1" = 1'-0"



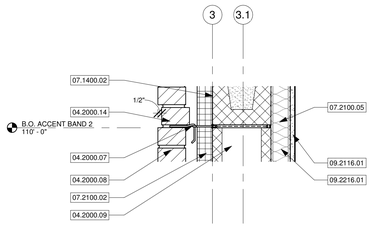
7 BRICK W/ WAINSCOT

SCALE 1" = 1'-0"



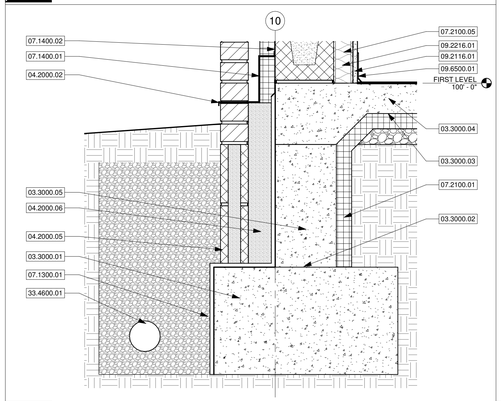
5 WAINSCOT CAP @ BRICK

SCALE 11/2" = 1'-0"



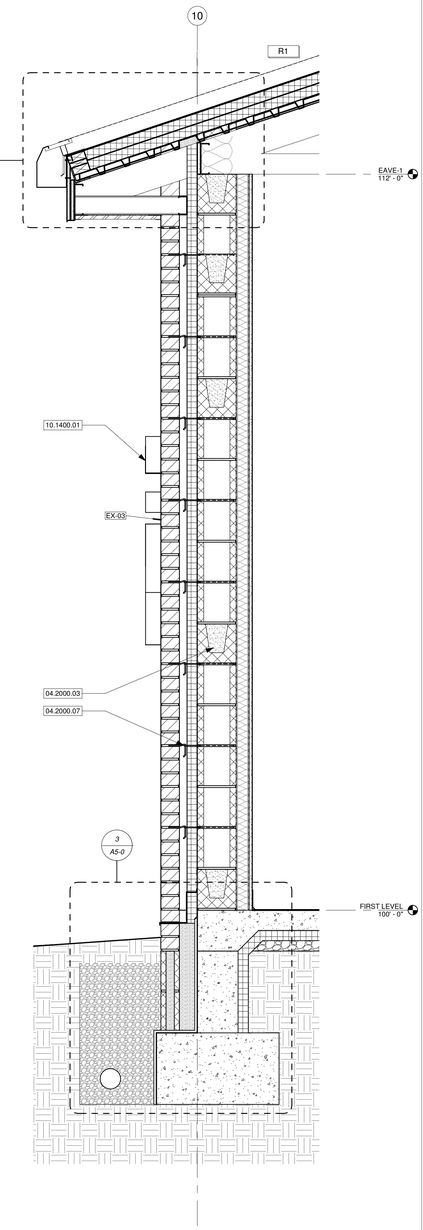
4 ACCENT BRICK DETAIL TYP.

SCALE 11/2" = 1'-0"



3 FOUNDATION DETAIL @ BRICK/CMU

SCALE 11/2" = 1'-0"



1 BRICK

SCALE 1" = 1'-0"

KEYNOTE LEGEND	
03.3000.01	CAST IN PLACE CONCRETE FOOTING - SEE STRUCTURAL
03.3000.02	PROVIDE DAMPROOFING OR MEMBRANE CAPILLARY BREAK OVER FOOTING
03.3000.03	VAPOR BARRIER
03.3000.04	REINFORCED CONCRETE SLAB SEE STRUCTURAL
03.3000.05	CAST IN PLACE CONCRETE FOUNDATION WALL - SEE STRUCTURAL
03.4500.01	PRECAST ARCHITECTURAL WAINSCOT CAP WITH DRIP EDGE. WAINSCOT CAP TO BE SAME HEIGHT AS BRICK.
03.4500.02	PRECAST ARCHITECTURAL CAP WITH DRIP EDGE AND SLOPED TOP
04.2000.02	TOTALFLASH BY MORTARNET. LAP WEATHER BARRIER OVER TERMINATION BAR
04.2000.03	BOND BEAM - SEE STRUCTURAL
04.2000.04	METAL FLASHING. PROVIDE 1/4" HEMMED DRIP EDGE.
04.2000.05	4" STANDARD CMU BLOCK BELOW GRADE. GROUT SOLID
04.2000.06	GROUT FILLED CAVITY BELOW GRADE, TYP.
04.2000.07	PROVIDE MASONRY LADDER ANCHORS 24" ON CENTER HORIZONTALLY AND 16" ON CENTER VERTICALLY TYP.
04.2000.08	BRICK TYPE 1 FULL RUNNING BOND. REFER TO A3 SERIES SHEETS FOR LOCATIONS. REFER TO A5 SERIES SHEETS FOR ADDITIONAL ASSEMBLY INFORMATION.
04.2000.09	8"X8"X16" CONCRETE MASONRY UNIT. SEE STRUCTURAL FOR REINFORCING AND BOND BEAM REQUIREMENTS
04.2000.14	BRICK TYPE 2 ACCENT BAND FULL RUNNING BOND. REFER TO A3 SERIES SHEETS FOR LOCATIONS. REFER TO A5 SERIES SHEETS FOR ADDITIONAL ASSEMBLY INFORMATION.
04.2000.15	1 1/2" MIN. AIR GAP
04.2000.16	STAINLESS STEEL CAP FLASHING
04.2000.17	MASONRY ANCHOR WITH DOWEL AT EACH JOINT
05.1200.02	STEEL DECK EDGE ANGLE - SEE STRUCTURAL
05.3100.01	STEEL DECKING, SEE STRUCTURAL
05.4400.01	TRUSS ANCHORAGE BY TRUSS SUPPLIER
06.1010.03	PRESSURE TREATED BLOCKING
06.8316.01	5/8" GLASS MAT SHEATHING
07.1113.01	FLUID APPLIED BITUMINOUS DAMP PROOFING
07.1300.01	SELF ADHERED SHEET WATERPROOFING AND MOLDED SHEET DRAINAGE PANELS
07.1400.01	LAP FLUID APPLIED FLASHING OVER THROUGH WALL FLASHING
07.1400.02	FLUID APPLIED AIR AND WATER BARRIER
07.2100.01	2" PERIMETER INSULATION. RUN 2'-0" UNDER CONCRETE SLAB
07.2100.02	2" RIGID INSULATION AS CONTINUOUS INSULATION
07.2100.03	2 LAYERS 2" RIGID INSULATION STAGGER INSULATION PANEL JOINTS PER MANUFACTURERS RECOMMENDATIONS
07.2100.04	CLOSED CELL SPRAY FOAM INSULATION
07.2100.05	BATT INSULATION
07.2500.01	ROOFING UNDERLAYMENT AT ROOF EDGE, RAKE, VALLEY, RIDGE AND ANY INTERSECTION BETWEEN THE ROOF AND WALLS.
07.4113.04	METAL PANEL ROOF PANELS
07.4113.05	LOW FIXED EAVE PLATE
07.4113.06	BOX PANEL CAP TRIM WITH TRI BEAD TAPE SEALER
07.4113.07	METAL INSIDE CLOSURE WITH TAPE SEALER
07.4113.08	GUTTER STRAP
07.4610.01	VENTED ALUMINUM SOFFIT PANEL
07.6200.04	PRE-FINISHED METAL FASCIA WITH DRIP EDGE AND 4" END LAPS AND CONTINUOUS SEALANT AT LAPS
07.6200.05	PRE-FINISHED 5"X5" METAL GUTTER WITH SLOPED STRAPS 24" O.C.
09.2116.01	5/8" GYPSUM WALLBOARD
09.2216.01	2 1/2" METAL STUD AT 24" O.C.
09.2216.03	6" METAL STUD AT 24" O.C.
09.2216.04	3 5/8" METAL STUD. 2 STUDS AT EACH EXTERIOR LIGHT IN SOFFIT TYP.
09.6500.01	4" RESILIENT VINYL BASE. SEE FINISH SCHEDULE AND FINISH PLANS FOR MORE INFORMATION
10.1400.01	EXTERIOR WALL SIGNAGE. SIGNAGE TO BE PAINTED PANELS ON 1" STANDOFFS.
32.0519.13.01	FILTER FABRIC
33.4100.01	PLANTER DRAIN TO CONNECT TO FOUNDATION DRAIN
33.4100.02	GRANULAR FILL
33.4600.01	4" DIA. PERFORATED FOUNDATION SUBDRAINAGE. ENCASE IN GRANULAR FILL AND WRAP WITH GEOTEXTILE FABRIC

WALL SECTION GENERAL NOTES

1. SEE A1, A2 AND A8 SERIES SHEETS FOR MORE INFORMATION.

STATE OF MISSOURI
JARED A. YOUNGLOVE
NUMBER A-2017019282
ARCHITECT
6/11/21

JARED A. YOUNGLOVE, ARCHITECT
MO #: A-2017019282

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PARAGON ARCHITECTURE
637 COLLEGE STREET, SPRINGFIELD, MO 65806
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www.paragonarchitecture.com

REVISION SCHEDULE

PROJECT DESCRIPTION:

MONETT LIBRARY BRANCH 19-556

2200 PARK STREET, MONETT, MO, 65708

PROJECT ARCHITECT: JAY
DRAWN BY: TRW
CHECKED BY: JAY, PLY

SHEET NUMBER:

A5-0 DETAILS

PROJECT NUMBER: 19-556

DATE: 06/11/21

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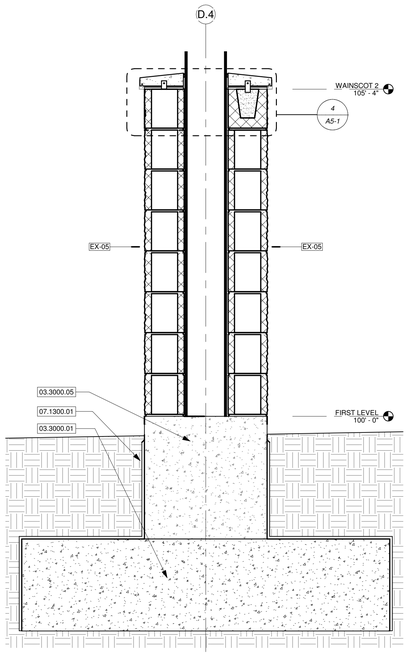
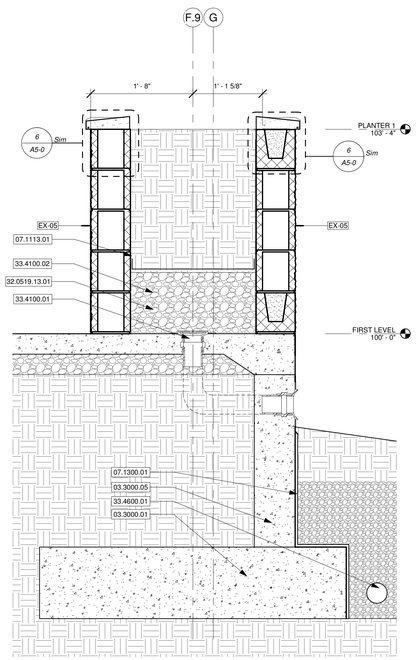


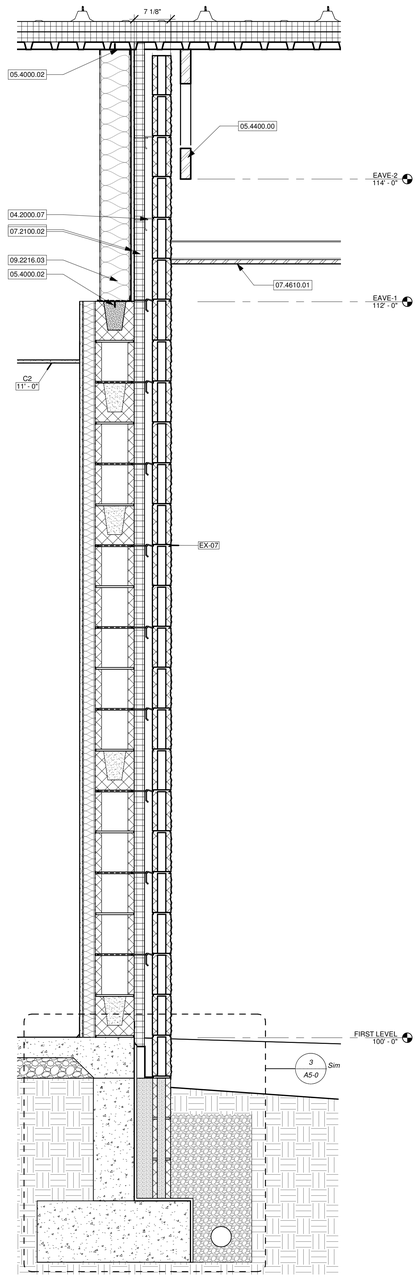
7 COLUMN BASE

SCALE 1" = 1'-0"



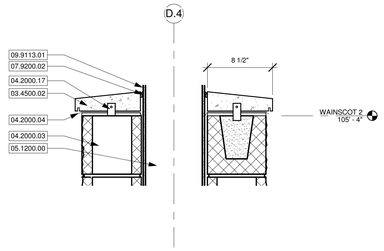
6 PATIO PLANTER

SCALE 1" = 1'-0"



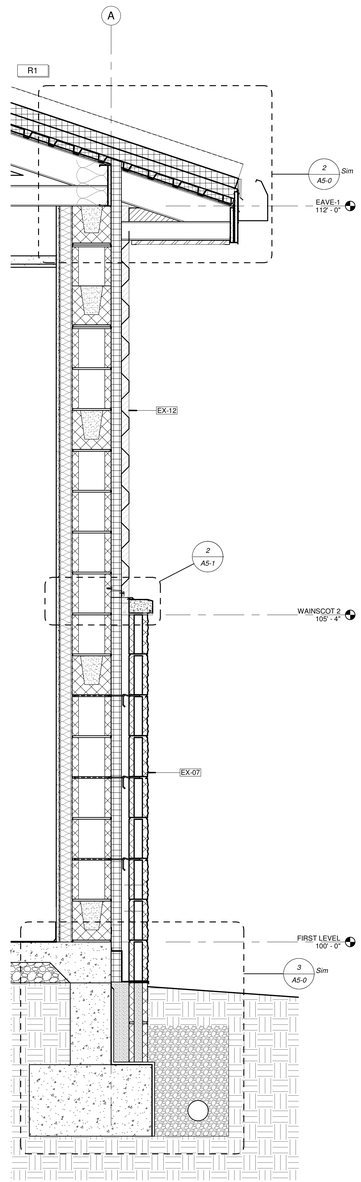
5 SPLIT FACE CMU

SCALE 1" = 1'-0"



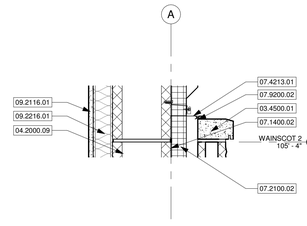
4 WALL CAP @ COLUMN BASE

SCALE 11/2" = 1'-0"



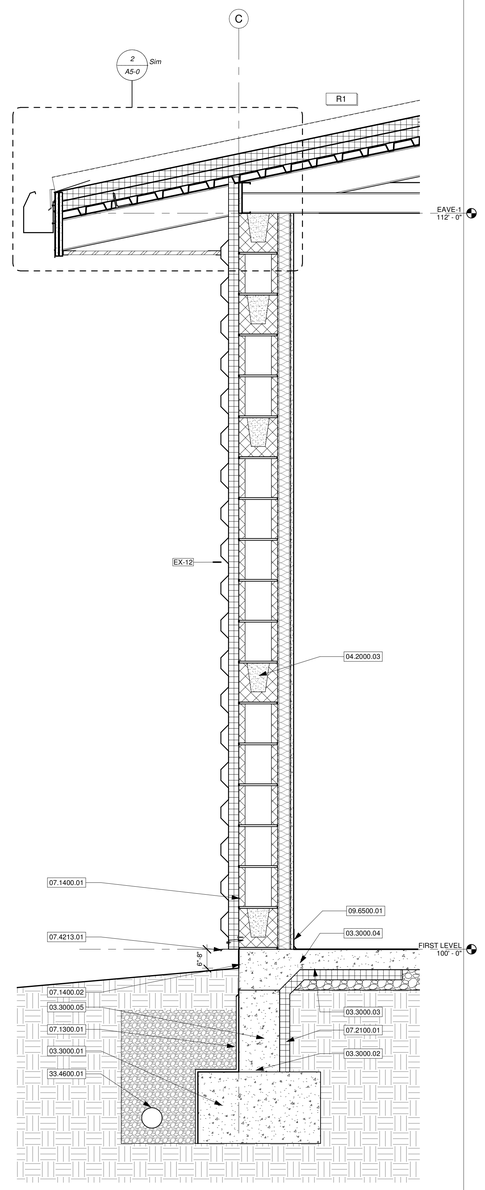
3 METAL PANEL W/ WAINSCOT

SCALE 1" = 1'-0"



2 WAINSCOT CAP @ METAL PANEL

SCALE 11/2" = 1'-0"



1 METAL PANEL

SCALE 1" = 1'-0"

KEYNOTE LEGEND

DIVISION	DESCRIPTION
03.3000.01	CAST IN PLACE CONCRETE FOOTING - SEE STRUCTURAL
03.3000.02	PROVIDE DAMPROOFING OR MEMBRANE CAPILLARY BREAK OVER FOOTING
03.3000.03	VAPOR BARRIER
03.3000.04	REINFORCED CONCRETE SLAB SEE STRUCTURAL
03.3000.05	CAST IN PLACE CONCRETE FOUNDATION WALL - SEE STRUCTURAL
03.4500.01	PRECAST ARCHITECTURAL WAINSCOT CAP WITH DRIP EDGE. WAINSCOT CAP TO BE SAME HEIGHT AS BRICK.
03.4500.02	PRECAST ARCHITECTURAL CAP WITH DRIP EDGE AND SLOPED TOP
04.2000.03	BOND BEAM - SEE STRUCTURAL
04.2000.04	METAL FLASHING. PROVIDE 1/4" HEMMED DRIP EDGE.
04.2000.07	PROVIDE MASONRY LADDER ANCHORS 24" ON CENTER HORIZONTALLY AND 16" ON CENTER VERTICALLY TYP.
04.2000.09	8"X8"X16" CONCRETE MASONRY UNIT. SEE STRUCTURAL FOR REINFORCING AND BOND BEAM REQUIREMENTS
04.2000.17	MASONRY ANCHOR WITH DOWEL AT EACH JOINT
05.1200.00	STRUCTURAL STEEL FRAMING, SEE STRUCTURAL
05.4000.02	6" METAL STUD RUNNER
05.4400.00	COLD-FORMED METAL TRUSSES, SEE STRUCTURAL
06.8316.01	5/8" GLASS MAT SHEATHING
07.1113.01	FLUID APPLIED BITUMINOUS DAMP PROOFING
07.1300.01	SELF ADHERED SHEET WATERPROOFING AND MOLDED SHEET DRAINAGE PANELS
07.1400.01	LAP FLUID APPLIED FLASHING OVER THROUGH WALL FLASHING
07.1400.02	FLUID APPLIED AIR AND WATER BARRIER
07.2100.01	2" PERIMETER INSULATION, RUN 2'-0" UNDER CONCRETE SLAB
07.2100.02	2" RIGID INSULATION AS CONTINUOUS INSULATION
07.4213.01	BASE FLASHING AND SUPPORT CLIP PER MANUFACTURER
07.4610.01	VENTED ALUMINUM SOFFIT PANEL
07.9200.02	CONTINUOUS BACKER ROD AND SEALANT
09.2116.01	5/8" GYPSUM WALLBOARD
09.2216.01	2 1/2" METAL STUD AT 24" O.C.
09.2216.03	6" METAL STUD AT 24" O.C.
09.6500.01	4" RESILIENT VINYL BASE. SEE FINISH SCHEDULE AND FINISH PLANS FOR MORE INFORMATION
09.9113.01	HIGH PERFORMANCE PAINT ON ALL EXPOSED STEEL COLUMNS. PAINT TO BE PT6
32.0519.13.01	FILTER FABRIC
33.4100.01	PLANTER DRAIN TO CONNECT TO FOUNDATION DRAIN
33.4100.02	GRANULAR FILL
33.4600.01	4" DIA. PERFORATED FOUNDATION SUBDRAINAGE. ENCASE IN GRANULAR FILL AND WRAP WITH GEOTEXTILE FABRIC

STATE OF MISSOURI
JARED A. YOUNGLOVE
NUMBER A-2017019282
ARCHITECT
6/11/21
JARED A. YOUNGLOVE, ARCHITECT
MO #: A-2017019282

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MISSOURI STATE CERTIFICATE OF AUTHORITY NUMBER A-2016000415

PARAGON ARCHITECTURE
637 COLLEGE STREET, SPRINGFIELD, MO 65806
PH: 417.885.0002
www.paragonarchitecture.com

REVISION SCHEDULE

SHEET NUMBER: **A5-1** DETAILS

PROJECT DESCRIPTION: MONETT LIBRARY BRANCH 19-556

2200 PARK STREET, MONETT, MO, 65708

PROJECT NUMBER: 19-556

DATE: 06/11/21

PROJECT ARCHITECT: JAY
DRAWN BY: TRW
CHECKED BY: JAY / R.V.

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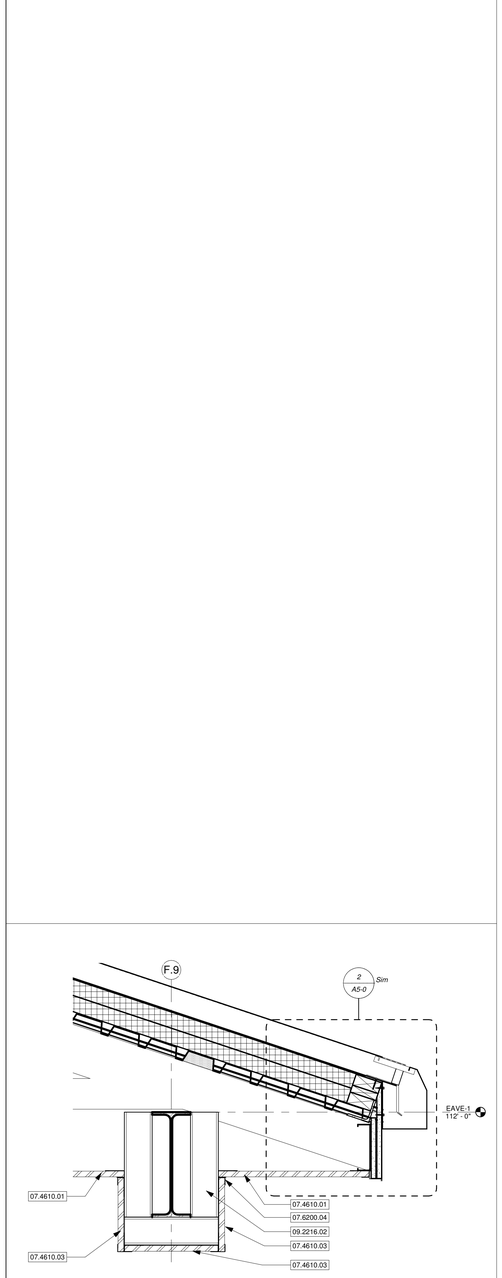
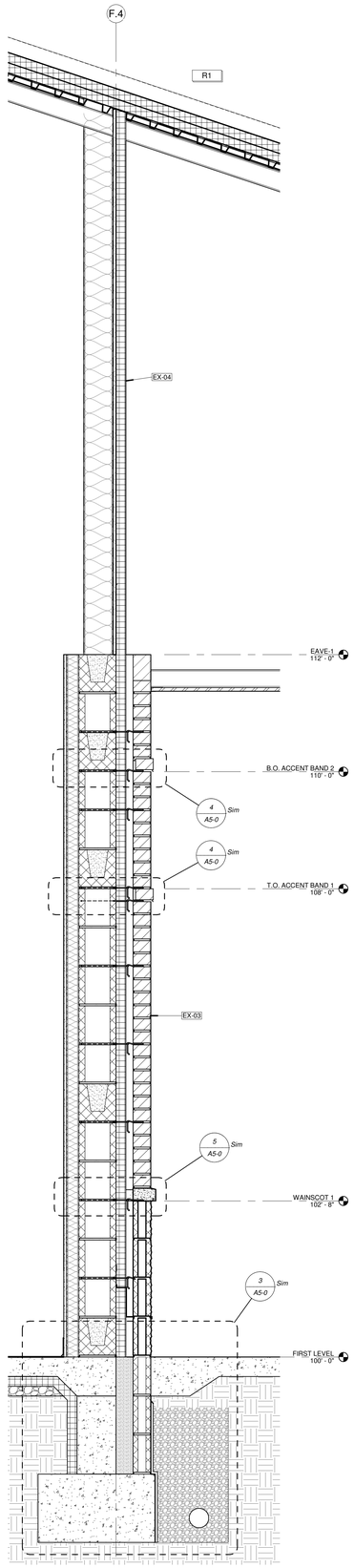


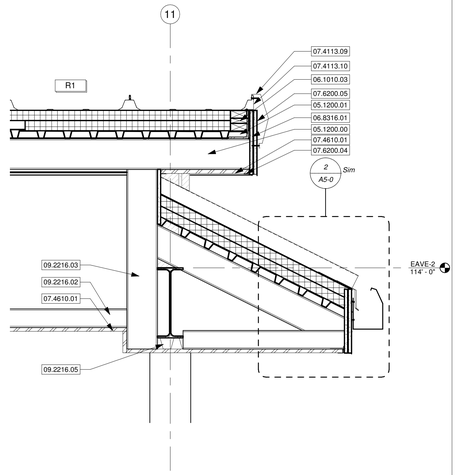
5 GUTTER AT PATIO DETAIL

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



4 BRICK W/ WAINSCOT @ PATIO OVERHANG

SCALE 1" = 1'-0"



3 ROOF @ ENTRY CANOPY

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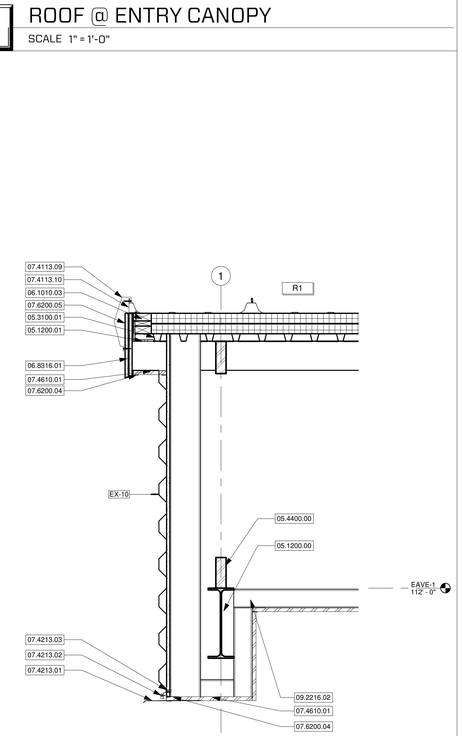
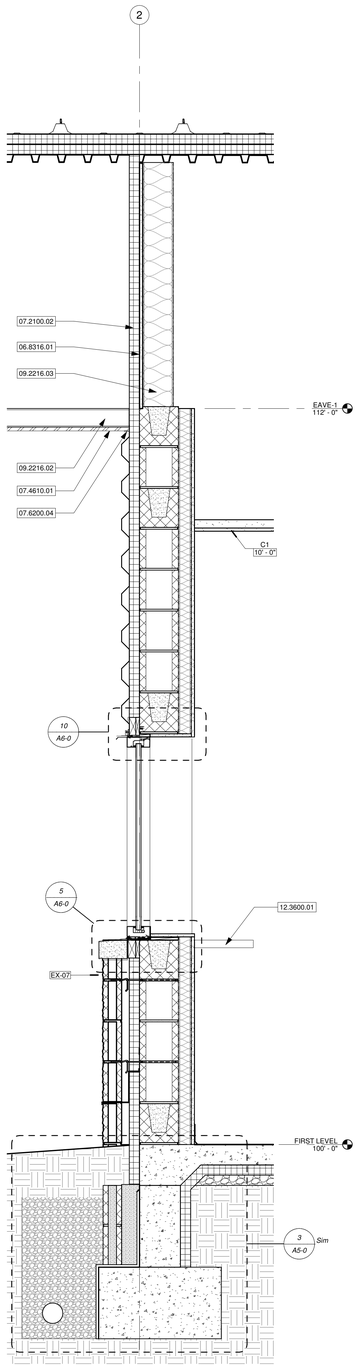


2 METAL PANEL @ DRIVE-THRU

SCALE 1" = 1'-0"



1 MTL PNL W/ WAINSCOT @ DRIVE-THRU

SCALE 1" = 1'-0"

KEYNOTE LEGEND

DIVISION	DESCRIPTION
05.1200.00	STRUCTURAL STEEL FRAMING, SEE STRUCTURAL
05.1200.01	LOOSE LINTEL - SEE STRUCTURAL
05.3100.01	STEEL DECKING, SEE STRUCTURAL
05.4400.00	COLD-FORMED METAL TRUSSES, SEE STRUCTURAL
06.1010.03	PRESSURE TREATED BLOCKING
06.8316.01	5/8" GLASS MAT SHEATHING
07.2100.02	2" RIGID INSULATION AS CONTINUOUS INSULATION
07.4113.09	SCULPTED EDGE RAKE TRIM
07.4113.10	LOW RAKE SUPPORT ANGLE
07.4213.01	BASE FLASHING AND SUPPORT CLIP PER MANUFACTURER
07.4213.02	COVER FLASHING WITH POP RIVET
07.4213.03	CONTINUOUS VERTICAL Z-FURRING PER PANEL MANUFACTURER. PROVIDE WATER RESISTIVE BARRIER SEALANT AT PENETRATION OF SHEATHING.
07.4610.01	VENTED ALUMINUM SOFFIT PANEL
07.4610.03	UN-VENTED ALUMINUM SOFFIT PANELS. STRUCTURE TO BE WRAPPED WITH SOFFIT PANELS.
07.6200.04	PRE-FINISHED METAL FASCIA WITH DRIP EDGE AND 4" END LAPS AND CONTINUOUS SEALANT AT LAPS
07.6200.05	PRE-FINISHED 5"X5" METAL GUTTER WITH SLOPED STRAPS 24" O.C.
09.2216.02	3 5/8" METAL STUD AT 24" O.C.
09.2216.03	6" METAL STUD AT 24" O.C.
09.2216.05	HAT CHANNEL
12.3600.01	SOLID SURFACE COUNTERTOP, SEE A9 SERIES FOR MORE INFORMATION

STATE OF MISSOURI
JARED A. YOUNGLOVE
NUMBER A-2017019282
ARCHITECT
6/11/21

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REVISION SCHEDULE

SHEET NUMBER: A5-2
SHEET DESCRIPTION: DETAILS

PROJECT DESCRIPTION: MONETT LIBRARY BRANCH 19-556

2200 PARK STREET, MONETT, MO. 65708

PROJECT NUMBER: 19-556

PROJECT ARCHITECT: JAY
DRAWN BY: TRW
CHECKED BY: JAY, P.E.V

DATE: 06/11/21

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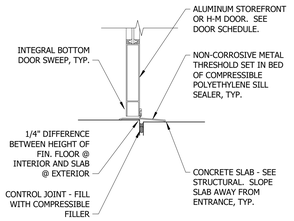
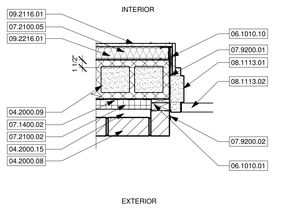
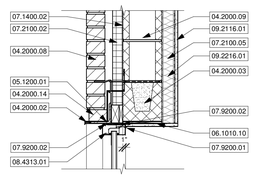


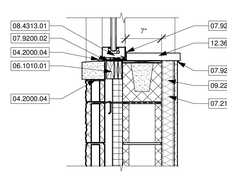
17 DOOR THERSHOLD
SCALE 1 1/2" = 1'-0"



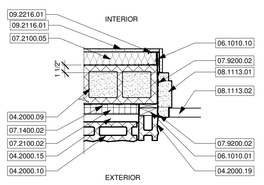
13 BRICK DOOR JAMB
SCALE 1" = 1'-0"



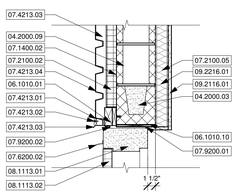
9 BRICK STOREFRONT HEAD
SCALE 1" = 1'-0"



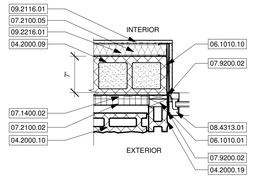
5 SPLIT FACE STOREFRONT SILL
SCALE 1" = 1'-0"



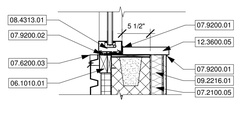
16 SPLIT FACE W/ METAL PANEL DOOR JAMB
SCALE 1" = 1'-0"



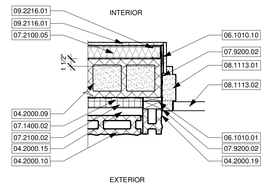
12 METAL PANEL DOOR HEAD
SCALE 1" = 1'-0"



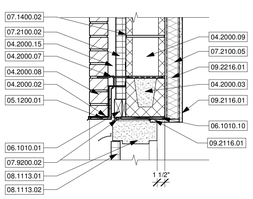
8 SPLIT FACE STOREFRONT JAMB
SCALE 1" = 1'-0"



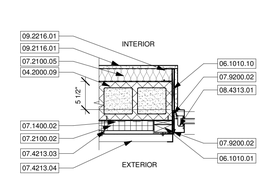
4 METAL PANEL STOREFRONT SILL
SCALE 1" = 1'-0"



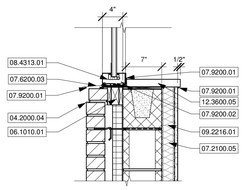
15 SPLIT FACE W/ BRICK DOOR JAMB
SCALE 1" = 1'-0"



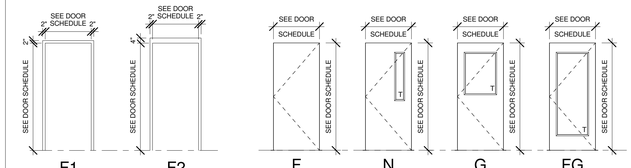
11 BRICK DOOR HEAD
SCALE 1" = 1'-0"



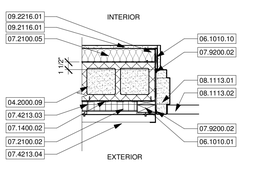
7 METAL PANEL STOREFRONT JAMB
SCALE 1" = 1'-0"



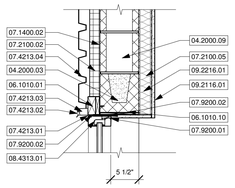
3 BRICK STOREFRONT SILL
SCALE 1" = 1'-0"



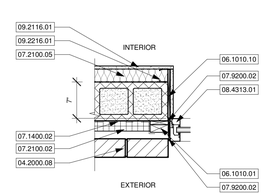
2 DOOR FRAME/TYPE ELEVATIONS
SCALE 1/4" = 1'-0"



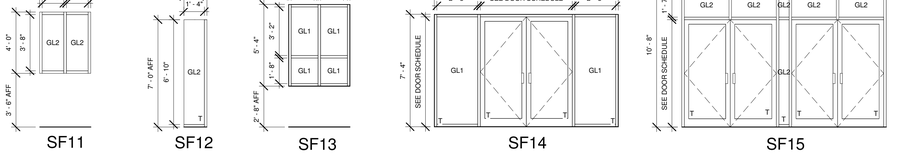
14 METAL PANEL DOOR JAMB
SCALE 1" = 1'-0"

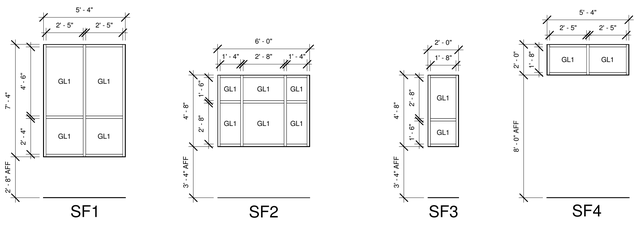


10 METAL PANEL STOREFRONT HEAD
SCALE 1" = 1'-0"



6 BRICK STOREFRONT JAMB
SCALE 1" = 1'-0"





1 STOREFRONT ELEVATIONS
SCALE 1/4" = 1'-0"

KEYNOTE LEGEND

04.2000.02	TOTALFLASH BY MORTARNET. LAP WEATHER BARRIER OVER TERMINATION BAR
04.2000.03	BOND BEAM - SEE STRUCTURAL.
04.2000.04	METAL FLASHING. PROVIDE 1/4" HEMMED DRIP EDGE.
04.2000.07	PROVIDE MASONRY LADDER ANCHORS 24" ON CENTER HORIZONTALLY AND 16" ON CENTER VERTICALLY TYP.
04.2000.08	BRICK TYPE 1 FULL RUNNING BOND. REFER TO A3 SERIES SHEETS FOR LOCATIONS. REFER TO A5 SERIES SHEETS FOR ADDITIONAL ASSEMBLY INFORMATION.
04.2000.09	8"X8"X16" CONCRETE MASONRY UNIT. SEE STRUCTURAL FOR REINFORCING AND BOND BEAM REQUIREMENTS
04.2000.10	4"X8"X16" SPLIT FACE CMU BLOCK
04.2000.14	BRICK TYPE 2 ACCENT BAND FULL RUNNING BOND. REFER TO A5 SERIES SHEETS FOR LOCATIONS. REFER TO A5 SERIES SHEETS FOR ADDITIONAL ASSEMBLY INFORMATION.
04.2000.15	1 1/2" MIN. AIR GAP
04.2000.19	GRIND SPLIT FACE BLOCK EDGES TO FORM UNIFORM MOUNTING SURFACE AND CAULK JOINT
05.1200.01	LOOSE LINTEL - SEE STRUCTURAL
06.1010.01	INTEGRAL WATER-RESISTIVE AND AIR BARRIER FLASHING AT WALL HEAD AND JAMB OF WALL OPENINGS. WRAPPED AROUND WOOD BLOCKING TYP.
06.1010.10	WOODEN SHIM
07.1400.02	FLUID APPLIED AIR AND WATER BARRIER
07.2100.02	2" RIGID INSULATION AS CONTINUOUS INSULATION
07.2100.05	BATT INSULATION
07.4213.01	BASE FLASHING AND SUPPORT CLIP PER MANUFACTURER
07.4213.02	COVER FLASHING WITH POP RIVET
07.4213.03	CONTINUOUS VERTICAL Z-FURRING PER PANEL MANUFACTURER. PROVIDE WATER RESISTIVE BARRIER SEALANT AT PENETRATION OF SHEATHING.
07.4213.04	HORIZONTAL METAL WALL PANELS
07.6200.02	DRIP CAP
07.6200.03	PREFINISHED METAL PAN FLASHING WITH END DAMS AND HEMMED DRIP EDGE
07.9200.01	CONTINUOUS SEALANT
07.9200.02	CONTINUOUS BACKER ROD AND SEALANT
08.1113.01	HOLLOW METAL DOOR FRAME, GROUT SOLID
08.1113.02	INSULATED HOLLOW METAL DOOR
08.4313.01	ALUMINUM STOREFRONT TYP.
09.2116.01	5/8" GYPSUM WALLBOARD
09.2216.01	2 1/2" METAL STUD AT 24" O.C.
12.3600.05	SOLID SURFACE WINDOW SILL

DOOR SCHEDULE

NO.	DOOR SINGLE / PAIR	DOOR SIZE W	DOOR SIZE H	DOOR TYPE	DOOR MATL	DOOR FINISH	FRAME TYPE	FRAME MATL	FRAME FINISH	FIRE RATING	REMARKS
100-1	PAIR	6' - 0"	7' - 0"	FG	AL	PF	SF7	AL	PF		
100-2	PAIR	6' - 0"	7' - 0"	FG	AL	PF	SF7	AL	PF		
100-3	PAIR	6' - 0"	7' - 0"	FG	AL	PF	SF15	AL	PF		
100-4	PAIR	6' - 0"	7' - 0"	FG	AL	PF	SF5	AL	PF		
100-5	PAIR	6' - 0"	7' - 0"	FG	AL	PF	SF15	AL	PF		
100-6	PAIR	6' - 0"	7' - 0"	FG	AL	PF	SF15	AL	PF		
101-1	SINGLE	3' - 0"	7' - 0"	N	HM	PT	F2	HM	PT		
102-1	SINGLE	6' - 0"	7' - 0"	N	WD	PT	F1	HM	PT		
102-2	SINGLE	3' - 0"	7' - 0"	N	HM	PT	F2	HM	PT		
102-3	SINGLE	3' - 0"	7' - 0"	N	HM	PT	F2	HM	PT		
102-4	PAIR	6' - 0"	7' - 0"	F	WD	PT	F1	HM	PT		
102-5	PAIR	6' - 0"	7' - 0"	F	WD	PT	F1	HM	PT		
104-1	PAIR	6' - 0"	7' - 0"	F	WD	PT	F1	HM	PT		
105-1	SINGLE	3' - 0"	7' - 0"	F	WD	PT	F1	HM	PT		
106-1	SINGLE	3' - 0"	7' - 0"	F	WD	PT	F1	HM	PT		
107-1	SINGLE	3' - 0"	7' - 0"	F	WD	PT	F1	HM	PT		
108-1	SINGLE	3' - 0"	7' - 0"	G	HM	PT	F2	HM	PT		
112-1	SINGLE	3' - 0"	7' - 2"	FG	AL	PF	F2	AL	PF		
113-1	PAIR	6' - 0"	7' - 0"	FG	AL	PF	SF9	AL	PF		
113-2	PAIR	6' - 0"	7' - 2"	FG	AL	PF	SF14	AL	PF		
113-3	SINGLE	3' - 0"	7' - 0"	F	WD	PT	F1	HM	PT		
113-5	SINGLE	3' - 0"	7' - 0"	F	WD	PT	F1	HM	PT		
113-6	SINGLE	3' - 0"	7' - 0"	N	HM	PT	F2	HM	PT		
113-7	SINGLE	3' - 0"	7' - 0"	F	WD	PT	F1	HM	PT		
114-1	SINGLE	3' - 0"	7' - 0"	F	WD	PT	F1	HM	PT	45 MIN.	
114-2	PAIR	6' - 0"	7' - 0"	F	HM	PT	F2	HM	PT		
117-1	SINGLE	3' - 0"	7' - 0"	N	HM	PT	F2	HM	PT		
118-1	SINGLE	3' - 0"	7' - 0"	G	WD	PT	F1	HM	PT		
118-2	SINGLE	3' - 0"	7' - 0"	G	WD	PT	F1	HM	PT		
119-1	SINGLE	3' - 0"	7' - 0"	F	WD	PT	F1	HM	PT		
120-1	SINGLE	3' - 0"	7' - 0"	F	WD	PT	F1	HM	PT	45 MIN.	
120-2	SINGLE	3' - 6"	7' - 0"	F	HM	PT	F2	HM	PT		
120-3	PAIR	6' - 0"	7' - 0"	F	WD	ST	F1	HM	PT		
121-1	SINGLE	3' - 0"	7' - 0"	G	WD	PT	F1	HM	PT		
122-1	SINGLE	3' - 0"	7' - 0"	G	WD	PT	F1	HM	PT		
123-1	SINGLE	3' - 0"	7' - 0"	FG	AL	PF	SF11	AL	PF		
124-1	SINGLE	3' - 0"	7' - 0"	FG	AL	PF	SF11	AL	PF		
125-1	SINGLE	3' - 0"	7' - 0"	FG	AL	PF	SF11	AL	PF		
126-1	SINGLE	3' - 0"	7' - 0"	FG	AL	PF	SF11	AL	PF		
127-1	SINGLE	3' - 0"	7' - 0"	FG	AL	PF	F1	AL	PF		
130-1	SINGLE	3' - 0"	7' - 0"	F	WD	PT	F1	HM	PT		

DOOR SCHEDULE LEGEND

MATERIAL ABBREVIATIONS

HM	HOLLOW METAL
WD	SOLID CORE WOOD
AL	ALUMINUM FRAMED
GL	GLASS

GLASS TYPES

GL1	INSULATED GLASS
GL2	FLOAT GLASS

GENERAL NOTES:

1. REFER TO A6 SHEETS FOR HEAD, JAMB, AND SILL DETAILS, UNLESS NOTED OTHERWISE.
2. DIMENSIONS DO NOT REFLECT SIZE OF PACKAGED DOORS - SEE ELEVATIONS.
3. REFER TO ELECTRICAL WIRING DIAGRAMS OF POWERED OPENINGS FOR ADDITIONAL INFORMATION.
4. ALL GLASS IN DOORS, ADJACENT OR WITHIN 12" OF DOORS HORIZONTALLY, WITHIN 36" OF STAIRS OR CLOSER THAN 18" TO FLOOR TO BE TEMPERED PER CODE (IBC ADOPTED EDITION). GLASS MARKED WITH "T" DENOTES TEMPERED GLASS.
5. DOOR FRAME PAINT IDENTIFIED ON FINISH SCHEDULE ON SHEET A9-0.

MISSOURI STATE CERTIFICATE OF AUTHORITY NUMBER A-2016004515

PARAGON
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STATE OF MISSOURI
JARED A. YOUNGLOVE
NUMBER A-2017019282
ARCHITECT
6/11/21

JARED A. YOUNGLOVE, ARCHITECT
MO.# A-2017019282

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REVISION SCHEDULE

PROJECT DESCRIPTION:
MONETT LIBRARY BRANCH 19-556
2300 PARK STREET, MONETT, MO. 65708

SHEET NUMBER:
A6-0
OPENINGS

PROJECT NUMBER:
19-556

DATE:
06/11/21

PROJECT ARCHITECT: JAY
DRAWN BY: TRW
CHECKED BY: JAY, P.V.

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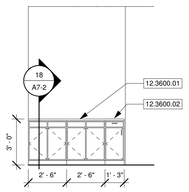
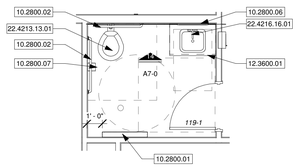


18 COFFEE BAR ELEVATION

SCALE 1/4" = 1'-0"



13 ENLARGED PLAN RR 119

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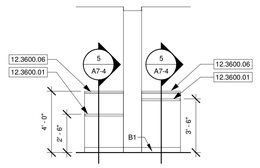

9 COLUMN WORKSTATIONS S

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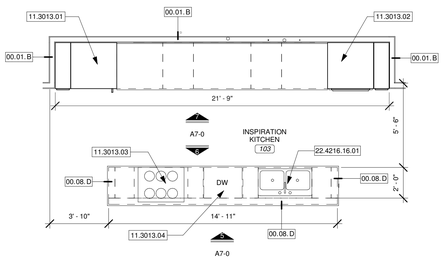

4 ENLARGED PLAN INSPIRATION KITCHEN

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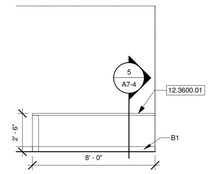

17 GENEALOGY CASEWORK

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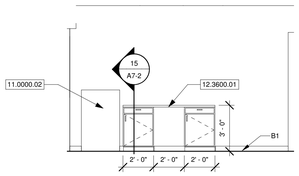
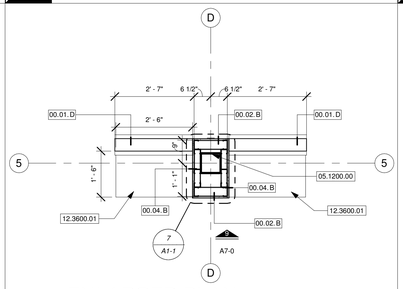


12 COPY MACHINE COUNTERTOP

SCALE 1/4" = 1'-0"



ENLARGED PLAN COLUMN WORKSTATIONS

8

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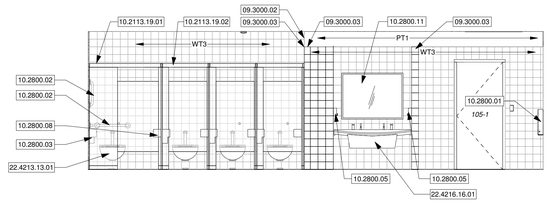
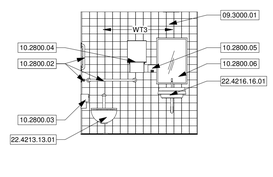


3 WOMEN'S RR SOUTH

SCALE 1/4" = 1'-0"



16 RR 130 WET WALL ELEVATION

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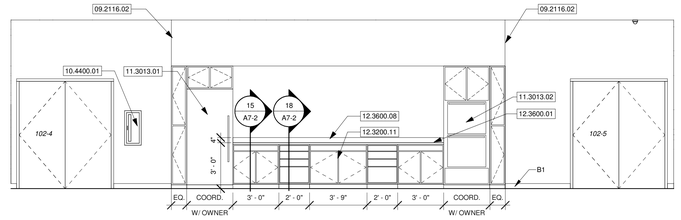

7 INSPIRATION KITCHEN NORTH

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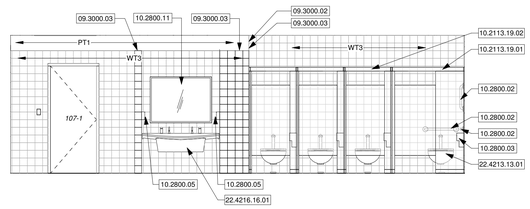

2 MEN'S RR NORTH

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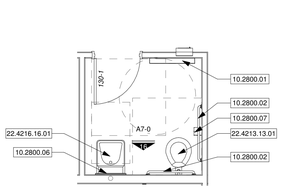
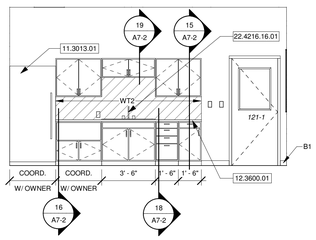


ENLARGED PLAN CHILDREN'S RESTROOM

15

SCALE 1/4" = 1'-0"



11 BREAK ROOM CASEWORK

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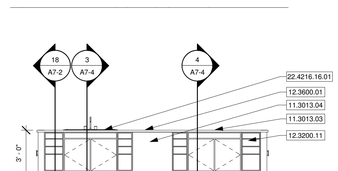
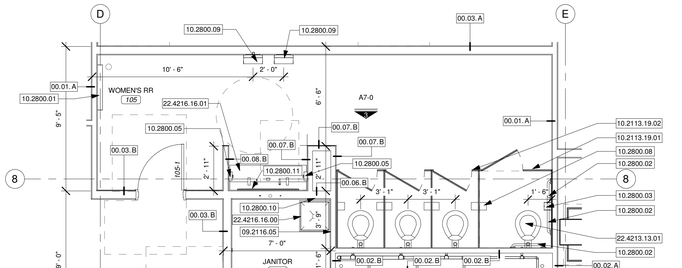


6 INSPIRATION KITCHEN ISLAND S

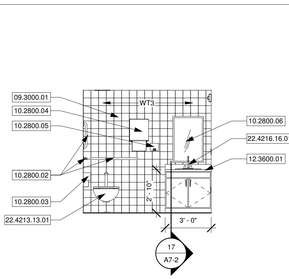
SCALE 1/4" = 1'-0"



ENLARGED PLAN PUBLIC RESTROOM

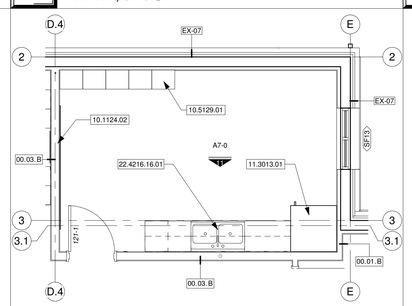
1

SCALE 1/4" = 1'-0"



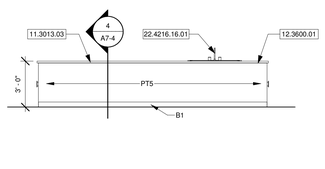
14 RR 119 WET WALL ELEVATION

SCALE 1/4" = 1'-0"



10 ENLARGED PLAN BREAKROOM

SCALE 1/4" = 1'-0"



5 INSPIRATION KITCHEN ISLAND N

SCALE 1/4" = 1'-0"

INTERIOR ELEVATION GENERAL NOTES

1. REFER TO M/E/P DRAWINGS TO COORDINATE CONNECTIONS WITH EQUIPMENT.
2. ALL DIMENSIONS ARE TAKEN TO THE FACE OF FINISHED MATERIAL.
3. INSTALL WOOD BLOCKING TO STUDS TO SUPPORT ALL WALL-MOUNTED CABINETRY, ACCESSORIES, AND EQUIPMENT AS REQUIRED.
4. CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTING CABINETRY.
5. ALL BASE CABINETS SHALL BE 2'-0" DEEP UNLESS NOTED OTHERWISE.
6. PROVIDE FILLER PANELS AT ALL LOCATIONS WHERE CABINETRY ABUTS A WALL.
7. PROVIDE A 4" HIGH INTEGRAL BACK SPLASH ON ALL COUNTERS WITH RECESSED SINKS, UNLESS NOTED OTHERWISE. INSTALL SIDE SPLASHES WHERE THESE COUNTERS ABUT A WALL, UNLESS NOTED OTHERWISE.
8. PROVIDE ADJUSTABLE SHELVING WITHIN ALL WALL AND BASE CABINETRY AS SHOWN BY DASHED LINE.
9. PROVIDE 12" CLEAR INTERIOR DIMENSION ON ALL UPPER WALL CABINETS UNLESS NOTED OTHERWISE.
10. COORDINATE BULKHEAD HEIGHTS INDICATED HERE WITH THAT SHOWN ON THE REFLECTED CEILING PLAN. CONFIRM ANY DISCREPANCIES WITH THE ARCHITECT PRIOR TO CONSTRUCTION.
11. COORDINATE ALL WALL OUTLETS TO AVOID CONFLICT WITH CASEWORK.
12. PAINTING CONTRACTOR IS TO STENCIL WALL RATING ON WALLS INDICATED AS RATED ABOVE THE CEILING ON 20'-30' INTERVALS.
13. SEE FINISH PLAN FOR FIELD PAINT LOCATIONS. ACCENT PAINT LOCATIONS NOTED ON INTERIOR ELEVATION. SEE FINISH PLAN FOR ADDITIONAL INFORMATION.

KEYNOTE LEGEND

05.1200.00	STRUCTURAL STEEL FRAMING, SEE STRUCTURAL
09.2116.02	GYPSUM BOARD CONTROL JOINT
09.2116.05	FIBERGLASS REINFORCED PANELS AROUND JANITOR SINK
09.3000.01	PORCELAIN WALL TILE. REFER TO FINISH LEGEND FOR ADDITIONAL INFORMATION.
09.3000.02	TILE NOT TO RETURN ON THE WALL
09.3000.03	TILE TRIM. SEE FINISH PLAN LEGEND FOR ADDITIONAL INFORMATION.
10.1124.02	8'-0"X4'-0" TACK BOARD MOUNTED 3'-6" ABOVE FINISH FLOOR
10.2113.19.01	56"X60" CLEAR SPACE PLASTIC TOILET COMPARTMENT
10.2113.19.02	36"X60" CLEAR SPACE PLASTIC TOILET COMPARTMENT
10.2800.01	WALL HUNG BABY CHANGING STATION
10.2800.02	GRAB BARS. SEE G0-2 FOR LOCATIONS
10.2800.03	JUMBO ROLL TOILET PAPER DISPENSER. SEE G0-2 FOR LOCATION
10.2800.04	PAPER TOWEL DISPENSER. SEE G0-2 FOR MORE INFORMATION
10.2800.05	SOAP DISPENSER. SEE G0-2 FOR MORE INFORMATION
10.2800.06	24"X36" WALL MIRROR
10.2800.07	DOUBLE ROLL TOILET PAPER DISPENSER. SEE G0-2 FOR MORE INFORMATION.
10.2800.08	SANITARY NAPKIN DISPOSAL.
10.2800.09	ELECTRIC HAND DRYER
10.2800.10	BROOM AND MOP HANGER ABOVE JANITOR SINK
10.2800.11	48"X36" WALL MIRROR
10.4400.01	SEMI-RECESSED FIRE EXTINGUISHER CABINET WITH 10 LBS ABC FIRE EXTINGUISHER INSIDE. MOUNT CABINET WITH BOTTOM NOT MORE THAN 27 INCHES ABOVE FINISH FLOOR LEVEL.
10.5129.01	STAFF LOCKERS. OWNER FURNISHED OWNER INSTALLED
11.0000.02	COPIER. OWNER FURNISHED OWNER INSTALLED
11.3013.01	SINGLE DOOR REFRIGERATOR. OWNER FURNISHED CONTRACTOR INSTALLED
11.3013.02	IN-WALL DOUBLE OVEN. OWNER FURNISHED CONTRACTOR INSTALLED
11.3013.03	COOKTOP WITH DOWNDRAFT VENTING. OWNER FURNISHED CONSTRACTOR INSTALLED
11.3013.04	UNDER COUNTER DISHWASHER. OWNER FURNISHED CONTRACTOR INSTALLED
12.3200.11	CASEWORK IN INSPIRATION KITCHEN NOT TO HAVE PULL HARDWARE.
12.3600.01	SOLID SURFACE COUNTERTOP. SEE A9 SERIES FOR MORE INFORMATION
12.3600.02	PROVIDE 8"X8" HOLE IN COUNTERTOP FOR TRASH CAN BENEATH. HOLE TO BE CENTERED IN COUNTERTOP.
12.3600.06	SOLID SURFACE WALL CAP
12.3600.08	SOLID SURFACE BACKLPASH. SEE ELEVATIONS FOR HEIGHT
22.3000.00	WATER HEATER, SEE MEP
22.4213.13.01	COMMERCIAL WATER CLOSET, SEE MEP
22.4216.16.00	COMMERCIAL SINKS, SEE MEP
22.4216.16.01	SINK, SEE MEP

STATE OF MISSOURI
JARED A. YOUNGLOVE
NUMBER A-2017019282
ARCHITECT
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www.paragonarchitecture.com
MISSOURI STATE CERTIFICATE OF AUTHORITY NUMBER A-2016004115

REVISION SCHEDULE

PROJECT DESCRIPTION:

MONETT LIBRARY BRANCH 19-556

ENLARGED PLANS AND INTERIOR ELEVATIONS

2200 PARK STREET, MONETT, MO, 65708

PROJECT NUMBER: 19-556

PROJECT ARCHITECT: JAY
DRAWN BY: TRW, KAS
CHECKED BY: JAY, TVY

DATE: 06/11/21

SHEET NUMBER: A7-0

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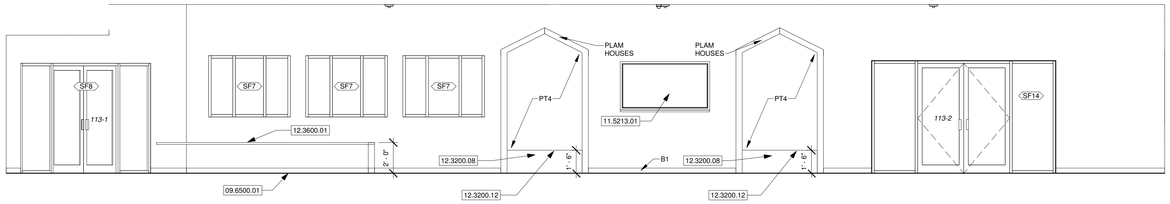
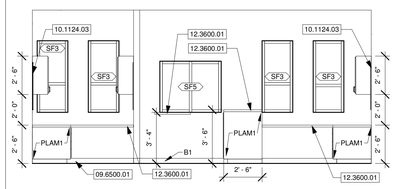


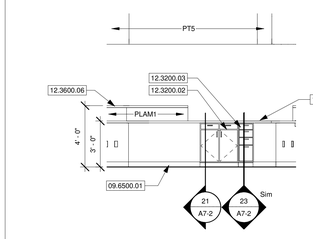
13 CHILDREN'S AREA NORTH

SCALE 1/4" = 1'-0"



9 WORK ROOM NORTH

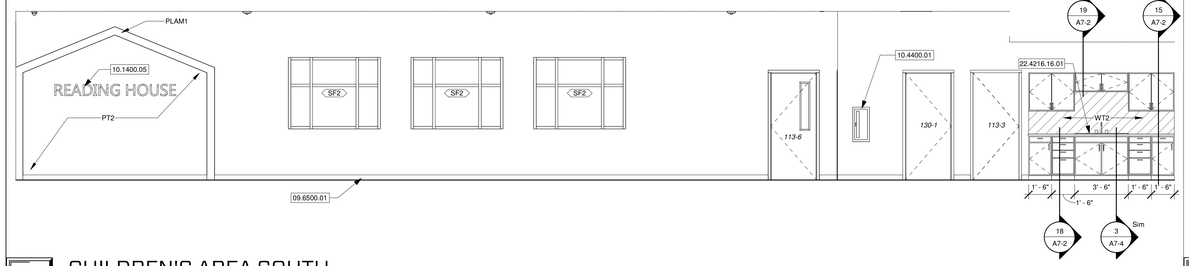
SCALE 1/4" = 1'-0"



5 CIRC DESK BACK WEST

SCALE 1/4" = 1'-0"

KEYNOTE LEGEND	
09.6500.01	4" RESILIENT VINYL BASE. SEE FINISH SCHEDULE AND FINISH PLANS FOR MORE INFORMATION
10.0000.01	LIVE TREE TO BE FELLED, DRIED, STRIPPED OF BARK, AND PROFILED TO FIT AROUND THE STRUCTURAL COLUMN. SUPPORT TREE OFF OF COLUMN WITH BLOCKING AS NECESSARY. FINISH TREE WITH WATER BASED POLYUTETHANE SATIN FINISH. SELECTION OF TREE TO BE SELECTED BY OWNER, CMR, AND ARCHITECT PRESENT BEFORE FELLING.
10.1124.01	4'-0"X4'-0" TACK BOARD MOUNTED 3'-6" ABOVE FINISH FLOOR
10.1124.03	2'-0"X3'-0" TACK BOARD, OWNER FURNISHED AND INSTALLED
10.1400.05	CHARACTER SIGNAGE. PREFINISHED MDF WOOD LETTERS. BASIS-OF-DESIGN TO BE WOODLAND MANUFACTURING. CUSTOM COLOR PAINT PT3. COORDINATE WITH OWNER ARCHITECT.
10.4400.01	SEMI-RECESSED FIRE EXTINGUISHER CABINET WITH 10 LBS ABC FIRE EXTINGUISHER INSIDE. MOUNT CABINET WITH BOTTOM NOT MORE THAN 27 INCHES ABOVE FINISH FLOOR LEVEL.
11.5213.01	TELEVISION AND TELEVISION MOUNTING BRACKET OWNER FURNISHED CONTRACTOR INSTALLED
12.3200.02	PLASTIC LAMINATE BASE CABINET WITH ADJUSTABLE SHELVES. FIELD VERIFY DIMENSIONS PRIOR TO FABRICATION.
12.3200.03	PLASTIC LAMINATE CLAD BASE CABINET 3-DRAWER UNIT, FIELD VERIFY DIMENSIONS PRIOR TO FABRICATION.
12.3200.08	WOODEN BENCH. BENCH TO PLAM WITH UPHOLSTERY ON TOP
12.3200.09	HOLE FOR BOOK DROP. ENCLOSED SIDES TO BE PLAM OVER 3/4" #45 PARTICLE BOARD.
12.3200.12	UPHOLSTERED CUSHION ATTACHED TO TOP OF BENCH.. FABRIC: BASIS-OF-DESIGN TO BE: MANUF: DESIGN TEX, PATTERN: EVERYWHERE TEXTURE, COLOR: ORANGE 4147-700.
12.3600.01	SOLID SURFACE COUNTERTOP. SEE A9 SERIES FOR MORE INFORMATION
12.3600.04	SOLID SURFACE WATERFALL EDGE WITH MITERED EDGE AT CONNECTION
12.3600.06	SOLID SURFACE WALL CAP
22.4216.16.01	SINK, SEE MEP



12 CHILDREN'S AREA SOUTH

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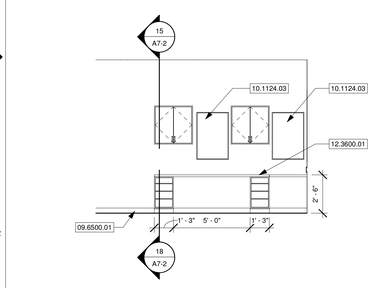

8 WORK ROOM WEST

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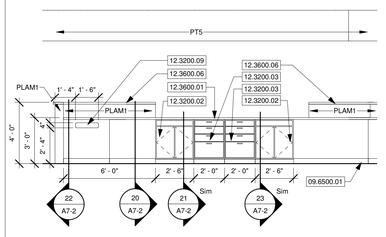

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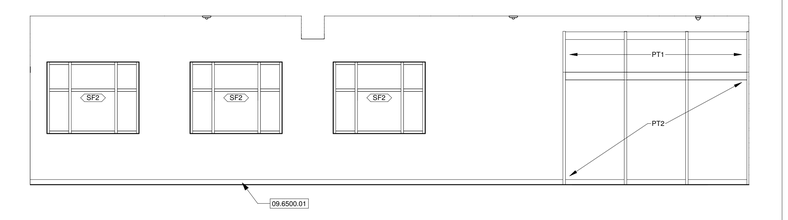

16 CHILDREN'S AREA EAST

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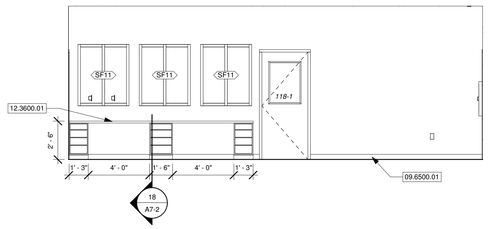
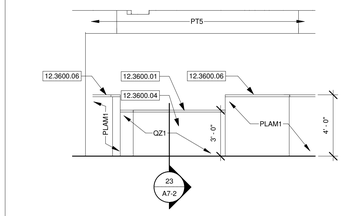


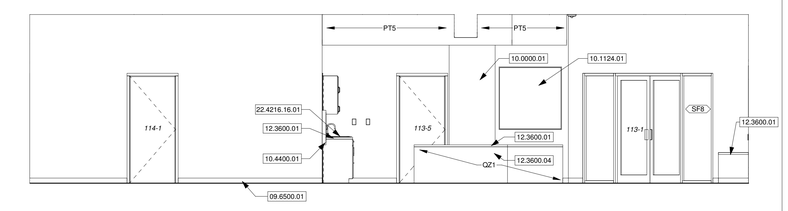
7 WORK ROOM SOUTH

SCALE 1/4" = 1'-0"



3 CIRC DESK FRONT SOUTHWEST

SCALE 1/4" = 1'-0"



15 CHILDREN'S AREA WEST

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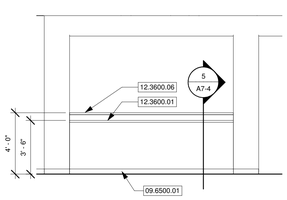
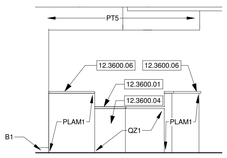


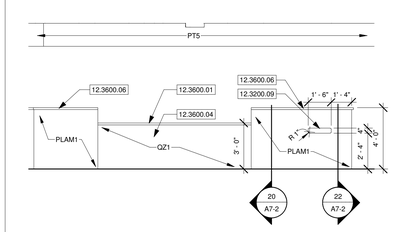
11 TEEN LAPTOP BAR

SCALE 1/4" = 1'-0"



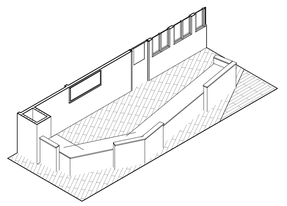
6 CIRC DESK FRONT WEST

SCALE 1/4" = 1'-0"

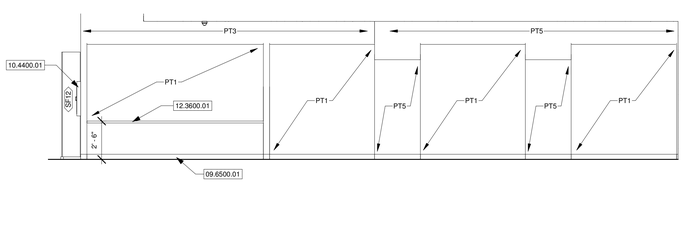


2 CIRC DESK FRONT SOUTHEAST

SCALE 1/4" = 1'-0"

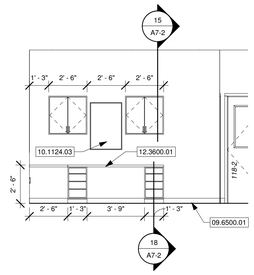


1A CIRCULATION DESK 3D



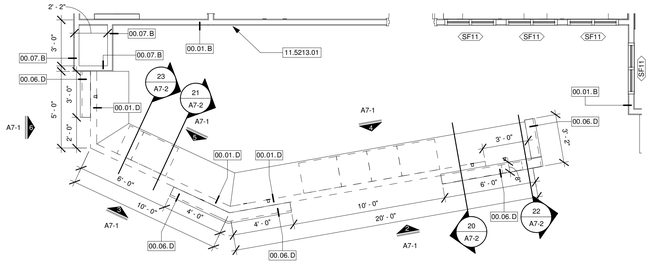
14 TEEN BOOTH SEATING

SCALE 1/4" = 1'-0"



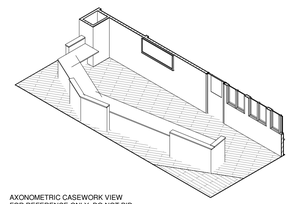
10 WORK ROOM EAST

SCALE 1/4" = 1'-0"



1 CIRCULATION DESK

SCALE 1/4" = 1'-0"



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STATE OF MISSOURI
JARED A. YOUNGLOVE
NUMBER A-2017015282
ARCHITECT
6/11/21

JARED A. YOUNGLOVE, ARCHITECT
MO # A-2017015282

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MISSOURI STATE CERTIFICATE OF AUTHORITY NUMBER A-2016004515

PARAGON
ARCHITECTURE
637 COLLEGE STREET, SPRINGFIELD, MO 65806
PH: 417.885.0002
www.paragonarchitecture.com

PROJECT DESCRIPTION:

REVISION SCHEDULE

SHEET NUMBER: **A7-1**

MONETT LIBRARY BRANCH 19-556

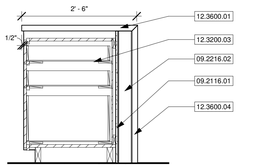
ENLARGED PLANS AND INTERIOR ELEVATIONS

PROJECT NUMBER: 19-556

2200 PARK STREET, MONETT, MO, 65708

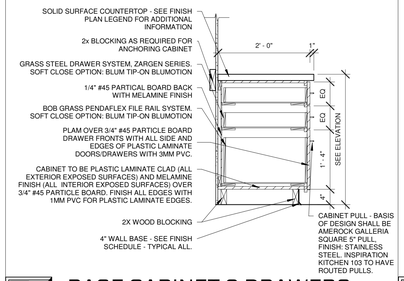
DATE: 06/11/21

PROJECT ARCHITECT: JAY
DRAWN BY: TRW, KAS
CHECKED BY: JAY, TCV



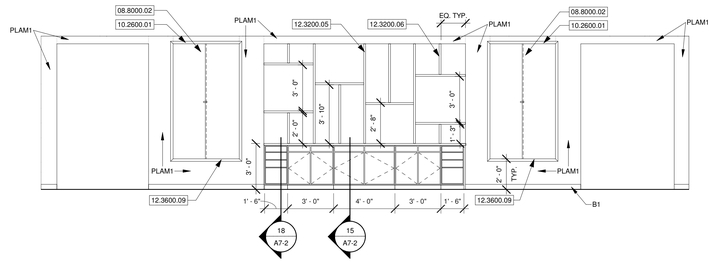
23 CIRCULATION DESK SECTION 4

SCALE 3/4" = 1'-0"



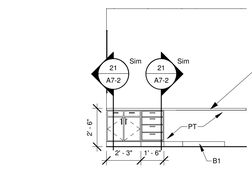
18 BASE CABINET 3 DRAWERS

SCALE 3/4" = 1'-0"



10 DISPLAY SHELVING EAST FACE

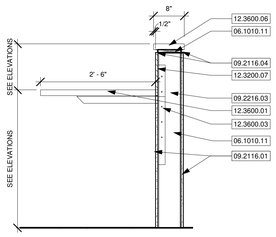
SCALE 1/4" = 1'-0"



5 CHILDREN'S DESK NORTH

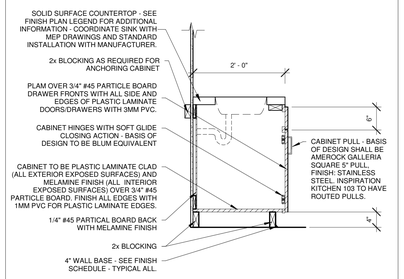
SCALE 1/4" = 1'-0"

KEYNOTE LEGEND	
DIVISION	DESCRIPTION
06.1010.11	WOOD BLOCKING AS REQUIRED
08.8000.02	PROVIDE TWO PANELS OF 1/4" TEMPERED GLASS ON DOUBLE-TRACK SLIDING PANEL HARDWARE ON BOTH SIDES OF DISPLAY CASE FOR A TOTAL OF FOUR PANELS PER DISPLAY CASE. PROVIDE LOCKING MECHANISMS BETWEEN PANELS OF GLASS FOR A TOTAL OF TWO LOCKS PER DISPLAY CASE. PROVIDE RAIL WITH BUMPER ON LEFT AND RIGHT SIDES OF EACH GLASS PANEL FOR A TOTAL OF 4 RAILS PER DISPLAY CASE. SLIDING HARDWARE BASIS-OF-DESIGN TO BE C.R. LAURENCE COMPANY ROLL-EZY DOUBLE TRACK WITH BALL BEARING KV99236. RAIL WITH BUMPER BASIS-OF-DESIGN TO BE C.R. LAURENCE DEEP CHANNEL DUST PROOF RAIL WITH BUMPER D183A.
09.2116.01	5/8" GYPSUM WALLBOARD
09.2116.04	1/2" MILL FINISHED ALUMINUM TRIM CHANNEL WITH OPEN SIDE FACING OUT
09.2216.02	3 5/8" METAL STUD AT 24" O.C.
09.2216.03	6" METAL STUD AT 24" O.C.
09.6500.01	4" RESILIENT VINYL BASE. SEE FINISH SCHEDULE AND FINISH PLANS FOR MORE INFORMATION
10.0000.01	LIVE TREE TO BE FELLED, DRIED, STRIPPED OF BARK, AND PROFILED TO FIT AROUND THE STRUCTURAL COLUMN. SUPPORT TREE OFF OF COLUMN WITH BLOCKING AS NECESSARY. FINISH TREE WITH WATER BASED POLYUTETHANE SATIN FINISH. SELECTION OF TREE TO BE SELECTED BY OWNER, CMR, AND ARCHITECT PRESENT BEFORE FELLING.
10.1124.01	4'-0"X4'-0" TACK BOARD MOUNTED 3'-6" ABOVE FINISH FLOOR
10.1400.05	CHARACTER SIGNAGE. PREFINISHED MDF WOOD LETTERS. BASIS-OF-DESIGN TO BE WOODLAND MANUFACTURING. CUSTOM COLOR PAINT PT3. COORDINATE WITH OWNER ARCHITECT.
10.2600.01	PROVIDE CORNER GUARD TRIM ON EDGES OF DISPLAY CASE ON BOTH SIDES OF OPENING. MITER CORNERS. SCRIBE CORNER GUARD TO FACE OF SLIDING TRACKS OF DISPLAY CASE ON TOP AND BOTTOM. PROVIDE FULL DEPTH CORNER GUARDS ON SIDES.
12.3200.02	PLASTIC LAMINATE BASE CABINET WITH ADJUSTABLE SHELVES. FIELD VERIFY DIMENSIONS PRIOR TO FABRICATION.
12.3200.03	PLASTIC LAMINATE CLAD BASE CABINET 3-DRAWER UNIT, FIELD VERIFY DIMENSIONS PRIOR TO FABRICATION.
12.3200.05	1 1/2" PLAM #45 PARTICLE BOARD
12.3200.06	ADJUSTABLE SHELVING STANDARDS. FLUSH MOUNTED. PROVIDE 2 SHELVES PER PAIR OF STANDARDS INSTALLED
12.3200.07	3/4" PLAM #45 PARTICLE BOARD
12.3200.10	PROVIDE GROMMET HOLES WITH TRIM
12.3600.01	SOLID SURFACE COUNTERTOP. SEE A9 SERIES FOR MORE INFORMATION
12.3600.03	CONCEALED COUNTER TOP BRACKET BASIS OF DESIGN TO BE A&M EC-21 FOR 24" COUNTERTOP.
12.3600.04	SOLID SURFACE WATERFALL EDGE WITH MITERED EDGE AT CONNECTION
12.3600.06	SOLID SURFACE WALL CAP
12.3600.09	SOLID SURFACE SILL ON BOTTOM OF DISPLAY CABINET. INSTALL OVER 3/4" PLYWOOD. INSTALL SOLID SURFACE ON INSIDE OF SLIDING GLASS TRACKS. PROVIDE SEALANT BETWEEN TRACK AND SOLID SURFACE.
22.4216.16.01	SINK, SEE MEP



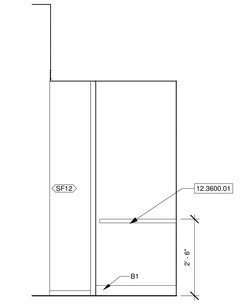
22 CIRCULATION DESK SECTION 3

SCALE 3/4" = 1'-0"



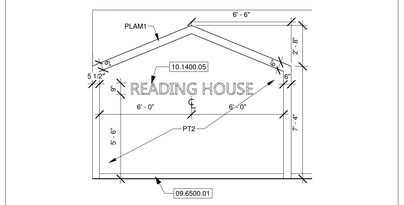
17 VANITY W/ SINK

SCALE 3/4" = 1'-0"



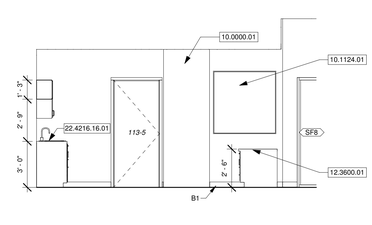
14 COMPUTER STATION SIDE

SCALE 1/2" = 1'-0"



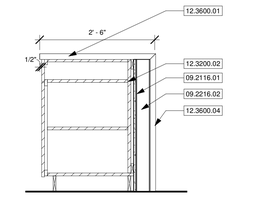
CHILDREN'S AREA - READING HOUSE NORTH

SCALE 1/4" = 1'-0"



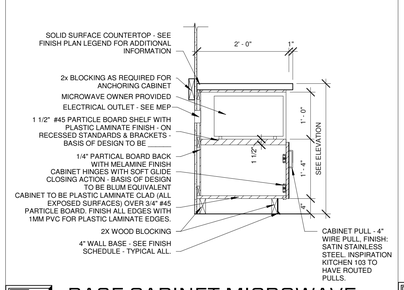
9 CHILDREN'S DESK WEST

SCALE 1/4" = 1'-0"



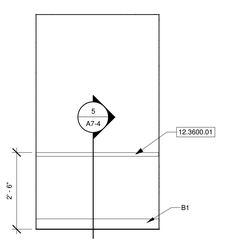
21 CIRCULATION DESK SECTION 2

SCALE 3/4" = 1'-0"



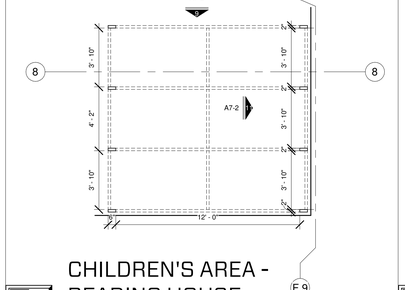
16 BASE CABINET MICROWAVE

SCALE 3/4" = 1'-0"



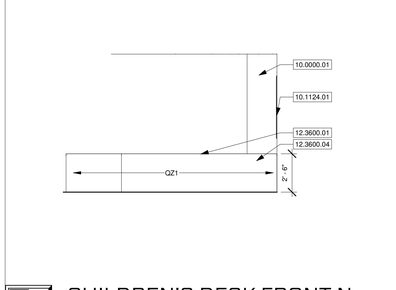
13 COMPUTER STATION BACK

SCALE 1/2" = 1'-0"



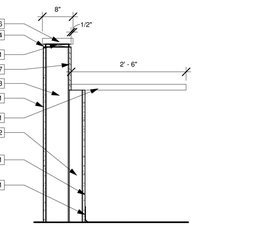
CHILDREN'S AREA - READING HOUSE

SCALE 1/4" = 1'-0"



3 CHILDREN'S DESK FRONT N

SCALE 1/4" = 1'-0"



20 CIRCULATION DESK SECTION 1

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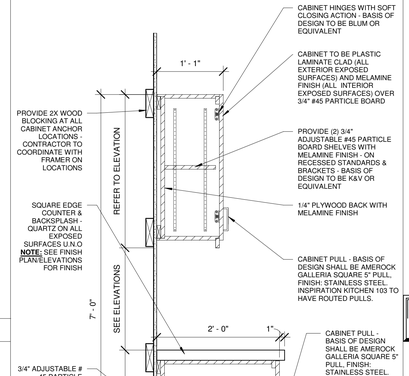
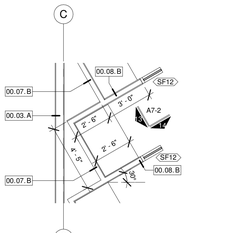


15 TYP. CASEWORK DETAIL

SCALE 1" = 1'-0"



12 COMPUTER STATION

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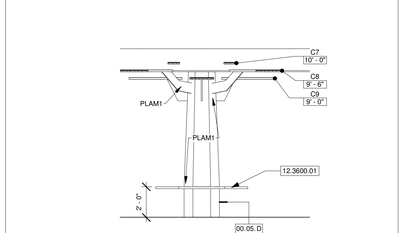
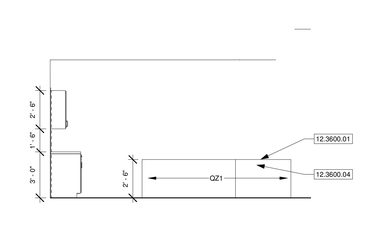


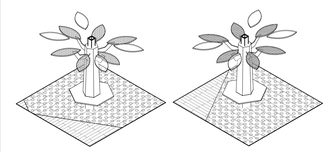
CHILDREN'S AREA - TREE COLUMN

SCALE 1/4" = 1'-0"



2 CHILDREN'S DESK FRONT E

SCALE 1/4" = 1'-0"



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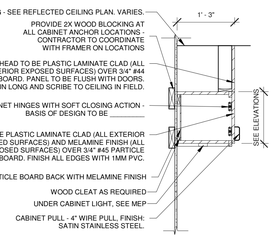
7A CHILDREN'S AREA TREE 3D

SCALE 1/4" = 1'-0"



19 UPPER CABINET

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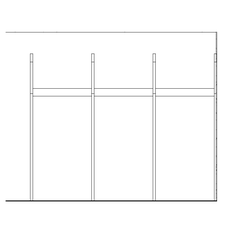

11 CHILDREN'S AREA - READING HOUSE EAST

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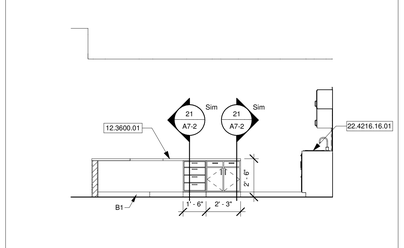
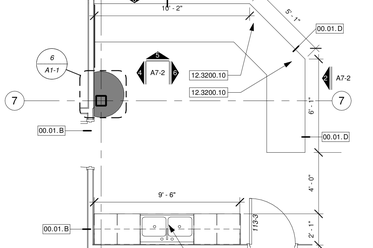


6 CHILREN'S EAST

SCALE 1/4" = 1'-0"



1 CHILDREN'S CIRCUATION DESK

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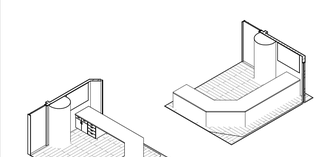

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1A CHILDREN'S DESK 3D

SCALE 1/4" = 1'-0"

STATE OF MISSOURI
JARED A. YOUNGLOVE
NUMBER A-2017015282
ARCHITECT
6/11/21
JARED A. YOUNGLOVE, ARCHITECT
MO #: A-2017015282

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PH: 417.885.0002
www.paragonarchitecture.com
MISSOURI STATE CERTIFICATE OF AUTHORITY NUMBER A-2016004515

REVISION SCHEDULE

PROJECT DESCRIPTION:

MONETT LIBRARY BRANCH 19-556

2200 PARK STREET, MONETT, MO, 65708

SHEET NUMBER:

A7-2

ENLARGED PLANS AND INTERIOR ELEVATIONS

PROJECT NUMBER: 19-556

DATE: 06/11/21

PROJECT ARCHITECT: JAY
DRAWN BY: TRW, KAS
CHECKED BY: JAY, TLV

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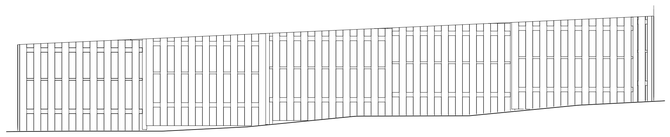
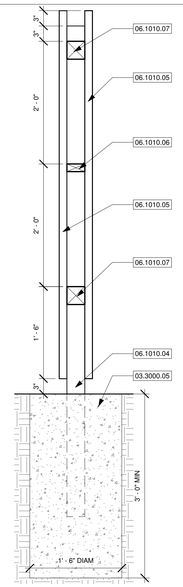


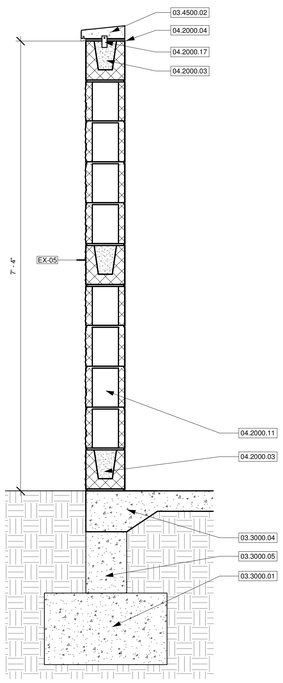
11 MECHANICAL ENCLOSURE 2 EAST

SCALE 1/4" = 1'-0"



13 MECH. ENCLOSURE SECTION

SCALE 1" = 1'-0"



12 DUMPSTER ENCLOSURE SECTION

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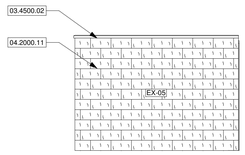

10 DUMPSTER ENCLOSURE ELEV.

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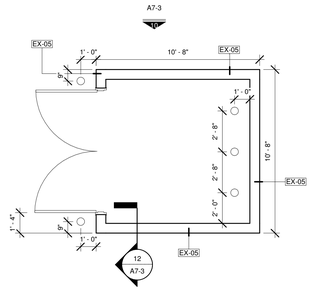
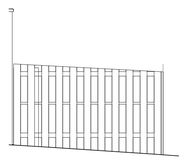


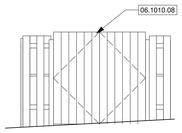
9 DUMPSTER ENCLOSURE

SCALE 1/4" = 1'-0"



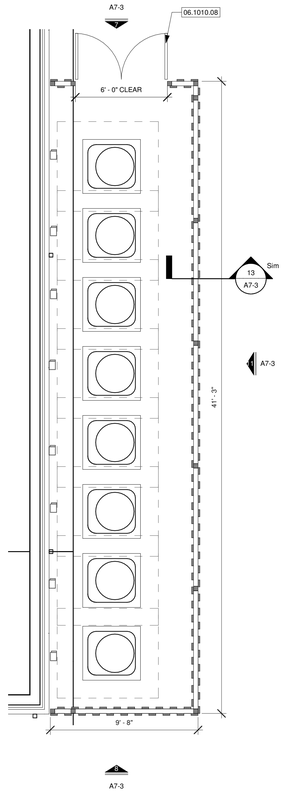
8 MECHANICAL ENCLOSURE 2 S

SCALE 1/4" = 1'-0"



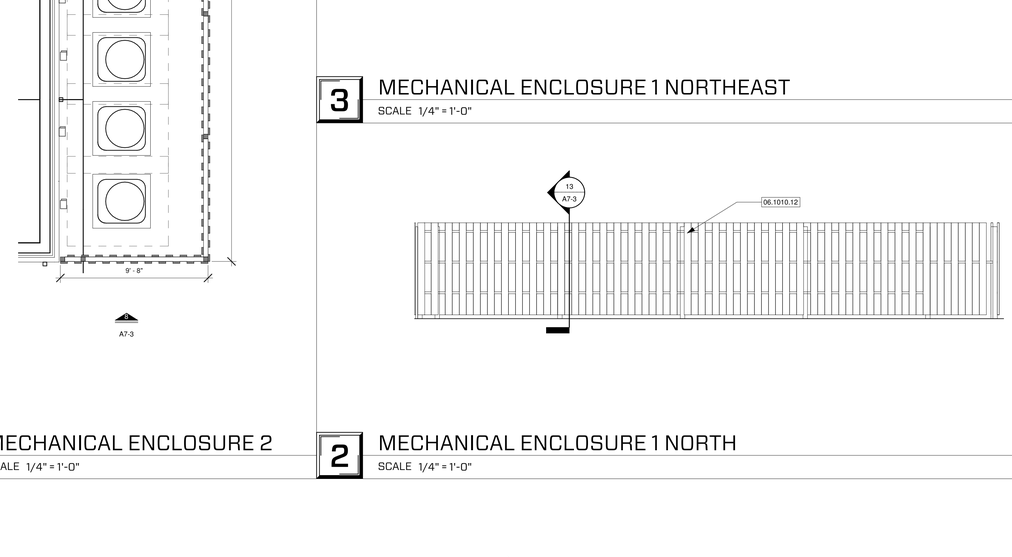
7 MECHANICAL ENCLOSURE 2 N

SCALE 1/4" = 1'-0"



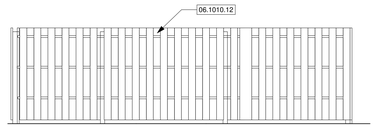
6 MECHANICAL ENCLOSURE 2

SCALE 1/4" = 1'-0"



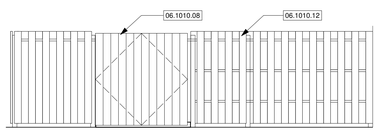
1 MECHANICAL ENCLOSURE 1 ENLARGED PLAN

SCALE 1/4" = 1'-0"



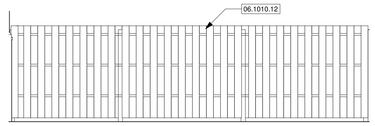
5 MECHANICAL ENCLOSURE 1 W

SCALE 1/4" = 1'-0"



4 MECHANICAL ENCLOSURE 1 S

SCALE 1/4" = 1'-0"



3 MECHANICAL ENCLOSURE 1 NORTHEAST

SCALE 1/4" = 1'-0"

2 MECHANICAL ENCLOSURE 1 NORTH

SCALE 1/4" = 1'-0"

KEYNOTE LEGEND

DIVISION	DESCRIPTION
03.3000.01	CAST IN PLACE CONCRETE FOOTING - SEE STRUCTURAL
03.3000.04	REINFORCED CONCRETE SLAB SEE STRUCTURAL
03.3000.05	CAST IN PLACE CONCRETE FOUNDATION WALL - SEE STRUCTURAL
03.4500.02	PRECAST ARCHITECTURAL CAP WITH DRIP EDGE AND SLOPED TOP
04.2000.03	BOND BEAM - SEE STRUCTURAL
04.2000.04	METAL FLASHING, PROVIDE 1/4" HEMMED DRIP EDGE.
04.2000.11	8"X8"X16" SPLIT FACE CMU BLOCK. SEE STRUCTURAL.
04.2000.17	MASONRY ANCHOR WITH DOWEL AT EACH JOINT
06.1010.04	4X4 FENCE POST. POSTS TO BE SPACES 8' O.C. AND WHERE REQUIRED. COORDINATE LOCATION OF POST FOOTINGS WITH UNDERGROUND UTILITIES.
06.1010.05	2X6 FENCE PICKETS. ALTERNATE SIDE OF FENCE WITH MINIMUM 1/2" OVERLAP. ATTACH WITH 2 MOUNTING SCREWS AT EACH CROSS BRACING.
06.1010.06	2X4 CROSS BRACING
06.1010.07	4X4 CROSS BRACING
06.1010.08	WOOD FENCE GATE ON A MINIMUM OF 3 HINGES. ONE CANE BOLT PER OPERABLE PANEL, AND CABLE CROSS-BRACING FOR EACH GATE PANEL.
06.1010.12	MECHANICAL ENCLOSURE FENCING

STATE OF MISSOURI
JARED A YOUNGLOVE
NUMBER A-2017015052
ARCHITECT
6/11/21

JARED A. YOUNGLOVE, ARCHITECT
MO #: A-2017015052

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MISSOURI STATE CERTIFICATE OF AUTHORITY NUMBER A-2016000415

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REVISION SCHEDULE

SHEET NUMBER: A7-3

PROJECT DESCRIPTION:

MONETT LIBRARY BRANCH 19-556

ENLARGED PLANS AND INTERIOR ELEVATIONS

2200 PARK STREET, MONETT, MO, 65708

PROJECT NUMBER: 19-556

DATE: 06/11/21

PROJECT ARCHITECT: JAY
DRAWN BY: TRW, DRW2
CHECKED BY: JAY, TCV

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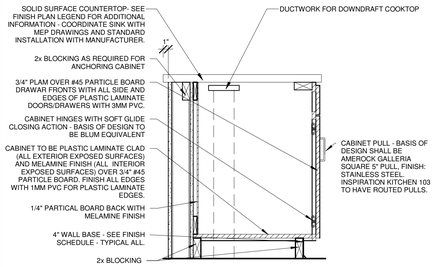
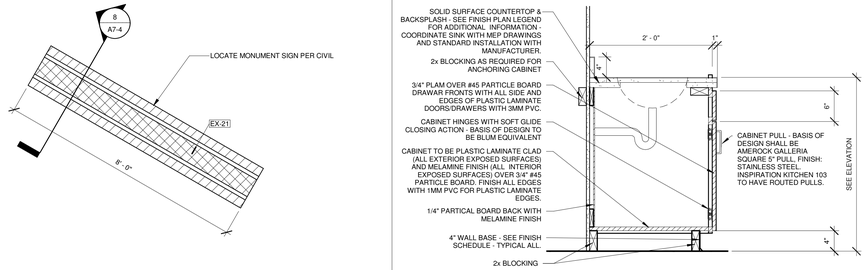


4 DOWNDRAFT STOVE CASEWORK

SCALE 1" = 1'-0"



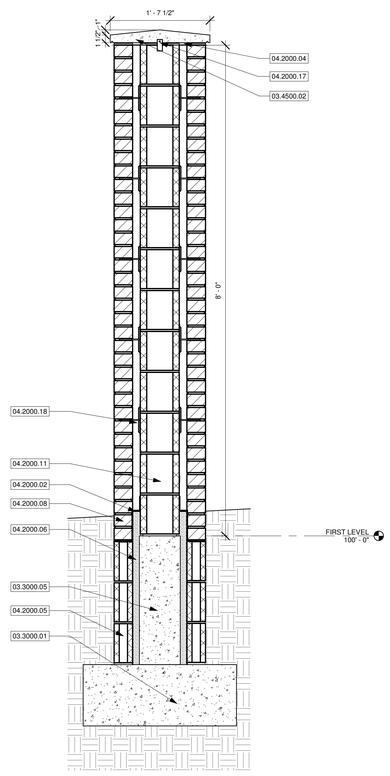
3 KITCHEN SINK CASEWORK

SCALE 1" = 1'-0"



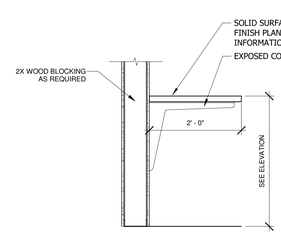
7 MONUMENT SIGN ENLARGED PLAN

SCALE 1/2" = 1'-0"



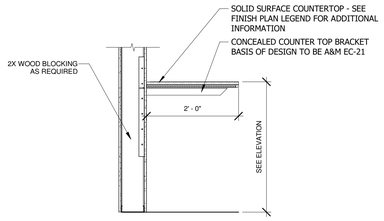
8 MONUMENT WALL SECTION

SCALE 1" = 1'-0"



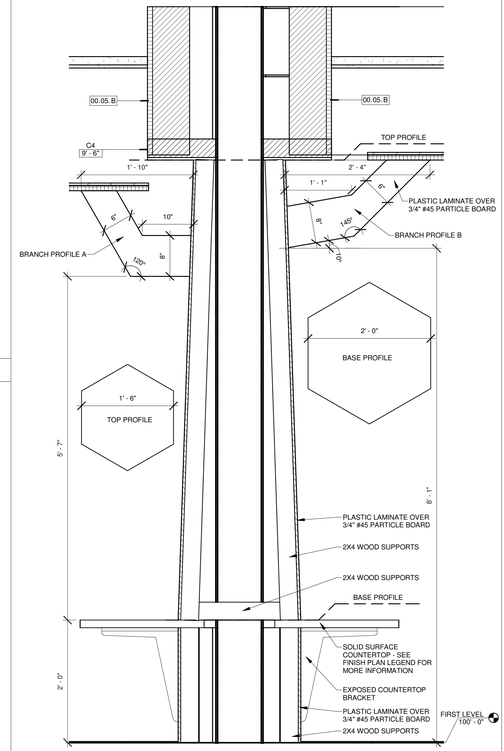
6 EXPOSED MOUNTED COUNTERTOP

SCALE 3/4" = 1'-0"



5 CONCEALED BRACKET COUNTERTOP

SCALE 3/4" = 1'-0"



1 CHILDREN'S AREA TREE SECTION

SCALE 1" = 1'-0"

KEYNOTE LEGEND

DIVISION	DESCRIPTION
03.3000.01	CAST IN PLACE CONCRETE FOOTING - SEE STRUCTURAL
03.3000.05	CAST IN PLACE CONCRETE FOUNDATION WALL - SEE STRUCTURAL
03.4500.02	PRECAST ARCHITECTURAL CAP WITH DRIP EDGE AND SLOPED TOP
04.2000.02	TOTALFLASH BY MORTARNET. LAP WEATHER BARRIER OVER TERMINATION BAR
04.2000.04	METAL FLASHING. PROVIDE 1/4" HEMMED DRIP EDGE.
04.2000.05	4" STANDARD CMU BLOCK BELOW GRADE. GROUT SOLID
04.2000.06	GROUT FILLED CAVITY BELOW GRADE, TYP.
04.2000.08	BRICK TYPE 1 FULL RUNNING BOND. REFER TO A3 SERIES SHEETS FOR LOCATIONS. REFER TO A5 SERIES SHEETS FOR ADDITIONAL ASSEMBLY INFORMATION.
04.2000.11	8"X8"X16" SPLIT FACE CMU BLOCK. SEE STRUCTURAL.
04.2000.17	MASONRY ANCHOR WITH DOWEL AT EACH JOINT
04.2000.18	TRIANGULAR MASONRY ANCHORS. EVERY 24" O.C.

STATE OF MISSOURI
JARED A YOUNGLOVE
NUMBER A-2017015092
ARCHITECT
6/11/21

JARED A. YOUNGLOVE, ARCHITECT
MO #: A-2017015092

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MISSOURI STATE CERTIFICATE OF AUTHORITY NUMBER A-2016000415

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REVISION SCHEDULE

PROJECT DESCRIPTION:

MONETT LIBRARY BRANCH 19-556

ENLARGED PLANS AND INTERIOR ELEVATIONS

SHEET NUMBER: **A7-4**

PROJECT NUMBER: 19-556

DATE: 06/11/21

2200 PARK STREET, MONETT, MO. 65708

PROJECT ARCHITECT: JAY
DRAWN BY: TRW
CHECKED BY: JAY, R.V.

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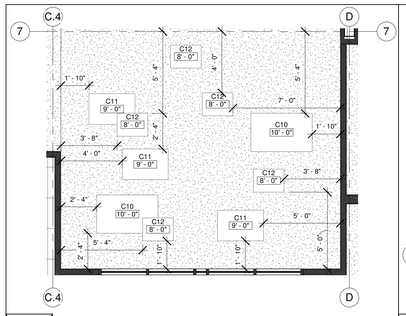
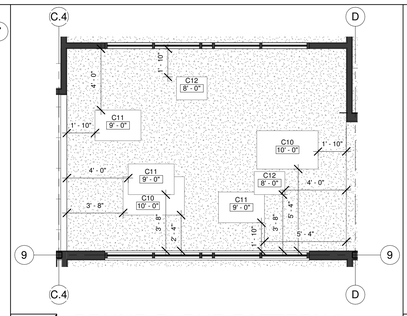


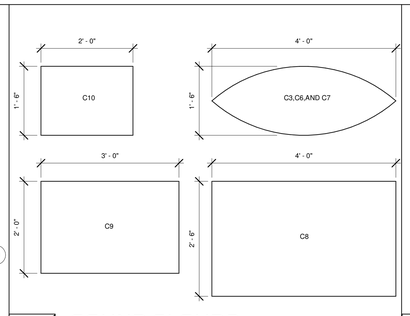
6 SOUND CLOUD PATTERN 2

SCALE 1/4" = 1'-0"



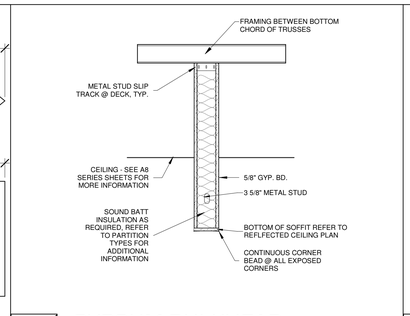
5 SOUND CLOUD PATTERN 1

SCALE 1/4" = 1'-0"



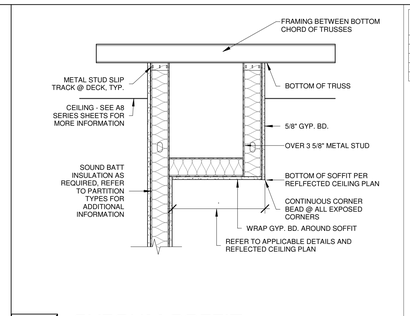
4 SOUND CLOUDS

SCALE 3/4" = 1'-0"



3 GYPSUM BULKHEAD

SCALE 1" = 1'-0"

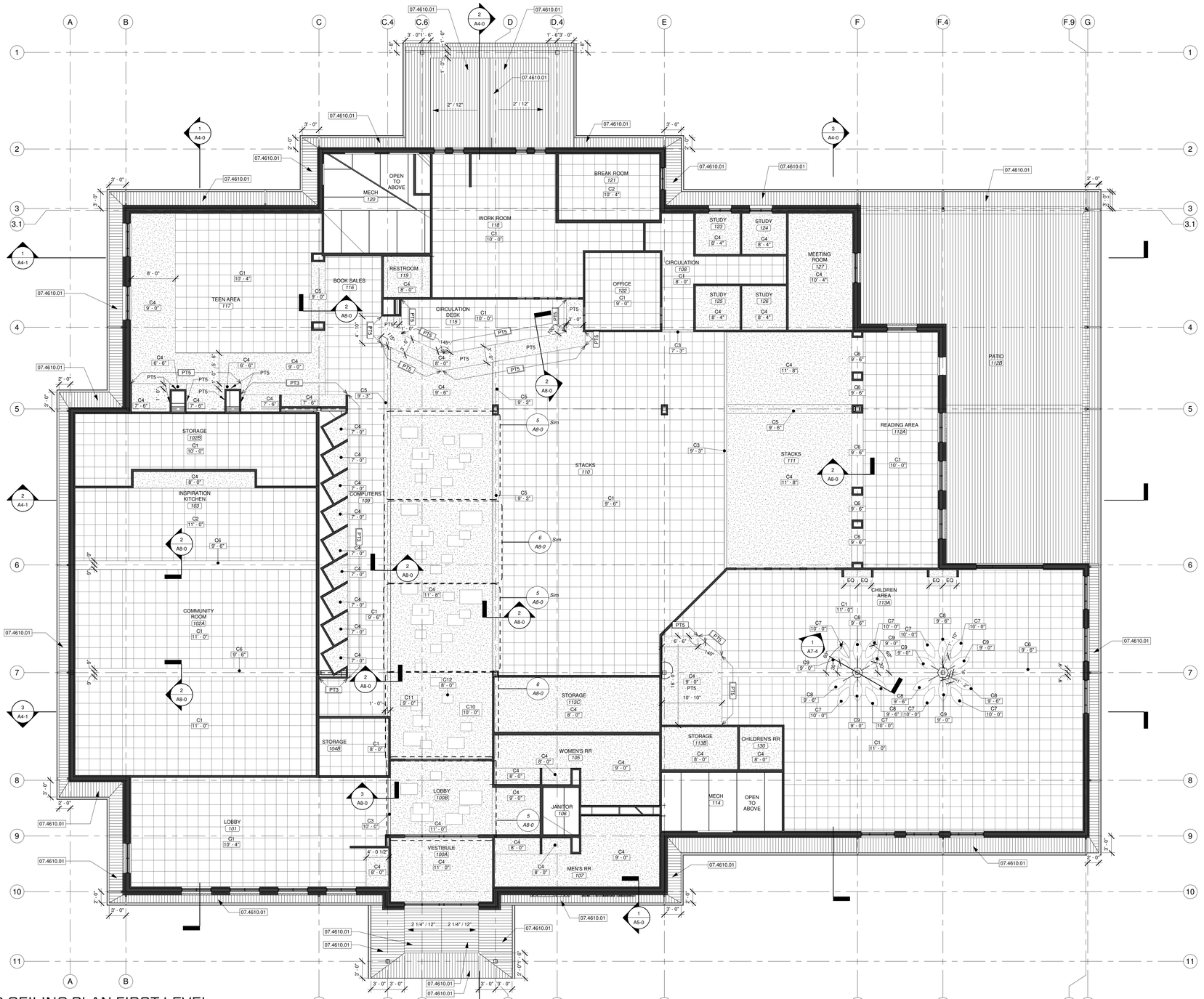


2 GYPSUM SOFFIT

SCALE 1" = 1'-0"

KEYNOTE LEGEND

07.4610.01	VENTED ALUMINUM SOFFIT PANEL
23.3713.00	DIFFUSERS, REGISTERS, AND GRILLES, SEE MEP
26.0000.00	ELECTRICAL, SEE MEP
26.5100.00	INTERIOR LIGHTING, SEE MEP
26.5600.00	EXTERIOR LIGHTING, SEE MEP



1 REFLECTED CEILING PLAN FIRST LEVEL

SCALE 1/8" = 1'-0"

CEILING SCHEDULE

TYPE	DESCRIPTION
C1	2X2 ACOUSTICAL CEILING TILE - TYPE 1
C2	2X2 TYPE 2 VINYL FACED ACOUSTICAL CEILING TILE - TYPE 2
C3	GYPSUM BULKHEAD, SEE TYPICAL DETAIL FOR MORE INFORMATION.
C4	GYPSUM SOFFIT. SEE TYPICAL DETAIL FOR MORE INFORMATION.
C5	GYPSUM CEILING BOARD ON 3-5/8" METAL STUD FRAMING AT 16 INCHES ON CENTER.
C6	PLAM SOFFIT ON METAL STUD FRAMING. REFER TO TYPICAL SOFFIT DETAILS FOR MORE INFORMATION.
C7	1" FOAM ON 1/2" PLYWOOD WRAPPED IN FINISH FABRIC. FINISH TO BE SC1.
C8	1" FOAM ON 1/2" PLYWOOD WRAPPED IN FINISH FABRIC. FINISH TO BE SC2.
C9	1" FOAM ON 1/2" PLYWOOD WRAPPED IN FINISH FABRIC. FINISH TO BE SC3.
C10	1" FOAM ON 1/2" PLYWOOD WRAPPED IN FINISH FABRIC. FINISH TO BE SC4.
C11	1" FOAM ON 1/2" PLYWOOD WRAPPED IN FINISH FABRIC. FINISH TO BE SC5.
C12	1" FOAM ON 1/2" PLYWOOD WRAPPED IN FINISH FABRIC. FINISH TO BE SC6.

REFLECTED CEILING PLAN LEGEND

C1 — CEILING TYPE

9' - 0" — HEIGHT OF CEILING A.F.F.

RCP GENERAL NOTES

1. ALL EXPOSED GYPSUM BOARD SOFFITS TO BE PAINTED.
2. CEILING HEIGHTS NOTED FROM FINISH FLOOR 100'-0" UNLESS NOTED OTHERWISE.
3. COORDINATE REFLECTED CEILING PLAN WITH LIGHTING AND MECHANICAL PLANS FOR LIGHT FIXTURE AND DIFFUSER PLACEMENT. CONTACT ARCHITECT IF DISCREPANCIES OCCUR.
4. LIGHTING AND EXPOSED MECHANICAL EQUIPMENT SHOWN FOR REFERENCE ONLY. REFER TO MPE SERIES SHEETS FOR ADDITIONAL INFORMATION.
5. REFER TO GENERAL NOTES ON FLOOR PLAN SHEET FOR TYPICAL GENERAL NOTES WHICH APPLY HEREIN.
6. PROVIDE APPROPRIATE FINISH AND/OR TRIM AT ALL PENETRATIONS IN WALL/DECK AT EXPOSED FINISH CEILING LOCATIONS. CONTRACTOR SHALL PROVIDE SEALANT AND BACKER ROD AT ALL MINOR GAPS AT EXPOSED PENETRATIONS. AT LARGE GAP OR ROUGH CUT PENETRATIONS CONTRACTOR SHALL PROVIDE SHEET METAL TRIM NECESSARY FOR A FINISHED APPEARANCE. PAINT TRIM AND SEALANTS TO MATCH WALL/CEILING, TYP.

NORTH

STATE OF MISSOURI
JARED A. YOUNGLOVE
NUMBER A-2017019282
ARCHITECT
6/11/21
JARED A. YOUNGLOVE, ARCHITECT
MO #: A-2017019282

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www.paragonarchitecture.com
MISSOURI STATE CERTIFICATE OF AUTHORITY NUMBER A-2016004515

REVISION SCHEDULE

PROJECT DESCRIPTION:

SHEET NUMBER: **A8-0**

MONETT LIBRARY BRANCH 19-556

REFLECTED CEILING PLAN

PROJECT NUMBER: 19-556

200 PARK STREET, MONETT, MO. 65708

DATE: 06/11/21

PROJECT ARCHITECT: JAY
DRAWN BY: TRW
CHECKED BY: JAY, P.L.Y.

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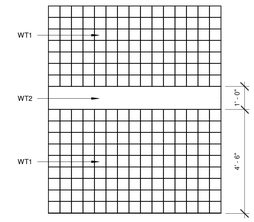
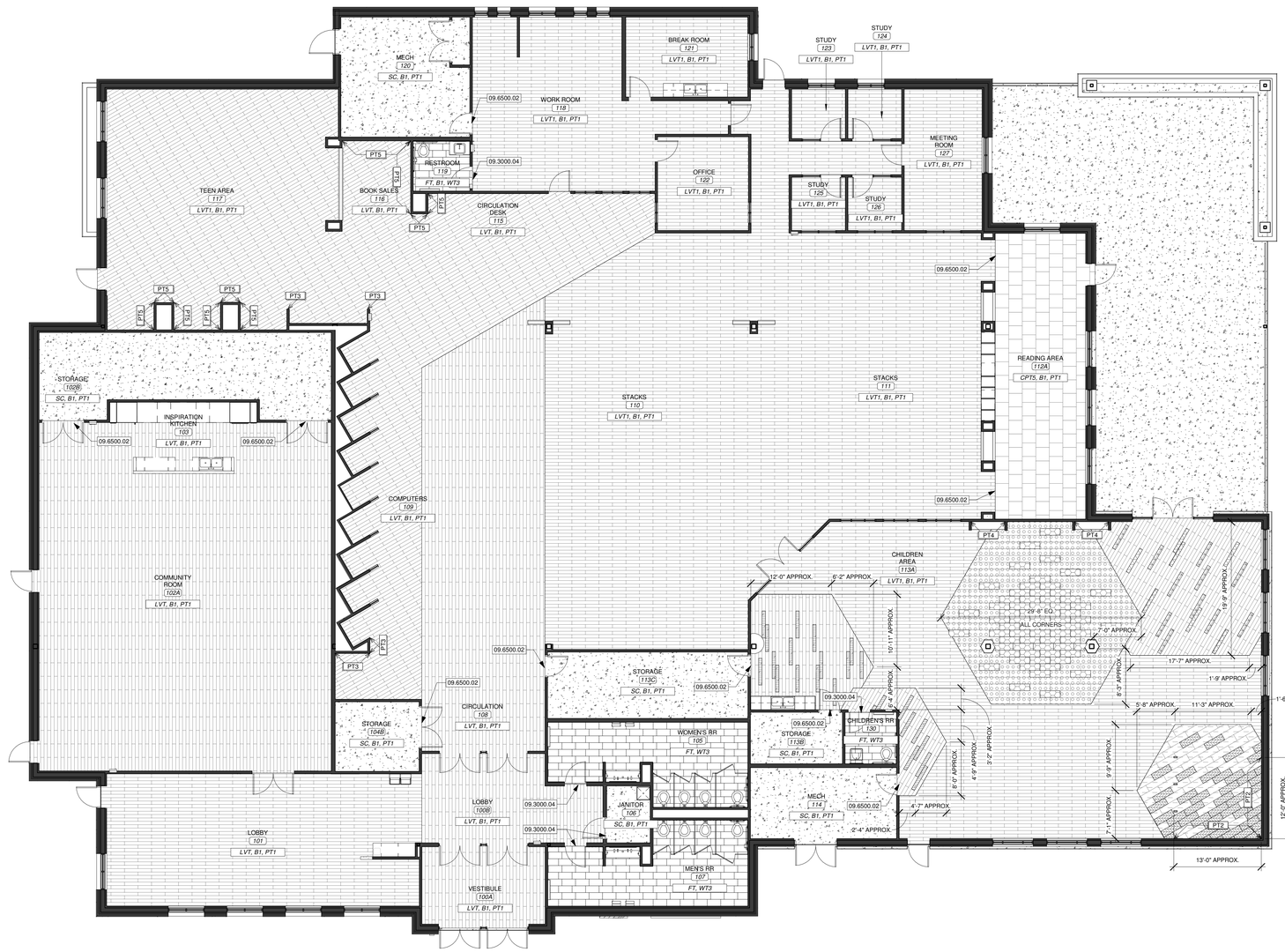


2 TYPICAL WALL TILE ELEVATION - WT3

SCALE 3/8" = 1'-0"



1 FINISH PLAN FIRST LEVEL

SCALE 1/8" = 1'-0"

NORTH

SC, B1, PT1
FIELD FLOOR FINISH — FIELD PAINT FINISH / BASE FINISH

KEYNOTE LEGEND

09.3000.04	METAL FLOOR TRANSITION STRIP. SEE FINISH PLAN LEGEND FOR ADDITIONAL INFORMATION.
09.6500.02	RESILIENT VINYL TRANSITION STRIP IN A COLOR MATCHING WALL BASE COLOR UNLESS NOTED OTHERWISE.

FINISH PLAN LEGEND

LVT1: LUXURY VINYL TILE
MANUF: J&J FLOORING GROUP, PRODUCT: SOUNDSCAPE, COLOR: FEATHER, SIZE: 6"X48", PATTERN: HALF-LAP

LVT2: LUXURY VINYL TILE
MANUF: J&J FLOORING GROUP, PRODUCT: MAKE YOUR MARK, COLOR: SAPPHIRE, SIZE: 9"X48", PATTERN: HALF-LAP

LVT3: LUXURY VINYL TILE
MANUF: SHAW CONTRACT, PRODUCT: MAKE YOUR MARK, COLOR: LIME, SIZE: 9"X48", PATTERN: HALF-LAP

CPT1: CARPET TILE
MANUF: MOHAWK GROUP, PRODUCT: LICHEN, PATTERN: MICRO BLOOM, COLOR: 956 ICED MOSS, SIZE: 12"X36", PATTERN: HALF LAP

CPT2: CARPET TILE
MANUF: MOHAWK GROUP, PRODUCT: LICHEN, PATTERN: MACRO BLOOM, COLOR: 956 ICED MOSS, SIZE: 12"X36", PATTERN: HALF LAP

CPT3: CARPET TILE
MANUF: MOHAWK GROUP, PRODUCT: LICHEN, PATTERN: MICRO BLOOM, COLOR: 945 SILVA, SIZE: 12"X36", PATTERN: HALF LAP

CPT4: CARPET TILE
MANUF: MOHAWK GROUP, PRODUCT: LICHEN, PATTERN: MACRO BLOOM, COLOR: 945 SILVA, SIZE: 12"X36", PATTERN: HALF LAP

CPT5: CARPET TILE
MANUF: ALADDIN COMMERCIAL, PRODUCT: TRANSLATION COLLECTION, PATTERN: TRANSFORMING SPACES, COLOR: DESIGNING POINT 589, SIZE: 24"X24", PATTERN: ASHLAR

SC: SEALED CONCRETE

FT1: TILE
MANUF: DALTILE, PRODUCT: AMBASSADOR, COLOR: WANDERLUST WHITE, SIZE: 12" X 24", PATTERN: ASHLAR
NOTE: PROVIDE TRANSITION STRIP AT ALL TILE/LVT FLOORING TRANSITIONS, BASIS-OF-DESIGN: SCHLUTER SCHIENE-10-AE.
NOTE: PROVIDE METAL COVE PROFILE TRIM WHEREVER WALL TILE MEETS FLOOR TILE, BASIS-OF-DESIGN: SCHLUTER AHK-1S-100-AE.

GROUT: BOSTIK HYDROMENT VIVID GROUT, COLOR: STORM

WALL BASE

B1: 4" RESILIENT WALL BASE. BASIS-OF-DESIGN TO BE JOHNSONITE TRADITIONAL WALL BASE. COLOR: SILVER GREY.

PAINT

PT1 THROUGH 6: PAINT COLORS, BASIS-OF-DESIGN TO BE SHERWIN-WILLIAMS EGGSHELL U.NO.

PT1: FIELD COLOR: WHITETAIL SW7103
PT2: ACCENT COLOR: LIME GRANITA SW6715
PT3: ACCENT COLOR: DORIAN GRAY SW7017
PT4: ACCENT COLOR: SUNSET SW6626
PT5: ACCENT COLOR: SECRET COVE SW9058
PT6: HOLLOW METAL DOOR & FRAME, SEMI-GLOSS: DORIAN GRAY SW7017

PLASTIC LAMINATE

PLAM1: BASIS-OF-DESIGN: WILSONART, COLOR: VERANDA TEAK 8209K-28, LOCATION: VERTICAL SURFACES.

OTHER

WT1: WALL TILE. BASIS-OF-DESIGN: DALTILE, PRODUCT: CONFECTIONERY, COLOR: BIRTHDAY CAKE, SIZE: 6" X 6", PATTERN: STACKED.

WT2: WALL TILE. BASIS-OF-DESIGN: INTERCERAMIC, PRODUCT: BRILLIANCE-DECORATIVE GLASS WALL TILE, LINEAR MATTE & CLEAR MOSAIC, COLOR: TEAL, SIZE: 11-3/4" X 11-3/4" SHEET.

WT3: WALL TILE. COMBINATION OF WT1 AND WT2. SEE DRAWIN 2/A9-0 FOR ADDITIONAL INFORMATION.

GROUT: BOSTIK HYDROMENT VIVID GROUT, COLOR: STORM

WOOD DOORS:
BASIS OF DESIGN: MANUF: VT INDUSTRIES, ARCHITECTURAL WOOD DOORS, SPECIES: WHITE BIRCH, COLOR: CUSTOM MATCH PLAM1, FINAL SELECTION SHALL BE APPROVED BY ARCHITECT.

QZ1: QUARTZ COUNTERTOPS. BASIS-OF-DESIGN: DALTILE, PRODUCT: ONE QUARTZ, COLOR: SIMPLY WHITE,THICKNESS: 3 CM.

CORNER GUARDS:
BASIS OF DESIGN - INPRO STAINLESS STEEL CORNER GUARDS, 8'-0" HEIGHT

SOUND CLOUDS

SC1: FABRIC: BASIS-OF-DESIGN TO BE DESIGNTEX, PATTERN: EVERYWHERE TEXTURE, COLOR: MOSS 4147-503.

SC2: FABRIC: BASIS-OF-DESIGN TO BE DESIGNTEX, PATTERN: EVERYWHERE TEXTURE, COLOR: LICHEN 4147-502.

SC3: FABRIC: BASIS-OF-DESIGN TO BE DESIGNTEX, PATTERN: EVERYWHERE TEXTURE, COLOR: CHARTREUSE 4147-506.

SC4: FABRIC: BASIS-OF-DESIGN TO BE DESIGNTEX, PATTERN: EVERYWHERE TEXTURE, COLOR: DENIM 4147-406.

SC5: FABRIC: BASIS-OF-DESIGN TO BE DESIGNTEX, PATTERN: EVERYWHERE TEXTURE, COLOR: LEMON 4147-501.

SC6: FABRIC: BASIS-OF-DESIGN TO BE DESIGNTEX, PATTERN: EVERYWHERE TEXTURE, COLOR: CREAM 4147-101.

GENERAL NOTES

1. REVIEW AND RECEIVE WRITTEN APPROVAL FOR ALL GRAPHICS WITH ARCHITECT AND OWNER OF WALL COVERINGS AND VINYL FILM BEFORE ORDERING.
2. REFERE TO REFLECTED CEILING PLAN FOR ADDITIONAL FINISH INFORMATION.
3. FIELD FLOOR FINISH NOTATED WITHIN FINISH TAG. ACCENT FLOOR FINISHES ARE SHOWN WITH A HATCH PATTERN ON FINISH PLANS WHERE APPLICABLE.
4. PROVIDE CONTINUOUS TRIM AT OUTSIDE TILE WALL CORNERS, BASIS-OF-DESIGN: SCHLUTER SHIENE-10-AE.
5. FINISH FLOORS ARE TO BE INSTALLED UNDERNEATH ALL CASEWORK AND PARTITION WALLS SOLEY SUPPORTING COUNTERTOPS.

STATE OF MISSOURI
JARED A. YOUNGLOVE
NUMBER A-2017019282
ARCHITECT
6/11/21

JARED A. YOUNGLOVE, ARCHITECT
MO #: A-2017019282

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MISSOURI STATE CERTIFICATE OF AUTHORITY NUMBER A-2016000415

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REVISION SCHEDULE

PROJECT DESCRIPTION:
MONETT LIBRARY BRANCH 19-556
2200 PARK STREET, MONETT, MO, 65708

PROJECT ARCHITECT: JAY
DRAWN BY: TRW, KAS
CHECKED BY: JAY, CLV

SHEET NUMBER:
A9-0
FINISH PLAN

PROJECT NUMBER:
19-556

DATE:
06/11/21

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SCHEDULE OF MANUFACTURERS

DIVISION 21 FIRE PROTECTION SPRINKLER SYSTEM

211310 FIRE SUPPRESSION SPRINKLER SYSTEMS

SPRINKLER HEADS AND LISTED COMPONENTS

1. RELIABLE
2. TYCO
3. VICTAULIC
4. VIKING

FLEXIBLE HOSE FITTINGS

1. FIVALCO
2. FLEXHEAD
3. GATEWAY TUBING

DIVISION 22 - PLUMBING

220519 METERS AND GAUGES

1. ASHCROFT
2. MARSH
3. MUELLER
4. WATTS
5. WEISS

220523 VALVES FOR PLUMBING PIPING

BALL, BUTTERFLY, GATE AND GLOBE VALVE

1. CENTERLINE
2. CRANE
3. HAMMOND
4. KENNEDY
5. KEYSTONE
6. NIBCO
7. POWELL
8. VICTAULIC
9. WATTS

BALANCE AND FLOW CONTROL VALVES

1. BELL AND GOSSETT
2. FLOW DESIGN
3. FLOWSET
4. HAYS
5. ILLINOIS
6. PAGENT
7. SIEMENS
8. TACO
9. THRUSH

SWING AND CHECK VALVES

1. CRANE
2. HAMMOND
3. MILWAUKEE
4. WATTS

220529 HANGERS SUPPORTS AND VIBRATION ISOLATION FOR PLUMBING PIPING AND EQUIPMENT

HANGERS AND SUPPORTS

1. ANVIL
2. B-LINE SYSTEMS
3. GRINNELL
4. TOLCO
5. UNISTRUT

ROOF EQUIPMENT RAILS

1. PATE
2. HRANEC

PIPE STANDS

1. ERICO
2. MIRO INDUSTRIES
3. MICHIGAN HANGER CO

VIBRATION ISOLATORS

1. AMBER BOOTH
2. ANVIL
3. KINETICS NOISE CONTROL
4. KORFUND
5. MASON INDUSTRIES
6. TOLCO
7. VIBRATION ELIMINATOR.

220553 IDENTIFICATION FOR PLUMBING PIPING AND EQUIPMENT

1. ALLEN SYSTEMS
2. BRADY CO
3. INDUSTRIAL SAFETY SUPPLY CO
4. SETON NAME PLATE CORP

220700 PLUMBING INSULATION

1. ARMACELL
2. JOHNS MANSVILLE
3. OWENS CORNING

221100 FACILITY PIPING AND SPECIALTIES

PIPING

COPPER

1. CERRO
2. CHASE
3. MUELLER
4. REVERE COPPER

STEEL PIPING

1. ARMCO
2. UNITES STATES STEEL
3. YOUNGSTOWN

PLASTIC PIPING

1. CABOT
2. CHARLOTTE
3. CHEMTROL
4. TYLER
5. PIPELIFE

CAST IRON

1. AB & I FOUNDARY
2. CHARLOTTE PIPE
3. TYLER

FITTINGS

COPPER

1. CHASE
2. NIBCO

STEEL FLANGE

1. GRINNELL
2. MIDWEST

STEEL WELDING

1. BONNEY
2. FORGE

CAST BRONZE

1. CHASE
2. NIBCO

PLASTIC

1. CABOT
2. CHARLOTTE
3. CHEMTROL
4. PIPELIFE
5. TYLER

CAST IRON DWV

1. AB & I FOUNDARY
2. CHARLOTTE
3. TYLER

221100 FACILITY PIPING AND SPECIALTIES

TRANSITION FITTINGS

1. CHARLOTTE PIPE
2. IPEX
3. KBI
4. NIBCO

DIELECTRIC FITTINGS

1. CALIPCO
2. CAPITOL MANUFACTURING
3. CENTRAL PLASTICS
4. HART INDUSTRIES
5. LOCHINVAR
6. PERFECTION
7. PIPELINE SEAL AND INSULATOR
8. SIOUX CHIEF
9. WATTS VICTAULIC
10. ZURN

EXPANSION TANK

1. AMTROL
2. ARMSTRONG
3. BELL AND GOSSETT
4. TACO

EXPANSION JOINTS

1. FLEX HOSE CO
2. FLEXICRAFT
3. FLEX PRESSION
4. METRAFLEX
5. UNISOURCE

ALIGNMENT GUIDES AND ANCHORS

1. FLEX HOSE CO
2. FLEXICRAFT INDUSTRIES
3. METRAFLEX

GAS METERS

1. ACTERIS
2. AMERICAN METER COMPANY
3. SCHLUMBERGER
4. ROOTS

GAS PRESSURE REGULATORS

1. AMERICAN METER COMPANY
2. FISHER
3. ITRON
4. MAXITROL
5. SENSUS

DWV SPECIALTIES

1. JAY R SMITH
2. JOSAM
3. TYLER PIPE
4. WATTS
5. ZURN

INTERCEPTORS

1. GREEN TURTLE
2. HIGHLAND TANK
3. JAY R SMITH
4. JOSAM
5. MIFAB MFG
6. SHIER
7. STRIEM

VACUUM BREAKERS

1. ARMSTRONG
2. SPIRAX SARCO
3. HOFFMAN

BACKFLOW PREVENTERS AND STRAINERS

1. CLA-VAL CO
2. CONBRACO
3. FEBCO
4. WATTS
5. ZURN

THERMOSTATIC MIXING VALVES

1. BRADLEY
2. HAWS
3. LAWLER MANUFACTURING
4. LEONARD VALVE CO
5. POWERS PROCESS
6. SYMMONS INDUSTRIES

TRAP PRIMERS

1. MIFAB
2. JAY R SMITH
3. PRECISION PLUMBING PRODUCTS
4. PPP INC
5. PROFLO
6. SIOUX CHIEF
7. WATTS

TRAP GUARDS

1. MIFAB
2. PROSET SYSTEMS
3. SURE SEAL

HOSE BIBBS AND WALL HYDRANTS

1. CHICAGO FAUCET
2. ELJER
3. JAY R SMITH
4. JOSAM
5. T & S BRASS & BRONZE WORKS
6. TYLER CORP
7. WOODFORD
8. WADE

SHOCK ABSORBER

1. AMTROL
2. JAY R SMITH
3. JOSAM
4. MIFAB
5. SIOUX CHIEF MANUFACTURING CO
6. TYLER
7. WATTS
8. ZURN

VALVE BOXES

1. CLAY AND BAILEY
2. CONSTRUCTION CASTINGS
3. HUBBELL
4. NEENAH FOUNDARY
5. QUAZITE
6. WATTTS WATER TECHNOLOGIES

221123 PUMPS

DOMESTIC WATER

1. ARMSTRONG
2. AURORA
3. BELL AND GOSSETT
4. GOULD
5. GRUNDFOS
6. PEERLESS
7. TACO
8. WEIL

WASTE WATER

1. BELL AND GOSSETT
2. GOULD
3. LIBERTY
4. STANCOR
5. WEIL
6. ZOELLER

223100 DOMESTIC WATER SOFTENER

1. ALMO WATER TREATMENT
2. BELL AND GOSSETT
3. COLUMBIA WATER CONDITIONING
4. CSI WATER TREATMENT SYSTEMS
5. CULLIGAN INTERNATIONAL CO
6. CUNO INCORPORATED
7. DIAMOND WATER SYSTEMS
8. WATER SOFT
9. WATER KING

223400 FUEL FIRED DOMESTIC WATER HEATERS

WATER HEATERS

1. A.O. SMITH
2. BRADFORD WHITE
3. LOCHINVAR
4. STATE INDUSTRIES
5. TAKAGI
6. PVI INDUSTRIES
7. RINNAI

EXPANSION TANKS

1. ARMSTRONG
2. AMTROL
3. BELL AND GOSSETT
4. TACO
5. ELBI

224000 PLUMBING FIXTURES

PLUMBING FIXTURES

1. ACORN
2. AMERICAN STANDARD
3. CRANE
4. ELKAY
5. FIAT
6. GERBER
7. JUST
8. KOHLER
9. STERN WILLIAMS
10. TOTO
11. ZURN

DRINKING FOUNTAINS/WATER COOLERS

1. ELKAY
2. HALSEY TAYLOR
3. HAWS
4. OTIS

WASH FOUNTAINS

1. ACORN
2. BRADLEY

OUTLET/CONNECTION BOXES

1. GUY GRAY
2. SYMMONS
3. OATEY

TOILET SEATS

1. BEMIS
2. BENEKE
3. CHURCH
4. KOHLER
5. OLSONITE
6. SPERZEL

FLUSH VALVES

1. SLOAN
2. TOTO
3. ZURN

FAUCETS

1. ACORN
2. AMERICAN STANDARD
3. BRADLEY
4. SLOAN
5. DELTA
6. MOEN
7. TOTO
8. ZURN

224000 PLUMBING FIXTURES

SHOWER VALVES AND FAUCETS

1. ACORN
2. BRADLEY
3. DELTA
4. KOHLER
5. LAWLER
6. LEANORD
7. MOEN
8. POWERS
9. SPEAKMAN
10. SYMMONS
11. T&S BRASS
12. TOTO

SHOWER HEADS

1. ACORN
2. BRADLET
3. DELTA
4. KOHLER
5. MOEN
6. TOTO
7. ZURN

STOP VALVES AND SUPPLIES

1. BRASS CRAFT
2. DEARBORN
3. ENGINEERED BRASS
4. MCGUIRE
5. PROFLO
6. WATTS
7. ZURN

P-TRAPS, DRAINS

1. BRASS CRAFT
2. DEARBORN
3. ENGINEERED BRASS
4. MCGUIRE
5. PROFLO
6. WATTS
7. ZURN

SUPPORTS

1. JOSAM
2. JAY R SMITH
3. WADE
4. WATTS
5. ZURN

GARBAGE DISPOSAL

1. GENERAL ELECTRIC
2. HOT POINT
3. IN-SINK-ERATOR
4. JENN AIR
5. KITCHEN AID
6. THERMADOR/WASTE KING

INSULATION KITS

1. BROCAR
2. MCGUIRE
3. PLUMBEREX
4. PROFLO
5. TRAPWRAP
6. TRUEBRO

DIVISION 23 - MECHANICAL

230529 HANGERS SUPPORTS AND VIBRATION ISOLATION FOR PLUMBING PIPING AND EQUIPMENT

HANGERS AND SUPPORTS

1. ANVIL
2. B-LINE SYSTEMS
3. GRINNELL
4. TOLCO
5. UNISTRUT

ROOF EQUIPMENT RAILS

1. PATE
2. HRANEC

PIPE STANDS

1. ERICO
2. MIRO INDUSTRIES
3. MICHIGAN HANGER CO

VIBRATION ISOLATORS

1. AMBER BOOTH
2. ANVIL
3. KINETICS NOISE CONTROL
4. KORFUND
5. MASON INDUSTRIES
6. TOLCO
7. VIBRATION ELIMINATOR.

230553 IDENTIFICATION FOR HVAC PIPING AND EQUIPMENT

1. ALLEN SYSTEMS
2. BRADY CO
3. INDUSTRIAL SAFETY SUPPLY CO
4. SETON NAME PLATE CORP

230700 HVAC DUCT INSULATION

DUCT INSULATION

1. CERTAIN TEED
2. JOHNS MANVILLE
3. KNAUF
4. OWENS CORNING

FIRE RATED BLANKET

1. 3M
2. CERTAIN TEED
3. JOHNS MANSVILLE
4. NELSON FIRESTOP
5. THERMAL CERAMICS
6. UNIFRAX

230701 HVAC PIPING INSULATION

1. ARMACELL
2. ACROFLEX
3. RBX

230901 STAND ALONE CONTROL DEVICES

PROGRAMMABLE THERMOSTAT

1. WHITE ROGERS - EMERSON
2. HONEYWELL
3. SCHNEIDER ELECTRIC
4. TRANE

WEB CONNECTED PROGRAMMABLE THERMOSTAT

1. ECOBEE 4
2. NEST

230903 VARIABLE REFRIGERANT SPLIT SYSTEM CONTROL DEVICES

1. DAIKIN
2. WHITE ROGERS - EMERSON
3. MITSUBISHI
4. LG
5. HONEYWELL
6. TRANE

232113 HVAC PIPING AND SPECIALTIES

PIPING

COPPER

1. CERRO
2. CHASE
3. MUELLER
4. REVERE COPPER

STEEL PIPING

1. ARMCO
2. UNITES STATES STEEL
3. YOUNGSTOWN

PLASTIC PIPING

1. CABOT
2. CHARLOTTE
3. CHEMTROL
4. TYLER
5. PIPELIFE

FITTINGS

COPPER

1. CHASE
2. NIBCO

STEEL FLANGE

1. GRINNELL
2. MIDWEST

STEEL WELDING

1. BONNEY
2. FORGE

CAST BRONZE

1. CHASE
2. NIBCO

PLASTIC

1. CABOT
2. CHARLOTTE
3. CHEMTROL
4. PIPELIFE
5. TYLER

232113 HVAC PIPING AND SPECIALTIES

TRANSITION FITTINGS

1. CHARLOTTE PIPE
2. IPEX
3. KBI
4. NIBCO

DIELECTRIC FITTINGS

1. CALIPCO
2. CAPITOL MANUFACTURING
3. CENTRAL PLASTICS
4. HART INDUSTRIES
5. LOCHINVAR
6. PERFECTION
7. PIPELINE SEAL AND INSULATOR
8. SIOUX CHIEF
9. WATTS VICTAULIC
10. ZURN

EXPANSION JOINTS

1. FLEX HOSE CO
2. FLEXICRAFT
3. FLEX PRESSION
4. METRAFLEX
5. UNISOURCE

ALIGNMENT GUIDES AND ANCHORS

1. FLEX HOSE CO
2. FLEXICRAFT INDUSTRIES
3. METRAFLEX

AIR DUCT ACCESSORIES

DUCT ACCESS PANEL ASSEMBLIES

1. 3M
2. DUCTMATE INDUSTRIES
3. FLAME GUARD

FLEXIBLE CONNECTIONS

1. DUCTMATE INDUSTRIES
2. DURO DYNE
3. VENT FABRICS
4. WARD INDUSTRIES

DAMPERS

1. AIR BALANCE
2. AMERICAN WARMING AND VENTILATING
3. DURO DYNE
4. GREENHECK
5. MCGILL
6. METALAIRE
7. NAILOR
8. POTTORFF
9. RUSKIN
10. SEMCO

DUCT MOUNTED ACCESS DOORS

233300

1. AMERICAN WARMING AND VENTILATING
2. CESCO
3. DUCTMATE
4. FLEXMASTER
5. GREENHECK
6. MCGILL
7. NAILOR
8. POTORFF
9. VENTFABRICS
10. WARD INDUSTRIES

HVAC DUCTWORK

FLEX DUCT

1. ATCO
2. FLEXMASTER
3. MCGILL AIRFLOW
4. WARD INDUSTRIES

TURNING VANES

1. AERO DYNE
2. DUCT DYNE
3. DUCT MATE

PREFABRICATED OUTDOOR DUCTWORK

1. THERMADUCT

HVAC POWER VENTILATORS

1. LOREN COOK
2. GREENHECK
3. CARNES
4. PENN BARRY
5. TWIN CITY FAN COMAPNY

233113

233423

233713 GRILLES REGISTERS AND DIFFUSERS

GRILLES REGISTERS AND DIFFUSERS

1. CARNES
2. PRICE
3. TITUS
4. KRUGER
5. NAILOR

233813 KITCHEN HOODS

RANGE HOOD

1. BROAN
2. BOSCH
3. GENERAL ELECTRIC
4. WHIRLPOOL

KITCHEN HOOD FIRE SUPPRESION

1. ANSUL
2. BADGER
3. KIDDE
4. PYRO CHEM

237433 DEDICATED OUTSIDE AIR UNITS

1. AAON
2. CARRIER
3. GREENHECK
4. LENNOX
5. MUNTERS
6. TRANE
7. MCQUAY
8. PRICE
9. REZNOR
10. YORK

238126 SPLIT SYSTEMS

DUCTED SPLIT SYSTEMS

1. AAON
2. CARRIER
3. DAIKIN
4. GUARDIAN
5. JCI
6. LENNOX
7. MITSUBISHI
8. TRANE
9. YORK

DUCTLESS SPLIT SYSTEMS

1. DAIKIN
2. EMI
3. LG
4. MITSUBISHI
5. SAMSUNG
6. SANYO

238127 VARIABLE REFRIGERANT SPLIT SYSTEMS

1. DAIKIN
2. HITACHI
3. MITUBISHI
4. LG

239000 LOUVERS AND VENTS

1. AIR BALANCE
2. AMERICAN WARMING AND VENTILATING
3. CESCO
4. GREENHECK
5. NAILOR
6. PREFCO
7. RUSKIN
8. TITUS
9. UNITED MCGILL

DIVISION 26 - ELECTRICAL

260519 CONDUCTORS AND CABLES

1. ALAN WIRE
2. ALCAN
3. AMERICAN INSULATED WIRE CORP
4. GENERAL CABLE CORP
5. SENATOR WIRE AND CABLE CO
6. SOUTHWIRE

260533 RACEWAYS AND BOXES FOR ELECTRICAL SYSTEMS

METALLIC CONDUIT

1. AFC CABLE
2. ALFLEX
3. ALLIED TUBE AND CONDUIT
4. ANAMET ELECTRICAL
5. ELECTRI FLEX
6. MANHATTAN/CDT/COLE FLEX
7. MAVERICK TUBE CORP
8. O-Z GEDNEY
9. WHEATLAND TUBE CO

NON METALLIC CONDUIT

1. AFC CABLE SYSTEMS
2. ARNCO CORP
3. CANTEX
4. CERTAINTEED
5. CONDUX INTERNATIONAL
6. ELECTRI FLEX
7. LAMSON AND SESSIONS
8. MANHATTAN/CDT/COLE-FLEX
9. RACO
10. THOMAS AND BETTS

WIREWAY

1. COOPER B LINE
2. HOFFMAN
3. SQUARE D

SURFACE RACEWAY

1. HUBBELL
2. PANDUIT
3. THOMAS AND BETTS
4. WALKER SYSTEMS
5. WIREMOLD

BOXES ENCLOSURES AND CABINETS

1. COOPER
2. APPELTON ELECTRIC
3. FSR
4. HOFFMAN
5. LEGRAND
6. O-Z GEDNEY
7. RACO
8. THOMAS AND BETTS
9. WALKER

HANDHOLES AND BOXES FOR EXTERIOR UNDERGROUND WIRING

1. ARMORCAST PRODUCTS
2. CARSON INDUSTRIES
3. HUBBELL POWER SYSTEMS
4. NEW BASIS

CABLE TRAY

1. EATON
2. HOFFMAN
3. HUBBELL
4. LEGRAND

260923 LIGHTING CONTROL DEVICES

TIME SWITCHES

1. INTERMATIC
2. LEVITON
3. LITHONIA
4. SQUARE D
5. TORK

PHOTOCELLS

1. INTERMATIC
2. LEVITON
3. LITHONIA
4. SQUARE D
5. TORK

LIGHTING CONTACTORS

1. GENERAL ELECTRIC
2. HUBBELL
3. LITHONIA
4. SIEMENS
5. SQUARE D
6. TORK

262416 PANELBOARDS

PANELBOARDS

1. EATON ELECTRIC
2. GENERAL ELECTRIC
3. SIEMENS
4. SQUARE D

PANELBOARD SUPPRESSORS

1. CRITEC
2. CURRENT TECHNOLOGY
3. EATON ELECTRICAL - CUTLER HAMMER
4. GENERAL ELECTRIC
5. LIEBERT
6. SIEMENS
7. SQUARE D

262726 WIRING DEVICES

RECEPTACLES

1. BRYANT
2. HUBBELL
3. LEVITON
4. COOPER
5. PASS AND SEYMOUR

SWITCHES AND WALL BOX DIMMERS

1. BRYANT
2. COOPER
3. HUBBELL
4. LEVITON
5. LUTRON
6. PASS AND SEYMOUR

ELECTRONIC TIMER SWITCHES

1. COOPER
2. HUBBELL
3. INTERMATIC
4. LEVITON
5. LUTRON
6. PASS AND SEYMOUR
7. WATT STOPPER

OCCUPANCY SENSORS

1. COOPER
2. HUBBELL
3. INTERMATIC
4. LEVITON
5. LUTRON
6. PASS AND SEYMOUR
7. WATT STOPPER

MULTIOUTLET ASSEMBLIES

1. HUBBELL
2. WIREMOLD

265100 LIGHT FIXTURES

LIGHT FIXTURES

1. SEE LIGHT FIXTURE SCHEDULE

LAMPS

1. PHILLIPS
2. GENERAL ELECTRIC
3. SYLVANIA

265100 LIGHT FIXTURES

BALLASTS

1. ADVANCE
2. GENERAL ELECTRIC
3. IOTA
4. LUTRON
5. UNIVERSAL

DIVISION 28 ELECTRONIC SAFETY AND SECURITY

283111 ADDRESSIBLE FIRE ALARM SYSTEM

1. FIKE
2. NOTIFIER
3. SIEMENS
4. SIMPLEX GRINNELL

NOT FOR CONSTRUCTION

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PARAGON

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MISSOURI STATE CERTIFICATE OF AUTHORITY #E-2013013378

SHEET NUMBER: **MEP100**

PROJECT DESCRIPTION: MONETT LIBRARY BRANCH 19-556

SCHEDULE OF MANUFACTURERS

PROJECT NUMBER: 19-556

2200 PARK STREET
MONETT, MO, 65708

DATE: 06/11/21

PROJECT ENGINNER: AJW
DRAWN BY: AJW
CHECKED BY: BRP

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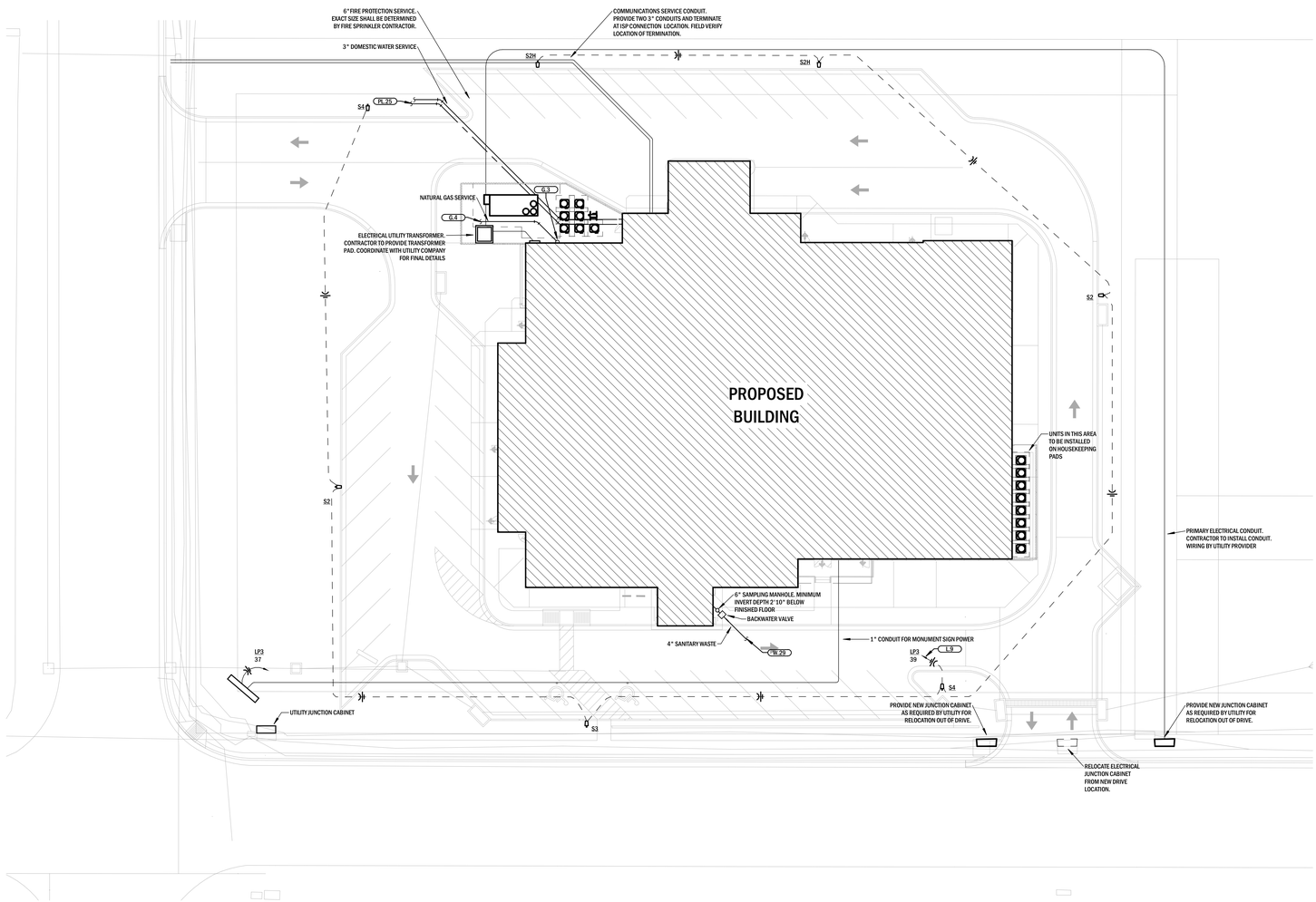
KEYNOTES

G.3	NATURAL GAS SERVICE UP TO METER AGAINST THIS WALL. SEE PLUMBING PLAN FOR CONTINUATION
G.4	REFERENCE CIVIL PLAN FOR CONTINUATION
L.9	WIRE THROUGH LIGHTING CONTACTOR LC1.
PL.25	REFERENCE CIVIL PLAN FOR CONTINUATION
W.29	SEE CIVIL PLAN FOR CONTINUATION.



GAS LOAD TABLE

SPACE HEATING	1470 MBH
WATER HEATING	76 MBH
GAS RANGE TOP	58 MBH
TOTAL	1604 MBH
PRESSURE	14" WC

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WATER DEMAND

FIXTURE TYPE	QTY.	FIXTURE UNITS (EA)	FIXTURE UNITS (TOTAL)	GPM
WATER CLOSET	10	10	100	67.5
LAVATORY	6	2	16	18
MOP BASIN	2	3	6	10.7
WATER COOLER	2	0.3	0.6	3
KITCHEN SINK	3	1.4	2.8	6
DISHWASHER	1	4.2	4.2	8.2
HOSE BIBB	4	5	20	19.6
TOTAL			149.6	79
PROPOSED WATER METER SIZE				2"ø

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1 **MEP SITE PLAN**
Scale: 1" = 20'-0"

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430 S. GLENSTONE AVE. SPRINGFIELD, MO 65802
1310 SOUTH MAIN STREET. JOPLIN, MO 64801
PH: 417.885.0002 FAX: 417.868.0072
www.paragonarchitecture.com

PROJECT DESCRIPTION:
MEP101 MONETT LIBRARY BRANCH 19-556

SHEET NUMBER:
MEP SITE PLAN

PROJECT NUMBER:
19-556

2200 PARK STREET
MONETT, MO. 65708

PROJECT ENGINNER: AJW
DRAWN BY: AJW
CHECKED BY: BPP

DATE:
06/11/21

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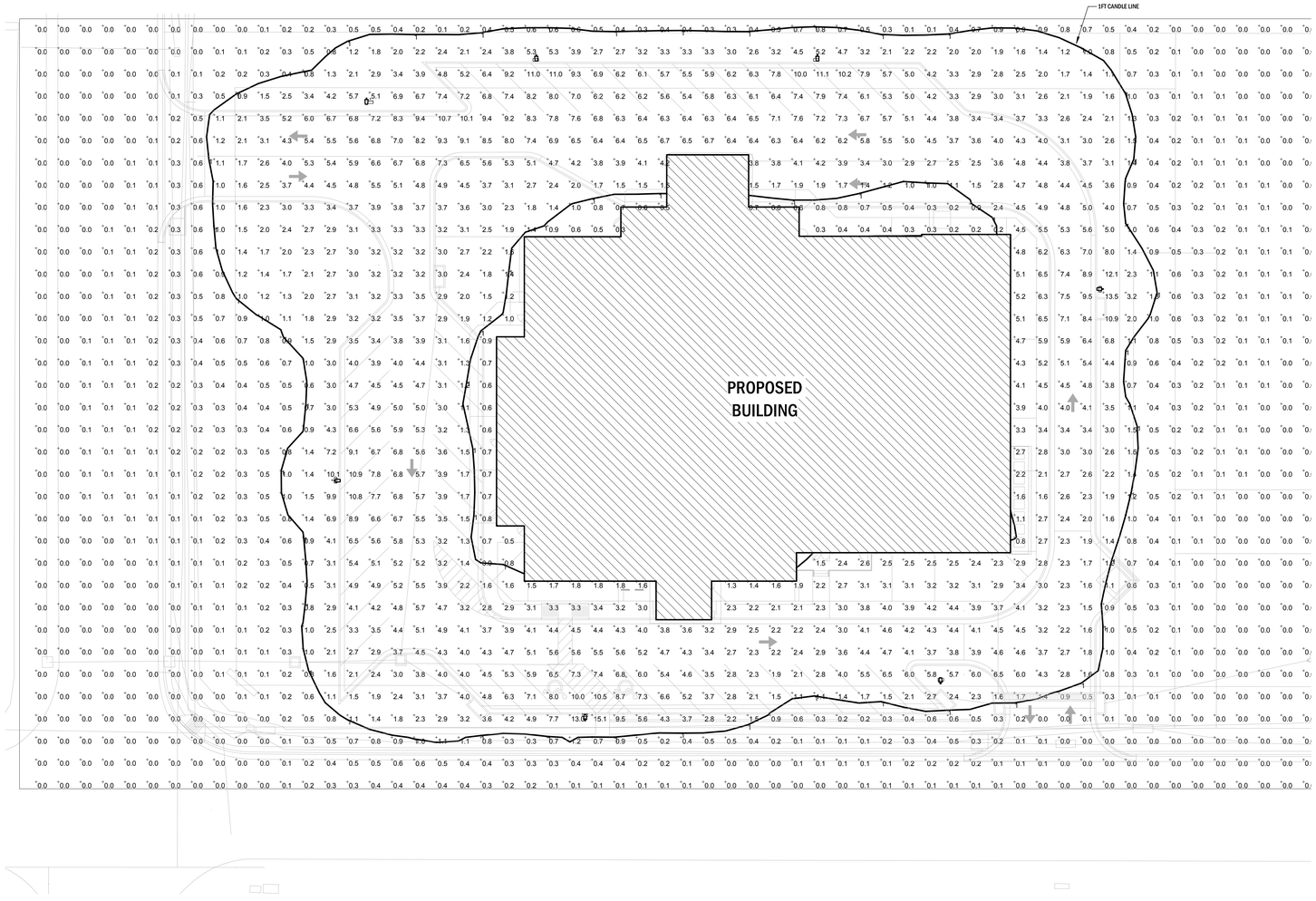

1 PHOTOMETRIC SITE PLAN

Scale: 1" = 20'-0"

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PROJECT DESCRIPTION:
MEP102 MONETT LIBRARY BRANCH 19-556
PHOTOMETRIC PLAN
2200 PARK STREET
MONETT, MO. 65708

SHEET NUMBER:
PROJECT NUMBER: 19-556
DATE: 06/11/21
PROJECT ENGINEER: AJW
DRAWN BY: AJW
CHECKED BY: BMP

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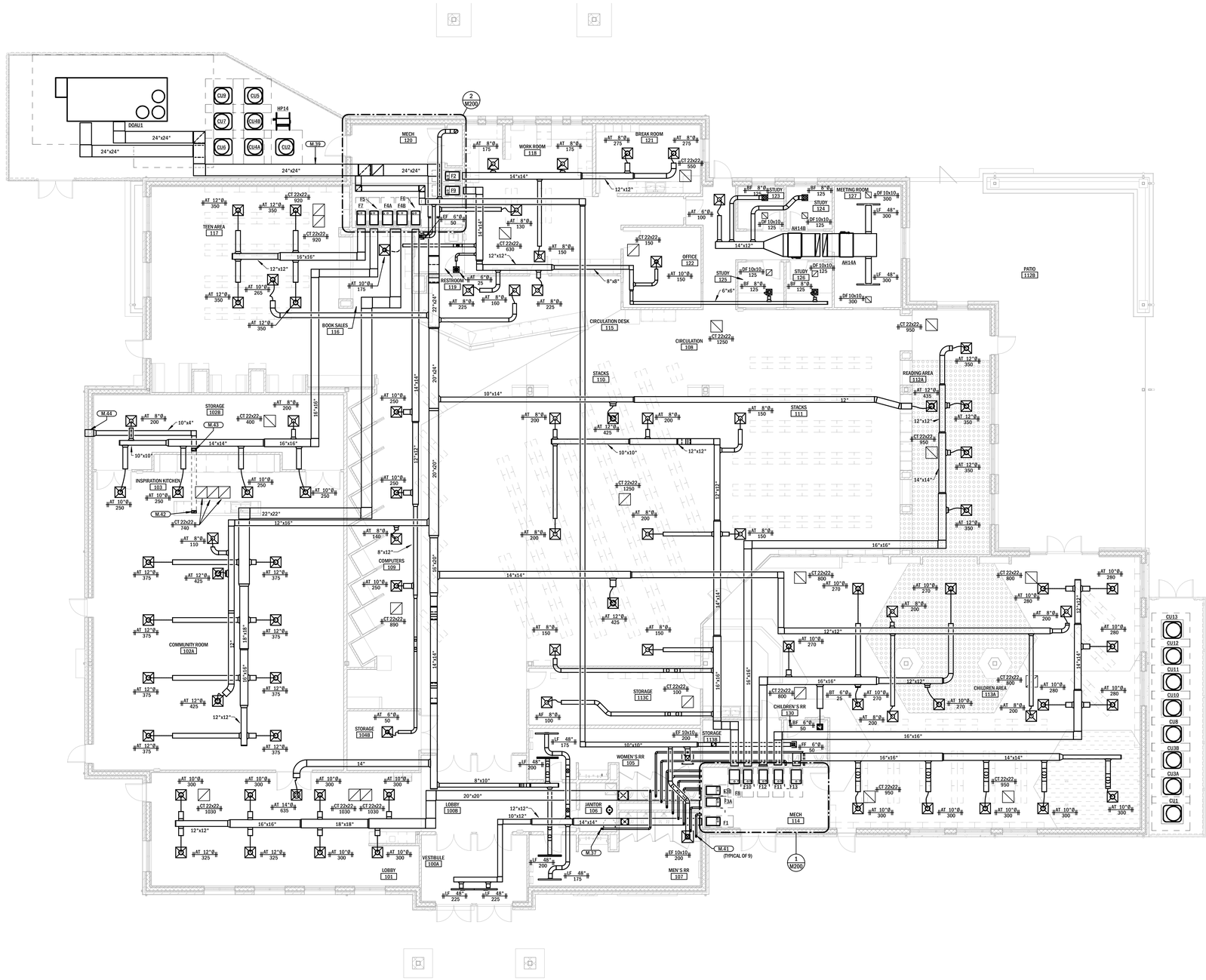
KEYNOTES

M.37	INTAKE AND COMBUSTION FLUE DOWN TO WATER HEATER
M.39	EXTERIOR 24"x24" OUTSIDE AIR DUCT AND 24"x24" EXHAUST AIR DUCT STACKED
M.41	INTAKE AND COMBUSTION FLUE UP THROUGH ROOF TO CONCENTRIC VENT
M.42	10"x4" EXHAUST DUCT TO DOWN DRAFT HOOD FOR ISLAND RANGE.
M.43	10"x4" EXHAUST DUCT DOWN BELOW GRADE
M.44	10"x4" EXHAUST DUCT OUT THOUGH WALL TO 14"x8" EXHAUST LOUVER. PAINT TO MATCH EXTERIOR.



1 MECHANICAL PLAN

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

NORTH

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PROJECT DESCRIPTION:
MONETT LIBRARY BRANCH 19-556

SHEET NUMBER: **M100**
MECHANICAL PLAN

PROJECT NUMBER: 19-556
DATE: 06/11/21

PROJECT ENGINNER: AJW
DRAWN BY: AJW
CHECKED BY: BRP

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KEYNOTES

M.38	INTAKE AND COMBUSTION FLUE DOWN TO FURNACE
M.40	INTAKE AND COMBUSTION FLUE TO CONCENTRIC VENT OUT THROUGH WALL

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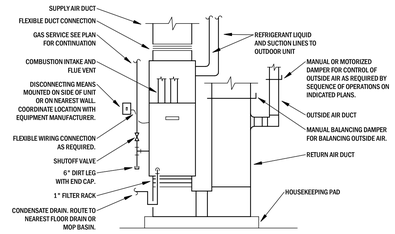
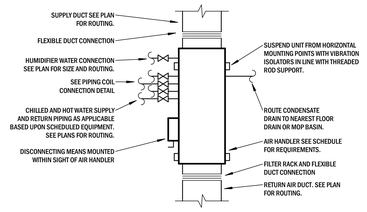
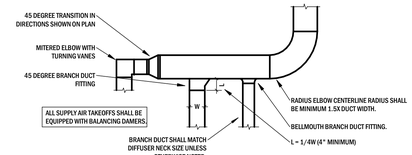


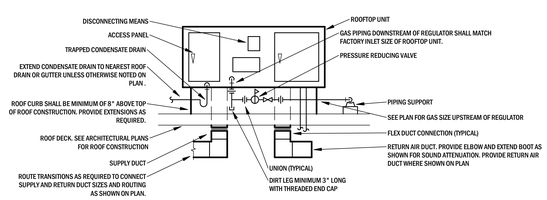
11 VERTICAL GAS FIRED FURNACE
Scale: NTS



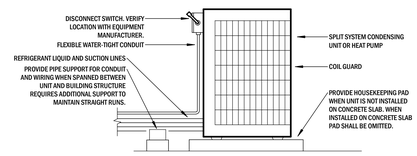
7 HORIZONTAL AIR HANDLER DETAIL
Scale: NTS



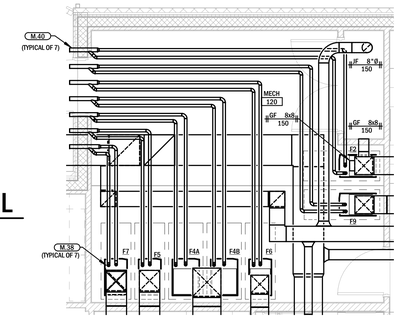
3 DUCT CONSTRUCTION DETAIL
Scale: NTS



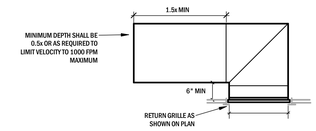
10 ROOFTOP UNIT DETAIL
Scale: NTS



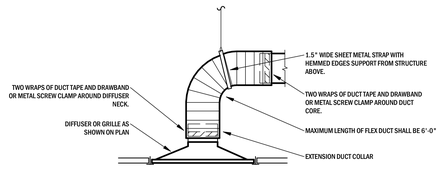
6 GROUND MOUNTED CONDENSING UNIT DETAIL
Scale: NTS



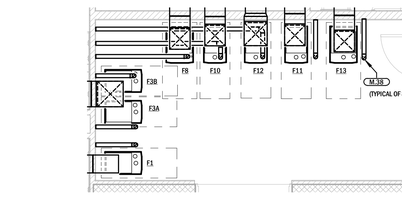
2 ENLARGED MECHANICAL ROOM PLAN
Scale: 1/4" = 1'-0"



9 RETURN AIR BOOT
Scale: NTS



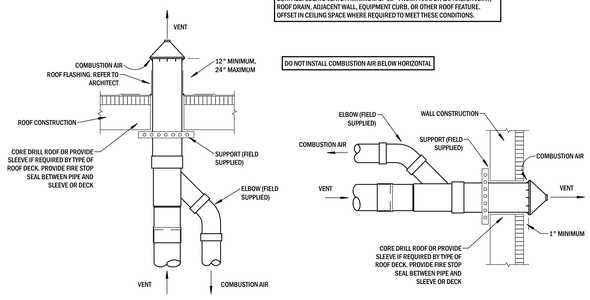
5 FLEX DUCT CONSTRUCTION DETAIL
Scale: NTS



1 ENLARGED MECHANICAL ROOM PLAN
Scale: 1/4" = 1'-0"

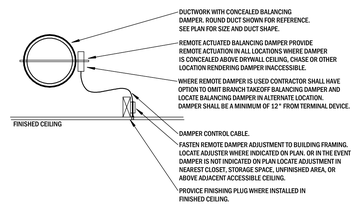
REFER TO PLANS FOR VENT LOCATIONS. LOCATE VENTS A MINIMUM OF THREE FEET FROM PROPERTY LINE, TEN FEET HORIZONTAL OR THREE FEET VERTICAL ABOVE ANY BUILDING OPENING OR FRESH AIR INTAKE, TWENTY FIVE FEET FROM ANY OPENING OR FRESH AIR INTAKE IN MEDICAL FACILITIES AND ONE FOOT FROM ANY VERTICAL SURFACE. LOCATE VENTS A MINIMUM OF 18" FROM PARAPET, EXPANSION JOINT, ROOF DRAIN, ADJACENT WALL, EQUIPMENT CURB, OR OTHER ROOF FEATURE. OFFSET IN CEILING SPACE WHERE REQUIRED TO MEET THESE CONDITIONS.

DO NOT INSTALL COMBUSTION AIR BELOW HORIZONTAL

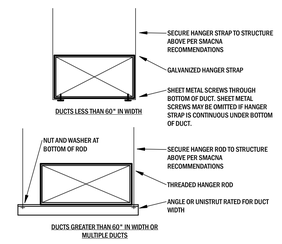


VERTICAL INSTALLATION HORIZONTAL INSTALLTION

12 CONCENTRIC VENT KIT DETAIL
Scale: NTS



8 REMOTE BALANCING DAMPER DETAIL
Scale: NTS



4 DUCT SUPPORT DETAIL
Scale: NTS

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MISSOURI STATE CERTIFICATE OF AUTHORITY #E-2013013378

PROJECT DESCRIPTION: MONETT LIBRARY BRANCH 19-556

SHEET NUMBER: **M200** MECHANICAL DETAILS

PROJECT NUMBER: 19-556

2200 PARK STREET
MONETT, MO. 65708

DATE: 06/11/21

PROJECT ENGINEER: AJW
DRAWN BY: AJW
CHECKED BY: BBP

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PH: 417.885.0002 FAX: 417.868.0072
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PIPING MATERIAL SCHEDULE

	PIPING		TEST PARAMETERS		FITTING		LABEL COLOR	
TYPE	SIZE	MATERIAL	PRESSURE	TIME	MATERIAL	TYPE	BACKGROUND	TEXT
CONDENSATE DRAIN	ALL	TYPE L COPPER TUBING	5 PSI	1 HR	WC-DWV	SL	--	--
REFRIGERANT PIPING	ALL	ACR COPPER TUBING - TYPE L	600 PSI	24 HR	CP	BZ	ORANGE	BLACK

ABBREVIATIONS:
BF: BUTT FUSION
BZ: BRAZED - NO FLUX
CI: CAST IRON
CP: COPPER
CR: CRIMPED
DWV: DRAINAGE WASTE AND VENT
FSFL: FORGED STEEL FLANGES
MAT: MATERIAL
MI: MALLEABLE IRON
PE: HIGH DENSITY POLYETHYLENE

ABBREVIATIONS:
GR: GROOVED
RS: RESIN SOCKET
SL: SOLDERED
SW: SOLVENT WELD
TH: THREADED
WC: WROUGHT COPPER
WE: WELDED
WF: WELDED AND FLANGED
ST: STEEL

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SPLIT SYSTEM SCHEDULE

	SYSTEM NUMBER	1	2	3	3	4	4	5	6	7	8	9	10	11	12	13
SYSTEM	AREA SERVED	SOUTH ENTRY	WORK ROOM	COFFEE BAR	COFFEE BAR	COMM ROOM	COMM ROOM	INSPR KITCHEN	COMPUTERS	TEEN AREA	STACKS INTERIOR	CIRCULATION	READING AREA	CHILDRENS EXT	CHILDRENS INT	CHILDRENS STH
	MANUFACTURER	TRANE	TRANE	TRANE	TRANE	TRANE	TRANE	TRANE	TRANE	TRANE	TRANE	TRANE	TRANE	TRANE	TRANE	TRANE
	NOMINAL TONS	3	4	3	4	5	5	4	2	4	5	3	4	3	5	5
FURNACE	MARK	F1	F2	F3A	F3B	F4A	F4B	F5	F6	F7	F8	F9	F10	F11	F12	F13
	TYPE	VERTICAL	VERTICAL	VERTICAL	VERTICAL	VERTICAL	VERTICAL	VERTICAL	VERTICAL	VERTICAL	VERTICAL	VERTICAL	VERTICAL	VERTICAL	VERTICAL	VERTICAL
	MODEL NUMBER	S9X2B	S9X2B	S9X2B	S9X2B	S9X2C	S9X2C	S9X2B	S9X2B	S9X2B	S9X2C	S9X2B	S9X2B	S9X2B	S9X2B	S9X2C
	SUPPLY CFM	1050	1400	1050	1400	1500	1500	1400	800	1400	1500	1050	1400	1400	1050	1500
	OA CFM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	ESP	0.75" WC	0.75" WC	0.75" WC	0.75" WC	0.75" WC	0.75" WC	0.75" WC	0.75" WC	0.75" WC	0.75" WC	0.75" WC	0.75" WC	0.75" WC	0.75" WC	0.75" WC
	VOLTAGE/PHASE	120/1	120/1	120/1	120/1	120/1	120/1	120/1	120/1	120/1	120/1	120/1	120/1	120/1	120/1	120/1
	MCA (AMPS)	9.3	11.3	9.3	11.3	14.4	14.4	11.3	9.3	11.3	14.4	9.3	11.3	11.3	9.3	14.4
	MOCP (AMPS)	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
	BACKUP HEAT	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
COND. UNIT	MARK	CU1	CU2	CU3A	CU3B	CU4A	CU4B	CU5	CU6	CU7	CU8	CU9	CU10	CU11	CU12	CU13
	MODEL NUMBER	4TTR7	4TTR7	4TTR7	4TTR7	4TTR7	4TTR7	4TTR7	4TTR7	4TTR7	4TTR7	4TTR7	4TTR7	4TTR7	4TTR7	4TTR7
	VOLTAGE/PHASE	208/1	208/1	208/1	208/1	208/1	208/1	208/1	208/1	208/1	208/1	208/1	208/1	208/1	208/1	208/1
	MCA (AMPS)	24	28	24	28	37	37	28	18	28	37	24	28	28	24	37
	MOCP (AMPS)	35	45	35	45	60	60	45	20	45	60	35	45	45	35	60
	OUTDOOR AMBIENT	95°F	95°F	95°F	95°F	95°F	95°F	95°F	95°F	95°F	95°F	95°F	95°F	95°F	95°F	95°F
COOLING	AHRI MIN. EFFICIENCY	16 SEER	16 SEER	16 SEER	16 SEER	16 SEER	16 SEER	16 SEER	16 SEER	16 SEER	16 SEER	16 SEER	16 SEER	16 SEER	16 SEER	16 SEER
	DRYBULB EAT	80°F	80°F	80°F	80°F	80°F	80°F	80°F	80°F	80°F	80°F	80°F	80°F	80°F	80°F	80°F
	WETBULB EAT	67°F	67°F	67°F	67°F	67°F	67°F	67°F	67°F	67°F	67°F	67°F	67°F	67°F	67°F	67°F
	TOTAL CAPACITY	34.6 MBH	47.9 MBH	34.6 MBH	47.9 MBH	55 MBH	55 MBH	47.9 MBH	23.5 MBH	47.9 MBH	55 MBH	34.6 MBH	47.9 MBH	47.9 MBH	34.6 MBH	55 MBH
	OUTDOOR AMBIENT	0°F	0°F	0°F	0°F	0°F	0°F	0°F	0°F	0°F	0°F	0°F	0°F	0°F	0°F	0°F
HEATING	HEAT TYPE	FURNACE	FURNACE	FURNACE	FURNACE	FURNACE	FURNACE	FURNACE	FURNACE	FURNACE	FURNACE	FURNACE	FURNACE	FURNACE	FURNACE	FURNACE
	HEAT INPUT NATURAL GAS	40 MBH	60 MBH	40 MBH	60 MBH	80 MBH	80 MBH	60 MBH	30 MBH	60 MBH	80 MBH	40 MBH	60 MBH	60 MBH	40 MBH	80 MBH
	MIN. AFUE	95%	95%	95%	95%	95%	95%	95%	95%	95%	95%	95%	95%	95%	95%	95%
	DRYBULB EAT	70°F	70°F	70°F	70°F	70°F	70°F	70°F	70°F	70°F	70°F	70°F	70°F	70°F	70°F	70°F
	OPTIONS	T,2SH,2SC,MSF	T,2SH,2SC,MSF	T,2SH,2SC,MSF	T,2SH,2SC,MSF	T,2SH,2SC,MSF	T,2SH,2SC,MSF	T,2SH,2SC,MSF	T,2SH,2SC,MSF	T,2SH,2SC,MSF	T,2SH,2SC,MSF	T,2SH,2SC,MSF	T,2SH,2SC,MSF	T,2SH,2SC,MSF	T,2SH,2SC,MSF	T,2SH,2SC,MSF
	NOTES	1,2,3	1,2,3	1,2,3	1,2,3	1,2,3	1,2,3	1,2,3	1,2,3	1,2,3	1,2,3	1,2,3	1,2,3	1,2,3	1,2,3	1,2,3

NOTES:
1. THERMOSTATS SHALL BE INTERNET CONNECTED TO ENABLE TEMPERATURE AND SCHEDULING ADJUSTMENTS FROM REMOTE INTERNET-BASED LOGIN WITH STANDARD INTERNET BROWSING DEVICES. THERE SHALL BE ONLY 1 SOFTWARE TYPE AND LOGIN SITE REQUIRED FOR ADJUSTING THE TOTAL OF HEAT/COOL SYSTEMS SHOWN IN THIS PROJECT.
2. PROVIDE THERMOSTAT CONTROL WHICH ENABLES 2-STAGE HEAT/COOL OPERATION.
3. PROVIDE NEW AIR FILTERS WITH RATING APPROXIMATELY EQUAL TO MERV 8.

ABBREVIATIONS:
DB: DRY BULB
DX: DIRECT EXPANSION
EAT: COOLING COIL ENTERING AIR TEMPERATURE
ESP: EXTERNAL STATIC PRESSURE (EXCLUDES FILTER LOSS)
MCA: MINIMUM CIRCUIT AMPACITY
OA: OUTSIDE AIR
WB: WET BULB
LA: LOW AMBIENT OPERATION (5 F)
CP: CONDENSATE PUMP (FACTORY ACCESSORY)
VSC: VARIABLE SPEED COMPRESSOR
P: PROPANE FURNACE

ABBREVIATIONS:
CG: COIL GUARDS
CO2: CO2 SENSOR FOR CONTROL OF MOTORIZED OUTSIDE AIR DAMPER, DEMAND CONTROL VENTILATION
FA: RETURN AIR DUCT SMOKE DETECTOR AND FAN SHUTDOWN RELAY
2SH: TWO STAGE HEATING
2SC: TWO STAGE COOLING
MSF: MULTIPLE SPEED FAN
MOA: MOTORIZED OUTSIDE AIR DAMPER WITH 100% ENTHALPY ECONOMIZER
SPP: SINGLE POINT POWER CONNECTION
T: PROGRAMMABLE THERMOSTAT, INTERNET CONNECTED
TAS: THERMOSTAT AVERAGING SENSOR
OK: OUTSIDE AIR DUCT CONNECTION KIT

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SPLIT SYSTEM SCHEDULE

	SYSTEM NUMBER	14	14			
SYSTEM	AREA SERVED	MEETING ROOM	STUDY ROOMS			
	MANUFACTURER	MITSUBISHI	MITSUBISHI			
	NOMINAL TONS	2	1.5			
AIR HANDLER	MARK	AH14A	AH14B			
	TYPE	HORIZONTAL	HORIZONTAL			
	MODEL NUMBER	PEAD-A24AA7	PEAD-A18AA7			
	SUPPLY CFM	600	500			
	OA CFM	-	-			
	ESP	0.5" WC	0.5" WC			
	VOLTAGE/PHASE	208/1	208/1			
	MCA (AMPS)	2.63	1.69			
	MOCP (AMPS)	--	--			
	BACKUP HEAT	NONE	NONE			
HEAT PUMP	MARK	HP14	--			
	MODEL NUMBER	NTXMPH42	--			
	VOLTAGE/PHASE	208/1	--			
	MCA (AMPS)	42	--			
	MOCP (AMPS)	52	--			
	OUTDOOR AMBIENT	95°F	--			
COOLING	AHRI MIN. EFFICIENCY	16 SEER	--			
	DRYBULB EAT	80°F	--			
	WETBULB EAT	67°F	--			
	TOTAL CAPACITY	42 MBH	--			
	OUTDOOR AMBIENT	17°F	--			
HEAT	TOTAL CAPACITY	36.6 MBH	--			
	DRYBULB EAT	70°F	--			
	OUTDOOR AMBIENT	47°F	--			
HEAT	TOTAL CAPACITY	8 MBH	--			
	AHRI MIN. EFFICIENCY	9 HSPF	--			
	OPTIONS	T,MSF,SPP,LA	--			
	NOTES	1,2,3	--			

NOTES:
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TAS: THERMOSTAT AVERAGING SENSOR
OK: OUTSIDE AIR DUCT CONNECTION KIT

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OUTSIDE AIR UNIT SCHEDULE

MARK	DOAU1		
MANUFACTURER	TRANE		
MODEL	YCH360		
NOMINAL TONS	30		
SUPPLY CFM	4500		
MIN OA CFM	1250		
OA CFM	4500		
ESP	1.0		
DRYBULB EAT	105°F		
WETBULB EAT	75°F		
SENSIBLE CAPACITY	258.7		
TOTAL CAPACITY	350.22		
REHEAT TYPE	DX		
REHEAT CAPACITY	--		
MINIMUM EER	--		
LEAVING AIR TMP DB	72°F		
LEAVING AIR TMP WB	61.6°F		
OUTDOOR AMB TMP	90		
HEAT TYPE	GAS		
HEAT INPUT	600		
HEAT OUTPUT	480		
VOLTAGE/PHASE	208/3		
MCA (AMPS)	163.23		
MOCP (AMPS)	200		
ACCESSORIES	CT,DM,SF,FA, CO,MHGR		

ABBREVIATIONS:
AMB: AMBIENT
CAP: CAPACITY
COND: CONDENSOR
DB: DRY BULB
DX: DIRECT EXPANSION
EAT: COOLING COIL ENTERING AIR TEMPERATURE
ESP: EXTERNAL STATIC PRESSURE (EXCLUDES FILTER LOSS)
MCA: MAXIMUM CIRCUIT AMPACITY
OA: OUTSIDE AIR
TMP: TEMPERATURE
WB: WET BULB
CG: COIL GUARDS
CO2: CO2 SENSOR FOR CONTROL OF OUTSIDE AIR DAMPER
CR: FACTORY WIRED CONVENIENCE RECEPTACLE
DM: DISCONNECTING MEANS
FA: RETURN AIR DUCT SMOKE DETECTOR AND FAN SHUTDOWN RELAY
MHGR: MODULATING HOT GAS REHEAT
MOA: MOTORIZED OUTSIDE AIR DAMPER WITH 100% ENTHALPY ECONOMIER
SF: HOUSEKEEPING PAD AND SPRING ISOLATORS FOR SUPPORT OF GROUND MOUNTED UNIT.
CT: ON BOARD CONTROLLER FOR SCHEDULING AND DISCHARGE TEMPERATURE SETPOINT ADJUSTMENT.

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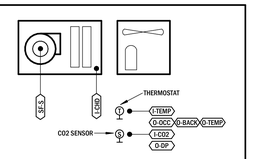

POINTS LIST (CONTROLLED THROUGH WEB ENABLED THERMOSTAT):

- AIP: SETPOINT TEMPERATURE
- AIP: SPACE CO2 LEVEL
- BIP: EQUIPMENT MODE (COOL/HEAT/AUTO)
- AIP: SPACE TEMPERATURE
- AOP: SPACE TEMPERATURE SETPOINT (72F COOL/ 70F HEAT ADJUSTABLE)
- AOP: "O-BACK" - UNOCCUPIED SPACE TEMPERATURE SETPOINT (76F COOL/ 60F HEAT ADJUSTABLE)
- BOP: "O-OCC" - OCCUPANCY MODE (OCCUPIED/UNOCCUPIED)

SEQUENCE OF OPERATIONS:
SUPPLY FAN: SUPPLY FAN SHALL RUN IN 'AUTO MODE' AND SHALL CYCLE UPON CALL FOR COOLING, HEATING OR DEHUMIDIFICATION.

COOLING: UPON A CALL FOR COOLING SUPPLY FAN SHALL ENERGIZE AND REFRIGERANT CIRCUIT SHALL BE INITIALIZED IN COOLING MODE. UNIT SHALL DELIVER COOL AIR UNTIL SPACE TEMPERATURE IS SATISFIED. WHEN SPACE TEMPERATURE SETPOINT IS SATISFIED, SUPPLY FAN SHALL STOP AND REFRIGERANT CIRCUIT SHALL TURN OFF.

HEATING: UPON A CALL FOR HEATING, SUPPLY FAN SHALL ENERGIZE AND HEAT PUMP REFRIGERANT CIRCUIT SHALL INITIALIZED IN HEATING MODE. UNIT SHALL DELIVER HEATED AIR UNTIL SPACE TEMPERATURE IS SATISFIED. WHEN SPACE TEMPERATURE IS SATISFIED, SUPPLY FAN SHALL SWITCH OFF AND REFRIGERANT CIRCUIT SHALL TURN OFF. WHEN OUTDOOR AIR CONDITIONS ARE SUCH THAT HEAT PUMP CANNOT OPERATE, AUXILLARY HEATING SOURCE SHALL BE ENERGIZED.

HEATING GAS FIRED FURNACE: UPON A CALL FOR HEATING, SUPPLY FAN SHALL ENERGIZE AND GAS FIRED FURNACE SHALL INITIALIZE. UNIT SHALL DELIVER HEATED AIR UNTIL SPACE TEMPERATURE IS SATISFIED. WHEN SPACE TEMPERATURE IS SATISFIED, SUPPLY FAN SHALL SWITCH OFF AND REFRIGERANT CIRCUIT SHALL TURN OFF.

VENTILATION: VENTILATION IS PROVIDED THROUGH A DEDICATED OUTSIDE AIR UNIT SEPARATE FROM SPLIT SYSTEM.

SPLIT SYSTEM CONTROL DIAGRAM

POINTS LIST:

- AOP: "DA-T" - DISCHARGE AIR TEMPERATURE
- AOP: "DP-S" - DISCHARGE AIR HUMIDITY
- AOP: "OA-S" - OUTSIDE AIR STATUS (HEAT/COOL/DEHUMIDIFY/ECONOMIZER)
- AIP: "DT-S" - DISCHARGE AIR TEMPERATURE SETPOINT (72°F ADJUSTABLE)
- AIP: "DH-S" - DISCHARGE AIR HUMIDITY SETPOINT (55% RH ADJUSTABLE)
- AIP: "ESP-P" - DUCT STATIC PRESSURE
- BOP: "AO-ALA" - OUTSIDE AIR UNIT ALARM

SEQUENCE OF OPERATIONS:

WHEN BUILDING IS IN OCCUPIED MODE UNIT SHALL ENERGIZE AND FAN SHALL RUN TO PROVIDE NEUTRAL OUTSIDE AIR TO BUILDING. FAN SHALL OPERATE CONSTANTLY TO MAINTAIN AIRFLOW SPECIFIED IN SCHEDULE. VFD SHALL BE PROVIDED FOR FAN ADJUSTMENT.

COOLING: CHILLED WATER VALVE AND HOT WATER REHEAT VALVE SHALL MODULATE TO DELIVER DISCHARGE AIR TEMPERATURE.

HEATING: HOT WATER VALVE SHALL MODULATE OPEN TO MAINTAIN NEUTRAL AIR DISCHARGE AIR TEMPERATURE. UNIT SHALL DELIVER SIGNAL TO ENABLE BOILER.

DEDICATED OUTSIDE AIR UNIT CONTROL SEQUENCE

HVAC SYMBOLS

	CEILING SUPPLY GRILLE
	CEILING RETURN/EXHAUST GRILLE
	LINEAR SUPPLY/RETURN GRILLE
	WALL SUPPLY/RETURN/EXHAUST GRILLE OR REGISTER
	DIFFUSER OR GRILLE WITH FLEX DUCT. SIZE OF FLEX DUCT SHALL EQUAL SIZE OF UPSTREAM DUCT.
	INDICATES CONNECTION TO EXISTING SYSTEM
T STU3	THERMOSTAT
S CO2	CO2 SENSOR
S T	REMOTE AVERAGING TEMPERATURE SENSOR
S H	HUMIDISTAT
S OR	TEMPERATURE OVERRIDE SENSOR
A1 Ad 100	DIFFUSER TAG - LETTER AND CEILING DESIGNATION, NECK SIZE AND CFM
FD	FIRE DAMPER
SD	SMOKE DAMPER
MD	MOTORIZED DAMPER
BD	BALANCE DAMPER
GBD	GRAVITY BACKDRAFT DAMPER
C	CONDENSATE DRAIN
R	REFRIGERANT LINESET (LIQUID, SUCTION AND HEAT RECOVERY WHERE APPLICABLE)
HPWS	HEAT PUMP WATER SUPPLY
HPWR	HEAT PUMP WATER RETURN
CHWS	CHILLED WATER SUPPLY
CHWR	CHILLED WATER RETURN
HWS	HOT WATER SUPPLY
HWR	HOT WATER RETURN

ABBREVIATIONS	
60"	DIMENSIONS NEXT TO ANY SYMBOL OR FIXTURE INDICATES MOUNTING HEIGHT TO CENTERLINE OF DEVICE.
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AHU	AIR HANDLING UNIT
CU	CONDENSING UNIT
HP	HEAT PUMP
DN	DOWN
EF	EXHAUST FAN
OA	OUTSIDE AIR
RA	RETURN AIR
SA	SUPPLY AIR
OFCI	OWNER FURNISHED CONTRACTOR INSTALLED

PROJECT DESCRIPTION:
M300 MECHANICAL SCHEDULES
2200 PARK STREET
MONETT, MO. 65708

PROJECT NUMBER:
19-556

DATE:
06/11/21

SHEET NUMBER:

PROJECT ENGINEER: AJW
DRAWN BY: AJW
CHECKED BY: BRP

MONETT LIBRARY BRANCH 19-556

interpres
building solutions
1201 South Campbell / Springfield, MO 65807
417.631.4895 / www.interpresbuild.com

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3	IN NO CASE SHALL THE CONTRACTOR PROVIDE OR EXCLUDE PROJECT COMPONENTS THAT WOULD PERMIT THE PROJECT TO BE CONSTRUCTED, REQUIRE MODIFICATIONS, OR MAKE CLARIFICATION FOR AREAS IN WHICH THEY BELIEVE INSUFFICIENT INFORMATION IS PROVIDED. REQUEST FOR ALL INFORMATION FROM THE DESIGN TEAM SHALL BE SUBMITTED PRIOR TO SUBMITTING BID.

KEYNOTES

L1	INSTALL LIGHT FIXTURE TIGHT TO BOTTOM OF STRUCTURE ABOVE.
L5	POWER CAN/SWITCH AND AIRSCRAFT CABLE TO SUSPEND FIXTURE AT ELEVATION NOTED ON PLAN.
L6	INSTALL FIXTURE AT BOTTOM OF UPPER CABINETS.
L8	INSTALL LIGHT FIXTURE SO THAT BOTTOM OF FIXTURE IS 2" - ABOVE TOP OF MIRROR.
L9	WIRE THROUGH LIGHTING CONTACTOR (LC).
L10	WIRE THROUGH LIGHTING CONTACTOR LC2.
L11	WIRE THROUGH LIGHTING CONTACTOR LC3.
L12	WIRE TO DIMMER SWITCH LOCATED IN WORK ROOM.
L23	PROVIDE OCCUPANCY SENSOR EQUAL TO WATTSTOPPER WI-OSS1-I-SD2304-A-B-DC OR EQUAL

PARAGON
ARCHITECTURE
430 S. GLENSTONE AVE. SPRINGFIELD, MO 65802
1310 SOUTH MAIN STREET, JOPLIN, MO 64801
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SHEET NUMBER: **E100**

PROJECT DESCRIPTION: MONETT LIBRARY BRANCH 19-556

LIGHTING PLAN

PROJECT NUMBER: 19-556

2200 PARK STREET
MONETT, MO. 65708

DATE: 06/11/21

PROJECT ENGINEER: AJW
DRAWN BY: AJW
CHECKED BY: BRP

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building solutions
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NORTH

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

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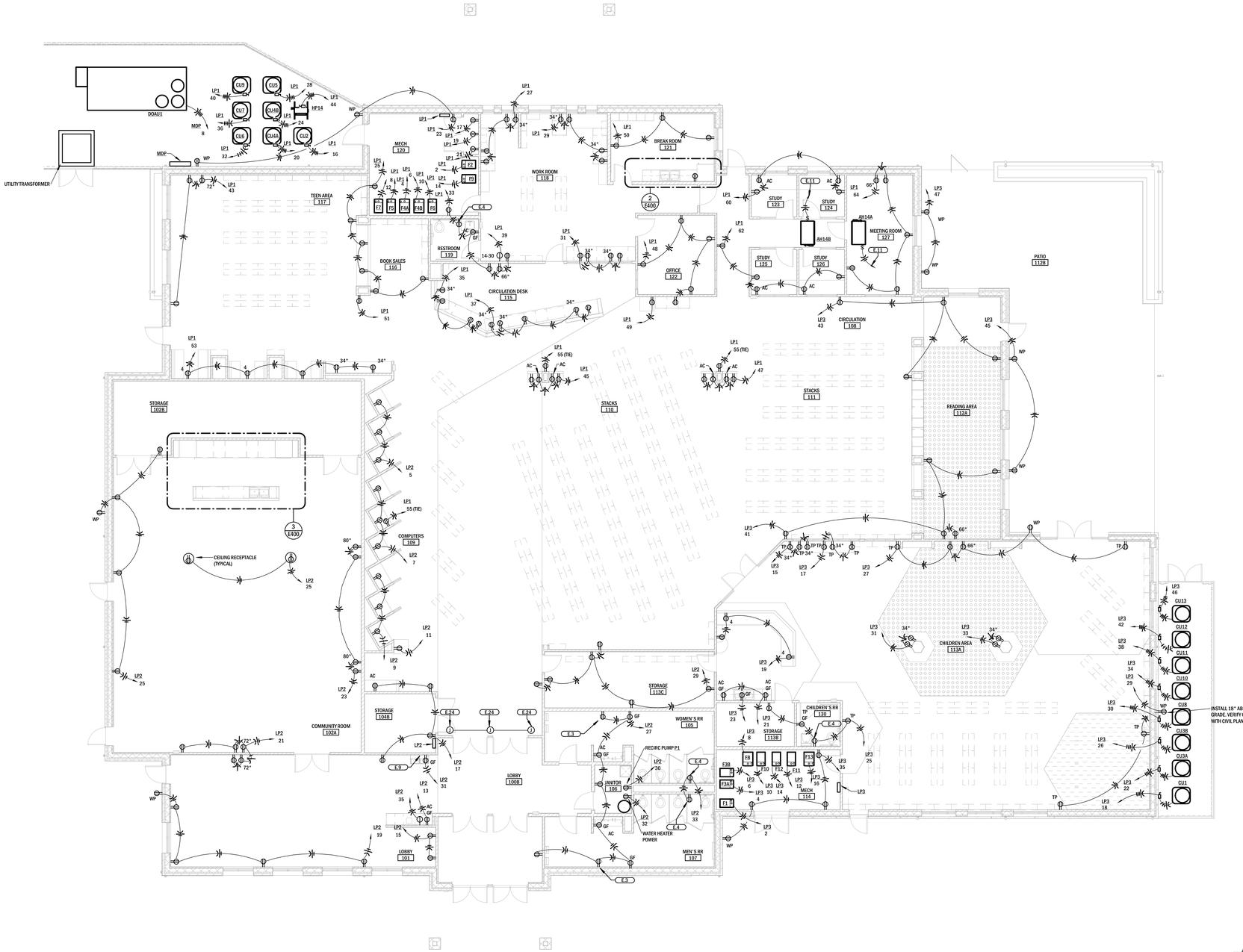
2	BY SUBMITTING A BID THE CONSTRUCTION MANAGER AT RISK IS INDICATING THAT THEY ARE FAMILIAR WITH ALL ELEMENTS OF THE PROJECT REQUIRED FOR COMPLETION OF THE PROJECT AND ARE WHOLLY FAMILIAR WITH THE SYSTEMS SPECIFIED IN THIS PLAN SET AND SPECIFICATIONS. THE CONSTRUCTION MANAGER AT RISK IS RESPONSIBLE FOR PROVIDING A COMPLETE, FUNCTIONAL PROJECT. NO EXTRAS WILL BE PAID FOR NEGLECTING TO PROVIDE ALL UTILITY CONNECTIONS AND ACCESSORIES FOR PROJECT TO BE COMPLETELY OPERATIONAL. (EXAMPLE: CONTRACTOR SHALL PROVIDE GAS PIPING AND VENT AND INTAKE PIPING TO A WATER HEATER IF A GAS WATER HEATER WAS SPECIFIED/ BID.)
3	IN NO CASE SHALL THE CONTRACTOR PROVIDE OR EXCLUDE PROJECT COMPONENTS THAT WOULD RENDER THE PROJECT IN CONFLICT WITH CODE REQUIREMENTS, INCOMPLETE OR NON-FUNCTIONAL IN ANY WAY. IF THE CONTRACTOR REQUIRES ADDITIONAL INFORMATION OR CLARIFICATION FOR AREAS IN WHICH THEY BELIEVE INSUFFICIENT INFORMATION IS PROVIDED, REQUEST FOR THAT INFORMATION FROM THE DESIGN TEAM SHALL BE SUBMITTED PRIOR TO SUBMITTING BID.

KEYNOTES

E.3	HAND DRYER POWER CONNECTION. COORDINATE LOCATION AND DEVICE TYPE WITH HAND DRYER SUPPLIER.
E.4	INSTALL RECEPTACLE ABOVE CEILING FOR CONNECTION TO PLUMBING FIXTURE TRANSFORMER. PROVIDE LOW VOLTAGE WIRING FROM TRANSFORMER TO EACH AUTOMATICALLY ACTUATED PLUMBING FIXTURE.
E.9	RECESS DEVICE IN CABINET OF WATER COOLER.
E.11	WIRE THROUGH ASSOCIATED HEAT PUMP
E.24	JUNCTION BOX FOR FUTURE BOOK IR GATE POWER. ROUTE CONDUIT IN FLOOR BETWEEN BOXES AND UP IN WALL TO ABOVE CEILING IN STORAGE ROOM.



1 ELECTRICAL PLAN

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

NORTH

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SHEET NUMBER: **E200**
POWER PLAN

PROJECT NUMBER: 19-556

DATE: 06/11/21

PROJECT DESCRIPTION:
MONETT LIBRARY BRANCH 19-556
2200 PARK STREET
MONETT, MO. 65708

PROJECT ENGINNER: AJW
DRAWN BY: AJW
CHECKED BY: BBP

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1201 South Campbell / Springfield, MO 65807
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NOTES TO BIDDERS

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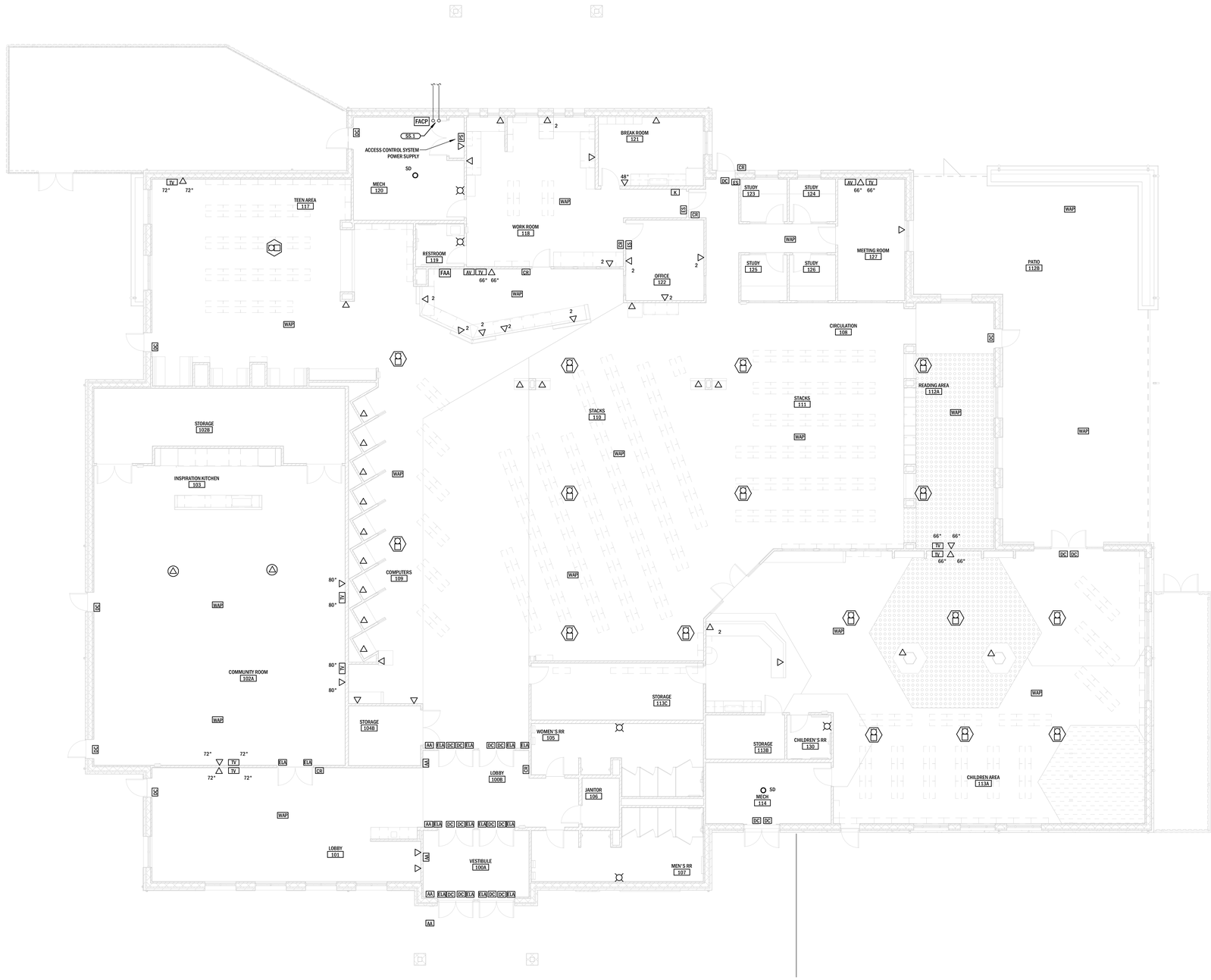
KEYNOTES

SS.1	COMMUNICATIONS CONDUIT UP THROUGH FLOOR. SEE SITE PLAN FOR CONTINUATION.



1 SPECIAL SYSTEMS PLAN

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

NORTH

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PROJECT DESCRIPTION:
MONETT LIBRARY BRANCH 19-556

SHEET NUMBER: **E300**
SPECIAL SYSTEMS PLAN

PROJECT NUMBER: 19-556
2200 PARK STREET
MONETT, MO. 65708

DATE: 06/11/21
PROJECT ENGINEER: A.J.W
DRAWN BY: A.J.W
CHECKED BY: B.M.P

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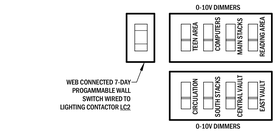
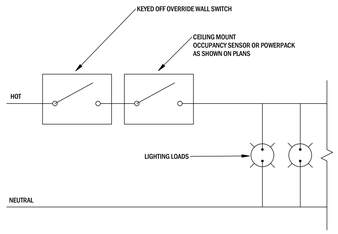


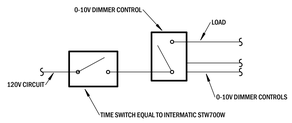
LIBRARY MAIN LIGHTING SWITCH BANK DETAIL

16 Scale: NTS



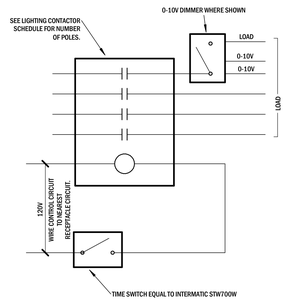
OFF OVERRIDE WIRING DIAGRAM

15 Scale: NTS



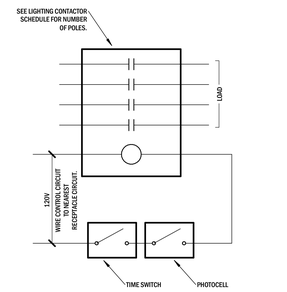
SINGLE CIRCUIT LIGHTING CONTROL DETAIL

14 Scale: NTS



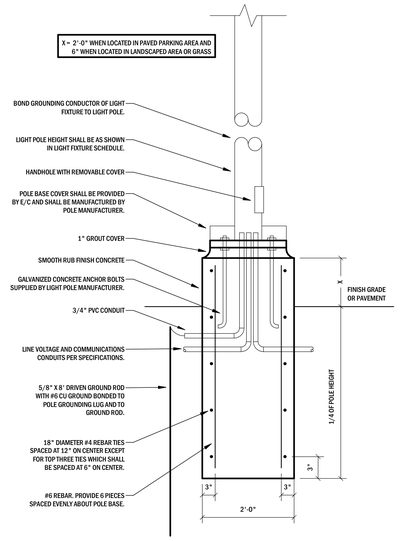
STACKS LIGHTING CONTROL DETAIL

13 Scale: NTS



EXTERIOR LIGHTING CONTROL DETAIL

12 Scale: NTS



LIGHT POLE DETAIL

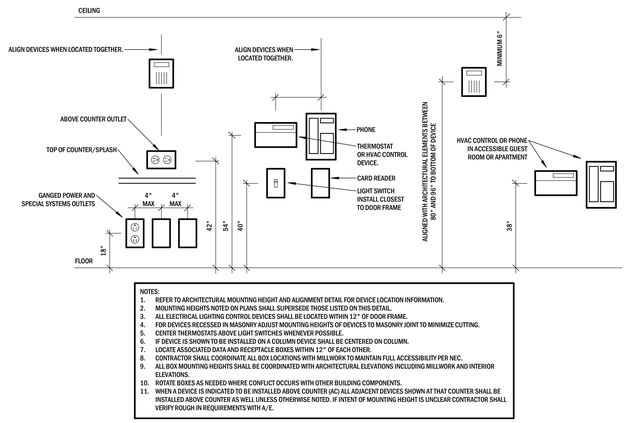
11 Scale: NTS

NOTES:

1. PROVIDE ALL POWER SUPPLIES REQUIRED FOR OPERATION OF ALL DEVICES SHOWN ON PLANS AND INSTALLED AS PART OF FULLY FUNCTIONAL AND CODE COMPLIANT SYSTEM. ALL 120V POWER CIRCUITS REQUIRED FOR OPERATION OF SYSTEM SHALL BE PROVIDED BY FIRE ALARM CONTRACTOR WHERE NOT ALREADY INDICATED ON PLANS AND SHALL BE INCLUDED IN BASE BID.
2. ALL FIRE ALARM EQUIPMENT SHALL BE BY THE SAME MANUFACTURER.
3. WHERE BUILDING IS EQUIPPED WITH AUTOMATIC SPRINKLER SYSTEM QUANTITY OF FLOW SWITCHES AND TAMPER SWITCHES SHALL BE COORDINATED WITH FIRE PROTECTION SYSTEM INSTALLER. WHERE INSTALLED AS PART OF AN ADDRESSIBLE SYSTEM, EACH FLOW AND TAMPER SWITCH SHALL BE MONITORED BY AN INDIVIDUAL MODULE.
4. SOUND PRESSURE LEVELS AND CANDELA LEVELS OF ALL ANNUNCIATION DEVICES SHALL BE PROVIDED IN ACCORDANCE WITH NFPA 72 AS REQUIRED FOR COMPLETE COVERAGE OF BUILDING.
5. WHERE THE BUILDING IS EQUIPPED WITH DOOR HOLD OPENS, PROVIDE SMOKE DETECTORS ON EITHER SIDE OF THE FIRE DOORS. SYSTEM SHALL RELEASE HOLD OPENS UPON INITIATION OF FIRE ALARM SYSTEM AND SMOKE DETECTION AT SMOKE DETECTORS ASSOCIATED WITH FIRE DOOR.
6. WHERE A ZONED FIRE ALARM SYSTEM IS REQUIRED BY THE SPECIFICATIONS, PROVIDE SEPARATE ZONES FOR EACH TYPE OF INITIATION DEVICE.

FIRE ALARM DETAIL

10 Scale: NTS

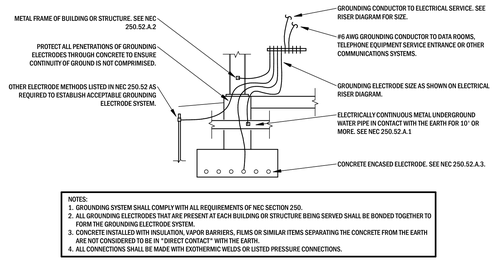


NOTES:

1. REFER TO ARCHITECTURAL MOUNTING HEIGHT AND ALIGNMENT DETAIL FOR DEVICE LOCATION INFORMATION.
2. MOUNTING HEIGHTS NOTED ON PLANS SHALL SUPERSEDE THOSE LISTED ON THIS DETAIL.
3. ALL ELECTRICAL LIGHTING CONTROL DEVICES SHALL BE LOCATED WITHIN 12" OF DOOR FRAME.
4. FOR DEVICES RECESSED IN MASONRY ADJUST MOUNTING HEIGHTS OF DEVICES TO MASONRY JOINT TO MINIMIZE CUTTING.
5. CENTER THERMOSTATS ABOVE LIGHT SWITCHES WHENEVER POSSIBLE.
6. IF DEVICE IS SHOWN TO BE INSTALLED ON A COLUMN DEVICE SHALL BE CENTERED ON COLUMN.
7. LOCATE ASSOCIATED DATA AND RECEPTACLE BOXES WITHIN 12" OF EACH OTHER.
8. CONTRACTOR SHALL COORDINATE ALL BOX LOCATIONS WITH MILLWORK TO MAINTAIN FULL ACCESSIBILITY PER NEC.
9. ALL BOX MOUNTING HEIGHTS SHALL BE COORDINATED WITH ARCHITECTURAL ELEVATIONS INCLUDING MILLWORK AND INTERIOR ELEVATIONS.
10. ROTATE BOXES AS NEEDED WHERE CONFLICT OCCURS WITH OTHER BUILDING COMPONENTS.
11. WHEN A DEVICE IS INDICATED TO BE INSTALLED ABOVE COUNTER (AC) ALL ADJACENT DEVICES SHOWN AT THAT COUNTER SHALL BE INSTALLED ABOVE COUNTER AS WELL UNLESS OTHERWISE NOTED. IF INTENT OF MOUNTING HEIGHT IS UNCLEAR CONTRACTOR SHALL VERIFY ROUGH IN REQUIREMENTS WITH A/E.

ELECTRICAL DEVICE HEIGHT DETAIL

9 Scale: NTS

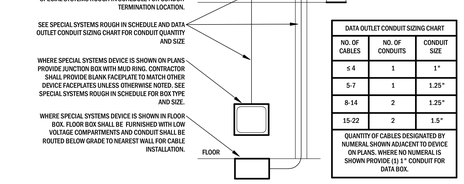


NOTES:

1. GROUNDING SYSTEM SHALL COMPLY WITH ALL REQUIREMENTS OF NEC SECTION 250.
2. ALL GROUNDING ELECTRODES THAT ARE PRESENT AT EACH BUILDING OR STRUCTURE BEING SERVED SHALL BE BONDED TOGETHER TO FORM THE GROUNDING ELECTRODE SYSTEM.
3. CONCRETE INSTALLED WITH INSULATION, VAPOR BARRIERS, FILMS OR SIMILAR ITEMS SEPARATING THE CONCRETE FROM THE EARTH ARE NOT CONSIDERED TO BE IN "DIRECT CONTACT" WITH THE EARTH.
4. ALL CONNECTIONS SHALL BE MADE WITH EXOTHERMIC WELDS OR LISTED PRESSURE CONNECTIONS.

GROUNDING DETAIL

8 Scale: NTS

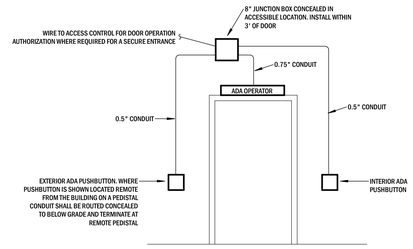


DATA OUTLET CONDUIT SIZING CHART		
NO. OF CABLES	NO. OF CONDUITS	CONDUIT SIZE
≤ 4	1	1"
5-7	1	1.25"
8-14	2	1.25"
15-22	2	1.5"

QUANTITY OF CABLES DESIGNATED BY NUMERAL SHOWN ADJACENT TO DEVICE ON PLANS. WHERE NO NUMERAL IS SHOWN PROVIDE (1) 1" CONDUIT FOR DATA BOX.

DATA ROUGH IN DETAIL

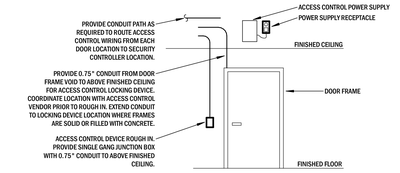
7 Scale: NTS



EACH PROJECT INCLUDES VARYING DOOR CONFIGURATIONS. PROVIDE DEVICES AS REQUIRED FOR DOOR CONFIGURATION INDICATED ON PLANS. SEE MEP PLANS AND ARCHITECTURAL PLANS TO VERIFY FULL SCOPE OF DOOR HARDWARE. REMOVE UNUSED DEVICES INSTALLED ON EXTERIOR DOORS.

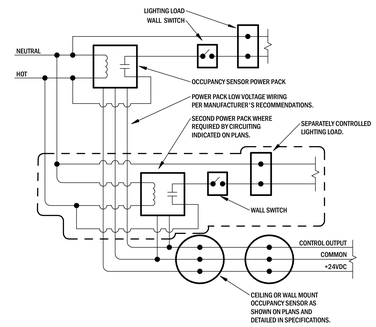
ADA PUSHBUTTON WIRING DETAIL

6 Scale: NTS



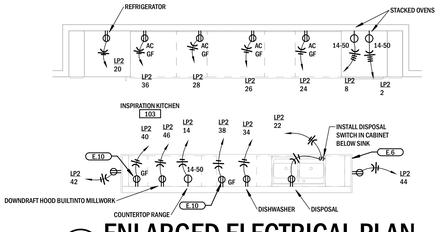
ACCESS CONTROL ROUGH IN DETAIL

5 Scale: NTS



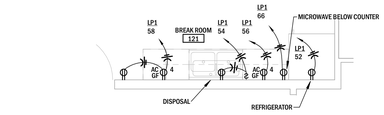
OCCUPANCY SENSOR POWER PACK WIRING

4 Scale: NTS



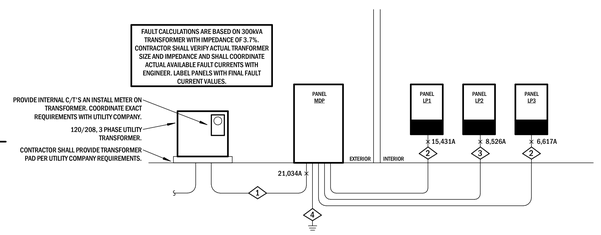
ENLARGED ELECTRICAL PLAN

3 Scale: 1/4" = 1'-0"



ENLARGED ELECTRICAL PLAN

2 Scale: 1/4" = 1'-0"



ELECTRICAL RISER DIAGRAM

1 Scale: NTS

FEEDER SCHEDULE	
1	5 SETS OF 4-#3/0 EACH IN 2" CONDUIT.
2	2 SETS OF 3 - #3/0 AND 1 - #3 GROUND EACH IN 2" CONDUIT.
3	3 - #3/0 AND 1 - #6 GROUND IN 2" CONDUIT.
4	#3/0 GROUNDING ELECTRODE

NOTES TO BIDDERS

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KEYNOTES

E.6	ROUTE CONDUIT INSLAB TO WALL BEHIND BACK COUNTER AND UP TO ABOVE CEILING
E.10	INSTALL DEVICE IN COUNTERTOP.

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www.paragonarchitecture.com

PROJECT DESCRIPTION: MONETT LIBRARY BRANCH 19-556

SHEET NUMBER: **E400** ELECTRICAL DETAILS

PROJECT NUMBER: 19-556

DATE: 06/11/21

2200 PARK STREET
MONETT, MO. 65708

PROJECT ENGINEER: AJW
DRAWN BY: AJW
CHECKED BY: BRP

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LOW VOLTAGE RESPONSIBILITY MATRIX

SCOPE ITEM	CONTRACTOR		OWNER	
	FURNISH	INSTALL	FURNISH	INSTALL
DATA CABLE			X	X
TELEPHONE CABLE			X	X
TELEPHONE			X	X
HDMI CABLES			X	X
FLAT PANEL TVS AND MOUNTS		X	X	
WIRELESS ACCESS POINT			X	X
DATA EQUIPMENT RACKS			X	X
CABLING RACK MOUNTED PATCH PANELS			X	X
NETWORK SWITCHES			X	X
NETWORK SWITCH CONFIGURATION			X	X
RACK MOUNT UPS			X	X
SECURITY CAMERA CABLES			X	X
SECURITY CAMERAS AND NVR			X	X
ACCESS CONTROL WIRING			X	X
ACCESS CONTROL DEVICES AND EQUIPMENT			X	X
ACCESS CONTROL CONFIGURATION			X	X

1. CONTRACTOR SHALL PROVIDE TERMINATION DEVICE, WALL OUTLET AND FACEPLATE FOR ALL CABLES.
2. IN THE EVENT OF A CONFLICT, SCOPE DESCRIBED IN THIS MATRIX SHALL SUPERCEDE SCOPE INDICATED ELSEWHERE IN CONTRACT DOCUMENTS. CONTRACTOR SHALL NOTIFY A/E OF ANY DISCREPANCIES PRIOR TO BID.
3. CONFIGURATION OF EQUIPMENT AS DIRECTED BY OWNER SHALL BE INCLUDED IN SCOPE TO INSTALL EQUIPMENT EXCEPT WHERE NOTED ABOVE.

Interpres

SPECIAL SYSTEMS ROUGH IN SCHEDULE

SYMBOL	DEVICE DESCRIPTION	CONDUIT QTY/ SIZE	JUNCTION BOX	MUD RING	OUTLET TYPE	CABLE TYPE	CONDUIT TERM LOC	PLENUM RATED	NOTES
▽	DATA OUTLET	SEE CHART ON ROUGH IN DETAIL	DOUBLE GANG	SINGLE GANG	BY OTHERS	BY OTHERS	ABOVE ACCESSIBLE CEILING	--	--
▼	TELEPHONE OUTLET	(1)/0.75"	SINGLE GANG	SINGLE GANG	BY OTHERS	BY OTHERS	ABOVE ACCESSIBLE CEILING	--	--
CR	ACCESS CONTROL CARD READER	(1)/0.75"	SINGLE GANG	SINGLE GANG	BY OTHERS	BY OTHERS	ABOVE ACCESSIBLE CEILING	--	--
ES	ACCESS CONTROL ELECTRIC STRIKE	(1)/0.75"	NONE	N/A	BY OTHERS	BY OTHERS	ABOVE ACCESSIBLE CEILING	--	1
EDA	ELECTRIC DOOR LOCK ACTUATOR	(1)/0.75"	NONE	N/A	BY OTHERS	BY OTHERS	ABOVE ACCESSIBLE CEILING	--	1
PS	ACCESS CONTROL POWER SUPPLY	(1)/0.75"	NONE	N/A	BY OTHERS	BY OTHERS	ABOVE ACCESSIBLE CEILING	--	1
WAP	WIRELESS ACCESS POINT	(1)/0.75"	SINGLE GANG	SINGLE GANG	BY OTHERS	BY OTHERS	ABOVE ACCESSIBLE CEILING	--	--
AV	A/V INPUT	(2)/1.25"	DOUBLE GANG	SINGLE GANG	BY OTHERS	BY OTHERS	ABOVE ACCESSIBLE CEILING	--	--
TV	TV	(2)/1.25"	DOUBLE GANG	SINGLE GANG	BY OTHERS	BY OTHERS	ABOVE ACCESSIBLE CEILING	--	--
K	SECURITY KEYPAD	(1)/0.75"	SINGLE GANG	SINGLE GANG	BY OTHERS	BY OTHERS	ABOVE ACCESSIBLE CEILING	--	--
M	SECURITY MOTION DETECTOR	(1)/0.75"	SINGLE GANG	SINGLE GANG	BY OTHERS	BY OTHERS	ABOVE ACCESSIBLE CEILING	--	--
GBS	SECURITY GLASS BREAK SENSOR	(1)/0.75"	SINGLE GANG	SINGLE GANG	BY OTHERS	BY OTHERS	ABOVE ACCESSIBLE CEILING	--	--
DC	DOOR CONTACT	(1)/0.75"	NONE	N/A	BY OTHERS	BY OTHERS	ABOVE ACCESSIBLE CEILING	--	1
CAM	CAMERA	(1)/0.75"	SINGLE GANG	SINGLE GANG	BY OTHERS	BY OTHERS	ABOVE ACCESSIBLE CEILING	--	--
AA	ADA PUSHBUTTON	(1)/0.75"	SINGLE GANG/AS REQUIRED	SINGLE GANG/AS REQUIRED	PER MANUFACTURER	PER MANUFACTURER	REFERENCE DETAIL	YES	1

NOTES:
1. STUB CONDUIT INTO DOOR FRAME TO ACCOMODATE WIRING CONNECTION TO ASSOCIATED DEVICE.

ABBREVIATIONS:
COAX - COAXIAL CABLE
QTY - QUANTITY
TERM - TERMINATION
LOC - LOCATION

Interpres

LIGHTING CONTACTOR SCHEDULE

MARK	EQUIPMENT SERVED	AMP	POLES	TYPE	ENCL.	COIL VOLTAGE	ACCESSORIES
LC1	EXTERIOR LIGHTS	30	8	NOEH	NEMA1	120	-
LC2	MAIN AREA LIGHTS	30	12	NOEH	NEMA1	120	-
LC3	CHILDRENS AREA LIGHTS	30	8	NOEH	NEMA1	120	-

ABBREVIATIONS:
ENCL: ENCLOSURE
NCEH: NORMALLY CLOSED ELECTRONICALLY HELD
NCMH: NORMALLY CLOSED MECHANICALLY HELD
NOEH: NORMALLY OPEN ELECTRONICALLY HELD
NOMH: NORMALLY OPEN MECHANICALLY HELD

Interpres

TIMESWITCH SCHEDLE

MARK	TS1			
MANUFACTURER	INTERMATIC			
MODEL NUMBER	ETK015C			
TYPE	SPST			
AMP	30			
POLES	1			
ENCLOSURE	NEMA1			
EQUIP SERVED	EXT LIGHTS			
WATTS	500			
VOLT	120/1			
ACCESSORIES	--			

ABBREVIATIONS:
SPST: SINGLE POLE SINGLE THROW
DPST: DOUBLE POLE SINGLE THROW
WPB: WEATHERPROOF BOX

Interpres

PHOTOCELL SCHEDLE

MARK	PC1			
MANUFACTURER	INTERMATIC			
MODEL NUMBER	EK4136S			
TYPE	DPST			
AMP	30			
POLES	2			
ENCLOSURE	NEMA1			
EQUIP SERVED	EXT LIGHTS			
WATTS	1650			
VOLT	208/1			
ACCESSORIES	WPB			

ABBREVIATIONS:
SPST: SINGLE POLE SINGLE THROW
DPST: DOUBLE POLE SINGLE THROW
WPB: WEATHERPROOF BOX

Interpres

LIGHT FIXTURE SCHEDULE

MARK	MANUFACTURER	CATALOG NUMBER	FIXTURE DESCRIPTION	MOUNTING	COLOR	LAMPS				FIXTURE LUMENS	FIXTURE WATTAGE	VOLTAGE	EQUIVALENT	NOTES
						TYPE	COLOR TEMP	QUANTITY	CRI					
A	WILLIAMS	LT-24-L82/835-AF-DIM-UNV	2X4 DECORATIVE, CURVED CENTER LENS, DIMMABLE	REC	WHITE	LED	3500K	--	80	8200	65	UNV	AC,CO,HU,PH	-
AE	WILLIAMS	LT-24-L82/835-EM/ 10W-AF-DIM-UNV	2X4 DECORATIVE, CURVED CENTER LENS, DIMMABLE, EMERGENCY	REC	WHITE	LED	3500K	--	80	8200	65	UNV	AC,CO,HU,PH	-
B	WILLIAMS	LT-22-L49/835-AF-DIM-UNV	2X2 DECORATIVE, CURVED CENTER LENS, DIMMABLE	REC	WHITE	LED	3500K	--	80	4800	38	UNV	AC,CO,HU,PH	-
CC	FINELITE	HPX-R-D-34'-B-835-F-120-SC-FC-10%-SF-SW	ANGLED RECESSED FIXTURE OVER CIRC DESK -28'	REC	WHITE	LED	3500K	--	80	--	--	UNV	AC,CO,HU,PH	-
D	WILLIAMS	MX4IR-TR-4'-L15-8-35-F-DIM-UNV	RECESSED LINEAR FIXTURE, 4 " APERATURE, 4' LENGTH	REC	WHITE	LED	3500K	--	80	6000	56	UNV	AC,CO,HU,PH	-
E	COOPER	APEL	2 LAMP EMERGENCY LIGHT FIXTURE	SUR	WHITE	LED	---	--	-	-	-	UNV	AC,WI,HU,PH	-
F1	FINELITE	E2-ID-C-3'-x4'-B-H-835-TG-F-96LG-120-SC-APC-C4	3X4 RECTANGULAR SUSPENDED FIXTURE	CABLE	WHITE	LED	3500K	--	80	9086	98	UNV	AC,CO,HU,PH	-
F2	FINELITE	E2-ID-C-2'-x3'-B-H-835-TG-F-96LG-120-SC-APC-C4	2X3 RECTANGULAR SUSPENDED FIXTURE	CABLE	WHITE	LED	3500K	--	80	6490	70	UNV	AC,CO,HU,PH	-
F3	FINELITE	E2-ID-C-1'-x2'-B-H-835-TG-F-96LG-120-SC-APC-C4	3X4 RECTANGULAR SUSPENDED FIXTURE	CABLE	WHITE	LED	3500K	--	80	3894	42	UNV	AC,CO,HU,PH	-
G	WILLIAMS	4CR-L15/835-BLK-DIM-UNV-L-W-CS-PM	PENDENT MOUNT CYLINDER	STEM	WHITE	LED	3500K	--	80	1900	25	UNV	AC,CO,HU,PH	-
H	WILLIAMS	4DS-L20-835-DIM-UNV-R-W-OF-WH	4" SQUARE CAN LIGHT	REC	WHITE	LED	3500K	--	80	1900	25	UNV	AC,CO,HU,PH	-
J	WILLIAMS	LP-24-L50-835-DIM-UNV	2x4 EDGE LIT FLAT PANEL	REC	WHITE	LED	3500K	--	80	4900	49	UNV	AC,CO,HU,PH	-
K	WILLIAMS	7SS-4-L50/835-DRV-UNV	4' LENSED STRIP WITH SQUARE LENS	SUR	WHITE	LED	3500K	--	80	5500	44	120	AC,CO,HU,PH	-
L	WILLIAMS	LP-22-L50-835-DIM-UNV	2x2 EDGE LIT FLAT PANEL	REC	WHITE	LED	3500K	--	80	4900	40	UNV	AC,CO,HU,PH	-
M	WILLIAMS	MX4WUD-2-L8/835-L8/835-S-A-DRV-UNV	2' WALL MOUNT LINEAR, UP DOWN LIGHTING	SUR	WHITE	LED	3500K	--	80	3200	31	UNV	AC,CO,HU,PH	-
N	TERON	CTD-Y-L20.5-ZE640-UNV-0-10-TB-40K-SCV	EXTERIOR WALL SCONCE, ADA	SUR	BLACK	LED	4000K	--	80	2600	21	UNV	AC,CO,HU,PH	-
P	WILLIAMS	2DS-L15/840-DIM-UNV-L-N-OF-CS-WET/CC-R	2" CAN, EXTERIOR CANOPY, PAINTED FLANGE COLOR, NARROW BEAM	REC	PAINT	LED	4000K	--	80	1200	28	UNV	AC,CO,HU,PH	1
PE	WILLIAMS	2DS-L15/840-EM/10W-DIM-UNV-L-N-OF-CS-WET/CC	2" CAN, EXTERIOR CANOPY, PAINTED FLANGE COLOR, NARROW BEAM, EMERG	REC	PAINT	LED	4000K	--	80	1200	28	UNV	AC,CO,HU,PH	1
PA	WILLIAMS	2DS-L15/840-DIM-UNV-AWW-OF-CS-WET/CC	2" CAN, EXTERIOR CANOPY, PAINTED FLANGE COLOR, NARROW BEAM	REC	PAINT	LED	4000K	--	80	1200	28	UNV	AC,CO,HU,PH	1
R	WILLIAMS	4DS-L30-840-DIM-UNV-R-W-OF-CS-PAINT	4" CAN, EXTERIOR CANOPY, WIDE BEAM, PAINTED FLANGE	REC	PAINT	LED	4000K	--	80	3000	36	UNV	AC,CO,HU,PH	1
RE	WILLIAMS	4DS-L30-840-EM/ 10W-DIM-UNV-R-W-OF-CS-PAINT	4" CAN, EXTERIOR CANOPY, WIDE BEAM, PAINTED FLANGE	REC	PAINT	LED	4000K	--	80	3000	36	UNV	AC,CO,HU,PH	1
S	COOPER	GLEON-SAB-C-740-U-T3R-BK	POLE LIGHT, 25' POLE, BLACK, 4" SQUARE STRAIGHT STEEL POLE	POLE	BLACK	LED	4000K	--	70	56000	448	UNV	AC,CO,HU,PH	2
T	WILLIAMS	1SF-2-L12-835-AF12125-DRV-UNV	UNDER CABINET, SOLID FRONT, LENSED	SUR	WHITE	LED	3500K	--	80	1200	12	UNV	AC,CO,HU,PH	-
U	COOPER	L80815NF9035MB	TRACK LIGHTING FIXTURE	SUR	WHITE	LED	3500K	--	90	1500	21	UNV	AC,WI,HU,PH	-
X	WILLIAMS	EXIT-R-EM-WHT	UNIV EXIT SIGN, SINGLE OR DBL FACE AS SHOWN ON PLAN	UNIV	WHITE	LED	--	--	--	--	--	UNV	AC,CO,HU,PH	-

NOTES:
1. PAINT FIXTURE FLANGE TO MATCH CANOPY FINISH COLOR.
2. PROVIDE 25' SQUARE STRAIGHT STEEL POLE FACTORY PAINTED TO MATCH FIXTURE FINISH.

ABBREVIATIONS:
AC: ACUITY LIGHTING PRODUCTS
CO: COOPER LIGHTING PRODUCTS
FP: FOCAL POINT
HU: HUBBELL LIGHTING PRODUCTS
PH: PHILLIPS
SL: SURE LIGHTS
WI: WILLIAMS

ABBREVIATIONS:
CFL: COMPACT FLUORESCENT
CRI: COLOR RENDERING INDEX
MTG: MOUNTING
REC: RECESSED
SUR: SURFACE
GND: GROUND
EQUIV: EQUIVALENT

ABBREVIATIONS:
MFG: MANUFACTURER
QTY: QUANTITY
FLR: FLUORESCENT
INC: INCANDESCENT
HID: HIGH INTENSITY DISCHARGE
UNV: UNIVERSAL

Interpres

ELECTRICAL SYMBOLS

	120V, 20A DUPLEX RECEPTACLE
	DEVICE MOUNTED IN FLOOR BOX. REFERENCE SPECIFICATIONS
	DEVICE MOUNTED IN BOX AT CEILING OR IN STRUCTURE
NEMA#	VOLTAGE AND AMPERAGE CORRESPONDING TO NEMA NUMBER SHOWN
AC	DEVICE INSTALLED ABOVE COUNTER
GF	GROUND FAULT CIRCUIT INTERRUPTER RECEPTACLE
WR	WEATHER PROOF WHILE IN USE COVER AND GROUND FAULT CIRCUIT INTERRUPTER RECEPTACLE
TP	TAMPER PROOF RECEPTACLE
4	120, 20A QUADPLEX RECEPTACLE
▽	DATA DEVICE
	CONCEALED SERVICE FLOOR BOX WITH DEVICE SHOWN
S	SURFACE SERVICE FLOOR BOX WITH DEVICE SHOWN
F	FIRE RATED POKE THROUGH, SURFACE SERVICE FLOOR BOX WITH DEVICE SHOWN
	FIRE ALARM VISUAL STROBE
	FIRE ALARM AUDIBLE VISUAL HORN STROBE
	CEILING FIRE ALARM AUDIBLE VISUAL HORN STROBE
FAM	REMOTE FIRE ALARM ANNUNCIATOR
FACP	MAIN FIRE ALARM PANEL
D	MAGNETIC DOOR HOLD OPEN
F	FIRE ALARM MANUAL PULL STATION
SD	SMOKE DETECTOR
HD	HEAT DETECTOR
DSD	DUCT SMOKE DETECTOR
$	LIGHT SWITCH
$2	2 POLE 20A, 240/277, SWITCH
$3	3 WAY LIGHT SWITCH
$4	4 WAY LIGHT SWITCH
$K	KEYED LIGHT SWITCH
$OC	WALL MOUNT OCCUPANCY SENSOR
$D	DIMMER SWITCH 0-10V OR LINE VOLTAGE AS REQUIRED FOR FIXTURE
$T	LOW VOLTAGE SWITCH FOR CONNECTION TO OCCUPANCY SENSOR OR POWER PACK
$T	WEB CONNECTED TIME SWITCH WITH INTEGREATED ON/OFF CONTROL
OSPP	OCCUPANCY SENSOR LIGHTING CONTROL POWER PACK
CMLVOC	CEILING MOUNT LOW VOLTAGE OCCUPANCY SENSOR
CMLNOC	CEILING MOUNT LINE VOLTAGE OCCUPANCY SENSOR
WMLVOC	WALL MOUNT LOW VOLTAGE OCCUPANCY SENSOR
	ROUGH-IN FOR WALL MOUNT THERMOSTAT. COORDINATE WITH MECHANICAL DRAWINGS
	DISCONNECT SWITCH
T	TIMESWITCH
P	PHOTOCELL
LC	LIGHTING CONTACTOR
	EMERGENCY LIGHT. WALL MOUNTED WHEN SHOWN TOUCHING WALL
	PENDANT LIGHT FIXTURE. SIZES VARY
	RECESSED CAN LIGHT
	SURFACE MOUNT OR SUSPENDED LINEAR FIXTURE
	RECESSED LINEAR FIXTURE
N	INDICATES NIGHT LIGHT FIXTURE
OHE	OVERHEAD ELECTRICAL CONDUCTOR
UGE	UNDERGROUND ELECTRICAL CONDUCTOR
COMM	COMMUNICATIONS CONDUIT/CABLING

ABBREVIATIONS

60"	DIMENSIONS NEXT TO ANY SYMBOL OR FIXTURE INDICATES MOUNTING HEIGHT TO CENTERLINE OF DEVICE
AC	ABOVE COUNTER
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
ASC	AVAILABLE SHORT CIRCUIT CURRENT
GFCI	GROUND FAULT CURRENT INTERRUPTER
OFCI	OWNER FURNISHED CONTRACTOR INSTALLED
(TIE)	REPRESENTS PARTIAL HOMERUN WITH REST OF CONNECTED DEVICES LOCATED ELSEWHERE ON PLANS

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MISSOURI STATE CERTIFICATE OF AUTHORITY #E-2013013378

PROJECT DESCRIPTION:
MONETT LIBRARY BRANCH 19-556
2200 PARK STREET
MONETT, MO. 65708

PROJECT ENGINEER: AJW
DRAWN BY: AJW
CHECKED BY: BRP

SHEET NUMBER:
E500
ELECTRICAL SCHEDULES

PROJECT NUMBER:
19-556

DATE:
06/11/21

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CIRCUIT BREAKER PANEL SCHEDULE

CKT NO	LOAD DESCRIPTION	C/B AMPS	WIRE SIZE	C/B ACC	LOAD (VA)	A	B	C	LOAD (VA)	C/B ACC	WIRE SIZE	C/B AMPS	LOAD DESCRIPTION	CKT NO
1	EXTERIOR LTG	20	10		1400	2516			1116		12	20		F1 2
3	CHILDRENS LTG	20	12		750		1866		1116		12	20		F3A 4
5	CHILDRENS LTG	20	12		1400			2756	1356		12	20		F3B 6
7	SUPPORT LTG	20	12		560	2288			1728		12	20		F8 8
9	RESTROOM LTG	20	12		650		2006		1356		12	20		F10 10
11	PATIO LTG	20	12		850			2206	1356		12	20		F11 12
13	PATIO FANS	20	12		100	1216			1116		12	20		F12 14
15	COMPUTERS	20	12		600		2328		1728		12	20		F13 16
17	COMPUTERS	20	12		600			3200	2600	HACR	8	35		CU1 18
19	COUNTER RCPT	20	12		720	3320			2600		8	2		// 20
21	COUNTER RCPT	20	12		720		3320		2600	HACR	8	35		CU3A 22
23	DISPOSAL	20	12		240			2840	2600		8	2		// 24
25	RR RCPT	20	12		600	3550			2950	HACR	8	45		CU3B 26
27	CHLDRN STACK RCPT	20	12		240		3190		2950		8	2		// 28
29	CHLDRN STACK RCPT	20	12		240			4090	3850	HACR	6	60		CU8 30
31	TREE RCPT	20	12		240	4090			3850		6	2		// 32
33	TREE RCPT	20	12		240		3152		2912	HACR	8	45		CU10 34
35	MECH RCPT	20	12		360			3272	2912		8	2		// 36
37	MONUMENT SIGN	20	10		600	3512			2912	HACR	8	45		CU11 38
39	AREA LTG	20	8		600		3512		2912		8	2		// 40
41	READING RCPT	20	12		900			3396	2496	HACR	8	35		CU12 42
43	READING RCPT	20	12		900	3396			2496		8	2		// 44
45	PATIO RCPT	20	12		360		4208		3848	HACR	6	60		CU13 46
47	PATIO RCPT	20	12		360			4208	3848		6	2		// 48
49	SPARE	20										20		SPARE 50
51	SPARE	20										20		SPARE 52
53	SPARE	20										20		SPARE 54
						23888	23582	25968						

AIC RATING	6617
VOLTAGE	120/208
PHASE	3
AMPERAGE	400
MAIN CIRCUIT BREAKER	MLO
POLES	S4
ENCLOSURE	NEMA 1
PANEL TYPE	NQOD

LP3

244 MAXIMUM AMPS

SURGE PROTECTED

CIRCUIT BREAKER PANEL SCHEDULE

CKT NO	LOAD DESCRIPTION	C/B AMPS	WIRE SIZE	C/B ACC	LOAD (VA)	A	B	C	LOAD (VA)	C/B ACC	WIRE SIZE	C/B AMPS	LOAD DESCRIPTION	CKT NO
1	KITCHEN LTG	20	12		1600	6400			4800		8	50	OVEN	2
3	COFFEE LTG	20	12		700		5500		4800		8	3	//	4
5	COMPTERS	20	12		1200			6000	4800		8	3	//	6
7	COMPUTERS	20	12		1200	6000			4800		8	50	OVEN	8
9	COMPUTERS	20	12		1200		6000		4800		8	3	//	10
11	PRINTER	20	12		1000			5800	4800		8	3	//	12
13	COFFEE	20	12		240	5040			4800		8	50	RANGE	14
15	VENDING	20	12		600		5400		4800		8	3	//	16
17	GENEOLOGY	20	12		720			5520	4800		8	3	//	18
19	LOUNGE RCPT	20	12		720	1220			500		12	20	REFRIGERATOR	20
21	COMMUNITY RCPT	20	12		720		960		240		12	20	DISPOSAL	22
23	COMMUNITY RCPT	20	12		720			1440	720		12	20	COUNTER RCPT	24
25	COMMUNITY RCPT	20	12		720	1440			720		12	20	COUNTER RCPT	26
27	RESTROOM RCPT	20	12		540		1260		720		12	20	COUNTER RCPT	28
29	STORAGE RCPT	20	12		540			740	200		12	20	PUMP P1	30
31	WATER COOLER	20	12		240	480			240		12	20	WH1	32
33	SENSOR POWER	20	12		240		480		240		12	20	DISHWASHER	34
35	COFFEE MAKER	20	12					180	180		12	20	COUNTER RCPT	36
37	//	2	12			180			180		12	20	COUNTER RCPT	38
39	SPARE	20					180		180		12	20	COUNTER RCPT	40
41	SPARE	20						180	180		12	20	ISLAND SCPT	42
43	SPARE	20				180			180		12	20	ISLAND SCPT	44
45	SPARE	20					240		240		12	20	HOOD	46
47	SPARE	20										20	SPARE	48
49	SPARE	20										20	SPARE	50
51	SPARE	20										20	SPARE	52
53	SPARE	20										20	SPARE	54
55	SPARE	20										20	SPARE	56
57	SPARE	20										20	SPARE	58
59	SPARE	20										20	SPARE	60
61	SPARE	20										20	SPARE	62
63	SPARE	20										20	SPARE	64
65	SPARE	20										20	SPARE	66
67	SPARE	20										20	SPARE	68
69	SPARE	20										20	SPARE	70
71	SPARE	20										20	SPARE	72
73	SPARE	20										20	SPARE	74
75	SPARE	20										20	SPARE	76
77	SPARE	20										20	SPARE	78
79	SPARE	20										20	SPARE	80
81	SPARE	20										20	SPARE	82
83	SPARE	20										20	SPARE	84
						20940	20020	19860						

AIC RATING	8256
VOLTAGE	120/208
PHASE	3
AMPERAGE	225
MAIN CIRCUIT BREAKER	MLO
POLES	84
ENCLOSURE	NEMA 1
PANEL TYPE	NQOD

LP2

173 MAXIMUM AMPS

SURGE PROTECTED

CIRCUIT BREAKER PANEL SCHEDULE

CKT NO	LOAD DESCRIPTION	C/B AMPS	WIRE SIZE	C/B ACC	LOAD (VA)	A	B	C	LOAD (VA)	C/B ACC	WIRE SIZE	C/B AMPS	LOAD DESCRIPTION	CKT NO
1	PANEL LP1	400	RISER		29566	53454			23888		RISER	400	PANEL LP3	2
3	//	3	RISER		31096		54678		23582		RISER	3	//	4
5	//	3	RISER		28718			54686	25968		RISER	3	//	6
7	PANEL LP2	200	RISER		20940	40527			19587		3/0	200	DOAU 1	8
9	//	3	RISER		20020		39607		19587		3/0	3	//	10
11	//	3	RISER		19860			39447	19587		3/0	3	//	12
13	FUTURE SPACE												FUTURE SPACE	14
15	FUTURE SPACE												FUTURE SPACE	16
17	FUTURE SPACE												FUTURE SPACE	18
19	FUTURE SPACE												FUTURE SPACE	20
21	FUTURE SPACE												FUTURE SPACE	22
23	FUTURE SPACE												FUTURE SPACE	24
25	FUTURE SPACE												FUTURE SPACE	26
27	FUTURE SPACE												FUTURE SPACE	28
29	FUTURE SPACE												FUTURE SPACE	30
31	FUTURE SPACE												FUTURE SPACE	32
33	FUTURE SPACE												FUTURE SPACE	34
35	FUTURE SPACE												FUTURE SPACE	36
37	FUTURE SPACE												FUTURE SPACE	38
39	FUTURE SPACE												FUTURE SPACE	40
41	FUTURE SPACE												FUTURE SPACE	42
43	FUTURE SPACE												FUTURE SPACE	44
45	FUTURE SPACE												FUTURE SPACE	46
47	FUTURE SPACE												FUTURE SPACE	48
49	FUTURE SPACE												FUTURE SPACE	50
51	FUTURE SPACE												FUTURE SPACE	52
53	FUTURE SPACE												FUTURE SPACE	54
						93981	94285	94133						

AIC RATING	21034
VOLTAGE	120/208
PHASE	3
AMPERAGE	1200
MAIN CIRCUIT BREAKER	8000MCB
INCHES	63
ENCLOSURE	NEMA 3R
PANEL TYPE	I-LINE

MDP

708 MAXIMUM AMPS

SURGE PROTECTED

CIRCUIT BREAKER PANEL SCHEDULE

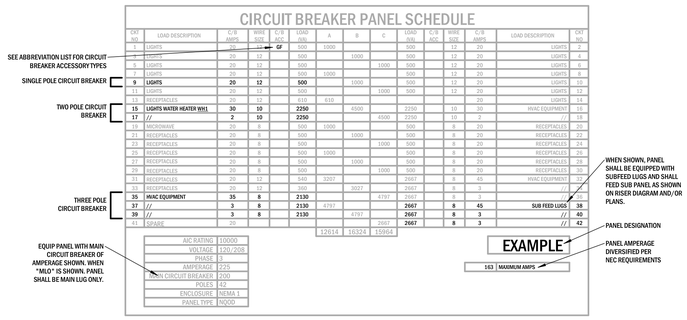
CKT NO	LOAD DESCRIPTION	C/B AMPS	WIRE SIZE	C/B ACC	LOAD (VA)	A	B	C	LOAD (VA)	C/B ACC	WIRE SIZE	C/B AMPS	LOAD DESCRIPTION	CKT NO
1	BOH LIGHTING	20	12		1050	2406			1356		12	20	F2	2
3	TEEN LIGHITING	20	12		1200		2928		1728		12	20	F4A	4
5	COMPUTERS LTG	20	12		950			2678	1728		12	20	F4B	6
7	CIRC LIGHTING	20	12		1700	3056			1356		12	20	F5	8
9	STACKS LIGHINTG	20	12		1200		2316		1116		12	20	F6	10
11	EAST STACKS LTG	20	12		1400			2756	1356		12	20	F7	12
13	STUDY LTG	20	12		500	1616			1116		12	20	F9	14
15	SOUTH STACKS LTG	20	12		900		3812		2912	HACR	8	45	CU2	16
17	FIRE PANEL	20	12		240			3152	2912		8	2	//	18
19	SECURITY RCPT	20	12		240	4088			3848	HACR	6	60	CU4A	20
21	DATA RCPT	20	12		240		4088		3848		6	2	//	22
23	CONV RCPT	20	12		360			4208	3848	HACR	6	60	CU4B	24
25	TEEN RCPT	20	12		720	4568			3848		6	2	//	26
27	WORK RCPT	20	12		720		3632		2912	HACR	8	45	CU5	28
29	WORK RCPT	20	12		720			3632	2912		8	2	//	30
31	WORK RCPT	20	12		720	2592			1872	HACR	12	20	CU6	32
33	CIRC RCPT	20	12		720		2592		1872		12	2	//	34
35	CIRC RCPT	20	12		720			3632	2912	HACR	8	45	CU7	36
37	CIRC RCPT	20	12		720	3632			2912		8	2	//	38
39	BOOK HEATER	30	8		1500		5140		3640	HACR	8	35	CU9	40
41	//	2	8		1500			5140	3640		8	2	//	42
43	TEEN RCPT	20	12		720	5088			4368	HACR	6	60	HP14	44
45	CUSTOMER RCPT	20	12		480		4848		4368		6	2	//	46
47	CUSTOMER RCPT	20	12		480			1200	720		12	20	OFFICE RCPT	48
49	COPIER	20	12		600	1140			540		12	20	BREAK RCPT	50
51	TEEN PAC	20	12		240		480		240	GF	12	20	BREAK FRIDGE	52
53	TEEN RCPT	20	12		720			960	240	GF	12	20	DISPOSAL	54
55	CLEANING CIRCUIT	20	12		480	1020			540		12	20	BREAK RCPT	56
57	SPARE	20					540		540		12	20	BREAK RCPT	58
59	SPARE	20						360	360		12	20	STUDY RCPT	60
61	SPARE	20				360			360		12	20	STUDY RCPT	62
63	SPARE	20					720		720		12	20	MEETING RCPT	64
65	SPARE	20						1000	1000		12	20	MICROWAVE	66
67	SPARE	20										20	SPARE	68
69	SPARE	20										20	SPARE	70
71	SPARE	20										20	SPARE	72
73	SPARE	20										20	SPARE	74
75	SPARE	20										20	SPARE	76
77	SPARE	20										20	SPARE	78
79	SPARE	20										20	SPARE	80
81	SPARE	20										20	SPARE	82
83	SPARE	20				29566	31096	28718				20	SPARE	84

AIC RATING	15431
VOLTAGE	120/208
PHASE	3
AMPERAGE	400
MAIN CIRCUIT BREAKER	MLO
POLES	84
ENCLOSURE	NEMA 1
PANEL TYPE	NQOD

LP1

288 MAXIMUM AMPS

SURGE PROTECTED



CIRCUIT BREAKER ACCESSORIES

GF	- GROUND FAULT CURRENT INTERRUPTER
LCK	- LOCKABLE CIRCUIT BREAKER
HACR	- RATED FOR USE WITH HVAC AND COMPRESSOR MOTOR LOADS
AF	- ARC FAULT INTERRUPTING TYPE CIRCUIT BREAKER
EX	- EXISTING
ST	- SHUNT TIP
NEW	- NEW CIRCUIT BREAKER INSTALLED IN EXISTING PANEL

1 PANEL SCHEDULE LEGEND

Scale: NTS

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PROJECT DESCRIPTION:
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2200 PARK STREET
MONETT, MO. 65708

PROJECT ENGINEER: AJW
DRAWN BY: AJW
CHECKED BY: BMP

SHEET NUMBER: **E501**
ELECTRICAL SCHEDULES

PROJECT NUMBER: 19-556

DATE: 06/11/21

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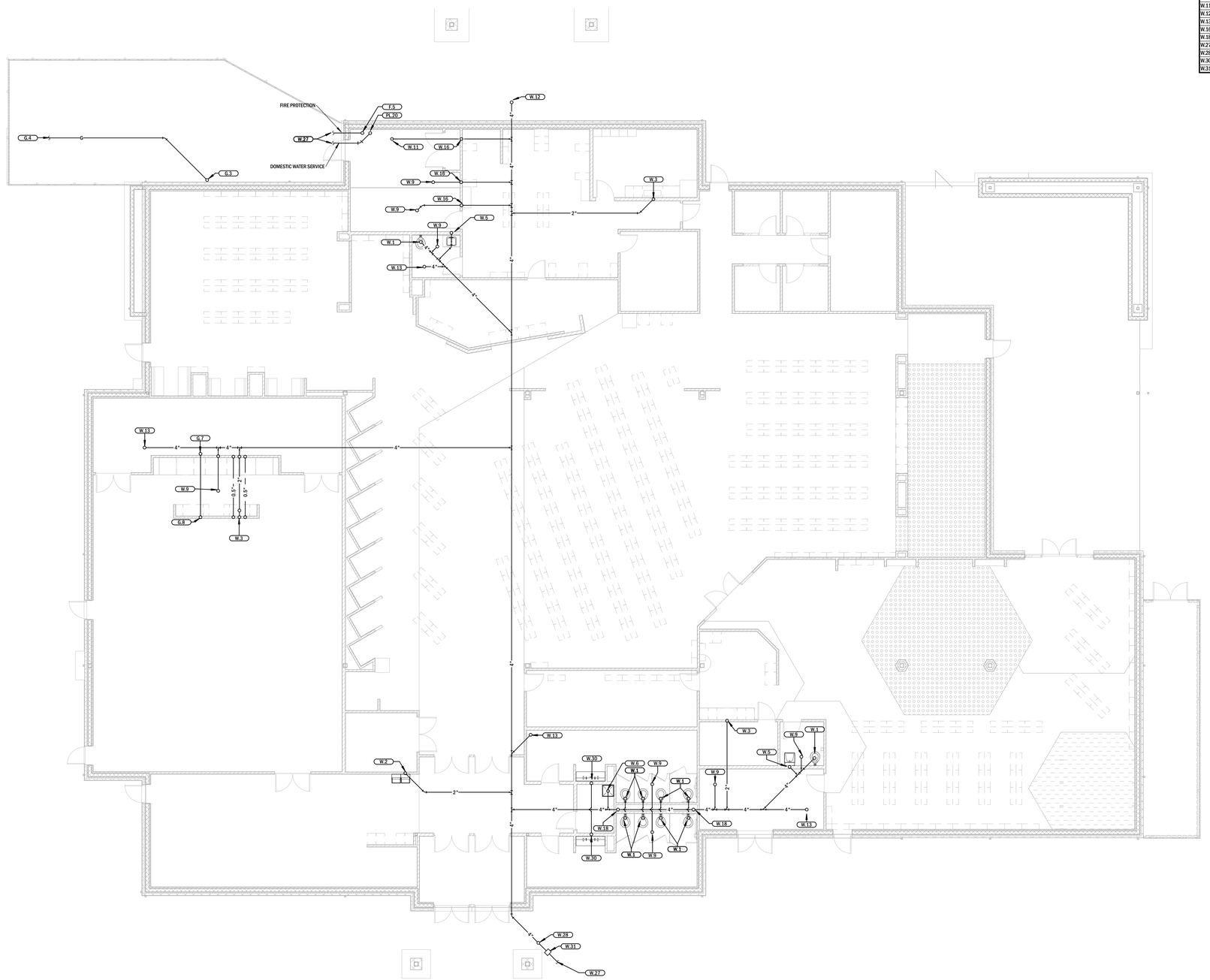
KEYNOTES

F.5	FIRE PROTECTION SERVICE UP. SEE FIRE PROTECTION PLAN FOR CONTINUATION.
G.3	NATURAL GAS SERVICE UP TO METER AGAINST THIS WALL. SEE PLUMBING PLAN FOR CONTINUATION
G.4	REFERENCE CIVIL PLAN FOR CONTINUATION
G.7	0.75" GAS UP ABOVE GRADE
G.8	0.75" GAS UP TO RANGE
PL.20	DOMESTIC WATER SERVICE UP. SEE PLUMBING PLAN FOR CONTINUATION.
W.1	4" WASTE UP TO WATER CLOSET
W.2	2" WASTE UP TO WATER COOLER
W.3	2" WASTE UP TO SINK
W.5	3" WET VENT UP TO LAVATORY
W.6	3" WASTE UP TO MOP BASIN
W.9	2" WASTE UP TO FLOOR DRAIN
W.11	3" WASTE UP TO FLOOR SINK
W.12	4" WASTE UP TO FINISHED GRADE CLEANOUT
W.13	4" WASTE UP TO FINISHED FLOOR CLEANOUT
W.16	1.5" VENT UP
W.18	2" CIRCUIT VENT UP
W.27	SEE SITE PLAN FOR CONTINUATION.
W.28	6" WASTE UP TO SAMPLING MANHOLE.
W.30	2" WASTE UP TO 2 STATION WASH BASIN
W.31	BACKWATER VALVE EQUAL TO WATTS BV-200



1 UNDERGROUND PLUMBING PLAN

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

NORTH

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SHEET NUMBER: **P100**

PROJECT DESCRIPTION:
MONETT LIBRARY BRANCH 19-556
UNDERGROUND PLUMBING PLAN

PROJECT NUMBER: 19-556

2200 PARK STREET
MONETT, MO. 65708

DATE: 06/11/21

PROJECT ENGINNER: AJW
DRAWN BY: AJW
CHECKED BY: BBP

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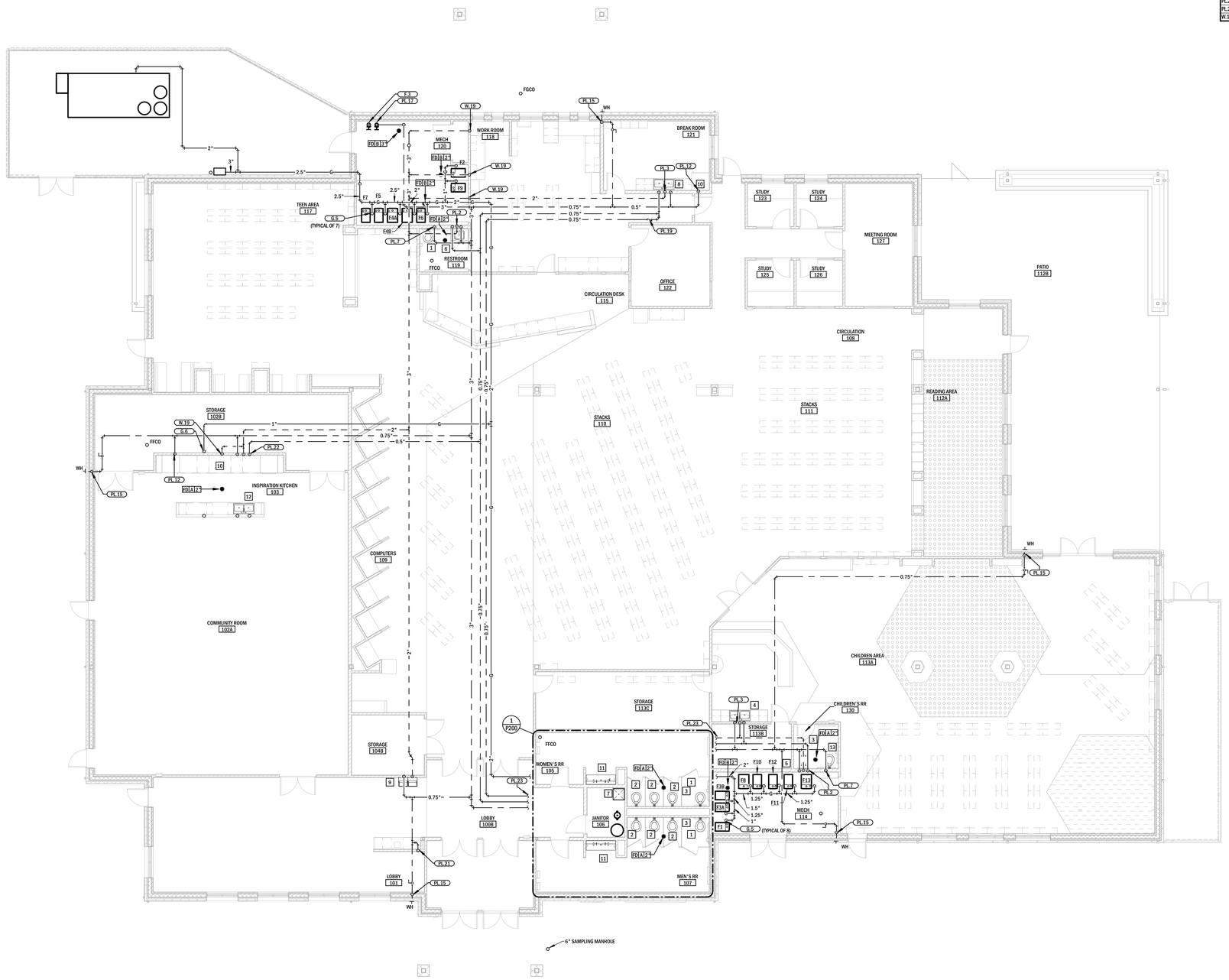
KEYNOTES

F.3	DOUBLE CHECK BACKFLOW PREVENTER FOR FIRE SPRINKLER SERVICE
G.5	0.75" GAS DOWN WITH DRIP LEG TO FURNACE
G.6	0.75" GAS BELOW GRADE. PROVIDE SHUT OFF VALVE.
PL.2	0.5" COLD WATER, 0.5" HOT WATER AND 2" VENT DOWN TO LAVATORY
PL.3	0.5" COLD WATER, 0.5" HOT WATER AND 1.5" VENT DOWN TO SINK
PL.7	1.25" COLD WATER DOWN TO WATER CLOSET
PL.12	0.5" COLD WATER DOWN TO REFRIGERATOR ICE MAKER BOX
PL.15	0.75" COLD WATER DOWN TO WALL HYDRANT. PROVIDE SHUTOFF VALVE IN ACCESSIBLE LOCATION IN WALL OR ABOVE CEILING.
PL.17	REDUCED PRESSURE BACKFLOW PREVENTER FOR DOMESTIC WATER SERVICE.
PL.19	PROVIDE AUTOMATIC FLOW CONTROL VALVE IN HOT WATER RECIRCULATION PIPING AND BALANCE TO 2.0 GPM.
PL.21	0.5" COLD WATER DOWN TO OUTLET VALVE WITH VACUUM BREAKER AND BACKFLOW PREVENTER FOR COFFEE MAKER.
PL.22	0.5" COLD WATER AND 0.5" HOT WATER DOWN AND 1.5" VENT DOWN BELOW GRADE
PL.23	REFERENCE ENLARGED PLUMBING PLAN FOR CONTINUATION
W.19	1.5" VENT DOWN



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

NORTH

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MISSOURI STATE CERTIFICATE OF AUTHORITY #E-2013013378

PROJECT DESCRIPTION:
MONETT LIBRARY BRANCH 19-556

SHEET NUMBER:
P101
PLUMBING PLAN

PROJECT NUMBER:
19-556

DATE:
06/11/21

200 PARK STREET
MONETT, MO. 65708

PROJECT ENGINEER: AJW
DRAWN BY: AJW
CHECKED BY: BMP

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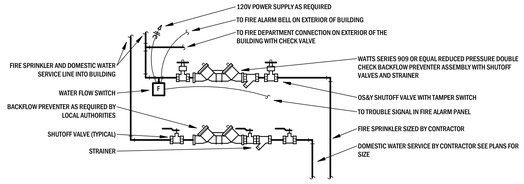
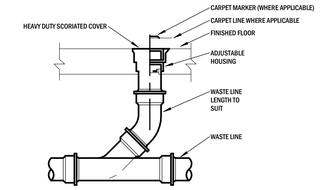
KEYNOTES

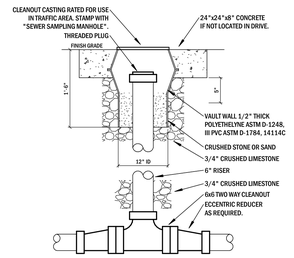
G.1	1" GAS DOWN TO WATER HEATER.
PL.10	1.25" HOT WATER AND 1.25" COLD WATER DOWN WITH SHUT OFF VALVES TO WATER HEATER.
PL.11	0.5" COLD WATER AND 0.5" HOT WATER DOWN TO MOP BASIN
PL.24	REFERENCE PLUMBING PLAN FOR CONTINUATION
PL.29	0.75" HOT WATER, 0.75" COLD WATER, AND 1.5" VENT DOWN TO TWO STATION WASH BASIN.
PL.30	1.25" COLD WATER TO WATER CLOSET
W.21	2" CIRCUIT VENT DOWN.



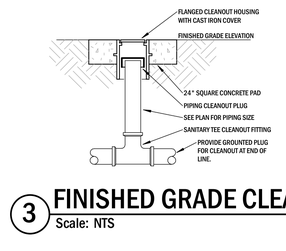
9 WATER SERVICE DETAIL
Scale: NTS



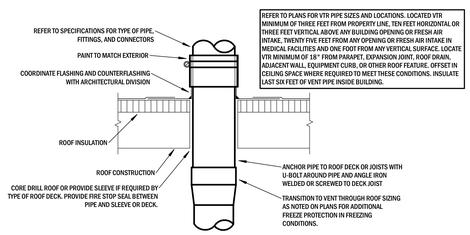
4 FLOOR CLEANOUT DETAIL
Scale: NTS



8 SAMPLING MANHOLE DETAIL
Scale: NTS



3 FINISHED GRADE CLEANOUT
Scale: NTS



12 VENT THROUGH ROOF DETAIL
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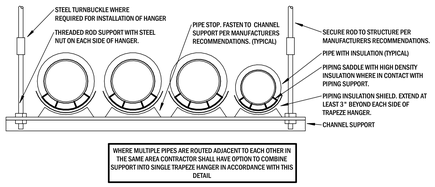
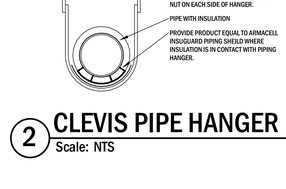
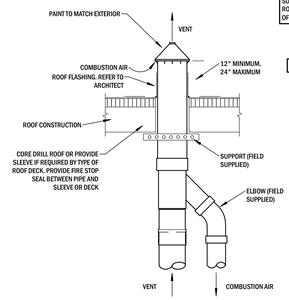


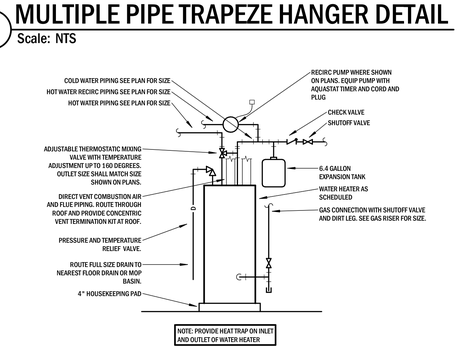
7 MULTIPLE PIPE TRAPEZE HANGER DETAIL
Scale: NTS



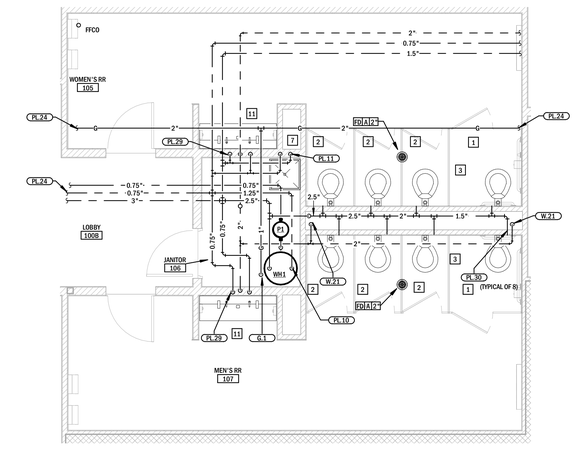
2 CLEVIS PIPE HANGER DETAIL
Scale: NTS



11 CONCENTRIC VENT KIT DETAIL
Scale: NTS

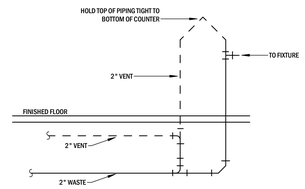


6 GAS FIRED WATER HEATER
Scale: NTS

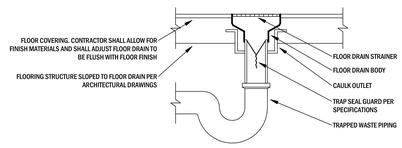


1 ENLARGED PLUMBING PLAN
Scale: 1/4" = 1'-0"

NORTH



10 ISLAND VENT DETAIL
Scale: NTS



5 FLOOR DRAIN DETAIL
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PROJECT DESCRIPTION:
MONETT LIBRARY BRANCH 19-556
2200 PARK STREET
MONETT, MO. 65708

SHEET NUMBER:
P200
PLUMBING DETAILS

PROJECT NUMBER:
19-556

DATE:
06/11/21

PROJECT ENGINNER: AJW
DRAWN BY: AJW
CHECKED BY: BBP

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GAS WATER HEATER

MARK	WH1			
MANUFACTURER	BRADFORD WHITE			
MODEL NUMBER	LC2P0VS0H160N			
TYPE	TANK GAS			
GALLON CAPACITY	50			
RECOVERY	84 GPH			
TEMPERATURE RISE	100°F			
INPUT MBH	76MBH			
EFFICIENCY	90%			
VOLTAGE/PHASE	120/1			
ACCESSORIES	PTRV			

ABBREVIATIONS:
GPH: GALLONS PER HOUR
GPM: GALLONS PER MINUTE
PTRV: PRESSURE TEMPERATURE RELIEF

Interpres

PIPING MATERIAL SCHEDULE

PIPING			TEST PARAMETERS		FITTING		LABEL COLOR	
TYPE	SIZE	MATERIAL	PRESSURE	TIME	MATERIAL	TYPE	BACKGROUND	TEXT
DOMESTIC COLD WATER ABOVE GRADE	GREATER THAN 2"	TYPE L COPPER	150 PSI	1 HR	WC	SL	BLUE	WHITE
DOMESTIC COLD WATER ABOVE GRADE	2" AND SMALLER	PEX TUBING	150 PSI	1 HR	PEX	CR	BLUE	WHITE
DOMESTIC HOT WATER ABOVE GRADE	2" AND SMALLER	PEX TUBING	150 PSI	1 HR	PEX	CR	RED	WHITE
DOMESTIC HOT WATER RETURN ABOVE GRADE	2" AND SMALLER	PEX TUBING	150 PSI	1 HR	PEX	CR	ORANGE	WHITE
DOMESTIC WATER BELOW GRADE	ALL	SDR11 HIGH DENSITY POLYETHYLENE	150 PSI	1 HR	PE	BF	--	--
DWV PIPING ABOVE GRADE (RA PLENUM)	ALL	CAST IRON SOIL PIPE	5 PSI	1 HR	DWV	NH	--	--
DWV PIPING BELOW GRADE	ALL	SCHEDULE 40 DWV PVC	5 PSI	1 HR	DWV	SW	--	--
TEMPERATURE PRESSURE AND RELIEF	ALL	TYPE M COPPER	150 PSI	1 HR	DWV/WC	DWV	--	--
GAS PIPING LESS THAN 1 PSI	ALL	SCHEDULE 40 TYPE S SEAMLESS BLACK STEEL	150 PSI	1 HR	MI	TH	GREEN	WHITE
BELOW GRADE GAS PIPING LESS THAN 1 PSI	ALL	PE PLASTIC ASTM D-2513 MARKED "GAS"	150 PSI	1 HR	PE	BF	GREEN	WHITE
CONDENSATE DRAIN	ALL	TYPE L COPPER TUBING	150 PSI	1 HR	WC-DWV	SL	--	--
FIRE PROTECTION PIPING	ALL	STEEL PER NFPA 13 &14	PER NFPA	PER NFPA	PER NFPA	PER NFPA	YELLOW	BLACK

ABBREVIATIONS:
BF: BUTT FUSION
BZ: BRAZED
CI: CAST IRON
CR: CRIMPED
DWV: DRAINAGE WASTE AND VENT
FSFL: FORGED STEEL FLANGES
MAT: MATERIAL
MI: MALLEABLE IRON
PE: HIGH DENSITY POLYETHYLENE

ABBREVIATIONS:
NH: NO HUB
RS: RESIN SOCKET
SL: SOLDERED
SW: SOLVENT WELD
TH: THREADED
WC: WROUGHT COPPER
WE: WELDED
WF: WELDED AND FLANGED
WSF: WROUGHT STEEL FITTINGS
WCF: WROUGHT CAST FITTINGS

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PLUMBING FIXTURE SCHEDULE

MARK	DESCRIPTION	MANUFACTURER	MODEL	OPTIONS AND ACCESSORIES	PIPING CONNECTION SIZES				NOTES
					COLD	HOT	WASTE	VENT	
1	ACCESSIBLE FLOOR MOUNT HARDWIRED SENSOR FLUSH VALVE WATER CLOSET	AMERICAN STANDARD	3043.001	ELONGATED BOWL, WHITE, OPEN FRONT SEAT, SUPPLY AND STOPS, 1.28 GPF, SLOAN ROYAL 111-ESS-1.28-OR-HW HARDWIRED, SENSOR, 1.28 GPF FLUSH VALVE, 1.5" TOP SPUD	1.25"	--	4"	2"	2
2	FLOOR MOUNT HARDWIRED SENSOR FLUSH VALVE WATER CLOSET	AMERICAN STANDARD	2234.001	ELONGATED BOWL, WHITE, OPEN FRONT SEAT, SUPPLY AND STOPS, 1.28 GPF, SLOAN ROYAL 111-ESS-1.28-OR-HW HARDWIRED, SENSOR, 1.28 GPF FLUSH VALVE, 1.5" TOP SPUD	1.25"	--	4"	2"	2
3	HARDWIRED FIXTURE TRANSFORMER	SLOAN	EL-154	BOX MOUNT TRANSFORMER 120V INPUT, SUITABLE FOR USE WITH UP TO TEN FLUSHOMETER FIXTURES. COORDINATE ROUGH IN AND 120V POWER LOCATION WITH E/C. PLUMBING CONTRACTOR SHALL PROVIDE WIRING FROM TRANSFORMER TO EACH FLUSH VALVE FIXTURE.	--	--	--	--	--
4	DOUBLE COMPARTMENT STAINLESS STEEL SINK	ELKAY	DLR332210	TYPE 302 STAINLESS STEEL, 18 GAUGE, LX-6K-H SATIN FINISH, FACUET CENTERS TO MATCH FAUCET, TRAP AND TAILPIECE, 3.5" DRAIN	--	--	2"	1.5"	2,3
	SINK FAUCET	DELTA	9159-DST	ADA COMPLIANT, CHROME, SUPPLIES AND STOPS, 9.5" GOOSENECK SWING SPOUT WITH PULLDOWN SPOUT, SINGLE HANDLE, ESCUTCHEON	0.5"	0.5"	--	--	2
5	ACCESSIBLE WALL HUNG LAVATORY	AMERICAN STANDARD	9024.XXXEC	WHITE, VITREOUS CHINA, HANDI-LAV GUARD ADA INSULATION KIT, WALL HANGER, DECK MOUNTED FACUET CENTERS TO MATCH FAUCET, TRAP AND TAILPIECE, ADA COMPLIANT, STAIN RESISTANT SURFACE GLAZE	--	--	2"	1.5"	1,2,3,4
	SENSOR HARDWIRED LAVATORY FAUCET	SLOAN	EFX-200-BOX.IR-0.5	CHROME, ESCUTCHEONS, SUPPLIES AND STOPS, ADA COMPLIANT, WATER SENSE CERTIFIED, GRID DRAIN, 0.35 GPM, LEAD FREE, BOT MIXING VALVE, 4" TRIM PLATE, IR SENSOR, HARDWIRED, LAMINAR FLOW, COMPATIBLE WITH REMOTE TRANSFORMER	0.5"	0.5"	--	--	4
6	ACCESSIBLE SQUARE UNDERMOUNT LAVATORY	AMERICAN STANDARD	0614.X	WHITE, HANDI-LAV GUARD ADA INSULATION KIT, TRAP AND TAILPIECE, GRID DRAIN, COORDINATE INSTALLATION WITH CASEWORK PROVIDER AND PROVIDE REQUIRED FAUCET CENTERS IN COUNTERTOP	--	--	2"	1.5"	1,2,3,4
	SENSOR HARDWIRED LAVATORY FAUCET	SLOAN	EFX-200-BOX.IR-0.5	CHROME, ESCUTCHEONS, SUPPLIES AND STOPS, ADA COMPLIANT, WATER SENSE CERTIFIED, GRID DRAIN, 0.35 GPM, LEAD FREE, BOT MIXING VALVE, 4" TRIM PLATE, IR SENSOR, HARDWIRED, LAMINAR FLOW, COMPATIBLE WITH REMOTE TRANSFORMER	0.5"	0.5"	--	--	4
7	MOP BASIN	FIAT	MSB-242410	MOLDED STONE, 3" DRAIN, SS STRAINER, 889-CC MOP HANGER, SS WALL GUARD.	--	--	3"	1.5"	2,3
	MOP BASIN FAUCET	CHICAGO FAUCETS	897-C	INTEGRAL STOPS, INTEGRAL CHECK VALVE, HOSE THREAD ON SPOUT	0.5"	0.5"	--	--	2
8	DOUBLE COMPARTMENT STAINLESS STEEL SINK	ELKAY	DLR332210	TYPE 302 STAINLESS STEEL, 18 GAUGE, LX-6K-H SATIN FINISH, FACUET CENTERS TO MATCH FAUCET, TRAP AND TAILPIECE, 3.5" DRAIN	--	--	2"	1.5"	2,3
	SINK FAUCET	DELTA	9159-DST	ADA COMPLIANT, CHROME, SUPPLIES AND STOPS, 9.5" GOOSENECK SWING SPOUT WITH PULLDOWN SPOUT, SINGLE HANDLE, ESCUTCHEON	0.5"	0.5"	--	--	2
	GARBAGE DISPOSAL	IN SINK ERATOR	BADGER 5	1/2 HORSE POWER MOTOR, CORD AND PLUG, 120V POWER SUPPLY	--	--	--	--	2
9	ACCESSIBLE DUAL LEVEL ELECTRIC HANDS FREE WATER COOLER WITH BOTTLE FILLER	ELKAY	EZOOTL-8WSLK	WHEELCHAIR ACCESSIBLE, WRAP AROUND PRESS BAR, ONE PIECE STAINLESS STEEL TOP WITH DRAIN, SAFETY BUBBLER, BOTTLE FILLER, HANDS FREE OPERATION, 120V CORD AND PLUG	0.5"	--	2"	1.5"	1,2,4
10	ICE MAKER VALVE BOX	GUY GRAY	BIM875	20 GAUGE STEEL, SHUTOFF VALVE PAINTED TO MATCH WALL, VACUUM BREAKER	0.5"	--	--	--	1,2
11	2 STATION WASH BASIN	BRADLEY	LVLD2	WHITE, ACCESS PANEL, GRID DRAIN, OVERFLOW, 30" CENTERS, SINGLE DRAIN, POLYPROPYLENE P- TRAP	--	--	2"	1.5"	1,2,3,4
	WASH BASIN SENSOR FAUCETS	BRADLEY	SS3-3700	CHROME, SUPPLIES AND STOPS, ADA COMPLIANT, 0.35GPM, LAMINAR FLOW, IR SENSOR, THERMOSTATIC MIXING VALVE, AC ADAPTER,	0.5"	0.5"	--	--	4,5
	WASH BASIN SENSOR SOAP DISPENSER	BRADLEY	6-3700	CHROME, ADA COMPLIANT,SINGLE TOP FILL AT SPOUT TANK, IR SENSOR, AC ADAPTER, FOAM SOAP.	--	--	--	--	4,5
12	DOUBLE COMPARTMENT STAINLESS STEEL SINK	ELKAY	DLR332210	TYPE 302 STAINLESS STEEL, 18 GAUGE, LX-6K-H SATIN FINISH, FACUET CENTERS TO MATCH FAUCET, TRAP AND TAILPIECE, 3.5" DRAIN	--	--	2"	1.5"	2,3
	SINK FAUCET	DELTA	9159T-BL-DST	ADA COMPLIANT, BLACK, SUPPLIES AND STOPS, 9.5" GOOSENECK SWING SPOUT WITH PULLDOWN SPOUT, SINGLE HANDLE, ESCUTCHEON	0.5"	0.5"	--	--	2
	GARBAGE DISPOSAL	IN SINK ERATOR	BADGER 5	1/2 HORSE POWER MOTOR, CORD AND PLUG, 120V POWER SUPPLY	--	--	--	--	2
13	FLOOR MOUNT, MANUAL FLUSH VALVE WATER CLOSET	AMERICAN STANDARD	2234.001	ELONGATED BOWL, WHITE, OPEN FRONT SEAT, SUPPLY AND STOPS, 1.28 GPF, SLOAN ROYAL 111-1.28 MANUAL FLUSH VALVE, 1.5" TOP SPUD	1.25"	--	4"	2"	2
FD(A)FA"x"	FLOOR DRAIN FULL GRATE	ZURN	Z415-BZ1	CAST IRON FLOOR DRAIN, OUTLET AS REQUIRED FOR PIPING TYPE, ADJUSTABLE RIM, 6" ACID RESISTANT, NICKEL BRONZE STRAINER HEAD, SEE TAG FOR DRAIN OUTLET SIZE. 1" POST POUR ADJUSTMENT.	--	--	--	--	2
FD(B)FA"x"	FLOOR DRAIN HALF GRATE WITH FUNNEL	JR SMITH	2231	CAST IRON FLOOR DRAIN, OUTLET AS REQUIRED FOR PIPING TYPE, ADJUSTABLE RIM, 12" HALF STRAINER HEAD, SEEPAGE CONTROL FLANGE, FLAT BOTTOM STRAINER, SEE TAG FOR DRAIN OUTLET SIZE.	--	--	--	--	2
FD(C)FA"x"	FLOOR DRAIN WOOD FLOOR	JR SMITH	2010-WF-1A-CAN	CAST IRON FLOOR DRAIN, OUTLET AS REQUIRED FOR PIPING TYPE, ADJUSTABLE RIM, NICKEL BRONZE STRAINER HEAD, GASKET AGAINST BOTTOM OF FLOORING, SEE TAG FOR DRAIN OUTLET SIZE.	--	--	--	--	2
FS(A)FA"x"	FLOOR SINK	JR SMITH	3161	CAST IRON FLOOR SINK, 10" DEEP, OUTLET AS REQUIRED FOR PIPING TYPE, ADJUSTABLE RIM, NICKEL BRONZE STRAINER HEAD, ALUMINUM FLAT BOTTOM STRAINER, ACID RESISTANT COATING, SEE TAG FOR DRAIN OUTLET SIZE.	--	--	--	--	2
FS(B)FA"x"	FLOOR SINK HALF GRATE	JR SMITH	3161	CAST IRON FLOOR SINK, 10" DEEP, OUTLET AS REQUIRED FOR PIPING TYPE, ADJUSTABLE RIM, HALF GRATE NICKEL BRONZE STRAINER HEAD, ALUMINUM FLAT BOTTOM STRAINER, ACID RESISTANT COATING, SEE TAG FOR DRAIN OUTLET SIZE.	--	--	--	--	2
FS(B)FA"x"	FLOOR SINK HALF GRATE	JR SMITH	3161	CAST IRON FLOOR SINK, 10" DEEP, OUTLET AS REQUIRED FOR PIPING TYPE, ADJUSTABLE RIM, HALF GRATE NICKEL BRONZE STRAINER HEAD, ALUMINUM FLAT BOTTOM STRAINER, ACID RESISTANT COATING, SEE TAG FOR DRAIN OUTLET SIZE.	--	--	--	--	2
WH	FREEZE PROOF WALL HYDRANT	ZURN	Z1321XL	LEAD FREE, FREEZE PROOF, AUTOMATIC DRAINING WALL HYDRANT FOR FLUSH INSTALLATION WITH WALL FINISH. INTEGRAL BACKFLOW PREVENTER, OPERATING TUBE AS REQUIRED FOR WALL THICKNES, 1/2 TURN CERAMIC DISC CARTRIDGE, THREADED HOSE OUTLET, KEYED, STAINLESS STEEL FACEPLATE, WALL CLAMP.	--	--	--	--	2
FFCO	FINISHED FLOOR CLEANOUT.	ZURN	Z1400-BZ	ADJUSTABLE LEVELING FLOOR CLEANOUT, CAST IRON BODY, WATER AND GAS TIGHT THREADED PLUG, SCORIATED TOP, NICKEL BRONZE TOP. CARPET MARKER WHERE SHOWN IN CARPETED AREAS. SEE ARCHITECTURAL PLAN FOR FLOORING TYPE.	--	--	--	--	2
FGCO	FINISHED GRADE CLEANOUT.	ZURN	Z1400-BZ1	ADJUSTABLE EXTERIOR CLEANOUT, CAST IRON BODY, WATER AND GAS TIGHT THREADED PLUG, SCORIATED TOP, NICKEL BRONZE TOP.	--	--	--	--	2

NOTES:
1. REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHT
2. PROVIDE ACCESSORIES TO SUPPORT FIXTURE AS RECOMMENDED BY MANUFACTURER
3. SINK FAUCET HOLE OPENINGS SHALL MATCH FAUCET.
4. INSTALL ACCESSORIES AS RECOMMENDED BY MANUFACTURER FOR ADA COMPLIANCE.
5. PROVIDE QUANTITY TO MATCH NUMBER OF WASH BASIN STAIONS.

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PUMP SCHEDULE

MARK	P1						
DESCRIPTION	DHW						
MANUFACTURER	B&G						
MODEL	NBF-185						
TYPE	IL						
DESIGN FLOW (GPM)	5.0						
DESIGN HEAD (FT.)	20						
WETTED MATERIAL	BR						
WORK. CLASS (PSI)	150						
MOTOR TYPE							
MOTOR POWER	90W						
RPM	3000						
VOLTAGE/PHASE	120/1						
TRIPLE DUTY VALVE	--						
SUCTION DIFFUSER	--						
FLUID TEMP. RANGE (F)	40-180						
ACCESSORIES	AS						

ABBREVIATIONS:
IL: IN-LINE
WR: WET ROTOR
BMES: BASE MOUNTED END SUCTION
BMHSC: BASE MOUNTED HORIZONTAL SPLIT CASE
BMVSC: BASE MOUNTED VERTICAL SPLIT CASE
BMCCES: BASE MOUNTED CLOSE COUPLED END SUCTION
BR: BRONZE/BRASS
SS: STAINLESS STEEL
IR: IRON

ABBREVIATIONS:
VSC: VARIABLE SPEED CONTROL
PPC: PROPORTIONAL PRESSURE CURVE CONTROL
CPC: CONSTANT PRESSURE CURVE CONTROL
DTC: DIFFERENTIAL TEMPERATURE CONTROL
BP: HEAVY DUTY BASEPLATE
B&G: BELL AND GOSSETT
DHW: DOMESTIC HOT WATER
AS: AQUASTAT WITH TIMECLOCK AND CORD AND PLUG
EFF: EFFLIENT
SP: SUMP PIT AS DETAILED OR PER MANUFACTURER RECOMMENDATIONS
OM: OIL MINDER

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PLUMBING SYMBOLS

	DOMESTIC COLD WATER
	DOMESTIC HOT WATER
	DOMESTIC HOT WATER RETURN
W	WASTE PIPING
	VENT PIPING
D	DRAIN
G	NATURAL GAS
F	FIRE SERVICE
RD	PRIMARY ROOF DRAIN
ORD	OVERFLOW ROOF DRAIN
A	COMPRESSED AIR
O2	OXYGEN
V	VACUUM
N2O	NITROUS OXIDE
	SHUTOFF VALVE
	ROOF PIPING SUPPORT
S	SHOCK ABSORBER
M	WATER METER
PR	PRESSURE REGULATOR
F	FLOW CONTROL VALVE
HB	HOSE BIBB
RHB	RECESSED HOSE BIBB
CO	WALL CLEANOUT
	ELBOW UP WITH SHUTOFF VALVE
	ELBOW DOWN WITH SHUTOFF VALVE
	TEE UP WITH SHUTOFF VALVE
	TEE DOWN WITH SHUTOFF VALVE
	END CAP
FD(A)T"	FLOOR DRAIN, TYPE & SIZE
RD(A)T"	ROOF DRAIN , TYPE & SIZE
	INDICATES CONNECTION TO EXISTING SYSTEMS
1	PLUMBING FIXTURE TAG

ABBREVIATIONS

60"	DIMENSIONS NEXT TO ANY SYMBOL OR FIXTURE INDICATES MOUNTING HEIGHT TO CENTERLINE OF DEVICE
FFCO	FINISEHD FLOOR CLEANOUT
FGCO	FINISHED GRADE CLEANOUT
FWCO	FINISHED WALL CLEANOUT
CW	COLD WATER
HW	HOT WATER
V	VENT
W	WASTE
WH	WATER HEATER

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MISSOURI STATE CERTIFICATE OF AUTHORITY #E-2013013378

SHEET NUMBER: **P300**
PROJECT DESCRIPTION: MONETT LIBRARY BRANCH 19-556
PLUMBING SCHEDULES
PROJECT NUMBER: 19-556
2200 PARK STREET
MONETT, MO, 65708
DATE: 06/11/21
PROJECT ENGINNER: AJW
DRAWN BY: AJW
CHECKED BY: BSP

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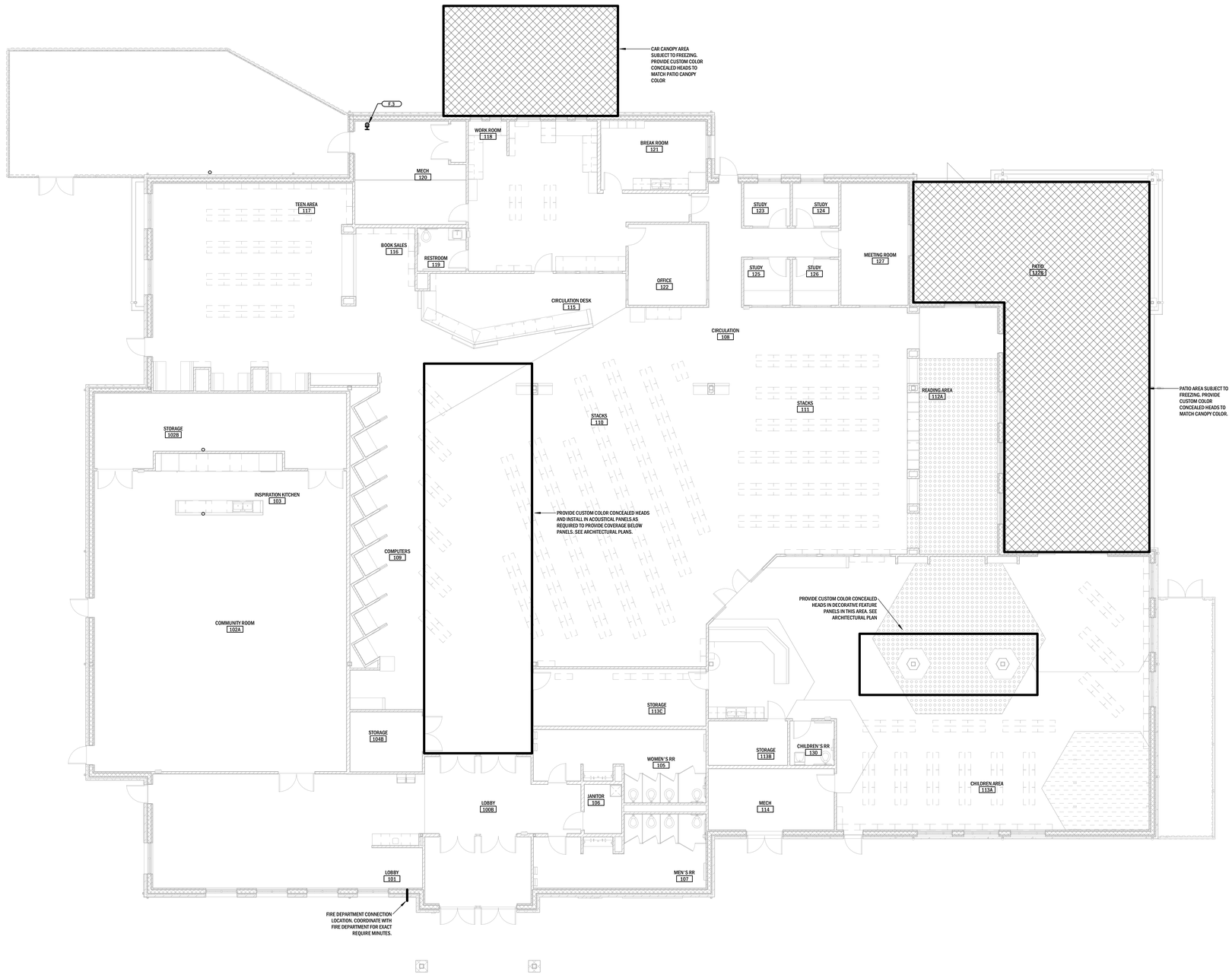
3	IN NO CASE SHALL THE CONTRACTOR PROVIDE OR EXCLUDE PROJECT COMPONENTS THAT WOULD RENDER THE PROJECT IN CONFLICT WITH CODE REQUIREMENTS, INCOMPLETE OR NON-FUNCTIONAL IN ANY WAY. IF THE CONTRACTOR REQUIRES ADDITIONAL INFORMATION OR CLARIFICATION FOR AREAS IN WHICH THEY BELIEVE INSUFFICIENT INFORMATION IS PROVIDED, REQUEST FOR THAT INFORMATION FROM THE DESIGN TEAM SHALL BE SUBMITTED PRIOR TO SUBMITTING BID.

FIRE PROTECTION NOTES

1	ALL AREAS SHALL BE CONSIDERED LIGHT HAZARD WITH THE EXCEPTION OF STACK ROOMS. LARGE STACK ROOMS SHALL BE CLASSIFIED AS ORDINARY HAZARD GROUP 2.



1 FIRE PROTECTION PLAN

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

NORTH

NOT FOR CONSTRUCTION

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PROJECT DESCRIPTION:
MONETT LIBRARY BRANCH 19-556
2200 PARK STREET
MONETT, MO. 65708

SHEET NUMBER: **F100**
FIRE PROTECTION PLAN

PROJECT NUMBER: 19-556

DATE: 06/11/21

PROJECT ENGINEER: AJW
DRAWN BY: AJW
CHECKED BY: BBP

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