

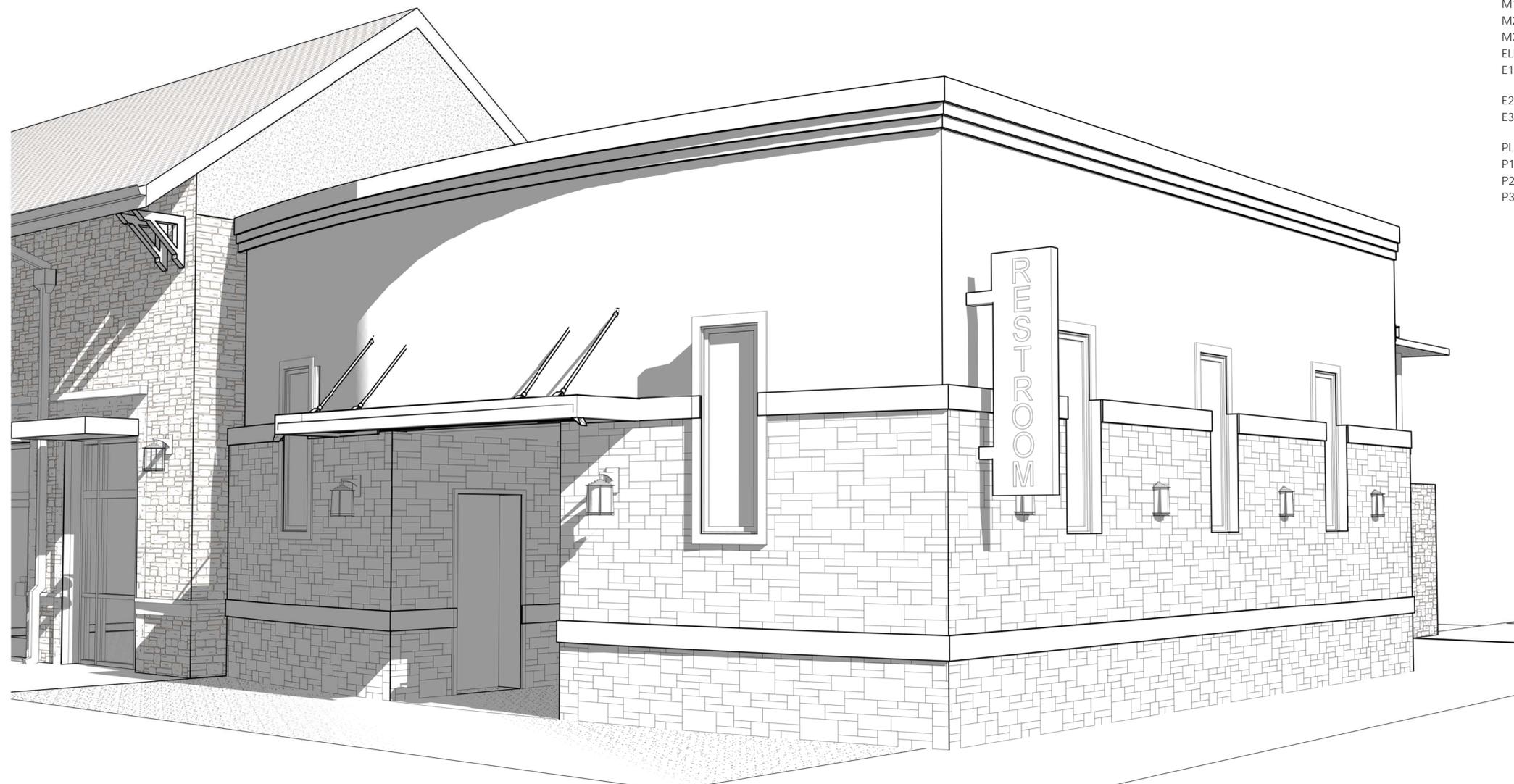
PEACHTREE CORNERS TOWN GREEN RESTROOM & PAVILION

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project title
**PEACHTREE CORNERS
TOWN GREEN RESTROOM
& PAVILIONS**

for
**CITY OF PEACHTREE
CORNERS**
310 TECHNOLOGY PARKWAY
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sheet number

RELEASED FOR CONSTRUCTION

A0.0a



FIGURE 1 CHARACTER RAISED REQUIREMENT



FIGURE 2 PROPORTIONS OF THE INTERNATIONAL SIGN OF ACCESSIBILITY



FIGURE 3 INTERNATIONAL SYMBOL OF ACCESSIBILITY DISPLAY CONDITION #1



FIGURE 4 INTERNATIONAL SYMBOL OF ACCESSIBILITY DISPLAY CONDITION #2



FIGURE 5 INTERNATIONAL SYMBOL OF ACCESS FOR HEARING LOSS



FIGURE 6 INTERNATIONAL TDD SYMBOL



FIGURE 7 WOMEN'S RESTROOM SIGNAGE



FIGURE 8 MEN'S RESTROOM SIGNAGE



FIGURE 9 MEN'S AND WOMEN'S RESTROOMS SIGNAGE

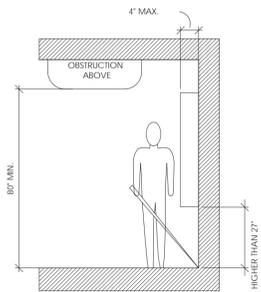


FIGURE 10 WALL OBJECTS MOUNTED WITH THEIR LEADING EDGE HIGHER THAN 27" MUST NOT PROTRUDE MORE THAN 4" FROM THE WALL.

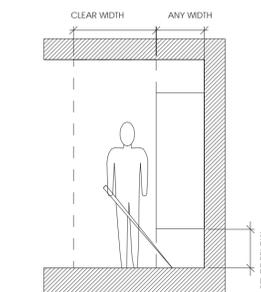


FIGURE 11 WALL OBJECTS MOUNTED WITH THEIR LEADING EDGE 27" OR BELOW ARE NOT RESTRICTED IN WIDTH ALLOWED TO PROTRUDE FROM THE WALL.

PROTRUDING OBJECTS:

1. LETTERS AND NUMBERS ON SIGNS SHALL BE RAISED 1/32" MINIMUM AND SHALL BE SANS-SERIF UPPERCASE CHARACTERS ACCOMPANIED BY GRADE 2 BRAILLE.

2. RAISED CHARACTERS OR SYMBOLS SHALL BE A MINIMUM OF 5/8" HIGH, BUT NO HIGHER THAN 2".

3. PICTORIAL SYMBOL SIGNS (PICTOGRAMS) SHALL BE ACCOMPANIED BY THE EQUIVALENT VERBAL DESCRIPTION PLACED DIRECTLY BELOW THE PICTOGRAM. THE BORDER DIMENSION OF THE PICTOGRAM SHALL BE A MINIMUM OF 6" IN HEIGHT.

4. LETTERS AND NUMBERS ON SIGNS SHALL HAVE A WIDTH-TO-HEIGHT RATIO OF BETWEEN 3.5 AND 1:1 AND A STROKE WIDTH-TO-HEIGHT RATIO BETWEEN 1:5 AND 1:10.

5. CHARACTERS AND SYMBOLS SHALL CONTRAST WITH THEIR BACKGROUND, EITHER LIGHT CHARACTERS ON A DARK BACKGROUND OR DARK CHARACTERS ON A LIGHT BACKGROUND. BOTH THE CHARACTERS AND BACKGROUND MUST HAVE A NON-GLARE FINISH.

6. CHARACTERS AND NUMBERS ON SIGNS SHALL BE SIZED ACCORDING TO THE VIEWING DISTANCE FROM WHICH THEY ARE TO BE READ. THE MINIMUM HEIGHT IS MEASURED USING AN UPPER CASE X. LOWER CASE CHARACTERS ARE PERMITTED. FOR SIGNS SUSPENDED OR PROJECTED ABOVE THE FINISH FLOOR IN COMPLIANCE WITH SECTION 11-4.4.2, THE MINIMUM CHARACTER HEIGHT SHALL BE 3".

7. CONTRACTED GRADE 2 BRAILLE SHALL BE USED WHEREVER BRAILLE SYMBOLS ARE SPECIFICALLY REQUIRED IN OTHER PORTIONS OF THESE REGULATIONS. DOTS SHALL BE 1/10" ON CENTERS IN EACH CELL WITH 2/10" SPACE BETWEEN CELLS. DOTS SHALL BE RAISED A MINIMUM OF 1/40" ABOVE THE BACKGROUND.

SIGN LOCATIONS:

8. ALL BUILDING ENTRANCES THAT ARE ACCESSIBLE TO AND USABLE BY PERSONS WITH DISABILITIES AND AT EVERY MAJOR JUNCTION ALONG OR LEADING TO AN ACCESSIBLE ROUTE OF TRAVEL SHALL BE IDENTIFIED WITH A SIGN DISPLAYING THE INTERNATIONAL SYMBOL OF ACCESSIBILITY AND WITH ADDITIONAL DIRECTIONAL SIGNS, AS REQUIRED, TO BE VISIBLE TO PERSONS ALONG APPROACHING PEDESTRIAN WAYS.

9. WHEN PERMANENT IDENTIFICATION IS PROVIDED FOR ROOMS AND SPACES, RAISED LETTERS SHALL BE PROVIDED AND SHALL BE ACCOMPANIED BY BRAILLE IN CONFORMANCE WITH SECTION 1117B.5.6. SIGNS SHALL BE INSTALLED ON THE WALL ADJACENT TO THE LATCH OUTSIDE OF THE DOOR. WHERE THERE IS NO WALL SPACE ON THE LATCH SIDE, INCLUDING AT LEAF DOORS, SIGNS SHALL BE PLACED ON THE NEAREST ADJACENT WALL, PREFERABLY ON THE RIGHT. MOUNTING HEIGHT SHALL BE 60" ABOVE THE FINISH FLOOR TO THE CENTERLINE OF THE SIGN. MOUNTING LOCATION SHALL BE DETERMINED SO THAT THE PERSON MAY APPROACH WITHIN 3" OF THE SIGNAGE WITHOUT ENCOUNTERING PROTRUDING OBJECTS OR STANDING WITHIN THE SWING OF A DOOR.

INTERNATIONAL SYMBOL OF ACCESSIBILITY:

11. STANDARD USED TO IDENTIFY ACCESSIBLE FACILITIES.

12. WHITE FIGURE ON BLUE BACKGROUND, COLOR # 15090 ON FEDERAL STANDARD # 595A.

13. WHEN ENFORCING AGENCY DETERMINES, IF APPROPRIATE, SPECIAL DESIGNS AND COLORS MAY BE APPROVED.

BRAILLE:

14. USE CONTRASTED GRADE 2 BRAILLE. DOTS TO BE 0.1 INCH ON CENTER IN EACH CELL.

15. 0.2 INCH SPACE BETWEEN CELLS.

16. DOTS RAISED MINIMUM 0.025 INCH ABOVE BACKGROUND.

ADA DIAGRAMS AND NOTES ARE REFERENCED FROM THE AMERICANS WITH DISABILITIES ACT HANDBOOK 2010

PROTRUDING OBJECTS CONT.:

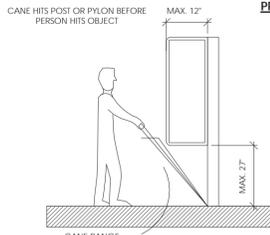


FIGURE 12 OBJECTS MOUNTED FREE-STANDING POST OR PYLONS MAY OVERHAND 12" WITH THEIR LEADING EDGE NO HIGHER THAN 27".

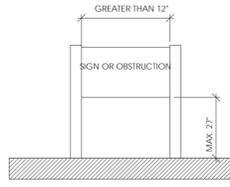


FIGURE 13 OBJECTS MOUNTED BETWEEN TWO POLES OR PYLONS MUST SPAN GREATER THAN 12" AND MUST HAVE THEIR LEADING EDGE NO HIGHER THAN 27".

SPACE ALLOWANCE AND REACH RANGE:

MIN. CLEAR FLOOR SPACE FOR A WHEEL CHAIR AND OCCUPANT IS 30" X 48" AND MAY BE POSITIONED FOR EITHER A FORWARD OR PARALLEL APPROACH TO AN OBJECT.

1. MIN. CLEAR WIDTH FOR A SINGLE WHEELCHAIR PASSAGE IS 36".
2. MIN. CLEAR WIDTH FOR TWO WHEELCHAIRS TO PASSES IS 60".
3. SPACE REQUIRED FOR A WHEELCHAIR TO TURN 180-DEGREES IS 60".

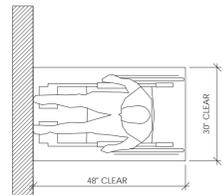


FIGURE 14 FORWARD APPROACH TO OBJECT

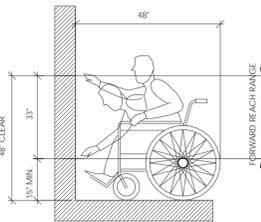


FIGURE 15 THE RANGE OF REACH FOR OBJECTS THAT ONLY HAVE FORWARD APPROACH CLEARANCE SHALL BE MIN. 15" FROM F.F. AND MAX. 48" FROM F.F.

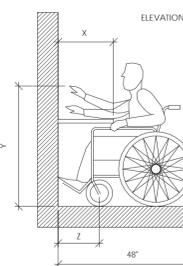
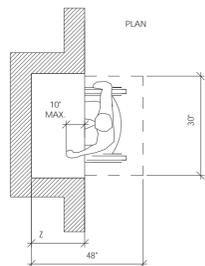


FIGURE 16 MAXIMUM FORWARD REACH OVER AN OBSTRUCTION



1. X SHALL BE < 25".
2. Z SHALL BE > X. WHEN X < 20", THEN Y SHALL BE 48" MAX.
3. WHEN X IS 20 TO 25", THEN Y SHALL BE 44" MAX.

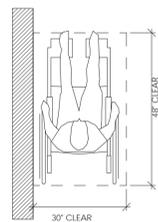


FIGURE 17 PARALLEL APPROACH TO OBJECT

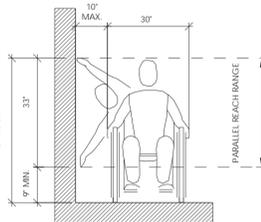


FIGURE 18 THE RANGE OF REACH FOR OBJECTS THAT HAVE A PARALLEL APPROACH CLEARANCE SHALL BE MIN. 9" FROM F.F. AND MAX. 54" FROM F.F.

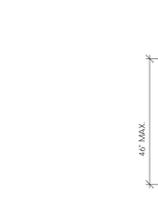


FIGURE 19 THE RANGE OF REACH FOR OBJECTS OVER OBSTRUCTIONS THAT HAVE A PARALLEL APPROACH CLEARANCE SHALL BE MIN. 34" FROM F.F. AND MAX. 46" FROM F.F.

DOOR CLEAR SPACE:

CLEAR SPACES MUST BE LEVEL TO PREVENT WHEELCHAIRS FROM ROLLING WHEN THE OCCUPANT RELEASES THE WHEEL GRIPS TO REACH FOR THE DOOR. 1/4" PER FOOT IS ALLOWED FOR DRAINAGE.

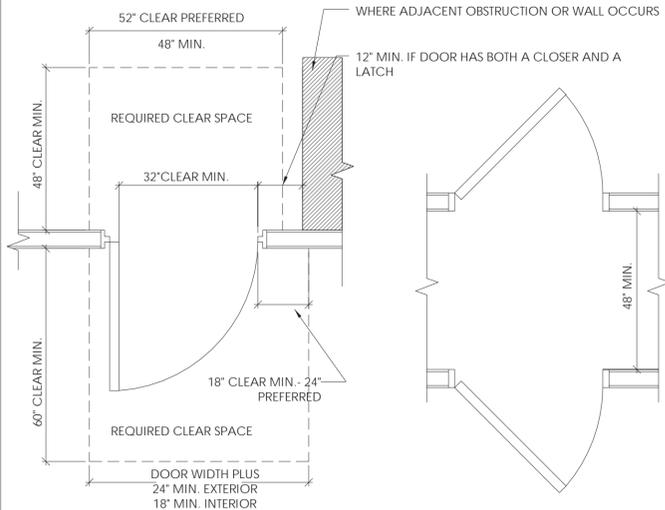


FIGURE 20 DOORWAYS INTENDED FOR FULL USER PASSAGE MUST HAVE A MIN. CLEAR OPENING OF 32" BETWEEN FACE OF DOOR AND OPPOSITE STOP AND OPEN AT LEAST 90-DEGREES.

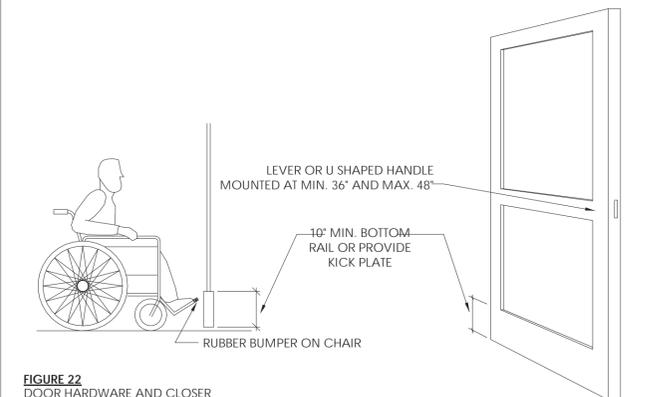


FIGURE 22 DOOR HARDWARE AND CLOSER

1. MINIMUM 10" HIGH SMOOTH SURFACE AT DOOR BOTTOM, EITHER ATTACHED PANEL OR BOTTOM RAIL.
2. OPERABLE BY SINGLE EFFORT LEVER-TYPE DEVICE (NOT REQUIRING GRASPING).
3. DOOR HARDWARE MOUNTED BETWEEN 36" TO 48" FROM F.F.
4. MAXIMUM 8.5 LBS. EFFORT TO OPERATE EXTERIOR DOOR, 5 LBS. FOR INTERIOR DOORS.

LEVEL CHANGES AND THRESHOLDS:

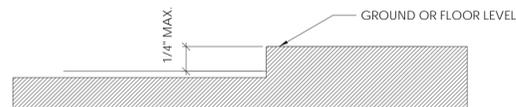


FIGURE 23- LEVEL CHANGE

1. LEVEL CHANGES UP TO 1/4" MAY BE VERTICAL AND WITHOUT EDGE TREATMENT.
2. LEVEL CHANGES BETWEEN 1/4" AND 1/2" MUST BE BEVELED WITH A SLOPE NO GREATER THAN 1:2.
3. CHANGES IN LEVEL GREATER THAN 1/2" MUST BE ACCOMPLISHED BY MEANS OF A RAMP.

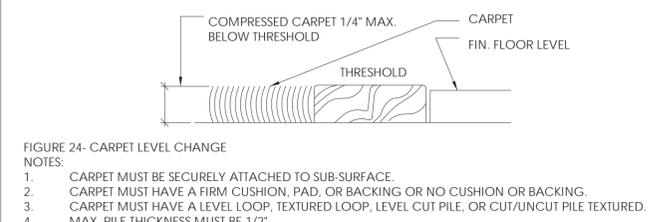


FIGURE 24- CARPET LEVEL CHANGE

1. CARPET MUST BE SECURELY ATTACHED TO SUB-SURFACE.
2. CARPET MUST HAVE A FIRM CUSHION, PAD, OR BACKING OR NO CUSHION OR BACKING.
3. CARPET MUST HAVE A LEVEL LOOP, TEXTURED LOOP, LEVEL CUT PILE, OR CUT/UNCUT PILE TEXTURED.
4. MAX. PILE THICKNESS MUST BE 1/2".
5. EXPOSED EDGE OF CARPET MUST BE FASTENED TO THE FLOOR SURFACE AND HAVE TRIM ALONG THE ENTIRE LENGTH OF EXPOSED EDGE.

LEVEL CHANGES AND THRESHOLDS (CONT.):

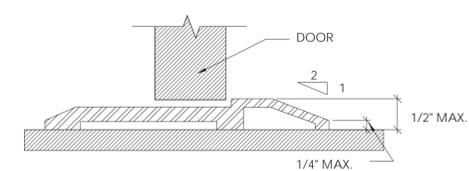


FIGURE 25- THRESHOLD

1. THRESHOLDS AT DOORWAYS MUST NOT EXCEED 1/2" IN HEIGHT.
2. RAISED THRESHOLDS AND FLOOR LEVEL CHANGES AT ACCESSIBLE DOORWAYS MUST BE BEVELED WITH A SLOPE NO GREATER THAN 1:2.

STAIR & HANDRAIL REQUIREMENTS:

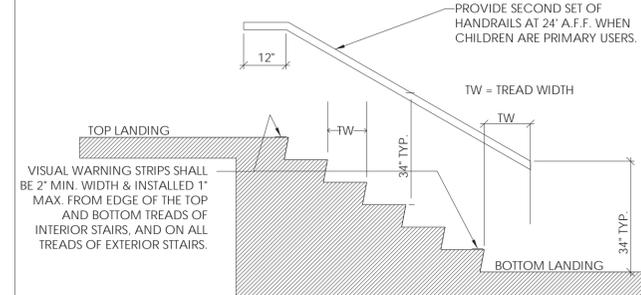


FIGURE 26- STAIR

- STAIR NOTES:**
1. RISER HEIGHTS AND TREAD WIDTHS MUST BE UNIFORM ON ANY GIVEN STAIR FLIGHT.
 2. STAIR TREADS SHALL BE NO LESS THAN 11" WIDE MEASURED FROM TREAD TO TREAD.
 3. OPEN TREADS ARE NOT PERMITTED FOR ADA STAIRS.
 4. NOSING RADIUS MUST NOT BE GREATER THAN 1/2" AND MUST NOT BE ABRUPT.
 5. RISERS MUST BE SLOPED OR UNDERSIDE OF NOSING MUST HAVE AN ANGLE OF AT LEAST 60-DEGREES FROM THE HORIZONTAL.
 6. NOSING PROJECTION MUST NOT EXCEED 1 1/2".
 7. HANDRAILS MUST BE PROVIDED ON BOTH SIDES OF STAIRS.
 8. HANDRAILS MUST EXTEND 12" BEYOND TOP RISER.
 9. HANDRAILS MUST EXTEND 12" PLUS THE TREAD DEPTH BEYOND THE BOTTOM RISER.
 10. TOP HANDRAIL EXTENSION MUST BE PARALLEL TO FLOOR SURFACE.
 11. BOTTOM HANDRAIL EXTENSION MUST CONTINUE TO SLOPE FOR A DISTANCE OF THE WIDTH OF ONE TREAD FROM THE BOTTOM RISER AND THEN TURN TO RUN PARALLEL WITH THE FLOOR SURFACE.
 12. CLEAR SPACE BETWEEN THE HANDRAIL AND WALL MUST BE 1 1/2".
 13. HANDRAILS MUST BE UNINTERRUPTED BY CONSTRUCTION ELEMENTS OR OBSTRUCTIONS.
 14. TOP OF HANDRAIL MUST BE MOUNTED BETWEEN 34" AND 38" ABOVE STAIR NOSING.
 15. END OF HANDRAIL MUST RETURN SMOOTHLY TO THE FLOOR, WALL, OR POST.
 16. HANDRAILS MUST NOT ROTATE IN THEIR FITTINGS.

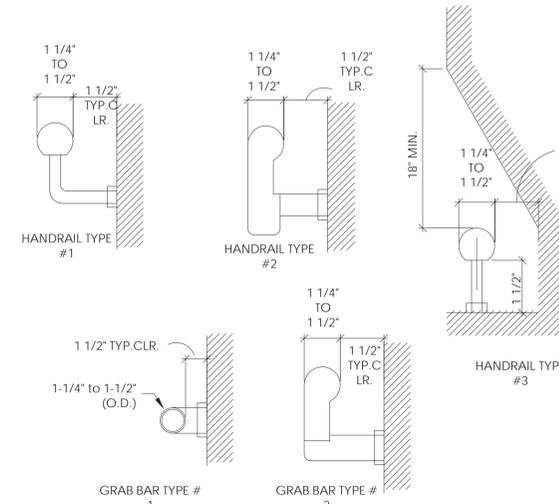


FIGURE 27- HANDRAIL & GRAB BAR PROFILES



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project title
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for
**CITY OF PEACHTREE
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310 TECHNOLOGY PARKWAY
PEACHTREE CORNERS, GA 30092

drawing information
project number: 16102
contact: Adam Williamson
drawn by: JTC
checked by: HLH
drawing date
JUNE 14, 2018

sheet title
**ADA NOTES &
SPECIFICATIONS**
sheet number

RAMP NOTES:

1. ALL RAMP NOTES MUST MEET HANDRAIL AND CURB REQUIREMENTS.
2. ALL PARTS OF ACCESSIBLE ROUTE WITH SLOPE GREATER 1:20 SHALL BE CONSIDERED A RAMP AND MUST COMPLY WITH THE FOLLOWING REQUIREMENTS.
3. MAX. SLOPE OF A RAMP SHALL BE 1:12.
4. MAX. RISE OF ANY RUN SHALL BE 30".
5. MIN. CLEAR WIDTH OF A RAMP SHALL BE 36".
6. RAMP LANDINGS MUST HAVE LEVEL LANDINGS AT BOTH THE TOP AND BOTTOM OF ALL RUNS.
7. RAMP LANDINGS MUST BE AT LEAST AS WIDE AS THE RAMP.
8. ALL RAMP LANDINGS SHALL BE NO LESS THAN 60" CLEAR, AND THE BOTTOM OF THE RAMP SHALL HAVE NOT LESS THAN 72" OF STRAIGHT AND LEVEL CLEARANCE.
9. LANDINGS AT LOCATIONS WHERE THE RAMP IS CHANGE DIRECTIONS SHALL BE NO LESS THAN 60" X 60".

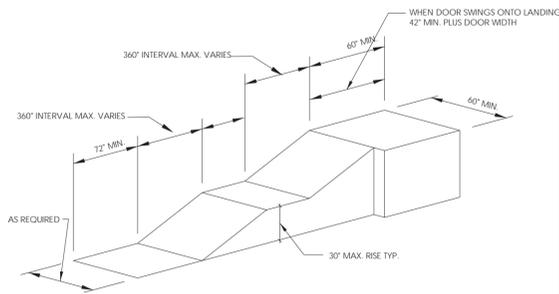


FIGURE 1
STRAIGHT RAMP RUN

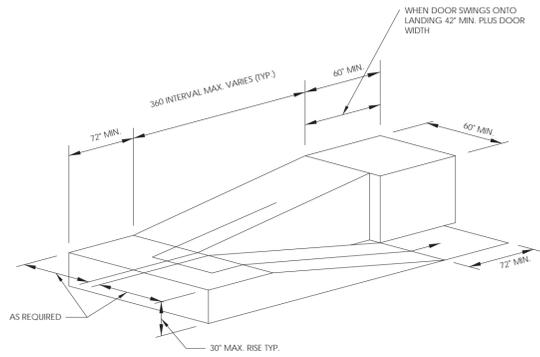


FIGURE 2
RAMP WITH INTERMEDIATE SWITCH BACK PLATFORM

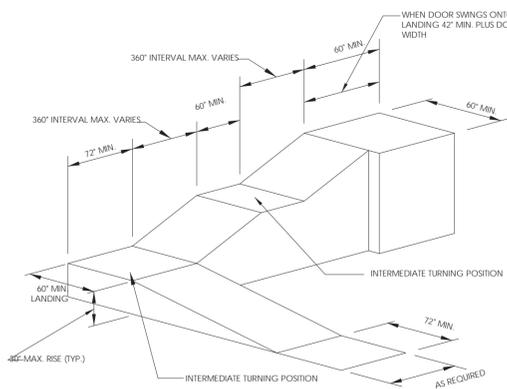


FIGURE 3
RAMP WITH TURNING PLATFORM

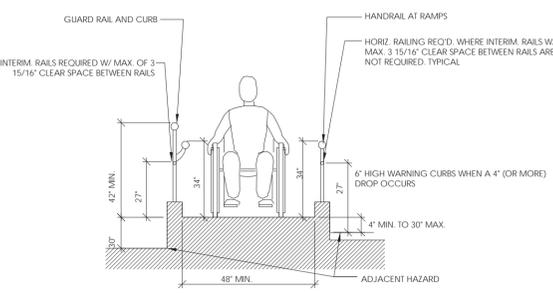


FIGURE 4
RAMP SECTION

ADA DIAGRAMS AND NOTES ARE REFERENCED FROM THE AMERICANS WITH DISABILITIES ACT HANDBOOK 2010

DRINKING FOUNTAINS AND WATER COOLERS:

1. SPOUT MUST BE NO HIGHER THAN 36" FROM F.F.
2. SPOUT MUST BE TO THE FRONT OF THE DRINKING FOUNTAIN OR WATER COOLER WITH A WATER FLOW TRAJECTORY PARALLEL TO THE FRONT OF THE UNIT
3. SPOUT MUST PROVIDE A WATER FLOW AT LEAST 4" HIGH TO ALLOW FOR A DRINKING CUP TO BE FILLED.
4. A ROUND OR OVAL BOWL ON A WATER FOUNTAIN OR WATER COOLER MUST HAVE THE SPOUT POSITIONED SO THE FLOW OF WATER IS WITHIN 3" OF THE FRONT EDGE OF THE FOUNTAIN.
5. CANTILEVERED UNITS MUST HAVE CLEAR KNEE SPACE BETWEEN THE BOTTOM OF THE APRON AND THE FLOOR OF AT LEAST 27" HIGH, 30" WIDE, AND 17" DEEP.
6. CANTILEVERED UNITS MUST HAVE A CLEAR FLOOR SPACE OF 30" X 48" TO ALLOW A FORWARD APPROACH TO THE UNIT.
7. FREE-STANDING OR BUILT-IN UNITS WITH NO CLEAR SPACE UNDER THE UNIT MUST HAVE CLEAR SPACE IN FRONT OF THE UNIT THAT ALLOWS FOR A PARALLEL APPROACH. SEE FIGURE 17/ A0.1.

RECESSED FOUNTAINS:

8. WITHIN ALCOVES MIN. 63" WIDE, MIN. 18" DEEP WHEN DOUBLE DRINKING FOUNTAINS ARE REQUIRED AND 32" MIN. CLR. WHEN A SINGLE FOUNTAIN IS PERMITTED.
9. CONTRACTOR SHALL COORDINATE WITH SIZE OF WATER FOUNTAIN TO BE USED AND SIZE ALCOVE ACCORDINGLY COMPLYING WITH REQUIREMENTS AND RECOMMENDATIONS AND COORDINATING WITH THE ARCHITECT.

PROJECTED FOUNTAINS:

10. WARNING FOR THE VISION IMPAIRED AT A PROJECTED DRINKING FOUNTAIN CAN BE PROVIDED BY EITHER OF THE FOLLOWING MEANS: THE SURFACE OF THE FLOOR OR GROUND AT THE DRINKING FOUNTAIN CAN BE OF CONTRASTING COLOR WITH A TEXTURE THAT CONTRASTS IN RESILIENCY WITH THE ADJACENT FINISHED FLOOR MATERIAL, SO THAT IT CAN BE SENSED BY A CANE, WITH THE TEXTURE EXTENDING FROM THE WALL TO ONE FOOT BEYOND THE FRONT EDGE OF THE DRINKING FOUNTAIN AND ON FOOT BEYOND EACH SIDE OF THE FOUNTAIN, OR INSTALL WING WALLS ON EACH SIDE OF THE DRINKING FOUNTAIN TO PROJECT OUT FROM THE MAIN WALL AT LEAST AS FAR AS THE DRINKING FOUNTAIN AND TO WITHIN 6" OF THE PATH OF TRAVEL FLOOR FINISH. THERE MUST BE 32" CLEAR BETWEEN THE WING WALLS.

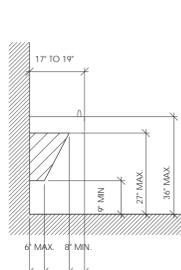


FIGURE 5
FOUNTAIN SECTION

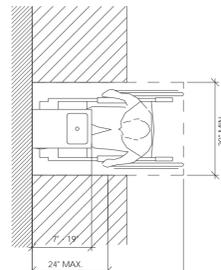


FIGURE 6
FOUNTAIN CLEAR FLOOR SPACE

RESTROOMS AND FIXTURES:

WATER CLOSET:

WATER CLOSETS MUST HAVE A CLEAR FLOOR SPACE OF 56" MIN. PERPENDICULAR FROM THE WATER CLOSET AND 48" MIN. CLEAR PARALLEL TO THE WATER CLOSET. A WALL MOUNTED LAVATORY MAY BE POSITIONED OVER THE CLEAR FLOOR SPACE AT A MAX. OF 18" INTO THE PARALLEL REQUIRED CLEAR SPACE. WATER CLOSETS MUST BE 17" TO 19" HEIGHT MEASUREMENT TO THE TOP OF THE TOILET SET. THE GRAB BAR BEHIND THE WATER CLOSET MUST BE A MIN. OF 36" LONG. TOILET CONTROLS MUST BE MOUNTED ON THE WIDE SIDE OF THE TOILET AREA AND BE MOUNTED NO MORE THAN 44" A.F.F. TOILET PAPER DISPENSER MUST BE MOUNTED IN REACH OF ADA PERSON AND THE DISPENSER MUST ALLOW FOR CONTINUE PAPER FLOW.

URINALS:

URINALS SHALL BE STALL-TYPE OR WALL-HUNG WITH AN ELONGATED RIM AT A MAX. 17" A.F.F. CLEAR FLOOR SPACE PROVIDED FOR URINALS MUST BE 30" X 48" TO PROVIDE A FRONT APPROACH FOR AN ADA PERSON. URINAL SHIELDS THAT DO NOT EXTEND BEYOND THE FRONT EDGE OF THE URINAL RIM MAY BE PROVIDED WITH 29" CLEARANCE BETWEEN THEM. URINAL F LUSH CONTROLS SHALL BE HAND OPERATED OR AUTOMATIC, AND MUST BE MOUNTED MAX. 44" A.F.F.

LAVATORIES & MIRRORS:

LAVATORIES MUST BE MOUNTED WITH THE RIM NO HIGHER THAN 34" A.F.F. LAVATORIES MUST HAVE MIN. 29" OF CLEARANCE ABOVE FINISH FLOOR TO THE BOTTOM OF THE APRON. KNEE SPACE AND AND TOE CLEARANCE MUST ALSO BE PROVIDED, AS SHOWN BELOW. 30" X 48" CLEAR FLOOR SPACE THAT PROVIDES A FORWARD APPROACH MUST BE PROVIDED AT ALL LAVATORIES. THIS CLEAR FLOOR SPACE MAY EXTEND A MAX. OF 19" UNDERNEATH THE LAVATORY. HOT WATER AND DRAIN PIPES UNDER THE LAVATORY MUST INSULATED OR CONFIGURED TO PROTECT AGAINST CONTACT. FAUCETS MUST BE LEVER-OPERATED, PUSH-TYPE, OR ELECTRONICALLY CONTROLLED. MIRRORS MUST BE MOUNTED WITH THE BOTTOM EDGE OF THE REFLECTED SURFACE NO HIGHER THAN 40" A.F.F.

RESTROOMS & FIXTURES (CONT.):

THIS DIAGRAM IS TO SHOW REQUIRE FIXTURE CLEARANCES. SEE PLAN FOR ACTUAL FIXTURE LOCATIONS

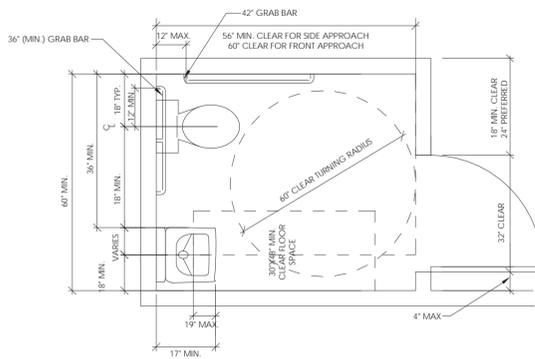


FIGURE 9
PRIVACY TOILET RESTROOM

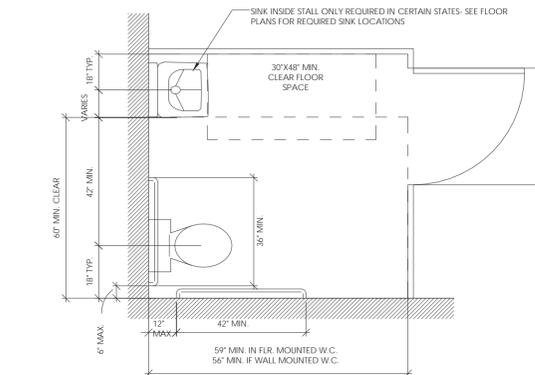


FIGURE 10
TOILET STALL NEW CONSTRUCTION

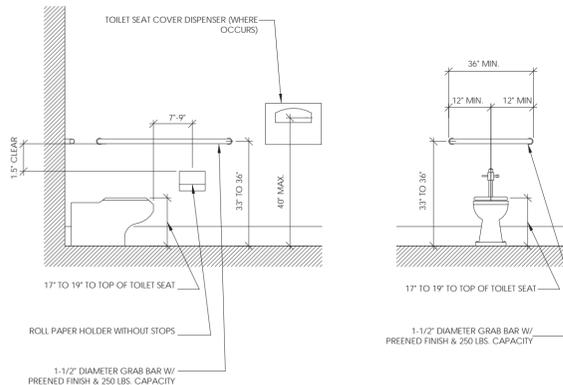


FIGURE 11
GRAB BAR AT WATER CLOSET SIDE WALL

FIGURE 12
GRAB BAR AT WATER CLOSET BACK WALL

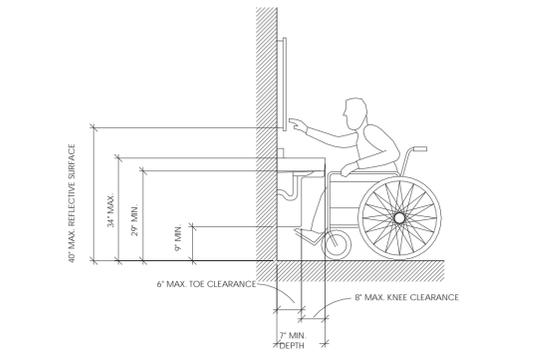


FIGURE 13
LAVATORY CLEARANCES AND MIRROR HEIGHTS

RESTROOMS & FIXTURES (CONT.):

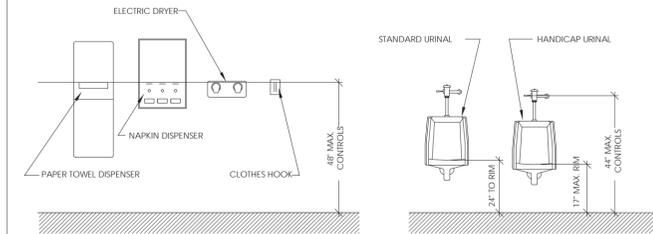


FIGURE 14
RESTROOM FIXTURE ACCESSORY HEIGHTS

FIGURE 15
URINAL HEIGHTS

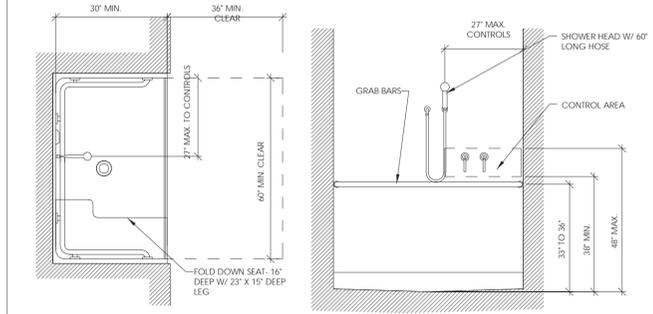


FIGURE 16
SHOWER SIZE AND CLEARANCE

FIGURE 17
GRAB BARS AND HEIGHTS AT LONG WALL OF SHOWER

RESTAURANTS & CAFETERIAS:

COUNTERS AND BARS:

WHERE FOOD OR DRINK IS SERVED AT COUNTERS EXCEEDING 34" IN HEIGHT FOR CONSUMPTION BY CUSTOMERS SEATED ON STOOLS OR STANDING AT THE COUNTER, A PORTION OF THE MAIN COUNTER WHICH IS 60" IN LENGTH MINIMUM SHALL BE PROVIDED BETWEEN 28" TO 34" ABOVE FINISH FLOOR.

FOOD SERVICE LINES:

FOOD SERVICE LINES SHALL HAVE A MIN. CLEAR WIDTH OF 36" WITH A PREFERRED CLEAR WIDTH OF 42" TO ALLOW PASSAGE AROUND A PERSON USING A WHEELCHAIR. TRAY SLIDES SHALL BE MOUNTED NO HIGHER THAN 34" ABOVE THE FLOOR. IF SELF-SERVICE SHELVES ARE PROVIDED, AT LEAST 50% OF EACH TYPE MUST BE WITHIN REACH RANGE OF A WHEELCHAIR BOUND INDIVIDUAL.

TABLEWARE AND CONDIMENT AREAS:

SELF-SERVICE SHELVES AND DISPENSING DEVICES FOR TABLEWARE, DISH WARE, CONDIMENTS, FOOD, AND BEVERAGES SHALL BE INSTALLED WITHIN REACH RANGE OF A WHEELCHAIR BOUND INDIVIDUAL.

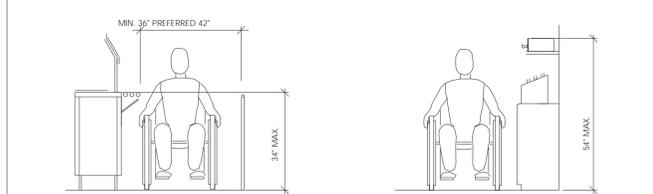


FIGURE 18
FOOD SERVICE LINE CLEARANCES & HEIGHTS

FIGURE 17
TABLEWARE AREA HEIGHTS

THEATER/ FIXED ASSEMBLY SEATING:

SIZED OF WHEELCHAIR LOCATIONS:

EACH WHEELCHAIR LOCATION SHALL PROVIDE A MIN. CLEAR FLOOR SPACE OF 48" X 66" WHERE FORWARD OR REAR ACCESS IS AVAILABLE AND 60" X 66" WHERE ONLY SIDE ACCESS IS AVAILABLE. EACH WHEELCHAIR LOCATION MUST BE LARGE ENOUGH FOR TWO WHEELCHAIR INDIVIDUALS COME TO A PERFORMS MAY SIT SIDE BY SIDE.

PLACEMENT OF WHEELCHAIR LOCATIONS:

WHEELCHAIR AREAS SHALL BE AN INTEGRAL PART OF ANY FIXED SEATING PLAN AND SHALL BE PROVIDED SO AS TO PROVIDE PEOPLE WITH PHYSICAL DISABILITIES A CHOICE OF ADMISSION PRICES AND LINES OF SIGHT COMPARABLE TO THOSE FOR MEMBERS OF THE GENERAL PUBLIC.

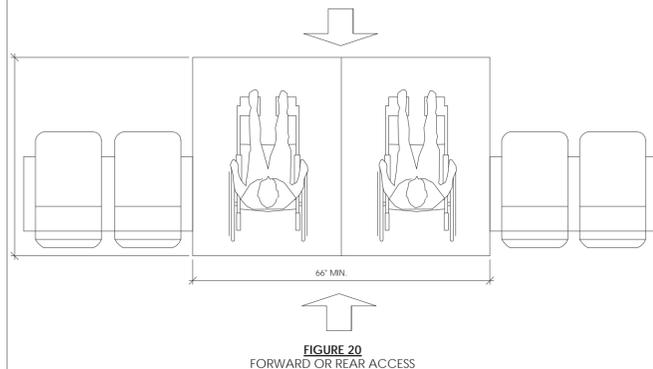


FIGURE 20
FORWARD OR REAR ACCESS

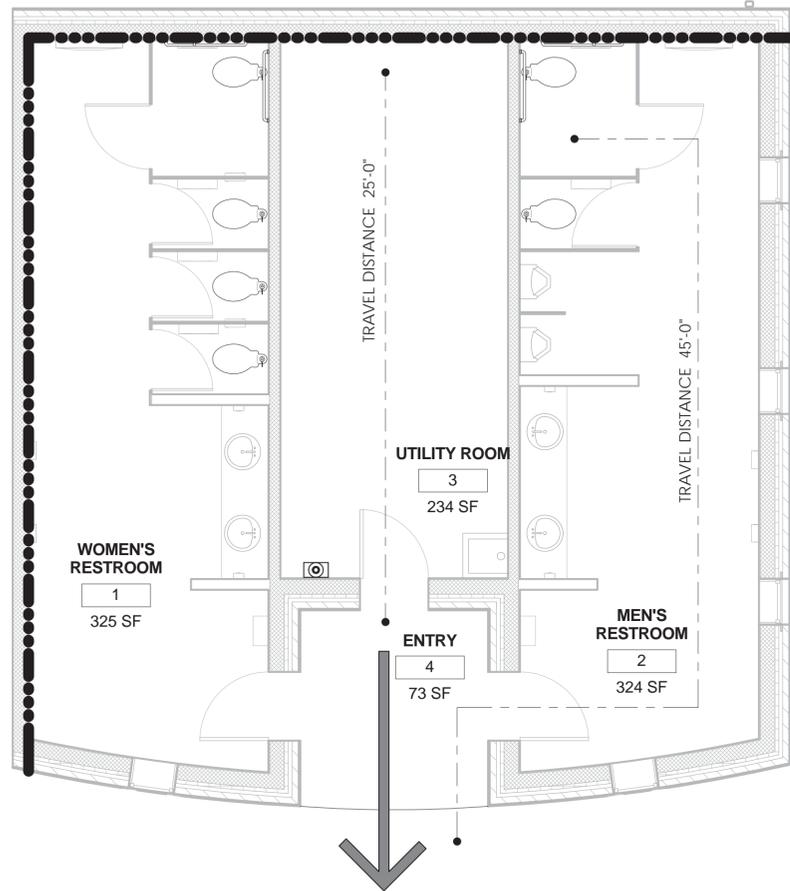


GENERAL NOTES:

- 1.01 WHEN THE WORD "PROVIDE" IS USED, IT MEANS TO PROVIDE AND INSTALL PER ALL MANUFACTURER'S SPECIFICATIONS, INDUSTRY STANDARDS, AND LOCAL CODES.
- 1.02 ALL CODES HAVING JURISDICTION SHALL BE STRICTLY ADHERED TO IN THE CONSTRUCTION OF THIS PROJECT, INCLUDING ALL APPLICABLE STATE, CITY, AND COUNTY BUILDING, ZONING, ELECTRICAL, MECHANICAL, PLUMBING, AND FIRE CODES. THE GENERAL CONTRACTOR SHALL VERIFY ALL CODE REQUIREMENTS PRIOR TO COMMENCEMENT OF CONSTRUCTION AND CONVEY ANY AND ALL DISCREPANCIES BETWEEN CODE REQUIREMENTS AND THE CONSTRUCTION DOCUMENTS TO THE ATTENTION OF THE ARCHITECT FOR APPROPRIATE RESOLUTION.
- 1.03 ALL WORK SHALL BE PERFORMED WITH THE HIGHEST DEGREE OF WORKMANSHIP. ALL MANUFACTURED COMPONENTS ARE TO BE INSTALLED PER THE MANUFACTURER'S INSTRUCTIONS AND WARRANTY REQUIREMENTS, APPLICABLE LAWS AND CODES, AND THE HIGHEST INDUSTRY-ACCEPTED STANDARDS. THE MOST STRINGENT STANDARD THAT DOES NOT VIOLATE ANOTHER STANDARD SHALL APPLY. THE SUBCONTRACTOR SHALL NOTIFY THE GENERAL CONTRACTOR OF ANY CONFLICT BETWEEN THOSE STANDARDS OR BETWEEN THOSE STANDARDS AND THE CONSTRUCTION DOCUMENTS. THE GENERAL CONTRACTOR SHALL NOTIFY THE ARCHITECT FOR DETERMINATION OF AN ACCEPTABLE RESOLUTION.
- 1.04 THE CONTRACTOR MUST BE EXPERIENCED IN ALL OF THE PROJECTS TYPES OF INSTALLATION. NO ALLOWANCES WILL BE MADE AFTER THE BID FOR FAILURE TO PROVIDE INSTALLATION PER NATIONAL AND LOCAL CODES.
- 1.05 THE GENERAL CONTRACTOR AND SUBCONTRACTORS SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD SUFFICIENTLY IN ADVANCE OF RELATED WORK TO BE PERFORMED TO ASSURE ORDERLY PROGRESS OF CONSTRUCTION. SUBCONTRACTORS SHALL NOTIFY THE GENERAL CONTRACTOR OF ANY DISCREPANCIES OR OMISSIONS IN THE CONSTRUCTION DOCUMENTS. THE GENERAL CONTRACTOR SHALL NOTIFY THE ARCHITECT AND OBTAIN WRITTEN INSTRUCTIONS PERTAINING TO SUCH WORK BEFORE PROCEEDING WITH RELATED CONSTRUCTION.
- 1.06 THE ARCHITECT CERTIFIES TO THE ACCURACY OF THE ARCHITECT'S DESIGN ELEMENTS AND THE DIMENSIONS REFLECTED IN THESE DRAWINGS. THE ARCHITECT IS NOT RESPONSIBLE FOR ANY CHANGES TO THE DRAWINGS BY THE OWNER AND/OR OWNER'S AGENT(S) WHICH ALTER THE ARCHITECT'S DESIGN INTENT AND/OR THE DIMENSIONS INDICATED HEREIN. THE ARCHITECT SHALL BE PROMPTLY NOTIFIED IN WRITING OF ANY SUCH CHANGES AND/OR ADDITIONS.
- 1.07 DIMENSIONS ARE TO FACE OF STUD, FACE OF CMU, CENTERLINE (-) OF FENESTRATION, OR TO STRUCTURAL LINES UNLESS OTHERWISE NOTED. OPENINGS IN MASONRY CONSTRUCTION ARE INDICATED BY "M.O." AND DIMENSIONS TO STRUCTURAL LINES ARE INDICATED BY THE CENTERLINE SYMBOL (-).
- 1.08 DO NOT SCALE DRAWINGS. DIMENSIONS SHOWN SHALL GOVERN THE WORK. THE GENERAL CONTRACTOR SHALL CONFIRM WITH THE ARCHITECT ANY DIMENSIONS THAT CONFLICT OR THAT CANNOT BE DETERMINED BY THE INFORMATION GIVEN IN THESE DRAWINGS.
- 1.09 NO CHANGES, MODIFICATIONS, OR DEVIATIONS SHALL BE MADE FROM THE DRAWINGS OR SPECIFICATIONS WITHOUT FIRST SECURING WRITTEN PERMISSION FROM THE ARCHITECT.
- 1.10 DEVIATIONS FROM THE CONTRACT DOCUMENTS AND LOCATIONS OF CONCEALED COMPONENTS SHALL BE NOTED ON A RECORD SET OF DRAWINGS BY THE CONTRACTOR AND PROVIDED TO THE OWNER UPON COMPLETION OF THE PROJECT.
- 1.11 DETAIL AND SECTION DRAWINGS ARE SHOWN AT SPECIFIC LOCATIONS AND ARE INTENDED TO SHOW GENERAL REQUIREMENTS THROUGHOUT. DETAILS NOTED AS TYPICAL IMPLY ALL SIMILAR CONDITIONS ARE TO BE CONSTRUCTED IN A SIMILAR MANNER.
- 1.12 CONTRACTORS ARE RESPONSIBLE FOR REVIEWING ENTIRE SET OF DOCUMENTS FOR ITEMS RELATED TO THEIR WORK.
- 1.13 WHEN A SYSTEM OR ASSEMBLY IS CALLED OUT, ALL NECESSARY PARTS AND MATERIALS REQUIRED FOR A COMPLETE SYSTEM SHALL BE ACCORDING TO THE MANUFACTURER'S INSTRUCTIONS.
- 1.14 IT IS THE INTENT OF THESE CONTRACT DOCUMENTS TO DEFINE A COMPLETE FINISHED FACILITY. ANY MATERIAL, SYSTEM, EQUIPMENT, OR ASSEMBLY WHICH NORMALLY WOULD BE REQUIRED SHALL BE PROVIDED AS IF SPECIFICALLY NOTED.
- 1.15 FINAL PRODUCT SPECIFICATIONS AND SUBMITTALS FOR ALL MATERIALS USED IN THE BUILDING SHALL BE KEPT ON SITE BY THE CONTRACTOR. ALL INSPECTORS SHALL HAVE ACCESS TO SPECIFICATIONS.

APPLICABLE CODES:

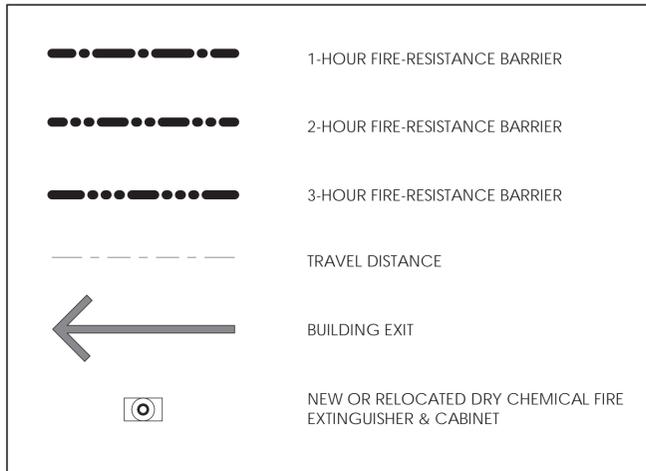
- INTERNATIONAL BUILDING CODE (IBC) 2012 WITH 2014, 2015, 2017 GEORGIA AMENDMENTS
- INTERNATIONAL FIRE CODE (IFC) 2012 WITH 2014 GEORGIA AMENDMENTS
- INTERNATIONAL PLUMBING CODE (IPC) 2012 WITH 2014, 2015 GEORGIA AMENDMENTS
- INTERNATIONAL MECHANICAL CODE (IMC) 2012 WITH 2014, 2015 GEORGIA AMENDMENTS
- INTERNATIONAL FUEL GAS CODE (IFGC) 2012 WITH 2014, 2015 GEORGIA AMENDMENTS
- NATIONAL ELECTRICAL CODE (NEC) 2017 WITH NO GEORGIA AMENDMENTS
- INTERNATIONAL ENERGY CONSERVATION CODE (IECC) 2009 WITH 2011, 2012 GEORGIA STATE SUPPLEMENTS AND AMENDMENTS.
- 2012 NFPA 101, LIFE SAFETY CODE
- 2010 AMERICANS WITH DISABILITIES ACT



1 FIRST FLOOR LIFE SAFETY PLAN

A0.4 SCALE: 1/4" = 1'-0"

LIFE SAFETY LEGEND:



CODE SUMMARY:

BUILDING DESCRIPTION:	THE BUILDING IS A 1-STORY RESTROOM BUILDING FOR THE CITY OF PEACHTREE CORNERS TOWN GREEN. IT WILL PROVIDE FOUR FIXTURES EACH FOR MEN AND WOMEN. THE BUILDING ALSO CONTAINS A STORAGE/UTILITY SPACE FOR THE PARK	IBC 2006 OR LSC
OCCUPANCY CLASSIFICATION:	LOW HAZARD STORAGE, GROUP S-2	IBC SECTION 304, IBC SECTION 307, IBC TABLE 307.1, LSC 6.1.11, LSC 6.2.1, NFPA 45 SEC. 10.1, & NFPA 30 SEC. 9.7
CONSTRUCTION TYPE:	V-8	IBC SECTION 602.2 & TABLE 601
AREA:	PER IBC 508.3, 508.3.1, AND 508.3.1.2, ALLOWABLE FLOOR AREA SHALL BE BASED ON THE MAIN OCCUPANCY - S-2 ALLOWABLE AREA PER FLOOR- 5,500 SQ. FT. ACTUAL AREA PER FLOOR- 1,076 SQ. FT.	IBC TABLE 503, IBC SECTION 506.3, & IBC SECTION 508.3.3
HEIGHT:	ALLOWABLE HEIGHT- 40'-0" FROM AVERAGE GRADE PLANE EXISTING HEIGHT- 18'-0" FROM AVERAGE GRADE PLANE	IBC TABLE 503 &
STORIES:	ALLOWABLE STORIES- ONE (1) STORY EXISTING STORIES- ONE (1) STORY	IBC TABLE 503 &
OCCUPANT LOAD:	NO INDIVIDUALS WILL BE RESIDING IN THIS BUILDING FOR AN EXTENDED PERIOD OF TIME. MAXIMUM TRANSIENT OCCUPANTS MAY BE FOUR PEOPLE IN EACH MEN AND WOMENS RESTROOMS.	LSC TABLE 7.3.1.2
AUTOMATIC SPRINKLER SYSTEMS:	THERE IS NO AUTOMATIC SPRINKLER SYSTEM PLANNED FOR THIS FACILITY.	IBC SECTION 903.2.1.2 & 903.3.1.1
FIRE PROTECTION REQUIREMENTS:	WALLS ON PROPERTY LINE 3 HOUR FIRE RESISTANCE RATING STRUCTURAL FRAME 0 HOUR FIRE RESISTANCE RATING BEARING WALLS EXTERIOR AND INTERIOR 0 HOUR FIRE RESISTANCE RATING NONBEARING WALLS AND PARTITIONS 0 HOUR FIRE RESISTANCE RATING FLOOR CONSTRUCTION 0 HOUR FIRE RESISTANCE RATING ROOF CONSTRUCTION 1 HOUR FIRE RESISTANCE RATING INCIDENTAL USE STORAGE AREAS OVER 100 SQ.FT. AUTOMATIC FIRE-EXTINGUISHING SYSTEM CORRIDOR	IBC TABLE 601, IBC TABLE 10.17.1, IBC SECTION 508, & LSC 7.1.3.1
NUMBER OF EXITS:	THREE (3) EXITS SHALL BE REQUIRED. THREE (3) EXITS SHALL BE PROVIDED	LSC 7.4 & 39.2.4
TOTAL REQUIRED EXIT WIDTH:	DOORS IN PATH OF TRAVEL SHALL BE NO LESS THAN 32 INCHES CLEAR LEVEL COMPONENTS= 0.2 INCHES PER OCCUPANT MIN. CORRIDOR WIDTH- 44" WITH TWO EXITS (13 PEOPLE X 0.2 = 0.34"/2 = 0.17")	LSC SECTION 7.2.1.2.3 LSC TABLE 7.3.3.1
ARRANGEMENT OF EXITS:	THE EXIT DOORS SHALL BE PLACED A DISTANCE APART EQUAL TO NOT LESS THAN ONE-HALF THE LENGTH OF THE MAX. OVERALL DIAGONAL DIMENSION OF THE BUILDING/ROOM THAT REQUIRES TWO EXITS.	LSC SECTION A.7.5.1.4
TRAVEL DISTANCE LIMIT:	S-2 NON-SPRINKLERED TRAVEL DISTANCE 45'-0"	LSC TABLE A.7.6.1
DEAD-END LIMIT:	S-2 - NON-SPRINKLERED ALLOWABLE DEAD END LIMIT FOR CORRIDORS NOT LIMITED	LSC TABLE A.7.6.1
COMMON PATH LIMIT:	S-2 - SPRINKLERED ALLOWABLE COMMON PATH NOT LIMITED	LSC TABLE A.7.6.1
MINIMUM HEAD CLEARANCE:	INTERIOR ROOM SHALL HAVE A MIN. CEILING HEIGHT NOT LESS THAN 7'-6".	IBC SECTION 1208.2

LIFE SAFETY PLAN NOTES:

1. SEE FIRE RATED ASSEMBLIES FOR REQUIREMENTS OF RATED WALL.
2. SYMBOLS FOR FIRE EXTINGUISHERS AND FIRE ALARMS ARE SHOWN LARGER THAN ACTUAL SIZE FOR CLARITY.

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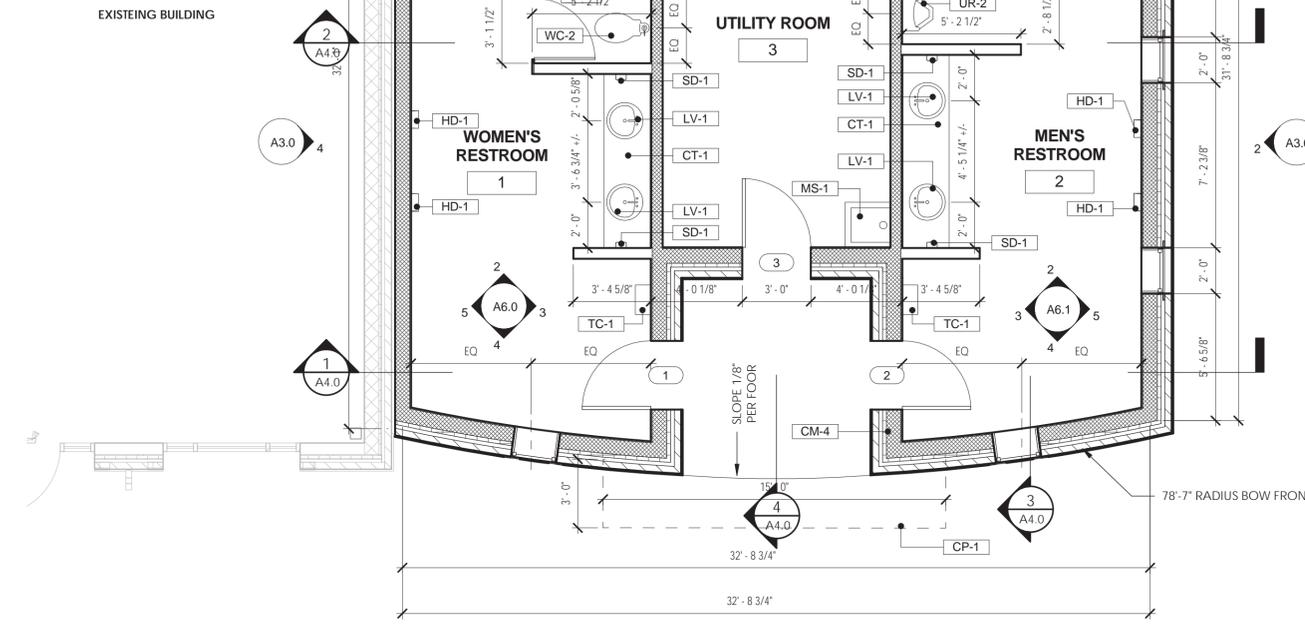
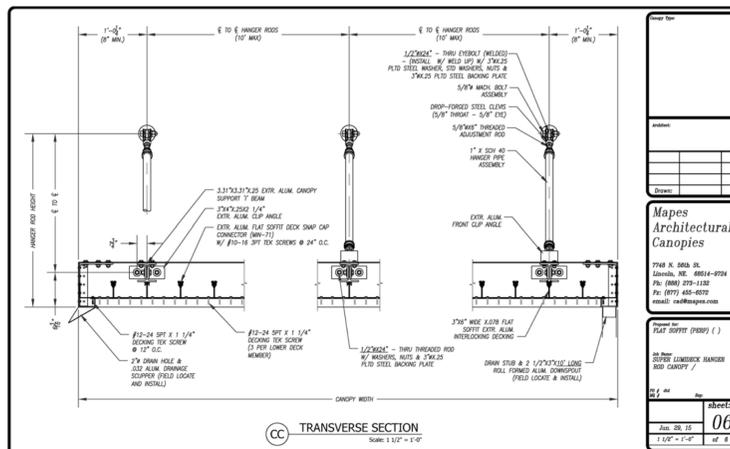
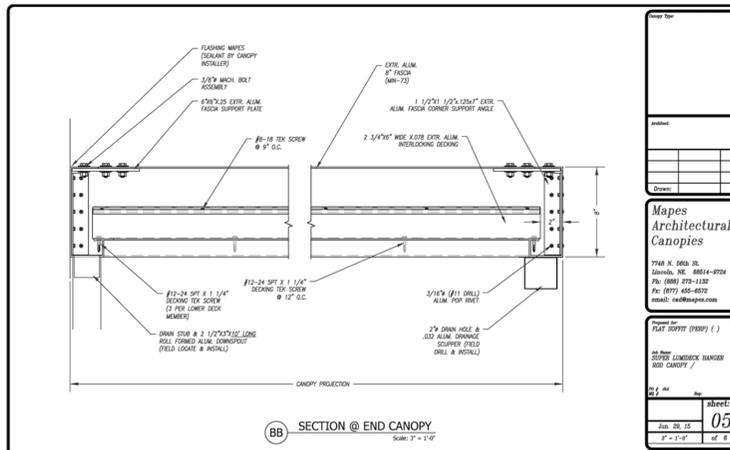
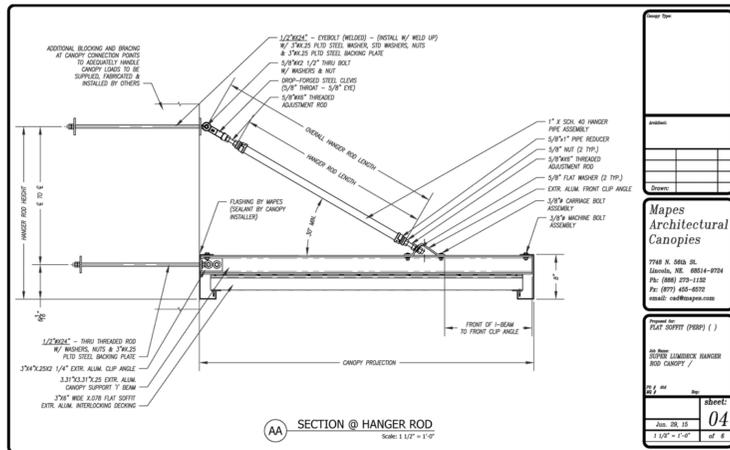
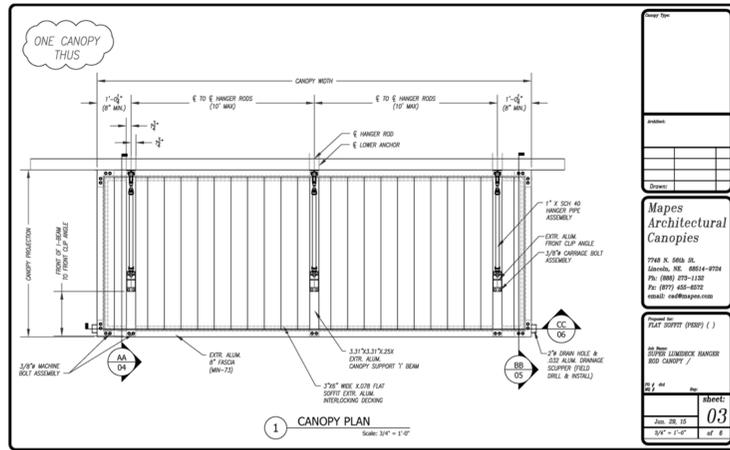
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PEACHTREE CORNERS TOWN GREEN RESTROOM & PAVILIONS

for
CITY OF PEACHTREE CORNERS
310 TECHNOLOGY PARKWAY
PEACHTREE CORNERS, GA 30092
drawing information

project number: 16102
contact: Adam Williamson
drawn by: JTC
checked by: HLH
drawing date
JUNE 14, 2018

sheet title
LIFE SAFETY PLAN

sheet number



FINISH SCHEDULE

RM	DESIGNATION	FLOOR FINISH	BOTTOM WALL FINISH	HIGH WALL FINISH	CEILING FINISH
1	WOMEN'S RESTROOM	EPOXY FLOOR W/ GRIT - LIGHT GRAY	INTERCERAMIC, STRUCTURA - IVOIRE & BRUNE	PLASTERED CMU WALL, PAINTED - WHITE	EXTERIOR OR PAPERLESS GYPSUM TYPE, PAINTED - WHITE
2	MEN'S RESTROOM	EPOXY FLOOR W/ GRIT - LIGHT GRAY	INTERCERAMIC, STRUCTURA - IVOIRE & BRUNE	PLASTERED CMU WALL, PAINTED - WHITE	EXTERIOR OR PAPERLESS GYPSUM TYPE, PAINTED - WHITE
3	UTILITY ROOM	SEALED CONCRETE	CMU WALL, PAINTED - WHITE	CMU WALL, PAINTED - WHITE	EXTERIOR OR PAPERLESS GYPSUM TYPE, PAINTED - WHITE

1. SEE INTERIOR ELEVATIONS FOR WALL TILE PATTERN

WINDOW SCHEDULE

TYPE	UNIT SIZE		DESCRIPTION	MATERIAL	FINISH	HEAD HEIGHT	COMMENTS
	WIDTH	HEIGHT					
A	2' - 0"	6' - 0"	FIXED WINDOW	ALUMINUM	FACTORY COATED	11' - 8"	FROSTED GLASS

1. ALL WINDOW GLAZING SHALL BE LOW-E.
2. COORDINATE WINDOW SIZES, DETAILS, AND ROUGH OPENING REQUIREMENTS OF WINDOW MANUFACTURER.
3. ALL SAFETY GLAZING SHALL MEET THE TEST REQUIREMENTS FOR CPSC 16 CFR 1201.
4. SEALANT JOINTS SHOULD BE A MINIMUM OF 3/8" WIDE AND SHOULD HAVE A 2:1 RELATIONSHIP OF WIDTH TO DEPTH.

DOOR SCHEDULE

DOOR NUMBER	ROOM NAME	DOOR			FIRE RATING	FRAME			COMMENTS		
		WIDTH	HEIGHT	THICKNESS		MATERIAL	FINISH	TYPE		MATERIAL	FINISH
1	WOMEN'S RESTROOM	3' - 0"	7' - 0"	0' - 1 3/4"	HOLLOW METAL W/ INSULATING CORE	PAINT	N/A	HOLLOW METAL	METAL	PAINT	DEAD BOLT ONLY, PUSH PLATE & PULL HANDLE, CLOSER, MOP PLATE, DOOR STOP
2	MEN'S RESTROOM	3' - 0"	7' - 0"	0' - 1 3/4"	HOLLOW METAL W/ INSULATING CORE	PAINT	N/A	HOLLOW METAL	METAL	PAINT	DEAD BOLT ONLY, PUSH PLATE & PULL HANDLE, CLOSER, MOP PLATE, DOOR STOP
3	UTILITY ROOM	3' - 0"	7' - 0"	0' - 1 3/4"	HOLLOW METAL W/ INSULATING CORE	PAINT	N/A	HOLLOW METAL	METAL	PAINT	STORAGE ROOM LOCK SET, CONCEALED CLOSER, MOP PLATE

1. COORDINATE DETAILS WITH REQUIREMENTS OF DOOR MANUFACTURER.
2. DOOR SIZES INDICATED ARE NOMINAL DIMENSIONS. COORDINATE ACTUAL SIZES WITH MANUFACTURER.
3. ALL CLOSERS SHALL REQUIRE NO MORE THAN 15 LBS. OF FORCE TO OPEN DOOR.
4. OWNER TO REVIEW HARDWARE BEFORE INSTALLATION AND PROGRAMMATIC REQUIREMENTS.
5. WHERE DOORS ARE ADJACENT TO WALLS WHICH ARE PERPENDICULAR TO THE DOOR IN THE CLOSED POSITION, PROVIDE A FLOOR STOP. IF NOT ALREADY NOTED ON THE DOOR SCHEDULE.

ARCHITECTURAL NOTES

MARK	MATERIAL
BC-1	ADA COMPLIANT VANDAL RESISTANT BABY CHANGING STATION
CM-2	8" 3-HOUR FIRE RATED CMU EXTERIOR WALL, UL U904. FLUID APPLIED WATERPROOFING LOCATION TO BE DETERMINED BASED ON BUILDING SEQUENCE
CM-3	6" CMU NON-STRUCTURAL INTERIOR WALL, SEE STRUC.
CM-4	8" CMU MASONRY WALL W/ MFR. STONE VENEER (ROCKCAST CHISELED TUMBLED FACE, COLOR STONE CREEK) TO MATCH ADJACENT RETAIL BUILDING
CM-5	8" CMU 3-HOUR FIRE RATED MASONRY WALL W/MFR. STONE VENEER (ROCKCAST CHISELED TUMBLED FACE, COLOR STONE CREEK) TO MATCH ADJACENT RETAIL BUILDING, UL U904. SEE STRUC.
CP-1	MFR. FLUOROPOLYMER COATED ALUMINUM CANOPY W/ TIE RODS - BASIS OF DESIGN SUPER LUMIDECK HANGER ROD CANOPY
CT-1	SOLID SURFACE COUNTERTOP
GB-1	1 1/4" PEENED STAINLESS STEEL ADA 3 PIECE GRAB BAR SET
HD-1	DYSON AIR BLADE V STAINLESS STEEL AUTOMATIC HAND DRYER OR EQUAL
LV-1	ADA COMPLIANT SENSOR ACTIVATED RIMMED LAVATORY
MS-1	24" X 24" MOP SINK WITH FAUCET
ND-1	STAINLESS STEEL DOUBLE SIDED SANITARY NAPKIN DISPOSAL W/ LOCK DUMBLER
PG-1	FLUOROPOLYMER COATED SQ. 6" ALUMINUM GUTTER W/ 4" ROUND DOWNSPOUTS
PH-1	VANDAL RESISTANT TOILET PAPER HOLDER TYPE TO BE CONFIRMED WITH THE CITY
PR-1	STAINLESS STEEL TOILET PARTITION, W/ COAT HOOK ON INSIDE OF DOOR
PR-2	STAINLESS STEEL URINAL PARTITION
SD-1	VANDAL RESISTANT AUTOMATIC SOAP DISPENSER
TC-1	ADA COMPLIANT STAINLESS STEEL WALL MOUNTED HIGH CAPACITY TRASH RECEPTACLE
UR-2	ADA SENSOR ACTIVATED COMPLIANT URINAL
WC-2	STANDARD SENSOR ACTIVATED WATER CLOSET

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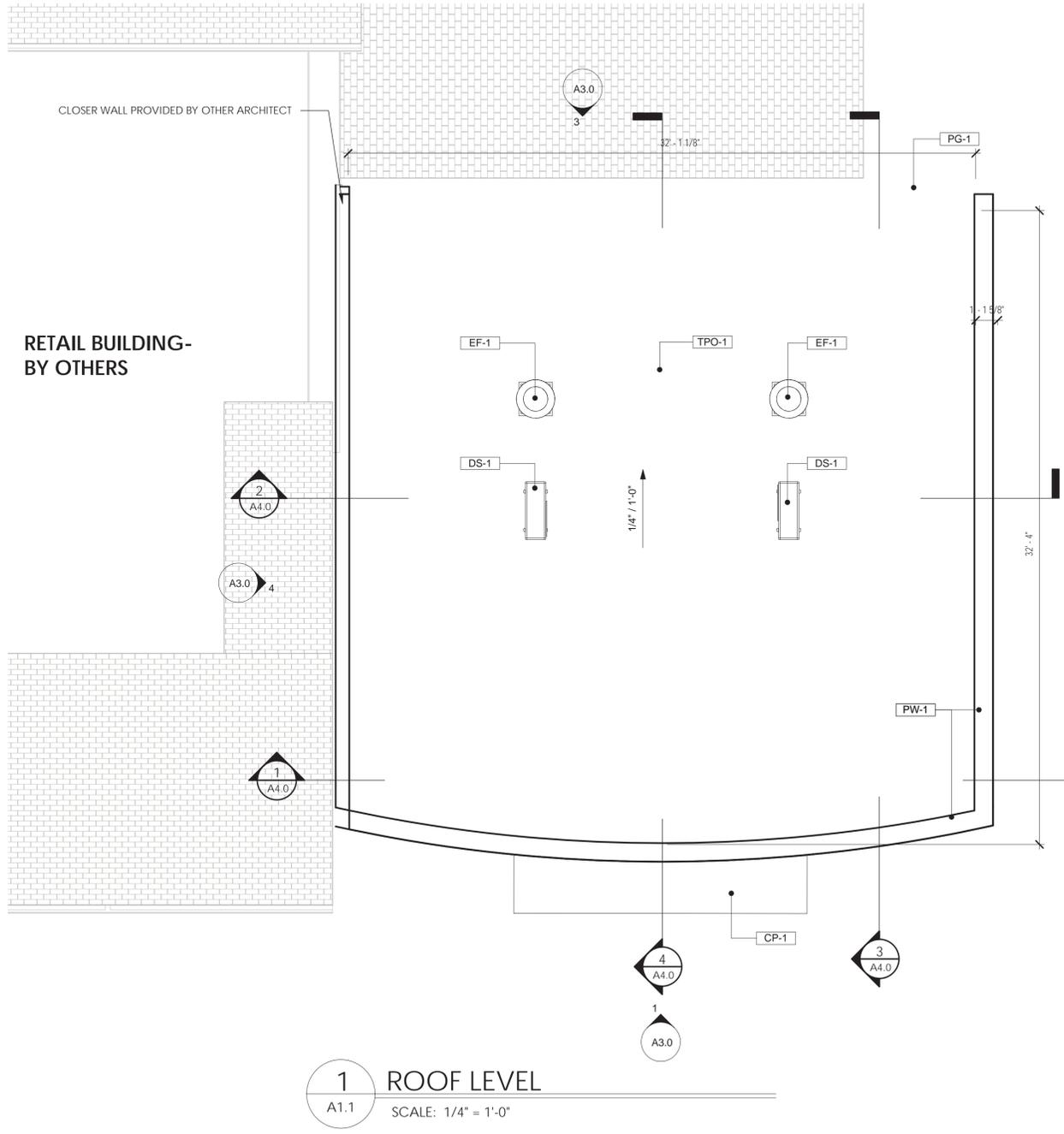
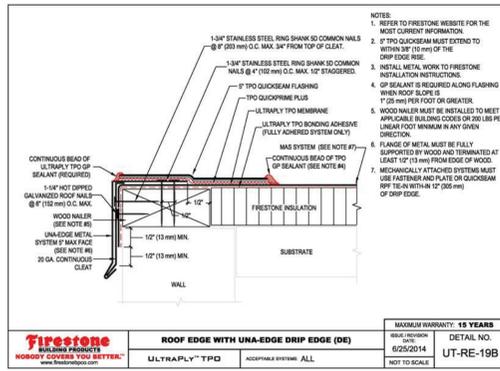
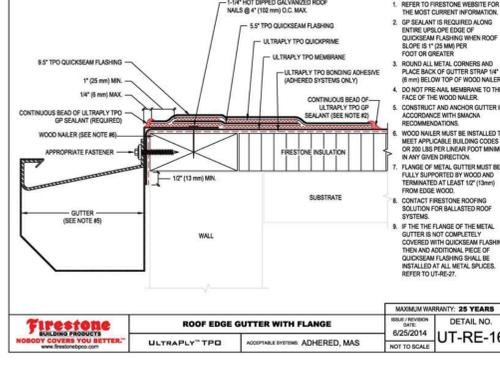
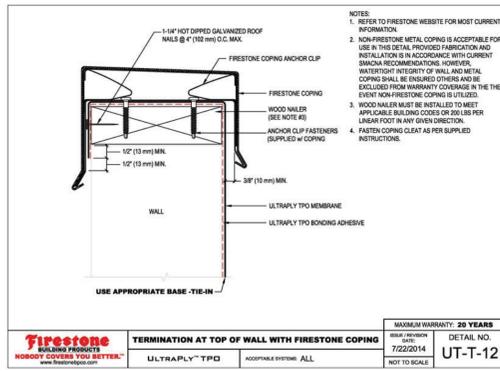
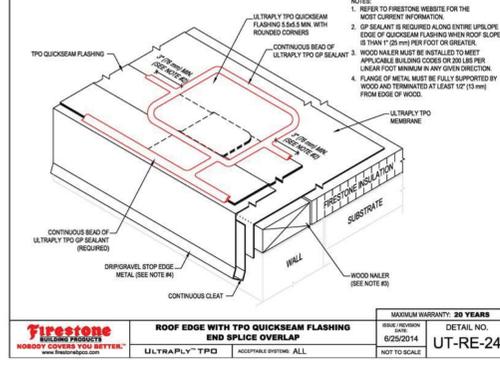
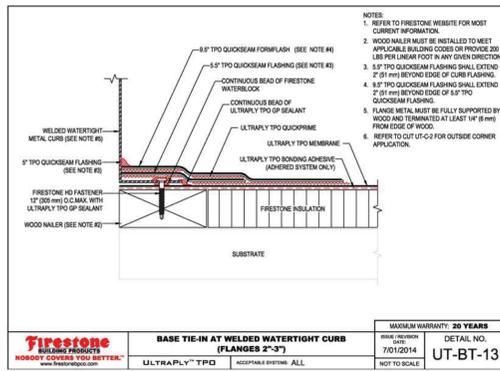
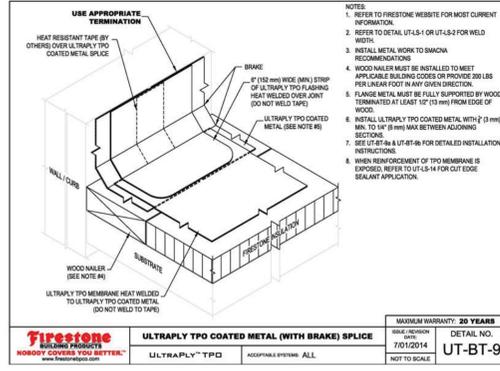
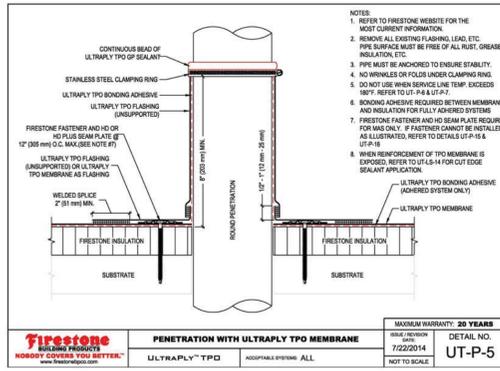
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CITY OF PEACHTREE CORNERS
310 TECHNOLOGY PARKWAY
PEACHTREE CORNERS, GA 30092

drawing information
project number: 16102
contact: Adam Williamson
drawn by: JTC
checked by: HLH
drawing date: **JUNE 14, 2018**

sheet title
FLOOR PLAN

sheet number



1 ROOF LEVEL
 SCALE: 1/4" = 1'-0"

ARCHITECTURAL NOTES

MARK	MATERIAL
DS-1	DUCTLESS SPLIT SYSTEM FOR RESTROOM. SEE MECH.
EF-1	RESTROOM EXHAUST FAN. SEE MECH.
PW-1	PARAPET WALL FRAMING W/ MFR. FLUOROPOLYMER COATED 3 PART STEEL COPING

TSW
 PLANNERS
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project title
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 TOWN GREEN RESTROOM
 & PAVILIONS**
 for
**CITY OF PEACHTREE
 CORNERS**
 310 TECHNOLOGY PARKWAY
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ROOF PLAN
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SS305



Order as a Complete Unit
 Model No. + Lamp Code + Finish Code + Option Code + Voltage
BASE MODEL NO.
 SS305

DIMENSIONS
 W H D MC BASE MODEL NO. ADD. LAMP CODE ADD. FINISH CODE
 10-1/2" 17" 12" 5-1/2" SS305 10-1/2" 17" 12" 5-1/2" SS305

SPECIFICATIONS
 Rating: 120 Volt Three Phase Electronic, 120/277
 Mounting: Wall Sconce Mounts to a 4" Diameter Electrical Box (or Existing with an Existing Box) and Measures From Top of Fixture to Center of Electrical Box.

FINISHES
 EM: Engraved Aluminum
 PF: Powder Coat Finish
 (Specify Color Code from Our Standard Finish Chart)

OPTIONS
 EM: Emergency Battery Pack with Fluorescent or LED Lighting (None)

LAMPING
 N100 = 100 Watt A19 Incandescent
 N150 = 150 Watt A19 Incandescent
 C287 = 28 Watt T8 Tube Compact Fluorescent 4 Pin Electronic, 0287C-2 Base
 C327 = 32 Watt T8 Tube Compact Fluorescent 4 Pin Electronic, 0327C-2 Base
 C427 = 42 Watt T8 Tube Compact Fluorescent 4 Pin Electronic, 0427C-2 Base
 L12-SK = 12 Watt LED 3000 Kelvin, 1200 Lumens
 L15-SK = 15 Watt LED 3000 Kelvin, 1500 Lumens

FEATURES
 • Dual Access Lamps
 • 3000 Aluminum Material
 • UL Listed for Wet Location
 • LED 0-10V Dimming Driver
 *Configuration options C287, C327 or C427 lamp options and can be labeled up to the highest wattage allowed.

SL
 317 001 000 0000
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SS310



Order as a Complete Unit
 Model No. + Lamp Code + Finish Code + Option Code + Voltage
BASE MODEL NO.
 SS310

DIMENSIONS
 W H D MC BASE MODEL NO. ADD. LAMP CODE ADD. FINISH CODE
 10-1/2" 18-1/4" 5-1/4" 8-1/2" SS310 10-1/2" 18-1/4" 5-1/4" 8-1/2" SS310

SPECIFICATIONS
 Rating: 120 Volt Three Phase Electronic, 120/277
 Mounting: Wall Sconce Mounts to a 4" Diameter Electrical Box (or Existing with an Existing Box) and Measures From Top of Fixture to Center of Electrical Box.

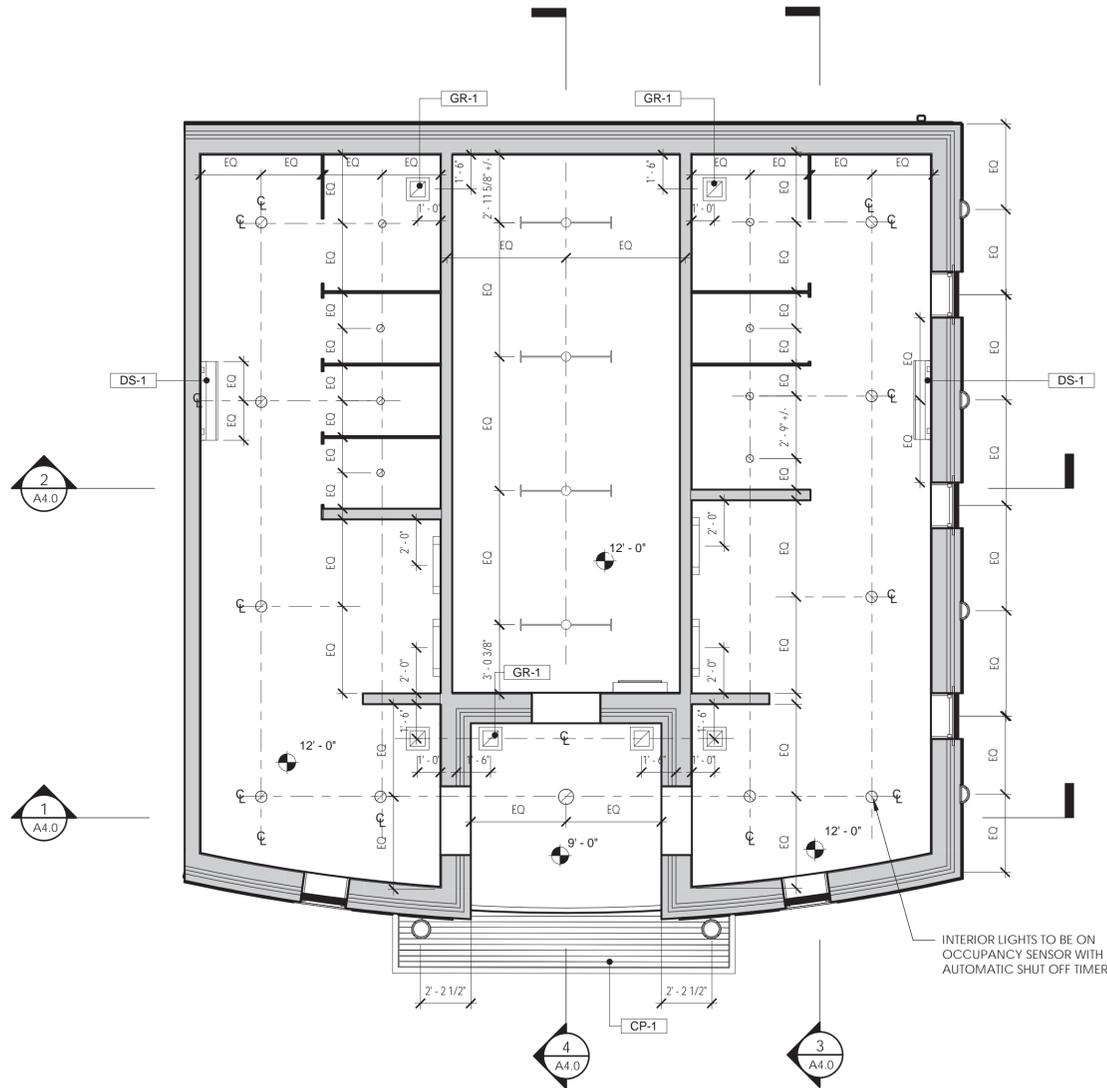
FINISHES
 EM: Engraved Aluminum
 PF: Powder Coat Finish
 (Specify Color Code from Our Standard Finish Chart)

OPTIONS
 EM: Emergency Battery Pack with Fluorescent Lighting (None)

LAMPING
 N100 = 100 Watt A19 Incandescent
 N150 = 150 Watt A19 Incandescent
 C138 = 13 Watt T8 Tube Compact Fluorescent 4 Pin Electronic, 0138C-1 Base
 C287 = 28 Watt T8 Tube Compact Fluorescent 4 Pin Electronic, 0287C-2 Base
 C327 = 32 Watt T8 Tube Compact Fluorescent 4 Pin Electronic, 0327C-2 Base
 C427 = 42 Watt T8 Tube Compact Fluorescent 4 Pin Electronic, 0427C-2 Base

FEATURES
 • Dual Access Lamps
 • 3000 Aluminum Material
 • UL Listed for Wet Location
 *Configuration options C287, C327 or C427 lamp options and can be labeled up to the highest wattage allowed.

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1 FIRST FLOOR REFLECTED CEILING PLAN
 A2.0 SCALE: 1/4" = 1'-0"

LIGHTING LEGEND

	EXTERIOR WALL LED CARRIAGE FIXTURE
	EXTERIOR WALL LED SCONCE FIXTURE
	4" LED FLUSH MOUNTED FIXTURE
	6" LED FLUSH MOUNTED FIXTURE
	8" LED FLUSH MOUNTED FIXTURE
	30" LED WALL MOUNTED VANITY FIXTURE
	4' FLUORESCENT STRIP UTILITY FIXTURE

REFLECTED CEILING PLAN NOTES

MARK	MATERIAL
CP-1	MFR. FLUOROPOLYMER COATED ALUMINUM CANOPY W/ TIE RODS- BASIS OF DESIGN SUPER LUMIDECK HANGER ROD CANOPY
DS-1	DUCTLESS SPLIT SYSTEM FOR RESTROOM, SEE MECH.
GR-1	PAINTABLE GRILLE & DIFFUSER, SEE MECH.

1. THE ARCHITECTURAL RCP PLAN IS FOR DIMENSIONAL CONTROL AND DESCRIPTION OF NON-ELECTRICAL CEILING ELEMENTS. REFER TO ELECTRICAL DRAWINGS FOR CIRCUIT, SWITCHING, AND ELECTRICAL PANEL INFORMATION.

2. HEIGHT ON CEILING TAGS DENOTES THE HEIGHT OF THE CEILING AS MEASURED VERTICALLY FROM THE FINISH FLOOR LEVEL

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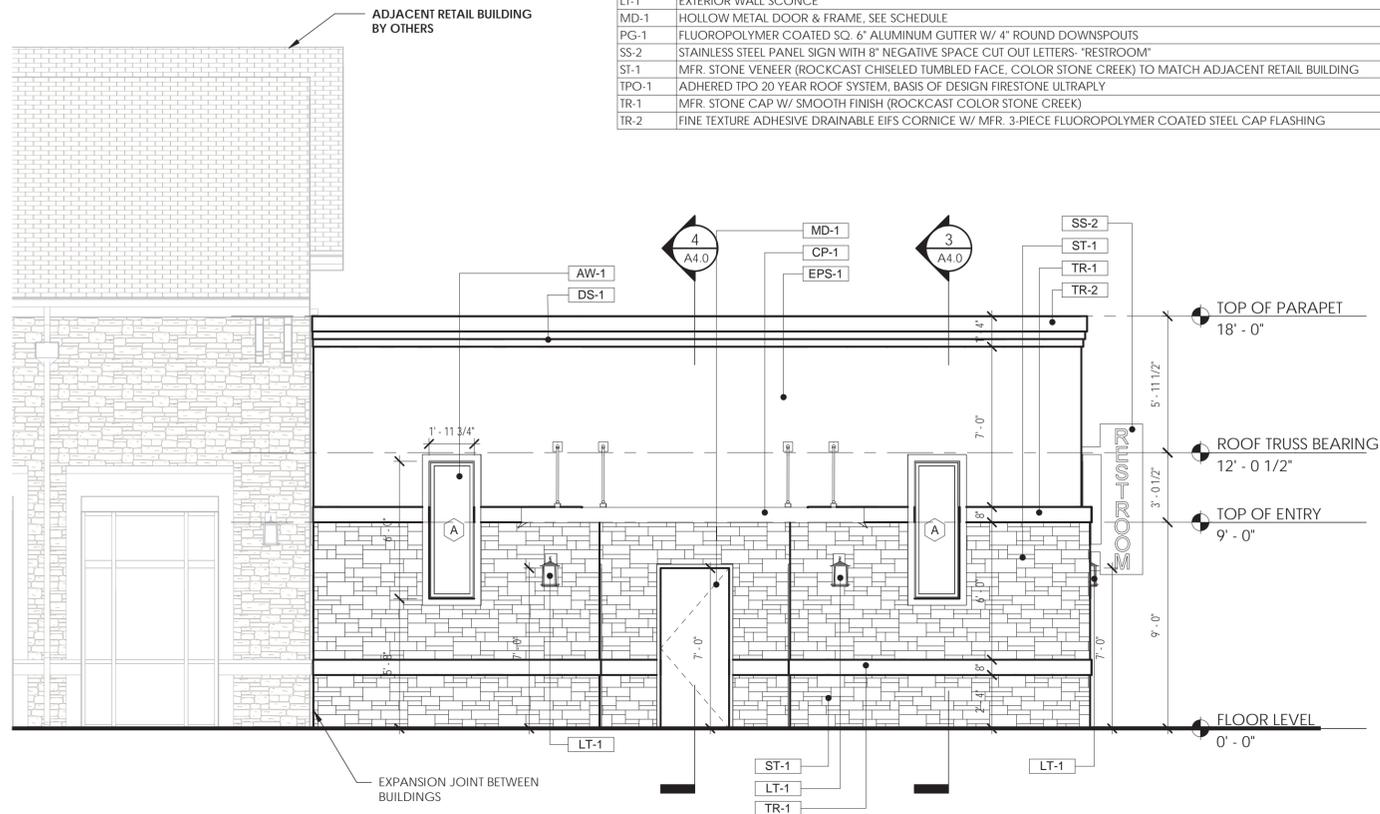
drawing information
 project number: 16102
 contact: Adam Williamson
 drawn by: JTC
 checked by: HLH

drawing date
JUNE 14, 2018

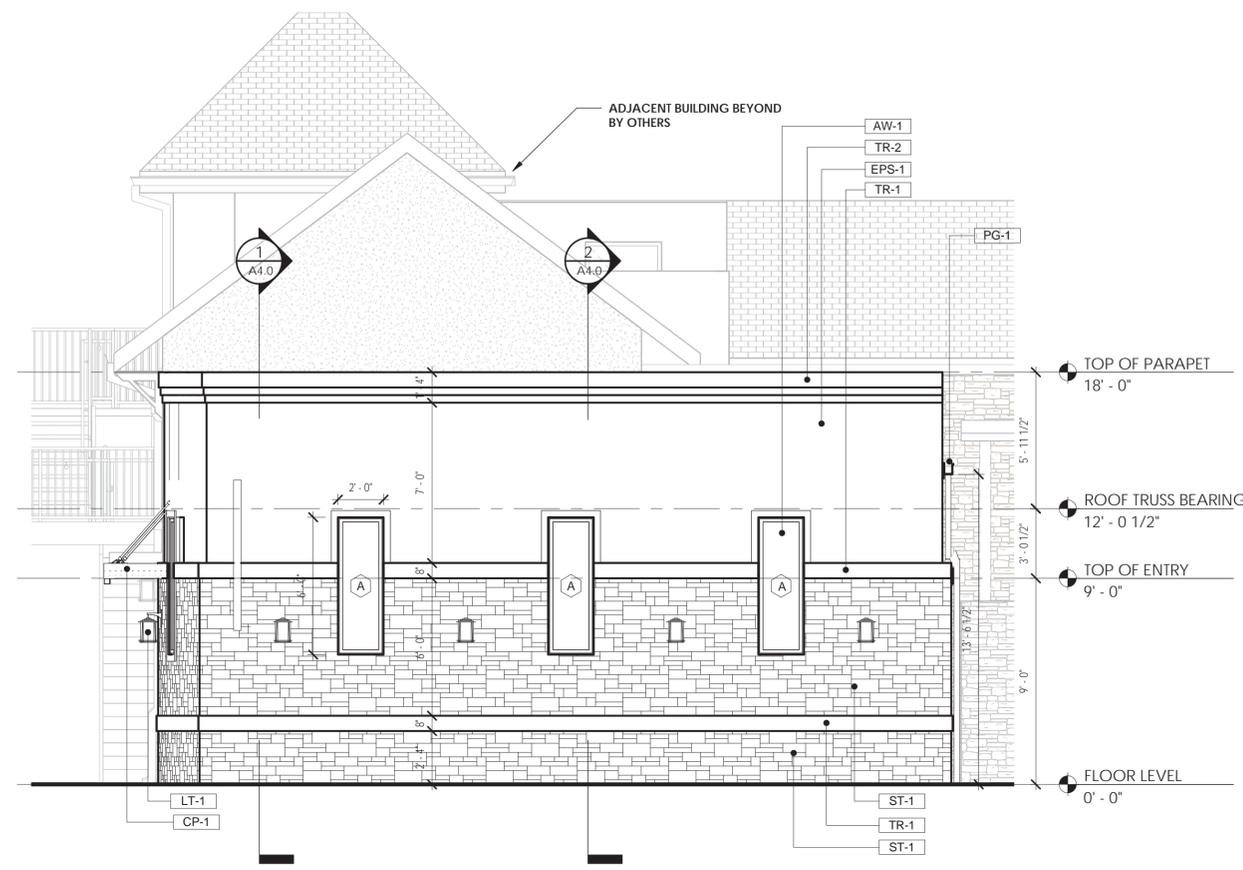
sheet title
**REFLECTED CEILING
 PLAN**
 sheet number

EXTERIOR FINISH NOTES

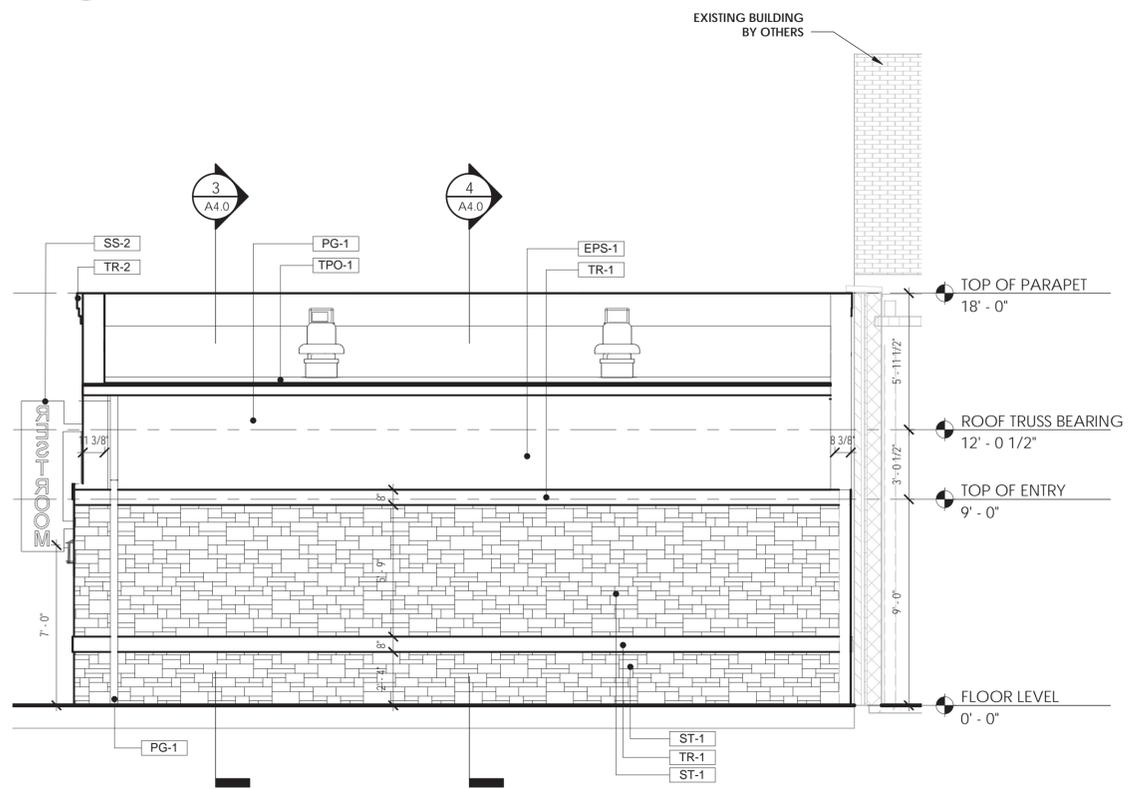
MARK	MATERIAL
AW-1	MFR. ALUMINUM WINDOW W/ FLANGE, SEE SCHEDULE
CM-2	8" 3-HOUR FIRE RATED CMU EXTERIOR WALL, UL U904. FLUID APPLIED WATERPROOFING LOCATION TO BE DETERMINED BASED ON BUILDING SEQUENCE
CP-1	MFR. FLUOROPOLYMER COATED ALUMINUM CANOPY W/ TIE RODS- BASIS OF DESIGN SUPER LUMIDECK HANGER ROD CANOPY
DS-1	DUCTLESS SPLIT SYSTEM FOR RESTROOM, SEE MECH.
EPS-1	FINE TEXTURE ADHESIVE DRAINABLE EIFS SYSTEM TO MATCH ADJACENT RETAIL BUILDING, COLOR MATCH DOVER SKY #104
LT-1	EXTERIOR WALL SCONCE
MD-1	HOLLOW METAL DOOR & FRAME, SEE SCHEDULE
PG-1	FLUOROPOLYMER COATED SQ. 6" ALUMINUM GUTTER W/ 4" ROUND DOWNSPOUTS
SS-2	STAINLESS STEEL PANEL SIGN WITH 8" NEGATIVE SPACE CUT OUT LETTERS: "RESTROOM"
ST-1	MFR. STONE VENEER (ROCKCAST CHISELED TUMBLED FACE, COLOR STONE CREEK) TO MATCH ADJACENT RETAIL BUILDING
TPO-1	ADHERED TPO 20 YEAR ROOF SYSTEM, BASIS OF DESIGN FIRESTONE ULTRAPLY
TR-1	MFR. STONE CAP W/ SMOOTH FINISH (ROCKCAST COLOR STONE CREEK)
TR-2	FINE TEXTURE ADHESIVE DRAINABLE EIFS CORNICE W/ MFR. 3-PIECE FLUOROPOLYMER COATED STEEL CAP FLASHING



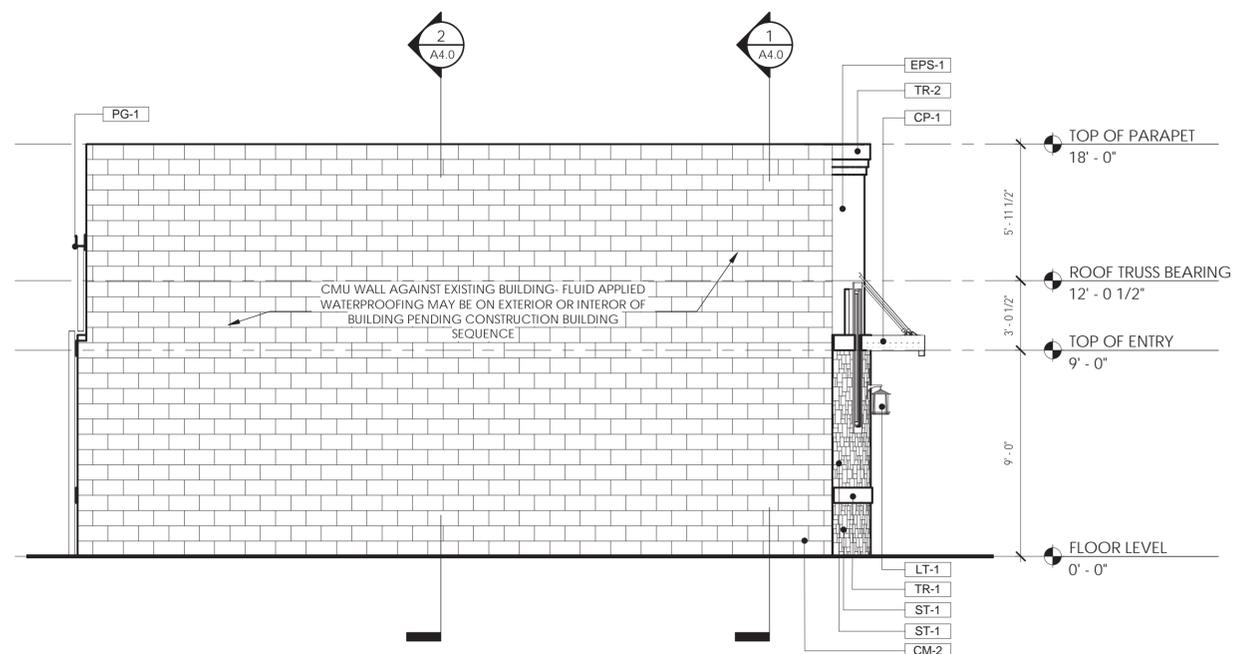
1 FRONT ELEVATION
A3.0 SCALE: 1/4" = 1'-0"



2 RIGHT ELEVATION
A3.0 SCALE: 1/4" = 1'-0"



3 REAR ELEVATION
A3.0 SCALE: 1/4" = 1'-0"



4 LEFT ELEVATION
A3.0 SCALE: 1/4" = 1'-0"



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drawing information
project number: 16102
contact: Adam Williamson
drawn by: JTC
checked by: HLH
drawing date
JUNE 14, 2018
sheet title
BUILDING ELEVATIONS
sheet number



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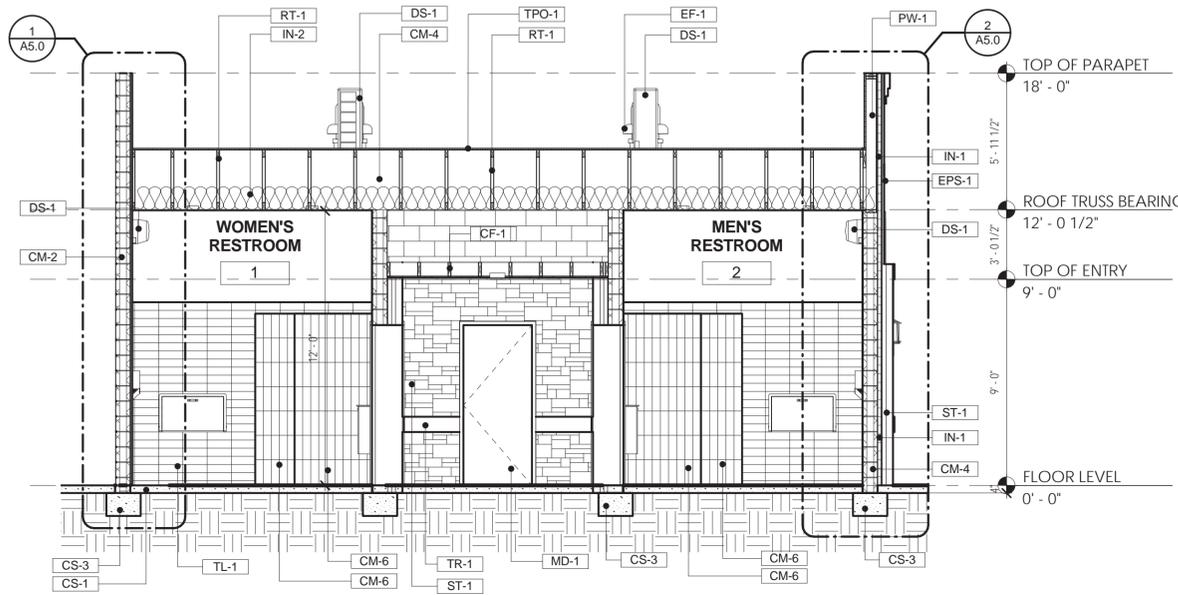
drawing information
project number: 16102
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checked by: HLH
drawing date
JUNE 14, 2018

sheet title
BUILDING SECTIONS

sheet number

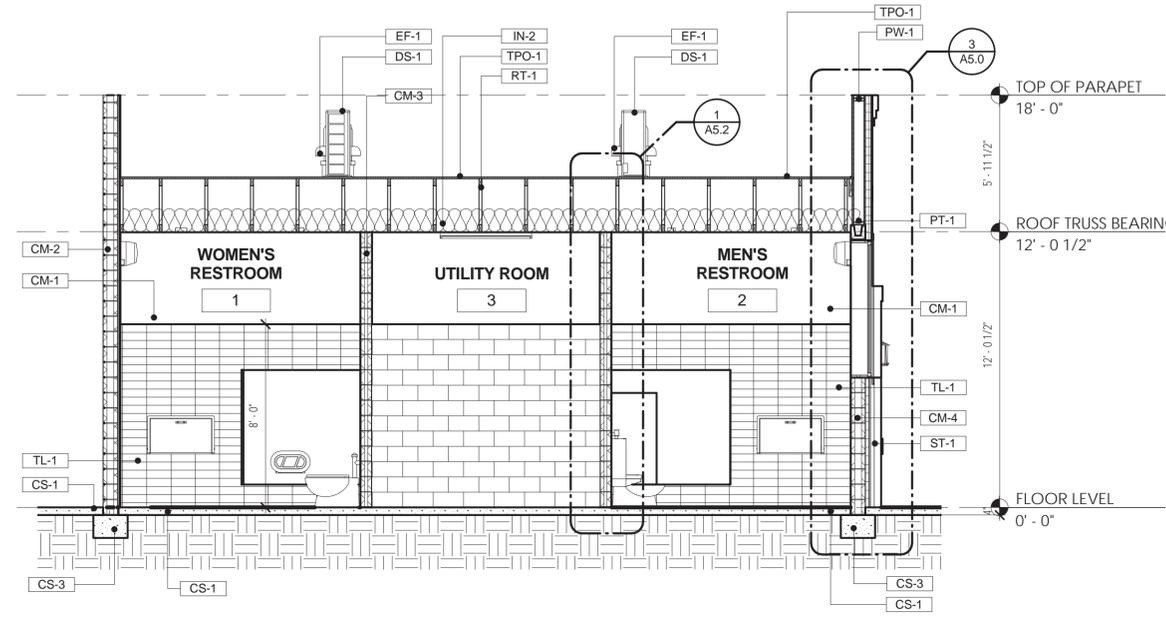
BUILDING SECTION NOTES

MARK	MATERIAL
AW-1	MFR. ALUMINUM WINDOW W/ FLANGE, SEE SCHEDULE
BD-1	REINF. CMU BOND BEAM, SEE STRUC.
CF-1	2X8 PRESSURE TREATED CEILING JOIST W/ EXT. COMPOSITE T&G 1X6 CEILING, SEE STRUC.
CM-1	GYPSUM PLASTER OVER CONCRETE MASONRY UNITS, PAINTED
CM-2	8" 3-HOUR FIRE RATED CMU EXTERIOR WALL, UL U904. FLUID APPLIED WATERPROOFING LOCATION TO BE DETERMINED BASED ON BUILDING SEQUENCE
CM-3	6" CMU NON-STRUCTURAL INTERIOR WALL, SEE STRUC.
CM-4	8" CMU MASONRY WALL W/ MFR. STONE VENEER (ROCKCAST CHISELED TUMBLED FACE, COLOR STONE CREEK) TO MATCH ADJACENT RETAIL BUILDING
CM-5	8" CMU 3-HOUR FIRE RATED MASONRY WALL W/MFR. STONE VENEER (ROCKCAST CHISELED TUMBLED FACE, COLOR STONE CREEK) TO MATCH ADJACENT RETAIL BUILDING, UL U904. SEE STRUC.
CM-6	4" CMU INTERIOR WALL W/ TILE FINISH
CP-1	MFR. FLUOROPOLYMER COATED ALUMINUM CANOPY W/ TIE RODS. BASIS OF DESIGN SUPER LUMIDECK HANGER ROD CANOPY
CS-1	REINF. CONCRETE SLAB ON GRADE W/ UNDER SLAB VAPOR BARRIER AND GRAVEL, SEE STRUC.
CS-2	REINF. CONCRETE SLAB TURNDOWN, SEE STRUC.
CS-3	REINF. CMU WALL CONCRETE FOOTING, SEE STRUC.
DS-1	DUCTLESS SPLIT SYSTEM FOR RESTROOM, SEE MECH.
EF-1	RESTROOM EXHAUST FAN, SEE MECH.
EPS-1	FINE TEXTURE ADHESIVE DRAINABLE EIFS SYSTEM TO MATCH ADJACENT RETAIL BUILDING, COLOR MATCH DOVER SKY #104
IN-1	R-7.6 CONT. RIGID EXTERIOR WALL INSULATION
IN-2	R-38 CEILING CAVITY BATT INSULATION
LT-1	EXTERIOR WALL SCONCE
MD-1	HOLLOW METAL DOOR & FRAME, SEE SCHEDULE
PG-1	FLUOROPOLYMER COATED SQ. 6" ALUMINUM GUTTER W/ 4" ROUND DOWNSPOUTS
PT-1	PRESSURE TREATED WOOD TOP PLATE, SEE STRUC.
PW-1	PARAPET WALL FRAMING W/ MFR. FLUOROPOLYMER COATED 3 PART STEEL COPING
RT-1	MFR. GANG-NAIL OPEN WEB ROOF TRUSS W/ SLOPED TOP CHORD, SEE STRUC.
ST-1	MFR. STONE VENEER (ROCKCAST CHISELED TUMBLED FACE, COLOR STONE CREEK) TO MATCH ADJACENT RETAIL BUILDING
TL-1	WALL TILE, SEE FINISH SCHEDULE & INTERIOR ELEVATIONS FOR PATTERN
TPO-1	ADHERED TPO 20 YEAR ROOF SYSTEM, BASIS OF DESIGN FIRESTONE ULTRAPLY
TR-1	MFR. STONE CAP W/ SMOOTH FINISH (ROCKCAST COLOR STONE CREEK)
TR-2	WALL TILE, SEE FINISH SCHEDULE & INTERIOR ELEVATIONS FOR PATTERN
TR-3	MFR. STONE CAP W/ SMOOTH FINISH (ROCKCAST COLOR STONE CREEK)



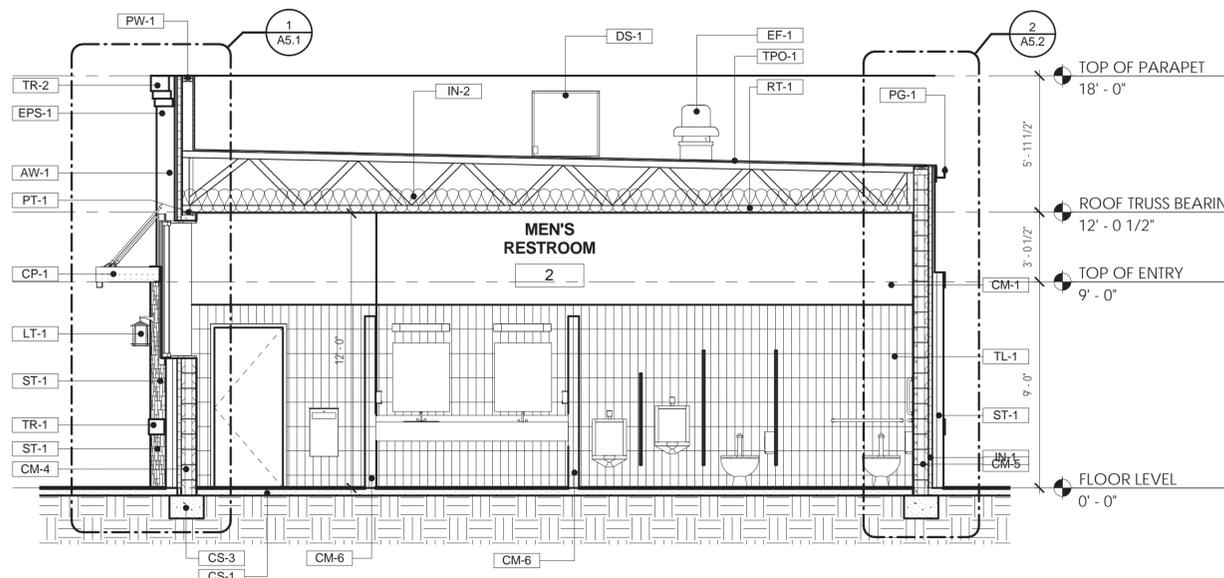
1 LONGITUDIAL SECTION 1

A4.0 SCALE: 1/4" = 1'-0"



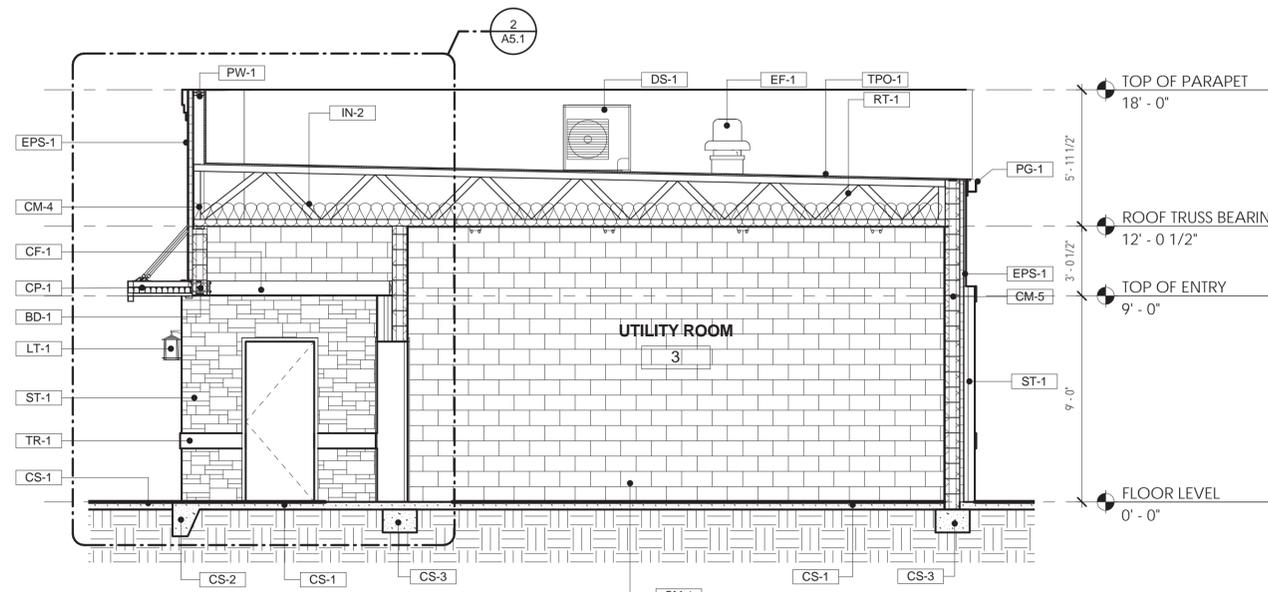
2 LONGITUDIAL SECTION 2

A4.0 SCALE: 1/4" = 1'-0"



3 TRANSVERSE SECTION 1

A4.0 SCALE: 1/4" = 1'-0"



4 TRANSVERSE SECTION 2

A4.0 SCALE: 1/4" = 1'-0"

seal



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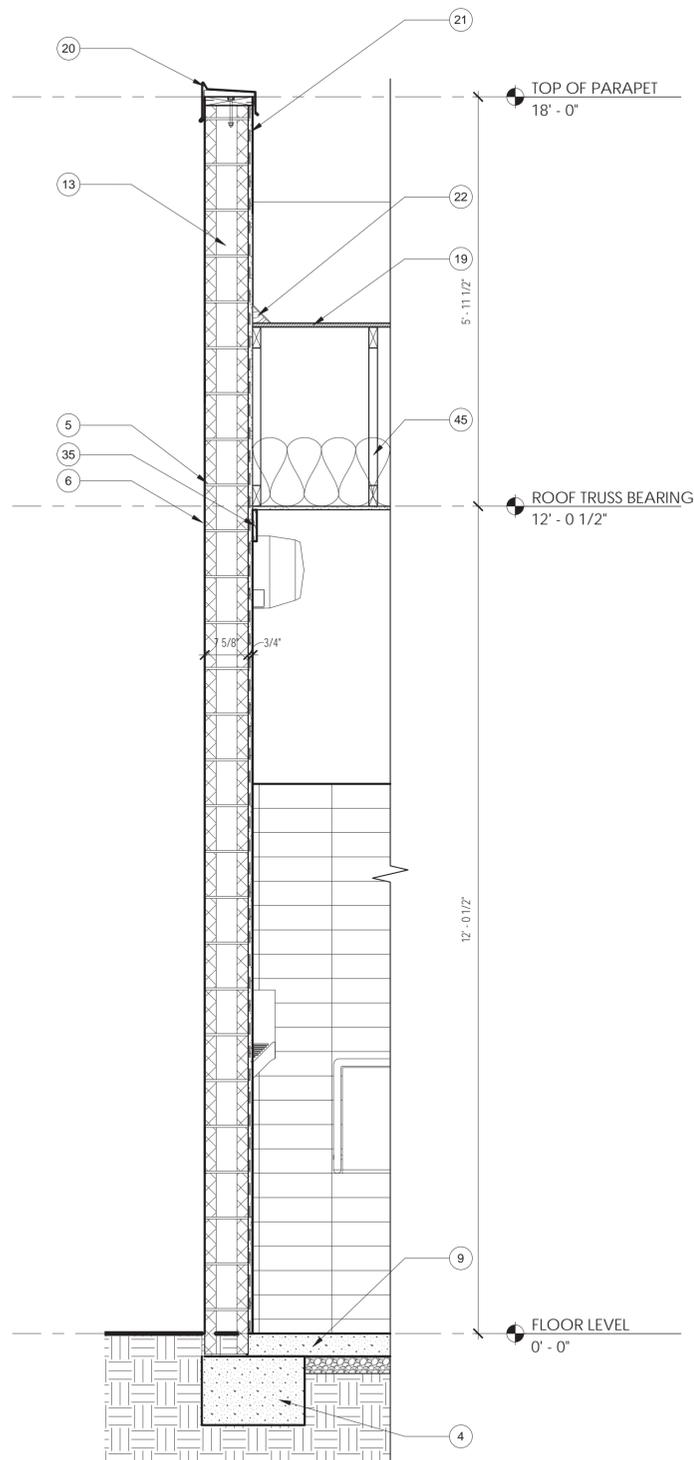
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WALL SECTIONS

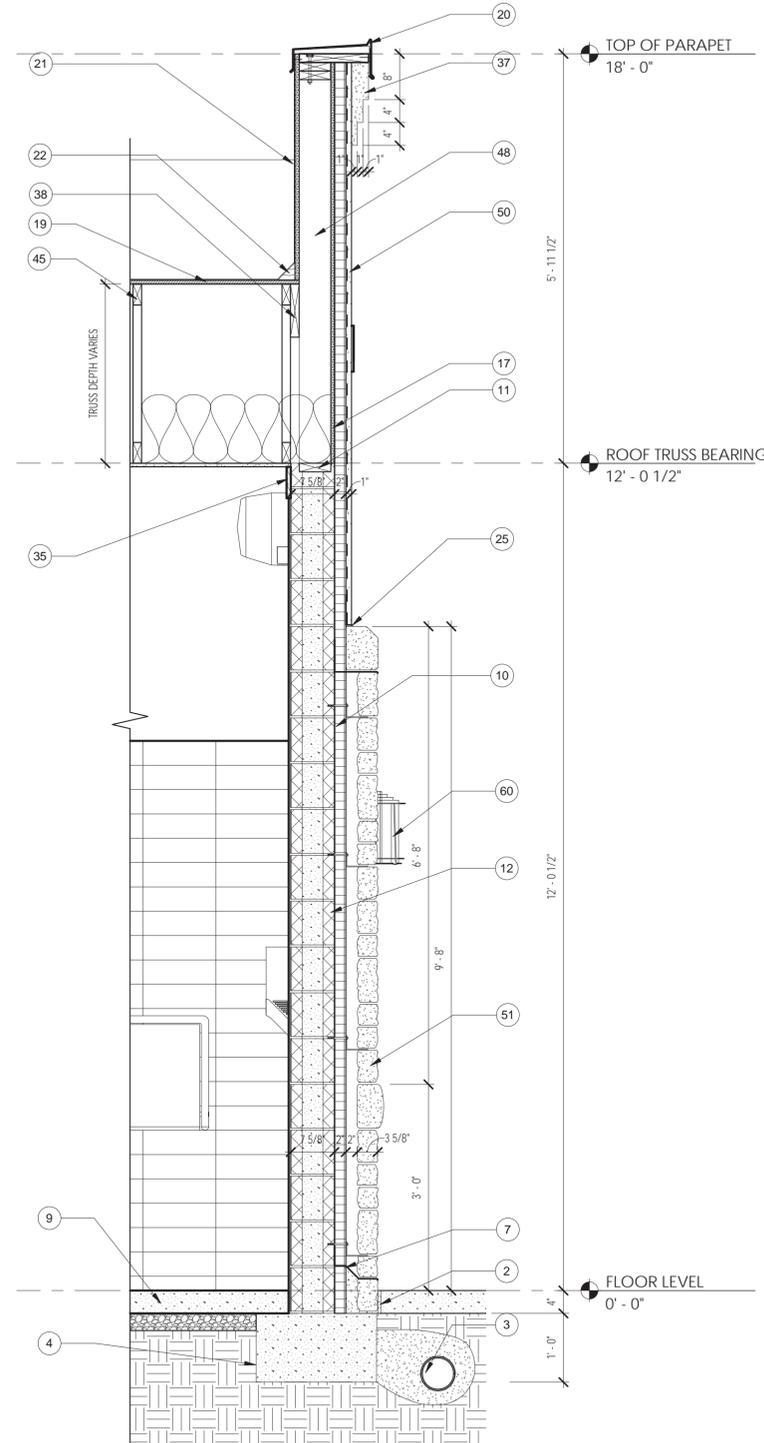
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WALL SECTION NOTES

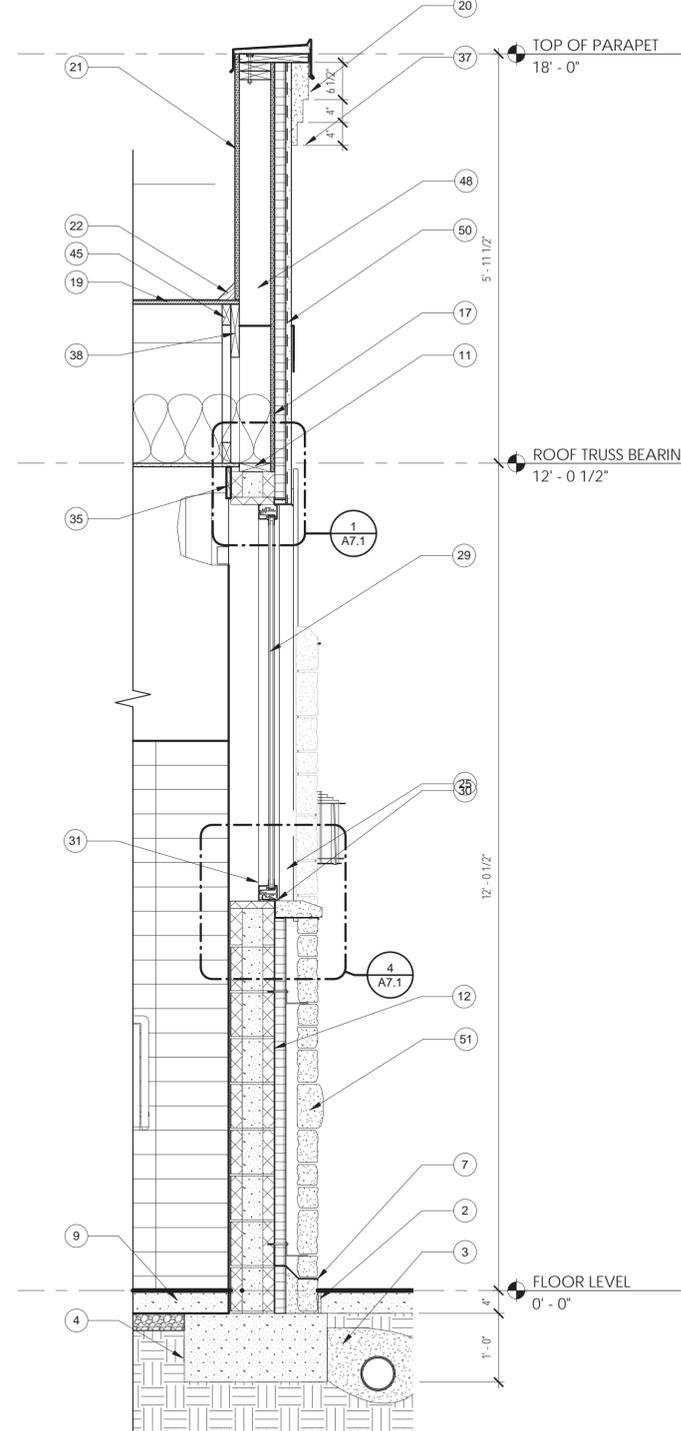
MARK	MATERIAL
2	NEOPRENE EXPANSION MATERIAL W/ EXT. SEALANT, 1/2" TYPICAL
3	FILTER FABRIC AROUND 18"x18" GRAVEL SURROUNDING 4" DIA. PERFORATED PIPE
4	REINF. CONCRETE FOOTING- SEE STRUCTURAL
5	FLUID APPLIED WATERPROOFING, LOCATION TO BE DETERMINED BASED ON BUILDING SEQUENCE
6	FULL HEIGHT BUILDING EXPANSION JOINT 3"
7	TYPICAL THRU-WALL FLASHING AT BASE OF STONE VENEER: WEEPS AT 24" O.C. HORIZ. OVER FLEXIBLE FLASHING. MORTAR NET CONTINUOUS OVER FLASHING. NO VENEER ANCHORS W/ 12" VERT. OF FLASHING. GROUT FILL SOLID & CONTINUOUS BELOW FLASHING.
9	TYPICAL CONCRETE SLAB ON GRADE. OVER CONCRETE VAPOR BARRIER ON 4" GRAVEL ON GRADE (COMPACTED AND TERMITE-TREATED), SEE STRUC.
10	FLUID APPLIED WATERPROOFING UNDER CONT. RIGID INSULATION W/ 2-PART ADJUSTABLE MASONRY TIES & NOM. 2" AIR GAP
11	P.T. WOOD TOP PLATE (TYPE & SIZE PER STRUC.) ANCHOR PER STRUC. SPECIFICATIONS
12	TYPICAL BEARING EXTERIOR WALL WITH STONE VENEER: 3/4" PORTLAND CEMENT STUCCO OR GYPSUM PLASTER SYSTEM ON INTERIOR SIDE OF WALL. 7 5/8" CONCRETE MASONRY BLOCK. FLUID APPLIED WATERPROOFING, R-7.6 CONT. RIGID INSULATION, 2" AIR GAP. STONE VENEER WITH GALVANIZED 2-PIECE ADJUSTABLE METAL VENEER ANCHORS AT 16" O.C. (BOTH HORIZONTAL AND VERTICAL)
13	BEARING WALL AT ADJACENT BUILDING (3HR RATED, UL263): 3/4" PORTLAND CEMENT STUCCO OR GYPSUM PLASTER SYSTEM ON INTERIOR SIDE OF WALL. 7 5/8" CONCRETE MASONRY BLOCK.
17	EXTERIOR BEARING WALL WITH EIFS: 3/4" PORTLAND CEMENT STUCCO OR GYPSUM PLASTER SYSTEM ON INTERIOR SIDE OF WALL. 7 5/8" CONCRETE MASONRY BLOCK INTERNAL. FLUID APPLIED WATERPROOFING, R-7.6 CONT. RIGID INSULATION, WITH EIFS SYSTEM ON EXTERIOR SIDE.
19	TYPICAL LOW-SLOPE ROOF/CEILING ASSEMBLY (UL P522): 60 MIL FULLY ADHERED THERMOPLASTIC POLYOLEFIN (TPO) ROOFING SYSTEM OVER PLYWOOD ROOF DECK (TYPE & SIZE PER STRUC.) ON TOP SIDE OF WOOD ROOF TRUSSES. ONE LAYER OF 5/8" WATER RESISTANT GYPSUM BOARD ON BOTTOM SIDE OF WOOD TRUSSES. PROVIDE R-38 BATT INSULATION ATTACHED TO UNDERSIDE OF TRUSSES WITH RESILENT CHANNELS.
20	MFR. 3-PIECE FACTORY COATED FLUOROPOLYMER GALV STEEL COPING W/ MIN. 6" VERT. EXPOSED FACE. OVER TPO ROOFING MEMBRANE ON P.T. WOOD TOP PLATE. SECURE FRONT AND REAR CONT. W/ HOLD-DOWN CLIPS
21	TPO ROOFING MEMBRANE WRAPPED UP AND OVER PARAPET TOP PLATE
22	RIGID INSULATION CANT STRIP
25	WEEP SCREED OVER BRAKE METAL THRU-WALL FLASHING
29	MFR. FIXED ALUMINUM WINDOW UNIT WITH FLANGE & OPAQUE GLASS (SEE ELEVATIONS & WINDOW SCHEDULE)
30	MANUFACTURER WINDOW SILL PAN UNDER WINDOW UNIT
31	SELF-ADHESIVE WINDOW FLASHING W/END DAMS LAPPED OVER SILL PAN & WATER RESISTANT MEMBRANE
35	1X6 FLAT FIBER CEMENT TRIM- PAINT
37	FINE TEXTURE ADHESIVE DRAINABLE EIFS CORNICE
38	WOOD NAILER, AS SHOWN
45	MFR. GANG-NAIL OPEN WEB ROOF TRUSS W/ SLOPED TOP CHORD AT 24" O.C. (SEE STRUC.)
48	2X6 PARAPET WALL FRAMING AT 16" O.C., WITH PLYWOOD SHEATHING ON EXTERIOR OF WALL (SEE STRUC.)
50	FINE TEXTURE ADHESIVE DRAINABLE EIFS SYSTEM TO MATCH ADJACENT RETAIL BUILDING, COLOR MATCH DOVER SKY #104
51	MFR. STONE VENEER IN ASHLAR PATTERN (ROCKCAST CHISELED TUMBLED FACE, COLOR STONE CREEK) TO MATCH ADJACENT RETAIL BUILDING
60	WALL SCONCE FIXTURE, SCOTT ARCH. LIGHTING #59310



1 WALL SECTION AT LEFT WALL
A5.0 SCALE: 3/4" = 1'-0"



2 WALL SECTION AT RIGHT WALL
A5.0 SCALE: 3/4" = 1'-0"



3 WALL SECTION AT SIDE WINDOW
A5.0 SCALE: 3/4" = 1'-0"

seal



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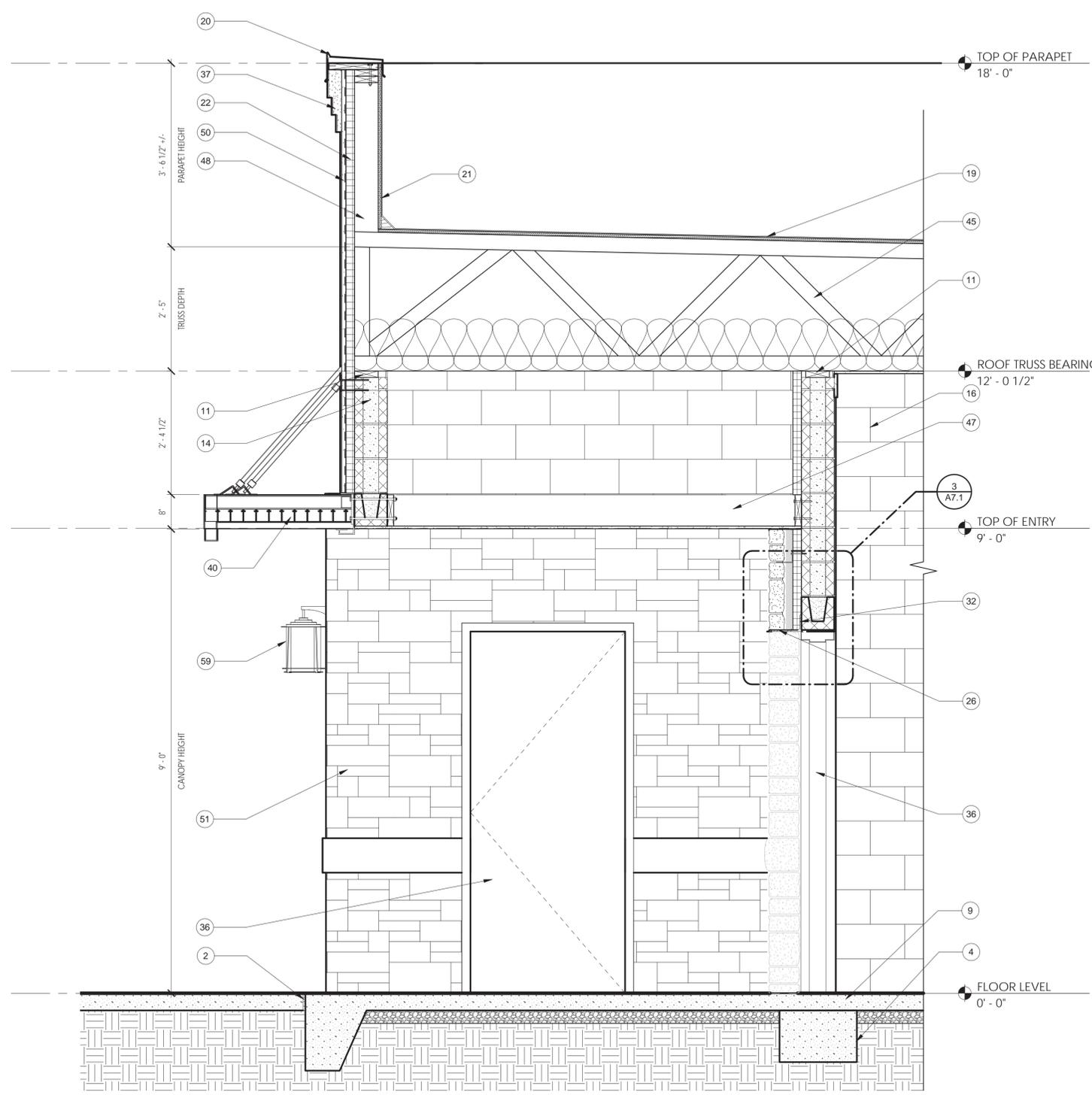
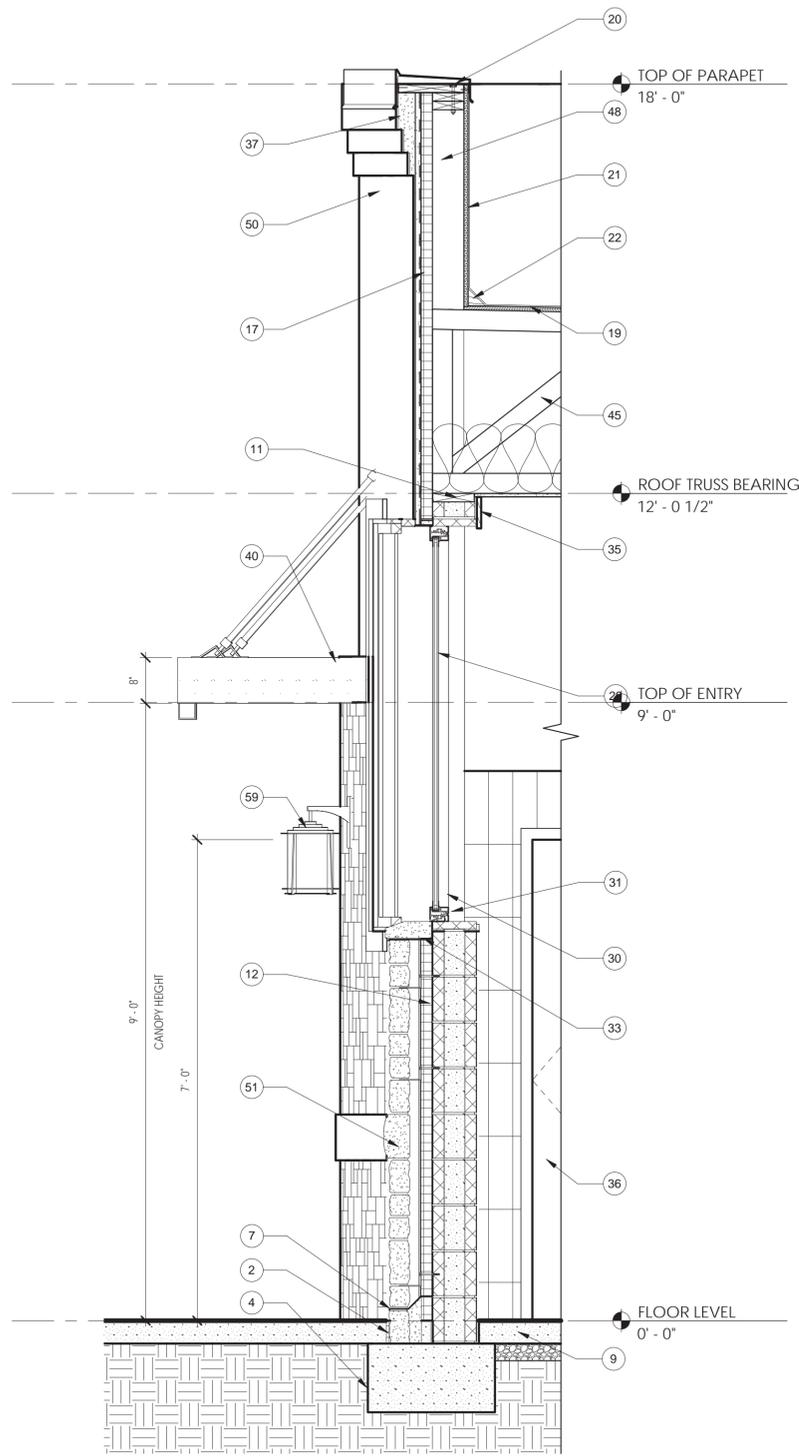
drawing date
JUNE 14, 2018

sheet title
WALL SECTIONS

sheet number

WALL SECTION NOTES

MARK	MATERIAL
2	NEOPRENE EXPANSION MATERIAL W/ EXT. SEALANT, 1/2" TYPICAL
4	REINF. CONCRETE FOOTING- SEE STRUCTURAL
7	TYPICAL THRU-WALL FLASHING AT BASE OF STONE VENEER. WEEPS AT 24" O.C. HORIZ. OVER FLEXIBLE FLASHING. MORTAR NET CONTINUOUS OVER FLASHING. NO VENEER ANCHORS W/ 12" VERT. OF FLASHING. GROUT FILL SOLID & CONTINUOUS BELOW FLASHING.
9	TYPICAL CONCRETE SLAB ON GRADE: OVER CONCRETE VAPOR BARRIER ON 4" GRAVEL ON GRADE (COMPACTED AND TERMITE-TREATED). SEE STRUC.
11	P.T. WOOD TOP PLATE (TYPE & SIZE PER STRUC.) ANCHOR PER STRUC. SPECIFICATIONS
12	TYPICAL BEARING EXTERIOR WALL WITH STONE VENEER: 3/4" PORTLAND CEMENT STUCCO OR GYPSUM PLASTER SYSTEM ON INTERIOR SIDE OF WALL. 7 5/8" CONCRETE MASONRY BLOCK. FLUID APPLIED WATERPROOFING, R-7.6 CONT. RIDGID INSULATION, 2" AIR GAP. STONE VENEER WITH GALVANIZED 2-PIECE ADJUSTABLE METAL VENEER ANCHORS AT 16" O.C. (BOTH HORIZONTAL AND VERTICAL)
14	3-HOUR EXTERIOR BEARING WALL WITH STONE VENEER (3HR RATED, UL263): 3/4" PORTLAND CEMENT STUCCO OR GYPSUM PLASTER SYSTEM ON INTERIOR SIDE OF WALL. 7 5/8" CONCRETE MASONRY BLOCK INTERNAL VAPOR BARRIER PER STRUC. 2" (R-13) CONT. RIDGID INSULATION, 2" AIR GAP. WITH STONE VENEER WITH GALVANIZED METAL ADJUSTABLE VENEER ANCHORS AT 16" O.C. (BOTH HORIZONTAL AND VERTICAL)
16	TYPICAL NON-LOAD BEARING INTERIOR WALL: 5 5/8" CONCRETE MASONRY BLOCK.
17	EXTERIOR BEARING WALL WITH EIFS: 3/4" PORTLAND CEMENT STUCCO OR GYPSUM PLASTER SYSTEM ON INTERIOR SIDE OF WALL. 7 5/8" CONCRETE MASONRY BLOCK INTERNAL VAPOR BARRIER PER STRUC. 2" (R-13) CONT. RIDGID INSULATION, WITH EIFS SYSTEM ON EXTERIOR SIDE.
19	TYPICAL LOW-SLOPE ROOF/CEILING ASSEMBLY (UL P522): 60 MIL FULLY ADHERED THERMOPLASTIC POLYOLEFIN (TPO) ROOFING SYSTEM OVER PLYWOOD ROOF DECK (TYPE & SIZE PER STRUC.) ON TOP SIDE OF WOOD ROOF TRUSSES. ONE LAYER OF 5/8" WATER RESISTANT GYPSUM BOARD ON BOTTOM SIDE OF WOOD TRUSSES. PROVIDE R-38 BATT INSULATION ATTACHED TO UNDERSIDE OF TRUSSES WITH RESILIENT CHANNELS.
20	MFR. 3-PIECE FACTORY COATED FLUOROPOLYMER GALV STEEL COPING W/ MIN. 6" VERT. EXPOSED FACE. OVER TPO ROOFING MEMBRANE ON P.T. WOOD TOP PLATE. SECURE FRONT AND REAR CONT. W/ HOLD-DOWN CLIPS
21	TPO ROOFING MEMBRANE WRAPPED UP AND OVER PARAPET TOP PLATE
22	RIGID INSULATION CANT STRIP
26	THRU-WALL FLASHING ON STEEL LENTEL, MORTAR NET CONT. OVER FLASHING.
29	MFR. FIXED ALUMINUM WINDOW UNIT WITH FLANGE & OPAQUE GLASS (SEE ELEVATIONS & WINDOW SCHEDULE)
30	MANUFACTURER WINDOW SILL PAN UNDER WINDOW UNIT
31	SELF-ADHESIVE WINDOW FLASHING W/ END DAMS LAPPED OVER SILL PAN & WATER RESISTANT MEMBRANE
32	LOOSE STEEL LENTEL, SHOP PRIMED & FIELD PAINTED. SEE STRUC.
33	BRAKE METAL THROUGH WALL FLASHING LAPPED UNDER SILL PAN
35	1X6 FLAT FIBER CEMENT TRIM- PAINT
36	SCHEDULED DOOR (SEE FLOOR PLANS & DOOR SCHEDULE)
37	FINE TEXTURE ADHESIVE DRAINABLE EIFS CORNICE
40	MFR. FLUOROPOLYMER COATED ALUMINUM CANOPY W/ TIE RODS- BASIS OF DESIGN SUPER LUMIDECK HANGER ROD CANOPY
45	MFR. GANG-NAIL OPEN WEB ROOF TRUSS W/ SLOPED TOP CHORD AT 24" O.C. (SEE STRUC.)
47	2X8 PRESSURE TREATED CEILING JOIST W/ EXT. COMPOSITE T&G 1X6 CEILING. SEE STRUC.
48	2X6 PARAPET WALL FRAMING AT 16" O.C., WITH PLYWOOD SHEATHING ON EXTERIOR OF WALL (SEE STRUC.)
50	FINE TEXTURE ADHESIVE DRAINABLE EIFS SYSTEM TO MATCH ADJACENT RETAIL BUILDING, COLOR MATCH DOVER SKY #104
51	MFR. STONE VENEER IN ASHLAR PATTERN (ROCKCAST CHISELED TUMBLED FACE, COLOR STONE CREEK) TO MATCH ADJACENT RETAIL BUILDING
59	WALL CARRIAGE FIXTURE, SCOTT ARCH. LIGHTING #59305



1 WALL SECTION AT FRONT WINDOW

A5.1 SCALE: 3/4" = 1'-0"

2 WALL SECTION AT ENTRANCE

A5.1 SCALE: 3/4" = 1'-0"

seal



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project title
**PEACHTREE CORNERS
TOWN GREEN RESTROOM
& PAVILIONS**

for
**CITY OF PEACHTREE
CORNERS**
310 TECHNOLOGY PARKWAY
PEACHTREE CORNERS, GA 30092

drawing information
project number: 16102
contact: Adam Williamson
drawn by: JTC
checked by: HLH

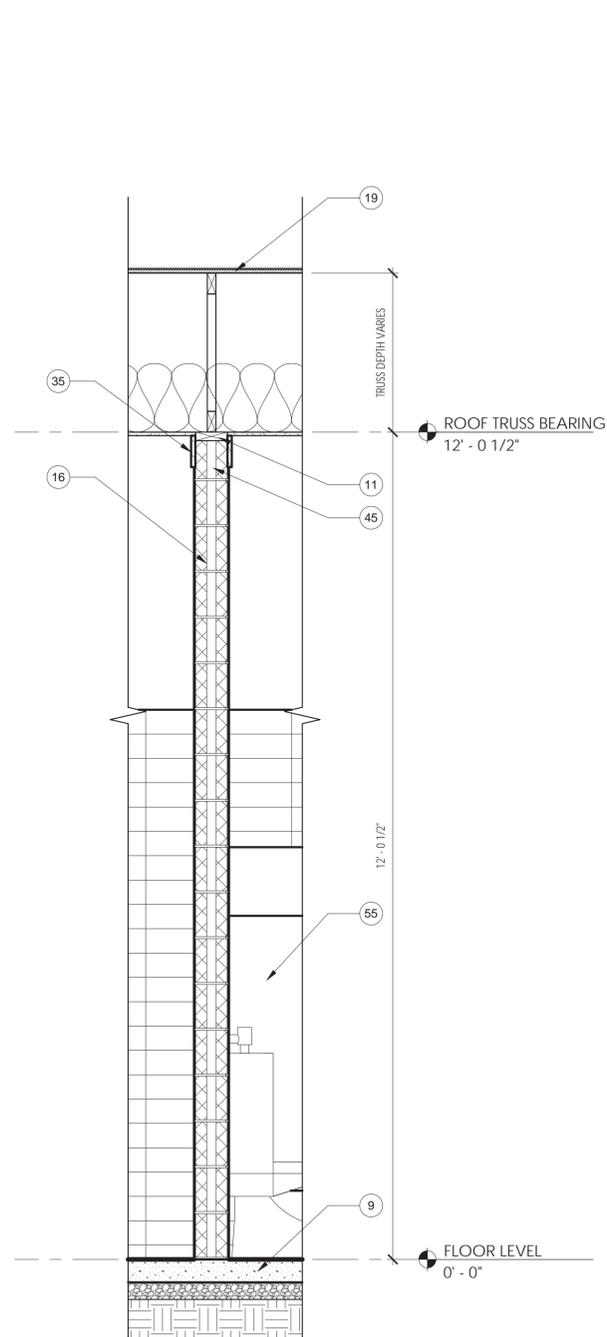
drawing date
JUNE 14, 2018

sheet title
WALL SECTIONS

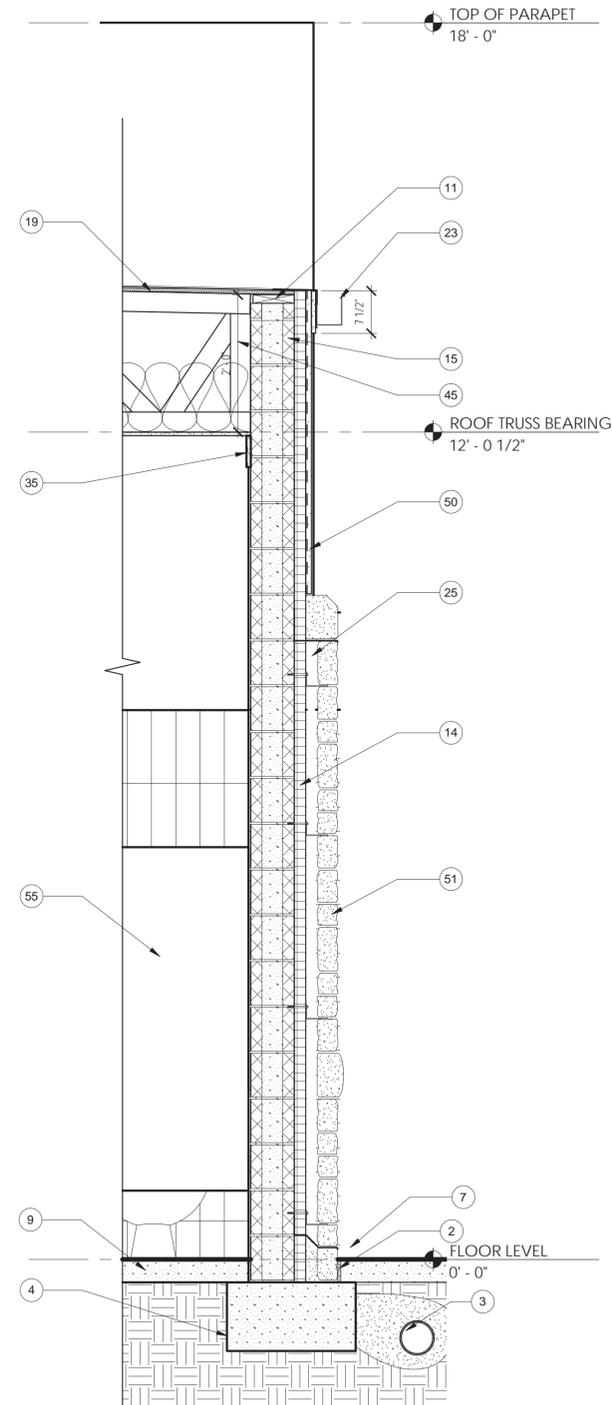
sheet number

WALL SECTION NOTES

MARK	MATERIAL
2	NEOPRENE EXPANSION MATERIAL W/ EXT. SEALANT, 1/2" TYPICAL
3	FILTER FABRIC AROUND 18"X18" GRAVEL SURROUNDING 4" DIA. PERFORATED PIPE.
4	REINF. CONCRETE FOOTING- SEE STRUCTURAL
7	TYPICAL THRU-WALL FLASHING AT BASE OF STONE VENEER. WEEPS AT 24" O.C. HORIZ. OVER FLEXIBLE FLASHINGS. MORTAR NET CONTINUOUS OVER FLASHING. NO VENEER ANCHORS W/ 12" VERT. OF FLASHING. GROUT FILL SOLID & CONTINUOUS BELOW FLASHING.
9	TYPICAL CONCRETE SLAB ON GRADE: OVER CONCRETE VAPOR BARRIER ON 4" GRAVEL ON GRADE (COMPACTED AND TERMITTE-TREATED), SEE STRUC.
11	P.T. WOOD TOP PLATE (TYPE & SIZE PER STRUC.) ANCHOR PER STRUC. SPECIFICATIONS.
14	3-HOUR EXTERIOR BEARING WALL WITH STONE VENEER (3HR RATED, UL263); 3/4" PORTLAND CEMENT STUCCO OR GYPSUM PLASTER SYSTEM ON INTERIOR SIDE OF WALL. 7 5/8" CONCRETE MASONRY BLOCK INTERNAL. VAPOR BARRIER PER STRUC., 2" (R-13) CONT. RIDGID INSULATION, 2" AIR GAP, WITH STONE VENEER WITH GALVANIZED METAL ADJUSTABLE VENEER ANCHORS AT 16" O.C. (BOTH HORIZONTAL AND VERTICAL)
15	3-HOUR TYPICAL BEARING EXTERIOR WALL WITH EIFS (3HR RATED, UL263); 3/4" PORTLAND CEMENT STUCCO OR GYPSUM PLASTER SYSTEM ON INTERIOR SIDE OF WALL. 7 5/8" CONCRETE MASONRY BLOCK INTERNAL. FLUID APPLIED WATERPROOFING, R-7.6 CONT. RIDGID INSULATION, WITH EIFS SYSTEM ON EXTERIOR SIDE.
16	TYPICAL NON-LOAD BEARING INTERIOR WALL: 5 5/8" CONCRETE MASONRY BLOCK.
19	TYPICAL LOW-SLOPE ROOF/CEILING ASSEMBLY (UL P522): 60 MIL FULLY ADHERED THERMOPLASTIC POLYOLEFIN (TPO) ROOFING SYSTEM OVER PLYWOOD ROOF DECK (TYPE & SIZE PER STRUC.) ON TOP SIDE OF WOOD ROOF TRUSSES, ONE LAYER OF 5/8" WATER RESISTANT GYPSUM BOARD ON BOTTOM SIDE OF WOOD TRUSSES. PROVIDE R-38 BATT INSULATION ATTACHED TO UNDERSIDE OF TRUSSES WITH RESILIENT CHANNELS.
23	MFR. COATED FLUOROPOLYMER GALV STEEL DRIP EDGE INCORPORATED INTO TOP ROOFING SYSTEM W/ FLUOROPOLYMER COATED SQ. 6" ALUMINUM GUTTER W/ 4" ROUND DOWNSPOUTS
25	WEEP SCREED OVER BRAKE METAL THRU-WALL FLASHING
35	1X6 FLAT FIBER CEMENT TRIM- PAINT
45	MFR. GANG-NAIL OPEN WEB ROOF TRUSS W/ SLOPED TOP CHORD AT 24" O.C. (SEE STRUC.)
50	FINE TEXTURE ADHESIVE DRAINABLE EIFS SYSTEM TO MATCH ADJACENT RETAIL BUILDING, COLOR MATCH DOVER SKY #104
51	MFR. STONE VENEER IN ASHLAR PATTERN (ROCKCAST CHISELED TUMBLED FACE, COLOR STONE CREEK) TO MATCH ADJACENT RETAIL BUILDING
55	STAINLESS STEEL TOILET PARTITION



1 WALL SECTION AT INTERIOR WALL
A5.2 SCALE: 3/4" = 1'-0"



2 WALL SECTION AT ROOF GUTTER
A5.2 SCALE: 3/4" = 1'-0"

BATHROOM ACCESSORIES SCHEDULE

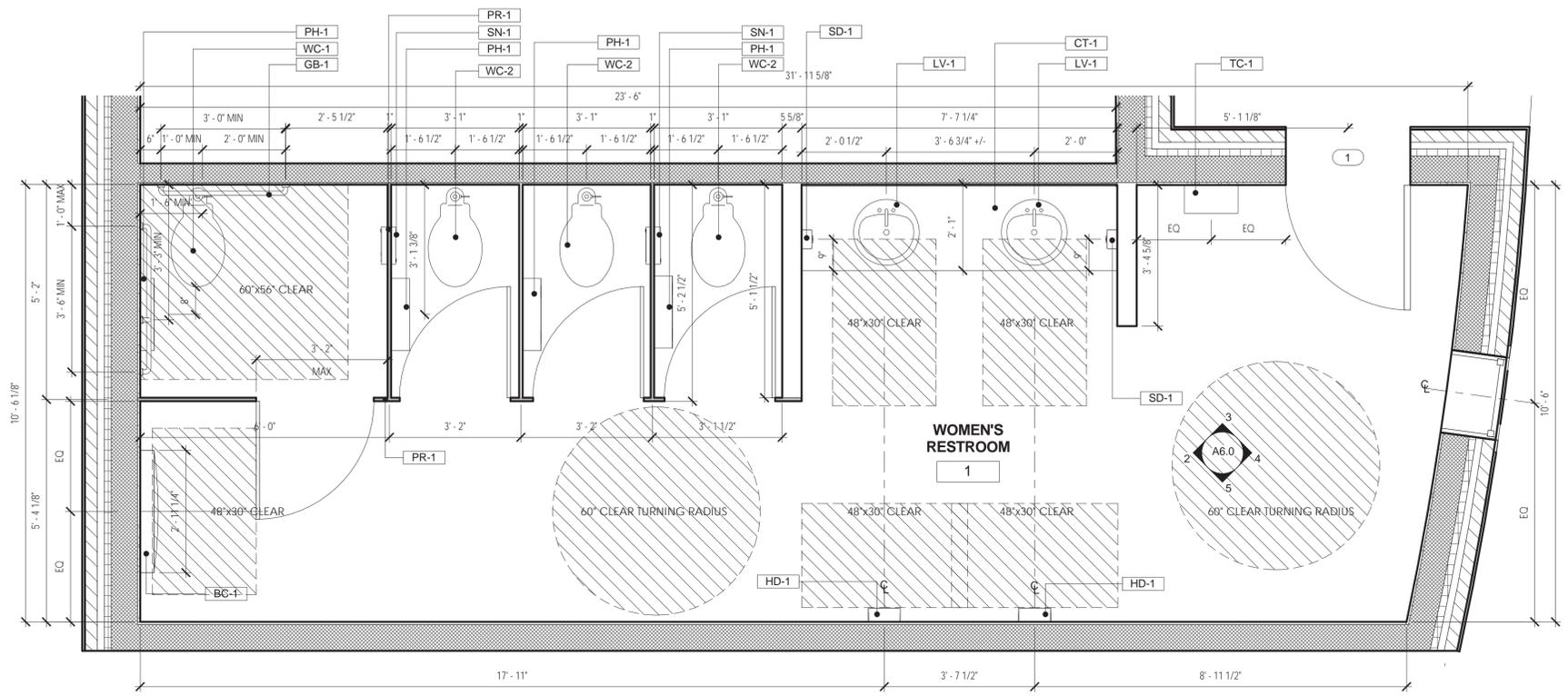
Bobrick - Surface mounted waste receptacle - B-275
 Bobrick - Partition mounted sanitary napkin disposal - B-354
 Bobrick - Vandal resistant clothes hook - B-983
 Bobrick - Automatic wall mounted soap dispenser - B-2890
 Bobrick - Surface mounted single jumbo roll toilet tissue dispenser - B-2890
 Bobrick - 36" x 84" Mirror with Stainless steel angle frame - B-2900
 Bobrick - 36" x 1 1/4" Diameter stainless steel grab bars with snap flange - B-5806x36
 Bobrick - 42" x 1 1/4" Diameter stainless steel grab bars with snap flange - B-5806x42
 Dyson - Airblade V Sprayed nickel - HU02 Sprayed Nickel
 Centerline Bracket - 20" x 14" x 3/8" Countertop Support Bracket, Soft silver
 Solid Surface Countertop - DuPont Corian - Hickory Smoke

TILE FINISH SCHEDULE

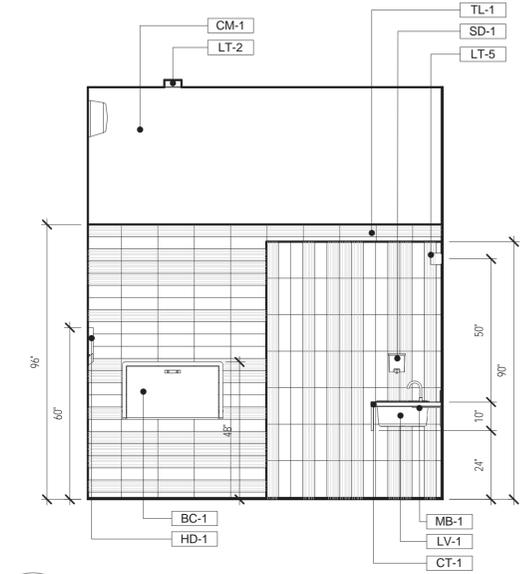
TILE	MANUFACTURER	MODEL	FINISH
	INTERCERAMIC	STRUCTURA CERAMIC	IVOIRE HAMMERED
	INTERCERAMIC	STRUCTURA CERAMIC	IVOIRE STRIPED
	INTERCERAMIC	STRUCTURA CERAMIC	BRUNE HAMMERED
	INTERCERAMIC	STRUCTURA CERAMIC	BRUNE STRIPED

INTERIOR FINISH NOTES

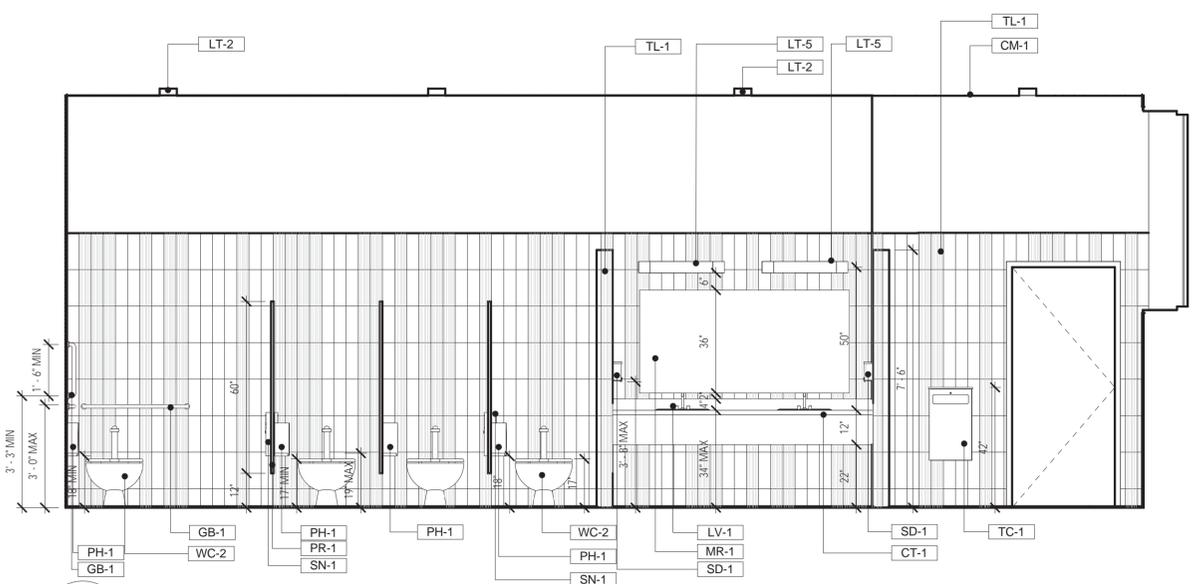
MARK	MATERIAL
BC-1	ADA COMPLIANT VANDAL RESISTANT BABY CHANGING STATION
CM-1	GYPSUM PLASTER OVER CONCRETE MASONRY UNITS, PAINTED
CT-1	SOLID SURFACE COUNTERTOP
GB-1	1 1/4" PEEMED STAINLESS STEEL ADA 3 PIECE GRAB BAR SET
GP-1	GYPSUM WALL BOARD
HD-1	DYSON AIR BLADE V STAINLESS STEEL AUTOMATIC HAND DRYER OR EQUAL
LT-2	LED FLUSH CEILING MOUNTED FIXTURE
LT-5	LED WALL MOUNTED VANITY FIXTURE
LV-1	ADA COMPLIANT SENSOR ACTIVATED RIMMED LAVATORY
MB-1	METAL COUNTERTOP SUPPORT BRACKET
MR-1	VANDAL RESISTANT MIRROR
PH-1	VANDAL RESISTANT TOILET PAPER HOLDER TYPE TO BE CONFIRMED WITH THE CITY
PR-1	STAINLESS STEEL TOILET PARTITION, W/ COAT HOOK ON INSIDE OF DOOR
SD-1	VANDAL RESISTANT AUTOMATIC SOAP DISPENSER
SN-1	SANITARY NAPKIN DISPENSER
TC-1	ADA COMPLIANT STAINLESS STEEL WALL MOUNTED HIGH CAPACITY TRASH RECEPTACLE
TL-1	WALL TILE. SEE FINISH SCHEDULE & INTERIOR ELEVATIONS FOR PATTERN
WC-1	ADA COMPLIANT SENSOR ACTIVATED WATER CLOSET
WC-2	STANDARD SENSOR ACTIVATED WATER CLOSET



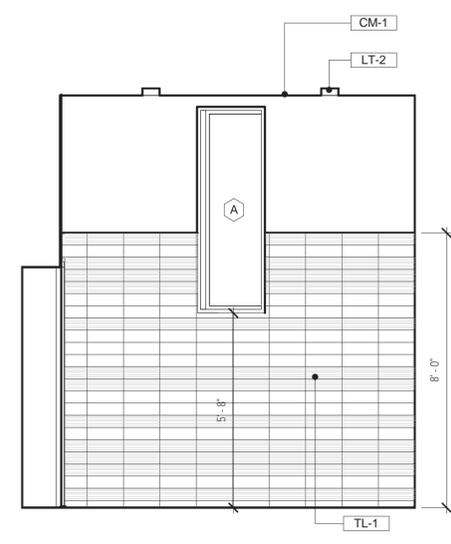
1 ENLARGED RESTROOM PLAN - WOMEN'S
 A6.0 SCALE: 1/2" = 1'-0"



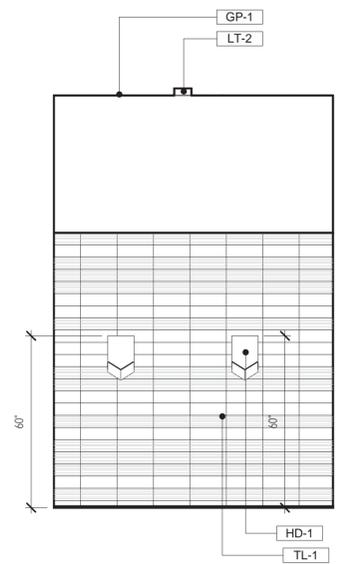
2 WOMEN'S RESTROOM ELEV. A
 A6.0 SCALE: 3/8" = 1'-0"



3 WOMEN'S RESTROOM ELEV. B
 A6.0 SCALE: 3/8" = 1'-0"



4 WOMEN'S RESTROOM ELEV. C
 A6.0 SCALE: 3/8" = 1'-0"



5 WOMEN'S RESTROOM ELEV. D
 A6.0 SCALE: 3/8" = 1'-0"



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project title
**PEACHTREE CORNERS
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 & PAVILIONS**

for
**CITY OF PEACHTREE
 CORNERS**
 310 TECHNOLOGY PARKWAY
 PEACHTREE CORNERS, GA 30092

drawing information
 project number: 16102
 contact: Adam Williamson
 drawn by: JTC
 checked by: HLH

drawing date
JUNE 14, 2018
 sheet title
**WOMEN'S ENLARGED
 PLAN & INTERIOR ELEV.**
 sheet number

RELEASED FOR CONSTRUCTION

A6.0

BATHROOM ACCESSORIES SCHEDULE

Bobrick - Surface mounted waste receptacle - B-275
Bobrick - Partition mounted sanitary napkin disposal - B-354
Bobrick - Vandal resistant clothes hook - B-983
Bobrick - Automatic wall mounted soap dispenser - B-2012
Bobrick - Surface mounted single jumbo roll toilet tissue dispenser - B-2890
Bobrick - 36" x 84" Mirror with Stainless steel angle frame - B-2900
Bobrick - 36" x 1 1/4" Diameter stainless steel grab bars with snap flange - B-5806x36
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Dyson - Airblade V Sprayed nickel - HU02 Sprayed Nickel
Centerline Bracket - 20" x 14" x 3/8" Countertop Support Bracket, Soft silver
Solid Surface Countertop - DuPont Corian - Hickory Smoke

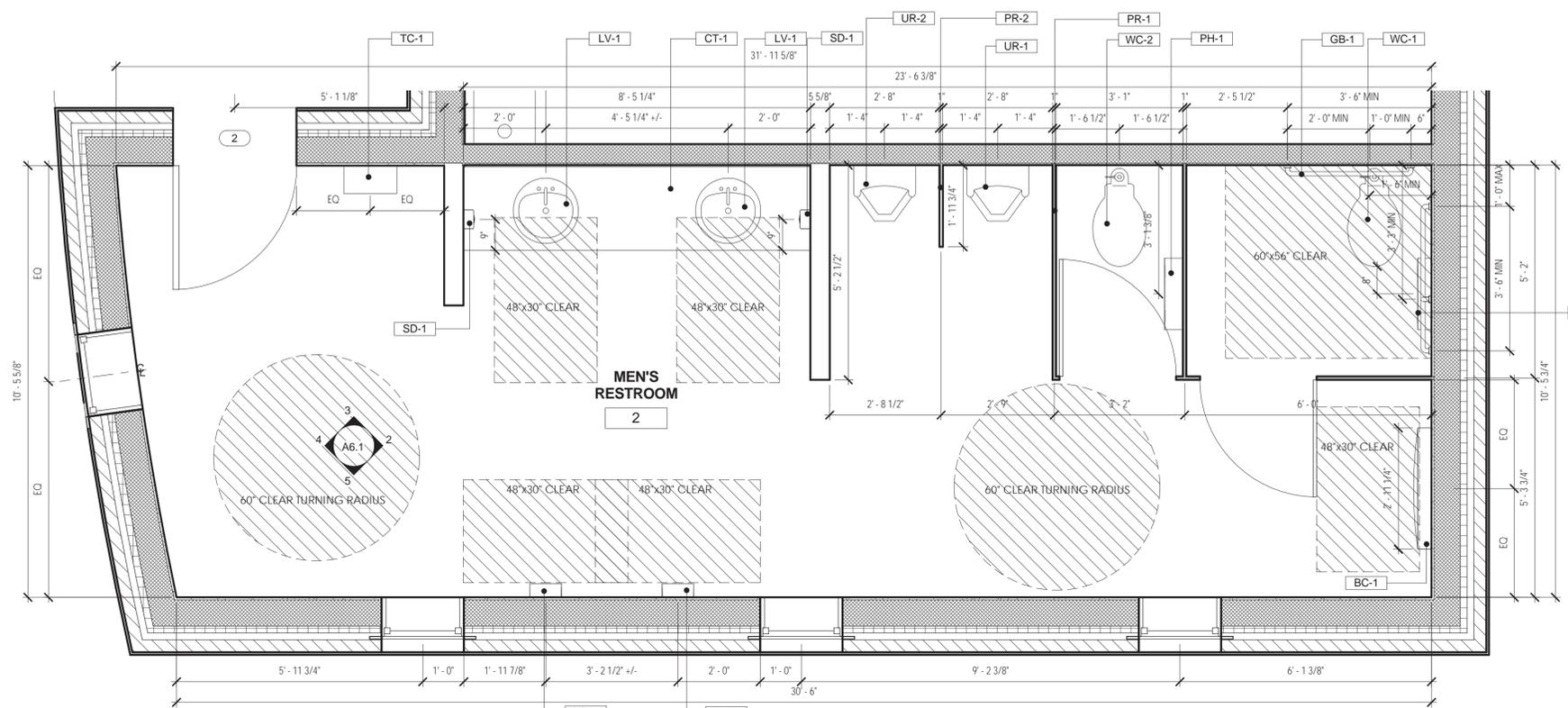
TILE FINISH SCHEDULE

TILE	MANUFACTURER	MODEL	FINISH
	INTERCERAMIC	STRUCTURA CERAMIC	IVOIRE HAMMERED
	INTERCERAMIC	STRUCTURA CERAMIC	IVOIRE STRIPED
	INTERCERAMIC	STRUCTURA CERAMIC	BRUNE HAMMERED
	INTERCERAMIC	STRUCTURA CERAMIC	BRUNE STRIPED

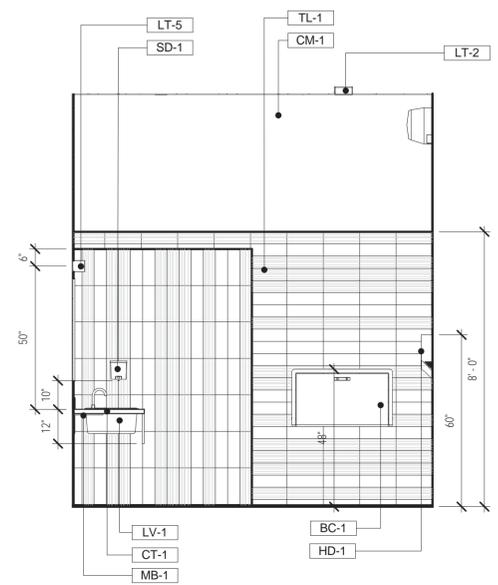
INTERIOR FINISH NOTES

MARK	MATERIAL
BC-1	ADA COMPLIANT VANDAL RESISTANT BABY CHANGING STATION
CM-1	GYPSUM PLASTER OVER CONCRETE MASONRY UNITS, PAINTED
CT-1	SOLID SURFACE COUNTERTOP
GB-1	1 1/4" PEENED STAINLESS STEEL ADA 3 PIECE GRAB BAR SET
HD-1	DYSON AIR BLADE V STAINLESS STEEL AUTOMATIC HAND DRYER OR EQUAL
LT-2	LED FLUSH CEILING MOUNTED FIXTURE
LT-5	LED WALL MOUNTED VANITY FIXTURE
LV-1	ADA COMPLIANT SENSOR ACTIVATED RIMMED LAVATORY
MB-1	METAL COUNTERTOP SUPPORT BRACKET
MR-1	VANDAL RESISTANT MIRROR
PH-1	VANDAL RESISTANT TOILET PAPER HOLDER TYPE TO BE CONFIRMED WITH THE CITY
PR-1	STAINLESS STEEL TOILET PARTITION, W/ COAT HOOK ON INSIDE OF DOOR
PR-2	STAINLESS STEEL URINAL PARTION
SD-1	VANDAL RESISTANT AUTOMATIC SOAP DISPENSER
TC-1	ADA COMPLIANT STAINLESS STEEL WALL MOUNTED HIGH CAPACITY TRASH RECEPTACLE
TL-1	WALL TILE, SEE FINISH SCHEDULE & INTERIOR ELEVATIONS FOR PATTERN
UR-1	STANDARD SENSOR ACTIVATED URINAL
UR-2	ADA SENSOR ACTIVATED COMPLIANT URINAL
WC-1	ADA COMPLIANT SENSOR ACTIVATED WATER CLOSET
WC-2	STANDARD SENSOR ACTIVATED WATER CLOSET

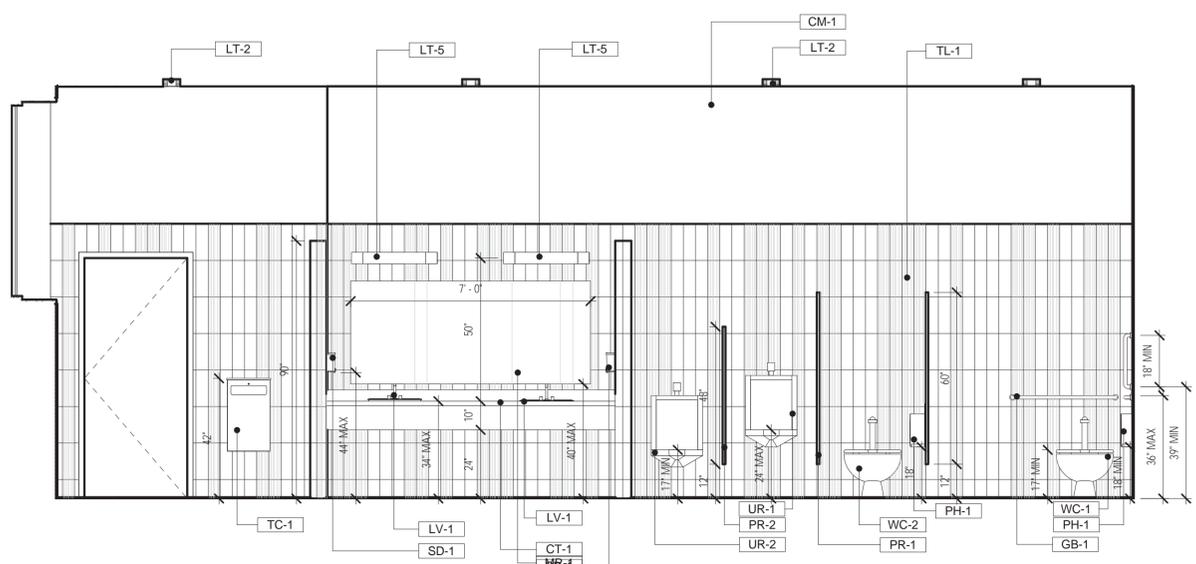
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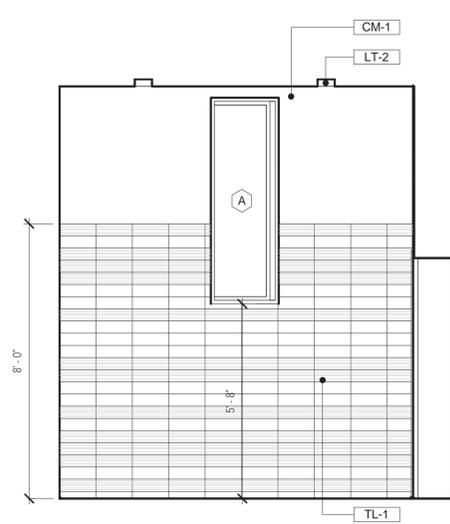
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 A6.1 SCALE: 1/2" = 1'-0"



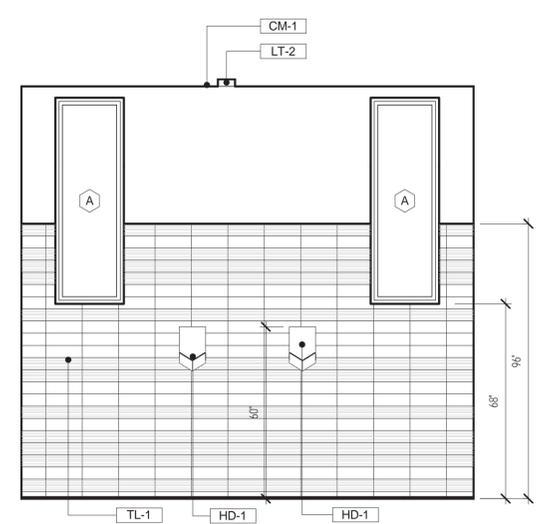
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 A6.1 SCALE: 3/8" = 1'-0"



3 MEN'S RESTROOM ELEV. B
 A6.1 SCALE: 3/8" = 1'-0"



4 MEN'S RESTROOM ELEV. C
 A6.1 SCALE: 3/8" = 1'-0"



5 MEN'S RESTROOM ELEV. D
 A6.1 SCALE: 3/8" = 1'-0"

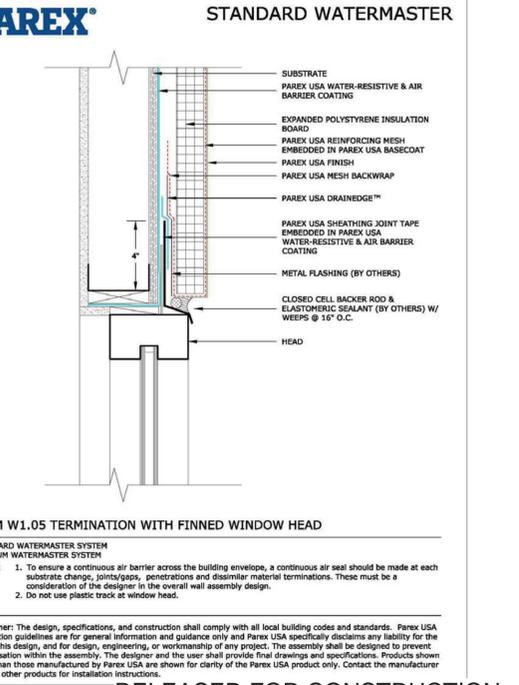
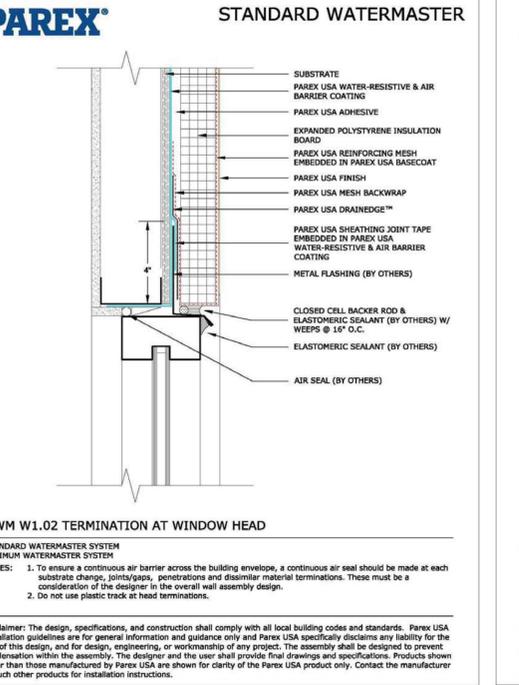
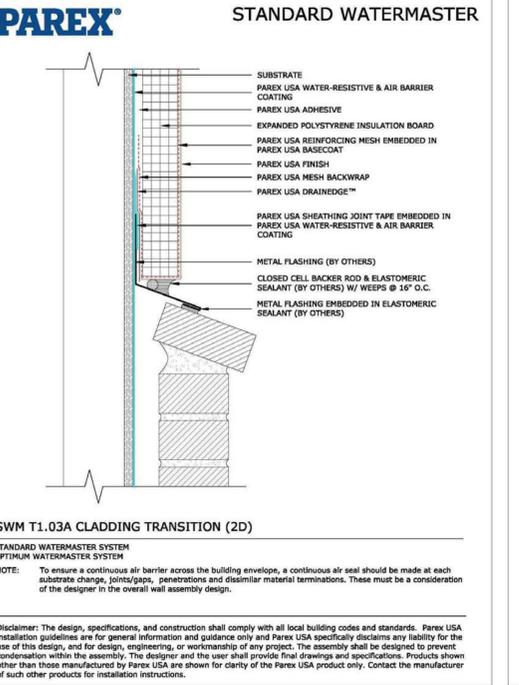
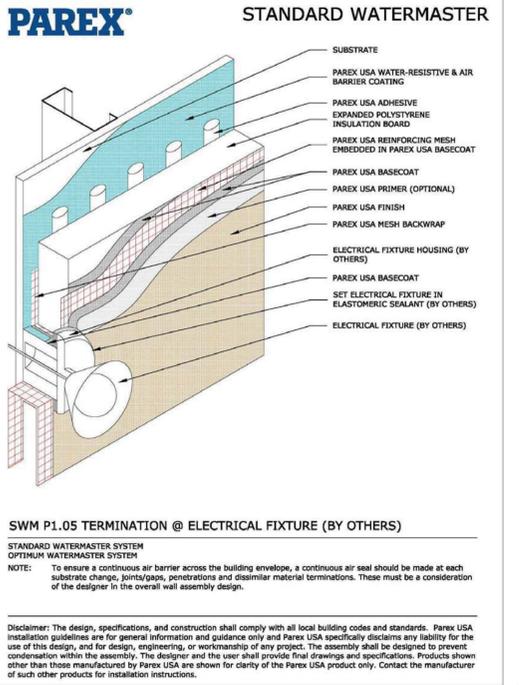
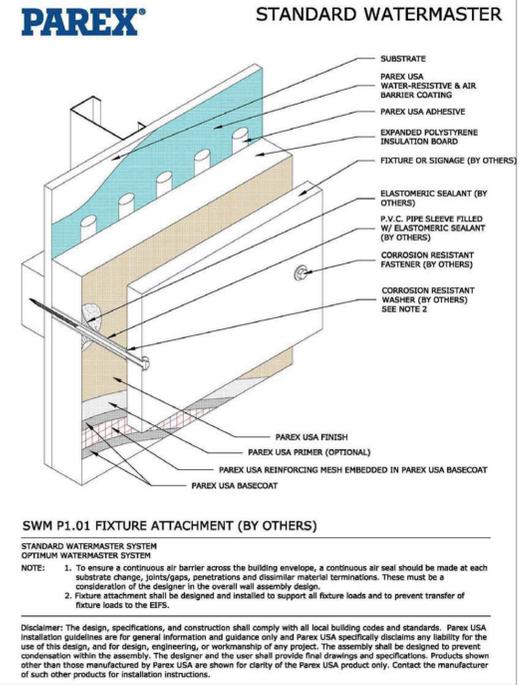
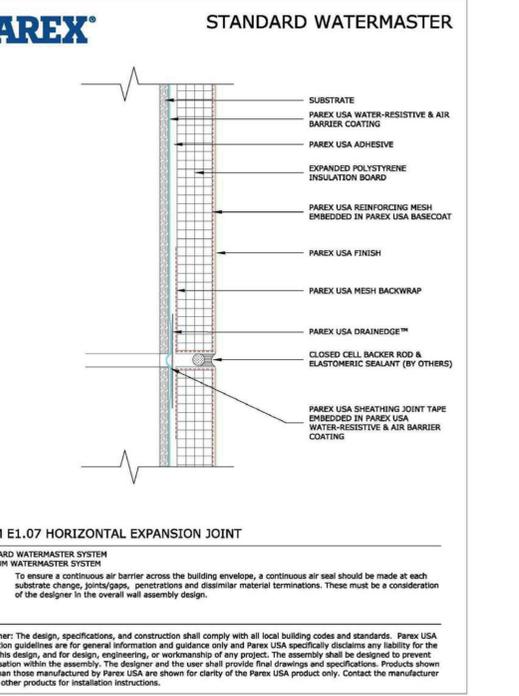
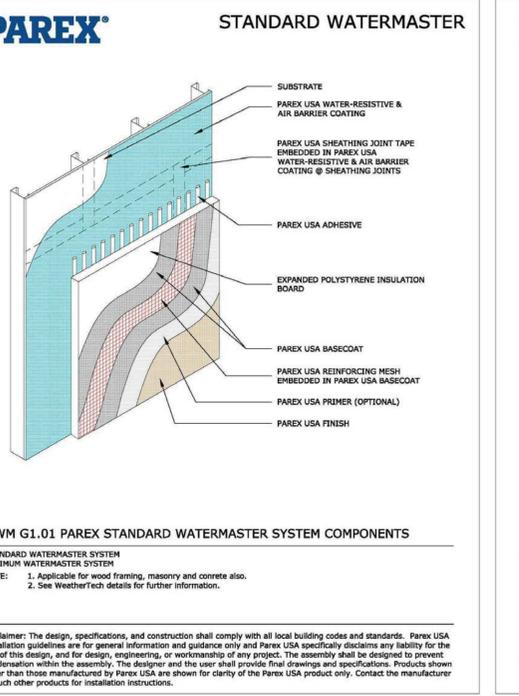
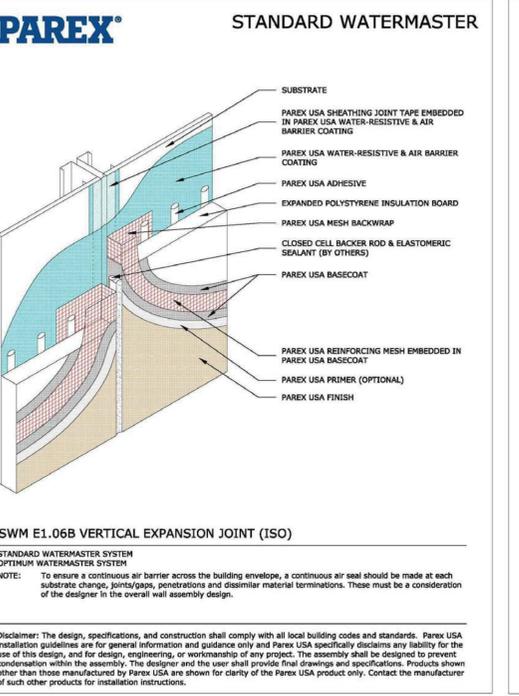
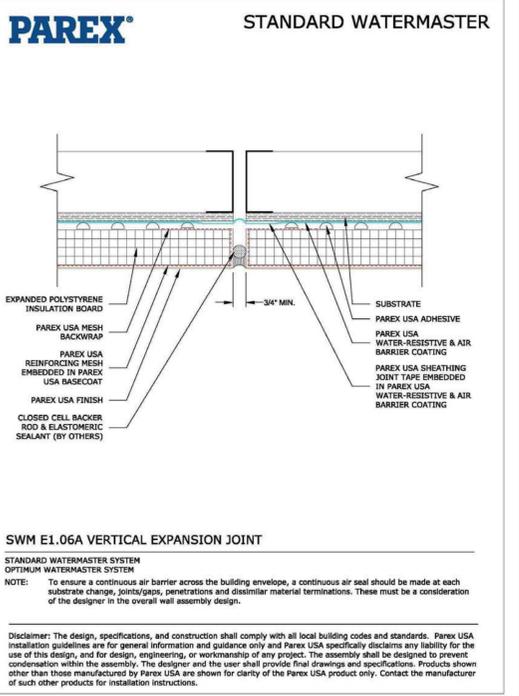
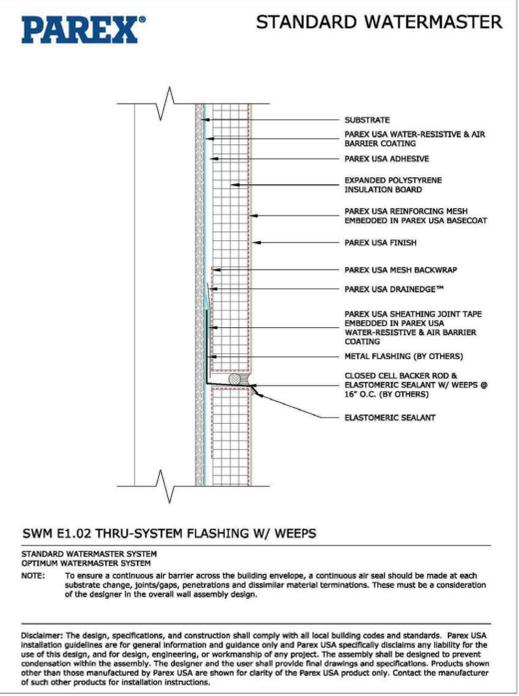
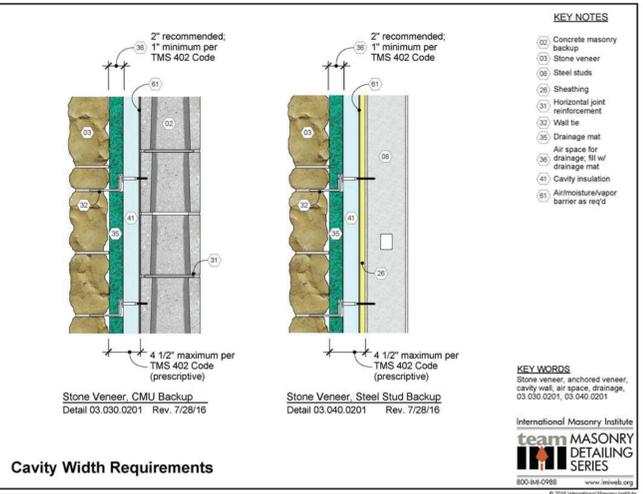
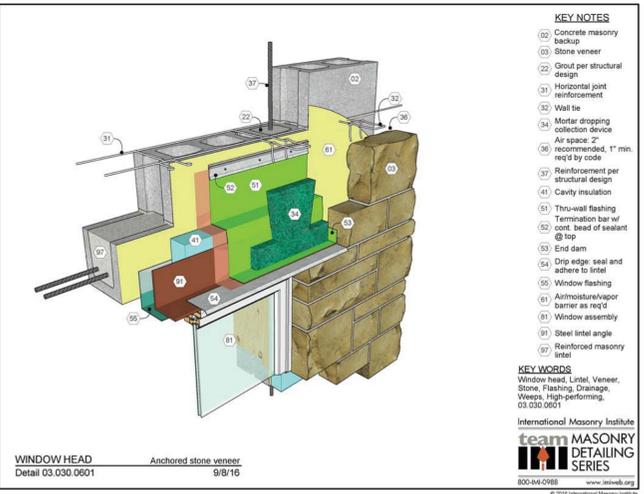
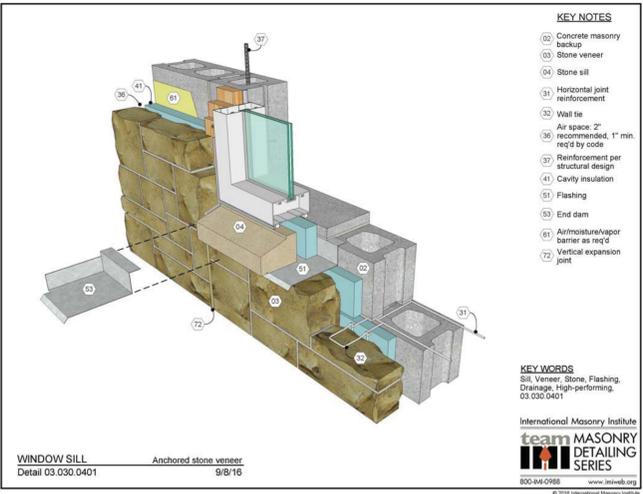
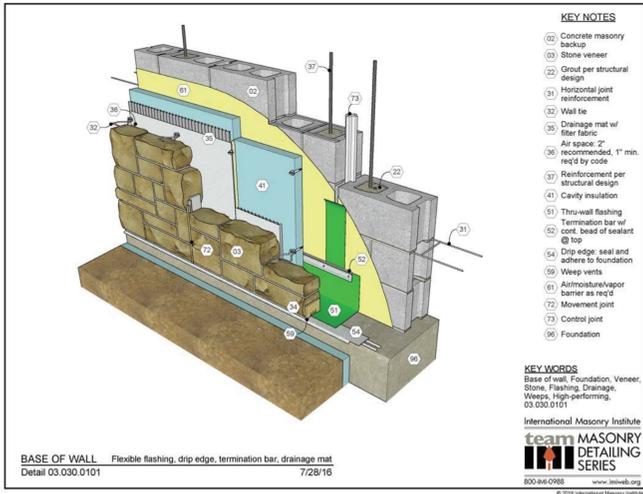
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project title
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 & PAVILIONS**
 for
**CITY OF PEACHTREE
 CORNERS**
 310 TECHNOLOGY PARKWAY
 PEACHTREE CORNERS, GA 30092
 drawing information
 project number: 16102
 contact: Adam Williamson
 drawn by: JTC
 checked by: HLH
 drawing date
JUNE 14, 2018
 sheet title
**MEN'S ENLARGED PLAN
 & INTERIOR ELEVATIONS**
 sheet number



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TOWN GREEN RESTROOM
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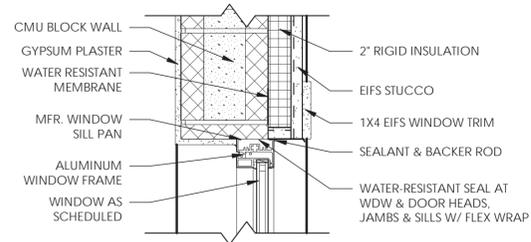
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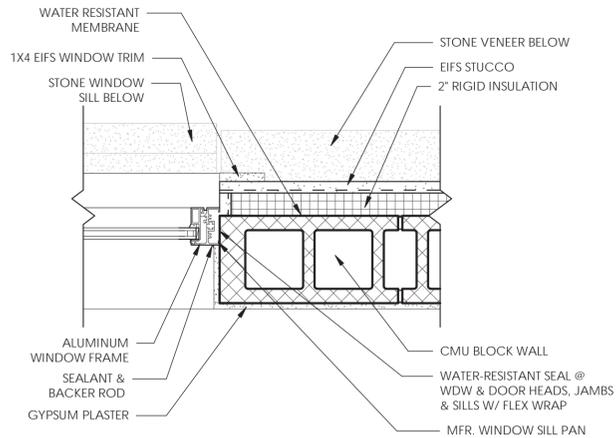
project title
PEACHTREE CORNERS TOWN GREEN RESTROOM & PAVILIONS

for
CITY OF PEACHTREE CORNERS
310 TECHNOLOGY PARKWAY
PEACHTREE CORNERS, GA 30092

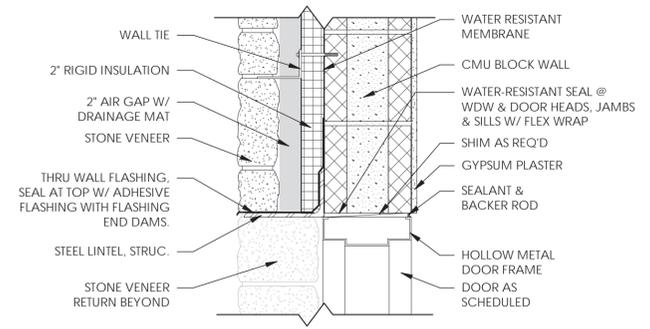
drawing information
project number: 16102
contact: Adam Williamson
drawn by: JTC
checked by: HLH
drawing date
JUNE 14, 2018
sheet title
BUILDING DETAILS
sheet number



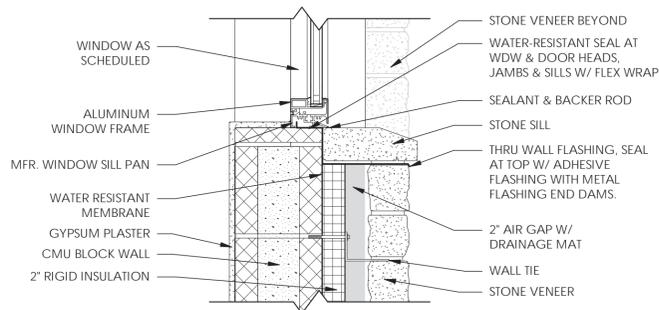
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A7.1 SCALE: 1 1/2" = 1'-0"



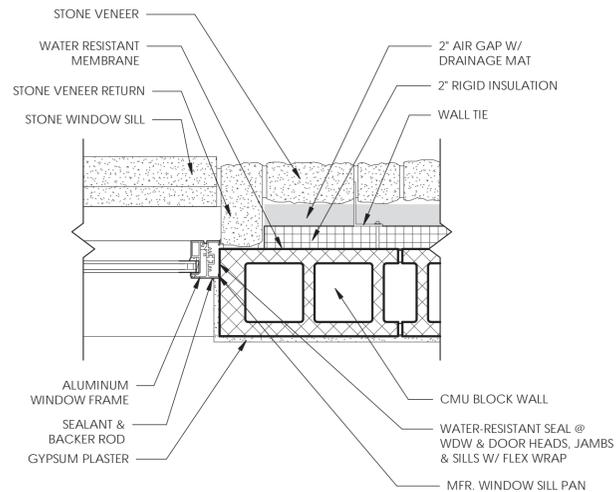
2 SING HUNG WINDOW JAMB AT CMU & EIFS
A7.1 SCALE: 1 1/2" = 1'-0"



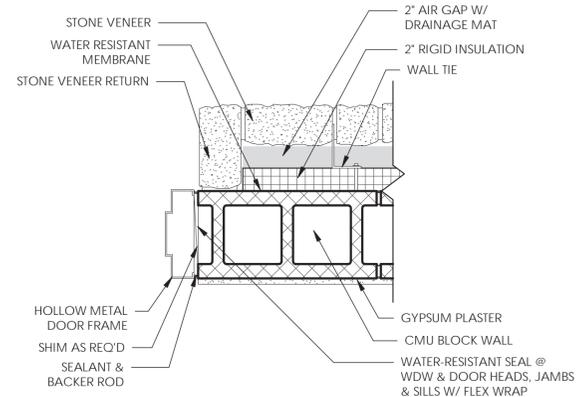
3 EXT. METAL DOOR HEADER AT CMU & STONE
A7.1 SCALE: 1 1/2" = 1'-0"



4 SINGLE HUNG WINDOW SILL AT CMU & STONE
A7.1 SCALE: 1 1/2" = 1'-0"



5 SING HUNG WINDOW JAMB AT CMU & STONE
A7.1 SCALE: 1 1/2" = 1'-0"



6 EXT. METAL DOOR JAMB AT CMU & STONE
A7.1 SCALE: 1 1/2" = 1'-0"

WINDOW SYSTEMS & BUILDING WRAP / FLASHING GENERAL NOTES

1. FOR ALL NON-STOREFRONT WINDOW AND PATIO DOOR SYSTEMS, CONTRACTOR SHALL PROVIDE AND INSTALL A HIGH-QUALITY PVC OR PVC-CLAD WOOD WINDOW THAT HAS AN INTEGRAL NAILING FIN FOR INSTALLATION AND TO ACT AS A WATER STOP.
2. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONSTRUCT THE PROPER WINDOW ROUGH OPENINGS WITHIN THE MANUFACTURER'S ROUGH OPENING REQUIREMENTS. THE CONTRACTOR SHALL INSPECT THE ROUGH OPENINGS TO ENSURE THAT THEY ARE NOT OVERLY LARGE, AND THAT ALL MANUFACTURER'S RECOMMENDATIONS ARE MET REGARDING BOTH WINDOW INSTALLATION AND ALL WATER-PROOFING AND FLASHING REQUIREMENTS.
3. DUPONT BUILDING WRAP SYSTEMS, INCLUDING WINDOW FLASHING SYSTEMS, AND THRU-WALL FLASHING SYSTEMS, SHALL BE USED. THEY SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. THE CONTRACTOR SHALL SUBMIT TO THE OWNER AND ARCHITECT A DETAILED SUBMITTAL SPECIFYING ALL COMPONENTS OF THE WATER-RESISTANCE AND FLASHING SYSTEMS.
4. CONTRACTOR SHALL INSTALL PRE-PAINTED BREAK METAL FLASHING OVER ALL WINDOW & DOOR HEAD TRIM PIECES, AND AT ALL OTHER LOCATIONS AS RECOMMENDED BY THE CEMENTITIOUS SIDING MANUFACTURER.
5. CONTRACTOR SHALL SUBMIT A COMPREHENSIVE WINDOW SUBMITTAL TO THE OWNER & ARCHITECT FOR REVIEW. CONTRACTOR'S WINDOW SUPPLIER SHALL VERIFY ALL CODE COMPLIANCE PERTAINING TO GLAZING AND EGRESS, AND THE POTENTIAL NEED FOR SAFETY LOCKS.
6. CONTRACTOR SHALL PROVIDE A FULL SCALE MOCK UP OF FLASHING & BRICK DETAILING AROUND A SINGLE HUNG WNDW FOR APPROVAL BY THE ARCHITECT PRIOR TO INSTALLING THE WNDWS & FLASHING FOR THE ENTIRE BUILDING. MOCK UP MAY BE PART OF THE ACTUAL BUILDING FACADE.



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north arrow + scale

project title
**PEACHTREE CORNERS
TOWN GREEN RESTROOM
& PAVILIONS**

for
**CITY OF PEACHTREE
CORNERS**
310 TECHNOLOGY PARKWAY
PEACHTREE CORNERS, GA 30092

drawing information
project number: 16102
contact: Adam Williamson
drawn by: JTC
checked by: HLH
drawing date
JUNE 14, 2018

sheet title
**DOOR & WINDOW
DETAILS**
sheet number

1-HOUR ROOF SYSTEM- STRUCTURAL RATING

5/25/2017

BXUV.P522 - Fire Resistance Ratings - ANSUIUL 263

ONLINE CERTIFICATIONS DIRECTORY

Design No. P522 BXUV.P522 Fire Resistance Ratings - ANSI/UL 263

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Design/System/Construction/Assembly Usage Disclaimer

- Authorities Having Jurisdiction should be consulted in all cases as to the particular requirements covering the installation and use of UL Certified products, equipment, system, devices, and materials.
- Authorities Having Jurisdiction should be consulted before construction.
- Fire resistance assemblies and products are developed by the design submitter and have been investigated by UL for compliance with applicable requirements. The published information cannot always address every construction nuance encountered in the field.
- When field issues arise, it is recommended the first contact for assistance be the technical service staff provided by the product manufacturer noted for the design. Users of fire resistance assemblies are advised to consult the general Guide Information for each product category and each group of assemblies. The Guide Information includes specifics concerning alternate materials and alternate methods of construction.
- Only products which bear UL's Mark are considered Certified.

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BXUV7 - Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada

See General Information for Fire Resistance Ratings - ANSUIUL 263

See General Information for Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada

Design No. P522

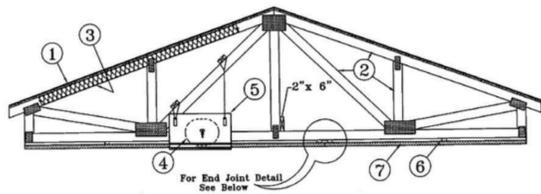
February 15, 2017

Unrestrained Assembly Rating - 1 Hr

Finish Rating - 25 Min (See Items 3 or 3A)

This design was evaluated using a load design method other than the Limit States Design Method (e.g., Working Stress Design Method). For jurisdictions employing the Limit States Design Method, such as Canada, a load restriction factor shall be used - See Guide BXUV or BXUV7

- * Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.



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BXUV.P522 - Fire Resistance Ratings - ANSUIUL 263

1/4 in. long steel teeth on the hanger are embedded in the side of the blocking. Hanger positioned on blocking and leveling bolt height adjusted such that furring channels are flush with bottom of trusses before gypsum board installation. Spring gauge of hanger chosen per manufacturer's instructions.

KINETICS NOISE CONTROL INC - Type ICW.

6C. Steel Framing Members* - (Not Shown) - As an alternate to Items 6, 6A and 6B.

a. Furring Channels - Formed of No. 25 MSG galv steel, 2-3/8 in. wide by 7/8 in. deep installed perpendicular to wood structural members. Channels spaced a max of 24 in. OC when no insulation (Item 3 or 3A) is fitted in the concealed space or a max of 12 in. OC when insulation (Item 3 or 3A) is fitted in the concealed space. Channels secured to trusses as described in Item 6C. Ends of adjoining channels overlapped 6 in. and tied together with double strand of No. 18 AWG galvanized steel wire near each end of overlap.

b. Steel Framing Members* - Used to attach furring channels (Item 6C) to trusses (Item 2). Clips spaced to the bottom chord of each truss (24 in. OC) with one No. 8 by 2-1/2 in. long coarse drywall screw through center grommet. Furring channels are friction fitted into clips. Adjoining channels are overlapped as described in Item 6C. As an alternate, ends of adjoining channels may be overlapped 6 in. and secured together with two self-tapping No. 6 framing screws, min 7/16 in. long at the midpoint of the overlap, with one screw on each flange of the channel. Additional clips required to hold furring channel that supports the gypsum board trusses, as described in Item 7.

PLTQE INC - Type Genie Clip

6D. Steel Framing Members* - (Not Shown) - As an alternate to Items 6, 6A, 6B and 6C.

a. Main runners - Installed perpendicular to trusses - Nom 10 or 12 ft long, 15/16 in. or 1-1/2 in. wide face, spaced 4 ft OC. Main runners hung a min of 2 in. from bottom chord of trusses with 12 SWG galv steel wire. Wires located a max of 48 in. OC.

b. Cross tees or channels - Nom 4 ft long, 15/16 in. or 1-1/2 in. wide face or cross channels, nom 4 ft long, 1-1/2 wide face, installed perpendicular to the main runners, spaced 16 in. OC. Additional cross tees or channels used at 8 in. from each side of butted gypsum board end joints. The cross tees or channels may be riveted or screw-attached to the wall angle or channel to facilitate the ceiling installation.

c. Wall angles or channels - Used to support steel framing member ends and for screw-attachment of the gypsum wallboard - Min 0.016 in. thick painted or galvanized steel angle with 1 in. legs or min. 0.016 in. thick painted or galvanized steel channel with a 1 by 1-1/2 by 1 in. profile, attached to walls at perimeter of ceiling with fasteners 16 in. OC.

CGC INC - Type DGL or RX

USG INTERIORS LLC - Type DGL or RX

6E. Alternate Steel Framing Members* - (Not Shown) - As an alternate to Items 6, 6A, 6B, and 6C, furring channels and Steel Framing Members as described below.

a. Furring Channels - Formed of No. 25 MSG galv steel, 2-5/8 in. wide by 7/8 in. deep, spaced 24 in OC, perpendicular to trusses. When insulation, Items 3 or 3A is used, the furring channel spacing shall be reduced to 12 in. OC. Channels secured to joists as described in Item b.

b. Steel Framing Members* - Used to attach furring channels (Item a) to the wood trusses (Item 2). Clips spaced at 24" OC and secured to the bottom of the trusses with one No. 10 x 2-1/2 Coarse Drywall Screw through the center hole. Furring channels are then friction fitted into clips. Ends of channels are overlapped 6" and screwed with four No. 8 x 1/2 Self Drilling screws (2 per side 1 in. and 4 in. from overlap edge). Additional clips are required to hold the Gypsum Butt joints and side joints as described in Item 7.

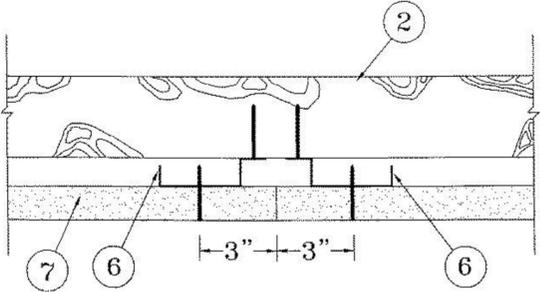
STUDCO BUILDING SYSTEMS - RESILMOUNT Sound Isolation Clips - Type A237 or A237R

6F. Steel Framing Members* - (Not Shown) - As an alternate to Items 6 through 6E. Not for use with Items 3 or 3A. Main runners nom 12 ft long, spaced 72 in. OC. Main runners suspended by min 12 SWG galv steel hanger wires spaced 48 in. OC. Cross tees, nom 6 ft long, installed perpendicular to main runners and spaced 24 in. OC. Additional 6 ft long cross tees required at each gypsum board end joint with butted gypsum board end joints centered between cross tees spaced 8 in. OC. The main runners and cross tees may be riveted or screw attached to the wall angle or channel to facilitate the ceiling installation.

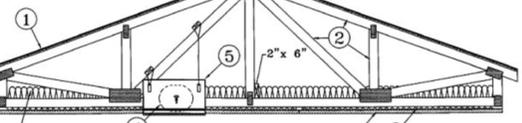
USG INTERIORS LLC - Type DGL or RX

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Alternate Insulation Placement



1. Roofing System* - Any UL Class A, B or C Roofing System (TGFU) or Prepared Roof Covering (TFW2) acceptable for use over nom 15/32 in. thick wood structural panels, min. grade "C-D" or "Sheathing", Nom 15/32 in. thick wood structural panels secured to trusses with No. 6d ringed shank nails spaced 12 in. OC along each truss. Staples having equal or greater withdrawal and lateral resistance strength may be substituted for the 6d nails. Construction adhesive may be used with either the nails or staples.

2. Trusses - Pitched or parallel chord wood trusses, spaced a max of 24 in. OC, fabricated from nom 2 by 4 lumber, with lumber oriented vertically or horizontally. Truss members secured together with min. 0.0256 in. thick galv steel plates. Plates have 5/16 in. long teeth projecting perpendicular to the plane of the plate. The teeth are in pairs facing each other (made by the same punch), forming a split tooth type plate. Each tooth has a chisel point on its stiff side. These points are diagonally opposite each other for each pair. The top half of each tooth has a twist for outskiff. The pairs are repeated on approximately 7/8 in. centers with four rows of teeth per inch of plate width. Where the twist intersects with the interior face of the exterior walls, the min truss depth shall be 5-1/4 in. with a min roof slope of 3/12 and a min. area in the plane of the truss of 21 sq/ft. Where the twist intersects with the interior face of the exterior walls, the min truss depth may be reduced to 3 in. If the batts and blankets (Item 3) are used as shown in the above illustration (Alternate Insulation Placement) and are firmly packed against the intersection of the bottom chords and the plywood sheathing.

3. Batts and Blankets* - (Optional) - Required when Item 6B is used - Glass fiber insulation, secured to the wood structural panels with staples spaced 12 in. OC or to the trusses with 0.090 in. diam galv steel wires spaced 12 in. OC. Any glass fiber insulation bearing the UL Classification Marking as to Surface Burning Characteristics and/or Fire Resistance, having a min density of 0.5 pcf. As an option, the insulation may be fitted in the concealed space, draped over the resilient channel/gypsum board ceiling membrane when resilient channels and gypsum board attachment is modified as specified in Items 6 and 7. When Steel Framing Members (Item 6B) are used, max 1-1/2 in. thick insulation shall be draped over the furring channels (Item 6B) and gypsum board ceiling membrane and friction-fitted between trusses and Steel Framing Members (Item 6B). The finished rating has only been determined when the insulation is secured to the decking.

3A. Fiber, Sprayed* - As an alternate to Item 3 (not evaluated for use with Item 6B) - Any thickness of spray-applied cellulose insulation material, having a min density of 0.5 lb/ft³, applied with water, over the resilient channel/gypsum board ceiling membrane and gypsum board attachment is modified as specified

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7. Gypsum Board* - One layer of nom 5/8 in. thick by 48 in. wide boards, installed with long dimension parallel to trusses. Attached to the resilient channels using 1 in. long Type 5 bugle-head screws. Screws spaced a max of 12 in. OC along butted end-joints and in the field when no insulation (Item 3 or 3A) is fitted in the concealed space or a max of 8 in. OC along butted end-joints and in the field when insulation (Item 3 or 3A) is fitted in the concealed space, draped over the resilient channel/gypsum board ceiling membrane.

When Steel Framing Members* (Item 6A or 6C) are used, sheets installed with long dimension perpendicular to furring channels and side joints of sheet located beneath trusses. Gypsum board screws are driven through channel spaced 12 in. OC in the field when no insulation (Item 3 or 3A) is fitted in the concealed space, or 8 in. OC in the field when insulation (Item 3 or 3A) is fitted in the concealed space, draped over the furring channel/gypsum board ceiling membrane. Steel Framing Members shall be staggered min. 2 ft within the assembly, and occur between the main furring channels. At the gypsum board butt joints, each end of the gypsum board shall be supported by a single length of furring channel equal to the width of the wallboard plus 6 in. on each end. The furring channels shall be spaced approximately 3-1/2 in. OC, and be attached to the trusses with one clip at each end of the channel. Screw spacing along the butt joint to attach the gypsum board to the furring channels shall be 8 in. OC. Second (outer) layer of gypsum board required when furring channels (Item 6A, a) are spaced 24 in. OC and insulation is fitted in the concealed space, draped over the furring channel/gypsum board ceiling membrane. Outer layer of gypsum board attached to the furring channels using 1-5/8 in. long Type 5 bugle-head screws spaced 8 in. OC at butted joints and 12 in. OC in the field. Butted end joints of outer layer to be offset a minimum of 8 in. from base layer end joints. Butted side joints of outer layer to be offset minimum 18 in. from butted side joints of base layer.

When Steel Framing Members (Item 6B) are used, two layers of nom 5/8 in. thick, 4 ft wide gypsum board are installed with long dimensions perpendicular to furring channels (Item 6B). Base layer attached to the furring channels using 1 in. long Type 5 bugle head steel screws spaced 8 in. OC along butted end joints and 12 in. OC in the field of the board. Butted end joints centered on the continuous furring channels. Butted base layer joints to be offset a min of 16 in. in adjacent courses. Outer layer attached to the furring channels using 1-5/8 in. long Type 5 bugle head steel screws spaced 8 in. OC at butted end joints and 12 in. OC in the field. Butted end joints centered on the continuous furring channels and offset a min of 16 in. from butted end joints of base layer. Butted side joints of outer layer to be offset min 16 in. from butted side joints of base layer.

When Steel Framing Members (Item 6C) are used, one layer of nom 5/8 in. thick, 4 ft wide gypsum board is installed with long dimensions perpendicular to furring channels. Gypsum board secured to furring channels with nom 1 in. long Type 5 bugle-head steel screws spaced 8 in. OC in the field of the board. Gypsum board butted end joints shall be staggered minimum 72 in. At the gypsum board butt joints, each end of each gypsum board shall be supported by a single length of furring channel equal to the width of the gypsum board plus 3 in. on each end, spaced approximately 2 in. in from joint. Screws spacing along the gypsum board butt joint shall be 8 in. OC. Butt joint furring channels shall be attached with a RESILMOUNT Sound Isolation Clip secured to underside of every truss that is located over the butt joint. Over all Gypsum Board side joints, approximately 20 in. lengths of furring channel shall be installed parallel to trusses (Item 2) between main furring channels. Side joint furring channels shall be attached to underside of the joist with RESILMOUNT Sound Isolation Clips - located approximately 2 in. from each end of the approximate 20 in. length of channel. Both Gypsum Boards at side joints fastened into channel with screws spaced 8 in. OC, approximately 1/2 in. from joint edge.

When alternate Steel Framing Members* (Item 6F) are used, one layer of nom 5/8 in. thick, 4 ft wide gypsum board sheets installed with long dimension (side joints) perpendicular to the 6 ft long cross tees with the end joints staggered min 4 ft and centered between cross tees which are spaced 8 in. OC. Gypsum board side joints may occur beneath or between main runners. Prior to installation of the gypsum board sheets, backer strips consisting of nom 7-3/4 in. wide pieces of gypsum board are to be laid atop the cross tee flanges and centered over each butted end joint location. The backer strips are to be secured to the flanges of the cross tees at opposite corners of the backer strip with hold down clips to prevent the backer strips from being uplifted during screw-attachment of the gypsum board sheets. Gypsum board fastened to cross tees with 1 in. drywall screws spaced 1 in. and 4 in. from the side joints and max 8 in. OC in the field of the board. The butted end joints are to be secured to the backer strip with No. 10 by 1-1/2 in. long Type G laminating screws located 1 in. from each side of the butted end joint and spaced 1 in. and 4 in. from the side joints and max 8 in. OC in the field of the board.

CGC INC - Types C, IP-X2, IPC-AR

UNITED STATES GYPSUM CO - Types C, IP-X2, IPC-AR

USG BORAL ZAWAWI DRYWALL L L C SFPZ - Type C

USG MEXICO SA DE CV - Types C, IP-X2, IPC-AR

7A. Gypsum Board* - For use with Steel Framing Members (Item 6D) when Batts and Blankets* (Item 3) are not used - One layer of nom 5/8 in. thick by 48 in. wide boards, installed with long dimension parallel to the main runners. Gypsum board fastened to each cross tee or channel with five wallboard screws, with one screw located at the midpoint of the cross tee or channel, one screw located 12 in. from and on each side of the cross tee or channel mid span and one screw located 1-1/2 in. from each gypsum board side joint. Except at wallboard end joints, wallboard screws shall be located on alternating sides of cross tee flange. At gypsum board end joints, gypsum board screws shall be located 1/2 in. from the joint. Gypsum board screws 1/2 in. from each gypsum board side joint. Screws spaced midway between intersections with cross tees or channels (16 in. OC). End joints of adjacent gypsum board sheets shall be staggered not less than 32 in. Gypsum board sheets screw attached to leg of wall angle with wallboard screws spaced 12 in. OC. Joints treated as described in Item 7. For use with Steel Framing Members* (Item 6D) when Batts and Blankets* (Item 3) are used - Ratings limited to 1 Hour - 5/8 in. thick, 4 ft wide; installed with long dimension perpendicular to cross tees with side joints centered along main runners and end joints centered along cross tees. Fastened to cross tees with 1 in. long steel framing channel main screws spaced 8 in. OC in the field and 8 in. OC along end

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In Items 6 and 7, Fiber, Sprayed is applied with moisture in accordance with the application instructions supplied with the product. The finish rating when Fiber Sprayed is used has not been determined. Alternate application method: The fiber is applied without water or adhesive in accordance with the application instructions supplied with a minimum density of 0.5 lb/ft³ over the resilient channel/gypsum board ceiling membrane when resilient channels and gypsum board attachment is modified as specified in Items 6 and 7. Alternate application method: The fiber is applied without water or adhesive to a nominal density of 3.5 lb/ft³ behind netting (Item 9) stapled to the rafters. The netting is stapled at both lower edges of the rafters creating a cavity to accept the cellulose fiber.

U S GREENFIBER L L C - INS735 & INS745 for use with wet or dry application. INS510LD, INS515LD, INS541LD, INS735, INS745, INS765LD, and INS770LD are to be used for dry application only.

4. Air Duct* - Any UL Class 0 or Class 1 flexible air duct installed in accordance with the instructions provided by the damper manufacturer.

5. Ceiling Damper* - Max nom area, 324 sq in. Max square size, 18 in. by 18 in. rectangular sizes not to exceed 324 sq in. with a max width of 18 in. Max damper height is 14 in. Installed in accordance with manufacturers installation instructions provided with the damper. Max damper openings not to exceed 162 sq in. per 100 sq ft of ceiling area.

C&S AIR PRODUCTS - Model RD-521

POTTORFF - Model CFD-521

5A. Alternate Ceiling Damper* - Max nom area, 196 sq in. Max square size, 14 in. by 14 in. Rectangular sizes not to exceed 196 sq in. with a max width of 26 in. Max overall damper height is 7 in. Installed in accordance with the manufacturers installation instructions provided with the damper. Max damper openings not to exceed 98 sq in. per 100 sq ft of ceiling area.

C&S AIR PRODUCTS - Model RD-521-BT

POTTORFF - Model CFD-521-BT.

5B. Alternate Ceiling Damper* - Max nom area shall be 256 sq in. with the length not to exceed 24 in. and the width not to exceed 20 in. Max height of damper shall be 17 in. Aggregate damper openings shall not exceed 128 sq in. per 100 sq ft of ceiling area. Damper installed in accordance with the manufacturers installation instructions provided with the damper. A steel grille shall be installed in accordance with installation instructions.

POTTORFF - Models CFD-521-IP, CFD-521-NP

5C. Alternate Ceiling Damper* - Ceiling damper & fan assembly. Max nom area shall be 75 sq in. with the length not to exceed 9-1/16 in. and the width not to exceed 8-3/4 in. Max height of damper shall be 5-7/8 in. Aggregate damper openings shall not exceed 38 sq in. per 100 sq ft of ceiling area. Damper shall be installed in combination with one of the fan models described in, and in accordance with, the manufacturer's installation instructions provided with the damper. A plastic grille shall be installed in accordance with installation instructions.

DELTA ELECTRONICS INC - Models CRD2, GBR-CRD, ITG-CRD

5D. Alternate Ceiling Damper* - Ceiling damper & fan assembly for use with min 18 in. deep trusses. Max nom area shall be 75 sq in. with the length not to exceed 9-3/4 in. and the width not to exceed 9-3/4 in. Max height of damper shall be 9-7/8 in. Aggregate damper openings shall not exceed 45 sq in. per 100 sq ft of ceiling area. Damper shall be installed in combination with one of the fan models described in, and in accordance with, the manufacturer's installation instructions provided with the damper. A plastic grille shall be installed in accordance with installation instructions.

DELTA ELECTRONICS INC - Model SIG-CRD

5E. Alternate Ceiling Damper* - Ceiling damper & fan assembly for use with min 18 in. deep trusses. Max nom area shall be 103 sq in. with the length not to exceed 10-1/8 in. and the width not to exceed 10-1/8 in. Aggregate damper openings shall not exceed 52 sq in. per 100 sq ft of ceiling area. Damper shall be installed in combination with one of the fan models described in, and in accordance with, the manufacturer's installation instructions provided with the damper. A plastic grille shall be installed in accordance with installation instructions.

PANASONIC CORPORATION, PANASONIC CORPORATION OF NORTH AMERICA - Model PC-RD5CS

5F. Alternate Ceiling Damper* - Ceiling damper & fan assembly for use with min 18 in. deep trusses. Max nom area shall be 113 sq in. with the length not to exceed 10-1/8 in. and the width not to exceed 11-1/8 in. Aggregate damper openings shall not exceed 57 sq in. per 100 sq ft of ceiling area. Damper shall be installed in combination with one of the fan models described in, and in accordance with, the manufacturer's installation instructions provided with the damper. A plastic grille shall be installed in accordance with installation instructions.

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joints. Fastened to main runners with 1 in. long gypsum board screws spaced midway between cross tees. Screws along ends and ends of boards spaced 3/8 to 1/2 in. from board edge. End joints of the sheets shall be staggered with spacing between joints on adjacent boards not less than 4 ft OC.

CGC INC - Type C or IP-X2

UNITED STATES GYPSUM CO - Type C or IP-X2

USG BORAL ZAWAWI DRYWALL L L C SFPZ - Type C

USG MEXICO SA DE CV - Type C or IP-X2

8. Finishing System* - (Not Shown) - Vinyl, dry or premixed joint compound, applied in two coats to joints and screw-heads; paper tape, 2 in. wide, embedded in first layer of compound over all joints. As an alternate, nom 3/32 in. thick veneer plaster may be applied to the entire surface of gypsum board. Alternate Ceiling Membrane - Not Shown.

9. Netting - Fibrous, woven netting material fastened to underside of each joint with staples, with side joints overlapped.

- * Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.

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for
CITY OF PEACHTREE
CORNERS
310 TECHNOLOGY PARKWAY
PEACHTREE CORNERS, GA 30092

drawing information

project number: 16102
contact: Adam Williamson
drawn by: JTC
checked by: HLH
drawing date
JUNE 14, 2018

sheet title

UL ASSEMBLY

sheet number

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When field issues arise, it is recommended the first contact for assistance be the technical service staff provided by the product manufacturer noted for the design. Users of fire resistance assemblies are advised to consult the general Guide Information for each product category and each group of assemblies. The Guide Information includes specifics concerning alternate materials and alternate methods of construction.
Only products which bear UL's Mark are considered Certified.

BXUV - Fire Resistance Ratings - ANSI/UL 263

BXUV7 - Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada

See General Information for Fire-resistance Ratings - ANSI/UL 263

See General Information for Fire-Resistance Ratings - CAN/ULC-S101 Certified for Canada

Design No. U904

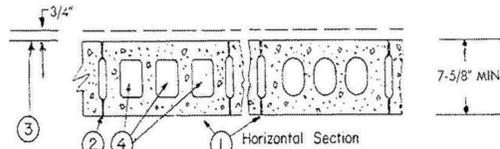
March 11, 2016

Bearing Wall Rating - 3 HR.

Nonbearing Wall Rating - 3 HR.

This design was evaluated using a load design method other than the Limit States Design Method (e.g., Working Stress Design Method). For jurisdictions employing the Limit States Design Method, such as Canada, a load restriction factor shall be used - See Guide BXUV or BXUVZ

* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.



- 1. Concrete Blocks - Various designs. Classification C-3 (3 hr). See Concrete Blocks category for list of eligible manufacturers.
2. 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.
3. Portland Cement Stucco or Gypsum Plaster - Add 1/2 hr to Classification if used. Attached to concrete bolks (Item 1).
4. 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 1 hr to Classification.

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5. Foamed Plastic* - (Optional-Not Shown) - 1-1/2 in. thick max, 4 ft wide sheathing attached to concrete blocks (Item 1).

ATLAS ROOFING CORP - "EnergyShield Pro Wall Insulation" and "EnergyShield Pro 2 Wall Insulation."

CARLISLE COATINGS & WATERPROOFING INC - Type R2+ Sheath

FIRESTONE BUILDING PRODUCTS CO L L C - "Emverge™ CI Foil Exterior Wall Insulation" and "Emverge™ CI Glass Exterior Wall Insulation"

HUNTER PANELS - Type Xci-Class A, Xci 286

RMAX OPERATING L L C - "TSX-8500", "TSX-8510", "Thermasheath-XP", "ECOMAXci", "Thermasheath-3", "Durasheath-3"

THE DOW CHEMICAL CO - Type Thermax Sheathing, Thermax Light Duty Insulation, Thermax Heavy Duty Insulation, Thermax Metal Building Board, Thermax White Finish Insulation, Thermax ci Exterior Insulation, Thermax XARMOR ci Exterior Insulation, Thermax IH Insulation, Thermax Plus Liner Panel, Thermax Heavy Duty Plus (HDP) and TUFF-R™ ci Insulation

5A. Building Units - As an alternate to Item 5, min. 1-in thick polyisocyanurate composite foamed plastic insulation boards, nom. 48 by 48 or 96 in.

RMAX OPERATING L L C - "Thermasheath-SI", "ECOBASEci", "Thermaxbase-CI"

* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.

Last Updated on 2016-03-11

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north arrow + scale

project title
PEACHTREE CORNERS
TOWN GREEN RESTROOM
& PAVILIONS

for
CITY OF PEACHTREE
CORNERS
310 TECHNOLOGY PARKWAY
PEACHTREE CORNERS, GA 30092

drawing information

project number: 16102
contact: Adam Williamson
drawn by: JTC
checked by: HLH

drawing date
JUNE 14, 2018

sheet title
UL ASSEMBLY

sheet number

DESIGN NOTES			
REFERENCED CODES			
INTERNATIONAL BUILDING CODE	IBC	2012	
MINIMUM DESIGN LOADS	ASCE-7	2010	
MASONRY STRUCTURES	ACI 530	2011	
STRUCTURAL CONCRETE	ACI 318	2011	
AISC	AISC 360	2010	
LOADS			
OCCUPANCY OR USE:	UNIFORM (PSF)	CONC. (LBS)	
ROOF	20	300	
PUBLIC AREA FLOOR	100	-	

SEISMIC DESIGN CRITERIA	
RISK CATEGORY:	II
SEISMIC IMPORTANCE FACTOR (I_b):	$I_b = 1.0$
MAPPED SPECTRAL RESPONSE ACCELERATIONS:	$S_D = 0.185g$ $S_1 = 0.090g$
SITE CLASS:	D
DESIGN SPECTRAL RESPONSE ACCELERATIONS:	$S_{DS} = 0.197g$ $S_{D1} = 0.144g$
SEISMIC DESIGN CATEGORY:	C
ANALYSIS PROCEDURE:	EQUIVALENT LATERAL FORCE
PAVILION BASIC SEISMIC-FORCE RESISTING SYSTEM:	STEEL ORDINARY CANTILEVER COLUMN SYSTEM
RESPONSE MODIFICATION FACTOR:	$R = 1.25$
SEISMIC RESPONSE COEFFICIENT:	$C_s = 0.158$
DESIGN BASE SHEAR:	$F_x = F_y = 1.6k$
RESTROOM BASIC SEISMIC-FORCE RESISTING SYSTEM:	ORDINARY REINFORCED MASONRY SHEAR WALLS
RESPONSE MODIFICATION FACTOR:	$R = 2.0$
SEISMIC RESPONSE COEFFICIENT:	$C_s = 0.099$
DESIGN BASE SHEAR:	$F_x = F_y = 9.7k$

WIND DESIGN CRITERIA			
DESIGN SPEED:			
ULTIMATE (V_{ult})	115 MPH	COEFFICIENT:	± 0.18 (RESTROOM)
NOMINAL (V_{base})	89 MPH	COMPONENTS & CLADDING WIND PRESSURES:	REFER TO TABLES
RISK CATEGORY:	II		
WIND EXPOSURE (X-X):	B (UNFACTORED)		18 PSF (RESTROOM)
WIND EXPOSURE (Y-Y):	B	NET ROOF UPLIFT	15 PSF (RESTROOM)

GENERAL NOTES:

- THE GENERAL CONTRACTOR SHALL COORDINATE STRUCTURAL DRAWINGS WITH ARCHITECTURAL, CIVIL, MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS, INCLUDING THE SIZE AND LOCATION OF MISCELLANEOUS ITEMS AFFECTING THE STRUCTURAL WORK SUCH AS SMALL OPENINGS, PIPE SLEEVES, RECESSES, BENT PLATES, ETC. PROMPTLY NOTIFY THE ARCHITECT/ENGINEER OF ANY DISCREPANCIES OR OMISSIONS. OPENINGS THROUGH BEAMS, GIRDERS AND/OR COLUMNS SHALL BE VERIFIED BY ENGINEER.
- THE GENERAL CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING SITE CONDITIONS PRIOR TO COMMENCING WORK. PROMPTLY NOTIFY THE ARCHITECT/ENGINEER OF ANY DISCREPANCIES BETWEEN ACTUAL SITE CONDITIONS AND THE CONTRACT DOCUMENTS.
- THE CONTRACTOR SHALL VERIFY ALL FLOOR AND ROOF MOUNTED MECHANICAL EQUIPMENT DIMENSIONS AND WEIGHTS WITH ARCHITECTURAL AND MECHANICAL DRAWINGS AND REVIEWED SHOP DRAWINGS.
- THE STRUCTURE IS DESIGNED TO BE SELF-SUPPORTING AND STABLE AFTER THE BUILDING IS FULLY COMPLETED. THE ERECTION PROCEDURE AND SEQUENCE INCLUDING THE DESIGN ADEQUACY AND SAFETY OF ERECTION BRACING, SHORING, RE-SHORING, TEMPORARY SUPPORTS, ETC., ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- DO NOT SCALE DRAWINGS. ALL WORK REQUIRING MEASURING SHALL BE DONE ACCORDING TO FIGURES ON DRAWING. ANY MISSING DIMENSIONS WILL BE FURNISHED UPON REQUEST.
- WHERE A DETAIL IS SHOWN FOR ONE CONDITION, IT SHALL ALSO APPLY FOR ALL LIKE OR SIMILAR CONDITIONS UNLESS NOTED OTHERWISE.
- THESE GENERAL NOTES APPLY WHERE OTHER PROVISIONS ARE NOT PROVIDED BY THE DRAWINGS. SPECIFICATIONS OR TYPICAL DETAILS. IN CASE OF SPECIAL CONDITIONS INDICATED ON DRAWINGS, THE DRAWINGS SHALL GOVERN OVER THE SPECIFICATIONS.
- THE CONTRACTOR SHALL PROVIDE ALL CENTERLINE-TO-CENTERLINE DIMENSIONS TO THE STEEL FABRICATOR PRIOR TO SHOP DRAWING SUBMITTAL AND FABRICATION OF STRUCTURAL STEEL.
- CONSTRUCTION SHALL BE IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL ORDINANCES, AND THE INTERNATIONAL BUILDING CODE 2012.

FOUNDATION:

- FOUNDATIONS ARE DESIGNED FOR AN ALLOWABLE SOIL BEARING PRESSURE OF 2000 PSF. THIS VALUE SHALL BE VERIFIED BY A REGISTERED SOIL ENGINEER PRIOR TO FOUNDATION CONSTRUCTION. IF ACTUAL VALUES VARY BY MORE THAN TEN PERCENT FROM DESIGN BEARING PRESSURE, FOOTINGS SHALL BE REDESIGNED. ALL FOOTINGS ARE TO BE PLACED ON UNDISTURBED ORIGINAL SOIL OR COMPACTED FILL.
- ALL BACKFILLING SHALL BE ACCOMPLISHED USING MATERIAL CONSISTING OF CRUSHED STONE AND/OR MATERIAL APPROVED BY A REGISTERED SOILS ENGINEER. FILL MATERIAL TAKEN FROM SITE EXCAVATION SHALL HAVE OPTIMUM MOISTURE CONTENT FOR COMPACTION AND BE FREE OF ANY DEBRIS. BACKFILL SHALL BE COMPACTED TO 95% MAXIMUM DENSITY AS DETERMINED BY ASTM D698. IN MAXIMUM LIFTS OF EIGHT INCHES. NO BACKFILL MATERIAL SHALL BE PLACED AGAINST WALLS WITHOUT PROVISIONS FOR ADEQUATE BRACING OF THESE WALLS.
- FILL MATERIAL SHALL BE ADEQUATELY DRAINED TO PREVENT ANY DAMAGE TO THE BUILDING'S FOUNDATION BY GROUND WATER FLOWS OR SURFACE WATER RUN-OFF.
- REMOVE ORGANIC MATERIALS AND LARGE ROCKS AND PROVIDE TERMITE TREATMENT PRIOR TO PLACING VAPOR BARRIER AND CONCRETE SLABS.
- ALL SOIL CONDITIONS ARE SUBJECT TO EVALUATION BY A SOILS ENGINEER PRIOR TO FOUNDATION CONSTRUCTION. SOILS WITHOUT ADEQUATE CAPACITY TO SUPPORT DESIGN LOADS MUST BE REPLACED OR MODIFIED PRIOR TO PROCEEDING WITH CONSTRUCTION.
- ALL WIRE MESH AND REBARS ARE TO BE PLACED ON SUPPORTS PER ACI STANDARDS PRIOR TO POURING CONCRETE.

REINFORCING:

- CONCRETE REINFORCING STEEL SHALL COMPLY WITH THE REQUIREMENTS OF ASTM A615, GRADE 40 FOR #3 BARS AND ASTM A615, GRADE 60 FOR #4 AND LARGER BARS.
- DETAILING OF CONCRETE REINFORCEMENT AND ACCESSORIES SHALL BE IN ACCORDANCE WITH ACI 315, LATEST EDITION.
- REINFORCING STEEL SHALL BE SPLICED ONLY AS INDICATED ON THE PLANS. WHEN SPICE LENGTHS ARE NOT GIVEN ON THE PLANS, THEY SHALL BE TAKEN FROM THE TABLE BELOW. USE "CLASS B" LAPS UNLESS THE PLANS INDICATE "CLASS A".

BAR SIZE	CLASS "B" SPLICE	CLASS "A" SPLICE
#3	28"	22"
#4	37"	29"
#5	47"	36"
#6	56"	43"
#7	81"	63"
#8	93"	72"
#9	105"	81"
#10	118"	91"
#11	131"	101"

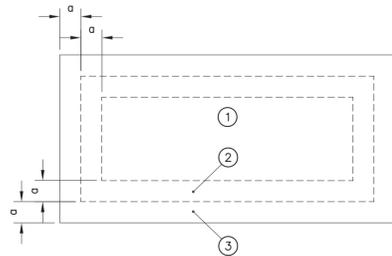
LAPS SHOWN ABOVE WERE CALCULATED PER ACI 318-11, EQ. 12-1 FOR MATS, WALLS, BEAMS, COLUMNS AND SLABS. VALUES ASSUMED ARE: f_c 3000 PSI, $k_{tr}=0$, 1" MIN COVER AND 2" MIN CLEAR BETWEEN BARS FOR #4, #5 AND #6 BARS, AND 1 1/2" MIN COVER AND 3" MIN CLEAR BETWEEN BARS FOR #7 THRU #11 BARS. SHORTER LAPS MAY BE CALCULATED FOR SOME SPECIFIC CONDITIONS SUCH AS TIED BEAMS OR ADDITIONAL COVER. LAPS MUST BE INCREASED 50% PER ACI 318-11 FOR EPOXY COATED REBAR, OR 30% FOR LIGHTWEIGHT CONCRETE.

- LAPS IN W.W.F. SHOULD BE ONE MESH PLUS TWO INCHES AT SPLICES.
- ALL BAR HOOKS SHALL BE STANDARD 90-DEGREE HOOKS UNLESS NOTED OTHERWISE ON THE DRAWINGS.
- SEE SECTION 7.7 OF ACI 318-11 FOR CONDITIONS NOT NOTED.
- DESIGN OF STRUCTURAL ELEMENTS INCLUDING WALLS, FORMED SLABS, BEAMS AND COLUMNS IS IN ACCORDANCE WITH ACI 318

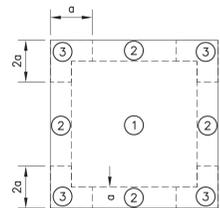
CONCRETE:

- CONCRETE WORK SHALL CONFORM TO ALL REQUIREMENTS OF ACI 301, "SPECIFICATION FOR STRUCTURAL CONCRETE", EXCEPT AS NOTIFIED BY THE REQUIREMENTS OF THESE STRUCTURAL DRAWINGS.
- CONCRETE SHALL BE NORMAL WEIGHT AND HAVE A DESIGNATED COMPRESSIVE STRENGTH (F'_c) IN 28 DAYS OF 3000 PSI WITH A 4" ($\pm 1"$) SLUMP UNLESS NOTED OTHERWISE.
- SAWN CONTROL JOINTS IN FLOOR SLABS, AS INDICATED ON THE PLANS BY "C.J.", SHALL BE 1/8" WIDE x 1" DEEP AND SHOULD BE CUT (AS SOON AS CONDITIONS ALLOW) WITHIN 12 HOURS AFTER CONCRETE IS PLACED. MAXIMUM "C.J." SPACING SHALL BE 15 FT IN EITHER DIRECTION.
- SLAB-ON-GRADE NOT OTHERWISE SPECIFIED, SHALL BE 4" THICK MINIMUM WITH 6x6-W2.9xW2.9 WELDED WIRE MESH PLACED 1" FROM TOP OF SLAB. USE PLASTIC MESH 'CHAIRS' SPACED SO THAT NO MORE THAN 3 SQ FEET OF WIRE IS SUPPORTED ON EACH 'CHAIR', UNLESS OTHERWISE SPECIFIED. SLAB SHALL BE PLACED ON 6-MIL VAPOR BARRIER ON 4" OF #57 STONE OR COMPACTED SAND OR CRUSHER RUN. VAPOR BARRIER MAY BE OMITTED FROM DRIVES, WALKS, PATIOS, AND OTHER FLAT WORK NOT LIKELY TO BE ENCLOSED AND HEATED AT A LATER DATE. JOINTS LAPPED NOT LESS THAN 6".
- CONCRETE COARSE AGGREGATE, WITH A MAXIMUM SIZE OF 1" MAY BE USED IN FOUNDATIONS. ALL OTHER CONCRETE SHALL HAVE A COARSE AGGREGATE WITH A MAXIMUM SIZE OF 3/4".
- CONCRETE MIXING, TRANSPORTING, PLACING, AND CURING SHALL BE DONE IN ACCORDANCE WITH THE RECOMMENDATIONS OF ACI 301. READY-MIXED CONCRETE SHALL BE MIXED AND DELIVERED IN ACCORDANCE WITH REQUIREMENTS OF ASTM C94 OR ASTM C685.
- SAMPLES FOR STRENGTH TESTS SHALL BE TAKEN IN ACCORDANCE WITH ASTM C172. SAMPLES FOR STRENGTH TESTS OF EACH CLASS OF CONCRETE PLACED EACH DAY SHALL BE TAKEN NOT LESS THAN ONCE A DAY, NOR LESS THAN ONCE FOR EACH 150 CU YD OF CONCRETE NOR LESS THAN ONCE FOR EACH 5,000 SQ FT OF SURFACE AREA FOR SLABS OR WALLS. A STRENGTH TEST SHALL BE THE AVERAGE OF THE STRENGTHS OF TWO CYLINDERS MADE FROM THE SAME SAMPLE OF CONCRETE AND TESTED AT 28 DAYS OR AT THE TEST AGE DESIGNATED FOR DETERMINATION OF F'_c .
- CYLINDERS FOR STRENGTH TESTS SHALL BE MOLDED AND LABORATORY CURED IN ACCORDANCE WITH ASTM C31 AND TESTED IN ACCORDANCE WITH ASTM C39.
- NO CONSTRUCTION LOADS SHALL BE SUPPORTED ON, NOR ANY SHORING REMOVED FROM, ANY PART OF THE STRUCTURE UNDER CONSTRUCTION EXCEPT WHEN THAT PORTION OF THE STRUCTURE IN COMBINATION WITH REMAINING FORMING AND SHORING SYSTEM HAS SUFFICIENT STRENGTH TO SUPPORT SAFELY ITS WEIGHT AND LOADS PLACED THEREON.
- THE CLEAR DISTANCE BETWEEN REINFORCING BARS, BUNDLED BARS, PRE-STRESSING TENDONS, AND DUCTS SHALL BE IN ACCORDANCE WITH THE LIMITATIONS OF ACI 318.
- ALL EQUIPMENT FOR MIXING AND TRANSPORTING CONCRETE SHALL BE CLEAN. ALL DEBRIS, WATER AND ICE SHALL BE REMOVED PRIOR TO PLACING CONCRETE. FORMS SHALL BE PROPERLY COATED. MASONRY FILLER UNITS THAT WILL BE IN CONTACT WITH CONCRETE SHALL BE WELL DRENCHED. REINFORCEMENT SHALL BE CLEAN OF ICE OR OTHER DELETERIOUS COATING. ALL LAITANCE AND OTHER UNSOUND MATERIAL SHALL BE REMOVED BEFORE ADDITIONAL CONCRETE IS PLACED AGAINST HARDENED CONCRETE.
- MINIMUM COVER FOR CAST-IN-PLACE CONCRETE REINFORCEMENT:

	MINIMUM COVER (IN)
(a) CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH	3
(b) CONCRETE EXPOSED TO EARTH OR WEATHER:	
#6 THROUGH #18 BARS	2
#5 BAR, W31 OR D31 WIRE, AND SMALLER	1 1/2
(c) CONCRETE NOT EXPOSED TO WEATHER OR IN CONTACT WITH GROUND:	
SLAB, WALLS, JOIST:	
#11 BARS AND SMALLER	3/4
BEAMS, COLUMNS: PRIMARY REINFORCEMENT, TIES, STIRRUPS, SPIRALS	1 1/2
- SEE ARCHITECTURAL DRAWINGS FOR CONCRETE FINISHING REQUIREMENT



MONOSLOPE ROOF



FLAT ROOF ($\Theta < 10^\circ$)



WALL ELEVATION

RESTROOM COMPONENTS + CLADDING WIND PRESSURES (PSF)			
ENCLOSED STRUCTURE; 'a' = 3.2 ft			
ROOF PRESSURES			
A_e (EFFECTIVE AREA)	ZONE 1	ZONE 2	ZONE 3
<10 SQ. FT.	+16.0, -23.8	+16.0, -39.9	+16.0, -60.0
25 SQ. FT.	+16.0, -23.0	+16.0, -34.3	+16.0, -46.4
50 SQ. FT.	+16.0, -22.4	+16.0, -30.0	+16.0, -36.1
>100 SQ. FT.	+16.0, -21.8	+16.0, -25.8	+16.0, -25.8
WALL PRESSURES			
A_e (EFFECTIVE AREA)	ZONE 4	ZONE 5	
<10 SQ. FT.	+21.8, -23.6	+21.8, -29.0	
50 SQ. FT.	+19.5, -21.3	+19.5, -24.5	
100 SQ. FT.	+17.6, -19.4	+17.6, -20.7	
>500 SQ. FT.	+16.3 -18.1	+16.3, -18.1	
NOTES:			
1. INTERPOLATION MAY BE UTILIZED FOR EFFECTIVE AREAS THAT OCCUR BETWEEN VALUES SHOWN IN THE TABLE.			
2. PLUS AND MINUS SIGN INDICATES THE PRESSURE ACTING TOWARDS AND AWAY FROM THE SURFACES, RESPECTIVELY.			
3. FORCES AND DIAGRAMS ARE BASED ON THE IBC 2012 / ASCE 7-10.			



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project title
**PEACHTREE CORNERS
TOWN GREEN RESTROOM
& PAVILIONS**

for
**CITY OF PEACHTREE
CORNERS**
310 TECHNOLOGY PARKWAY
PEACHTREE CORNERS, GA 30092
drawing information
project number: 16102
contact: ALLEN MORRIS
drawn by: DEJAN MILJENOVIC
checked by: MATT SMITH
drawing date
MARCH 28, 2018
sheet title



RELEASED FOR CONSTRUCTION

GENERAL NOTES

sheet number

S-0.0

MASONRY:

- MASONRY CONSTRUCTION AND MATERIALS SHALL CONFORM TO ALL REQUIREMENTS OF ACI 530.1, "SPECIFICATION FOR MASONRY STRUCTURES" EXCEPT AS NOTIFIED BY THE REQUIREMENTS OF THESE STRUCTURAL DRAWINGS.
- ALL MASONRY SHALL HAVE STANDARD HORIZONTAL REINFORCING PLACED @ 16" O.C. VERTICAL SPACING UNLESS NOTED OTHERWISE. JOINT REINFORCEMENT FOR SINGLE WYTHE WALLS SHALL BE LAX ALL LADDER-MESH AS MANUFACTURED BY HOHMANN & BARNARD, INC., HAUPPAUGE, NY, OR APPROVED EQUAL. REINFORCEMENT SHALL BE FABRICATED FROM COLD-DRAWN STEEL WIRE CONFORMING TO ASTM A951 WITH SMOOTH 9GA CROSS RODS BUTT WELDED NOT MORE THAN 16" O.C. TO DEFORMED 9GA SIDE RODS. FACTORY PREFABRICATED CORNERS AND TEES SHALL BE USED AT ALL CORNERS AND INTERSECTING WALLS AND SHALL BE OF THE SAME GAUGE, FINISH AND DESIGN AS THE CONTINUOUS JOINT REINFORCEMENT.
- MINIMUM VERTICAL REINFORCING TO BE #4 @ 48" O.C. UNLESS NOTED OTHERWISE. PROVIDE ONE #4 BAR VERTICAL (FULL WALL HEIGHT) AT EACH CORNER AND TWO #4 BARS VERTICAL (FROM FOOTING TO BEARING) IN FIRST CELL WITHIN 16" OF OPENINGS, WITHIN 8" OF EACH SIDE OF A CONTROL JOINT/EXPANSION JOINT. AT ALL VERTICAL MASONRY REBARS, LAP SAME SIZE HOOKED DOWELS INTO FOUNDATION AND FILL CELLS CONTAINING REBARS SOLID WITH 3000 PSI GROUT.
- AT TOP COURSE OF ALL MASONRY WALLS, PROVIDE A MINIMUM OF 8" BOND BEAM WITH (2) #5 CONTINUOUS REBARS. FILL BOND BEAM SOLID WITH 3000 PSI GROUT.
- PROVIDE VERTICAL CONTROL JOINT @ 15'-0" O.C. MAXIMUM.
- REQUIRED 28 DAY COMPRESSIVE STRENGTH OF MASONRY, f'm SHALL BE 1500 PSI MIN. SPECIAL INSPECTION REQUIRED U.N.
- MASONRY IS TO BE 8"x8"x16" CONCRETE MASONRY STACKED IN RUNNING BOND UNLESS NOTED.
- MASONRY LAP SPLICE AS DETERMINED BY IBC 2012 SECTION 2107.2.1.
- HORIZONTAL REINFORCEMENT AT THE TOP AND BOTTOM OF WALL OPENINGS SHALL EXTEND 24" MIN AND NOT < 40 BAR DIAMETERS BEYOND OPENINGS.
- ALL LEVELING GROUT SHALL HAVE A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 3000-PSI. EXPOSED GROUT SHALL BE NON-STAINING.
- USE TYPE 'S' MORTAR CEMENT FOR VERTICAL AND HORIZONTAL JOINTS PER ASTM C 270.
- ALL MASONRY GROUT SHALL CONFORM WITH ASTM C 476.
- REINFORCING STEEL SHALL BE SPLICED ONLY AS INDICATED ON THE PLANS. WHEN SPLICE LENGTHS ARE NOT GIVEN ON THE PLANS, THEY SHALL BE TAKEN FROM THE TABLE BELOW.

BAR SIZE	SPLICE LENGTH
#4.....	32"
#5.....	40"
#6.....	48"

- PROVIDE BOND BEAM AT TOP OF MASONRY WALL TYP.
- HALF OF THE EQUIVALENT AREA OF VERTICAL REINFORCEMENT INTERRUPTED BY OPENINGS SHALL BE PLACED AT EACH SIDE OF THE OPENING.
- PROVIDE BRICK VENEER TIES @ 24" O.C. MAX. HORIZONTALLY, 16" O.C. MAX. VERTICALLY. TIES TO BE EITHER:
 - 22GA x 1/4" WIDE GALVANIZED CORRUGATED TIES
 - 9GA GALVANIZED WIRE TIES

WOOD:

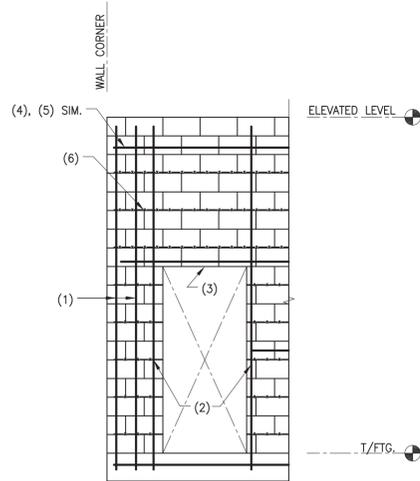
- ALL CONVENTIONAL TIMBER CONSTRUCTION SHALL CONFORM TO THE "NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION" BY THE AMERICAN FOREST AND PAPER ASSOCIATION. ALL TIMBER SHALL BE STRUCTURAL GRADED #2 SOUTHERN PINE OR BETTER UNLESS NOTED OTHERWISE. PLYWOOD CONSTRUCTION SHALL UTILIZE AMERICAN PLYWOOD ASSOCIATION RATED MATERIALS.
- ALL TIMBER IN CONTACT WITH CONCRETE OR MASONRY WITHIN 6" OF GRADE, OR REMAIN EXPOSED TO WEATHER SHALL BE PRESSURE TREATED #2 SOUTHERN PINE, AWP STANDARD U1.
- ROOF SHEATHING SHALL BE 24/16 5/8" MIN. APA RATED SHEATHING U.N.O., LAID WITH FACE GRAIN PERPENDICULAR TO THE FRAMING AND STAGGERED 4"-0". MINIMUM NAILING SHALL BE 8d NAILS @ 6" O.C. ALL UNSUPPORTED EDGES OF PLYWOOD SHEATHING SHALL BE SUPPORTED WITH SIMPSON PSCL CLIPS, PROVIDE (2) CLIPS EQUALLY SPACED BETWEEN EACH TRUSS/SUPPORT.
- ALL EXTERIOR WALL SHEATHING AND SHEAR PANEL SHEATHING SHALL BE 1/2" PLYWOOD U.N.O. MINIMUM NAILING SHALL BE 8d x 2 1/2" LONG NAILS SPACED AT 4" O.C. ON PANEL EDGES AND 6" O.C. AT INTERIOR AREAS. CONTRACTOR TO INSPECT ALL NAILING BEFORE EXTERIOR VENEER IS PLACED. DRYWALL NAILING TO BE APPROVED BEFORE TAPING. PROVIDE MINIMUM 2 1/2" x 2 1/2" x 1/2" STEEL PLATE WASHER @ EXTERIOR WALL AND SHEAR PANEL ANCHOR BOLTS, SEE NOTE #13 BELOW FOR TYPICAL BOLT SIZE & SPACING.
- BEAMS DESIGNATED ON THE PLANS AS GLULAMS SHALL BE 24F-V3 AS MANUFACTURED BY ANTHONY FOREST PRODUCTS OR APPROVED ALTERNATE.
- WOOD ROOF TRUSSES SHALL BE DESIGNED BY THE MANUFACTURER ACCORDING TO THE FOLLOWING PROVISIONS:
 - THE "NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION" AND THE "NATIONAL DESIGN STANDARD FOR METAL PLATE CONNECTED WOOD TRUSS CONSTRUCTION" BY THE TRUSS PLATE INSTITUTE APPLY.
 - DESIGN ROOF TRUSSES TO SUPPORT ALL IMPOSED LOADS, INCLUDING WIND & LATERAL LOADS. COORDINATE SIZE, LOCATION AND WEIGHT OF EQUIPMENT WITH MECHANICAL WORK. PROVIDE MULTIPLE TRUSSES WHERE ONE TRUSS CANNOT SUPPORT THE LOAD. PROVIDE BRIDGING BETWEEN TRUSSES AS SPECIFIED AS MINIMUM STANDARD.
 - A PROFESSIONAL ENGINEER, REGISTERED IN THE STATE OF PROJECT, SHALL PERFORM THE DESIGN. DESIGN SHALL INCLUDE ALL CONNECTIONS AND ATTACHMENTS REQUIRED FOR A COMPLETE INSTALLATION USING THE DESIGN LOADS SHOWN ON PLANS.
 - DESIGN CALCULATIONS AND SHOP DRAWINGS, INCLUDING ERECTION PLANS, SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW PRIOR TO FABRICATION.
 - ALL REQUIRED BRACING SHALL BE SHOWN ON THE ERECTION PLANS PREPARED BY THE FABRICATOR.
 - TRUSSED RAFTERS SHALL BE ANCHORED TO PLATES WITH SIMPSON TC CONNECTOR (OR APPROVED EQUAL), AT EACH POINT OF TRUSS BEARING.
 - ALL TRUSS CONNECTOR PLATES SHALL BE MANUFACTURED FROM ASTM A446-72 GRADE A GALVANIZED STEEL OF NO LESS THAN 20 GAGE THICKNESS WITH A MINIMUM YIELD OF 33,000 PSI AND AN ULTIMATE TENSILE STRENGTH OF 45,000 PSI.
 - ALL ROOF TRUSSES ARE TO HAVE METAL STRAPS AT EACH END TO RESIST UPLIFT FORCES. STRAPS ARE TO BE ATTACHED IN ACCORDANCE WITH SUPPLIER SPECIFICATIONS. CONTRACTOR VERIFY THAT THE ROOF CLIPS CALLED OUT ON THE STRUCTURAL DRAWINGS WILL RESIST FORCES CALLED OUT ON THE TRUSS SHOP DRAWINGS AND PROVIDE ADDITIONAL CLIPS IF REQUIRED.
 - ROOF SYSTEM DEAD LOADS: 10 PSF TOP CHORD, 10 PSF BOTT CHORD
- DURING CONSTRUCTION, PROVIDE BRACING FOR FRAMING UNTIL ALL ELEMENTS FOR EXTERIOR SHEAR WALLS AND FLOOR DIAPHRAGMS ARE IN PLACE.
- PROVIDE 1/2" ANCHOR BOLT W/ NUT & WASHER AT SILL PLATE, @ 4'-0" O.C. & 7" MIN. EMBEDMENT. PROVIDE (2) A.B. MIN. PER SILL PLATE SEGMENT W/ (1) A.B. LOCATED @ 4" MIN. & 12" MAX. FROM ENDS.

ROOF FRAMING NOTES:

- ALL UNSUPPORTED EDGES OF PLYWOOD SHEATHING SHALL BE SUPPORTED WITH SIMPSON PSCL CLIPS, PROVIDE (2) CLIPS EQUALLY SPACED BETWEEN EACH TRUSS/SUPPORT. OSB OF COMPARABLE THICKNESS MAY BE USED IN LIEU OF PLYWOOD WHEN APPROVED IN WRITING BY THE PROJECT ENGINEER AND THE LOCAL JURISDICTION.
- ALL MECHANICAL SUPPLY AND RETURN OPENINGS SHALL BE BETWEEN FRAMING U.N.O.

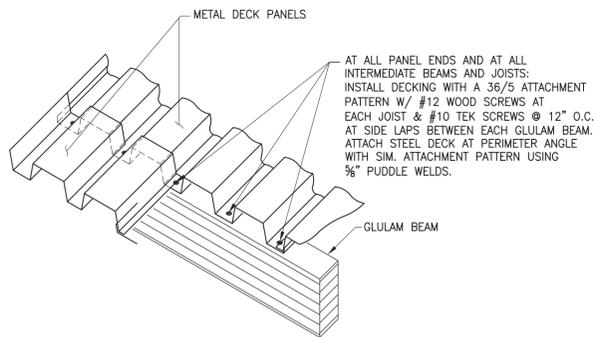
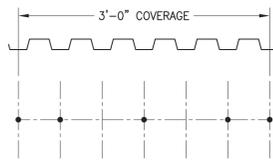
STRUCTURAL STEEL:

- STRUCTURAL STEEL MATERIALS SHALL MEET THE REQUIREMENTS OF THE FOLLOWING SPECIFICATIONS UNLESS OTHERWISE NOTED:
 - STRUCTURAL STEEL ASTM A992 GRADE 50 U.N.
 - STEEL ANGLES, CHANNELS & PLATES ASTM A36 U.N.
 - STEEL PIPES ASTM A53, GRADE B
 - STEEL TUBES (HSS) ASTM A500, GRADE C
 - HIGH STRENGTH BOLTS ASTM A325, GALVANIZED
 - NUTS ASTM A563, GALVANIZED
 - UNFINISHED BOLTS ASTM A307
 - WELDING ELECTRODES AWS CLASS E70
- THE STRUCTURAL STEEL FABRICATOR SHALL BE RESPONSIBLE FOR THE DESIGN OF ALL CONNECTIONS NOT DETAILED HEREIN. SHOP DRAWINGS SHALL BE FULLY APPROVED BY THE STRUCTURAL ENGINEER PRIOR TO FABRICATION. DESIGN OF SPECIAL CONNECTIONS BETWEEN STEEL FRAMING COMPONENTS BY OTHER THAN THE PROJECT STRUCTURAL ENGINEER-OF-RECORD SHALL BE PERFORMED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF PROJECT. CONNECTION DESIGN INCLUDING BUT NOT LIMITED TO BRACE END CONNECTIONS, MOMENT-RESISTING CONNECTIONS, MODIFIED BEAM SEAT CONNECTIONS, AND MEMBER SPLICE CONNECTIONS. INDICATE DESIGN FORCES AND REACTIONS FOR EACH APPLICABLE CONNECTION.
- SHOP CONNECTIONS MAY BE WELDED OR BOLTED.
- FIELD CONNECTIONS SHALL BE BOLTED USING HIGH STRENGTH BOLTS EXCEPT WHERE FIELD WELDING IS SHOWN ON THE DRAWINGS.
- BOLTED CONNECTIONS SHALL BE BEARING TYPE WITH THREADS INCLUDED IN THE SHEAR PLANE AND SHALL BE ASSEMBLED AND INSPECTED IN ACCORDANCE WITH RCSC-2009, "SPECIFICATIONS FOR STRUCTURAL JOINTS USING ASTM A325 OR ASTM A490 BOLTS".
- HIGH STRENGTH BOLTS SHALL BE 3/4" DIAMETER MINIMUM UNLESS OTHERWISE NOTED.
- THE STRUCTURAL STEEL FRAME SHALL BE BRACED IN TWO DIRECTIONS DURING CONSTRUCTION, INCLUDING HORIZONTAL BRACING AT CONCRETE FLOORS, UNTIL ALL FINAL CONNECTIONS HAVE BEEN MADE AND CONCRETE IS PLACED AND CURED.
- ALL STRUCTURAL WELDED JOINTS SHALL CONFORM TO THE PROVISIONS OF AWS D1.1, STRUCTURAL WELDING CODE BY AMERICAN WELDING SOCIETY.
- PROOF OF WELDER CERTIFICATIONS SHALL BE AVAILABLE AT THE JOB SITE DURING TIMES OF INSPECTION.
- ALL EXTERIOR AND EXPOSED STEEL SHALL BE EPOXY COATED, GALVANIZED, OR OTHERWISE PROTECTED AGAINST CORROSION AND EXPOSURE EFFECTS. COORDINATE W/ ARCH. FOR FINISH.

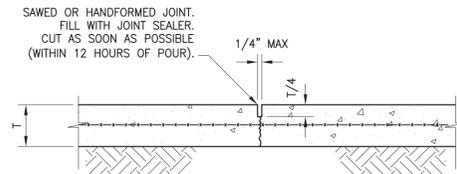


- SEE MASONRY NOTES FOR TYPICAL WALL REINFORCEMENT & END WALL REINFORCEMENT.
- (1) #5 VERT. BAR CONT. FROM SUPPORT AT EACH SIDE OF EVERY OPENING.
- (2) #5 HORIZ. (BOTTOM) IN 8" BOND BEAM AT THE TOP AND BOTTOM OF ALL OPENINGS, EXTEND 24" MIN. PAST OPENINGS
- (2) #5 HORIZ. (BOTTOM) IN 8" BOND BEAM AT THE TOP OF WALLS
- LADDER-MESH CONSISTING OF (2) W1.7 @ 16" O.C. VERT.
- GROUT ALL CELLS W/REBAR SOLID.

B
S-0.1
TYP. CMU WALL OPENINGS
SCALE: 1"=1'-0"



A
S-0.1
ROOF DECK ATTACHMENT DETAIL
SCALE: 1"=1'-0"

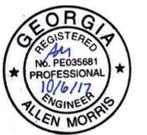


B
S-0.1
CONTROL JOINT FOR SLAB ON GRADE
SCALE: 1"=1'-0"



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seal



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project title
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TOWN GREEN RESTROOM
& PAVILIONS**

for
**CITY OF PEACHTREE
CORNERS**
310 TECHNOLOGY PARKWAY
PEACHTREE CORNERS, GA 30092

drawing information

project number: 16102
contact: ALLEN MORRIS
drawn by: DEJAN MILJENOVIC
checked by: MATT SMITH

drawing date
MARCH 28, 2018

sheet title

GENERAL NOTES

sheet number

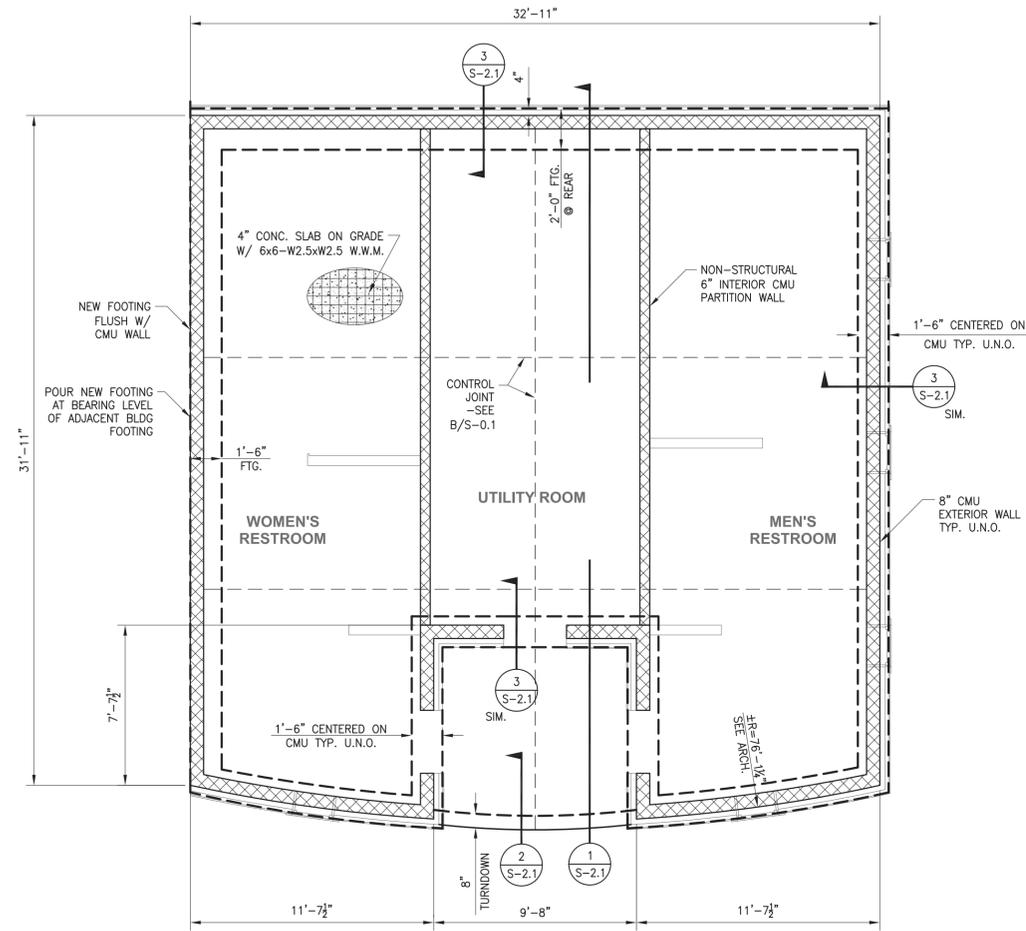
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RELEASED FOR CONSTRUCTION

S-0.1

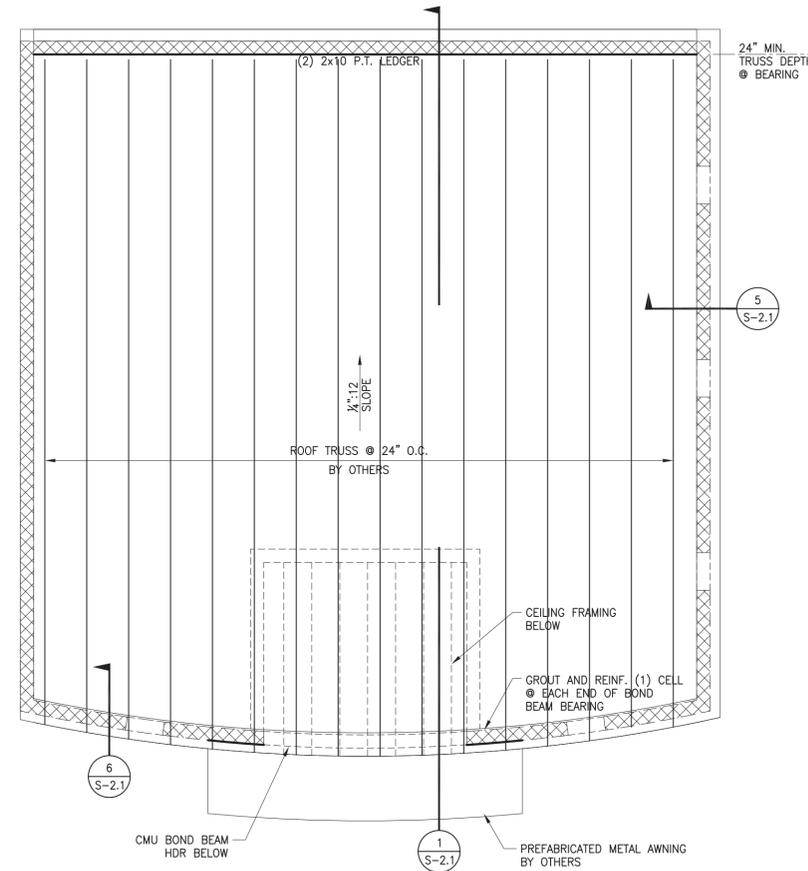
LEGEND	
	CMU WALL

seal



FOUNDATION PLAN
 SCALE: 1/4"=1'-0"

- NOTES:
- FOR GENERAL NOTES, SEE S-0.0.
 - DIMS SHOWN TO F/CMU.
 - SEE ARCH. FOR EXACT WALL LOCATIONS, DIMENSIONS, AND OTHER INFORMATION NOT SHOWN.



ROOF FRAMING PLAN
 SCALE: 1/4"=1'-0"

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 & PAVILIONS**

for
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 CORNERS**
 310 TECHNOLOGY PARKWAY
 PEACHTREE CORNERS, GA 30092

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project number: 16102
 contact: ALLEN MORRIS
 drawn by: DEJAN MILJENOVIC
 checked by: MATT SMITH

drawing date
MARCH 28, 2018

sheet title
**FOUNDATION AND
 ROOF FRAMING PLAN**
 sheet number

MECHANICAL NOTES:

GENERAL:

1. "VERIFY" SHALL MEAN CHECK CONDITIONS ON SITE AGAINST DRAWINGS AND SPECIFICATION AND ADJUST WORK TO MATCH EXISTING. OBTAIN RULING FROM OWNER ON ANY ITEMS REQUIRING CLARIFICATION
2. PROVIDE A COMPLETE FUNCTIONAL HVAC SYSTEM WITH ALL ACCESSORIES REQUIRED FOR PROPER OPERATION ALL IN ACCORDANCE WITH THE APPLICABLE STATE AND LOCAL AUTHORITY CODES, LAWS & ORDINANCES AND STATE AND LOCAL AUTHORITY ACCESSIBILITY LAWS AND ORDINANCES.
3. THE SYSTEMS SHALL BE FREE FROM ANY OBJECTIONABLE NOISES AND VIBRATIONS.
4. ALL MECHANICAL WORK & EQUIPMENT SHALL CONFORM TO THE CURRENT REQUIREMENTS OF ALL AUTHORITIES HAVING JURISDICTION. MECHANICAL WORK SHALL COMPLY WITH THE CURRENT EDITION OF THE INTERNATIONAL MECHANICAL CODE, STATE & LOCAL AMENDMENTS, NFPA-54, NFPA-90A, SMACNA & ASHRAE GUIDELINES.
5. CONTRACTOR SHALL SECURE ALL PERMITS, INSPECTION CERTIFICATES, AUTHORITY APPROVALS AND PAY ALL RELATED FEES AND CHARGES.
6. ALL NEW MECHANICAL EQUIPMENT AND SYSTEMS SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR AFTER ACCEPTANCE BY THE OWNER. COMPRESSORS SHALL HAVE AN EXTENDED 4 YEAR COMPRESSOR (ONLY) WARRANTY.
7. THE CONTRACTOR SHALL CONFIRM AND ENSURE THAT ALL MECHANICAL WORK CONFORMS TO THE CURRENT REQUIREMENTS OF THE LOCAL BUILDING INSPECTION DEPARTMENT.
8. ALL MECHANICAL EQUIPMENT AND MATERIALS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S WRITTEN INSTRUCTIONS AND RECOMMENDATIONS.
9. THE CONTRACTOR SHALL PREPARE DUCT CONSTRUCTION SHOP DRAWINGS, TO SCALE, (MIN. SCALE 1/4" =1 FT). SUBMIT TO THE OWNER FOR REVIEW PRIOR TO FABRICATION AND INSTALLATION. DUCT SHOP DRAWINGS SHALL BE UPDATED, DURING CONSTRUCTION, TO SHOW ANY CHANGES MADE DURING CONSTRUCTION AND SUBMITTED TO THE OWNER AT THE END OF THE PROJECT FOR "AS-BUILT" RECORD.
10. THE MECHANICAL (SUB)CONTRACTOR SHALL COORDINATE THE SPACE REQUIREMENTS FOR ALL MECHANICAL EQUIPMENT AND DUCTWORK WITH THE GENERAL CONTRACTOR. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR ORDERING AND FABRICATION OF STRUCTURAL ELEMENTS, INCLUDING ROOF TRUSSES, TO SUIT THE PROPOSED ROUTING OF THE DUCTWORK AND LOCATION OF EQUIPMENT. PROVIDE ADEQUATE CLEARANCES AROUND, AND ACCESS TO, ALL EQUIPMENT FOR MAINTENANCE.
11. WALL, FLOOR OR CEILING SURFACES DISTURBED DURING THE COURSE OF THE MECHANICAL WORK SHALL BE REPAIRED TO MATCH NEW &/OR EXISTING SURROUNDING CONDITIONS.
12. REFER TO ARCHITECT'S REFLECTED CEILING PLANS FOR LOCATION OF LIGHTS AND OTHER CEILING MOUNTED DEVICES. COORDINATE AIR DISTRIBUTION DEVICES WITH THIS REFLECTED CEILING PLAN.
13. COORDINATE THE INSTALLATION OF THE DUCTWORK, EQUIPMENT, PIPING, ETC., TO FIT WITHIN THE SPACE ALLOWED BY THE ARCHITECTURAL & STRUCTURAL CONDITIONS. CUTTING OR ALTERING ANY STRUCTURAL MEMBER SHALL NOT BE PERMITTED.
14. DO NOT SCALE DRAWINGS. THE CONTRACTOR SHALL VERIFY ALL SIZES, MATERIALS, TEMPERATURES AND PRESSURES BEFORE ORDERING OR FABRICATION OF ANY MATERIALS.
15. WHERE DUCT OR PIPE SECTION SIZE IS NOT INDICATED, IT SHALL BE THE SAME SIZE AS THE LAST SIZED UPSTREAM SECTION.
16. PIPING, CONDUITS, CABLES, ETC. SHALL BE RUN NEATLY, PARALLEL TO PIPING AND TO BUILDING (WALLS, FLOOR).
17. THE SCHEDULED "BASIS OF DESIGN" IS INTENDED TO INDICATE THE PERFORMANCE REQUIRED FOR THE PARTICULAR ITEM OF EQUIPMENT. SUBSTITUTIONS WILL BE PERMITTED. SUBSTITUTIONS SHALL BE DEEMED TO INCLUDE ALL ASSOCIATED CHANGES TO BUILDING, STRUCTURE & OTHER SERVICES WITHOUT ANY ADDITIONAL COST TO THE OWNER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THAT SUBSTITUTIONS SHALL FIT INTO THE SPACE AVAILABLE WITH PROVISIONS FOR PROPER ACCESS, MAINTENANCE, PARTS REPLACEMENT, WEIGHT ALLOWANCE & FOR COORDINATION WITH OTHER TRADES (INCLUDING ELECTRICAL, PLUMBING, STRUCTURAL AND ARCHITECTURAL).
18. MANUFACTURER CATALOG SHOP DRAWINGS SUBMITTED SHALL BE MARKED TO INDICATE PROJECT SPECIFIC INFORMATION: FULL MODEL NUMBERS; IDENTIFY AND HIGHLIGHT SCHEDULED ITEM CAPACITIES; HIGHLIGHT INCLUDED OPTIONS AND EDIT OUT THOSE THAT ARE NOT PROVIDED; CLEARLY IDENTIFY DEVIATIONS FROM SPECIFIED AND SCHEDULED CAPACITIES.
19. ALL EQUIPMENT PROVIDED SHALL BE COMMERCIALY AVAILABLE PRODUCTS SPECIFICALLY MADE FOR THE APPLICATION FOR WHICH IT IS INTENDED AND SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION AND START-UP INSTRUCTIONS.
20. A TECHNICIAN, FACTORY TRAINED AND CERTIFIED BY THE MANUFACTURER OF THE HVAC EQUIPMENT PROVIDED SHALL PERFORM PRE START-UP CHECKS AND SHALL SUBMIT A REPORT TO THE OWNER ON EACH AIR HANDLING UNIT, RTU AND SPLIT SYSTEM. THIS REPORT SHALL INCLUDE CERTIFICATION, IN WRITING, THAT EQUIPMENT IS CORRECTLY INSTALLED, INCLUDING PROPER DRAINAGE FROM DRAIN PANS AND SEALING OF ALL AIR LEAKS. ELECTRICAL CONNECTIONS AND TERMINALS TIGHTNESS, INDOOR FILTER ARE CLEAN, IN PLACE AND EASILY REPLACEABLE, FANS AND COMPRESSORS ROTATE CORRECTLY. ELECTRICAL AMP DRAWS SHALL BE RECORDED AND CERTIFIED WITHIN MANUFACTURERS RECOMMENDED LIMITS, REFRIGERANT SUCTION AND DISCHARGE PRESSURES FOR ALL CIRCUITS WITH STATEMENT THAT SYSTEMS ARE CORRECTLY CHARGED.

ELECTRICAL/CONTROLS:

21. THE CONTRACTOR SHALL VERIFY THE ELECTRICAL SUPPLY VOLTAGES AND PHASES ON THE ELECTRICAL PLANS AND ON SITE BEFORE ORDERING ANY ELECTRICALLY OPERATED EQUIPMENT. ALL MECHANICAL EQUIPMENT REQUIRING ELECTRICAL POWER SHALL BE PROVIDED & INSTALLED WITH SUITABLY PROTECTED AND RATED DISCONNECT SWITCHES.
22. MOUNT THERMOSTATS AS INDICATED ON PLANS 48" A.F.F. UNLESS OTHERWISE NOTED OR AS REQUIRED FOR ACCESSIBILITY CODE COMPLIANCE. COORDINATE LOCATION OF THERMOSTATS WITH CABINETRY AND OTHER SERVICES. THE THERMOSTATS SHALL NOT BE INSTALLED ON OUTSIDE WALLS, IN THE DIRECT AIR STREAM FROM ANY DIFFUSER OR WHERE IT MAY BE INFLUENCED BY HEAT GIVEN OFF FROM EQUIPMENT.
23. ALL CONTROL WIRING & TRANSFORMERS SHALL BE SUPPLIED UNDER THE MECHANICAL CONTRACT. ALL MECHANICAL CONTROLS SHALL BE SUPPLIED BY THE MECHANICAL CONTRACTOR.

DUCTWORK:

24. TRANSFER AND EXHAUST AIR DUCTWORK SHALL BE GALVANIZED SHEET METAL, FABRICATED AND INSTALLED PER THE LATEST ISSUE OF THE SMACNA DUCT HVAC DUCT CONSTRUCTION STANDARDS, METAL AND FLEXIBLE, CURRENT EDITION. SEAL ALL SUPPLY AIR DUCT JOINTS TO SMACNA SEAL CLASS "A". DUCT LEAKAGE SHALL NOT EXCEED 1 PERCENT OF THE SPECIFIED AIR FLOWS WHEN TESTED AT 1" WG.
25. SEAL ALL LONGITUDINAL & TRANSVERSE SEAMS ON ALL DUCTWORK WITH UL 181A OR 181B TAPES AND MASTICS.
26. ALL ROUND DUCTWORK SHALL COMPLY WITH THE STANDARD GAUGE AS LISTED BELOW:

DIAMETER	SPIRAL PIPE LONG SEAM PIPE	FITTINGS
3" - 14"	28	26
27. DUCT SIZES SHOWN ARE INSIDE CLEAR DIMENSIONS.
28. ALL DUCTWORK, AND EQUIPMENT SHALL BE SUPPORTED INDEPENDENTLY FROM STRUCTURAL MEMBERS. PROVIDE ADDITIONAL SUPPORT MEMBERS WHERE REQUIRED TO ACHIEVE SMACNA RECOMMENDED SUPPORT SPACING.
29. DUCTWORK SHALL BE RIGID SHEETMETAL EXCEPT FOR 8 FOOT MAXIMUM FLEXIBLE DUCTS AT AIR GRILLES.
30. WHERE FLEXIBLE DUCT IS CONNECTED TO CEILING DIFFUSERS, THE CONTRACTOR SHALL USE ONE OF THESE THREE METHODS:
 - A. INSULATED FLEXIBLE DUCT WITH TITUS FLEXRIGHT FLEXIBLE DUCT SUPPORT, UL LISTED, TO FORM DUCT ELBOW.
 - B. A SHEET METAL ELBOW, EXTERNALLY INSULATED.
 - C. INSULATED FLEXIBLE METAL DUCT CONSISTING OF FLEXIBLE METAL CORE OF CORRUGATED ALUMINUM WITH EXTERNAL INSULATION. IN ALL CASES DUCT CONNECTION/ELBOW SHALL BE MADE WITH A BEND THAT HAS NOT LESS THAN ONE DUCT DIAMETER CENTERLINE REDIAL.
31. TRANSITION RECTANGULAR DUCTWORK ON THE BOTTOM AND THE SIDES. MAINTAIN DUCTWORK LEVEL AND AS HIGH AS POSSIBLE UNLESS NOTED OTHERWISE.
32. THE FINISH ON GRILLES, ETC., SHALL BE APPROVED BY THE ARCHITECT.
33. CHANGES IN ELEVATION, ACCESS DOORS AND TRANSITIONS IN DUCT SIZES ARE, OR MAY NOT, ALL BE SHOWN ON THE DRAWINGS. DUCT CROSS-OVERS IMPLY CHANGES IN ELEVATION IN ONE OR BOTH DUCTS; TRANSITIONS IN DUCT SIZE AND SHAPE ARE IMPLIED BY SIZES SHOWN ON DRAWINGS. BIDDERS SHALL MAKE ALLOWANCE FOR THESE IN THEIR PRICE.

34. TRANSFORM DUCT SIZE SHOWN TO SUIT EQUIPMENT CONNECTION SIZE AT CONNECTIONS TO EQUIPMENT.
35. ALL DUCTWORK CONNECTED TO FAN OR VIBRATING EQUIPMENT SHALL BE FITTED WITH FLEXIBLE CANVASS CONNECTION, WHICH WILL PROVIDE MINIMUM 1" SPACE BETWEEN THE EQUIPMENT & THE DUCTWORK. FLEXIBLE CANVASS CONNECTORS SHALL BE SECURED IN PLACE WITH IRON BANDS WITH ROLL LOCK SEAM, & SHALL BE AIR LEAK TIGHT.
36. EXHAUST DUCT SHALL NOT BE INSULATED.
37. FLEXIBLE DUCT BE UL LISTED, CLASSIFIED AS A CLASS 1 AIR DUCT, TESTED UNDER UL STANDARD 181 AND MEET LOCAL CODE REQUIREMENTS. FLEXIBLE SUPPLY DUCTS SHALL HAVE FACTORY INSTALLED FIBER GLASS INSULATION AND A FIRE RETARDANT VAPOR BARRIER JACKET WITH A PERM RATING OF NOT OVER 0.1, A MINIMUM "R" VALUE OF 6, AND WHICH COMPLY WITH NFPA STANDARD 90A.
38. THE CONTRACTOR SHALL PROVIDE ALL FRAMING REQUIRED FOR THE INSTALLATION OF CEILING TRANSFER & EXHAUST AIR GRILLES TO SUIT THE CONSTRUCTION.
39. ROOF CURBS, RAILS AND PENETRATIONS: ALL ROOF PENETRATIONS SHALL BE WATERPROOF AND GUARANTEED FREE FROM LEAKS FOR ONE YEAR. USE CURBS AND RAILS MANUFACTURED BY THE MANUFACTURER OF THE EQUIPMENT PROVIDED OR BY PATE, CUSTOM CURBS OR APPROVED EQUAL. INSTALL ROOF MOUNTED AIR HOODS AND EQUIPMENT CURBS AND RAILS IN ACCORDANCE WITH THE EQUIPMENT MANUFACTURERS' INSTRUCTIONS AND THE "GUIDELINES FOR ROOF MOUNTED OUTDOOR AIR-CONDITIONER INSTALLATIONS" AS PREPARED BY ARI, SMACNA AND THE NATIONAL ROOFING CONTRACTORS ASSOCIATION., AUGUST 1985. THE CURBS FOR THE ROOF MOUNTED EQUIPMENT SHALL BE SELECTED BY THE MANUFACTURER OF THE CURB TO SUIT THE TYPE OF ROOF AND STRUCTURE AND SHALL BE FABRICATED TO MATCH THE FOOTPRINTS AND INSTALLATION REQUIREMENTS OF THE EQUIPMENT PROVIDED. ALL ROOFING WORK SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS, AND TO THE APPROVAL, OF THE MANUFACTURER OF THE BUILDING AND ROOFING SYSTEMS PROVIDED.
40. PRIOR TO FINAL CONNECTION TO EQUIPMENT, BRANCH DUCTS, DIFFUSERS, ETC. ALL OPENINGS IN DUCTWORK SHALL BE SEALED TO PREVENT DIRT, DUST, DEBRIS FROM ENTERING THE AIR DISTRIBUTION SYSTEM.

PIPING:

41. REFRIGERANT PIPING SHALL BE HARD-DRAWN TYPE K SEAMLESS COPPER TUBING, ASTM B88-74. FITTINGS SHALL BE WROUGHT, ANSI B16-22-63, COPPER WITH A WORKING PRESSURE OF NOT LESS THAN 300 PSIG. REFRIGERANT PIPING SHALL BE SIZED AND INSTALLED IN ACCORDANCE WITH THE EQUIPMENT MANUFACTURERS RECOMMENDATIONS. CONTRACTOR SHALL PROVIDE WRITTEN CERTIFICATION FORM EQUIPMENT MANUFACTURER AS TO THE CORRECTNESS OF THE LINE SIZES.
42. INSULATE ALL SUCTION LINES AND FITTINGS WITH PRE-FORMED ARMAFLEX AP INSULATION, 1" THICK. USE ARMAFLEX 520 ADHESIVE ON ALL JOINTS. ALL INSULATION MATERIALS SHALL HAVE A FLAME SPREAD RATING OF 25 OR LESS, SMOKE DEVELOPED RATING OF 50 OR LESS WHEN TESTED PER ASTM E 84 & THERMAL CONDUCTIVITY OF NO GREATER THAN 0.27 (BTU*IN)/(HR*FT²* F) PER ASTM C
43. CONDENSATE DRAIN PIPING AND FITTINGS SHALL BE PVC. THE CONDENSATE DRAIN SHALL BE THE SAME SIZE AS THE UNIT DRAIN CONNECTION BUT SHALL NOT BE LESS THAN 3/4" DIAMETER PIPE.
44. ENSURE PROPER CONDENSATE REMOVAL FROM ALL AIR HANDLING UNIT DRAINS. INSTALL WITHOUT ANY SAGGING TO ENSURE COMPLETE DRAINAGE. SLOPE CONDENSATE DRAIN PIPING MIN. 1/8" PER FOOT TOWARD EXTERIOR OF BUILDING. DISCHARGE ONTO SPLASH BLOCK.

MISCELLANEOUS:

45. ELECTRIC HEATERS: ELECTRIC HEATERS SHALL HAVE THERMAL CUTOUPS FOR PRIMARY AND SECONDARY OVER-TEMPERATURE PROTECTION SHALL BE PROVIDED TO MEET UL AND NEC SAFETY REQUIREMENTS. INTEGRAL SAFETY CONTROLS SHALL BE FURNISHED BY THE MANUFACTURER.

OWNERS MANUAL:

46. FOUR COPIES OF AN OWNERS MANUAL SHALL BE FORWARDED TO THE OWNER WITHIN 90 DAYS AFTER THE DATE OF SYSTEM ACCEPTABLE. OWNERS MANUAL SHALL INCLUDE AS MINIMUM:
 - a. DATA STATING EQUIPMENT SIZE AND ALL INSTALLED OPTIONS FOR EACH ITEM OF MECHANICAL EQUIPMENT PROVIDED.
 - b. COPIES OF THE INSTALLATION & PERFORMANCE REPORT BY THE REPRESENTATIVE OF THE ROOF TOP UNITS PROVIDED.
 - c. COPIES OF THE TEST & BALANCE REPORT. NOTATIONS OF CORRECTIVE ACTION SHALL BE INCLUDED.
 - d. COPIES OF THE MECHANICAL SUBCONTRACTOR'S FIRST YEAR INSTALLATION AND EQUIPMENT WARRANTIES. NOTATION SHALL BE INCLUDED TO SHOW THE EXPIRATION OF THE FIRST YEAR PARTS & LABOR GUARANTEE, & OF THE EXTENDED 4-YEAR COMPRESSOR (ONLY) WARRANTY.
 - e. OPERATION AND MAINTENANCE MANUALS FOR EACH ITEM OF EQUIPMENT REQUIRING MAINTENANCE, EXCEPT FOR EQUIPMENT NOT FURNISHED AS PART OF THE PROJECT. REQUIRED ROUTINE MAINTENANCE ACTIONS SHALL BE CLEARLY IDENTIFIED.
 - f. NAMES AND ADDRESS OF AT LEAST ONE SERVICE AGENCY.
 - g. HVAC CONTROLS SYSTEMS MAINTENANCE AND CALIBRATION INFORMATION, INCLUDING WIRING DIAGRAMS, SCHEMATICS AND CONTROL SEQUENCE DIAGRAM. DESIRED OR FIELD DETERMINED SET POINTS SHALL BE PERMANENTLY RECORDED ON CONTROL DRAWINGS AT CONTROL DEVICES OR FOR DIGITAL CONTROL SYSTEMS, IN THE PROGRAMMING COMMENTS.

TEST AND BALANCE:

47. THE CONTRACTOR SHALL OBTAIN THE SERVICES OF AN INDEPENDENT TEST, ADJUSTMENT AND BALANCE (TAB) AND COMMISSIONING AGENCY TO TEST, ADJUST, BALANCE AND COMMISSION:
 - A. EACH EXHAUST SYSTEM,
48. TESTING AND BALANCING OF AIR DISTRIBUTION SYSTEMS SHALL BE PERFORMED, AT MINIMUM, IN ACCORDANCE WITH AABC NATIONAL STANDARDS, CURRENT EDITION. TEST AND BALANCE SHALL INCLUDE ALL EQUIPMENT AND DISTRIBUTION SYSTEMS AND SHALL BE REPORTED, AS A MINIMUM, ON FORMS AS PUBLISHED BY THE AABC, NEBB EQUIVALENT OR OTHER APPROVED EQUAL.
49. THE AGENCY SHALL UNLESS APPROVED OTHERWISE BY THE OWNER, BE AN AABC OR NEBB MEMBER AND THE TAB WORK SHALL BE DONE BY AN AABC OR NEBB CERTIFIED TEST AND BALANCE TECHNICIAN AND COMMISSIONING AGENT.
50. INSTRUMENTS USED FOR TESTING AND BALANCING SHALL HAVE BEEN CALIBRATED WITHIN A PERIOD OF SIX MONTHS OF THE TIME OF THE TESTING AND BALANCING AND SUCH INSTRUMENTS SHALL BE CHECKED FOR ACCURACY PRIOR TO START OF WORK. SUBMIT VERIFICATION OF CERTIFICATION TO THE OWNER.
51. FOUR COPIES OF THE COMPLETE TEST REPORT SHALL BE SUBMITTED TO THE OWNER PRIOR TO FINAL INSPECTION OF THE PROJECT.
52. THE TAB REPORT SHALL INCLUDE A LIST OF ALL DEFICIENCIES FOUND DURING THE PRELIMINARY TESTING AND A CONTRACTOR RESPONSE INDICATING REMEDIAL ACTION TAKEN FOR EACH ITEM. THE TAB WORK SHALL NOT BE DEEMED DONE WITHOUT THIS REPORT.

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5140 TOWN CENTER BLVD
PEACHTREE CORNERS, GA 30092

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project title

PEACHTREE CORNERS
TOWN GREEN RESTROOM
& PAVILIONS

for
CITY OF PEACHTREE
CORNERS

310 TECHNOLOGY PARKWAY

PEACHTREE CORNERS, GA 30092

drawing information

project number: 16102

contact: TB

drawn by: TB

checked by: MRM

drawing date

MARCH 28, 2018

sheet title

MECHANICAL NOTES,
LEGEND & ABBREVIATIONS

sheet number



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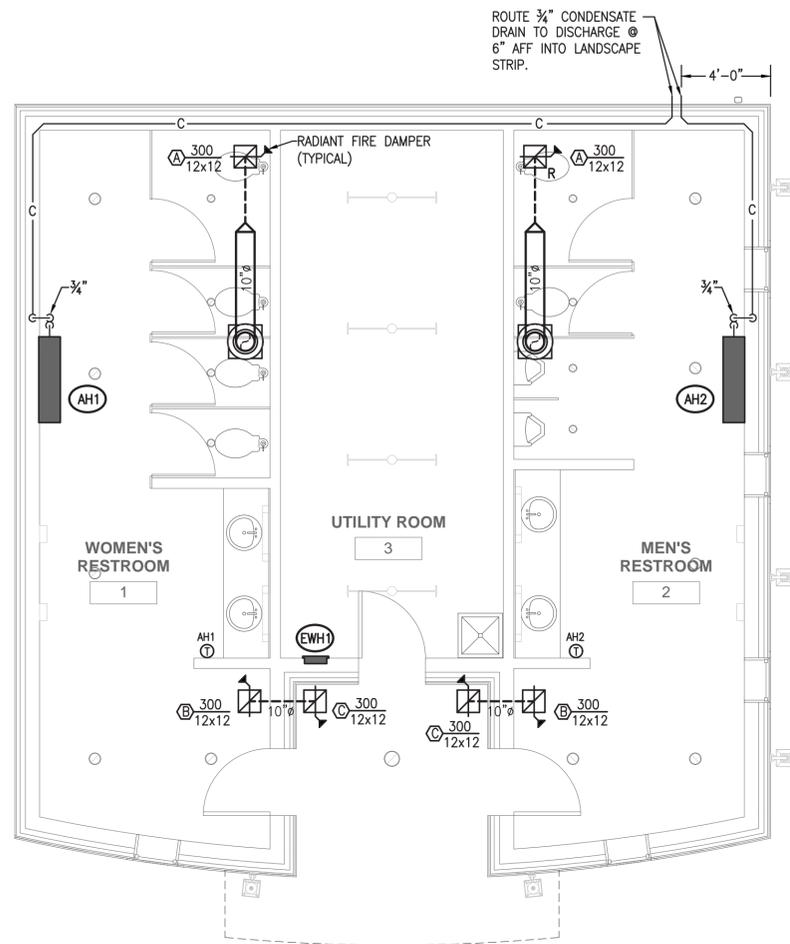
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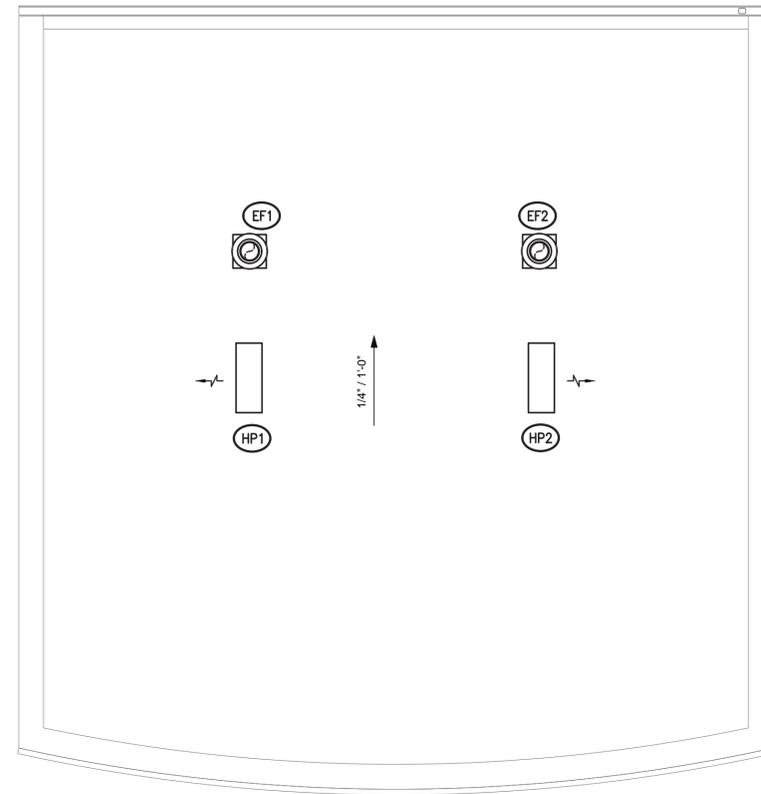
seal



2/16/18



MECHANICAL PLAN:
SCALE: 1/4" = 1'-0"



MECHANICAL ROOF PLAN:
SCALE: 1/4" = 1'-0"

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DUCTLESS SPLIT SYSTEM (HEAT PUMP) SCHEDULE

MARK	REFRIGERANT	CFM	SEER	COOLING RANGE BTUH	HSFP	HEATING • 17 F BTUH	VOLTS/PH/HZ	MCA	MOCp	INDOOR UNIT	OUTDOOR UNIT	NOTES
AH1/HP1	R-410A	700	17.0	12,000-24,000	10.8	18,000	208/1/60	18	25	PKA-A24HA4	PUZ-A24NHA4	1,2
AH2/HP2	R-410A	700	17.0	12,000-24,000	10.8	18,000	208/1/60	18	25	PKA-A24HA4	PUZ-A24NHA4	1,2

NOTES:
 1. PROVIDE WITH THERMOSTAT, CONDENSATE PUMP & LOW AMBIENT KIT.
 2. MAXIMUM REFRIGERANT LINE LENGTH OF 98'.
SELECTIONS ARE BASED ON PRODUCTS BY MITSUBISHI
EQUAL PRODUCTS: CARRIER, FRIEDRICH & TRANE

ELECTRIC HEATER SCHEDULE

MARK	KW	VOLTS/PH/HZ	AMPS	MODEL	NOTES
EW1	2.0	208/1/60	9.6	3420 SERIES	1,2

NOTES:
 1. PROVIDE WITH CIRCUIT BREAKER & BUILT-IN THERMOSTAT
 2. PROVIDE WITH 2" SEMI-RECESSING MOUNTING SLEEVE.
SELECTIONS ARE BASED ON PRODUCTS BY: MARKEL
EQUAL MANUFACTURERS: QMARK, RAYWALL

EXHAUST FAN SCHEDULE

TAG	FAN CFM	SERVICE	ESP	DRIVE	SONES	HP	VOLTS/PH/HZ	MODEL	NOTES
EF1	300	WOMEN 1	.375"	DIRECT	5.7	1/8	115/1/60	ACED-100	1,2,3
EF2	300	MEN 2	.375"	DIRECT	5.7	1/8	115/1/60	ACED-100	1,2,3

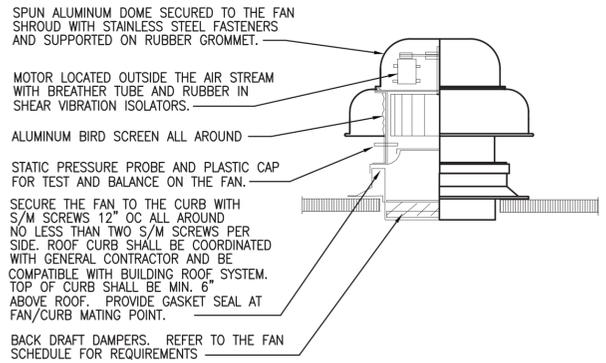
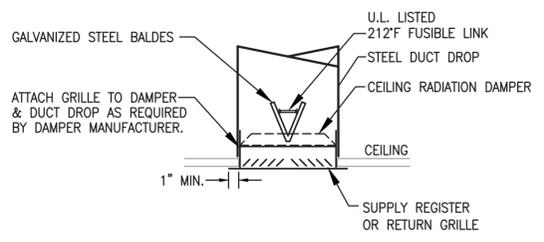
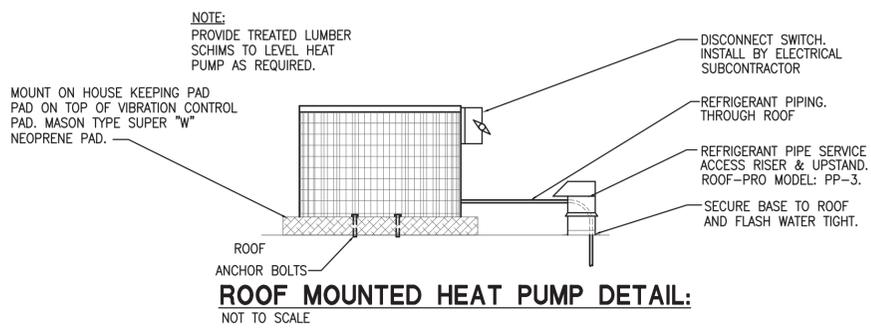
NOTES:
 1. PROVIDE WITH BACKDRAFT DAMPER, ROOF CURB, HINGED SUB-BASE, INSECT SCREEN & UNIT MOUNTED DISCONNECT SWITCH.
 2. INTERLOCK WITH TOILET ROOM LIGHTS.
SELECTIONS ARE BASED ON PRODUCTS BY LOREN COOK
EQUAL PRODUCTS: ACME, GREENHECK, PENN

GRILLE & DIFFUSER SCHEDULE

TAG	FUNCTION	FACE SIZE/	TYPE	MVD	MODEL	NOTES
A	EXHAUST	12x12	EGGCRATE	NO	50F	A,B,E
B	TRANSFER	12x12	EGGCRATE	NO	50F	A,B,E
C	TRANSFER	12x12	CEILING MOUNTED GRILLE	NO	350FL	A,B,C,D,E

NOTES:
 A. VERIFY FRAME TYPE WITH ARCH REFLECTED CEILING PLAN.
 B. VERIFY FINISH WITH ARCHITECT.
 C. 3/4" BLADE SPACING, 35° FIXED DEFLECTION, BLADES PARALLEL WITH THE LONG DIMENSION.
 D. ALL ALUMINUM. PROVIDE WITH INSECT SCREEN
 E. PROVIDE WITH RADIANT FIRE DAMPERS

SELECTIONS ARE BASED ON PRODUCTS BY TITUS
EQUAL PRODUCTS: METAL-AIRE, NAILOR, KRUEGER, PRICE



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ELECTRICAL SPECIFICATIONS & NOTES:

- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE 2017 NATIONAL ELECTRICAL CODE (NFPA 70), AS MODIFIED BY THE STATE, COUNTY, CITY AND/OR OTHER LOCAL CODES. THE SERVICE AND METERING SHALL COMPLY WITH THE REQUIREMENTS OF THE ELECTRICAL UTILITY. PRIOR TO DISTURBING THE SOIL, CONTACT THE UNDERGROUND UTILITY LOCATION SERVICE TO LOCATE AND FLAG ALL EXISTING UNDERGROUND PIPING, COMMUNICATION AND ELECTRICAL DISTRIBUTION CABLES/CONDUIT.
- THE CONTRACTOR SHALL PROVIDE ALL MATERIAL, LABOR, AND EQUIPMENT NECESSARY TO FURNISH A COMPLETE AND OPERABLE ELECTRICAL SYSTEM. ALL WORK SHALL BE PERFORMED IN A NEAT AND PROFESSIONAL MANNER.
- THE CONTRACTOR SHALL VERIFY THE FOLLOWING ITEMS WITH THE ELECTRICAL UTILITY AND THE OWNER AND REPORT ANY DISCREPANCY TO THE ARCHITECT PRIOR TO THE START OF WORK:
 - LOCATION, SIZE, NUMBER AND TYPE OF SERVICE TRANSFORMERS AND SERVICE LATERALS
 - AVAILABLE VOLTAGE, PHASE, AND CAPACITY
 - AVAILABLE FAULT CURRENT AT RATED VOLTAGE.
 - METERING EQUIPMENT
 - THAT THE REQUIRED NUMBER OF SERVICE CONDUCTORS SHOWN CAN BE CONNECTED TO THE TRANSFORMER LUGS
 - WORK REQUIRED BY THE CONTRACTOR, IF ANY, TO MEET THE NEEDS AND/OR REQUIREMENTS OF THE UTILITY COMPANY FOR THIS PROJECT.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AND PAYING THE COST FOR ALL NECESSARY TEMPORARY ELECTRICAL POWER FOR CONSTRUCTION USE.
- THE CONTRACTOR SHALL OBTAIN, PURCHASE, AND MAINTAIN ALL PERMITS, AND INSPECTIONS REQUIRED BY THE GOVERNING AUTHORITIES FOR THE DURATION OF THIS PROJECT.
- THE CONTRACTOR SHALL COORDINATE ALL ELECTRICAL REQUIREMENTS, AND MAKE ALL FINAL CONNECTIONS, TO EQUIPMENT FURNISHED BY OTHER TRADES. THE CONTRACTOR SHALL GUARANTEE ALL MATERIALS, EQUIPMENT, AND WORKMANSHIP FOR A PERIOD OF ONE YEAR AFTER FINAL ACCEPTANCE OF THE COMPLETED PROJECT.
- PANELBOARDS AND OTHER ELECTRICAL EQUIPMENT SHALL BE INSTALLED AS SHOWN ON THE PLANS, UNLESS NOTED OTHERWISE. MOUNT ALL WALL-MOUNTED, SURFACE TYPE, GROUPED ELECTRICAL EQUIPMENT ON 3/4" THICK EXTERIOR GRADE PLYWOOD, PAINTED GRAY, OR CONCRETE BLOCK WALLS, WHERE APPROVED BY THE STRUCTURAL ENGINEER. VERIFY THE DEPTH OF RECESSED PANELS AND WALL CAVITIES, AND COORDINATE THE INSTALLATION WITH THE ARCHITECTURAL DRAWINGS, AND THE GENERAL CONTRACTOR. WORKING CLEARANCES SHALL BE 36" (FOR 208 VOLT SYSTEM) MINIMUM, AND WIDTH OF EQUIPMENT OR 30" MINIMUM, WHICHEVER IS GREATER, WIDE, PER NEC ARTICLE 110.26.
- THE CONTRACTOR SHALL VERIFY AND COORDINATE WITH OTHER TRADES THE INSTALLATION OF ALL OVERCURRENT DEVICES COMPLY WITH NEC 240.24. THE CONTRACTOR SHALL TAKE THE PROPER ACTION AS REQUIRED TO COMPLY WITH THIS REQUIREMENT.
- THE CONTRACTOR SHALL COORDINATE THE WIDTH, DEPTH, HEIGHT, DOOR SWINGS, AND NEC ARTICLE 110.26 CLEARANCES FOR ALL PANELS, TRANSFORMERS, STARTERS, AND SAFETY SWITCHES TO INSURE THAT ALL EQUIPMENT FITS WITHIN THE SPACE ALLOWED.
- IDENTIFY PANELBOARDS, SAFETY SWITCHES, STARTERS, CONTROLS, AND OTHER ELECTRICAL EQUIPMENT WITH ENGRAVED PLASTIC NAMEPLATES HAVING CONTRASTING 1/4" HIGH (OR LARGER) LETTERS, WITH NAMES TO MATCH THE SCHEDULES OR OTHER DRAWING REFERENCES. TYPEWRITTEN PANEL DIRECTORIES SHALL BE PROVIDED IN ALL PANELBOARDS IN ACCORDANCE w/ NEC 408.4(A), AND SHALL REFLECT AS-BUILT CONDITIONS. ALSO, LABEL ALL PANELBOARDS IN ACCORDANCE w/ NEC 110.24(A) AND 408.4(B).
- ALL WIRING, CONSISTING OF INDIVIDUAL CONDUCTORS, SHALL BE INSTALLED IN CONDUIT, EXCEPT WHERE SPECIFICALLY SHOWN ON THE DRAWINGS. ALL EXTERIOR CONDUITS AND EXPOSED CONDUITS SHALL BE RIGID GALVANIZED STEEL, OR INTERMEDIATE METAL CONDUIT, BUT THEY SHALL NOT BE MIXED ON THIS PROJECT. WHERE USED INDOORS MAY BE EMT. CONCEALED CIRCUITS MAY BE RUN IN EMT OR BE TYPE MC CABLE (BX). IN FINISHED AREAS WITH CAVITY TYPE WALL CONSTRUCTION, ALL CONDUIT SHALL BE CONCEALED, UNLESS NOTED OTHERWISE. IN FINISHED AREAS WITH NON-CAVITY TYPE WALL CONSTRUCTION, SURFACE MOUNTED GRS, IMC, OR EMT SHALL BE USED. ALL EMPTY CONDUITS SHALL BE PROVIDED WITH A NYLON PULL CORD RATED FOR 200 POUND TENSION. ANY OF THE FOLLOWING TYPES OF RACEWAYS MAY BE USED, SUBJECT TO THE NEC AND THE ADDITIONAL RESTRICTIONS LISTED, IF ANY.
 - CONCEALED:
 - GRS, OR IMC.
 - EMT, COMPRESSION, OR SET SCREW FITTINGS, BUT NOT BOTH TYPES.
 - PVC, SCHEDULE 40, SCHEDULE 80 WHERE INDICATED ON THE DRAWINGS. UNDERGROUND ONLY.
 - TYPE MC CABLE, ONLY ABOVE ACCESSIBLE CEILINGS, IN WALL CAVITIES, AND ADDITIONAL USAGES AS APPROVED BY AUTHORITY HAVING JURISDICTION, AND OWNER.
 - EXPOSED:
 - GRS, OR IMC.
 - EMT, COMPRESSION, OR SET SCREW FITTINGS, ONLY WHERE USED INDOORS AND NOT SUBJECT TO PHYSICAL DAMAGE.
 - FLEXIBLE METAL CONDUIT.
 - LIQUIDTIGHT FLEXIBLE METAL CONDUIT. OUTSIDE AND WHERE MOISTURE IS PRESENT.
- PROVIDE EXPANSION FITTINGS IN ALL RIGID RACEWAYS CROSSING STRUCTURAL EXPANSION JOINTS. FURNISH AND INSTALL ALL SUPPORTS REQUIRED FOR CONDUIT, MATERIALS, DEVICES, EQUIPMENT AND THE LIKE, WHERE THE BUILDING STRUCTURE IS NOT ADAPTED OR SUITABLE FOR MOUNTING SAME DIRECTLY THEREON. RACEWAYS SHALL NOT BE USED AS SUPPORTS FOR BOXES OR OTHER ELECTRICAL EQUIPMENT. PLENUM CABLE SUPPORT BRACKETS SHALL BE OPEN ON ONE SIDE, AND CABLES SHALL BE ATTACHED WITH PLASTIC CABLE TIES. ALL RACEWAY PENETRATIONS THROUGH FIREWALLS, SHALL BE SEALED WITH UL LISTED SEALING COMPOUNDS TO MAINTAIN THE FIRE RATING OF THE WALL. ALL RACEWAYS/SLEEVES PASSING THROUGH AREAS OF DIFFERENT TEMPERATURES, I.E. FROM INSIDE TO OUTSIDE OF BUILDINGS AND CONNECTIONS TO REFRIGERATED EQUIPMENT, SHALL BE SEALED WITH AN APPROVED PUTTY OR DUCT-SEAL TO PREVENT THE CIRCULATION OF WARM AIR TO A COLDER SECTION OF THE RACEWAY OR SLEEVE. ALL RACEWAY PENETRATIONS THROUGH EXTERIOR AND INTERIOR WALLS AND FLOORS SHALL BE PROPERLY SEALED.
- THE CONTRACTOR SHALL COORDINATE THE INSTALLATION OF RACEWAY SYSTEMS AND ROUGHING-IN FOR ALL LOW VOLTAGE (LV) EQUIPMENT [COMPUTER, DATA, SECURITY, POINT-OF-SALE (POS), MUSIC, PAGING, INTERCOM, FIRE DETECTION, TV, AND TELEPHONE] WITH THE OWNER AND EQUIPMENT SUPPLIER(S) PRIOR TO THE INSTALLATION OF CONDUITS, JUNCTION BOXES, WIRING DEVICES, AND WIRING. ALL EMPTY CONDUITS SHALL BE PROVIDED WITH A NYLON PULL CORD.
- ALL WIREWAYS, PULL BOXES, DEVICE BOXES, AND JUNCTION BOXES SHALL BE SIZED PER IJC, NEMA, AND THE NATIONAL ELECTRICAL CODE. ALL WIRING WITHIN BOXES AND WIREWAYS SHALL BE TAGGED WITH PANEL AND CIRCUIT NUMBERS.
- WENTY AMP BRANCH CIRCUITS MAY BE SHOWN WITH EITHER SINGLE CIRCUIT, OR THREE CIRCUIT HOME RUNS. THREE CIRCUIT HOME RUNS SHARE A COMMON NEUTRAL, UNLESS NOTED OTHERWISE AND GROUND IN A SINGLE CONDUIT. THE CONTRACTOR MAY ELECT TO COMBINE SINGLE CIRCUIT HOME RUNS TO MAKE THREE

- CIRCUIT HOME RUNS, OR TO CHANGE THREE CIRCUIT HOME RUNS TO SINGLE CIRCUIT HOME RUNS.
- PROVIDE SEPARATE GREEN, INSULATED GROUND WIRE IN ALL RACEWAYS.
- REFER TO SINGLE LINE DIAGRAM, THE GROUNDING ELECTRODE SYSTEM SHALL HAVE A FULL SIZE SERVICE GROUNDING ELECTRODE CONDUCTOR TO THE BUILDING STEEL (IF AVAILABLE), A METALLIC COLD WATER PIPE (IF AVAILABLE) AHEAD OF THE WATER METER AND WITHIN 5' OF ITS ENTRANCE INTO THE BUILDING, THEN A 4 AWG (MIN.) CONNECTED TO TWO, 3/4" BY TEN FOOT COPPERCLAD STEEL GROUND RODS, AND THEN A 4 AWG (MIN.) CONNECTED TO A 1/2" DIAMETER (MIN.) BY 20' REBAR IN THE FLOOR SLAB OR FOUNDATION (IF AVAILABLE/ACCESSIBLE), ALL PER NEC ARTICLE 250.66, UNLESS NOTED OTHERWISE.
- ALL WIRING SHALL BE 600 VOLT, COPPER, STRANDED, WITH TYPE XHHW OR THHN/THWN INSULATION. MINIMUM SIZE FOR POWER AND LIGHTING CIRCUITS SHALL BE 12 AWG. SIZES 10 AWG AND SMALLER SHALL BE SOLID. PROVIDE AN EQUIPMENT GROUND WIRE IN ALL RACEWAYS, AND CABLE ASSEMBLIES. SIZE EQUIPMENT GROUNDS PER TABLE 250.122 OF THE NATIONAL ELECTRICAL CODE.
- CONDUCTOR COLOR CODES SHALL MATCH EXISTING SYSTEM ELSEWHERE IN THE BUILDING.

USE CONDUCTORS #8 AND SMALLER WITH COLOR FACTORY-APPLIED THE ENTIRE LENGTH OF THE CONDUCTORS. COLOR CODING FOR THE LARGER SIZES MAY BE ACCOMPLISHED BY USING COLORED, 1 INCH WIDE, PRESSURE-SENSITIVE PLASTIC TAPE IN HALF-LAPPED TURN FOR A DISTANCE OF 6 INCHES FROM TERMINAL POINTS. APPLY THE LAST TWO LAPS OF TAPE WITH NO TENSION TO PREVENT POSSIBLE UNWINDING.

- ALL ELECTRICAL EQUIPMENT SHALL BE LISTED BY UNDERWRITERS LABORATORIES (OR OTHER INDEPENDENT NATIONALLY RECOGNIZED TESTING AGENCY, WHERE APPLICABLE), AND SHALL BE RATED FOR THE MAXIMUM AVAILABLE VOLTAGE AND AVAILABLE FAULT CURRENT FOR THIS PROJECT.
- ALL DEVICE BOXES SHALL BE INSTALLED FLUSH, AND CONDUITS RUN CONCEALED IN FINISHED AREAS, EXCEPT AS SPECIFICALLY SHOWN OR NOTED OTHERWISE. VERIFY ALL DOOR SWINGS BEFORE INSTALLING SWITCH BOXES. SEE ARCHITECTURAL DRAWINGS FOR CABINET WORK, WALL SECTIONS, ELEVATIONS, AND OTHER DETAILS AFFECTING THE MOUNTING HEIGHT AND LOCATION OF OUTLET BOXES.
- WIRING DEVICES: DUPLEX RECEPTACLES SHALL BE 20A, 125 VOLTS, CONSTRUCTION SERIES, HEAVY DUTY, SPECIFICATION GRADE, BACK AND SIDE WIRED, WITH GROUNDING TERMINAL AND SHALL BE IVORY UNLESS NOTED OTHERWISE, HUBBELL CR5362I OR APPROVED EQUAL, CONTINGENT UPON FULL COMPLIANCE WITH ALL CRITERIA. ISOLATED GROUND DUPLEX RECEPTACLES SHALL BE 20A, 125 VOLTS, HUBBELL IG5362I OR APPROVED EQUAL, CONTINGENT UPON FULL COMPLIANCE WITH ALL CRITERIA. AC TOGGLE SWITCHES SHALL BE 20A, 120-277 VOLTS, CONSTRUCTION SERIES, HEAVY DUTY, SPECIFICATION GRADE, BACK AND SIDE WIRED, WITH GROUNDING TERMINAL AND SHALL BE IVORY UNLESS NOTED OTHERWISE, HUBBELL CS1221I, THREE WAY, HUBBELL CS1223I, CONTINGENT UPON FULL COMPLIANCE WITH ALL CRITERIA. GROUND FAULT CIRCUIT INTERRUPTER DUPLEX RECEPTACLES SHALL BE 20A, 125 VOLTS, COMMERCIAL SPECIFICATION GRADE, HUBBELL GF5352I OR APPROVED EQUAL, CONTINGENT UPON FULL COMPLIANCE WITH ALL CRITERIA. GROUND FAULT CIRCUIT INTERRUPTER DUPLEX RECEPTACLES SHALL NOT BE THE FEED THROUGH TYPE, BUT STAND ALONE GROUND FAULT CIRCUIT INTERRUPTER DUPLEX RECEPTACLES. INTERIOR EXPOSED DEVICE PLATES, IN ALL LOCATIONS WHERE SPECIFIED AND/OR THE KITCHEN SHALL BE TYPE 302/304 STAINLESS STEEL. ALL OTHER INTERIOR PLATES SHALL BE NYLON, STANDARD SIZE, AND GANGED FOR MULTIPLE DEVICES AT A SINGLE LOCATION. VERIFY THE DECOR THEME WITH THE ARCHITECT AND COORDINATE COLOR AS REQUIRED. WHERE USED OUTDOORS THE OUTLET COVERS FOR 15 OR 20A, 125 OR 250V DEVICES SHALL BE "WEATHERPROOF WHILE IN USE", HUBBELL WP26MH OR APPROVED EQUAL, CONTINGENT UPON FULL COMPLIANCE WITH ALL CRITERIA.
- ALL WALL OUTLETS THAT ARE SHOWN BACK TO BACK, IN FIRE RATED WALLS, SHALL BE INSTALLED WITH A MINIMUM OF 24" OF HORIZONTAL SEPARATION (TWO STUDS) PER NEC ARTICLE 300.21, AND UL REQUIREMENTS. IN WALL SPACES WHERE THE 24" SEPARATION IS NOT POSSIBLE, BLOCKING AND GYPSUM BOARD PROVISIONS, TO MAINTAIN THE FIRE RATING OF THE WALL, SHALL BE PROVIDED BY OTHERS, NOT BY THIS CONTRACTOR.
- OUTLETS WITHIN 6'-0" OF ANY PLUMBING FIXTURE, AND/OR WHERE INDICATED, SHALL BE 20A, 125 VOLTS, CONSTRUCTION SERIES, HEAVY DUTY, SPECIFICATION GRADE, BACK AND SIDE WIRED, WITH GROUNDING TERMINAL GROUND FAULT INTERRUPTER OUTLETS, HUBBELL GF5352I, OR APPROVED EQUAL, CONTINGENT UPON FULL COMPLIANCE WITH ALL CRITERIA.
- ALIGN ALL SIMILAR WIRING DEVICES IN THE SAME ROOM AT THE SAME HEIGHTS AND DISTANCES FROM ARCHITECTURAL FEATURES, UNLESS NOTED OTHERWISE. GANG ALL DEVICE BOXES AT THE SAME LOCATION, WHERE ALLOWED BY CODE. PROVIDE DIVIDERS TO SEPARATE LOW VOLTAGE (I.E., THERMOSTAT) DEVICES FROM POWER DEVICES (I.E., SWITCHES). ALL EXTERIOR WIRING DEVICES SHALL BE BLACK, OR GRAY, OR BROWN, UNLESS NOTED OTHERWISE.
- ALL UNIT EQUIPMENT FOR EMERGENCY LIGHTING SHALL BE CONNECTED TO BRANCH CIRCUITS FOR NORMAL LIGHTING IN THE SAME AREA, UNLESS NOTED OTHERWISE, AHEAD OF ANY LOCAL SWITCHES OR CONTACTORS PER NEC ARTICLE 700.12(F).
- LUMINAIRES INSTALLED IN INSULATED CEILINGS SHALL BE IC RATED, AND INSTALLED PER THE LUMINAIRE MANUFACTURER'S AND UL LISTING REQUIREMENTS.
- THIS PROJECT MAY UTILIZE BOTH ACCESSIBLE AND NON-ACCESSIBLE TYPE CEILINGS. REFER TO ARCHITECTURAL DRAWINGS FOR ACTUAL CEILING TYPES IN EACH AREA. LIGHTING CIRCUITS IN NON-ACCESSIBLE CEILINGS MUST UTILIZE FIXTURE-MOUNTED JUNCTION BOXES WHICH ARE USUALLY LIMITED TO EIGHT (8) WIRES IN THEIR CAPACITY. CIRCUITING FOR THE LIGHTING IS SCHEMATIC, BUT GENERALLY ATTEMPTS TO SHOW THESE CONSIDERATIONS. HOWEVER, CONTRACTOR MAY WANT TO PROVIDE SUPPLEMENTARY JUNCTION BOXES IN ACCESSIBLE AREAS, OR OVERSIZE FIXTURE BOXES TO OPTIMIZE THE WIRING.
- ELECTRICAL DRAWINGS ARE IN PART DIAGRAMMATIC. LOCATE LIGHTING FIXTURES SYMMETRICALLY OR IN PROPER RELATION TO FINISHED AREAS UNLESS OTHERWISE DIMENSIONED OR DETAILED. THE CONTRACTOR SHALL COORDINATE ALL LUMINAIRE LOCATIONS AND CLEARANCES WITH THE DUCTWORK, THE REFLECTED CEILING PLAN, HVAC PLAN, AND OTHER DRAWINGS TO AVOID CONFLICTS.
- ALL SAFETY SWITCHES SHALL BE FURNISHED BY THE CONTRACTOR, UNLESS NOTED OTHERWISE AND SHALL NOT BE MOUNTED ON ACCESS PANELS OF EQUIPMENT. SAFETY SWITCHES SHALL BE GENERAL ELECTRIC, SQUARE D, CUTLER-HAMMER, SIEMENS ENERGY & AUTOMATION, OR APPROVED EQUAL, CONTINGENT UPON FULL COMPLIANCE WITH ALL CRITERIA, AND SHALL BE FUSED AND/OR NOT FUSED AS INDICATED. 240 VOLT, THREE POLE, HEAVY DUTY, IN A NEMA 3R ENCLOSURE FOR OUTDOOR USE OR WHERE MOISTURE IS PRESENT, AND NEMA 1 ENCLOSURE FOR INDOOR USE. UNLESS NOTED OTHERWISE, ALL FUSES SHALL BE NON-RENEWABLE, DUAL ELEMENT, TIME DELAY, CURRENT LIMITING, CLASS J, L, RK-5, OR RK-1, WITH A 200.000 AMP AC RMS INTERRUPTING RATING, AND SHALL MEET UL STANDARD 198E.
- ALL PANELBOARDS SHALL BE CIRCUIT BREAKER TYPE, AS MANUFACTURED BY SQUARE D, EATON CORP., GENERAL ELECTRIC, OR SIEMENS ENERGY & AUTOMATION.
 - LIGHTING AND APPLIANCE PANELBOARDS SHALL BE OF PANELBOARD CONSTRUCTION, 20 INCHES WIDE (MINIMUM), 5-3/4" TO 6-1/2" DEEP, UL LISTED, AND MEET UL 67, UL 50, UL CLASS CTL, AND FEDERAL SPECIFICATION W-P-115B AS TYPE 1, CLASS 1, WITH FULLY RATED, BOLT-ON CIRCUIT BREAKERS, COPPER OR TIN-PLATED ALUMINUM BUS BARS, NEUTRAL BUS, GROUND BUS, AND A HINGED LOCKABLE DOOR.

PROVIDE THE NUMBER OF SPACES AND SPARE CIRCUIT BREAKERS AS SHOWN IN THE

- PANELBOARD SCHEDULES.
- THE BRANCH CIRCUITS SHALL BE PHASE ADJUSTED TO PROVIDE APPROXIMATE BALANCED LOADING ON EACH PANEL, AND THE SERVICE.
- SUBSTITUTIONS:
 - ALL COSTS INCURRED BY THE ACCEPTANCE OF SUBSTITUTIONS SHALL BE BORNE BY THE CONTRACTOR. THE ONUS SHALL BE ON THE CONTRACTOR TO PROVE THAT THE SUBSTITUTIONS ARE EQUAL TO THE BASIS OF DESIGN SPECIFIED.
- MAINTAIN AS-BUILT DRAWINGS, UPDATED DAILY DURING CONSTRUCTION, AND PRESENT THE OWNER, WITHIN 30 DAYS AFTER THE DATE OF SYSTEM ACCEPTANCE, WITH TWO SETS OF AS-BUILT DRAWINGS. PROVIDE THE OWNER'S PERSONNEL WITH ON-SITE INSTRUCTION IN THE OPERATION AND MAINTENANCE OF THE COMPLETED ELECTRICAL SYSTEM PRIOR TO SYSTEM ACCEPTANCE.
- MOUNT OUTLET BOXES, ABOVE ACCESSIBLE CEILINGS FOR RECESSED LUMINAIRES, ON THE BOTTOM OF BAR JOISTS, WOOD JOISTS, OR BEAMS, AND ROUTE FOUR TO SIX FOOT (4' TO 6'), TYPE MC CABLE WHIPS TO EACH FIXTURE, AS REQUIRED. COORDINATE THE LOCATIONS OF OUTLET/JUNCTION BOXES WITH THE HVAC CONTRACTOR AND OTHER TRADES TO AVOID INTERFERENCE WITH THE INSTALLATION OF DUCT WORK.
- WHERE RECESSED, OUTLET BOXES ARE INDICATED LOCATED IN FIRE RATED CEILINGS, COORDINATE THE LOCATIONS OF OUTLETS WITH THE ARCHITECTURAL REFLECTED CEILING PLAN, CEILING FINISH PLAN, HVAC CONTRACTOR AND OTHER TRADES TO AVOID INTERFERENCE WITH THE INSTALLATION OF DUCT WORK. PROVIDE FIRE RATED ENCLOSURES LOCATED OVER THE OUTLET TO MAINTAIN THE SPECIFIED FIRE RATING OF THE CEILING.
- VERIFY THE AMPACITY REQUIREMENTS (FLA, MCA, AND MOCAP), POLES (1, 2, OR 3), AND VOLTAGE FOR ALL EQUIPMENT FURNISHED BY OTHERS WITH THE FURNISHING CONTRACTOR OR VENDOR PRIOR TO THE PURCHASE AND INSTALLATION OF THE SAFETY SWITCHES, RACEWAYS, WIRING, AND BRANCH CIRCUIT BREAKERS.
- TEST: UPON COMPLETION OF THE WORK, PERFORM A TEST OF THE INDIVIDUAL SYSTEMS INCLUDING FEEDERS, BRANCHES, OUTLETS, LIGHTING, MOTOR APPARATUS AND APPLIANCES, TO ASSURE COMPLIANCE WITH THESE SPECIFICATIONS AND DRAWINGS. A LETTER WITH ALL PERTINENT TEST DATA RESULTS SHALL BE SUBMITTED TO THE ARCHITECT AT LEAST FIVE(5) DAYS PRIOR TO THE COMPLETION OF THE PROJECT. THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL INSTRUMENTS, LABOR, AND MATERIALS FOR ANY ESSENTIAL INTERMEDIATE AND FINAL TESTS TO PROVIDE COMPLIANCE WITH THESE SPECIFICATIONS

GENERAL ELECTRICAL NOTES:

- CONTRACTOR SHALL PROVIDE ALL INTERCONNECTIONS AS REQUIRED FOR INSTALLATION OF BAR & PRODUCTION EQUIPMENT. VERIFY WITH ALL EQUIPMENT SUPPLIER(S) ALL VOLTAGES, PHASE, AMPACITY OF EQUIPMENT, OUTLET OR CONNECTION REQUIREMENTS, & ACTUAL LOCATION, PRIOR TO ROUGH-IN OF POWER.
- ELECTRICAL CONTRACTOR SHALL PROVIDE CONDUCTORS, BREAKERS, CONDUIT, NEMA PLUG TYPES, POWER WHIPS, SHUNT TRIP DEVICES, ETC. AS REQUIRED, TO INSTALL ACTUAL EQUIPMENT SUPPLIED.
- ELECTRICAL DRAWINGS ARE SCHEMATIC IN NATURE TO SHOW INTENT.
- ELECTRICAL CONTRACTOR SHALL PROVIDE ALL ELECTRICAL COMPONENTS AS REQUIRED TO PROVIDE FULLY FUNCTIONAL ELECTRICAL SYSTEM.
- ALL 120V RECEPTACLES IN THE BAR & KITCHEN AREAS SHALL BE GFI TYPE.
- ELECTRICAL CONTRACTOR SHALL COORDINATE WORK WITH MECHANICAL, VENDOR LAYOUT, ARCHITECTURAL, AND PLUMBING DRAWINGS.

NOTE:

IF THE CONTRACTOR ELECTS TO PROVIDE AND/OR INSTALL ELECTRICAL SYSTEMS, INCLUDING LOW VOLTAGE SYSTEMS, AND EQUIPMENT FOR THIS PROJECT, DIFFERENTLY FROM THESE CONTRACT DOCUMENTS, WHICH REQUIRES AN APPROVAL LETTER OR DRAWING REVISIONS FROM MARSHALL & BOLLWERK ENGINEERING, INC.(M&B), TO THE AUTHORITY HAVING JURISDICTION, THERE WILL BE A MINIMUM FEE OF \$1,000.00, MADE PAYABLE TO MARSHALL & BOLLWERK, IN ADVANCE BY THE CONTRACTOR. ACTUAL FEE WILL DEPEND ON THE COMPLEXITY OF THE DEVIATION. ALLOW MINIMUM OF TEN(10) WORKING DAYS FOR LETTER AND/OR REVISED DRAWINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL NECESSARY INFORMATION BEFORE ANY EVALUATION WILL BE STARTED.

SHOP DRAWING SUBMITTAL NOTE:

THE SHOP DRAWING SUBMITTAL SHALL INCLUDE AS A MINIMUM THE FOLLOWING:

- A TABLE OF CONTENTS OF ALL ITEMS INCLUDED IN THE SUBMITTAL. THIS SHALL BE SUB-DIVIDED BY CATEGORY OF DEVICES / EQUIPMENT.
- A LETTER, ON THE CONTRACTORS LETTERHEAD, WITH STATEMENTS ANY OF DEVIATIONS FROM THE DESIGN DOCUMENTS WITH EXPLANATIONS & SKETCHES AS NEEDED.
- A LETTER FROM THE UTILITY ON THEIR LETTERHEAD STATING THE AVAILABLE FAULT CURRENT AT THE SECONDARY OF THE UTILITY TRANSFORMER.
- HIGH-LIGHTED SUPPORTING DATA TO INDICATE COMPLIANCE WITH THE DESIGN DOCUMENTS.

THE SUBMITTALS SHALL NOT INCLUDE "TERM & CONDITIONS", INSTALLATION INSTRUCTIONS, OR ANY EXTRANEOUS INFORMATION THAT DOES NOT SHOW COMPLIANCE WITH THE SPECIFICATIONS. (THIS INFORMATION MAY BE SUBMITTED AS A SEPARATE DOCUMENT.)

ALL ITEMS REQUIRING SUBMITTALS SHALL BE SUBMITTED IN ONE COMPLETE DOCUMENT PER DISCIPLINE.

ELECTRICAL SYMBOL LEGEND

- Ⓢ TOGGLE SWITCH – SINGLE POLE
- Ⓢ SWITCH – DIMMER RATED FOR LIGHT SOURCE TO BE CONTROLLED
- Ⓢ OCCUPANCY SENSOR CONTROLLED WALL SWITCH
- Ⓢ MOTOR RATED TOGGLE SWITCH – SIZE TO MATCH LOAD CONTROLLED
- Ⓢ DUPLEX RECEPTACLE – MOUNTING HEIGHT 18" A.F.F., UON
- Ⓢ DUPLEX RECEPTACLE – MOUNTED AT 42" AFF OR 6" ABOVE COUNTER, UON. (GFI = GROUND FAULT CIRCUIT INTERRUPTER)
- Ⓢ CEILING MOUNTED DUPLEX RECEPTACLE
- Ⓢ SPECIAL OUTLET – MATCH TO EQUIPMENT PROVIDED
- Ⓢ JUNCTION OR OUTLET BOX: CEILING MOUNTED.
- Ⓢ JUNCTION OR OUTLET BOX: WALL MOUNTED 18" A.F.F., UON.
- Ⓢ DISCONNECT SWITCH SIZE AS NOTED. FWE = "FURNISHED WITH EQUIPMENT", NF = "NON-FUSED"
- Ⓢ TV OUTLET – JUNCTION BOX
- Ⓢ TELEPHONE / DATA OUTLET – JUNCTION BOX w/ 1-1/4" CONDUIT TO ACCESSIBLE DRY LOCATION ABOVE FINISHED CEILING HEIGHT
- Ⓢ ELECTRICAL KEYED NOTES.
- Ⓢ CONDUIT RUN CONCEALED IN WALLS OR CEILING SPACES. ARROWS INDICATE HOMERUNS. SUBSCRIPT INDICATES PANEL AND CIRCUIT NUMBERS. EQUIPMENT GROUNDING CONDUCTOR REQUIRED IN ALL CONDUITS.
- Ⓢ CONDUIT RUN CONCEALED UNDER FLOOR OR BELOW GRADE
- Ⓢ CONDUIT RUN EXPOSED
- Ⓢ MOTOR – HORSEPOWER INDICATED: F = FRACTIONAL
- Ⓢ PANELBOARD – SURFACE MOUNTED

ABBREVIATIONS

- A.F.F. ABOVE FINISHED FLOOR.
- A.F.C. ABOVE FINISHED CEILING.
- A.H.J. AUTHORITY HAVING JURISDICTION
- F.B.C. FURNISHED BY CONTRACTOR.
- G.F.I. GROUND FAULT INTERRUPTING
- I.G. ISOLATED GROUND
- R.T.U. ROOF TOP UNIT
- T.B.D. TO BE DETERMINED
- U.O.N. UNLESS OTHERWISE NOTED
- WP WEATHERPROOF

LOW VOLTAGE NOTE:

ALL LOW VOLTAGE SYSTEMS FOR THIS PROJECT SHALL BE PROVIDED AS "DESIGN BUILD" UNDER A SEPARATE CONTRACTS. THESE INCLUDE BUT ARE NOT LIMITED TO THE FOLLOWING SYSTEMS:

- FIRE ALARM SYSTEM
- ACCESS CONTROL SYSTEM
- VIDEO SURVEILLANCE
- SECURITY ALARM
- TELEPHONE
- INTERCOM
- SOUND SYSTEMS

WIRING SIZE CHART

CONTRACTOR SHALL PROVIDE WIRING FOR 120 V., 15 & 20 A. CIRCUITS (LINE TO NEUTRAL) OF SIZES BELOW DEPENDING UPON CIRCUIT LENGTH BELOW:

< 100 FT	#12 AWG (CU)
100-160 FT	#10 AWG (CU)
160-250 FT	#8 AWG (CU)

WHERE #8 AWG CONDUCTORS ARE REQUIRED USE #8 FOR ALL TRAVELERS AND SPLICE w/ #10 IN A CODE SIZED JUNCTION BOX WITHIN 10' OF DEVICE &/OR BREAKER FOR FINAL CONNECTIONS.

OTHER THAN AS NOTED ABOVE THE ENTIRE LENGTH OF FEEDER SHALL BE THE SAME CONDUCTOR SIZE.



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project title

PEACHTREE CORNERS
TOWN GREEN RESTROOM
& PAVILIONS

for

CITY OF PEACHTREE
CORNERS

310 TECHNOLOGY PARKWAY

PEACHTREE CORNERS, GA 30092

drawing information

project number: 16102

contact: TB

drawn by: JMJ

checked by: JMJ

drawing date

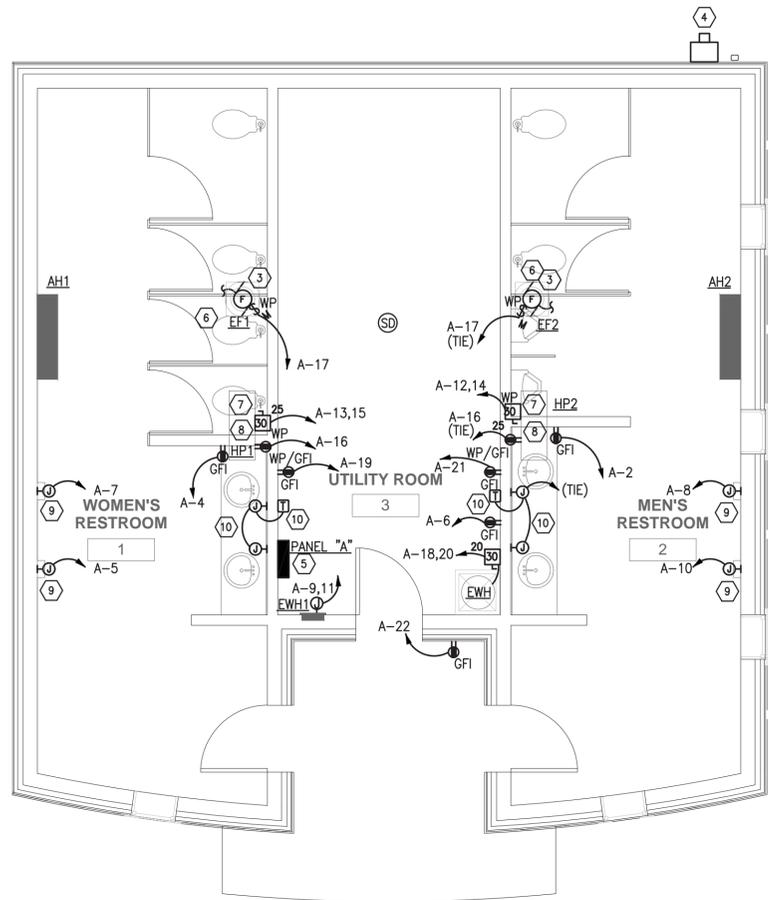
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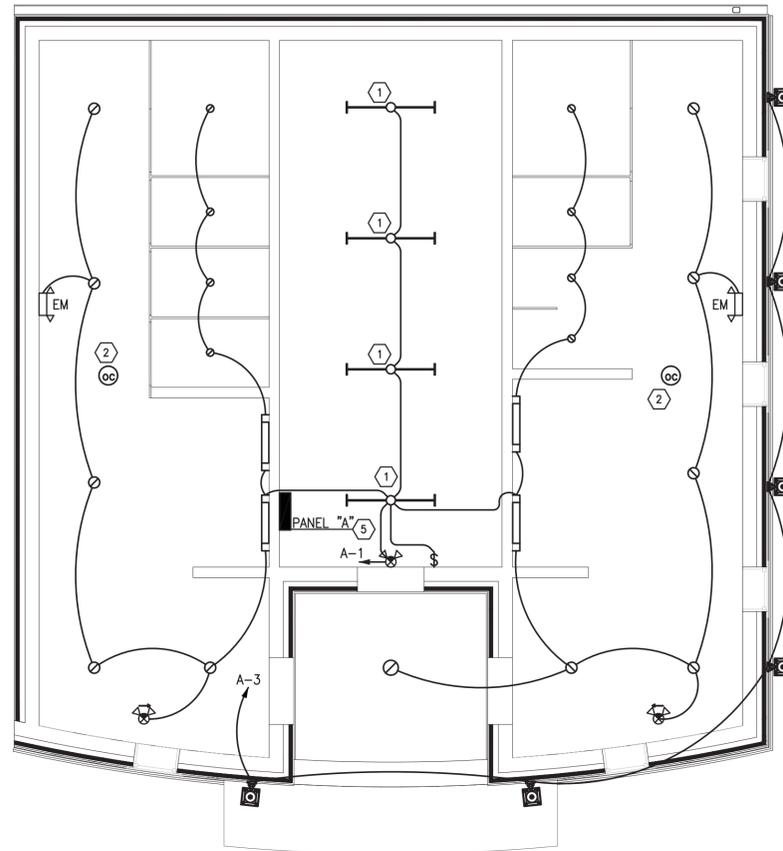
Electrical Specifications
& Notes, Legend, and
Abbreviations

sheet number

RE1.0



FLOOR PLAN - POWER
SCALE: 1/4" = 1'-0"



FLOOR PLAN - LIGHTING
SCALE: 1/4" = 1'-0"

LIGHTING LEGEND		FIXTURE HEIGHT	MANUFACTURER/ MODEL#	LAMP TYPE/ WATTAGE
SYMBOL	DESCRIPTION			
⊙	4" SURFACE MOUNTED LED CAN FIXTURE	CEILING MOUNTED	COOPER LIGHTING HALO - SLD405830	(1) 12.2W LED
⊙	6" SURFACE LED DOWNLIGHT FIXTURE	CEILING MOUNTED	COOPER LIGHTING HALO - SLD60830	(1) 12.2W LED
⊙	9" ROUND LED FLUSH MOUNT FIXTURE	CEILING MOUNTED	COOPER LIGHTING METALUX AP SERIES - FM9WR30R	(1) 12.2W LED
▭	3'-0" WALL MOUNTED LED FIXTURE	WALL MOUNTED	COOPER LIGHTING AMETRIX - AC-SL-A-1-LED-35K-UNV-W-RC3-3	30.7W LED
— —	4'-0" LED SUSPENDED MOUNTED STRIP FIXTURE	SUSPENDED MOUNTED	COOPER LIGHTING METALUX - 4WSL LD2-35-SPS-UNV-LB35	35.1W LED
⊕	COMBINATION EMERGENCY LIGHT AND EXIT SIGN	WALL MOUNTED	COOPER LIGHTING PC4-RU COMBO	(2) HEAD LED
⊕	WALL MOUNTED EMERGENCY LIGHT	WALL MOUNTED	COOPER LIGHTING SURE - LITES - CC7 SERIES	(2) HEAD MR16 12W EACH
⊕	EXTERIOR WALL SCONCE	WALL MOUNTED	SPECIFIED BY THE ARCHITECT	VERIFY w/ ARCHITECT

NOTE:

THIS LIGHTING LEGEND IS PROVIDED FOR REFERENCE ONLY. SEE ARCHITECTURAL REFLECTED CEILING PLAN FOR FINAL LIGHTING FIXTURE MODEL NUMBERS AND LAYOUT. ALL LIGHTING FIXTURES ARE SPECIFIED BY THE ARCHITECT UNLESS SPECIFICALLY NOTED ON THESE PLANS.

KEYED NOTES:

- ① PROVIDE JUNCTION BOX MOUNTED TO THE STRUCTURE AND ROUTE 14/2 w/ GROUND TYPE SO CABLE FROM JUNCTION BOX TO LIGHT FIXTURE. PROVIDE A STRESS RELIEF MOUNTING DEVICE ANCHORED TO THE STRUCTURE TO SUPPORT THE CABLE & LIGHT FIXTURE.
- ② PROVIDE AN OCCUPANCY SENSOR CEILING MOUNTED IN THIS ROOM TO CONTROL THE LIGHT LEVEL OF THE LED FIXTURES TO COMPLY WITH THE CURRENT IECC. THE LIGHTING SHALL BE DIMMED TO 20% OF LIGHT OUTPUT WHEN UN-OCCUPIED AND SWITCH TO FULL OUTPUT UPON SENSING AN OCCUPANT. THE SENSOR(S) AND CONTROLS SHALL BE SPECIFIED BY LIGHT FIXTURE VENDOR FOR EACH ROOM.
- ③ CONNECT TO LIGHTING CIRCUIT, SEE EXHAUST FAN SCHEDULE ON M3.0.
- ④ COORDINATE THE FINAL LOCATION OF THE UTILITY REVENUE METER w/ THE UTILITY COMPANY PRIOR TO ROUGH-IN. SEE SINGLE-LINE DIAGRAM ON SHEET E3.0 FOR ADDITIONAL INFORMATION.
- ⑤ COORDINATE IN FIELD THE FINAL LOCATION OF THE PANEL w/ OWNER AND AUTHORITY HAVING JURISDICTION PRIOR TO ROUGH-IN.
- ⑥ "EF1" AND "EF2" ARE LOCATED ON THE ROOF. COORDINATE THE EXACT LOCATION WITH THE MECHANICAL CONTRACTOR.
- ⑦ "HP1" AND "HP2" ARE LOCATED ON THE ROOF. FIELD COORDINATE THE EXACT LOCATION WITH MECHANICAL CONTRACTOR.
- ⑧ "AH1" AND "AH2" ARE FED FROM "HP1" AND "HP2". CONTRACTOR SHALL INSTALL EQUIPMENT PER MANUFACTURER'S RECOMMENDATIONS.
- ⑨ JUNCTION BOX FOR HAND DRYER.
- ⑩ TRANSFORMER, w/ CORD & PLUG, FOR CONTROL VOLTAGE TO SENSOR ACTIVATED FAUCETS. COORDINATE w/ PLUMBING CONTRACTOR FOR CONTROL POWER CONNECTION REQUIREMENTS.

GENERAL NOTES:

1. SEE ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION AND MOUNTING HEIGHTS OF LIGHT FIXTURES.
2. ELECTRICAL CONTRACTOR SHALL COORDINATE WITH MECHANICAL AND PLUMBING CONTRACTOR FOR EQUIPMENT TO BE POWER UP.

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2/16/18

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project title

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for
CITY OF PEACHTREE
CORNERS

310 TECHNOLOGY PARKWAY
PEACHTREE CORNERS, GA 30092

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drawn by: JM/J

checked by: JM/J

drawing date

MARCH 28, 2018

sheet title

Floor Plans -
Lighting & Power

sheet number



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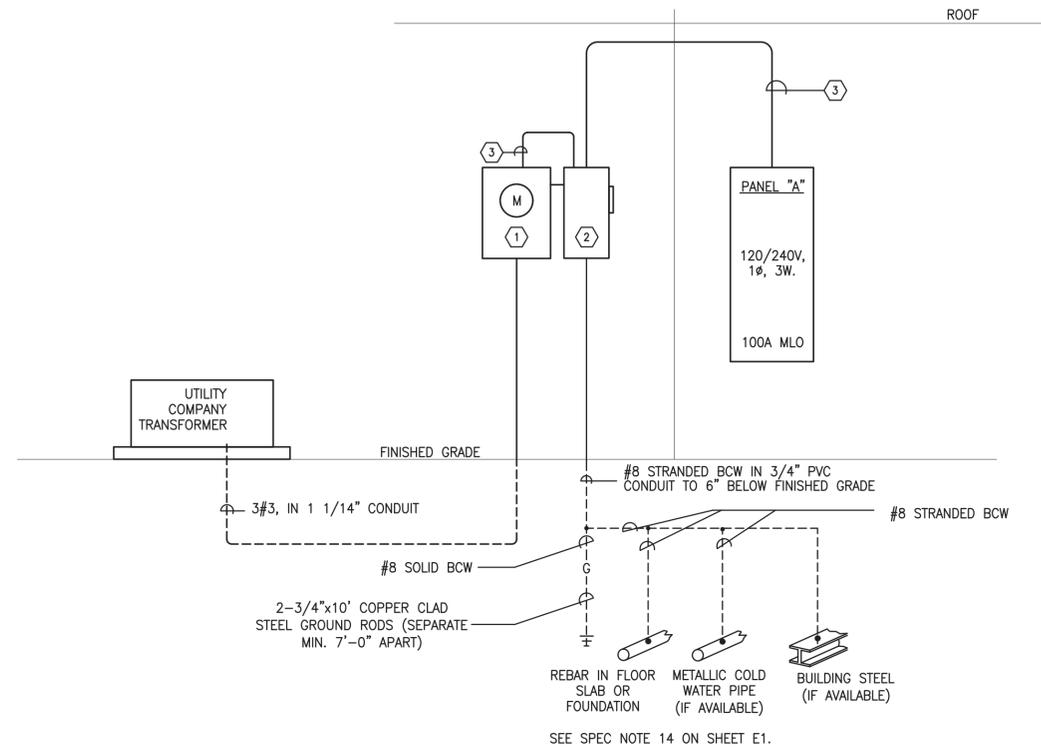
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drawing date
MARCH 28, 2018

sheet title
Electrical Panel
Schedules, Single-Line
Diagram, and Details
sheet number

RE3.0

PANEL "A"		VOLTAGE: 120/240 VAC		PHASE: 1		MOUNTING: SURFACE		
MAINS: 100A		WIRE: 3						
MLO/VCB: MLO								
BRKR	TRIP POLES	DESCRIPTION	LOAD (VA)	PHASE	LOAD (VA)	DESCRIPTION	TRIP POLES	BRKR
1	20/1	LIGHTING	360	A	180	RECEPTACLE - GFI	20/1	2
3	20/1	LIGHTING	300	B	180	RECEPTACLE - GFI	20/1	4
5	20/1	HAND DRYER	1,000	A	180	RECEPTACLE - GFI	20/1	6
7	20/1	HAND DRYER	1,000	B	1,000	HAND DRYER	20/1	8
9	20/2	ELEC. WALL HEATER	1,000	A	1,000	HAND DRYER	20/1	10
11		EW1	1,000	B	1,872			12
13			1,872	A	1,872	AH2/HP2	25/2	14
15	25/2	AH1/HP1	1,872	B	360	HVAC MAINT. RECEPTACLE	20/1	16
17	20/1	EXHUAST FANS - EF1 & EF2	400	A	1,250	WATER HEATER	20/2	18
19	20/1	PLUMBING FIXTURE	900	B	1,250			20
21	20/1	PLUMBING FIXTURE	900	A	180	RECEPTACLE - GFI	20/1	22
23	20/1	SPARE		B		SPARE	20/1	24
25	1P	SPACE		A		SPACE	1P	26
27	1P	SPACE		B		SPACE	1P	28
29	1P	SPACE		A		SPACE	1P	30
TOTAL PHASE A:			10,193			TOTAL CONNECTED:	19,926	
TOTAL PHASE B:			9,733			TOTAL DEMAND:	15,941	
AIC: 10,000								
NOTES: PROVIDE WITH EQUIPMENT GROUND BUS. # PROVIDE WITH HACR TYPE BREAKER								



SINGLE LINE DIAGRAM

SCALE: NONE

KEYED NOTES:

- (1) POWER COMPANY REVENUE METER.
- (2) DISCONNECT SWITCH, 250V, 100A, CLASS J FUSES IN NEMA 3R ENCLOSURE, SERVICE ENTRANCE RATED.
- (3) 3#3,1#8G,1 1/4" CONDUIT

ELECTRICAL CONTRACTOR SHALL CONTACT THE LOCAL POWER COMPANY TO DETERMINE THE AIC RATING REQUIREMENTS FOR ALL ELECTRICAL PANELS AND EQUIPMENT. ELECTRICAL PANEL AIC RATING'S SHALL BE SIZED PER LOCAL POWER COMPANY'S AIC RATING AT SECONDARY SIDE OF POWER COMPANY TRANSFORMER.

PLUMBING NOTES:

GENERAL:

- VERIFY" SHALL MEAN CHECK CONDITIONS ON SITE AGAINST DRAWINGS AND SPECIFICATION AND ADJUST WORK TO MATCH EXISTING. OBTAIN RULING FROM OWNER ON ANY ITEMS REQUIRING CLARIFICATION
- THE NEW PLUMBING SYSTEMS (DOMESTIC COLD & HOT WATER, SANITARY WASTE & VENT) SHALL BE INSTALLED COMPLETE AND IN ACCORDANCE WITH ALL APPLICABLE CODES, LAWS AND REGULATIONS, LOCAL HEALTH DEPARTMENT STANDARDS AND THE OWNER'S REQUIREMENTS.
- THE SYSTEMS SHALL BE FREE OF ANY NOISE AND VIBRATIONS.
- THE PLUMBING WORK SHALL COMPLY WITH THE 2012 INTERNATIONAL PLUMBING, GA STATE AMENDMENTS, THE GEORGIA STATE ACCESSIBILITY CODE & ALL APPLICABLE SECTIONS OF NFPA AND ANSI AND THE GUIDELINES OF ASPE.
- THE CONTRACTOR SHALL CONFIRM AND ENSURE THAT ALL PLUMBING WORK CONFORMS TO THE CURRENT REQUIREMENTS OF THE LOCAL BUILDING INSPECTION DEPARTMENT.
- ALL PLUMBING EQUIPMENT AND MATERIALS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S WRITTEN INSTRUCTIONS AND RECOMMENDATIONS.
- ALL FIXTURES AND EQUIPMENT SHALL BE INSTALLED LEVEL, PLUMB AND RUN PARALLEL OR PERPENDICULAR TO THE BUILDING WALLS UNLESS INDICATED OTHERWISE.
- CONTRACTOR SHALL SECURE ALL PERMITS, INSPECTION CERTIFICATES, AUTHORITY APPROVALS AND PAY ALL RELATED FEES AND CHARGES.
- ALL NEW PLUMBING EQUIPMENT AND SYSTEMS SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR AFTER ACCEPTANCE BY THE OWNER.
- IT IS THE INTENT OF THESE SPECIFICATIONS TO PROVIDE FINISHED WORK, TESTED AND READY FOR OPERATION. ANY APPARATUS, APPLIANCE OR MATERIAL WHICH MAY BE NECESSARY TO MAKE THE WORK COMPLETE AND FULLY OPERATIONAL, EVEN IF NOT EXPLICITLY STATED, SHALL BE PROVIDED FOR BY THE CONTRACTOR.
- ALL PLUMBING WORK SHALL BE INSTALLED SO AS TO AVOID INTERFERENCE WITH ALL ELECTRICAL AND MECHANICAL WORK AND STRUCTURAL MEMBERS.
- THE LOCATIONS OF UNDERGROUND UTILITIES (DOMESTIC WATER PIPING, SANITARY WASTE & VENT PIPING, ELECTRIC CONDUITS, ETC) IN THE AREA OF WORK SHALL BE VERIFIED PRIOR TO SAW-CUTTING THE SLAB AND TRENCHING. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY & ALL DAMAGES WHICH MIGHT OCCUR BY FAILURE OF EXACTLY LOCATING & PRESERVING ANY & ALL UNDERGROUND UTILITIES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PATCHING AND REPAIRING ALL AREAS WHICH WERE DAMAGED BY HIS OPERATION.
- ALL HORIZONTAL PIPING LINES EXTENDED AND CONNECTED TO EQUIPMENT SHALL BE RUN AT THE HIGHEST POSSIBLE ELEVATION AND NOT LESS THAN 6" ABOVE FINISHED FLOOR TO PROVIDE CLEARANCE FOR CLEANING.
- EXACT LOCATIONS & ROUGH-IN REQUIREMENTS FOR ALL FIXTURES & EQUIPMENT SHALL BE DETERMINED FROM ARCHITECTURAL DRAWINGS. LARGE SCALE ARCHITECTURAL DETAILS & APPROVED MANUFACTURER'S SHOP DRAWINGS. PARTICULAR ATTENTION SHALL BE DIRECTED TO FIXTURES OR EQUIPMENT FURNISHED BY OTHER TRADES.
- PIPING IS SHOWN IN ITS GENERAL LOCATION (UNLESS DIMENSIONED). EXACT LOCATIONS SHALL BE DETERMINED BY JOB CONDITIONS. CONTRACTOR SHALL COORDINATE THE INSTALLATION OF HIS WORK WITH THAT OF OTHER TRADES & ARRANGE PIPING TO CLEAR STRUCTURAL MEMBERS & DUCTWORK. DO NOT RESTRICT ACCESS TO ANY EQUIPMENT.

SANITARY WASTE & VENT PIPING:

- ALL SANITARY WASTE & VENT PIPING & FITTINGS INSIDE THE BUILDING, ABOVE & BELOW GRADE, SHALL BE SOLID WALL SCHEDULE 40 PVC DWV AS MANUFACTURED BY CHARLOTTE PIPE & MEET ASTM D-1784, D-1785 & D-2665.
- FOAM CORE &/OR CELLULAR CORE PVC PIPING SHALL NOT BE ALLOWED.
- PVC PIPING OUTSIDE THE BUILDING, BELOW GRADE, SHALL BE TYPE PVC SDR-35 MEETING ASTM-D3034.
- PVC-DWV FITTINGS FOR PIPING SHALL BE SOLVENT WELD TYPE INSIDE & UNDERSLAB MEETING ASTM D-1784, D-2665 & D-3311. CEMENTS SHALL MEET ASTM D-2565 & PRIMER MEETING ASTM F-656. CURE TIME MUST COMPLY WITH MANUFACTURER'S RECOMMENDATIONS. EXTERIOR PIPING JOINTS SHALL BE NEOPRENE PUSH-ON TYPE.
- PROVIDE MINIMUM COVER OF 30" FOR ALL LINES OR AS OTHERWISE NOTED ON THE DRAWINGS.
- COORDINATE WITH THE MECHANICAL CONTRACTOR TO ENSURE THAT SANITARY VENTS THROUGH ROOF MAINTAIN A MINIMUM OF 12" FROM ANY VERTICAL SURFACE AND 10'-0" FROM ANY FRESH AIR INTAKE TO THE BUILDING.
- INVERT ELEVATIONS OF THE SANITARY PIPING SHOWN ON THE CIVIL UTILITY PLANS SHALL BE VERIFIED ON THE JOB BEFORE INSTALLING ANY PIPE.
- REFER TO ARCHITECTURAL FINISH SCHEDULE & ELEVATIONS FOR DETAILS OF FLOORS WHERE FLOOR DRAINS & CLEAN-OUTS ARE LOCATED.
- ALL CLEAN-OUTS SHALL BE INSTALLED WHERE READILY ACCESSIBLE. THE CONTRACTOR SHALL COORDINATE ALL CLEAN-OUT LOCATIONS WITH EQUIPMENT, CABINETS, ETC. AND ARCHITECT PRIOR TO INSTALLATION.

DOMESTIC WATER PIPING:

- DOMESTIC WATER PIPING BELOW GRADE SHALL BE TYPE "K" COPPER TUBING, WITH NO PIPE JOINTS BELOW GRADE. UNDERGROUND PIPES SHALL BE INSIDE A PVC PIPE LINER AND INSTALL A UNION ABOVE GRADE AT EACH END OF THE BURIED PIPE. UNDERGROUND PIPE SHALL BE DRAWN EXCEPT ANNEALED (SOFT) PIPE MAY BE USED WHERE INDICATED.
- DOMESTIC (HOT & COLD) WATER PIPING ABOVE GRADE SHALL BE TYPE "L" COPPER TUBING. FITTINGS SHALL BE WROUGHT COPPER WITH LEAD FREE SOLDER. PIPING SHALL NOT TOUCH FERROUS MATERIALS. FIRMLY SUPPORT PIPING USING NON FERROUS PIPE SUPPORTS.
- SHUT-OFF VALVES SHALL BE FULL PORT, THREADED OR SOLDER-END TYPE, RATED AT NOT LESS THAN 200 LB. NON-SHOCK COLD WATER WORKING PRESSURE. PROVIDE VALVES IN EACH BRANCH LINE WHETHER SHOWN ON THE DRAWINGS OR NOT.
- PROVIDE A BALL-COCK STOP ON WATER SUPPLY IN BRANCH PIPE TO EACH PLUMBING FIXTURE WHETHER SHOWN ON THE DRAWINGS OR NOT.
- UNIONS SHALL BE PROVIDED AFTER EACH SCREW TYPE VALVE AND AT EQUIPMENT CONNECTIONS. PROVIDE ISOLATION UNIONS ON ALL CONNECTIONS BETWEEN DISSIMILAR METALS.
- COLD & HOT WATER RISERS FOR FIXTURES, UNLESS NOTED OTHERWISE SHALL BE CONCEALED IN WALLS OR PIPE CHASES.
- EXPOSED PIPING IN FINISHED AREAS SHALL BE CHROME PLATED WITH CHROME PLATED ESCUTCHEON AT PIPE ENTRY TO FINISHED AREA.
- ALL DOMESTIC WATER PIPING (HOT, COLD, HOT WATER CIRCULATION) SHALL BE LOCATED WITH THE BUILDING ENVELOPE. PIPING LOCATED ABOVE CEILING SHALL BE LOCATED BETWEEN THE CEILING & ROOF/CEILING INSULATION. PIPING LOCATED IN EXTERIOR WALL SHALL BE LOCATED BETWEEN THE WALL INSULATION & INTERIOR SHEATHING

INSULATION:

- INSULATE ALL ABOVE GROUND HOT AND COLD WATER PIPING AND FITTINGS WITH:
 - PRE-FORMED ARMAFLEX AP INSULATION, 1" THICK. USE ARMAFLEX 520 ADHESIVE ON ALL JOINTS. INSULATION CONDUCTIVITY SHALL BE MAXIMUM 0.27 (BTU*IN)/(HR*FT2* F) PER ASTM C 177.
 - PRE-FORMED NOMALOCK EPFI INSULATION INSULATION, 1" THICK. WITH A PRE-GLUED PRESSURE SENSITIVE ADHESIVE CLOSURE SYSTEM. INSULATION CONDUCTIVITY SHALL BE MAXIMUM 0.27 (BTU*IN)/(HR*FT2* F) PER ASTM C 177.
 - PRE-FORMED MICRO-LOK FIBER GLASS INSULATION, 1" THICK. WITH FACTORY APPLIED LONGITUDINAL ACRYLIC CLOSURE SYSTEM & FACTORY SUPPLIED BUTT STRIPS. INSULATION CONDUCTIVITY SHALL BE MAXIMUM 0.24 (BTU*IN)/(HR*FT2* F) PER ASTM C 177.
- THE DRAINAGE, HOT AND COLD PIPEWORK BELOW ALL LAVATORIES IN THE TOILETS WILL BE INSULATED WITH "HANDI-LAV" GUARD" INSULATING KITS AS MANUFACTURED BY TRUEBRO, INC (203) 875-2868 OR EQUAL.

SUPPORT SPACING:

- SPACING OF HANGERS AND SUPPORTS FOR ABOVEGROUND HORIZONTAL PIPING AND TUBING SHALL NOT EXCEED THE FOLLOWING:
 - COPPER TUBING

PIPE SIZE	MAX. SPACING (FT)
3/4" & SMALLER	5
1 IN. THRU 3 IN	6
 - PVC PIPE
 - SEE 2012 INTERNATIONAL PLUMBING CODE, TABLE 308.5, FOR PIPE HANGER SPACING FOR OTHER MATERIALS
- SUPPORT PIPES FROM STRUCTURE. WHERE SPACING OF STRUCTURAL MEMBERS EXCEEDS THE MAXIMUM SPACING NOTED ABOVE PROVIDE ADDITIONAL SUPPORTS OF SUFFICIENT SIZE TO SUPPORT PIPES WITHOUT EXCESSIVE DEFLECTION.
- ADJUST HANGERS AND SUPPORTS TO SLOPE PIPE TO CODE OR AS OTHERWISE REQUIRED FOR PROPER OPERATION OF THE SYSTEM(S).
- UNDERGROUND PIPING SHALL BE LAID ON A FIRM BED FOR ITS ENTIRE LENGTH.

MISCELLANEOUS:

- THE SCHEDULED "BASIS OF DESIGN" IS INTENDED TO INDICATE THE PERFORMANCE REQUIRED FOR THE PARTICULAR ITEM OF EQUIPMENT. SUBSTITUTIONS WILL BE PERMITTED. SUBSTITUTIONS SHALL BE DEEMED TO INCLUDE ALL ASSOCIATED CHANGES TO BUILDING, STRUCTURE & OTHER SERVICES WITHOUT ANY ADDITIONAL COST TO THE OWNER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THAT SUBSTITUTIONS SHALL FIT INTO THE SPACE AVAILABLE WITH PROVISIONS FOR PROPER ACCESS, MAINTENANCE, PARTS REPLACEMENT, WEIGHT ALLOWANCE & FOR COORDINATION WITH OTHER TRADES (INCLUDING ELECTRICAL, MECHANICAL, STRUCTURAL AND ARCHITECTURAL).
- HOSE BIBBS SHALL BE MOUNTED 18" ABOVE FINISHED FLOOR OR AS OTHERWISE NOTED ON THE DRAWINGS. VERIFY PRIOR TO INSTALLATIONS.
- PROVIDE SLEEVES FOR PIPES THRU FLOORS, MASONRY WALLS & FIRE OR SMOKE PARTITIONS. PENETRATIONS THROUGH FIRE RATED FLOORS, WALLS AND PARTITIONS SHALL BE FIRE STOPPED TO COMPLY WITH THE APPLICABLE EDITION, INCLUDING REVISIONS, OF THE STANDARD BUILDING CODE, STANDARD MECHANICAL CODE AND LOCAL FIRE MARSHALL REQUIREMENTS. FIRE STOP SYSTEM USED SHALL BE UL LISTED AND SHALL BE SUITABLE FOR THE PENETRATING AND PENETRATED MATERIALS. THE WORK SHALL BE INSPECTED AND CERTIFIED BY THE MANUFACTURER'S AUTHORIZED REPRESENTATIVE. PENETRATIONS THROUGH WALLS AND FLOORS BELOW GRADE AND OUTSIDE WALLS SHALL BE SEALED AND CAULKED WATER, MOISTURE AND AIR TIGHT TO ARCHITECT APPROVAL.
- THE PRV PROVIDED SHALL BE SUITABLE FOR THE APPLICATION. THE PLUMBER SHALL CHECK THE PREVAILING MAINS WATER PRESSURE AND SHALL CONSULT THE MANUFACTURER'S ENGINEERING DEPARTMENT TO VERIFY THE CORRECT SELECTION OF THE PRV PROVIDED IRRESPECTIVE OF ANY MODEL SPECIFIED ON THE DRAWINGS.
- BACK FLOW PREVENTORS SHALL BE PROVIDED ON ALL BEVERAGE MACHINES AND ICE MAKERS WHETHER SHOWN ON THE DRAWINGS OR NOT.
- BACK FLOW PREVENTER AT THE BUILDING SERVICE ENTRY SHALL BE LOCAL AUTHORITY APPROVED TYPE IRRESPECTIVE OF WHAT IS SHOWN ON THE DRAWINGS. THE REQUIRED TYPE SHALL BE VERIFIED PRIOR TO BID. INSTALL IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS WITH RECOMMENDED CLEARANCES FOR TESTING AND SERVICE. PROVIDE AN UPSTREAM STRAINER IF INSTALLED AHEAD OF THE PRV. PROVIDE COMPLETE WITH TEST PORTS AND FULL PORT QUARTER TURN BALL VALVES.

SLOPE OF HORIZONTAL DRAINAGE PIPE (TABLE 704.1, 2012 IPC)	
SIZE (INCHES)	MINIMUM SLOPE (INCH PER FOOT)
2-1/2 OR LESS	1/4
3 TO 6	1/8
8 OR LARGER	1/16

PLUMBING FIXTURE SCHEDULE

TAG	MANUFACTURER	MODEL	DESCRIPTION	ACCESSORIES
HWC	MANSFIELD	1319RS	"ADRIATIC" FLOOR MOUNTED (1.28 GPF) FLUSH VALVE ADA COMPLIANT TOILET WITH ELONGATED BOWL & 1½" REAR SPUD : WATER CLOSET RIM TO BE 17¼" AFF.	PROVIDE WITH ELONGATED OPEN FRONT SEAT WITHOUT LID & WALL RECESSED CONCEALED, SENSOR ACTIVATED, 24 VAC FLUSH VALVE FOR FLOOR MOUNTED BACK SPUDS: SLOAN "ROYAL" OPTIMA 140-1.28 ES-S TMO WITH 120VAC TRANSFORMER & MECHANICAL OVERRIDE.
WC	MANSFIELD	1311RS	"BALTIC" FLOOR MOUNTED (1.28 GPF) FLUSH VALVE TOILET WITH ELONGATED BOWL & 1½" REAR SPUD.	PROVIDE WITH ELONGATED OPEN FRONT SEAT WITHOUT LID & WALL RECESSED CONCEALED, SENSOR ACTIVATED, 24 VAC, FLUSH VALVE FOR FLOOR MOUNTED BACK SPUDS: SLOAN "ROYAL" OPTIMA 140-1.28 ES-S TMO WITH 120VAC TRANSFORMER & MECHANICAL OVERRIDE.
UR	MANSFIELD	410HE-RS	"CASCADE" (0.5 GPF) ADA COMPLIANT, REAR-SPUD, WALL MOUNT, HALF-STALL, WASH-DOWN URINAL WITH EXTENDED SIDES & INTEGRAL TRAP.	PROVIDE RECESSED CONCEALED, SENSOR ACTIVATED, 24 VAC, ROYAL OPTIMA FLUSH VALVE MODEL: 195-0.5 ES-S TMO HEU WITH MECHANICAL OVERRIDE. PROVIDE FLUSH VALVE WITH 120VAC TRANSFORMER.
L1	MANSFIELD	251	ALTO II OVAL, ADA COMPLIANT, VITREOUS CHINA, SELF RIMMING LAVATORY WITH THREE FAUCET HOLES ON 4" CENTERS.	PROVIDE WITH ADA COMPLIANT, SENSOR ACTIVATED, 24 VAC WALL-PLUG IN TRANSFORMER, CHROME PLATED 4" CENTER SET CAST BRASS FAUCET (0.5 GPM FLORATE) SLOAN MODEL ETF-600-8-B-0.5 GPM, MCGUIRE 1-1/4" PTRAP, SUPPLIES & STOPS * 0.5 GPM AERATOR. PROVIDE FAUCET WITH THERMOSTATIC MIXING VALVE MIX-135-A. SET MIXING VALVE TO DELIVER 110°F TEMPERED WATER.
MS	FIAT	MSB 2424	MOLDED-STONE MOP SERVICE BASIN. OVERALL OUTSIDE DIMENSIONS 24"x24"x10" WITH STAINLESS STEEL DRAIN BODY WITH STAINLESS STEEL COMBINATION DOME STRAINER & LINT BASKET.	PROVIDE WITH SERVICE SINK FAUCET FIAT MODEL: 830-AA (WITH VACUUM BREAKER, INTEGRAL STOPS, ADJUSTABLE WALL BRACE, PAIL HOOK & ¾" HOSE THREAD ON SPOUT), HOSE & HOSE BRACKET, MOP HANGER, STAINLESS STEEL BUMPERGUARD & STAINLESS STEEL WALL GUARD.
FD	ZURN	Z415	3" FLOOR DRAIN WITH NICKEL BRONZE STRAINER & TRAP PRIMER	PROVIDE TP CONNECTION AS INDICATED ON PLANS
FCO	ZURN	Z-1400	ADJUSTABLE FLOOR CLEANOUT, DURA-COATED CAST IRON BODY, WITH GAS & WATER TIGHT ABS TAPERED THREAD PLUG & ROUND SCORRIATED TOP ADJUSTABLE TO FINISHED FLOOR.	PROVIDE WITH CARPET MARKER TOP OR RECESSED SQUARE TOP FOR TILE AS REQUIRED.
GCO	ZURN	Z-1403	NON-ADJUSTABLE FLOOR CLEANOUT, DURA-COATED CAST IRON BODY, WITH GAS & WATER TIGHT ABS TAPERED THREAD COUNTERSUNK PLUG.	
TP	MIFAB	M-500	PRESSURE DROP ACTIVATED BRASS TRAP SEAL PRIMER. COMPLETE WITH FOUR VIEW HOLES & REMOVABLE FILTER SCREEN.	1/2" INLETS & OUTLETS, REMOVABLE FILTER SCREEN PROVIDE WITH DISTRIBUTION UNIT MI-DU TO SERVE UP TO FOUR FLOOR DRAIN TRAPS.
NFWH	WOODFORD	B65	AUTOMATIC DRAINING, FREEZELESS WALL HYDRANT WITH AN ANTI-SIPHON VACUUM BREAKER ENCLOSED IN A FLUSH MOUNTING WALL BOX.	VERIFY BOX & DOOR FINISH (CHROME FINISH ON BRASS CASTINGS OR POLISHED BRASS FINISH) WITH ARCHITECT.
HB	WOODFORD	84	WALL HYDRANT WITH AN ANTI-SIPHON VACUUM BREAKER.	

ELECTRIC WATER HEATER SCHEDULE

TAG	MANUFACTURER	MODEL	CAPACITY (GAL)	ELEMENT WATTAGE	RECOVERY RATE (@ 90°F RISE)	THERMAL EFFICIENCY	ELECTRICAL	NOTES:
EWH	A.O.SMITH	DEL-10	10	2500	11 GPH	--	208/1/60	1,2

NOTES:

- PROVIDE EXPANSION TANK & T & P VALVE.
- SINGLE 2500 WATT LOWER HEATING ELEMENT.

ABBREVIATIONS:

AAV	=	AIR ADMITTANCE VALVE
AFF	=	ABOVE FINISHED FLOOR
BFP	=	BACK FLOW PREVENTER
CMP	=	COMPRESSOR
CO	=	CLEANOUT
CW	=	COLD WATER
DW	=	DISHWASHER
*F	=	DEGREES FAHRENHEIT
DIA	=	DIAMETER
FD	=	FLOOR DRAIN
FS	=	FLOOR SINK
HD	=	HUB DRAIN
HWR	=	HOT WATER RETURN
IPC	=	INTERNATIONAL PLUMBING CODE
IM	=	ICE MAKER BOX
LAV	=	LAVATORY
PRV	=	PRESSURE REDUCING VALVE
RD	=	ROOF DRAIN
SW	=	STORMWATER
SAN	=	SANITARY
TBD	=	TO BE DETERMINED
TP	=	TRAP SEAL PRIMER
TYP	=	TYPICAL
VTR	=	VENT THROUGH ROOF
WC	=	WATER CLOSET
WCO	=	WALL CLEANOUT
WSH	=	WASHING MACHINE CONNECTION BOX
IM	=	ICE MAKER BOX
HP	=	HORSEPOWER
HW	=	HOT WATER

SYMBOL	PLUMBING LEGEND
-----	DOMESTIC (COLD) WATER PIPING
-----	HOT WATER PIPING
-----	SANITARY PIPING
-----	VENT PIPING
-----	BELOW FLOOR DOMESTIC WATER PIPING
↔	PIPING TURNING DOWN
OC	P-TRAP
↔	SHUT-OFF VALVE
⊗	FLOOR/GRADE CLEAN OUT
⊗	FLOOR DRAIN

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for

CITY OF PEACHTREE
CORNERS

310 TECHNOLOGY PARKWAY

PEACHTREE CORNERS, GA 30092

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PLUMBING NOTES,
LEGEND & SCHEDULES

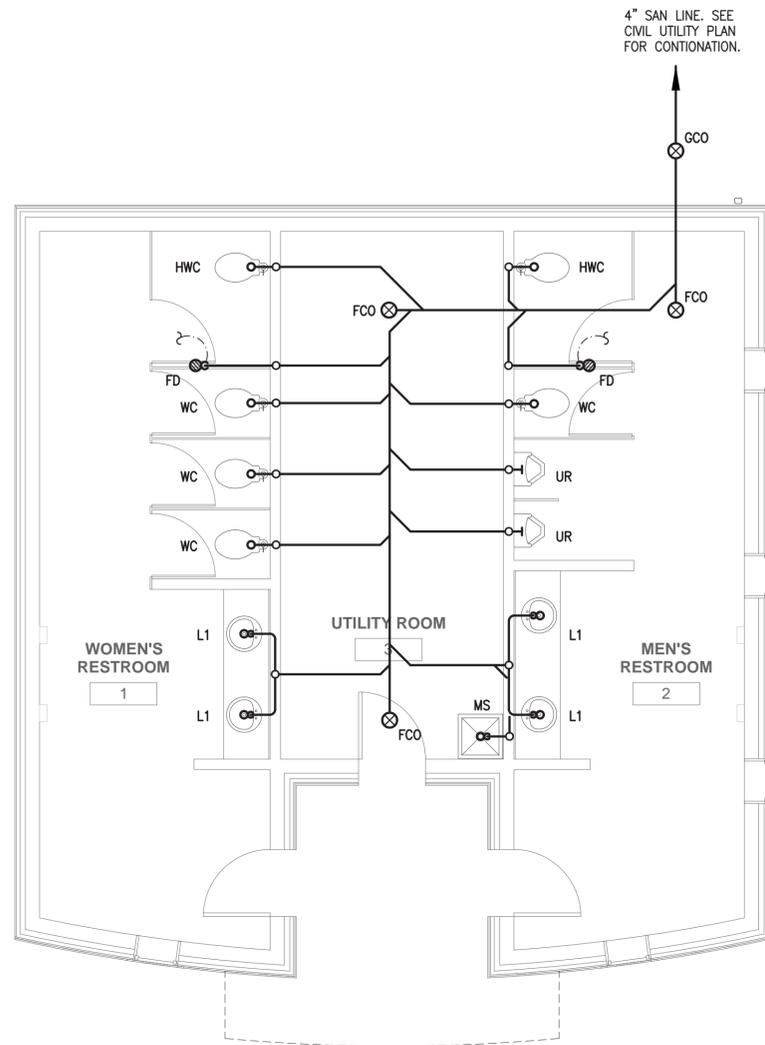
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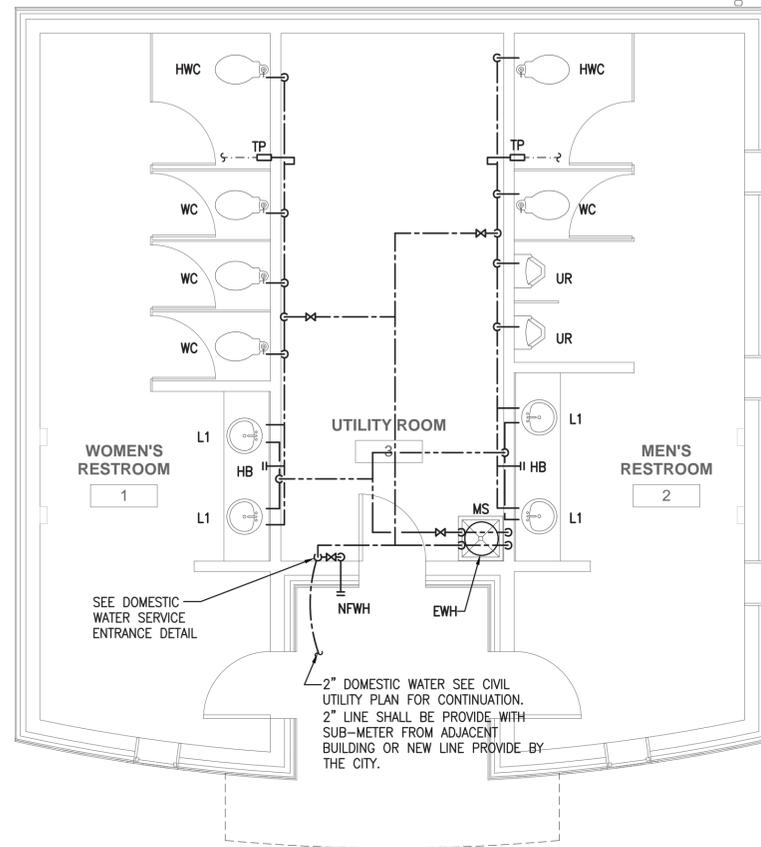
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WASTE & VENT PLAN:
SCALE: 1/4" = 1'-0"



DOMESTIC WATER PLAN
SCALE: 1/4" = 1'-0"

WATER PIPING NOTE:
ALL CW & HW PIPING TO TOILET ROOMS SHALL BE TIGHT TO WALL EXPOSED IN UTILITY ROOM.

FLUSH VALVE NOTE:
FLUSH VALVES FOR WATER CLOSETS & URINALS TO BE LOCATED IN THE UTILITY ROOM AND CONCEALED RECESSED MOUNTED SENSOR INSIDE RESTROOM.



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