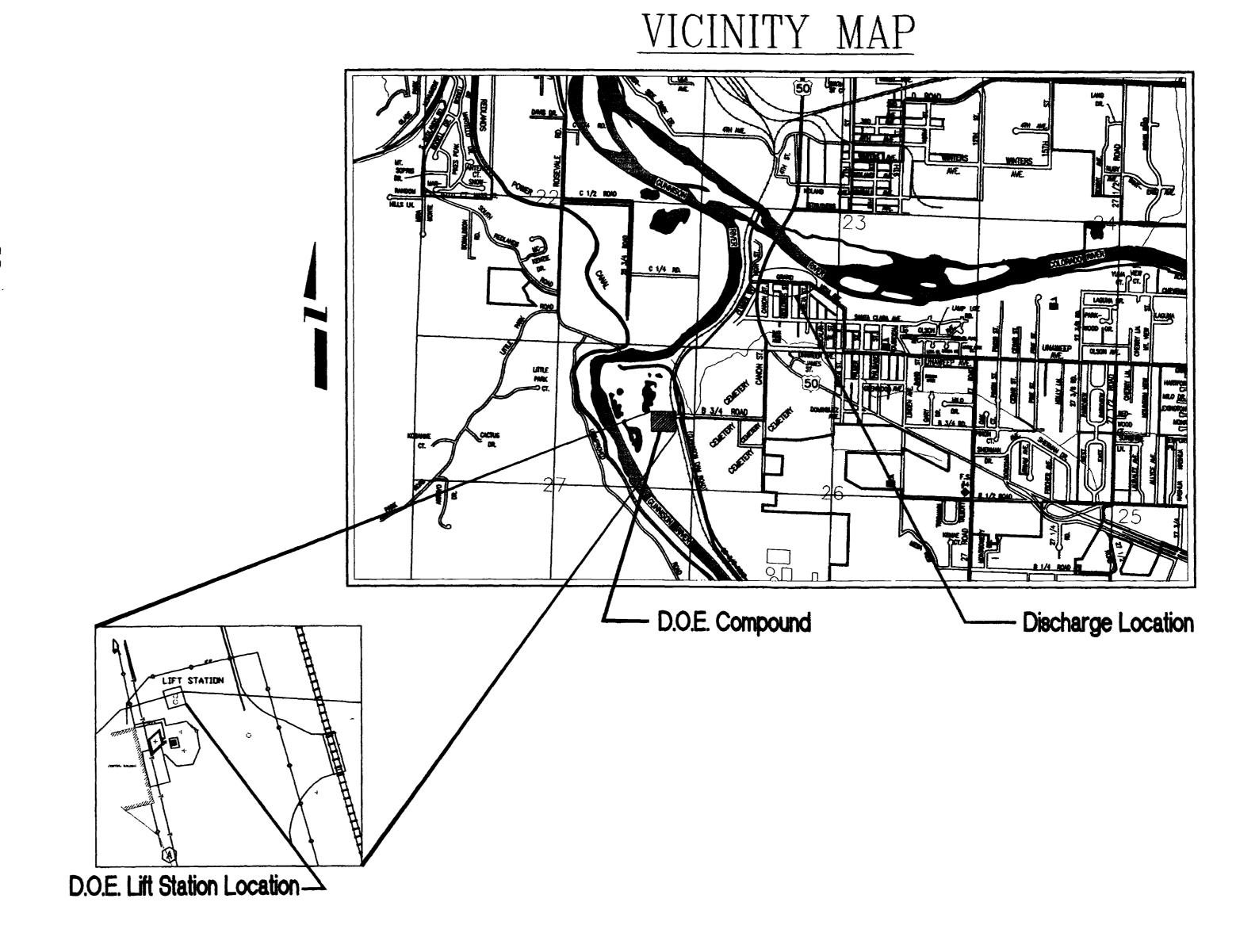
D.O.E. LIFT STATION REPLACEMENT D.O.E. COMPOUND

- 1. Cover. Sheet
- 2. Drafting Standards & Abbreviations
- 3. Site Map
- 4. Demolition Plan
- 5. Proposed Lift Station



City of Grand Junction, Colorado Department of Public Works & Utilities Engineering Division

GRAND JUNCTION DRAFTING STANDARDS AND ABBREVIATIONS

PROPERTY OR TRACT LINE		LAYER	LINE TYPE	BLOCK	SPACING
PROPERTY OR TRACT LINE				BEOOK	SPACING
THE THE LINE		PROP	ROW	<u>-</u>	-
RAILROAD	+++++++++++++++++++++++++++++++++++++++	EXIST/NEW	CONTINUOUS	RAIL	4
EDGE OF PAVEMENT		EXIST/ASPH	DASHED	-	-
RIGHT OF WAY		ROW	ROW	-	-
BARBED WIRE FENCE		EXIST/NEW	CONTINUOUS	BARB	15
CHAIN LINK FENCE	 ->>	EXIST/NEW	CONTINUOUS	CHAIN	15
BARRIER TYPE FENCE		EXIST/NEW	CONTINUOUS	BARRIER	15
WOVEN WIRE FENCE		EXIST/NEW	CONTINUOUS	WOVEN	15
WOOD FENCE		EXIST/NEW	CONTINUOUS	WOOD	15
EXISTING GUARD RAIL	 	EXIST	CONTINUOUS	GUARD	5
NEW GUARD RAIL		NEW	CONTINUOUS	NEWGUARD	5
RETAINING WALL		EXIST	CONTINUOUS	RETAIN	6
SIDEWALK	4' S.W.	EXIST/CONC	CONTINUOUS	-	-
CURB & GUTTER	2' CURB & GUTTER	EXIST/CONC	CONTINUOUS	-	-
CURB, GUTTER & SIDEWALK	6' C.G. & SW.	EXIST/CONC	CONTINUOUS	-	-
BURIED TELEPHONE CABLE		UTIL	CONTINUOUS	-	-
BURIED ELECTRIC CABLE	- E	UTIL	CONTINUOUS	-	-
GAS LINE	G	UTIL	CONTINUOUS	-	-
WATER LINE		UTIL/WATER	CONTINUOUS	-	-
SANITARY SEWERS	8" SAN.	UTIL/SEWER	CONTINUOUS	AROW	-
STORM SEWERS	8" STORM	UTIL/STORM	CONTINUOUS	AROW	-
UNDERGROUND IRRIG. PIPE	IRRIG.	UTIL/NEW	CONTINUOUS	AROW	-
SIPHON PIPE		UTIL/NEW	CONTINUOUS	AROW	-
EARTH DITCH		EXIST/NEW	DIVIDE	-	-
CONCRETE DITCH		EXIST/CONC	CONTINUOUS	-	-
CULVERT	6" R.C.P.	EXIST/NEW	DASHED	-	-
CULVERT WITH HEADWALL	⊨====================================	EXIST/NEW	DASHED	-	-
CULVERT WITH END SECTION	>====================================	EXIST/NEW	DASHED	-	-
MONUMENT LINE	MONUMENT LINE	0	CONTINUOUS	-	-
CONTROL LINE	1+00 2+00	0	CONTINUOUS	-	100
MATCH LINE MATCH LIN	IE \SHEET NO.	0	CONTINUOUS	-	_
	STYLE DESCRIPTIONS =ROMANS, HEIGHT=2.0, WIDTH FACTOR=1.0	SHOWN ON EXSEWER, E	IOWN IN THE A SEPERATE EXTELE, AND S L BE SHOWN	LAYER SUCH SO ON ALL C	AS EXWATE THER EXIST

HEADINGS - FONT=ROMANS, HEIGHT=3.0, WIDTH FACTOR=1.0 OBLIQUE ANGLE=0° - FONT=COMPLEX, HEIGHT=4.0, WIDTH FACTOR=1.2 OBLIQUE ANGLE=0° - FONT=ROMANS, HEIGHT=2.0, WIDTH FACTOR=1.0 OBLIQUE ANGLE=20°

Ni\cadd\city-std\detalls\stnd2234.dwg 05/03/00 12:42:21 PM MDT DESCRIPTION

REVISION 🗘.

REVISION 🛆 REVISION 🕸

REVISION 🕰 .

ENTITY DESCRIPTION

	<u> </u>	
_	SCALE: 1"=:	20'
	DRAWN BY KADEL DATE 7/28/92	SCALE
	DESIGNED BY DATE	<u>PLAN</u> PROFI
	CHECKED BY KADEL DATE 7/28/92	HORIZ. 1"=20' HORIZ 1"=20
. 1	APPROVED BY T.A.B. DATE 7/28/92	VFRT 1"=5'

		LIST OF	ABBREVIATIONS
AASHTO AC ASTM	AMERICAN ASSOCIATION OF STATE HIGHWAY & TRANSPORTATION OFFICIALS ASBESTOS CEMENT AMERICAN SOCIETY FOR TESTING MATERIALS	FB FL FTG FS	FULL BODY FLANGE FOOTING FAR SIDE
AWWA BC	AMERICAN WATER WORKS ASSOCIATION BACK OF CURB	¶ FC FG	FLOW LINE FACE OF CURB FINISHED GRADE
BF BOW BCR	BUTTERFLY BACK OF WALK BEGIN CURB RETURN	GV	GATE VALVE
BOT	BOTTOM	IRRIG	IRRIGATION
CH CAP CDOT CI CL or CI CONC CMP CSP CG & SW CU CL CS	CHORD CORRUGATED ALUMINUM PIPE COLORADO DEPARTMENT OF TRANSPORTATION CAST IRON CENTER LINE CLEAR CONCRETE CORRUGATED METAL PIPE CORRUGATED STEEL PIPE CURB, GUTTER & SIDEWALK COPPER LONG CHORD SHORT CHORD	L LT LF LL LS MH MJ MW N/A NS NIC NRCP	LENGTH OF ARC LEFT LINEAR FEET LONG ARC SHORT ARC MANHOLE MECHANICAL JOINT MILL WRAP NOT APPLICABLE NEAR SIDE NOT IN CONTRACT NON-REINFORCED CONCRETE PIPE
DI DR	DUCTILE IRON DRIVEWAY	NOP NTS	NO ONE PERSON NOT TO SCALE
ELEC EL or ELEV	ELECTRIC ELEVATION		

ENTITY CHARACTERISTICS

END CURB RETURN

EDGE OF PAVEMENT

EXISTING

EP

ENTITY	LAYER	COLOR	TEXT STYLE	LINE TYPE
DIMENSION LINES	0	WHITE	-	CONTINUOUS
TEXT	TEXT	YELLOW	TEXT	-
SHEET TITLE	TITLE	CYAN	TITLE	-
STREET NAMES	TITLE	CYAN	TITLE	-
SUBTITLES	TITLE	CYAN	HEADINGS	-
AS BUILT INFO.	ASBLT	RED	ASBLT	-
ROW LINES	ROW	RED	-	PHANTOM
EXISTING TOPO	EXIST	251	-	CONTINUOUS
NEW CONCRETE	CONC	GREEN	-	CONTINUOUS
NEW ASPHALT	ASPH	YELLOW	-	DASHED
PROPERTY LINES	PROP	BLUE	-	PHANTOM
SHADING	HATCH	WHITE	-	HATCH
EXISTING PROFILE	EXPRO	WHITE	-	DASHED
NEW PROFILE	PROFILE	GREEN	-	CONTINUOUS
SOLID GRID	GRID1	253	-	CONTINUOUS
DOTTED GRID	GRID2	7	-	L1
EXISTING UTILITY	AS SHOWN ON PROF1999 SHEET	251	-	CONTINUOUS
NEW SEWER	SEWER	15	-	CONTINUOUS
NEW STORM SEWER	STORM	9	-	CONTINUOUS
NEW WATER	WATER	9	_	CONTINUOUS
NEW MISC.	NEW	MAGENTA	-	CONTINUOUS
SHEET BORDER	BORDER	GREEN	~	PLINE (WIDTH=1)

STYLE=DOTS, SCALE=20 ROTATION=45'— BENCH MARK A DESCRIPTION, LOCATION, AND ELEVATION

STYLE=ANSI31, SCALE=20 ROTATION=0*

SHADING LEGEND INDICATES ASPHALT REMOVAL AND/OR REPLACEMENT INDICATES CONCRETE REMOVAL AND/OR REPLACEMENT

POINT OF CURVATURE

POLYVINYL CHLORIDE

RESTRAINED GLANDS

LENGTH OF TANGENT

VERTICAL POINT OF CURVATURE

VERTICAL POINT OF TANGENCY

VERTICAL POINT OF INTERSECTION

PEN SIZE

(PEN PLOTTERS)

0.50

0.35

0.70

0.50

0.25

0.50

0.25

0.25

0.70

0.70

0.70

TOP OF CURB

DELTA ANGLE

PLOTTING PARAMETERS

LINE WEIGHT

(INKJET PLOTTERS)

0.035

0.015

0.035

0.025

0.010

0.025

0.015

0.010

0.035

0.035

0.035

0.015

0.015

VERTICAL CURVE VITRIFIED CLAY PIPE

RADIUS POINT RAIL ROAD

RIGHT OF WAY LONG RADIUS SHORT RADIUS

REQUIRED

SCHEDULE SLOPE

STATION STEEL

PROPOSED

PR PRC PT PVC PCC

RP RR RCP REQ'D

RT ROW

STA STL

VC VCP VPC

VPI

COLOR NAME

RED

YELLOW

GREEN

CYAN

BLUE

MAGENTA

WHITE

16

251

253

POINT OF INTERSECTION

POINT OF REVERSE CURVATURE POINT OF TANGENCY

PORTLAND CEMENT CONCRETE

REINFORCED CONCRETE PIPE

VERTICAL CURVE DETAIL

LENGTH .OF: CURVE EXISTING :GROWND:7. FINISHED GRADE 4645 LENGTH OF CURVE 2+00 1+00

DEPARTMENT OF PUBLIC WORKS AND UTILITIES ENGINEERING AND TECHNICAL SERVICES DIVISIONS CITY OF GRAND JUNCTION, COLORADO

BLOCK NAME

BLOCKS

REDUCER

CURBSTOP

PULL

TRAFFIC SIGNAL POLE	ø	SIGNAL
SIGN OR POST	+	SIGN
TELEPHONE MANHOLE	@	TELEMAN
MANHOLE	0	MANHOLE
BENCH MARK	A	BENCH
SPRINKLER HEAD	8	HEAD
MAILBOX	0	MAILBOX
IRRIGATION PUMP	Þ	IRRPUMP
TREE STUMP	•	STUMP
LIGHT STANDARD	8	LITE
FIRE HYDRANT	ø	HYDRANT
EXISTING WATER VALVE	×	OVALVE
NEW WATER VALVE	H	VALVE
TELEPHONE CONTROL B	OX A	TELEBOX
POWER POLE	•	POWER
GUY WIRE ANCHOR	en.	GUY
TREE	®	TREE
HEDGE OR BUSH	O	BUSH
SURVEY MARKER	•	MCSM
WATER METER	0	WATERMETER
WATER HYDRANT	**	WATERHYDRANT
PROPERTY PIN	***	PIN
YARD LIGHT	*	YLITE
CATCH BASIN	₩	GRATE
ARROW HEAD	•	AROW
BARB WIRE FENCE SYM	BOL ×	BARB
CHAIN LINK FENCE SYM	BOL ♦	CHAIN
BARRIER FENCE SYMBO	L ///	BARRIER
WOVEN FENCE SYMBOL	"	WOVEN
WOOD FENCE SYMBOL	•	WOOD
EXISTING GUARD RAIL F	POST .	GUARD
NEW GUARD RAIL POST	•	NEWGUARD
RAILROAD TIE SYMBOL	1	RAIL
NORTH ARROW	see this sheet	NORTH

REDUCER FITTING

CURB STOP

PULL BOX

D.O.E. LIFT STATION REPLACEMENT D.O.E. COMPOUND STANDARDS AND ABBREVIATIONS

BAR SCALE

SEE THIS

SCALE

