



12" FUSED HDPE PIPE
(ABOVE GROUND)

APPROX. 4,400 LF TOTAL

KEYNOTES:

1. CONNECT TO NEW 12" DIP LINE (GMP-1 DESIGN)
2. SAMPLE PORT/HOSE BIBB (2 LOCATIONS)
3. FLOWMETER (RATE AND TOTALIZER)
4. WASTE TO BASIN VIA EXISTING DISCHARGE LINE
5. 12" WATER BRIDGE
6. SHALLOW BURY TEMPORARY LINE BENEATH STREET. DURING TEMPORARY USE, MILL AND FLUSH TRAFFIC PLATE OR INSTALL TEMPORARY ASPHALT PATCH. REPLACE ASPHALT IN-KIND AFTER REMOVAL OF TEMPORARY PIPING.
7. ROUTE ABOVE GRADE WATERLINE AROUND OUTSIDE OF WIRE MESH FENCING.
8. CROSS UNDERNEATH STREET IN EXISTING DRAINAGE PIPE. (EXISTING PIPE ID = 18")
9. LOOP TEMPORARY PIPING UP AND OVER 10' TALL CMU PERIMETER WALL. LOOP TO BE CUSHIONED FROM WALL WITH FOAM OR RUBBER PROTECTIVE LAYER.
10. ROUTE TEMPORARY THROUGH CHAIN LINK MAN-GATE. GATE TO REMAIN CLOSED AND PIPE WILL PASS THROUGH CLOSED GATE FRAME WITH FABRIC PULLED UP JUST ENOUGH TO LET PIPE THROUGH.
11. DISCHARGE INTO RECLAIMED WATER WET-WELL. INSTALL ISOLATION VALVE JUST BEFORE DISCHARGE POINT.
12. 20' LONG WATER BRIDGE. PAVED ROADWAY IS 23" WIDE WITH RAISED CURB ON EAST SIDE OF ROAD.

GENERAL NOTES:

1. ~~FOR ALL COMMUNICATIONS, REFER TO THE PROJECT MANUAL.~~
2. ~~FOR ALL SURFING, THE WATER DISCHARGE OPERATION, THE WATER SHALL BE DISCHARGED TO THE BASIN.~~
3. WATER TO COME FROM WELL-30 (APN-304-57-892)
4. HIGH PRESSURE PROTECTION SWITCH TO BE INSTALLED ON TEMPORARY WELL-PUMP. THIS FEATURE WILL BE TESTED PRIOR TO BEGINNING THE DISCHARGE PROCESS.
5. PRIOR TO SENDING WATER TO GREENFIELD PLANT, SHORT INITIAL FLUSH WILL BE DISCHARGED AT BASIN (SEE KEYNOTE 1).
6. AIR RELEASE VALVES TO BE INSTALLED AS NEEDED AT ANY HIGH POINTS IN TEMPORARY LINE.
7. A CHECK VALVE WILL BE INSTALLED NEAR THE PUMP.

**Flush Well 30 to
GWRP Water
Movement Plan
Exhibit
Allowance 2**

REV	DATE	DESCRIPTION	BY
1	3/8	For Reference Only	LM
2	3/15	For Reference Only - Removed Waste To Farm-Field Outlets	LM
3	11/9	For Reference Only - Revised per 11/8 walk with Town of Gilbert and City of Mesa	LM
4	11/10	For Reference Only - Routed around GYSA overflow parking lot	LM

VERIFY SCALES
BAR IS ONE INCH ON ORIGINAL DRAWING

IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

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DESIGNED BY:	WA062 (5403109)
DRAWN BY:	GILBERT RESERVOIR & PUMPSTATION PROJECT
CHECKED BY:	PRECONSTRUCTION - WELLSITE #30 TESTING WATER MOVEMENT - OVERALL LAYOUT
DWG NO:	PCL - GILBERT RES - WELL 30 WATER MOVEMENT 001
SCALE:	NTS
DATE:	11/10/2017
REV:	3
SHEET:	