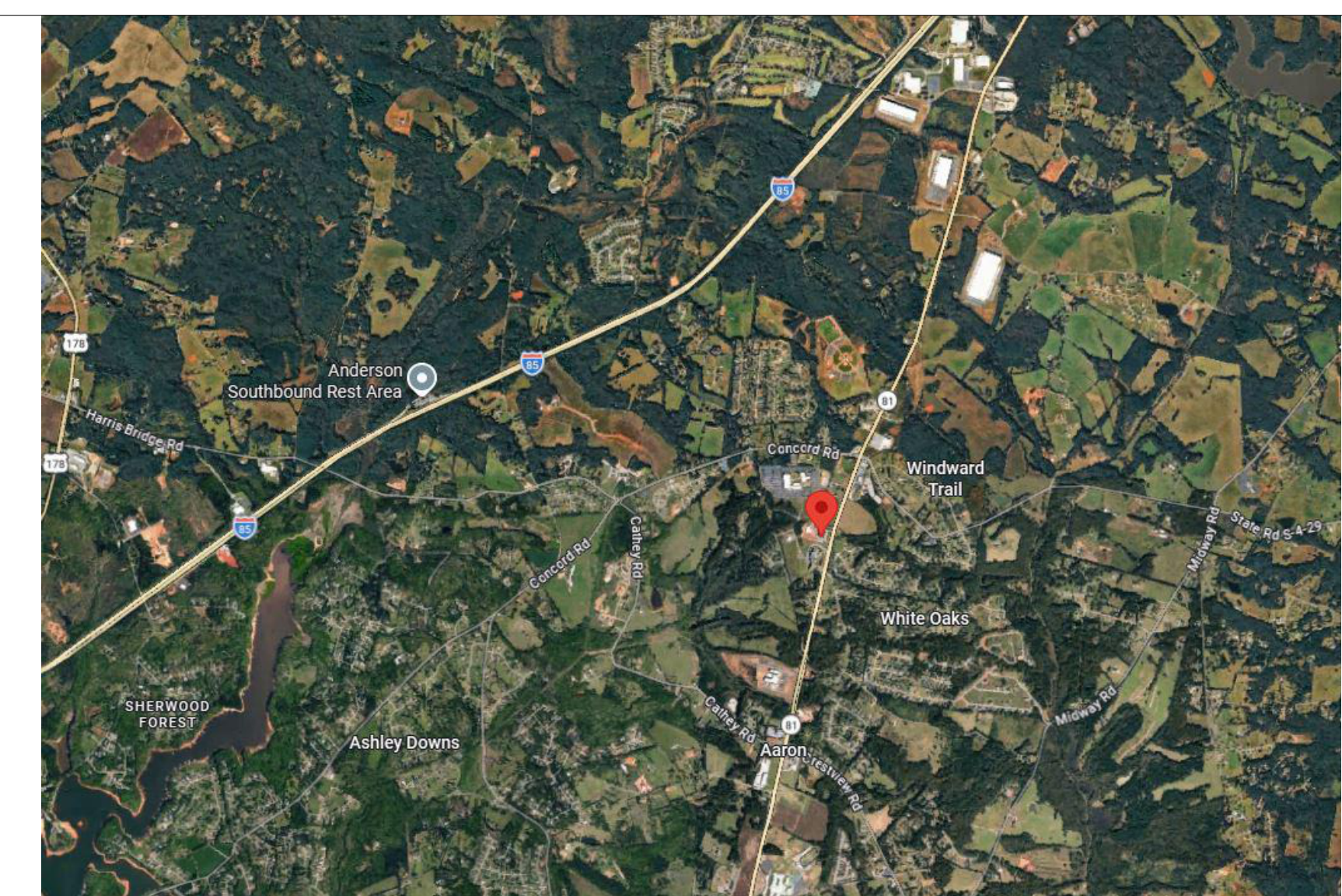






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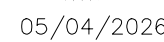
consultants

DISABILITIES

ANDERSON, SC 29621

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date

SEPTEMBER 17, 2026

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key plan

sheet title

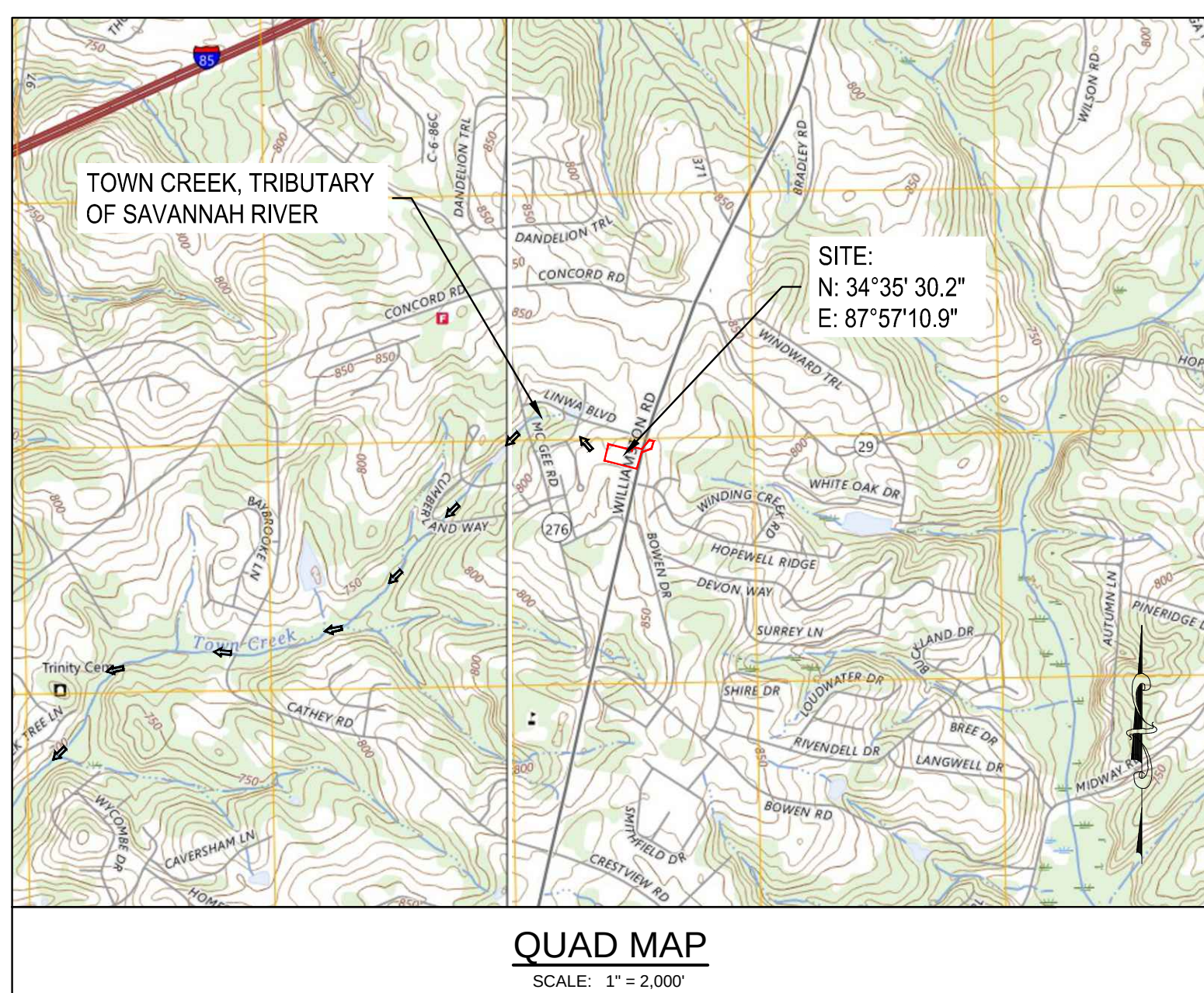
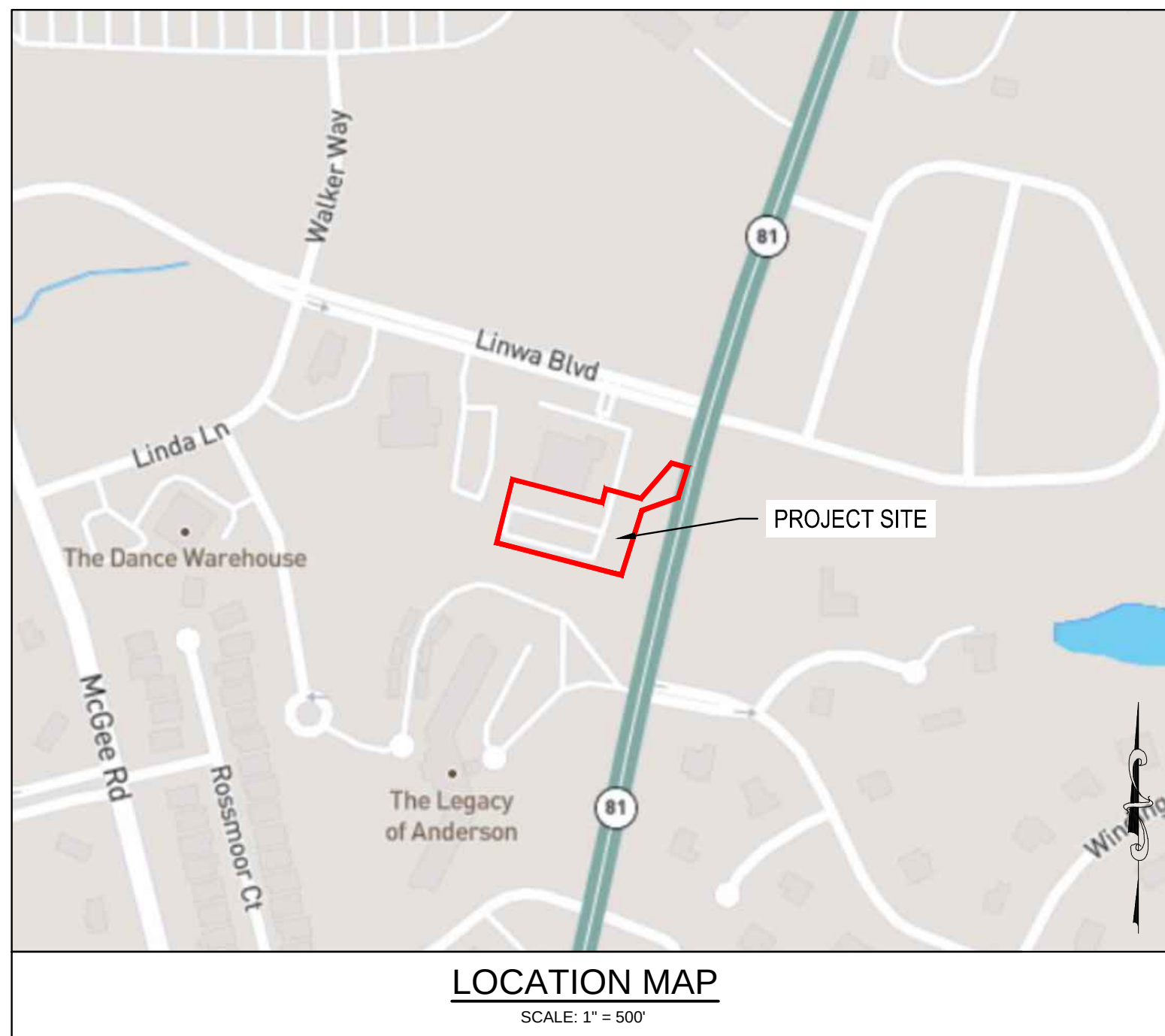
CIVIL NOTES AND ABBREVIATIONS

sheet number

C001

drawn by B. E.

checked by CDG



CIVIL ABBREVIATIONS:

BTM	BOTTOM	OC	ON CENTER
BES	BEVELED END SECTION	ODSA	OPERATOR OF DAY TO DAY SITE ACTIVITIES
BM	BENCHMARK		
BMP	EROSION CONTROL BEST MANAGEMENT PRACTICES	PC	POINT OF CURVATURE
BW	BOTH WAYS	POA	POINT OF ANALYSIS
CB	CATCH BASIN	PP	POWER POLE
CI	CURB INLET	PT	POINT OF TANGENT
		PVC	POLYVINYL CHLORIDE
CGP	NPDES CONSTRUCTION GENERAL PERMIT SCR 100000	PVMT	PAVEMENT
CL	CENTERLINE	RAD	RADIUS
CMP	CORRUGATED METAL PIPE	RCP	REINFORCED CONCRETE PIPE
CO	CLEANOUT	RD	ROOF DRAIN
CONC	CONCRETE	REQD	REQUIRED
CY	CUBIC YARDS	RPBP	REDUCED PRESSURE BACKFLOW PREVENTER
DCVA	DOUBLE CHECK VALVE ASSEMBLY	R/W	RIGHT OF WAY
DI	DROP INLET		
DIA	DIAMETER	SABC	STABILIZED AGGREGATE BASE COURSE
DIP	DUCTILE IRON PIPE	SF	SQUARE FEET
DS	DOWNSPOUT	SWPPP	STORM WATER POLLUTION PREVENTION PLAN
EL	ELEVATION		
EXST	EXISTING	SB	SILT BARRIER
EW	EACH WAY		
FFE	FINISHED FLOOR ELEVATION	SCDES	SOUTH CAROLINA DEPARTMENT OF ENVIRONMENTAL SERVICES
FG	FINISHED GRADE		
FH	FIRE HYDRANT		
FM	FORCE MAIN	SCDOT	SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
GI	GRATE INLET	SD	STORM DRAINAGE
HDPE	HIGH DENSITY POLYETHYLENE	SS	SANITARY SEWER SERVICE
IAW	IN ACCORDANCE WITH	STA	STATION
IE	INVERT ELEVATION	TELECOM	TELECOMMUNICATION
JB	JUNCTION BOX	TBM	TEMPORARY BENCH MARK
LF	LINEAR FEET	TC	TOP OF CURB
LOD	LIMITS OF DISTURBANCE	TG	TOP OF GUTTER
LP	LIGHT POLE	TP	TOP OF PAVEMENT
MATL	MATERIAL	TYP	TYPICAL
MAX	MAXIMUM	VC	VITRIFIED CLAY
MH	MANHOLE	W	WATER
MIN	MINIMUM	W/	WITH
MS4	MUNICIPAL SEPARATE STORM SEWER SYSTEM	WS	WATER SERVICE
		WV	WATER VALVE
NOI	NOTICE OF INTENT		
NOT	NOTICE OF TERMINATION		
NTS	NOT TO SCALE		

1 LINWA BLVD, ANDERSON, SC 29621



GENERAL NOTES:

1. THE EXISTING UNDERGROUND UTILITIES SHOWN HEREON ARE BASED UPON AVAILABLE INFORMATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING 811 FOR UTILITY LOCATION AND DETERMINING THE EXACT LOCATION OF ALL UTILITIES PRIOR TO BEGINNING ANY WORK. IF UTILITIES OTHER THAN THOSE SHOWN HEREON ARE ENCOUNTERED, THE CONTRACTOR SHALL NOTIFY THE OWNER AND ENGINEER IMMEDIATELY AND TAKE ALL NECESSARY PRECAUTIONS TO PROTECT THE LINE(S) AND ENSURE CONTINUED SERVICE. DAMAGE CAUSED TO EXISTING UTILITIES BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER. THE CONTRACTOR SHALL VERIFY THE CONNECTION POINTS OF NEW UTILITIES TO EXISTING UTILITIES PRIOR TO BEGINNING CONSTRUCTION.
2. THE GENERAL CONTRACTOR SHALL REVIEW AND STAMP APPROVED ANY AND ALL SHOP DRAWINGS AND SUBMITTALS PRIOR TO SUBMITTING TO THE ENGINEER FOR REVIEW.
3. IN PERFORMING CONSTRUCTION OBSERVATION VISITS TO THE JOB SITE, THE ENGINEER SHALL HAVE NO CONTROL OVER NOR RESPONSIBILITY FOR THE CONTRACTOR'S METHODS, MEANS, SEQUENCE, TECHNIQUES OR PROCEDURES IN PERFORMING THE WORK.
4. THE CONTRACTOR'S METHODS, MEANS, SEQUENCE, TECHNIQUES OR PROCEDURES IN PERFORMING THE WORK IS SOLELY THE RESPONSIBILITY OF THE CONTRACTOR, WHO IS RESPONSIBLE FOR COMPLYING WITH ALL HEALTH AND SAFETY PRECAUTIONS AS REQUIRED BY ANY REGULATORY AGENCY.
5. CONTRACTOR IS RESPONSIBLE FOR ALL WORK SHOWN, UNLESS SPECIFICALLY INDICATED OTHERWISE.

GENERAL GRADING NOTES:

1. OFFSITE BORROW NECESSARY FOR THE CONSTRUCTION OF THIS PROJECT SHALL BE PROVIDED BY THE CONTRACTOR FROM SOURCES DEVELOPED BY THE CONTRACTOR.
2. ALL NECESSARY BORROW/WASTE MATERIAL SHALL BE FROM TAKEN AT A SCDES PERMITTED FACILITY.
3. CONTRACTOR SHALL GRADE ALL AREAS TO DRAIN FOR POSITIVE FLOW PRIOR TO FINAL APPROVAL.
4. THE DESIGN ADEQUACY AND SAFETY OF ALL BRACING, SHORING AND TEMPORARY SUPPORTS, ETC. IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
5. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN THE SERVICES OF A QUALIFIED GEOTECHNICAL ENGINEER WHO SHALL PERFORM INVESTIGATIONS TO VERIFY THAT ALL WORK IS ACCOMPLISHED IN ACCORDANCE WITH THE SPECIFICATIONS.
6. CONTRACTOR TO NOTIFY ENGINEER IF UNSUITABLE MATERIAL IS DISCOVERED PRIOR TO REMOVAL.

GENERAL SWPPP NOTES:

1. ALL CONTRACTORS/SUBCONTRACTORS/PERSONS THAT WILL BE ENGAGED IS LAND DISTURBING ACTIVITIES SHALL COMPLY WITH ALL EROSION CONTROL AND STORMWATER POLLUTION PREVENTION REQUIREMENTS CONTAINED THROUGHOUT THE DRAWINGS, SWPPP, SPECIFICATIONS AND PERMITS.
2. THE CONTRACTOR SHALL PLACE 4" OF TOPSOIL IN ALL DISTURBED AREAS NOT TO BE PAVED. THE CONTRACTOR SHALL PROVIDE VEGETATION SEEDING AND PERMANENT STABILIZATION IN ALL AREAS INSIDE OR OUTSIDE THE LIMITS OF CONSTRUCTION THAT ARE DISTURBED BY THE CONTRACTOR'S OPERATIONS.
3. IT IS THE CONTRACTORS RESPONSIBILITY FOR DESIGN, ADEQUACY AND IMPLEMENTATION OF ALL DETERAWERING. ALL DETERAWERING ACTIVITIES SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE STORMWATER POLLUTION PREVENTION PLAN.

GENERAL SURVEY NOTES:

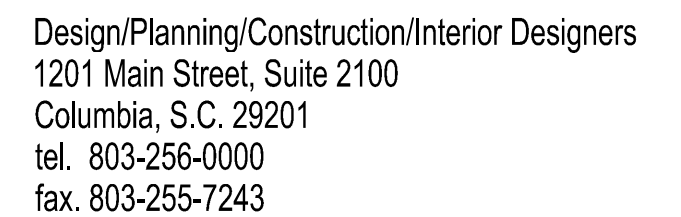
1. TOPOGRAPHIC AND BOUNDARY INFORMATION BY LJA SURVEYING INC., NOT VERIFIED BY ADC ENGINEERING, INC.
2. THE ELEVATIONS DEPICTED HEREON ARE BASED ON NAD88 DATUM. THE HORIZONTAL CONTROL IS BASED ON CSCSP NAD'83.
3. ALL PROJECT STAKEOUT SHALL BE PERFORMED BY A REGISTERED LAND SURVEYOR TO BE PAID FOR BY THE CONTRACTOR. FOR STAKEOUT, DO NOT SCALE OR RESIZE THE PLOT. PLT SCALE AS SHOWN ON DRAWINGS. REFER TO THE GRID DIMENSIONS, SYMBOL LEGEND, KEYNOTES, AND REFERENCED DETAILS FOR CORRECT STAKEOUT.

CIVIL AND DRAWING LIST

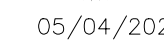
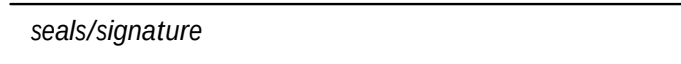
SHEET	TITLE	ISSUED	REVISED
C001	CIVIL NOTES AND ABBREVIATIONS	5/4/2026	
C200	SITE AND GRADING PLAN	5/4/2026	
C620	CIVIL DETAILS - SITE	5/4/2026	

PROJECT INFORMATION

DEVELOPMENT DATA	
PROJECT NAME	ANDERSON MHC BUILDING IMPROVEMENTS
DEVELOPMENT DESCRIPTION	THE PROJECT INCLUDES: MILLING AND OVERLAY OF EXISTING PARKING LOT AND DRAINAGE IMPROVEMENTS.
PROJECT OWNER	SOUTH CAROLINA DEPARTMENT OF BEHAVIORAL HEALTH AND DEVELOPMENTAL DISABILITIES
PROJECT CIVIL ENGINEER	ADC ENGINEERING - (CLAY GREENE 884-751-9121)
PROPERTY INFORMATION	
TMS	145-00-07-011-000
ADDRESS	1 LINNA BLVD, ANDERSON SC, 29621
STREET CLASSIFICATION(S)	
LINNA BLVD	LOCAL
HIGHWAY 91 N (SC 81)	ARTERIAL
FLOOD ZONE STATEMENT	PROJECT SITE IS LOCATED IN ZONE X, AREA OF MINIMAL FLOOD HAZARD, ACCORDING TO FEMA PANEL 253 OF 600, DATED 09/29/2011.
SUBDIVISION STATUS	N/A
WETLAND STATUS	NONE ON SITE



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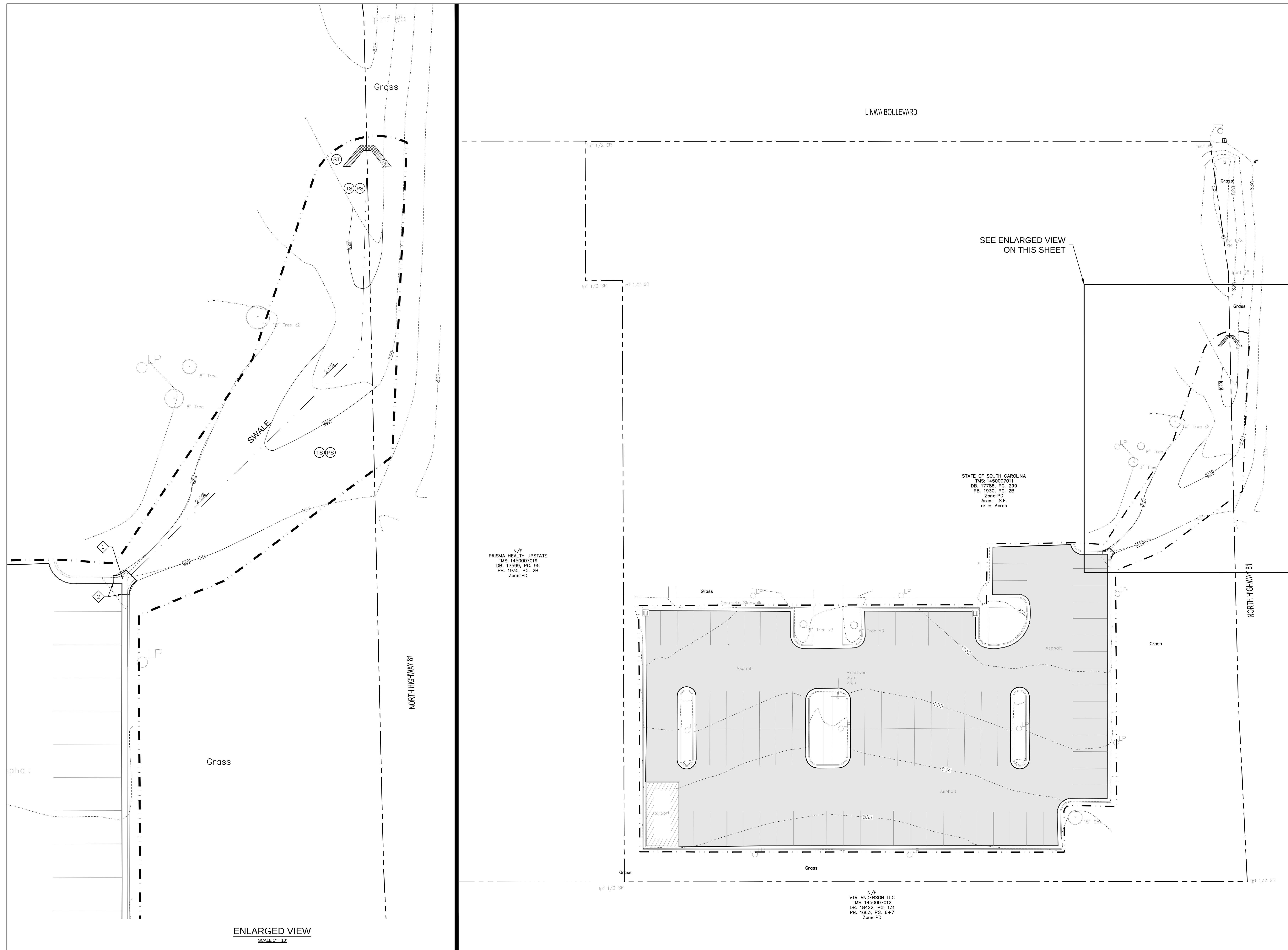
key plan

sheet title
SITE AND GRADING PLAN

sheet number

C200

drawn by BLF
checked by CDG



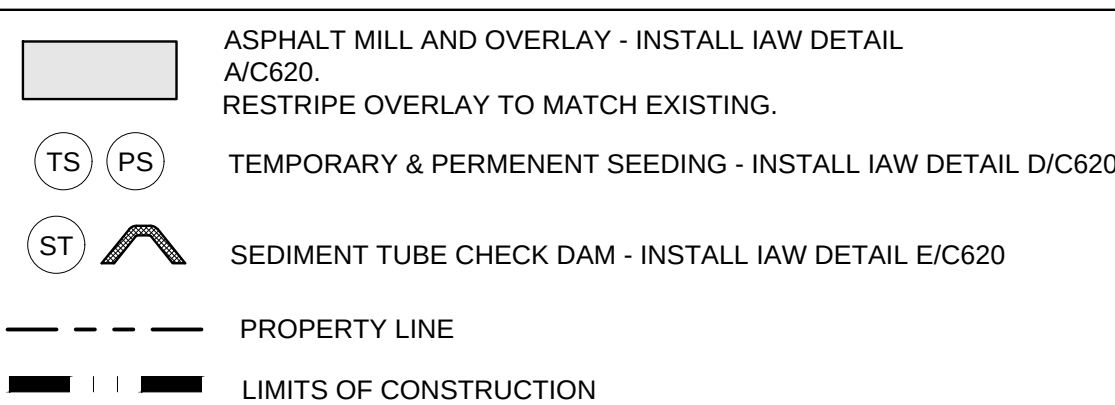
SITE NOTES:

1. SEE SHEET C001 FOR CIVIL NOTES AND ABBREVIATIONS.
2. ALL STRIPING AND MARKINGS WITHIN THE RIGHT-OF-WAY SHALL BE REFLECTIVE THERMOPLASTIC IAW SCDOT SPECIFICATIONS.

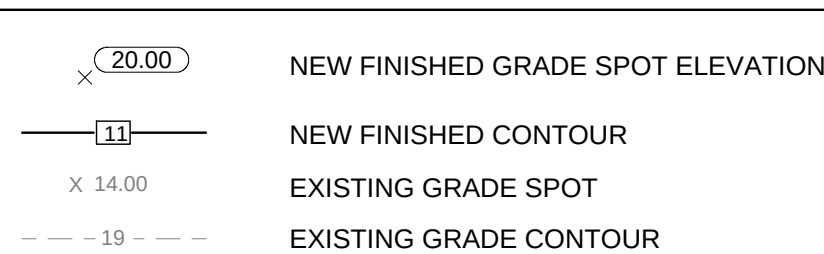
KEYNOTES:

1. INSTALL NEW 18" CURB, GUTTER & CONCRETE FLUME IAW DETAIL B/C620
2. REMOVE EXISTING CURB & GUTTER TO LIMITS SHOWN. PROVIDE FULL DEPTH SAWCUT AT LIMITS OF REMOVAL.

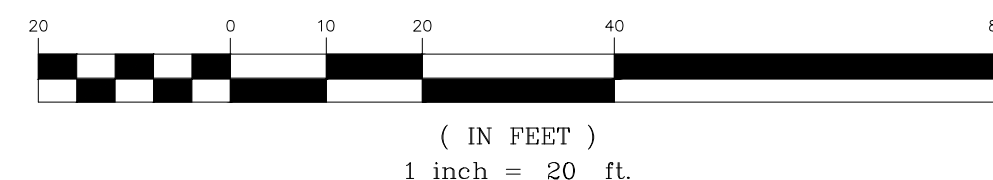
CIVIL LEGEND - SITE



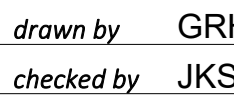
CIVIL LEGEND - GRADING

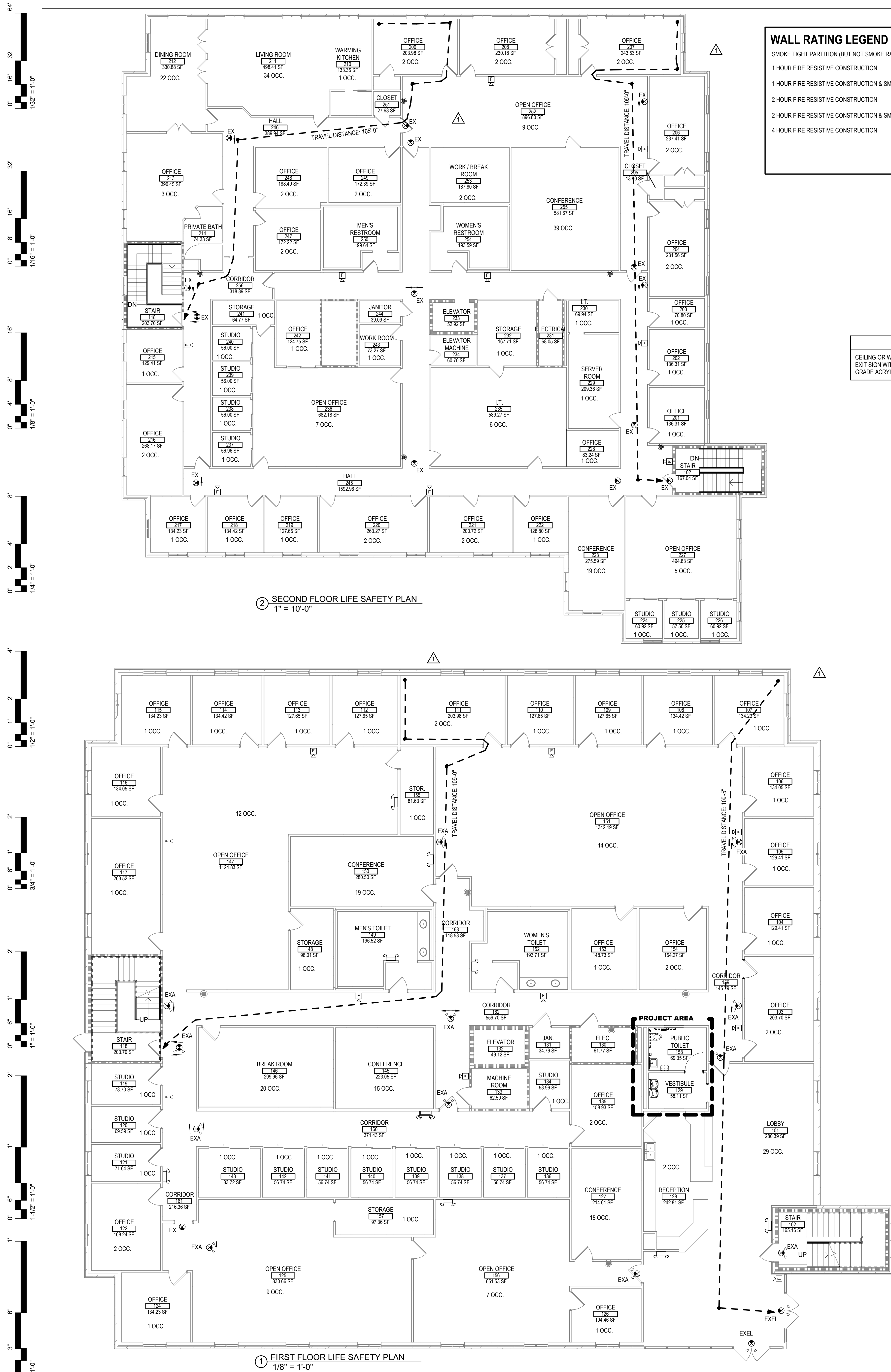


HORIZONTAL SCALE



(IN FEET)
1 inch = 20 ft





WALL RATING LEGEND

SMOKE TIGHT PARTITION (BUT NOT SMOKE RATED)

1 HOUR FIRE RESISTIVE CONSTRUCTION

1 HOUR FIRE RESISTIVE CONSTRUCTION & SMOKE BARRIER

2 HOUR FIRE RESISTIVE CONSTRUCTION

2 HOUR FIRE RESISTIVE CONSTRUCTION & SMOKE BARRIER

4 HOUR FIRE RESISTIVE CONSTRUCTION

NOTE: ALL RATED WALL TYPES TO BE LABELED ABOVE CEILINGS NO LESS THAN 15" O.C. IN LETTERING A MINIMUM OF 3" TALL.

CORRIDOR PARTITIONS, SMOKE STOP PARTITIONS, HORIZONTAL EXIT PARTITIONS, EXIT ENCLOSURES, AND FIRE RATED WALLS SHALL BE EFFECTIVELY AND PERMANENTLY IDENTIFIED WITH SIGNS OR STENCILING IN A MANNER ACCEPTABLE TO THE AUTHORITY HAVING JURISDICTION (THIS IDENTIFICATION SHALL BE ABOVE ANY DECORATIVE CEILING AND IN CONCEALED SPACES).

SUGGESTED WORDING:
"2-HOUR FIRE SMOKE BARRIER - PROTECT ALL OPENINGS."

SEE SHEETS A0-X SERIES & ELECTRICAL DRAWINGS FOR OTHER LIFE SAFETY DEVICE LOCATIONS.

SEE SHEET A6-2 FOR PARTITION CONSTRUCTION & RATINGS

TWIN HEAD EMERGENCY FIXTURE

AUDIBLE AND VISUAL FIRE ALARM

FIRE EXTINGUISHER LOCATION

EXIT SIGN LOCATION

MAXIMUM TRAVEL DISTANCE PATH

GENERAL LIFE SAFETY NOTES

1. ALL AREA OF BUILDINGS WITHIN PROJECT SCOPE SHALL RECEIVE NEW, UPDATED FIRE ALARM SYSTEM. SEE ELECTRICAL DRAWINGS.

2. ALL EXISTING WALL AND DOOR RATINGS SHOWN ARE BASED ON EXISTING BUILDING DRAWINGS PROVIDED BY OWNER OR BY PROFESSIONAL ASSUMPTION OF TYPICAL SCHOOL CONSTRUCTION. ALL EXISTING WALL AND DOOR RATINGS SHALL BE PRESERVED AND/OR REPAIRED BACK TO THEIR ORIGINAL CONDITION UPON COMPLETION OF CONSTRUCTION UNLESS SPECIFICALLY NOTED OTHERWISE IN THESE DOCUMENTS.

3. WHILE SOME EXISTING LIGHTING IS STILL FUNCTIONAL THROUGHOUT THE CAMPUS, THERE IS A NEW ELECTRICAL WALL PACK LIGHTING THROUGHOUT THE CAMPUS IN SOME AREAS TO FULLY MEET CODE. ANY REMAINING EXISTING EXTERIOR LIGHTING IS NOT REQUIRED TO MEET CODE. SEE ELECTRICAL DRAWINGS.

LIFE SAFETY SCOPE OF WORK

1. REMOVE AND REPLACE ALL EXIT SIGNS WITH APPROVED EQUAL SIGN AS DESCRIBED

DESCRIPTION	MODEL	WATTS	VOLTS	NOTES
CEILING OR WALL MOUNTED, SINGLE OR DOUBLE FACED LED EXIT SIGN WITH EVEN ILLUMINATION GREEN DIFFUSER, HIGH GRADE ACRYLIC PANEL, ALUMINUM HOUSING, BATTERY BACKUP.	LIGHTALARMS BUENG, OR EQUIVALENT OF EXITTRONIX, CHLORIDE, SURELITES, LITHONIA, OR DUELLITE	2	120/277V	PROVIDE EXIT SIGN WITH INTEGRAL EMERGENCY BATTERY BACKUP, 90 MIN. RATING. PROVIDE ALL REQUIRED MOUNTING HARDWARE FOR THE CONFIGURAITON SHOWN

BUILDING CODE ANALYSIS 2021 SOUTH CAROLINA BUILDING CODE

BASIC BUILDING CODE INFORMATION	
CONSTRUCTION CLASSIFICATION	
TYPE: VB (SPRINKLED)	(PER SCBC 503)
OCCUPANCY GROUP: B (BUSINESS OCCUPANCY)	(PER SCBC 308)

BUILDING AREA			
AREA LIMIT BY TABLE 506.2 OF SCBC:		36,000 SF	(AREA LIMITATION PER STORY)
(DO NOT INDICATE INCREASES FOR STREET FRONTAGES.)			
AREA MODIFICATION FROM EQUATION 5-5 OF SCBC:		NA SF	(MAXIMUM MODIFIED AREA PER STORY)
(INSERT APPLICABLE EQUATION FROM SCBC 506.2.1 OR 506.2.2 WITH COMPLETED CALCULATIONS IN THIS BOX) example: (EQUATION 5-2)			
$T? = T? + (T? \times T?) \quad \text{where... } Aa = A! + (NS \times !f)$			
Aa	=	Allowable area (square feet).	
A!	=	Tabular allowable area factor (NS, S!, S13R or S13D value, as applicable) in accordance with 506.2.	
NS	=	Tabular allowable area factor in accordance with 506.2 for nonsprinklered building (regardless of whether the building is sprinklered).	
!f	=	Area factor increase due to frontage (percent) as calculated in accordance with Section 506.3.	
		36,000 SF	(MAXIMUM AREA PER STORY)
TOTAL ALLOWED AREA OF BUILDING:		72,000 SF	(SUMMARY OF ALL STORIES)
AREA AS DESIGNED PER STORY:		13,994 SF 14,756 SF	(FIRST FLOOR AREA) (SECOND FLOOR AREA)
TOTAL DESIGNED AREA OF BUILDING:		28,750 SF	

	AS ALLOWED BY IBC		AS DESIGNED	
	IN FEET	IN STORIES	IN FEET	IN STORIES
ALLOWABLE STORIES & HEIGHT (PER SCBC 504.3 & 504.4)	60'-0"	3	37'-0"	2

GENERAL FIRE PROTECTION REQUIREMENTS			
SEPARATIONS			
FIREBLOCKING REQUIRED:	☒ NO	☐ YES	PER SCBC SECTION 718
DRAFTSTOPPING REQUIRED:	☒ NO	☐ YES	PER SCBC SECTION 718
SMOKE CONTROL SYSTEM REQUIRED:	☒ NO	☐ YES	PER SCBC SECTION 909
SMOKE BARRIERS REQUIRED:	☒ NO	☐ YES	PER SCBC SECTION 709
SMOKE PARTITION REQUIRED:	☒ NO	☐ YES	PER SCBC SECTION 710
FIRE PARTITION REQUIRED:	☒ NO	☐ YES	PER SCBC SECTION 708
FIRE BARRIER REQUIRED:	☐ NO	☒ YES	PER SCBC SECTION 707
ALARM & DETECTION			
FIRE ALARM SYSTEM REQUIRED:	☐ NO	☒ YES	PER SCBC SECTION 907
EMERGENCY ALARM SYSTEM REQUIRED:	☒ NO	☐ YES	PER IFC 908
SUPPRESSION			
STANDPIPES REQUIRED:	☒ NO	☐ YES	PER IFC SECTION 905
SPRINKLERS REQUIRED:	☒ NO	☐ YES	PER IFC SECTION 903
SPRINKLERS PROVIDED:	☐ NO	☒ YES	
PORTABLE EXTINGUISHERS REQUIRED:	☐ NO	☒ YES	PER SCBC 906
OTHER SUPPRESSION SYSTEMS REQUIRED:	☒ NO	☐ YES	PER IFC 904
SMOKE & HEAT VENTS REQUIRED:	☒ NO	☐ YES	PER IFC 910

CODE ITEM	REQUIRED	PROVIDED	NOTES
EGRESS WIDTH (PER SBCB SECTION 1005.3.2)	1.35"	36"	-
CORRIDOR WIDTH (PER SBCB SECTION 1020.2)	36"	-	NO CORRIDORS IN PROJECT
CORRIDOR FIRE-RESISTANCE RATING (PER SBCB TABLE 1020.1)	N/A	-	NO CORRIDORS IN PROJECT
STAIR WIDTH (PER SBCB SECTION 1005.3.1)	1.8"	-	-
COMMON PATH OF EGRESS TRAVEL (PER SBCB SECTION 1006.1.2)	100 FT	-	-
EXIT ACCESS TRAVEL DISTANCE (PER SBCB TABLE 1017.2)	200 FT	-	-
DEAD ENDS (PER SBCB SECTION 1020.4)	<20 FT	0 FT	-
MINIMUM NUMBER OF EXITS FOR OCCUPANT LOAD (PER SBCB SECTION 1006)	1	1	-
VERTICAL EXIT ENCLOSURES (PER SBCB SECTION 1023)	1	1	-
GUARDS (PER SBCB SECTION 1015)	N/A	-	-

BUILDING DESIGN OCCUPANT LOAD		
	FIRST FLOOR	SECOND FLOOR
BUSINESS CONCENTRATED (100 SF/ PERSON)	42	42
BUSINESS UNCONCENTRATED (50 SF/ PERSON)	4	5
STORAGE (300 SF PERSON)	30	45
ASSEMBLY UNCONCENTRATED (15 NET SF/ PERSON)	69	117
TOTAL OCCUPANTS	154	194

APPLICABLE CURRENT CODES	
SOUTH CAROLINA BUILDING CODE	2021 EDITION
INTERNATIONAL EXISTING BUILDING CODE	2021 EDITION
SOUTH CAROLINA FIRE CODE	2021 EDITION
INTERNATIONAL ENERGY CONSERVATION CODE	2009 EDITION
INTERNATIONAL FUEL GAS CODE	2021 EDITION
SOUTH CAROLINA MECHANICAL CODE	2021 EDITION
SOUTH CAROLINA PLUMBING CODE	2021 EDITION
INTERNATIONAL PROPERTY MAINTENANCE CODE	2021 EDITION
NATIONAL ELECTRIC CODE (NFPA 70)	2020 EDITION
NATIONAL ELECTRICAL SAFETY CODE	2017 EDITION
ICC/ANSI 117.1 ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES	LATEST EDITION
STATE FIRE MARSHAL RULES, REGULATIONS AND POLICIES	LATEST EDITION
SOUTH CAROLINA ELEVATOR, CODE, AND REGULATIONS	LATEST EDITION

G M K
ASSOCIATES, INC.
Design/Planning/Construction/Interior Designers
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Columbia, S.C. 29201
tel. 803-256-0000
fax. 803-255-7243

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owner
**SOUTH CAROLINA
DEPARTMENT OF
BEHAVIORAL HEALTH AND
DEVELOPMENTAL
DISABILITIES**

project name
**ANDERSON MHC BUILDING
IMPROVEMENTS**

state project number
J12-9865-JM
A/E project number
25005.01

seals/signature

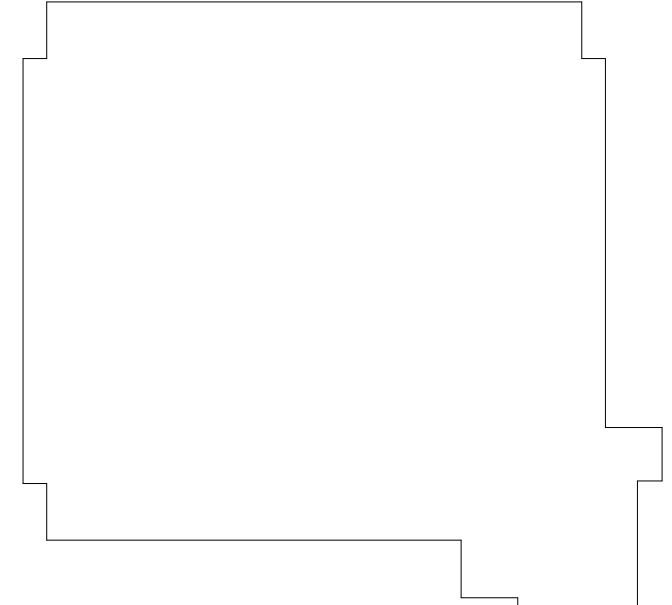


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SEPTEMBER 17, 2026

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key plan



sheet title
**LIFE SAFETY PLANS AND CODE
DATA**

sheet number

A0.1

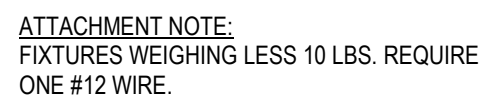
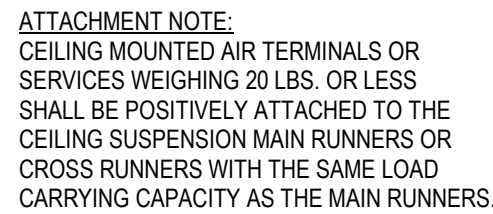
drawn by GRH

checked by JKS

TEMPORARY PROTECTION NOTES



CEILING FIXTURE LEGEND



GENERAL NOTES - RCP:

-

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



Design/Planning/Construction/Interior Designers
1201 Main Street, Suite 2100
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consultants

25 WOODS LAKE ROAD
SUITE 210
GREENVILLE, SC 29607
Office 864-751-9121 / Direct 864-751-9123 / Mobile 843-906-7098

project name

state project number

A/E project number
05005.01

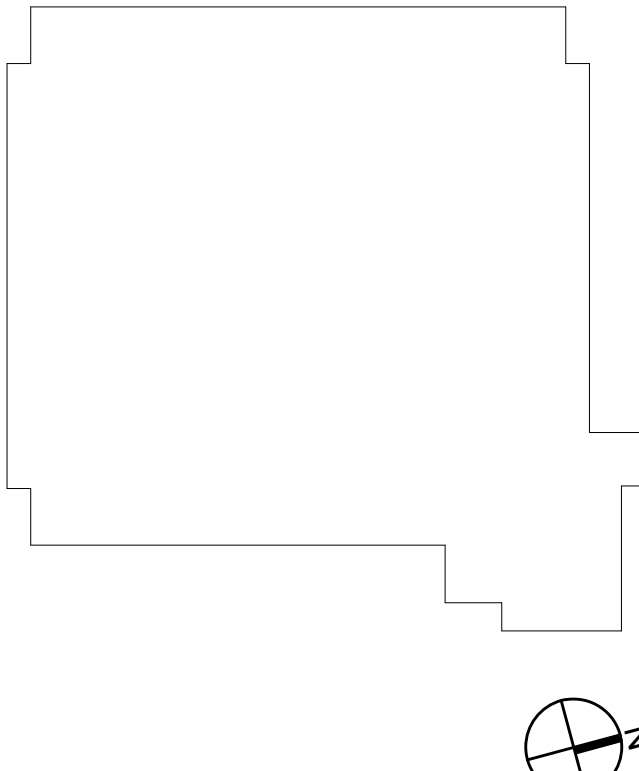
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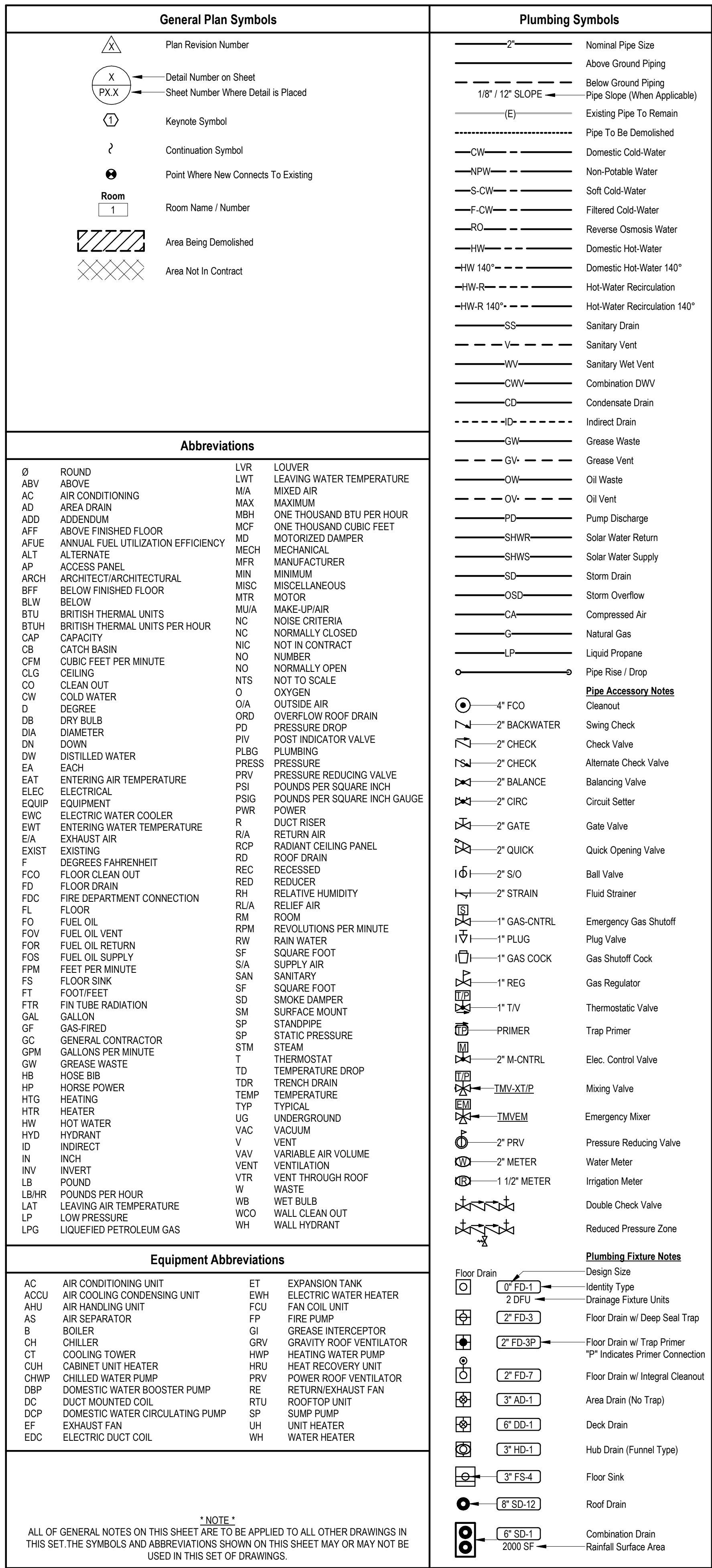
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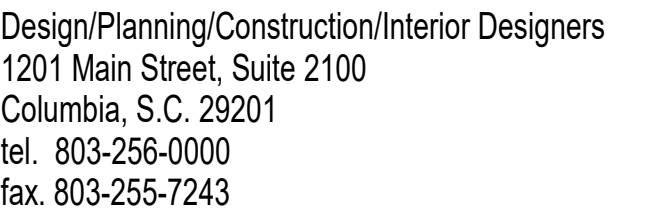


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owner

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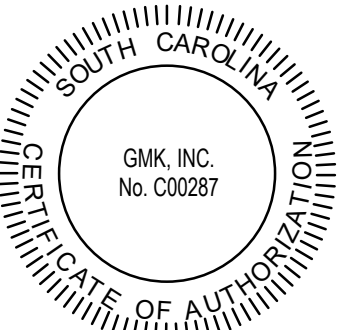
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state project number

J12-9865-JM

A/E project number

seals/signature

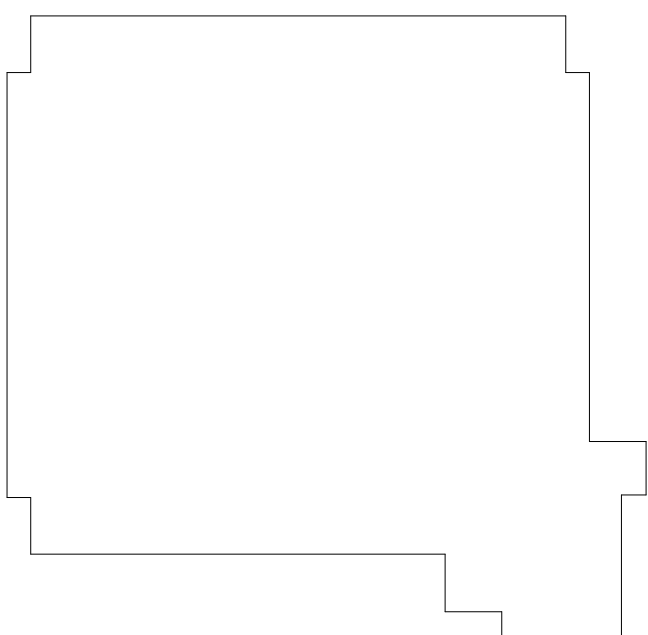


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sheet title

DWV PLAN

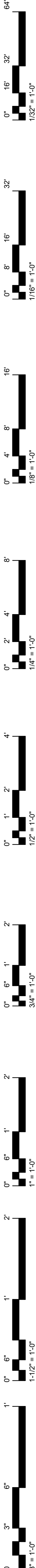
sheet number

P2.0

drawn by TES

checked by TES

1 BELOW GRADE DWV PLAN
P2.0 1/8" = 1'-0"



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**SOUTH CAROLINA
DEPARTMENT OF
BEHAVIORAL HEALTH AND
DEVELOPMENTAL
DISABILITIES**

project name

**ANDERSON MHC BUILDING
IMPROVEMENTS**

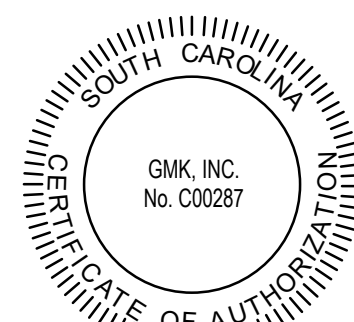
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J12-9865-JM

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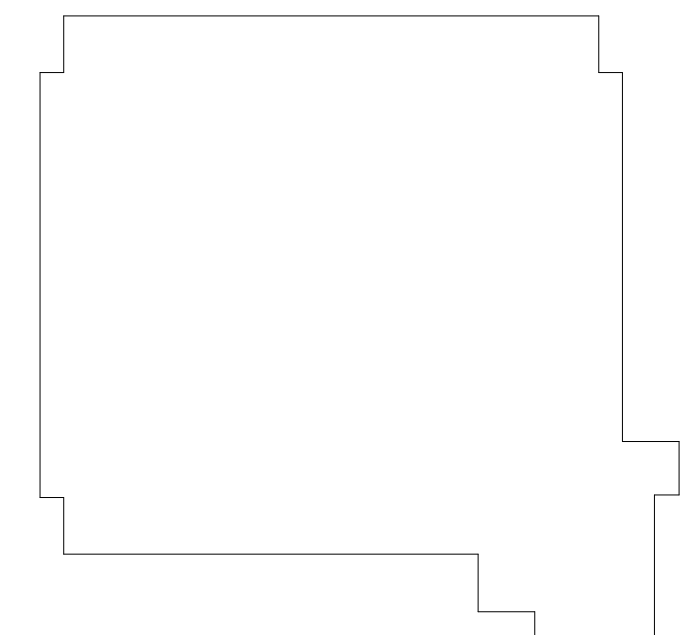


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DWV PLAN

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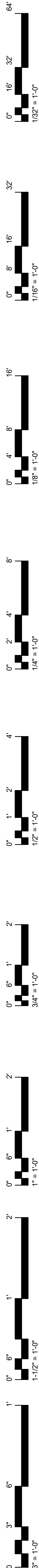
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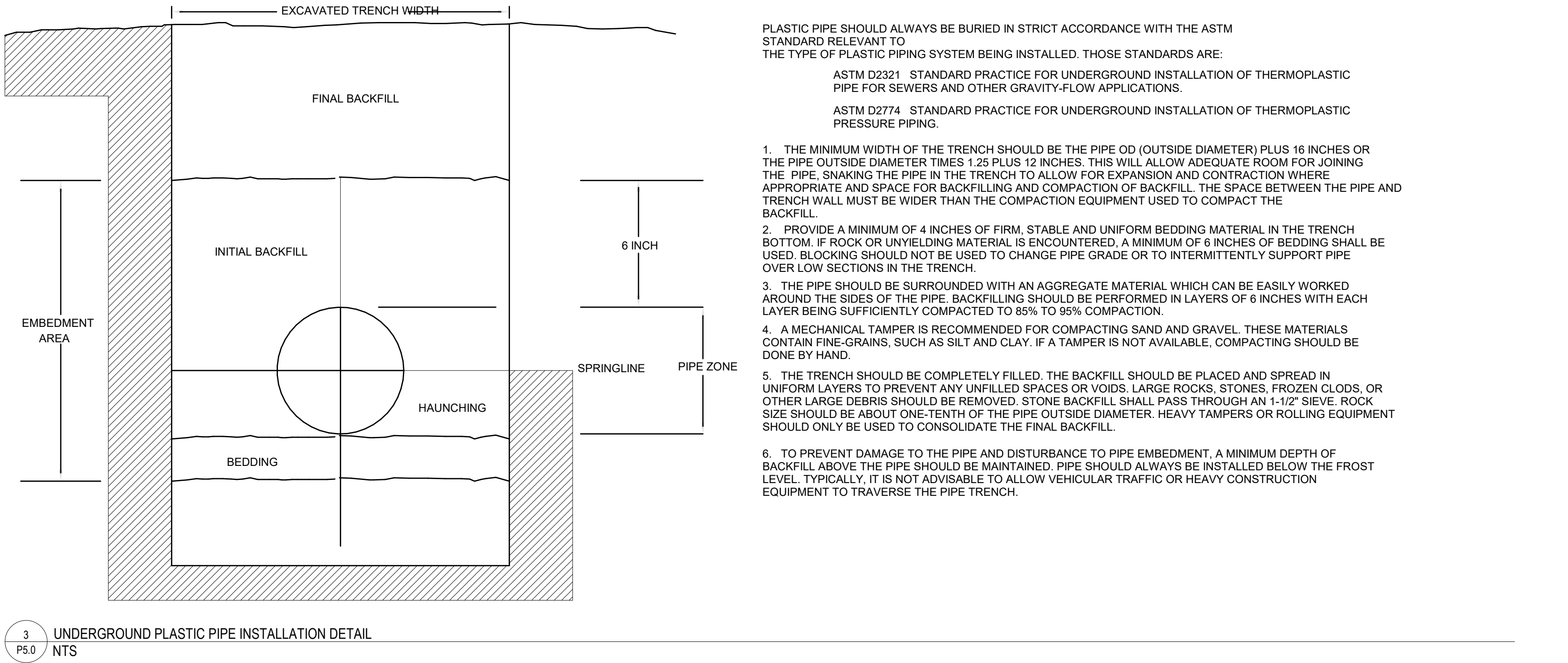
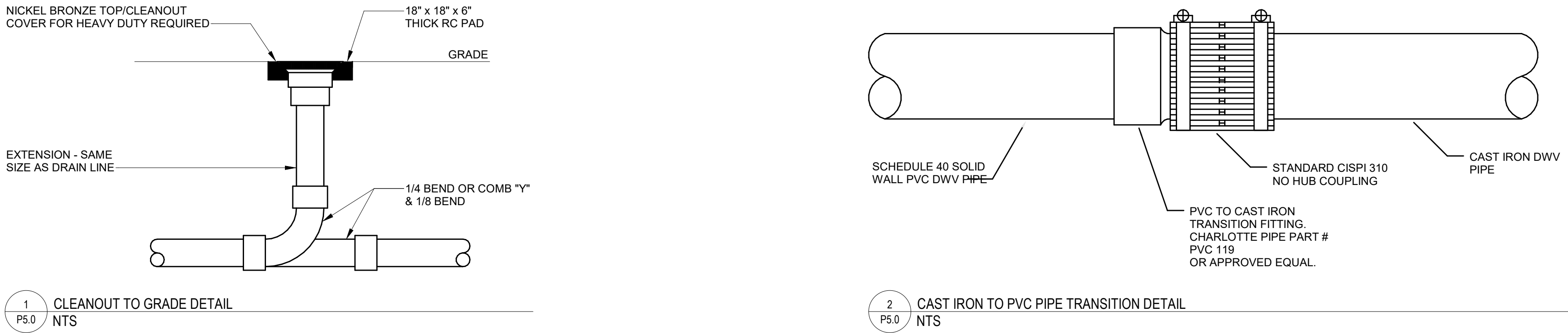
1 ABOVE GRADE DWV PLAN
P2.1 1/8" = 1'-0"

checked by TES



FIXTURE TAG	FIXTURE				TRIM			SENSORED	FLOWRATE		ROUGH-IN CONNECTION				REMARKS	IMAGES
	TYPE	MANUFACTURER	MODEL	COLOR/FINISH	MFG	MODEL	COLOR/ FINISH		GPM	GPF	CW	HW	SAN	VENT		
EWC-1	ADA BI-LEVEL DRINKING FOUNTAIN WITH BOTTLE FILLER	ELKAY	LZSTL8WSSP	STAINLESS STEEL	N/A	N/A	N/A	N/A	N/A	N/A	1/2"	N/A	2"	2"	ADA, QUICK SERVICE ACCESS, FILTER, 8 GPH. PROVIDE QUARTER TURN KEYSTOP & SUPPLIES. IN-WALL CARRIER. PROVIDE WITH SA-A HAMMER ARRESTOR.	
FCO	FLOOR CLEANOUT	ZURN	Z1400-BZ1	ROUND EXTRA HEAVY DUTY NB TOP	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	AS NOTED ON PLANS	N/A	COATED CAST IRON CLEANOUT, HEAVY DUTY, ROUND ADJUSTABLE SCORIATE SECURED NICKEL BRONZE TOP, BRONZE PLUG W/GASKET SEAL, FLANGE W/FLASHING CLAMP, VANDAL PROOF TOP.	
LAV-1A	LAVATORY - WALL HUNG - ADA	KOHLER	GREENWICH K-2030-N-0	WHITE	KOHLER	TRITON BOWE K600T20-SANA-CP	POLISHED CHROME	N/A	0.5	N/A	1/2"	1/2"	2"	2"	LAVATORY: VC, ADA, OVERFLOW, WIDE SPREAD, CONCEALED ARM CARRIER INSTALLATION. FAUCET: WIDESPREAD, BLADE HANDLES, ADA COMPLIANT, ASSE 1070 BELOW DECK THERMOSTATIC MIXING VALVE (MIN. FLOW 0.25 GPM & INTEGRAL CHECK VALVES), TRIM: 17-GA CP BRASS OFFSET TAILPIECE WITH CP GRID STRAINER, 1-1/2" 17-GA CP P-TRAP W/C.O. PLUG, 1/4 TURN CP BALL VALVE KEYSTOPS WITH BRAIDED SUPPLIES (PROVIDE EXTRA SUPPLY LINES AS NECESSARY). PROVIDE TRUEBRO ADA-WRAP ON ALL EXPOSED PIPE. PROVIDE W/FLOOR MOUNTED CONCEALED ARM CARRIER.	
WCO	WALL CLEANOUT	ZURN	Z1446	SS COVER	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	COATED CAST IRON CLEANOUT TEE, POLISHED SS ACCESS COVER, BRONZE PLUG, VANDAL PROOF SCREWS	
WC-1A	WATER CLOSET - WALL HUNG (ADA)	AMERICAN STANDARD	AFWALL	WHITE	SLOAN	ROYAL 111	CHROME	N/A	N/A	1.28	1"	N/A	4"	2"	WC: ADA, WALL MOUNTED, VC, 1.28 GPF, ELONGATED BOWL, CONDENSATION CHANNEL, 1-1/2" INLET SPUD, FULLY GLAZED TRAPWAY, SIPHON JET ACTION, RIM HEIGHT=16-1/2". FLUSH VALVE: DUAL FILTERED BYPASS, ANGLE STOP BUMPER, TOP SPUD CONNECTION, 1" CONTROL/ANGLE STOP W/VANDAL RESISTANT STOP CAP, MOUNT WITH HANDLE ON THE OPEN SIDE OF THE ROOM/STALL SEAT: SOLID PLASTIC, ELONGATED, OPEN-FRONT, SELF-SUSTAINING SS CHECK HINGE. PROVIDE WITH SA-A HAMMER ARRESTOR, FLOOR MOUNTED CARRIER (ZURN, J.R. SMITH, MIFAB OR EQUAL).	

WATER HAMMER ARRESTERS						
UNIT TAG	SA-A	SA-B	SA-C	SA-D	SA-E	SA-F
PDI FIXTURE UNITS	1-11	12-32	33-60	61-113	114-154	155-330
PDI UNIT SIZE	A	B	C	D	E	F
NOTES: 1. PROVIDE ASSE 1010 CERTIFIED DEVICE. 2. PROVIDE WITH ARRESTOR FROM SIOUX CHIEF, ZURN, PPP, OR MIFAB. 3. LISTED TO BE INSTALLED AT ANY ANGLE.						



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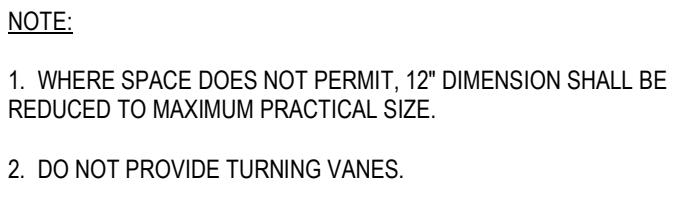
sheet title
**PLUMBING SCHEDULES &
DETAILS**

sheet number

P5.0

drawn by TES

checked by TES



checked by JDR

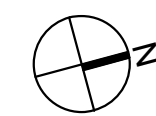




DEMOLISH AND REMOVE ALL EXISTING FIRE ALARM DEVICES AS IT RELATES TO THE ENTIRE FIRE ALARM SYSTEM LOCATED ON THE 2ND FLOOR. THIS SHALL INCLUDE BUT NOT BE LIMITED TO ALL HORNS, STROBES, HORNSTROBES, SMOKE DETECTORS, DUCT SMOKE DETECTORS, HEAT DETECTORS, PULL STATION, FIRE ALARM CONTROL PANEL, CONDUCTORS AND WIRING. REMOVE ALL EXISTING WIRING AND WIRE. FOR ALL DEMOLISHED WALL MOUNTED FIRE ALARM DEVICES REPAIR THE WALL TO THE CONDITION OF THE REMAINING WALL. ALL OTHER ELECTRICAL DEVICES SHALL REMAIN AS-IS UNLESS OTHERWISE NOTED.

DISCONNECT AND REMOVE EXISTING FACP BREAKER IN PANELBOARD. SEE SECOND FLOOR RENOVATION PLAN FOR NEW FACP BREAKER.

EXISTING EXIT LIGHT(S) AND EMERGENCY RESPONSE HEAD(S), INCLUDING DEVICES NOT SHOWN ON THE EXISTING LAYOUT BUT LOCATED WITHIN THE PROJECT AREA, SHALL BE DISCONNECTED, REMOVED, AND THE EXISTING CONDUIT AND WIRING SHALL BE REMOVED. ALL DEVICES SHALL REMAIN AS-IS AND BE PROTECTED DURING DEMOLITION UNLESS NOTED OTHERWISE.





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A circular seal for the State of South Carolina. The outer ring contains the text "SOUTH CAROLINA" at the top and "CERTIFICATE OF AUTHORIZATION" at the bottom, separated by small vertical lines. In the center of the seal, it reads "GMK, INC." and "No. C00287".

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date
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[illegible]

key plan



The key plan shows the layout of the site. It includes a large rectangular building footprint, a smaller rectangular structure to the right, and a circular feature at the bottom right. A north arrow is located in the bottom right corner of the plan.

sheet title

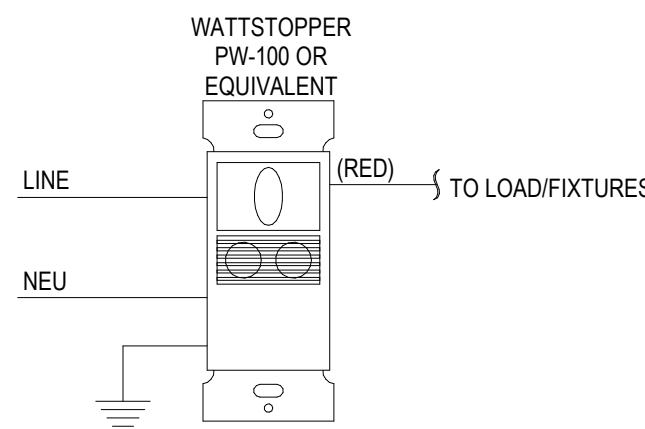
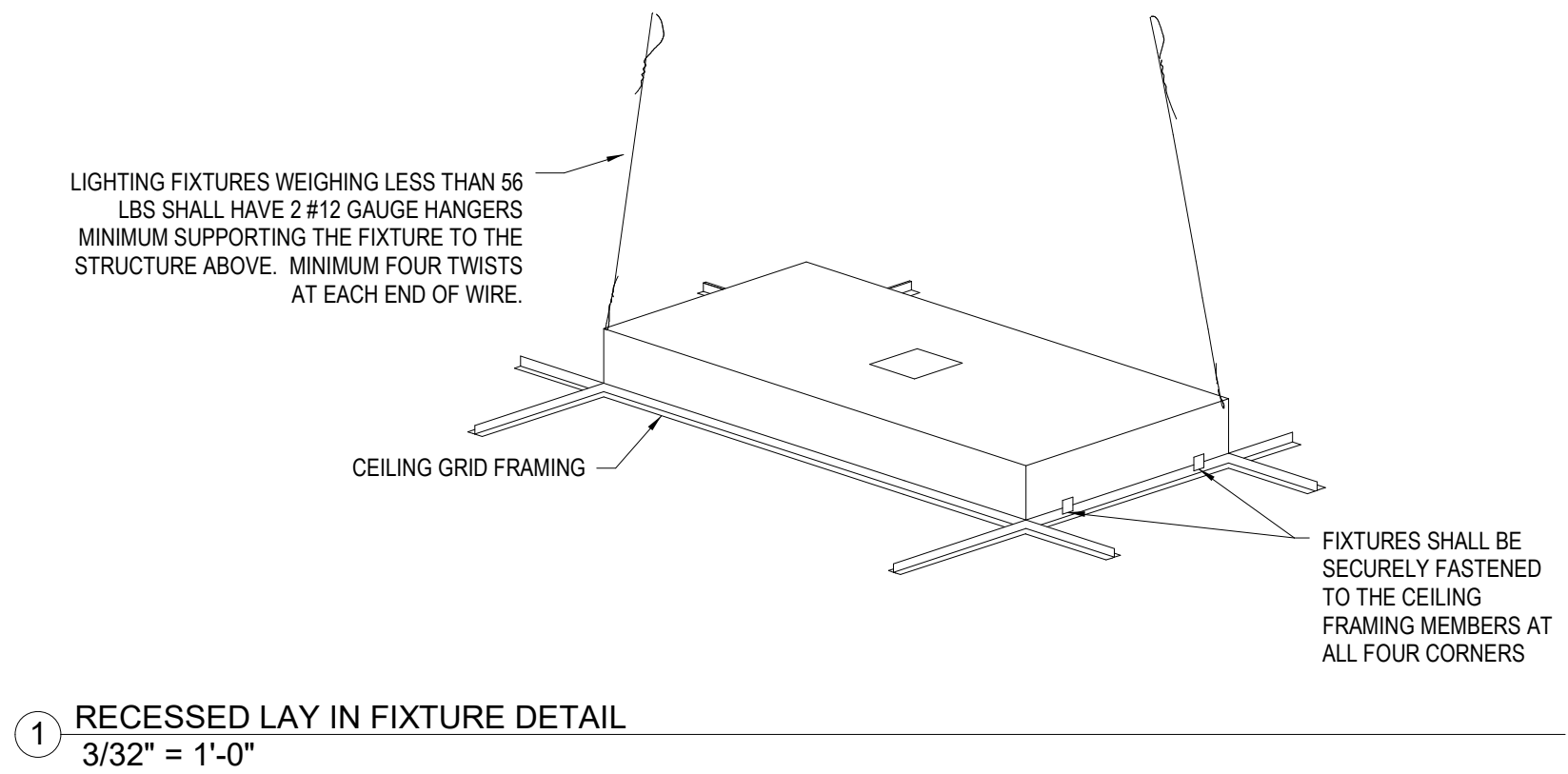
**ELECTRICAL SCHEDULES AND
DETAILS**

sheet number

E3.1

<i>drawn by</i>	TLK
<i>checked by</i>	RMI

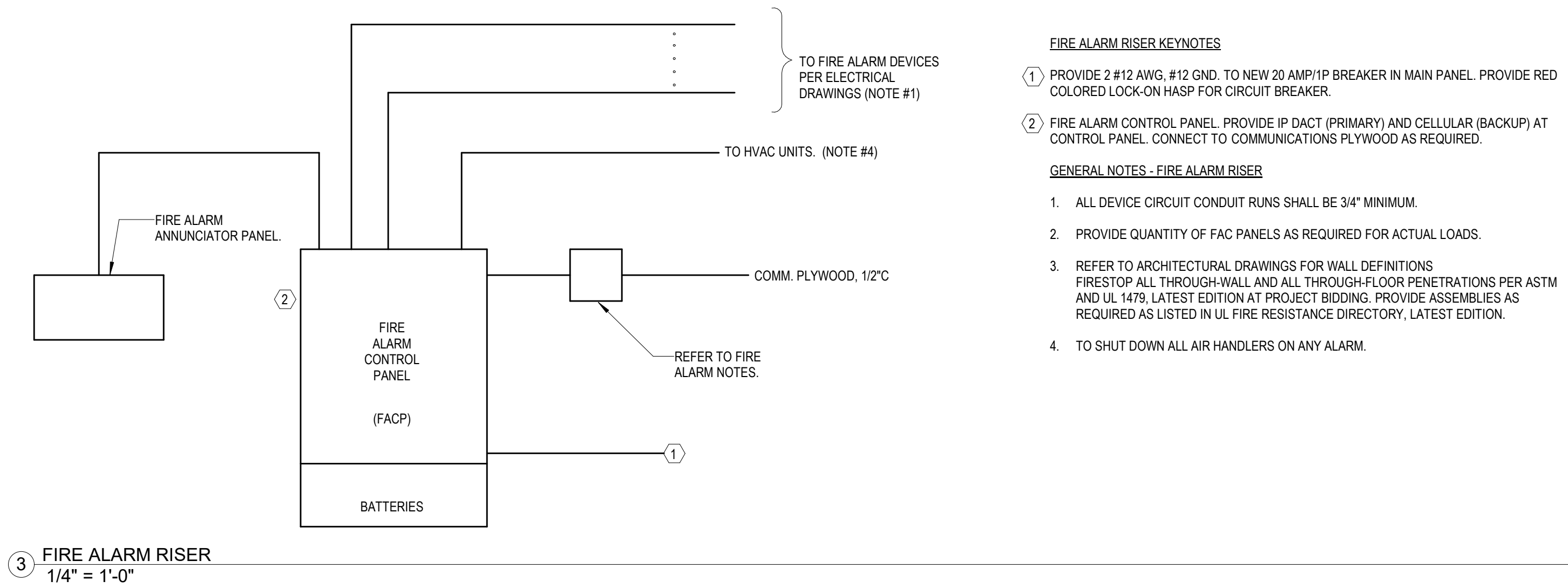
LIGHTING FIXTURE SCHEDULE					
Type	Description	Manufacturer	Model	Input Wattage	Comments
A1-1	2x2 RECESSED LED FIXTURE WITH 0-10V DIMMING CAPABILITY. PROVIDE THE FOLLOWING: 3200 LUMEN OUTPUT, 124LPW, 80CRI, 3500K.	LITHONIA	CPX-2x2-AL07-80CRI-40K-SWL-MIN1-MVOLT OR EQUAL	30W	
A1-2	2x2 RECESSED LED FIXTURE WITH 0-10V DIMMING CAPABILITY. PROVIDE THE FOLLOWING: 3200 LUMEN OUTPUT, 124LPW, 80CRI, 3500K.	H.E. WILLIAMS	SQRG-22-L42-835-FFG125-DIM-UNV OR EQUAL	30W	
A1-3	2x2 RECESSED LED FIXTURE WITH 0-10V DIMMING CAPABILITY. PROVIDE THE FOLLOWING: 3200 LUMEN OUTPUT, 124LPW, 80CRI, 3500K.	DAYBRITE	2FP230L835-2-DS-UNV-DIM	30W	
EM	EMERGENCY WALL PACK LIGHT WITH INTEGRAL BATTERY BACKUP. PROVIDE MINIMUM 1100 LUMENS, 90 MIN. RUNTIME.	HE WILLIAMS OR EQUIVALENT OF LIGHTALARMS, SURELITES, LITHONIA	EMER/CP/ADJ/LED-WHT-D	3W	
EX	SINGLE FACED, CEILING MOUNTED, GREEN LED EXIT SIGN ON WHITE HOUSING WITH BATTERY BACKUP	HE WILLIAMS OR EQUIVALENT OF LIGHTALARMS, SURELITES, LITHONIA	EXIT-G-EM-WHT-SF-D	2W	PROVIDE EXIT SIGN WITH INTEGRAL EMERGENCY BATTERY BACKUP, 90 MIN. RATING, PROVIDE ALL REQUIRED MOUNTING HARDWARE.
EXA	COMBINATION EMERGENCY LIGHT / EXIT SIGN WITH GREEN LED ON WHITE HOUSING. BATTERY BACKUP. REMOTE CAPACITY	HE WILLIAMS OR EQUIVALENT OF LIGHTALARMS, SURELITES, LITHONIA	EXIT/EL/LED-G-WHT-SF-RC-D	2W	PROVIDE EXIT SIGN WITH INTEGRAL EMERGENCY BATTERY BACKUP, 90 MIN. RATING, PROVIDE ALL REQUIRED MOUNTING HARDWARE.
EXEL	DOUBLE FACED, CEILING MOUNTED, EDGE-LIT GREEN EXIT SIGN WITH BATTERY BACKUP	HE WILLIAMS OR EQUIVALENT OF LIGHTALARMS, SURELITES, LITHONIA	EXIT/EL/RECESSED-DF-G-MP-AN-EM	2W	PROVIDE EXIT SIGN WITH INTEGRAL EMERGENCY BATTERY BACKUP, 90 MIN. RATING, PROVIDE ALL REQUIRED MOUNTING HARDWARE.
RH	EXTERIOR EMERGENCY REMOTE HEAD, BATTERY BACKUP, MOUNTED ABOVE EXTERIOR DOOR	LIGHTALARMS OR EQUIVALENT OF HE WILLIAMS, SURELITES, LITHONIA	ELF3-LD1-B6	4W	



AUTOMATIC WALL SENSOR SWITCH ^{\$OC}
TYPICAL SINGLE RELAY WIRING SCHEMATIC
NO SCALE

- NOTES:
1. SCHEMATIC IS REPRESENTATIVE OF WATTSTOPPER PW/DW-100 AND DSW-100. CONNECTION REQUIREMENT AND COLOR CODING MAY DIFFER BETWEEN MANUFACTURERS. FOLLOW MANUFACTURERS INSTALLATION INSTRUCTIONS.
 2. WHERE APPLICABLE, CONNECT EXITS SIGNS, BATTERY PACKS FOR EGRESS LIGHTING, AND NIGHT LIGHTS LINE SIDE OF AUTOMATIC WALL SWITCH SENSORS

② OCCUPANCY SENSOR WALL SWITCH DETAIL
3/32" = 1'-0"



③ FIRE ALARM RISER
1/4" = 1'-0"

FIRE ALARM RISER KEYNOTES

- ① PROVIDE 2 #12 AWG, #12 GND. TO NEW 20 AMP/1P BREAKER IN MAIN PANEL. PROVIDE RED COLORED LOCK-ON HASP FOR CIRCUIT BREAKER.
- ② FIRE ALARM CONTROL PANEL. PROVIDE IP DACT (PRIMARY) AND CELLULAR (BACKUP) AT CONTROL PANEL. CONNECT TO COMMUNICATIONS PLYWOOD AS REQUIRED.

GENERAL NOTES - FIRE ALARM RISER

1. ALL DEVICE CIRCUIT CONDUIT RUNS SHALL BE 3/4" MINIMUM.
2. PROVIDE QUANTITY OF FAC PANELS AS REQUIRED FOR ACTUAL LOADS.
3. REFER TO ARCHITECTURAL DRAWINGS FOR WALL DEFINITIONS FIRESTOP ALL THROUGH-WALL AND ALL THROUGH-FLOOR PENETRATIONS PER ASTM AND UL 1479, LATEST EDITION AT PROJECT BIDDING. PROVIDE ASSEMBLIES AS REQUIRED AS LISTED IN UL FIRE RESISTANCE DIRECTORY, LATEST EDITION.
4. TO SHUT DOWN ALL AIR HANDLERS ON ANY ALARM.