

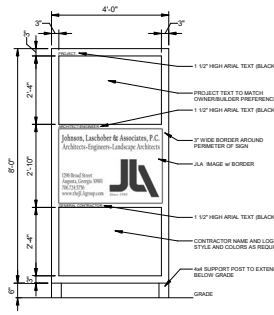
AUGUSTA GA BOARD OF COMMISSIONERS  
535 TELFAIR STREET, AUGUSTA, GA 30901

HENRY BRIGHAM COMMUNITY CENTER  
2463 GOLDEN CAMP RD. C, AUGUSTA, GA 30906

PROJECT LOCATION MAP



JOBSITE SIGN



INDEX OF DRAWINGS

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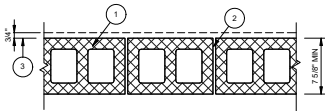
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E  
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Design No. U905

June 10, 2019

Bearing Wall Rating - 2 HR.

Nonbearing Wall Rating - 2 HR.

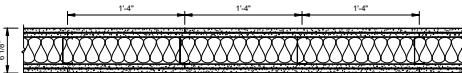


- Concrete Blocks\*** — Various designs, Classification D-2 (2hr).
  - Mortar** — Blocks laid in full bed of mortar, nom. 3/8 in. thick, of not less than 2-1/4 and not more than 3-1/2 parts of clean sharp sand to 1 part Portland cement (proportioned by volume) and not more than 50 percent hydrated lime (by cement volume). Vertical joints staggered.
  - Portland Cement Stucco or Gypsum Plaster** — If used, add 1/2 hr to Classification. Where combustible members are framed in wall, plaster or stucco must be applied on the face opposite framing to achieve a max. Classification of 1-1/2 hr. Attached to concrete blocks (Item 1).
  - Loose Masonry Fill** — If all core spaces are filled with loose dry expanded slag, expanded clay or shale (rotary kiln process), water repellent vermiculite masonry fill insulation, or silicone treated perlite loose fill insulation add 2 hr to Classification.
  - Foamed Plaster\*** — (Optional-Not Shown) — 1-1/2 in. thick max, 4 in wide sheathing attached to concrete blocks (Item 1).
- Celestex Corp. - Type Thermax
- \* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.

**UL NO U905 - 2 HR CMU WALL (ALSO 1 HR)**  
SCALE: 1 1/2" = 1'-0"

UL DESIGN NO. U419

FIRE RATING:	2 Hour
STC:	53
SOUND TEST:	USG-170/104
SYSTEM THICKNESS:	6 1/8"



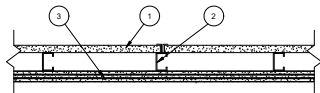
ASSEMBLY OPTIONS:

- GYPSUM BOARD:** TWO LAYERS 5/8" THICK GYPSUM BOARD (UL TYPE SCX\*\*)
- STEEL STUDS:** 3-5/8" STEEL STUDS, EQ20 (0.019"), SPACED 16" O.C.
- INSULATION:** 3 1/2" GLASS FIBER BATT INSULATION IN CAVITY
- GYPSUM BOARD:** TWO LAYERS 5/8" THICK GYPSUM BOARD (UL TYPE SCX\*\*)

NOTES:

- STUD AND INSULATION SIZES ARE MINIMUM UNLESS OTHERWISE STATED IN DESIGN.
- FOR THE MOST UP-TO-DATE INFORMATION OR ASSEMBLY OPTIONS, REFER TO THE UL FIRE RESISTANCE DIRECTORY.
- REFER TO THE UL FIRE RESISTANCE DIRECTORY FOR INFORMATION REGARDING PRODUCT ORIENTATION AND FASTENING REQUIREMENTS.

**UL NO U419 - 2 HR STUD WALL**  
NO SCALE



- 1" SHEETROCK LINER PANELS
- 1/2" SHEETROCK FIRECODE TYPE C CORE GYPSUM PANELS, 3 LAYERS, ALL JOINTS FINISHED
- 1/2" SHEETROCK FIRECODE TYPE C CORE GYPSUM PANELS, 3 LAYERS, ALL JOINTS FINISHED

\*\*ASSEMBLY TO DESIGNED AS DOCUMENTS IN USG FIRE-RESISTANT ASSEMBLIES REPORT NUMBER WHI-495, PSH01540167

**2 HR. HORIZONTAL SHAFT**  
SCALE: 1 1/2" = 1'-0"

CODE ANALYSIS

MINIMUM STANDARD CODES	
IBC - INTERNATIONAL BUILDING CODE	2018 EDITION W/ GEORGIA AMENDMENTS
IFGC - INTERNATIONAL FUEL GAS CODE	2018 EDITION W/ GEORGIA AMENDMENTS
IMC - INTERNATIONAL MECHANICAL CODE	2018 EDITION W/ GEORGIA AMENDMENTS
IPC - INTERNATIONAL PLUMBING CODE	2018 EDITION W/ GEORGIA AMENDMENTS
NATIONAL ELECTRICAL CODE	2020 EDITION
INTERNATIONAL FIRE CODE	2018 EDITION W/ GEORGIA AMENDMENTS
INTERNATIONAL ENERGY CONSERVATION CODE	2015 EDITION W/ GEORGIA AMENDMENTS
ADA STANDARDS FOR ACCESSIBLE DESIGN	2010 EDITION W/ GEORGIA AMENDMENTS
NFPA - 101 LIFE SAFETY CODES	2012 EDITION W/ GEORGIA AMENDMENTS
REVIEW PER DESIGN	
NON SEPARATED OCCUPANCY (IBC CHAPTER 3, NFPA 101 CHAPTER 6)	
IBC <u>B</u>	NFPA <u>BUSINESS</u>
IBC <u>A-3</u>	NFPA <u>ASSEMBLY</u>
IBC <u>A-4</u>	NFPA <u>ASSEMBLY</u>
TYPE OF CONSTRUCTION (IBC CHAPTER 6, NFPA 101 CHAPTER 6)	
IBC <u>III</u>	NFPA <u>II (000)</u>
SPRINKLER REQUIRED (IBC CHAPTER 9, NFPA CHAPTER 7) SPRINKLER PROVIDED	
YES <u>X</u> NO <u></u> (SEE FIGURE 903.2)	YES <u>X</u> NO <u></u>
BUILDING FLOOR AREA ALLOWED PER FLOOR (IBC TABLE 506.2)	
1ST FLOOR ALLOWED	38,000 SF
TOTAL ALLOWED	38,000 SF
BUILDING HEIGHT (IBC TABLE 504.3 AND TABLE 504.4)	
HEIGHT ALLOWED	75'-0"
HEIGHT BY DESIGN	35'-0" TO RIDGE OF ROOF, 2 STORY
OCCUPANT LOAD (IBC SECT. 1004 & TABLE 1004.1.2, NFPA 1-7.3.1.2) =	
BUSINESS - 100 SF PER PERSON	= 123 OCCUPANTS
ASSEMBLY - 15 SF PER PERSON	= 1108 OCCUPANTS
TOTAL	= 1231 OCCUPANTS
REQUIRED MEANS OF EGRESS	
PER CHAPTER 10 OF IBC: 1231 PEOPLE * 2" PER PERSON = 184.85' REQUIRED	
EGRESS CAPACITY PROVIDED: 9 DOORS * 32' = 288'	
EGRESS CAPACITY PROVIDED: 3 DOORS * 64' = 192'	
TOTAL EGRESS CAPACITY PROVIDED:	
= 480'	
TRAVEL DISTANCES	
COMMON PATH (IBC 1014.3, NFPA T-A7.6)	75 FT
DEAD END (IBC 1018.4, NFPA T-A7.6)	20 FT
TRAVEL DISTANCE (IBC T-1016.2, NFPA T-A7.6.1)	250 FT
FIRE RESISTANCE RATING REQUIRED (IBC TABLE 601, NFPA TABLE A-8.2.1.2)	
STRUCTURAL FRAME	IBC <u>0</u> HR NFPA <u>0</u> HR
BEARING WALLS	IBC <u>0</u> HR NFPA <u>0</u> HR
EXTERIORS	IBC <u>0</u> HR NFPA <u>0</u> HR
INTERIORS	IBC <u>0</u> HR NFPA <u>0</u> HR
NONBEARING WALLS & PARTITIONS	IBC <u>0</u> HR NFPA <u>0</u> HR
EXTERIORS	IBC <u>0</u> HR NFPA <u>0</u> HR
INTERIORS	IBC <u>0</u> HR NFPA <u>0</u> HR
(IBC TABLE 1002.1) 1 HR CORRIDOR RATING	IBC <u>0</u> HR NFPA <u>0</u> HR
FLOOR CONSTRUCTION	IBC <u>0</u> HR NFPA <u>0</u> HR
***including supporting beams & joists	IBC <u>0</u> HR NFPA <u>0</u> HR
ROOF CONSTRUCTION	IBC <u>0</u> HR NFPA <u>0</u> HR
***including supporting beams & joists	IBC <u>0</u> HR NFPA <u>0</u> HR
REQUIRED SEPARATION OF OCCUPANCIES (IBC T-508.4, NFPA T-6.1.14.4.1)	
NON SEPARATED OCCUPANCIES	IBC <u>0</u> HR NFPA <u>0</u> HR
**PER 508.3, "nonseparated occupancies is that different occupancies within the same building do not have to be separated by fire-resistance-rated assemblies if the building complies throughout with the most restrictive code requirements for minimum construction type and fire protection systems applicable to the occupancies in the building."	
REQUIRED PLUMBING FIXTURES- (IBC 2015, TABLE 2602.1; IPC CHAPTER 4, TABLE 403.1)	
REQUIRED: MALE 6 FEMALE 10 UNSEX 0 LAVATORIES 0 SERVICE SINKS 1	
PROVIDED: 4 (WC) 7 6 12 3	
3 (URINAL)	
STAIRS	
REQUIRED WIDTH: "36"	
PROVIDED WIDTH: 50"	
**PER NFPA 101, SECTION 7.2.2.1.2.1, BECAUSE THE OCCUPANT LOAD OF FLOORS SERVING STAIR IS LESS THAN SIX OCCUPANTS THE MINIMUM CLEAR WIDTH OF THE STAIR IS REQUIRED TO BE ONLY 36", EXCEPT FOR PROJECTIONS OF 4 1/2" MAX. ON EACH SIDE, AT 36" HANDRAIL HEIGHT OR BELOW.	

GENERAL NOTES

THE GENERAL CONTRACTOR AND HIS SUB-CONTRACTORS SHALL BE REQUIRED TO VISIT THE PREMISES TO INSPECT EXISTING CONDITIONS, BECOME FAMILIAR WITH LOCAL CONDITIONS UNDER WHICH THE WORK IS TO BE PERFORMED AND CORRELATE PERSONAL OBSERVATIONS WITH REQUIREMENTS OF THE DRAWINGS.

ALL WORK PERFORMED SHALL BE IN STRICT COMPLIANCE WITH COUNTY REGULATIONS AND CODES, O.S.H.A. STANDARDS, THE CODE STANDARDS LISTED, EXECUTED IN ACCORDANCE WITH ACCEPTED INDUSTRY STANDARDS, AND CONFORM TO SPECIFIC REGULATIONS AS MANDATED BY THE OWNER AND THE ARCHITECT.

IT SHALL BE THE GENERAL CONTRACTOR'S RESPONSIBILITY TO INSURE THE PROCUREMENT OF ALL REQUIRED AND NECESSARY PERMITS. ALL CONTRACTORS SHALL OBTAIN NECESSARY AND APPLICABLE CITY/COUNTY PERMITS, INSPECTIONS AND APPROVAL PRIOR TO THE COMMENCEMENT OF ANY WORK AND CERTIFICATE OF OCCUPANCY UPON COMPLETION OF PROJECT. CONTRACTOR SHALL FURNISH COPIES OF PERMITS, INSPECTIONS AND CERTIFICATES TO OWNER UPON REQUEST.

CONTRACTOR SHALL BE REQUIRED TO COORDINATE WORK SCHEDULE TO MINIMIZE DISRUPTION OF NORMAL ACTIVITIES AND TO AVOID INTERFERENCE WITH ADJACENT OPERATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TAKING ADEQUATE PRECAUTIONS TO PROTECT SURROUNDINGS, MATERIALS AND EXISTING FINISHES THROUGHOUT ALL PHASES OF CONSTRUCTION AREAS AND OCCUPIED OR PUBLIC AREAS TO BE MAINTAINED BY CONTRACTOR, DAMAGE TO EXISTING-TO-REMAIN CONSTRUCTION, MATERIALS OR EQUIPMENT TO BE RESTORED TO ORIGINAL CONDITION.

CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL OF TRASH AND DEBRIS FROM JOB SITE ON A DAILY BASIS. FINAL CLEAN-UP WITHIN SCOPE OF WORK.

GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE COORDINATION OF ALL RELATED TRADES AND VENDORS NECESSARY TO THE COMPLETION OF THE JOB ON A TIMELY BASIS.

**DO NOT SCALE DRAWINGS.** USE WRITTEN DIMENSIONS ONLY. SUBMIT TO ARCHITECT ANY DISCREPANCIES FOR CLARIFICATION.

ALL WORK SHALL BE IN COMPLIANCE WITH THE INTERNATIONAL BUILDING CODE, GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION, CURRENT EDITION OF NATIONAL ELECTRIC CODE, INTERNATIONAL PLUMBING, AND MECHANICAL CODE, RECOGNIZED INDUSTRY STANDARDS, CRAFTSMANSHIP STANDARDS IN THE AREA, ALL MANUFACTURERS RECOMMENDATIONS, AND ALL OTHER APPLICABLE CODES.

THE DESIGN PROFESSIONAL DOES NOT GUARANTEE THE PERFORMANCE OF THE PROJECT IN ANY RESPECT OTHER THAN THAT OUR PROFESSIONAL WORK AND JUDGEMENT RENDERED MEET THE STANDARDS OF CARE OF OUR PROFESSION.

THE LOCATION OF THE EXISTING UTILITIES AND STRUCTURES SHOWN HEREON ARE APPROXIMATE. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE EXISTENCE AND ACTUAL LOCATION OF SUCH, WHETHER SHOWN HEREON OR NOT, PRIOR TO ANY EXCAVATION ANY DAMAGES SHALL BE REPAIRED AT THE EXPENSE OF THE CONTRACTOR.

THE FLOOR ON BOTH SIDES OF A DOOR SHALL BE LEVEL AND SHALL HAVE THE SAME ELEVATION ON BOTH SIDES OF THE DOOR, FOR A DISTANCE ON EACH SIDE EQUAL TO THE WIDTH OF THE WIDEST SINGLE DOOR.

FIRE EXTINGUISHERS SHALL BE LOCATED PER THE REQUIREMENTS OF NFPA 10. THE SIZE SHALL BE A MINIMUM OF 2A-10BC AND SHALL BE INSTALLED AT A MAXIMUM OF 48' A.F.F. TO THE TOP OF THE HANDLE.

PROVIDE CONT. SOLID BLOCKING, AS REQUIRED, IN WALLS TO RECEIVE ACCESSORY ITEMS INCLUDING BUT NOT LIMITED TO THE FOLLOWING:

HANDRAILS  
TOILET ROOM ACCESSORIES  
GRAB BARS  
FIRE EXTINGUISHER CABINETS & BRACKETS  
CABINETS AND SHELVES

CLEAN AND PREPARE WALLS, DOORS, DOOR FRAMES, HANDRAILS, GUARDRAILS, ETC. PER MANUFACTURERS RECOMMENDATIONS PRIOR TO SEALING AND PAINTING.

REFER TO THE STRUCTURAL DRAWINGS FOR INFORMATION ON CONSTRUCTION AND CONTROL JOINTS IN CONCRETE SLABS AND CONCRETE AND MASONRY WALLS. SLAB JOINTS ARE SPECIFIED AND LOCATED ON THE STRUCTURAL DRAWINGS.

TEMPORARY SIGNS: PROVIDE SIGNS AS REQUIRED TO INFORM PUBLIC AND INDIVIDUALS SEEKING ENTRANCE TO PROJECT.

PROVIDE TEMPORARY, DIRECTIONAL, SIGNS FOR CONSTRUCTION PERSONNEL AND VISITORS. MAINTAIN AND TOUCHUP SIGNS SO THEY ARE LEGIBLE AT ALL TIMES.

REFER TO THE STRUCTURAL DRAWINGS FOR WALL REINFORCING, BRACING, BOND BEAMS REFER TO INDIVIDUAL DISCIPLINE'S DRAWINGS (OR SPECS) (A, S, F, P, M, C & E) FOR ITEM REQUIREMENTS THAT FALL UNDER THAT DISCIPLINE, EVEN IF SHOWN ELSEWHERE.

PROVIDE CONTINUOUS SEALANT AROUND ALL EXTERIOR WALL PENETRATIONS.

PROVIDE FIRE RATED SEALANT AND/OR FIRESTOPPING AROUND ALL PENETRATIONS IN FIRE RATED WALL, FLOOR, OR CEILING ASSEMBLIES.

WHERE NOTED AS A WALL PANEL SYSTEM, ROOFING SYSTEM, STOREFRONT SYSTEM, FLOOR SYSTEM, OR ANY OTHER SYSTEM, PROVIDE COMPLETE SYSTEM INCLUDING ALL TRIM PIECES, FASTENERS, FLASHINGS, SEALANTS, AND ANY OTHER ACCESSORIES REQUIRED FOR A COMPLETE AND PROPER INSTALLATION AS RECOMMENDED BY THE MANUFACTURER.

ALL WOOD IN CONTACT WITH CONCRETE (INCLUDING CMU) SHALL BE PRESSURE TREATED.

PROVIDED INTERIOR SIGNAGE REQUIRED ON A-108 AND AS REQUIRED

JOHNSON, LASCHOBBER & ASSOCIATES, P.C.  
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FAX (706) 724-5855  
WWW.THEJLACORP.COM

PROJECT NAME  
**HENRY BRIGHAM COMMUNITY CENTER**

PROJECT LOCATION  
2405 GOLDEN CAMP RD C, AUGUSTA, GA 30908

PROJECT NO. 3042 2005  
DRAWN BY: CBW  
CHECKED BY: W/LD  
DATE: 02/21/2022  
SHEET TITLE:  
**BUILDING INFORMATION / CODE ANALYSIS**

SCALE AS NOTED

DRAWING NO. **G-002**

REV. **0**

PROJECT NO. 3042 2005  
DRAWN BY: CBW  
CHECKED BY: W/LD  
DATE: 02/21/2022  
SHEET TITLE:  
**BUILDING INFORMATION / CODE ANALYSIS**

SCALE AS NOTED

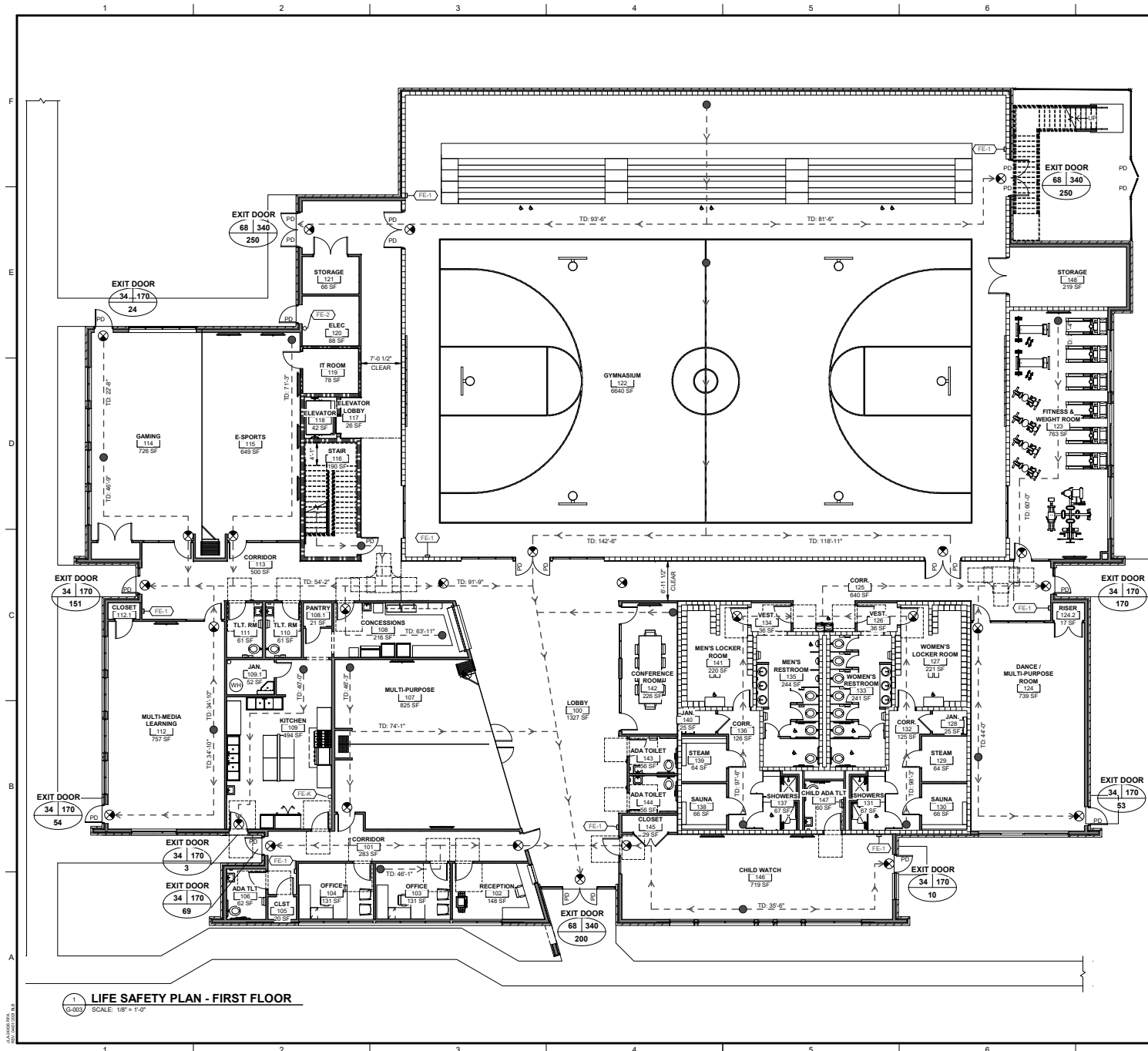
DRAWING NO. **G-002**

REV. **0**

ALAN K. HENRY  
P.E. 10000000000000000000

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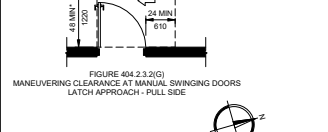
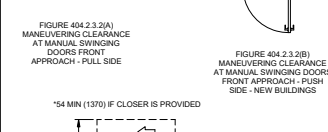
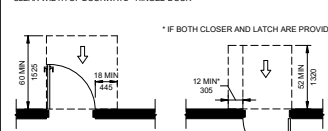
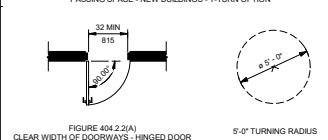
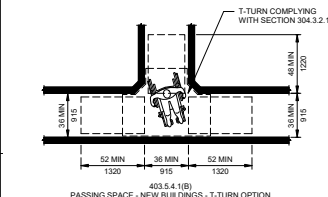




# LIFE SAFETY PLAN LEGEND

	EGRESS TRAVEL PATH, DISTANCE NOTED IS ACTUAL
	ROOM NAME & NUMBER
	ROOM AREA
	EXIT DOOR EXIT CAPACITY (DOOR EGRESS WIDTH / 0.2) ANTICIPATED LOAD EGRESS WIDTH
	PD PANIC DEVICE
	FE-1 FIRE EXTINGUISHER CABINET WITH FIRE EXTINGUISHER
	FE-2 FIRE EXTINGUISHER WITH BRACKET
	FE-3 FIRE EXTINGUISHER TYPE K
	EXIT SIGN
	MOST REMOTE POINT
	1 HR RATED WALL 8" CMU MUST HAVE EQUIVALENT THICKNESS > 2.0" UL ASSEMBLY URB SEE 1/G-002
	2 HR RATED WALL - UL U419 SEE 2/G-002

NOTE:  
1. SEE ELECTRICAL DRAWINGS FOR FIRE ALARM DEVICE LOCATIONS



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AUGUSTA GA BOARD OF COMMISSIONERS  
535 TELFAR STREET, AUGUSTA, GA 30901

PROJECT NAME  
**HENRY BRIGHAM COMMUNITY CENTER**

PROJECT LOCATION  
2483 GOLDEN CAMP RD C. AUGUSTA, GA 30908

PROJECT NO. 3042.2005  
DRAWN BY: CBW  
CHECKED BY: WLD  
DATE: 02/21/2022  
SHEET TITLE:  
**LIFE SAFETY PLAN - FIRST FLOOR**

SCALE: AS NOTED  
DRAWING NO. **G-003**  
REV: 0



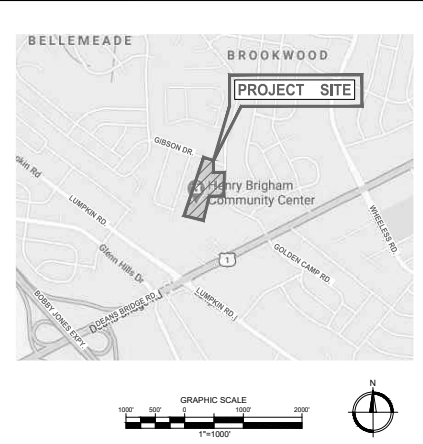




## GENERAL NOTES

1. THE CONTRACTOR WILL BE RESPONSIBLE FOR ACQUIRING ALL PERMITS AND LICENSES AS REQUIRED BY RICHMOND COUNTY NECESSARY FOR CONSTRUCTION.
2. ALL DRAINAGE EASEMENTS AND DISTURBED AREAS MUST BE GRASSED AND/OR RIPRAPPED AS REQUIRED TO CONTROL EROSION.
3. ALL CONSTRUCTION WITHIN AUGUSTA RIGHTS-OF-WAY SHALL CONFORM TO AUGUSTA RICHMOND COUNTY GEORGIA STANDARDS AND SPECIFICATIONS.
4. ALL SILT BARRIERS MUST BE PLACED IMMEDIATELY FOLLOWING CLEARING. NO GRADING SHALL BE DONE UNTIL SILT BARRIERS INSTALLATION IS COMPLETED.
5. CONTRACTOR SHALL CONTACT THE INSPECTION DIVISION OF THE PUBLIC WORKS DEPARTMENT AT LEAST 48 HOURS PRIOR TO STARTING WORK ON THE PROJECT. THE PHONE NUMBER FOR THIS OFFICE IS 706-821-1706.
6. THE OWNER WILL PROVIDE THE FOLLOWING CERTIFICATION: "I AM THE OWNER OF THE PROPERTY AFFECTED BY THIS SITE PLAN. PRIOR TO REQUESTING A CERTIFICATE OF OCCUPANCY, I WILL SUBMIT A NOTARIZED STATEMENT BY CERTIFY THAT THE SITE IMPROVEMENTS ARE COMPLETE AND IN ACCORDANCE WITH THE APPROVED PLANS AND SPECIFICATIONS. THIS CERTIFICATION WILL BE BASED ON OBSERVATIONS OF AND SUPERVISION OF CONSTRUCTION BY MY REPRESENTATIVE OR ME. I UNDERSTAND THAT THE CERTIFICATE OF OCCUPANCY WILL NOT BE APPROVED UNTIL THIS CERTIFICATION HAS BEEN MADE."
7. THERE ARE NO KNOWN GRAVE SITES OR CEMETERIES LOCATED ON THE PROPERTY. IF GRAVE SITES OR CEMETERIES ARE DISCOVERED DURING CONSTRUCTION, INFORMATION MUST BE SUBMITTED TO THE PLANNING COMMISSION IMMEDIATELY.
8. THE DEVELOPER/CONTRACTOR SHALL BE RESPONSIBLE FOR THE INITIAL INSTALLATION OF THE SIGNS SUCH AS STOP SIGNS AND OTHER TRAFFIC CONTROL DEVICES AS REQUIRED BY THE TRAFFIC ENGINEER.
9. APPROVAL BY AUGUSTA RICHMOND COUNTY, GEORGIA IS FOR THE IMPROVEMENTS SHOWN IN THE SITE PLAN. ANY VARIATION FROM THE APPROVED SITE PLAN MUST BE APPROVED BY THE CITY ENGINEER.
10. THE COST OF INSPECTION BY THE CITY OF AUGUSTA RICHMOND COUNTY'S DEPARTMENT OF PUBLIC WORKS AND ENGINEERING, BEFORE OR AFTER REGULAR WORKING HOURS, ON SATURDAYS, SUNDAYS OR LEGAL HOLIDAYS, SHALL BE PAID FOR BY THE INDIVIDUAL REQUESTING THE INSPECTION AT A RATE OF 1 1/2 TIMES THE REGULAR SALARY PER HOUR OF THE INSPECTOR PLUS 7.65% FROM THE EMPLOYER'S FICA/MEDECARE MATCH. APPROVAL FOR THE INSPECTION OUTSIDE OF NORMAL WORKING HOURS SHALL BE OBTAINED FROM THE COUNTY ENGINEER 48 HOURS IN ADVANCE. PRIOR TO THE COMMENCEMENT OF WORK REQUIRING INSPECTION OUTSIDE OF NORMAL WORKING HOURS, THE INDIVIDUAL REQUESTING THE INSPECTION SHALL SIGN A FORM WHICH IS FURNISHED BY THE DEPARTMENT OF PUBLIC WORKS AND ENGINEERING AGREEING TO PAY THE OVERTIME. THE INDIVIDUAL REQUESTING THE INSPECTION SHALL SIGN A FORM WHICH IS FURNISHED BY THE DEPARTMENT OF PUBLIC WORKS AND ENGINEERING AGREEING TO PAY THE OVERTIME. THE INDIVIDUAL REQUESTING THE INSPECTION SHALL SIGN A FORM WHICH IS FURNISHED BY THE DEPARTMENT OF PUBLIC WORKS AND ENGINEERING AGREEING TO PAY THE OVERTIME.
11. A PRE-CONSTRUCTION CONFERENCE SHALL BE HELD WITH THE CITY ENGINEER OR HIS DESIGNATED REPRESENTATIVE PRIOR TO BEGINNING CONSTRUCTION. THIS MEETING SHALL BE SCHEDULED WITH THE ENGINEERING DEPARTMENT AT THE TIME THE NOTIFICATION OF WORK COMMENCEMENT IS GIVEN.
12. ALL BOXES HAVING A DEPTH OF 4" OR GREATER SHALL HAVE STEPS. MANHOLE COVER SHALL BE LOCATED SUCH THAT STEPS CAN BE READILY ACCESSIBLE.
13. NO MARQUEE, ISLANDS, OR SPRINKLER SYSTEM TO BE LOCATED WITHIN THE RIGHT-OF-WAY. THE CONTRACTOR SHALL VERIFY I.E. OF ALL EXISTING PIPES AND ROAD GRADE ELEVATIONS OF EXISTING ROADS BEFORE BEGINNING CONSTRUCTION.
14. NOTIFY THE COUNTY ENGINEER'S OFFICE 48 HRS. PRIOR TO STARTING CONSTRUCTION, POURING TRAP TOPS, DUMPING BASE OR PAVING.
15. APPROVAL OF THESE PLANS DOES NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY OF ACHIEVING TO THE WEIGHT LIMITS PRESCRIBED ON STATE, COUNTY & CITY MAINTAINED ROADS FOR HAULING EQUIPMENT OR MATERIALS & FROM THIS SITE.
16. THE CONTRACTOR IS RESPONSIBLE TO REMOVE OR CLEAN OUT ANY SILT, DIRT, MUD OR ANY OTHER TYPE OF DEBRIS THAT COMES OFF THE SITE AND FINDS ITS WAY INTO PRIVATE PONDS OR A COUNTY OWNED POND. THEY ARE RESPONSIBLE TO REMOVE ANY OF THE ABOVE MENTIONED ITEMS THAT COME OFF THE SITE ONTO PRIVATE, COUNTY OR STATE OWNED PROPERTIES TO INCLUDE RIGHTS-OF-WAY.
17. A CAD FILE WILL BE PROVIDED FOR SITE GEOMETRY STAKING. HOWEVER THE PRINTED SEALED PLANS ARE THE RECORD. JLA IS NOT RESPONSIBLE FOR THE USE OR MISUSE OF THE ELECTRONIC FILE.
18. LOCATION OF PROPOSED BUSINESS SIGN SHALL BE IN ACCORDANCE WITH 28-B-8 OF AUGUSTA ZONING ORDINANCE AND SHALL BE SUBMITTED AND APPROVED BY THE LICENSE AND INSPECTION DEPARTMENT PRIOR TO ERECTION AND/OR INSTALLATION.
19. ANY ENCROACHMENT INTO THE COUNTY RIGHT OF WAY WHICH POSSES A RESTRICTION OF TRAFFIC FLOW OR ENDANGERS THE MOTING PUBLIC SHALL REQUIRE A TRAFFIC CONTROL PLAN PRIOR TO APPROVAL OF THE PLAN. CONTRACTOR SHALL PROVIDE A TRAFFIC CONTROL PLAN INCLUDING DETOURS AND LANE CLOSING ON ROADWAY CUTS AS REQUIRED BY THE AUGUSTA RICHMOND COUNTY COMPREHENSIVE ZONING ORDINANCE. AN ELECTRONIC (PREFERABLY CAD FILE) AS-BUILT SITE PLAN SHALL BE PROVIDED TO AUGUSTA ENGINEERING DEPARTMENT PRIOR TO ACCEPTANCE BY THE CITY OF AUGUSTA. THE AS-BUILT SHALL BE BASED ON A STANDARD SURVEY INDUSTRY COORDINATE SYSTEM AND VERTICAL DATUM.
21. A 4-FOOT X 4 FOOT PAD, 6 INCHES IN DEPTH OF 3,000 PSI CONCRETE SHALL BE POURED AROUND ALL MANHOLES AND INLET BELL MANHOLES. THE FINISHED PAVEMENT GRADE SHALL BE INSURE COMPACTED AROUND SAID MANHOLES.
22. ENGINEER'S STATEMENT OF COMPLETED SITE IMPROVEMENTS: I HEREBY CERTIFY THAT I AM A LICENSED ENGINEER IN THE STATE OF GEORGIA, TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF, SITE IMPROVEMENTS WERE CONSTRUCTED IN GENERAL CONFORMANCE WITH PERMITTED PLANS AND SPECIFICATIONS, AND IN MY PROFESSIONAL OPINION, IS IN COMPLIANCE APPLICABLE LAWS, CODES, AND ORDINANCES.
23. SIDEWALK WITHIN THE LIMITS OF THIS PROJECT SHALL MEET THE MINIMUM REQUIREMENTS FOR THE CITY OF AUGUSTA AND ADA FOR CONNECTOR STREETS.
24. THE CONTRACTOR SHALL BE REQUIRED TO HAVE ON SITE A COPY OF THE GEORGIA DEPARTMENT OF TRANSPORTATION'S STANDARD SPECIFICATIONS AND CONSTRUCTION STANDARD DETAILS, CURRENT EDITION.
25. ALL CONSTRUCTION WITHIN AUGUSTA RIGHTS-OF-WAY SHALL CONFORM TO AUGUSTA, GEORGIA STANDARDS AND SPECIFICATIONS.
26. DURING THE COURSE OF CONSTRUCTION, THE GENERAL CONTRACTOR WILL BE RESPONSIBLE TO MAINTAIN ACCESS TO THE EXISTING HENRY BRIGHAM SWIM CENTER AND THE SENIOR CENTER DURING NORMAL OPERATING HOURS. THE OWNER INTENDS TO KEEP THE SWIM CENTER AND THE SENIOR CENTER OPERATIONAL DURING THE CONSTRUCTION OF THE NEW HENRY BRIGHAM COMMUNITY CENTER.
27. PRIOR TO LAND DISTURBANCE ACTIVITIES, THE GENERAL CONTRACTOR WILL COORDINATE WITH THE OWNER AND ARCHITECT THE DEVELOPMENT OF A PLAN THAT WILL IDENTIFY ACTIVE MEANS AND METHODS TO BE INCORPORATED IN THE PROJECT TO PROVIDE SAFE EGRESS AND INGRESS TO THE EXISTING FACILITIES.
28. ALL NEW STORM WATER DRAINAGE STRUCTURES MUST HAVE POURED CONCRETE INVERTS.

## PROJECT LOCATION MAP



## CIVIL DRAWING INDEX

SHT NO.	DESCRIPTION
CG001	CIVIL COVER SHEET
CG100	OVERALL PLAN AND INDEX MAP
CV101	EXISTING CONDITIONS PLAN SHT. 1 OF 2
CV102	EXISTING CONDITIONS PLAN SHT. 2 OF 2
CD101	DEMOLITION PLAN SHT. 1 OF 2
CD102	DEMOLITION PLAN SHT. 2 OF 2
C-101	SITE LAYOUT AND STAKING PLAN SHT. 1 OF 2
C-102	SITE LAYOUT AND STAKING PLAN SHT. 2 OF 2
C-201	GRADING AND DRAINAGE PLAN SHT. 1 OF 2
C-202	GRADING AND DRAINAGE PLAN SHT. 2 OF 2
C-301	UTILITY PLAN
C-401	STORM SEWER PROFILES
C-500	E.S.P.C. GENERAL NOTES AND LEGEND
C-501	E.S.P.C. PLAN - PHASE ONE (PERIMETER CONTROL) SHT 1 OF 2
C-502	E.S.P.C. PLAN - PHASE ONE (PERIMETER CONTROL) SHT 2 OF 2
C-503	E.S.P.C. PLAN - PHASE TWO (INITIAL GRADING) SHT 1 OF 2
C-504	E.S.P.C. PLAN - PHASE TWO (INITIAL GRADING) SHT 2 OF 2
C-505	E.S.P.C. PLAN - PHASE THREE (FINAL STABILIZATION) SHT 1 OF 2
C-506	E.S.P.C. PLAN - PHASE THREE (FINAL STABILIZATION) SHT 2 OF 2
C-507	E.S.P.C. NOTES AND DETAILS SHT. 1 OF 6
C-508	E.S.P.C. NOTES AND DETAILS SHT. 2 OF 6
C-509	E.S.P.C. NOTES AND DETAILS SHT. 3 OF 6
C-510	E.S.P.C. NOTES AND DETAILS SHT. 4 OF 6
C-511	E.S.P.C. NOTES AND DETAILS SHT. 5 OF 6
C-512	E.S.P.C. NOTES AND DETAILS SHT. 6 OF 6
C-601	MISCELLANEOUS DETAILS SHT. 1 OF 5
C-602	MISCELLANEOUS DETAILS SHT. 2 OF 5
C-603	MISCELLANEOUS DETAILS SHT. 3 OF 5
C-604	MISCELLANEOUS DETAILS SHT. 4 OF 5
C-605	MISCELLANEOUS DETAILS SHT. 5 OF 5
L-101	TREE PLAN SHT. 1 OF 2
L-102	TREE PLAN SHT. 2 OF 2
L-201	TREE NOTES AND DETAILS

## SITE LEGEND

**EXISTING**

**PROPOSED**

**BLDG. STRUCTURE**

**PROPERTY LINE OR RIGHT-OF-WAY**

**BENCHMARK**

**SPOT ELEVATION**

**THREE LINE**

**CONTOUR**

**STORM DRAIN**

**FRENCH DRAIN**

**SANITARY SEWER**

**CLEAN-OUT/SS SERVICE**

**WATER**

**NATURAL GAS**

**OVERHEAD POWER**

**UNDERGROUND POWER**

**OVERHEAD TELEPHONE**

**UNDERGROUND TELEPHONE**

**CABLE**

**FIBER OPTICS**

**DITCH/SWALE**

**FENCE**

**CONCRETE**

**HEAVY-DUTY ASPHALT PAVEMENT**

**LIGHT-DUTY ASPHALT DRIVEWAY**

**CONCRETE CURB & GUTTER**

**PITCHED (SPILL)**

**NORMAL**

**2-SH 40 PVC 4" CONDUIT SUB (PAIR)**

**ASBREV.**

**DESCRIPTION**

**PROPERTY IDENTIFICATION**

**RIGHT-OF-WAY**

**HORIZ. CONTROL POINT**

**LIGHTPOLE**

**AIR CONDITIONING UNIT**

**TRANSFORMER**

**ELECTRIC BOX**

**BOLLARD**

**DROP INLET**

**INVERT**

**GI**

**GRATE INLET**

**DOUBLE WING CATCH BASIN**

**SINGLE WING CATCH BASIN**

**POTABLE WATER**

**IRRIGATION CONTROL VALVE**

**WATER METER**

**WATER VALVE**

**NATURAL GAS VALVE**

**FIRE HYDRANT**

**IRRIGATION**

**BENCHMARK**

**REBAR FOUND**

**OPEN TOP PIPE**

**CRAMPED TOP PIPE**

**SURVEY MONUMENT**

**NAIL SET**

**NAIL FOUND (MC NAIL)**

**PARKING COUNTS**

**EXISTING:**

7 HANDICAP

84 STANDARD

91 TOTAL SPACES

**TOTAL PROP.:**

12 HANDICAP

154 STANDARD

166 TOTAL SPACES

## PROJECT DATA

<b>OWNER (PRIMARY PERMITTEE):</b>	GSWCC REGION: SWDC:	REGION III
AUGUSTA RECREATION AND PARKS		BRIER CREEK
2027 LUMPKIN ROAD		
AUGUSTA, GA 30906		
<b>OWNERS CONTACT:</b>	<b>RECEIVING WATERS:</b>	TRIBUTARY OF ROCKY CREEK
MAURICE MCDOWELL		
P: 706-796-5025		
E: mmcdowell@augustaga.gov		
<b>OWNERS ENGINEER:</b>	<b>SITE INFORMATION:</b>	
JOHNSON, LASCHOB & ASSOCIATES, P.C.	LAND USE:	PUBLIC/RECREATION
RETT HARBESON, PLA	CONSTRUCTION TYPE:	DEMOLITION AND NEW CONSTRUCTION
1296 BROAD STREET		
AUGUSTA, GA 30901		
P: 706-724-5756		
E: rharbeson@theJLAgroup.com		
<b>PARCEL NO.:</b>	<b>CONSTRUCTION</b>	
096-2-075-00-0	<b>EXIT COORDINATES:</b>	32.42891° N
<b>PROPERTY ADDRESS:</b>	<b>BUILDING AREA:</b>	33'-6" (2 STORIES)
2463 GOLDEN CAMP RD.	<b>BUILDING HEIGHT:</b>	10 FT (SIDE)
AUGUSTA, GA 30906	<b>BUILDING SETBACKS:</b>	30 FT (FRONT)
		50 FT (REAR)
<b>TOTAL SITE AREA:</b>	<b>EXISTING IMPERVIOUS GROUND COVER:</b>	3.86 AC. (1.07 AC. GRAVEL)
11.40 ACRES		
<b>DISTURBED AREA:</b>	<b>ADDED IMPERVIOUS GROUND COVER :</b>	1.13 AC.
3.99 ACRES		

## E.S.P.C. NOTES:

1. THIS PROJECT DOES NOT LIE WITHIN THE ZONE AE (100-YR FLOOD PLAIN) PER FIRM NO. 13245C0120G DATED NOVEMBER 15, 2010.
2. THERE ARE NO STATE WATERS PRESENT ON OR WITHIN 200 FEET OF THE PROJECT LIMITS WITH NO BUFFER REQUIREMENT. (CHECKLIST ITEMS No. 16, 41 & 42)
3. WETLANDS ARE NOT PRESENT ON OR WITHIN 200 FEET OF THE PROJECT LIMITS. (CHECKLIST ITEM No. 19)
4. ALL CRITICAL AREAS SUCH AS STREAM CROSSING, WETLANDS, CEMETERY, ETC. ARE NOTED IN THE PLANS WITHIN THE PROJECT LIMIT.
5. EROSION AND TREE PROTECTION MEASURES SHALL BE INSTALLED PRIOR TO ANY CONSTRUCTION ACTIVITY AND MAINTAINED UNTIL PERMANENT GROUND COVER IS ESTABLISHED WITHIN THE DISTURBED AREAS.
6. "THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES AND PRACTICES PRIOR TO LAND DISTURBING ACTIVITIES". (CHECKLIST ITEM No. 19)
7. "EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE". (CHECKLIST ITEM No. 20)
8. "ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD GREATER THAN 14 DAYS SHALL BE STABILIZED WITH MULCH OR TEMPORARY SEEDING". (CHECKLIST ITEM No. 21)
9. THERE ARE NO ENDANGERED SPECIES AND ARCHEOLOGICAL SITES ON OR WITHIN 200 FEET OF THE PROJECT AREA.
10. THIS CONSTRUCTION ACTIVITY DOES NOT DISCHARGE DIRECTLY TO NOR IS WITHIN 1 LINEAL MILE OF AN OPEN STREAM SEGMENT PER 2014 INTEGRATED 305(b)(3)(3)(b) LIST OF STREAMS. (CHECKLIST ITEM No. 22 AND No. 23)
11. DEVELOPERS AND/OR CONTRACTORS ARE RESPONSIBLE TO REMOVE OR CLEAN OUT ANY SILT, DIRT, MUD OR ANY OTHER TYPE OF DEBRIS THAT COMES OFF THEIR SITE AND FINDS ITS WAY INTO A PRIVATE POND OR A COUNTY OWNED POND. THEY ARE RESPONSIBLE TO REMOVE ANY OF THE ABOVE MENTIONED ITEMS THAT COME OFF THEIR SITE ONTO PRIVATE OR COUNTY OWNED PROPERTIES TO INCLUDE RIGHTS OF WAY.
12. NON-EXEMPT ACTIVITIES SHALL NOT BE CONDUCTED WITHIN THE 25 OR 50-FOOT UNDISTURBED STREAM BUFFERS AS MEASURED FROM THE POINT OF WRESTED REGULATION OR WITHIN 25 FEET OF THE COSTAL MARSHLAND BUFFER AS MEASURED FROM THE JURISDICTIONAL DETERMINATION LINE WITHOUT FIRST ACQUIRING THE NECESSARY VARIANCES AND PERMITS. (CHECKLIST ITEM No. 15)
13. AMENDMENTS/REVISIONS TO THE EROSION, SEDIMENTATION & POLLUTION CONTROL PLAN WHICH HAVE A SIGNIFICANT EFFECT ON BMPs WITH A HYDRAULIC COMPONENT MUST BE CERTIFIED BY THE DESIGN PROFESSIONAL. (CHECKLIST ITEM No. 17)
14. WASTE MATERIALS SHALL NOT BE DISCHARGED TO WATERS OF THE STATE, EXCEPT AS AUTHORIZED BY A SECTION 404 PERMIT. (CHECKLIST ITEM No. 18)
15. THE CONTRACTOR SHALL COMPLY WITH THE "GEORGIA MANUAL FOR ON-SITE SEWAGE MANAGEMENT SYSTEMS" FOR WASTE DISPOSAL, SANITARY SEWER AND/OR SEPTIC TANK INCLUDING ALL TEMPORARY MEASURES DURING CONSTRUCTION AND AFTER CONSTRUCTION ACTIVITIES HAVE BEEN COMPLETED.
16. FINAL GRADING WILL CONSIST OF SPREADING TOPSOIL (4" MIN. TO FINISHED GRADES INDICATED ON ALL DISTURBED AREAS AND NOT PAVED).
17. ALL DISTURBED AREAS WILL BE GRASSED AND STABILIZED IMMEDIATELY AFTER GRADING ACCORDING TO THE GRASSING, FERTILIZATION AND MULCH SPECIFICATION.
18. STABILIZATION MEASURES SHALL BE INITIATED ON DISTURBED AREAS WITHIN 14 DAYS OF CESSATION OF CONSTRUCTION ACTIVITY IN THAT AREA OR WHEN CONSTRUCTION ACTIVITY WILL NOT RESUME WITHIN TWENTY-ONE (21) DAYS OR WITHIN FOURTEEN (14) DAYS OF COMPLETION OF CONSTRUCTION ACTIVITY.
19. APPENDIX B RATIONALE FOR NTU.
20. STORM WATER SAMPLING WILL BE DONE UTILIZING THE OUTFALL SAMPLING METHOD; THEREFORE, THE ALLOWABLE NTU VALUES FOR THE STORM WATER OUTFALLS ARE BASED ON THE TABLE LOCATED IN APPENDIX B OF THE PERMIT. 3.89 ACRES OF THE SITE WILL BE DISTURBED BY CONSTRUCTION. THE TOTAL SURFACE WATER DRAINAGE AREA TO THE STORMWATER SAMPLING POINT IS APPROXIMATELY 0.15 SQUARE MILES. SAMPLE POINTS ARE LOCATED IN A MARSH AREA THEREFORE, THE ALLOWABLE NTU VALUE IS 75. SEE DRAWINGS C-502, C-504 & C-506 FOR THE SAMPLE POINT LOCATION. (CHECKLIST ITEM No. 36)
21. THE CONTRACTOR IS RESPONSIBLE TO REMOVE OR CLEAN UP ANY AND ALL SEDIMENT THAT LEAVES THE PROJECT SITE.
22. PROJECT DISTURBED AREA DOES NOT EXCEED 50 ACRES. (CHECKLIST ITEM No. 3)
23. DURING CONSTRUCTION, PORT-O-LET FACILITIES WILL BE UTILIZED FOR WASTE DISPOSAL.
24. THE DESIGN PROFESSIONAL WHO PREPARED THE E.S.P.C. PLAN IS TO INSPECT THE INSTALLATION OF THE INITIAL SEDIMENT STORAGE REQUIREMENTS AND PERMITTER CONTROL BMPs WITHIN 7 DAYS AFTER INSTALLATION. (CHECKLIST ITEM No. 14)
25. THE DESIGN PROFESSIONAL WHO PREPARED THE DESIGN OF THE LOW IMPACT DEVELOPMENT (LID) FEATURES SHALL CONDUCT A POST-CONSTRUCTION SITE VISIT TO ASSESS THE INSTALLATION OF THE AS-BUILT FEATURES.
26. FINISHED FLOOR ELEVATION OF BUILDINGS A MINIMUM OF 3.0 FEET ABOVE ESTABLISHED 100-YEAR FLOODPLAIN.

STORM WATER QUALITY (SWQ) CHART					
NAME OF SWQ FEATURE	TYPE OF SWQ FEATURE	LOCATION ON PLAN	MFG. OR DESIGNED BY	UNIT MODEL #	FLOW CAPACITY (CFS)
SWQ-1	INLET FILTER BASKET	C-201 DRAINAGE STR. A-1	ADS, INC. OR APPROVED EQUAL	N/A	1.7 EACH (50% MAX FLOW)
SWQ-2	INLET FILTER BASKET	C-201 DRAINAGE STR. A-2	ADS, INC. OR APPROVED EQUAL	N/A	1.7 EACH (50% MAX FLOW)
SWQ-3	INLET FILTER BASKET	C-201 DRAINAGE STR. A-3	ADS, INC. OR APPROVED EQUAL	N/A	1.7 EACH (50% MAX FLOW)
SWQ-4	INLET FILTER BASKET	C-201 DRAINAGE STR. A-4	ADS, INC. OR APPROVED EQUAL	N/A	1.7 EACH (50% MAX FLOW)
SWQ-5	INLET FILTER BASKET	C-201 DRAINAGE STR. A-5	ADS, INC. OR APPROVED EQUAL	N/A	1.7 EACH (50% MAX FLOW)
SWQ-6	INLET FILTER BASKET	C-201 DRAINAGE STR. EX-5	ADS, INC. OR APPROVED EQUAL	N/A	1.7 EACH (50% MAX FLOW)



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### UTILITY WARNINGS

The underground utilities shown have been located from field survey information and existing drawings. The engineer makes no guarantee that the underground utilities shown comprise all such utilities in the area, either in service or abandoned. The engineer neither does nor warrants that the underground utilities shown are in the exact location indicated although he does certify that they are located as accurately as possible from information available. The engineer has not physically located the underground utilities.

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**HENRY BRIGHAM COMMUNITY CENTER**

PROJECT LOCATION: 2463 GOLDEN CAMP RD, AUGUSTA, GA 30906



DATE	REVISION	DESCRIPTION
02/21/2022	0	ISSUED FOR BID
02/21/2022	1	TAW
02/21/2022	2	BP

PROJECT NO: 3042-2005

DRAWN BY: JNR

CHECKED BY: TAW

DATE: 02/21/2022

SHEET TITLE:

### CIVIL COVER SHEET

SCALE: AS NOTED

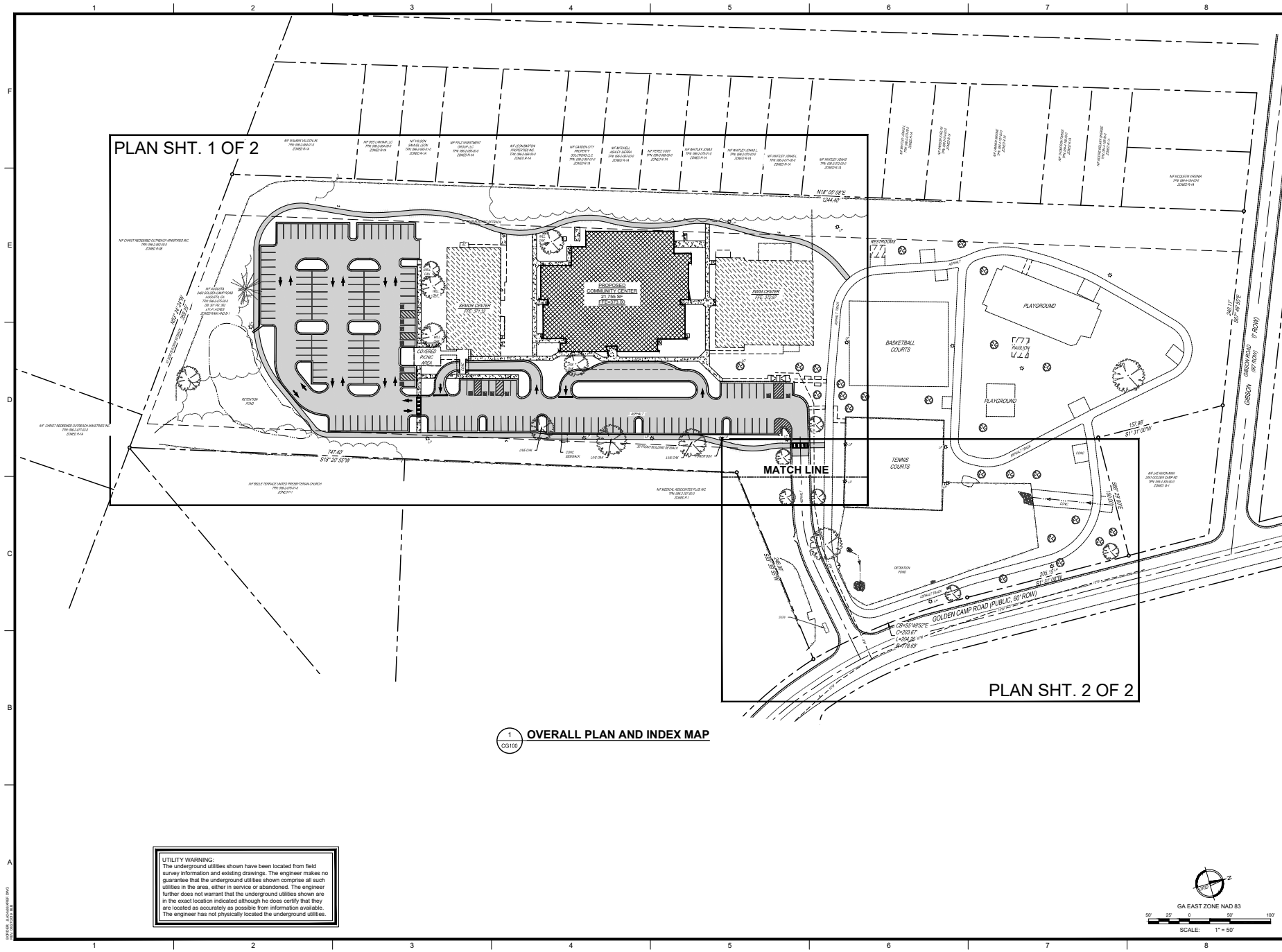
DRAWING NO:


**CG001**

REV.

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535 Telfair Street, Augusta, GA 30901

**PROJECT NAME**  
**HENRY BRIGHAM COMMUNITY CENTER**

---

**PROJECT LOCATION**  
2483 GOLDEN CAMP RD, AUGUSTA, GA 30906



NO PERSONAL  
PROFESSIONAL  
STAMP A VIOLATION

---

REV	DATE	TAW	JNR	ISSUED FOR BID	DESCRIPTION
0	02/21/22	TAW	JNR		

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PROJECT NO: 3042.0005  
DRAWN BY: JNR  
CHECKED BY: TAW  
DATE: 02/21/2022

**SHEET TITLE:**  
**OVERALL PLAN AND INDEX MAP**

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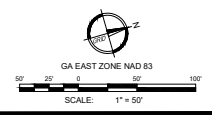
SCALE: 1" = 50'

DRAWING NO: **CG100**

ISSUED FOR BID

**UTILITY WARNING:**  
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**1 OVERALL PLAN AND INDEX MAP**  
CG100



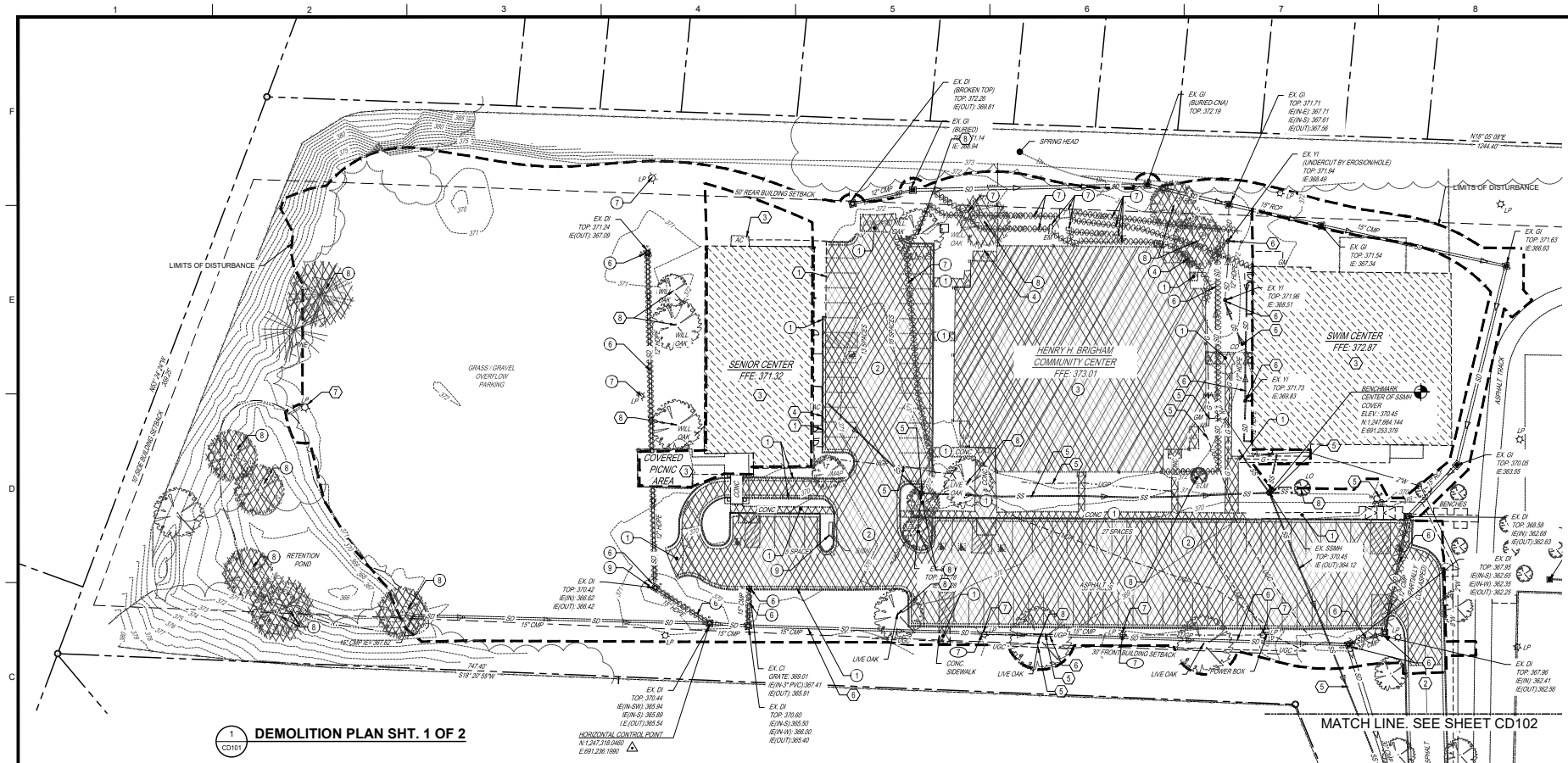












**1 DEMOLITION PLAN SHT. 1 OF 2**  
CD101

**ELEVATION NOTES**

1. GENERAL CONTRACTOR AND HIS GEORGIA LICENSED SURVEYOR SHALL VERIFY ALL INVERTS AND TIE-IN ELEVATIONS FOR ALL PROPOSED UTILITY CONNECTIONS TO EXISTING SITE UTILITIES.
2. THE PROJECT SURVEYOR SHALL CONFIRM EXISTING BUILDING FINISHED FLOOR ELEVATIONS.
3. VERIFICATION WORK MUST BE COMPLETED AND ANY DISCREPANCIES WITH THE EXISTING CONDITIONS PLAN MUST BE RESOLVED PRIOR TO LAND DISTURBANCE AND/OR CONSTRUCTION ACTIVITIES.
4. THE GENERAL CONTRACTOR MUST NOTIFY THE PROJECT ENGINEER OF ANY DISCREPANCIES PRIOR TO ANY LAND DISTURBANCE OR CONSTRUCTION ACTIVITIES.

**DEMOLITION LEGEND:**

- XXXXXX # TO BE REMOVED
- ##### # PROTECT & MAINTAIN
- /////// # TO BE ABANDONED
- ◆ # TO BE SALVAGED
- # # TO BE RELOCATED
1. CONCRETE PAVEMENT (PAVEMENT, PAD, CURB, SIDEWALK, SAWCUT OR REMOVE FROM NEAREST JOINT)
  2. ASPHALT PAVEMENT/SIDEWALK (REMOVAL OR REPLACEMENT, SEE LAYOUT PLAN)
  3. STRUCTURES (BUILDING, CANOPY, WALL)
  4. FENCE/GATE
  5. UTILITY STRUCTURE/PIPE
  6. STORM DRAIN STRUCTURE/PIPE
  7. LIGHTING/POWER STRUCTURES & LINES (TRANSFORMER, POWER POLES & LIGHT POLES)
  8. TREES / VEGETATION (TREE LINES NOT INDICATED FOR CLARITY, SEE CLEARING LIMITS)
  9. MISCELLANEOUS (SIGNS, ETC.)

**DEMOLITION NOTES:**

1. ALL ITEMS TO BE DEMOLISHED ARE SHOWN WITH A DOTTED LINETYPE (WHICH CONTRASTS THE RESPECTIVE LINETYPES OF EXISTING UTILITIES & FEATURES TO REMAIN IN PLACE).
2. CALL OUTS ARE PROVIDED FOR ITEMS TO BE DEMOLISHED, PROTECTED, ABANDONED, OR TO BE RELOCATED WITH THE NUMBERS AND SYMBOLS BELOW IN THE LEGEND. HOWEVER, THERE MAY BE OMISSIONS FOR CLARITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ITEMS IN THE PROJECT LIMITS TO ACCOMMODATE THE PROPOSED IMPROVEMENTS. FOR ITEMS SHOWN TO BE PROTECTED & MAINTAINED, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGES TO THOSE ITEMS.
3. ALL UNDERGROUND LOCATIONS ARE APPROXIMATE AND SUPPLIED BY VARIOUS UTILITY COMPANIES. NOTIFY THE ENGINEER IMMEDIATELY IN WRITING OF ANY CONFLICTS OR DISCREPANCIES.
4. CONTRACTOR TO VERIFY ALL EXISTING FIELD CONDITIONS PRIOR TO DEMOLITION & CONSTRUCTION WORK.
5. ALL DEMOLISHED ITEMS TO BE REMOVED FROM SITE & DISPOSED OF IN LEGAL MANNER OR UPON OWNER'S DISCRETION.
6. CONTRACTOR TO ESTABLISH A PERMANENT BENCHMARK PRIOR TO COMMENCING WITH CONSTRUCTION.
7. UNDERGROUND UTILITIES TO BE PLUGGED AT BOTH ENDS OF THE ABANDONED SECTION AND ABANDONED SECTIONS TO BE FILLED WITH FLOWABLE FILL.
8. REFER TO EPC PLANS FOR TOPSOIL STOCKPILE LOCATIONS. AREA STRIPING FOR TOPSOIL NOT SHOWN FOR CLARITY.
9. PRIOR TO BUILDING DEMOLITION CONTRACTOR SHALL COORDINATE WITH OWNER AND UTILITY PROVIDERS TO ENSURE ALL EQUIPMENT OWNED BY UTILITY COMPANIES IS REMOVED.

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GA EAST ZONE NAD 83  
SCALE: 1" = 30'  
CD101

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PROJECT NAME: **HENRY BRIGHAM COMMUNITY CENTER**  
PROJECT LOCATION: 2483 GOLDEN CAMP RD, AUGUSTA, GA 30906



REV	DATE	TITLE	DESCRIPTION
0	02/21/2022	TAW	ISSUED FOR BID

PROJECT NO: 3042.2005  
DRAWN BY: AR  
CHECKED BY: JDP  
DATE: 02/21/2022

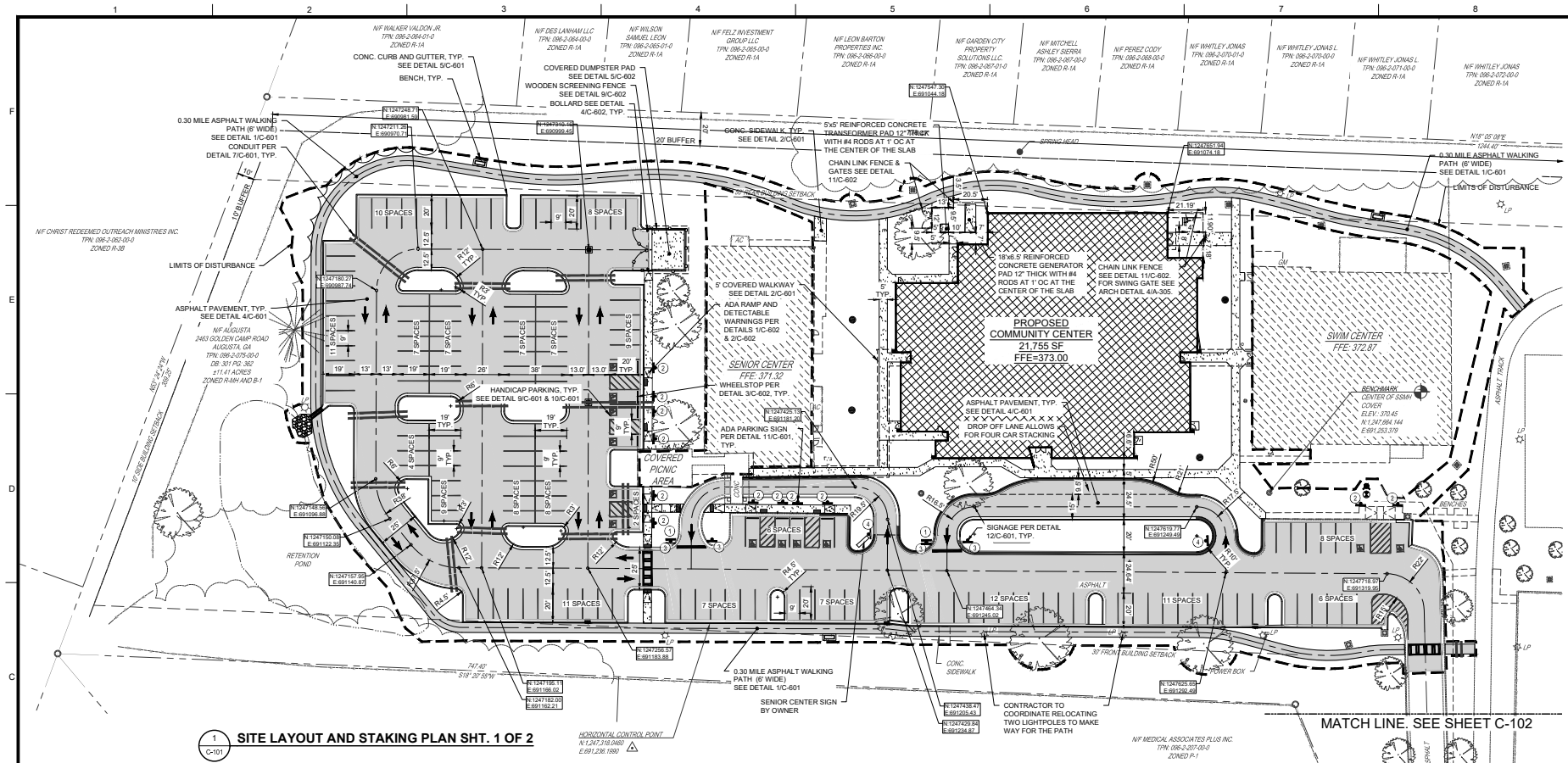
**DEMOLITION PLAN SHT. 1 OF 2**

SCALE: 1" = 30'  
DRAWING NO: **CD101**  
ISSUED FOR BID









# ROADWAY SIGNING & MARKING LEGEND

- 24SB 24' SOLID WHITE STOP BAR
- STOP SIGN R-1 (36)
- HANDICAPPED PARKING SIGN (DETAIL 11C-601)
- DO NOT ENTER SIGN (R-5)
- ENTER SIGN (RIGHT ARROW) (K-1789)

NOTE: SEE DETAILS FOR ADDITIONAL PAVEMENT MARKING INFORMATION.

# LAYOUT AND STAKING NOTES:

1. BUILDING COORDINATES ARE APPROXIMATE. SEE ARCHITECTURAL DRAWINGS FOR ADDITIONAL BUILDING INFORMATION, DIMENSIONS AND SIDEWALK LOCATIONS.
2. BUILDING AND PARKING LOT ACCESS SHALL BE CONSTRUCTED IN COMPLIANCE WITH LATEST ADA STANDARDS FOR ACCESSIBLE DESIGN, OR MOST CURRENT EDITION.
3. ALL DIMENSIONS AND/OR COORDINATES ARE FROM FACE OF CURB, EDGE OF CONCRETE PAVEMENT AND/OR FACE OF BUILDING.
4. COORDINATE ALL CONCRETE JOINTS, SCORING PATTERNS, TEXTURE & COLOR WITH OWNER.
5. ALL PAVEMENT MARKINGS AND SIGNAGE TO BE IN ACCORDANCE WITH AUGUSTA-RICHMOND COUNTY, GDOT, AASHTO, AND MUTCD.
6. THE CONTRACTOR SHALL NOTIFY AND RECEIVE APPROVAL FOR THE METHOD, SPACING REQUIREMENTS, AND SCHEDULING OF CONSTRUCTION FROM THE OWNER PRIOR TO COMMENCEMENT OF CONSTRUCTION.
7. THE CONTRACTOR SHALL MAINTAIN EXISTING TRAFFIC AT ALL TIMES DURING CONSTRUCTION.
8. THE CONTRACTOR SHALL REPAIR OR REPLACE AT NO COST TO THE OWNER ANY DAMAGE INCURRED TO ABOVE OR BELOW GROUND UTILITY SERVICES OR ANY EXISTING STRUCTURES.
9. EXCESS EARTH MAY BE STOCKPILED ON SITE AS DIRECTED BY THE OWNER. STOCKPILE SHOULD NOT OBSTRUCT NATURAL DRAINAGE OR CAUSE OFFSITE ENVIRONMENTAL DAMAGE.
10. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, LOCATIONS, CONDITIONS AND COMPLETENESS OF ALL EXISTING CONSTRUCTION SHOWN BEFORE COMMENCEMENT OF CONSTRUCTION.
11. PROVIDE TWO (2) SCHED. 40 PVC (TYP.) AT ROAD CROSSING, SIDEWALKS, AND CURB ISLANDS AS SHOWN ON LAYOUT AND STAKING PLAN SHEET C-101. SEE DETAIL 71C-601. COPPER WIRE (12 GAGE, BARE SINGLE STRAND) SHALL BE ATTACHED ALONG TOP OF ALL BURIED CONDUIT LINES AND WRAPPED AROUND END SECTIONS FOR LOCATING PURPOSES.
12. LIGHTING LOCATION AND INSTALLATION TO BE DESIGNED AND CONDUCTED BY GEORGIA POWER.

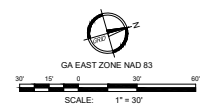
# NOTES:

1. DURING THE COURSE OF CONSTRUCTION, THE GENERAL CONTRACTOR WILL BE RESPONSIBLE TO MAINTAIN ACCESS TO THE EXISTING HENRY BRIGHAM SWIM CENTER AND THE SENIOR CENTER DURING NORMAL OPERATING HOURS. THE OWNER INTENDS TO KEEP THE SWIM CENTER AND THE SENIOR CENTER OPERATIONAL DURING THE CONSTRUCTION OF THE NEW HENRY BRIGHAM COMMUNITY CENTER.
- PRIOR TO LAND DISTURBANCE ACTIVITIES, THE GENERAL CONTRACTOR WILL COORDINATE WITH THE OWNER AND ARCHITECT THE DEVELOPMENT OF A PLAN THAT WILL IDENTIFY ACTIVE MEANS AND METHODS TO BE INCORPORATED IN THE PROJECT TO PROVIDE SAFE EGRESS AND INGRESS TO THESE EXISTING FACILITIES.

PARKING COUNT:			
EXISTING:			
STANDARD	84 SPACES		
HANDICAP	7 SPACES		
TOTAL	91 SPACES		
TOTAL PROPOSED:			
STANDARD	154 SPACES		
HANDICAP	12 SPACES		
TOTAL	166 SPACES		

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**HENRY BRIGHAM COMMUNITY CENTER**  
 PROJECT NAME  
 2403 GOLDEN CAMP RD., AUGUSTA, GA 30906  
 PROJECT LOCATION



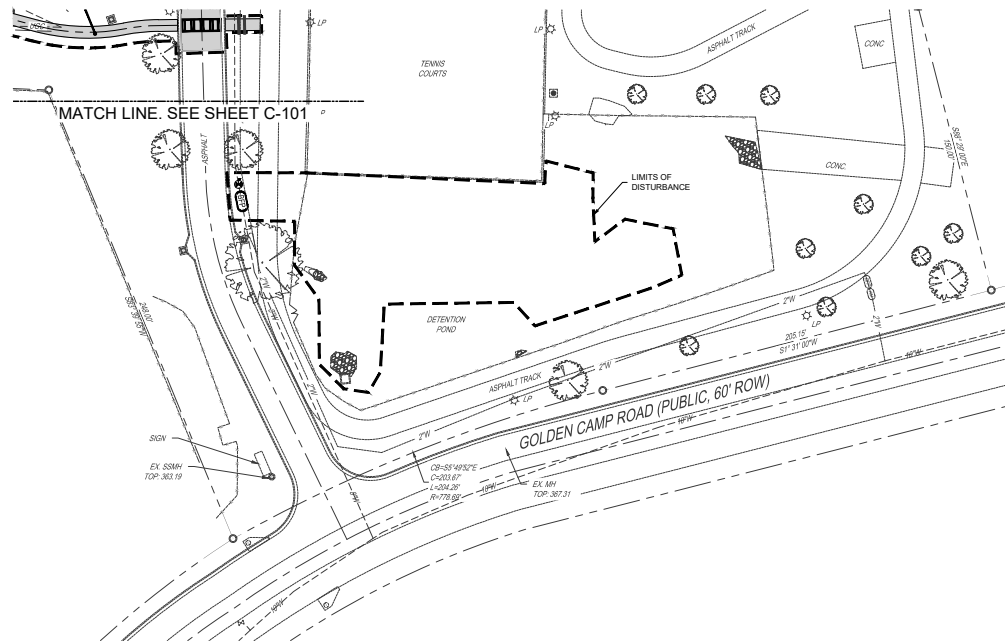
REV	DATE	TAW	DESCRIPTION
0	02/21/2022	TAW	ISSUED FOR BID

PROJECT NO. 3042 2005  
 DRAWN BY: JNR  
 CHECKED BY: TAW  
 DATE: 02/21/2022

# SITE LAYOUT AND STAKING PLAN SHT. 1 OF 2

SCALE: 1" = 30'  
 DRAWING NO. **C-101**  
 ISSUED FOR BID





**1 SITE LAYOUT AND STAKING PLAN SHT. 2 OF 2**  
C-102

NOTE: REFER TO C-101 FOR SITE & LAYOUT NOTES.

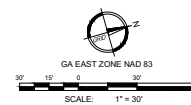
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**PROJECT NAME:** HENRY BRIGHAM COMMUNITY CENTER  
**PROJECT LOCATION:** 2483 GOLDEN CAMP RD, AUGUSTA, GA 30906



REV	DATE	BY	DESCRIPTION
0	02/21/2022	TAW	ISSUED FOR BID

PROJECT NO.: 3042.2005  
DRAWN BY: JNR  
CHECKED BY: TAW  
DATE: 02/21/2022

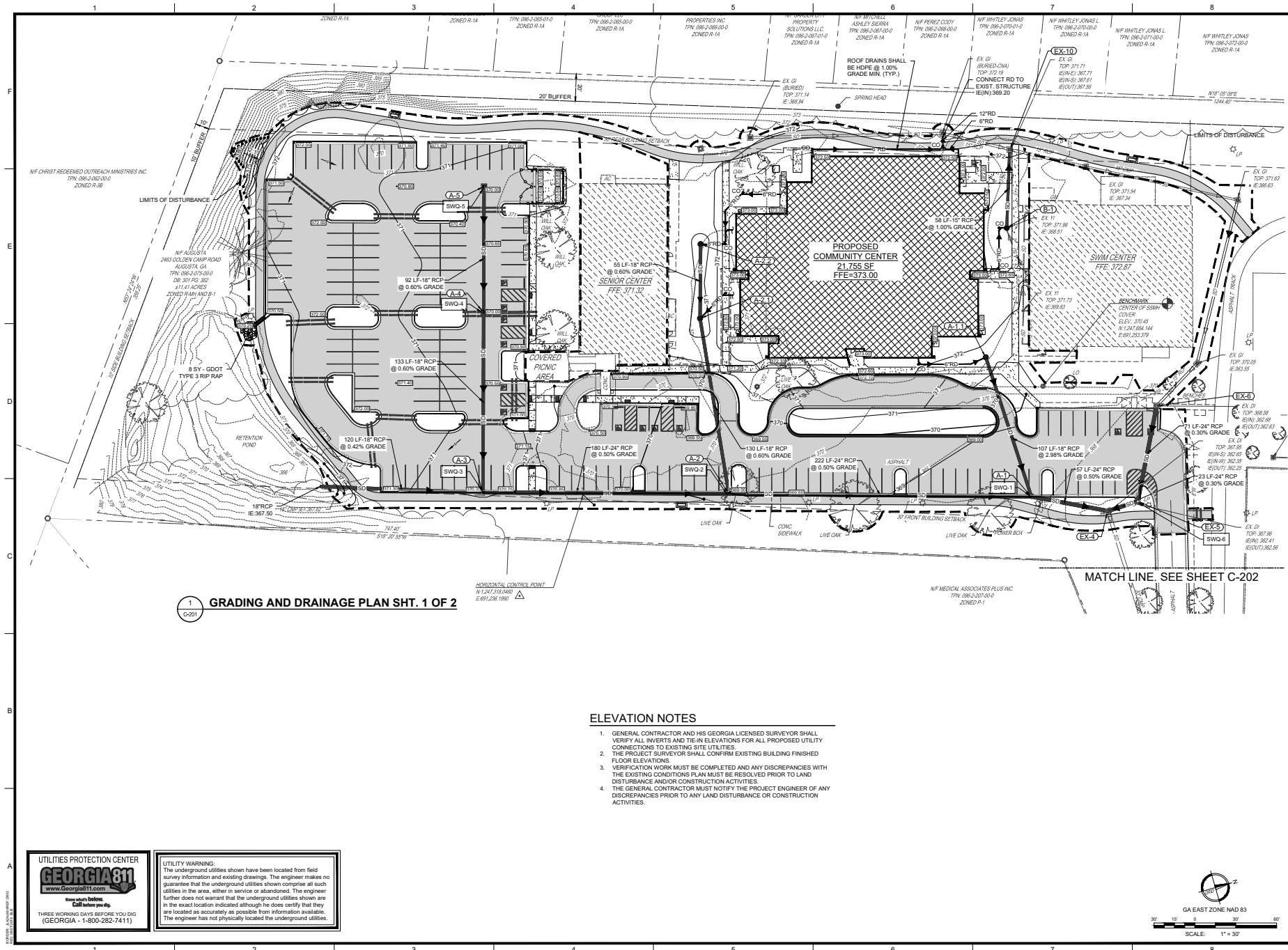
**SHEET TITLE:**  
**SITE LAYOUT AND STAKING PLAN SHT. 2 OF 2**

SCALE: 1" = 30'

DRAWING NO.: **C-102** REV: 0

ISSUED FOR BID





1 GRADING AND DRAINAGE PLAN SHT. 1 OF 2  
C-201

ELEVATION NOTES

1. GENERAL CONTRACTOR AND HIS GEORGIA LICENSED SURVEYOR SHALL VERIFY ALL INVERTS AND TIE-IN ELEVATIONS FOR ALL PROPOSED UTILITY CONNECTIONS TO EXISTING SITE UTILITIES.
2. THE PROJECT SURVEYOR SHALL CONFIRM EXISTING BUILDING FINISHED FLOOR ELEVATIONS.
3. VERIFICATION WORK MUST BE COMPLETED AND ANY DISCREPANCIES WITH THE EXISTING CONDITIONS PLAN MUST BE RESOLVED PRIOR TO LAND DISTURBANCE AND/OR CONSTRUCTION ACTIVITIES.
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PROJECT NAME  
**HENRY BRIGHAM COMMUNITY CENTER**  
PROJECT LOCATION  
2403 GOLDEN CAMP RD, AUGUSTA, GA 30906



REV	DATE	TITLE	DESCRIPTION
0	02/21/2022	TAW	ISSUED FOR BID

PROJECT NO: 3042.2005  
DRAWN BY: AR  
CHECKED BY: JDP  
DATE: 02/21/2022

SHEET TITLE:  
**GRADING AND DRAINAGE PLAN  
SHT. 1 OF 2**

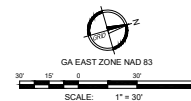
SCALE: 1" = 30'  
DRAWING NO:  
**C-201**  
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1. GENERAL CONTRACTOR AND HIS GEORGIA LICENSED SURVEYOR SHALL VERIFY ALL INVERTS AND TIE-IN ELEVATIONS FOR ALL PROPOSED UTILITY CONNECTIONS TO EXISTING SITE UTILITIES.
2. THE PROJECT SURVEYOR SHALL CONFIRM EXISTING BUILDING FINISHED FLOOR ELEVATIONS.
3. VERIFICATION WORK MUST BE COMPLETED AND ANY DISCREPANCIES WITH THE EXISTING CONDITIONS PLAN MUST BE RESOLVED PRIOR TO LAND DISTURBANCE AND/OR CONSTRUCTION ACTIVITIES.
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# GENERAL AUD NOTES

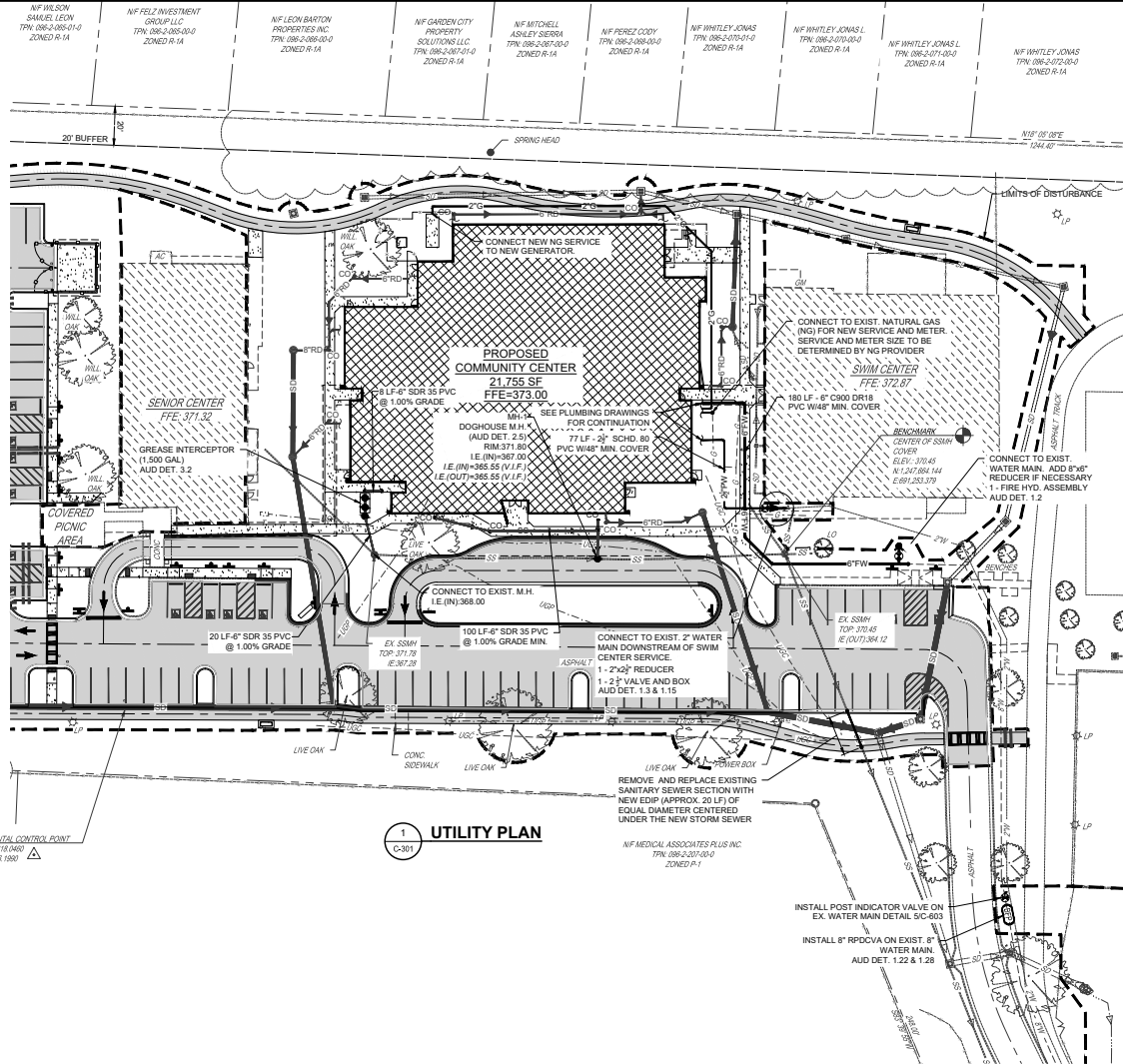
1. ALL CONSTRUCTION OF WATER DISTRIBUTION SYSTEMS AND WASTEWATER COLLECTION SYSTEM LINES SHALL BE IN ACCORDANCE WITH AUGUSTA UTILITIES DEPARTMENT (AUD) WATER & SANITARY SEWER SYSTEMS-DESIGN STANDARDS, CONSTRUCTION SPECIFICATIONS AND DETAILS (LATEST PUBLICATION).
2. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE EXACT LOCATION, SIZE, AND MATERIAL OF ANY EXISTING WATER OR SANITARY SEWER UTILITY PROPOSED FOR CONNECTION OR USE BY THE PROJECT.
3. CONTRACTOR SHALL CONTACT THE UTILITIES PROTECTION INC. "CALL BEFORE YOU DIG" SERVICE (811) IN ORDER TO LOCATE UTILITIES PRIOR TO STARTING ANY EXCAVATION OR CONSTRUCTION. THE LOCATIONS OF UNDERGROUND UTILITIES AS SHOWN ON PLANS ARE APPROXIMATE AS DETERMINED FROM EXISTING RECORDS.
4. THE CONTRACTOR SHALL COORDINATE THE WORK OF THE UTILITY COMPANIES.
5. THE AUGUSTA ENGINEERING DEPARTMENT (AED) SHALL BE NOTIFIED AT LEAST 48 HOURS (TWO WORKING DAYS) IN ADVANCE DURING REGULAR WORKING HOURS (8:30AM TO 5:00PM, MONDAY-FRIDAY, EXCLUDING AUGUSTA, GEORGIA HOLIDAYS) PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION ACTIVITY WITHIN AUGUSTA, GEORGIA RIGHT-OF-WAY. CONTACT AED AT (706)421-1790.
6. THE AUD ENGINEERING DIVISION SHALL BE NOTIFIED AT LEAST 48 HOURS (TWO WORKING DAYS) IN ADVANCE DURING REGULAR WORKING HOURS (8:30 AM TO 5:00 PM, MONDAY-FRIDAY, EXCLUDING AUGUSTA, GEORGIA HOLIDAYS) PRIOR TO ANY CONSTRUCTION, TIE-IN, OR TEST/TIE-OUT OF WATER OR WASTEWATER UTILITIES. NO WORK SHALL COMMENCE UNTIL CONTACT IS MADE WITH THE PROJECT'S AUD INSPECTIONS REPRESENTATIVE.
7. DISTURBANCE OF ANY SURVEY MARKERS OR MONUMENTS REQUIRES RE-ESTABLISHMENT BY A PROFESSIONAL LAND SURVEYOR AT THE CONTRACTOR'S EXPENSE. DOCUMENTATION OF THE WORK MUST BE PRESENTED TO THE AUD ENGINEERING DIVISION BEFORE THE PROJECT IS COMPLETED.
8. ANY DISCREPANCIES, ERRORS, OR OMISSIONS DISCOVERED ON PLANS OR IN THE SPECIFICATIONS SHOULD BE NOTED ON THE CONTRACT PROPOSAL AND DOES NOT RELIEVE THE CONTRACTOR OF RESPONSIBILITY TO CORRECT THE SAME.
9. ALL CONCRETE SHALL HAVE MINIMUM 28-DAY STRENGTH OF 3,000 PSI.
10. IF A CONFLICT ARISES BETWEEN THE NEW WORK AND THE EXISTING WATER AND SEWER UTILITIES DURING THE COURSE OF CONSTRUCTION, IT WILL BE THE RESPONSIBILITY OF THE OWNER/DEVELOPER/CONTRACTOR, AT THEIR EXPENSE AND NOT AUDS, TO CORRECT THE DISCREPANCY AS DIRECTED BY A REPRESENTATIVE OF AUD.
11. ALL EXISTING AUGUSTA ROAD STRUCTURES SUCH AS STORM MANHOLES, INLET BOXES, ETC., SHALL BE MAINTAINED AND OR ADJUSTED AS IS APPROPRIATE TO ENSURE PROPER USE.
12. ALL MATERIALS DEEMED SALVAGEABLE BY AUD ARE THE PROPERTY OF AUGUSTA, GEORGIA AND WILL BE REMOVED AND STORED ON SITE IN A SECURED AREA DETERMINED DURING CONSTRUCTION BY THE CONTRACTOR, AND AUGUSTA UTILITIES DEPARTMENT.
13. FOR PRIVATE DEVELOPMENTS, AUD SHALL NOT BE RESPONSIBLE FOR PAVEMENT PATCHING AND/OR REPLACEMENT AND THE SITE RESTORATION WHENEVER AUD PERFORMS REPAIR, REPLACEMENT OR INSTALLATION WORK.
14. IF AUD MUST REPAIR OR REPLACE UTILITIES ON THE WORK SITE, THEN THE RESPONSIBLE PARTY SHALL ARRANGE FOR ACCESS BY AUD AS REQUIRED TO REPAIR OR REPLACE THE UTILITY.
15. A MINIMUM 20' UTILITY EASEMENT CENTERED OVER ALL WATER LINES AND A MINIMUM 20' UTILITY EASEMENT CENTERED OVER ALL WASTEWATER LINES SHALL BE DEEDED TO AUGUSTA, GEORGIA AT COMPLETION AND ACCEPTANCE OF SAID LINES. EASEMENTS CONTAINING BOTH WATER AND SEWER SHALL BE 10' FROM THE CENTER OF THE UTILITY TO THE CENTER OF THE EASEMENT, WHILE MAINTAINING MINIMUM SEPARATION REQUIREMENTS AS LISTED IN AUDS WATER AND SANITARY SEWER SYSTEMS-DESIGN STANDARDS, CONSTRUCTION SPECIFICATIONS, AND DETAILS.
16. A RIGHT-OF-WAY ENCROACHMENT PERMIT SHALL BE OBTAINED FROM AUD PRIOR TO COMMENCING ANY WORK WITHIN AN AUGUSTA, GEORGIA RIGHT-OF-WAY. THE UTILITIES ENCROACHMENT PERMIT MUST BE APPLIED FOR THROUGH AUD.
17. "A GEORGIA DOT RIGHT-OF-WAY ENCROACHMENT PERMIT MAY BE REQUIRED FOR WORK ON TEMPORARY OR PERMANENT STATE ROUTES. CONTACT AUD ENGINEERING DIVISION FOR MORE INFORMATION. IF A PERMIT IS REQUIRED, THE UTILITIES ENCROACHMENT PERMIT MUST BE APPLIED FOR THROUGH AUD. CONDITIONS OF THE PERMIT MUST BE COMPLIED WITH FULLY. THE PERMIT MUST BE IN HAND A MINIMUM 24 HOURS NOTICE GIVEN TO GDOT PRIOR TO BEGINNING ANY WORK IN THE GDOT RIGHT-OF-WAY."
18. TRAFFIC CONTROL DEVICES SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), ALSO, A TRAFFIC CONTROL PLAN SHALL BE SUBMITTED TO THE CITY ENGINEER FOR APPROVAL AS NOTED IN THE AUGUSTA RICHMOND COUNTY, GEORGIA RIGHTS-OF-WAY ENCROACHMENT GUIDELINES.
19. THE CONTRACTOR AND THE AUD REPRESENTATIVE SHALL HAVE A COPY OF THE AUGUSTA RICHMOND COUNTY, GEORGIA RIGHTS-OF-WAY ENCROACHMENT GUIDELINES DEVELOPMENT DOCUMENT #15, ADOPTED JUNE 1999, AMENDED AUGUST 2000. THE REQUIREMENTS SET FORTH IN THIS DOCUMENT SHALL BE ADHERED TO AT ALL TIMES.
20. CLEARING AND GRUBBING SHALL BE AT THE CONTRACTOR'S DISCRETION, SUBJECT TO AUD APPROVAL, TO FACILITATE CONSTRUCTION.
21. THE IMPLEMENTATION OF BEST MANAGEMENT PRACTICES (BMPs) FOR EROSION AND SEDIMENT CONTROL IN ACCORDANCE WITH THE MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA SHALL BE INSTALLED AND MAINTAINED AT ALL TIMES.

## AUD WATER NOTES

1. AN AUD INSPECTOR SHALL BE PRESENT OR SECTION LEFT UNCOVERED UNTIL INSPECTED BY THE INSPECTOR WHEN A TAP, TIE-IN OCCURS, RESTRAINED JOINTS ARE INSTALLED, BENDS, FITTINGS, FIRE HYDRANTS, VALVES AND PRESSURE TESTING. CONTRACTOR IS TO PROVIDE AT LEAST 48 HOUR NOTICE (TWO WORKING DAYS) IN ADVANCE DURING REGULAR WORKING HOURS (8:30 AM TO 5:00 PM, MONDAY-FRIDAY, EXCLUDING AUGUSTA, GEORGIA HOLIDAYS).
2. ALL PVC WATER LINES SHALL BE A MINIMUM DR-18 PVC MEETING AWWA C-300 AND/OR C-905, UNLESS OTHERWISE SHOWN OR SPECIFIED.
3. ALL DIP WATER LINES SHALL BE CLASS 350 FOR LINES 18" DIAMETER AND SMALLER, AND CLASS 300 FOR LINES 18" DIAMETER THROUGH 24" DIAMETER, UNLESS OTHERWISE SPECIFIED OR SHOWN.
4. ALL NEW WATER LINES SHALL BE INSTALLED PER PIPELINE MANUFACTURER RECOMMENDATIONS.
5. ALL WATER LINES SHALL BE TESTED, CHLORINATED, AND CHECKED FOR BACTERIA PER AUDS WATER & SANITARY SEWER SYSTEMS-DESIGN STANDARDS, CONSTRUCTION SPECIFICATIONS AND DETAILS.
6. COPPER WIRE (12-GAUGE, INSULATED, SINGLE STRAND) SHALL BE ATTACHED ALONG TOP OF ALL BURIED WATER LINES, WRAPPED AROUND SERVICE CONNECTIONS AND BROUGHT UP ON THE TOP OF THE FACILITATE TRACEABILITY. THIS WIRE SHALL BE PROPERLY SPLICED WITH A WATER PROOF CONNECTOR FOR ELECTRICAL CONNECTIVITY, AND THEN INSULATED TO PROTECT AGAINST CORROSION (REFERENCE AUD DETAILS WHEN APPLICABLE).
7. DETECTOR TAPE SHALL BE 4 INCHES WIDE AND PLACED 2 FEET ABOVE PIPE. ADD SIMILAR DEVICE TO CONDUIT PER AUD DETAIL 4.3.
8. ALL WATER VALVES ON THE MAIN LINES, INCLUDING HYDRANT LATERALS, SHALL BE OPEN-LEFT IF INSTALLED SOUTH OF GORDON HIGHWAY (S.R. 10), OR OPEN-RIGHT IF INSTALLED NORTH OF GORDON HIGHWAY.
9. THE CONTRACTOR SHALL FURNISH, INSTALL, AND MAINTAIN A METER BOX AT THE TERMINATION POINT OF ALL BURIED WATER SERVICES. METER BOXES WILL IN NO WAY BE PLACED UNDER DRIVEWAYS. METER BOXES WILL PREFERABLY BE LOCATED IN THE CENTER OF THE LOT AND WITHIN 1' INSIDE OF THE R/W, AND MAINTAINED BY THE CONTRACTOR UNTIL SUCH TIME THE METER IS INSTALLED.
10. WATER SERVICES SHALL HAVE MINIMUM DIAMETER OF 1" INCH (REFERENCE AUD DETAILS WHEN APPLICABLE).
11. ANY EXISTING WATER SERVICE LINES WHICH ARE EXTENSIONS OFF AN EXISTING WATER MAIN TO BE ABANDONED DISCOVERED DURING CONSTRUCTION SHALL BE REPAIRED. THESE NEW SERVICE LINES ARE TO BE TIED TO THE NEW WATER MAIN AND BE RECONNECTED TO THE EXISTING WATER METER.
12. ALL EXISTING WATER SERVICES SHALL BE EXTENDED AND METER BOXES RELOCATED AS REQUIRED BEYOND THE LIMITS OF CONSTRUCTION. THE SERVICES SHALL BE CONNECTED TO THE NEW WATER MAIN AFTER SAID MAIN HAS BEEN STERILIZED, PRESSURE TESTED AND PUT INTO SERVICE. IN THE EVENT THAT THE SERVICE LINE IS NOT ACTIVE, A NEW WATER SERVICE WILL BE REQUIRED TO BE CONSTRUCTED.
13. ALL WATER METERS SHALL BE PURCHASED FROM AUD CONSTRUCTION AND MAINTENANCE DIVISION.
14. THE DEVELOPER/CONTRACTOR SHALL LOCATE WATER SERVICES AND VALVES BY ETCHING A "W" FOR THE WATER SERVICE AND A "V" FOR A VALVE IN THE CURB OR IN THE PAVEMENT IF NO CURB IS AVAILABLE, AND HIGHLIGHT THE ETCHING WITH BLUE PAINT PER THE APWA UNIFORM COLOR CODE. IN THE EVENT THAT THE VALVE IS LOCATED BEHIND THE CURB OR PAVEMENT, INVERT THE "V" MARKING SO THAT IT POINTS TO THE VALVE OUTSIDE THE ROADWAY.
15. FIRE HYDRANTS ARE TO BE LOCATED A MINIMUM OF ONE FOOT INSIDE EXISTING RIGHT-OF-WAY WITH A 3 FOOT RADIUS CLEARANCE.
16. EXISTING FIRE HYDRANTS AND METERS THAT ARE REMOVED SHALL BE TURNED OVER TO AUD.
17. PER AUDS WATER & SANITARY SEWER SYSTEMS-DESIGN STANDARDS, CONSTRUCTION SPECIFICATIONS AND DETAILS:
  - a. FOR BACKFLOW INSTALLATIONS FOR NON-RESIDENTIAL DEVELOPMENT, A MINIMUM "DOUBLE CHECK" BACKFLOW-PREVENTION DEVICE SHALL BE INSTALLED ON THE CUSTOMER'S SIDE OF ALL SERVICES.
  - b. FIRE LINES REQUIRE A MINIMUM "DOUBLE DETECTOR" BACKFLOW DEVICE.
  - c. FOR BACKFLOW INSTALLATIONS FOR RESIDENTIAL DEVELOPMENTS, A "DUAL CHECK" BACKFLOW DEVICE SHALL BE INSTALLED ON THE CUSTOMER'S SIDE OF THE SERVICE LINE AT THE POINT OF TIE-IN TO THE WATER METER.
  - d. FOR SOME MEDIUM HAZARD TO HIGH HAZARD LOCATIONS, A REDUCED PRESSURE ZONE (RPZ) BACKFLOW DEVICE WILL BE REQUIRED.
18. BACKFLOW DEVICES SHALL BE TESTED BY A CERTIFIED PERSON WITHIN FIVE (5) WORKING DAYS OF INSTALLATION AND THE RESULTS FURNISHED TO THE AUD BACKFLOW INSPECTOR WITHIN 10 WORKING DAYS OF INSTALLATION PRIOR TO ANY WATER USE. AUD SHALL BE NOTIFIED PRIOR TO TESTING CONTACT THE AUGUSTA UTILITIES BACKFLOW INSPECTOR AT 706-722-1638.

## AUD SEWER NOTES

1. AN AUD INSPECTOR SHALL BE PRESENT OR SECTION LEFT UNCOVERED UNTIL INSPECTED BY THE INSPECTOR WHEN A CORE, TAP, TIE-IN OCCURS, MANHOLE INSTALLED, AND ALL REQUIRED TESTING. CONTRACTOR IS TO PROVIDE AT LEAST 48 HOUR NOTICE (TWO WORKING DAYS) IN ADVANCE DURING REGULAR WORKING HOURS (8:30 AM TO 5:00 PM, MONDAY-FRIDAY, EXCLUDING AUGUSTA, GEORGIA HOLIDAYS).
2. THE CONTRACTOR IS TO VERIFY THE INVERT ELEVATIONS (I.E.) OF EXISTING PIPES PRIOR TO BEGINNING CONSTRUCTION.
3. SEWER FORCE MAIN SHALL BE PVC DR-18 C-200 OR C-260 AS APPLICABLE OR DIP CLASS 350, EPOXY LINED.
4. ALL NEW SEWER LINES SHALL BE INSTALLED PER PIPELINE MANUFACTURER REQUIREMENTS.
5. COPPER WIRE (12-GAUGE, INSULATED, SINGLE STRAND) SHALL BE ATTACHED ALONG TOP OF ALL BURIED SEWER LINES TO FACILITATE TRACEABILITY. THE WIRE SHALL RUN ALONG THE TOP OF THE MAIN AND ALONG INDIVIDUAL SERVICE LINES AND BROUGHT UP ON THE OUTSIDE OF ALL MANHOLES, CLEANOUTS, OR OTHER ABOVE GROUND FEATURES STUBBING OUT AT THE TOP FOR LOCATING PURPOSES. THIS WIRE SHALL BE PROPERLY SPLICED WITH A WATER PROOF CONNECTOR FOR ELECTRICAL CONNECTIVITY, AND THEN INSULATED TO PROTECT AGAINST CORROSION (REFERENCE AUD DETAILS WHEN APPLICABLE).
6. DETECTOR TAPE SHALL BE 4 INCHES WIDE AND PLACED 2 FEET ABOVE PIPE. ADD SIMILAR DEVICE TO CONDUIT PER AUD DETAIL 4.3.
7. ALL TIE-INS TO EXISTING MANHOLES SHALL BE CORED UNLESS OTHERWISE APPROVED BY AUD INSPECTOR.
8. ALL MANHOLES REQUIRE "N OR N-BEAT" OR EQUAL RUBBER BOOTS, UNLESS OTHERWISE APPROVED BY AUD INSPECTOR.
9. NO CONNECTION SHALL BE MADE TO EXISTING WASTEWATER LINES UNTIL THE PROPOSED LINE IS INSPECTED AND APPROVED BY AUDS ENGINEERING DIVISION.
10. ALL WASTEWATER MANHOLES SHALL HAVE AN ELEVATION DROP OF 0.2 FOOT ACROSS THE INLET AND OUTLET INVERTS.
11. WASTEWATER CLEAN-OUTS SHALL BE INSTALLED AT ALL INDIVIDUAL SERVICES AS SHOWN IN AUD-DETAILS, AND SHALL NOT BE INSTALLED UNDER DRIVEWAYS OR ANY PAVED AREAS WITHOUT PRIOR APPROVAL FROM AUD.
12. SERVICE LINES TO SANITARY SEWER SHALL BE DEEDED PER THESE AUD SPECIFICATIONS AND AUD DETAILS.
13. MAXIMUM SANITARY SEWER INFILTRATION SHALL NOT EXCEED 100 GPOINCH OF PIPE DIAMETER PER MILE.
14. THE CONTRACTOR SHALL LOCATE SANITARY SEWER SERVICES BY ETCHING AN "S" IN THE CURB OR IN THE PAVEMENT IF NO CURB IS AVAILABLE, AND HIGHLIGHT THE ETCHING WITH GREEN PAINT PER THE APWA UNIFORM COLOR CODE.
15. FINISHED FLOOR ELEVATIONS OF ALL PROPOSED BUILDINGS SHALL BE A MINIMUM OF FIVE (5) FEET ABOVE THE INVERT ELEVATION OF THE WASTEWATER MAIN OR MANHOLE AT THE POINT OF TIE-IN. IN INSTANCES WHERE THIS IS NOT POSSIBLE, A BACKWATER VALVE SHALL BE INSTALLED IN THE SEWER SERVICE.

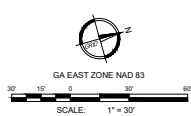


UTILITY PLAN

C-301

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UTILITY WARNING:  
 The underground utilities shown have been located from field survey information and existing drawings. The engineer makes no guarantee that the underground utilities shown comprise all such utilities in the area, either in service or abandoned. The engineer further does not warrant that the underground utilities shown are in the exact location indicated although he does certify that they are located as accurately as possible from information available. The engineer has not physically located the underground utilities.



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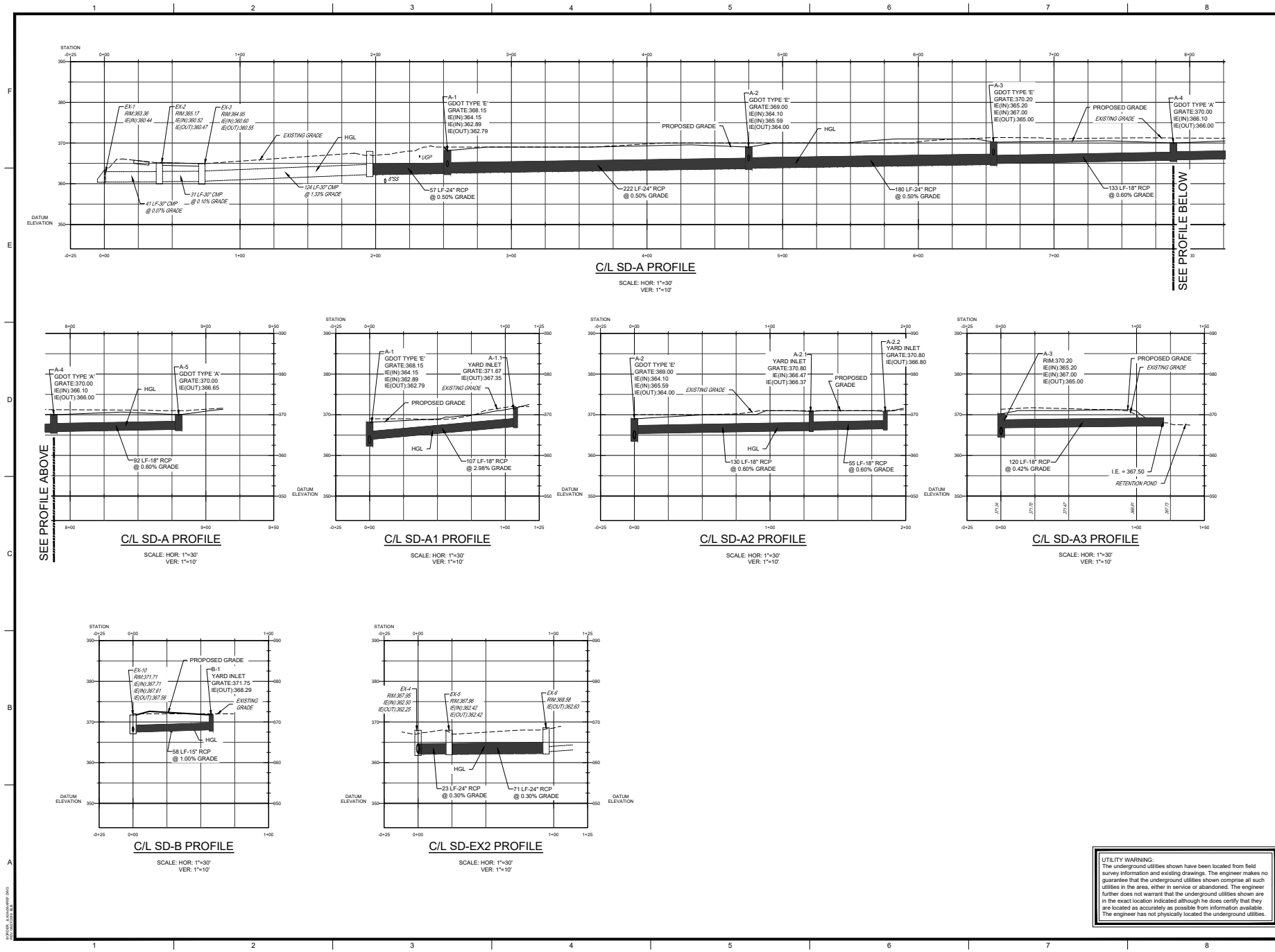
**AUGUSTA GA BOARD OF COMMISSIONERS**  
 535 TELFAIR STREET, AUGUSTA, GA 30901  
**HENRY BRIGHAM COMMUNITY CENTER**  
 PROJECT NAME  
 2403 GOLDEN CAMP RD., AUGUSTA, GA 30906  
 PROJECT LOCATION



REV	DATE	TAW	BP	DESCRIPTION
0	02/21/2022	TAW	BP	ISSUED FOR BID

PROJECT NO: 3042.2005  
 DRAWN BY: AR  
 CHECKED BY: TAW  
 DATE: 02/21/2022  
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 SCALE: 1" = 30'  
 DRAWING NO:  
**C-301**  
 ISSUED FOR BID

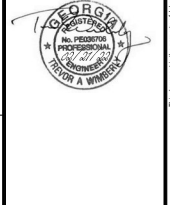




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**PROJECT NAME**  
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**PROJECT LOCATION**  
2403 GOLDEN CAMP RD, AUGUSTA, GA 30906



REV	DATE	TAW	EDH	DESCRIPTION
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DATE: 02/21/2022

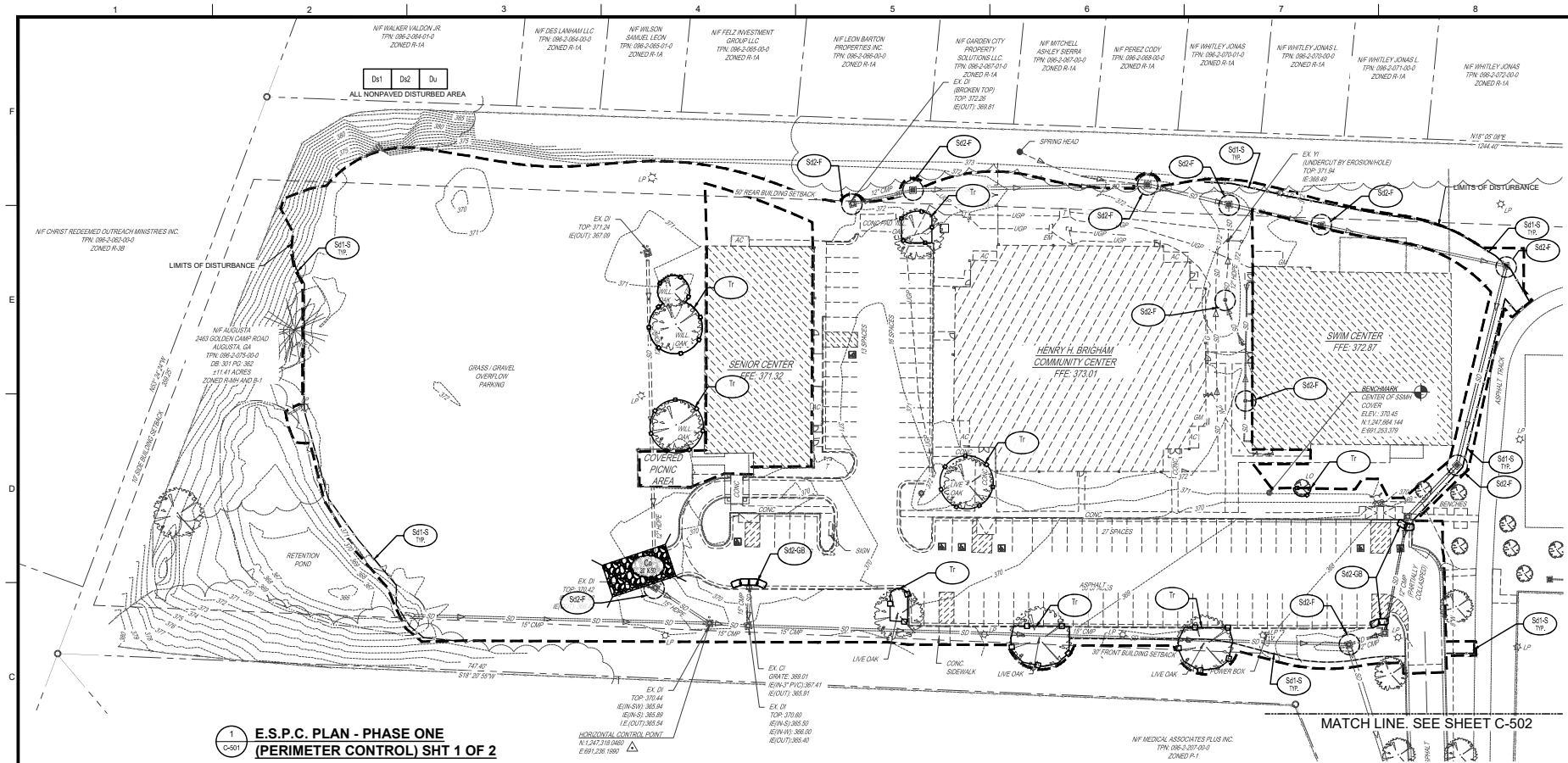
**STORM SEWER PROFILES**

SCALE: AS SHOWN  
DRAWING NO: **C-401**  
REV: 0  
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**1 E.S.P.C. PLAN - PHASE ONE  
(PERIMETER CONTROL) SHT 1 OF 2**

- NOTES:**
1. DURING THE COURSE OF CONSTRUCTION, THE GENERAL CONTRACTOR WILL BE RESPONSIBLE TO MAINTAIN ACCESS TO THE EXISTING HENRY BRIGHAM SWIM CENTER AND THE SENIOR CENTER DURING NORMAL OPERATING HOURS. THE OWNER INTENDS TO KEEP THE SWIM CENTER AND THE SENIOR CENTER OPERATIONAL DURING THE CONSTRUCTION OF THE NEW HENRY BRIGHAM COMMUNITY CENTER.
  2. PRIOR TO LAND DISTURBANCE ACTIVITIES, THE GENERAL CONTRACTOR WILL COORDINATE WITH THE OWNER AND ARCHITECT THE DEVELOPMENT OF A PLAN THAT WILL IDENTIFY ACTIVE MEANS AND METHODS TO BE INCORPORATED IN THE PROJECT TO PROVIDE SAFE EGRESS AND INGRESS TO THESE EXISTING FACILITIES.
  3. TREE PROTECTION WILL BE MODIFIED AS NECESSARY TO PROTECT EXISTING TREES ALONG EXISTING OR NEW PAVEMENT AREAS.
  4. TREES ABUTTING ANY NEW OR REPLACED PAVEMENT WITHIN THE PROJECT LIMITS THAT ARE NOTED TO BE PROTECTED SHALL HAVE THE REQUIRED PROTECTION. THE CONTRACTOR SHALL REMOVE AND REPLACE TREES DESIGNATED TO BE SAVED IF SITE CONDITIONS OR CONSTRUCTION REQUIRE THE TREE TO BE REMOVED.

**GEORGIA UNIFORM CODING SYSTEM FOR SOIL  
EROSION AND SEDIMENT CONTROL PRACTICES**

STRUCTURAL PRACTICES			
CODE	PRACTICE	MAP SYMBOL	DESCRIPTION
Sd1	SEGMENT BARRIER		A BARRIER TO PREVENT SEDIMENT FROM LEAVING THE CONSTRUCTION SITE. IT MAY BE SANDBAGS, SALES OF STRAW OR HAY, BRUSH, LOGS AND POLES, GRAVEL, OR A SEGMENT FENCE. THE BARRIERS ARE USUALLY TEMPORARY AND INEXPENSIVE.
Sd2	SEGMENT TRAP		AN IMPOUNDING AREA CREATED BY EXCAVATING AROUND A STORM DRAIN DROP INLET. THE EXCAVATED AREA WILL BE FILLED AND STABILIZED ON COMPLETION OF CONSTRUCTION ACTIVITIES.
Tr	TREE PROTECTION		TO PROTECT DESIRABLE TREES FROM INJURY DURING CONSTRUCTION ACTIVITY.

VEGETATIVE PRACTICES			
CODE	PRACTICE	MAP SYMBOL	DESCRIPTION
Ds1	DISTURBED AREA STABILIZATION (WITH MULCHING ONLY)		ESTABLISHING TEMPORARY PROTECTION FOR DISTURBED AREAS WHERE SEEDING MAY NOT HAVE A SUITABLE GROWING SEASON TO PRODUCE AN EROSION RETARDING COVER.
Ds2	DISTURBED AREA STABILIZATION (WITH TEMPORARY SEEDING)		ESTABLISHING A TEMPORARY VEGETATIVE COVER WITH FAST GROWING SEEDINGS ON DISTURBED AREAS.
Du	DUST CONTROL ON DISTURBED AREAS		CONTROLLING SURFACE AND AIR MOVEMENT DUST ON CONSTRUCTION SITES, ROADWAYS AND SIMILAR SITES.

**STANDARDS & SPECIFICATIONS:**  
ALL DESIGNS WILL CONFORM TO AND ALL WORK WILL BE PERFORMED IN ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS OF THE "GREEN BOOK" ALSO KNOWN AS THE "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA", LATEST EDITION.

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GA EAST ZONE NAD 83  
SCALE: 1" = 30'  
0 15 30 60

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**HENRY BRIGHAM COMMUNITY CENTER**

**PROJECT LOCATION**  
2483 GOLDEN CAMP RD, AUGUSTA, GA 30906

**PROJECT NAME**  
HENRY BRIGHAM COMMUNITY CENTER

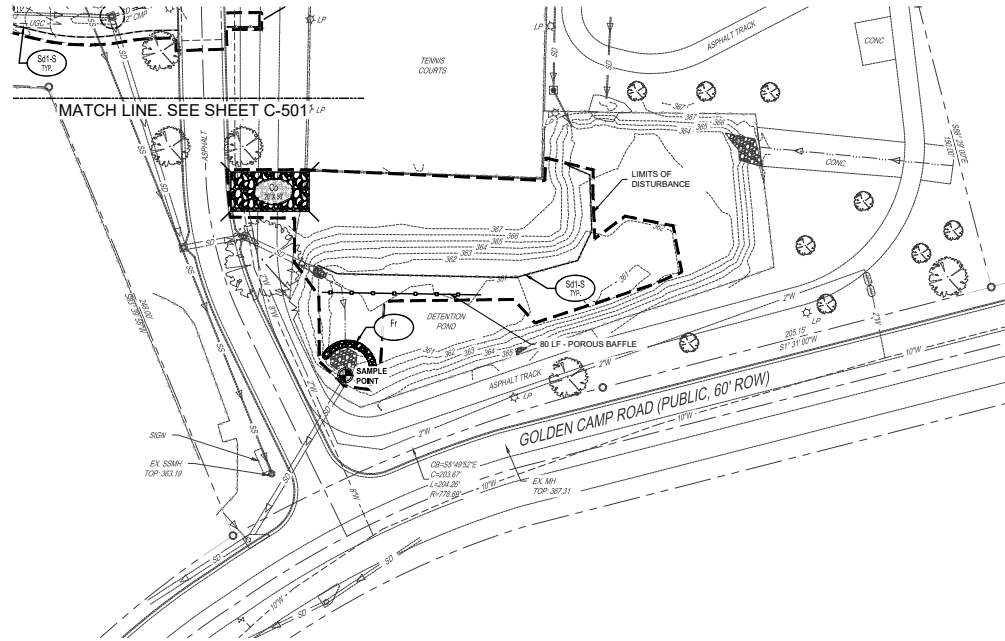
**PROJECT NO.** 3042.2005  
**DRAWN BY:** AR  
**CHECKED BY:** JDP  
**DATE:** 02/21/2022

**SHEET TITLE:**  
**E.S.P.C. PLAN - PHASE ONE  
(PERIMETER CONTROL)  
SH1 1 OF 2**

**SCALE:** 1" = 30'  
**DRAWING NO.**  
**C-501**

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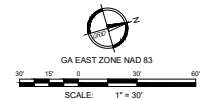
1 E.S.P.C. PLAN - PHASE ONE (PERIMETER CONTROL) SHT 2 OF 2  
C-502

#### GEORGIA UNIFORM CODING SYSTEM FOR SOIL EROSION AND SEDIMENT CONTROL PRACTICES

STRUCTURAL PRACTICES				
CODE	PRACTICE	DETAIL	MAP SYMBOL	DESCRIPTION
Sd1	SEDIMENT BARRIER			A BARRIER TO PREVENT SEDIMENT FROM LEAVING THE CONSTRUCTION SITE. IT MAY BE SANDBAGS, SALES OF STRAW OR HAY, BRUSH, LOGS AND POLES, GRAVEL, OR A SEDIMENT FENCE. THE BARRIERS ARE USUALLY TEMPORARY AND INEXPENSIVE.
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Tr	TREE PROTECTION			TO PROTECT DESIRABLE TREES FROM INJURY DURING CONSTRUCTION ACTIVITY.

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CODE	PRACTICE	DETAIL	MAP SYMBOL	DESCRIPTION
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Du	DUST CONTROL ON DISTURBED AREAS			CONTROLLING SURFACE AND AIR MOVEMENT DUST ON CONSTRUCTION SITES, ROADWAYS AND SIMILAR SITES.

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**PROJECT NAME**  
**HENRY BRIGHAM COMMUNITY CENTER**  
**PROJECT LOCATION**  
2483 GOLDEN CAMP RD, AUGUSTA, GA 30906



REVISIONS		DESCRIPTION
NO.	DATE	DESCRIPTION
0	02/21/2022	ISSUED FOR BID

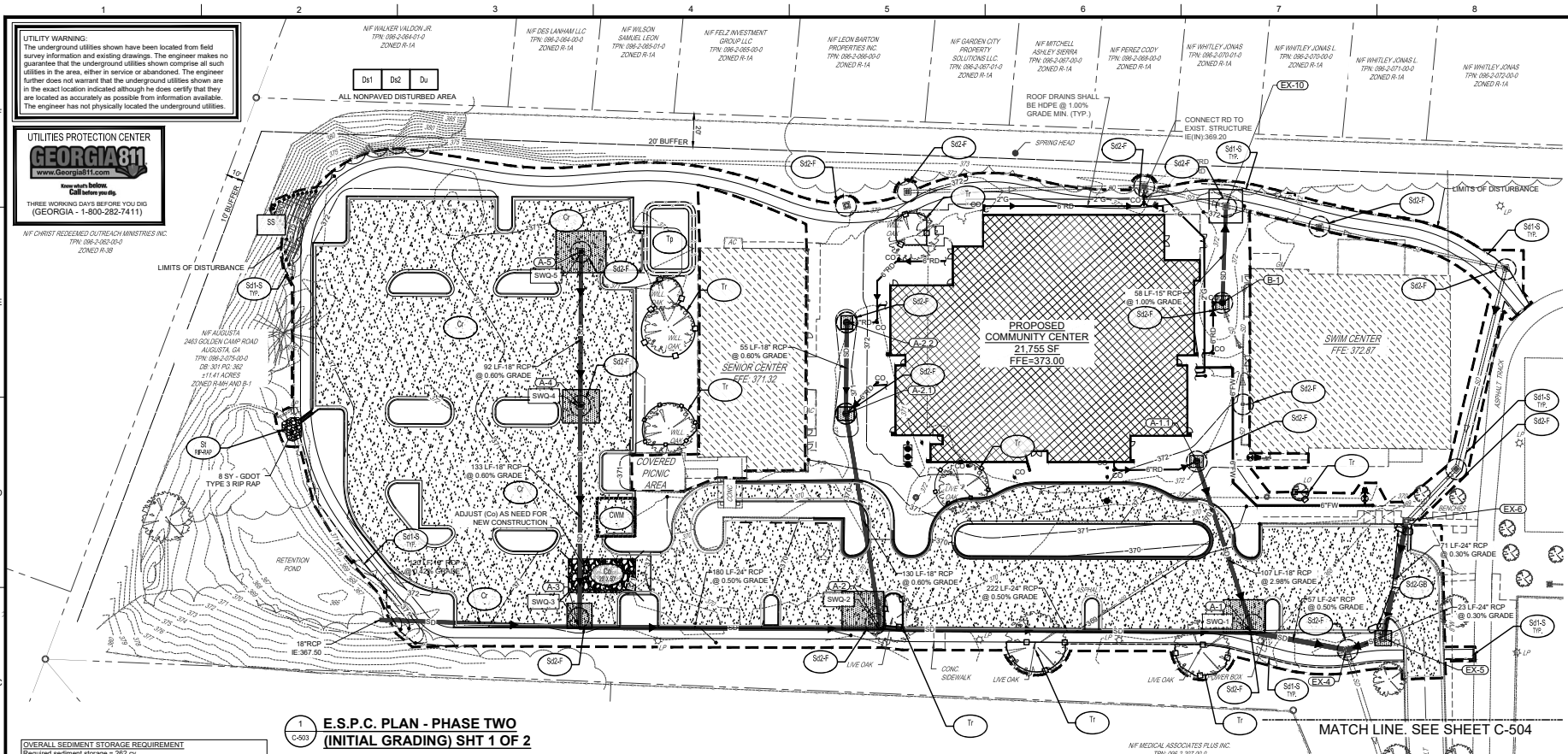
PROJECT NO.: 3042.2005  
DRAWN BY: AR  
CHECKED BY: JDP  
DATE: 02/21/2022

SHEET TITLE:  
**E.S.P.C. PLAN - PHASE ONE (PERIMETER CONTROL) SHT 2 OF 2**

SCALE: 1" = 30'  
DRAWING NO.: **C-502**  
REV: 0

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**UTILITY WARNING:**  
The underground utilities shown have been located from field survey information and existing drawings. The engineer makes no guarantee that the underground utilities shown comprise all such utilities in the area, either in service or abandoned. The engineer further does not warrant that the underground utilities shown are in the exact location indicated although he does certify that they are located as accurately as possible from information available. The engineer has not physically located the underground utilities.

**UTILITIES PROTECTION CENTER**  
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### E.S.P.C. PLAN - PHASE TWO (INITIAL GRADING) SHT 1 OF 2

**OVERALL SEDIMENT STORAGE REQUIREMENT**  
Required sediment storage = 262 cy  
(87 cy/cac \* 3.0 ac disturbed area)  
Provided sediment storage by S42 = 20.88 x 14 cy = 292 cy

**OVERALL SEDIMENT STORAGE REQUIREMENT (SD2 - F)**  
1. Largest Drainage Area = 0.33 acres  
2. Required sediment storage = 22.32 cy = 597 cf  
(87 cy/cac \* 0.33 ac drainage area)  
3. Assume excavation depth (1.5 ft minimum) = 1.5 ft  
4. Assume slope of sides (shall not be steeper than 2:1) = 2:1  
5. Determine required surface area  
SA(m) = Required sediment storage / excavated depth  
SA (m) = 597 cf / 1.5 ft  
SA (m) = 398 sq ft  
6. Assume shape of excavation and determine dimensions  
Shape: rectangular  
Dimensions: 14 x 28 ft, 20 ft  
Initial located northwest corner of swim center  
Shown on plan as diagonal hatched area at inlets

**AGSWCC** GEORGIA SOIL AND WATER CONSERVATION COMMISSION  
Trevor A. Wimberly  
Level II Certified Design Professional  
Certification Number: 000006065  
Issue: 08/17/2021, Expires: 08/17/2024

Drainage Structure ID	Required Storage Volume (cy/acre)	Surface Area (acres)	Storage Volume Needed (cy)	Storage Volume Provided (cy)	Sed. Trap Dimensions (LxWxH (ft))
EX-5	67	0.09	6.03	6.6	10x6x2
A-1	67	0.55	36.85	37.0	25x20x2
A-2	67	0.62	41.54	42.5	25x20x2
A-3	67	0.24	16.08	16.6	15x15x2
A-4	67	0.48	32.16	32.5	22x20x2
A-5	67	0.82	54.94	55.5	30x25x2
A-1-1	67	0.06	4.02	4.1	8x7x2
A-2-1	67	0.06	4.02	4.1	8x7x2
A-2-2	67	0.06	4.02	4.1	8x7x2
B-1	67	0.07	4.69	4.7	8x8x2

NOTE:  
ALL DRAINAGE STRUCTURES LISTED ON THE TABLES ABOVE SHALL HAVE EXCAVATED SEDIMENT STORAGE (SD2).

CODE	PRACTICE	DETAIL	MAP SYMBOL	DESCRIPTION
Cd	CHECKDAM	CD-8 (8'x8')		A SMALL TEMPORARY BARRIER DAM CONSTRUCTED ACROSS A SWALE, DRAINAGE DITCH OR AREA OF CONCENTRATED FLOW.
Gc	CONSTRUCTION EXIT			A CRUSHED STONE PAD LOCATED AT THE CONSTRUCTION SITE EXIT TO PROVIDE A PLACE FOR REMOVING MUD FROM TIRES, THEREBY PROTECTING PUBLIC STREETS.
Cr	ROAD CONSTRUCTION STABILIZATION			A TRAVELWAY CONSTRUCTED AS PART OF A CONSTRUCTION PLAN INCLUDING ACCESS ROADS, SUBURBAN ROADS, PARKING AREAS AND OTHER ON-SITE VEHICLE TRANSPORTATION ROUTES.
Sd1	SEDIMENT BARRIER	See Detail Sd1		A BARRIER TO PREVENT SEDIMENT FROM LEAVING THE CONSTRUCTION SITE. IT MAY BE SANDBAGS, BALES OF STRAW OR RAY, BRUSH LOGS AND POLES, GRAVEL, OR A SEDIMENT FENCE. THE BARRIERS ARE USUALLY TEMPORARY AND NEUTRINE.
Sd2	SEDIMENT TRAP	See Detail Sd2		AN IMPOUNDING AREA CREATED BY EXCAVATING AROUND A STORM DRAIN INLET. THE EXCAVATED AREA WILL BE FILLED AND STABILIZED ON COMPLETION OF CONSTRUCTION ACTIVITIES.
Si	STORM DRAIN OUTLET PROTECTION			A RAISED OR SHORT SECTION OF RIPRAP CHANNEL AT THE OUTLET OF A STORM DRAIN SYSTEM PREVENTING EROSION FROM THE CONCENTRATED RUNOFF.

CODE	PRACTICE	DETAIL	MAP SYMBOL	DESCRIPTION
Td	TOPSOILING			THE PRACTICE OF STRIPPING OFF THE MORE FERTILE TOP SOIL, STORING IT, THEN APPLICATING IT OVER THE DISTURBED AREA AFTER THE COMPLETION OF CONSTRUCTION ACTIVITIES.
Tr	TREE PROTECTION			TO PROTECT DESIRABLE TREES FROM INJURY DURING CONSTRUCTION ACTIVITY.
CODE	PRACTICE	DETAIL	MAP SYMBOL	DESCRIPTION
Ds1	DISTURBED AREA STABILIZATION (WITH MULCHING ONLY)			ESTABLISHING TEMPORARY PROTECTION FOR DISTURBED AREAS WHERE SEEDINGS MAY NOT HAVE A SUITABLE GROWING SEASON TO PRODUCE AN EROSION RETARDING COVER.
Ds2	DISTURBED AREA STABILIZATION (WITH TEMPORARY SEEDING)			ESTABLISHING A TEMPORARY VEGETATIVE COVER WITH FAST GROWING SEEDINGS ON DISTURBED AREAS.
Du	DUST CONTROL ON DISTURBED AREAS			CONTROLLING SURFACE AND AIR MOVEMENT DUST ON CONSTRUCTION SITES, ROADWAYS AND SIMILAR SITES.

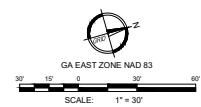
CODE	PRACTICE	DETAIL	MAP SYMBOL	DESCRIPTION
Ss	SLOPE STABILIZATION			A PROTECTIVE COVERING USED TO PREVENT EROSION AND ESTABLISH TEMPORARY OR PERMANENT VEGETATION ON STEEP SLOPES, SHORE LINES, OR CHANNELS.

CODE	PRACTICE	DETAIL	MAP SYMBOL	DESCRIPTION
Cwm	CONCRETE WASTE MANAGEMENT			PRESENT OR PROVIDE THE DISCHARGE OF POLLUTANTS TO STORMWATER FROM CONCRETE WASTE BY CONDUCTING WASH-OUT OFFSITE, PERFORMING ONSITE WASHOUT IN A DESIGNATED AREA AND TRAINING EMPLOYEES AND SUBCONTRACTORS.

**STANDARDS & SPECIFICATIONS:**  
ALL DESIGNS WILL CONFORM TO AND ALL WORK WILL BE PERFORMED IN ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS OF THE "GREEN BOOK" ALSO KNOWN AS THE "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA," LATEST EDITION.



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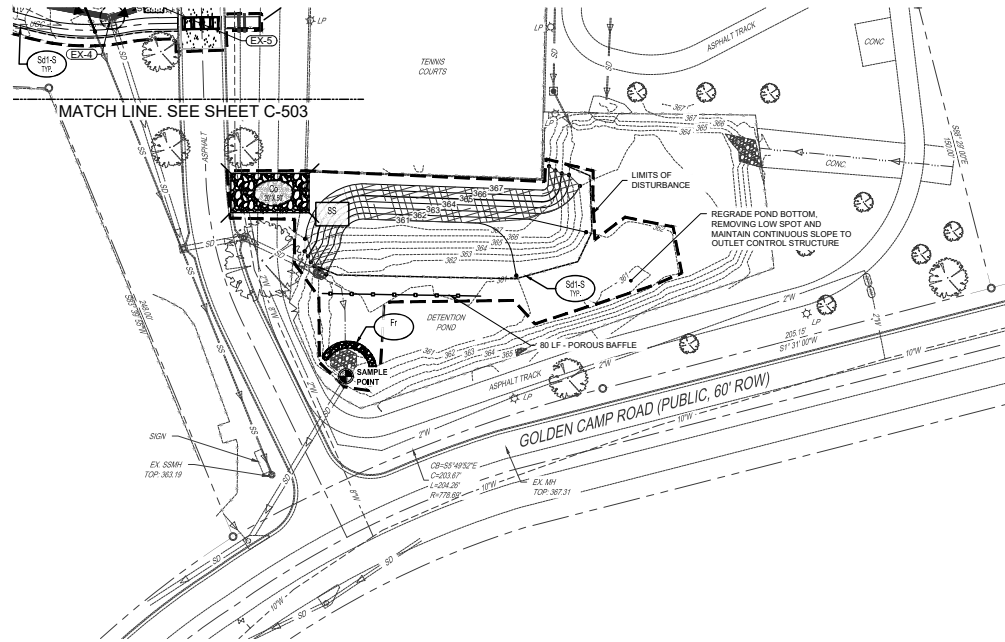
PROJECT NO: 3042 2005  
DRAWN BY: AR  
CHECKED BY: JDP  
DATE: 02/21/2022

SHEET TITLE:  
**E.S.P.C. PLAN - PHASE TWO (INITIAL GRADING) SHT 1 OF 2**

SCALE: 1" = 30'  
DRAWING NO: **C-503**

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1  
C-504  
E.S.P.C. PLAN - PHASE TWO (INITIAL GRADING) SHT 2 OF 2

# GEORGIA UNIFORM CODING SYSTEM FOR SOIL EROSION AND SEDIMENT CONTROL PRACTICES

## STRUCTURAL PRACTICES

CODE	PRACTICE	DETAIL	MAP SYMBOL	DESCRIPTION
Cd	CHECKDAM Cd-8 (Bam)			A SMALL TEMPORARY BARRIER DAM CONSTRUCTED ACROSS A BATTLE, DRAINAGE DITCH OR AREA OF CONCENTRATED FLOW
Cc	CONSTRUCTION EXIT			A CRUSHED STONE PAD LOCATED AT THE CONSTRUCTION SITE EXIT TO PROVIDE A PLACE FOR REMOVING MUD FROM TIRES THEREBY PROTECTING PUBLIC STREETS
Cr	ROAD CONSTRUCTION STABILIZATION			A TRAVELWAY CONSTRUCTED AS PART OF A CONSTRUCTION PLAN INCLUDING ACCESS ROADS, SUBURBAN ROADS, PARKING AREAS AND OTHER ON-SITE VEHICLE TRANSPORTATION ROUTES
Sd1	SEDIMENT BARRIER Sd1-1 (Barriers) Type A (Barriers) Type B (Barriers) Type C (Barriers) Type D (Barriers) Type E (Barriers) Type F (Barriers) Type G (Barriers) Type H (Barriers) Type I (Barriers) Type J (Barriers) Type K (Barriers) Type L (Barriers) Type M (Barriers) Type N (Barriers) Type O (Barriers) Type P (Barriers) Type Q (Barriers) Type R (Barriers) Type S (Barriers) Type T (Barriers) Type U (Barriers) Type V (Barriers) Type W (Barriers) Type X (Barriers) Type Y (Barriers) Type Z (Barriers) Type AA (Barriers) Type AB (Barriers) Type AC (Barriers) Type AD (Barriers) Type AE (Barriers) Type AF (Barriers) Type AG (Barriers) Type AH (Barriers) Type AI (Barriers) Type AJ (Barriers) Type AK (Barriers) Type AL (Barriers) Type AM (Barriers) Type AN (Barriers) Type AO (Barriers) Type AP (Barriers) Type AQ (Barriers) Type AR (Barriers) Type AS (Barriers) Type AT (Barriers) Type AU (Barriers) Type AV (Barriers) Type AW (Barriers) Type AX (Barriers) Type AY (Barriers) Type AZ (Barriers) 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Sd2	SEDIMENT TRAP INLET Sd2-1 (Barriers) Type A (Barriers) Type B (Barriers) Type C (Barriers) Type D (Barriers) Type E (Barriers) Type F (Barriers) Type G (Barriers) Type H (Barriers) Type I (Barriers) Type J (Barriers) Type K (Barriers) Type L (Barriers) Type M (Barriers) Type N (Barriers) Type O (Barriers) Type P (Barriers) Type Q (Barriers) Type R (Barriers) Type S (Barriers) Type T (Barriers) Type U (Barriers) Type V (Barriers) Type W (Barriers) Type X (Barriers) Type Y (Barriers) Type Z (Barriers) Type AA (Barriers) Type AB (Barriers) Type AC (Barriers) Type AD (Barriers) Type AE (Barriers) Type AF (Barriers) Type AG (Barriers) Type AH (Barriers) Type AI (Barriers) Type AJ (Barriers) Type AK (Barriers) Type AL (Barriers) Type AM (Barriers) Type AN (Barriers) Type AO (Barriers) Type AP (Barriers) Type AQ (Barriers) Type AR (Barriers) Type AS (Barriers) Type AT (Barriers) Type AU (Barriers) Type AV (Barriers) Type AW (Barriers) Type AX (Barriers) Type AY (Barriers) Type AZ 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Sl	STORM DRAIN OUTLET PROTECTION			AN IMPROVING AREA CREATED BY EXCAVATING AROUND A STORM DRAIN DROP INLET. THE AREA IS GRADED AND FILL IS STABILIZED ON COMPLETION OF CONSTRUCTION ACTIVITIES
				A PAVED OR SHORT SECTION OF RIPRAP CHANNELS, AT THE OUTLET OF A STORM DRAIN SYSTEM PREVENTING EROSION FROM THE CONCENTRATED RUNOFF.

## STRUCTURAL PRACTICES CONT.

CODE	PRACTICE	DETAIL	MAP SYMBOL	DESCRIPTION
Td	TOPSOILING			THE PRACTICE OF STRIPPING OFF THE MORE FERTILE TOP SOIL, STORING IT, THEN SPREADING IT OVER THE DISTURBED AREA AFTER THE COMPLETION OF CONSTRUCTION ACTIVITIES.
Tv	TREE PROTECTION			TO PROTECT DESIRABLE TREES FROM INJURY DURING CONSTRUCTION ACTIVITY.

## VEGETATIVE PRACTICES

CODE	PRACTICE	DETAIL	MAP SYMBOL	DESCRIPTION
Ds1	DISTURBED AREA STABILIZATION (WITH MULCHING ONLY)			ESTABLISHING TEMPORARY PROTECTION FOR DISTURBED AREAS WHERE SEEDINGS MAY NOT HAVE A SUITABLE GROWING SEASON TO PRODUCE AN EROSION RETARDING COVER.
Ds2	DISTURBED AREA STABILIZATION (WITH TEMPORARY SEEDING)			ESTABLISHING A TEMPORARY VEGETATIVE COVER WITH FAST GROWING SEEDINGS ON DISTURBED AREAS.
Du	DUST CONTROL ON DISTURBED AREAS			CONTROLLING SURFACE AND AIR MOVEMENT DUST ON CONSTRUCTION SITES, ROADWAYS AND SIMILAR SITES.

## VEGETATIVE PRACTICES CONT.

CODE	PRACTICE	DETAIL	MAP SYMBOL	DESCRIPTION
Ss	SLOPE STABILIZATION			A PROTECTIVE COVERING USED TO PREVENT EROSION AND ESTABLISH TEMPORARY OR PERMANENT VEGETATION ON STEEP SLOPES, SHOULDER, OR CHANNELS.
Cwm	CONCRETE WASTE MANAGEMENT			TO PREVENT OR REDUCE THE DISCHARGE OF POLLUTANTS TO STORMWATER FROM CONCRETE WASTE BY CONDUCTING WASHOUT OFFSITE, PERFORMING ONSITE WASHOUT IN A DESIGNATED AREA AND TRAINING EMPLOYEES AND SUBCONTRACTORS.

## SUPPLEMENTAL PRACTICES

STANDARDS & SPECIFICATIONS:  
ALL DESIGNS WILL CONFORM TO AND ALL WORK WILL BE PERFORMED IN ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS OF THE "GREEN BOOK" ALSO KNOWN AS THE "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA", LATEST EDITION.



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The underground utilities shown have been located from field survey information and existing drawings. The engineer makes no guarantee that the underground utilities shown comprise all such utilities in the area, either in service or abandoned. The engineer further does not warrant that the underground utilities shown are in the exact location indicated although he does certify that they are located as accurately as possible from information available. The engineer has not physically located the underground utilities.

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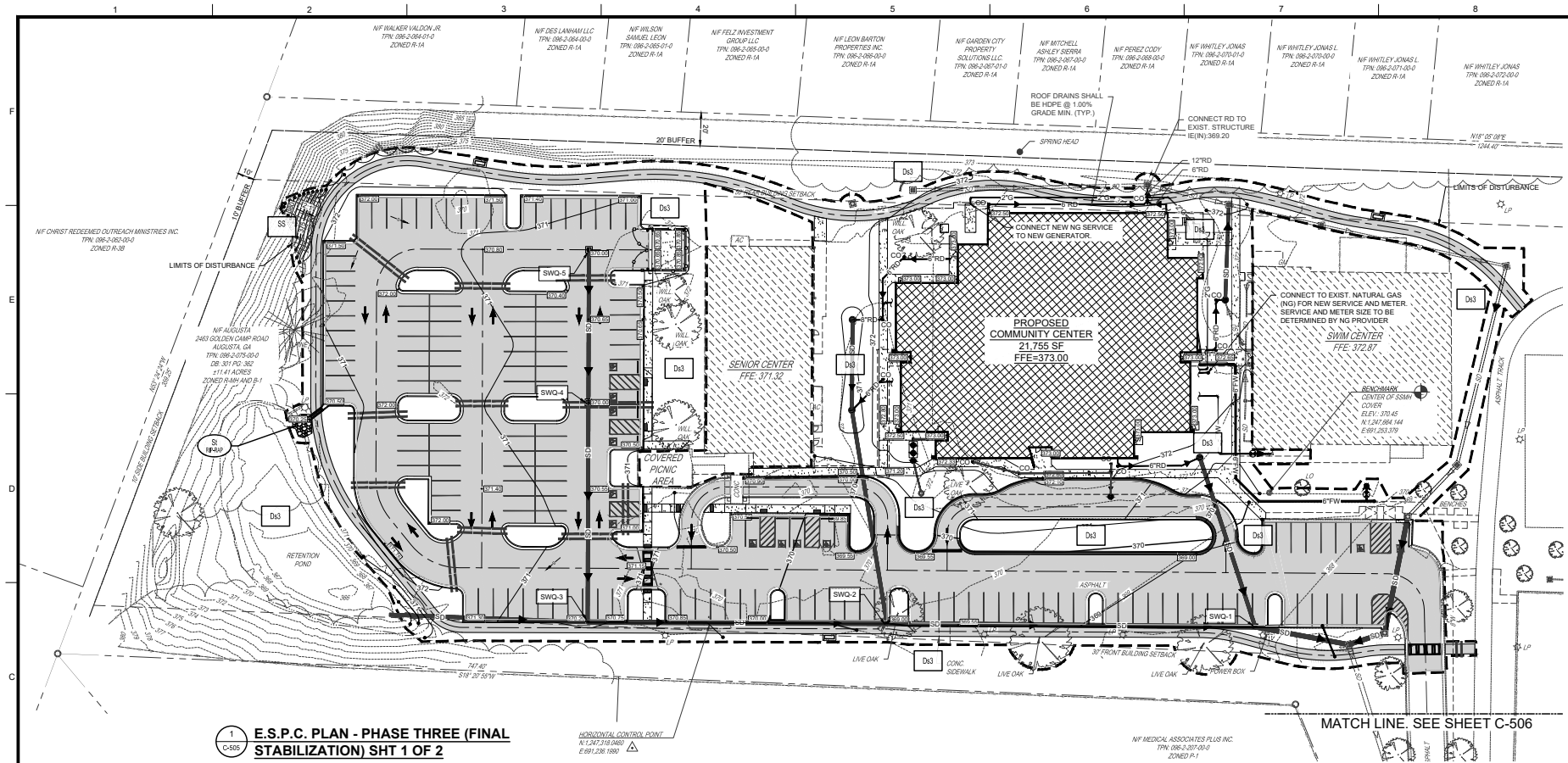
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PROJECT NO.	3042-2005
DRAWN BY:	AR
CHECKED BY:	JDP
DATE:	02/21/2022
SHEET TITLE:	E.S.P.C. PLAN - PHASE TWO (INITIAL GRADING) SHT 2 OF 2
SCALE:	1" = 30'
DRAWING NO.	C-504
ISSUED FOR BID	REV

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**E.S.P.C. PLAN - PHASE THREE (FINAL STABILIZATION) SHT 1 OF 2**

**GEORGIA UNIFORM CODING SYSTEM FOR SOIL EROSION AND SEDIMENT CONTROL PRACTICES**

CODE	PRACTICE	DETAIL	MAP SYMBOL	DESCRIPTION
Cd	CHECKDAM	(See Detail)		A SMALL TEMPORARY BARRIER DAM CONSTRUCTED ACROSS A SWALE, DRAINAGE DITCH OR AREA OF CONCENTRATED FLOW.
Sd	STORM DRAIN OUTLET PROTECTION			A PAVED OR SHORT SECTION OF TOPPAW CHANNEL AT THE OUTLET OF A STORM DRAIN SYSTEM PREVENTS EROSION FROM THE CONCENTRATED RUNOFF.

**VEGETATIVE PRACTICES**

CODE	PRACTICE	DETAIL	MAP SYMBOL	DESCRIPTION
Dd3	DISTURBED AREA STABILIZATION (WITH PERMANENT VEGETATION)			ESTABLISHING PERMANENT VEGETATIVE COVER SUCH AS TREES, SHRUBS, VINES, GRASSES, SOD, OR LEGUMES ON DISTURBED AREAS.
Sd	SLOPE STABILIZATION			A PROTECTIVE COVERING USED TO PREVENT EROSION AND ESTABLISH TEMPORARY OR PERMANENT STABILIZATION ON STEEP SLOPES, SHORE LINES, OR CHANNELS.

**STANDARDS & SPECIFICATIONS:**  
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**GSWCC**  
Georgia Soil and Water Conservation Commission  
Trevor A. Wimberly  
Level II Certified Design Professional  
COMMUNICATION NUMBER: 0000054605  
ISSUED: 06/17/2021 EXPIRES: 06/17/2024

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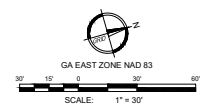
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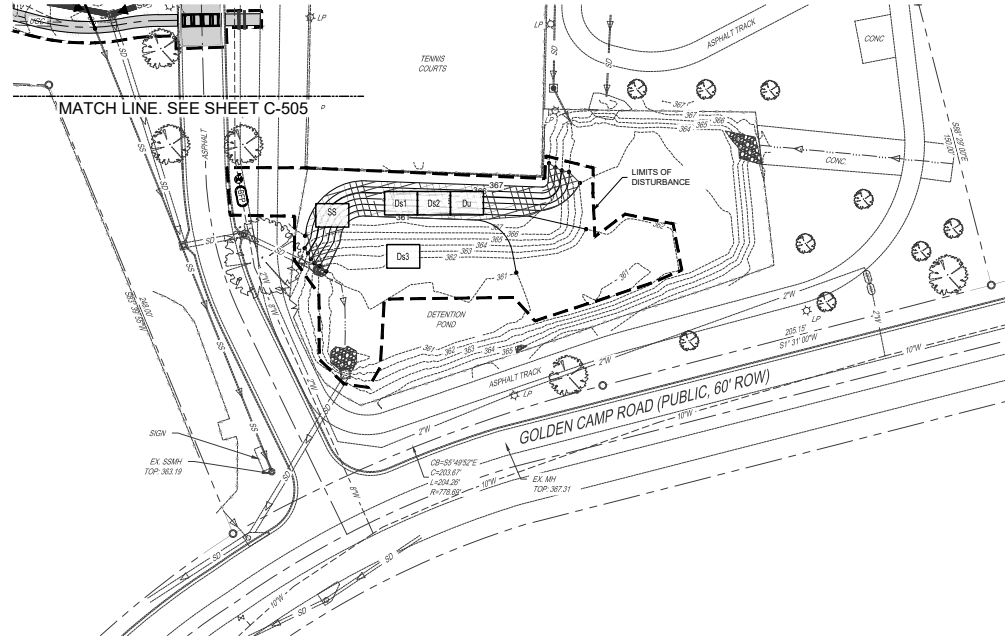


REV	DATE	DESCRIPTION
0	02/21/2022	TAW
1	02/21/2022	JDP

PROJECT NO: 3042.2005  
DRAWN BY: AR  
CHECKED BY: JDP  
DATE: 02/21/2022  
SHEET TITLE:  
**E.S.P.C. PLAN - PHASE THREE (FINAL STABILIZATION) SHT 1 OF 2**  
SCALE: 1" = 30'  
DRAWING NO: **C-505**  
ISSUED FOR BID







1  
C-506  
**E.S.P.C. PLAN - PHASE THREE  
(FINAL STABILIZATION) SHT 2 OF 2**

**GSW&C** GEORGIA SURVEYING AND CONSULTING  
Trevor A. Wimberly  
Level II Certified Design Professional  
CERTIFICATION NUMBER: 0000066665  
ISSUED: 06/17/2021 EXPIRES: 06/17/2024

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30' 15' 0 30' 60'  
SCALE: 1" = 30'

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**PROJECT NAME:**  
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**PROJECT LOCATION:**  
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REV	DATE	DESCRIPTION
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1		BY

PROJECT NO: 3042.2005  
DRAWN BY: AR  
CHECKED BY: JDP  
DATE: 02/21/2022

**SHEET TITLE:**  
**E.S.P.C. PLAN - PHASE THREE  
(FINAL STABILIZATION)  
SHT 2 OF 2**

SCALE: 1" = 30'  
DRAWING NO: **C-506**  
REV: 0

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1. CONSTRUCTION WASTES INCLUDES DEMOLITION RUBBLE, PACKAGING MATERIALS, SCRAP BUILDING SUPPLIES, ETC. CONTRACTOR SHALL SELECT A DESIGNATED WASTE COLLECTION AREA AND PROVIDE IDS FOR WASTE CONTAINERS. CONSTRUCTION WASTES SHALL BE REMOVED ON A CONSISTENT SCHEDULE.

- SITE MAINTENANCE NOTES:

- FUGITIVE DUST CONTROL NOTES

1. ONLY DISTURB, CLEAR, OR GRADE AREAS NECESSARY FOR CONSTRUCTION. FLAG OR OTHERWISE DELINEATE AREAS NOT TO BE DISTURBED, EXPOSED, OR GRADED.
2. ALL CONSTRUCTION SHALL BE COMPLETED WITHIN 12 MONTHS OF PRELIMINARY EROSION CONTROL PLAN.
3. ALL GRADED OR DISTURBED AREAS INCLUDING SLOPES SHALL BE PROTECTED DURING CLEARING AND CONSTRUCTION IN ACCORDANCE WITH THE APPROVED EROSION AND SEDIMENT CONTROL PLAN UNTIL THEY ARE PERMANENTLY STABILIZED.
4. ALL SEDIMENT CONTROL MEASURES SHALL BE CONSTRUCTED AND MAINTAINED IN ACCORDANCE WITH THE APPROVED EROSION AND SEDIMENT CONTROL PLAN AND ACCORDANCE WITH THE SPECIFICATIONS FOR THE APPROPRIATE EROSION CONTROL PRACTICES.
5. IF TOPSOIL IS REQUIRED FOR THE ESTABLISHMENT OF VEGETATION, IT SHALL BE STOCKPILED IN THE AMOUNT NECESSARY TO COMPLETE FINISHED GRADING AND PROTECTED FROM EROSION.
6. AREAS TO BE FILLED SHALL BE CLEARED, GRUBBED TO REMOVE TREES, VEGETATION, ROOTS AND OTHER OBJECTIONABLE MATERIAL, AND STRIPPED OF TOPSOIL.
7. AREAS TO RECEIVE TOPSOIL SHALL BE SCARIFIED TO A MINIMUM DEPTH OF 3 INCHES (76 MM) PRIOR TO PLACEMENT OF TOPSOIL.
8. ALL FILLS SHALL BE COMPACTED AS REQUIRED BY BUILDING STANDARDS TO PREVENT SLIDING, SLUMPING, OR OTHER FAILURE AND TO PREVENT OTHER RELATED PROBLEMS. FILL INTENDED TO SUPPORT BUILDINGS, STRUCTURES, CONDUITS, ETC., SHALL BE COMPACTED IN ACCORDANCE WITH LOCAL REQUIREMENTS OR CODES.
9. THE OUTER FACE OF THE FILL SLOPE SHOULD BE ALLOWED TO STAY LOOSE, NOT ROLLED, COMPACTED, OR BLADED SMOOTH. A BULLDOZER MAY RUN UP AND DOWN THE FILL. SLOPE SO THE DOZERS TRACKS (CLAY TRACKS) CREATE GRADUATED SLOPES. SLOPES SHALL BE GRADUATED IF THE SLOPE IS NOT TOO MOIST. EXCESSIVE COMPACTION WILL NOT OCCUR.
10. ALL FILL SHALL BE PLACED AND COMPACTED IN LAYERS NOT TO EXCEED 8 INCHES PER LIFT.
11. USE SLOPE BREAKS, SUCH AS DIVERSIONS, BENCHES, OR COUNTER FURROWS AS APPROPRIATE, TO REDUCE THE LENGTH OF CUT-AND-FILL SLOPES TO LIMIT SHEET AND RILL EROSION AND PREVENT GULLY EROSION.
12. ALL CUT-AND-FILL SLOPES SHALL BE PLANTED OR VEGETATED WITH GRASS AND LEGUMES. SLOPES SHOULD NOT BE STEEPER THAN 2:1.
13. SLOPES TO BE MAINTAINED BY TRACTOR OR OTHER EQUIPMENT SHOULD NOT BE STEEPER THAN 2:1.
14. SLOPES IN EXCESS OF 2:1 MAY REQUIRE HYDROSEEDING, HYDROMULCHING, RETAINING, AND/OR "PUNCH-IN" STRAW, BIOENGINEERING TECHNIQUES, OR TYPICAL WALLS.
15. ROUND THE SURFACE OF ALL SLOPES DURING THE CONSTRUCTION OPERATION TO RETAIN WATER, INCREASE INFILTRATION, AND FACILITATE VEGETATION ESTABLISHMENT.
16. SEEDINGS ARE ENCOURAGED DURING CONSTRUCTION SHALL BE HANDLED IN ACCORDANCE WITH APPROVED METHODS.
17. STABILIZE ALL GRADED AREAS WITH VEGETATION, CRUSHED STONE, RIPRAP, OR OTHER MATERIALS SUCH AS SOIL COVERS.
18. ALL WORK SHALL BE COMPLETED ORT 2 WORK DAYS MORE.
19. USE MULCH TO STABILIZE AREAS TEMPORARILY WHERE FINAL GRADING MUST BE DELAYED.
20. STOCKPILES OF BORROW AREAS AND SPILL AREAS SHALL BE SHOWN ON THE PLANS AND SHALL BE STABILIZED TO PREVENT EROSION AND SEDIMENTATION.

THE GOAL OF THE SPILL RESPONSE PLAN IS TO REDUCE SAFETY, HEALTH, AND ENVIRONMENTAL RISKS ASSOCIATED WITH A HAZARDOUS SUBSTANCE INCIDENT. IN THE EVENT OF A SPILL, THE FOLLOWING ACTIONS SHOULD BE IMPLEMENTED:



- SS** BLANKET AND MATTING CROSS-SECTIONS

UPSTREAM TERMINAL	TRANSVERSE CHECK SLOT	DOWNSTEAM TERMINAL
<p>STEP 1: CUT TERMINAL SLOT.</p>	<p>STEP 1: CUT TRANSVERSE CHECK SLOT. SUFFICIENTLY DEEP TO ALLOW DOWNSTREAM FLOW.</p>	<p>STEP 1: CUT TERMINAL SLOT.</p>
<p>STEP 2: DRAG MAT INTO SLOT.</p>	<p>STEP 2: WORK UPSTREAM ACROSS CHECK SLOT AND LAP BACK 18".</p>	<p>STEP 2: STAKE MAT INTO SLOT.</p>
<p>STEP 3: STAKE MAT INTO SLOT.</p> <p>USE "X" Y PRESSURE TREATED PILES TO SPACE MAT AGAINST VERTICAL CUT.</p>	<p>STEP 3: THICK MAT LAP INTO SLOT AND STAKE.</p>	<p>STEP 3: BACKFILL TERMINAL SLOT.</p>
<p>STEP 4: REVERSE MAT DIRECTION TO OVERLAY CHECK SLOT.</p> <p>STAKE MAT TO ANCHOR TERMINAL.</p>	<p>STEP 4: BACKFILL AND PROTECT UPSTREAM BANK.</p> <p>PULL OUT TEMPORARY STAKES WHEN NO LONGER NEEDED FOR TENDING.</p>	<p>STEP 4: PULL MAT OUT TO STAKE DOWN TO ANCHOR TERMINAL.</p> <p>PROCEED UPSTREAM WITH ROLL.</p>
<p>SEQUENTIAL ROLL RUN OUT IN</p>	<p>PICTORIAL VIEW OF TRANSVERSE SLOT</p>	<p>PICTORIAL VIEW OF DOWNSTEAM TERMINAL</p>

- [illegible]

- 
- Diagram illustrating the construction of a drop inlet for a storm drain. The top part shows a cross-section of the inlet installed in a trench. The bottom part shows a perspective view of the inlet structure.
- Labels for the cross-section diagram:
- \*FABRIC ENTRENCHED AT LEAST 12" AND BACKFILLED WITH CRUSHED STONE OR COMPACTED SOIL.
  - 12" MIN.
  - STAKE
  - BURIED FABRIC
  - DROP INLET WITH GRATE
  - CRUSHED STONE OR COMPACTED SOIL
- Labels for the perspective view diagram:
- WIRE-BACKING
  - GATHER EXCESS AT CORNERS
  - FABRIC WITH WIRE-BACKING SUPPORT

**PLAN**

SEE NOTE 1

SEE NOTE 2

**CROSS-SECTION**

2"x4"x8" S

4' FENCE

DROP LINE

(LIMIT OF SPREAD)

TRENCH LINE

(SEE NOTE 3)

4'



Plants, Planting Rates, And Planting Dates For Temporary Cover Or Companion Crops						
Species	Rate per Acre	Rate per 1,000 sq. ft.	Planting Dates by Region			
			Mt.	P.	C.	
Bamboo	3 bu.	3.3 bu.	8/15-11/15	8/15-12/15	8/1-12/31	
Orchid	4 bu.	2.8 bu.	8/1-11/30	8/1-11/30	8/1-11/30	
Tidalite	3 bu.	3.3 bu.	8/15-11/15	8/15-12/15	8/1-12/31	
Reynolds Annual	40 bu.	0.8 bu.	8/1-4/30	8/1-4/15	8/1-5/31	
Rye Grain (alone)	3.0 bu.	3.9 bu.	7/15-11/30	8/15-12/31	8/1-2/28	
Rye Grain (in mixture)	0.5 bu.	0.6 bu.	7/15-11/30	8/15-12/31	8/1-2/28	
Lespedeza Annual	40 bu.	0.8 bu.	2/1-4/30	2/15-4/30	1/15-3/31	
Weeping Lovegrass	4 bu.	0.1 bu.	3/15-6/15	3/15-6/15	3/15-6/15	
Sudangrass	60 bu.	1.4 bu.	4/1-8/31	4/1-8/31	3/1-7/31	
Mix. Broward	40 bu.	0.8 bu.	4/1-8/30	4/1-7/15	4/1-7/15	
Mix. Pearl	50 bu.	1.1 bu.	4/1-8/31	4/1-8/31	4/1-8/31	
Wheat	3 bu.	4.1 bu.	8/1-12/31	8/1-12/31	8/15-1/31	

Fertilizer Requirements for Permanent Vegetation				
Types of Species	Planting Year	Fertilizer (N-P-K)	Rate (Bu./acre)	% Top Dressing Rate (Bu./acre)
Cool season grasses	First	6-12-12	1500	50-100
	Second	6-12-12	1000	50
	Maintenance	10-10-10	400	30
Cool season grasses & legumes	First	6-12-12	1500	50-100
	Second	6-12-12	1000	50
	Maintenance	10-10-10	400	30
Warm season grasses	First	10-10-10	500	30
	Second	6-12-12	800	50-100
	Maintenance	10-10-10	400	30

M.L. represents the Mountain; Blue Ridge, and Ridge and Valley MRLAs  
 P represents the Southern Piedmont Region MRLA  
 C represents the Southern Coastal Plain; Sand Hills, Black Lands, and Atlantic Coast Flatwoods MRLAs

Plants, Planting Rates, And Planting Dates For Permanent Cover						
Species	Rate per Acre	Rate per 1,000 sq. ft.	Planting Dates by Region			Remarks
			Mt.	P.	C.	
Bermuda, Common (hulled seed)	10 bu.	3.4 bu.	3/1-6/30	3/15-6/30	3/15-6/30	Quick cover, low growing, soil forming, needs full sun.
With Perennials	6 bu.	0.1 bu.	---	---	---	
Bermuda, Common (unhulled seed)	10 bu.	0.2 bu.	---	---	---	Plant with winter annuals.
With temporary cover	6 bu.	0.1 bu.	10/1-2/28	1/15-1/31	---	
With other perennials	40 bu. ft.	0.9 bu. ft.	3/15-7/15	1/1-12/31	---	1 cu. ft. = 600 sq. ft. or 600 sq. ft. = 1 cu. ft.
Bermuda Sprigs	40 bu. ft.	0.9 bu. ft.	3/15-7/15	1/1-12/31	---	
With temporary cover	Blat plant 3' x 3'	---	---	---	---	

Fertilizer Requirements for Permanent Vegetation				
Types of Species	Planting Year	Fertilizer (N-P-K)	Rate (Bu./acre)	% Top Dressing Rate (Bu./acre)
Cool season grasses	First	6-12-12	1500	50-100
	Second	6-12-12	1000	50
	Maintenance	10-10-10	400	30
Cool season grasses & legumes	First	6-12-12	1500	50-100
	Second	6-12-12	1000	50
	Maintenance	10-10-10	400	30
Ground covers	First	10-10-10	1300	---
	Second	10-10-10	1300	---
	Maintenance	10-10-10	1300	---
Pine seedlings	First	20-10-5	---	---
	Second	20-10-5	---	---
	Maintenance	20-10-5	---	---
Brick Lycopodium	First	6-10-10	700	---
	Second	6-10-10	700	---
	Maintenance	6-10-10	700	---
Temporary cover crops seeded alone	First	10-10-10	500	30
	Second	6-12-12	800	50-100
	Maintenance	10-10-10	400	30
Warm season grasses	First	6-12-12	1500	50-100
	Second	6-12-12	1000	50-100
	Maintenance	10-10-10	400	30
Warm season grasses & legumes	First	6-12-12	1500	50
	Second	6-12-12	1000	50
	Maintenance	10-10-10	400	30

Material	Depth
Dry Straw Or Hay	2" To 4"
Wood Waste (sawdust, Bark, Chips)	2" To 3"
Crushed Asphalt (slow Curing)	1200 Gal./acre (114 Gal./sq. ft.)
Black Polyethylene Film	Completely Cover (Allow 100 lb. per 1000 sq. ft. On Outer Edge)

\* APPLY AGRICULTURAL LIME AS PRESCRIBED BY SOIL TESTS OR AT A RATE OF 1 TO 2 TONS PER ACRE

### Ds2 TEMPORARY GRASSING

- ALL SEEDING AREAS WILL BE MULCHED WITH HAY OR STRAW AT A RATE OF 2-2 1/2 TONS PER ACRE WITHIN 24 HRS. AFTER SEEDING. USE OF A TACKIFIER IS REQUIRED ON ALL SLOPES EXCEEDING 3:1.
- GRASSING WILL BE ACCEPTED WHEN A 90% COVER BY PERMANENT GRASSING IS OBTAINED AND WEEDS ARE NOT DOMINANT.
- GRASSING OF DISTURBED AREAS WILL COMMENCE AT COMPLETION OF EACH PHASE OF CONSTRUCTION OR IN THE SEQUENCE AS INDICATED. IN ANY CASE, GRASSING OF ANY DISTURBED AREA WILL

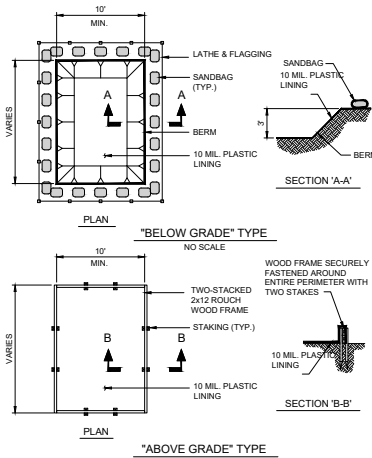
### Ds3 PERMANENT GRASSING

- IRRIGATION WILL BE APPLIED AT A RATE THAT WILL NOT CAUSE RUNOFF.
- TOPDRESSING WILL BE APPLIED ON ALL TEMPORARY & PERMANENT SPECIES PLANTED ALONE OR IN MIXTURES WITH OTHER SPECIES.
- PERMANENT GRASSING SHALL BE IRRIGATED AND MAINTAINED. BERMUDA GRASS MAY BE MOWED AS DESIRED MAINTAINING AT LEAST 4 TO 8 INCHES OF TOP GROWTH.

### Ds1 MULCHING

## GRASSING, FERTILIZATION & MULCH

NO SCALE



NOTES:

- CONTRACTOR MUST PROVIDE A DESIGNATED AREA FOR CONCRETE WASHDOWN OF TOOLS, CONCRETE MIXER CHUTES, AND THE REAR OF THE VEHICLES. THIS AREA MUST HAVE A CONCRETE WASHOUT FACILITY AND SHALL BE CONSTRUCTED PER THE DETAIL SHOWN ABOVE.
- THE CONCRETE WASHOUT FACILITY SHALL BE LOCATED AT A MINIMUM OF 50 FEET FROM STORM DRAINS, OPEN DITCHES, OR WATER BODIES.
- WASHOUT DISCHARGE FROM THE CLEANING OF CONCRETE TRUCKS, TOOLS AND OTHER EQUIPMENT SHALL BE TRANSPORTED OFF-SITE AND DISPOSED OF PROPERLY.
- IT IS PROHIBITED TO WASH OUT THE MIXING DRUM OF CONCRETE TRUCKS ON-SITE.
- ACTUAL LAYOUT CAN BE DETERMINED IN FIELD OR AS SHOWN IN PLAN.
- CONCRETE WASHOUT SIGN SHALL BE PROVIDED WITHIN 30' OF THE CONCRETE WASHOUT FACILITY.

## CWM CONCRETE WASTE MANAGEMENT

NO SCALE

## CONSTRUCTION SCHEDULE

START DATE  
06/01/2022

END DATE  
06/01/2023

ITEM	DESCRIPTION	MONTHS OF CONSTRUCTION ACTIVITY											
		1	2	3	4	5	6	7	8	9	10	11	12
PHASE 1 - INITIAL PERIMETER CONTROL													
1	INSTITUTE AND MAINTAIN INSPECTION, MONITORING AND REPORTING PER NPDES REQUIREMENTS.												
2	INSTALL INITIAL SEDIMENT CONTROL STRUCTURES												
3	CLEARING & GRUBBING												
PHASE 2 - INTERMEDIATE PHASE													
6	TOPSOIL STRIPPING & STOCKPILING												
7	INSTALL SEDIMENT & POLLUTION CONTROL STRUCTURES												
8	LAND GRADING												
9	CONSTRUCTION ROAD STABILIZATION												
10	STORM DRAINAGE												
11	UTILITIES												
12	MULCHING, TEMPORARY & PERMANENT GRASSING												
13	BUILDINGS												
14	CURB & GUTTER INSTALLATION												
15	BASE AND INITIAL PAVING												
PHASE 3 - FINAL STABILIZATION													
16	SIDEWALKS												
17	PAVING & STRIPING												
18	TOPSOILING, SLOPE STABILIZATION & MATTING												
19	PERMANENT VEGETATION												
20	REMOVAL OF TEMP. SEDIMENT CONTROL STRUCTURES												

NOTES:

- OWNERS OR OPERATORS OR BOTH SHALL SUBMIT A NOTICE OF INTENT (NOI) IN ACCORDANCE WITH NPDES REQUIREMENTS AT LEAST 14 DAYS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION ACTIVITIES.
- CONSTRUCTION SCHEDULE FOR CURB & GUTTER AND BASE & PAVEMENT MAY VARY. BUILDING CONSTRUCTION NOT ALLOWED UNTIL ALL SOIL EROSION & SEDIMENT CONTROL MEASURES ARE PROPERLY IN PLACE.
- THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION CONTROL MEASURES PRACTICES PRIOR TO, OR CONCURRENT WITH LAND-DISTURBING ACTIVITIES.
- ACQUIRE NECESSARY PERMIT FOR ANY STATE WATERS & WETLANDS ENCROACHMENTS.
- DURING CONSTRUCTION, CONTRACTOR SHALL CLEAN AND MAINTAIN SEDIMENT TRAPS PERIODICALLY. ALL STORM DRAIN STRUCTURES SHALL BE FREE OF SEDIMENTS AND OTHER DELETERIOUS MATERIALS BEFORE SECURING TOPS & COVERS FOR FINAL GRADING.



Trevor A. Wimberly  
 Level II Certified Design Professional  
 CREATION NUMBER: 0000064005  
 ISSUED: 06/17/2021 EXPIRES: 06/17/2024



CLIENT: AUGUSTA GA BOARD OF COMMISSIONERS  
 555 BELAIR STREET, AUGUSTA, GA 30901  
 PROJECT NAME: HENRY BRIGHAM COMMUNITY CENTER  
 PROJECT LOCATION: 2483 GOLDEN CAMP RD. AUGUSTA, GA 30906



REV	DATE	DESCRIPTION
1	02/21/2022	TAW
2	02/21/2022	TAW
3	02/21/2022	TAW
4	02/21/2022	TAW
5	02/21/2022	TAW
6	02/21/2022	TAW
7	02/21/2022	TAW
8	02/21/2022	TAW
9	02/21/2022	TAW
10	02/21/2022	TAW
11	02/21/2022	TAW
12	02/21/2022	TAW
13	02/21/2022	TAW
14	02/21/2022	TAW
15	02/21/2022	TAW
16	02/21/2022	TAW
17	02/21/2022	TAW
18	02/21/2022	TAW
19	02/21/2022	TAW
20	02/21/2022	TAW

PROJECT NO: 3042 2005  
 DRAWN BY: JDP  
 CHECKED BY: TAW  
 DATE: 02/21/2022  
 SHEET TITLE: E.S.P.C. NOTES AND DETAILS  
 SHT. 3 OF 6

SCALE: AS NOTED  
 DRAWING NO: C-509  
 REV: 0

ISSUED FOR BID



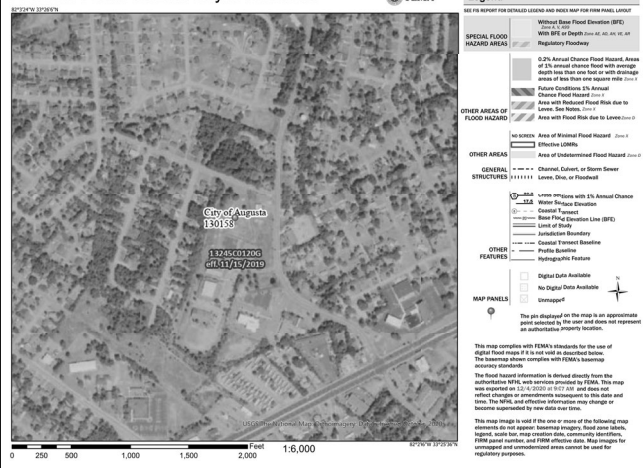




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## National Flood Hazard Layer FIRMette



## NARRATIVE OF LAND DISTURBING ACTIVITY

THE PROPOSED SITE DEVELOPMENT IS LOCATED AT 2463 GOLDEN CAMP RD, AUGUSTA, GA 30906. THE SITE IS 11.40 ACRES AND IS EXISTING COMMUNITY CENTER PARK, SWIM CENTER AND SENIOR CENTER. THE SITE GENTLY SLOPES FROM SOUTHWEST TO NORTH EAST. THE PROPOSED PROJECT WILL INCLUDE A 21,840 SQUARE FOOT COMMUNITY CENTER REPLACING THE OLD CENTER AND CONSTRUCTION WILL INCLUDE ASPHALT AND CONCRETE PAVING, AND UTILITIES TO SERVICE THE FACILITY.

VEGETATION: THE PROJECT SITE IS CURRENTLY GRASSSED AND GRAVEL IN FAIR CONDITION.

PRACTICES THAT WILL BE USED TO REDUCE THE POLLUTANTS IN STORM WATER DISCHARGES DURING CONSTRUCTION INCLUDE (CHECKLIST ITEM 26):

### INITIAL PHASE: PERIMETER CONTROL

- SILT FENCE - TO PREVENT SEDIMENT CARRIED BY SHEET FLOW FROM LEAVING THE SITE AND ENTERING NATURAL DRAINAGE WAYS OR STORM DRAINAGE SYSTEM BY SLOWING STORM WATER RUNOFF AND CAUSING DEPOSITION OF SEDIMENT AT THE STRUCTURE.
- TEMPORARY SEDIMENT TRAP - TO PREVENT SEDIMENT FLOW FROM LEAVING THE SITE AND ALLOW SEDIMENT TO SETTLE OUT OF STORM WATER PRIOR TO DISCHARGE OFF SITE.
- CONSTRUCTION EXIT - TO REDUCE AND ELIMINATE TRANSPORT OF MUD FROM CONSTRUCTION AREA INTO PUBLIC RIGHTS-OF-WAY BY MOTOR VEHICLES OR BY RUNOFF.

### INTERMEDIATE PHASE: INTERMEDIATE CONSTRUCTION CONTROL

- SILT FENCE - TO PREVENT SEDIMENT CARRIED BY SHEET FLOW FROM LEAVING THE SITE AND ENTERING NATURAL DRAINAGE WAYS OR STORM DRAINAGE SYSTEM BY SLOWING STORM WATER RUNOFF AND CAUSING DEPOSITION OF SEDIMENT AT THE STRUCTURE.
- CONSTRUCTION EXIT - TO REDUCE AND ELIMINATE TRANSPORT OF MUD FROM CONSTRUCTION AREA INTO PUBLIC RIGHTS-OF-WAY BY MOTOR VEHICLES OR BY RUNOFF.
- DUST CONTROL - TO PREVENT SURFACE AND AIR MOVEMENT OF DUST FROM EXPOSED SOIL SURFACE AND TO REDUCE PRESENCE OF AIRBORNE SUBSTANCES WHICH MAY BE HARMFUL OR INJURIOUS TO HUMAN HEALTH WELFARE, OR SAFETY, OR TO ANIMALS OR PLANT LIFE.
- EROSION CONTROL MATTING ON SLOPES 3:1 OR GREATER.
- TEMPORARY GRASSING TO REDUCE RUNOFF AND SEDIMENT DAMAGE OF DOWNSTREAM RESOURCES.
- RRAPF OUTLET PROTECTION TO REDUCE VELOCITY OF FLOW BEFORE ENTERING RECEIVING CHANNELS BELOW STORM DRAIN OUTLETS.
- CONSTRUCTION ROAD TO PROVIDE A FIXED TRAVEL ROUTE FOR CONSTRUCTION TRAFFIC AND REDUCE EROSION AND SUBSEQUENT REGRADING OF PERMANENT ROADBEDS BETWEEN TIME OF INITIAL GRADING AND FINAL STABILIZATION.

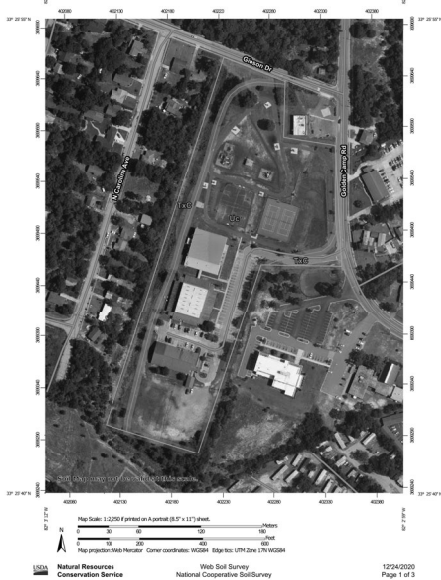
### FINAL PHASE: SITE STABILIZATION

- PERMANENT GRASSING AND/OR VEGETATION AS SPECIFIED ON THE LANDSCAPE PLAN.

MEASURES THAT WILL BE INSTALLED DURING THE CONSTRUCTION PROCESS TO CONTROL POLLUTANTS IN STORM WATER THAT WILL OCCUR AFTER CONSTRUCTION OPERATIONS WILL INCLUDE (CHECKLIST ITEM 26):

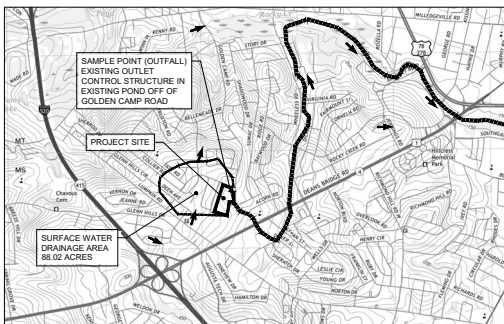
- PERMANENT GRASSING - TO REDUCE RUNOFF AND SEDIMENT DRAINAGE; PROTECT SOIL SURFACE FROM EROSION AND TO IMPROVE INFILTRATION AND AERATION AS WELL AS ORGANIC MATTER FOR PERMANENT PLANTINGS.

## Soil Map--Richmond County, Georgia (Henry Brigham Community Center)



## Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
TaC	Trop-Upland land complex, 1 to 5 percent slopes	1.8	17.9%
Uc	Udorthents, sandy and loamy	8.4	82.1%
Totals for Area of Interest		10.2	100.0%



## SURFACE DRAINAGE AREA MAP

USGS - AUGUSTA WEETS QUAD MAP - 7.5 MINUTE  
SCALE: 1" = 24,000'

## NPDES GAR 100001 CERTIFICATION

(1) CERTIFY THAT THE PERMITTEE'S EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN PROVIDES FOR AN APPROPRIATE AND COMPREHENSIVE SYSTEM OF BEST MANAGEMENT PRACTICES REQUIRED BY THE GEORGIA WATER QUALITY CONTROL ACT AND THE DOCUMENT "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA" (MANUAL) PUBLISHED BY THE STATE SOIL AND WATER CONSERVATION COMMISSION AS OF JANUARY 1 OF THE YEAR IN WHICH THE LAND-DISTURBING ACTIVITY WAS PERMITTED, PROVIDES FOR THE SAMPLING OF THE RECEIVING WATER(S) OR THE SAMPLING OF STORM WATER OUTFALLS AND THAT THE DESIGNED SYSTEM OF BEST MANAGEMENT PRACTICES AND SAMPLING METHODS IS EXPECTED TO MEET THE REQUIREMENTS CONTAINED IN THE GENERAL NPDES PERMIT NO. GAR100001.

(2) CERTIFY UNDER PENALTY OF LAW THAT THIS PLAN WAS PREPARED AFTER A SITE VISIT TO THE LOCATIONS DESCRIBED HEREIN BY MYSELF OR MY AUTHORIZED AGENT, UNDER MY DIRECT SUPERVISION.

TREVOR A. WIMBERLY  
LEVEL II CERT. NO. 0000066005

08/09/2021  
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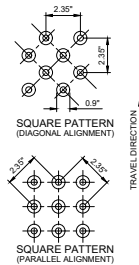
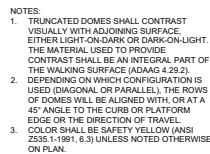
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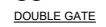
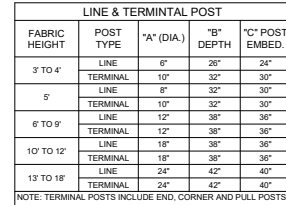


 <p>Since 1980</p> <p>Architects • Engineers • Landscape Architects</p> <p><b>JOHNSON, LASCHOB &amp; ASSOCIATES, P.C.</b></p> <p>AUGUSTA, GA • MT. PLEASANT, SC  TEL (800) 724-9756 • TEL (843) 303-4010  FAX (800) 724-3055  WWW.THEJLAAGROUP.COM</p>		<p><b>PROJECT NAME:</b></p> <p style="font-size: 1.2em; font-weight: bold; text-align: center;">HENRY BRIGHAM COMMUNITY CENTER</p> <p><b>PROJECT LOCATION:</b></p> <p>2463 GOLDEN CAMP RD. AUGUSTA, GA 30906</p>											
<p><b>CLIENT:</b></p> <p>AUGUSTA GA BOARD OF COMMISSIONERS</p> <p>535 TELFAIR STREET, AUGUSTA, GA 30901</p>													
<p>PROJECT NO. 3042.2005</p> <p>DRAWN BY JDP</p> <p>CHECKED BY: TAW</p> <p>DATE: 02/21/2022</p> <p>SHEET TITLE:</p> <p style="font-size: 1.2em; font-weight: bold;">MISCELLANEOUS DETAILS</p> <p style="font-size: 1.2em; font-weight: bold;">SHT. 1 OF 5</p> <p>SCALE: AS NOTED</p> <p>DRAWING NO.</p> <p style="font-size: 2em; font-weight: bold;">C-601</p> <p>ISSUED FOR BID</p>		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">REV</th> <th style="width: 10%;">DATE</th> <th style="width: 10%;">BY</th> <th style="width: 10%;">ISSUED FOR</th> <th style="width: 60%;">DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>02/21/2022</td> <td>JDP</td> <td>FOR</td> <td>ISSUED FOR BID</td> </tr> </tbody> </table>		REV	DATE	BY	ISSUED FOR	DESCRIPTION	1	02/21/2022	JDP	FOR	ISSUED FOR BID
REV	DATE	BY	ISSUED FOR	DESCRIPTION									
1	02/21/2022	JDP	FOR	ISSUED FOR BID									

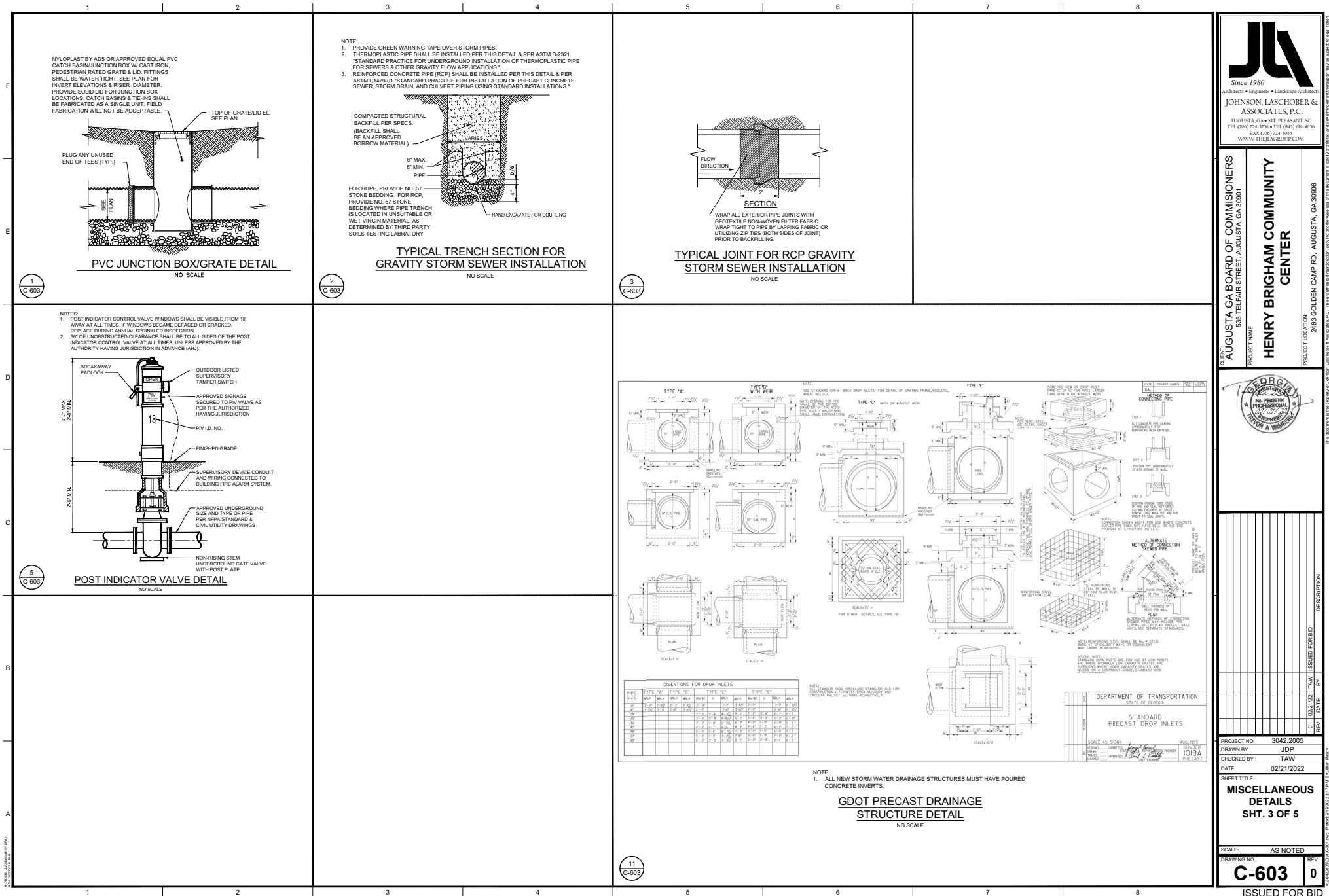




## GEOMETRY OF DETECTABLE WARNINGS







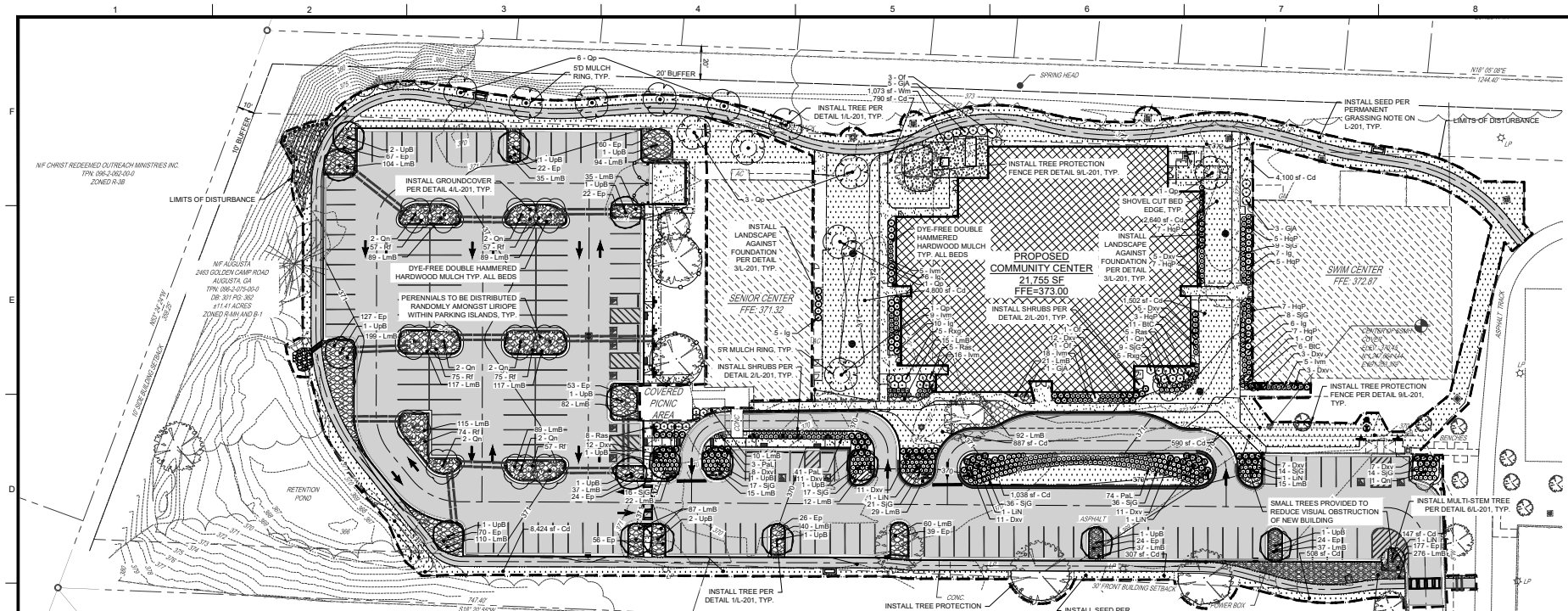












# PLANT SCHEDULE

CONTRACTOR RESPONSIBLE FOR THEIR OWN QUANTITY TAKE-OFFS

TREES	CODE	BOTANICAL / COMMON NAME	SIZE	CONTAINER	QTY
LIB		Lagerstroemia indica x fauriei 'Biloxi' / Biloxi Crape Myrtle	8'-10"	B&B	3
LIN		Lagerstroemia indica x fauriei 'Natchez' / Natchez Crape Myrtle Multi-Trunk	8'-10"	B&B	5
Qn		Quercus nuttallii / Nuttall Oak	3" Cal.	B&B	14
Qp		Quercus phellos 'QPSTA' TM / Hightower Willow Oak	3" Cal.	B&B	12
UpB		Ulmus parvifolia 'UPMTF' TM / Bosque Lacebark Elm	3" Cal.	B&B	17
SHRUBS	CODE	BOTANICAL / COMMON NAME	SIZE	CONTAINER	QTY
BIC		Berberis thunbergii 'Crimson Pygmy' / Crimson Pygmy Japanese Barberry	3 gal.	Pot	17
Dv		Distylium x 'Vintage Jade' / Vintage Jade Distylium	3 gal.	Pot	106
GJA		Gardenia jasminoides 'August Beauty' / August Beauty Gardenia	7 gal.	Pot	9
HqP		Hydrangea quercifolia 'Pee Wee' / Pee Wee Oakleaf Hydrangea	3 gal.	Pot	41
Ig		Ilex glabra / Inkberry Holly	3 gal.	Pot	34
Ivm		Itea virginica 'Merlot' TM / Short n Sweet Sweetspire	3 gal.	Pot	53
Of		Osmundus fragrans / Sweet Olive	7 gal.	Pot	6
Pat		Pennisetum alopecuroides 'Little Bunny' / Little Bunny Fountain Grass	3 gal.	Pot	118
Ras		Rhododendron azalea 'Southern Charm' / Azalea	3 gal.	Pot	18
Rtg		Rhododendron x 'George L. Taber' / George L. Taber Azalea	3 gal.	Pot	10

1 TREE PLAN SHT. 1 OF 2					
TREES	CODE	BOTANICAL / COMMON NAME	SIZE	CONTAINER	QTY
SG		Spiraea japonica 'Goldmound' / Goldmound Japanese Spirea	3 gal.	Pot	197
GROUND COVERS	CODE	BOTANICAL / COMMON NAME	SIZE	CONTAINER	QTY
Cd		Cynodon dactylon / Bermuda Grass	sod		30,117 sf
Ep		Echinacea purpurea / Purple Coneflower	1 gal.	Pot	30" o.c. 791
LmB		Liriope muscari 'Big Blue' / Big Blue Lilyturf	1 gal.	Pot	24" o.c. 2,080
Rf		Rudbeckia fulgida / Orange Coneflower	1 gal.	Pot	30" o.c. 395
Wm		Wood mulch / Double Hammered Hardwood Bark Mulch	---	N/A	1,073 sf

NOTE: THE LANDSCAPE ARCHITECT HAS SELECTED PLANT VARIETIES THAT ATTAIN SPECIFIC SIZES. ANY PROPOSED SUBSTITUTIONS TO THE PLANT SCHEDULE DUE TO AVAILABLE SUPPLY MUST BE APPROVED BY THE PROJECT LANDSCAPE ARCHITECT

TREE CANOPY POINTS				
SYM.	BOTANICAL NAME	COMMON NAME	QTY.	SF PROVIDED
LIB	Lagerstroemia indica x fauriei 'Biloxi'	Biloxi Crape Myrtle Multi Trunk	3	300 SF
LIN	Lagerstroemia indica x fauriei 'Natchez'	Natchez Crape Myrtle Multi Trunk	5	300 SF
Qn	Quercus nuttallii	Nuttall Oak	14	1,400 SF
Qp	Quercus phellos 'QPSTA'	Hightower Willow Oak	12	1,400 SF
UpB	Ulmus parvifolia 'Bosque'	Bosque Lacebark Elm	17	1,400 SF
				23,800 SF
				62,600 SF

## EXISTING TREES NOTE:

IF EXISTING TREES ARE DESTROYED DURING CONSTRUCTION THEY WILL HAVE TO BE REPLACED PRIOR TO THE ISSUANCE OF THE CERTIFICATE OF OCCUPANCY FOR THE BUILDING

## TREE ORDINANCE REQUIREMENTS

STREET/YARD BUFFER TREES FOR COMPLIANCE WITH THE TREE ORDINANCE 3 TREES ARE REQUIRED TO BE PROVIDED AT THE ENTRY OF THE BUILDING. THREE SMALL TREES WILL BE USED TO MATCH EXISTING STREET TREES.

PARKING LOT TREES PARKING LOT TREES REQUIRED: 32 LARGE TREES PARKING LOT TREES PROVIDED: 31 LARGE TREES + 1 EXISTING LARGE TREE THAT WILL REMAIN A PARKING LOT TREE = 32 LARGE TREES TOTAL

NO PARKING SPACE IS MORE THAN 65' FROM THE TRUNK OF ANY PROPOSED TREE THERE ARE NOT MORE THAN 12 PARKING SPACES BETWEEN PROPOSED TREES

### REAR TREE BUFFER

184 LF OF THE 20' REAR BUFFER IS UNVEGETATED. THIS AREA REQUIRES 1 TREE EVERY 45 LF 184 / 45 = 5 + 1 = 6 LARGE TREES REQUIRED 6 LARGE TREES PROVIDED

TREES ARE UNABLE TO BE PLANTED IN THE 20' BUFFER DUE TO A SEVERE SLOPE, SO INSTEAD THEY ARE PLANTED AT THE TOE OF THE SLOPE ALONG THE WALKING TRACK.

## MINIMUM CANOPY AND REPLACEMENT TREE REQUIREMENTS

ALL LAND UNDERGOING DEVELOPMENT SHALL PROVIDE FOR THIRTY PERCENT (30%) MINIMUM TREE CANOPY COVERAGE. TREE CANOPY COVERAGE IS THE SUM TOTAL OF PRESERVED TREES AND REPLACEMENT TREES AT THEIR ANTICIPATED CANOPY COVERAGE TEN (10) YEARS FROM THE TIME THAT THE SITE IS DEVELOPED.

ALL REPLACEMENT TREES MUST BE THREE (3) INCH CALIPER OR GREATER, 8' OR GREATER IN HEIGHT, AND UNBRANCHED TO 6'. ALL REPLACEMENT TREES MUST ADHERE TO THE REQUIREMENTS OF THE AUGUSTA TREE ORDINANCE SECTION 6-4-13(g).

REPLACEMENT VALUES:

OVERSTORY TREES: LARGE GROWTH TREE = 1,400 SF/TREE MEDIUM GROWTH TREE = 750 SF/TREE UNDERSTORY TREES: SMALL GROWTH TREE = 300 SF/TREE

TOTAL DISTURBED SITE AREA: 3.99 ACRES (173,805 SF)

REQUIRED MINIMUM CANOPY: 173,805 x 0.3 = 52,142 SF (1.20 ACRES)

8 PRESERVED LARGE GROWTH TREES X 1,400 SF = 11,200 SF

0 PRESERVED MEDIUM GROWTH TREES X 750 SF = 0 SF

0 PRESERVED SMALL GROWTH TREES X 300 SF = 0 SF

TOTAL PRESERVED TREE CANOPY: 11,200 SF (0.26 ACRES)

52,142 SF (1.20 ACRES) TREE CANOPY REQUIRED - 11,200 SF (0.26 ACRES) PRESERVED TREE CANOPY = 40,942 SF (0.94 ACRES) ADDITIONAL TREE CANOPY REQUIRED

REPLACEMENT TREES PROVIDED:

29 LARGE GROWTH PARKING LOT TREES (13-Qn, 16-UpB)

2 SMALL GROWTH PARKING LOT TREES (2-LIN)

6 LARGE GROWTH BUFFER TREES (6-Qn)

3 SMALL GROWTH STREET/YARD BUFFER TREES (3-UpB)

3 SMALL GROWTH TREES (3-LIN)

8 LARGE GROWTH TREES (8-Qn, 1-Qn, 1-UpB)

(43 LARGE TREES X 1,400 SF) + (6 MEDIUM TREES X 750 SF) + (8 SMALL TREES X 300 SF) = 62,600 SF PROVIDED

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The underground utilities shown have been located from field survey information and existing drawings. The engineer makes no guarantee that the underground utilities shown comprise all utilities in the area, either in service or abandoned. The engineer further does not warrant that the underground utilities shown are in the exact location indicated although he does certify that they are located as accurately as possible from information available. The engineer has not physically located the underground utilities.

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PROJECT NAME  
**HENRY BRIGHAM COMMUNITY CENTER**  
PROJECT LOCATION  
2483 GOLDEN CAMP RD, AUGUSTA, GA 30906



REV	DATE	TITLE	DESCRIPTION
0	02/21/2022	TAW	
1		BP	

PROJECT NO: 3042.2005  
DRAWN BY: JNR  
CHECKED BY: EDH  
DATE: 02/21/2022

SHEET TITLE:  
**TREE PLAN SHT. 1 OF 2**

SCALE: 1" = 30'

DRAWING NO.  
**L-101**

ISSUED FOR BID





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GA EAST ZONE NAD 83

30' 15' 0 30'

SCALE: 1" = 30'

PROJECT NO.	3042.2005
DRAWN BY :	JNR
CHECKED BY :	EDH
DATE:	02/21/2022

SHEET TITLE :  
**TREE PLAN SHT. 2  
OF 2**

SCALE: 1" = 30'

DRAWING NO.	REV.
L-102	0

ISSUED FOR BID



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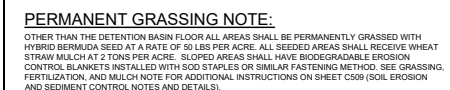
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**HENRY BRIGHAM COMMUNITY  
CENTER**

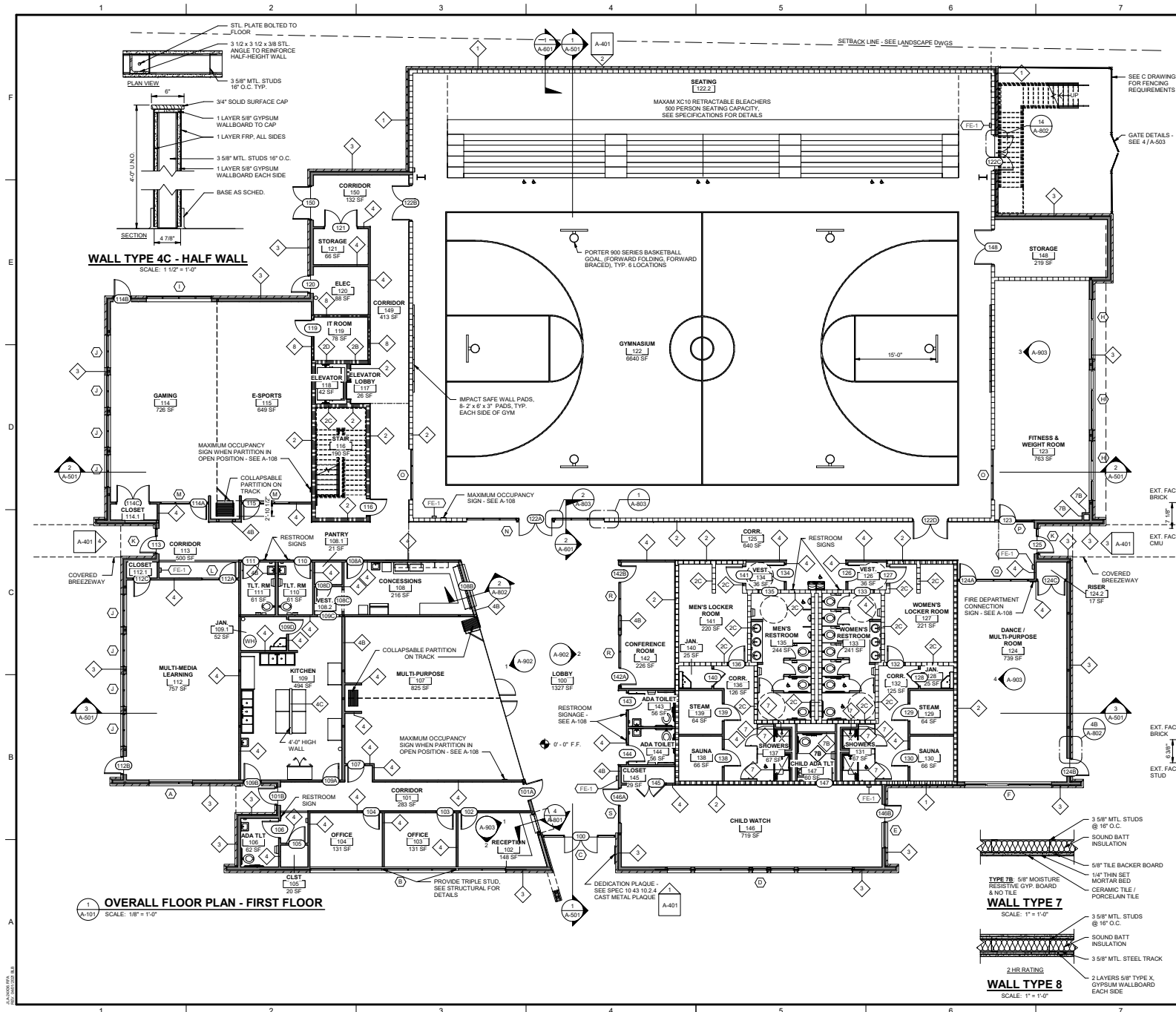
PROJECT LOCATION:  
2463 GOI DEN CAMP RD ALBUQUERQUE, NM 87106

[illegible]









**GRAPHIC SYMBOLS**

DRAWING LOCATION ON SHEET GRID  
DRAWING NAME  
**View Name**  
SCALE: 1/8" = 1'-0"  
DRAWING SCALE  
SHEET NUMBER FOR LOCATION OF DETAIL

**BUILDING ELEVATION KEY**  
ELEVATION LOCATION ON SHEET GRID  
SHEET IDENTIFIER FOR LOCATION OF ELEVATION  
DIRECTION OF ELEVATION

**REVISION INDICATION**  
REVISION NUMBER

**AREA REVISED**  
TYPICAL DIMENSION INDICATOR  
9'-0"

**DOOR NUMBER**  
SEE A-801  
FLOOR ELEVATION  
01 FLOOR

**GLASS TYPE**  
SEE A-804 & A-805  
ROOM NAME AND AREA  
ROOM NAME  
L 151 J  
150 SF

**SECTION KEYS**  
DIRECTION OF SECTION  
BUILDING SECTION LOCATION ON SHEET GRID  
SHEET IDENTIFIER FOR LOCATION OF SECTION  
DIRECTION OF SECTION  
WALL SECTION LOCATION ON SHEET GRID  
TERMINATION OF SECTION  
SHEET IDENTIFIER FOR LOCATION OF SECTION

**INTERIOR ELEVATION KEY**  
ELEVATION LOCATION ON SHEET GRID  
SHEET IDENTIFIER FOR LOCATION OF ELEVATION  
DIRECTION OF ELEVATION

NOTE: SEE G-001 FOR ALL GRAPHIC SYMBOLS

**WALL TYPE 1**  
SCALE: 1" = 1'-0"

BRICK VENEER  
2" AIR SPACE  
1" RIGID INSULATION (R7 & C1, MIN.)  
LIQUID APPLIED VAPOR BARRIER  
7 5/8" x 15 5/8" CMU BLOCK  
5/8" GYPSUM WALLBOARD  
7/8" HAT CHANNELS @ 34" O.C.  
7 5/8" x 15 5/8" CMU BLOCK

**WALL TYPE 2**  
SCALE: 1" = 1'-0"

BRICK VENEER  
AIR SPACE  
1" RIGID INSULATION (R5 & C1)  
LIQUID APPLIED VAPOR BARRIER  
5/8" SHEATHING PLYWOOD  
R19 BATT INSULATION  
5/8" METAL STUDS @ 16" O.C.  
5/8" GYPSUM WALLBOARD

**WALL TYPE 3**  
SCALE: 1" = 1'-0"

SOUND BATT INSULATION  
5/8" TILE BACKER BOARD  
5/8" THIN SET MORTAR BED  
CERAMIC TILE / PORCELAIN TILE

**WALL TYPE 7**  
SCALE: 1" = 1'-0"

3 5/8" MTL. STUDS @ 16" O.C.  
SOUND BATT INSULATION  
5/8" MTL. STEEL TRACK

**WALL TYPE 8**  
SCALE: 1" = 1'-0"

2 HR. RATING  
2 LAYERS 5/8" TYPE X GYPSUM WALLBOARD EACH SIDE

**WALL TYPE 4**  
SCALE: 1" = 1'-0"

3 5/8" MTL. STUDS @ 16" O.C.  
1 LAYER 5/8" GYPSUM WALLBOARD EACH SIDE, EXTEND SHEETROCK, MIN. OF 2'-0" ABOVE CEILING HEIGHT (MOISTURE RESISTIVE AT TOILETS, JAN., SAUNA, STEAM, CONCESSIONS & KITCHEN)

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**HENRY BRIGHAM COMMUNITY CENTER**  
PROJECT LOCATION: 2408 GOLDEN CAMP RD C, AUGUSTA, GA 30908

**PROJECT NO. 3042.2005**  
DRAWN BY: CBW/JPT  
CHECKED BY: WLD  
DATE: 02/21/2022

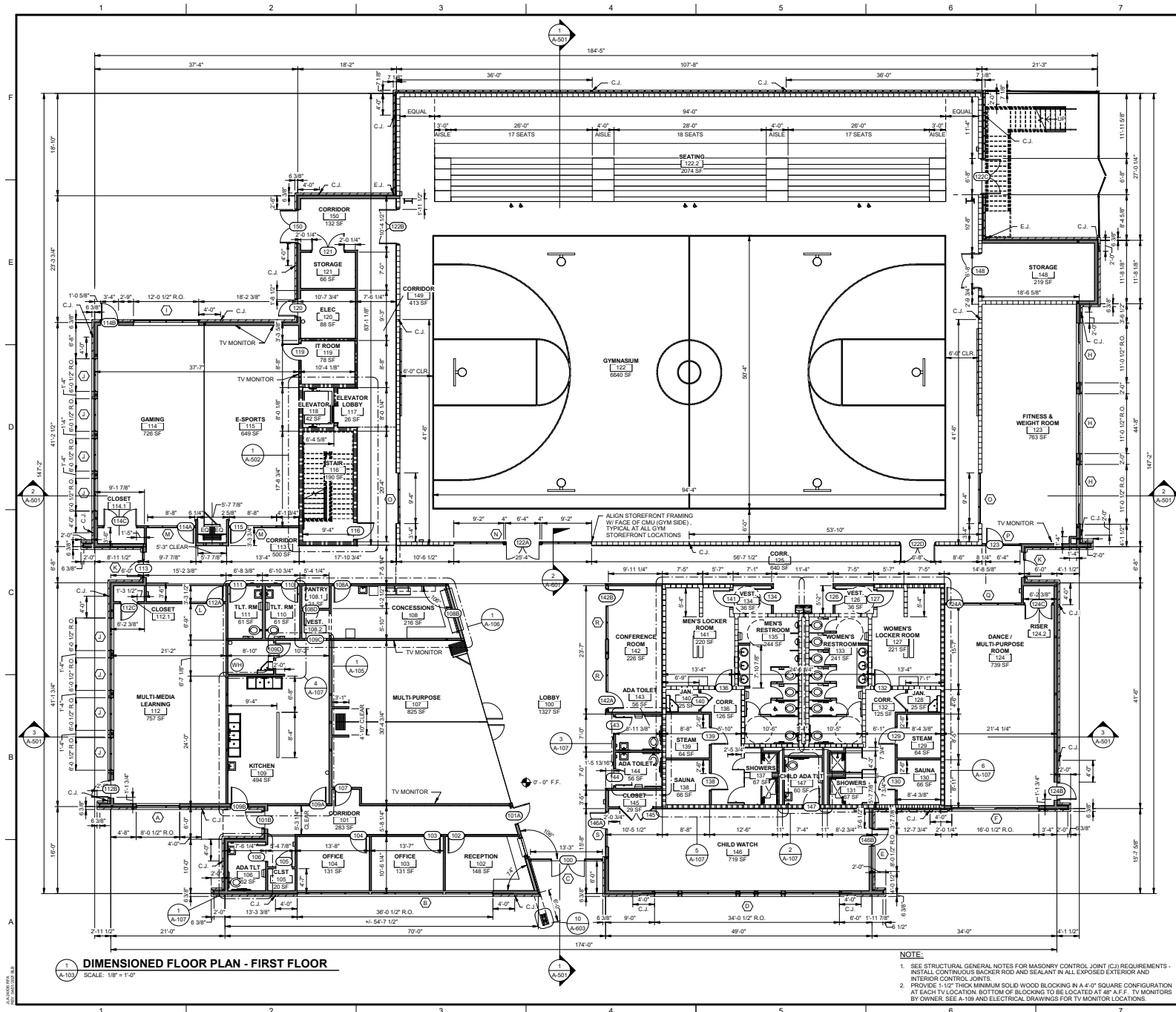
**INFORMATION FLOOR PLAN - FIRST FLOOR**

SCALE: AS NOTED  
DRAWING NO. **A-101**  
REV: 0









**GRAPHIC SYMBOLS**

CENTERLINE

COLUMN GRID REFERENCE

**View Name**  
DRAWING LOCATION ON SHEET GRID  
DRAWING SCALE  
SHEET IDENTIFIER FOR LOCATION OF DETAIL

**DETAIL PLAN KEY**  
DETAIL LOCATION ON SHEET GRID  
TERMINATION OF SECTION  
SHEET IDENTIFIER FOR LOCATION OF DETAIL

**ENLARGED DETAIL INDICATOR**  
DETAIL LOCATION ON SHEET GRID  
SHEET IDENTIFIER FOR LOCATION OF DETAIL

**BUILDING ELEVATION KEY**  
ELEVATION LOCATION ON SHEET GRID  
SHEET IDENTIFIER FOR LOCATION OF ELEVATION  
DIRECTION OF ELEVATION

**REVISION INDICATION**  
REVISION NUMBER

AREA REVISED

TYPICAL DIMENSION INDICATOR

DOOR NUMBER  
FLOOR ELEVATION  
0' FLOOR

STOREFRONT GLASS  
ROOM NAME AND AREA  
ROOM NAME  
150 SF

**SECTION KEYS**  
DIRECTION OF SECTION  
BUILDING SECTION LOCATION ON SHEET GRID  
SHEET IDENTIFIER FOR LOCATION OF SECTION  
DIRECTION OF SECTION  
WALL SECTION LOCATION ON SHEET GRID  
TERMINATION OF SECTION  
SHEET IDENTIFIER FOR LOCATION OF SECTION

**DIMENSION NOTES**

- EXTERIOR DIMENSIONS ARE FROM EDGE OF SLAB/ FACE OF CMU WALL/ FACE OF METAL STUD TO FACE OF CMU WALL/ FACE OF METAL STUD
- INTERIOR DIMENSIONS ARE FROM FACE OF CMU WALL/ FACE OF METAL STUD TO FACE OF CMU WALL/ FACE OF METAL STUD

**WALL LEGEND**

- 1 HR RATED WALL
- 8" CMU MUST HAVE EQUIVALENT THICKNESS = 2" R
- UL ASSEMBLY 1906
- SEE VG-002
- 2 HR RATED WALL - UL U419
- SEE VG-002

**DOOR LOCATION U.N.O.**

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

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PROJECT LOCATION  
2408 GOLDEN CAMP RD C. AUGUSTA, GA 30908

CITY OF AUGUSTA  
WATSON  
DORIS III  
AUGUSTA, GA

NO.	DATE	BY	REV	DESCRIPTION
0	02/21/2022	WLD	ISSUED FOR BID	

PROJECT NO. 3042.2005  
DRAWN BY: CBW/CTH  
CHECKED BY: WLD  
DATE: 02/21/2022  
SHEET TITLE:  
**DIMENSIONED FLOOR PLAN - FIRST FLOOR**

SCALE AS NOTED  
DRAWING NO. **A-103**  
REV. 0

**NOTE:**

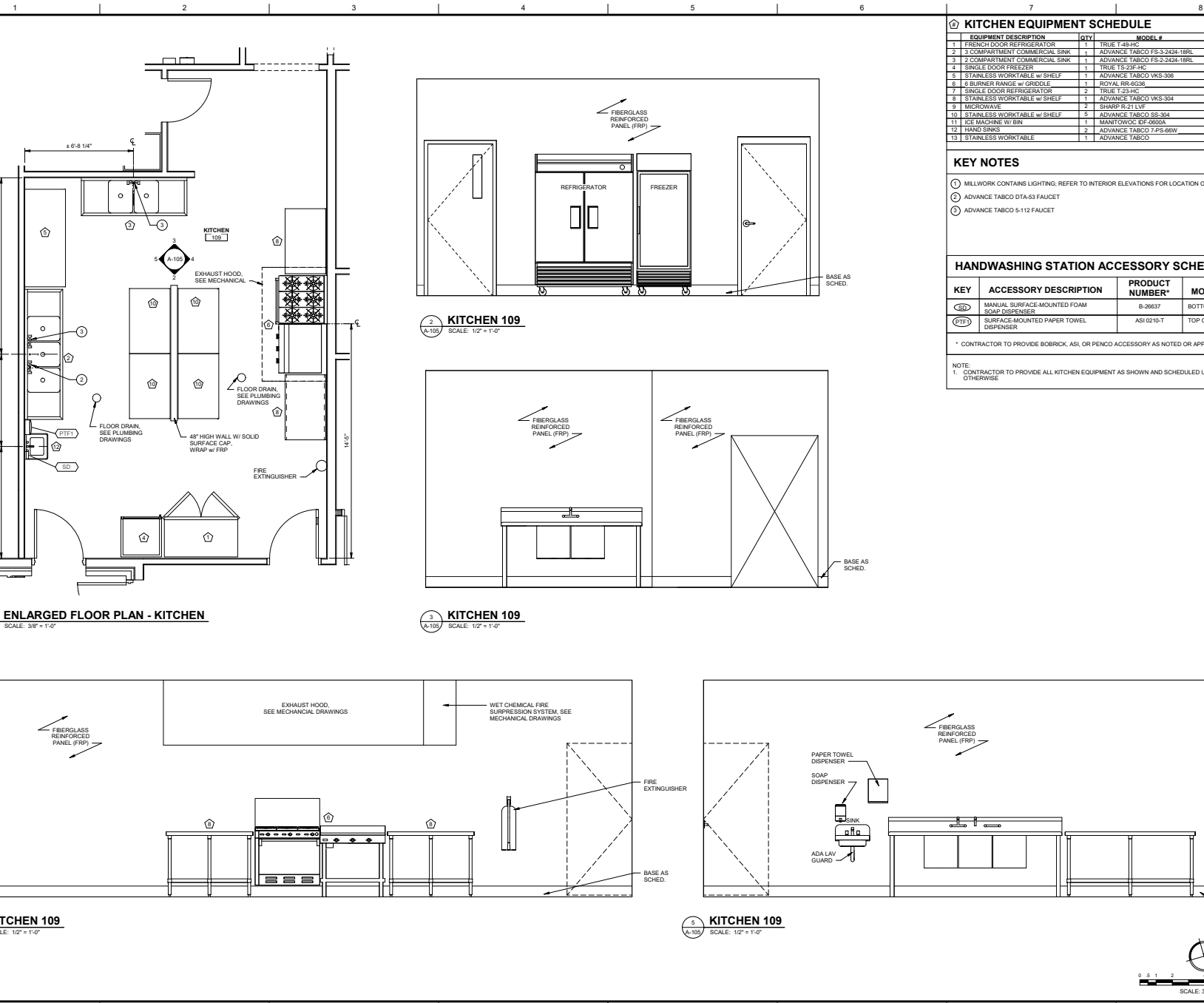
- SEE STRUCTURAL GENERAL NOTES FOR MASONRY CONTROL JOINT (CJ) REQUIREMENTS.
- INSTALL CONTINUOUS BAKER ROD AND SEALANT IN ALL EXPOSED EXTERIOR AND INTERIOR CONTROL JOINTS.
- PROVIDE 1-1/2" THICK MINIMUM SOLID WOOD BLOCKING IN A 4'-0" SQUARE CONFIGURATION AT EACH TV LOCATION. BOTTOM OF BLOCKING TO BE LOCATED AT 48" A.F.F. TV MONITORS BY OWNER. SEE A-109 AND ELECTRICAL DRAWINGS FOR TV MONITOR LOCATIONS.







A  
B  
C  
D  
E  
F



KITCHEN EQUIPMENT SCHEDULE			
EQUIPMENT DESCRIPTION	QTY	MODEL #	COMMENTS
1 FRENCH DOOR REFRIGERATOR	1	TRUE T-48-HC	
2 3 COMPARTMENT COMMERCIAL SINK	1	ADVANCE TABCO FS-3-2424-1BRLL	
3 2 COMPARTMENT COMMERCIAL SINK	1	ADVANCE TABCO FS-2-2424-1BRLL	
4 SINGLE DOOR FREEZER	1	TRUE TS-20P-HC	
5 STAINLESS WORKTABLE w/ SHELF	1	ADVANCE TABCO VKS-306	
6 6 BURNER RANGE w/ GRIDDLE	1	ROYAL RK-RG36	
7 SINGLE DOOR REFRIGERATOR	1	TRUE T-23-HC	
8 STAINLESS WORKTABLE w/ SHELF	1	ADVANCE TABCO VKS-304	
9 MICROWAVE	2	SHARP R-21 LV	
10 STAINLESS WORKTABLE w/ SHELF	5	ADVANCE TABCO SS-304	
11 ICE MACHINE w/ BIN	1	MAINTOWOC EF-0600A	D-570 STORAGE BIN
12 HAND SINKS	2	ADVANCE TABCO T-PS-66W	
13 STAINLESS WORKTABLE	1	ADVANCE TABCO	

- KEY NOTES**
- 1 MILLWORK CONTAINS LIGHTING; REFER TO INTERIOR ELEVATIONS FOR LOCATION OF SECTION DETAILS.
  - 2 ADVANCE TABCO DTA-53 FAUCET
  - 3 ADVANCE TABCO 5-112 FAUCET

**HANDWASHING STATION ACCESSORY SCHEDULE**

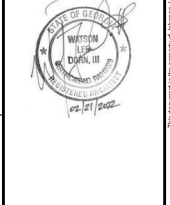
KEY	ACCESSORY DESCRIPTION	PRODUCT NUMBER*	MOUNTING HEIGHT
SSD	MANUAL SURFACE-MOUNTED FOAM SOAP DISPENSER	B-26637	BOTTOM OF UNIT - 3'-6"
PTF	SURFACE-MOUNTED PAPER TOWEL DISPENSER	ASI 0210-T	TOP OF UNIT - 4'-6" - 5'-10"

\* CONTRACTOR TO PROVIDE BOBRICK, ASI, OR Penco ACCESSORY AS NOTED OR APPROVED EQUAL

NOTE:  
1. CONTRACTOR TO PROVIDE ALL KITCHEN EQUIPMENT AS SHOWN AND SCHEDULED UNLESS NOTATED OTHERWISE

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**PROJECT NAME**  
**HENRY BRIGHAM COMMUNITY CENTER**  
**PROJECT LOCATION**  
2465 GOLDEN CAMP RD C, AUGUSTA, GA 30908



PROJECT NO.	3042.2005
DRAWN BY:	CBW
CHECKED BY:	WLD
DATE:	02/21/2022
SHEET TITLE:	ENLARGED FLOOR PLAN, ELEVATIONS & EQUIPMENT SCHEDULE - KITCHEN
SCALE:	AS NOTED
DRAWING NO.	A-105
REV:	0

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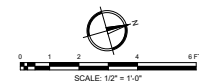
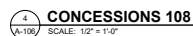


## KEY NOTES

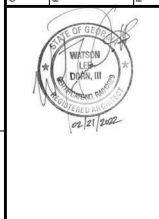
① MILLWORK CONTAINS LIGHTING: REFER TO INTERIOR ELEVATIONS FOR LOCATION OF SECTION DETAILS.

### HANDWASHING STATION ACCESSORY SCHEDULE

\* CONTRACTOR TO PROVIDE BOBRICK, ASI, OR PENCO ACCESSORY AS NOTED OR APPROVED EQUAL



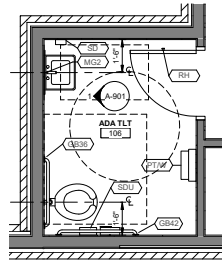
PROJECT NAME: **HENRY BRIGHAM COMMUNITY CENTER**

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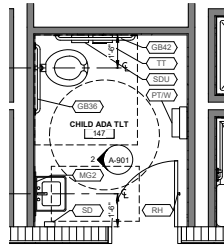
PROJECT NO.	3042 2005
DRAWN BY:	JPT
CHECKED BY:	WLD
DATE:	02/21/2022
SHEET TITLE:	
<p><b>ENLARGED FLOOR PLAN &amp; ELEVATIONS - CONCESSIONS</b></p>	

SCALE		AS NOTED	
DRAWING NO.		REV.	
<b>A-106</b>		<b>0</b>	

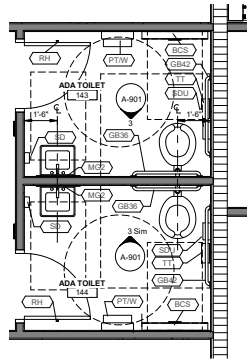




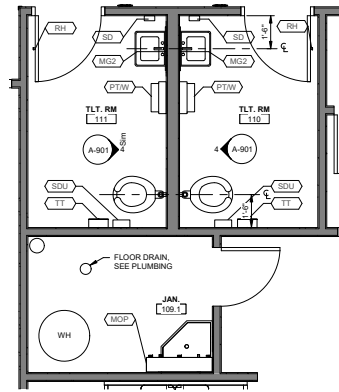
**1 ADA TOILET 106**  
SCALE: 3/8" = 1'-0"



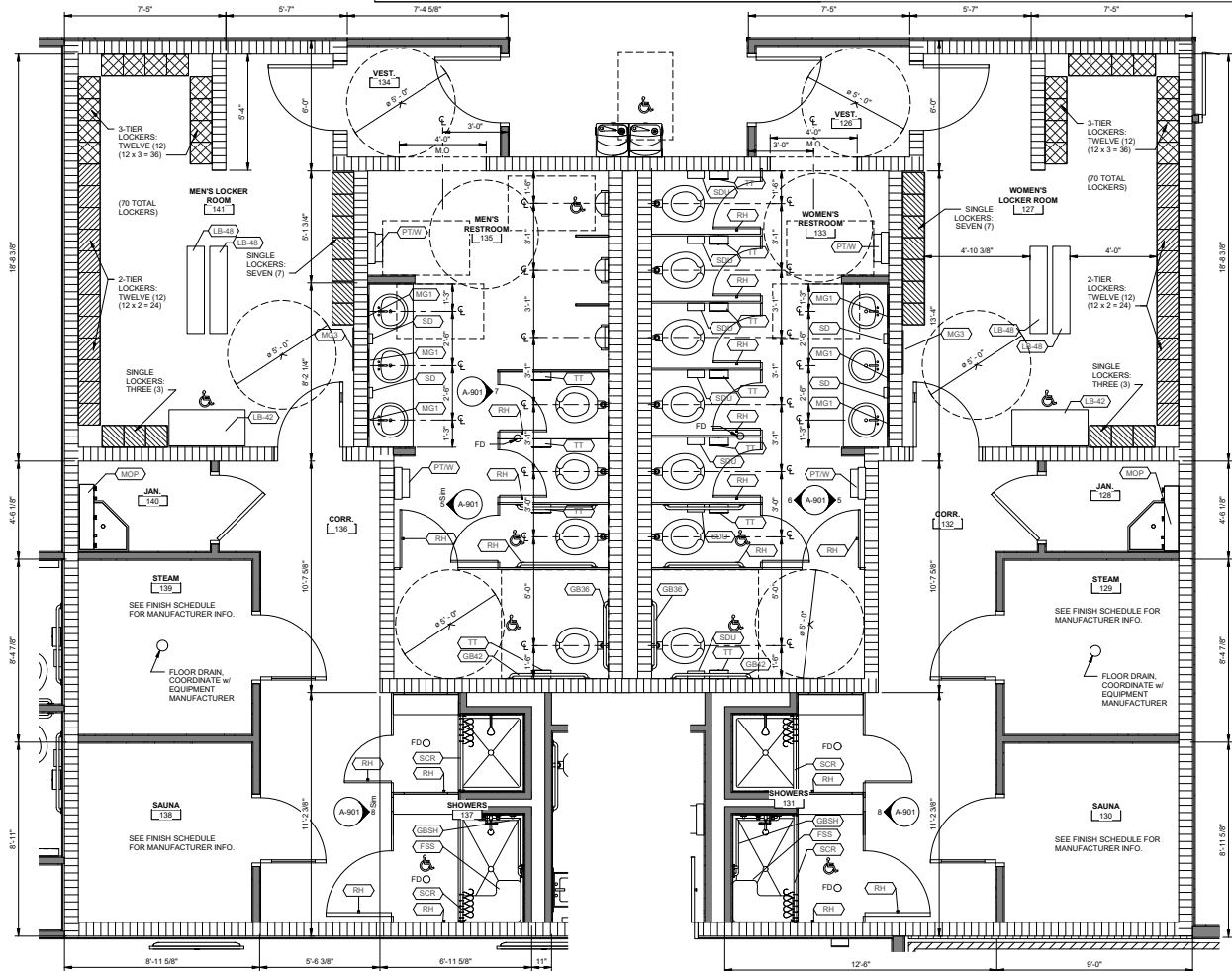
**2 CHILD ADA TOILET 147**  
SCALE: 3/8" = 1'-0"



**3 ADA TOILETS 143, 144**  
SCALE: 3/8" = 1'-0"



**4 JANITOR 109.1 & TOILET ROOMS 110 & 111**  
SCALE: 3/8" = 1'-0"



**5 MEN'S LOCKER ROOM**  
SCALE: 3/8" = 1'-0"

**6 WOMEN'S LOCKER ROOM**  
SCALE: 3/8" = 1'-0"

KEY	ACCESSORY DESCRIPTION	PRODUCT NUMBER*	MOUNTING HEIGHT
TT	SURFACE MOUNTED JUMBO ROLL TISSUE DISPENSER	ASI 0042	BOTTOM OF UNIT - 1'-6"
SD	SURFACE MOUNTED SANITARY NAPKIN DISPOSAL	ASI 0882	TOP OF UNIT - 2'-9"
BCS	HORIZONTAL SURFACE MOUNTED STAINLESS STEEL FINISH BABY CHANGING STATION	ASI 9018-9	TOP OF UNIT - 4'-0"
PTW	SEMI-RECESSED PAPER TOWEL DISPENSER & WASTE RECEPTACLE	ASI 0487-9	TOP OF WASTE - 3'-0"
LB-42	ADA LOCKER BENCH 48"x9" MOUNTED ON STEEL TUBE HEAVY DUTY PEDESTAL	PENCO 9824 & 6ACXHP14028	TOP OF BENCH - 17'-11"
LB-48	STD LOCKER BENCH 48"x9" MOUNTED ON STEEL TUBE HEAVY DUTY PEDESTAL	PENCO 9800 & 6802H028	TOP OF BENCH - 17'-11"
MG	GLASS MIRROR WITH STAINLESS STEEL ANGLE FRAME, 18" x 36"	ASI 0600-1836	BOTTOM OF UNIT - 3'-4"
MS	GLASS MIRROR WITH STAINLESS STEEL ANGLE FRAME, 24" x 36"	ASI 0600-2436	BOTTOM OF UNIT - 3'-4"
MS	GLASS MIRROR WITH STAINLESS STEEL ANGLE FRAME, 24" x 90"	ASI 0600-2460	BOTTOM OF UNIT - 3'-4"
SD	MANUAL SURFACE MOUNTED FOAM SOAP DISPENSER	B-26537	BOTTOM OF UNIT - 3'-6"

\* CONTRACTOR TO PROVIDE BOBRICK, ASI, OR PENCO ACCESSORY AS NOTED OR APPROVED EQUAL.

KEY	ACCESSORY DESCRIPTION	PRODUCT NUMBER*	MOUNTING HEIGHT
GB-36	1 1/2" DIAMETER STAINLESS STEEL GRAB BARS WITH SNAP FLANGE	B-6806 x 36	TOP OF UNIT - 3'-0"
GB-42	1 1/2" DIAMETER STAINLESS STEEL GRAB BARS WITH SNAP FLANGE	B-6806 x 42	TOP OF UNIT - 3'-0"
CS	REVERSIBLE SOLID PHENOLIC FOLDING SHOWER SEAT	B-5181	TOP OF SEAT - 1'-5"
GBH	SHOWER 1 1/2" DIAMETER STAINLESS STEEL GRAB BARS WITH SNAP FLANGE	B-6816	TOP OF UNIT - 3'-0"
RH	STAINLESS STEEL CLOTHES HOOK	B-233	CENTER OF UNIT - 3'-2" - 4'-0"
UC	UTILITY SHELF WITH MOP / BROOM HOLDERS AND RAG HOOKS	B-224	TOP OF UNIT - 5'-0"
SC	STAINLESS STEEL SHOWER CURTAIN HOOK	B-204-1	TOP OF UNIT - 6'-0"
SC	STAINLESS STEEL SHOWER CURTAIN ROD	B-207	TOP OF UNIT - 6'-0"
SC	VINYL SHOWER CURTAIN	B-204-3	TOP OF UNIT - 1'-8"

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PROJECT LOCATION  
2405 GOLDEN CAMP RD C. AUGUSTA, GA 30908



NO.	DATE	BY	DESCRIPTION
0	02/21/2022	WLD	ISSUED FOR BID

PROJECT NO. 3042.2005  
DRAWN BY: JPT  
CHECKED BY: WLD  
DATE: 02/21/2022  
SHEET TITLE:  
**ENLARGED PLAN - TOILET & LOCKER ROOMS**

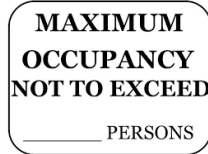
SCALE AS NOTED  
DRAWING NO. **A-107**  
REV: **0**



SEE SPECIFICATION FOR SIGN  
CONSTRUCTION REQUIREMENTS



1 SECURITY ALARM  
A-108 SCALE: 1 1/2" = 1'-0"



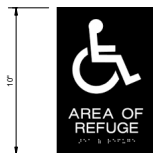
2 MAXIMUM OCCUPANCY  
A-108 SCALE: 1 1/2" = 1'-0"



3 ELEVATOR EMERGENCY SIGN  
A-108 SCALE: 1 1/2" = 1'-0"



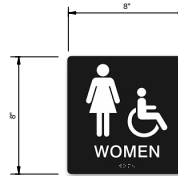
4 FIRE DEPARTMENT CONNECTION  
A-108 SCALE: 1 1/2" = 1'-0"



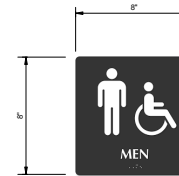
5 AREA OF REFUGE  
A-108 SCALE: 3" = 1'-0"



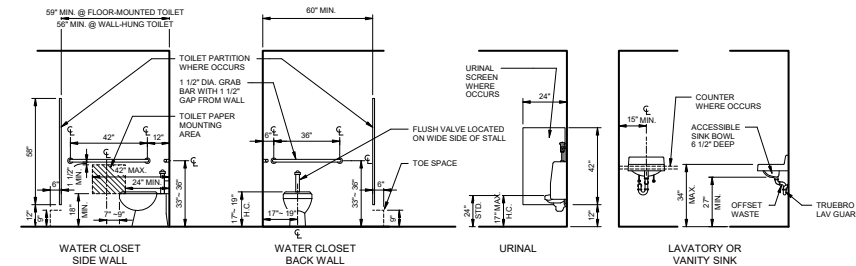
6 ADA FAMILY TOILET SIGN  
A-108 SCALE: 3" = 1'-0"



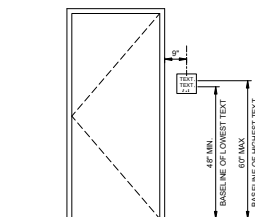
7 WOMEN W/ HANDICAP SYMBOL  
A-108 SCALE: 3" = 1'-0"



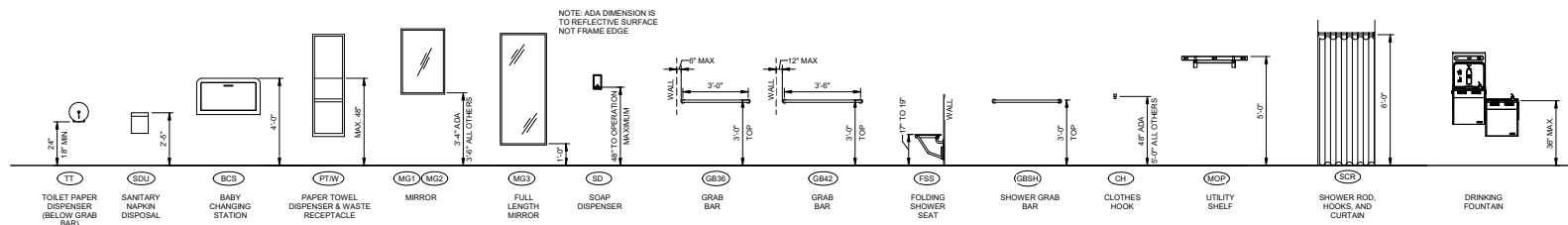
8 MEN W/ HANDICAP SYMBOL  
A-108 SCALE: 3" = 1'-0"



TYPICAL TOILET FIXTURES AND MOUNTING HEIGHTS  
SCALE: 3/8" = 1'-0"



9 SIGN LOCATION DETAIL  
A-108 SCALE: 1/2" = 1'-0"



TOILET ACCESSORIES- MOUNTING HEIGHTS  
SCALE: 3/8" = 1'-0"



REV	DATE	BY	DESCRIPTION
0	02/21/2022	WLD	ISSUED FOR BID

PROJECT NO. 3042.005  
DRAWN BY: JPT/CTH  
CHECKED BY: WLD  
DATE: 02/21/2022

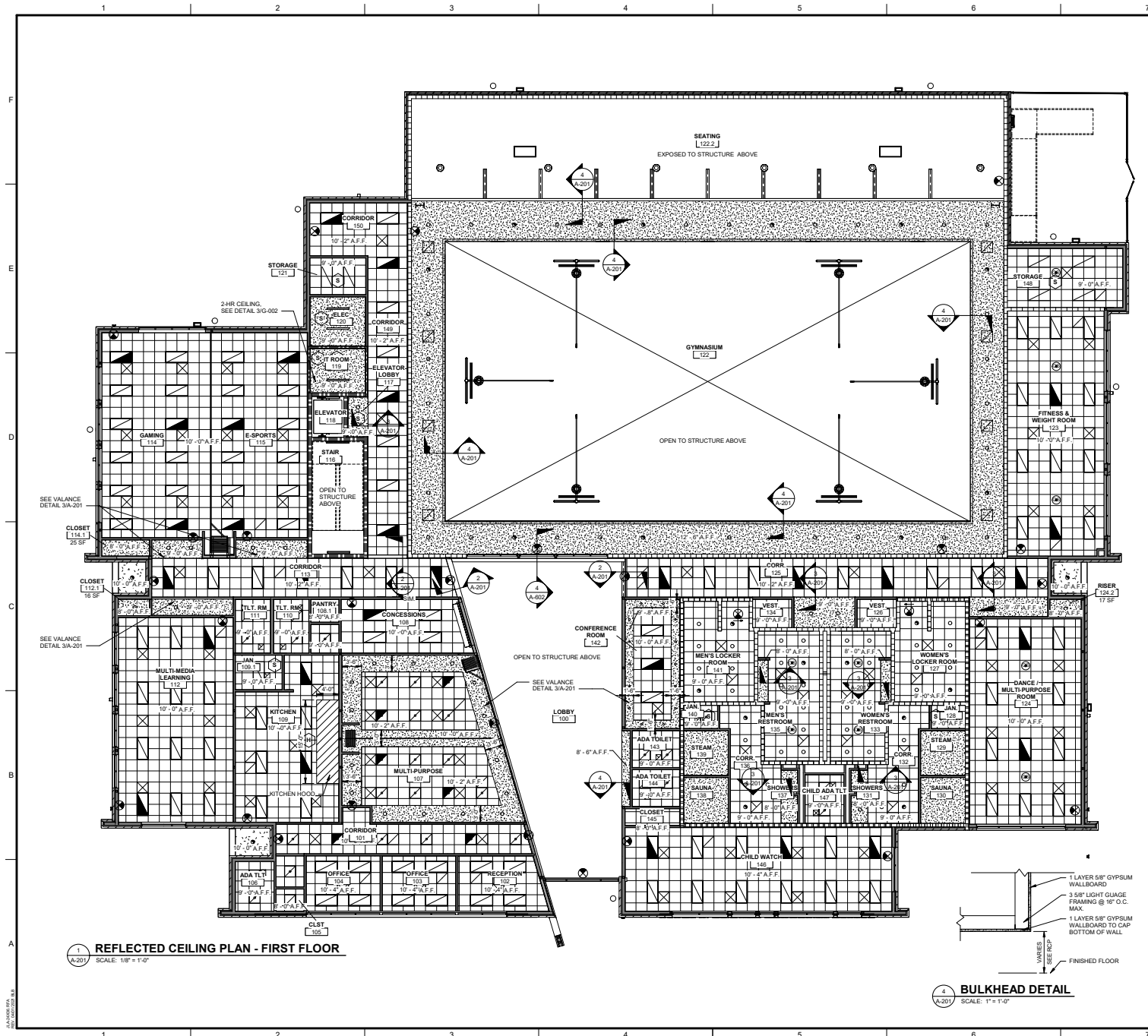
SHEET TITLE:  
TOILET ROOM ADA  
MOUNTING  
HEIGHTS, SIGNAGE

SCALE AS NOTED  
DRAWING NO. A-108  
REV: 0





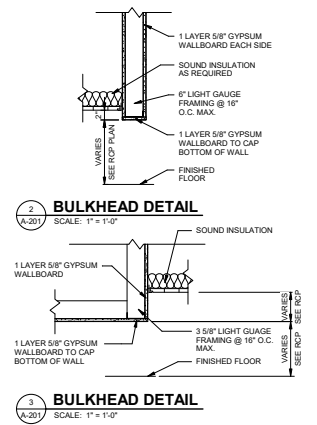




1 REFLECTED CEILING PLAN - FIRST FLOOR  
SCALE: 1/8" = 1'-0"

2 BULKHEAD DETAIL  
SCALE: 1" = 1'-0"

CEILING LEGEND	
	ACOUSTICAL CEILING TILE 2X2 LAY-IN CEILING PANEL WITH SUSPENDED GRID
	HARD CEILING GYPSUM BOARD, PAINTED
	EXPOSED CEILING 1/2" CEMENTITIOUS BOARD, PAINTED
	EXPOSED CEILING EXPOSED STRUCTURE, PAINTED
	LAY-IN FIXTURE 2 X 4 LIGHT FIXTURE
	EMERGENCY FIXTURE
	LAY-IN FIXTURE 2 X 2 LIGHT FIXTURE
	PENDANT LIGHT FIXTURE
	RECESSED LIGHT FIXTURE
	WALL MOUNTED FIXTURE
	EXIT LIGHT OR AREA OF REFUGE LIGHTED SIGN; SEE ELEC. DWGS
	SMOKE OR HEAT DETECTOR
	OCCUPANCY SENSOR
	CEILING CAP/SOUND BARRIER INSULATION PLATE ABOVE CEILING (2'-0" FROM PERIMETER WALLS)
	SUPPLY DIFFUSER/ RETURN GRILLE/ EXHAUST GRILLE SEE MECH DWGS
	SOUND BAFFLE SEE INTERIOR SPECIFICATIONS
<b>NOTES:</b> 1. SEE ELECTRICAL AND MECHANICAL DRAWINGS FOR ALL RELATED ITEMS 2. SEE ELECTRICAL DRAWINGS FOR FUTURE SCHED. 3. ALL EXPOSED STRUCTURE, ELECTRICAL CONDUITS, AND FIRE SPRINKLER PIPING TO BE PAINTED. 4. ALL LIGHT FIXTURES, EMERGENCY SIGNAGE, HVAC SUPPLY AND RETURN VENTS, FIRE AND ALARM DEVICES, AND OTHER CEILING ELEMENTS ARE TO BE CENTERED IN GYPSUM CEILING OR SOFFIT UNLESS NOTED OTHERWISE. 5. FIELD COORDINATE PLENUM SPACE AS REQUIRED AND NOTIFY ARCHITECT OF ANY VARIATION. 6. COORDINATE SPRINKLER HEAD AND DISTRIBUTION DESIGN WITH FINAL SPRINKLER SHOP DRAWINGS.	





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PROJECT NAME  
**HENRY BRIGHAM COMMUNITY CENTER**

PROJECT LOCATION  
2483 GOLDEN CAMP RD C, AUGUSTA, GA 30908



PROJECT NO. 3042 2005  
DRAWN BY: CBW/CTH  
CHECKED BY: WLD  
DATE: 02/21/2022  
SHEET TITLE:  
**REFLECTED CEILING PLAN - FIRST FLOOR**

SCALE AS NOTED  
DRAWING NO. **A-201**  
REV: 0

0 1 2 4 8 16 24 FT.  
SCALE: 1/8" = 1'-0"

0 1 2 4 8 16 24 FT.  
SCALE: 1" = 1'-0"

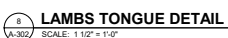
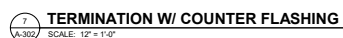
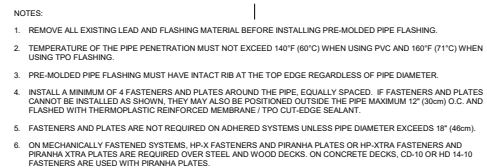
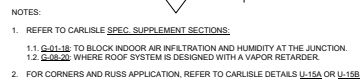




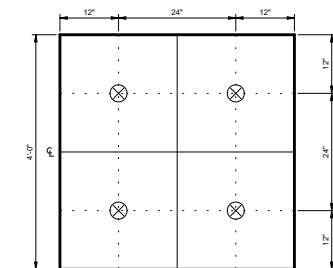




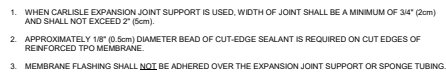








**INSULATION / COVER BOARD ATTACHMENT**  
SCALE: 1" = 1'-0"



**2 DECK TO WALL (EXPANSION)**  
A-303 NO SCALE

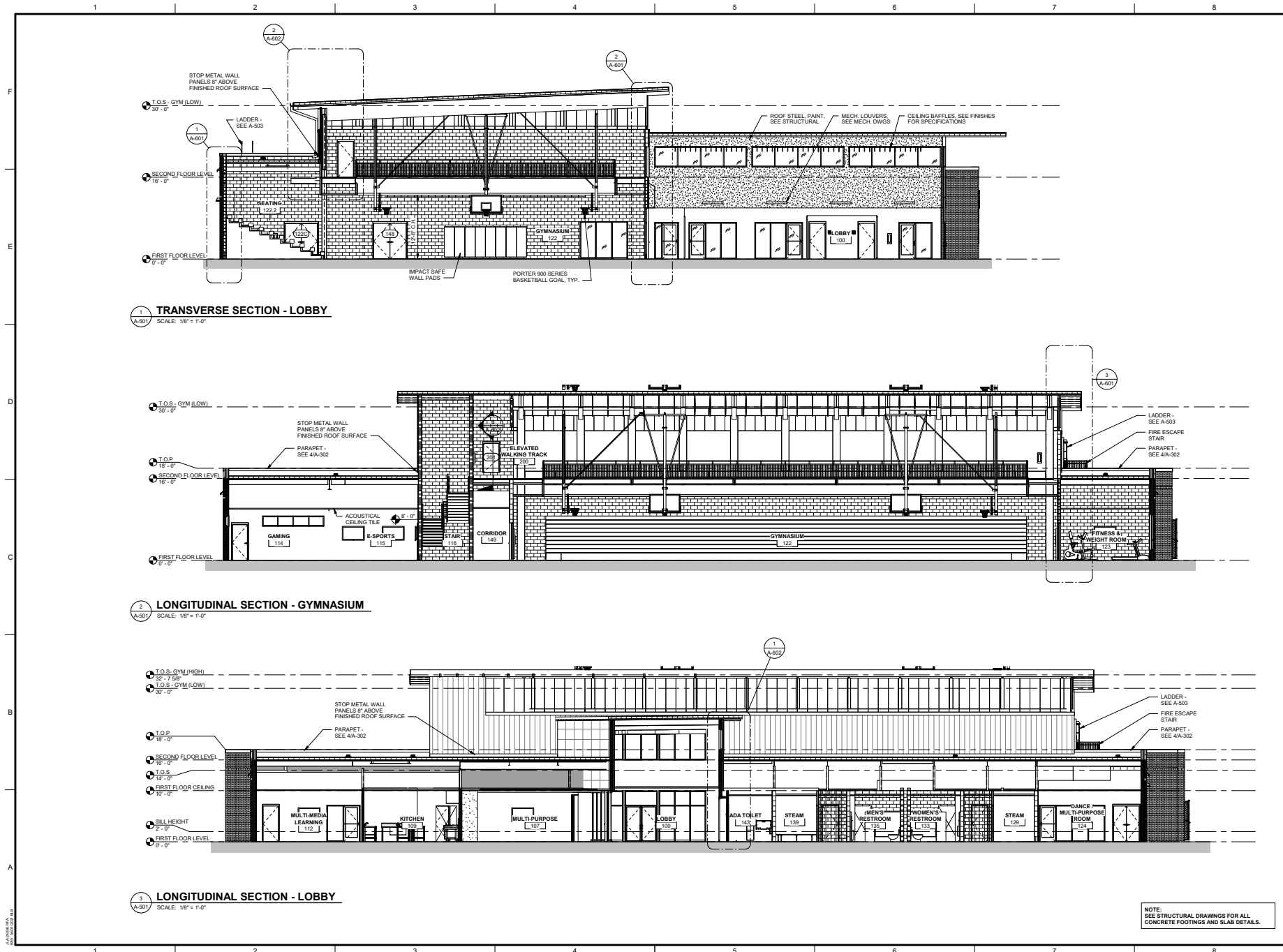


SCALE	AS NOTED
DRAWING NO.	REV.
<b>A-303</b>	<b>0</b>









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**PROJECT LOCATION**  
2483 GOLDEN CAMP RD C, AUGUSTA, GA 30908

**HENRY BRIGHAM COMMUNITY CENTER**



REV	DATE	BY	DESCRIPTION
0	02/21/2022	WLD	ISSUED FOR BID

PROJECT NO: 3042.2005  
DRAWN BY: CBW/CTH  
CHECKED BY: WLD  
DATE: 02/21/2022

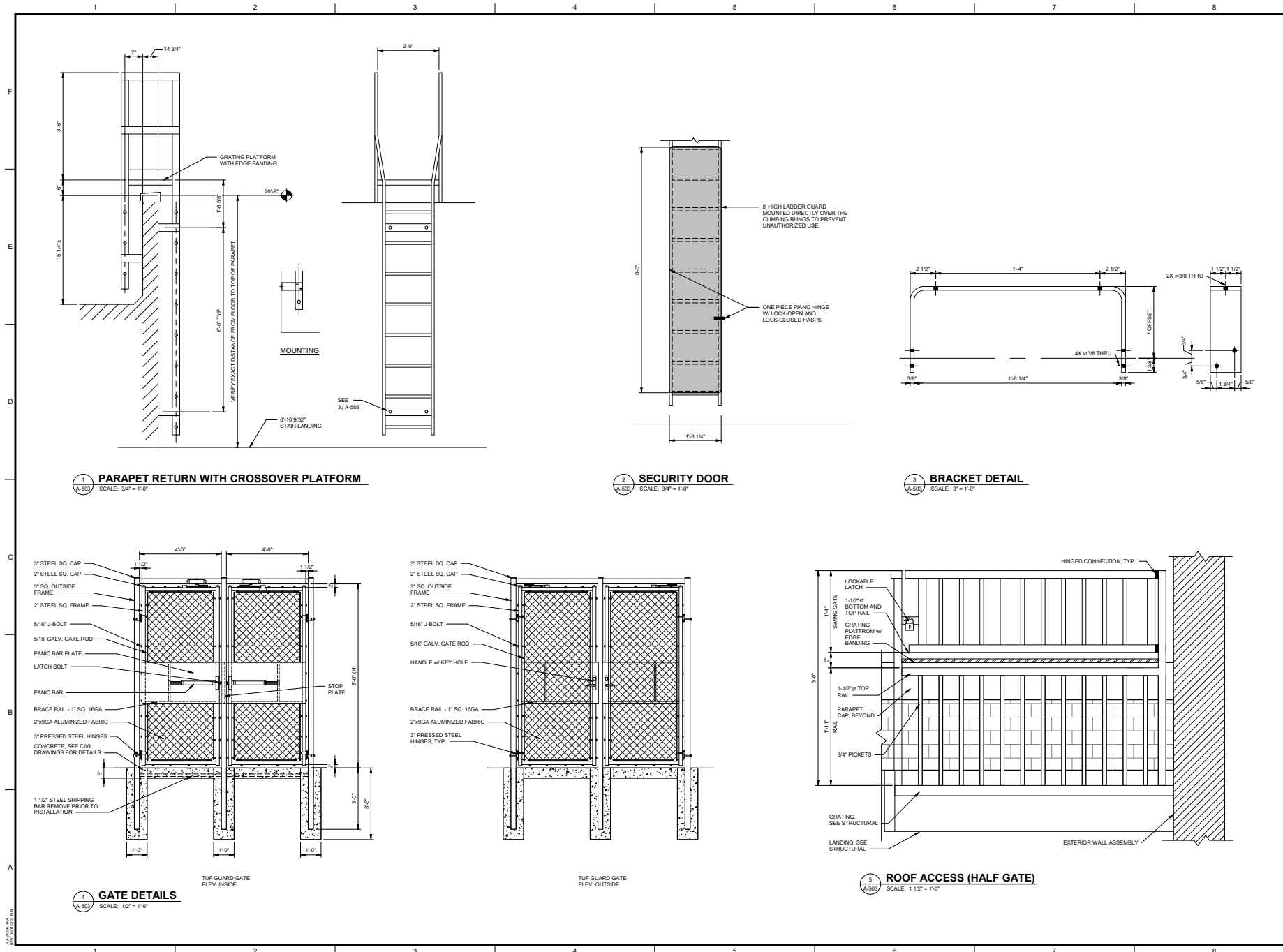
**BUILDING SECTIONS**

SCALE: AS NOTED  
DRAWING NO: **A-501**  
REV: 0









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**PROJECT NAME**  
**HENRY BRIGHAM COMMUNITY  
CENTER**  
**PROJECT LOCATION**  
2483 GOLDEN CAMP RD C, AUGUSTA, GA 30908



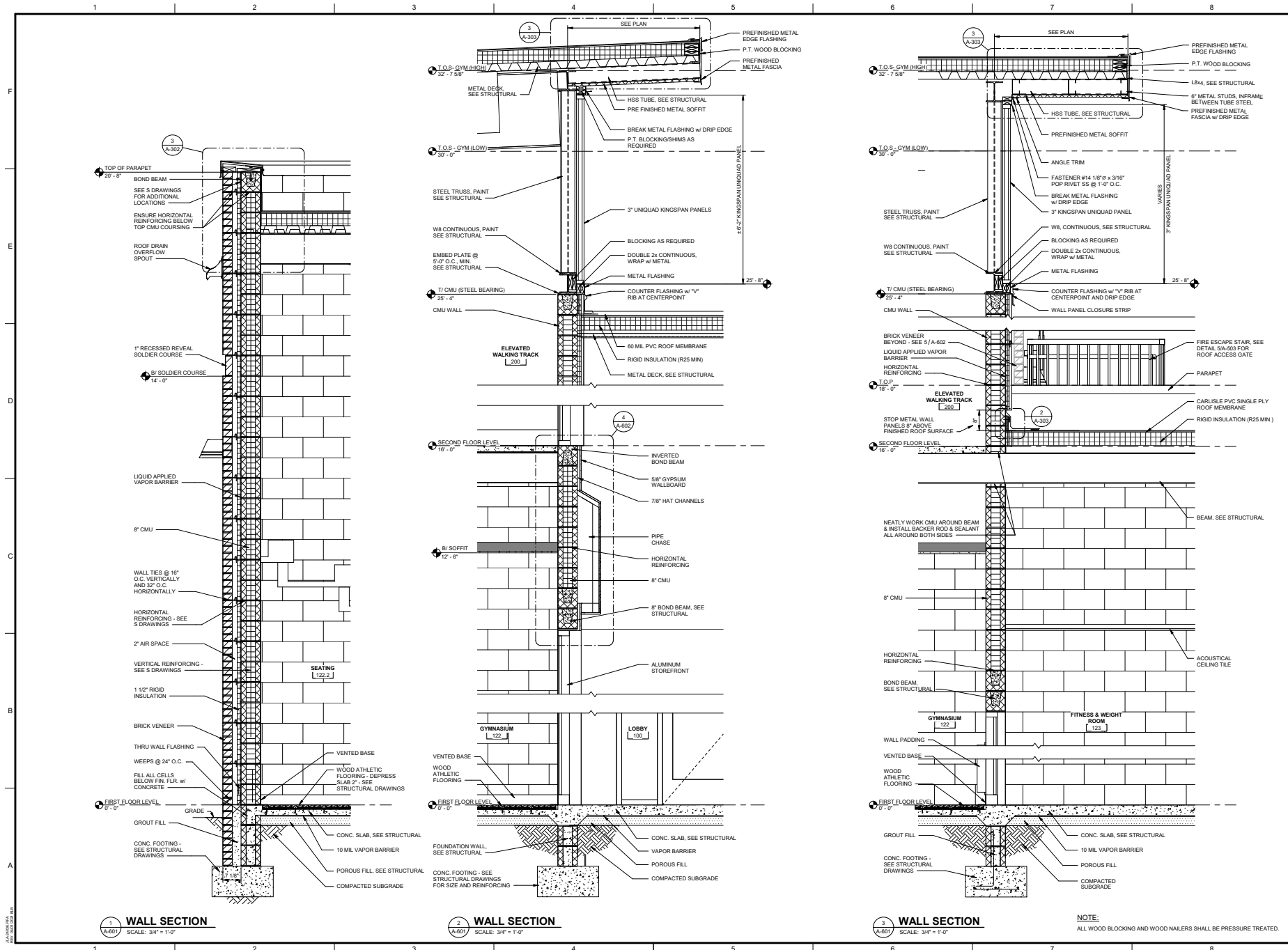
REV	DATE	BY	DESCRIPTION

PROJECT NO. 3042.2005  
DRAWN BY: CTH  
CHECKED BY: WLD  
DATE: 02/21/2022  
SHEET TITLE:  
**LADDER & GATE  
DETAILS**

SCALE AS NOTED  
DRAWING NO. **A-503**  
REV:  

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**HENRY BRIGHAM COMMUNITY CENTER**

PROJECT LOCATION: 2408 GOLDEN CAMP RD C, AUGUSTA, GA 30908

City of Augusta  
Water  
Department  
Seal

NO.	DATE	BY	DESCRIPTION
0	02/21/2022	WLD	ISSUED FOR BID

PROJECT NO: 3042.005  
DRAWN BY: CBW/CTH  
CHECKED BY: WLD  
DATE: 02/21/2022

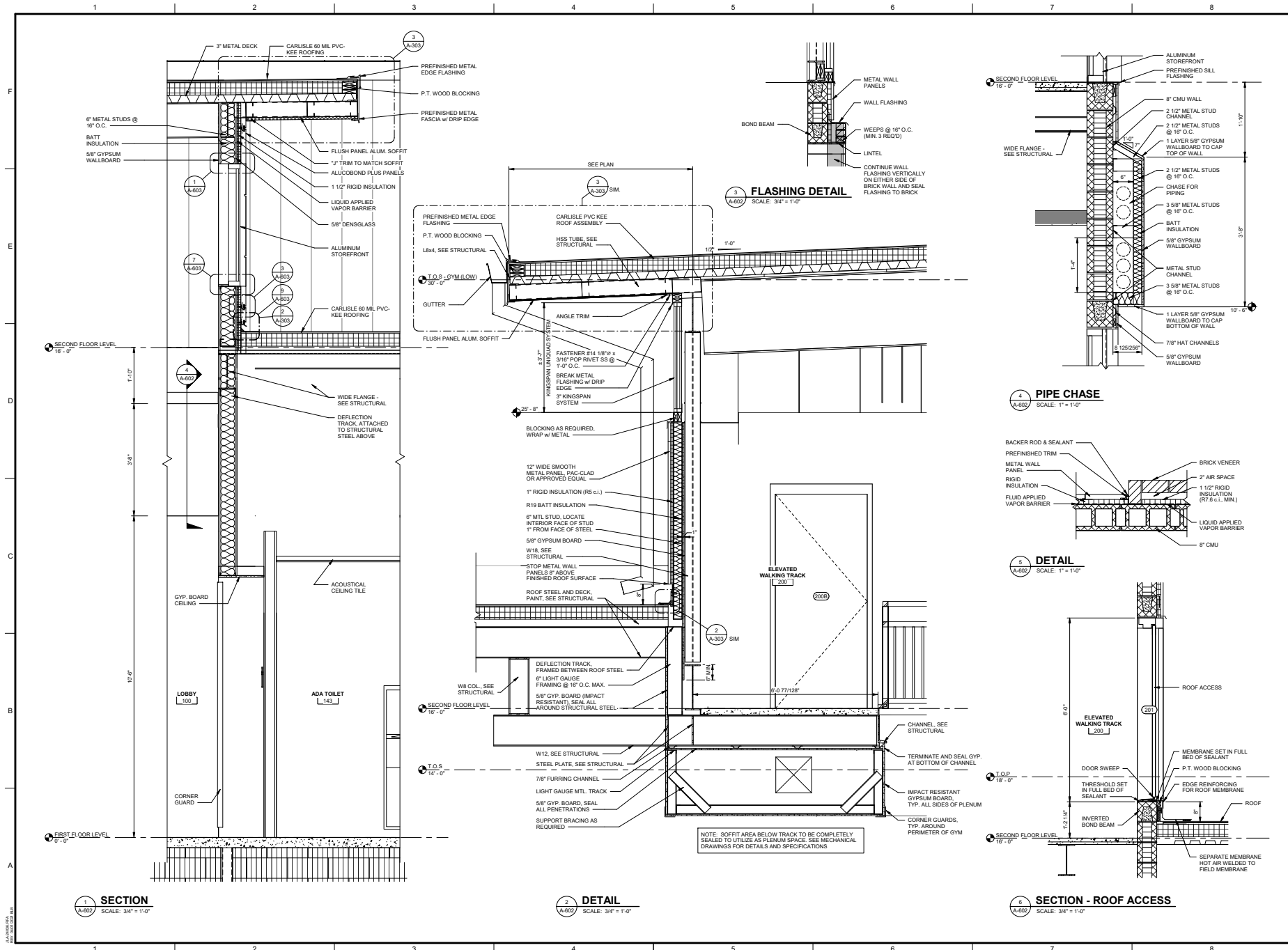
SHEET TITLE:  
**WALL SECTIONS**

SCALE: AS NOTED  
DRAWING NO: **A-601**  
REV: **0**

NOTE:  
ALL WOOD BLOCKING AND WOOD NAILERS SHALL BE PRESSURE TREATED.

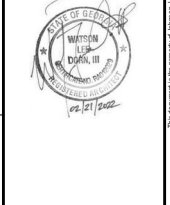
ALABAMA  
2022/02/23 2:45 PM





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535 TELFAIR STREET, AUGUSTA, GA 30901  
**PROJECT NAME**  
**HENRY BRIGHAM COMMUNITY CENTER**  
**PROJECT LOCATION**  
2483 GOLDEN CAMP RD C, AUGUSTA, GA 30908



NO.	DATE	ISSUED FOR	BY	DESCRIPTION
0	02/21/22	WLD	CTH/CBW	WALL SECTIONS

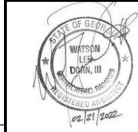
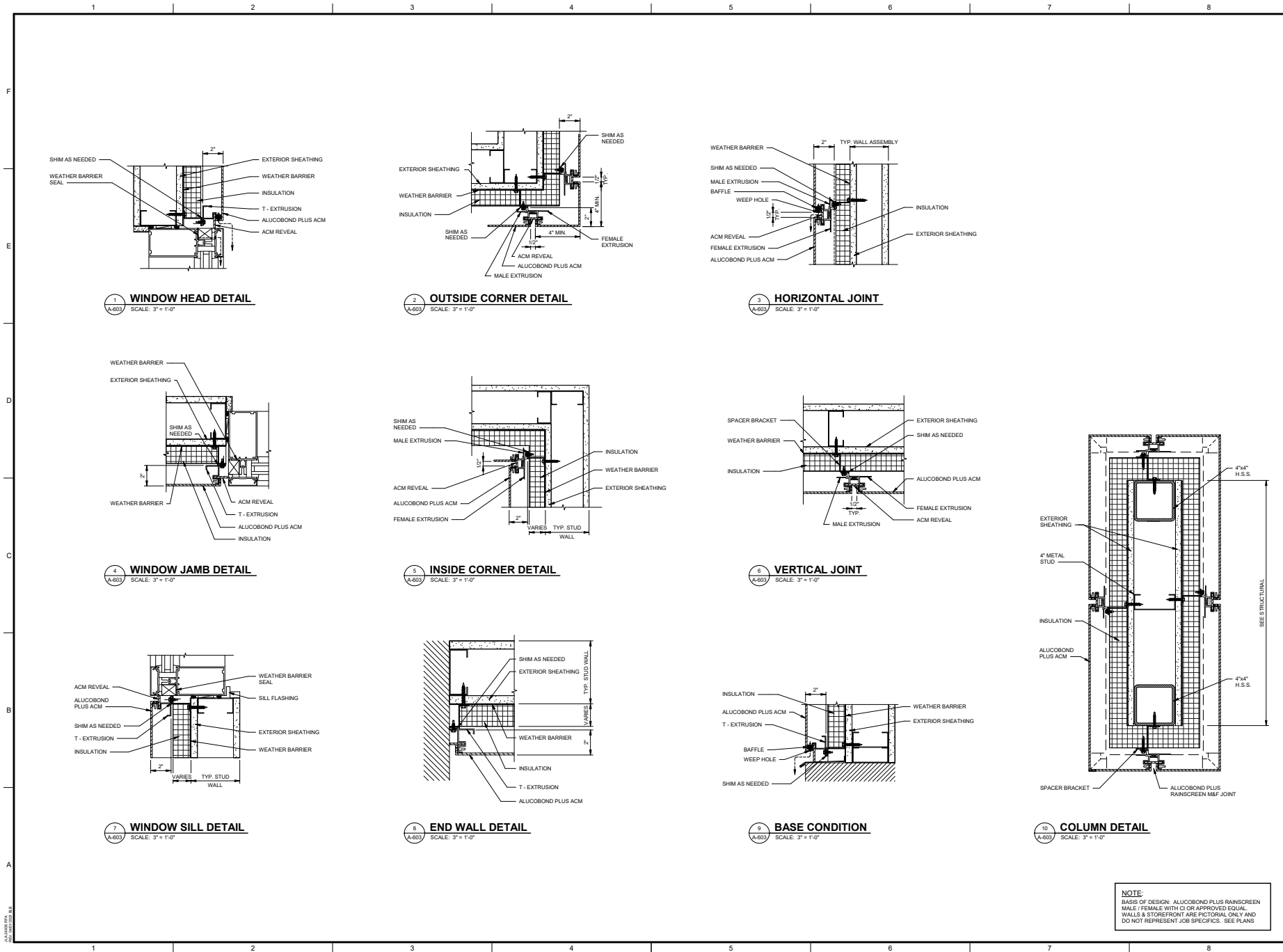
PROJECT NO: 3042.2005  
DRAWN BY: CTH/CBW  
CHECKED BY: WLD  
DATE: 02/21/2022  
SHEET TITLE: **WALL SECTIONS**

SCALE: AS NOTED  
DRAWING NO: **A-602**  
REV: **0**

AL-3000-010  
REV 02/21/2022

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22/02/2022 3:25:57 PM





REV	DATE	BY	DESCRIPTION
0	02/21/2022	WLD	ISSUED FOR BID

PROJECT NO: 3042.2005  
DRAWN BY: CTH  
CHECKED BY: WLD  
DATE: 02/21/2022  
SHEET TITLE:  
**WALL DETAILS  
(ACM PANELS)**

SCALE: AS NOTED  
DRAWING NO: **A-603**  
REV: 0





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**HENRY BRIGHAM COMMUNITY  
CENTER**

PROJECT LOCATION:  
2463 GOLDEN CAMP RD C. AUGUSTA, GA 30908



REV	DATE	BY
1	00/04/2006	Archie/Koch/Kretsch

[illegible]

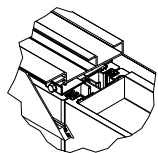
PROJECT NO.	3042 2005
DRAWN BY:	CBW/CTH
CHECKED BY:	WLD
DATE:	02/21/2022

SHEET TITLE:

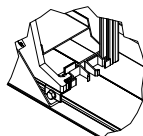
**WALL DETAILS  
(UNIQUAD PANELS)**

SCALE	AS NOTED
-------	----------

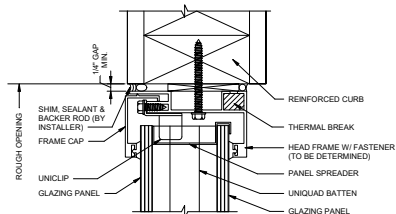
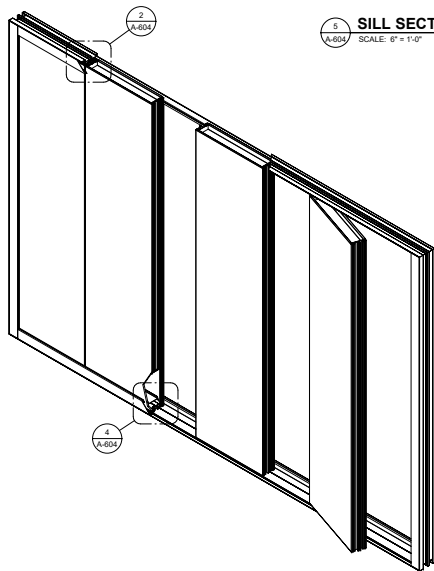
DRAWING NO. **A-604**



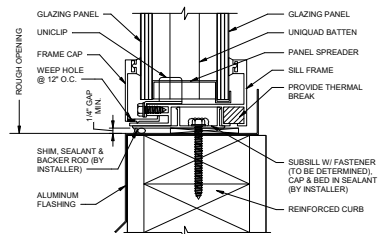
2 UNICLIP CONNECTION @ HEAD  
A-604 NO SCALE



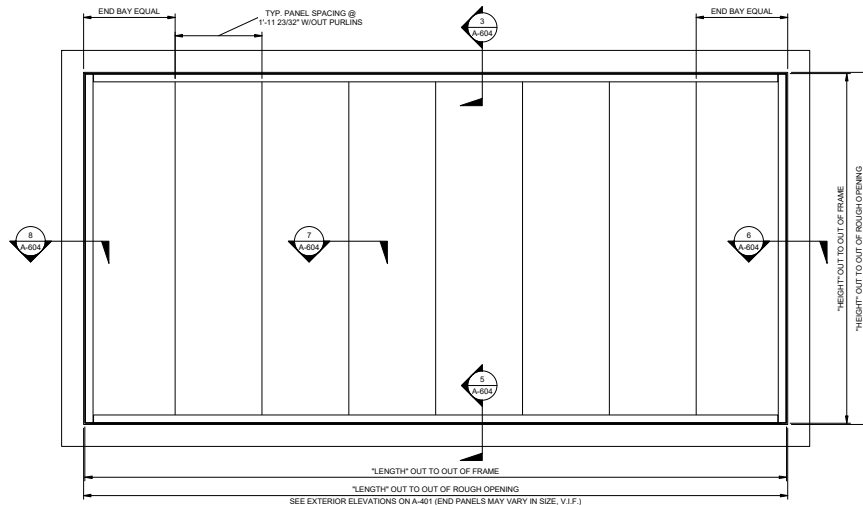
4 UNICLIP CONNECTION @ HEAD  
A-604 NO SCALE



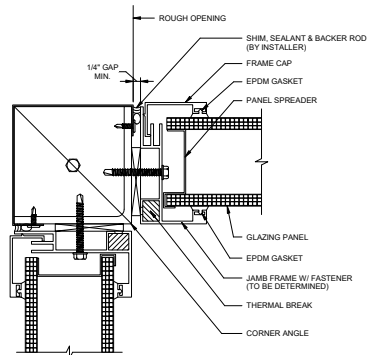
3 HEAD SECTION - 3"  
A-604 SCALE: 6" = 1'-0"



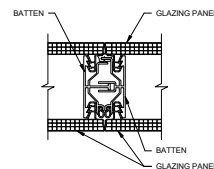
**SILL SECTION - 3"**  
SCALE: 6" = 1'-0"



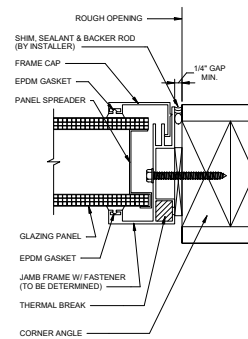
**ELEVATION (FLUSH)**



6 CORNER SECTION - 3"  
A-604 SCALE: 6" = 1'-0"



**BATTEN SECTION - 3"**  
SCALE: 6" = 1'-0"



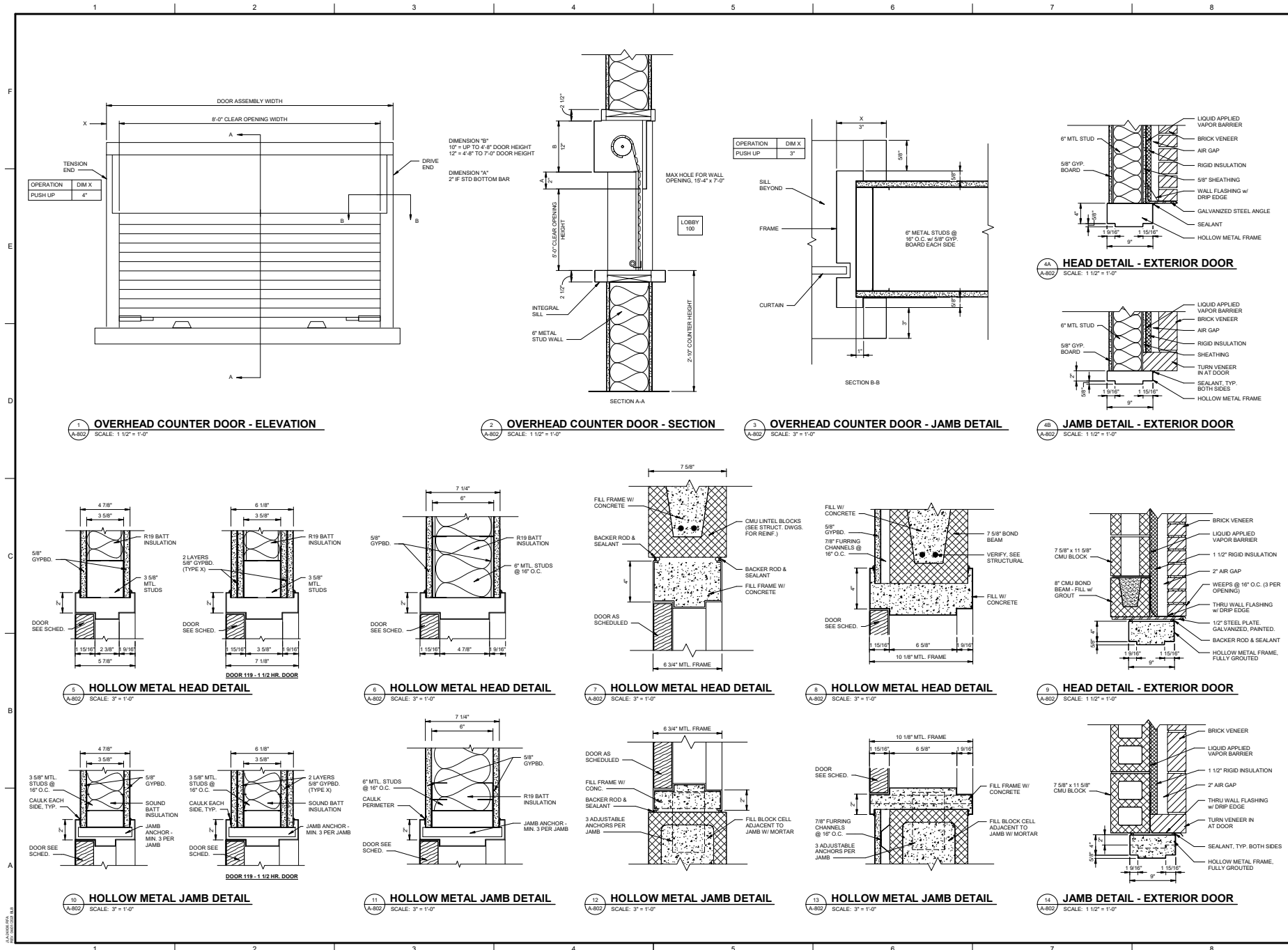
8 JAMB SECTION - 3"  
A-604 SCALE: 6" = 1'-0"

**NOTE:**  
BASIS OF DESIGN: KINGSPAN UNIQUAD  
TRANSLUCENT WALL PANELS OR  
APPROVED EQUAL









NO.	DATE	REVISION	DESCRIPTION
0	02/21/22	WLD ISSUED FOR BID	
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			

PROJECT NO. 3042.005  
DRAWN BY: CTH  
CHECKED BY: WLD  
DATE: 02/21/2022  
SHEET TITLE:  
**DOOR & WINDOW DETAILS**



1 2 3 4 5 6 7 8

F

E

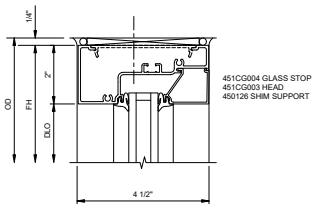
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C

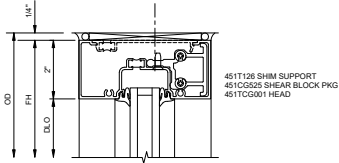
B

A

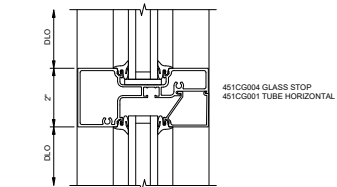
DETAIL 1  
HEAD



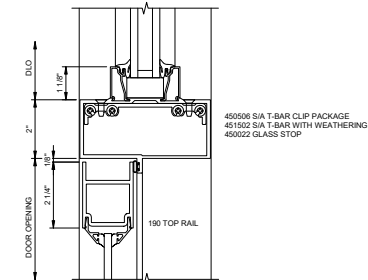
ENTRANCE DETAIL 6  
TRANSOM HEAD



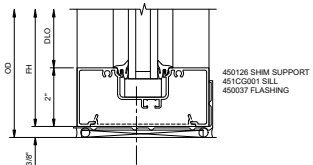
DETAIL 2  
HORIZONTAL



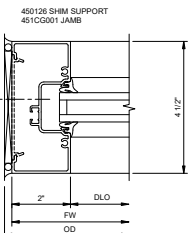
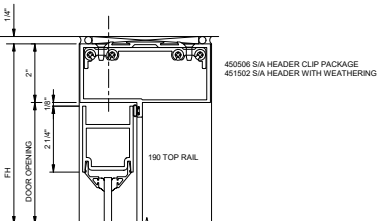
ENTRANCE DETAIL 7  
TRANSOM BAR  
SINGLE ACTING  
FOR SURFACE CLOSER



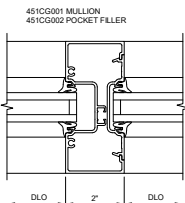
DETAIL 3  
SILL



ENTRANCE DETAIL 7A  
HEADER  
SINGLE ACTING  
FOR SURFACE CLOSER

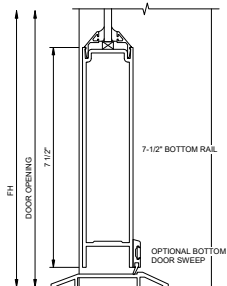


DETAIL 4  
JAMB

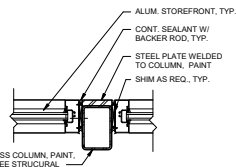
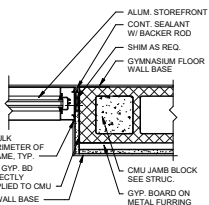


DETAIL 5  
STANDARD  
VERTICAL MULLION

ENTRANCE DETAIL 8  
STD. BOTTOM RAIL  
SINGLE ACTING

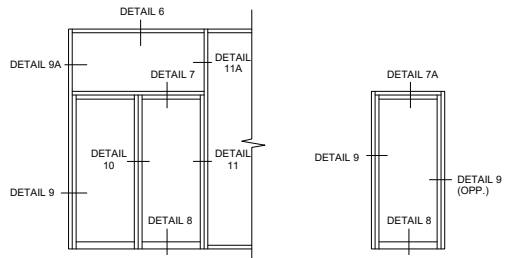


**STOREFRONT DETAILS**  
SCALE: 6" = 1'-0"

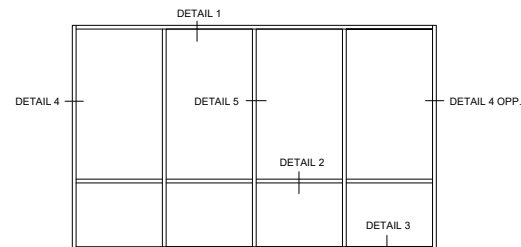


PLAN DETAIL w/ COLUMN  
SCALE: 1 1/2" = 1'-0"

**STOREFRONT ENTRANCE DETAILS**  
SCALE: 6" = 1'-0"

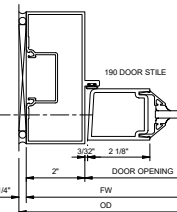


TYPICAL STOREFRONT ENTRANCE ELEVATIONS



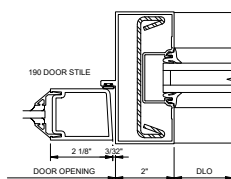
TYPICAL ELEVATION

451501 SIA DOOR JAMB WITH WEATHERING

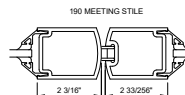


ENTRANCE DETAIL 9  
DOOR JAMB  
SINGLE ACTING

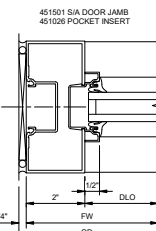
451501 SIA DOOR JAMB WITH WEATHERING  
450110 STEEL REINFORCING (AS REQUIRED)



ENTRANCE DETAIL 11  
DOOR JAMB  
SINGLE ACTING  
WITH SIDELITE



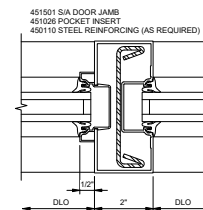
ENTRANCE DETAIL 10  
MEETING STILES



ENTRANCE DETAIL 9A  
DOOR JAMB  
AT TRANSOM AREA

KAWNEER TRIFAB VG 451 (NON-THERMAL) FRAMING SYSTEM  
SCREW SPLINE ASSEMBLY (1" INFILL FOR EXTERIOR AND 1/4"  
INFILL FOR INTERIOR) CENTER SET TYPICAL FRAMING DETAILS  
INSIDE GLAZING OR APPROVED EQUAL. INSTALL PER  
MANUFACTURERS SPECIFICATIONS. PROVIDE TEMPERED  
GLAZING WHERE REQUIRED BY CODE.

KAWNEER TRIFAB 451T (THERMAL) FRAMING SYSTEM CENTER  
SET - ENTRANCE DETAILS  
OFFSET PIVOT/BUTT HUNG WITH SURFACE CLOSER  
1" INFILL FOR EXTERIOR AND 1/4" INFILL FOR INTERIOR (NON-  
THERMAL) OR APPROVED EQUAL. INSTALL PER  
MANUFACTURERS SPECIFICATIONS. PROVIDE TEMPERED  
GLAZING WHERE REQUIRED BY CODE.



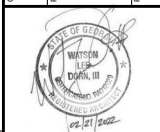
ENTRANCE DETAIL 11A  
DOOR JAMB  
AT TRANSOM AREA



AUGUSTA GA BOARD OF COMMISSIONERS  
535 TELFAIR STREET, AUGUSTA, GA 30901

PROJECT NAME  
HENRY BRIGHAM COMMUNITY CENTER

PROJECT LOCATION  
2468 GOLDEN CAMP RD C. AUGUSTA, GA 30908



REV	DATE	BY	DESCRIPTION
0	02/21/2022	WLD	ISSUED FOR BID

PROJECT NO. 3042.0005  
DRAWN BY: CTH  
CHECKED BY: WLD  
DATE: 02/21/2022

SHEET TITLE:

ALUMINUM  
STOREFRONT  
DETAILS

SCALE AS NOTED

DRAWING NO.

A-803

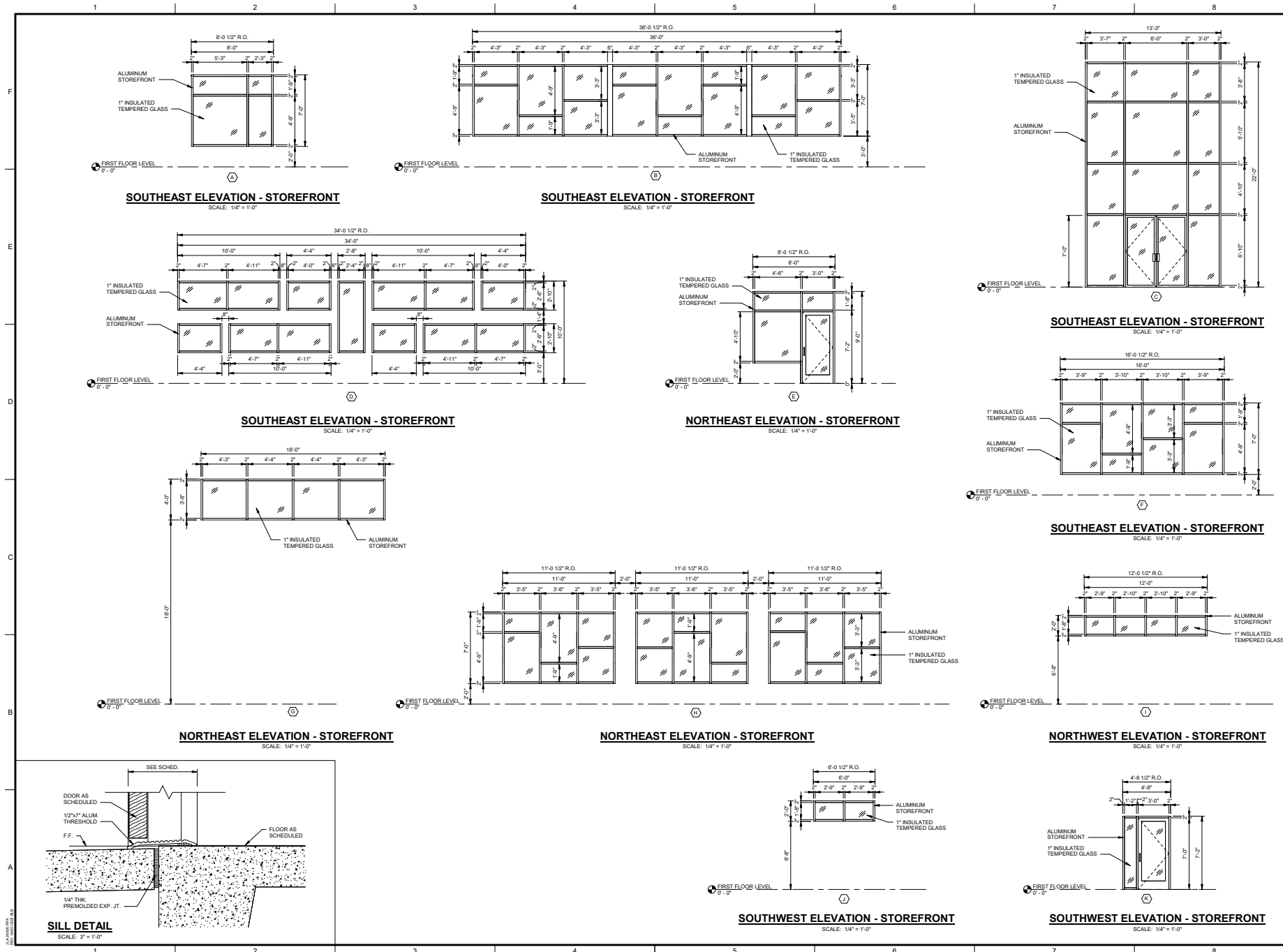
REV:

0

ALUMINUM  
STOREFRONT  
DETAILS

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**PROJECT LOCATION**  
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---



CITY OF AUGUSTA  
WATER  
LUM  
DRAIN  
SEWER  
STREET  
PUBLIC WORKS  
DEPARTMENT  
OFFICE OF THE CITY ENGINEER  
2021

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NO.	DATE	BY	DESCRIPTION
0	02/21/2022	WLD	ISSUED FOR BID

---

PROJECT NO. 3042.0005

DRAWN BY: CTH

CHECKED BY: WLD

DATE: 02/21/2022

SHEET TITLE:  
**EXTERIOR STOREFRONT ELEVATIONS**

SCALE: AS NOTED

DRAWING NO. **A-804**

REV: **0**

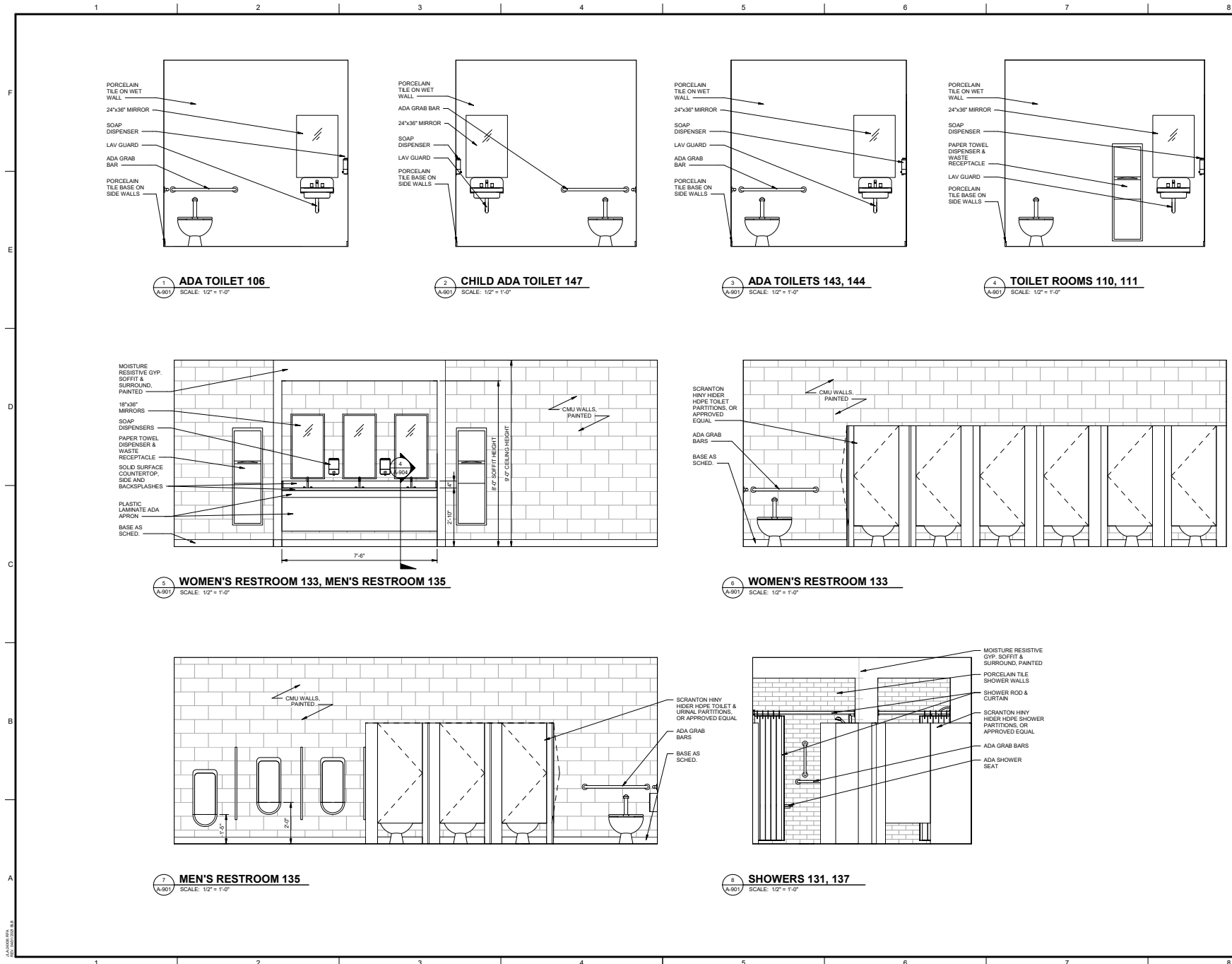
AUGUSTA, GA  
2021/02/21 2:55 PM

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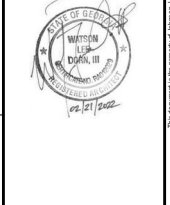






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**PROJECT NAME**  
**HENRY BRIGHAM COMMUNITY CENTER**  
**PROJECT LOCATION**  
2485 GOLDEN CAMP RD C, AUGUSTA, GA 30908



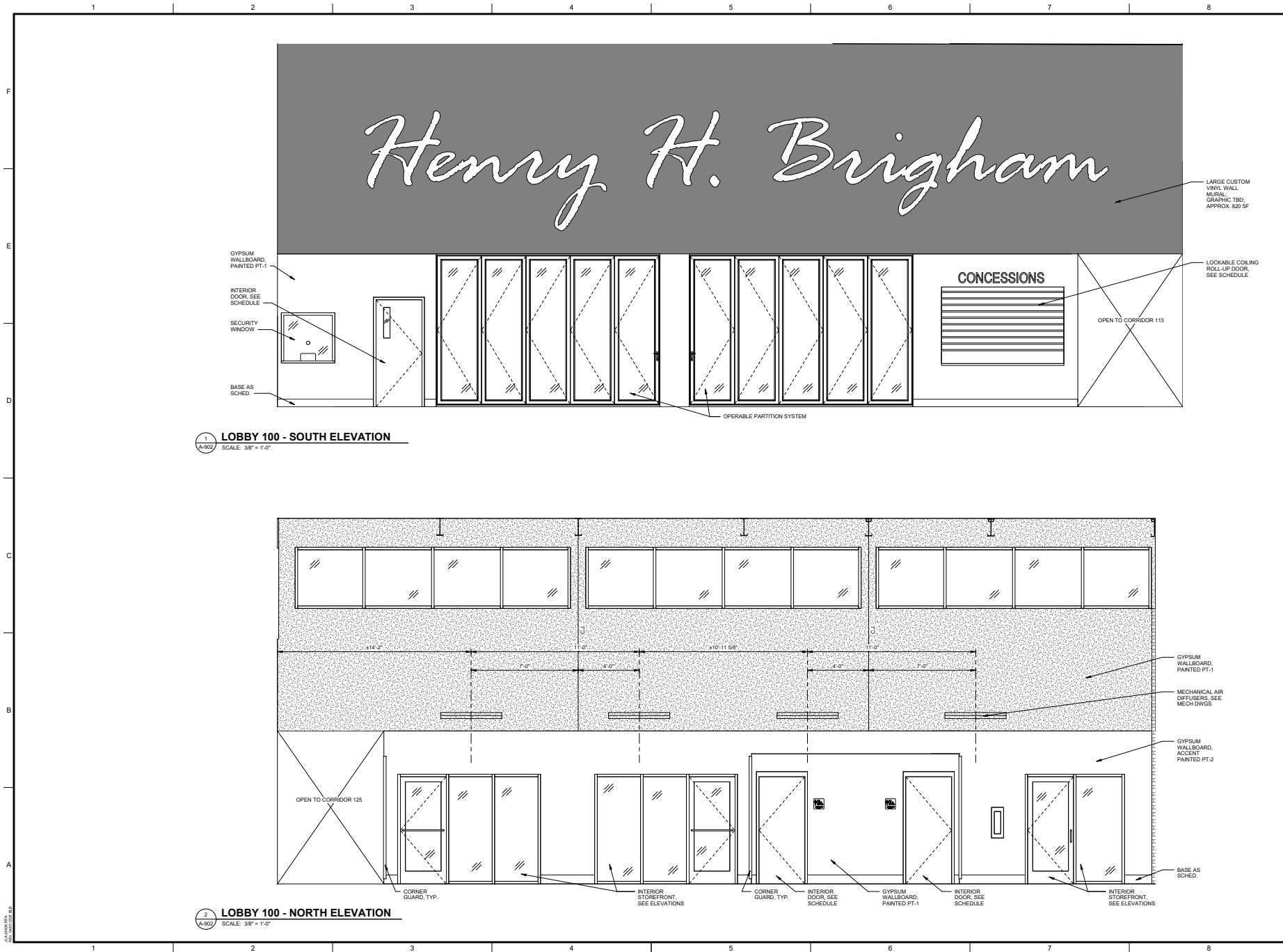
REV	DATE	BY	DESCRIPTION
0	02/21/2022	WLD	ISSUED FOR BID

PROJECT NO. 3042.2005  
DRAWN BY: JPT  
CHECKED BY: WLD  
DATE: 02/21/2022

SHEET TITLE:  
**INTERIOR ELEVATIONS - TOILET ROOMS**

SCALE: AS NOTED  
DRAWING NO. **A-901**  
REV: 0





REV	DATE	BY	DESCRIPTION
0	02/21/2022	WLD	ISSUED FOR BID

PROJECT NO: 3042.2005  
DRAWN BY: JPT  
CHECKED BY: WLD  
DATE: 02/21/2022

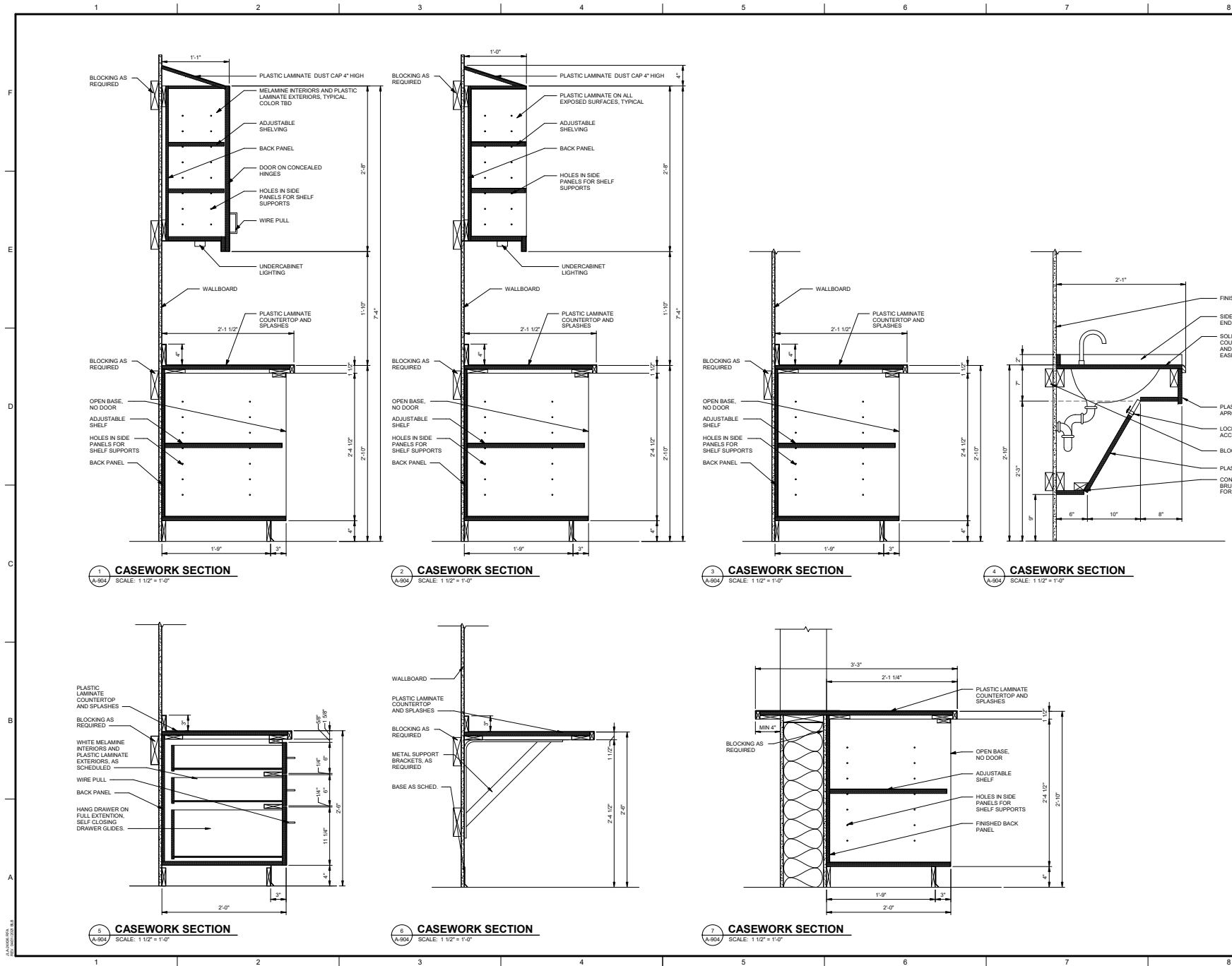
SHEET TITLE:  
**INTERIOR ELEVATIONS**

SCALE: AS NOTED  
DRAWING NO: **A-902**  
REV: **0**









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PROJECT LOCATION  
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REV	DATE	DESCRIPTION
0	02/21/2022	WLD ISSUED FOR BID
1	02/21/2022	JPT

PROJECT NO: 3042.2005  
DRAWN BY: JPT  
CHECKED BY: WLD  
DATE: 02/21/2022

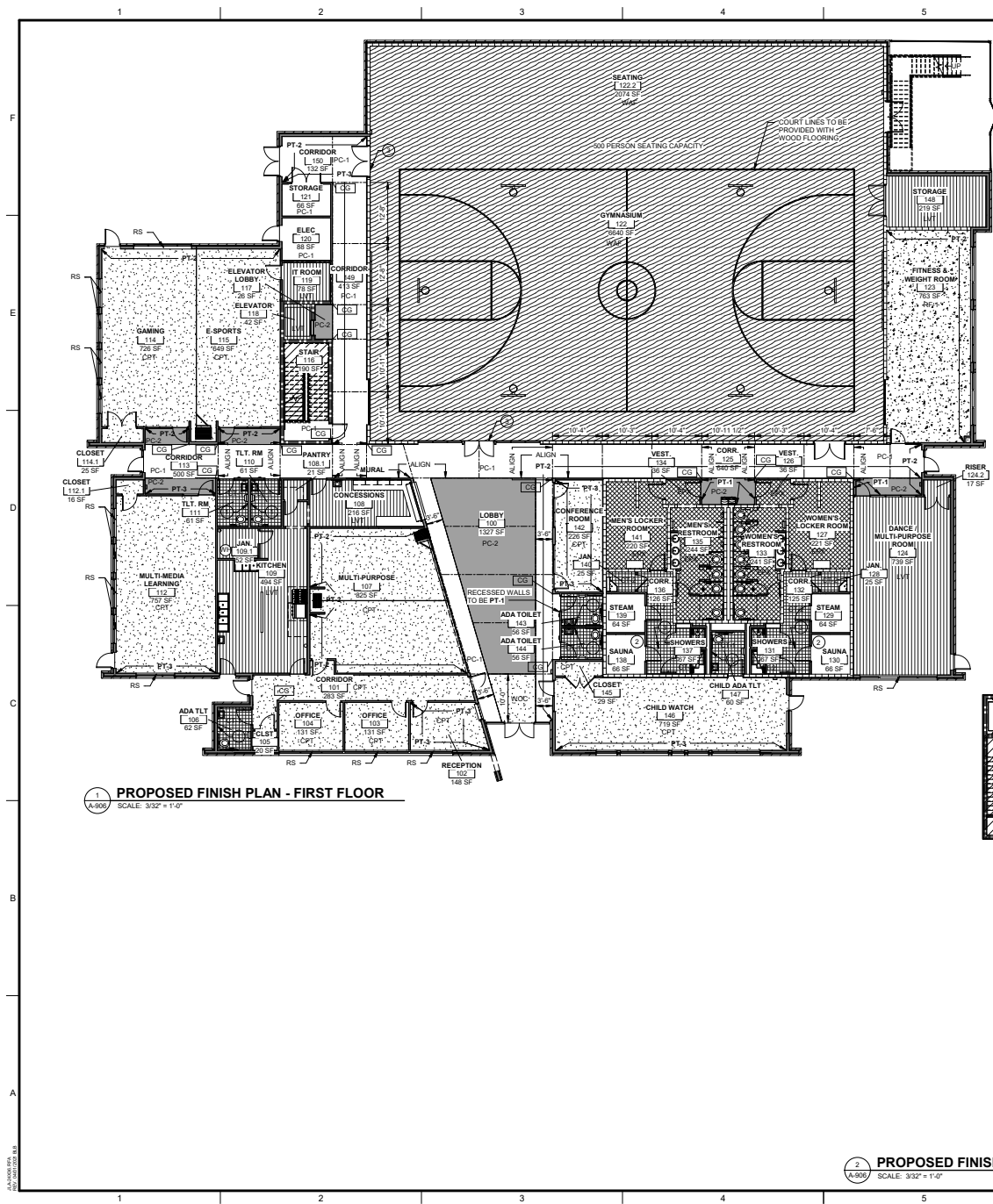
SHEET TITLE:  
**CASEWORK  
DETAILS**

SCALE: AS NOTED  
DRAWING NO: **A-904**  
REV: **0**

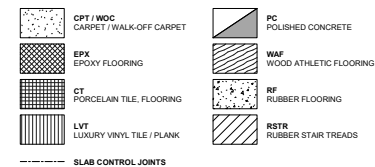






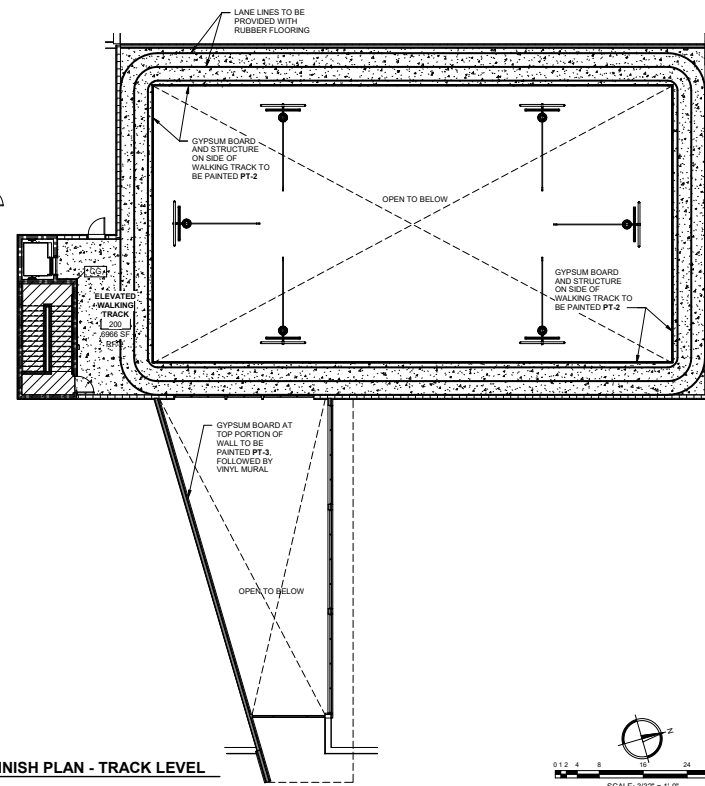


# FLOORING LEGEND



# KEY NOTES

- 1 PROVIDE PORCELAIN TILE FROM FLOOR TO CEILING ON WET WALL OF EACH SINGLE RESTROOM ONLY.
- 2 SEAL / WATERPROOF CONCRETE IN SAUNAS UNDER CEDAR DUCKBOARD.
- 3 SEE STRUCTURAL DRAWINGS FOR DERESSED SLAB LOCATIONS.



2 PROPOSED FINISH PLAN - TRACK LEVEL  
SCALE: 3/32" = 1'-0"

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PROJECT LOCATION  
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PROJECT NAME  
HENRY BRIGHAM COMMUNITY CENTER

NO.	DATE	BY	DESCRIPTION
0	02/21/22	W/LD	WALKING TRACK TO BE PAINTED PT-2

PROJECT NO: 3042 2005  
DRAWN BY: JPT  
CHECKED BY: W/LD  
DATE: 02/21/2022

SHEET TITLE:  
**INTERIOR ROOM FINISH PLANS**

SCALE: AS NOTED

DRAWING NO: **A-906**

REV: 0

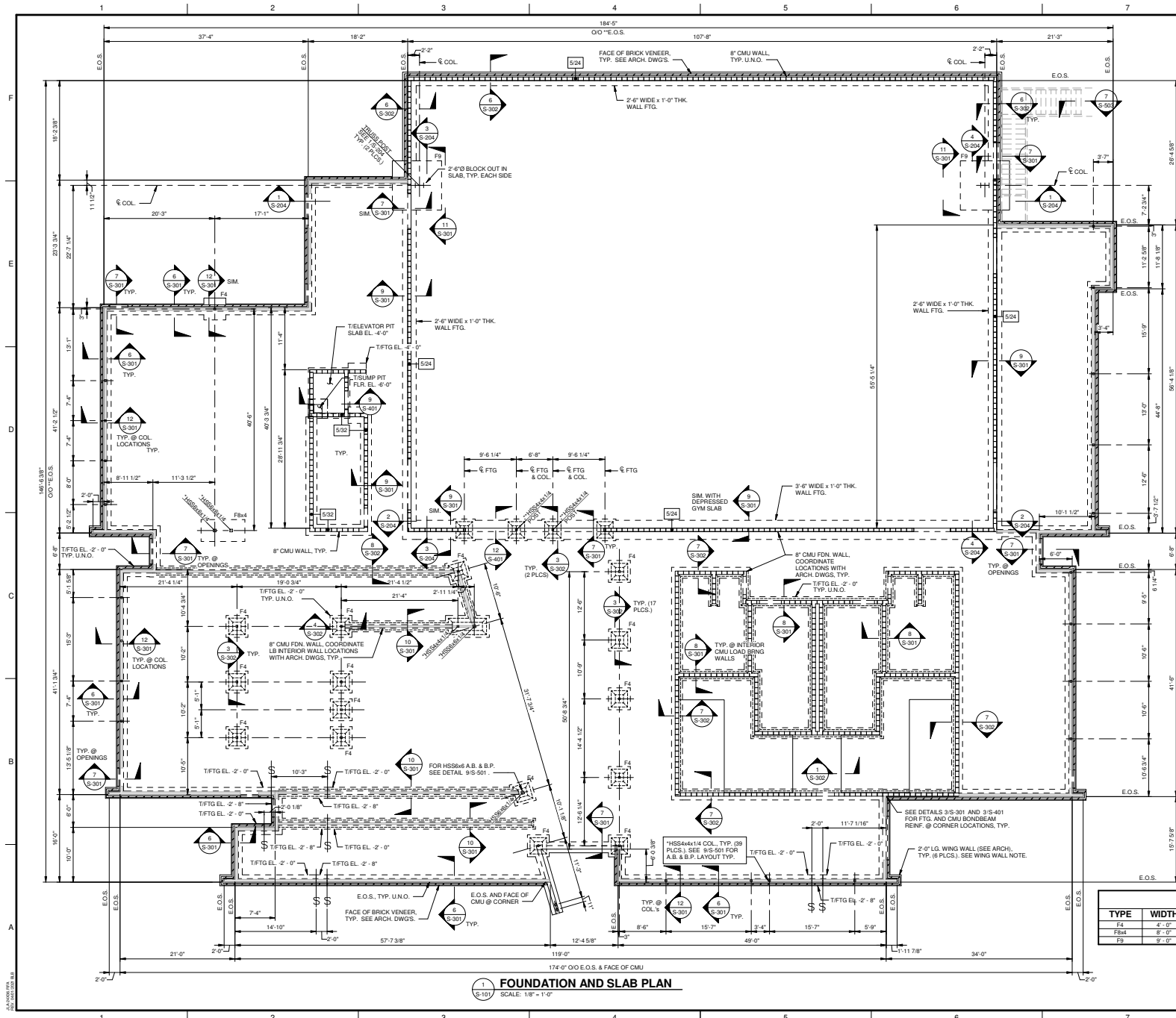












WING WALL NOTE:  
FILL SPACE BETWEEN WING WALL BRICK w/ GROUT.  
A 4\"/>

**LEGEND:**


- E.O.S. - EDGE OF SLAB & FACE OF CMU FDN. WALL
- \*HSS - HSS TO BE CENTERED ON METAL STUD WALL FRAMING. SEE ARCH. DWGS. SEE 9-S-501 FOR A.B. & S.P. LAYOUT
- FOOTING STEP (SEE DET. 4/S-301)
- DENOTES CMU WALL REINFORCING IN FULL GROUTED CELL AND MATCHING FOUNDATION DOWELSPACING (INCHES)
- TYP. U.N.O. - TYPICAL UNLESS NOTED OTHERWISE
- REINFORCED CMU. SEE PLAN FOR NOMINAL WALL THICKNESS.
- LOAD BEARING METAL STUD WALLS

**FOOTING SCHEDULE**

TYPE	WIDTH	LENGTH	THICKNESS	REINFORCING
F4	4'-0"	4'-0"	1'-0"	4 - #5s E.W. BOT.
F8A	8'-0"	4'-0"	1'-0"	4 - #5s L.W. & 8 - #5s S.W.
F8	8'-0"	8'-0"	1'-0"	12 - #5s BOT. E.W.



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



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PROJECT LOCATION:  
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PROJECT NAME:  
HENRY BRIGHAM COMMUNITY CENTER

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REV	DATE	BY	DESCRIPTION
0	02/21/22	MM	ISSUED FOR BID

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PROJECT NO: 3042 2005  
DRAWN BY: THW / BLB  
CHECKED BY: CWW  
DATE: 02/21/2022

SHEET TITLE:  
**FOUNDATION AND SLAB PLAN**

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SCALE: AS NOTED

DRAWING NO: **S-101**

REV: 0

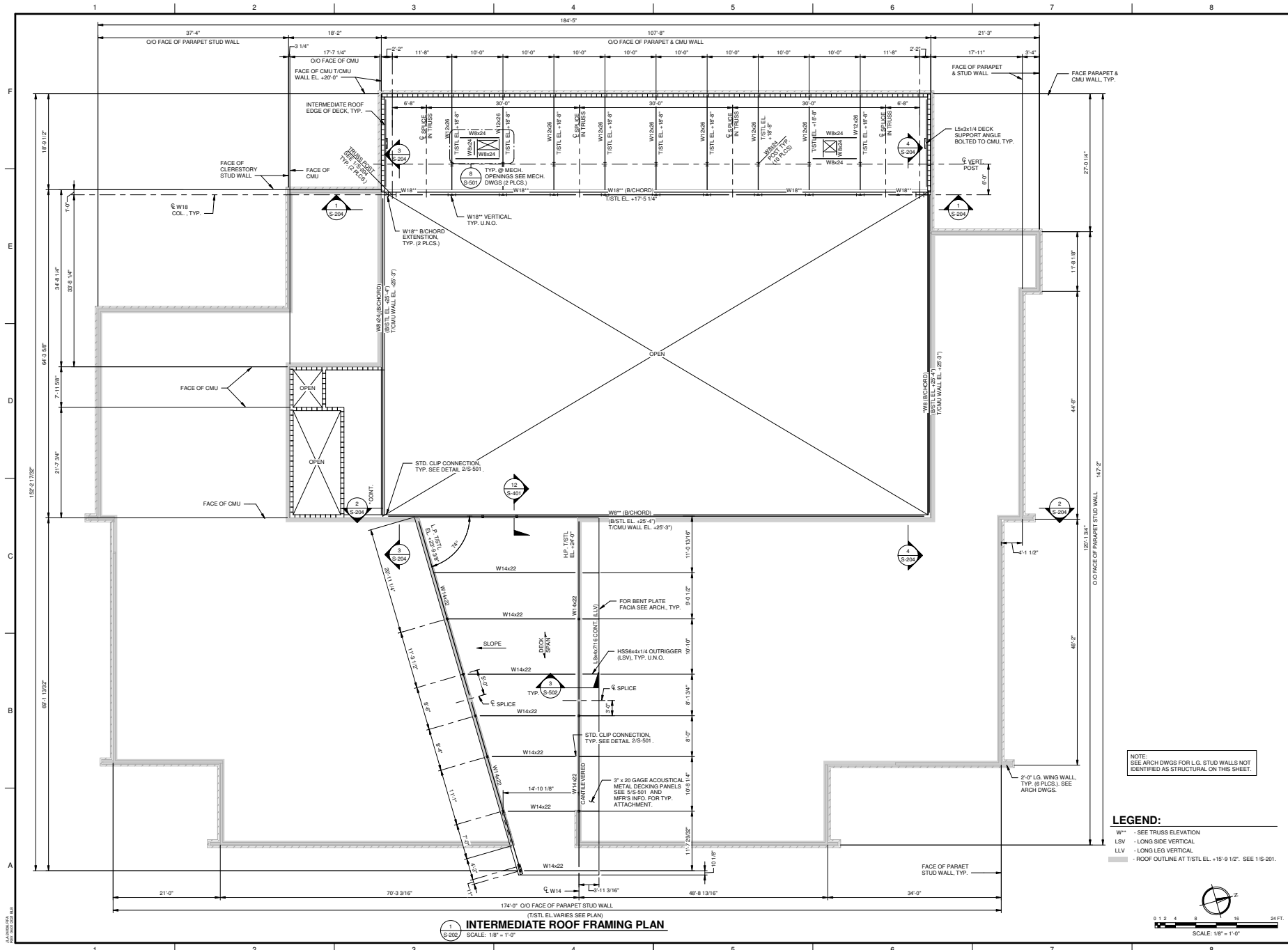












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**HENRY BRIGHAM COMMUNITY CENTER**

PROJECT LOCATION: 2468 GOLDEN CAMP RD C, AUGUSTA, GA 30906

PROJECT NAME: HENRY BRIGHAM COMMUNITY CENTER

PROJECT LOCATION: 2468 GOLDEN CAMP RD C, AUGUSTA, GA 30906

---

Mark W. Loran  
Professional Engineer  
No. 12573  
State of Georgia

---

REV	DATE	BY	ISSUED FOR	DESCRIPTION
0	02/21/22	MM	ISSUED FOR	

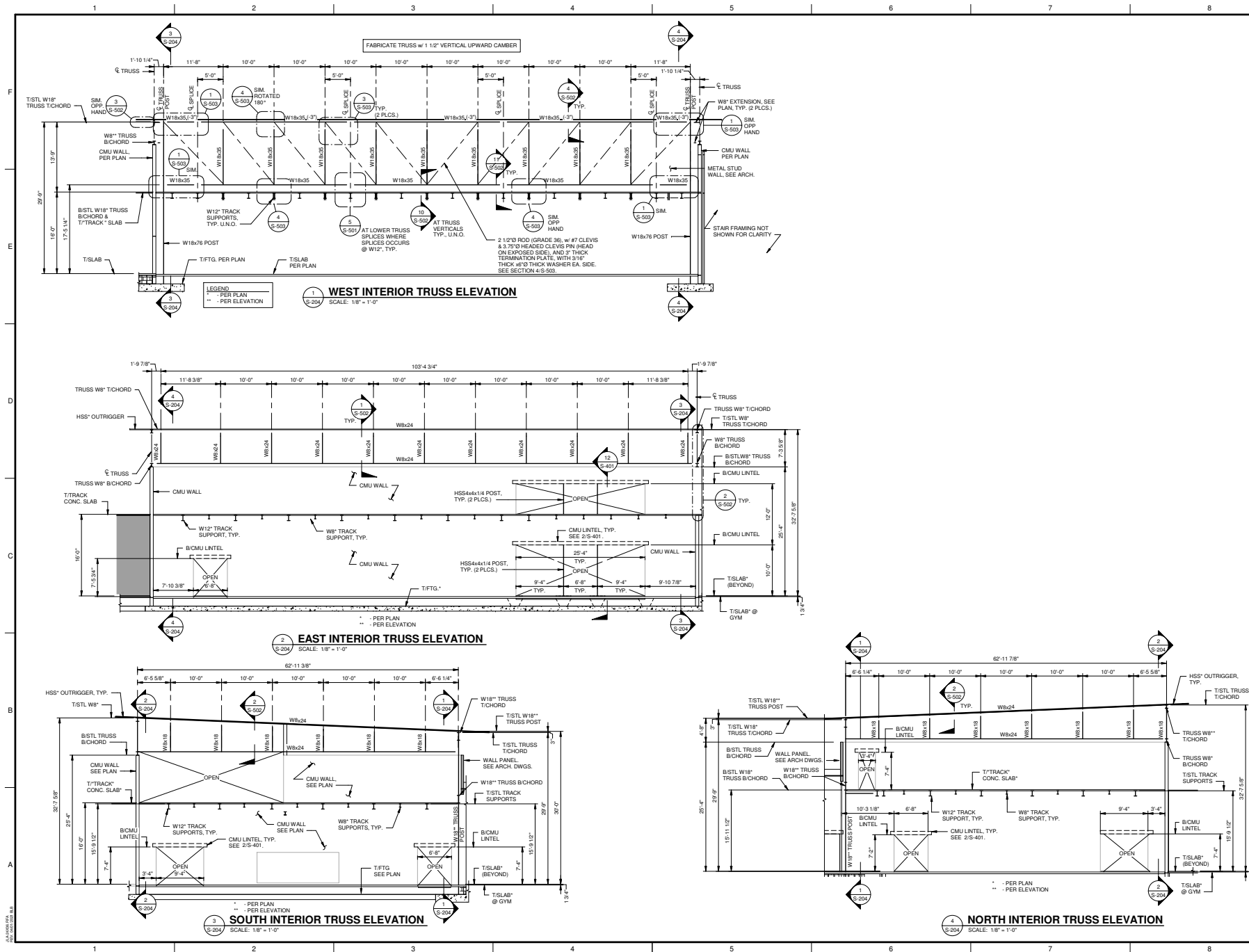
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PROJECT NO.	3042.2005	DRAWN BY:	THW
CHECKED BY:	CWW	DATE:	02/21/2022
SHEET TITLE:			
<b>INTERMEDIATE ROOF FRAMING PLAN</b>			
SCALE: AS NOTED		REV:	
DRAWING NO.		0	
<b>S-202</b>			









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**PROJECT NAME:**  
**HENRY BRIGHAM COMMUNITY CENTER**  
**PROJECT LOCATION:**  
2468 GOLDEN CAMP RD C, AUGUSTA, GA 30906

**REGISTERED PROFESSIONAL**  
MARK W. LORAN  
S-204-005

REV	DATE	BY	DESCRIPTION
0	02/21/2022	MMW	ISSUED FOR BID

**PROJECT NO:** 3042 2005  
**DRAWN BY:** THW  
**CHECKED BY:** CWW  
**DATE:** 02/21/2022  
**SHEET TITLE:**

**TRUSS ELEVATIONS**

**SCALE:** AS NOTED  
**DRAWING NO:**  
**S-204**  
**REV:** 0

2/22/2022 3:14 PM  
JL

2/22/2022 3:14 PM  
JL



(CONTROL JOINT)  
**SECTION**  
SCALE: 1 1/2" = 1'-0"

(EXPANSION JOINT)  
**SECTION**  
SCALE: 1 1/2" = 1'-0"

NOTE:  
CORNER REINFORCING TO MATCH SIZE  
AND SPACING OF FOOTING REINFORCING.

(TYP. FTG./GRD. BEAM CORNER REINFORCING)

**DETAIL**  
SCALE: 3/8" = 1'-0"

(FOOTING STEP)  
**DETAIL**  
SCALE: 3/4" = 1'-0"

**SECTION**  
SCALE: 1" = 1'-0"

(EXTERIOR WALL FTO  
**SECTION**  
SCALE: 1" = 1'-0"

(CONDITIONS AT DOOR OPENINGS)

**SECTION**

SCALE: 1" = 1'-0"

TERIOR CMU WALL.  
**SECTION**  
SCALE: 1" = 1'-0"

**SECTION**  
SCALE: 1" = 1'-0"

**SECTION**  
SCALE: 1" = 1'-0"

**SECTION**  
SCALE: 1" = 1'-0"

**SECTION**  
SCALE: 1" = 1'-0"

[illegible]

PROJECT NO.	3042.2005
DRAWN BY:	THW
CHECKED BY:	CWW
DATE:	02/21/2022

**SHEET TITLE:**

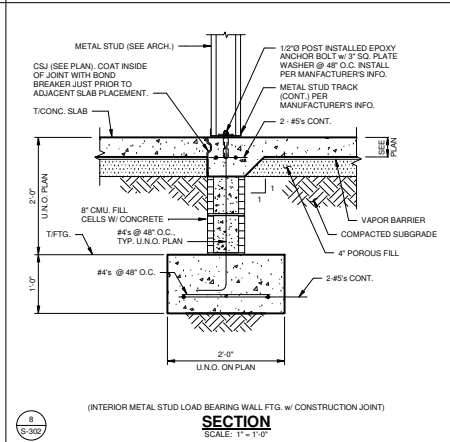
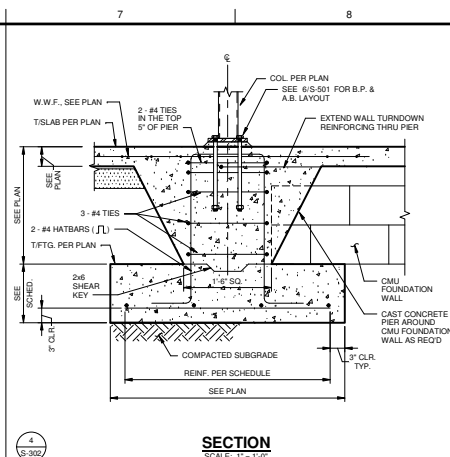
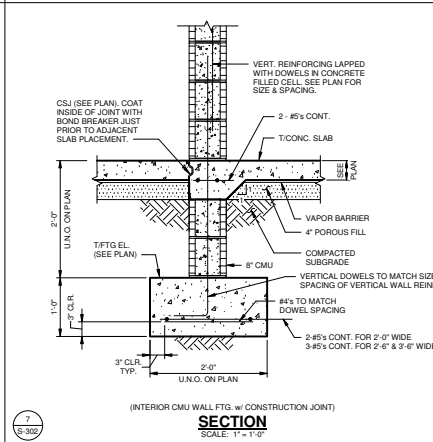
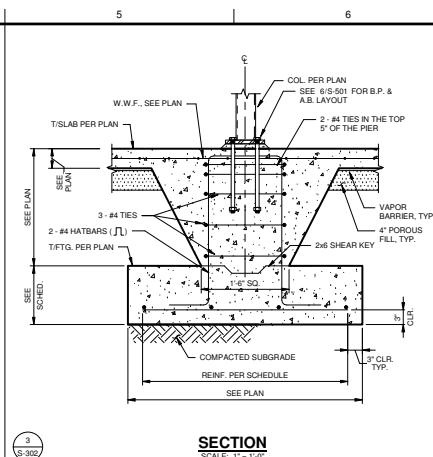
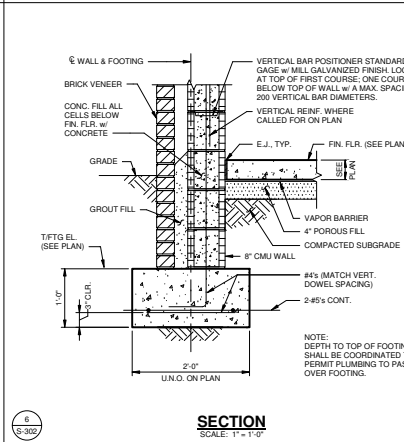
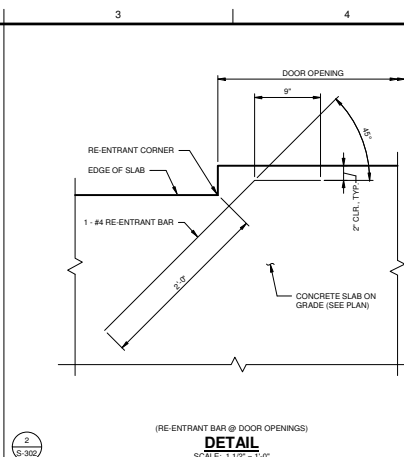
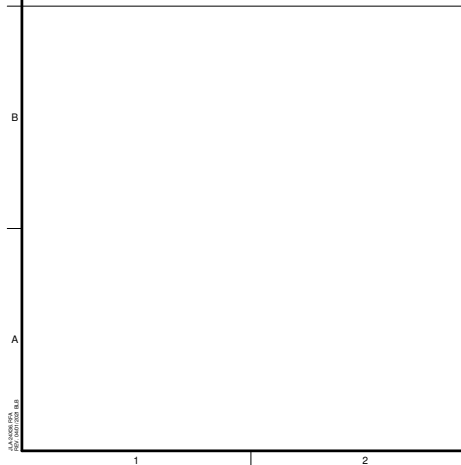
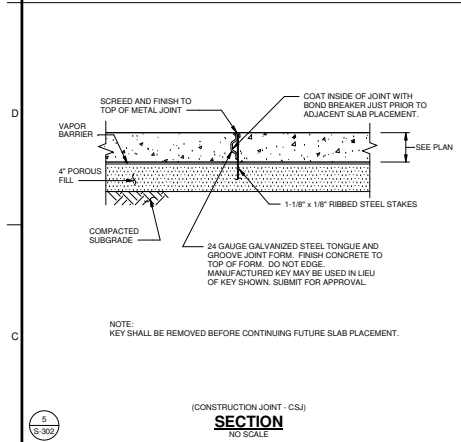
**CONCRETE  
SECTIONS AND  
DETAILS - SHEET 1  
OF 2**

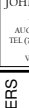

SCALE	AS NOTED
DRAWING NO.	REV.

DRAWING NO.	REV.
<b>S-301</b>	<b>0</b>

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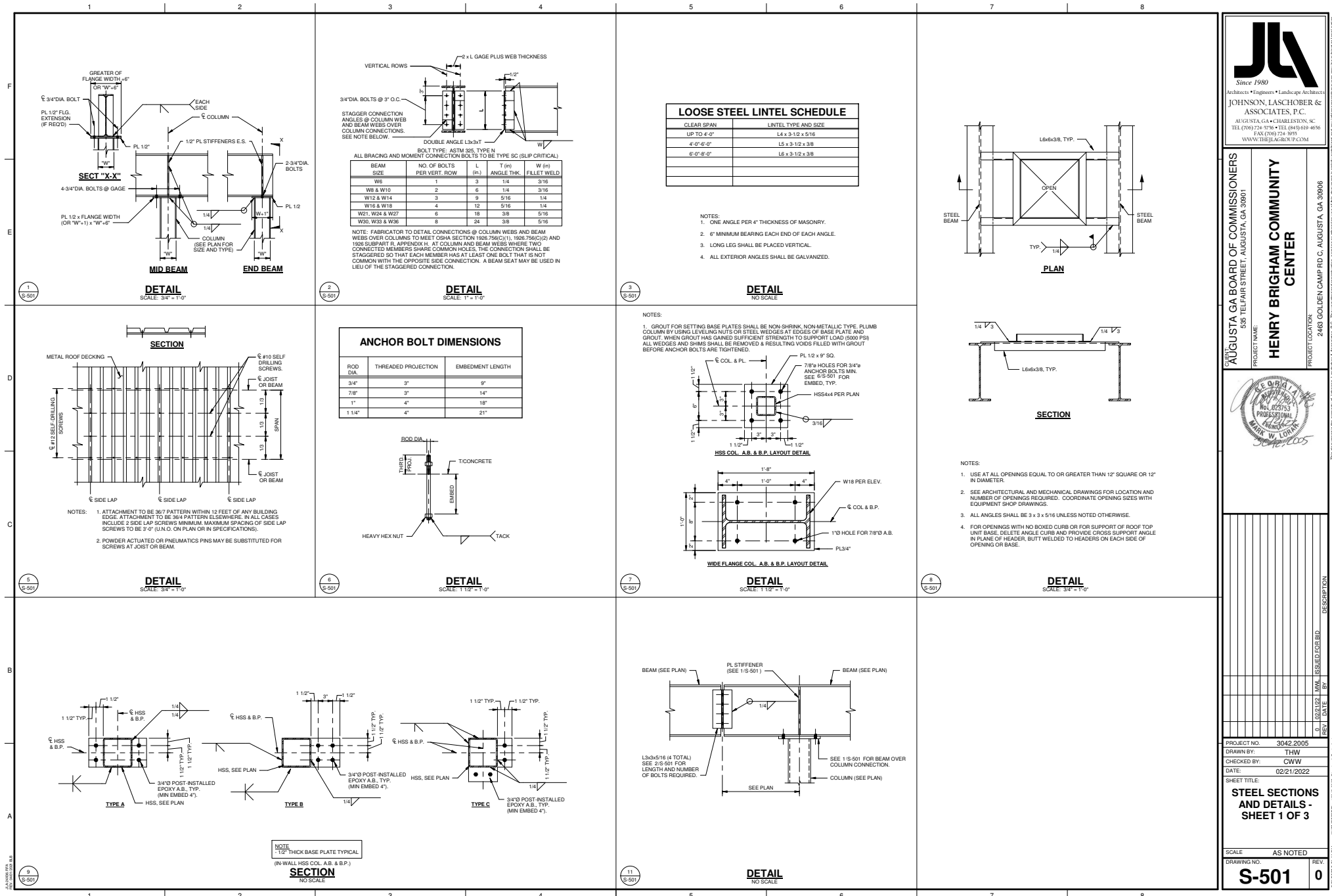


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<p>PROJECT NAME:</p>	<p>PROJECT LOCATION:</p> <p>2483 GOLDEN CAMP RD C, AUGUSTA, GA 30906</p>	
		
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SCALE	AS NOTED	
DRAWING NO.	REV.	
<b>S-302</b>		<b>0</b>









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**HENRY BRIGHAM COMMUNITY CENTER**

PROJECT NAME: HENRY BRIGHAM COMMUNITY CENTER  
PROJECT LOCATION: 2465 GOLDEN CAMP RD C, AUGUSTA, GA 30906



NO.	DESCRIPTION
1	STEEL SECTIONS AND DETAILS - SHEET 1 OF 3

PROJECT NO: 3042 2005  
DRAWN BY: THW  
CHECKED BY: CWW  
DATE: 02/21/2022

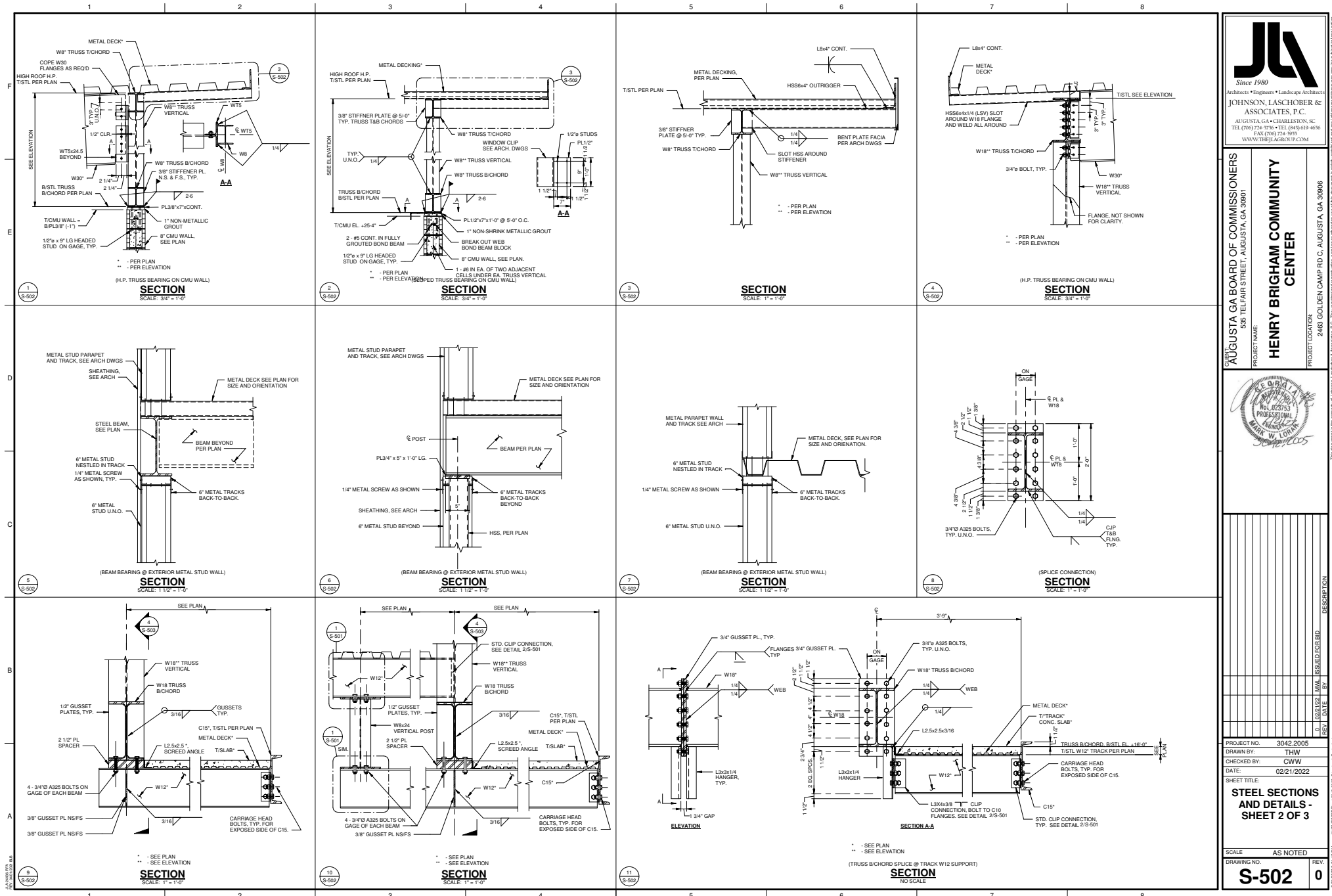
SHEET TITLE: STEEL SECTIONS AND DETAILS - SHEET 1 OF 3

SCALE: AS NOTED

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PROJECT LOCATION  
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2465 GOLDEN CAMP RD C, AUGUSTA, GA 30906

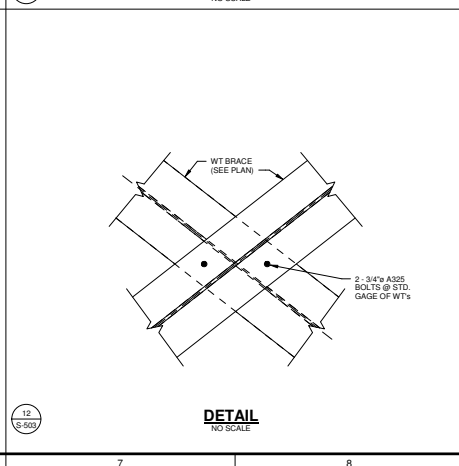
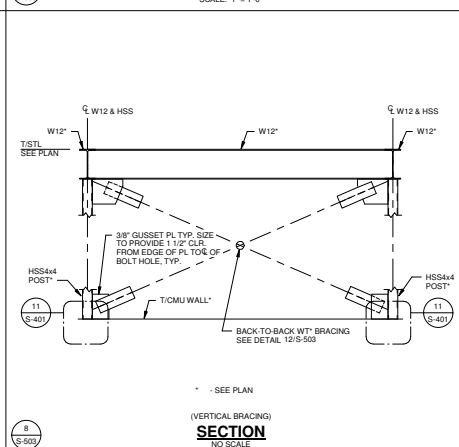
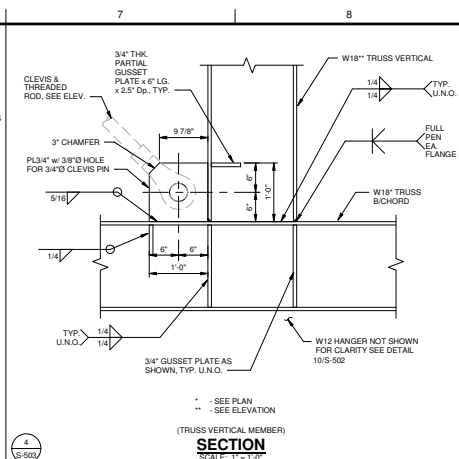


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PROJECT NO: 3042 2005  
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DATE: 02/21/2022  
SHEET TITLE:  
**STEEL SECTIONS AND DETAILS - SHEET 2 OF 3**

SCALE: AS NOTED  
DRAWING NO: **S-502**  
REV: 0



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FIRE PROTECTION GENERAL NOTES:

GENERAL:  
THESE GENERAL NOTES PRESENT AND/OR SUMMARIZE KEY PRODUCT INFORMATION FOR THE PLAN READERS CONVENIENCE. SEE PLANS AND SPECIFICATIONS FOR FURTHER REQUIREMENTS.

WORK COVERED BY THIS DOCUMENT SHALL INCLUDE ALL LABOR, MATERIAL, PRODUCTS, AND SERVICES FOR, AND INCIDENTAL TO, INSTALLATION OF COMPLETE AND OPERATING HVAC SYSTEMS DRAWN OR SPECIFIED.

ALL WORK SHALL CONFORM TO ALL APPLICABLE FEDERAL, STATE, AND LOCAL CODES INCLUDING, BUT NOT LIMITED TO, NFPA 13, NFPA 14, NFPA 20, NFPA 22, NFPA 24, INTERNATIONAL BUILDING CODE w/ AMENDMENTS, AND INTERNATIONAL FIRE CODE w/ AMENDMENTS.

ALL EQUIPMENT AND MATERIALS SHALL BE AS SPECIFIED OR "APPROVED EQUAL" BY THE ARCHITECT OR ENGINEER.

SPRINKLER PIPE SIZING, PIPE ROUTING, SPRINKLER LOCATIONS, AND PIPE SUPPORTS/BRACING BY SPRINKLER CONTRACTOR. PROVIDE SHOP DRAWINGS, HYDRAULIC CALCULATIONS, AND EQUIPMENT SUBMITTALS FOR REVIEW BY ENGINEER, AHJ, AND OWNER. SEE DIVISION 21 SPECIFICATIONS, IF APPLICABLE.

EXACT LOCATIONS AND ROUGHING REQUIREMENTS FOR PIPING AND EQUIPMENT SHALL BE DETERMINED FROM ARCHITECTURAL DRAWINGS, LARGE SCALE ARCHITECTURAL DETAILS, AND APPROVED MANUFACTURERS SHOP DRAWINGS. PARTICULAR ATTENTION SHALL BE DIRECTED TO FIXTURES OR EQUIPMENT FURNISHED UNDER OTHER DIVISIONS.

SEE ARCHITECTURAL PLANS FOR WALL CONSTRUCTION AND REFLECTED CEILING PLANS.

EXACT LOCATION OF PIPING SHALL BE DETERMINED BY JOB CONDITIONS. CONTRACTOR SHALL COORDINATE THE INSTALLATION OF HIS WORK WITH THAT OF OTHER TRADES AND ARRANGE PIPING TO CLEAR STRUCTURAL MEMBERS AND DUCTWORK.

IN FIRE WALLS, PACK ANNULAR SPACE BETWEEN PIPE AND WALL WITH FIRESTOP COMPOUND IN ACCORDANCE WITH ITS LISTING.

PIPING AND FITTINGS:  
UNDERGROUND FIRE SUPPRESSION WATER SERVICE PIPING SHALL BE MECHANICAL-JOINT, DUCTILE-IRON PIPE, MECHANICAL-JOINT, DUCTILE OR GRAY-IRON, STANDARD-PATTERN OR DUCTILE-IRON, COMPACT-PATTERN FITTINGS, GLANDS, GASKETS, AND BOLTS, AND GASKETED JOINTS.

WET-PIPE SPRINKLER SYSTEM NPS 2 AND SMALLER, SHALL BE STANDARD-WEIGHT, BLACK-STEEL PIPE WITH THREADED ENDS, UNCOATED, GRAY-IRON THREADED FITTINGS, AND THREADED JOINTS.

WET-PIPE SPRINKLER SYSTEM, NPS 2-1/2 AND LARGER, SHALL BE SCHEDULE 10, BLACK-STEEL PIPE WITH ROLL-GROOVED ENDS, UNCOATED, GROOVED-END FITTINGS FOR STEEL PIPING, GROOVED-END-PIPE COUPLINGS FOR STEEL PIPING, AND GROOVED JOINTS.

LISTED FIRE-PROTECTION VALVES:  
VALVES SHALL BE UL LISTED AND FM APPROVED, WITH MINIMUM 175-PSIG PRESSURE RATING. VALVES FOR GROOVED-END PIPING MAY BE FURNISHED WITH GROOVED ENDS INSTEAD OF TYPE OF ENDS SPECIFIED.

CHECK VALVES, NPS 2 OR SMALLER, SHALL BE UL 312, SWING CHECK TYPE, BRONZE BODY, AND THREADED ENDS.

CHECK VALVES, NPS 2-1/2 AND LARGER, SHALL BE UL 312, SWING CHECK TYPE, CAST OR DUCTILE-IRON BODY, AND FLANGED OR GROOVED ENDS.

OS&Y GATE VALVES, NPS 2 AND SMALLER, SHALL BE UL 262, BRONZE BODY, EXTERNAL SUPERVISORY SWITCH, AND THREADED ENDS.

OS&Y GATE VALVES, NPS 2-1/2 AND LARGER, SHALL BE UL 262, CAST OR DUCTILE IRON BODY, EXTERNAL SUPERVISORY SWITCH, AND FLANGED OR GROOVED ENDS.

INDICATING TYPE VALVES, NPS 2 AND SMALLER, SHALL BE UL 1091, BALL OR BUTTERFLY TYPE, BRONZE BODY, INTERNAL SUPERVISORY SWITCH, AND THREADED ENDS.

INDICATING TYPE VALVES, NPS 2-1/2 AND LARGER, SHALL BE UL 1091, BUTTERFLY TYPE, CAST OR DUCTILE IRON BODY, INTERNAL SUPERVISORY SWITCH, AND FLANGED OR GROOVED ENDS.

SPECIALTY VALVES:  
VALVES SHALL BE UL LISTED AND FM APPROVED, WITH MINIMUM 175-PSIG PRESSURE RATING. VALVES FOR GROOVED-END PIPING MAY BE FURNISHED WITH GROOVED ENDS INSTEAD OF TYPE OF ENDS SPECIFIED.

AUTOMATIC (BALL DRIP) DRAIN VALVES SHALL BE UL 1726, AUTOMATIC DRAINING, BALL CHECK, NPS 3/4, AND THREADED ENDS.

SPRINKLERS:  
SPRINKLERS SHALL BE UL LISTED OR FM APPROVED, WITH MINIMUM 175-PSIG PRESSURE RATING.

SPRINKLER FINISHES SHALL BE CHROME PLATED, BRONZE, OR PAINTED, AS INDICATED.

SPRINKLER ESCUTCHEONS SHALL BE CHROME-PLATED STEEL, ONE PIECE, FLAT.

SPRINKLER GUARDS SHALL BE UL 199, WIRE CAGE WITH FASTENING DEVICE FOR ATTACHING TO SPRINKLER.

ALARM DEVICES:  
DEVICES SHALL BE UL LISTED OR FM APPROVED. ALARM-DEVICE TYPES SHALL MATCH PIPING AND EQUIPMENT CONNECTIONS.

ELECTRICALLY OPERATED ALARM BELL SHALL BE UL 464, VIBRATING, METAL ALARM BELL, 6-INCH MINIMUM DIAMETER, RED-ENAMEL FACTORY FINISH, SUITABLE FOR OUTDOOR USE.

WATER FLOW INDICATORS SHALL BE UL 346, ELECTRICALLY SUPERVISED, TWO SINGLE POLE, DOUBLE THROW CIRCUIT SWITCHES FOR ISOLATED ALARM AND AUXILIARY CONTACTS, 7A, 125VAC, AND 0.25AM 24VDC, COMPLETE WITH FACTORY-SET, FIELD-ADJUSTABLE RETARD ELEMENT TO PREVENT FALSE SIGNALS AND TAMPERPROOF COVER THAT SENDS SIGNAL IF REMOVED; PADLOCK OPERATED, 250 PSIG PRESSURE RATING.

VALVE SUPERVISORY SWITCHES SHALL BE UL 346, ELECTRICALLY SUPERVISED, SINGLE POLE, DOUBLE THROW SWITCH WITH NORMALLY CLOSED CONTACTS, DESIGNED TO SIGNAL THAT CONTROLLED VALVE IS IN OTHER THAN FULLY OPEN POSITION.

SUBMITTALS:  
PROVIDE SHOP DRAWINGS, HYDRAULIC CALCULATIONS, AND EQUIPMENT SUBMITTALS FOR REVIEW BY ENGINEER, AHJ, AND OWNER.

HAZARD CLASSIFICATION:

ALL AREAS SHALL BE REGARDED AS LIGHT HAZARD UNLESS NOTED OTHERWISE.

L.H. - LIGHT HAZARD, PER NFPA 13

OH-1 - ORDINARY HAZARD, GROUP 1, PER NFPA 13

LEGEND:

FP - FIRE SPRINKLER PIPING

NON-SPRINKLED AREA

F.D.C. - FIRE DEPARTMENT CONNECTION

FIRE BARRIER LEGEND:

ONE HOUR FIRE BARRIER

TWO HOUR FIRE BARRIER

DESIGN CRITERIA:

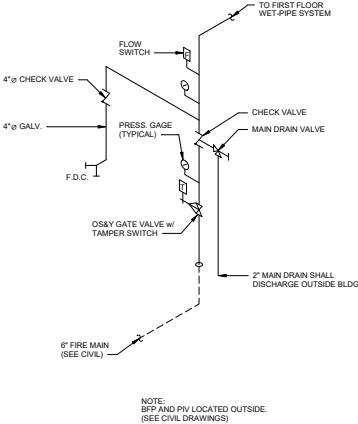
1. TYPES OF SYSTEMS:
  - WET PIPE
2. DENSITY / DESIGN AREA:
  - L.H. - 0.10 GPM/FT<sup>2</sup> OVER H.M.D. 1500 FT<sup>2</sup>
  - OH-1 - 0.15 GPM/FT<sup>2</sup> OVER H.M.D. 1500 FT<sup>2</sup>
3. SPRINKLERS SHALL BE:
  - 5.6 K-FACTOR AND A TEMPERATURE RATING OF 165°F
  - UPRIGHT TYPE FOR ROOMS WITHOUT CEILINGS
  - RECESSED PENDENT TYPE FOR ROOMS WITH CEILINGS
  - SIDEWALL TYPE FOR WALL MOUNTING
  - UPRIGHT, PENDENT, AND SIDEWALL, DRY TYPE FOR SPACES SUBJECT TO FREEZING
  - BRIGHT CHROME WITH BRIGHT CHROME ESCUTCHEON IN FINISHED SPACES EXPOSED TO VIEW, ROUGH BRONZE IN UNFINISHED SPACES NOT EXPOSED TO VIEW
  - CORROSION - RESISTANT PAINT WHERE EXPOSED TO HIGH HUMIDITY (LOCKER ROOM AREAS INCLUDING STEAM / SAUNA)
4. MAXIMUM PROTECTION AREA PER SPRINKLER SHALL NOT EXCEED 225 FT<sup>2</sup> FOR LIGHT HAZARD AND 130 FT<sup>2</sup> FOR ORDINARY HAZARD.
5. PROVIDE SEISMIC BRACING PER NFPA AND IBC.
6. HOSE ALLOWANCE SHALL BE 100 GPM FOR LIGHT HAZARD OCCUPANCIES AND 250 GPM FOR ORDINARY HAZARD OCCUPANCIES.
7. COMPLY WITH NFPA 13 FOR ABOVEGROUND PIPING AND NFPA 24 FOR UNDERGROUND PIPING.

FIRE FLOW TEST DATA:

1. TEST DATE: 06/08/2021
2. PERFORMED BY: JEMAL STUKES OF AJD
3. LOCATION OF RESIDUAL FIRE HYDRANT R: 2463 GOLDEN CAMP ROAD
4. LOCATION OF FLOW FIRE HYDRANT F: 2440 GOLDEN CAMP ROAD
5. STATIC PRESSURE OF RESIDUAL FIRE HYDRANT R: 95 PSIG
6. MEASURED FLOW RATE FLOW HYDRANT F: 1251 GPM
7. RESIDUAL PRESSURE AT RESIDUAL HYDRANT R: 85 PSIG
8. CONTRACTOR SHALL VERIFY AVAILABLE FLOW WITH NEW FLOW TEST FOR DESIGN PURPOSES IF ABOVE DATE IS MORE THAN SIX MONTHS OLD.

APPLICABLE CODES AND STANDARDS

CODES AND STANDARDS	EDITION
INTERNATIONAL BUILDING CODE (IBC)	2018
INTERNATIONAL FIRE CODE (IFC)	2018
NFPA 13	2019
NFPA 24	2019



FIRE SPRINKLER RISER SCHEMATIC

NO SCALE



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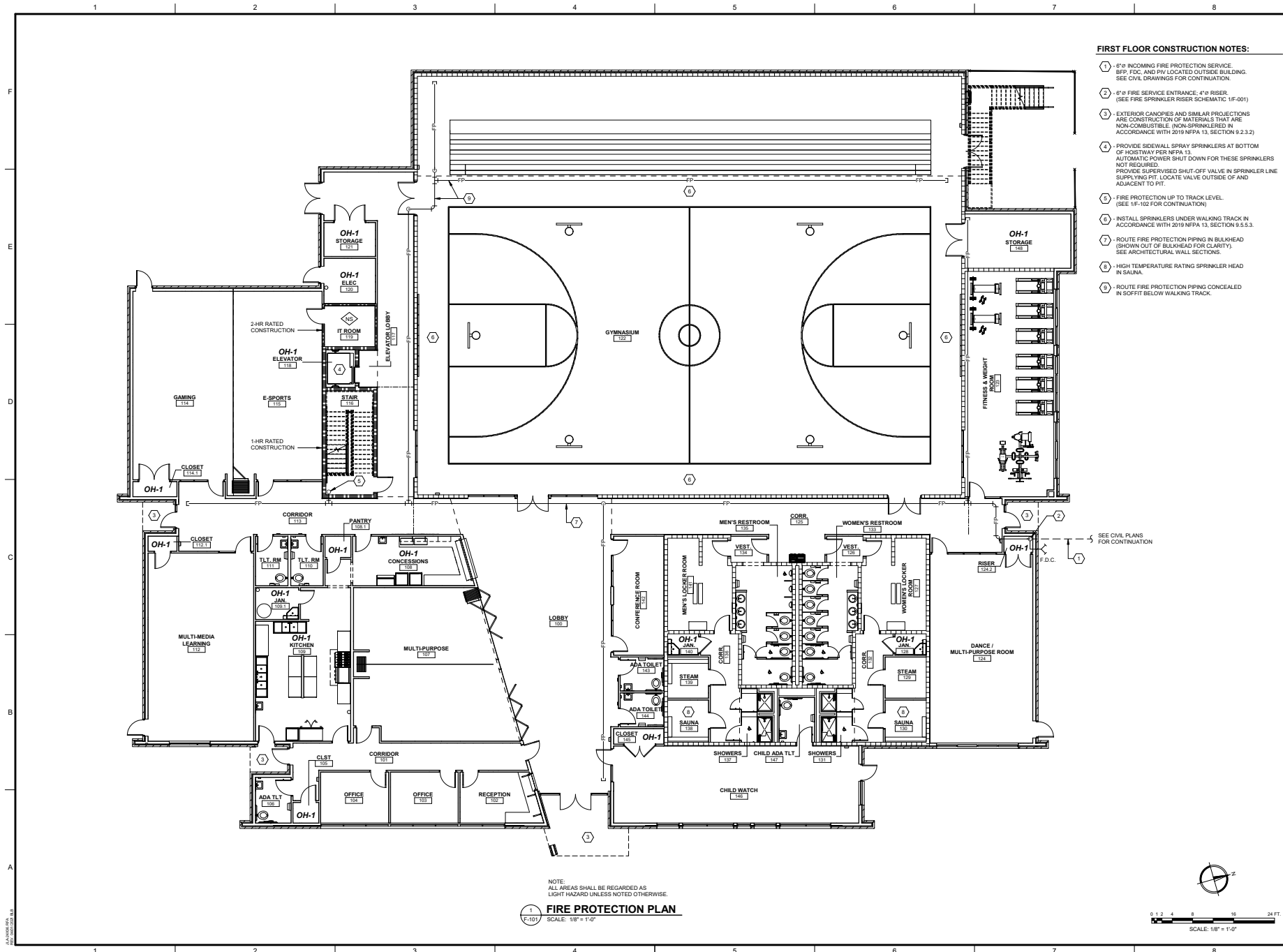
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PROJECT NO.	3042.2005
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DATE:	02/21/2022
SHEET TITLE:	FIRE PROTECTION GENERAL NOTES AND LEGEND

SCALE	AS NOTED
DRAWING NO.	F-001
REV:	0

SCALE	AS NOTED
DRAWING NO.	F-001
REV:	0





**FIRST FLOOR CONSTRUCTION NOTES:**

1. 6" INCOMING FIRE PROTECTION SERVICE. BFP, FDC, AND PIV LOCATED OUTSIDE BUILDING. SEE CIVIL DRAWINGS FOR CONTINUATION.
2. 6" FIRE SERVICE ENTRANCE. 4" RISER. (SEE FIRE SPRINKLER RISER SCHEMATIC 1F-001)
3. EXTERIOR CANOPIES AND SIMILAR PROJECTIONS ARE CONSTRUCTION OF MATERIALS THAT ARE NON-COMBUSTIBLE. (NON-SPRINKLERED IN ACCORDANCE WITH 2019 NFPA 13, SECTION 9.2.3.2)
4. PROVIDE SIDEWALL SPRAY SPRINKLERS AT BOTTOM OF HOISTWAY PER NFPA 13. AUTOMATIC POWER SHUT DOWN FOR THESE SPRINKLERS NOT REQUIRED. PROVIDE SUPERVISED SHUT-OFF VALVE IN SPRINKLER LINE SUPPLYING PIT. LOCATE VALVE OUTSIDE OF AND ADJACENT TO PIT.
5. FIRE PROTECTION UP TO TRACK LEVEL. (SEE 1F-102 FOR CONTINUATION)
6. INSTALL SPRINKLERS UNDER WALKING TRACK IN ACCORDANCE WITH 2019 NFPA 13, SECTION 9.5.5.3.
7. ROUTE FIRE PROTECTION PIPING IN BULKHEAD (SHOWN OUT OF BULKHEAD FOR CLARITY). SEE ARCHITECTURAL WALL SECTIONS.
8. HIGH TEMPERATURE RATING SPRINKLER HEAD IN SAUNA.
9. ROUTE FIRE PROTECTION PIPING CONCEALED IN SOFFIT BELOW WALKING TRACK.

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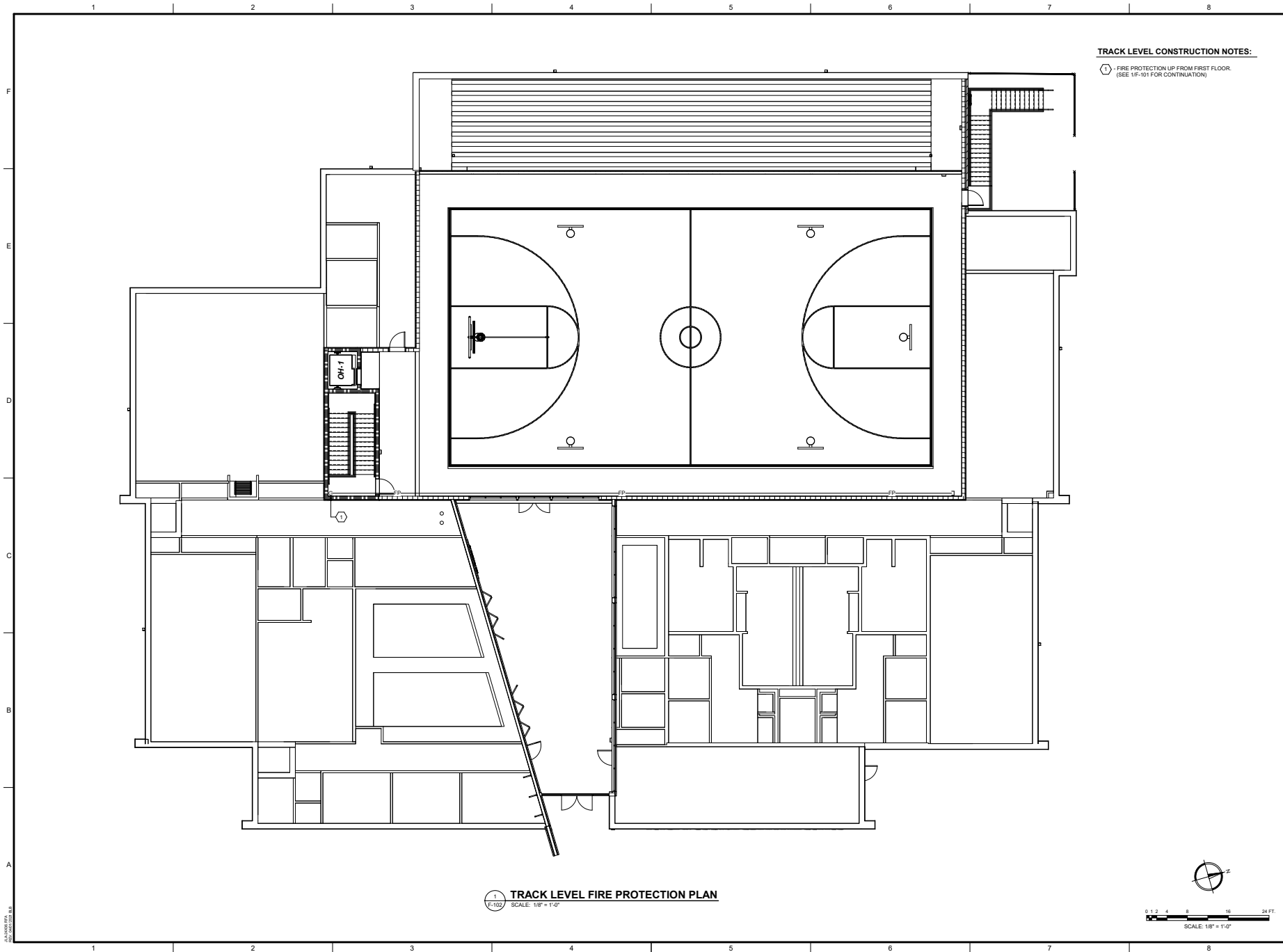


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PROJECT NO: 3042.0005  
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SHEET TITLE:  
**FIRE PROTECTION PLAN**

SCALE: AS NOTED  
DRAWING NO: **F-101**  
REV: **0**





# TRACK LEVEL CONSTRUCTION NOTES:

- 1 - FIRE PROTECTION UP FROM FIRST FLOOR.  
(SEE UP-101 FOR CONTINUATION)



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SHEET TITLE  
**TRACK LEVEL FIRE PROTECTION PLAN**

SCALE AS NOTED

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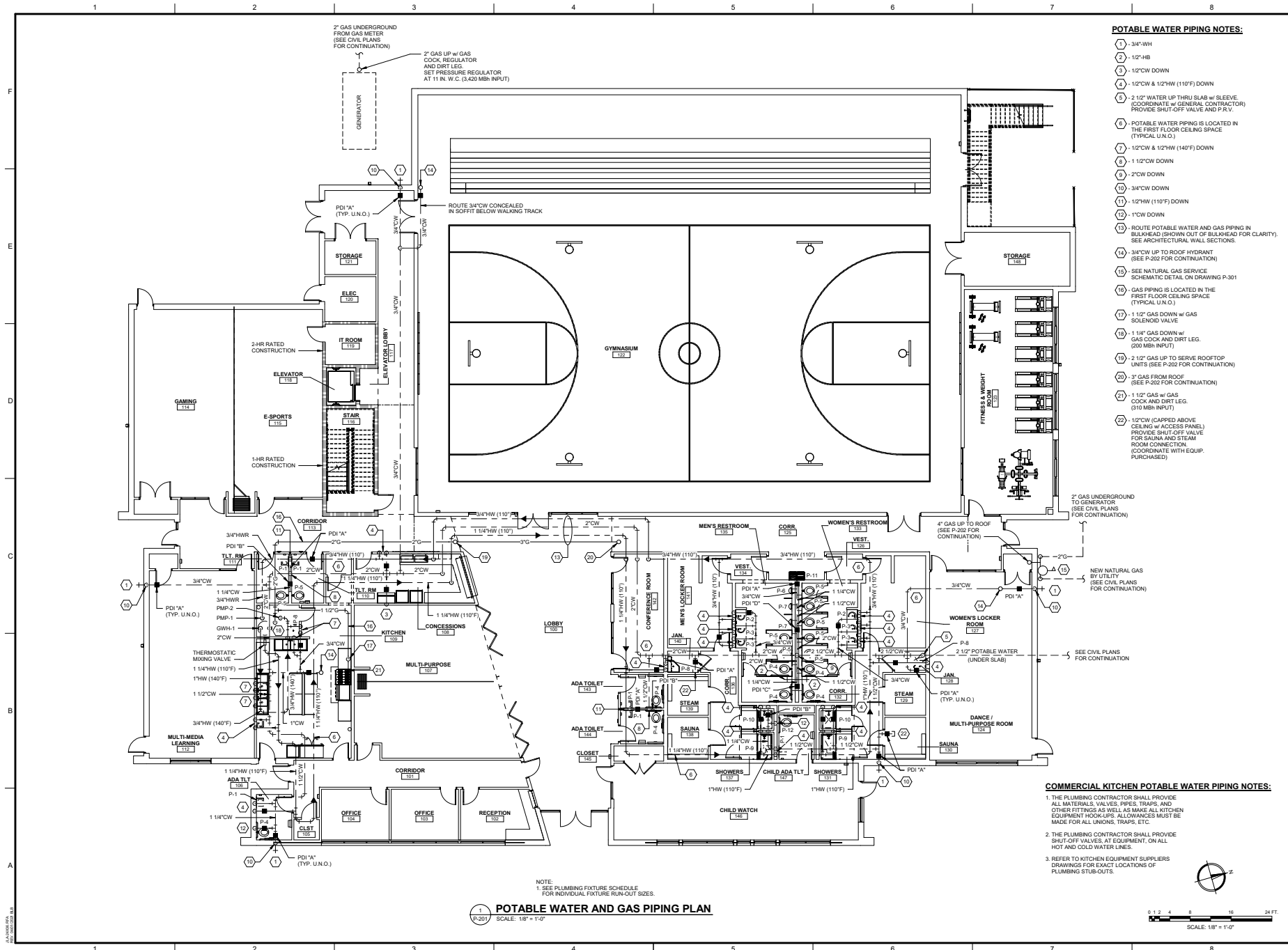












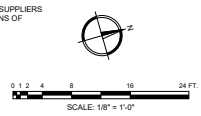
**POTABLE WATER PIPING NOTES:**

- 1) 3/4" WH
- 2) 1/2" HB
- 3) 1/2" CW DOWN
- 4) 1/2" CW & 1/2" HW (110°F) DOWN
- 5) 2 1/2" WATER UP THRU SLAB w/ SLEEVE (COORDINATE w/ GENERAL CONTRACTOR) PROVIDE SHUT-OFF VALVE AND P.R.V.
- 6) POTABLE WATER PIPING IS LOCATED IN THE FIRST FLOOR CEILING SPACE (TYPICAL U.N.O.)
- 7) 1/2" CW & 1/2" HW (140°F) DOWN
- 8) 1 1/2" CW DOWN
- 9) 2" CW DOWN
- 10) 3/4" CW DOWN
- 11) 1/2" HW (110°F) DOWN
- 12) 1" CW DOWN
- 13) ROUTE POTABLE WATER AND GAS PIPING IN BULKHEAD (SHOWN OUT OF BULKHEAD FOR CLARITY). SEE ARCHITECTURAL WALL SECTIONS.
- 14) 3/4" CW UP TO ROOF HYDRANT (SEE P-202 FOR CONTINUATION)
- 15) SEE NATURAL GAS SERVICE SCHEMATIC DETAIL ON DRAWING P-301
- 16) GAS PIPING IS LOCATED IN THE FIRST FLOOR CEILING SPACE (TYPICAL U.N.O.)
- 17) 1 1/2" GAS DOWN w/ GAS SOLIDOR VALVE
- 18) 1 1/4" GAS DOWN w/ GAS COCK AND DIRT LEG (200 MBR INPUT)
- 19) 2 1/2" GAS UP TO SERVE ROOFTOP UNITS (SEE P-202 FOR CONTINUATION)
- 20) 3" GAS FROM ROOF (SEE P-202 FOR CONTINUATION)
- 21) 1 1/2" GAS w/ GAS COCK AND DIRT LEG (310 MBR INPUT)
- 22) 1/2" CW (CAPPED ABOVE CEILING w/ ACCESS PANEL) PROVIDE SHUT-OFF VALVE FOR SAUNA AND STEAM ROOM CONNECTION (COORDINATE WITH EQUIP. PURCHASER)

**COMMERCIAL KITCHEN POTABLE WATER PIPING NOTES:**

1. THE PLUMBING CONTRACTOR SHALL PROVIDE ALL MATERIALS, VALVES, PIPES, TRAPS, AND OTHER FITTINGS AS WELL AS MAKE ALL KITCHEN EQUIPMENT HOOKUPS. ALLOWANCES MUST BE MADE FOR ALL UNIONS, TRAPS, ETC.
2. THE PLUMBING CONTRACTOR SHALL PROVIDE SHUT-OFF VALVES AT EQUIPMENT, ON ALL HOT AND COLD WATER LINES.
3. REFER TO KITCHEN EQUIPMENT SUPPLIERS DRAWINGS FOR EXACT LOCATIONS OF PLUMBING STUB-OUTS.

**POTABLE WATER AND GAS PIPING PLAN**  
SCALE: 1/8" = 1'-0"



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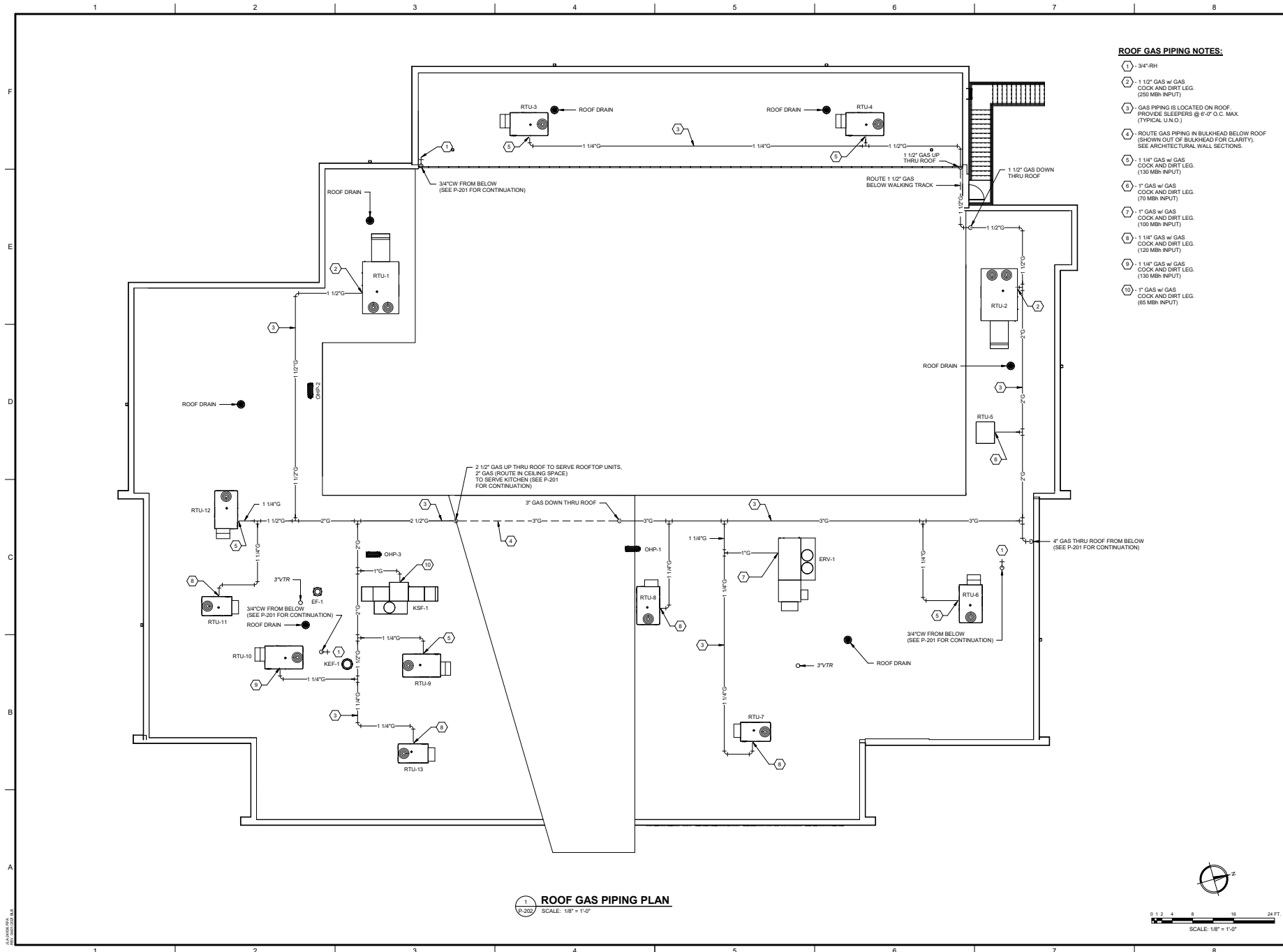
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**POTABLE WATER AND GAS PIPING PLAN**

SCALE: AS NOTED  
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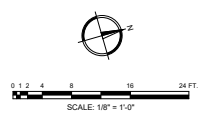





**ROOF GAS PIPING NOTES:**

- 1 - 3/4\"/>
- 2 - 1 1/2\"/>
- 3 - GAS PIPING IS LOCATED ON ROOF. PROVIDE SLEEPERS @ 6'-0\"/>
- 4 - ROUTE GAS PIPING IN BULKHEAD BELOW ROOF (SHOWN OUT OF BULKHEAD FOR CLARITY). SEE ARCHITECTURAL WALL SECTIONS.
- 5 - 1 1/4\"/>
- 6 - 1\"/>
- 7 - 1\"/>
- 8 - 1 1/4\"/>
- 9 - 1 1/4\"/>
- 10 - 1\"/>

**1 ROOF GAS PIPING PLAN**  
SCALE: 1/8\"/>






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SHEET TITLE:  
**ROOF GAS PIPING PLAN**

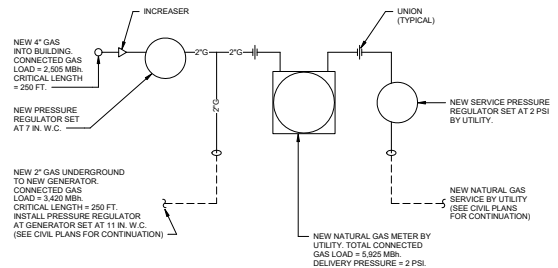
SCALE: AS NOTED

DRAWING NO: **P-202**

REV: **0**



PLUMBING FIXTURE SCHEDULE						
MARK	FIXTURE	NOM. PIPE SIZE				DESCRIPTION
		CW	HW	W	V	
P-1	WALL-HUNG LAVATORY (H.C.)	1/2"	1/2"	2"	1 1/2"	AMERICAN STANDARD 0355.012 ACCESSIBLE LAVATORY, AMERICAN STANDARD 6058.205 HARD-WIRED AC SENSOR FAUCET, PK60 HAC POWER KIT, 605X7MM/1070 MIXING VALVE, GRID DRAIN, ANGLE STOPS, 3/8" SUPPLIES AND TRUEBRO LAV-SHIELD MODEL 42018-ASL w/ TAMPER RESISTANT SCREWS (INSTALL TRAP, ANGLE STOPS AND MIXING VALVE BEHIND LAV-SHIELD)
P-2	COUNTERTOP LAVATORY (H.C.)	1/2"	1/2"	2"	1 1/2"	AMERICAN STANDARD 0476.028 ACCESSIBLE LAVATORY, AMERICAN STANDARD 6058.205 HARD-WIRED AC SENSOR FAUCET, PK60 HAC POWER KIT, 605X7MM/1070 MIXING VALVE, GRID DRAIN, ANGLE STOPS, 3/8" SUPPLIES, PLUMBEREX HANDY-SHIELD MODEL 2003
P-3	COUNTERTOP LAVATORY	1/2"	1/2"	2"	1 1/2"	AMERICAN STANDARD 0476.028 ACCESSIBLE LAVATORY, AMERICAN STANDARD 6058.205 HARD-WIRED AC SENSOR FAUCET, PK60 HAC POWER KIT, 605X7MM/1070 MIXING VALVE, GRID DRAIN, ANGLE STOPS, 3/8" SUPPLIES
P-4	WATER CLOSET (H.C.)	1"	-	4"	2"	AMERICAN STANDARD 3481.001 ACCESSIBLE TOILET w/ CHURCH 265CT & SLOAN ROYAL 111 ESS-1.28-TMO HARD WIRED SENSOR FLUSH VALVE, 1.28 GAL. FLUSH CYCLE
P-5	WATER CLOSET	1"	-	4"	2"	AMERICAN STANDARD 3451.001 TOILET w/ CHURCH 265CT & SLOAN ROYAL 111 ESS-1.28-TMO HARD WIRED SENSOR FLUSH VALVE, 1.28 GAL. FLUSH CYCLE
P-6	URNAL (H.C.)	3/4"	-	2"	2"	AMERICAN STANDARD MODEL ALLBROOK 6650.001 w/ SLOAN 186 ESS-6.5-HW HARD-WIRED SENSOR 3/4" FLUSH VALVE, 0.5 GAL. FLUSH CYCLE
P-7	URNAL	3/4"	-	2"	2"	AMERICAN STANDARD MODEL ALLBROOK 6650.001 w/ SLOAN 186 ESS-6.5-HW HARD-WIRED SENSOR 3/4" FLUSH VALVE, 0.5 GAL. FLUSH CYCLE
P-8	MOP BASIN	1/2"	1/2"	3"	2"	FIAT MODEL MSB-2424, FAUCET 830-AA, HOSE & HOSE BRACKET 832-AA, MOP HANGER 889-CC AND STRAINER
P-9	SHOWER HEAD AND MIXING VALVE (H.C.)	1/2"	1/2"	-	-	SYMMONS TEMPTROL C-96-1.X-1.5 SHOWER VALVE SYSTEM w/ 1736-1.5 HAND SHOWER AND DUAL OUTLET DIVERTER VALVE
P-10	SHOWER HEAD AND MIXING VALVE	1/2"	1/2"	-	-	SYMMONS TEMPTROL C-96-1.X-1.5 SHOWER VALVE SYSTEM
P-11	HILO WATER COOLER	1/2"	-	2"	1 1/2"	OASIS VERSACOOLER II MODEL PGR8BSFL w/ BOTTLE FILLER
P-12	CHILD'S WATER CLOSET	1"	-	4"	2"	AMERICAN STANDARD 2282.001 TOILET w/ CHURCH 1580CT & SLOAN ROYAL 111 ESS-1.28-TMO HARD WIRED SENSOR FLUSH VALVE, 1.28 GAL. FLUSH CYCLE
3/4"-WH	WALL HYDRANT	3/4"	-	-	-	J.R. SMITH MODEL 4509QT FOR 8" WALL THICKNESS. WARNING: FAUCET MUST BE INSTALLED w/ DOWNWARD PITCH TOWARD NOZZLE & HOSE MUST BE REMOVED IN FREEZING WEATHER OR FAUCET MAY FREEZE & BURST.
1/2"-HB	HOSE BIBB	1/2"	-	-	-	WOODFORD MODEL 824P-1/2 w/ BOX
3/4"-RH	ROOF HYDRANT	3/4"	-	-	-	WOODFORD SRH-MS FREEZELESS ROOF HYDRANT
SD	SHOWER DRAIN (TILE)	-	-	2"	-	PLASTIC ODITIES INC. MODEL PBR-410
PMP-1	RECIRCULATION PUMP	-	3/4"	-	-	BELL & GOSSETT MODEL NBF-22 w/ TIMECLOCK 120V/160Hz (7 GPM @ 10 FOOT HEAD)
PMP-2	RECIRCULATION PUMP	-	3/4"	-	-	BELL & GOSSETT MODEL NBF-22 w/ TIMECLOCK 120V/160Hz (7 GPM @ 10 FOOT HEAD)
GWH-1	GAS WATER HEATER	1 1/4"	1 1/4"	-	-	A.O. SMITH MODEL 87H-199, 100 GALLON CAP, 199,000 BTU/Hr INPUT, NATURAL GAS, 1201-1480, RECOVERY RATE OF 238 GPH AT A 100° F TEMP. RISE (PROVIDE TACO LEAKBREAKER WATER HEATER SHUT-OFF)
NOTES: 1. ALL FIXTURES, FITTINGS, AND TRIM TO COMPLY WITH THE LATEST REVISION OF THE AMERICAN DISABILITIES ACT, WHERE APPLICABLE. 2. SUPPORT URINALS w/ WALL HANGERS AND THRU BOLTS. 3. RM HEIGHT SHALL COMPLY w/ ADA REQUIREMENTS AND STANDARD MANUFACTURER RECOMMENDED INSTALLATION HEIGHTS FOR NON-ADA FIXTURES. 4. PLUMBING CONTRACTOR TO COORDINATE w/ COUNTER TOP CONTRACTOR BEFORE ORDERING SINKS.						



DETAIL - NATURAL GAS SERVICE SCHEMATIC  
NO SCALE

HANGERS & SUPPORTS					
SPACING: DO NOT EXCEED THE FOLLOWING SPACING, ON CENTERS					
PIPE SIZE	SCH. 40 PVC	COPPER	STEEL	HANGER ROD DIA.	
1/2", 3/4"	4 FT.	8 FT.	7 FT.	1/4"	
1"	4 FT.	8 FT.	7 FT.	1/4"	
1 1/2"	4 FT.	8 FT.	9 FT.	3/8"	
2"	4 FT.	8 FT.	10 FT.	3/8"	
2 1/2"	4 FT.	9 FT.	11 FT.	3/8"	
3"	4 FT.	10 FT.	12 FT.	3/8"	
4"	4 FT.	10 FT.	12 FT.	1/2"	

WATER HAMMER ARRESTER SCHEDULE	
SYMBOL	FIXTURE UNIT RATING
PDI "A"	1-11
PDI "B"	12-32
PDI "C"	33-60
PDI "D"	61-113
PDI "E"	114-154
PDI "F"	155-330

NOTE: USE METAL-BELLOWS TYPE WITH PRESSURIZED METAL CUSHIONING CHAMBER, COMPLYING WITH STANDARD P.D.I. WH-201.

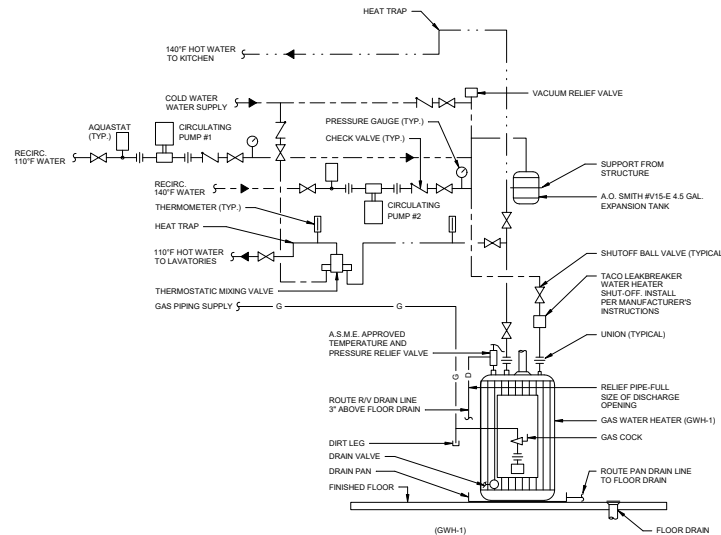
SUMP PUMP SCHEDULE					
MARK	BASIS OF DESIGN		SERVES	GPM	T.D.H. (FT.)
	MANUFACTURER	MODEL			
SP-1	STANCOR	SE-50	ELEVATOR	50	20

NOTE: PROVIDE STANCOR OIL-MINDER CONTROL SYSTEM OR EQUAL.

FLOOR DRAIN & CLEANOUT SCHEDULE				
SYMBOL	BASIS OF DESIGN		PROVIDE	NOTES
	MANUFACTURER	MODEL		
FD	J.R. SMITH	2010-B	⊙	
GCO	J.R. SMITH	4237		
FCO	J.R. SMITH	4040		
WCO	J.R. SMITH	4052-U		
FS	J.R. SMITH	3003	⊙	
HD	MIFAB	F1100-DD	⊙	

FLOOR DRAIN & CLEANOUT ACCESSORIES				
⊙	PROVIDE MANUF. RECOMMENDED STRAINER SIZE BASED ON OUTLET SIZE		⊙	PROVIDE TRAP SEAL DEVICE (PROSET TRAP GUARD OR EQUAL)

NOTES:  
1. PROVIDE PROSET "T-RITE" DRAINS ON ALL FLOORS/SHOWER/HUB DRAINS THAT ARE THROUGH PENETRATION OF A FIRE RATED FLOOR.  
2. COORDINATE FLOOR FINISHES w/ FLOOR DRAINS AND FLOOR CLEANOUTS. (ADJUST FLOOR DRAIN AND FLOOR CLEANOUT ELEVATIONS AS REQUIRED)



DETAIL - GAS FIRED WATER HEATER  
NO SCALE



AUGUSTA GA BOARD OF COMMISSIONERS  
535 Telfair Street, Augusta, GA 30901  
PROJECT NAME  
HENRY BRIGHAM COMMUNITY CENTER  
PROJECT LOCATION  
2408 GOLDEN CAMP RD C, AUGUSTA, GA 30908



REVISION		DATE		BY	
0	02/21/2022	CWV	ISSUED FOR BID		

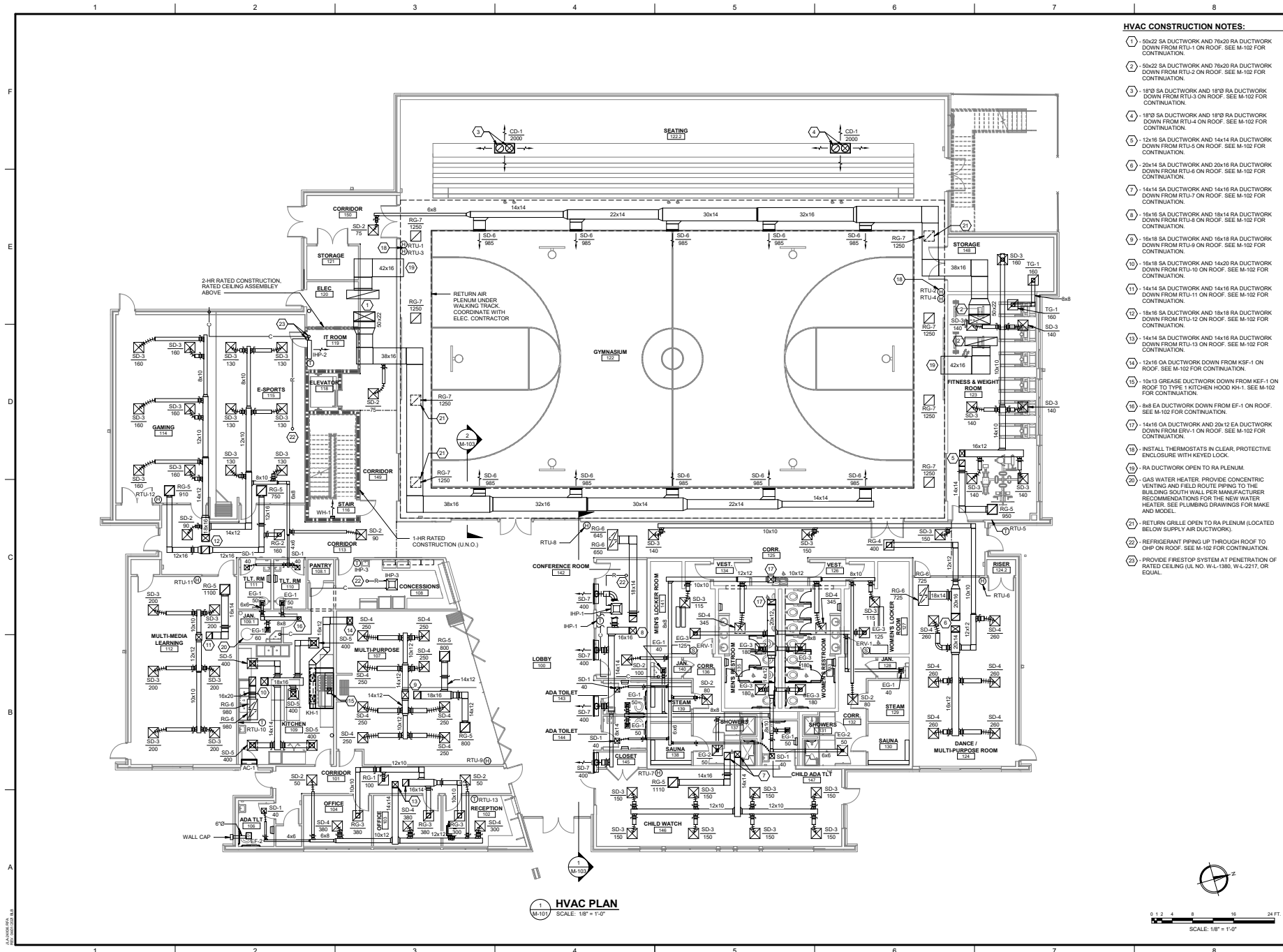
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DRAWN BY: WBR  
CHECKED BY: CWV  
DATE: 02/21/2022  
SHEET TITLE:  
**PLUMBING SCHEDULES AND DETAILS**

SCALE AS NOTED  
DRAWING NO. **P-301**  
REV. 0









# HVAC CONSTRUCTION NOTES:

- 50x22 SA DUCTWORK AND 76x20 RA DUCTWORK DOWN FROM RTU-1 ON ROOF. SEE M-102 FOR CONTINUATION.
- 50x22 SA DUCTWORK AND 76x20 RA DUCTWORK DOWN FROM RTU-2 ON ROOF. SEE M-102 FOR CONTINUATION.
- 18"0 SA DUCTWORK AND 18"0 RA DUCTWORK DOWN FROM RTU-3 ON ROOF. SEE M-102 FOR CONTINUATION.
- 18"0 SA DUCTWORK AND 18"0 RA DUCTWORK DOWN FROM RTU-4 ON ROOF. SEE M-102 FOR CONTINUATION.
- 12x16 SA DUCTWORK AND 14x14 RA DUCTWORK DOWN FROM RTU-5 ON ROOF. SEE M-102 FOR CONTINUATION.
- 20x14 SA DUCTWORK AND 20x16 RA DUCTWORK DOWN FROM RTU-6 ON ROOF. SEE M-102 FOR CONTINUATION.
- 14x14 SA DUCTWORK AND 14x16 RA DUCTWORK DOWN FROM RTU-7 ON ROOF. SEE M-102 FOR CONTINUATION.
- 16x18 SA DUCTWORK AND 16x18 RA DUCTWORK DOWN FROM RTU-8 ON ROOF. SEE M-102 FOR CONTINUATION.
- 16x18 SA DUCTWORK AND 16x18 RA DUCTWORK DOWN FROM RTU-9 ON ROOF. SEE M-102 FOR CONTINUATION.
- 14x14 SA DUCTWORK AND 14x16 RA DUCTWORK DOWN FROM RTU-10 ON ROOF. SEE M-102 FOR CONTINUATION.
- 14x14 SA DUCTWORK AND 14x16 RA DUCTWORK DOWN FROM RTU-11 ON ROOF. SEE M-102 FOR CONTINUATION.
- 16x18 SA DUCTWORK AND 16x18 RA DUCTWORK DOWN FROM RTU-12 ON ROOF. SEE M-102 FOR CONTINUATION.
- 14x14 SA DUCTWORK AND 14x16 RA DUCTWORK DOWN FROM RTU-13 ON ROOF. SEE M-102 FOR CONTINUATION.
- 12x16 SA DUCTWORK DOWN FROM RTU-14 ON ROOF. SEE M-102 FOR CONTINUATION.
- 10x13 GREASE DUCTWORK DOWN FROM KEF-1 ON ROOF TO TYPE 1 KITCHEN HOOD KH-1. SEE M-102 FOR CONTINUATION.
- 8x8 EA DUCTWORK DOWN FROM EF-1 ON ROOF. SEE M-102 FOR CONTINUATION.
- 14x16 SA DUCTWORK AND 20x12 RA DUCTWORK DOWN FROM RTU-15 ON ROOF. SEE M-102 FOR CONTINUATION.
- INSTALL THERMOSTATS IN CLEAR, PROTECTIVE ENCLOSURE WITH KEYED LOCK.
- RA DUCTWORK OPEN TO RA PLENUM.
- GAS WATER HEATER. PROVIDE CONCENTRIC VENTING AND FIELD ROUTE PIPING TO THE BUILDING SOUTH WALL PER MANUFACTURER RECOMMENDATIONS FOR THE NEW WATER HEATER. SEE PLUMBING DRAWINGS FOR MAKE AND MODEL.
- RETURN GRILLE OPEN TO RA PLENUM (LOCATED BELOW SUPPLY AIR DUCTWORK).
- REFRIGERANT PIPING UP THROUGH ROOF TO OHP ON ROOF. SEE M-102 FOR CONTINUATION.
- PROVIDE FIRESTOP SYSTEM AT PENETRATION OF RATED CEILING (U.N.O. W-1, W-138, W-2217, OR EQUAL).

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**AUGUSTA GA BOARD OF COMMISSIONERS**  
535 TELFAIR STREET, AUGUSTA, GA 30901

**HENRY BRIGHAM COMMUNITY CENTER**

PROJECT LOCATION: 2468 GOLDEN CAMP RD, AUGUSTA, GA 30908

PROJECT NAME: HENRY BRIGHAM COMMUNITY CENTER

PROJECT LOCATION: 2468 GOLDEN CAMP RD, AUGUSTA, GA 30908

PROJECT NO: 3042.2005

DRAWN BY: MNB

CHECKED BY: CVW

DATE: 02/21/2022

SHEET TITLE: HVAC PLAN

SCALE: AS NOTED

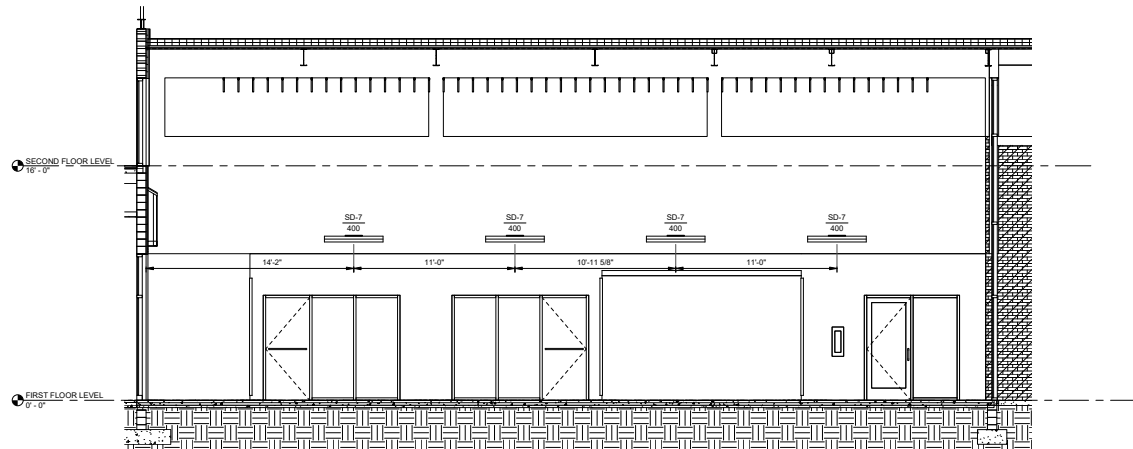
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REV: 0

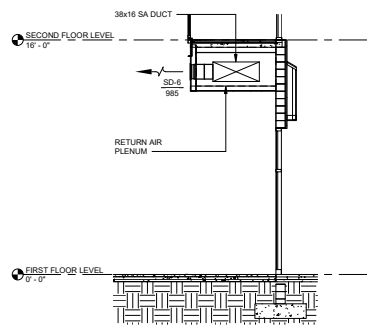




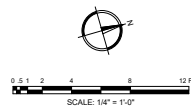




1 100 LOBBY SA SLOT DIFFUSERS SECTION  
M-103 SCALE: 1/4" = 1'-0"



2 RA PLENUM SECTION  
M-103 SCALE: 1/4" = 1'-0"



OWNER  
AUGUSTA GA BOARD OF COMMISSIONERS  
535 TELFAIR STREET, AUGUSTA, GA 30901

PROJECT NAME  
HENRY BRIGHAM COMMUNITY CENTER

PROJECT LOCATION  
2465 GOLDEN CAMP RD C, AUGUSTA, GA 30908



REV	DATE	BY	DESCRIPTION
0	02/21/2022	MINB	ISSUED FOR BID

PROJECT NO. 3042.2005  
DRAWN BY: MINB  
CHECKED BY: CVW  
DATE: 02/21/2022  
SHEET TITLE:

HVAC SECTIONS

SCALE AS NOTED  
DRAWING NO. M-103  
REV. 0



F  
E  
D  
C  
B  
A

1

2

3

4

5

6

7

8

PACKAGED GAS/ELECTRIC ROOFTOP UNIT SCHEDULE

MARK	BASIS OF DESIGN		NOM. CFM	OA CFM	E.S.P. (IN. WG)	COOLING		HEATING		MIN. EER/SEER	MIN. IEER	ELECTRICAL				NOTES	
	MANUFACTURER	MODEL				TOTAL (MBH)	SENSIBLE (MBH)	INPUT (MBH)	MIN. EFF. (%)			MCA	MOCP	VOLTAGE	PHASE		HZ
RTU-1	TRANE	YHC100G3	5,000	1,400	0.5	140.0	105.4	250.0	80.0%	12.1	13.5	67.0	60	208	3	60	1,2,3,4,5,6,8,9,10
RTU-2	TRANE	YHC100G3	1,000	0	0.5	140.0	105.4	250.0	80.0%	12.1	13.5	67.0	60	208	3	60	1,2,3,4,5,6,8,9,10
RTU-3	TRANE	YHC080G3	2,000	0	0.5	63.5	47.3	130.0	82.0%	14.0	-	26.0	40	208	3	60	1,2,3,4,8,9,10,11
RTU-4	TRANE	YHC080G3	2,000	0	0.5	63.5	47.3	130.0	82.0%	14.0	-	26.0	40	208	3	60	1,2,3,4,8,9,10,11
RTU-5	TRANE	YHC080G3A1	1,000	90	0.5	28.2	21.6	70.0	81.0%	14.0	-	22.6	35	208	1	60	1,4,7,8,9,10
RTU-6	TRANE	YHC080G3	2,000	150	0.5	63.5	47.3	130.0	82.0%	14.0	-	26.0	40	208	3	60	1,2,3,4,8,9,10,11
RTU-7	TRANE	YHC080G3	1,200	90	0.5	38.5	27.9	120.0	80.0%	14.0	-	18.0	25	208	3	60	1,2,3,4,7,8,9,10
RTU-9	TRANE	YHC080G3	1,000	305	0.5	49.9	37.0	120.0	80.0%	14.0	-	24.0	35	208	3	60	1,2,3,4,7,8,9,10
RTU-9	TRANE	YHC080G3	2,000	400	0.5	63.5	47.3	130.0	82.0%	14.0	-	26.0	40	208	3	60	1,2,3,4,8,9,10,11
RTU-10	TRANE	YHC080G3	2,000	40	0.5	63.5	47.3	130.0	82.0%	14.0	-	26.0	40	208	3	60	1,2,3,4,8,9,10,11
RTU-11	TRANE	YHC080G3	1,200	100	0.5	38.5	27.9	120.0	80.0%	14.0	-	18.0	25	208	3	60	1,2,3,4,7,8,9,10
RTU-12	TRANE	YHC080G3	2,000	180	0.5	63.5	47.3	130.0	82.0%	14.0	-	26.0	40	208	3	60	1,2,3,4,8,9,10,11
RTU-13	TRANE	YSC036G3	1,200	40	0.5	37.0	29.8	120.0	81.0%	14.0	-	20.0	30	208	3	60	1,2,4,7,8,9,10
PROVIDE WITH DISCONNECT PROVIDE WITH UNPOWERED CONVENIENCE OUTLET 3. HOT GAS REHEAT 4. PROVIDE ROOF CURB 5. PROVIDE SMOKE DETECTOR IN SUPPLY DUCT 6. PROVIDE UNIT WITH SEMCO BOLT-ON ENERGY RECOVERY MODULE 7. PROVIDE LOW LEAKAGE MOTORIZED OA DAMPER 8. SEE AIR PURIFICATION DEVICE SCHEDULE 9. MIN. MERV 8 FILTER 10. VERTICLE DISCHARGE 11. ECONOMIZER WITH MOTORIZED OUTDOOR AIR DAMPER AND BAROMETRIC RELIEF																	

ENERGY RECOVERY VENTILATOR SCHEDULE

MARK	BASIS OF DESIGN		OUTDOOR AIR		EXHAUST AIR		WHEEL EFFECTIVENESS	MIN. ISMRE	COOLING COIL		HOT GAS REHEAT COIL		ELECTRICAL				NOTES								
	MANUFACTURER	MODEL	OA CFM	E.S.P. (IN. WG)	MOTOR HP	EA CFM			E.S.P. (IN. WG)	MOTOR HP	SENSIBLE (MBH)	EAT (DB/WS)	LAT (DB/WS)	CAPACITY (MBH)	LAT (DB)	INPUT (MBH)		OUTPUT (MBH)	EAT (DB)	LAT (DB)	MCA	MOCP	VOLTAGE	PHASE	HZ
ERV-1	GREENHECK	RV-40-30-30H	1,300	1.0	1.0	1,300	1.0	75.3%	6.9	87.6	43.8	60/67	55/55	40.6	75	100.0	80.0	56	70	26.1	40	208	3	60	1,2,3,4,5,6,7
PROVIDE WITH DISCONNECT PROVIDE WITH UNPOWERED CONVENIENCE OUTLET 3. MODULATING HOT GAS REHEAT 4. PROVIDE ROOF CURB 5. MIN. MERV 8 FILTER 6. VERTICAL SUPPLY/ RETURN 7. SEE ENERGY RECOVERY VENTILATOR SEQUENCE OF OPERATIONS ON THIS SHEET																									

ENERGY RECOVERY MODULE SCHEDULE

MARK	BASIS OF DESIGN		RTU SERVED	OUTDOOR AIR		EXHAUST AIR		WHEEL EFFECTIVENESS	ELECTRICAL				NOTES	
	MANUFACTURER	MODEL		OA CFM	MOTOR HP	EA CFM	MOTOR HP		MCA	MOCP	VOLTAGE	PHASE		HZ
ERM-1	RUSKIN ROOFTOP SYSTEMS	70F28-10M4-23	RTU-1	1,500	1.5	1,500	3.0	63.0%	18.0	25	208	3	60	1,2,3,5,6,7
ERM-2	RUSKIN ROOFTOP SYSTEMS	70F28-10M4-23	RTU-2	1,500	1.5	1,500	3.0	63.0%	18.0	25	208	3	60	1,2,4,5,6,7
INTEGRAL TO RTU SERVED 2. MOUNT TO PACKAGED ROOFTOP UNIT 3. INTERLOCK WITH RTU-1 4. INTERLOCK WITH RTU-2 5. PROVIDE ECONOMIZER BY RUSKIN ROOFTOP SYSTEMS 6. PROVIDE EQUIPMENT SUPPORT 7. PROVIDE MOTORIZED INKAKE AIR DAMPER														

EXHAUST FAN SCHEDULE

MARK	BASIS OF DESIGN		TYPE	E.S.P. (IN. WG)	NOM. CFM	SONES	FRPM MAX	ELECTRICAL				NOTES
	MANUFACTURER	MODEL						MOTOR POWER	VOLTAGE	PHASE	HZ	
EF-1	GREENHECK	G-70-VG	ROOF	0.5	57	1,720	115 HP	115	1	60	1,2,3,4,6,7	
EF-2	GREENHECK	SP-80-VG	CEILING	0.25	70	935	6.1 W	115	1	60	4,5,6	
CONTINUOUS OPERATION 2. PROVIDE ROOF CURB 3. PROVIDE BIRD SCREEN 4. BACKDRAFT DAMPER 5. INTERLOCK WITH LIGHTS 6. EC MOTOR												

DUCTLESS OUTDOOR HEAT PUMP SCHEDULE

MARK	BASIS OF DESIGN		TOTAL COOLING (MBH)	TOTAL HEATING (MBH)	REFRIG. O.D.		MIN. EER/SEER	ELECTRICAL				NOTES	
	MANUFACTURER	MODEL			LIQUID	SUCTON		MCA	MOCP	VOLTAGE	PHASE		HZ
OHF-1	DAIKIN	SLZ-KA09NA	9.2	6.4	3/8	5/8	14.0	9.0	15	208	1	60	
OHF-2	DAIKIN	MSY-GZ-09NA	23.0	0	3/8	5/8	14.0	17.1	20	208	1	60	
OHF-3	DAIKIN	SLZ-KA09NA	9.2	6.4	1/4	3/8	14.0	9.0	15	208	1	60	

DUCTLESS INDOOR HEAT PUMP SCHEDULE

MARK	BASIS OF DESIGN		NOM. CFM	OA CFM	COOLING		HEATING (MBH)	ELECTRICAL				NOTES	
	MANUFACTURER	MODEL			TOTAL (MBH)	SENSIBLE (MBH)		MCA	MOCP	VOLTAGE	PHASE		HZ
IHP-1	DAIKIN	SLZ-KF09NA	300	0	9.2	7.9	6.4	0.25	NOTE 3	208	1	60	1,2,3,5,6
IHP-2	DAIKIN	MSY-GZ-09NA	740	0	23.0	17.1	1.0	NOTE 3	208	1	60	1,2,3,4,5	
IHP-3	DAIKIN	SLZ-KF09NA	300	0	9.2	7.9	6.4	0.25	NOTE 3	208	1	60	1,2,3,5,6
PROVIDE WITH DISCONNECT PROVIDE CLEANABLE FILTER 3. UNIT IS POWERED FROM CORRESPONDING OHP 4. PROVIDE 208V MIN. CONDENSATE PUMP 5. FIELD ROUTE REFRIGERANT PIPING TO CORRESPONDING OHP 6. SEE AIR PURIFICATION DEVICE SCHEDULE													

AIR PURIFICATION DEVICE SCHEDULE

UNIT SERVED	BASIS OF DESIGN		SUPPLY CFM	OUTSIDE AIR CFM	QUANTITY	MOUNTING LOCATION	VOLTAGE	POWER	NOTES
	MANUFACTURER	MODEL							
RTU-1	GLOBAL PLASMA SOLUTIONS	GPS-FC48-AC	5,000	1,400	2	RTU-1	115	10 W	1,2,3,4
RTU-2	GLOBAL PLASMA SOLUTIONS	GPS-FC48-AC	5,000	1,400	2	RTU-2	115	10 W	1,2,3,4
RTU-3	GLOBAL PLASMA SOLUTIONS	GPS-FC48-AC	2,000	0	1	RTU-3	115	10 W	1,2,3,4
RTU-4	GLOBAL PLASMA SOLUTIONS	GPS-FC48-AC	2,000	0	1	RTU-4	115	10 W	1,2,3,4
RTU-5	GLOBAL PLASMA SOLUTIONS	GPS-FC48-AC	1,000	50	1	RTU-5	115	10 W	1,2,3,4
RTU-6	GLOBAL PLASMA SOLUTIONS	GPS-FC48-AC	2,000	150	1	RTU-6	115	10 W	1,2,3,4
RTU-7	GLOBAL PLASMA SOLUTIONS	GPS-FC48-AC	1,200	90	1	RTU-7	115	10 W	1,2,3,4
RTU-8	GLOBAL PLASMA SOLUTIONS	GPS-FC48-AC	1,800	305	1	RTU-8	115	10 W	1,2,3,4
RTU-9	GLOBAL PLASMA SOLUTIONS	GPS-FC48-AC	2,000	400	1	RTU-9	115	10 W	1,2,3,4
RTU-10	GLOBAL PLASMA SOLUTIONS	GPS-FC48-AC	2,000	40	1	RTU-10	115	10 W	1,2,3,4
RTU-11	GLOBAL PLASMA SOLUTIONS	GPS-FC48-AC	1,200	100	1	RTU-11	115	10 W	1,2,3,4
RTU-12	GLOBAL PLASMA SOLUTIONS	GPS-FC48-AC	2,000	180	1	RTU-12	115	10 W	1,2,3,4
RTU-13	GLOBAL PLASMA SOLUTIONS	GPS-FC48-AC	1,200	40	1	RTU-13	115	10 W	1,2,3,4
IHP-1	GLOBAL PLASMA SOLUTIONS	GPS-FC24-AC	300	0	1	IHP-1	115	8 W	1,2,3,4
IHP-3	GLOBAL PLASMA SOLUTIONS	GPS-FC24-AC	300	0	1	IHP-3	115	8 W	1,2,3,4
1. MOUNT WHERE INDICATED ON SCHEDULE. 2. MUST PASS UL-867-2007 OZONE CHAMBER TEST BY UL OR ETL. 3. PROVIDE WITH INTEGRAL BAS ALARM CONTACTS. 4. PROVIDE WITH INTEGRAL SELF-CLEANING SYSTEM.									

WALL HEATER SCHEDULE

MARK	BASIS OF DESIGN		KW	BTU/Hr	AMPS	ELECTRICAL		NOTES	
	MANUFACTURER	MODEL				VOLTAGE	PHASE		HZ
WH-1	MAWLEY	QWH1100DSF	1.0	3,413	8.4	115	1	60	1,2,3
2. DISCONNECT SWITCH 3. INTERNAL THERMOSTAT SET AT 60°F									

ENERGY RECOVERY VENTILATOR SEQUENCE OF OPERATION

IMPLEMENT THE FOLLOWING AIR SYSTEM CONTROL STRATEGIES IN THE CONTROLLER FOR ERV-1

UNOCCUPIED MODE  
THE SPACE TEMPERATURE SHALL BE MAINTAINED AT 75°F (ADJUSTABLE) WITH A MAXIMUM RELATIVE HUMIDITY OF 50% (ADJUSTABLE).

THE SUPPLY FAN AND EXHAUST FAN SHALL RUN CONTINUOUSLY. THE COOLING COIL, HOT GAS REHEAT COIL, AND GAS HEATER WILL CYCLE ON/OFF AS REQUIRED TO MAINTAIN SPACE TEMPERATURE AND HUMIDITY LEVEL.

UNOCCUPIED MODE  
THE SPACE TEMPERATURE SHALL BE MAINTAINED AT 75°F (ADJUSTABLE) WITH A MAXIMUM RELATIVE HUMIDITY OF 50% (ADJUSTABLE).

THE SUPPLY FAN, EXHAUST FAN, COOLING COIL, HOT GAS REHEAT COIL, AND GAS HEATER WILL CYCLE ON/OFF AS REQUIRED TO MAINTAIN SPACE TEMPERATURE AND HUMIDITY LEVEL.

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## ENERGY RECOVERY VENTILATOR SEQUENCE OF OPERATIONS

IMPLEMENT THE FOLLOWING AIR SYSTEM CONTROL STRATEGIES IN THE CONTROLLER FOR ERV-1

**OCCUPIED MODE:**  
THE SPACE TEMPERATURE SHALL BE MAINTAINED AT 75°F (ADJUSTABLE) WITH A MAXIMUM RELATIVE HUMIDITY OF 50% (ADJUSTABLE).

THE SUPPLY FAN AND EXHAUST FAN SHALL RUN CONTINUOUSLY. THE COOLING COIL, HOT GAS REHEAT COIL, AND GAS HEATER WILL CYCLE ON/OFF AS REQUIRED TO MAINTAIN SPACE TEMPERATURE AND HUMIDITY LEVEL.

**UNOCCUPIED MODE:**  
THE SPACE TEMPERATURE SHALL BE MAINTAINED AT 75°F (ADJUSTABLE) WITH A MAXIMUM RELATIVE HUMIDITY OF 50% (ADJUSTABLE).

THE SUPPLY FAN, EXHAUST FAN, COOLING COIL, HOT GAS REHEAT COIL, AND GAS HEATER WILL CYCLE ON/OFF AS REQUIRED TO MAINTAIN SPACE TEMPERATURE AND HUMIDITY LEVEL.



AUGUSTA GA BOARD OF COMMISSIONERS  
535 TELFAR STREET, AUGUSTA, GA 30901

HENRY BRIGHAM COMMUNITY  
CENTER

PROJECT LOCATION  
2483 GOLDEN CAMP RD, C. AUGUSTA, GA 30908



DESCRIPTION
0. 02/21/2022
1. 02/21/2022
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PROJECT NO.	3042 2005
DRAWN BY:	MNB
CHECKED BY:	CWW
DATE:	02/21/2022
SHEET TITLE:	HVAC SCHEDULES

SCALE	AS NOTED
DRAWING NO.	M-201
REV.	0

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KITCHEN HOOD SCHEDULE											
BASIS OF DESIGN			HOOD TYPE	EXHAUST HOOD			SUPPLY PLENUM			MATERIAL OF CONSTRUCTION	NOTES
MARK	MANUFACTURER	MODEL		CFM	LENGTH (IN)	WIDTH (IN)	CFM	LENGTH (IN)	WIDTH (IN)		
KH-1	GREENHECK	GHEW	TYPE 1	1,400	84	42	1,120	96	14	430 SS	1,2,3,4,5,6,7,8,9

1. NFS LABEL
3. COMPLY WITH NFPA 96
5. 120V CFL LIGHTS
7. FURNISH WITH WET CHEMICAL FIRE SUPPRESSION SYSTEM. ANSUL R-102 OR EQUAL.
8. PROVIDE WITH HOOD MOUNTED TEMPERATURE INTERLOCK
2. UL LABEL
4. HOOD MOUNTED UTILITY CABINET
6. EXTERNAL SUPPLY AIR CURTAIN
9. PROVIDE KITCHEN FAN CONTROL CENTER

KITCHEN EXHAUST FAN SCHEDULE												
MARK	BASIS OF DESIGN		TYPE	E.S.P.	NOM. CFM	SONES	ELECTRICAL				NOTES	
	MANUFACTURER	MODEL					FRPM MAX	MOTOR POWER	VOLTAGE	PHASE		HZ
KEF-1	GREENHECK	CUE-130-VG	ROOF	0.64	1,400	12.5	1,450	1/2 HP	115	1	60	1,2,3,4

1. INTERLOCK WITH KITCHEN HOOD, KH-1
2. PROVIDE VENTED ROOF CURB
3. PROVIDE WITH DISCONNECT
4. EC MOTOR

KITCHEN SUPPLY FAN SCHEDULE																							
BASIS OF DESIGN			TYPE	E.S.P.	NOM. CFM	COOLING			HEATING				ELECTRICAL						NOTES				
MARK	MANUFACTURER	MODEL				TOTAL (MBH)	SENSIBLE (MBH)	EAT (DBWB)	LAT (DBWB)	MIN. EER	INPUT (MBH)	OUTPUT (MBH)	EAT (DB)	LAT (DB)	SONES	FPM MAX	MOTOR POWER	MCA		MCCP	VOLTAGE	PHASE	HZ
KSF-1	GREENHECK	GDG-P112-H12-MF-5	ROOF	0.34	1,120	60.3	35.3	84/76	65/62	13.2	64.4	59.3	21	70	11.8	1,662	1/2 HP	27.6	40	208	3	60	1,2,3,4,5,6,7
1. INTERLOCK WITH KITCHEN HOOD, KH-1			3. PROVIDE ROOF CURB			5. PROVIDE WITH DISCONNECT			7. ALUMINUM MESH WEATHERHOOD														
2. DOWNFLOW CONFIGURATION			4. PROVIDE BACKDRAFT DAMPER			6. EC MOTOR																	

AIR CURTAIN SCHEDULE										
MARK	BASIS OF DESIGN		LENGTH	NOM. CFM	ELECTRICAL					NOTES
	MANUFACTURER	MODEL			MOTOR POWER	FLA	VOLTAGE	PHASE	HZ	
AC-1	MARS	STD236-TUA-OB	36"	1,379	1/2 HP	5.1	115	1	60	1.2

AIR DISTRIBUTION DEVICE SCHEDULE											
MARK	SIZE (INCHES)		MOUNTING		THROW	MATERIAL		DEVICE CONNECTION			NOTES
	FACE	NECK	CEILING	SIDEWALL		STEEL	ALUMINUM	1	2	3	
CD-1	46x22	NOTE 4	OPEN			X		X			1
EG-1	12x12	6x8	X		-	X				X	PAR 1
EG-2	24x24	6x8	X		-	X				X	PAR 1.2
EG-3	24x24	8x8	X		-	X				X	PAR 1.2
RG-1	24x24	6x8	X		-	X		X		X	PAR 1.2
RG-2	24x24	6x8	X		-	X		X		X	PAR 1.2
RG-3	24x24	10x10	X		-	X		X		X	PAR 1.2
RG-4	24x24	12x12	X		-	X		X		X	PAR 1.2
RG-5	24x24	22x22	X		-	X		X		X	PAR 5
RG-6	24x24	22x22	X		-	X		X		X	PAR 6
RG-7	24x24	-	X		-	X	X			X	SIF
SD-1	12x12	4"x	X		4	X		X		X	TMS 1
SD-2	24x24	6"x	X		4	X		X		X	TMS 1.2
SD-3	24x24	8"x	X		4	X		X		X	TMS 1.2
SD-4	24x24	10"x	X		4	X		X		X	TMS 1.2
SD-5	24x24	12x12	X		4	X			X	X	PAS 1.2
SD-6	28x12	28x12		X	1	X			X	X	30XRS 1,3,10
SD-7	48	12"x		X	1		X		X		PTH-15 1,7,8,9
TG-1	24x24	8x8	X		-	X				X	PAR 1

LEGEND

1. SYMBOL KEY - FIRST LETTER: S-SUPPLY, R-RETURN, E-EXHAUST, T-TRANSFER, D-DOOR, AND CONCENTRIC. SECOND LETTER: D-DIFFUSER, R-REGISTER AND G-GRILLE

2. CONNECTIONS - 1. ROUND DUCT TO ROUND NECK (DEVICE CONN. 2. ROUND DUCT TO RECTANGULAR NECK (COLUMN) 3. RECTANGULAR DUCT TO RECTANGULAR NECK

3. FIELD PAINT ALL SUPPLIES AND RETURNS TO MATCH CEILING AND/OR WHITE FINISH OTHERWISE.

4. 1, 2, 3 AND 4-WAY AND DOUBLE DEFLECTION (DD) AIR DEVICES ARE INDICATED IN "THROW" COLUMN

1. DUCT RUNOUT SIZE SAME AS NECK CONNECTION SIZE, U.N.O.

3. OPPOSED BLADE DAMPER

5. SEE DETAIL 1M-301

7. 1 SLOT, 1.5" WIDTH, INSULATED PLENUM

9. JET THROW PATTERN CONTROLLER

2. PROVIDE R4 FOL BACKED INSULATION

4. SA NECK: 18"0 RA NECK: 18"0

6. SEE DETAIL 2M-301

8. MOUNT BOTTOM OF SLOT DIFFUSER 11"0" A.F.F.

10. MOUNT BOTTOM OF GRILLE 17"4" A.F.F.

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GA  
AUGUSTA GA BOARD OF COMMISSIONERS  
535 TELFAIR STREET, AUGUSTA, GA 30901

PROJECT NAME  
HENRY BRIGHAM COMMUNITY  
CENTER

PROJECT LOCATION  
2463 GOLDEN CAMP RD C, AUGUSTA, GA 30908



Professional Seal of John P. Johnson, License No. 2-21-22, State of Georgia

PROJECT NO.	3042-2005
DRAWN BY:	MNB
CHECKED BY:	CVW
DATE:	02/21/2022
SHEET TITLE:	HVAC SCHEDULES

SCALE	AS NOTED
DRAWING NO.	M-202
REV:	0

PROJECT NO. 3042-2005

DRAWN BY: MNB

CHECKED BY: CVW

DATE: 02/21/2022

SHEET TITLE: HVAC SCHEDULES

SCALE: AS NOTED

DRAWING NO. M-202

REV: 0

PROJECT NO. 3042-2005

DRAWN BY: MNB

CHECKED BY: CVW

DATE: 02/21/2022

SHEET TITLE: HVAC SCHEDULES

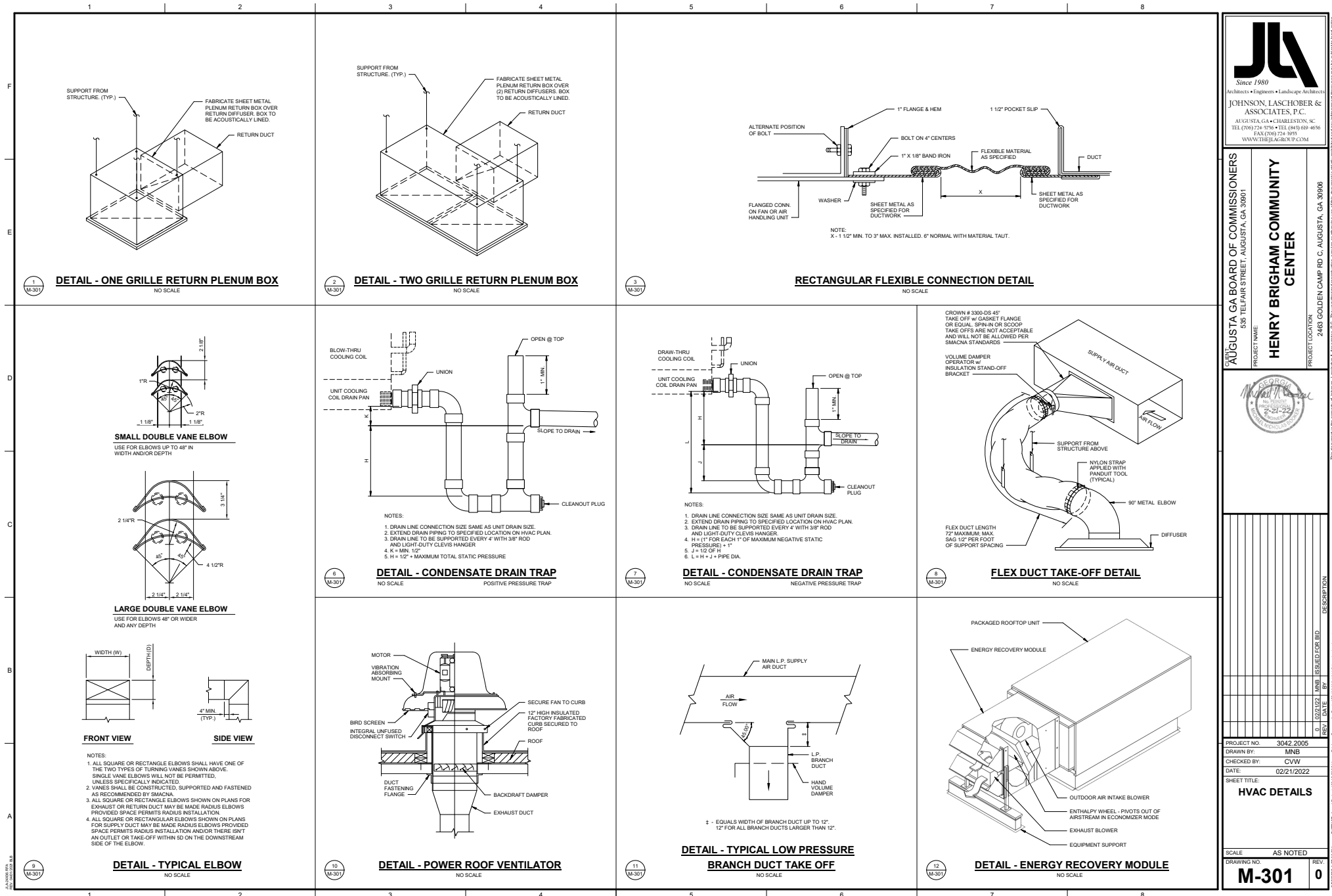
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PROJECT NAME

HENRY BRIGHAM COMMUNITY CENTER

PROJECT LOCATION

2408 GOLDEN CAMP RD C. AUGUSTA, GA 30908

AS NOTED

2-21-22

REVISED

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NO.	DESCRIPTION
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PROJECT NO: 3042 2005

DRAWN BY: MNB

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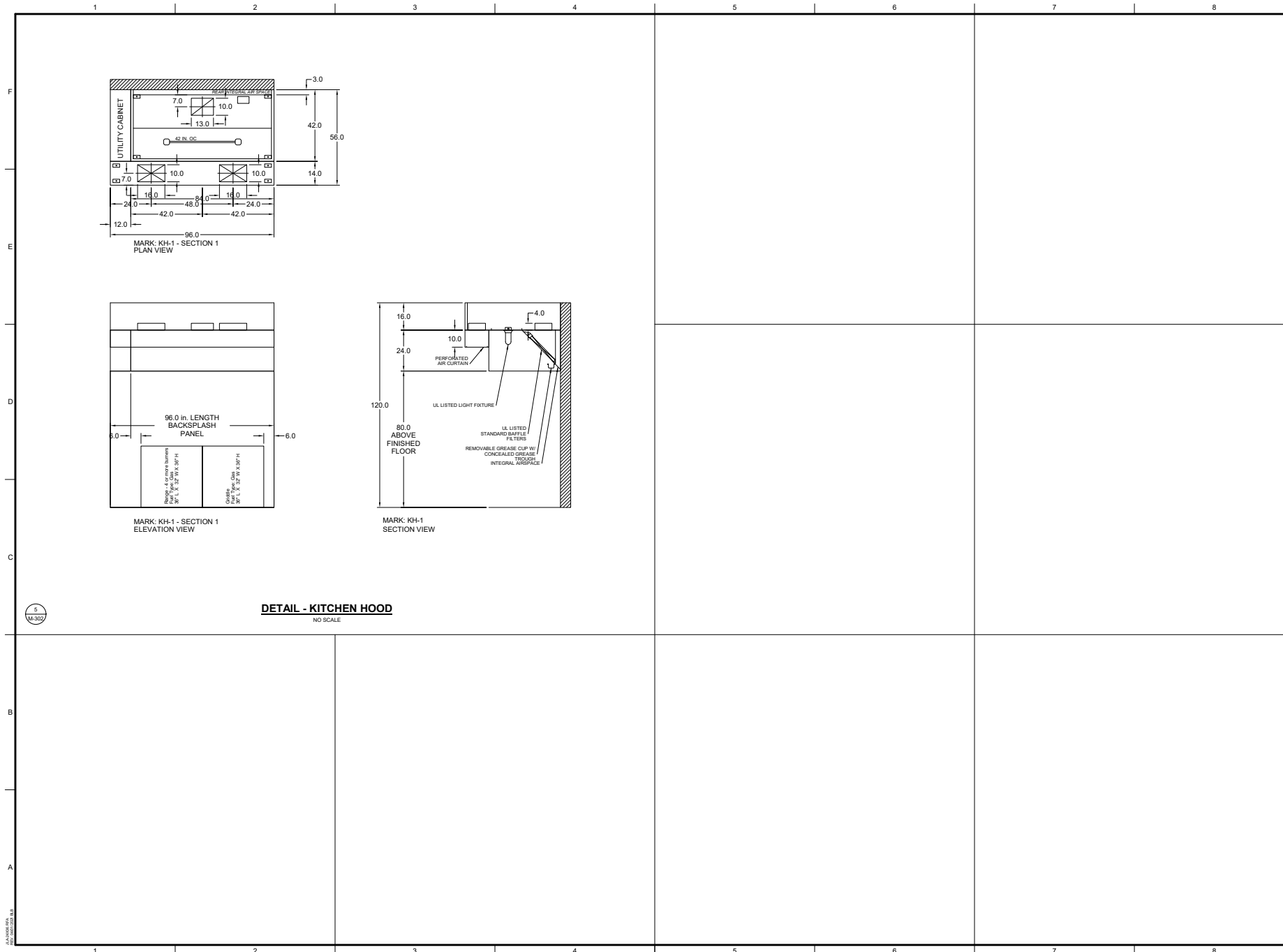
SHEET TITLE: HVAC DETAILS

SCALE: AS NOTED

DRAWING NO: M-301

REV: 0





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**PROJECT NAME**  
**HENRY BRIGHAM COMMUNITY CENTER**  
**PROJECT LOCATION**  
2468 GOLDEN CAMP RD C, AUGUSTA, GA 30908

**RECEIVED**  
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CHECKED BY: CVW  
DATE: 02/21/2022  
SHEET TITLE:  
**HVAC DETAILS**

SCALE AS NOTED  
DRAWING NO. **M-302**  
REV: **0**

AL-2005-010  
REV 02/21/22

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ELECTRICAL GENERAL NOTES:

GENERAL  
THESE GENERAL NOTES PRESENT AND/OR SUMMARIZE KEY PRODUCT INFORMATION FOR THE PLAN REVIEWER'S CONVENIENCE. SEE PLANS AND SPECIFICATIONS FOR FURTHER REQUIREMENTS.

WORK COVERED BY THIS DOCUMENT SHALL INCLUDE ALL LABOR, MATERIAL, PRODUCTS, AND SERVICES FOR, AND INCIDENTAL TO, INSTALLATION OF COMPLETE AND OPERATING ELECTRICAL SYSTEMS DRAWN OR SPECIFIED.

ALL WORK SHALL CONFORM TO ALL APPLICABLE FEDERAL, STATE AND LOCAL CODES INCLUDING, BUT NOT LIMITED TO, THE NATIONAL ELECTRICAL CODE (NFPA 70). ALL MATERIALS SHALL BE NEW AND UL LISTED/LABELED AS APPROPRIATE. FINAL LOCATIONS FOR ROUGH-INS SHALL BE VERIFIED WITH ACTUAL EQUIPMENT BEING CONNECTED. SUPPORT AND ATTACH ELECTRICAL EQUIPMENT IN ACCORDANCE WITH SEISMIC CONDITIONS AS DETERMINED BY THE STRUCTURAL ENGINEER/BUILDING DESIGNER AND THE INTERNATIONAL BUILDING CODE 2012. AFTER COMPLETING INSTALLATION, REMOVE BURRS, DIRT, AND CONSTRUCTION DEBRIS FROM ALL ELECTRICAL WORK.

COORDINATE OUTLET LOCATIONS WITH ARCHITECTURAL PLANS, ELEVATIONS AND DETAILS.

COORDINATE HVAC AND PLUMBING EQUIPMENT LOCATIONS WITH MECHANICAL PLANS, ELEVATIONS AND DETAILS.

CONTRACTOR TO COORDINATE SERVICE AND METERING INSTALLATION REQUIREMENTS, A/C RATING, AND PANEL SCCR WITH UTILITY COMPANY PRIOR TO BID AND INSTALLATION.

COORDINATE SIGNAL SERVICE REQUIREMENTS WITH SERVING UTILITY.

ELECTRICAL INSTALLATION SHALL BE SEISMIC BRACED PER APPLICABLE SECTIONS OF THE STANDARD BUILDING CODE.

CONSULT MANUFACTURERS' SHOP DRAWINGS FOR REQUIREMENTS AND EXACT LOCATION OF ELECTRICAL CONNECTIONS FOR EQUIPMENT FURNISHED BY OTHERS. BRANCH-CIRCUIT WIRING SHALL MEET ALL REQUIREMENTS OF THE EQUIPMENT MANUFACTURER.

SIZE DISCONNECT SWITCHES AND OVERCURRENT PROTECTION IN ACCORDANCE WITH THE EQUIPMENT MANUFACTURERS' RECOMMENDATIONS AND THE N.E.C.

SIZE FUSES IN ACCORDANCE WITH THE EQUIPMENT MANUFACTURERS' RECOMMENDATIONS AND THE N.E.C.

INSTALL JUNCTION BOXES, CONDUIT BODIES, AND HANDHOLE ENCLOSURES SUCH THAT WIRING WITHIN IS ACCESSIBLE IN ACCORDANCE WITH NEC 314.29.

MOUNTING HEIGHT DIMENSIONS FOR WIRING DEVICES ARE FROM THE FINISHED FLOOR UP TO THE CENTER OF THE OUTLET BOX.

CENTER OUTLETS HORIZONTALLY IN ARCHITECTURAL FEATURES.

DO NOT SCALE DRAWINGS. DEVICE LOCATIONS ARE APPROXIMATE UNLESS DIMENSIONED. ACTUAL DEVICE LOCATIONS SHALL BE FIELD COORDINATED WITH ALL OTHER TRADES AND APPLICABLE CODES.

INSTALL PHOTO CELLS ABOVE ROOF. ORIENT TO NORTHERN EXPOSURE AND SHIELD FROM EXTRANEOUS LIGHT. PROVIDE FLASHING AND SEAL ROOF PENETRATIONS(S).

INSTALL ADDITIONAL BRANCH-CIRCUIT CONDUCTORS TO PROVIDE UN-SWITCHED CONNECTION TO EACH EMERGENCY FIXTURE BATTERY.

DO NOT USE COMMON NEUTRALS FOR MULTI-WIRE CIRCUITS. INSTALL A NEUTRAL FOR EACH PHASE.

ALL CONDUCTORS SHALL BE NO SMALLER THAN #12.

ALL SIGNAL RACEWAYS SHALL BE 3/4" DIA. MIN. UNLESS OTHERWISE NOTED.

GENERAL CONTRACTOR TO PROVIDE ACCESS PANELS FOR ALL INACCESSIBLE, ABOVE-CEILING ELECTRICAL EQUIPMENT AND JUNCTION BOXES PER NEC SECTION 314.29. COORDINATE LOCATIONS WITH ARCHITECT PRIOR TO INSTALLATION.

APPLICABLE CODES AND STANDARDS

CODES AND STANDARDS	EDITION
INTERNATIONAL BUILDING CODE (IBC)	2018
NFPA 70 NATIONAL ELECTRICAL CODE (NEC)	2020
INTERNATIONAL ENERGY CONSERVATION CODE (IECC)	2015
NFPA 72 NATIONAL FIRE ALARM AND SIGNALING CODE	2019
NFPA 780 INSTALLATION OF LIGHTNING PROTECTION SYSTEMS	2020

CONDUCTORS

INSULATION SHALL COMPLY WITH NEMA WC 5. CONDUCTORS #8 AWG AND LARGER SHALL BE CONCENTRIC STRANDED. CONDUCTORS #10 AND SMALLER SHALL BE SOLID.

TYPE AND INSULATION (SERVICE): COPPER, TYPE THWN  
TYPE AND INSULATION (FEEDER): COPPER, TYPE THHN/THWN  
TYPE AND INSULATION (BRANCH): COPPER, TYPE THHN/THWN  
COPPER, TYPE MC

COLOR CODING (208/120 V, 3Ø): A-BLACK, B-RED, C-BLUE, N-WHITE, G-GREEN

RACEWAYS

CONDUIT BODIES AND FITTINGS FOR RIGID METAL CONDUIT SHALL BE CAST THREADED TYPE. CONDUIT FITTINGS FOR ELECTRICAL METALLIC TUBING SHALL BE COMPRESSION TYPE. INSTALL 200 & NYLON PULL CORD IN ALL EMPTY RACEWAYS FOR FUTURE USE. APPLY FIRESTOPPING TO ELECTRICAL PENETRATIONS OF FIRE-RATED FLOOR AND WALL ASSEMBLIES TO RESTORE ORIGINAL FIRE-RESISTANCE RATING OF ASSEMBLY.

OUTDOORS EXPOSED: RIGID GALVANIZED STEEL CONFORMING TO ANSI C80.5  
OUTDOORS UNDERGROUND: RIGID NONMETALLIC CONDUIT (SCHEDULE 40 PVC) CONFORMING TO NEMA TC-2

OUTDOORS CONNECTED TO VIBRATING OR MOTORIZED EQUIPMENT: LIQUIDTIGHT FLEXIBLE METAL CONDUIT CONFORMING TO UL 980

INDOORS CONCEALED: ELECTRICAL METALLIC TUBING CONFORMING TO ANSI C80.3  
INDOORS EXPOSED: ELECTRICAL METALLIC TUBING CONFORMING TO ANSI C80.3

INDOORS CONNECTED TO VIBRATING OR MOTORIZED EQUIPMENT: FLEXIBLE METALLIC CONDUIT CONFORMING TO UL 1

OUTLET BOXES

BOXES SHALL COMPLY WITH NEMA OS 1 AND SHALL BE SHEET METAL TYPE WITH PLASTER RING IN DRY LOCATIONS. BOXES SHALL COMPLY WITH NEMA FB 1 AND SHALL BE CAST METAL TYPE FD WITH GASKETED COVER IN DAMP OR WET LOCATIONS.

PULL AND JUNCTION BOXES

BOXES SHALL BE HOT-DIP GALVANIZED STEEL. BOX COVERS SHALL BE GASKETED TYPE WITH SCREWED OR BOLTED FASTENERS.

WIRING DEVICES

DEVICES SHALL COMPLY WITH NEMA WD 1 AND WD 6. DEVICES SHALL BE COMMERCIAL SPECIFICATION GRADE OR BETTER. ALL DEVICES SHALL BE OF THE GROUNDING TYPE. DEVICES SHALL BE MOUNTED FLUSH WITH THE LONG DIMENSION VERTICAL AND GROUNDING TERMINAL OF RECEPTACLES OR TOP.

SWITCHES SHALL BE QUIET TYPE, RATED 20 AMPERES AT 120/277 VOLTS, GROUND FAULT CIRCUIT INTERRUPTERS SHALL BE FEED-THROUGH TYPE, WEATHERPROOF COVERS SHALL BE PROVIDED IN DAMP OR WET LOCATIONS. PROGRAM OCCUPANCY SENSORS FOR FIFTEEN MINUTES WITH MEDIUM SENSITIVITY. TRAIN OWNER TO ADJUST TIME AND SENSITIVITY.

DEVICE COLOR: SELECTED BY ARCHITECT

DEVICE COVER: SMOOTH PLASTIC WITH COLOR TO MATCH DEVICE COLOR

ELECTRICAL IDENTIFICATION

IN ADDITION TO CODE-REQUIRED LABELING, ALL PANELBOARDS, ELECTRICAL ENCLOSURES, TRANSFORMERS, AND DISCONNECT SWITCHES SHALL BE IDENTIFIED WITH AN ENGRAVED PLASTIC LAMINATED NAMEPLATE. LETTERING SHALL BE 1/2" INCHES HIGH AND SHALL BE WHITE ON A BLACK BACKGROUND. NAMEPLATES SHALL BE ATTACHED TO EQUIPMENT WITH STAINLESS STEEL SELF-TAPPING SCREWS. CONTRACTOR TO COORDINATE WITH THE UTILITY COMPANY TO DETERMINE THE AVAILABLE FAULT CURRENT AT THE PANEL LOCATION SHOWN ON THE DRAWINGS. CONTRACTOR TO PROVIDE ELECTRICAL EQUIPMENT WITH A/C RATINGS OVER THE CALCULATED FAULT CURRENT. CALCULATED FAULT CURRENT SHALL BE LISTED ON EACH PIECE OF ELECTRICAL EQUIPMENT. CONTRACTOR TO PROVIDE AND AFFIX AND FLASH WARNING LABELS ON ALL ELECTRICAL SWITCHBOARDS, PANELBOARDS, MOTOR CONTROL CENTERS, LOAD CENTERS, DISCONNECTS AND ENCLOSED CIRCUIT BREAKERS PER NEC ARTICLE 110.16.

GROUNDING

GROUNDING AND BONDING COMPONENTS SHALL COMPLY WITH UL 467. AN INSULATED EQUIPMENT-GROUNDING CONDUCTOR SHALL BE INSTALLED WITH CIRCUIT CONDUCTORS FOR ALL FEEDER AND BRANCH CIRCUITS. EXOTHERMIC WELDED CONNECTIONS SHALL BE USED FOR ATTACHMENT TO STRUCTURAL STEEL AND UNDERGROUND CONNECTIONS. GROUNDING ELECTRODES SHALL BE 3/4" x 10' COPPERWELD TYPE.

SERVICE GROUNDING

INSTALL TWO (2) GROUND RODS FOR SERVICE ENTRANCE UNLESS INSTALLED PRIMARY GROUND ROD IS TESTED AND FOUND TO HAVE A RESISTANCE TO GROUND OF 25 OHMS OR LESS IN ACCORDANCE WITH NFPA 70 250.150(d).

GROUNDING EQUIPMENT

FOR INDICATED EQUIPMENT (OTHER THAN SERVICE ENTRANCE EQUIPMENT) INSTALL ONE (1) GROUND ROD TO ACT AS AN AUXILIARY GROUNDING ELECTRODE AND BOND TO THE EQUIPMENT GROUNDING CONDUCTOR (EGC) FOR THAT EQUIPMENT. IN ACCORDANCE WITH NFPA 70 250.154 AND 250.118.

PANELBOARDS

PANELBOARDS SHALL COMPLY WITH NEMA PB 1. SHOP DRAWINGS FOR EACH PANELBOARD SHALL BE SUBMITTED AND SHALL INCLUDE BUS CONFIGURATION AND CURRENT RATINGS, OVERCURRENT DEVICE ARRANGEMENT AND SETTINGS, AND PANELBOARD SHORT-CIRCUIT RATING. PHASE AND NEUTRAL BUSES SHALL BE COPPER. AN EQUIPMENT GROUND BUS SHALL BE PROVIDED AND SHALL BE BONDED TO THE PANEL BOX. PANELBOARDS WITH A MAIN SERVICE DISCONNECT SHALL BE LISTED FOR USE AS SERVICE EQUIPMENT. PANELBOARD TRIM SHALL BE BOLT-ON TYPE. CIRCUIT BREAKERS SHALL BE BOLT-ON TYPE. CIRCUIT BREAKERS SHALL BE LISTED FOR SWD, HD OR HACR USE AS APPROPRIATE. MULTI-POLE CIRCUIT BREAKERS SHALL HAVE A COMMON TRIP. TANDEM CIRCUIT BREAKERS SHALL NOT BE USED. FILLER PLATES SHALL BE INSTALLED IN UNUSED SPACES. A TYPED CIRCUIT DIRECTORY SHALL BE INSTALLED ON THE INSIDE OF THE PANELBOARD DOOR.

FUSES

FUSES SHALL BE NEMA FU 1 CARTRIDGE TYPE. VOLTAGE RATING SHALL BE CONSISTENT WITH CIRCUIT VOLTAGE. ARRANGE FUSES IN FUSIBLE DEVICES SO FUSE RATINGS ARE READABLE WITHOUT REMOVING FUSE. INSTALL TYPEWRITTEN LABELS ON INSIDE DOOR OF EACH FUSIBLE DEVICE TO INDICATE FUSE REPLACEMENT INFORMATION.

MOTOR FEEDER AND BRANCH CIRCUITS: UL CLASS RK3, TIME DELAY

OTHER FEEDER AND BRANCH CIRCUITS: UL CLASS RK1, NON-TIME DELAY

DISCONNECT SWITCHES

SWITCHES SHALL BE FUSED OR NONFUSED NEMA JS 1 TYPE HD. SWITCHES SHALL BE HANDLE LOCKABLE AND INTERLOCKED WITH COVER IN CLOSED POSITION. ENCLOSURES SHALL BE NEMA TYPE 1 IN INDOOR LOCATIONS AND NEMA TYPE 3R IN OUTDOOR LOCATIONS. HVAC EQUIPMENT DISCONNECTS ARE TO BE CONSIDERED ELECTRICAL EQUIPMENT AND SHALL BE INSTALLED TO MAINTAIN WORKING SPACE PER NEC ARTICLE 110.26.

INTERIOR LIGHTING

FIXTURE MOUNTING HARDWARE AND TRIM SHALL BE COORDINATED WITH THE CEILING SYSTEM. RECESSED FIXTURES SHALL BE SUPPORTED FROM THE BUILDING STRUCTURAL SYSTEM. FLUORESCENT FIXTURE BALLASTS SHALL BE CDM Labeled, CLASS P, SOUND RATING "A", ELECTRONIC, HIGH POWER FACTOR TYPE.

FIRE ALARM SYSTEM

EMERGENCY VOICE / ALARM COMMUNICATION SYSTEM (EVACS) SYSTEM COMPONENTS AND INSTALLATION SHALL CONFORM TO THE NATIONAL FIRE ALARM CODE (NFPA 72). ALL EXPOSED WIRING SHALL BE INSTALLED IN METALLIC RACEWAY. ALL CONCEALED WIRING SHALL BE INSTALLED IN METALLIC RACEWAY STUBBED ABOVE ACCESSIBLE CEILING.

VOICE AND DATA SYSTEMS

SYSTEM COMPONENTS AND INSTALLATION SHALL CONFORM TO CITY OF AUGUSTA'S 2020 NEW BUILDING AND CABLING GUIDELINES, IBC/ITA 568.6 AND 569.A. MAIN DISTRIBUTION FRAME, INTERMEDIATE DISTRIBUTION FRAME, AND CROSS-CONNECT RACKS SHALL BE WALL MOUNTED TYPE WITH "80" OR "110" STYLE TERMINALS. WORKSTATION JACKS SHALL BE TYPE RJ-45.

TELEPHONE BOARD

TELEPHONE BOARD 48" x 96" x 3/4" SHEET OF FIRE TREATED PLYWOOD. PROVIDE BACKBOARD ON WALLS AS INDICATED ON PLANS. PROVIDE GROUNDING BAR BUNNY 888142104 OR EQUIVALENT. BOND TO SERVICE ENTRANCE PANEL USING CU #6 AWG INSULATED WIRE. SYSTEM COMPONENTS AND INSTALLATION SHALL CONFORM TO CITY OF AUGUSTA'S 2020 NEW BUILDING AND CABLING GUIDELINES.

LIGHTNING PROTECTION SYSTEM

PROVIDE AND INSTALL COMPLETE LIGHTNING PROTECTION SYSTEM. SYSTEM COMPONENTS AND INSTALLATION SHALL CONFORM TO NFPA 780.

ELECTRICAL SYMBOLS:

NEW	
	EXIT / MESSAGE SIGN - SHADING INDICATES FACE(S)
	2 x 4 FIXTURE
	2X4 FIXTURE W/ EMERGENCY BATTERY PACK
	DOWN LIGHT FIXTURE
	DOWN LIGHT FIXTURE W/ EMERGENCY BATTERY PACK
	PENDANT MOUNTED LIGHT FIXTURE
	PENDANT MOUNTED LIGHT FIXTURE W/ EMERGENCY BATTERY PACK
	SURFACE MOUNTED STRIP FIXTURE
	UNDERCOUNTER LIGHT FIXTURE
	WALL MOUNTED REMOTE HEAD
	SPST TOGGLE SWITCH 48" UP
	THREE WAY TOGGLE SWITCH 48" UP
	FOUR WAY TOGGLE SWITCH 48" UP
	WALL MOUNTED DIMMER SWITCH 48" UP
	SPST KEY OPERATED SWITCH 48" UP
	THREE WAY TOGGLE / DIMMER SWITCH 48" UP
	GENERATOR REMOTE ANNUNCIATOR PANEL
	CEILING MOUNTED DUAL TECHNOLOGY OCCUPANCY SENSOR. TO BE WATTSTOPPER DT-300 OR EQUAL.
	WALL MOUNTED ULTRASONIC OCCUPANCY SENSOR 48" UP. TO BE WATTSTOPPER UW-100 OR EQUAL.
	NEMA 150R LOCKING DUPLEX CONVENIENCE OUTLET 18" UP
	DUPLEX CONVENIENCE OUTLET 18" UP
	DUPLEX CONVENIENCE OUTLET 48" UP OR 6" ABOVE COUNTER/BACKSPLASH
	DUPLEX CONVENIENCE OUTLET 48" UP OR 6" ABOVE COUNTER/BACKSPLASH
	DUPLEX CONVENIENCE OUTLET 18" UP WEATHERPROOF
	DUPLEX CONVENIENCE OUTLET 18" UP WEATHERPROOF
	DUPLEX CONVENIENCE OUTLET 18" UP WEATHERPROOF
	GROUND FAULT INTERRUPTER TYPE DUPLEX RECEPTACLE - CONCEAL BEHIND OR WITHIN ENCLOSURE OF ELECTRIC WATER COOLER.
	QUADRUPLEX CONVENIENCE OUTLET 18" UP
	DUPLEX CONVENIENCE OUTLET 18" UP, TAMPER-RESISTANT
	SPECIAL OUTLET - SEE SCHEDULE
	MOTOR - SEE SCHEDULE
	ELECTRICAL PANEL
	FUSIBLE DISCONNECT SWITCH
	TELEPHONE BOARD
	WALL MOUNTED DATA OUTLET 18" UP UNLESS NOTED WITH 3/4" E.C.
	FIRE ALARM CONTROL PANEL, EMERGENCY VOICE / ALARM COMMUNICATION SYSTEM
	REMOTE ANNUNCIATOR PANEL
	FIRE ALARM MANUAL PULL STATION, MOUNT 48" TO TOP OF BOX
	FIRE ALARM WALL MOUNTED AUDIO/VISUAL DEVICE 80" UP
	FIRE ALARM WALL MOUNTED VISUAL DEVICE 80" UP
	FIRE ALARM CEILING MOUNTED SMOKE DETECTOR
	FIRE ALARM CEILING MOUNTED HEAT DETECTOR
	FIRE ALARM DUCT MOUNTED SMOKE DETECTOR
	FIRE ALARM FLOW SWITCH
	FIRE ALARM TAMPER SWITCH
	GROUND ROD, 3/4" INCH X 10'-FEET, COPPER CLAD STEEL, TOP OF ROD DRIVEN TO 30" INCHES BELOW GRADE.
	LIGHTNING PROTECTION AIR TERMINAL
	WELDED CONNECTION
	GROUND CONDUCTOR
	GROUND CONDUCTOR VERTICAL TO LEVEL BELOW.

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535 TELFAIR STREET, AUGUSTA, GA 30901  
PROJECT NAME: **HENRY BRIGHAM COMMUNITY CENTER**  
PROJECT LOCATION: 2405 GOLDEN CAMP RD C, AUGUSTA, GA 30906

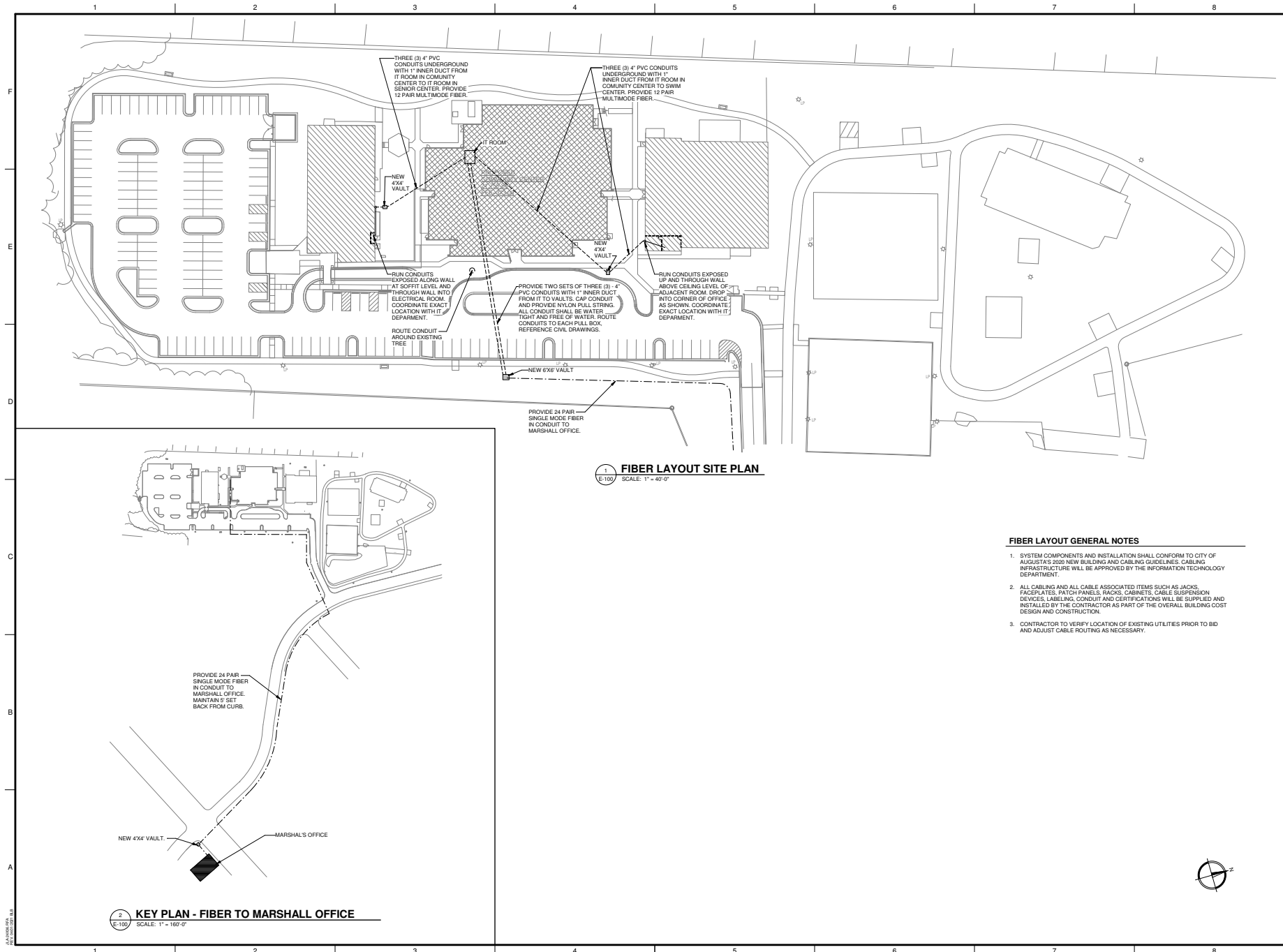
**GEORGIA**  
No. 100000  
PROFESSIONAL  
ENGINEER  
HOWARD J. WITT  
12/17/2020

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PROJECT NO: 3042-2005  
DRAWN BY: JAP  
CHECKED BY: HJW  
DATE: 02/21/2022  
SHEET TITLE: **ELECTRICAL NOTES AND SYMBOLS**

SCALE: AS NOTED  
DRAWING NO: **E-001**  
REV: 0





1 FIBER LAYOUT SITE PLAN  
SCALE: 1" = 40'-0"

FIBER LAYOUT GENERAL NOTES

1. SYSTEM COMPONENTS AND INSTALLATION SHALL CONFORM TO CITY OF AUGUSTA'S 2020 NEW BUILDING AND CABLING GUIDELINES. CABLING INFRASTRUCTURE WILL BE APPROVED BY THE INFORMATION TECHNOLOGY DEPARTMENT.
2. ALL CABLING AND ALL CABLE ASSOCIATED ITEMS SUCH AS JACKS, FACEPLATES, PATCH PANELS, RACKS, CABINETS, CABLE SUSPENSION DEVICES, LABELING, CONDUIT AND CERTIFICATIONS WILL BE SUPPLIED AND INSTALLED BY THE CONTRACTOR AS PART OF THE OVERALL BUILDING COST DESIGN AND CONSTRUCTION.
3. CONTRACTOR TO VERIFY LOCATION OF EXISTING UTILITIES PRIOR TO BID AND ADJUST CABLE ROUTING AS NECESSARY.

2 KEY PLAN - FIBER TO MARSHALL OFFICE  
SCALE: 1" = 160'-0"

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**PROJECT NAME**  
**HENRY BRIGHAM COMMUNITY CENTER**  
**PROJECT LOCATION**  
2468 GOLDEN CAMP RD C, AUGUSTA, GA 30906

**GEORGIA**  
REGISTERED PROFESSIONAL ENGINEER  
HOWARD J. WITT  
02/21/2022

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PROJECT NO.	3042-2005
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SHEET TITLE:  
**FIBER LAYOUT SITE PLAN**

SCALE: AS NOTED  
DRAWING NO. **E-100**  
REV: 0

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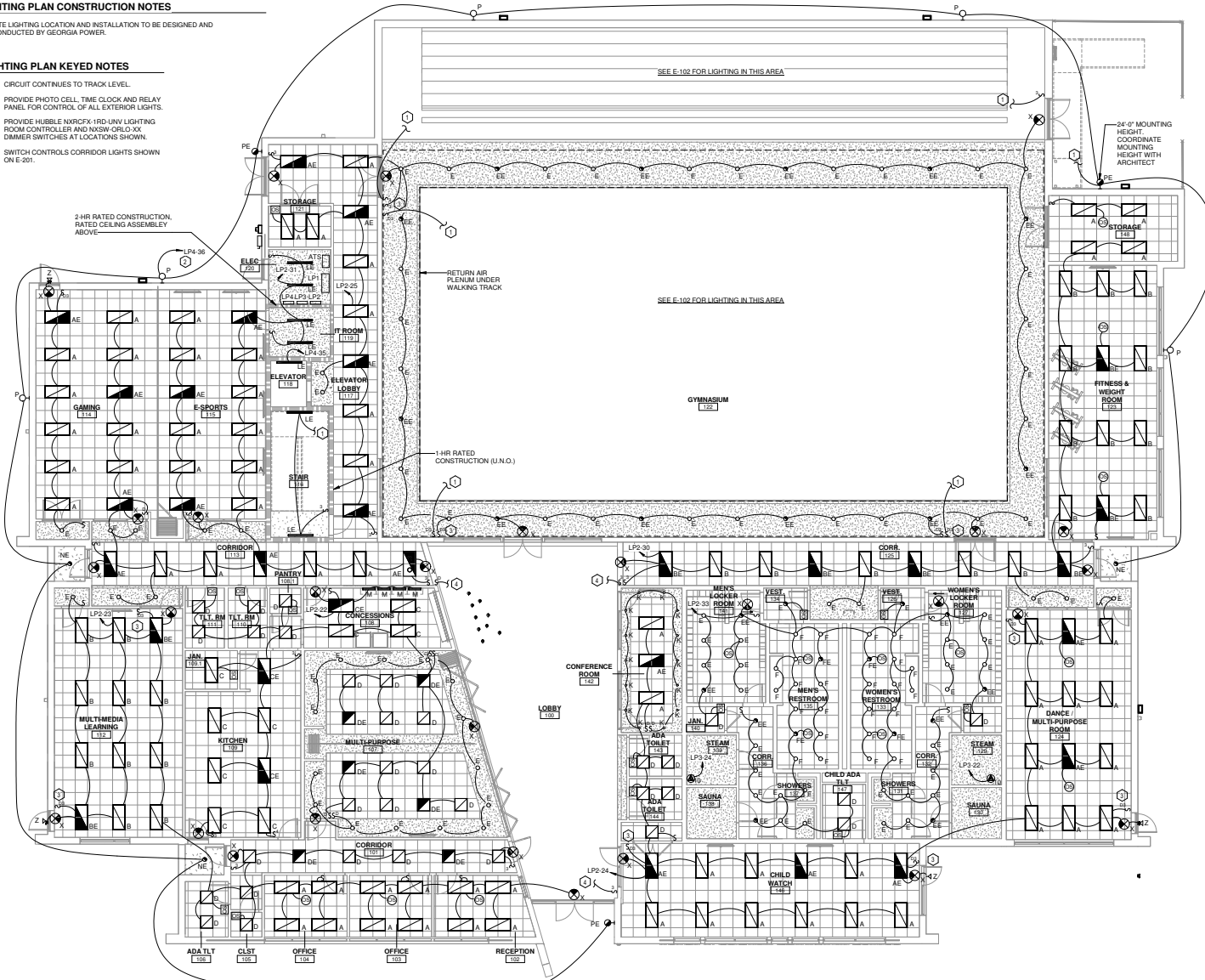


# **LIGHTING PLAN CONSTRUCTION NOTES**

1. SITE LIGHTING LOCATION AND INSTALLATION TO BE DESIGNED AND CONDUCTED BY GEORGIA POWER.

## **LIGHTING PLAN KEYED NOTES**

1. CIRCUIT CONTINUES TO TRACK LEVEL.
2. PROVIDE PHOTO CELL, TIME CLOCK AND RELAY PANEL FOR CONTROL OF ALL EXTERIOR LIGHTS.
3. PROVIDE HUBBLE NXRCPK 180-UNV LIGHTING ROOM CONTROLLER AND NXRCPK 050-0-XX DIMMER SWITCHES AT LOCATIONS SHOWN.
4. SWITCH CONTROLS CORRIDOR LIGHTS SHOWN ON E-201.



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

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**PROJECT LOCATION**  
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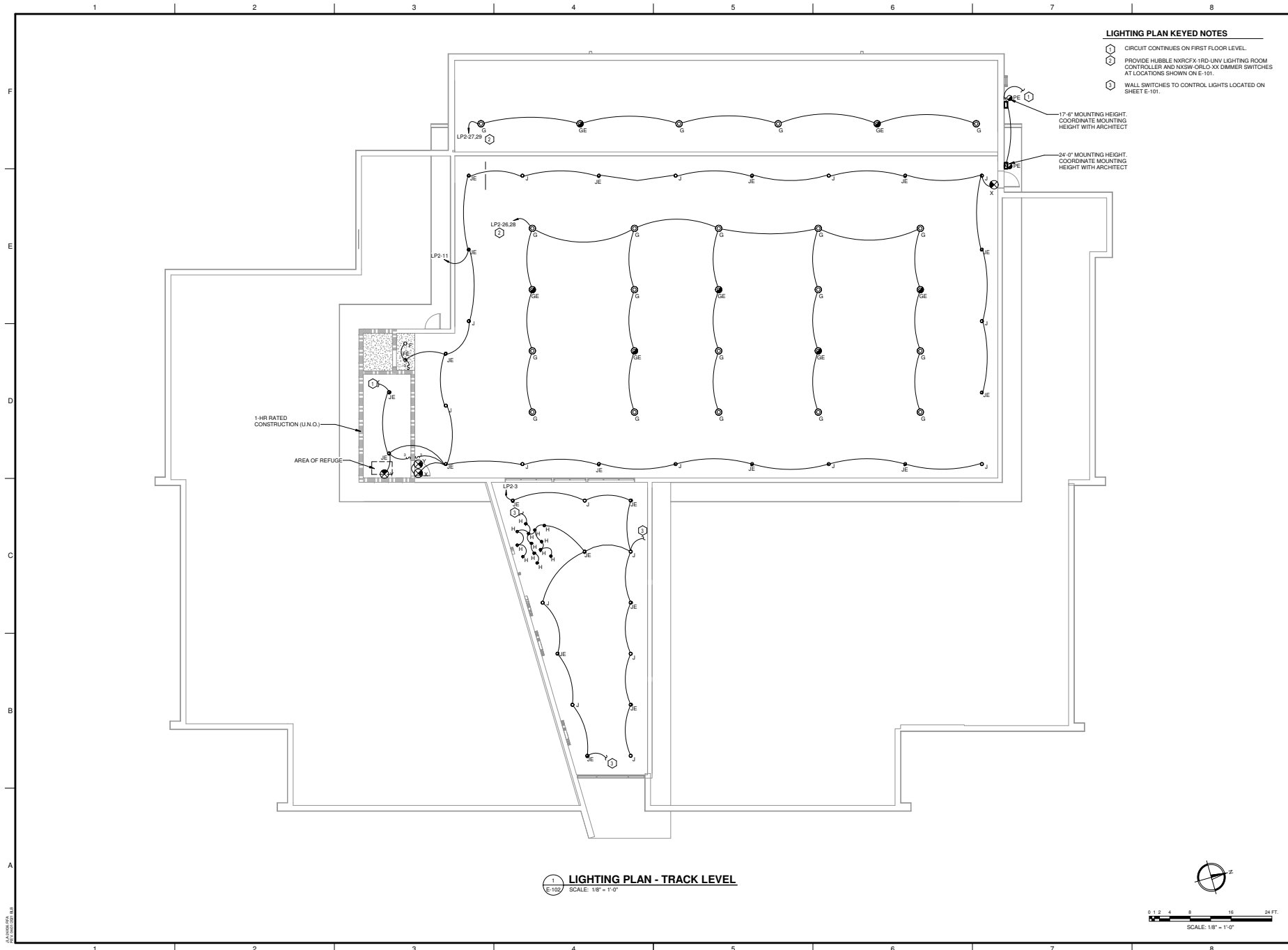
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PROJECT NO. 3042.2005  
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CHECKED BY: HJW  
DATE: 02/21/2022  
SHEET TITLE:  
**LIGHTING PLAN - FIRST FLOOR**

SCALE AS NOTED  
DRAWING NO. **E-101**  
REV. 0

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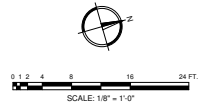


- LIGHTING PLAN KEYED NOTES**
- ① CIRCUIT CONTINUES ON FIRST FLOOR LEVEL.
  - ② PROVIDE HUBBLE NARCFX-1RD-UNV LIGHTING ROOM CONTROLLER AND NXSX-ORLO-XX DIMMER SWITCHES AT LOCATIONS SHOWN ON E-101.
  - ③ WALL SWITCHES TO CONTROL LIGHTS LOCATED ON SHEET E-101.

17'-6" MOUNTING HEIGHT.  
COORDINATE MOUNTING  
HEIGHT WITH ARCHITECT

24'-0" MOUNTING HEIGHT.  
COORDINATE MOUNTING  
HEIGHT WITH ARCHITECT

**1 LIGHTING PLAN - TRACK LEVEL**  
E-102 SCALE: 1/8" = 1'-0"



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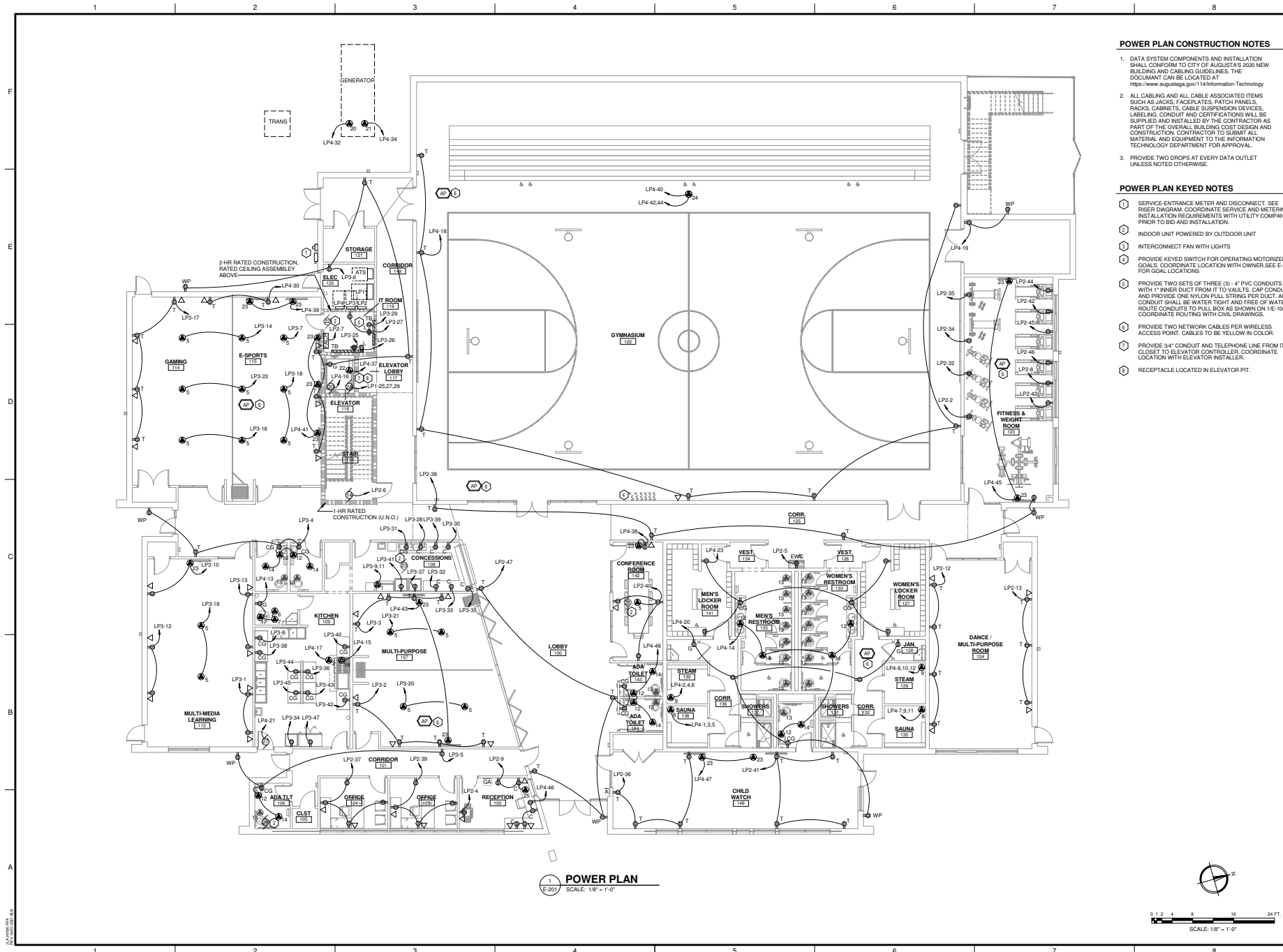


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DATE: 02/21/2022  
SHEET TITLE:  
**LIGHTING PLAN -  
TRACK LEVEL**

SCALE: AS NOTED  
DRAWING NO. **E-102**  
REV: 0






**POWER PLAN**  
SCALE: 1/8" = 1'-0"

**POWER PLAN CONSTRUCTION NOTES**

1. DATA SYSTEM COMPONENTS AND INSTALLATION SHALL CONFORM TO CITY OF AUGUSTA'S 2020 NEW BUILDING AND CABLE GUIDELINES. THE DOCUMENT CAN BE LOCATED AT <https://www.augustaga.gov/114/Information-Technology>
2. ALL CABLE AND ALL CABLE ASSOCIATED ITEMS SUCH AS JACKS, FACEPLATES, PATCH PANELS, RACKS, CABINETS, CABLE SUSPENSION DEVICES, LABELING, CONDUIT AND CERTIFICATIONS WILL BE SUPPLIED AND INSTALLED BY THE CONTRACTOR AS PART OF THE OVERALL BUILDING COST DESIGN AND CONSTRUCTION. CONTRACTOR TO SUBMIT ALL MATERIAL AND EQUIPMENT TO THE INFORMATION TECHNOLOGY DEPARTMENT FOR APPROVAL.
3. PROVIDE TWO DROPS AT EVERY DATA OUTLET UNLESS NOTED OTHERWISE.

**POWER PLAN KEYED NOTES**

- 1 SERVICE ENTRANCE METER AND DISCONNECT. SEE RISER DIAGRAM. COORDINATE SERVICE AND METERING INSTALLATION REQUIREMENTS WITH UTILITY COMPANY PRIOR TO BID AND INSTALLATION.
- 2 INDOOR UNIT POWERED BY OUTDOOR UNIT
- 3 INTERCONNECT FAN WITH LIGHTS
- 4 PROVIDE KEYSWITCH FOR OPERATING MOTORIZED GOALS. COORDINATE LOCATION WITH OWNER SEE E-202 FOR GOAL LOCATIONS
- 5 PROVIDE TWO SETS OF THREE (3) - 4" PVC CONDUITS WITH 1" INNER DUCT FROM IT TO VAULTS. CAP CONDUIT AND PROVIDE ONE NYLON PULL STRING PER DUCT. ALL CONDUIT SHALL BE WATER TIGHT AND FREE OF WATER. ROUTE CONDUITS TO PULL BOX AS SHOWN ON E-100. COORDINATE ROUTING WITH CIVIL DRAWINGS.
- 6 PROVIDE TWO NETWORK CABLES PER WIRELESS ACCESS POINT. CABLES TO BE YELLOW IN COLOR.
- 7 PROVIDE 3/4" CONDUIT AND TELEPHONE LINE FROM IT CLOSET TO ELEVATOR CONTROLLER. COORDINATE LOCATION WITH ELEVATOR INSTALLER.
- 8 RECEPTACLE LOCATED IN ELEVATOR PIT.



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**PROJECT NAME:**  
**HENRY BRIGHAM COMMUNITY CENTER**

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**PROJECT LOCATION:**  
2405 GOLDEN CAMP RD C, AUGUSTA, GA 30906



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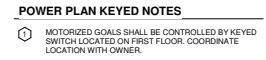
**POWER PLAN - FIRST FLOOR**

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SCALE: AS NOTED  
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REV: **0**





**POWER PLAN - TRACK LEVEL**  
SCALE: 1/8" = 1'-0"



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535 TELFAIR STREET, AUGUSTA, GA 30901

PROJECT NAME: **HENRY BRIGHAM COMMUNITY CENTER**

PROJECT LOCATION:  
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SHEET TITLE:

**POWER PLAN -  
TRACK LEVEL**

SCALE	AS NOTED
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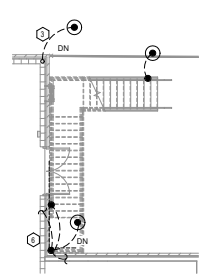
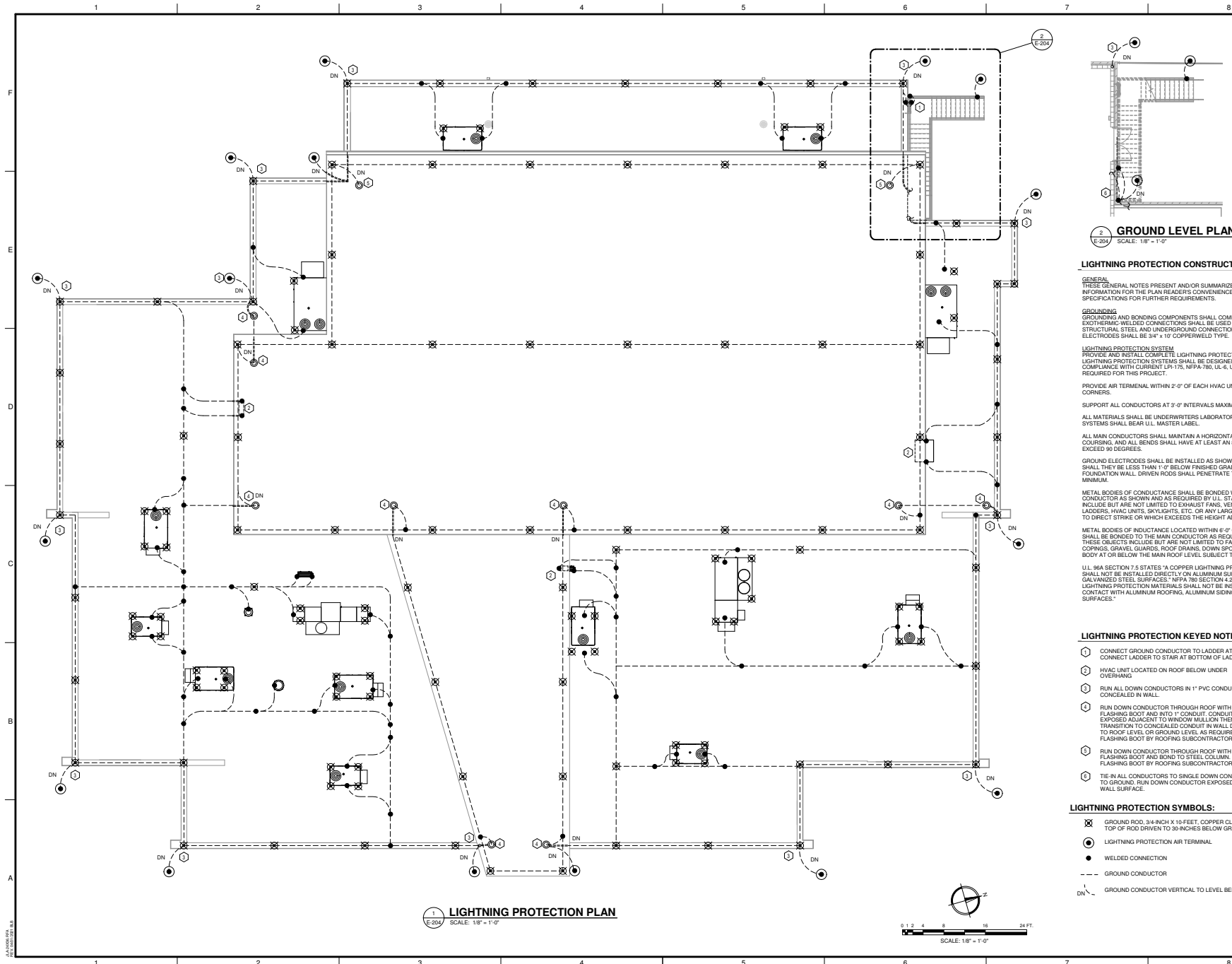
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### LIGHTNING PROTECTION CONSTRUCTION NOTES

**GENERAL**  
THESE GENERAL NOTES PRESENT AND/OR SUMMARIZE KEY PRODUCT INFORMATION FOR THE PLAN READER'S CONVENIENCE. SEE PLANS AND SPECIFICATIONS FOR FURTHER REQUIREMENTS.

**GROUNDING**  
GROUNDING AND BONDING COMPONENTS SHALL COMPLY WITH UL 467. EXOTHERMIC-WELDED CONNECTIONS SHALL BE USED FOR ATTACHMENT TO STRUCTURAL STEEL AND UNDERGROUND CONNECTIONS. GROUNDING ELECTRODES SHALL BE 3/4" x 10' COPPERWELD TYPE.

**LIGHTNING PROTECTION SYSTEM**  
PROVIDE AND INSTALL COMPLETE LIGHTNING PROTECTION SYSTEM. ALL LIGHTNING PROTECTION SYSTEMS SHALL BE DESIGNED AND INSTALLED IN COMPLIANCE WITH CURRENT LPI-175, NFPA-780, UL-6, UL-96A, AND UL-1449 AS REQUIRED FOR THIS PROJECT.

PROVIDE AIR TERMINAL WITHIN 2'-0" OF EACH HVAC UNIT EDGE OR AT CORNERS.

SUPPORT ALL CONDUCTORS AT 3'-0" INTERVALS MAXIMUM.

ALL MATERIALS SHALL BE UNDERWRITERS LABORATORY APPROVED. COMPLETE SYSTEMS SHALL BEAR UL MASTER LABEL.

ALL MAIN CONDUCTORS SHALL MAINTAIN A HORIZONTAL OR DOWNWARD COURSE, AND ALL BENDS SHALL HAVE AT LEAST AN 8" RADIUS AND SHALL NOT EXCEED 90 DEGREES.

GROUND ELECTRODES SHALL BE INSTALLED AS SHOWN BUT IN NO INSTANCE SHALL THEY BE LESS THAN 1'-0" BELOW FINISHED GRADE AND 2'-0" FROM FOUNDATION WALL. DRIVEN RODS SHALL PENETRATE THE EARTH AT 10'-0" MINIMUM.

METAL BODIES OF CONDUCTANCE SHALL BE BONDED WITH MAIN SIZE CONDUCTOR AS SHOWN AND AS REQUIRED BY UL STANDARDS. THESE BONDS INCLUDE BUT ARE NOT LIMITED TO EXHAUST FANS, VENTS, HANDRAILS, LADDERS, HVAC UNITS, SKYLIGHTS, ETC. OR ANY LARGE METAL BODY SUBJECT TO DIRECT STRIKE OR WHICH EXCEEDS THE HEIGHT ADJACENT AIR TERMINALS.

METAL BODIES OF INDUCTANCE LOCATED WITHIN 6'-0" OF MAIN CONDUCTOR SHALL BE BONDED TO THE MAIN CONDUCTOR AS REQUIRED BY UL STANDARDS. THESE OBJECTS INCLUDE BUT ARE NOT LIMITED TO FASCIA, FLASHING, METAL CORNICES, GRAVEL GUARDS, ROOF DRAINS, DOWN SPOUTS, ETC. OR ANY METAL BODY AT OR BELOW THE MAIN ROOF LEVEL SUBJECT TO INDUCTANCE.

UL 184 SECTION 7.5 STATES "A COPPER LIGHTNING PROTECTION COMPONENT SHALL NOT BE INSTALLED DIRECTLY ON ALUMINUM SURFACES OR EXTERNAL GALVANIZED STEEL SURFACES." NFPA 780 SECTION 4.2.3 STATES "COPPER LIGHTNING PROTECTION MATERIALS SHALL NOT BE INSTALLED ON OR IN CONTACT WITH ALUMINUM ROOFING, ALUMINUM SIDING, OR OTHER ALUMINUM SURFACES."

### LIGHTNING PROTECTION KEYED NOTES

- 1 CONNECT GROUND CONDUCTOR TO LADDER AT TOP. CONNECT LADDER TO STAIR AT BOTTOM OF LADDER.
- 2 HVAC UNIT LOCATED ON ROOF BELOW UNDER OVERHANG.
- 3 RUN ALL DOWN CONDUCTORS IN 1" PVC CONDUIT CONCEALED IN WALL.
- 4 RUN DOWN CONDUCTOR THROUGH ROOF WITH FLASHING BOOT AND INTO 1" CONDUIT. CONDUIT TO RUN EXPOSED ADJACENT TO WINDOW MULLION THEN TRANSITION TO CONCEALED CONDUIT IN WALL DOWN TO ROOF LEVEL OR GROUND LEVEL AS REQUIRED. FLASHING BOOT BY ROOFING SUBCONTRACTOR.
- 5 RUN DOWN CONDUCTOR THROUGH ROOF WITH FLASHING BOOT AND INTO STEEL COLUMN. FLASHING BOOT BY ROOFING SUBCONTRACTOR.
- 6 TIE-IN ALL CONDUCTORS TO SINGLE DOWN CONDUCTOR TO GROUND. RUN DOWN CONDUCTOR EXPOSED ALONG WALL SURFACE.

### LIGHTNING PROTECTION SYMBOLS:

- ☒ GROUND ROD, 3/4-INCH X 10-FOOT, COPPER CLAD STEEL. TOP OF ROD DRIVEN TO 30-INCHES BELOW GRADE.
- LIGHTNING PROTECTION AIR TERMINAL.
- WELDED CONNECTION
- - - GROUND CONDUCTOR
- DN GROUND CONDUCTOR VERTICAL TO LEVEL BELOW.

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**AUGUSTA GA BOARD OF COMMISSIONERS**  
535 TELFAIR STREET, AUGUSTA, GA 30901

**PROJECT NAME:**  
**HENRY BRIGHAM COMMUNITY CENTER**

**PROJECT LOCATION:**  
2468 GOLDEN CAMP RD C, AUGUSTA, GA 30906

GEORGIA  
No. 10000  
PROFESSIONAL  
ENGINEER  
HOWARD J. WITT

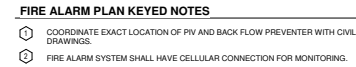
NO.	DATE	REV	DESCRIPTION
0	02/21/2022	1	ISSUED FOR BID

PROJECT NO: 3042-2005  
DRAWN BY: JAP  
CHECKED BY: HJW  
DATE: 02/21/2022  
SHEET TITLE:  
**LIGHTNING PROTECTION LAYOUT PLAN**

SCALE: AS NOTED  
DRAWING NO: **E-204**  
REV: 0

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PROJECT LOCATION:  
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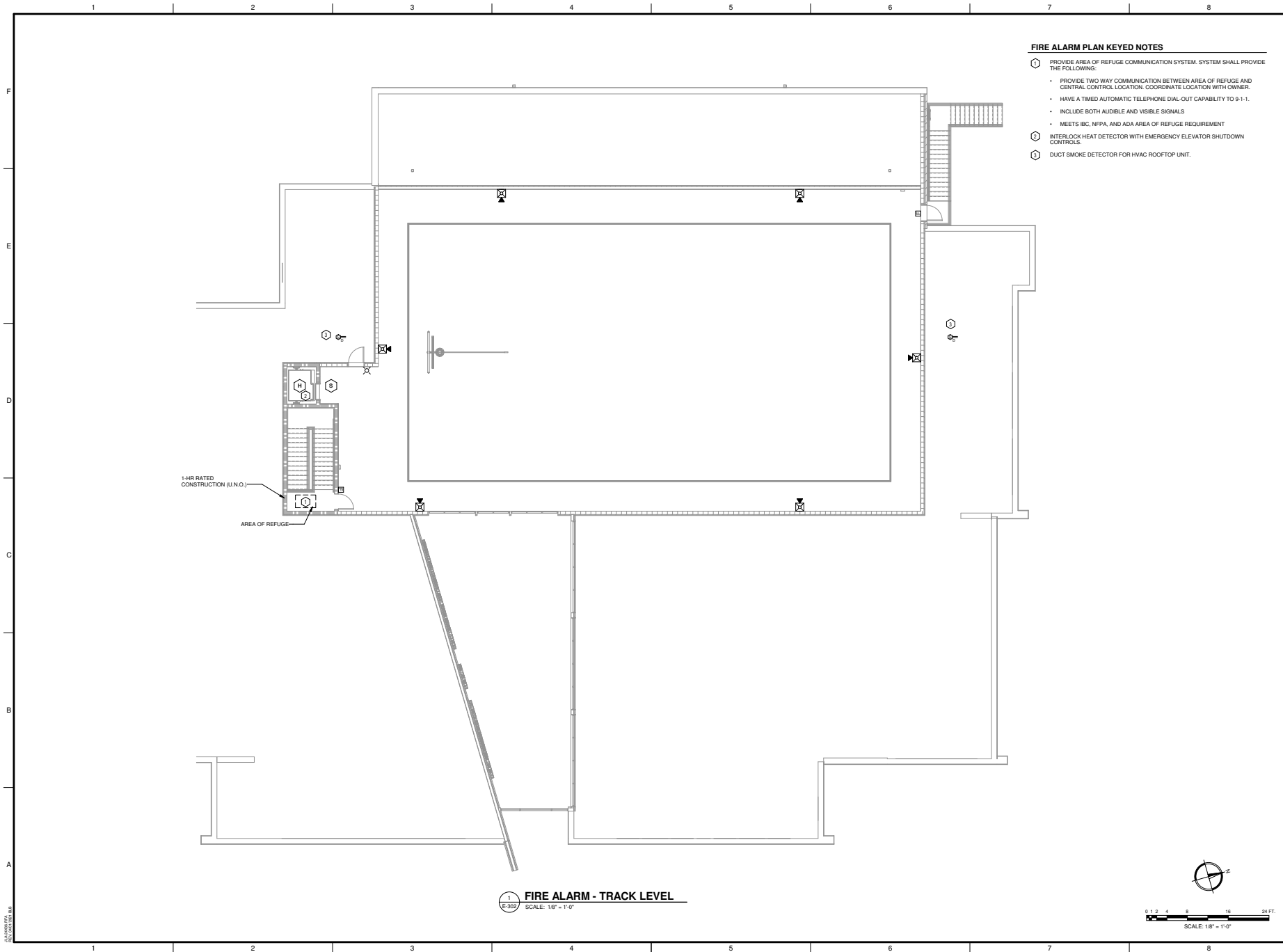
SHEET TITLE:  
**FIRE ALARM PLAN -  
FIRST FLOOR**

SCALE	AS NOTED
-------	----------

DRAWING NO.	REV.
<b>E-301</b>	<b>0</b>

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# **FIRE ALARM PLAN KEYED NOTES**

- 1. PROVIDE AREA OF REFUGE COMMUNICATION SYSTEM. SYSTEM SHALL PROVIDE THE FOLLOWING:
  - PROVIDE TWO WAY COMMUNICATION BETWEEN AREA OF REFUGE AND CENTRAL CONTROL LOCATION. COORDINATE LOCATION WITH OWNER.
  - HAVE A TIMED AUTOMATIC TELEPHONE DIAL-OUT CAPABILITY TO 9-1-1.
  - INCLUDE BOTH AUDIBLE AND VISIBLE SIGNALS
  - MEETS IBC, NFPA, AND ADA AREA OF REFUGE REQUIREMENT
- 2. INTERLOCK HEAT DETECTOR WITH EMERGENCY ELEVATOR SHUTDOWN CONTROLS.
- 3. DUCT SMOKE DETECTOR FOR HVAC ROOFTOP UNIT.

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**PROJECT NAME**  
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**PROJECT LOCATION**  
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PROJECT NO. 3042.2005  
 DRAWN BY: JAP  
 CHECKED BY: HJW  
 DATE: 02/21/2022

SHEET TITLE:  
**FIRE ALARM PLAN - TRACK LEVEL**

SCALE: AS NOTED  
 DRAWING NO. **E-302**  
 REV: 0



LIGHTING FIXTURE SCHEDULE									
TYPE MARK	MANUFACTURER	MODEL NUMBER	VOLTAGE	WATTAGE	LAMP TYPE	MOUNTING	DESCRIPTION		
A	COLUMBIA	LCAT24-40WVG-R-EDU	120 V	30 VA	4000K LED	RECESSED	3500 LUMEN ARCHITECTURAL 2X4		
AE	COLUMBIA	LCAT24-40WVG-R-EDU-ELL14	120 V	30 VA	4000K LED	RECESSED	3500 LUMEN ARCHITECTURAL 2X4 EMERGENCY BATTERY PACK		
B	COLUMBIA	LCAT24-40WVG-R-EDU	120 V	36 VA	4000K LED	RECESSED	4000 LUMEN ARCHITECTURAL 2X4		
BE	COLUMBIA	LCAT24-40WVG-R-EDU-ELL14	120 V	36 VA	4000K LED	RECESSED	4000 LUMEN ARCHITECTURAL 2X4 EMERGENCY BATTERY PACK		
C	COLUMBIA	LJ724-40H-G-PSA12-EDU	120 V	45 VA	4000K LED	RECESSED	5500 LUMEN LED 2X4 DOUBLE GASKETED		
CE	COLUMBIA	LJ724-40H-G-PSA12-EDU-ELL14	120 V	45 VA	4000K LED	RECESSED	5500 LUMEN LED 2X4 DOUBLE GASKETED EMERGENCY BATTERY PACK		
D	COLUMBIA	LCAT22-40MLG-R-EDU	120 V	29 VA	4000K LED	RECESSED	3500 LUMEN ARCHITECTURAL 2X2		
DE	COLUMBIA	LCAT22-40MLG-R-EDU-ELL14	120 V	29 VA	4000K LED	RECESSED	3500 LUMEN ARCHITECTURAL 2X2 WITH EMERGENCY BATTERY		
E	ELITE	HH6-LED-1500-MD-40K-BY ARCH	120 V	21 VA	4000K LED	RECESSED	1500 LUMEN LED DOWNLIGHT		
EE	ELITE	HH6-LED-1500-MD-40K-BY ARCH	120 V	21 VA	4000K LED	RECESSED	1500 LUMEN LED DOWNLIGHT WITH EMERGENCY BATTERY		
F	ELITE	HH6-LED-1500-MD-40K-BY ARCH	120 V	12 VA	4000K LED	RECESSED	800 LUMEN LED DOWNLIGHT		
FE	ELITE	HH6-LED-1500-MD-40K-BY ARCH	120 V	12 VA	4000K LED	RECESSED	800 LUMEN LED DOWNLIGHT WITH EMERGENCY BATTERY		
G	HUBBELL	CRN2-500MM-EDU-PP-CRWNA18	208 V	150 VA	4000K LED	PENDANT	LED HIGHBAY WITH CLEAR PC REFLECTOR		
GE	HUBBELL	CRN2-500MM-EDU-PP-CRWNA18-ELL25	208 V	150 VA	4000K LED	PENDANT	LED HIGHBAY WITH CLEAR PC REFLECTOR EMERGENCY BATTERY		
H	QOL	FR1P103-B-13-W-8Y-ABSCH-LED1-40K-UNV-144-DM1	120 V	15 VA	4000K LED	PENDANT	LED PENDANT COORDINATE MOUNTING HEIGHTS WITH ARCHITECT		
J	ELITE	SCHE-LED-PM-4000L-DM10-MVOLT-MD-40K-90-HH6-6501-CL-WH	120 V	47 VA	4000K LED	PENDANT	6" ARCHITECTURAL LED CYLINDER		
JE	ELITE	SCHE-LED-PM-4000L-DM10-MVOLT-MD-40K-90-HH6-6501-CL-WH-ENG-LED1-10W-EMG-LED-10W	120 V	47 VA	4000K LED	PENDANT	6" ARCHITECTURAL LED CYLINDER WITH EMERGENCY BATTERY		
K	ELITE	HH4-LED-900L-DM10-MVOLT-MD-40K-90-HH4-4501-CL-WH	120 V	21 VA	4000K LED	RECESSED	900 LUMEN LED DOWNLIGHT		
LE	ELITE	MP64-40H-CL-W-EDU-ELL14	120 V	50 VA	4000K LED	RECESSED	LED STRIP LIGHT WITH EMERGENCY BATTERY		
M	ELITE	ELL-LED-24-4000-40K-WH	120 V	10 VA	4000K LED	WALL / CEILING	LED UNDERCABINET LIGHT		
NE	ELITE	HH6-LED-1500-MD-40K-BY ARCH	120 V	21 VA	4000K LED	RECESSED	1500 LUMEN LED DOWNLIGHT WITH EMERGENCY BATTERY, WET LOCATION		
P	HUBBELL	TRP2-24LS30-3KT-2-UNV-BY ARCH	120 V	50 VA	3000K LED	SURFACE	LED WALL PACK COORDINATE MOUNTING HEIGHT WITH ARCHITECT		
PE	HUBBELL	TRP2-24LS30-3KT-2-UNV-BY ARCH-E	120 V	50 VA	3000K LED	SURFACE	LED WALL PACK WITH REMOTE CAPACITY COORDINATE MOUNTING HEIGHT WITH ARCHITECT		
X	DUAL-LITE	ENCLOSURE-04-3	120 V	5 VA	LED	WALL / CEILING	LED TEXT SIGN WITH REMOTE CAPACITY		
Y	DUAL-LITE	SESWWE-SV0	120 V	5 VA	LED	WALL / CEILING	LED AREA OR REFUGE SIGN		
Z	DUAL-LITE	EVO	5 V	5 VA	LED	WALL / CEILING	LED EGRESS LIGHT		

NOTES:

1. COORDINATE ALL FINISH OPTIONS WITH ARCHITECT.

MOTOR SCHEDULE	
ID	DESCRIPTION
1	RTU-1
2	RTU-2
3	RTU-3
4	RTU-4
5	RTU-5
6	RTU-6
7	RTU-7
8	RTU-8
9	RTU-9
10	RTU-10
11	RTU-11
12	RTU-12
13	RTU-13
14	WH-1
15	ERV-1
16	ERV-1
17	ERV-2
18	CHP-1
19	CHP-2
20	CHP-3
21	HP-1
22	HP-2
23	HP-3
24	ELEVATOR
25	PUF-1
26	KSF-1
27	AC-1
28	EF-1
29	EF-2
30	SUMP PUMP

MOTOR SCHEDULE NOTES:

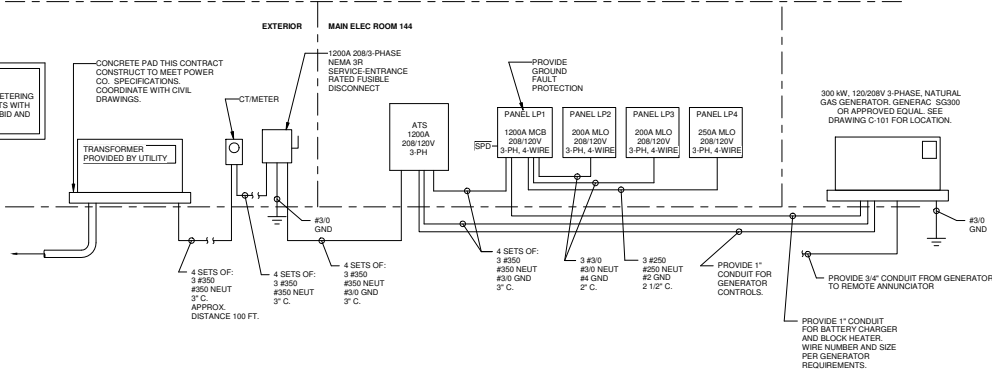
PROVIDE LOCAL FUSIBLE DISCONNECTING MEANS FOR EACH MOTOR. COORDINATE WITH MOTOR MCOOP.

SPECIAL OUTLET SCHEDULE	
ID	DESCRIPTION
1	ICE MACHINE
2	GAS RANGE
3	RECEPTACLE PROVIDED WITH HVAC EQUIPMENT
4	WEATHERPROOF RECEPTACLE MOUNTED ON ROOF
5	FLOOR BOX LEGRAND RFB4. PROVIDE TWO DUPLEX RECEPTACLES AND TWO DATA OUTLETS. INSTALL 1" CONDUIT FROM BOX TO ABOVE ACCESSIBLE CEILING
6	PMP-1
7	PMP-2
8	SAUNA HEATER
9	STEAM HEATER
10	SAUNA AND STEAM ROOM LIGHTING AND CONTROLS
11	MOTORIZED GOAL
12	PROVIDE TWO GANG JUNCTION BOX WITH CHROME COVER PLATE FOR SENSOR TRANSFORMER IN WALL BELOW SINK. COORDINATE LOCATION WITH ARCHITECT AND OWNER. PROVIDE 1/2" GAUGE MINIMUM WIRE TO EACH SINK SENSOR.
13	PROVIDE TWO GANG JUNCTION BOX FOR FLUSH VALVE SENSOR. COORDINATE LOCATION WITH PLUMBING SUBCONTRACTOR.
14	PROVIDE TRANSFORMER FOR AUTOMATIC CONTROLS FOR PLUMBING FIXTURES.
15	SCOREBOARD
16	SHOT CLOCK
17	CHW-1
18	DUCT SMOKE DETECTOR
19	KITCHEN HOOD LIGHTING AND CONTROLS
20	GENERATOR BLOCK HEATER
21	GENERATOR BATTERY CHARGER
22	ELEVATOR CONTROL / LIGHTING. COORDINATE EXACT LOCATION WITH ELEVATOR MANUFACTURER.
23	2 GANG RECESSED TV BOX. PROVIDE ONE DUPLEX RECEPTACLE AND ONE PASS THRU BRUSH COVER PLATE. MOUNT AT 80" A.F.F. RECEPTACLE MOUNTING HEIGHT WITH OWNER.
24	FLOOR BOX LEGRAND RFB4. PROVIDE ONE NEMA 6-20 RECEPTACLE, ONE DUPLEX RECEPTACLE AND TWO DATA OUTLETS. INSTALL 1" CONDUIT FROM BOX TO ABOVE ACCESSIBLE CEILING IN CORRIDOR 150
25	SERVICE WINDOW SPEAKER

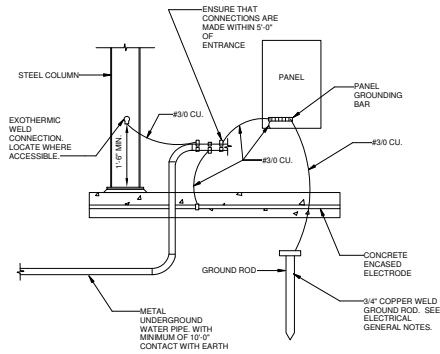
SPECIAL OUTLET SCHEDULE NOTES:

PROVIDE LOCAL DISCONNECTING FOR DEVICES WITHOUT RECEPTACLE. COORDINATE WITH MCOOP.

NOTE:  
COORDINATE SERVICE AND METERING INSTALLATION REQUIREMENTS WITH UTILITY COMPANY PRIOR TO BID AND INSTALLATION.



1  
E-401  
NO SCALE  
RISER DIAGRAM



2  
E-401  
SCALE: 12" = 1'-0"  
ELECTRODE GROUNDING DETAIL



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PROJECT NAME  
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PROJECT LOCATION  
2465 GOLDEN CAMP RD, C. AUGUSTA, GA 30906



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PROJECT NO. 3042-2005  
DRAWN BY: JAP  
CHECKED BY: HJW  
DATE: 02/21/2022  
SHEET TITLE:  
**ELECTRICAL SCHEDULES AND SYMBOLS**

SCALE AS NOTED  
DRAWING NO. **E-401**  
REV. 0



# PANEL: LP1

LOCATION CORRIDOR 149  
MOUNTING SURFACE  
MAIN BREAKER  
FEED FROM UTILITY

MAIN AMPS 1200 A  
VOLTAGE 120/208 Wye  
PHASE 3 WIRE 4 MIN.  
S.C.C. SEE NOTE 1

RECEPTACLE	A	B	C	TOTAL	DEMAND
KITCHEN VA				58000 VA	34000 VA
LIGHTING VA				9047 VA	9047 VA
OTHER VA				294271 VA	294271 VA
VA PER PHASE	123197 VA	122578 VA	121919 VA	367693 VA	343693 VA
AMPS PER PHASE	1007 A	1022 A	1016 A		

MIN. WIRE/CONDUIT SIZE	Load Name	AMPS	P	OKT	A	B	C	OKT	P	AMPS	Load Name	MIN. WIRE/CONDUIT SIZE
3/4, #6G, 1 1/4"	RTU-1	80 A	3	1	7926 VA	7926 VA		2	3	80 A	RTU-2	3/4, #6G, 1 1/4"
--	--	--	--	3		7926 VA	7926 VA	4	--	--	--	--
--	--	--	--	5				6	--	--	--	--
3/8, #6G, 3/4"	RTU-3	40 A	3	7	3122 VA	3122 VA		8	3	40 A	RTU-4	3/8, #6G, 3/4"
--	--	--	--	9		3122 VA	3122 VA	10	--	--	--	--
--	--	--	--	11				12	--	--	--	--
3/10, #10G, 3/4"	RTU-7	25 A	3	13	2162 VA	3122 VA		14	3	40 A	RTU-6	3/8, #6G, 3/4"
--	--	--	--	15		2162 VA	3122 VA	16	--	--	--	--
--	--	--	--	17			2162 VA	18	--	--	--	--
3/8, #6G, 3/4"	RTU-9	40 A	3	19	3122 VA	2882 VA		20	3	35 A	RTU-8	3/8, #6G, 3/4"
--	--	--	--	21		3122 VA	2882 VA	22	--	--	--	--
--	--	--	--	23				24	--	--	--	--
3/1, #6G, 1 1/2"	* ELEVATOR	175 A	3	25	9444 VA	3122 VA		26	3	40 A	RTU-10	3/8, #6G, 3/4"
--	--	--	--	27		9444 VA	3122 VA	28	--	--	--	--
--	--	--	--	29			9444 VA	30	--	--	--	--
3/10, #10G, 3/4"	RTU-13	30 A	3	31	2400 VA	3122 VA		32	3	40 A	RTU-12	3/10, #10G, 3/4"
--	--	--	--	33		2400 VA	3122 VA	34	--	--	--	--
--	--	--	--	35			2400 VA	36	--	--	--	--
3/10, #10G, 3/4"	ERM-1	25 A	3	37	2162 VA	3495 VA		38	3	40 A	ERV-1	3/8, #6G, 1"
--	--	--	--	39		2162 VA	3495 VA	40	--	--	--	--
--	--	--	--	41			2162 VA	42	--	--	--	--
SEE RISER DIAGRAM	PANEL LP2	200 A	3	43	23056 VA	2162 VA		44	3	25 A	ERM-2	3/10, #10G, 3/4"
--	--	--	--	45		22209 VA	2162 VA	46	--	--	--	--
--	--	--	--	47			2162 VA	48	--	--	--	--
SEE RISER DIAGRAM	PANEL LP3	200 A	3	49	15640 VA	25209 VA		50	3	200 A	PANEL LP4	SEE RISER DIAGRAM
--	--	--	--	51		16692 VA	24385 VA	52	--	--	--	--
--	--	--	--	53			15672 VA	54	--	--	--	--

REMARKS: \* PROVIDE SHUNT TRIP TYPE BREAKER

# PANEL: LP3

LOCATION IT ROOM 119  
MOUNTING SURFACE  
MAIN MLO  
FEED FROM LP1

MAIN AMPS 250 A  
VOLTAGE 120/208 Wye  
PHASE 3 WIRE 4 MIN.  
S.C.C. SEE NOTE 1

RECEPTACLE	A	B	C	TOTAL	DEMAND
KITCHEN VA				35180 VA	22580 VA
LIGHTING VA				10844 VA	10844 VA
OTHER VA				48004 VA	35424 VA
VA PER PHASE	15640 VA	16692 VA	15672 VA	48004 VA	35424 VA
AMPS PER PHASE	130 A	139 A	131 A		

MIN. WIRE/CONDUIT SIZE	Load Name	AMPS	P	OKT	A	B	C	OKT	P	AMPS	Load Name	MIN. WIRE/CONDUIT SIZE
2/12" #12G, 3/4" C.	RECEPTACLES	20 A	1	1	360 VA	720 VA		2	1	20 A	RECEPTACLES	2/12" #12G, 3/4" C.
2/12" #12G, 3/4" C.	RECEPTACLES	20 A	1	3		720 VA	1120 VA	4	1	20 A	RECEPTACLES, SENSOR TRANS	2/12" #12G, 3/4" C.
2/12" #12G, 3/4" C.	RECEPTACLES, SENSOR TRANS	20 A	1	5			740 VA	6	1	20 A	RECEPTACLES	2/12" #12G, 3/4" C.
2/12" #12G, 3/4" C.	FLOOR BOX	20 A	1	7	360 VA	1500 VA		8	1	20 A	RECEPTACLES	2/12" #12G, 3/4" C.
2/12" #12G, 3/4" C.	ICE MACHINE	20 A	2	9		1332 VA	360 VA	10	1	20 A	RECEPTACLES	2/12" #12G, 3/4" C.
--	--	--	--	11			1332 VA	12	1	20 A	RECEPTACLES	2/12" #12G, 3/4" C.
2/12" #12G, 3/4" C.	RECEPTACLES	20 A	1	13	360 VA	720 VA		14	1	20 A	FLOOR BOXES	2/12" #12G, 3/4" C.
2/12" #12G, 3/4" C.	RECEPTACLES	20 A	1	15		540 VA	720 VA	16	1	20 A	FLOOR BOXES	2/12" #12G, 3/4" C.
2/12" #12G, 3/4" C.	RECEPTACLES	20 A	1	17			720 VA	18	1	20 A	FLOOR BOXES	2/12" #12G, 3/4" C.
2/12" #12G, 3/4" C.	FLOOR BOXES	20 A	1	19	720 VA	720 VA		20	1	20 A	FLOOR BOXES	2/12" #12G, 3/4" C.
2/12" #12G, 3/4" C.	FLOOR BOXES	20 A	1	21		720 VA	1000 VA	22	1	20 A	SAUNA STEAM LIGHTING/CTRL	2/12" #12G, 3/4" C.
2/12" #12G, 3/4" C.	FLOOR BOXES	20 A	1	23		720 VA	1000 VA	24	1	20 A	SAUNA STEAM LIGHTING/CTRL	2/12" #12G, 3/4" C.
2/12" #12G, 3/4" C.	IT RECEPTACLE	20 A	1	25	1000 VA	180 VA		26	1	20 A	IT RECEPTACLE	2/12" #12G, 3/4" C.
2/12" #12G, 3/4" C.	IT RECEPTACLE	20 A	1	27		1180 VA	1500 VA	28	1	20 A	RECEPTACLES	2/12" #12G, 3/4" C.
2/12" #12G, 3/4" C.	IT RECEPTACLE	20 A	1	29			180 VA	30	1	20 A	RECEPTACLES	2/12" #12G, 3/4" C.
2/12" #12G, 3/4" C.	RECEPTACLES	20 A	1	31	1500 VA	1500 VA		32	1	20 A	RECEPTACLES	2/12" #12G, 3/4" C.
2/12" #12G, 3/4" C.	RECEPTACLES	20 A	1	33		1500 VA	1500 VA	34	1	20 A	RECEPTACLES	2/12" #12G, 3/4" C.
2/12" #12G, 3/4" C.	RECEPTACLES	20 A	1	35			1500 VA	36	1	20 A	RECEPTACLES	2/12" #12G, 3/4" C.
2/12" #12G, 3/4" C.	RECEPTACLES	20 A	1	37	1500 VA	1500 VA		38	1	20 A	RECEPTACLES	2/12" #12G, 3/4" C.
2/12" #12G, 3/4" C.	RECEPTACLES	20 A	1	39		1500 VA	1500 VA	40	1	20 A	RECEPTACLES	2/12" #12G, 3/4" C.
2/12" #12G, 3/4" C.	RECEPTACLES	20 A	1	41		1500 VA	1500 VA	42	1	20 A	RECEPTACLES	2/12" #12G, 3/4" C.
2/12" #12G, 3/4" C.	RECEPTACLES	20 A	1	43	1500 VA	1500 VA		44	1	20 A	RECEPTACLES	2/12" #12G, 3/4" C.
2/12" #12G, 3/4" C.	RECEPTACLES	20 A	1	45		1500 VA	0 VA	46	1	20 A	SPARE	2/12" #12G, 3/4" C.
2/12" #12G, 3/4" C.	RECEPTACLES	20 A	1	47			1500 VA	48	1	20 A	SPARE	2/12" #12G, 3/4" C.
2/12" #12G, 3/4" C.	SPARE	20 A	1	49	0 VA	0 VA		50	1	20 A	SPARE	2/12" #12G, 3/4" C.
2/12" #12G, 3/4" C.	SPARE	20 A	1	51		0 VA	0 VA	52	1	20 A	SPARE	2/12" #12G, 3/4" C.
2/12" #12G, 3/4" C.	SPARE	20 A	1	53			0 VA	54	1	20 A	SPARE	2/12" #12G, 3/4" C.

REMARKS:

# PANEL: LP2

LOCATION IT ROOM 119  
MOUNTING SURFACE  
MAIN MLO  
FEED FROM LP1

MAIN AMPS 200 A  
VOLTAGE 120/208 Wye  
PHASE 3 WIRE 4 MIN.  
S.C.C. SEE NOTE 1

RECEPTACLE	A	B	C	TOTAL	DEMAND
KITCHEN VA				16540 VA	13270 VA
LIGHTING VA				3900 VA	3900 VA
OTHER VA				37528 VA	37528 VA
VA PER PHASE	23056 VA	22209 VA	21638 VA	66902 VA	63632 VA
AMPS PER PHASE	193 A	186 A	180 A		

MIN. WIRE/CONDUIT SIZE	Load Name	AMPS	P	OKT	A	B	C	OKT	P	AMPS	Load Name	MIN. WIRE/CONDUIT SIZE
2/10" #10G, 3/4" C.	KEF-1	20 A	1	1	1176 VA	180 VA		2	1	20 A	RECEPTACLE	2/12" #12G, 3/4" C.
2/12" #12G, 3/4" C.	LIGHTING	20 A	1	3		806 VA	1000 VA	4	1	20 A	CORPER	2/12" #12G, 3/4" C.
2/12" #12G, 3/4" C.	EWIC	20 A	1	5			800 VA	6	1	20 A	WH-1	2/12" #12G, 3/4" C.
2/12" #12G, 3/4" C.	* FIRE ALARM PANEL	20 A	1	7	1000 VA	1000 VA		8	1	20 A	TREADMILL	2/12" #12G, 3/4" C.
2/12" #12G, 3/4" C.	RECEPTACLES / SPEAKER	20 A	1	9		460 VA	1820 VA	10	1	20 A	ROOF RECEPTACLES, EF-1	2/12" #12G, 3/4" C.
2/12" #12G, 3/4" C.	LIGHTING	20 A	1	11			1319 VA	12	1	20 A	RECEPTACLES	2/12" #12G, 3/4" C.
2/12" #12G, 3/4" C.	RECEPTACLES	20 A	1	13	540 VA	1080 VA		14	2	15 A	CHP-3	2/12" #12G, 3/4" C.
2/12" #12G, 3/4" C.	CHP-1	15 A	2	15		1080 VA	1080 VA	16	--	--	--	--
--	--	--	--	17			1080 VA	18	2	35 A	RTU-5	2/8" #6G, 3/4" C.
2/10" #10G, 3/4" C.	CHP-2	20 A	2	19	2052 VA	2712 VA		20	--	--	--	--
--	--	--	--	21		2052 VA	1466 VA	22	1	20 A	LIGHTING	2/12" #12G, 3/4" C.
2/12" #12G, 3/4" C.	LIGHTING	20 A	1	23			1207 VA	24	1	20 A	LIGHTING	2/12" #12G, 3/4" C.
2/12" #12G, 3/4" C.	LIGHTING	20 A	1	25	1237 VA	1500 VA		26	2	20 A	GYM LIGHTING	2/12" #12G, 3/4" C.
2/12" #12G, 3/4" C.	GYM LIGHTING	20 A	2	27		450 VA	1500 VA	28	--	--	--	--
--	--	--	--	29			450 VA	30	1	20 A	LIGHTING	2/12" #12G, 3/4" C.
2/12" #12G, 3/4" C.	LIGHTING	20 A	1	31	1302 VA	180 VA		32	1	20 A	RECEPTACLE	2/12" #12G, 3/4" C.
2/12" #12G, 3/4" C.	LIGHTING	20 A	1	33		1218 VA	180 VA	34	1	20 A	RECEPTACLE	2/12" #12G, 3/4" C.
2/12" #12G, 3/4" C.	RECEPTACLE	20 A	1	35			180 VA	36	1	20 A	RECEPTACLES	2/12" #12G, 3/4" C.
2/12" #12G, 3/4" C.	RECEPTACLES	20 A	1	37	720 VA	900 VA		38	1	20 A	RECEPTACLES	2/12" #12G, 3/4" C.
2/12" #12G, 3/4" C.	RECEPTACLES	20 A	1	39		720 VA	900 VA	40	1	20 A	RECEPTACLES	2/12" #12G, 3/4" C.
2/12" #12G, 3/4" C.	RECEPTACLES	20 A	1	41			720 VA	42	1	20 A	TREADMILL	2/12" #12G, 3/4" C.
2/12" #12G, 3/4" C.	TREADMILL	20 A	1	43	1000 VA	1000 VA		44	1	20 A	TREADMILL	2/12" #12G, 3/4" C.
2/12" #12G, 3/4" C.	TREADMILL	20 A	1	45		1000 VA	1000 VA	46	1	20 A	TREADMILL	2/12" #12G, 3/4" C.
2/12" #12G, 3/4" C.	RECEPTACLES	20 A	1	47			1080 VA	48	1	20 A	ROOF RECEPTACLES	2/12" #12G, 3/4" C.
2/12" #12G, 3/4" C.	RTU-11	25 A	3	49	2162 VA	3315 VA		50	3	40 A	KSF-1	3/10" #10G, 3/4" C.
--	--	--	--	51		2162 VA	3315 VA	52	--	--	--	--
--	--	--	--	53			2162 VA	54	--	--	--	--

REMARKS: \* PROVIDE LOCKOUT BREAKER, MARK BREAKER IN RED

# PANEL: LP4

LOCATION IT ROOM 119  
MOUNTING SURFACE  
MAIN MLO  
FEED FROM LP1

MAIN AMPS 250 A  
VOLTAGE 120/208 Wye  
PHASE 3 WIRE 4 MIN.  
S.C.C. SEE NOTE 1

RECEPTACLE	A	B	C	TOTAL	DEMAND
KITCHEN VA				5300 VA	5300 VA
LIGHTING VA				113 VA	113 VA
OTHER VA				68024 VA	68024 VA
VA PER PHASE	25209 VA	24385 VA	25318 VA	76912 VA	76912 VA
AMPS PER PHASE	211 A	203 A	212 A		

MIN. WIRE/CONDUIT SIZE	Load Name	AMPS	P	OKT	A	B	C	OKT	P	AMPS	Load Name	MIN. WIRE/CONDUIT SIZE	
3/8" #10G, 1" C.	SAUNA - MENS	45 A	3	1	4000 VA	3767 VA		2	3	40 A	STEAM - MENS	3/8" #10G, 1" C.	
--	--	--	--	3		4000 VA	3767 VA	4	--	--	--	--	
--	--	--	--	5			4000 VA	6	--	--	--	--	
3/8" #10G, 1" C.	SAUNA - WOMENS	45 A	3	7	4000 VA	3767 VA		8	3	40 A	STEAM - WOMENS	3/8" #10G, 3/4" C.	
--	--	--	--	11		4000 VA	3767 VA	10	--	--	--	--	
--	--	--	--	12			4000 VA	12	--	--	--	--	
2/12, 2/10G, 3/4" C.	GWH-1, PMP-1, PMP-2	20 A	1	13	480 VA	600 VA		14	1	20 A	SENSOR TRANSFORMERS	2/12, 2/10G, 3/4" C.	
2/12, 2/10G, 3/4" C.	KITCHEN HOOD LIGHTING / CTRL	20 A	1	15		500 VA	500 VA	16	1	20 A	SUMP PUMP	2/12, 2/10G, 3/4" C.	
2/12, 2/10G, 3/4" C.	RANGE	20 A	1	17			960 VA	18	1	20 A	RECEPTILES	2/12, 2/10G, 3/4" C.	
2/12, 2/10G, 3/4" C.	RECEPTILES	20 A	1	19	360 VA	1080 VA		20	1	20 A	RECEPTILES	2/12, 2/10G, 3/4" C.	
2/12, 2/10G, 3/4" C.	AC	20 A	1	21		612 VA	624 VA	22	1	20 A	SCORE BOARDS, SHOT CLOCKS	2/12, 2/10G, 3/4" C.	
2/12, 2/10G, 3/4" C.	RECEPTILES	20 A	1	23			1080 VA	24	1	20 A	MOTORIZED GOAL	2/12, 2/10G, 3/4" C.	
2/12, 2/10G, 3/4" C.	MOTORIZED GOAL	20 A	1	25	1368 VA	1368 VA		26	1	20 A	MOTORIZED GOAL	2/12, 2/10G, 3/4" C.	
2/12, 2/10G, 3/4" C.	RECEPTILES	20 A	1	27		1080 VA	1368 VA	28	1	20 A	MOTORIZED GOAL	2/12, 2/10G, 3/4" C.	
2/12, 2/10G, 3/4" C.	MOTORIZED GOAL	20 A	1	29			1368 VA	30	1	20 A	RECEPTILES	2/12, 2/10G, 3/4" C.	
2/12, 2/10G, 3/4" C.	DUCT SMOKE DETECTORS	20 A	1	31	200 VA	1000 VA		32	1	20 A	BLOCK HEATER	2/12, 2/10G, 3/4" C.	
2/12, 2/10G, 3/4" C.	MOTORIZED GOAL	20 A	1	33		1368 VA	1000 VA	34	1	20 A	BATTERY CHARGER	2/12, 2/10G, 3/4" C.	
2/12, 2/10G, 3/4" C.	ELEVATOR LIGHTING	20 A	1	35			50 VA	50 VA	36	1	20 A	EXTERIOR LIGHTING	2/12, 2/10G, 3/4" C.
2/12, 2/10G, 3/4" C.	ELEVATOR LIGHTING /	20 A	1	37	1000 VA	360 VA		38	1	20 A	RECEPTILES	2/12, 2/10G, 3/4" C.	
2/12, 2/10G, 3/4" C.	TV RECEPTILES	20 A	1	39		360 VA	360 VA	40	1	20 A	GYM FLOOR BOX	2/12, 2/10G, 3/4" C.	
2/12, 2/10G, 3/4" C.	TV RECEPTILES	20 A	1	41			540 VA	1500 VA	42	2	20 A	20W RECEPT. GYM FLOOR BOX	2/12, 2/10G, 3/4" C.
2/12, 2/10G, 3/4" C.	TV RECEPTILES	20 A	1	43	360 VA	1500 VA		44	--	--	--	--	
2/12, 2/10G, 3/4" C.	TV RECEPTILES	20 A	1	45		360 VA	720 VA	46	1	20 A	RECEPTILES	2/12, 2/10G, 3/4" C.	
2/12, 2/10G, 3/4" C.	TV RECEPTILES	20 A	1	47			360 VA	400 VA	48	1	20 A	TOILET SENSER TRANSFORMERS	2/12, 2/10G, 3/4" C.
2/12, 2/10G, 3/4" C.	SPACE	--	--	49	0 VA	0 VA		50	--	--	SPACE	--	
2/12, 2/10G, 3/4" C.	SPACE	--	--	51		0 VA	0 VA	52	--	--	SPACE	--	
2/12, 2/10G, 3/4" C.	SPACE	--	--	53			0 VA	0 VA	54	--	SPACE	--	