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COMPONENT

HOSE BIBB

DESCRIPTION

WOODFORD 24 INTERIOR HOSE BIBB W/ VACUUM

BREAKER AND HANDLE MOUNT 12" A.F.F.

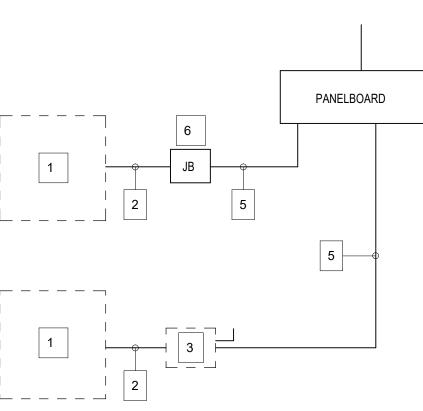
ROUGH-IN CONNECTIONS

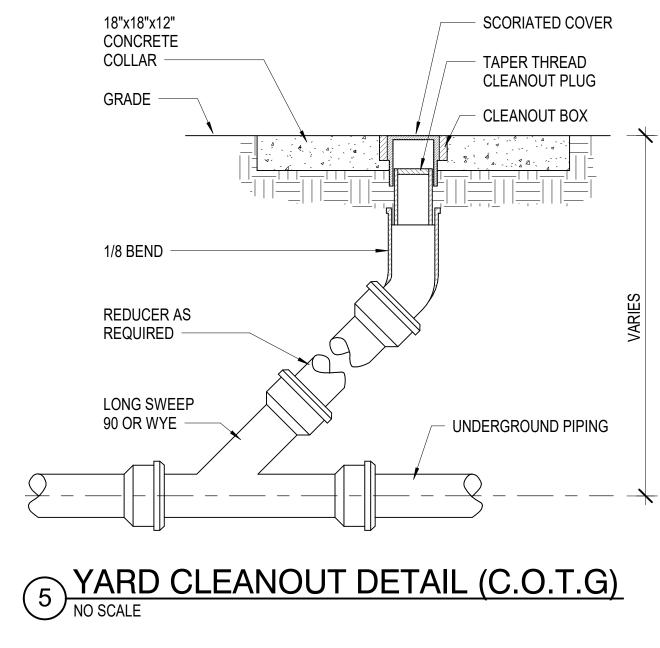
CW

1/2"

DESCRIPTION

HOSE BIBB





SCORIATED COVER	
TAPER THREAD	
CLEANOUT BOX	N

PLUMBING / MECHANICAL LEGEND				
SYMBOL	DESCRIPTION			
———— FM————	FORCED MAIN			
STM	STORM DRAINAGE			
ORD	OVERFLOW ROOF DRAINAGE			
CW	COLD WATER			
D	CONDENSATE DRAIN			
	FLOW ARROW			
0	VALVE IN RISER			
	BALL VALVE			
Image: A matrix	CHECK VALVE			
	STRAINER			
	WATER PRESSURE REGULATOR			
WCO	WALL CLEANOUT			
FCO	FLOOR CLEANOUT			
C.O.T.G.	CLEANOUT TO GRADE			
$\mathbf{\bullet}$	INVERT ELEVATION			
8" STM	PIPE SIZE PIPE SYSTEM ABBREVATION UTILITY RISER DESIGNATION			

	PARKING DRAIN SCHEDULE						
Symbol	Description	Model	Manuf.	Comments			
3"PD-2	9 INCH DIAMETER HEAVY DUTY PARKING DECK DRAIN WITH SUPPORT FLANGE	Z533-NL	ZURN	NEO LOC OUTLET, DURA-COATED CAST IRON BODY WITH BOTTOM OUTLET, 16 SQ.IN. GRATE FREE AREA			
4"PD-2	9 INCH DIAMETER HEAVY DUTY PARKING DECK DRAIN WITH SUPPORT FLANGE	Z533-NL	ZURN	NEO LOC OUTLET, DURA-COATED CAST IRON BODY WITH BOTTOM OUTLET, 16 SQ.IN. GRATE FREE AREA			
6"PD-1	15 INCH DIAMETER HEAVY DUTY PARKING DECK DRAIN WITH SUPPORT FLANGE	Z536-NL	ZURN	NEO LOC OUTLET, DURA-COATED CAST IRON BODY WITH BOTTOM OUTLET, 56 SQ.IN. GRATE FREE AREA			
8"OPD-1	16 INCH DIAMETER HEAVY DUTY PARKING DECK DRAIN WITH SUPPORT FLANGE	Z537-NL	ZURN	NEO LOC OUTLET, DURA-COATED CAST IRON BODY WITH BOTTOM OUTLET, 79 SQ.IN. GRATE FREE AREA			
8"PD-1	16 INCH DIAMETER HEAVY DUTY PARKING DECK DRAIN WITH SUPPORT FLANGE	Z537-NL	ZURN	NEO LOC OUTLET, DURA-COATED CAST IRON BODY WITH BOTTOM OUTLET, 79 SQ.IN. GRATE FREE AREA			

NOTE: THE BASIS OF DESIGN MANUFACTURER IS ZURN OR EQUIVALENT BY JR SMITH OR JOSAM.

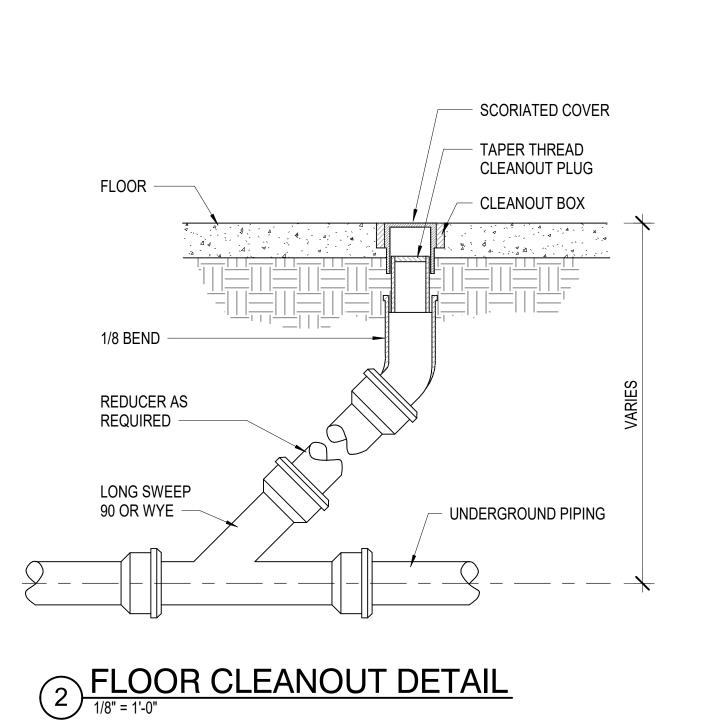
	FUNNEL DRAIN SCHEDULE						
Symbol	Symbol Description Model Manuf. Comments						
3"FD-1 FIXED AIR GAP FUNNEL DRAIN Z1025 - 3 Zurn Industries							
NOTE: THE	NOTE: THE BASIS OF DESIGN MANUFACTURER IS ZURN OR EQUIVALENT BY JR SMITH OR JOSAM.						

	FUNNEL DRAIN SCHEDULE						
Symbol	Description	Model	Manuf.	Comments			
3"FD-1	3"FD-1 FIXED AIR GAP FUNNEL DRAIN Z1025 - 3 Zurn Industries						
NOTE: THE BASIS OF DESIGN MANUFACTURER IS ZURN OR EQUIVALENT BY JR SMITH OR JOSAM.							

PLUMBING BACKFLOW PREVENTER SCHEDULE								
Symbol	Description	Zurn Model	Rated Flow	Pressure Drop At Rated Flow				
2"RPBP-1 Lead-Free* RP Reduced Pressure Principle 375XL 160 GPM 15 PSI Assembly								

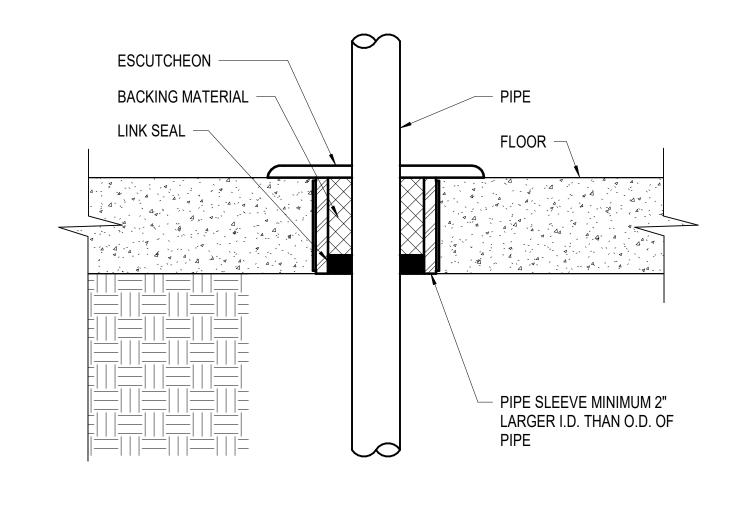
	SUMP PUMP SCHEDULE								
SYMBOL	Description	GPM	Head	Model	Manufacturer	HP	Phase	Voltage	Comments
SP-1	ELEVATOR SUMP PUMP	50	20	N153	ZOELLER	.5	1	120	PROVIDED WITH ZOELLER CONTROL PANEL WITH DRY CONTACTS FOR SYSTEM ALARM
SP-2     ELEVATOR SUMP PUMP     50     20     N153     ZOELLER     .5     1     120     PROVIDED WITH ZOELLER CONTROL PANEL WITH DRY CONTACTS FOR SYSTEM ALARM									

		P	LUMBII
MARK	DESCRIPTION	SIZE	
FCO	FLOOR TYPE CLEANOUT	REFER TO DRAWINGS	ZURN TOP A
WCO	WALL TYPE CLEANOUT	REFER TO DRAWINGS	ZURN



REMARKS

# 1 FLOOR PIPE PENETRATION



N Z1441-BP OR Z1446-BP CAST BRONZE TAPER-THREAD PLUG W/ STAINLESS STEEL COVER.

N ZN1402 FOR CONCRETE FLOORS, CAST IRON HEAVY DUTY WITH ROUND ADJUSTABLE RECESSED NICKEL-BRONZE AND TAPER- THREAD BRONZE PLUG

MANUFACTURER/MODEL/DESCRIPTION

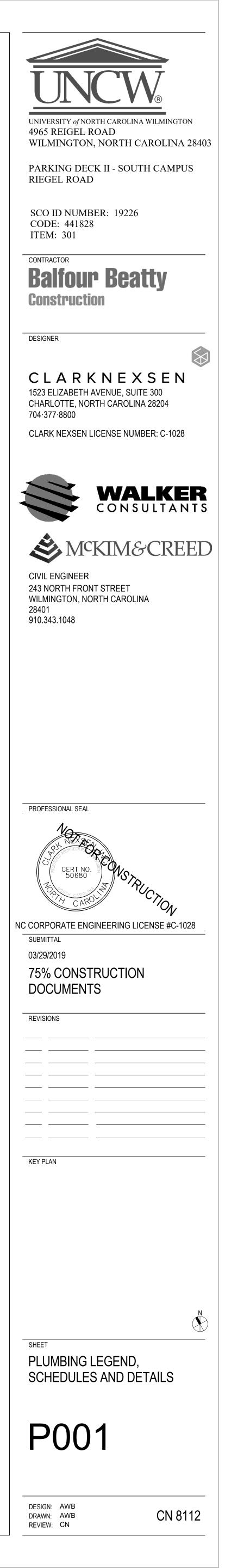
PLUMBING SPECIALTIES SCHEDULE

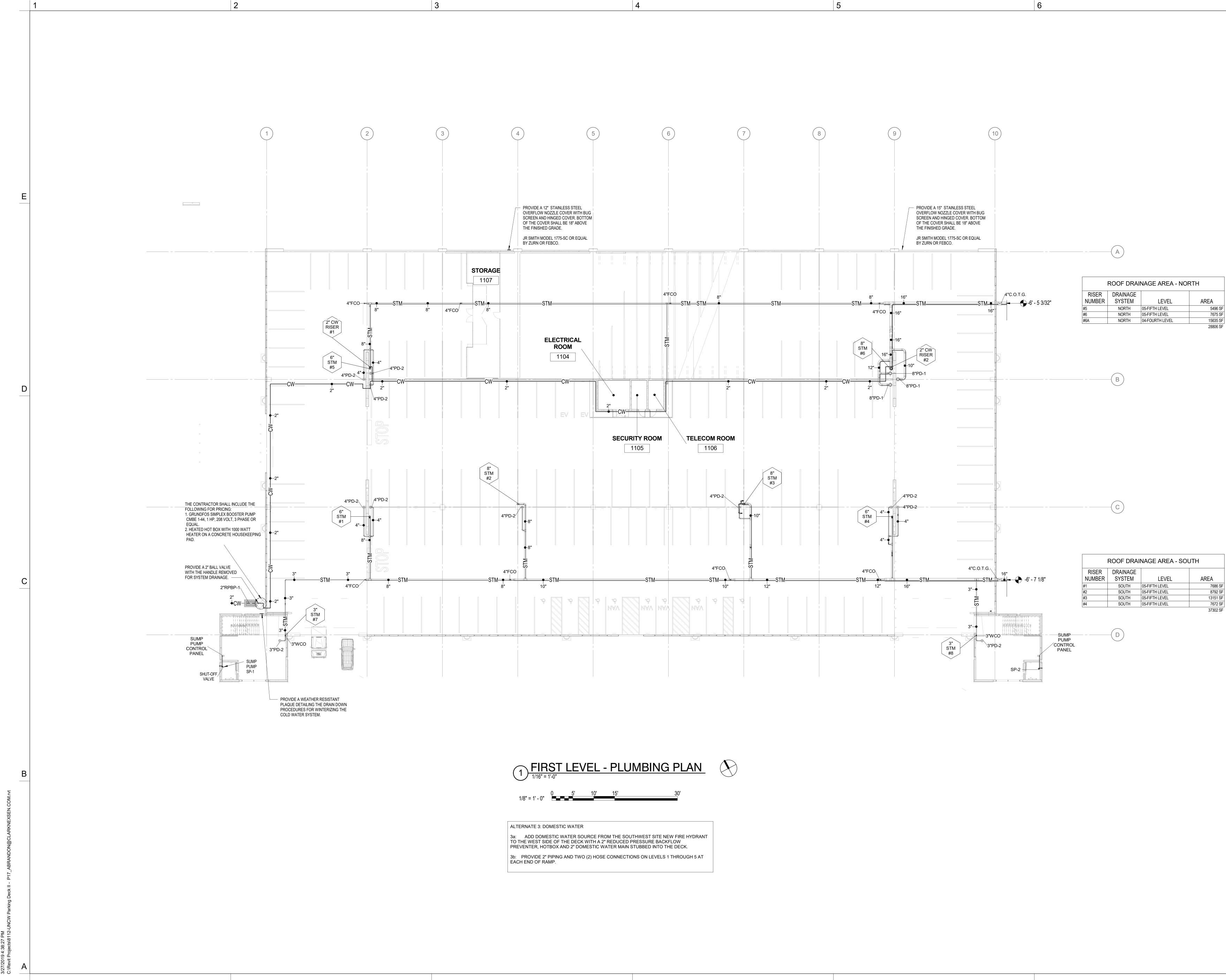
DRAIN SCHEDULE				
	DRAIN S	CHEDULE		

	PLUMBING GENERAL NOTES
	FLOWIDING GENERAL NOTES
No.	DESCRIPTION
1	NO BURIED PIPING UNDER THE SLAB SHALL BE INSTALLED WITHIN THE FOOTING BEARING
2	CUTTING OF OPENINGS IN EXISTING CONSTRUCTION ASSOCIATED WITH THE PIPING SYSTEMS SHALL BE PROVIDED BY THE PLUMBING CONTRACTOR.
3	ALL BURIED PRESSURE PIPING INSTALLED SHALL BE A MINIMUM OF 36" BELOW FINISHED GRADE TO TOP OF PIPE.
4	THE ISOMETRIC IS SCHEMATIC IN NATURE AND PROVIDED FOR GENERAL ROUTING AND CLARIFICATION THE ISOMETRIC SHALL NOT BE USED FOR A SPECIFIC ESTIMATE TAKE-OFF OF PIPE LENGTHS AND FITTINGS.
5	THE PLUMBING CONTRACTOR'S WORK SHALL BE COORDINATED IN SUCH A MANNER AS TO NEVER BLOCK SERVICE PATHWAYS TO AND FROM ANY BUILDING AND TO MINIMIZE INTERFERENCE WITH SITE ACCESSIBLITY.
6	THE PLUMBING CONTRACTOR IS REQUIRED TO PROVIDE 3" MINIMUM DURABLE PRINTED PLASTIC WARNING TAPE FOR EXTERIOR METALLIC PIPING WITHIN THE SCOPE OF HIS CONTRACT. THE WARNING TAPE SHALL BE IDENTIFIED FOR THE SPECIFIC UTILITY
7	THE PLUMBING CONTRACTOR IS REQUIRED TO PROVIDE 2" MINIMUM DETECTABLE TRACER WIRE FOR EXTERIOR NON-METALLIC PIPING DISTRIBUTION WITHIN THE SCOPE OF HIS CONTRACT. THE TRACER WIRE SHALL BE IDENTIFIED FOR THE SPECIFIC UTILITY.
8	THE CONTRACTOR SHALL PROVIDE DAILY CLEAN-UP OF DEBRIS ASSOCIATED WITH THIS SCOPE OF WORK.
9	THE PLUMBING CONTRACTOR'S WORK SHALL BE COORDINATED IN SUCH A MANNER AS TO NEVER BLOCK SERVICE PATHWAYS TO AND FROM THIS BUILDING.
10	THE OMISSION OF OR THE INCLUSION OF UTILITY LOCATIONS ON THE PLANS ARE NOT TO BE CONSIDERED AS THE NON-EXISTENCE OF UTILITIES OR A DEFINITE EXISTENCE OF UTILITIES.
11	CONTRACTOR ASSUMES ALL RESPONSIBLITY FOR LOCATION AND PROTECTING UTLITIES PRIOR TO CONSTRUCTION.
12	ANY DAMAGES SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
13	CONTRACTOR TO COORDINATE ANY PROBLEMS OR FIELD CONDITIONS THAT MAY CHANGE DESIGN WITH THE OWNER AND ENGINEER PRIOR TO PROCEEDING.
14	THE STOCKPILING OF EXCESS MATERIAL ON SITE WILL NOT BE ALLOWED.
15	ALL WORK SHALL BE ACCOMPLISHED IN ACCORDANCE WITH ALL LOCAL, STATE, AND

FEDERAL CODES OR ORDINANCES.

16 REFER TO DETAIL 3/S-550 FOR VERTICAL PIPING PROTECTION DETAILS.

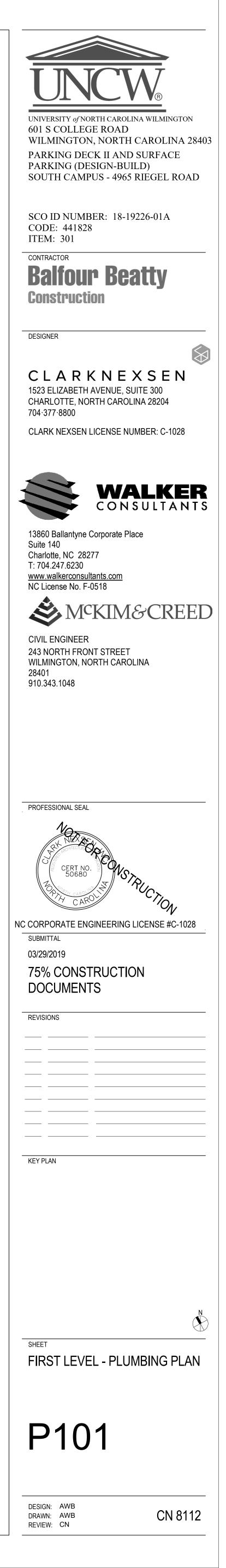


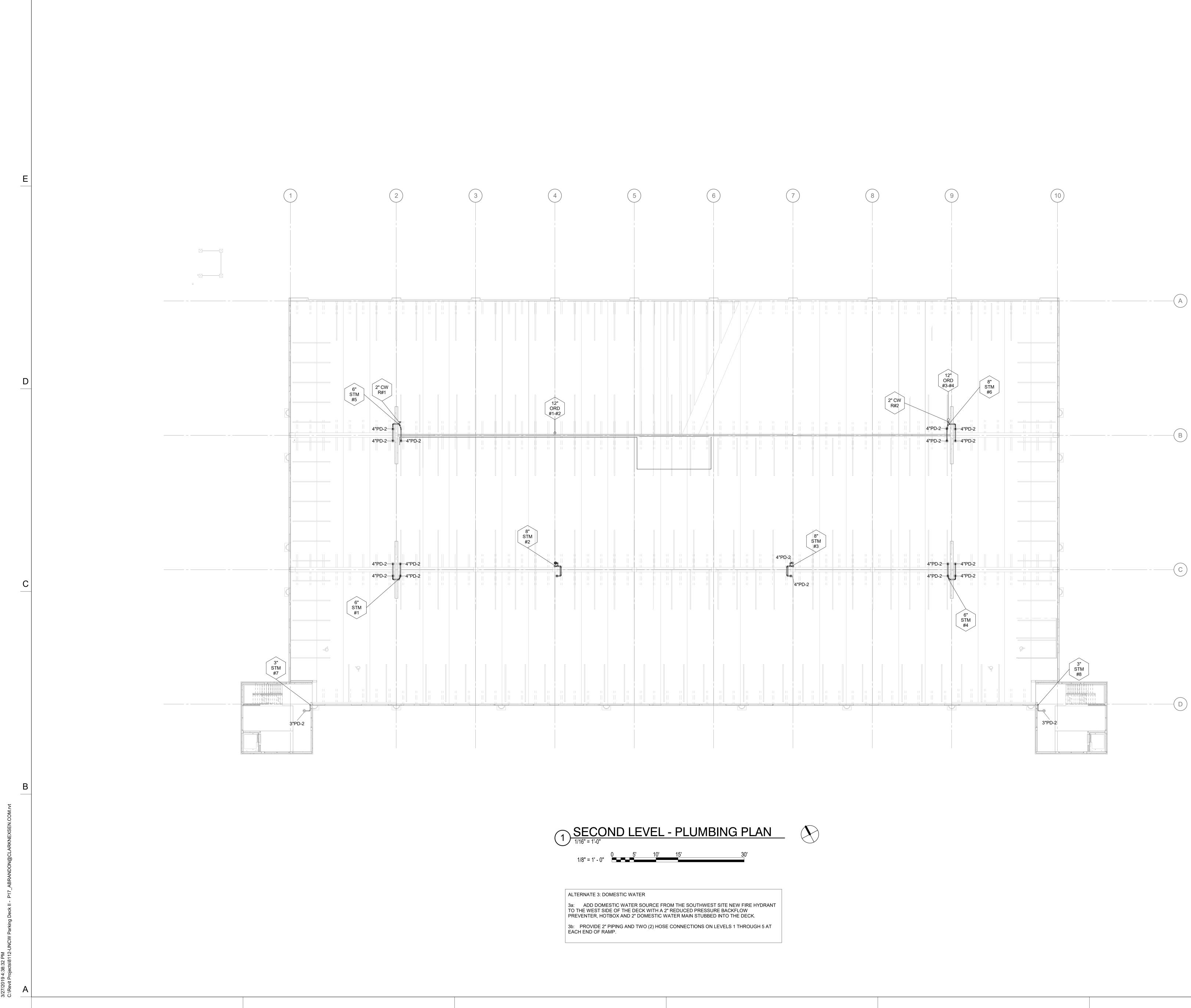


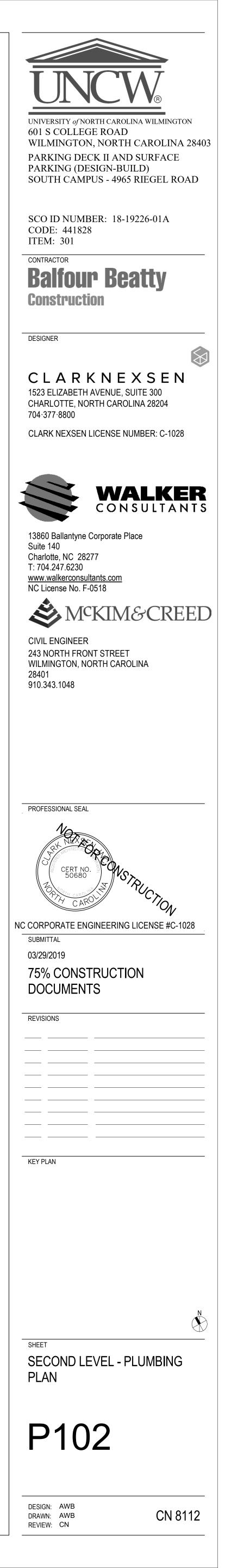


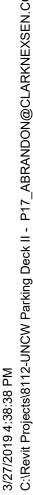




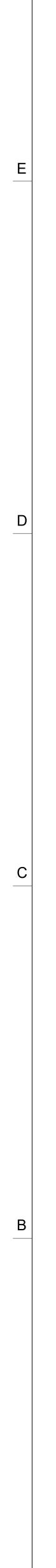


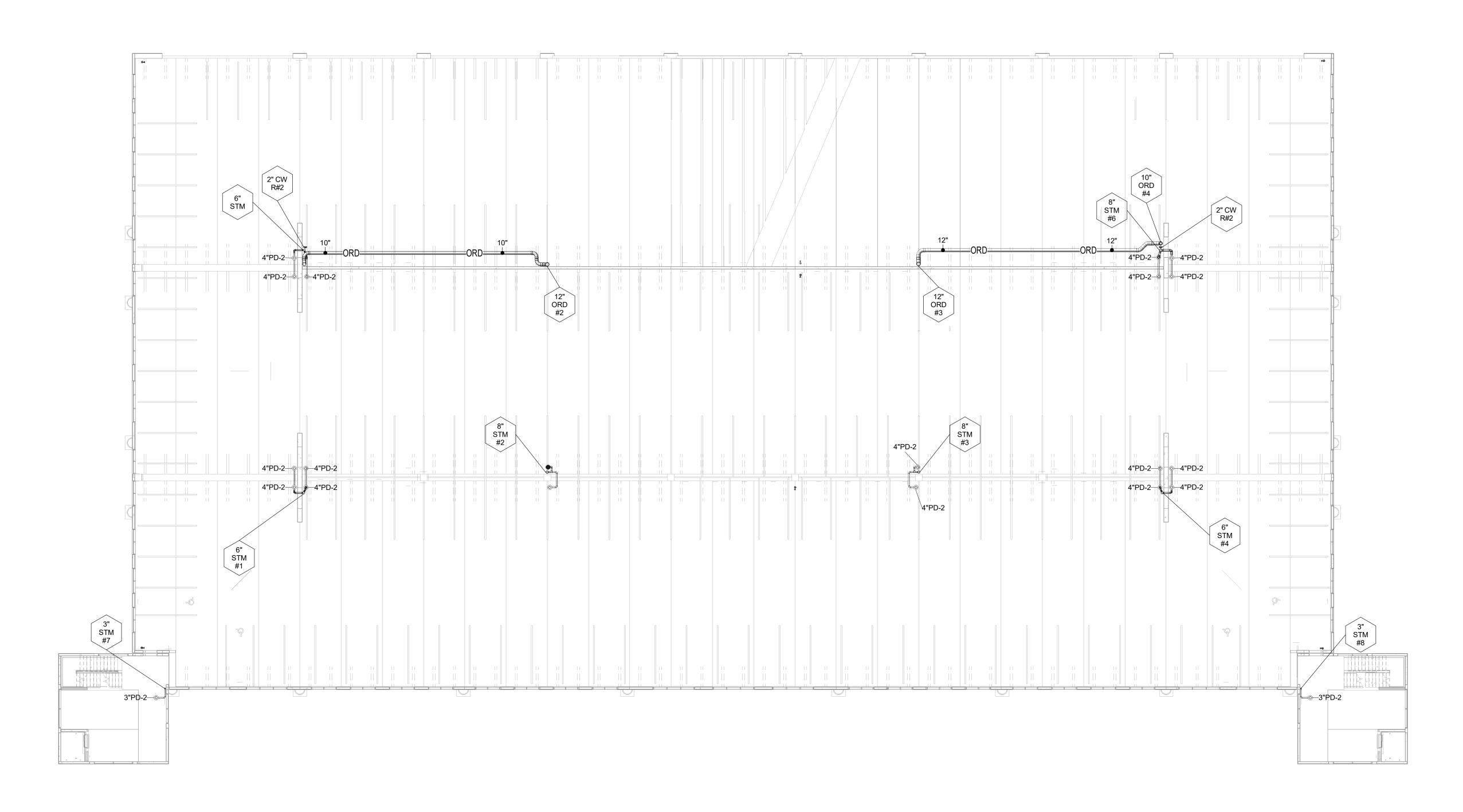


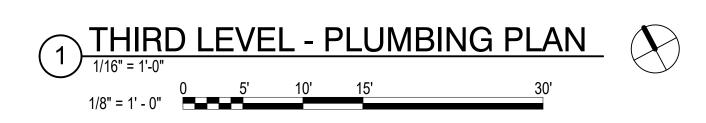








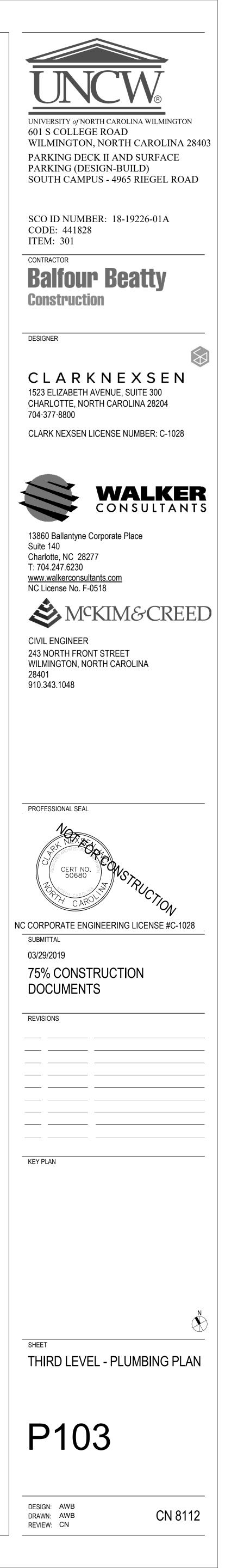




ALTERNATE 3: DOMESTIC WATER

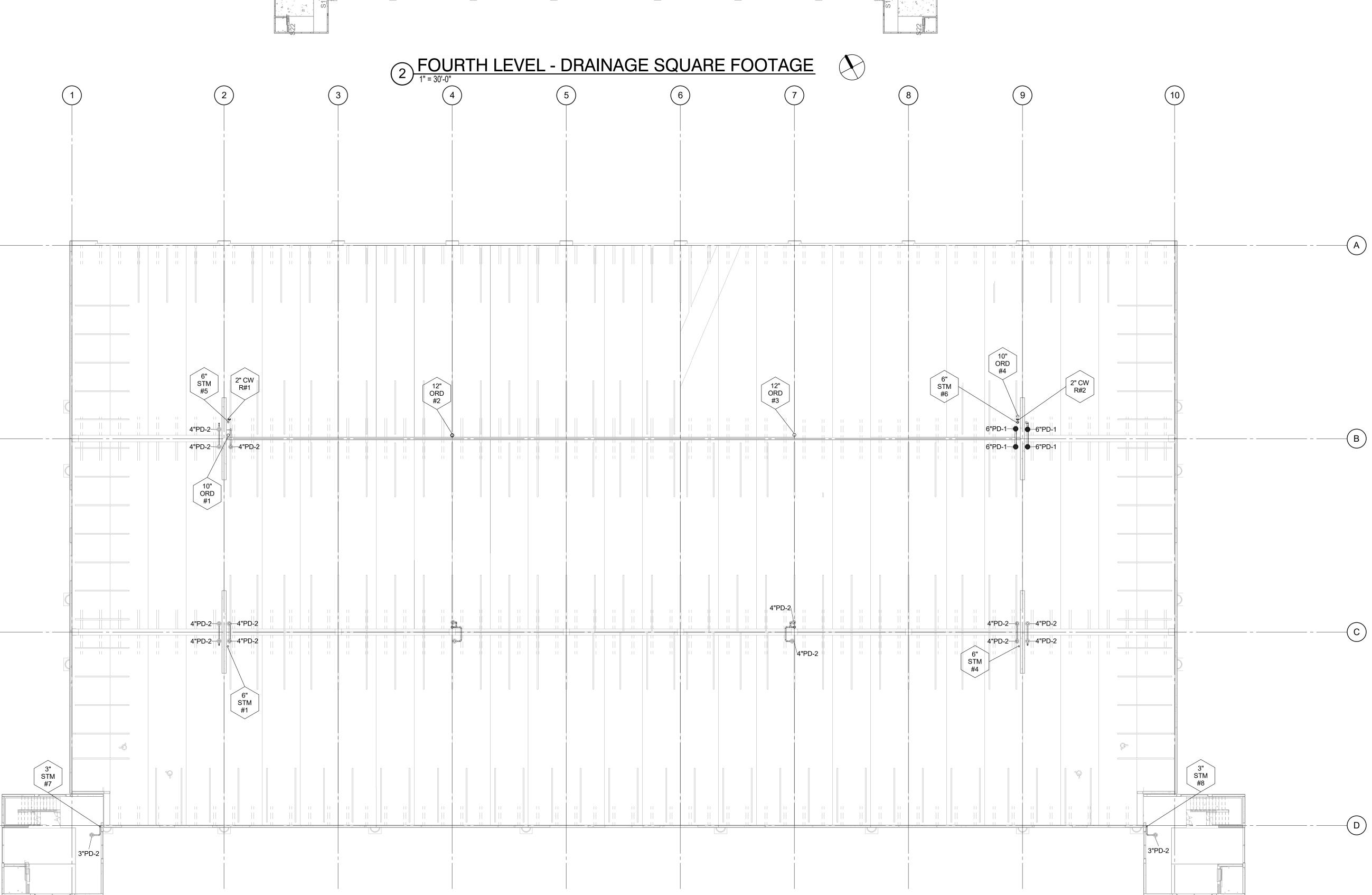
3a: ADD DOMESTIC WATER SOURCE FROM THE SOUTHWEST SITE NEW FIRE HYDRANT TO THE WEST SIDE OF THE DECK WITH A 2" REDUCED PRESSURE BACKFLOW PREVENTER, HOTBOX AND 2" DOMESTIC WATER MAIN STUBBED INTO THE DECK. 3b: PROVIDE 2" PIPING AND TWO (2) HOSE CONNECTIONS ON LEVELS 1 THROUGH 5 AT EACH END OF RAMP.

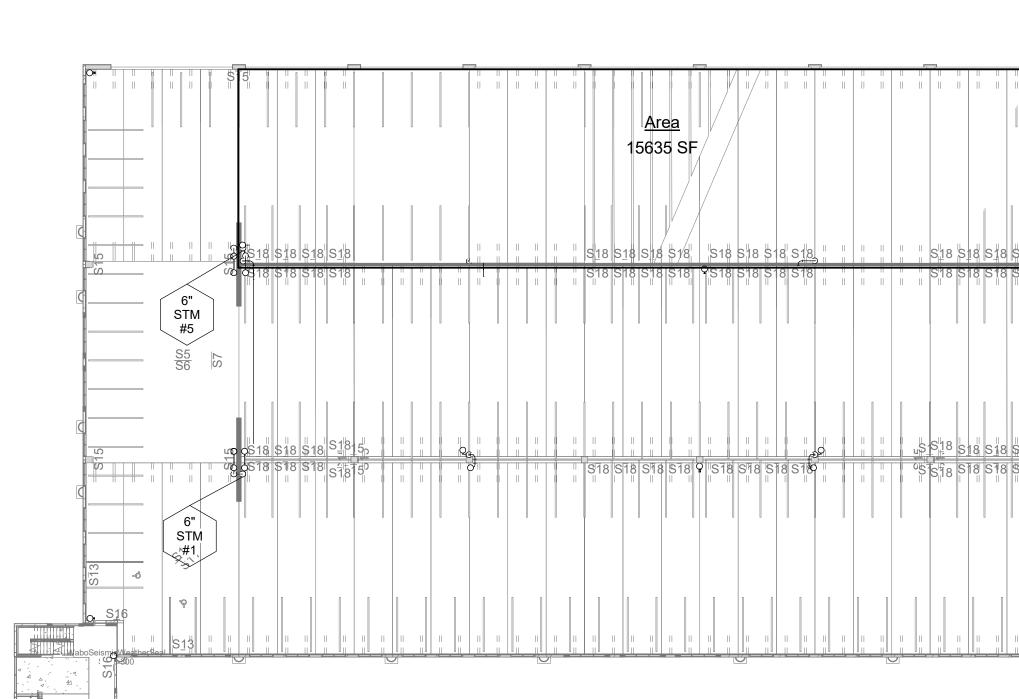
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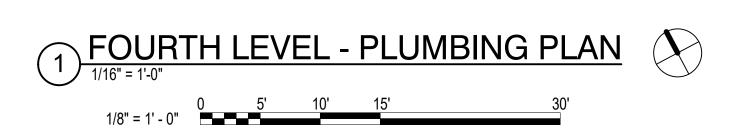










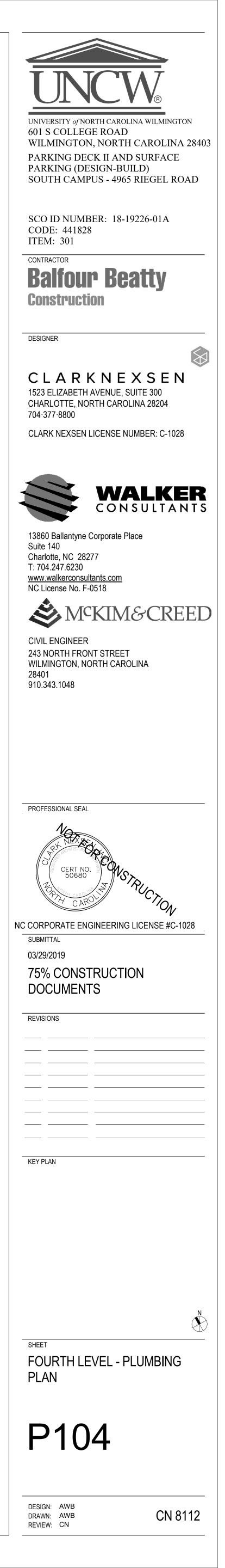


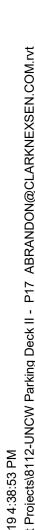
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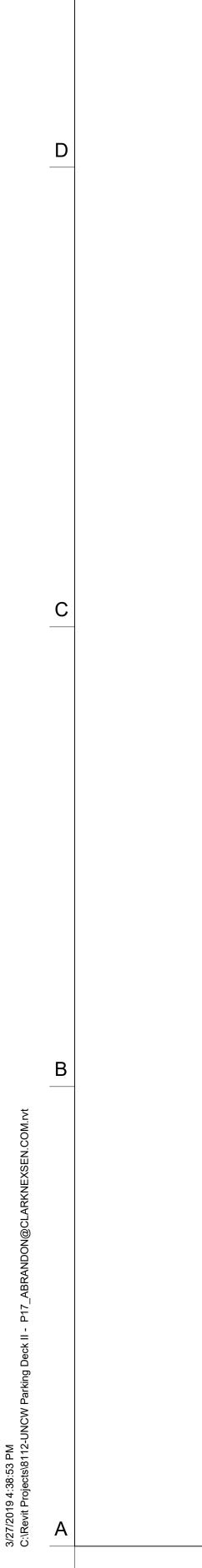
ROOF DRAINAGE AREA - NORTH				
RISER NUMBER	DRAINAGE SYSTEM	LEVEL	AREA	
#5	NORTH	05-FIFTH LEVEL	5496 SF	
#6	NORTH	05-FIFTH LEVEL	7675 SF	
#6A	NORTH	04-FOURTH LEVEL	15635 SF	
		•	28806 SF	

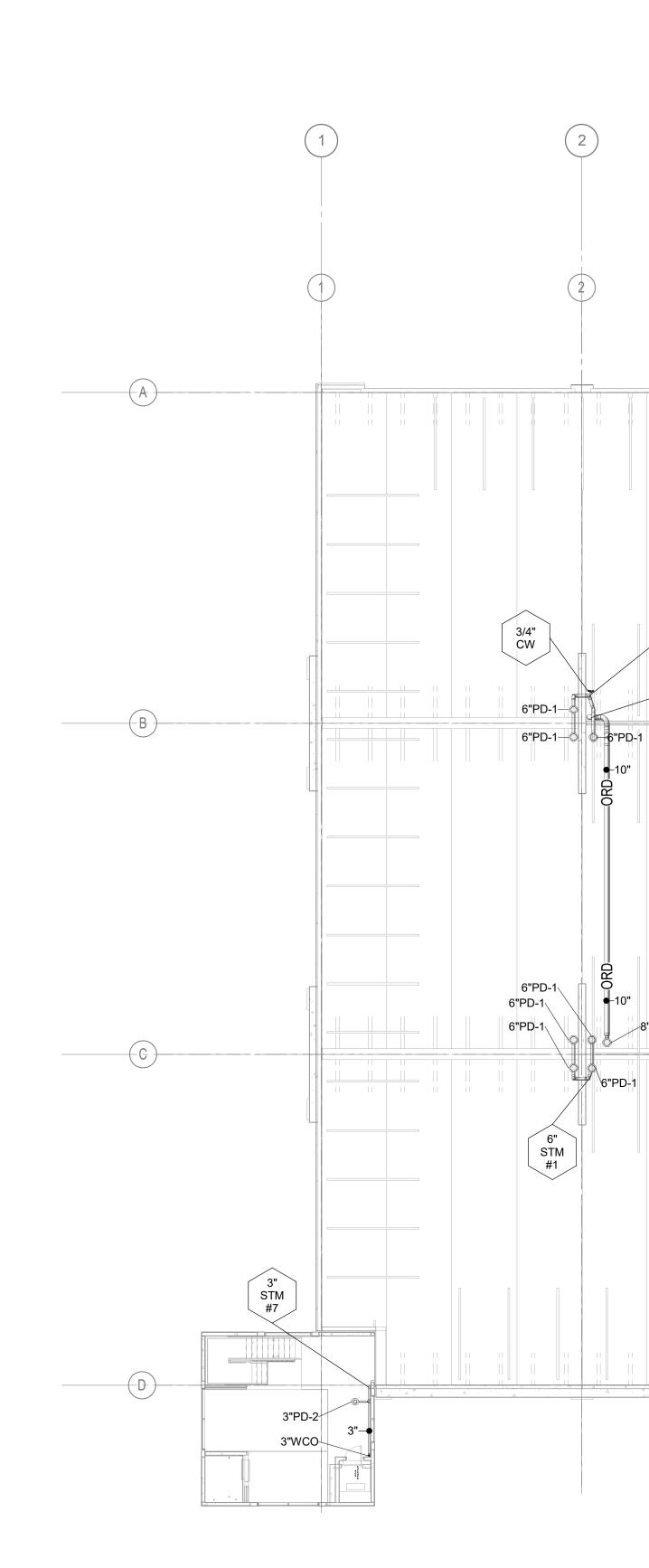
## ALTERNATE 3: DOMESTIC WATER

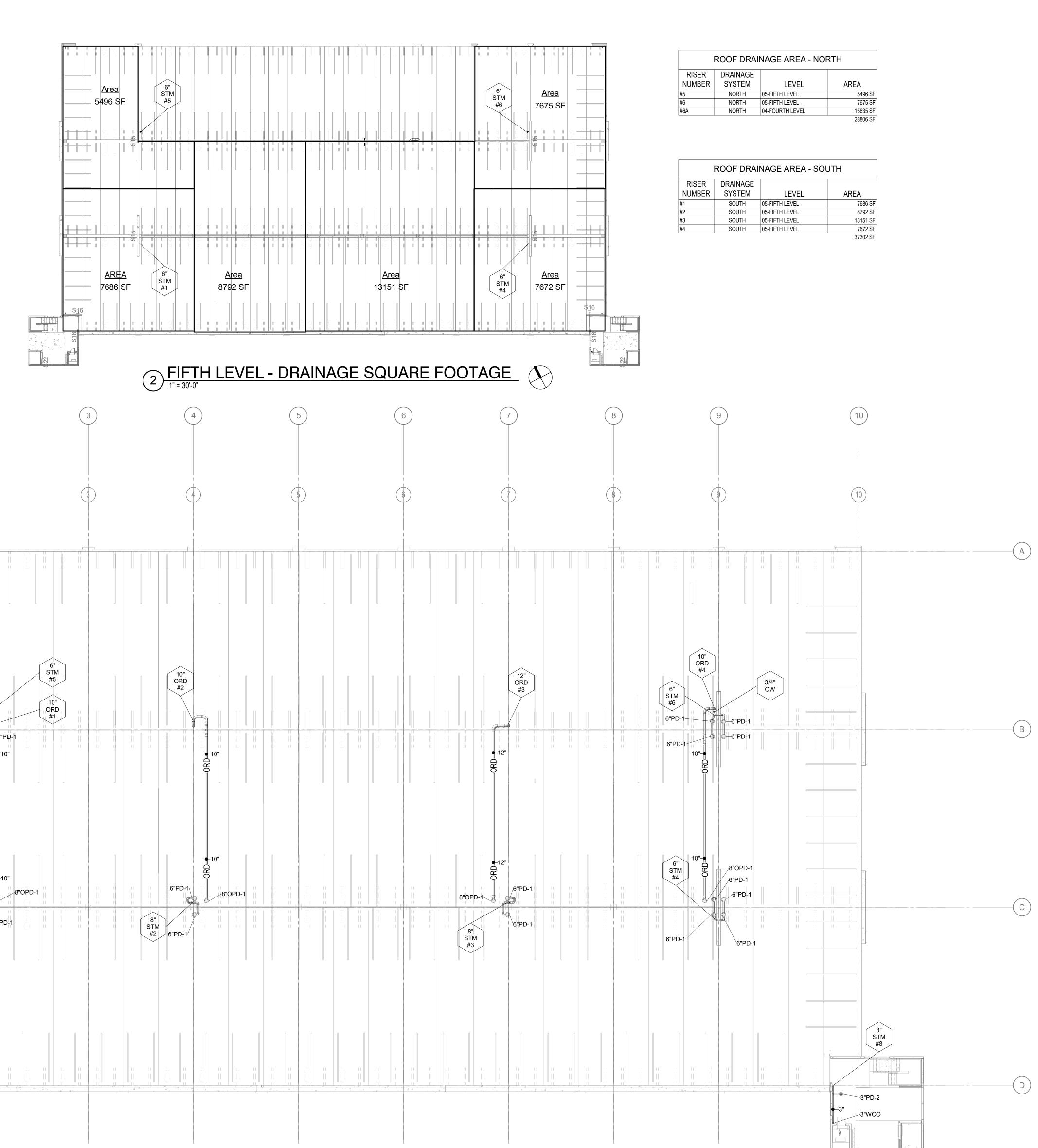
3a: ADD DOMESTIC WATER SOURCE FROM THE SOUTHWEST SITE NEW FIRE HYDRANT TO THE WEST SIDE OF THE DECK WITH A 2" REDUCED PRESSURE BACKFLOW PREVENTER, HOTBOX AND 2" DOMESTIC WATER MAIN STUBBED INTO THE DECK.
3b: PROVIDE 2" PIPING AND TWO (2) HOSE CONNECTIONS ON LEVELS 1 THROUGH 5 AT EACH END OF RAMP.





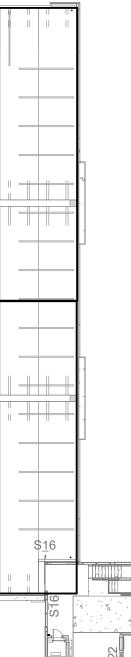






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 1/16'' = 1'-0'' \\
 1/8'' = 1'-0'' \\
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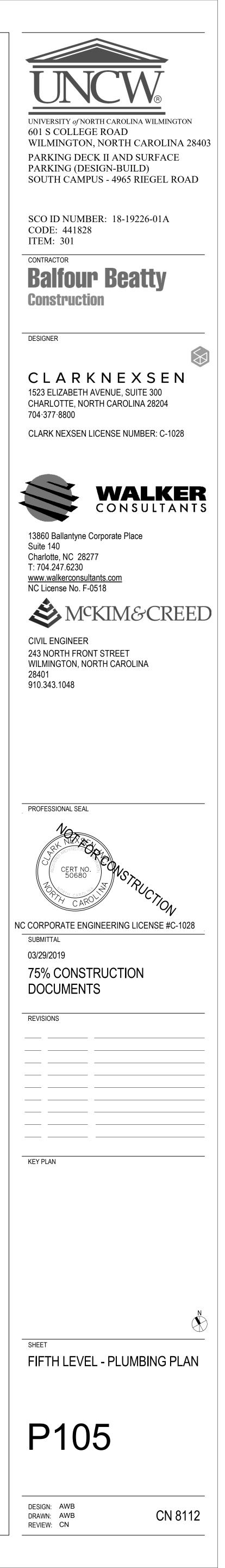


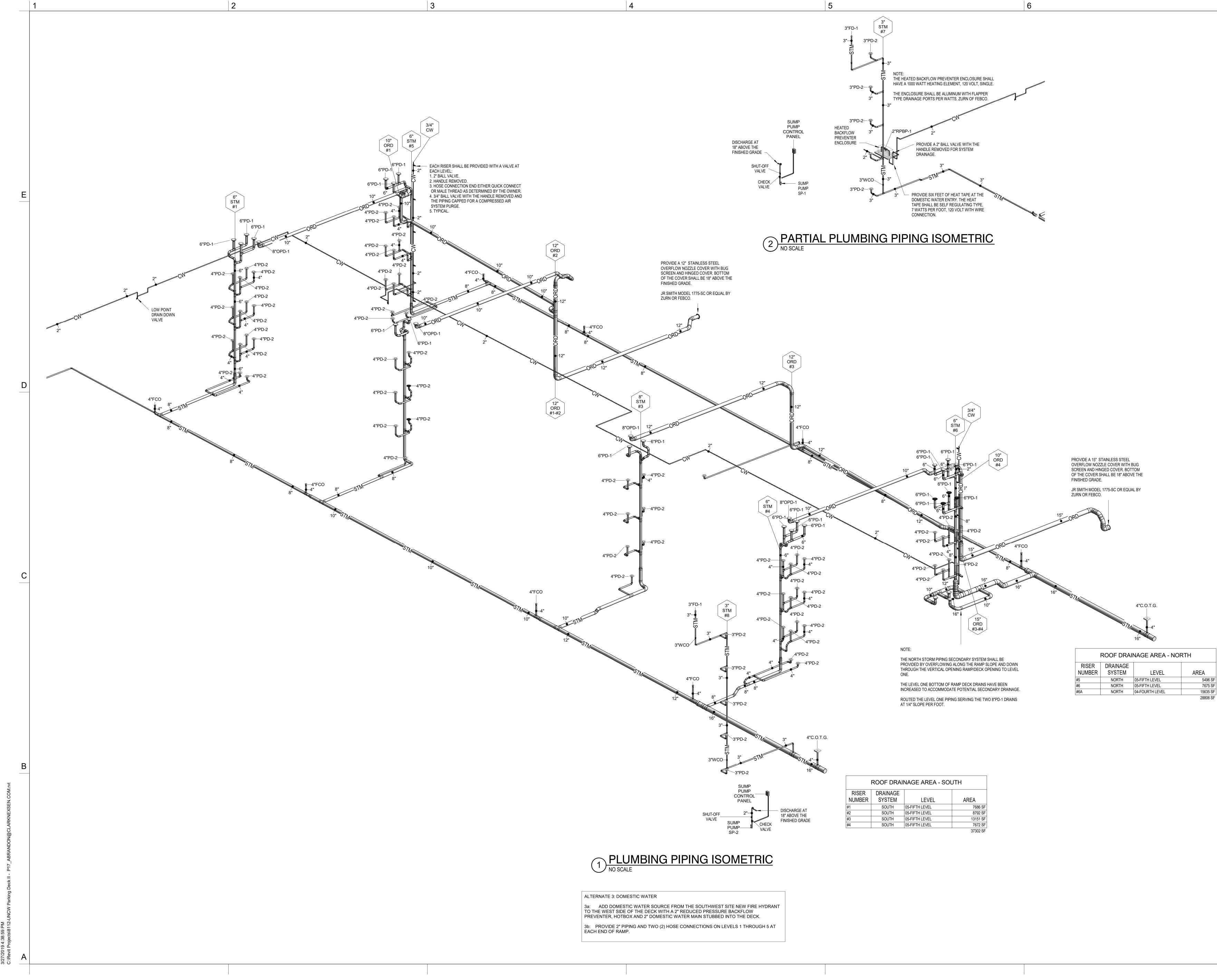
RISER	DRAINAGE		
NUMBER	SYSTEM	LEVEL	AREA
#5	NORTH	05-FIFTH LEVEL	5496 SF
#6	NORTH	05-FIFTH LEVEL	7675 SF
#6A	NORTH	04-FOURTH LEVEL	15635 SF
	La construction of the second s		28806 SF

ROOF DRAINAGE AREA - SOUTH				
RISER NUMBER	DRAINAGE SYSTEM	LEVEL	AREA	
<b>#1</b>	SOUTH	05-FIFTH LEVEL	7686 SF	
<b>#</b> 2	SOUTH	05-FIFTH LEVEL	8792 SF	
#3	SOUTH	05-FIFTH LEVEL	13151 SF	
<del>4</del> 4	SOUTH	05-FIFTH LEVEL	7672 SF	

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	4"C.O.T.G.	
STR	4"	

<b>ROOF DRAINAGE AREA - SOUTH</b>			
RISER NUMBER	DRAINAGE SYSTEM	LEVEL	AREA
#1	SOUTH	05-FIFTH LEVEL	7686 SF
#2	SOUTH	05-FIFTH LEVEL	8792 SF
#3	SOUTH	05-FIFTH LEVEL	13151 SF
#4	SOUTH	05-FIFTH LEVEL	7672 SF
			37302 SF

