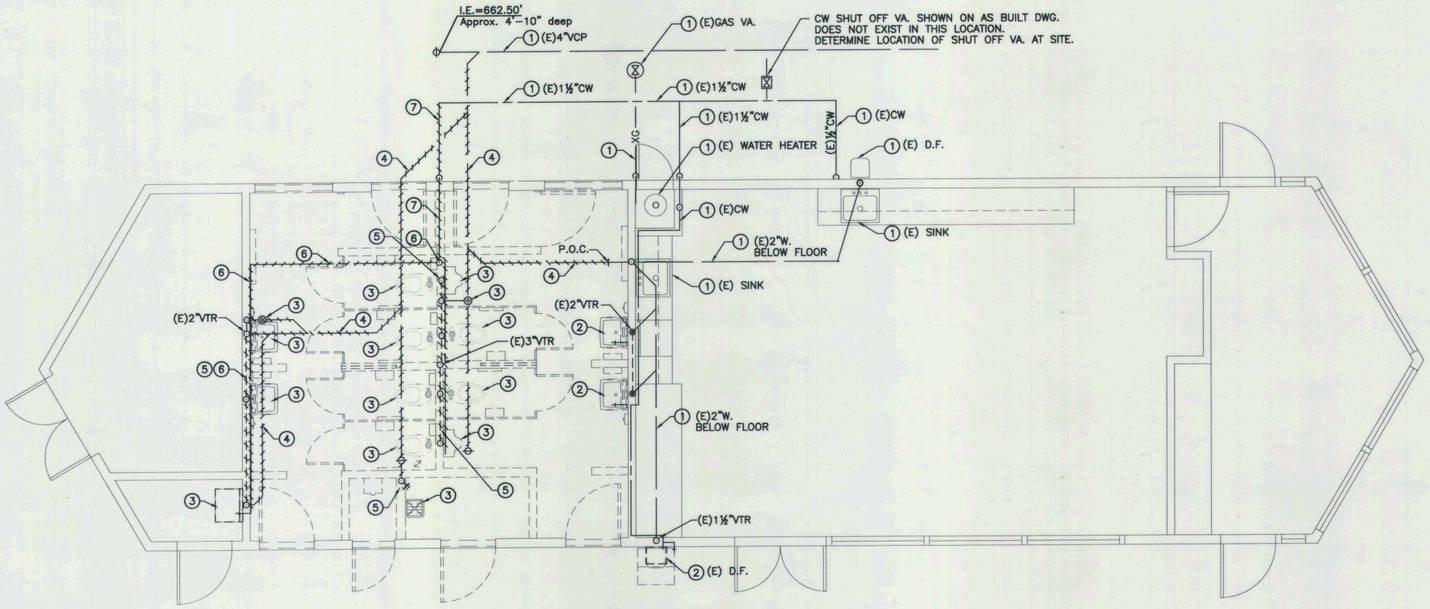
SUBMITTED	DATE	APPROVED	DATE
		CITY ENGINEER	



DEMOLITION NOTES:

1. N.I.C. EXISTING TO REMAIN. PROTECT IN PLACE.
2. REMOVE EXISTING PLUMBING FIXTURE. PLUG FIXTURE DRAIN IN WALL ABOVE FLOOR. CAP WATER SUPPLY IN WALL.
3. REMOVE EXISTING PLUMBING FIXTURE. REMOVE WATER SUPPLIES. REMOVE WASTE DRAIN REMOVE ALL PIPING AND HARDWARE.
4. REMOVE EXISTING WASTE PIPING FROM BELOW FLOOR/GRADE
5. REMOVE ALL EXISTING PIPING AND HARDWARE FROM WITHIN WALL BEING DEMOLISHED.
6. REMOVE EXISTING CW AND VENT PIPING FROM ABOVE CEILING.
7. REMOVE EXISTING CW FROM BELOW FLOOR/GRADE

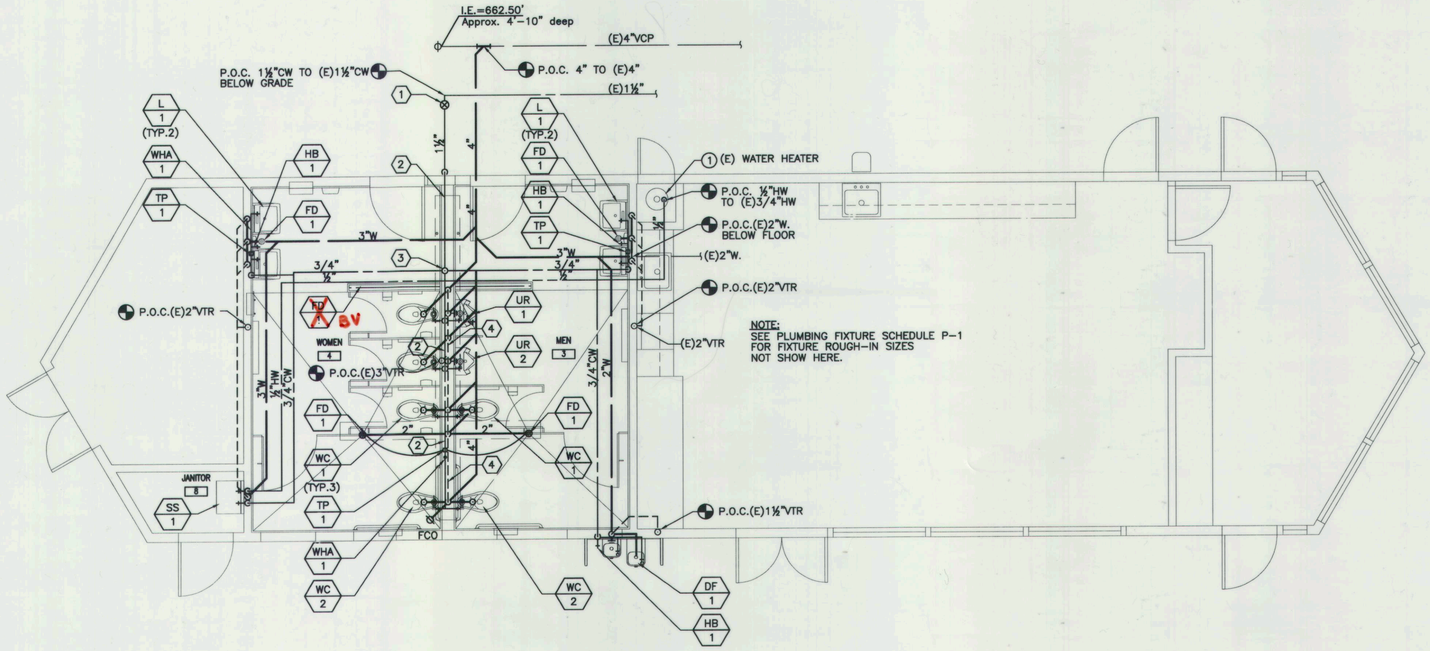
NORTH

DEMOLITION PLUMBING PLAN

SCALE: 1/4"=1'-0" | 2

PLUMBING FIXTURES		FIXTURE UNIT TABULATION			
FIXTURES	QTY.	DFU EACH	DFU TOTAL	WSFU EACH	WSFU TOTAL
WATER CLOSET	6	4	24	5	60
URINAL	2	2	4	4	8
LAVATORY	4	1	4	1	4
DRINKING FOUNTAIN	1	1	1	1	1
HOSE BIBBS	2	–	–	2.5	3.5
SERVICE SINK	1	3	3	3	3
FLOOR DRAIN	2	–	–	–	–
EXISTING SINK	2	2	4	2	4
EXISTING DRINK. FOUNT.	1	1	1	1	1
TOTAL FIXTURE UNITS:		DFU	41	WSFU	84.5

PRESSURE AVAILABLE: 55 PSI
PRESSURE LOSSES:
STATIC: 5' X .433 2 PSI
RESIDUAL: (WATER CLOSET) 25 PSI
TOTAL LOSSES 27 PSI
55–27 = 28 PSI
PIPE LENGTH: 50' + 30% (FTGS.) = 65'
28 PSI ÷ 65' X 100 = 43 PSI / 100'



CONSTRUCTION NOTES:

1. 1½"CW SHUT OFF IN CONC. VA. BOX WITH C.I. COVER LABELED "WATER"
2. RUN FULL SIZE 1½"CW HEADER IN WALL TO SUPPLY FIXTURES.
3. 1½"CW UP IN WALL TO ABOVE CEILING.
4. 2"VENT RUN HORIZONTAL ABOVE FIXTURES CONNECT TO EXISTING 3" VTR.

NORTH

CONSTRUCTION PLUMBING PLAN

SCALE: 1/4"=1'-0" | 1

inc.
ALEXANDER + HIBBS. AIA. INC.
Architecture and Planning
1200 N. JEFFERSON ST. SUITE A
ANAHEIM, CALIFORNIA 92807
(714) 630-3686

LICENSED ARCHITECT ALLEN L. HIBBS NO. C10511 REN. 7/31/2013 STATE OF CALIFORNIA

REGISTERED PROFESSIONAL ENGINEER RYAN KAY CRANSTON, PE No. 14,001 Exp. 12/31/13 MECHANICAL STATE OF CALIFORNIA

IDS
IDS GROUP, INC.
INTEGRATED DESIGN SERVICES ENGINEERS AND ARCHITECTS
1 PETERS CANYON ROAD, SUITE 130
IRVINE, CA. 92606
TEL: 949-387-8500, FAX: 949-387-0800

BENCH MARK:
NO. _____ ELEV. _____
DATE ADJ. _____ QUAD. _____
SEE TOPOGRAPHIC SURVEY MAP
ROBERT RYAN PARK
PREPARED BY
MCGEE SURVEYING CONSULTING
805.964.3520

REVISIONS			
NO.	DESCRIPTION	APP.	DATE

CITY OF RANCHO PALOS VERDES

RYAN PARK RESTROOMS IMPROVEMENT AND ACCESSIBILITY COMPLIANCE

EXISTING DEMO AND NEW PLUMBING FLOOR PLAN

DRAWN BY :	JS
DESIGNED BY :	JS
CHECKED BY :	SA/RC

SHT. 19 OF 20 SHTS

PLAN NO. P-2