SITE LOCATION:

THE CAMPBELL KING HORSE SHOW BOWL

PROJECT:

CONSTRUCT LATRINE

APPROX. LIMITS AND BOUNDARIES OF CONSTRUCTION - THIS PAGE (LS5.1)

Document Design Levels:

1. Civil Document - 35% design (100% civil engineering design support required)
2. Architectural, Structural, Mechanical and Plumbing Documents - 100% design
3. Electrical Documents - 85% design (lightning protection design required to meet 100% design)

PRIMARY CONDUCTOR UNDERGROUND
RISER POLE
LED LIGHT
NOT IN CONTRACT
S4.2 NEW SITE RETAINING WALL WITH SAFETY RAIL
S4.3 NEW SITE RETAINING WALL WITH SAFETY RAIL
BIKE RACK (TYP)
2 LS6.3 PICNIC TABLE - 4 SEAT (TYP)
1 LS6.3 PICNIC TABLE - 6 SEAT (TYP)
5 LS6.3 LITTER RECEPTACLE (TYP)
3 LS6.2 DIRECTIONAL SIGN
2 LS6.2
A2.0 DUMPSTER ENCLOSURE
9 LS6.0 SITE FENCE DOUBLE GATE (TYP)
10 LS6.0 SITE FENCE PANEL (TYP)
SIDE WALK (TYP) 1 LS6.0
SIDE WALK (TYP) 5 LS6.0
3 LS6.0 EJ
2 LS6.0 CJ
7 LS6.3 BIKE RACK
BENCH (TYP) 4 LS6.3
8.00
PICNIC TABLE - 6 SEAT (TYP) 1 LS6.3
PHASE 2
NOT IN SCOPE OF WORK
(FOR REFERENCE ONLY)
Campbell King Plaza - Not In Contract
CWW Pump Station - Not In Contract
PUMP STATION
RESTROOM
CWW LIFT STATION (BY CWW)
CONTRACTOR TO COORDINATE SITE IMPROVEMENT WORK W/LIFT CWW INFRASTRUCTURE WORK
A1.0 BATHROOM FACILITY
1 LS6.1 CAMPBELL KING PLAZA
2 LS6.1 SECTION THRU PLAZA DISPLAY WALL
8 LS6.0 SITE FENCE SINGLE GATE (TYP)

The project limits includes all work inside the outlined area that includes the latrine structure, sidewalk and site furnishing(s) (highlighted in green). All work limits/boundaries are approximate and may vary based on the final A/E civil design. Any areas outside this area is not part of the project aside from where earthwork is required. The Campbell King Plaza and CWW Pump Station/sidewalk are not included in this project/contract. See Statement of Work for more detail and information on utilities/connections.

811 Know what's **below.** **Call** before you dig.

0 20 40 60 feet
SCALE: 1" = 20'

PRIME CONTRACT # W911SE-10-C-0011

TIYA Support Services
Tiya Support Services, LLC
BLDG. C-0007 IJO ADMIN
6501 10th Division Road
Fort Benning, Georgia 31905

GEORGIA REGISTERED LANDSCAPE ARCHITECT No. 921 GARY M. GULLATTE

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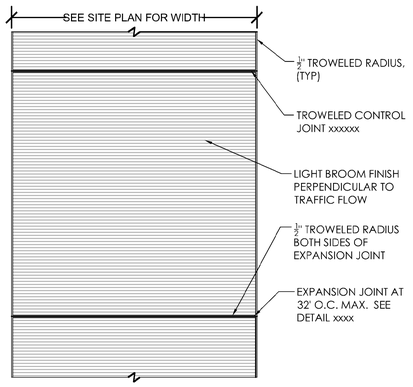
THE CAMPBELL KING HORSE SHOW BOWL
10th DIVISION ROAD
FORT BENNING, GEORGIA

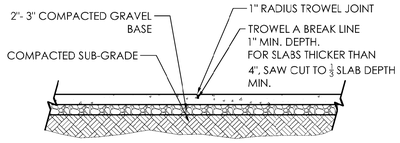
PROJECT NUMBER: C17023
ISSUE DATE: August 29, 2017
REVISIONS
Horse Bowl Latrine Project 8/17/2020
DRAWN: ---- REVIEWED: GMG

SHEET NUMBER
LS5.1

This document is only 35% design and will require civil engineering design support to finalize to 100% Contruction Document.

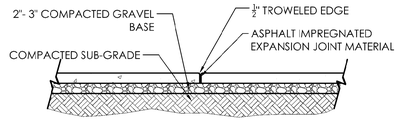


1 TYPICAL SIDEWALK PLAN
1/2" = 1'-0" P-64



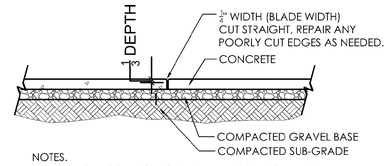
NOTES.
1. TROWELED CONTROL JOINTS SHALL BE STRAIGHT AND PERPENDICULAR TO ADJACENT UNLESS OTHERWISE SPECIFIED ON PLANS.
2. CONTROL JOINTS SHALL BE SPACED NO GREATER THAN 8'-0" ON CENTER, AND SHALL TYPICALLY BE EQUAL TO THE WIDTH OF THE SIDEWALK IN A REGULAR SPACING PATTERN.
3. CONTROL JOINTS MAY BE PLACED FOR AESTHETIC REASONS. SEE PLANS TO ENSURE SPACING AND LAYOUT ARE CORRECT. IF NO DIRECTION IS PROVIDED, ASSUME TYPICAL SPACING AS NOTED IN No. 2 ABOVE.
4. WHEN THE DEPTH OF SLAB EXCEEDS 4", A CONCRETE SAW IS REQUIRED TO CUT A DEEPER JOINT THAT IS A MINIMUM OF ¼ THE DEPTH OF THE SLAB.
5. DAMAGED JOINTS DUE TO EARLY CUTTING SHALL BE REPAIRED WITH PATCHING MORTAR.

2 TROWELED CONTROL JOINT
1/2" = 1'-0" P-65



NOTES.
1. EXPANSION JOINTS SHALL BE STRAIGHT AND PERPENDICULAR TO ADJACENT UNLESS OTHERWISE SPECIFIED ON PLANS.
2. EXPANSION JOINTS SHALL BE SPACED NO GREATER THAN 32'-0" ON CENTER.
3. EXPANSION JOINTS ARE REQUIRED AT ANY LOCATION WHERE NEW CONCRETE IS TO BE POURED AGAINST EXISTING MATERIALS.
4. EXPANSION JOINT MATERIAL IS TO BE POLY VOID FORM OR RUBBER TYPE, OR APPROVED EQUAL.
5. THE TOP OF ALL EXPANSION JOINTS SHALL BE ½" - ¾" BELOW THE FINISHED SURFACE OR AT THE BOTTOM OF THE RADIUS ON TROWELED JOINTS.
6. ALL JOINT MATERIAL SHALL PERFORM TO ASTM D-1751, AND SHALL BE A MINIMUM OF ½" THICK.
7. SEAL ALL EXPANSION JOINTS WITH SELF-LEVELING ELASTOMERIC SEALANT PER MANUFACTURER RECOMMENDATIONS.

3 TYPICAL EXPANSION JOINT
1/2" = 1'-0" P-67



NOTES.
1. SAW CUT CONTROL JOINTS SHALL BE STRAIGHT AND PERPENDICULAR TO ADJACENT UNLESS OTHERWISE SPECIFIED ON PLANS.
2. CONTROL JOINTS SHALL BE SPACED NO GREATER THAN 8'-0" ON CENTER, AND SHALL TYPICALLY BE EQUAL TO THE WIDTH OF THE SIDEWALK IN A REGULAR SPACING PATTERN.
3. CONTROL JOINTS MAY BE PLACED FOR AESTHETIC REASONS. SEE PLANS TO ENSURE SPACING AND LAYOUT ARE CORRECT. IF NO DIRECTION IS PROVIDED, ASSUME TYPICAL SPACING AS NOTED IN No. 2 ABOVE.
4. WHEN THE DEPTH OF SLAB EXCEEDS 4", A CONCRETE SAW IS REQUIRED TO CUT A DEEPER JOINT THAT IS A MINIMUM OF ⅓ THE DEPTH OF THE SLAB.
5. DAMAGED JOINTS DUE TO EARLY CUTTING SHALL BE REPAIRED WITH PATCHING MORTAR.

4 SAW CUT CONTROL JOINT
1/2" = 1'-0" P-69

NOTES.
1. SLAB SHALL BE POURED IN PLACE USING STANDARD GRAY, 3000 PSI @ 28 DAYS (UNLESS OTHERWISE SPECIFIED ON PLANS AND SPECIFICATIONS).
2. CONCRETE SURFACE SHALL BE FINISHED IN A LIGHT BROOM FINISH UNLESS OTHERWISE NOTED IN PLANS AND SPECIFICATIONS.
3. FORMS SHALL BE SET, AND OWNER'S REPRESENTATIVE NOTIFIED WITH A MINIMUM OF 24 HOURS NOTICE FOR INSPECTION PRIOR TO POURING.
4. ALL JOINTS SHALL BE TROWELED EXCEPT IN SLABS THICKER THAN 4". SAW CUT DEEPER JOINTS WHERE NECESSARY.
5. CONTRACTOR RESPONSIBLE FOR ENSURING THERE ARE NO LOW SPOTS, AND THAT SLAB DRAINS EFFECTIVELY. CONTRACTOR TO NOTIFY OWNER'S REPRESENTATIVE OF ANY CONCERNS REGARDING SLAB GRADES PRIOR TO MAKING CHANGES.
6. W.W.F. SHALL BE 6" x 6" GRID, W2.9 x W2.9 WELDED WIRE FLAT SHEETS OR NO. 3 REINFORCING STEEL, PLACED NOT MORE THAN 18" O.C. E.W.
7. OWNER MAY AUTHORIZE REMOVAL OF W.W.F. OR FIBER REINFORCING, BUT NOT BOTH.
8.

5 TYPICAL SIDEWALK SECTION OR LIGHT-DUTY SLAB
1/2" = 1'-0" P-70

PRIME CONTRACT # W911SE-10-C-0011

TIYA Support Services

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THE CAMPBELL KING
HORSE SHOW BOWL
10th DIVISION ROAD
FORT BENNING, GEORGIA

GENERAL DETAILS 1

PROJECT NUMBER: C17023
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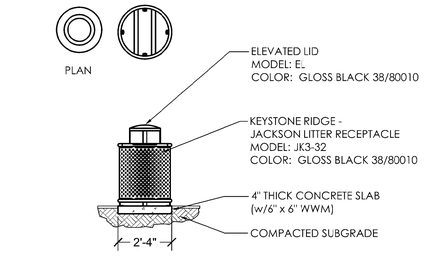
DRAWN: ---- REVIEWED: GMG

SHEET NUMBER
LS6.0

KEYSTONE RIDGE - JACKSON LITTER RECEPTACLE
IS BASIS OF DESIGN. "APPROVED EQUAL" SUBSTITUTES
ARE ACCEPTABLE.

FOLLOW MANUFACTURER INSTRUCTIONS FOR
ASSEMBLEY AND INSTALLATION.



5 JACKSON LITTER RECEPTACLE

3/8" = 1'-0" P-59

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THE CAMPBELL KING
HORSE SHOW BOWL
10th DIVISION ROAD
FORT BENNING, GEORGIA

GENERAL DETAILS 4

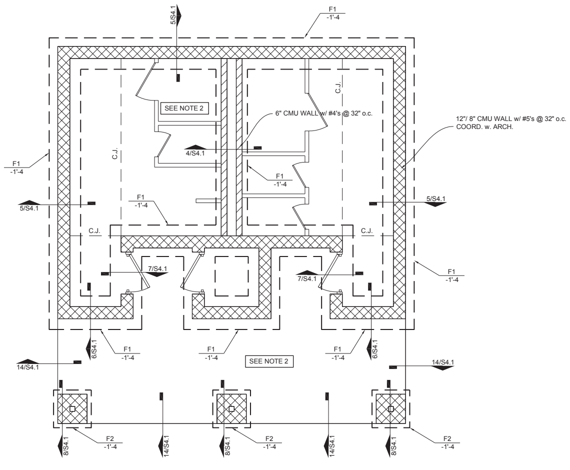
PROJECT NUMBER: C17023
ISSUE DATE: August 29, 2017
REVISIONS

Horse Bowl
Latrine Project
8/17/2020

DRAWN: --- REVIEWED: GMG

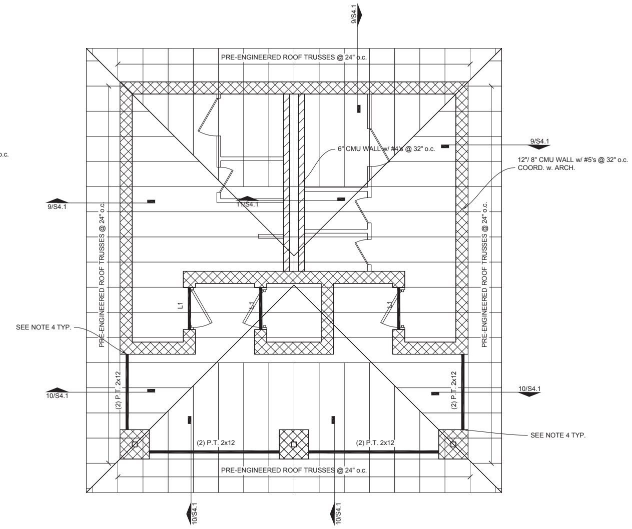
SHEET NUMBER

LS6.3



1 FOUNDATION PLAN

SCALE: 1/4"=1'-0



2 FRAMING PLAN

SCALE: 1/4"=1'-0

FOOTING SCHEDULE

MARK NO.	SIZE / DESCRIPTION	REINFORCING	REMARKS
F1	2'-6" x 1'-0" THK. STRIP	(3) #5's LONG. #5's LAT @ 24"o.c.	REINFORCE BOTOTM ONLY
F2	3'-0 SQ. x1'-0" THK.	#5's @ 8"o.c.e.w.	REINFORCE BOTOTM ONLY
F3	4'-0" x 1'-4" THK. STRIP	(3) #5's LONG. #5's LAT @ 24"o.c.	REINFORCE BOTOTM ONLY

PLAN NOTES:

1. C.J. ON PLAN DENOTES LOCATIONS OF CONTRACTION JOINTS. SEE 12/S4.1
2. 4" SLAB REINF. w/ 6x6 W1.2 x W1.2 W.W.F. COORD. ANY INTERIOR SLAB SLOPES/FINISHED w/ ARCH./ PLUMPING
3. L1 DENOTES AN 8" CMU BOND BEAM LINTEL w/ (2) #5's CONT.
4. EACH ROOF BEAM TO BE ATTACHED TO NAILER w/ (2) SIMPSON H3 CLIPS.
5. 6" SLAB REINF. w/ 6x6 W2.9 x W2.9 W.W.F.

PRIME CONTRACT # W911SE-10-C-0011

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WRIGHT ENGINEERING, LLC

THE CAMPBELL KING
HORSE SHOW BOWL
10th DIVISION ROAD
FORT BENNING, GEORGIA

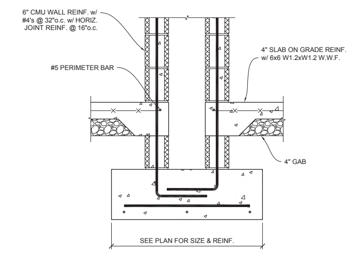
BUILDING PLANS

PROJECT NUMBER: C17023
ISSUE DATE: 08-29-2017
REVISIONS

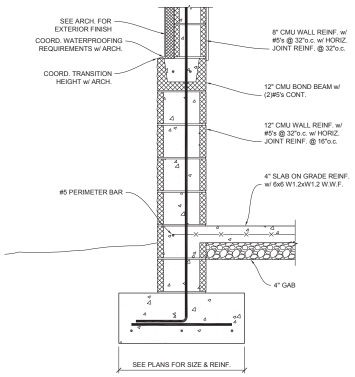
DRAWN: AH REVIEWED: BW

SHEET NUMBER
S1.2

Horse Bowl Latrine Project 8/17/2020

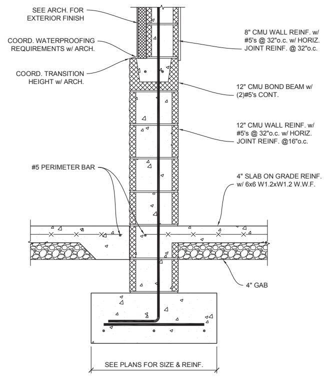


4 FOUNDATION SECTION
SCALE: 1"=1'-0



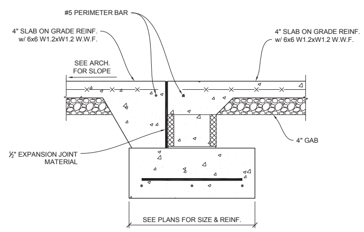
SEE ARCH. FOR EXTERIOR FINISH
COORD. WATERPROOFING REQUIREMENTS w/ ARCH.
COORD. TRANSITION HEIGHT w/ ARCH.
8" CMU WALL REINF. w/ #5's @ 32"o.c. w/ HORIZ. JOINT REINF. @ 32"o.c.
12" CMU BOND BEAM w/ (2)#5's CONT.
12" CMU WALL REINF. w/ #5's @ 32"o.c. w/ HORIZ. JOINT REINF. @ 16"o.c.
#5 PERIMETER BAR
4" SLAB ON GRADE REINF. w/ 6x6 W1.2xW1.2 W.W.F.
4" GAB
SEE PLANS FOR SIZE & REINF.

5 FOUNDATION SECTION
SCALE: 1"=1'-0

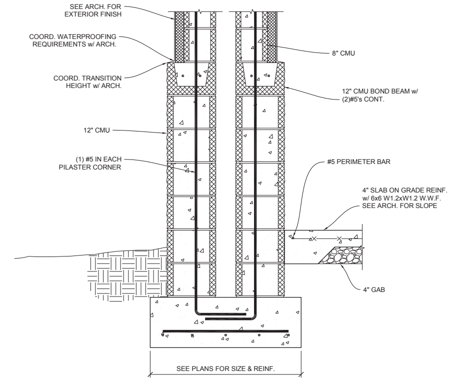


SEE ARCH. FOR EXTERIOR FINISH
COORD. WATERPROOFING REQUIREMENTS w/ ARCH.
COORD. TRANSITION HEIGHT w/ ARCH.
8" CMU WALL REINF. w/ #5's @ 32"o.c. w/ HORIZ. JOINT REINF. @ 32"o.c.
12" CMU BOND BEAM w/ (2)#5's CONT.
12" CMU WALL REINF. w/ #5's @ 32"o.c. w/ HORIZ. JOINT REINF. @16"o.c.
#5 PERIMETER BAR
4" SLAB ON GRADE REINF. w/ 6x6 W1.2xW1.2 W.W.F.
4" GAB
SEE PLANS FOR SIZE & REINF.

6 FOUNDATION SECTION
SCALE: 1"=1'-0

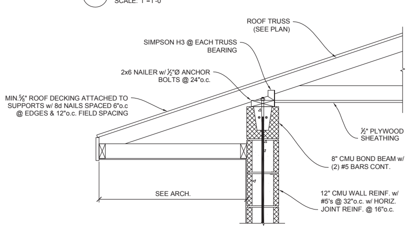


7 FOUNDATION SECTION
SCALE: 1"=1'-0



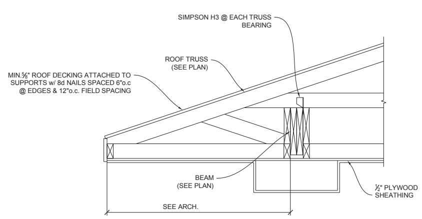
SEE ARCH. FOR EXTERIOR FINISH
COORD. WATERPROOFING REQUIREMENTS w/ ARCH.
COORD. TRANSITION HEIGHT w/ ARCH.
12" CMU
(1) #5 IN EACH PILASTER CORNER
8" CMU
12" CMU BOND BEAM w/ (2)#5's CONT.
#5 PERIMETER BAR
4" SLAB ON GRADE REINF. w/ 6x6 W1.2xW1.2 W.W.F. SEE ARCH. FOR SLOPE
4" GAB
SEE PLANS FOR SIZE & REINF.

8 FOUNDATION SECTION
SCALE: 1"=1'-0

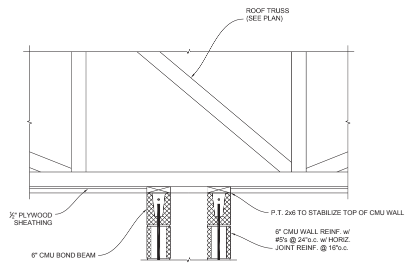


ROOF TRUSS (SEE PLAN)
SIMPSON H3 @ EACH TRUSS BEARING
2x6 NAILER w/ ½"Ø ANCHOR BOLTS @ 24"o.c.
MIN ⅝" ROOF DECKING ATTACHED TO SUPPORTS w/ 8d NAILS SPACED 6"o.c @ EDGES & 12"o.c. FIELD SPACING
½" PLYWOOD SHEATHING
8" CMU BOND BEAM w/ (2) #5 BARS CONT.
SEE ARCH.
12" CMU WALL REINF. w/ #5's @ 32"o.c. w/ HORIZ. JOINT REINF. @ 16"o.c.

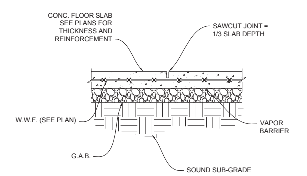
9 FRAMING SECTION
SCALE: 1"=1'-0



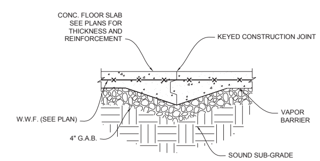
10 FRAMING SECTION



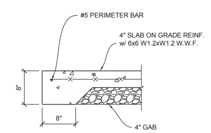
11 FRAMING SECTION
SCALE: 1"=1'-0



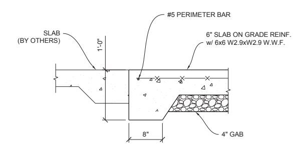
12 TYP. CONTRACTION JOINT
SCALE: 1"=1'-0



13 TYP. CONSTRUCTION JOINT
SCALE: 1"=1'-0



14 SLAB EDGE DETAIL
SCALE: 1"=1'-0



15 SLAB EDGE DETAIL
SCALE: 1"=1'-0

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GEORGIA REGISTERED PROFESSIONAL ENGINEER NO. 26519 JEREMY B. WRIGHT

WRIGHT ENGINEERING, LLC

THE CAMPBELL KING
HORSE SHOW BOWL
10th DIVISION ROAD
FORT BENNING, GEORGIA

FOUNDATION/FRAMING SECTIONS

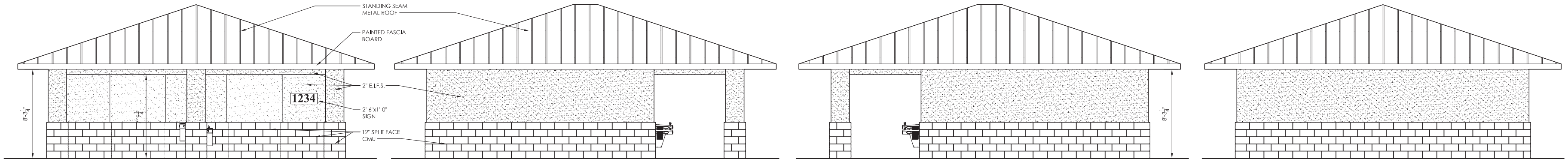
PROJECT NUMBER: C17023
ISSUE DATE: 08-29-2017
REVISIONS

DRAWN: AH REVIEWED: BW

SHEET NUMBER
S4.1

Horse Bowl Latrine Project 8/17/2020

Horse Bowl Latrine Project 8/17/2020

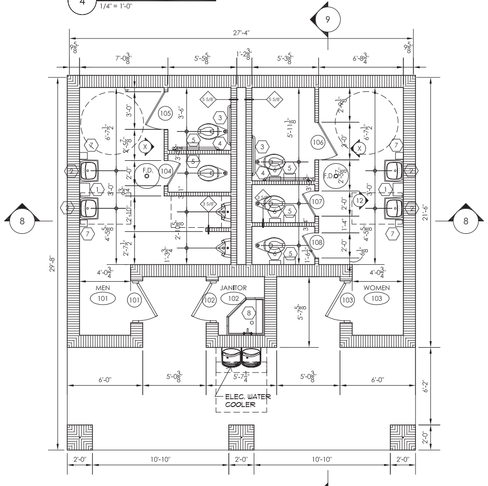


4 ELEVATION 1/4" = 1'-0"

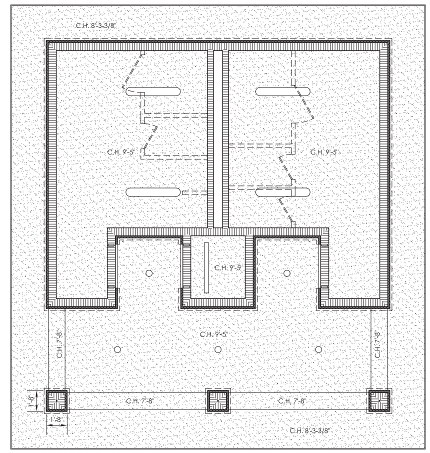
5 ELEVATION 1/4" = 1'-0"

6 ELEVATION 1/4" = 1'-0"

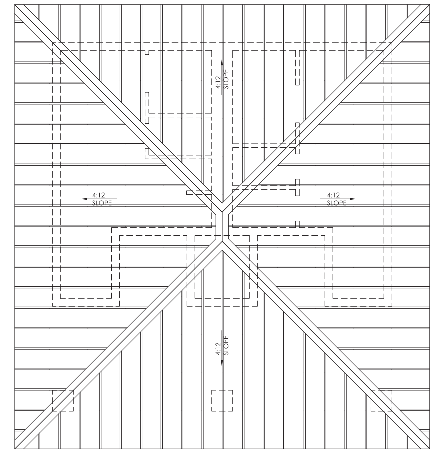
7 ELEVATION 1/4" = 1'-0"



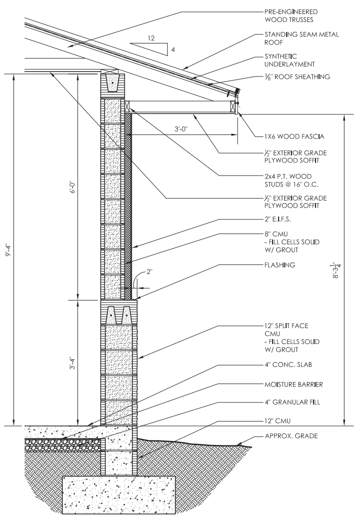
1 FLOOR PLAN 1/4" = 1'-0"



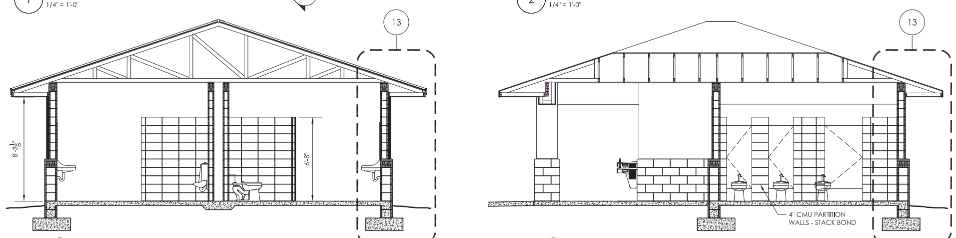
2 REFLECTED CEILING PLAN 1/4" = 1'-0"



3 ROOF PLAN 1/4" = 1'-0"

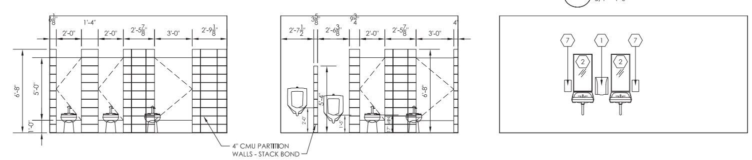


13 WALL SECTION 3/4" = 1'-0"



8 BUILDING SECTION 1/4" = 1'-0"

9 BUILDING SECTION 1/4" = 1'-0"



10 INTERIOR ELEVATION 1/4" = 1'-0"

11 INTERIOR ELEVATION 1/4" = 1'-0"

12 INTERIOR ELEVATION 1/4" = 1'-0"

GENERAL NOTES

DOOR 101 & 103 - GALVANIZED STEEL FRAME & DOOR WITH 4" HEAD. HARDWARE TO CONSIST OF: (3) HINGES, DEADBOLT, PUSH & PULL PLATE, SURFACE CLOSER AND WALL STOP. PROVIDE A 18 GA. COLD ROLLED STEEL LOUVER 18"X12".

DOOR 102 - GALVANIZED STEEL FRAME & DOOR WITH 4" HEAD. HARDWARE TO CONSIST OF: (3) HINGES, STOREROOM LOCK, SURFACE CLOSER AND WALL STOP.

DOOR 104, 105, 106, 107 & 108 - 1" THICK SOLID POLYETHYLENE PLASTIC COMPARMENT DOORS WITH HEAVY DUTY TAMPER-RESISANT STAINLESS STEEL HARDWARE. PROVIDE HINGES, LATCH, BUMPER AND KEEPER, DOOR PULL FOR OUT-SWINGING DOORS, COMBINATION BUMPER/COAT HOOK FOR IN-SWINGING DOORS, COAT HOOK FOR OUT-SWINGING DOORS AND WALL BUMPER FOR OUT-SWINGING DOORS.

EXTERIOR FINISHES:
- FLOOR - BROOM FINISH CONCRETE
- WALLS - SEAL SPLIT FACE CMU, PAINT E.I.F.S.
- CEILING/SOFFITS/FASCIA - EPOXY PAINT
- DOORS/DOOR FRAMES - PAINT

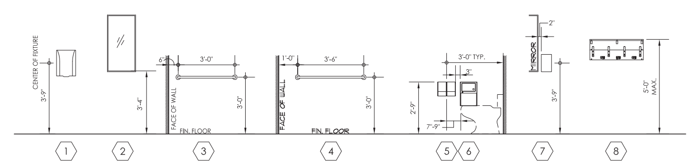
INTERIOR INISHES:
- FLOORS - SEALED CONCRETE
- WALLS - EPOXY PAINT
- CEILINGS - EPOXY PAINT

GENERAL NOTES

1. INSTALL PER MANUFACTURER'S INSTRUCTIONS TO MEET ADA GUIDELINES. TYPICAL MOUNTING HEIGHTS PROVIDED.
2. DIMENSIONS ARE TO FINISHED SURFACES.
3. 5' REQUIRED HANDICAPPED TURNING RADIUS SHOWN ON IS TYPICAL.

TOILET ACCESSORY LEGEND

1. PAPER TOWEL DISPENSER
2. MIRROR - 18x36 W/ STAINLESS STEEL FRAME
3. GRAB BAR - 36" W/ CONCEALED FASTENERS
4. GRAB BAR - 42" W/ CONCEALED FASTENERS
5. TOILET PAPER DISPENSER
6. SANITARY NAPKIN DISPOSAL - SURFACE MOUNTED
7. SOAP DISPENSER
8. UTILITY SHELF - 34"



TYPICAL MOUNTING HEIGHTS
3/8" = 1'-0"

PRIME CONTRACT # W911SE-10-C-0011

TIYA Support Services

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CONSULTANT STAMP HERE

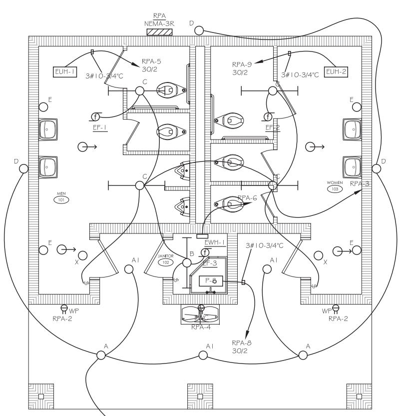
CONSULTANT NAME & LOGO HERE

CAMPBELL KING
HORSE SHOW BOWL
10th DIVISION ROAD
FORT BENNING, GEORGIA

SHEET TITLE

PROJECT NUMBER: C17023
ISSUE DATE: 08/29/2017
REVISIONS
DRAWN: XX/XX REVIEWED: XX/XX

SHEET NUMBER
A1.0

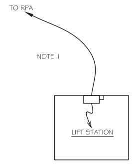


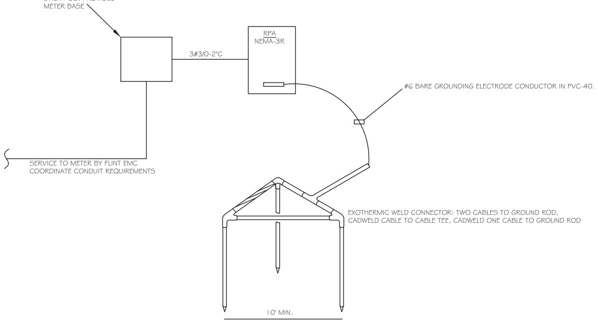
FLOOR PLAN - ELECTRICAL

1/4"=1'-0"

NOTES:

1. A SEWAGE LIFT STATION IS TO BE POWERED OUT OF THIS PANEL. CONTRACTOR SHALL INSTALL 2" CONDUIT UNDERGROUND TO LOCATION OF PUMP. SEE CIVIL DRAWINGS FOR FINAL LOCATION OF PUMP STATION.





ELECTRICAL RISER

NTS

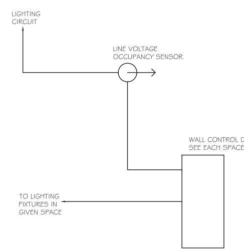
NOTES:

1. COORDINATE SERVICE POINT WITH FLINT BEFORE ROUGH-IN.

PANEL RPA		MINIMUM INTERRUPTING RATING 24000 AMPS							
NQOD		SURFACE MOUNT NEMA-3R ENCLOSURE							
120/240V,1PH, 3W		200 AMPS		MAIN BREAKER					
CKT		BREAKERS				BREAKERS			CKT
NO	DESCRIPTION	POLE	AMP	VA	VA	AMP	POLE	DESCRIPTION	NO
1	EXT LTS	1	20	800	400	20	1	REC	2
3	LTS	1	20	1000	750	20	1	EWC	4
5	EUH-1	2	30	5000	750	20	1	EWH-1	6
7	*				4500	30	2	P-8	8
9	EUH-2	2	30	5000				*	10
11	*							SPACE	12
13	SPACE							SPACE	14
15	SPACE							SPACE	16
17	SPACE							SPACE	18
19	SPACE							SPACE	20
21	SPACE							SPACE	22
23	SPACE							SPACE	24
25	SPACE							SPACE	26
27	SPACE							SPACE	28
29	SPACE							SPACE	30
31	SPACE							SPACE	32
33	SPACE							SPACE	34
35	SPACE							SPACE	36
37	SPACE							SPACE	38
39	SPACE							SPACE	40
41	SPACE							SPACE	42
		TOTAL		18200	VA				

ELECTRICAL SPECIFICATIONS

1. FURNISH ALL LABOR AND MATERIALS REQUIRED TO COMPLETE THE ELECTRICAL WORK INDICATED ON DRAWINGS AND SPECIFIED BELOW.
2. ALL WORK SHALL BE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE AND RULES AND REGULATIONS OF THE LOCAL BODIES HAVING JURISDICTION.
3. ALL MATERIALS SHALL BE NEW AND LISTED BY UNDERWRITERS LABORATORIES AS CONFORMING TO THESE STANDARDS. ALL WORK SHALL BE EXECUTED IN A WORKMANLIKE MANNER AND SHALL PRESENT A NEAT AND MECHANICAL APPEARANCE WHEN COMPLETE.
4. FURNISH AND INSTALL ALL ELECTRICAL OUTLETS, SWITCHES, LIGHTING FIXTURES AND OTHER DEVICES INDICATED ON THE DRAWINGS AND REQUIRED FOR A COMPLETE JOB. PROVIDE WIRING FOR ALL EQUIPMENT AND DEVICES. MAKE CONNECTIONS TO ALL EQUIPMENT SHOWN OR SPECIFIED.
5. ALL CONDUIT CONCEALED, UNLESS SPECIFICALLY SHOWN EXPOSED. CONDUIT SYSTEMS TO BE ELECTRICALLY CONTINUOUS. USE DOUBLE LOCKNUTS AND BUSHINGS AT BOXES.
6. CONDUCTORS SHALL HAVE CURRENT CARRYING CAPACITY PER N.E.C. AND 600 VOLT, THW, THWN, OR THHN INSULATION, #12 MINIMUM. MAKE ALL SPLICES AND CONNECTIONS MECHANICALLY AND ELECTRICALLY PERFECT. ALL CONDUCTORS SHALL BE COPPER. PROVIDE GREEN GROUNDING CONDUCTOR SIZED PER NEC IN ALL RECEPTACLE CIRCUITS.
7. CONTRACTOR MAY USE MC CABLE LISTED FOR USE IN HEATH OCCUPANCIES IN LIEU OF CONDUIT AND WIRE.
8. VERIFY ALL DOOR SWINGS WITH ARCHITECTURAL BEFORE ROUGHING IN LIGHT SWITCHES.
9. VERIFY EXACT LOCATION OF ALL MOTORS AND EQUIPMENT BEFORE ROUGHING IN.
10. CONTRACTOR WILL CHECK ALL LIGHTING FIXTURES FOR EXACT TYPE MOUNTING AND SPACE REQUIRED BEFORE ROUGHING IN. FURNISH AND INSTALL PLASTER FRAMES FOR ALL RECESSED FIXTURES AS REQUIRED.
11. SUPPORT OF ALL LIGHTING FIXTURES TO BE THE RESPONSIBILITY OF THIS CONTRACTOR. FIXTURES TO BE SUPPORTED INDEPENDENT OF CEILING FROM STRUCTURAL MEMBERS OF THE BUILDING.
12. FOR BUILDING DETAILS AND MECHANICAL EQUIPMENT, FOLLOW ARCHITECTURAL, STRUCTURAL, AND MECHANICAL DRAWINGS, AND FIT ELECTRICAL WORK THERETO.
13. UPON COMPLETION, TEST ENTIRE WIRING SYSTEM AND SHOWN TO BE IN PERFECT WORKING ORDER IN ACCORDANCE WITH THE INTENT OF THESE DRAWINGS. PROMPTLY REPAIR, REPLACE OR OTHERWISE MAKE GOOD ANY DEFECT BECOMING APPARENT DURING THIS PERIOD AT NO COST TO THE OWNER.



TYPICAL OCCUPANCY SENSOR WIRING DIAGRAM

NTS

NOTES:

1. LOCATION OF OCCUPANCY SENSOR IN SPACES IS FOR ILLUSTRATIVE PURPOSES ONLY. CONTRACTOR SHALL INSTALL SENSOR IN LOCATION DIRECTED BY MANUFACTURER FOR BEST PERFORMANCE.
2. IN AREAS WHERE MULTIPLE SENSORS ARE NEEDED TO CONTROL A LARGE SPACE, CONTRACTOR SHALL CONNECT THEM IN SERIES WHERE THEY FUNCTION TOGETHER AS ONE UNIT.

ELECTRICAL SYMBOLS

- WALL OUTLET, DUPLEX OUTLET, 20 A, 125 V, GROUNDED, GROUND FAULT CIRCUIT INTERUPTER, HUBBELL #GF-5362-GY
- WALL OUTLET, DUPLEX OUTLET, 20 A, 125 V, GROUNDED, HUBBELL #5362
- LIGHTING / POWER PANEL - NEW NEMA-3R
- BRANCH CIRCUIT CONCEALED IN FLOOR OR GROUND
- BRANCH CIRCUIT CONCEALED IN WALL OR CEILING
- HOME RUN TO PANELBOARD, ANY CIRCUIT WITHOUT FURTHER DESIGNATION
- 2#12 - 1/2 "C
- 3#12 - 1/2 "C
- 4#12 - 1/2 "C ETC, PER NATIONAL ELECTRICAL CODE
- EXHAUST FAN MOTOR-FURNISHED BY OTHERS, CONNECTION BY ELECTRICAL CONTRACTOR
- NTS — NOT TO SCALE
- AFF — ABOVE FINISHED FLOOR
- VER — VERIFY LOCATION
- RT — RAINTIGHT
- WP — WEATHERPROOF
- 102 — ROOM NUMBER
- EWC — ELECTRIC WATER COOLER
- P-8 — ELECTRIC WATER HEATER: PROVIDE 30/2 FUSIBLE DISCONNECT

LIGHTING FIXTURE SCHEDULE

- A — LITHONIA: LDN6 5000 LUMEN LED RECESSED DN LT "A1" TO HAVE EM BATTERY; WET LOCATION RATED
- B — LITHONIA: ZL1D LED STRIP 5000LM FST MVOLT 40K WH "B1" TO HAVE BATTERY BACKUP
- C — LITHONIA: VAP 114LED 57 MVOLT WLFEND2 VANDAL RESISTANT WET LOCATION SURFACE MOUNT 8170 LUMENS LED
- D — LITHONIA: MRW LED 2 50K SR4 MVOLT ELCW SURFACE MTD WALL PACK WITH EMERGENCY BATTERY
- E — LED TWIN HEAD EMERGENCY FIXTURE CONNECT TO UNSWITCHED HOT LEG
- X — LITHONIA: LQM DOUBLE FACE R MVOLT ELN CONNECT TO NEAREST UNSWITCHED HOT LEG
- SENSOR SWITCH LINE VOLTAGE OCCUPANCY SENSOR CONNECT IN SERIES WHERE LARGE AREA IS COVERED
- $ — STANDARD 20 AMP 1 POLE WALL SWITCH FOR LIGHTING

Horse Bowl Latrine Project 8/17/2020

PRIME CONTRACT # W911SE-10-C-0011

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PEACH
Engineering

THE CAMPBELL KING
HORSE SHOW BOWL
10th DIVISION ROAD
FORT BENNING, GEORGIA

BATHROOM ELECTRICAL PLAN

PROJECT NUMBER: C17023
ISSUE DATE: August 29, 2017
REVISIONS

DRAWN: MJL REVIEWED: TWM

SHEET NUMBER
E1.0

EXHAUST FAN SCHEDULE

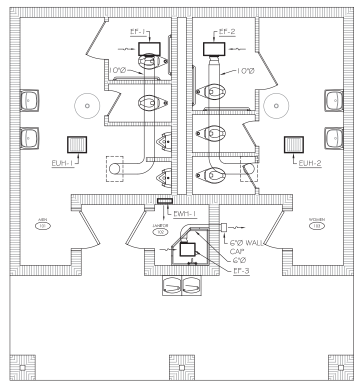
UNIT NO.	TOTAL AIR CFM	APPROX. EXT. S.P. INCH WATER	DESCRIPTION BD - BELT DRIVE DD - DIRECT DRIVE	FREE AIR SONES AT 5'	MAX. FAN SPEED R.P.M.	CONTROL INTERLOCK	MAX. MOTOR H.P.	VOLTS	PHASE	HZ.	REMARKS
EF-1	300	0.375	DD - CENTRIFUGAL CEILING EXHAUSTER	2.5	951	WITH LIGHT SWITCH BY ELECTRICAL CONTRACTOR	224 Watts	120	1	60	BASIS OF DESIGN: GREENHECK MODEL SP-A510 DIRECT DRIVE CEILING MOUNTED EXHAUST FAN COMPLETE WITH VARI-GREEN EC MOTOR WITH POTENTIOMETER DIAL, DISCONNECT SWITCH, ALUMINUM CEILING GRILLE, VIBRATION ISOLATION, ROOF JACK (RJ-10x10), AND UL LISTING.
EF-2	225	0.375	DD - CENTRIFUGAL CEILING EXHAUSTER	2.0	884	WITH LIGHT SWITCH BY ELECTRICAL CONTRACTOR	224 Watts	120	1	60	BASIS OF DESIGN: GREENHECK MODEL SP-A510 DIRECT DRIVE CEILING MOUNTED EXHAUST FAN COMPLETE WITH VARI-GREEN EC MOTOR WITH POTENTIOMETER DIAL, DISCONNECT SWITCH, ALUMINUM CEILING GRILLE, VIBRATION ISOLATION, ROOF JACK (RJ-10x10), AND UL LISTING.
EF-3	70	0.375	DD - CENTRIFUGAL CEILING EXHAUSTER	1.0	727	WITH LIGHT SWITCH BY ELECTRICAL CONTRACTOR	80 Watts	120	1	60	BASIS OF DESIGN: GREENHECK MODEL SP-B110 DIRECT DRIVE CEILING MOUNTED EXHAUST FAN COMPLETE WITH SOLID STATE FAN SPEED CONTROL FIELD MOUNTED TO FAN CABINET, DISCONNECT SWITCH, ALUMINUM CEILING GRILLE, VIBRATION ISOLATION, WALL CAP 6"Ø), AND UL LISTING.

ELECTRIC WALL HEATER SCHEDULE

UNIT NO.	TOTAL AIR C.F.M.	MINIMUM HEATING CAPACITY B.T.U.H.	TOTAL K.W.	VOLTS	PHASE	HZ.	REMARKS
EWH-1	175	2,560	0.75	120	1	60	BASIS OF DESIGN: TPI MODEL E3321TD-RP WALL MOUNTED ELECTRIC HEATER WITH 2" SEMI-RECESSED MOUNTING FRAME, BUILT-IN THERMOSTAT, THERMAL CUTOUT AND DISCONNECT SWITCH AND UL LISTING.

ELECTRIC UNIT HEATER SCHEDULE

UNIT NO.	TOTAL AIR C.F.M.	MINIMUM HEATING CAPACITY B.T.U.H.	TOTAL K.W.	VOLTS	PHASE	HZ.	REMARKS
EUH-1	400	17,065	5	240	1	60	BASIS OF DESIGN: TPI MODEL HF1B5105N FAN FORCED VERTICAL DISCHARGE SUSPENDED UNIT HEATER COMPLETE WITH SUMMER FAN SWITCH, BUILT IN THERMOSTAT, WALL/CEILING BRACKET, DUST SHIELD, ADJUSTABLE LOUVERS, THERMAL CUTOUT AND DISCONNECT SWITCH.
EUH-2	400	17,065	5	240	1	60	BASIS OF DESIGN: TPI MODEL HF1B5105N FAN FORCED VERTICAL DISCHARGE SUSPENDED UNIT HEATER COMPLETE WITH SUMMER FAN SWITCH, BUILT IN THERMOSTAT, WALL/CEILING BRACKET, DUST SHIELD, ADJUSTABLE LOUVERS, THERMAL CUTOUT AND DISCONNECT SWITCH.



1 FLOOR PLAN-MECHANICAL
1/4" = 1'-0"

PRIME CONTRACT # W911SE-10-C-0011

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THE CAMPBELL KING
HORSE SHOW BOWL
10th DIVISION ROAD
FORT BENNING, GEORGIA

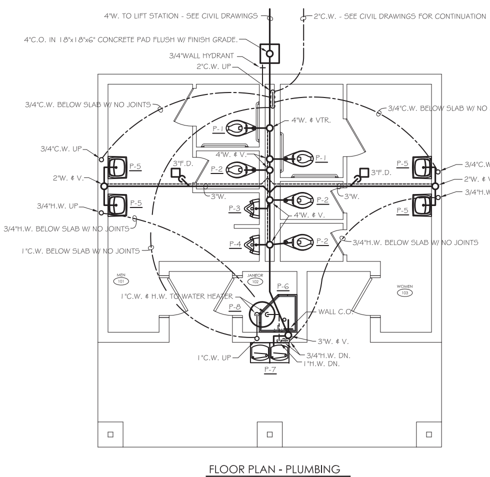
BATHROOM MECHANICAL PLAN

PROJECT NUMBER: C17023
ISSUE DATE: August 29, 2017
REVISIONS

DRAWN: DSD REVIEWED: DSD

SHEET NUMBER
M1.0

Horse Bowl Latrine Project 8/17/2020


4"W. TO LIFT STATION - SEE CIVIL DRAWINGS
2"C.W. - SEE CIVIL DRAWINGS FOR CONTINUATION
4"C.O. IN 18"x18"x6" CONCRETE PAD FLUSH W/ FINISH GRADE.
3/4"WALL HYDRANT
2"C.W. UP
3/4"C.W. BELOW SLAB W/ NO JOINTS
3/4"C.W. BELOW SLAB W/ NO JOINTS
4"W. & VTR.
3/4"C.W. UP
2"W. & V.
3/4"H.W. UP
3/4"H.W. BELOW SLAB W/ NO JOINTS
1"C.W. BELOW SLAB W/ NO JOINTS
3/4"H.W. BELOW SLAB W/ NO JOINTS
3"F.D.
3"W.
4"W. & V.
1"C.W. & H.W. TO WATER HEATER
WALL C.O.
3"W. & V.
3/4"H.W. DN.
1"H.W. DN.
1"C.W. UP
P-1
P-2
P-3
P-4
P-5
P-6
P-7
P-8

FLOOR PLAN - PLUMBING

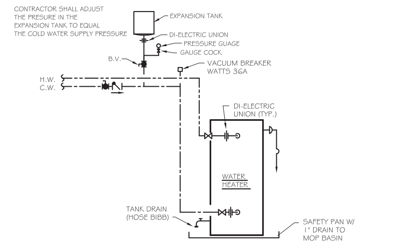
1/4" = 1'-0"

PLUMBING FIXTURE SCHEDULE

No.	FIXTURE TYPE	WASTE	C.W.	H.W.	MOUNTING HEIGHT
P-1	HANDICAPPED WATER CLOSET	4"	1"	---	FLOOR
P-2	WATER CLOSET	4"	1"	---	FLOOR
P-3	HANDICAPPED URINAL	2"	3/4"	---	SEE ARCHITECTURAL PLANS
P-4	URINAL	2"	3/4"	---	SEE ARCHITECTURAL PLANS
P-5	HANDICAPPED LAVATORY	1-1/4"	1/2"	1/2"	SEE ARCHITECTURAL PLANS
P-6	MOP BASIN	3"	1/2"	1/2"	FLOOR
P-7	BI-LEVEL ELECTRIC WATER COOLER	1-1/4"	1/2"	---	SEE ARCHITECTURAL PLANS
P-8	ELECTRIC WATER HEATER	---	SEE PLANS	---	WALL MOUNT HIGH AS POSSIBLE ABOVE MOP BASIN

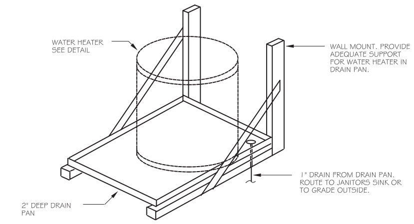
PLUMBING LEGEND

WASTE PIPING (W.)	
VENT PIPING (V.)	
COLD WATER PIPING (C.W.)	
HOT WATER PIPING (H.W.)	
BALL VALVE	
GATE VALVE	
CHECK VALVE	
UNION	
VENT THRU ROOF	VTR
CLEANOUT	C.O.
MECHANICAL ROOM FLOOR DRAIN	M.R.F.D.
FLOOR DRAIN	F.D.


CONTRACTOR SHALL ADJUST THE PRESURE IN THE EXPANSION TANK TO EQUAL THE COLD WATER SUPPLY PRESSURE
EXPANSION TANK
DI-ELECTRIC UNION
PRESSURE GUAGE
GAUGE COCK
B.V.
VACUUM BREAKER WATTS 36A
H.W.
C.W.
DI-ELECTRIC UNION (TYP.)
WATER HEATER
TANK DRAIN (HOSE BIBB)
SAFETY PAN W/ 1" DRAIN TO MOP BASIN

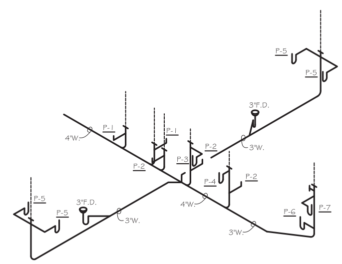
DETAIL - WATER HEATER

N.T.S.



WATER HEATER MOUNTING DETAIL

SCHEMATIC-NO SCALE



WASTE AND VENT RISER

N.T.S.

PLUMBING NOTES:

1. Contractor shall include all equipment, material, and labor required for the installation of a complete and satisfactorily operating Plumbing system, even though every item involved is not indicated.
2. Contractor must be properly licensed and established as a Plumbing Contractor at location of the work and shall maintain locally adequate service facilities. He shall have had previous experience in the satisfactory installation of at least three systems of this type and size.
3. The Installer will install all work in strict compliance with the Georgia State Minimum Standard Plumbing Code (International Plumbing Code) 2012 Edition, Georgia State Minimum Standard Gas Code (International Fuel Gas Code) 2012 Edition and all Georgia State Amendments. Where conflicts occur between a code and contract drawings or specifications, most stringent requirements shall apply. The Installer will obtain and pay for all permits, fees and charges required incidental to the work involved that may be necessary for fully completing the work. The Installer will make all necessary tests required by local authorities, legal regulations and/or the Engineer and return to the Engineer any certificate of approval issued in this district for all Plumbing work signed by the Inspecting Administrative Authority in charge of each particular part of the work.
4. In the interest of clearness, the work is not always shown to scale or exact location. Check all measurements, location of pipe, ducts, and equipment with the detail architectural, structural and electrical drawings, and lay out work so as to fit within ceiling grids, lighting and other parts.
5. The Installer will guarantee all piping, equipment, fixtures, and related materials for a period of one (1) year from date of acceptance against defects due to faulty workmanship or materials. The Installer will also furnish without charge any reasonable service in making minor adjustments to fixtures and equipment for the same period, but this service will not include the replacement of parts damaged by maliciousness or vandalism after acceptance by the Owner, or clearing of obstruction from sewers caused by other than line defects.
6. Materials and equipment shall be new and of best quality in every respect. Pipe and fittings shall conform to the ASTM Standard designated for pipe of each material. Equipment shall be essentially the standard product of the manufacturer and UL approved where commercially available. Where two or more units of the same class of equipment are required, these units shall be products of a single manufacturer; however, the component parts of each unit need not be.
7. Workmanship shall be first class and in accordance with best practice. Pipe shall be cut clean, properly reamed, threaded or soldered, erected plumb and secure. Make changes in pipe size with reducing fittings without the use of bushings. Work shall be executed by experienced mechanics and shall present a neat appearance. Install equipment in accordance with manufacturer's recommendation. At all stages of installation, protect pipe openings, fixtures and equipment against the entrance of foreign materials, and from damage by the elements, mortar, paint, etc.
8. All electric power wiring required for installation of equipment under this Section is specified under Electrical Division. Plumbing Installer shall furnish and install all controls, and control wiring as specified or required to properly complete the installation. The cost of any modifications of the electrical power wiring conduit required by plumbing equipment or controls having electrical power requirements differing from that shown on the drawings and/or specified, shall be the responsibility of the Plumbing Contractor.
9. Pipe sleeves shall be provided for all pipes passing through masonry and job cast concrete (except slabs on grade) construction with sleeves. Sleeves shall be cut flush with each surface, 1/2" larger in diameter than the passing pipe or cover, built-in as work progresses. Sleeves thru joists and beams shall be of galvanized steel pipe; other sleeves shall be of 16 gauge galv. iron.Make space between floor sleeves and passing pipes watertight by caulking with fireproof packing and plastic waterproof caulking compound. Where copper pipe passes thru a slab on grade, provide a 24" long plastic pipe sleeve.
10. Access panels and doors shall be furnish to general contractor for installation wherever required for access to valve, damper, air vent or similar device. Doors shall be suitable for wall finish involved, 12" x 16" unless otherwise indicated, fire rated where fire walls are penetrated.
11. Cutting and patching for openings shall be laid out and built-in; furnish detailed layout drawings to other trades in advance of their work. Piping within or behind walls must be installed before wall is erected. Otherwise walls, etc., affected must be reworked by trade which erected same at expense of Plumbing Contractor; chasing and cutting of new work will not be accepted. Cutouts in countertops shall be made by millwork contractor upon receipt of proper templates. Openings in existing walls shall be made by trade requiring same, with repairing and patching required thereby done by the respective trade whose work is damaged.
12. When excavating, insure that walls and footings and adjacent load bearing soils are not disturbed in any way, except where lines must cross under a footing. Where a line must pass under a footing, make crossing with the smallest possible trench to accommodate the pipe. Keep excavation free from water by pumping if necessary. Dig trenches true to line and with a flat, even bottom. Form bell-holes to allow proper bedding of the pipe sections. Top of all pipe must be a least 24" below finish grade. Remove and relocate existing obstructions as directed. Immediately after testing and inspection, carefully backfill trenches with earth free from clods, brick, etc., to a depth one-half the pipe diameter. Then firmly puddle and tamp as not to disturb the alignment of joints of the pipe. Thereafter, puddle and tamp every vertical foot.
13. Identify all piping exposed to view or accessible through removable ceilings or access panels with plastic snap-on pipe line markers. Color code markers in accordance with ANSI A13.1. Show pipe contents and direction of flow.
14. Plumbing fixtures shall be of quality, type, performance and construction as those scheduled and indicated on the plans.
15. Provide a system of soil, waste and vent piping connecting all plumbing fixtures, equipment, etc., to the house sewer, with consolidated vent connections extending through the building roof, all as shown on drawings. Soil, waste and vent piping shall be IPS Schedule 40, PVC DWV plastic pipe meeting ASTM D 2665-88. Fittings shall solvent weld type, Schedule 40 PVC meeting ASTM D 2466-88.
16. Cleanouts shall be provided in sanitary piping at all changes in direction, at ends of branches, at intervals not exceeding 75 feet on straight runs, and elsewhere as shown. Cleanouts shall be full opening type, completely accessible. Size same as lines in which they occur, but not larger than 4 inches. Tees and extensions shall be of same weight as soil pipe.
17. Floor drains shall be same as pipe to which they connect. Install temporary closures during construction. Each drain to have P-trap.
18. Water piping shall connect to existing or coordinated with the local utility board for the connection to the water main as indicated and extend to all plumbing fixtures, hose bibbs, water coolers, etc.; as indicated or required. The Reduction of Lead in Drinking Water Act (42 USC 300G) requires that any valve, fitting, or fixture coming in contact with potable water (used for drinking or cooking) must meet the requirement of having weighted average lead content of less than 0.25 percent. Typical lines shall be of copper tubing meeting ASTM B-88; Type "L" hard above ground and Type "K" soft below ground. Fitting shall be lead-free wrot copper fittings made from commercially pure copper mill products per ASTM B 75 Alloy C12200 or lead-free cast dezincification-resistant (DZR) fittings made of high quality lead-free performance bronze alloy per ASTM B 584 Alloy C87850 or C87600. Fittings shall be third party certified to Annex G of NSF/ANSI 61. Make up joints with sweat fittings, and lead-free solder; clean surfaces with steel wool or emery cloth before applying. Do not make joints or branch connections below a slab on grade. All piping, solder and flux shall be lead-free.
19. Where any quick-closing valves is installed, a lead-free water hammer arrestor shall be installed. Water hammer arrestors shall be installed in accordance with the manufacturer's specifications and shall conform to ASSE 1010.
20. The completed water supply line shall be sterilize in accordance with AWWA C651 and as required by the State Board of Health. Local Health Department approval must be obtained before the system is put into service. The complete copper hot and cold water distribution system shall be disinfected prior to being placed in service. The system shall be disinfected in accordance with AWWA C651.
21. Unions shall be Lead-Free cast DZR brass, 150 lb. rated, ground-joint type in copper pipe. Provide in all sizes of threaded pipe, and in sweat jointed pipe over 1", so as to facilitate easy repairs. In such lines install adjacent to water heaters pumps, tanks, etc., into which piping is terminated; and on at least one side of valves, cocks, strainers, etc., and other devices which occur in piping runs. Provide dielectric unions between ferrous and non-ferrous piping (including water heater stubs).
22. Valves shall be provided where shown and provided for all fixtures or equipment not furnished with stops. Valves shall be lead-free made of high quality lead-free silicon Performance Bronze alloy and shall be third party certified to NSF/ANSI 61-G and/or NSF-ANSI 372. Equal to Nibco units as indicated below:
    Lead-Free Gate Valves: 2" and smaller - #S-113-LF bronze solder-joint type; #T-113-LF for threaded pipe.
    Lead-Free Ball Valves: 2-1/2" and smaller - #S-595-Y-LF lead-free bronze full port solder-joint type three piece ball valve - #T-595-Y-LF for threaded pipe.
    Lead-Free Check Valves: 2" and smaller - #S-413-Y-LF for solder joint type and #T-413-Y-LF for threaded pipe. 2-1/2" to 10" pipe - #F-960-LF lead-free Class 250 lb iron body silent check valve.
    Lead-Free Butterfly Valves: 2-1/2" and larger - #LD-2000 lug style 200 PSI, ductile iron body, extended neck, molded-in seat liner, lever-lock handle certified lead-free gate valve.
23. Backflow preventer shall be Lead-Free backflow preventer with quarter turn ball valves and strainer for 2" and smaller - Watts Model LF909M1QT-S with No. 909-AG air gap and for 2-1/2" and larger - Watts Model LF909QT-FDA-S-FDA with No. 909-AG air gap.
24. Wall hydrants (Typical) shall be equal to Zurn Model Z-1333-13 exposed, anti-siphon, automatic draining, freezeproof, Ecolotrol 3/4" wall hydrant with loose key, stainless steel face and 90° inlet elbow with union nut; or similar products by Wade, Jay R. Smith or Josam. Furnish vacuum breaker on each hydrant. Install approximately 18" above finished grade.
25. Strainers shall be for 2" and smaller, Lead-Free brass body and cap, wye-pattern strainer with #20 mesh, 304 stainless steel basket - Watts Series LF777SI (threaded ends) or LFS777SI (solder ends). For over 2", Lead-Free flanged, wye-pattern, ductile iron strainer with 304 stainless steel perforated screen basket - Watts Series 77F-DI-250.
26. Pipe insulation for cold water and hot water shall be 1" thick snap-on glass fiber insulation having a minimum density of 5 lbs/cu. ft. and a maximum thermal conductivity of 0.25 BTU/(hr)(sq. ft.)(°F/in.) at 75° F mean temperature equal to Gustin-Bacon Snap-On with Universal kraft-foil laminated jacket. Cover fittings with factory pre-molded fitting covers of the same thickness as the adjacent insulation.
27. All fixtures including lavatories, urinals, water closets, electric water coolers, etc., must be securely fastened to the walls or floor.
28. All handicapped plumbing fixtures shall be installed in accordance with the Georgia Accessibility Code. In compliance with Georgia Accessibility Code, flush controls for handicapped water closets shall be mounted on the wide side of the toilet stall area.

PLUMBING FIXTURE SPECIFICATIONS:

P-1 HANDICAPPED WATER CLOSET: KOHLER K-4368 HIGHLINE 1.28 GPF VITREOUS CHINA HIGH EFFICIENCY ELONGATED 17-1/2" HIGH TOILET WITH 1013092 BOLT CAPS ACCESSORY PACK AND COMPLETE WITH SLOAN FLUSHOMETER MODEL 111-1.28 GPF FLUSH VALVE WITH SYNTHETIC RUBBER DIAPHRAGM, STOP/CHECK WITH LOCKING VANDAL RESISTANT CAP, SWEAT KIT WITH CAST SET SCREW WALL FLANGE, ADA COMPLIANT HANDLE AND BENEKE 533-SS WHITE OPEN-FRONT SEAT WITH SELF-SUSTAINING/ CHECK HINGES.

P-2 HANDICAPPED WATER CLOSET: KOHLER K-4406 WELLWORTH 1.28 GPF VITREOUS CHINA HIGH EFFICIENCY ELONGATED TOILET WITH 1013092 BOLT CAP ACCESSORY PACK AND COMPLETE WITH SLOAN FLUSHOMETER MODEL 111-1.28 GPF FLUSH VALVE WITH SYNTHETIC RUBBER DIAPHRAGM, STOP/CHECK WITH LOCKING VANDAL RESISTANT CAP, SWEAT KIT WITH CAST SET SCREW WALL FLANGE, ADA COMPLIANT HANDLE AND BENEKE 533-SS WHITE OPEN-FRONT SEAT WITH SELF-SUSTAINING/ CHECK HINGES.

P-3 HANDICAPPED URINAL: KOHLER K-4904-ET BARDON 1/8th GPF VITREOUS CHINA WALL HUNG WASHOUT HEU URINAL COMPLETE WITH SLOAN HEU FLUSHOMETER MODEL 186-0.125 0.13 GPF MANUAL FLUSH VALVE WITH SYNTHETIC RUBBER DIAPHRAGM, STOP/CHECK WITH LOCKING VANDAL RESISTANT CAP, SWEAT KIT WITH CAST SET SCREW WALL FLANGE AND ADA COMPLIANT HANDLE.

P-4 URINAL: KOHLER K-4904-ET BARDON 1/8th GPF VITREOUS CHINA WALL HUNG WASHOUT HEU URINAL COMPLETE WITH SLOAN HEU FLUSHOMETER MODEL 186-0.125 0.13 GPF MANUAL FLUSH VALVE WITH SYNTHETIC RUBBER DIAPHRAGM, STOP/CHECK WITH LOCKING VANDAL RESISTANT CAP, SWEAT KIT WITH CAST SET SCREW WALL FLANGE AND ADA COMPLIANT HANDLE.

P-5 HANDICAPPED LAVATORY: KOHLER K-2005 KINGSTON 20"x18" VITREOUS CHINA, 4" CENTERSET DRILLING, ADA COMPLIANT WALL MOUNTED LAVATORY AND COMPLETE WITH WATTS P1070VL5 LAV SAFE LEAD FREE THERMOSTATIC FAUCET WITH ADA METAL LEVER HANDLE, INTEGRAL CHECK STOPS, DECK PLATE AND 0.5 GPM VANDAL RESISTANT LAMINAR FLOW AERATOR. FAUCET SHALL BELISTED TO BE ASSE 1070 FOR TEMPERATURE AND PRESSURE PROTECTION AND NSF LISTED STANDARD 61, SECTION 9, ANNEX G. FURNISH COMPLETE WITH MCGUIRE PART NO. 8872-BF 1-1/4" P-TRAP WITH CLEANOUT AND SEAMLESS TUBULAR WALL BEND WITH CHROME PLATED BRASS BOX FLANGE, PART NO. HD155A 1-1/4" CHROME PLATED HEAVY DUTY BRASS GRID DRAIN AND PART NO. LFBV2165CC CONVERTIBLE LAVATORY SUPPLIES WITH LEAD FREE CONVERTIBLE LOOSE KEY QUARTER TURN BALL VALVE STOP.

P-6 MOP BASIN: STERN WILLIAMS CORLOW MODEL SBC-1750 36"x36"x12" PRECAST TERRAZZO MOP SERVICE BASIN WITH INTEGRAL STAINLESS STEEL CURB CAP. T-15-VB SERVICE SINK FAUCET WITH POLISHED CHROME FINISH, VACUUM BREAKER, THREADED SPOUT AND LOOSE KEY INTEGRAL STOPS, T-35 RUBBER HOSE AND WALL HOOK, T-40 MOP HANGER AND INTEGRAL CAS BRASS DRAIN WITH STAINLESS STEEL STRAINER.

P-7 FREEZEPROOF BI-LEVEL ELECTRIC WATER COOLER: ELKAY VRCTLFR8SC VANDAL-RESISTANT, FROST RESISTANT, TWO-LEVEL ACCESSIBLE ADA COMPLIANT WATER COOLER HAVING A CAPACITY OF 7.8 GPH OF 50 DEGREE F. WATER AT STANDARD CONDITIONS AND COMPLETE WITH FRONT PUSH BUTTON, HFC-134A REFRIGERANT, NO LEAD DESIGN, 1-1/2" 17 GA. ROUGH BRASS P-TRAP AND WHEELLESS STOP VALVE. UNIT SHALL BE CLASSIFIED IN ACCORDANCE WITH ANSI/NSF61, SECTION 9 STANDARD. EQUAL UNITS BY OASIS, HAWS, AND HALSEY-TAYLOR WILL BE ACCEPTABLE. CABINET COLOR FINISH SHALL BE STAINLESS STEEL.

P-8 ELECTRIC WATER HEATER (30 GALLONS): RHEEM COMMERCIAL ELECTRIC WATER HEATER MODEL ELDS30 WATER HEATER HAVING INPUT OF 4.5 K.W. AT 240 VOLTS, 1 PHASE, 60 CYCLES; A RECOVERY RATE OF 23.0 GPH AT 80 DEGREES RISE; 20 GALLON TANK; 3 YEAR TANK WARRANTY; AND ASME RELIEF VALVE. PLUMBER SHALL FURNISH AND INSTALL A WATER THERMAL EXPANSION TANK EQUAL TO ZURN/WILKINS MODEL XT-8 HAVING A TANK VOLUME OF 2.1 GALLONS, COATED HIGH GRADE STEEL OUTER SHELL, FDA APPROVED BUTYL RUBBER

Horse Bowl Latrine Project 8/17/2020

PRIME CONTRACT # W911SE-10-C-0011

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BATHROOM PLUMBING PLAN

PROJECT NUMBER: C17023
ISSUE DATE: August 29, 2017
REVISIONS

DRAWN: MMI REVIEWED: WAS

SHEET NUMBER

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