

**ADDENDUM NO. ONE (1)
CITY OF BALDWIN, GEORGIA
WPCP NEW SOLIDS HANDLING BUILDING
ISSUED MAY 27, 2026**

RE: WPCP NEW SOLIDS HANDLING BUILDING
EMI PROJECT No. 21-056

FROM: ENGINEERING MANAGEMENT, INC.
303 SWANSON DRIVE
LAWRENCEVILLE, GA 30043
Chip McGaughey, P.E.
770-962-1387

TO: PROSPECTIVE BIDDERS

This Addendum forms a part of the Contract Documents and Drawings and modifies the original bidding documents dated April 2026.

The following items of the Contract Documents are modified as part of this Addendum:

Clarifications/Questions:

1. The Huber shop drawings (Attachment 1) seem to indicate that the polymer system, progressive cavity pump, and flowmeter are in the Huber scope of supply provided by the owner, but sheet M1 indicates these are provided by the contractor.
EMI Response: Sheet M1 does not state the the polymer system, progressive cavity pump, and flowmeter are to be supplied by the Contractor. These items shall be supplied by Huber.
2. Provide the weight of the conveyor. **EMI Response: The inclined conveyor and distribution conveyor weights are provided on Sheet M1 and M2.**
3. Please clarify whether bypass pumping, temporary sludge handling, temporary piping, or temporary operational measures are required during the sludge influent line tie-in and/or drain line tie-ins. If required, please provide anticipated duration, performance requirements, and responsibility matrix for temporary operations support. **EMI Response: See note 19 on sheet G2. "THE WASTE WATER TREATMENT PLANT SHALL REMAIN IN SERVICE DURING CONSTRUCTION. OWNER MAY BE ABLE TO SUSPEND FLOWS FOR SHORT PERIODS OF TIME IF NEEDED. IF LONGER PERIODS OF SHUT DOWN OF VARIOUS COMPONENTS ARE NECESSARY CONTRACTOR MAY BE REQUIRED TO BY-PASS THE FLOW FROM AREAS OF WORK. DETAILED PLANS AND COORDINATION FOR BY-PASSING SHALL BE APPROVED BY ENGINEER AND OWNER." The Contractor shall submit a Maintenance of Plant Operations (MOPO) plan to the Engineer and Owner for approval.**
4. Please confirm that no SCADA integration, controls integration, PLC programming, instrumentation integration, remote monitoring, or plant automation modifications are required as part of this project scope. If required, please provide associated controls narrative, points list, and integration requirements. **EMI Response: There is no existing plant SCADA system. Therefore there are no SCADA or controls integration requirements into a plant SCADA system.**
5. Please clarify the allowable outage duration and sequencing requirements associated with the proposed sludge influent line tie-in work shown on Sheets Y1 and Y2. Please confirm whether shutdowns must occur during specific operational windows or under owner supervision. **EMI Response: Any shut down of plant operations or operations of the existing belt press must be**

- carefully coordinated with plant Operations Staff. See response to question 3 above. A short shut down period would be interpreted as 6 hours or less.**
6. Sheet Y1 identifies the proposed waterline as 2" PVC SDR 13.5 in multiple locations; however, a nearby note references an existing 8" waterline relocation. Please clarify the intended size, material, and routing of all proposed and relocated waterlines within the project area.. **EMI Response: There are two proposed water lines shown to be installed around the building. A 2" waterline on the north side and an 8" waterline relocation on the south side as shown on sheet Y1.**
 7. Please clarify the extent of owner-furnished / owner-provided equipment associated with the solids handling system, including but not limited to screw press equipment, conveyors, controls, electrical components, instrumentation, supports, appurtenances, and accessories. Please provide a complete owner-furnished equipment list.. **EMI Response: See Attachment 1 Huber shop drawings, to the technical specifications. This shop drawing includes a complete list of Owner provided equipment in Section 4 Scope of Supply starting on page 11.**
 8. Please clarify contractor responsibilities associated with owner-furnished equipment including Shipping coordination, Freight costs, Receiving/offloading, Storage requirements, Inspection upon delivery, Assembly/installation, Start-up support and protection from weather or damage prior to installation. **EMI Response: The Contractor WILL NOT be required to provide the following: Shipping coordination, Freight costs, Storage requirements, Inspection upon delivery, and protection from weather or damage prior to installation. The Contractor WILL be required to provide receiving/offloading when the equipment is delivered to the site by the manufacturer. Once the proposed building is able to store the equipment the Contractor shall allow the Owner to schedule delivery of the equipment. The Contractor shall provide assembly and installation of the Owner provided equipment. The Contractor shall provide start up support duties required outside the start up duties provided by the manufacturer.**
 9. Please clarify restoration requirements associated with the proposed 24" RCP installation beneath the existing asphalt roadway. Specifically confirm whether full asphalt pavement repair/replacement is required following trenching operations or if disturbed areas may be transitioned into the proposed gravel drive improvements. **EMI Response: There is no existing asphalt pavement in the work area. All driveways in the work area are gravel.**
 10. Sheet C2 indicates relocation of the existing shed/carport and directs contractor to coordinate final location with the City. Please clarify whether relocation is intended onsite or offsite and confirm contractor responsibility for demolition, transport, foundation preparation, reinstallation, utility reconnections, and associated restoration work.. **EMI Response: The relocation of said structures will be to a location somewhere on the WPCP site. The structures may need to be disassembled in order to move. You will not be required to reassemble or provide foundations, utility reconnections, etc. You will not be required to take them offsite.**
 11. Upon completion of the new solids handling facility, please confirm whether the existing beltpress equipment, associated piping, and existing building structures are to remain operational, remain abandoned in place, or be demolished/removed under this contract scope.. **EMI Response: The existing beltpress equipment, associated piping, and existing building structures are to remain abandoned in place. If prior to construction completion the Owner decides to ask the Contractor to demolish the existing building and equipment a change order will be negotiated.**
 12. Please clarify responsibility for startup, commissioning, functional testing, operator training, and manufacturer/vendor field services associated with the screw press equipment and conveyor systems. **EMI Response: The Contractor will be required install all Owner provided equipment and coordinate with the manufacturer to make the equipment ready for testing and startup. The Contractor will be required to provide adequate personnel on site to assist the manufacturer with testing and startup.**
 13. Please confirm whether geotechnical information, soils reports, compaction requirements, and groundwater information are available for the project site. If available, please provide for

contractor review and pricing validation. **EMI Response: No geotechnical investigation has been conducted at the site. No groundwater or rock is expected in the work area. The Owner may elect to have a geotechnical investigation completed prior to start of construction.**

14. Please clarify whether any hazardous materials testing, contaminated soils evaluation, or environmental remediation is anticipated within the demolition or excavation areas associated with the existing sludge handling facilities. **EMI Response: None expected. If any of these services are discovered to be needed a change order will be negotiated.**
15. Please clarify contractor access restrictions, allowable work hours, laydown/storage areas, and operational constraints associated with maintaining continuous wastewater treatment plant operations during construction. **EMI Response: Coordination of Contractor access and allowable work hours will be discussed at the pre-construction conference. The Contractor will be able to use areas of the plant site for laydown/storage. Specific areas will be discussed at the pre-construction conference. See response to question 3 above for operational constraints associated with maintaining continuous wastewater treatment plant operations during construction.**

Specifications

- Table of Contents
 - The Table of Contents lists specification section 16000 Electrical Work as one of the technical specification. There is no section 16000, so please disregard.

Plans

- Plan sheet G2 – General Notes & Legend
 - Sheet G2 was inadvertently left out of the plan set. See attached plan sheet.
- Plan sheet S0 – General Notes
 - In the design information the International Building Code (IBC) 2018 with Georgia Amendments is referenced. IBC 2024, the latest code, should have been referenced. IBC 2024 shall be utilized.

END OF ADDENDUM NO. 1

Z:\PROJECTS\21\21056 Baldwin Solids Handling Building\Design Stage\DS18-Specifications\Addendum 1\AddendumNo 1 052626.docx

GENERAL NOTES:

- LOCATION OF LOT LINES, PROPERTY LINES, RIGHT-OF-WAY LINES, AND OTHER LAND DIVISION REFERENCES WERE OBTAINED FROM RECORDED DATA, HABERSHAM COUNTY TAX MAPS, AND LAND USE OBSERVATIONS. THE LAND DIVISIONS WERE NOT FIELD CHECKED. THEREFORE, THEY MUST ONLY BE CONSIDERED TO APPROXIMATELY REPRESENT THE ACTUAL LAND DIVISIONS, PROPERTY AND/OR EASEMENTS.
- THE CONTRACTOR SHALL NOTIFY EACH INDIVIDUAL UTILITY OWNER OF HIS PLAN OF OPERATION IN THE AREA OF WORK. PRIOR TO COMMENCING WORK, THE CONTRACTOR SHALL CONTACT THE UTILITY LOCATION SERVICE AND REQUEST THEM TO PROPERLY LOCATE THEIR RESPECTIVE UTILITY ON THE GROUND. THIS NOTIFICATION SHALL BE GIVEN AT LEAST THREE BUSINESS DAYS PRIOR TO COMMENCEMENT OF WORK.
- CONTRACTOR TO NOTIFY THE UTILITY PROTECTION AGENCY 72 HOURS PRIOR TO START OF WORK. PHONE 1-800-282-7411.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ADJUSTMENT OR RELOCATION OF ALL EXISTING UTILITIES, WITH THE EXCEPTION OF POWER AND TELEPHONE. ALL COSTS AND/OR FEES RESULTING FROM UTILITY ADJUSTMENT OR RELOCATION SHALL BE PAID FOR BY THE CONTRACTOR.
- CONTRACTOR SHALL VERIFY LOCATION AND ELEVATION OF ALL UTILITIES PRIOR TO EXCAVATION OR DEMOLITION. ADDITIONAL UTILITIES MAY NOT BE SHOWN ON THESE PLANS. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR LOCATIONS SHOWN.
- IF THE CONTRACTOR DAMAGES ANY EXISTING UTILITIES DURING CONSTRUCTION, HE SHALL, AT HIS OWN EXPENSE, HAVE REPLACED OR REPAIRED THE UTILITIES TO THEIR ORIGINAL OR BETTER CONDITION AND QUALITY, AS APPROVED BY THE OWNER AND REPRESENTATIVE OF THE APPROPRIATE UTILITY COMPANY. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR CONTACTING ALL AFFECTED UTILITIES PRIOR TO SUBMITTING HIS BID IN ORDER TO DETERMINE THE EXTENT TO WHICH UTILITY RELOCATION'S AND/OR ADJUSTMENT WILL AFFECT THE SCHEDULING OF WORK FOR THE PROJECT. SOME UTILITY FACILITIES MAY NEED TO BE ADJUSTED CONCURRENTLY WITH THE CONTRACTOR'S OPERATIONS, WHILE SOME WORK MAY BE REQUIRED "AROUND" UTILITY FACILITIES THAT WILL REMAIN IN PLACE. IT IS UNDERSTOOD AND AGREED THAT THE CONTRACTOR WILL RECEIVE NO ADDITIONAL COMPENSATION FOR ANY DELAYS OR INCONVENIENCE CAUSED BY THE UTILITY ADJUSTMENTS.
- CONTRACTOR SHALL MEET ALL LOCAL UTILITY COMPANY REGULATIONS IN ANY READJUSTMENT OR RELOCATION OF EXISTING SERVICES.
- A MINIMUM HORIZONTAL SEPARATION OF 10' SHALL BE MAINTAINED BETWEEN WATER LINES AND SANITARY SEWER LINES UNLESS OTHERWISE SHOWN. AN 18" MINIMUM VERTICAL SEPARATION SHALL BE MAINTAINED AT CROSSINGS OF WATER AND SEWER LINES. WHEN CROSSING A WATER LINE OR SEWER LINE, PIPE JOINTS SHALL BE PLACED AS FAR AWAY AS POSSIBLE FROM THE OTHER PIPE.
- ALL CONSTRUCTION STAKING SHALL BE BY THE CONTRACTOR AT HIS EXPENSE.
- WHEN CONSTRUCTION INVOLVES THE REMOVAL OF FENCE, POLES, SIDEWALKS, DRIVE, TEMPORARY OR FIXED STRUCTURES, THE CONTRACTOR AT HIS EXPENSE SHALL PROVIDE FOR TEMPORARY SERVICE OR CONTAINMENT TO THE AFFECTED PROPERTY, AND SHALL REPLACE SUCH ITEMS WITH SIMILAR OR BETTER MATERIALS AS SOON AS PRACTICAL OR AS DIRECTED BY THE OWNER FOLLOWING UTILITY INSTALLATION.
- THE CONTRACTOR SHALL RESTORE OR HAVE RESTORED, AT HIS EXPENSE, ALL EXISTING FACILITIES WHICH HAVE BEEN DAMAGED DUE TO HIS CONSTRUCTION ACTIVITIES, TO THE ORIGINAL OR BETTER CONDITION. THE CONTRACTOR SHALL UTILIZE THE SAME MATERIAL COMPOSITION AS EXISTING TO REPLACE THE EXISTING FACILITIES UNLESS APPROVED OTHERWISE BY THE OWNER.
- SEE SHEETS EC1 FOR SOIL EROSION AND SEDIMENT CONTROL INFORMATION.
- PEDESTRIAN AND LOCAL VEHICULAR TRAFFIC SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION. SAFETY DEVICES AND FLAGMEN SHALL BE PROVIDED BY THE CONTRACTOR AT HIS EXPENSE. WRITTEN PERMISSION TO CLOSE THE CONSTRUCTION AREA TO TRAFFIC MUST BE OBTAINED FROM THE APPROPRIATE GOVERNMENT AGENCY PRIOR TO THE CLOSING. ALL LOCAL EMERGENCY SERVICES SHALL BE NOTIFIED IN WRITING A MINIMUM 72 HOURS PRIOR TO ROAD CLOSINGS.
- DURING CONSTRUCTION THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING TEMPORARY TRAFFIC CONTROL MEASURES TO ENSURE SAFETY AT ALL TIMES FOR EMPLOYEES, RESIDENTS, AND MOTORISTS, IN ACCORDANCE WITH THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" LATEST REVISION.
- IN ACCORDANCE WITH THE GENERALLY ACCEPTED CONSTRUCTION PRACTICES THE CONTRACTOR WILL BE SOLELY AND COMPLETELY RESPONSIBLE FOR THE CONDITIONS OF THE JOB SITE, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING PERFORMANCE OF THE WORK. THIS REQUIREMENT WILL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF PROPER SHORING OF TRENCHES IN ACCORDANCE WITH OCCUPATIONAL SAFETY LAWS. THE DUTIES OF THE PROJECT CIVIL ENGINEER DO NOT INCLUDE REVIEW OF THE ADEQUACY OR THE CONTRACTOR'S SAFETY IN, ON, OR NEAR THE CONSTRUCTION SITE.
- SURVEY AND CONTOUR INFORMATION FOR THE WATER TREATMENT PLANT IS BY LAND DEVELOPMENT SURVEYORS.
- CONTRACTOR IS RESPONSIBLE FOR REPLACING ALL PROPERTY PINS THAT ARE DISTURBED DURING CONSTRUCTION ACTIVITIES.
- DISTURBED LANDSCAPE AREAS SUCH AS TREES, SHRUBS, GRASS LAWNS, ETC. SHALL BE RESTORED AND REPLACED WITH MATERIALS OF LIKE KIND (I.E.: SOD LAWNS SHALL BE REPLACED WITH SOD OF SAME VARIETY AND QUALITY). THE CONTRACTOR WILL BE RESPONSIBLE FOR REPLACING ANY EXISTING TREES, SHRUBS, GRASS LAWNS, OR OTHER EXISTING LANDSCAPE PLANT MATERIALS THAT ARE DAMAGED OR KILLED AS A RESULT OF CONSTRUCTION ACTIVITIES FOR ONE YEAR AFTER CONSTRUCTION. PLANT MATERIAL SHALL BE REPLACED WITH LIKE SIZE AND KIND OR PROPERTY OWNER SHALL BE APPROPRIATELY COMPENSATED. COMPENSATION WILL BE APPRAISED BY A QUALIFIED LANDSCAPE COMPANY.
- THE WASTE WATER TREATMENT PLANT SHALL REMAIN IN SERVICE DURING CONSTRUCTION. OWNER MAY BE ABLE TO SUSPEND FLOWS FOR SHORT PERIODS OF TIME IF NEEDED. IF LONGER PERIODS OF SHUT DOWN OF VARIOUS COMPONENTS ARE NECESSARY CONTRACTOR MAY BE REQUIRED TO BY-PASS THE FLOW FROM AREAS OF WORK. DETAILED PLANS AND COORDINATION FOR BY-PASSING SHALL BE APPROVED BY ENGINEER AND OWNER.
- THE CONTRACTOR SHALL MAINTAIN ACCESS ROADS INSIDE THE PLANT DURING CONSTRUCTION. EXCESS MUD SHALL BE REMOVED AND TEMPORARY G.A.B. OR SURGE STONE SHALL BE INSTALLED DURING CONSTRUCTION AT THE DISCRETION OF THE OWNER SO AS TO PERMIT CLEAN, SAFE ACCESS TO THE PLANT COMPONENTS AT ALL TIMES.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE AND SECURE AN APPROPRIATE STAGING AREA (OR AREAS) FOR THE DURATION OF THE PROJECT. THE STAGING AREA (OR AREAS) SHALL PROVIDE A SECURE LOCATION WHERE THE CONTRACTOR CAN STORE MATERIALS DURING THE CONSTRUCTION OF THE PROJECT. PUBLIC ROAD RIGHT-OF-WAYS CANNOT BE USED AS STAGING AREAS. THE CONTRACTOR WILL BE SOLELY RESPONSIBLE FOR SECURITY OF THE STAGING AREA (OR AREAS). THE OWNER WILL NOT BE RESPONSIBLE FOR ANY THEFT OR OTHER LOSS OF MATERIALS OR EQUIPMENT FROM THE JOB SITE OR FROM A STAGING AREA. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH THE STAGING AREA. NO SEPARATE PAYMENTS WILL BE MADE TO THE CONTRACTOR FOR THE STAGING AREA.
- CONTRACTOR SHALL PROVIDE THE SERVICES OF A GEOTECHNICAL ENGINEER FOR ALL COMPACTION AND MATERIALS TESTING FOR THE PROJECT

UTILITY OWNER INFORMATION		
POWER:	GEORGIA POWER HABERSHAM EMC	PHONE: (888) 660-5890 PHONE: (706) 754-2114
LOCAL TELEPHONE/ TELECOMMUNICATIONS:	WNDSTREAM	PHONE: (800) 501-1754
WATER SYSTEM:	CITY OF BALDWIN	PHONE: (706) 778-6341
SANITARY SEWER:	CITY OF BALDWIN	PHONE: (706) 778-6341
NATURAL GAS:	ATLANTA GAS LIGHT	PHONE: (800) 427-5463

CLEARING NOTE:

CONTRACTOR IS RESPONSIBLE FOR ALL AND ANY CLEARING NECESSARY IN ACCORDANCE WITH SPECIFICATION SECTION 02100.

OBSTRUCTIONS ENCOUNTERED:

IN ADDITION TO SHOWING THE STRUCTURES TO BE BUILT FOR THIS PROJECT, THE DRAWINGS SHOW CERTAIN INFORMATION OBTAINED BY THE ENGINEER REGARDING THE PIPES, POLE LINES, CONDUITS AND OTHER STRUCTURES WHICH EXIST ALONG THE LINE OF THE WORK, BOTH AT AND BELOW THE SURFACE OF THE GROUND. THE ENGINEER AND THE OWNER EXPRESSLY DISCLAIM ANY RESPONSIBILITY FOR THE ACCURACY OR COMPLETENESS OF THE INFORMATION GIVEN ON THE DRAWINGS WITH REGARD TO EXISTING STRUCTURES, AND THE CONTRACTOR WILL NOT BE ENTITLED TO ANY EXTRA COMPENSATION ON ACCOUNT OF INACCURACY OR INCOMPLETENESS OF SUCH INFORMATION, SAID STRUCTURES BEING INDICATED ONLY FOR THE CONVENIENCE OF THE CONTRACTOR, WHO MUST VERIFY THE INFORMATION TO HIS OWN SATISFACTION. THE GIVING OF THIS INFORMATION UPON THE CONTRACT DRAWINGS WILL NOT RELIEVE THE CONTRACTOR OF HIS OBLIGATION TO SUPPORT AND PROTECT ALL PIPES, CONDUITS, AND OTHER STRUCTURES WHICH MAY BE ENCOUNTERED DURING THE CONSTRUCTION OF WORK, AND TO MAKE GOOD ALL DAMAGES DONE TO SUCH PIPES, CONDUITS, AND OTHER STRUCTURES, AS PROVIDED IN THESE SPECIFICATIONS. THE CONTRACTOR SHALL LOCATE ALL UNDERGROUND OBSTRUCTIONS PRIOR TO EXCAVATION SO AS TO PREVENT DAMAGE TO THOSE SERVICES OR OTHER UTILITIES. ANY SUCH DAMAGES MUST BE REPAIRED WITHOUT DELAY AND THE COST OF SUCH REPAIRS SHALL BE PAID FOR BY THE CONTRACTOR.

ABBREVIATION		ABBREVIATION	
AFF, A.F.F.	ABOVE FINISHED FLOOR	INV	INVERT
AL	ALUMINUM	I.E., IE	INVERT ELEVATION
ARV	AIR RELEASE VALVE	IPF	IRON PIN FOUND
BLDG	BUILDING	JB	JUNCTION BOX
BM	BENCHMARK	JT	JOINT
BTM	BOTTOM	L.F., L.F.	LINEAR FOOT
BW	BARBED WIRE	MATL, MATL.	MATERIAL(S)
C&G	CURB AND GUTTER	MAX	MAXIMUM
CB	CATCH BASIN	MFG, MFR	MANUFACTURER
CF, C.F.	CUBIC FEET	MH	MANHOLE
C/L	CENTER LINE	MIN	MINIMUM
CLMN	COLUMN	MJ	MECHANICAL JOINT
CLVT	CULVERT	N.A., N/A	NOT APPLICABLE
CMP	CORRUGATED METAL PIPE	N.I.C.	NOT IN THIS CONTRACT
CO, C/O	CLEANOUT	N/F	NOW OR FORMERLY
CONC	CONCRETE	N.T.S.	NOT TO SCALE
CONSTR	CONSTRUCTION	OPNG	OPENING
CONT, CONTD	CONTINUED	PERM	PERMANENT
CY, C.Y.	CUBIC YARD	PJF	PRE MOLDED JOINT FILLER
D.E.	DRAINAGE EASEMENT	P/L	PROPERTY LINE
DEPT	DEPARTMENT	PP	POWER POLE
DI	DROP INLET	PVC	POLYVINYLCHLORIDE PIPE
DIAG	DIAGONAL	PVMT	PAVEMENT
D.I., D.I.P.	DUCTILE IRON PIPE	RCP	REINFORCED CONCRETE PIPE
DW	DRIVEWAY	REINF	REINFORCE, REINFORCING
EL, ELEV	ELEVATION	REQD	REQUIRED
EOP	EDGE OF PAVEMENT	R.W., R.O.W.	RIGHT OF WAY
ER	EDGE OF ROAD	SAN	SANITARY
ESMT	EASEMENT	SERV	SERVICE
EQUIP, EQUIP.	EQUIPMENT	SHT	SHEET
EX, EXIST	EXISTING	SPG	SPACING
EQ, EQL	EQUAL	SSE	SANITARY SEWER EASEMENT
FAB	FABRICATED	SS, SST	STAINLESS STEEL
FES	FLARED END SECTION	STA	STATION
FFE, F.F.E.	FINISHED FLOOR ELEVATION	STRC	STRUCTURE
FH	FIRE HYDRANT	S/W	SIDEWALK
FIN	FINISHED	T.O.	TOP OF
FM	FORCEMAIN	TBM	TEMPORARY BENCHMARK
FUT	FUTURE	TEMP	TEMPORARY
GDOT	GEORGIA DEPARTMENT OF TRANSPORTATION	UP	UTILITY POLE
GMD	GEORGIA MILITIA DISTRICT	UTIL	UTILITY
GV	GAS VALVE	VERT	VERTICAL
GW	GUY WIRE	WWM	WELDED WIRE MESH
HC	HANDICAPPED	VCP	VITRIFIED CLAY PIPE
HDPE	HIGH DENSITY POLYETHYLENE	WL	WATER LINE
HDWL	HEADWALL	WM	WATER METER
HORIZ	HORIZONTAL	WS	WATER STOP
LP	LIGHT POLE	WV	WATER VALVE

EXISTING		LEGEND		PROPOSED	
—R/W—	ROAD RIGHT OF WAY	—R/W—	ROAD RIGHT OF WAY	—R/W—	ROAD RIGHT OF WAY
-P/L-	PROPERTY LINE	-P/L-	PROPERTY LINE	-P/L-	PROPERTY LINE
[Symbol]	ROAD PAVEMENT	[Symbol]	ROAD PAVEMENT	[Symbol]	ROAD PAVEMENT
-----739-----	CONTOUR (MINOR)	-----101-----	CONTOUR (MINOR)	-----101-----	CONTOUR (MINOR)
-----740-----	CONTOUR (MAJOR)	-----105-----	CONTOUR (MAJOR)	-----105-----	CONTOUR (MAJOR)
—FM—	SANITARY FORCE MAIN	—FM—	SANITARY FORCE MAIN	—FM—	SANITARY FORCE MAIN
N/A	AIR RELEASE/VACUUM VALVE	(AV)	AIR RELEASE/VACUUM VALVE	(AV)	AIR RELEASE/VACUUM VALVE
—SS—	SANITARY SEWER LINE	—SS—	SANITARY SEWER LINE	—SS—	SANITARY SEWER LINE
(S)	MANHOLE	(S)	MANHOLE	(S)	MANHOLE
[Symbol]	TREATMENT PLANT WATER LINES (SIZE AND MATL AS NOTED ON PLANS)	[Symbol]	TREATMENT PLANT WATER LINES (SIZE AND MATL AS NOTED ON PLANS)	[Symbol]	TREATMENT PLANT WATER LINES (SIZE AND MATL AS NOTED ON PLANS)
—OT— OT —	OVERHEAD TELEPHONE LINE	N/A	OVERHEAD TELEPHONE LINE	N/A	OVERHEAD TELEPHONE LINE
—UT— UT —	UNDERGROUND TELEPHONE LINE	N/A	UNDERGROUND TELEPHONE LINE	N/A	UNDERGROUND TELEPHONE LINE
—UP—	UNDERGROUND POWER LINE	N/A	UNDERGROUND POWER LINE	N/A	UNDERGROUND POWER LINE
—OHP—	OVERHEAD POWER LINE	N/A	OVERHEAD POWER LINE	N/A	OVERHEAD POWER LINE
[Symbol]	UTILITY POLE	N/A	UTILITY POLE	N/A	UTILITY POLE
[Symbol]	UTILITY POLE GUY WIRE	N/A	UTILITY POLE GUY WIRE	N/A	UTILITY POLE GUY WIRE
[Symbol]	LIGHT POLE	N/A	LIGHT POLE	N/A	LIGHT POLE
[Symbol]	WATER GATE VALVE	[Symbol]	WATER GATE VALVE	[Symbol]	WATER GATE VALVE
[Symbol]	YARD PIPING (TYPE, SIZE, AND MATL AS NOTED ON PLANS)	[Symbol]	YARD PIPING (TYPE, SIZE, AND MATL AS NOTED ON PLANS)	[Symbol]	YARD PIPING (TYPE, SIZE, AND MATL AS NOTED ON PLANS)
[Symbol]	WATER METER	[Symbol]	WATER METER	[Symbol]	WATER METER
[Symbol]	CHAINLINK FENCE	[Symbol]	CHAINLINK FENCE	[Symbol]	CHAINLINK FENCE
[Symbol]	GATE VALVE	[Symbol]	GATE VALVE	[Symbol]	GATE VALVE
[Symbol]	FIRE HYDRANT	[Symbol]	FIRE HYDRANT	[Symbol]	FIRE HYDRANT
[Symbol]	YARD HYDRANT	[Symbol]	YARD HYDRANT	[Symbol]	YARD HYDRANT
[Symbol]	STORM CULVERT	[Symbol]	STORM CULVERT	[Symbol]	STORM CULVERT
[Symbol]	DROP INLET	[Symbol]	DROP INLET	[Symbol]	DROP INLET
N/A	CONCRETE HEADWALL	[Symbol]	CONCRETE HEADWALL	[Symbol]	CONCRETE HEADWALL
N/A	CONCRETE JUNCTION BOX	[Symbol]	CONCRETE JUNCTION BOX	[Symbol]	CONCRETE JUNCTION BOX
N/A	STORM CULVERT METAL END SECTION	[Symbol]	STORM CULVERT METAL END SECTION	[Symbol]	STORM CULVERT METAL END SECTION
-----	C/L DRAINAGE DITCH	-----	C/L DRAINAGE DITCH	-----	C/L DRAINAGE DITCH
-----	C/L EXISTING STREAM	N/A	C/L EXISTING STREAM	N/A	C/L EXISTING STREAM
[Symbol]	RAILROAD TRACK	N/A	RAILROAD TRACK	N/A	RAILROAD TRACK
N/A	RIPRAP	[Symbol]	RIPRAP	[Symbol]	RIPRAP
[Symbol]	UNDERGROUND TELEPHONE POST/SIGN	N/A	UNDERGROUND TELEPHONE POST/SIGN	N/A	UNDERGROUND TELEPHONE POST/SIGN
[Symbol]	TREE	N/A	TREE	N/A	TREE
[Symbol]	TREELINE	N/A	TREELINE	N/A	TREELINE
N/A	TEMPORARY CONSTRUCTION EASEMENT	-----	TEMPORARY CONSTRUCTION EASEMENT	-----	TEMPORARY CONSTRUCTION EASEMENT
N/A	PERMANENT CONSTRUCTION EASEMENT	-----	PERMANENT CONSTRUCTION EASEMENT	-----	PERMANENT CONSTRUCTION EASEMENT
—FO—	FIBER OPTIC LINE	N/A	FIBER OPTIC LINE	N/A	FIBER OPTIC LINE
—G—	GAS LINE	—G—	GAS LINE	—G—	GAS LINE
[Symbol]	BENCH MARK	N/A	BENCH MARK	N/A	BENCH MARK
N/A	CONTROL POINT	[Symbol]	CONTROL POINT	[Symbol]	CONTROL POINT
N/A	SPOT ELEVATION	[Symbol]	SPOT ELEVATION	[Symbol]	SPOT ELEVATION

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DATE	NO.	DESCRIPTION
11/15/2023	A	SUBMIT FOR EPD REVIEW
04/20/2024	B	RELEASED FOR BIDS

ENGINEERING MANAGEMENT ASSOCIATION, INC.
Experience • Trust • Solutions

303 Swanson Drive, Lawrenceville, GA 30043
phone 770-962-1387 Fax # 770-962-8010
www.eminc.biz

BALDWIN WPCP
NEW SOLIDS HANDLING BUILDING
CITY OF BALDWIN, GEORGIA
HABERSHAM COUNTY, GEORGIA - G.M.D. 1612

GENERAL NOTES & LEGEND

SHEET TITLE

CHECKED BY: **HMM**
DRAWN BY: **KLP**
DESIGN BY: **KLP**

GEORGIA
REGISTERED PROFESSIONAL ENGINEER
No. 4120126
4/20/24
H. HUBERT H. MCGUIRE, JR., P.E.

STAMP

11-10-2023
DATE
21056
JOB NUMBER
z: Projects
FILE LOCATION

G2

GEORGIA811
Utilities Protection Center, Inc.
Know what's below.
Call before you dig.

REVISION

PROJECT

SHEET

PATH & FILE: Z:\PROJECTS\21056 Baldwin Solids Handling Building\Bldg Plan\BID SET 042024

- SYMBOL KEY:**
- THERMOSTAT LOCATION
 - UNIT HEATER
 - EXHAUST FAN
 - HOSE BIBB
 - FLOOR DRAIN
 - FLOOR CLEANOUT

PER MANUFACTURER
 INCLINED CONVEYOR WEIGHT (EMPTY): 1765 LBS
 DISTRIBUTION CONVEYOR WEIGHT (EMPTY): 1350 LBS

LOUVER SCHEDULE					
SYMBOL	MAKE	MODEL	SIZE	VOLTAGE	QUANTITY
L1	ARROW OR APPROVED EQUAL	EA-680-DM	24 X 30	120/1 PHASE	2

- LOUVER NOTES:**
- LOUVER SHALL BE ALUMINUM.
 - LOUVER SHALL BE INTAKE STYLE.
 - PROVIDE INSECT SCREEN.
 - PROVIDE MOTOR OPERATED DAMPER.
 - PROVIDE CORROSION RESISTANT COATING.

HEATER SCHEDULE							
SYMBOL	MAKE	MODEL	KW	CONTROLS	MOUNTING	VOLTAGE	QUANTITY
UH-1	TRANE OR APPROVED EQUAL	UHEC-10	10	INTERNAL	HORIZONTAL THROW	480/3 PHASE	2

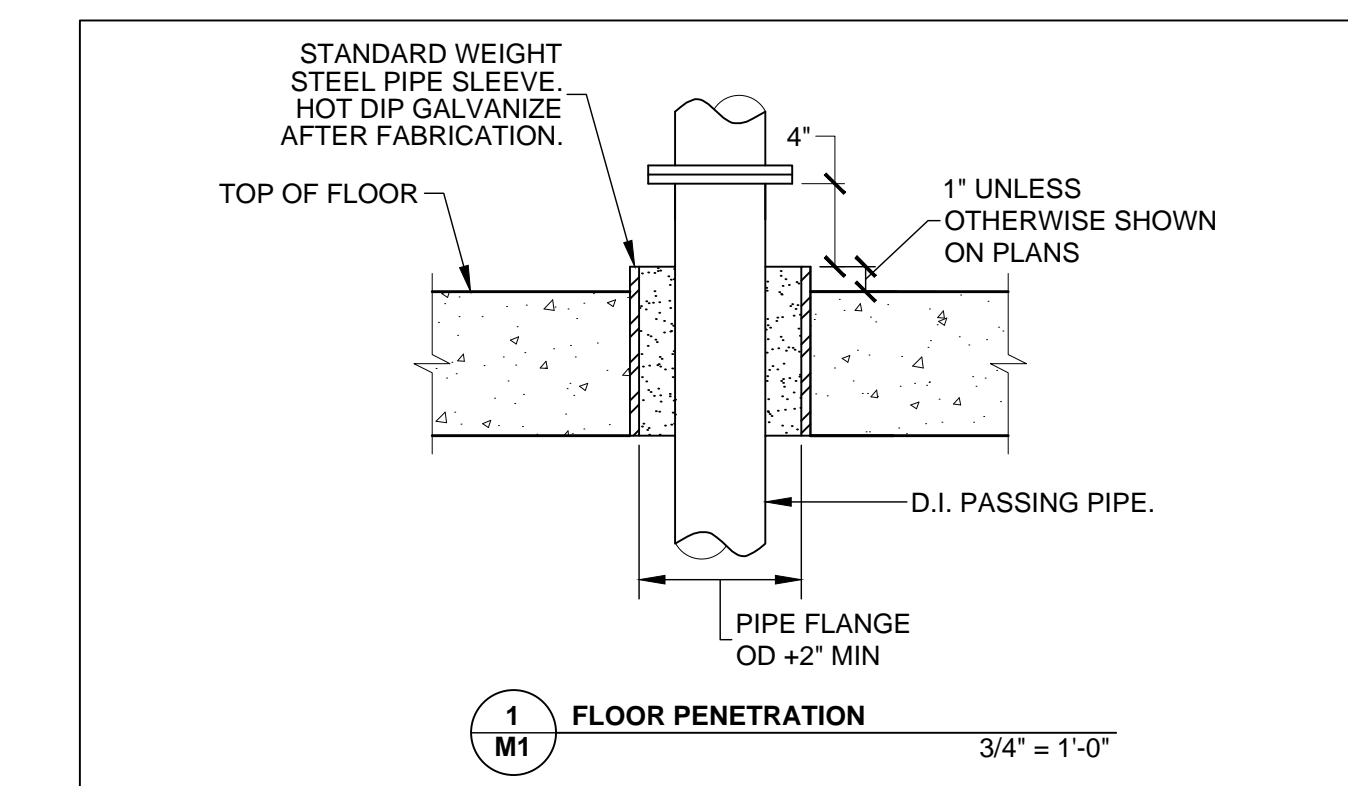
- HEATER NOTES:**
- MOUNT BOTTOM OF UNIT MIN. 6'-6" AFF.
 - STANDARD TYPE NON-EXPLOSION PROOF HEATER.

FAN SCHEDULE									
SYMBOL	MAKE	MODEL	C.F.M.	R.P.M.	S.P.	MOTOR HP	DRIVE	VOLTAGE	QUANTITY
F1	PENN OR APPROVED EQUAL	BLL24	3500	825	0.25	1/2	BELT	460/3 PHASE	1

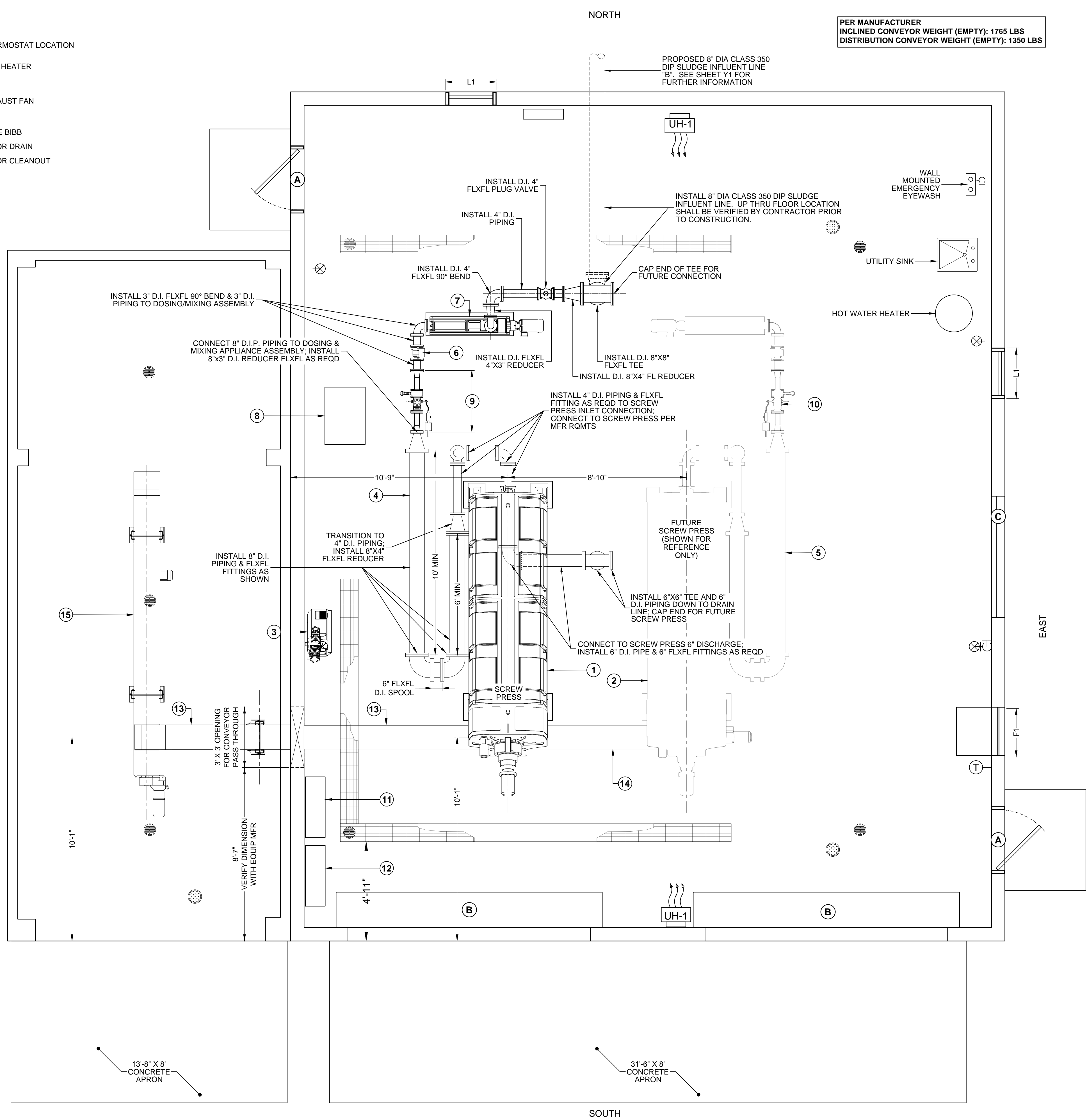
- FAN NOTES:**
- PROVIDE REAR GUARD, BACKDRAFT DAMPER, WALL SHUTTER AND WALL SLEEVE.
 - CONTROL FROM THERMOSTAT.
 - PROVIDE WITH CORROSION RESISTANT COATING.
 - PROVIDE INSECT SCREEN AND BIRD SCREEN.
 - INTERLOCK FAN WITH WALL LOUVERS.

KEY NOTES	
1	PROPOSED HUBER SCREW PRESS (Q-PRESS 620.2) *
2	FUTURE HUBER SCREW PRESS (Q-PRESS 620.2) SHOWN FOR REFERENCE ONLY
3	PROPOSED AIR COMPRESSOR; FIELD LOCATE. SEE SHEET NOTE 16. *
4	PROPOSED FLOCCULATION REACTOR DUCTILE IRON PIPING
5	FUTURE FLOCCULATION REACTOR; SHOWN FOR REFERENCE ONLY
6	PROPOSED INDUCTIVE FLOW METER *
7	PROPOSED PROGRESSIVE CAVITY PUMP NETZCH NM045B01L *
8	PROPOSED POLYMER BLENDING STATION; FIELD LOCATE. SEE SHEET NOTE 16. *
9	PROPOSED POLYMER DOSING & MIXING APPLIANCE ASSEMBLY *
10	FUTURE POLYMER DOSING & MIXING APPLIANCE ASSEMBLY; SHOWN FOR REFERENCE ONLY
11	CONTROL PANEL; FIELD LOCATE. SEE SHEET NOTE 16. *
12	FUTURE CONTROL PANEL; SHOWN FOR REFERENCE ONLY
13	SCREW PRESS INCLINED CONVEYOR *
14	FUTURE SCREW PRESS CONVEYOR
15	OVERHEAD DISTRIBUTION CONVEYOR *
A	PEDESTRIAN EXTERIOR DOOR
B	12' X 12' COILING OVERHEAD DOOR
C	6' X 4' HORIZONTAL SLIDING ALUMINUM WINDOW

* ITEMS ABOVE INDICATED WITH AN ASTERISK SHALL BE SUPPLIED BY THE OWNER AND INSTALLED BY THE CONTRACTOR.



- SHEET NOTES:**
- ALL ABOVE GROUND PIPING SHALL BE PAINTED AND COLOR CODED PER SECTION 09900 OF THE SPECIFICATIONS.
 - PIPE LABELS AND FLOW DIRECTIONAL ARROWS ARE REQD ON ALL ABOVE GROUND PIPING. LETTERING HEIGHT AND COLORS OF PIPE MARKING LABELS SHALL BE PER ANSI A13.1-1981 SCHEME FOR IDENTIFICATION OF PIPING SYSTEMS.
 - PIPE MARKING LABELS SHALL BE POSITIONED ON PIPES SO THEY CAN BE EASILY READ AND LOCATED NEAR VALVES, BRANCHES, WHERE CHANGE IN DIRECTION OCCURS, OR ENTRY/RE-ENTRY POINTS THROUGH WALL OR FLOORS, AND ON STRAIGHT SEGMENTS WITH SPACING BETWEEN LABELS THAT ALLOWS FOR EASY IDENTIFICATION.
 - ALL FLOOR PIPE PENETRATIONS REQUIRE FLOOR SLEEVE PER DETAIL 1, SHEET M1.
 - DRAIN LINES AND SUMP SHALL BE LOCATED TO AVOID ANY CONFLICT WITH THE NEW AND FUTURE SCREW PRESS EQUIPMENT. VERIFY LOCATION OF SCREW PRESS EQUIPMENT WITH THE MANUFACTURER.
 - CONTRACTOR SHALL INSTALL 2" WATERLINE AND REQD PIPING AND CONNECTION FOR SCREW PRESS WATER SUPPLY. COORDINATE WITH EQUIP MFR.
 - CONTRACTOR SHALL INSTALL 1" WATERLINE AND OTHER REQD PIPING TO POLYMER BLEND SYSTEM. INSTALL POLYMER BLEND SYSTEM WATER PIPING PER EQUIPMENT MFR REQUIREMENTS.
 - EXHAUST FANS SHALL BE WIRED SUCH THAT WHEN EXHAUST FANS TURN ON/OFF LOUVERS OPEN/CLOSE.
 - EXHAUST FANS AND HEATERS SHALL BE CONTROLLED BY A WALL MOUNTED THERMOSTAT. A MANUAL ON/OFF SWITCH SHALL ALSO CONTROL EXHAUST FANS.
 - EXHAUST FANS SHALL BE MOUNTED WITH BOTTOM 9'-6" A.F.F.
 - LOUVERS SHALL BE INSTALLED WITH BOTTOM 6'-0" A.F.F.
 - CONTRACTOR SHALL INSTALL 1" PVC POLYMER FEED LINE TO POLYMER INJECTION RING PER EQUIPMENT MANUFACTURER REQUIREMENTS.
 - CONTRACTOR SHALL INSTALL A 4"x2" TEE IN THE FILTRATE LINE WITH A 1/2" BRASS BALL VALVE TO BE USED FOR FLUSHING AND SAMPLING PER MANUFACTURER RECOMMENDATIONS.
 - SEE SHEET M3 FOR POLYMER FEED LINE AND WATER LINE INFORMATION.
 - WHEN INSTALLING THE SCREW PRESS, THE CONTRACTOR SHALL COORDINATE AND WORK CLOSELY WITH THE EQUIPMENT MANUFACTURER TO DETERMINE THE BEST LOCATION AND ARRANGEMENT OF THE CONTROL PANEL, PNEUMATIC CONTROL PANEL, AIR COMPRESSOR, AND OTHER ANCILLARY EQUIPMENT.



PLAN VIEW
 SCALE: 3/8" = 1'-0"

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DATE	NO.	DESCRIPTION
11/15/2023	A	SUBMIT FOR EPD REVIEW
04/20/2026	B	RELEASED FOR BIDS
05/27/2026	C	ADDENDUM NO. 1

BALDWIN WASTEWATER RECLAMATION FACILITY SCREW PRESS BUILDING
 CITY OF BALDWIN, GEORGIA
 HABERSHAM COUNTY, GEORGIA - G.M.D. 1612

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DESIGN BY	DRAWN BY	CHECKED BY
KLP	KLP	HIM

SCREW PRESS EQUIPMENT AND PIPING SHEET TITLE

GSWCC LEVEL II CERTIFICATION NO. 11380

GEORGIA REGISTERED PROFESSIONAL ENGINEER
 HARRY H. MCGALLISTER, JR.
 No. 28458
 5/27/26

STAMP

3/09/23	DATE
21056	JOB NUMBER
z:projects	FILE LOCATION

3/09/23 DATE
 21056 JOB NUMBER
 z:projects FILE LOCATION

11380

M1

PATH & FILE: Z:\PROJECTS\121056 Baldwin Solids Handling Building\Bldg Phase\BPP-Released for Bids\21056 SCREW PRESS BLDG SET (04282026.dwg)

SHEET