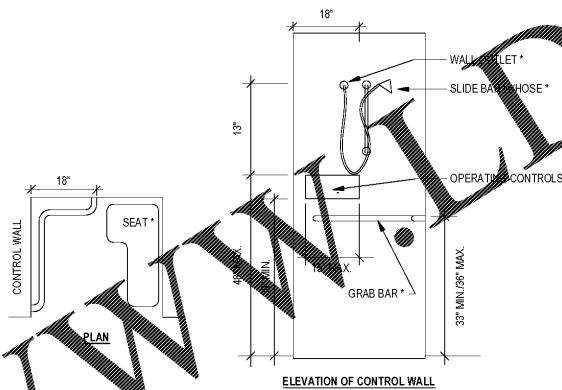
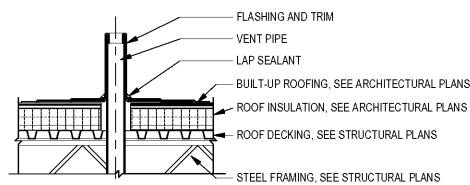


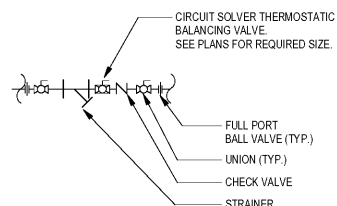
1 TYPICAL HOT AND COLD WATER CONNECTIONS
SCALE: NONE



2 ADA TRANSFER SHOWER DETAIL
SCALE: NONE



3 TYPICAL VENT THRU ROOF DETAIL
SCALE: NONE



4 TYPICAL HWR BALANCING VALVE DETAIL
SCALE: NONE

PLUMBING LEGEND	
— RDL —	ROOF DRAIN LEADER PIPING
— ORDL —	OVERFLOW ROOF DRAIN LEADER PIPING
— W —	SANITARY WASTE PIPING
— EX. W —	EXISTING SANITARY WASTE PIPING
— O/S —	OIL/SAND WASTE PIPING
— V —	VENT PIPING
— CW —	DOMESTIC COLD WATER PIPING
— EX. CW —	EXISTING DOMESTIC COLD WATER PIPING
— HW —	DOMESTIC HOT WATER PIPING
— EX. HW —	EXISTING DOMESTIC HOT WATER PIPING
---	EXISTING PIPING TO BE REMOVED
— [Symbol] —	CHECK VALVE OR AS NOTED
— [Symbol] —	BALL VALVE (TYPES 3 AND SMALLER)
— [Symbol] —	GATE VALVE (TYPES 4 AND LARGER)
— [Symbol] —	STRAINER
— [Symbol] —	SHOCK ABSORBER (LETTER DENOTES SIZE)
— [Symbol] —	DOOR OR WINDOW CLEANOUT
— [Symbol] —	WALL CLEANOUT WITH COVER
— [Symbol] —	IN-LINE CLEANOUT
— [Symbol] —	INDICATES 1 HOUR RATED PARTITION
— [Symbol] —	INDICATES NON-RATED WALL TO DECK.

PLUMBING ABBREVIATIONS	
AFH	ANTI-FREEZE HYDRANT
CO	CLEANOUT - IN-LINE
EW	ELECTRIC WATER HEATER
FCO	FLOOR CLEANOUT
FD	FLOOR DRAIN
FS	FLOOR SINK
GCO	GRADE CLEANOUT
GWH	GAS WATER HEATER
HB	HOSE BIBB
HP	HIGH PRESSURE PIPE
(HP-X'Y')	MINIMUM PIPE INVERT ELEVATION
ORD	OVERFLOW ROOF DRAIN
RD	ROOF DRAIN
UON	UNLESS OTHERWISE NOTED
V	VENT
VS	VENT STACK
VTR	VENT THRU ROOF
WCO	WALL CLEANOUT
WS	WASTE STACK

NOTE: SEE EQUIPMENT SCHEDULES FOR SPECIFICATIONS

- GENERAL RENOVATION NOTES**
- CONTRACTOR SHALL CONFIRM EXACT LOCATION OF ALL EXISTING PLUMBING SYSTEM(S) PIPING TO REMAIN.
 - CONTRACTOR SHALL DIGITALLY DOCUMENT ALL EXISTING UNDERGROUND WASTE PIPE ROUTING AND CONDITION.
 - CONFIRM ALL EXISTING INVERTS ON THE WASTE MAIN WILL ACCEPT ALL NEW PIPING BY GRAVITY.
 - PRESSURE TEST ALL EXISTING UNDERGROUND WASTE PIPING IS CAPABLE OF BEING RETURNED TO PROPER WORKING ORDER.
 - THE PLUMBING CONTRACTOR SHALL MAKE ANY NECESSARY ADJUSTMENTS OF CHANGED TO AVOID OBSTRUCTIONS.
 - THE CONTRACTOR SHALL CONSULT ALL ARCHITECTURAL, CIVIL AND ALL OTHER TRADES DRAWINGS AND SPECIFICATIONS TO DETERMINE THE EXACT SCOPE OF PLUMBING WORK.
 - ALL PIPING SHALL BE RUN IN CONCEALED LOCATIONS UNLESS SPECIFICALLY NOTED OTHERWISE ON PLANS.
 - MINIMUM DRAIN PIPE SLOPES SHALL BE AS FOLLOWS, UNLESS SPECIFICALLY NOTED OTHERWISE ON PLANS.
UP TO 2.5" 1/4" PER FOOT
3" TO 6" PIPE 1/8" PER FOOT
 - COORDINATE ALL CUTTING AND PATCHING OF CONCRETE AND BLOCK WALL THAT WILL BE PERFORMED BY THE GENERAL CONTRACTOR.

SHOCK ABSORBER SCHEDULE			
P.D.I. SYMBOL	A	B	C
FIXTURE UNIT RATING	1-11	12-32	33-60
P.D.I. SYMBOL	D	E	F
FIXTURE UNIT RATING	61-113	114-154	155-330

GENERAL NOTES:

- THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING PIPING LOCATIONS, INVERTS, SIZES, AND CONDITIONS.
- ANY "EXISTING" ABOVEGROUND PLUMBING PIPING THAT WILL REMAIN AND BE RE-USED SHALL BE TESTED AND VERIFIED THE SYSTEM IS IN WORKING ORDER.
- ALL EXISTING UNDERGROUND "PLUMBING" SYSTEMS SHALL DIGITALLY DOCUMENTED WITH CAMERA & PRESSURE TESTED TO CONFIRM EXISTING PIPING IS IN ACCEPTABLE WORKING CONDITION.
- THE CONTRACTOR SHALL COORDINATE ALL SLAB CUTTING AND PATCHING OF CONCRETE SLAB, CORE DRILLING, & WALL RENOVATION.
- REFER TO ARCHITECTURAL PLANS FOR EXISTING, DEMOLITION, AND NEW WALL DESIGNATIONS.
- THE CONTRACTOR SHALL FIELD VERIFY THAT THE EXISTING SANITARY WASTE MAIN WILL ACCEPT THE NEW PIPING BY GRAVITY PRIOR TO INSTALLATION.

PLUMBING LOAD SUMMARY (SEE ARCHITECTURAL PLANS FOR MINIMUM FACILITIES CALCULATIONS.)				
PLUMBING SYSTEM(S)		LOAD (TOTAL)	AVAILABLE (FUTURE)	MAIN SIZE
SANITARY SEWER		54.00 DFU	106.00 DFU	4" WASTE
DOMESTIC WATER		121.90 WFU	--	2" WATER
	GPM DEMAND	73	--	

PLUMBING LOAD SUMMARY BASED ON PREDOMINANTLY FLUSH VALVES



ARCHITECTURE
LANDSCAPE ARCHITECTURE
PLANNING
INTERIOR DESIGN

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2615 FITZGERALD DR
RALEIGH, NC 27610



222 W. HARGETT ST - 6TH FLOOR
RALEIGH, NC

PLUMBING LEAD SHEET

REVISIONS		
NUMBER	DESCRIPTION	DATE

DRAWN BY **RIA** **P-000**
CHECKED BY **MAS**
DATE ISSUED **8/13/18** OF

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