FIRE STATION #4

109 Forest Hills Rd NW Wilson, NC 27893

Name of Project: Improvem	ents for Fire Station #4					1			<u>ALLOWA</u>	BLE HEIG	HT_			
Address: 109 Forest Hills R					Zip Code: 27893	B 30 W 1 = =	-504 2° 2	AI	LOWABLE	S	HOWN ON P	LANS	CODE REFE	RENCE 1
wner or Authorized Agent : _	City of Wilson			E-N		Building Height in Feet (Table Building Height in Stories (Ta			60' 2		<23' 1		X X	
wned By:	City / County	☐ Priva			State	Provide code reference in		on Plans' quan		ed on Table 504.3	<u> </u>		^	
de Enforcement Jurisdiction	n: City Wilson	Cour	ity		State North Carolina	The maximum height of	air traffic co	ontrol towers m	ust comply wi	th Table 412.3.1.				
ONTACT :		Robert S. Bartlett P.E.				The maximum height of	open parking	g garages must	comply with	Гable 406.5.4.				
ESIGNER FIRM		NAME	LICENSE #	TELEPHONE #	E-MAIL									
ilding Bartlett Eng	ineering & Surveying, PC	Robert S. Bartlett	20106	252.399.0704	robert@bartletteng.com					TANCE RAT	<u>rings</u>	EXISTING TO	REMAIN	_
	ineering & Surveying, PC	Robert S. Bartlett Robert S. Bartlett	20106	252.399.0704	robert@bartletteng.com	BUILDING ELEME		FIRE SEPARATION		TING PROVIDED (W/ 0 *	DETAIL# AND	DESIGN # FOR RATED	SHEET # FOR RATED	SHEET
	ineering & Surveying, PC ineering & Surveying, PC	Robert S. Bartlett	<u>20106</u> <u>20106</u>	252.399.0704 252.399.0704	robert@bartletteng.com robert@bartletteng.com			DISTANCE (FEET)	REQUIRED	REDUCTION)	SHEET #	ASSEMBLY		RATE JOINT
	ineering & Surveying, PC	Robert S. Bartlett	20106	252.399.0704	robert@bartletteng.com	Structural frame, including col girders, trusses	umns,	N/A	0 HOUR					
	ineering & Surveying, PC	Robert S. Bartlett	20106	252.399.0704	robert@bartletteng.com	Bearing walls Exterior								
ruct Metal Bldg.						North East			0 HOUR 0 HOUR					
ruct Framing ructural - Fnd. Bartlett Eng	ineering & Surveying, PC	Robert S. Bartlett	20106	252.399.0704	robert@bartletteng.com	West South			0 HOUR 0 HOUR					+
her						Interior Nonbearing walls and partition			OTIOOIX					
18 NC BUILDING CODE	: New Building Addi	tion Renovation				Exterior	is		0 HOUR					
	1st Time Interior Compl					North East								
		nly - (Contact the local inspect Contact the local inspection jur			* /	West South								
18 NC EXISTING BUILD		Contact the local hispection jur	isdiction for poss	iote additional procedures	and requirements.	Interior walls and partitions Floor Construction			0 HOUR					-
		Additions Change of			- · ·	including supporting beams a Floor Ceiling assembly	nd joists		0 HOUR					
-		Alteration Level II Alteration Additions Change of			Historic Change of Use	Columns Supporting Floor								
•			, R-3, B			Roof Construction including supporting beams a Roof Ceiling assembly	nd joists							
, ,	CURR PROP	ENT USE(s) (CII. 3)	I, R-3, В			Columns Supporting Roof								
	1604.5) Current: I] II				Shafts Enclosures - Exit Shafts Enclosures - Other				_				_
	Proposed: I	II III IV				Corridor Separation Occupancy/Fire Barrier Separation	ation							
						Party/Fire Wall Separation Smoke Barrier Separation								1
ASIC BUILDING I		···· ·				Smoke Partition Tenant/Dwelling Unit/Sleepin	g Unit Con-	ration						
nstruction Type:	· · · · · · · · · · · · · · · · · · ·	☐ III-A ☐ III-B	☐ IV	□ V-A 図 V-B		Incidental Use Separation			0 HOUR					
orinklers: NO	Partial XES [NFPA 13 NFP	_	NAPA 13D		*Indicates section number perm	itting reduct	ion.						
andpipes : ⊠ NO ☐ re District : ⊠ NO ☐		II ☐ III ☐ Wet Flood Hazard Area: ☒ No					PERCE	ENTAGE (OF WALI	. OPENING	CALCUI	LATIONS	EXISTING TO) REMAIN
		act the local inspection jurisdic		dditional procedures and	requirements.)	FIRE SEPARATION DISTA		DEGREE OF ROTECTION (OWABLE AR	EA A	ACTUAL SHOWN	ON PLA
		GROSS BUILDIN	C ADEA .			(FEET) FROM PROPERTY L	INES PI			5)	(%)		(%)	
LOOR	EXISTING (SQ. FT.)	NEW (SQ.		SUB-TO	OTAL	N/A		N/A	7		N/A		N/A	
th Floor														
th Floor														
th Floor														
2nd Floor Mezzanine						Farmer L'Ada	<u>]</u>			TEM REQU	IREMEN	TS EXIS	TING TO REMAIN	1
l stFloor	6,227 SF	0 SF		6,227 S	F	Emergency Lighting: Exit Signs:			⊠ Yes ⊠ Yes					
OTAL :	6,227 SF	0 SF		6,227 S		Fire Alarm:			☐ Yes ☐ Yes [NIDHTC . CO	TONG		
						Smoke Detection Systems: Carbon Monoxide Detection:			Yes	Partial, HVAC	, UNITS ≥3.0	TONS		
imary Occupancy Classific Assembly (303) Business (304) Educational (305)	cation(s) (check all that apply A-1 A-2						LS-1	LIFE SA	FETY PL	AN REQUI	REMENT	rs.		
Factory (306) Hazardous (307) Institutional (308) I-3 Con Mercantile (309)	H-1 Detonate		_	4 Health	НРМ	Assumed and real p Exterior wall openii Existing structures of the control of t	ng area with within 30 of each area as each area	respect to dist the proposed b s it relates to oc	ance to assume	ed property lines (
Residential (310) Storage (311)	☐ R-1 ☐ R-2 ☒ I ☒ S-1 Moderate		High-Piled			Common path of tra	vel distance	*	2.1 & 1006.3.	2(1))				
Hillim on J.M. (242)	Parking Garage	Open Enclosed	Repair Garage			Dead end lengths (1 Clear exit widths fo		oor						
Utility and Misc. (312) ccessory Occupancy Classi						Maximum calculate	d occupant	load capacity e	ach exit door	can accommodate	based on egre	ss width (1005.3	3)	
cidental Uses: (Table509)						Actual occupant loa A separate schemat			e rated floor/o	ceiling and/or roo	structure is n	ovided for num	oses of occupancy s	separation
	st Code Sections) 5 - List Code Sections)					Location of doors w	ith panic ha	rdware (1010.1	.10)	· ·	•	rP	· £ / -	
ived Occupancy: NO	X YES Separation: Exi	sting to Remain Hour F	excention :			Location of doors w		C		• (.7)			
Non-Separated Mi	ο <i>γ</i> α _j	required type of construction for oplying the height and area lim pancies to the entire building.	rations for each o	i the appheasic		Location of doors ed	quipped with	n hold-open dev	rices	. •- /				
	cons	pancies to the entire building. truction, so determined, shall ap	ply to the entire b	ouilding.		Location of emerge The square footage		` '						
Separated Use (50)	8.4) - See below for area calcushall be such that the such	lations for each story, the area on of the ratios of the actual floo	of the occupancy r area of each			The square footage The square footage		` '	nt for Occupar	ncy Classification	-2 (407.5)			
		rable floor area for each use shall		37.1	o Plan Pavious	Note any code exce	ptions or tab	ole notes that n	nay have been	utilized regarding	the items abov	re		
	Existing to Remain Existing to Remain	+ Existing Existing	to Remain	All Ex	o Plan Reviewer: isting Structural Elements & Exterior to remain. Existing Interior Walls at			ACCI	SSIBLE	DWELLING	UNITS			
	Existing to Kemain	Existing	w Kemam	demo	locations shown to be replaced/repaired ch existing.		E	JOIDI E		TION 1107)	TVPE ~	TOTATO TO	= -	
		(A)	(B)	(C)	(D)	TOTAL UNITS ACCESSIBL UNITS REQUIRED N/A N/A	UNI	ITS U IDED REC	NITS	UNITS	TYPE B UNITS EQUIRED N/A	TYPE B UNITS PROVIDED N/A	ACCESSIBL PROVII	LE UNITS IDED
TORY DESCR NO. AND		BLDG ÅREA PER STORY (ACTUAL)	TABLE 506.2		FAGE ALLOWABLE AREA PER STORY OR UNLIMITED ^{2,3}					BLE PARKI	NG			
1 S-1 OCCI		1,982 SF	56,000	N/A		LOT OR PARKING	TOTAL	# PARKING S	` .	FION 1106) # ACCI	SSIBLE SPA	CES PROVIDE	ED TO	OTAL #
1 B OCCU 1 R-3 OCCU	PANCY	1,075 SF 2,732 SF	54,000 Unlimited	N/A N/A		AREA DESIGNATION	REQUIRE		MIDED 1	# ACCE REGULAR WITH S' ACCESS AISL	132" ACC	ESS 8' ACC	ESS ACCI	OTAL # CESSIBLE S PROVID
11-3 0001		2,752 01	J.IIIIIIIIII	14//4			N/A		V/A	N/A	N/A	N/A	1	N/A
						TOTAL	N/A N/A		V/A	N/A N/A	N/A N/A	N/A N/A		N/A N/A
	creases from Section 506.3 are cronts a public way or open spa	computed thus: ce having 20 feet minimum wid	th =(F)		TOTAL								
b. Total Building Pe c. Ratio (F/P) =	rimeter =(P)	ū	(PLUMBI		URE REQU	REMEN'	<u>rs</u> exis	TING TO REMAIN	1
d. W = Minimum wi	dth of public way =								(TAB	LE 2902.1)				
 e. Percent of frontag 	e increase $I = 100 [F/P - 0.2]$	25] x W/30 =(%)				TIOT	WATER CL	OSETS	IIDINIAT O	LAVA		SERVICE	DRINKING F	FOUNT!
Unlimited area applicat	ble under conditions of Sections	5 (507)				USE MAL	E FEMA	LE UNISEX	URINALS 1	MALE FEN	IALE UNIS	EX SINK	REGULAR .	ACCESS
Unlimited area applicate Maximum Building Are	ble under conditions of Sections	s (507) he building x D (maximum 3 sto	ories) (506.2).			USE MAL		LE UNISEX	URINALS 1 0	MALE FEM			'	

Frontage increase is based on the unsprinklered area value in Table 506.2.

BARTLETT ENGINEERING & SURVEYING, PC

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SITE CIVIL

BUILDING & LEAD DESIGN PROFESSIONAL

2018 A	APPEND	IX I	3 E	BUIL	.DIN	G	COL	DE	SUMMARY
			ALLOV	VABLE HE	<u>IGHT</u>				SPECIAL APPR
Zip Code: 27893	Building Height in Feet (Table	504.3) ²	ALLOWABI	LE	SHOWN ON I	PLANS	CODE REFE	RENCE 1	Special approval: (Local Jurisdiction, Department of Insur
:	Building Height in Stories (Tab	le 504.4) ³	2		1		Х		
State State North Carolina	Provide code reference if The maximum height of a	ir traffic control tov	vers must comply	with Table 412.	3.1.				
MAH.									ENERGY SUM
MAIL			FIRE RES	STANCE F	ATINGS	EXISTING TO	REMAIN		ENERGY REQUIREMENTS: The following data shall be considered minimum ar
obert@bartletteng.com obert@bartletteng.com		FIRI SEPARA		RATING PROVIDI	DETAIL#	DESIGN#	SHEET#	SHEET # FOR	the energy code shall also be provided. Each Design the project information for the plan data sheet. If po
obert@bartletteng.com	BUILDING ELEMEN	DISTA:	NCE REQUIR		* AND SHEET#	FOR RATED ASSEMBLY		RATED JOINTS	energy cost for the standard reference design vs and design.
obert@bartletteng.com obert@bartletteng.com	Structural frame, including colu				JN)			JOHNIS	Existing building envelope complies with code: [
obert@bartletteng.com	girders, trusses Bearing walls	14//	01100						Exempt Building: NO YES (Provide code
	Exterior North		0 HOU	R					Climate Zone: ⊠ 3A ☐ 4A ☐ 5A Method of Compliance: Energy Code
	East West		0 HOU	R					ASHRAE 90.1
obert@bartletteng.com	South		0 HOU						THERMAL ENVELOPE : (Prescriptive method o Roof/Ceiling Assembly (each assembly)
	Interior Nonbearing walls and partitions	;							Roon Cennig Assembly (cach assembly)
	Exterior North		0 HOU	R					
	East West								
res and requirements.) I requirements.)	South		0.1101						Description of AssemblyExisting to re
•	Interior walls and partitions Floor Construction		0 HOU	K					U-value of Total Assembly
npletion only] Historic	including supporting beams an Floor Ceiling assembly	1 joists	0 HOU	R					R-value of InsulationExisting to r
Historic Change of Use	Columns Supporting Floor Roof Construction								Skylights in each assembly
	including supporting beams an	d joists							U-Value of skylight
	Roof Ceiling assembly Columns Supporting Roof								Total square footage of skylights in eac Exterior Walls (each assembly)
	Shafts Enclosures - Exit Shafts Enclosures - Other								
	Corridor Separation Occupancy/Fire Barrier Separat	ion							
	Party/Fire Wall Separation	1011							Description of AssemblyExisting to I
	Smoke Barrier Separation Smoke Partition								U-value of Total Assembly
	Tenant/Dwelling Unit/Sleeping Incidental Use Separation	Unit Separation	0 HOU	R					R-value of InsulationExisting to r
	*Indicates section number permit	ting reduction.	1	1	<u>'</u>				Openings (windows or doors with glazing)
		DED CENTA	CE OE WA	II ODENII	IC CALCI	LATIONG	EVIOTINO TO	DEMAIN	U-Value of assembly
uirements.)	FIRE SEPARATION DISTAN	PERCENTA DEGRE	GE OF WA		LLOWABLE A		EXISTING TO CTUAL SHOWN		Solar heat gain coefficient: Projection factor:
mements.)	(FEET) FROM PROPERTY LI	I	ΓΙΟΝ (TABLE 7		(%)		(%)	OIVILANO	Door R-Values:
	N/A		N/A		N/A		N/A		Walls below grade: (each assembly)
L									
									Description of Assembly Existing to I
									Description of AssemblyU-value of Total Assembly
		LIFE	SAFETY S	YSTEM RE	QUIREME	NTS EXIST	TING TO REMAIN		R-value of Insulation
	Emergency Lighting:	☐ No	X Yes						Floors over unconditioned space: (each assem
	Exit Signs: Fire Alarm:	□ No ☑ No	⊠ Yes □ Yes						
	Smoke Detection Systems:	⊠ No	Yes	Partial, H	VAC UNITS ≥5.	TONS			——————————————————————————————————————
	Carbon Monoxide Detection:	⊠ No	Yes						Description of Assembly U-value of Total Assembly
									R-value of Insulation
	l via a e e mo ar e e	<u>LIFI</u> S-1	E SAFETY !	PLAN REQ	<u>UIREMEN'</u>	<u>rs</u>			Floors slab on grade Description of Assembly 8" Reinforced
	Life Safety Plan Sheet #: Fire and/or smoke ra		Chapter 7)						U-value of Total Assembly
	Assumed and real pr			-					R-value of Insulation Horizontal/vertical requirement
1	Exterior wall opening Existing structures w	-		umed property lir	es (705.8)				Slab heated NO
	Occupancy Use for e		_	d calculation (Tal	ole 1004.1.2)				
	Occupant loads for e Exit access travel dis								
	Common path of trav	` ′	s 1006.2.1 & 100	6.3.2(1))					
	Dead end lengths (10								
	Clear exit widths for Maximum calculated		acity each exit de	oor can accommo	date based on egr	ess width (1005.3)		
	Actual occupant load	for each exit door	•			·			
	A separate schematic			or/ceiling and/or	roof structure is p	rovided for purp	oses of occupancy s	separation	
	Location of doors wi	= '		unt of delay (1010	0.1.9.7)				
	Location of doors wi	-	-	0.1.9.9)					
	Location of doors equal Location of emergen								
	The square footage of	f each fire area (202	2)						
	The square footage on Note any code excep	-			1	ve			Junior Davis Care Solutions 1 ger Creative Appliances Repair
an Reviewer:	——————————————————————————————————————					- •			rvices, Inc
ng Structural Elements & Exterior emain. Existing Interior Walls at tions shown to be replaced/repaired		<u>A</u>	CCESSIBL (SF	E DWELLI CTION 1107					Merrimont Pk
existing.	TOTAL UNITS ACCESSIBLE		TYPE A	TYPE A	ТҮРЕ В	ТҮРЕ В	TOTA		
	UNITS REQUIRED	UNITS PROVIDED	UNITS REQUIRED	UNITS PROVIDED	UNITS REQUIRED	UNITS PROVIDED	ACCESSIBI PROVII		
	N/A N/A	N/A	N/A	N/A	N/A	N/A	N/A	<u> </u>	

NOTE: Per 2018 NC Building Code Sec. 2902.3.2 TRAVEL DISTANCE TO TOILET FACILITIES SHALL NOT EXCEED 500 FT.

STRUCTURAL

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SPECIAL APPROVALS		AL DESIGN EXISTING TO REMAIN
cial approval: (Local Jurisdiction, Department of Insurance, OSC, DPI, DHHS, ICC, etc., describe below)	DESIGN LOADS:	****
	Importance Factors: Wind $(I_{\forall i})$ Snow $(I_{\subseteq i})$	N/A N/A
	Seismic (I _F)	N/A
	Live Loads: Roof (live & snow)	N/A
	Collateral Mezzanine	N/A N/A
	Floor	N/A
ENERGY SUMMARY EXISTING TO REMAIN	Ground Snow Load:	N/A
ERGY REQUIREMENTS:	Wind Loads: Ultimate Wind Speed Exposure Category	N/A N/A
following data shall be considered minimum and any special attribute required to meet energy code shall also be provided. Each Designer shall furnish the required portions of	Exposure caregory	
project information for the plan data sheet. If performance method, state the annual	SEISMIC CATEGORY A	⊠ B □ C □ D
rgy cost for the standard reference design vs annual energy cost for the proposed gn.	Provide the following Seismic Design Parameter	ers:
(The remainder of this sting building envelope complies with code: NO YES section is not applicable)	Risk Category (Table 1604.5)	□ II □ III ⊠ IV
empt Building: NO YES (Provide code or statutory reference):	Spectral Response Acceleration S ₅ 15.4 Site Classification (ASCE-7)	8
Climate Zone: 3A 4A 5A 2018 NC STATE BUILDING CODE CHAPTER 13 CRITERIA 1301.1.1	Site etaboliteanien (Fisels 7)	Id Test Presumptive Historical Da
Method of Compliance : Energy Code Prescriptive Performance	Basic Structural System: (check one)	
ASHRAE 90.1 Prescriptive Performance		pecial Moment Frame
ERMAL ENVELOPE : (Prescriptive method only		termediate R/C or Special Steel
Roof/Ceiling Assembly (each assembly)		endulum Equivalent Lateral Force
	Architectural, Mechanical, Components Ar	· · · · · · · · · · · · · · · · · · ·
	LATERAL DESIGN CONTROL:	
		☐ Earthquake ☐ Wind
Description of Assembly Existing to remain	SOIL BEARING CAPACITIES:	
U-value of Total Assembly	Field Test (provide copy of test report) Presumptive Bearing Capacity	ps 2,000 ps
0-value of Total Assembly	Pile Size, Type, and Capacity	
R-value of Insulation Existing to remain		
Skylights in each assembly		
U-Value of skylight	MECHANICAL SUMMARY	REFER TO MECHANICAL PLAN
Total square footage of skylights in each assembly	MECHANICAL SYSTEMS SERVICE SYS'	TEMS AND EQUIPMENT:
Exterior Walls (each assembly)	Thermal Zone	
	Winter dry bulb	
	Summer dry bulb Interior Design Conditions	
Existing to remain	Winter dry bulb	
U-value of Total Assembly	l '	
C-value of Total Assembly	Relative humidity	
R-value of Insulation Existing to remain	Building Heating Load	
Openings (windows or doors with glazing)	Building Cooling Load	
U-Value of assembly	Mechanical Spacing Conditioning System	n
Solar heat gain coefficient:	Unitary	
Projection factor:	-	
Door R-Values:		
Walls below grade: (each assembly)	Size category of unit	
	_ ·	te reason.
	Chiller Size category. If oversized, sta	
Description of Assembly Existing to remain	List Equipment Efficiencies	
U-value of Total Assembly	Equipment Schedules with Motors (mecl	nanical systems)
R-value of Insulation	Motor horsepower	
Floors over unconditioned space: (each assembly)	· · · · · · · · · · · · · · · · · · ·	
	•	
	# of poles	
	# 01 poles	
Description of Assembly	ELECTRICAL SUMMARY	REFER TO ELECTRICAL PLAN
U-value of Total Assembly	ELECTRICAL SYSTEM AND EQUIPMEN	
R-value of Insulation Floors slab on grade	Method of Compliance: Energy Code	Prescriptive Performance
Description of Assembly 8" Reinforced Conc. / 4" Conc. to match Existing	ASHRAE 90.1	Prescriptive Performance
U-value of Total Assembly	Lighting Schedule(each fixture type)	
R-value of Insulation	Lamp type required in fixture	
Horizontal/vertical requirement	Number of lamps in fixture	
Slab heatedNO	1	
	Total wattage per fixture	
	Total interior wattage specified -vs- alle Total exterior wattage specified -vs- alle	owed
	Additional Prescriptive Compliance	U 11 VIII
	C406.2 More Efficient HVAC Equi	pment Performance
	C406.3 Reduced Lighting Power De	
	C406.4 Enhanced Digital Lighting (
	C406.5 On-Site Renewable Energy	
	C406.6 Dedicated Outdoor Air Syst	em
	C406.7 Reduced Energy Use in Ser	vice Water Heating
\ / \ \ \ \ \ \ \ \ \	TY MAP /	PROJECT LOCATION

SHEET INDEX

COVER

<u>CIVIL</u>

CV

BUILDING

CS-1 CODE SUMMARY

LS-1 LIFE SAFETY PLAN

INDEX SHEET VICINITY MAP

COVER SHEET

B-1 EXISTING & DEMO FLOOR PLAN

EXTERIOR ELEVATIONS

ACCESSIBILTY DETAILS

SP2 DRAINAGE PLAN

FLOOR PLAN

ROOF PLAN

EXISTING CONDITIONS/DEMOLITION PLAN

PLUMBING

P-1 PLUMBING PLAN

MECHANICAL

ME-1 MECHANICAL & ELECTRICAL PLAN

PLANNING | MANAGEMENT | DESIGN-BUILD

(252) 265-0035

2801-C Nash St NW Wilson, NC 27896 License # 51638

CITY OF WILSON PO Box 10 Wilson, NC 27893



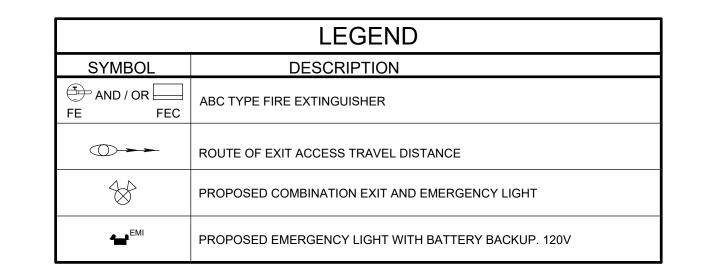
CODE

Drawn by: Issue Date: 01-10-202 Project Number: 24-037 CS-1

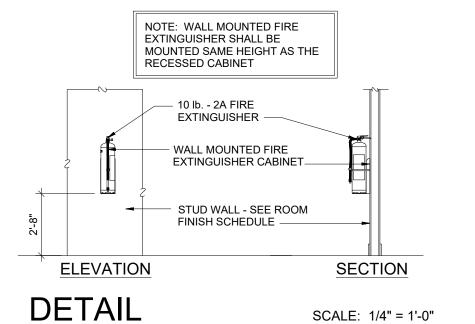
PLUMB MECH ELEC BARTLETT ENGINEERING & SURVEYING, PC

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STRUCT. FRAME



				OCCI	JPANT I	DOOR LO	DAD DAT	A			
DOOR NUMBER	REQ'D EXIT	CLEAR DOOR WIDTH	EGRESS WIDTH PER OCCUPANT	MAX. OCCUPANT LOAD	ACTUAL OCCUPANT LOAD	PERCENTAGE OF REQ'D CAPACITY	PANIC HARDWARE REQ'D	DELAYED EGRESS LOCKS	AMOUNT OF TIME DELAY	ELECTRO- MAGNETIC LOCKS	HOLD OPEN DEVICE
-	YES	34"	0.2"	28	6	100%	NO	NO	N/A	NO	NO
-	YES	34"	0.2"	28	6	100%	NO	NO	N/A	NO	NO
-	YES	34"	0.2"	28	6	100%	NO	NO	N/A	NO	NO
-	YES	34"	0.2"	28	6	100%	NO	NO	N/A	NO	NO
-	YES	34"	0.2"	28	6	100%	NO	NO	N/A	NO	NO
-	YES	34"	0.2"	28	6	100%	NO	NO	N/A	NO	NO
-	YES	34"	0.2"	11	2	100%	NO	NO	N/A	NO	NO
-	YES	34"	0.2"	7	4	100%	NO	NO	N/A	NO	NO
-	YES	34"	0.2"	7	4	100%	NO	NO	N/A	NO	NO
-	YES	34"	0.2"	7	4	100%	NO	NO	N/A	NO	NO



WALL MOUNTED

FIRE EXTINGUISHER

S-1 OCCUPANCY
FIRST STORY COMMON PATH OF EGRESS TRAVEL
IS 100FT. WHEN OCCUPANT LOAD IS GREATER THAN
30 TABLE 1006.2.1

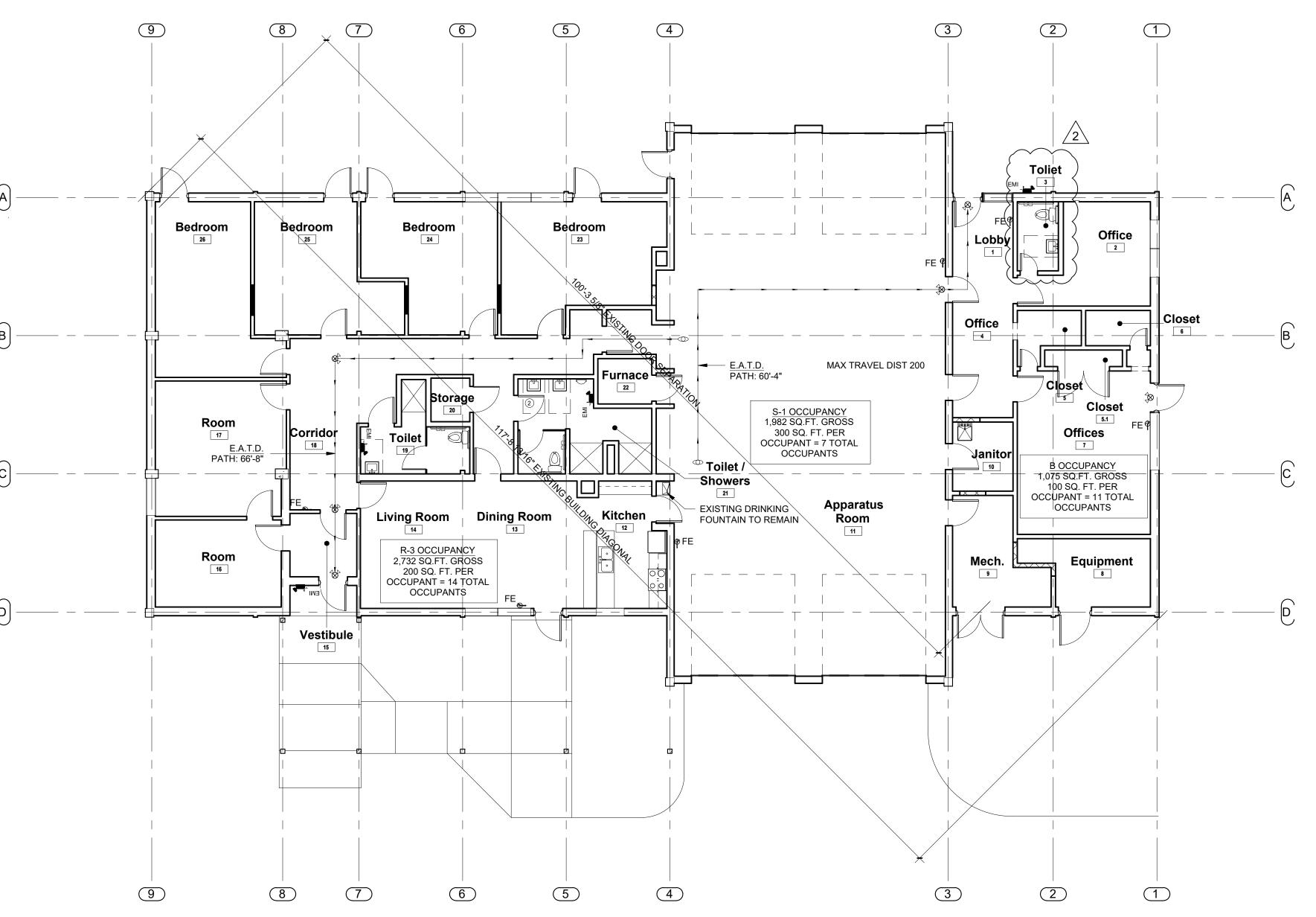
B OCCUPANCY
COMMON PATH OF EGRESS TRAVEL IS 100FT. WHEN
THE OCCUPANT LOAD IS LESS THAN 49 TABLE

THE OCCUPANT LOAD IS LESS THAN 49 TABLE 1006.2.1

R-3 OCCUPANCY

R-3 OCCUPANCY
COMMON PATH OF EGRESS TRAVEL IS 125FT. WHEN
THE OCCUPANT LOAD IS LESS THAN 20 TABLE
1006.2.1

2018 NCSBC BUILDING CODE



LS-1 1795 SF

MAIN LEVEL LIFE SAFETY PLAN SCALE: 1/8" = 1'-0"

NORIN

Drawn by: Z. CHYBOWSK Issue Date: 01-10-25 Project Number: 24-037

Improvements to Fire Station # 109 Forest Hills Rd NW Wilson, NC 27893

CITY OF WILSON PO Box 10 Wilson, NC 27893

Sheet: LS-1

SITE PLAN FOR DRAINAGE IMPROVEMENTS

FIRE STATION #4

109 Forest Hills Road NW
Wilson Township
Wilson County, North Carolina
November 2024

DEVELOPER:

CITY OF WILSON
PO BOX 10
WILSON, NC 27893

PREPARED BY:

BARTLETT ENGINEERING & SURVEYING, PC 1906 NASH STREET NORTH WILSON, NORTH CAROLINA 27893-1726 TELE: (252) 399-0704

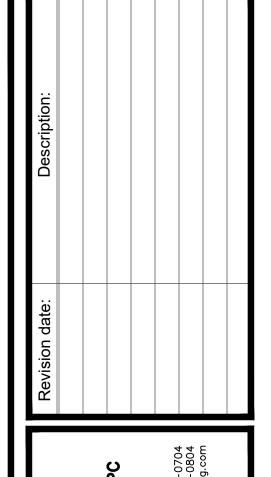
SHEET INDEX

CV COVER SHEET

SP1 EXISTING CONDITIONS/DEMOLITION PLAN

SP2 DRAINAGE PLAN



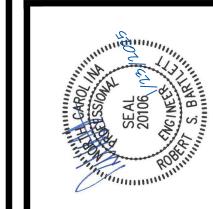


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1906 Nash Street North Wilson, NC 27893-1726 FAX: (252) 399License # C-1551

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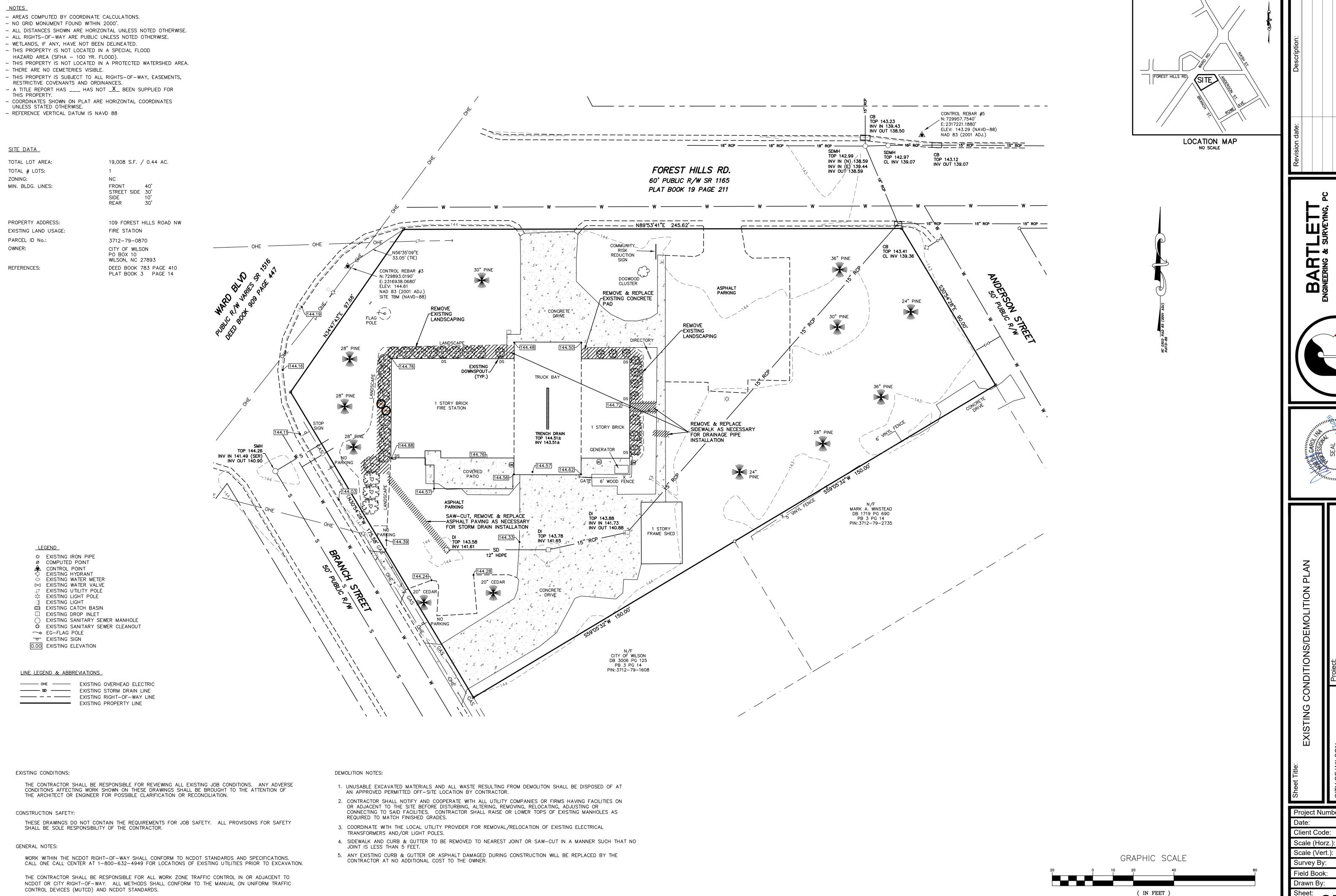




SON Project:
NITY, NC
Project:
FIRE STATION #4

••••		_ 10
Project Number:	23-046	_LANDPROJECTS\WC\23046\dwg\23
)ate:	NOV. 2024	46\d
Client Code:	WC	\230
Scale (Horz.):	N/A	/wc/
Scale (Vert.):	N/A	:cTS
Survey By:	JEB/JAG	ROJE
ield Book:	407	ANDF
)rawn Bv [.]	IR]

CV



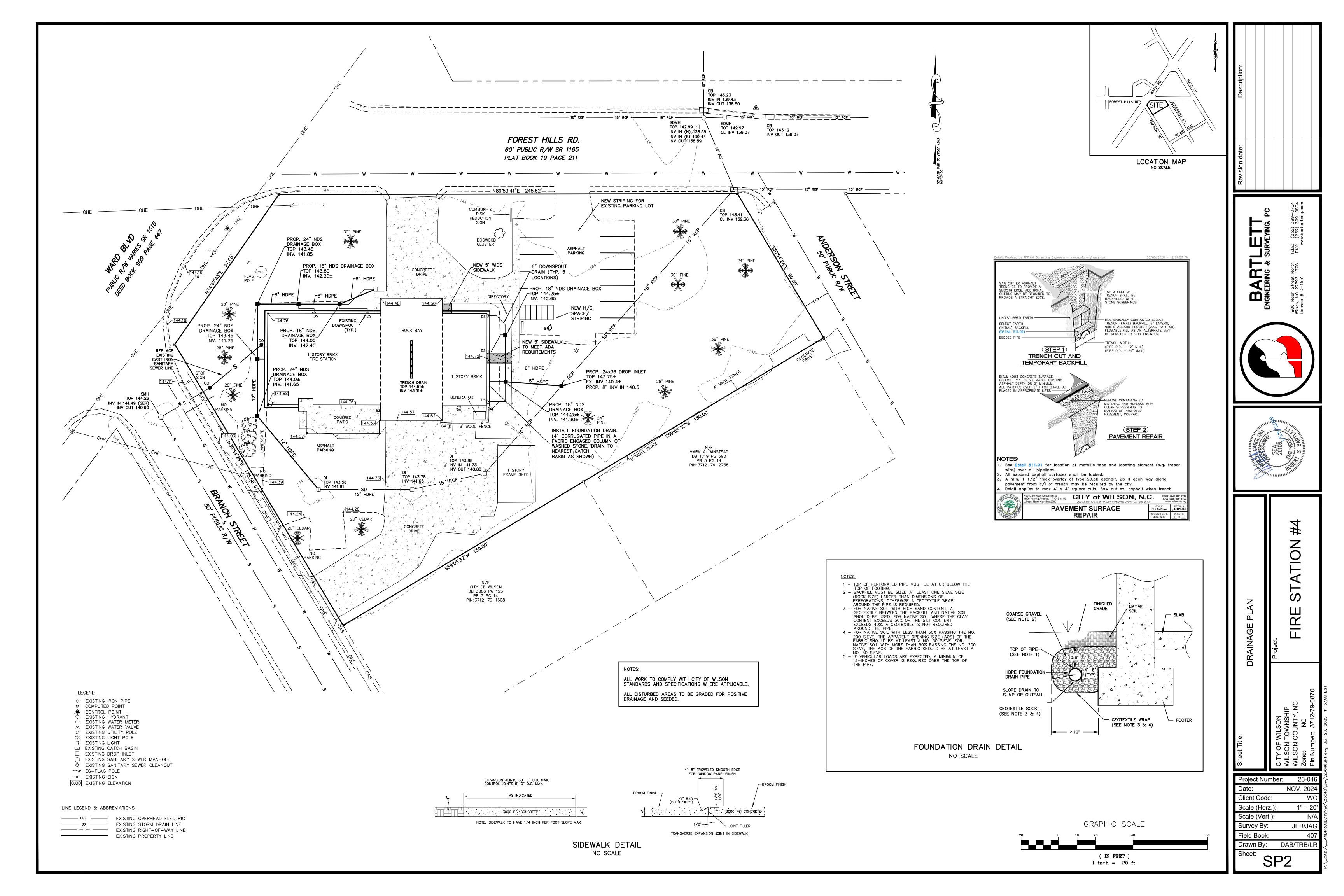
23-046 NOV. 2024 1" = 20' JEB/JAG DAB/TRE

1 inch = 20 ft.





Project Number:



DEMO - WALL LEGEND SYMBOL EXISTING WALL TO REMAIN DEMO SLAB ON GRADE AS REQUIRED FOR REMOVAL AND REPLACEMENT OF EXISTING SEWER LINE DEMO EXISTING WALLS / DOORS / FRAMES AS NEEDED WHERE SOG REMOVED DEMO EXISTING CABINETS NOTES: 1. R-11 SOUND BATT INSULATION IN PROPOSED INTERIOR STUD WALLS.

GENERAL NOTE

GC TO COORDINATE ALL SHEETS WITH ONE ANOTHER AND CONFIRM EXISTING CONDITIONS VS. PROPOSED NEW WORK.

ADA IMPROVEMENTS

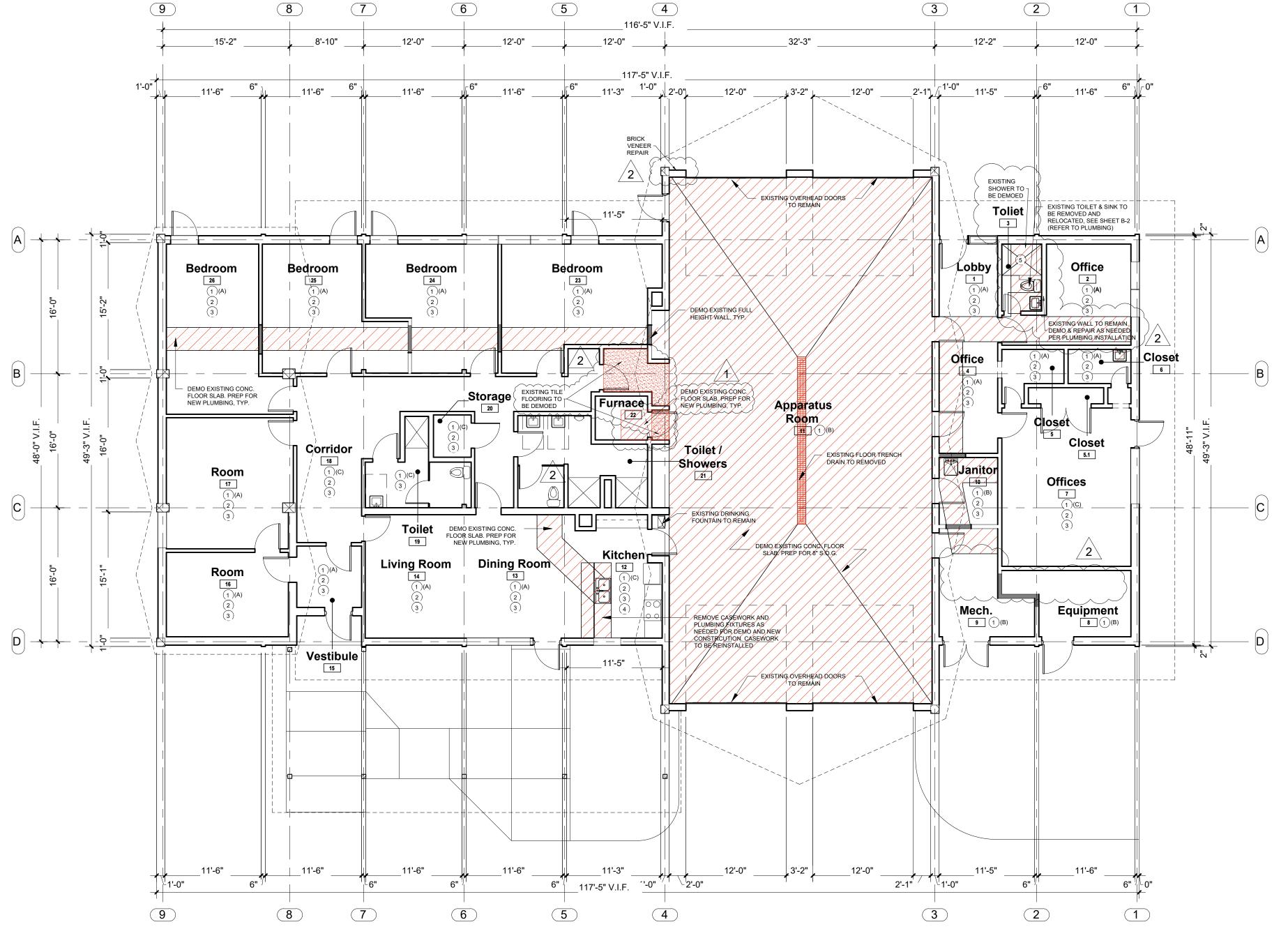
- 1. ADD H/C PARKING SPACE AND VAN ACCESSIBILITY.
- 2. ADD ADA ACCESSIBLE ENTRANCE SIDEWALKS AT TWO ENTRANCES.
- 3. INCREASED ADA ACCESSIBILITY IN TOILET 3.

DEMOLITION NOTES

- 1. REMOVE EXISTING WALLS SCHEDULED TO BE DEMOLISHED. PROVIDE ADEQUATE / ENGINEERED SHORING AS REQUIRED.
- 2. PRESERVE EXISITNG DOORS AND HARWARE.
- PREPARE EXISITNG SLAB ON GRADE TO RECEIVE NEW POURED CONCRETE AT AREAS OF DEMO.
- 4. REMOVE EXISTING DOORS AND FRAMES AS NEEDED FOR WORK. TO BE REINSTALLED.
- 5. GC TO PROVIDE PROTECTION THROUGHOUT WORK AREAS FOR DURATION OF PROJECT.
- 6. GC TO PATCH + REPAIR ALL DAMAGE DONE BY GC AT NO ADDITIONAL COST TO OWNER.

DEMOLITION KEYNOTES

- EXISTING FLOOR COVERING TO BE REMOVED. REMOVE GLUE COMPLETELY AND PREPARE SLABS FOR MOISTURE REMEDIATION PER MANUFACTURER RECOMMENDATIONS.
 - (A) EXISTING CARPET TILE
 (B) EXISTING CONCRETE
 - (B) EXISTING CONCRETE
 (C) EXISTING LVT
- EXISTING ACOUSTIC CEILING TILE AND GRID TO BE REMOVED
- 3 EXISTING BASE TO BE REMOVED
- 4 EXISTING CASEWORK TO BE REMOVED & REINSTALLED AS NEEDED FOR NEW CONSTRUCTION
- EXISTING PLUMBING FIXTURES & ALL ASSOCIATED PLUMBING TO BE REMOVED



NOTE:-ALL EXISTING DIMENSIONS TO BE VERIFIED IN FIELD.

EXISTING & DEMO FLOOR PLAN SCALE: 1/8" = 1'-0"



CITY OF WILSON PO Box 10 Wilson, NC 27893

Owne

BARTLETT ENGINEERING & SURVEYING, PC



2-07-25 Revised per Owner 3-03-25 As per owner

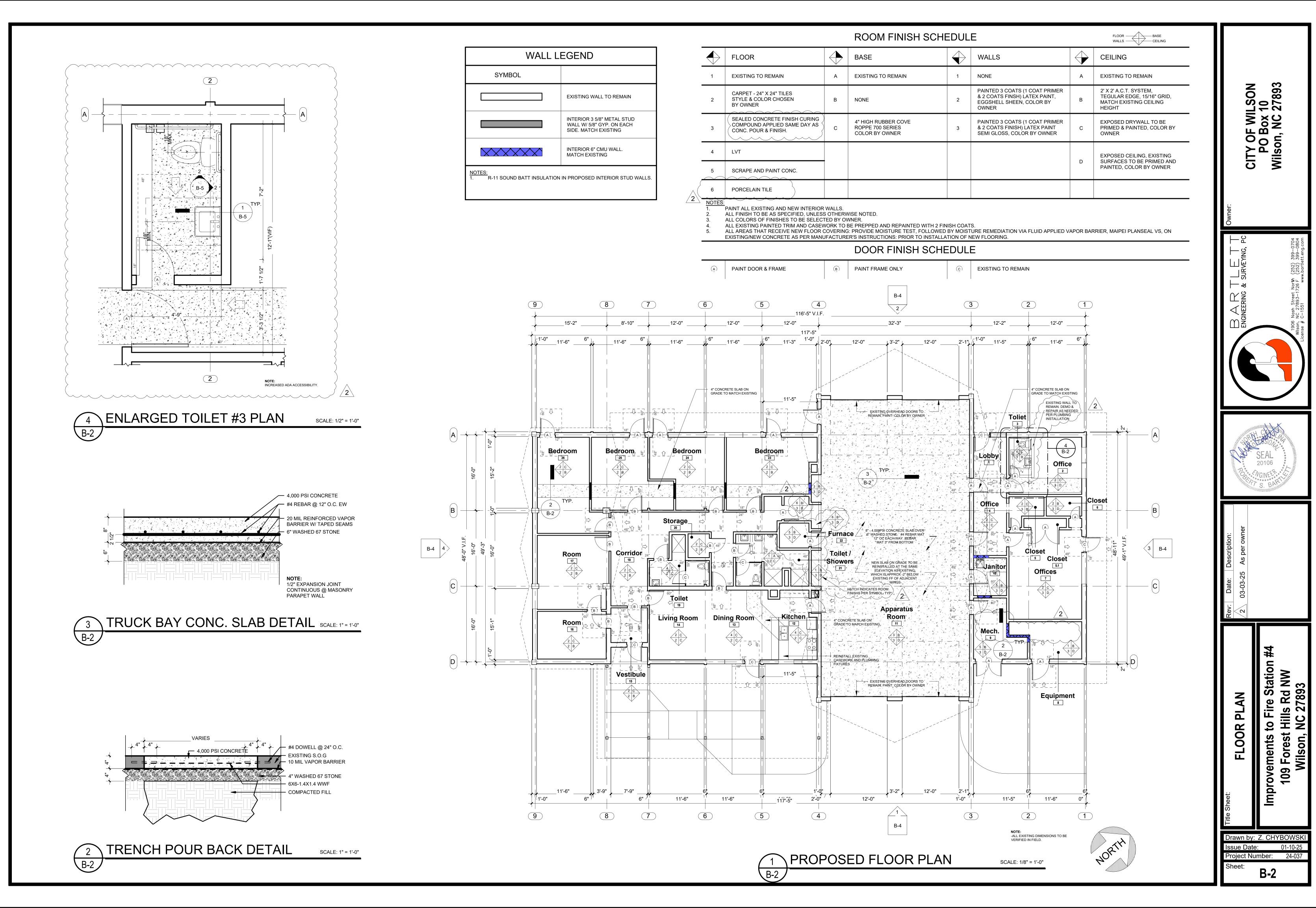
N 1 02-07-25 2 03-03-25

G & DEMO FLOOR PLA ements to Fire Station #

Improve 109

Drawn by: Z. CHYBOWSK
Issue Date: 01-10-25
Project Number: 24-037

B-1



GC TO COORDINATE ALL SHEETS WITH ONE ANOTHER AND CONFIRM EXISTING CONDITIONS VS. PROPOSED NEW WORK.

GENERAL ROOF NOTES

- 1. GC TO PROVIDE PROTECTION THROUGHOUT WORK AREAS FOR DURATION OF PROJECT.
- 2. GC TO PATCH + REPAIR ALL DAMAGE DONE BY GC AT NO ADDITIONAL COST TO OWNER.

CITY OF WILSON PO Box 10 Wilson, NC 27893





01-10-25 Project Number: 24-037

B-3

FINISH SPECIFICATIONS (GENERAL CONTRACTOR TO SUBMIT COLOR SAMPLES FOR APPROVAL) CONCRETE SEALANT: BETCO "SURE CURE" FLOOR SEALER AND FINISH OR EQUAL COLOR: SELECTED BY OWNER PRIOR TO INSTALLATION OF NEW FLOORING: CARPET TILES: MILLIKEN CUSHION BACK CARPET TILES ALL AREAS TO RECEIVE MOISTURE COLOR SERIES: NORDIC STORIES REMEDIATION VIA MAIPEI PLANSEAL VS ON EXISTING CONCRETE AS PER MANUFACTURER'S INSTRUCTIONS. MILLIKEN FLEXFORM LVT COLOR SERIES: FORTIFIED FOUNDATIONS 5.0

CEILING ARMSTRONG, 2'x 2' SQUARE ACOUSTICAL LAY-IN TILE & GRID OR COLOR: SELECTED BY OWNER (1) COAT SHERWIN WILLIAMS DRYWALL PRIMER OR EQUAL (2) COATS SHERWIN WILLIAMS EGGSHEL / SATIN PAINT COLOR: SELECTED BY OWNER ROPPE 4" HIGH RUBBER COVE BASE OR EQUAL COLOR: SELECTED BY OWNER DOORS AND FRAMES (2) COATS SHERWIN WILLIAMS SEMI-GLOSS PAINT

INTERIOR WALLS DRYWALL PAINT (1) COAT SHERWIN WILLIAMS DRYWALL PRIMER OR EQUAL (2) COATS SHERWIN WILLIAMS EGGSHEL / SATIN PAINT COLOR: SELECTED BY OWNER

COLOR: SELECTED BY OWNER

BLOCK PAINT (1) COAT SHERWIN WILLIAMS "PREPRITE" BLOCK FILLER OR EQUAL (2) COATS SHERWIN WILLIAMS SEMI-GLOSS PAINT

MELAMINE EXTERIOR AND INTERIOR SURFACES

WILSONART, "SERIES 60" FINISH OR EQUAL

COLOR: SELECTED BY OWNER

COLOR: SELECTED BY OWNER

COLOR: SELECTED BY OWNER

PLASTIC LAMINATE TOPS

ACESSORIES CABINETS

TOILET ACCESSORIES AMERICAN SPECIALTIES #0263-1 OR EQUAL PAPER HOLDER **TOWEL DISPENSER** AMERICAN SPECIALTIES #0210 OR EQUAL SOAP DISPENSER AMERICAN SPECIALTIES #0345 OR EQUAL AMERICAN SPECIALTIES #3801P, 18", 36", 42" MIRROR WALL HUNG 24"W x 36"H, ALUMINUM EDGE TRIM RESTROOM SIGNAGE WOMEN'S AND MEN'S WHEELCHAIR ACCESSIBLE BATHROOM SIGN-ADA COMPLIANT TACTILE BRAILLE SIGN 6" X 8" COLOR: WHITE ON BLUE BACKGROUND

DOOR HARDWARE SCHEDULE

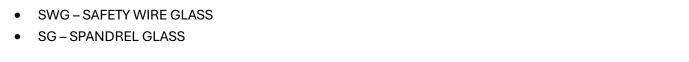
ALL HARDWARE TO HAVE MATCH EXISTING	FINISH
LOCKSET	"YALE" 4600LN, GRADE 2 LOCKSET OR EQUAL
CLOSERS	GRADE 1 w/ FULL COVER, 2500 OR EQUAL
EXTERIOR AND INTERIOR DOOR	BALL BEARING HINGES WITH 32D FINISH OR EQUAL
HINGES	
DOOR STOPS	"MCKINNEY" WROUGHT ALL STOPS No. WSO2 WITH STAINLESS
	STEEL FINISH OR EQUAL
KICK-DOWN DOOR STOP	"ROCKWOOD", #460
PANIC EXIT DEVICE	NONE

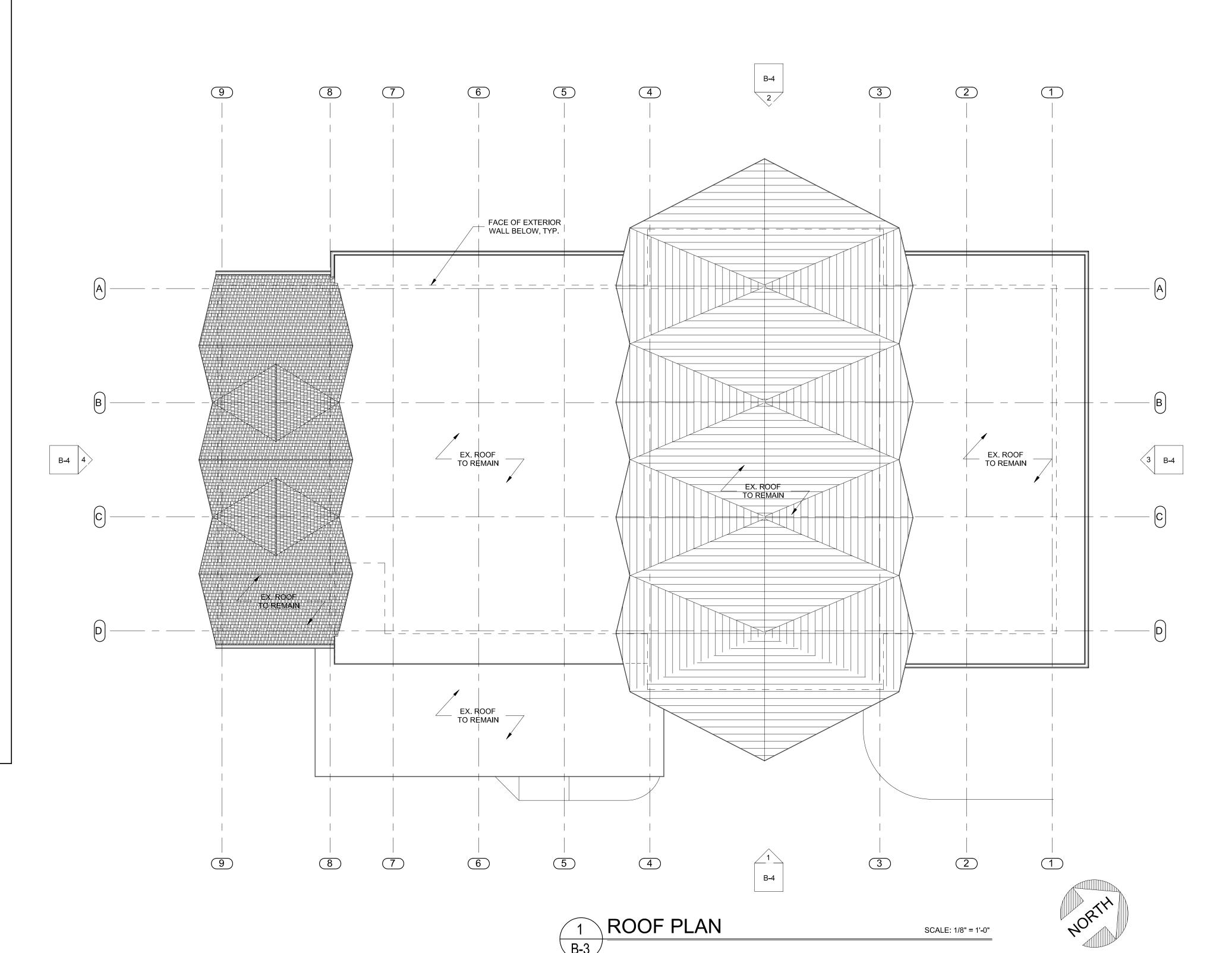
- EACH DOOR TO HAVE DOOR STOPS, SEE HARDWARE SCHEDULE
- MANUFACTURER SHALL SUPPLY MASTER KEY(S) TO FIT ALL DOORS VERIFY KEYING SCHEMES W/ OWNER
- G.C. TO FURNISH AND INSTALL ALL ADA RESTROOM SIGNAGE, ALL OTHER INTERIOR SIGNAGE TO BE FURNISHED BY THE OWNER AND INSTALLED BY THE GENERAL CONTRACTOR AS PER ADA

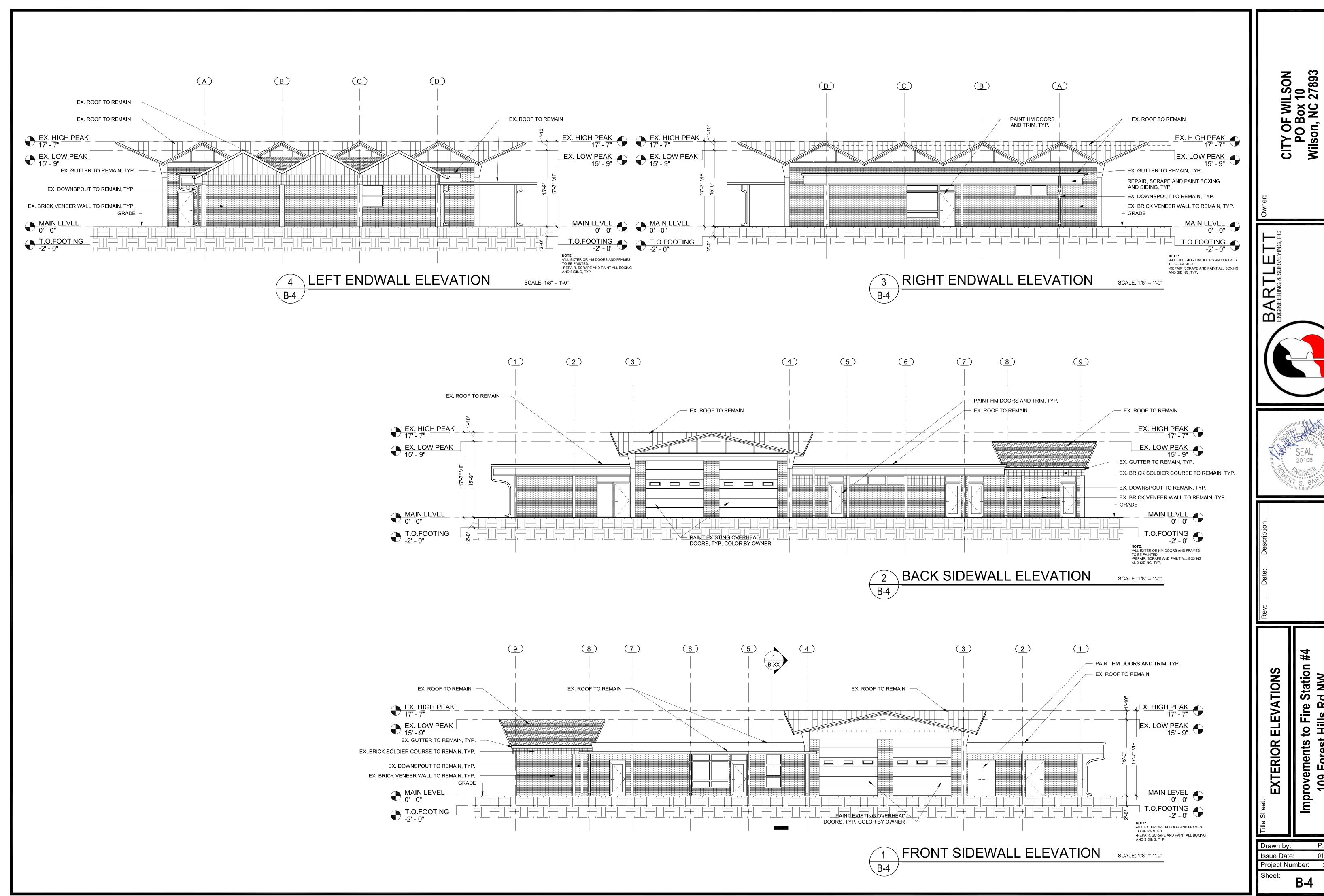
REQUIREMENTS

ABBREVIATIONS T – TEMPERED GLASS

- TN TINTED
- WG WIRE GLASS



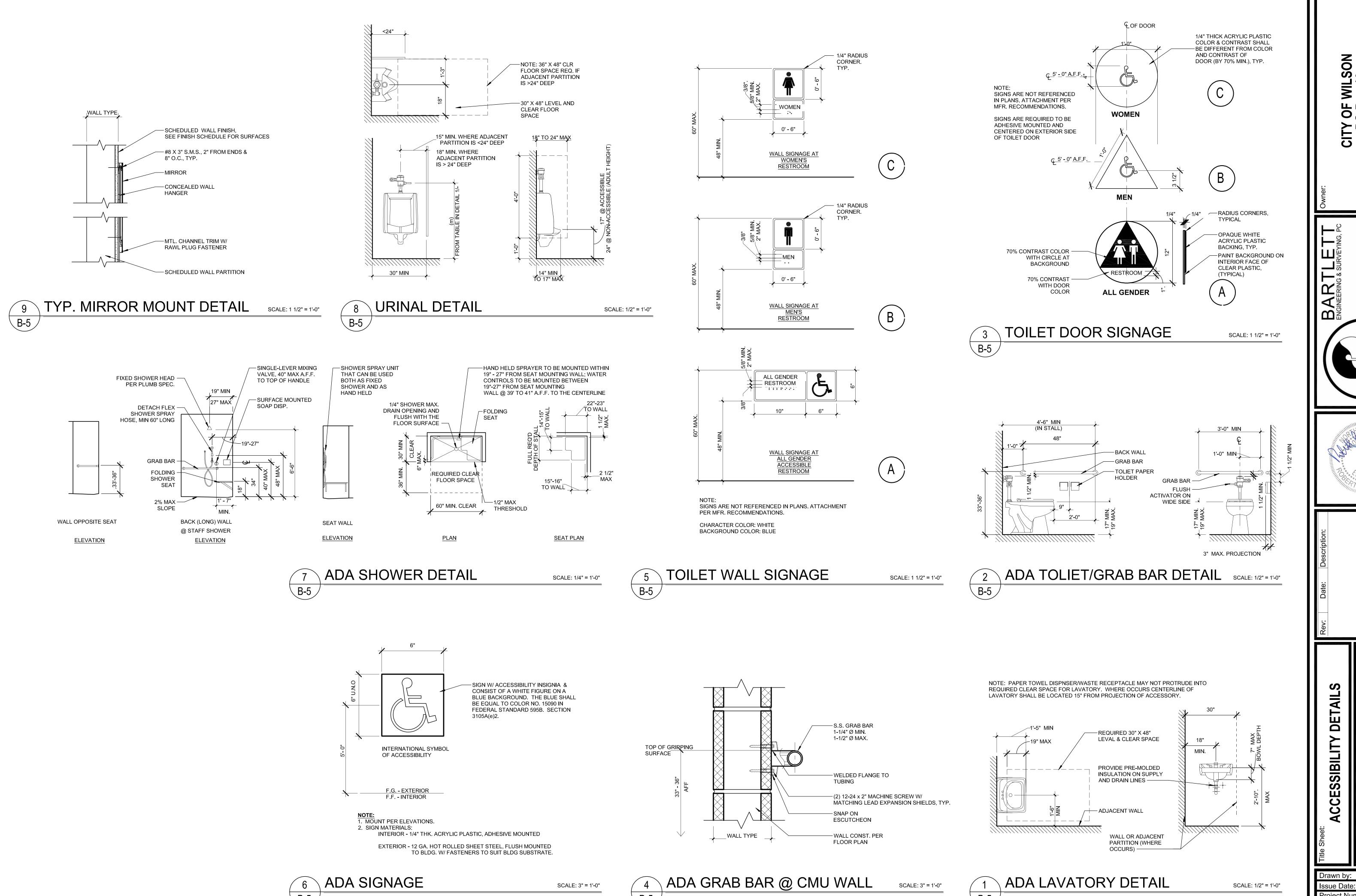




Improvements to 109 Forest I Wilson, N

01-10-25

Project Number: 24-037



CITY OF WILSON PO Box 10 Wilson, NC 27893

01-10-25 Project Number: 24-037 **B-5**

PL	UMBING LEGEND	
DESCRIPTION	SYMBOL	
COLD WATER		CW
HOT WATER		HW
VENT PIPING		٧
WASTE PIPING		W
CLEAN OUT AT GRADE	COAG	
FLOOR CLEAN OUT	• FCO	
CHECK VALVE	- ₹-	
SHUT-OFF VALVE	H	
FIXTURE DESIGNATION	<u>P</u>	
MOUNTING HEIGHT	МН	
AIR ADMITTANCE DEVICE	# AAD	

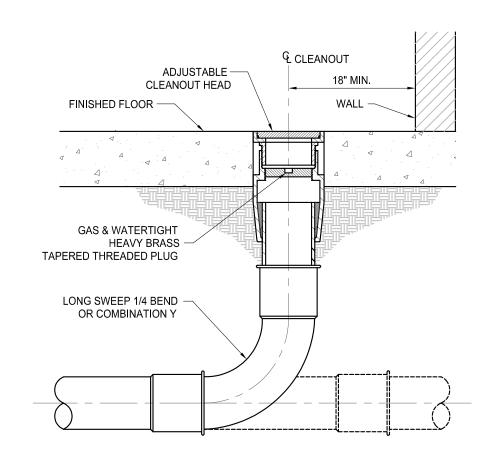
	PLI	JMBING FIXTURE SCHEDULE
MARK	MAKE	DESCRIPTION
<u>P-1</u>	AMERICAN STANDARD OR EQUAL	1.6 GAL. ELONGATED, FLOOR MTD. FLUSH TANK WATER CLOSET WITH OPEN FRONT SEAT.
<u>P-2</u>	AMERICAN STANDARD OR EQUAL	WALL HUNG LAVATORY WITH FAUCET & DRAIN.
<u>P-3</u>	TRENCH DRAIN OMITTED	
NOTES: 1.	. FLUSHER FOR NEW WATER	CLOSETS SHALL BE ON APPROACH SIDE OF FIXTURE. **URES AND FAUCETS WITH OWNER PRIOR TO INSTALLATION.

GENERAL PLUMBING NOTES

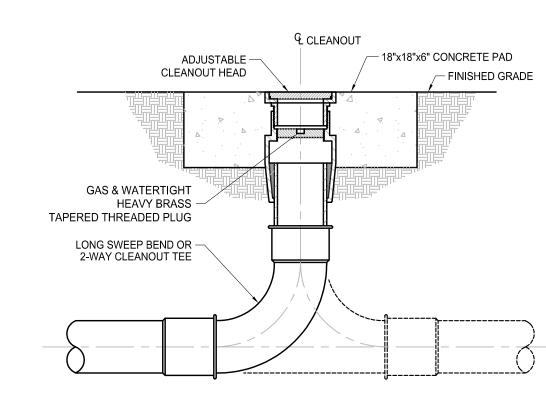
- ALL WORK SHALL BE IN COMPLIANCE WITH LOCAL, STATE, AND NATIONAL CODES.
- 2. CONTRACTOR SHALL COORDINATE PIPING WITH ALL OTHER TRADES.
- 3. CONTRACTOR SHALL REFER TO "B" SHEETS FOR DIMENSIONS.
- 4. CONTRACTOR SHALL FURNISH AND INSTALL DIELECTRIC UNIONS AT ALL CONNECTIONS BETWEEN DISSIMILAR
- 5. CONTRACTOR SHALL FURNISH AND INSTALL ESCUTCHEONS AND COVER PLATES AT ALL FINISHED WALLS, CEILINGS AND FLOOR OPENINGS.
- 6. PIPING SHALL BE DISINFECTED IN ACCORDANCE WITH STATE AND LOCAL CODE.
- 7. ALL PIPING SHALL BE TESTED FOR LEAKS. IF ANY LEAKS ARE DETECTED THE PIPING SHALL BE REPAIRED OR REPLACED AND RETESTED.
- 8. INSULATE ALL NEW HOT & COLD WATER PIPING.
- 9. NEW SUPPLY PIPING SHALL BE PEX.
- 10. NEW WASTE AND VENT PIPING SHALL BE SCH. 40 PVC. & SCH. 80 PVC UNDER TRAFFIC AREAS.
- 11. SET HOT WATER TEMPERATURE FROM NEW LAVATORY FAUCETS TO 115 DEGREE F. MAX.
- 12. PROVIDE SHUT-OFF VALVES IN ALL SUPPLY PIPING LINES ABOVE CEILING FOR ALL NEW DROPS AND AT NEW PLUMBING FIXTURES. PROVIDE ACCESS TO ALL VALVES AS REQUIRED IN HARD CEILINGS.
- 13. PLUMBING LAYOUTS ARE SCHEMATIC. ALL RISES, DROPS, OFFSETS, AND TRANSITIONS REQUIRED BUT NOT SHOWN SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR AT NO ADDITIONAL EXPENSE TO THE OWNER.
- 14. CONTRACTOR SHALL VERIFY EXISTING CONDITIONS AT SITE PRIOR TO CONSTRUCTION.

	PLUM	BING	CALCUI	ATIONS	3
ITEM	# OF	SUPP	WASTE		
ITEM	# OF	COLD	HOT	TOTAL	FIXTURE UNITS
FLUSH TANK WATER CLOSET	3	5.0	-	5.0	6
LAVATORY	4	1.5	1.5	2.0	1
KITCHEN SINK	1	1.0	1.0	1.4	2
JAN. SINK	1	2.25	2.25	3.0	2
SHOWER	3	3.0	3.0	4.0	2
GPM - 26.	3	COLD TOTAL	HOT TOTAL	TOTAL	WASTE TOTAL
	_	33.25	18.25	39.4	32
				/ATER LINE TO REI	MAIN. VERIFY EXACT

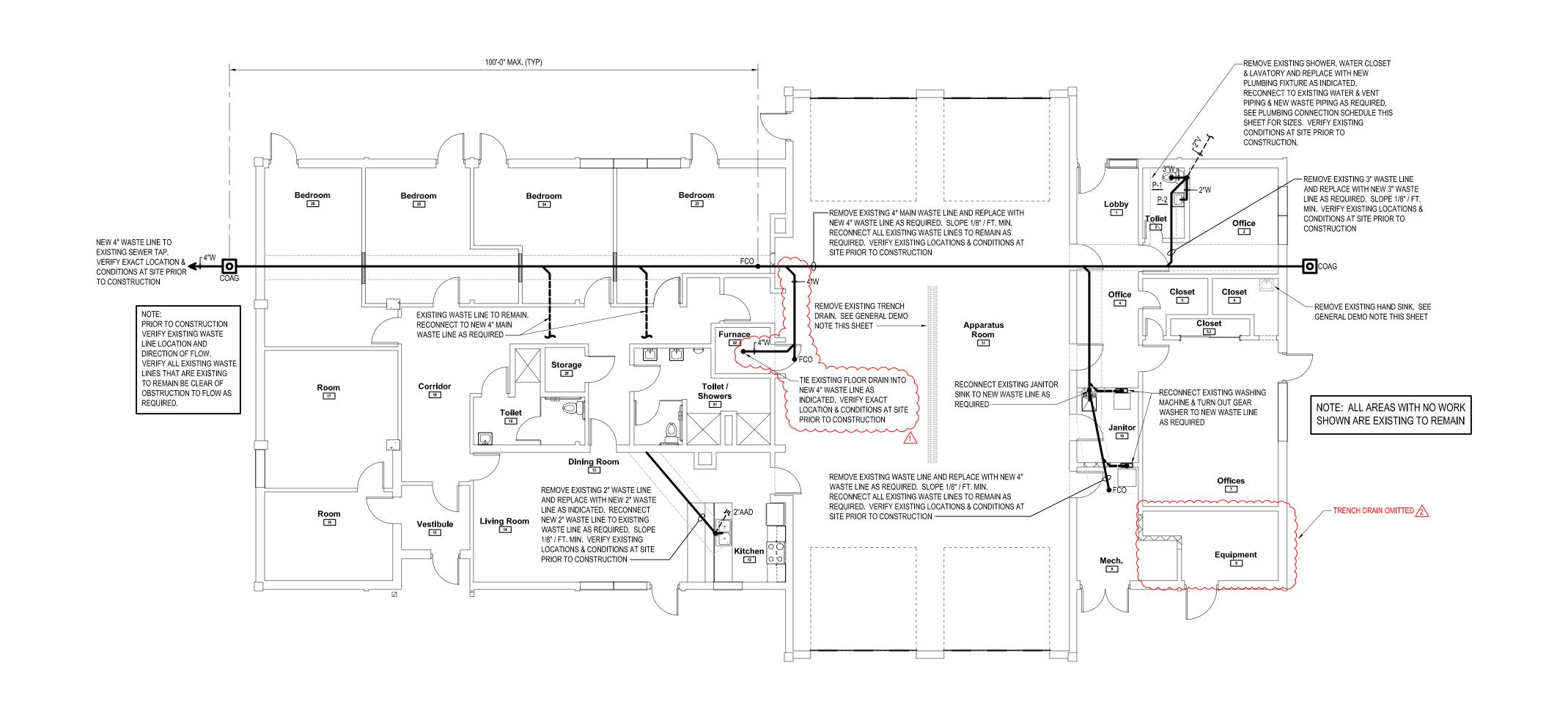
PLUMBI	NG CO	NNECTI	ON SCH	EDULE
FIXTURE	CW	HW	WASTE	VENT
FLUSH TANK WATER CLOSET	1/2"	-	3"	2"
LAVATORY	1/2"	1/2"	2"	1 1/2"
JAN. SINK	1/2"	1/2"	2"	1 1/2"



DETAIL - FLOOR CLEAN OUT



DETAIL - CLEAN OUT AT GRADE





BACKFLOW PREVENTER NOTE:

VERIFY LOCATION OF EXISTING BACK FLOW PREVENTER & WORKING CONDITION FOR PROPOSED USE PRIOR TO CONSTRUCTION. PROVIDE & INSTALL NEW BACK FLOW PREVENTER IN COLD WATER MAIN AS REQUIRED FOR PROPOSED USE.

GENERAL DEMO NOTE:

REMOVE ALL UNUSED PLUMBING LINES, FIXTURES, ETC. AS REQUIRED. CAP PIPING BELOW FLOOR, IN WALL ABOVE CEILING AS REQUIRED. DISPOSE OF ALL MATERIALS PROPERLY. CITY OF WILSON PO Box 10 Wilson, NC 27893

urth V (252) 399-0704

ENGINEERING & SURV



Description:

REVISED PER OWNER

REVISED PER OWNER

Rev: Date: Description:

A 02-07-25 REVISED PER OWNER

A 03-03-25 REVISED PER OWNER

PLUMBING PLAN
ments to Fire Station #4
Forest Hills Rd. NW

PLUM

Ject:
109 Fores

Drawn by: J. Thompson
Issue Date: 01-10-25
Project Number: 24-037

Sheet:

P-1

	ELECTRICA	L LEGEND	
MARK	DESCRIPTION	MARK	DESCRIPTION
1 0/0	"LED" LIGHT FIXTURE (WALL/CEIL.)	Ø	EXHAUST FAN
	"LED" LIGHT FIXTURE	~~	SWITCHED BRANCH CIRCUIT
N/L	"LED" UNSWITCHED LIGHT FIXT. WITH BATTERY STANDBY (SECURITY/ EMERGENCY LT.)	Y ~	UNSWITCHED BRANCH CIRCUIT
♦	"LED" COMBO EXIT/EM. LIGHT		HOMERUN
₩	"LED" BATTERY OPERATED EMERG. LT. (2-HEAD, WALL MTD.)	© ⊣	COMBINATION SMOKE / CARBON / HEAT DETECTOR. INTERCONNECT DETECTORS FOR EACH BEDROOM TOGETHER AS PER LOCAL
\$	SINGLE-POLE SWITCH		FIRE MARSHAL REQUIREMENTS. DO NOT CONNECT TO FIRE ALARM SYSTEM.

ECTRICAL SYSTEM AND EQUIPMENT:	
Method of Complience :	
Prescriptive (Energy Code)	rescriptive (ASHRAE 90.1)
Performance (Energy Code)	erformance (ASHRAE 90.1)
Lighting Schedule	
Lamp type required in fixture	THIS SHEET
Number of lamps in fixture	
Ballast type used in fixture	
Number of ballasts in fixture	
Total wattage per fixture	
Total interior wattage specified -vs- allowed_	
Total exterior wattage specified -vs- allowed_	
Additional Prescriptive Compliance	
506.2.1 More Efficient Mechanical Equipm	nent
506.2.2 Reduced Lighting Power Density	
506.2.3 Energy Recovery Ventilation System	ems
506.2.4 Higher Efficiency Service Water H	Ieating
506.2.5 On-Site Supply of Renewable Energy	rgy
506.2.6 Automatic Daylighting Control Sy	stems

			CEILING FA	AN SCH	HEDULE							
MARK	MAKE *	SERIES / MODEL	TYPE	SIZE	WEIGHT	RPM	WATTS	ELECTRICAL CHARAC		RACTERIST MCA		
CF-1, 2, 3, 4 & 5	HUNTER	BUILDER ELITE	INDOOR CEILING FAN	52"	16 LBS.	155 RPM	100 WATTS	120	1	0.85	15	
			-									

- 1. PROVIDE AND INSTALL WITH WIRED SPEED CONTROLLER & SUSPENSION KIT. 2. VERIFY AND MAINTAIN CLEARANCES WITH MANUFACTURER PRIOR TO INSTALLATION.
- 3. COLOR SELECTED BY OWNER.
- * EQUAL BY MINKA-AIRE, KICHLER

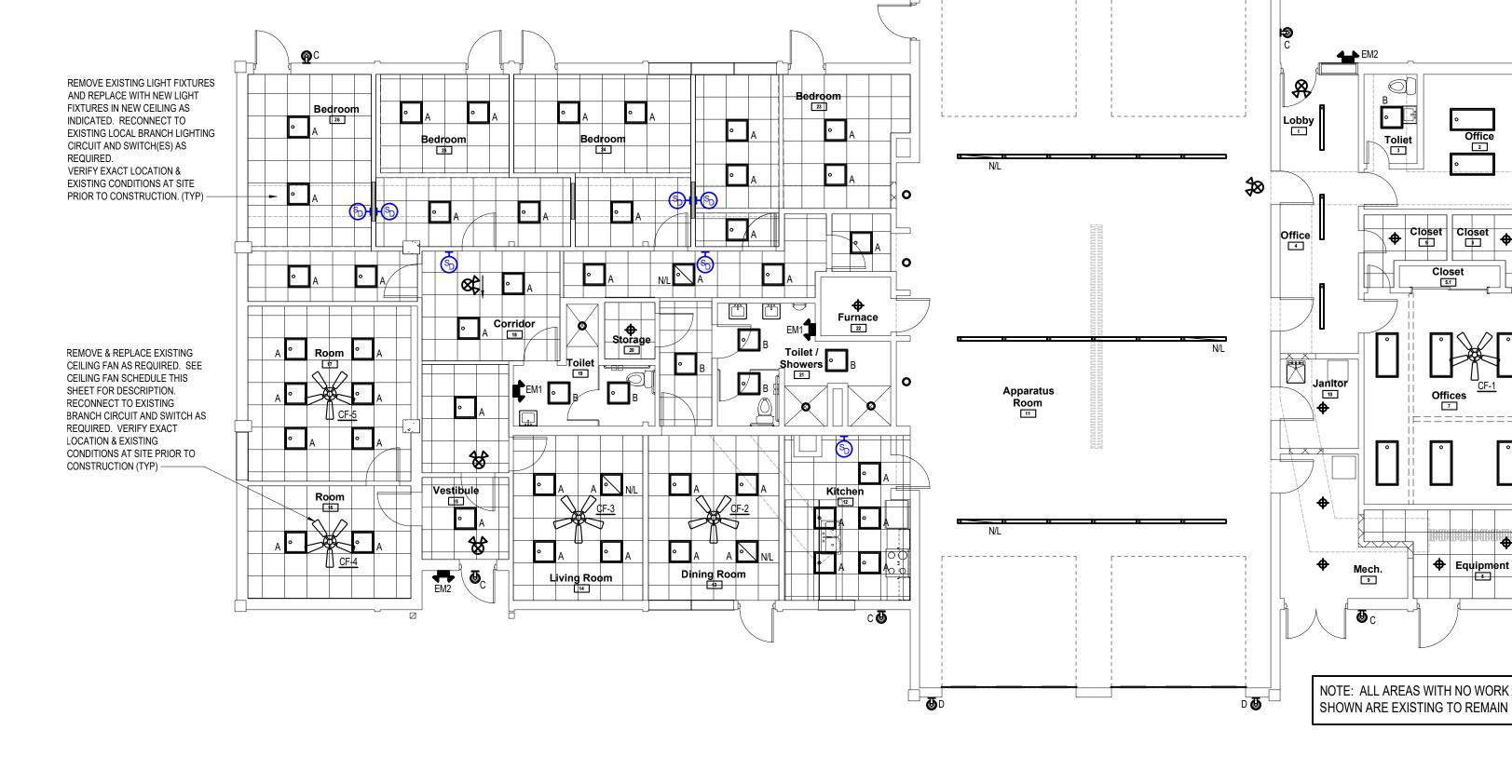
LIGHTING DATA FOR N.C. ENERGY CODE								
AREA USE	SQ. FT.	WATTS PER SQ.FT. ALLOWED	TOTAL WATTS ALLOWED	TOTAL WATTS USED	TOTAL WATTS LEFT OVER			
FIRE DEPARTMENT	6,100	0.67	4,087	3,231	856			

GENERAL ELECTRICAL NOTES:

- 1. WORK SHALL COMPLY WITH NATIONAL ELECTRICAL CODE (NEC) STATE BUILDING CODE, AND ALL REQUIREMENTS OF THE LOCAL INSPECTOR. ALL WORK SHALL BE BY LICENSED ELECTRICAL CONTRACTOR.
- 2. ALL NEW BRANCH CIRCUITS SHALL BE E.M.T., RIGID CONDUIT OR MC CABLE AS PERMITTED OR REQUIRED. RIGID CONDUIT SHALL BE USED FOR CIRCUITS UNDER SLAB ON GRADE, OR WHERE APPROVED SCHEDULE 80 PVC MAY BE USED. EXPOSED CONDUIT SHALL BE PAINTED PER OWNER'S DIRECTION.
- 3. ALL CONDUCTORS SHALL BE COPPER.
- 4. PROVIDE GREEN GROUNDING CONDUCTOR CONTINUOUS FROM DEVICE TO PANEL GROUND BAR.
- 5. EMT FITTINGS SHALL BE HEXAGONAL ALL STEEL, COMPRESSION TYPE.
- 6. ALL CIRCUITS SHALL BE TESTED WITH 500 VOLT TESTER PRIOR TO ENERGIZING.
- 7. CONTRACTOR SHALL VERIFY EXISTING CONDITIONS AT SITE PRIOR TO CONSTRUCTION.

SYMBOL	MANUFACTURER	DESCRIPTION	NO.	LAMPS TYPE			
• A	LITHONIA OR EQUAL	"CPX" 2X2 LED LIGHTING PANEL WITH SATIN WHITE LENS. 120V 4,000 LUMENS, 4,000K COLOR TEMP.	-	37	LED'S	LAY-IN	
A N/L	LITHONIA OR EQUAL	"CPX" 2X2 LED LIGHTING PANEL WITH SATIN WHITE LENS. 120V 4,000 LUMENS, 4,000K COLOR TEMP. N/L FIXTURE - PROVIDE AND INSTALL WITH BATTERY BACKUP	-	37	LED'S	LAY-IN	
• B	LITHONIA OR EQUAL	"CPX" 2X2 LED LIGHTING PANEL WITH SATIN WHITE LENS. 120V 4,000 LUMENS, 4,000K COLOR TEMP.	-	37	LED'S	SURFACE	
0	LITHONIA OR EQUAL	"CPX" 2X4 LED LIGHTING PANEL WITH SATIN WHITE LENS. 120V 5,000 LUMENS, 4,000K COLOR TEMP.	-	40	LED'S	SURFACE	
0	HALO OR EQUAL	"PR6" 6" COMMERCIAL, DIMMABLE LED CAN LIGHT. IC RATED 1,500 LUMENS, 4,000K COLOR TEMP. 120V	-	14	LED'S	RECESSED	
0	LITHONIA OR EQUAL	"CLX" SERIES 4' LED STRIP WITH WIDE DIFFUSE CLEAR LENS. 120V 5,000 LUMENS, 5,000K COLOR TEMP.	-	32	LED'S	SURFACE	
N/L	LITHONIA OR EQUAL	"CLX" SERIES 4' LED STRIP WITH WIDE DIFFUSE CLEAR LENS. 120V 5,000 LUMENS, 5,000K COLOR TEMP. N/L FIXTURE - PROVIDE AND INSTALL WITH BATTERY BACKUP	-	32	LED'S	SURFACE	
\(\Phi \)	LITHONIA OR EQUAL	SURFACE MOUNTED LED LIGHT FOR MECHANICAL / CLOSET SPACE. 120V 3,500 LUMENS, 5,000K COLOR TEMP.	-	25	LED'S	SURFACE	
₩	LITHONIA OR EQUAL	LED EXIT/EMERGENCY COMBO LIGHT WITH BATTERY BACKUP. 120V DUAL REMOTE READY AT EXTERIOR DOORS	-	-	LED'S	CEILING/WAI	
EM1	LITHONIA OR EQUAL	EMERGENCY LIGHT WITH BATTERY BACKUP. 120V	-	-	LED'S	WALL	
EM2	LITHONIA OR EQUAL	REMOTE DUAL HEAD POWERED FROM EMERGENCY LIGHT BATTERY PACK WET/DAMP LOCATION. 120V	-	-	LED'S	WALL	
@ C	LITHONIA OR EQUAL	"TWX1" "LED" WALL PACK. 2,950 LUMENS, 5,000K COLOR TEMP. SUITABLE FOR WET/DAMP LOCATION. 120V	-	22	LED'S	WALL	
@ D	LITHONIA OR EQUAL	"TWX2" "LED" WALL PACK. 7,000 LUMENS, 5,000K COLOR TEMP. SUITABLE FOR WET/DAMP LOCATION. 120V	-	54	LED'S	WALL	

- NOTE (1) FIXTURES SHALL HAVE DISCONNECTING MEANS MEETING THE REQUIREMENTS OF
- NEC ARTICLE 410.130(G).
- NOTE (2) COORDINATE ALL FIXTURE REQUIREMENTS, COLOR TEMP, CRI (COLOR RENDERING INDEX) ETC. WITH OWNER PRIOR TO INSTALLATION. NOTE (3) - SHIFT LOCATIONS OF FIXTURES IN MECHANICAL AREAS IF/AS REQUIRED TO BEST LIGHT SPACES &
- AVOID CONFLICTS WITH DUCTS, PIPING, ETC.
- NOTE (4) PROVIDE CHANNEL SUPPORTS WITH HANGER RODS, ETC. WHERE NECESSARY TO SUSPEND FIXTURES BENEATH DUCTWORK, PIPING, ETC.



EXISTING "ALARM ACTIVATED" LIGHTING & DEVICE NOTE: ALL EXISTING "ALARM ACTIVATED" LIGHT FIXTURES, DEVICES, WIRING, ETC. TO REMAIN. DO NOT DISTURB

REMOVE AND REPLACE ALL EXISTING CEILING MOUNTED DEVICES IN AREAS WITH NEW LAY-IN CEILINGS AS REQUIRED. RECONNECT TO EXISTING BRANCH CIRCUITS AS REQUIRED. VERIFY EXACT LOCATION & EXISTING CONDITIONS AT SITE PRIOR TO CONSTRUCTION.

 $\frac{ \texttt{EXISTING CEILING MOUNTED REGISTER, GRILLE \& } { \texttt{DIFFUSER GENERAL NOTE:} }$ REMOVE, CLEAN & REPLACE EXISTING REGISTER, GRILLE & DIFFUSERS IN AREAS WITH NEW LAY-IN CEILING AS REQUIRED. VERIFY EXACT LOCATION & EXISTING CONDITIONS AT SITE PRIOR TO CONSTRUCTION.

EXISTING HVAC SYSTEMS, DUCTWORK, THERMOSTATS, ETC. ARE EXISTING TO REMAIN. CONTRACTOR SHALL SEAL ALL EXISTING DUCTWORK IN AREAS WITH NEW LAY-IN CEILINGS TO PROVIDE A CONTINUOUS VAPOR BARRIER AS REQUIRED.

LOCATIONS OF EXIT SIGNS NO SCALE

FLOW OF PEOPLE

- EXIT SIGN PERPENDICULAR & FACING DIRECTION OF TRAVEL

1. EXIT SIGN OR SIGNS ARE SHOWN AS "ON

2. EXIT SIGNS SHALL BE SINGLE OR DOUBLE-FACE

AS REQUIRED WITH CHEVRON DIRECTIONAL INDICATORS.

3. CONTRACTOR SHALL LOCATE EXIT SIGNS NEAR THE CEILING AND VERIFY A CLEAR LINE OF VISION.

(2 SIGNS REQUIRED)

EXIT SIGN FACING

DIRECTION OF TRAVEL

FLOW OF PEOPLE

EXIT SIGN PERPENDICULAR

TO DIRECTION OF TRAVEL

FLOW OF PEOPLE

FLOW OF PEOPLE



FIRE ALARM DEVICE NOTE:

EXISTING FIRE ALARM SYSTEM TO REMAIN. ALL FIRE ALARM DEVICES ON EXISTING CEILING SHALL BE REMOVED AND REINSTALLED IN SAME LOCATION ON NEW CEILING. CONTRACTOR SHALL VERIFY EXISTING CONDITIONS AT SITE PRIOR TO CONSTRUCTION

Q Equipment

GENERAL DEMO NOTE:

REMOVE ALL EXISTING UNUSED ELECTRICAL DEVICES, FIXTURES, BOXES, SWITCHES, WIRING, DISCONNECTS, CONDUIT, ETC. AS REQUIRED. DISPOSE OF ALL MATERIALS PROPERLY.





e Station Brd. NW B7893 to Fire Hills NC 2

ELECTRICAL MECHANICAL

J. Thompsor

01-10-25 Issue Date: Project Number: 24-037

Sheet:

ME-1