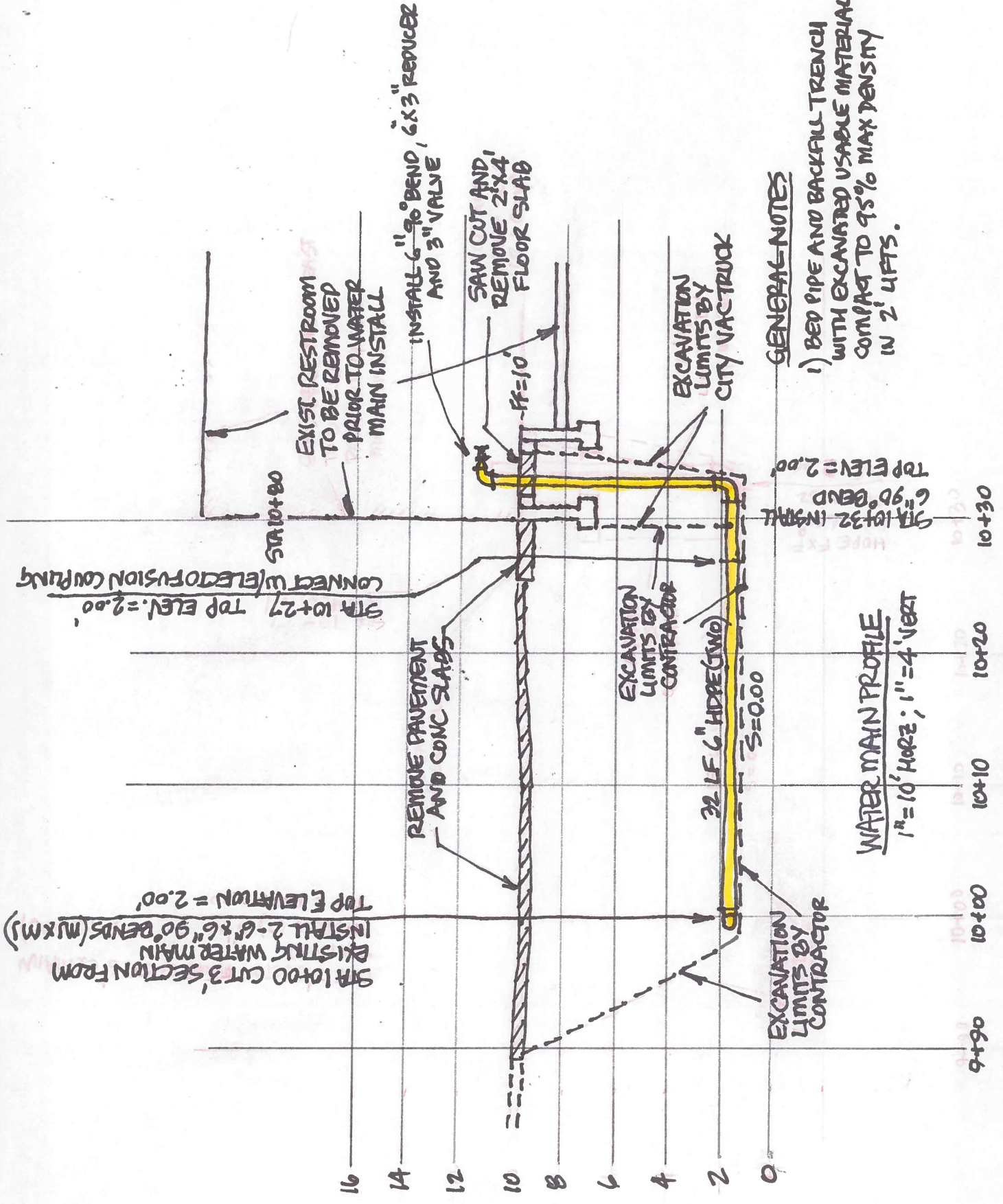


1 inch = 20 feet



GENERAL NOTES

- 1) BED PIPE AND BACKFILL TRENCH WITH EXCAVATED USABLE MATERIAL. COMPACT TO 95% MAX DENSITY IN 2' LIFTS.

WATER MAIN PROFILE
 1" = 10' HORIZ; 1" = 4' VERT

STA 10+00 CUT 3' SECTION FROM EXISTING WATER MAIN
 INSTALL 2-6" x 6" 90° BENDS (M & M'S)
 TOP ELEVATION = 2.00'

STA 10+27 TOP ELEV. = 2.00'
 CONNECT W/ ELECTROFUSION COUPLING

STA 10+32 INSTALL 6" 90° BEND
 TOP ELEV. = 2.00'

EXIST RESTROOM TO BE REMOVED PRIOR TO WATER MAIN INSTALL

INSTALL 6" 90° BEND, 6" x 3" REDUCER AND 3" VALVE

SAW CUT AND REMOVE 2' x 4' FLOOR SLAB

ff=10'

EXCAVATION LIMITS BY CITY VAC TRUCK

EXCAVATION LIMITS BY CONTRACTOR

EXCAVATION LIMITS BY CONTRACTOR

REMOVE PAVEMENT AND CONC SLABS

32 LF 6" HDPE (DWO)

S=0.00

9+90 10+00 10+10 10+20 10+30

Cost Estimate - Relocation of backflow prevention - Ramp 2

	Unit	Unit Price	Quantity	Price
Mob/Demob	LS	4500	1	\$4,500
Pvaement Removal	SF	4	800	\$3,200
Excavation/Backfill	LF	85	30	\$2,550
Cut Pipe/Install fittings and valves	LS	4500	1	\$4,500
Install 6" water service main	LF	65	40	\$2,600
Sawcut Restroom Floor Slab	LS	2500	1	\$2,500
Replace AC Pavement	SF	800	6	\$4,800

Total Construction				\$24,650
Design (10%)				\$2,465
Inspection (4%)				\$986
Contingency (10%)				\$2,810

City Crew - Abandon MH/Relocate Backflow Devices				\$5,000
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Total Project				\$35,911
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