CITY OF GRAND JUNCTION
2026 WATER MAIN IMPROVEMENTS
GRAND JUNCTION, COLORADO
BID SET

SEPTEMBER 2026

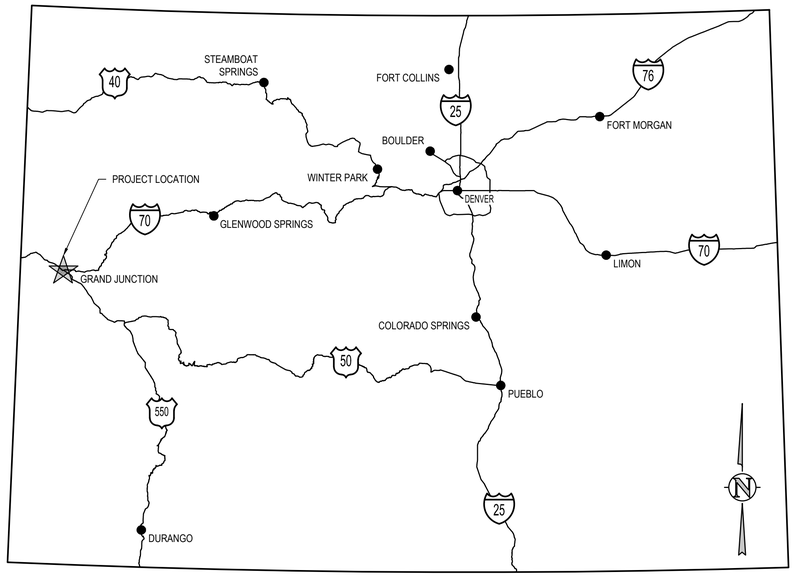
CONTACTS

OWNER:	CITY OF GRAND JUNCTION 244 N. 7TH STREET GRAND JUNCTION, CO 81505	ERIC SCHOENY, P.E. (970) 256-4185 ERIC.SCHOENY@GJCITY.ORG
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Glenwood Springs ● Denver

DRAWING INDEX

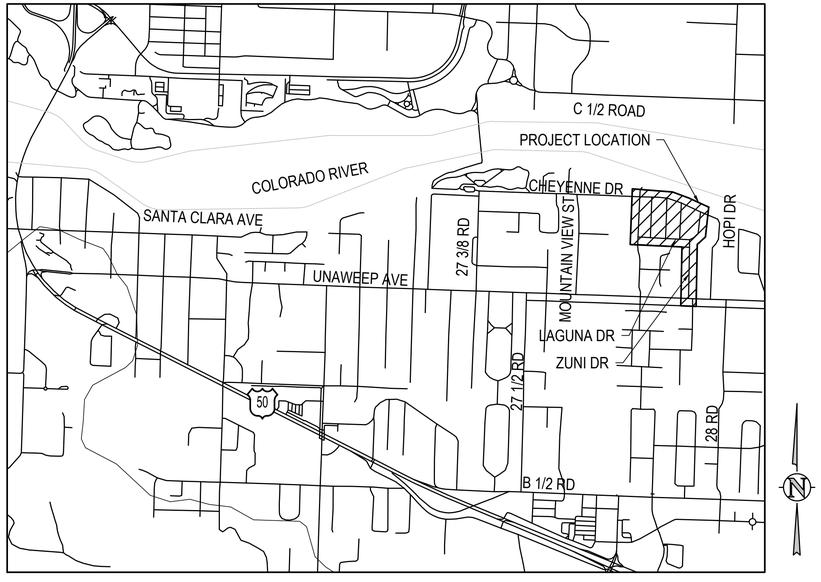
SHEET NO.	TITLE
G0.0	COVER SHEET
G0.1	LEGEND, NOTES & ABBREVIATIONS
C0.1	OVERALL KEY MAP
C1.0	LAGUNA DR TO ZUNI DR WATER LINE PLAN & PROFILE
C1.1	LAGUNA DR TO ZUNI DR WATER LINE PLAN & PROFILE
C1.2	LAGUNA DR TO ZUNI DR WATER LINE PLAN & PROFILE
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C4.0	SOUTH ZUNI DR WATER LINE PLAN & PROFILE
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VICINITY MAP
NTS

PREPARED UNDER THE SUPERVISION OF

JVA, Inc.



PROJECT LOCATION MAP
NTS

DESCRIPTION	DATE
REVISION 1	
REVISION 2	
REVISION 3	
REVISION 4	

DRAWN BY	SAA	DATE	SEP. 2026
DESIGNED BY	ZCF/AMF	DATE	SEP. 2026
CHECKED BY	JJM/AMR	DATE	SEP. 2026
APPROVED BY		DATE	

SCALES:
PLAN & PROFILE

CITY OF Grand Junction COLORADO

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CITY OF GRAND JUNCTION
2026 WATER MAIN IMPROVEMENTS
COVER SHEET

G0.0

N:\26\0094.ENV - Grand Junction 2026 Water Main Improvements\Drawings\26\0094.ENV-00-CVR.LNA-00.dwg, 9/11/2026 - 3:55 PM, SAA

ABBREVIATIONS

AASHTO	AMERICAN ASSOC. OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS
ABAN	ABANDON
AC	ASBESTOS CEMENT PIPE
ADDL	ADDITIONAL
ADDM	ADDENDUM
ADJ	ADJUSTABLE
AL	ALUMINUM
ALT	ALTERNATE
AMT	AMOUNT
APPROX	APPROXIMATE
ARCH	ARCHITECT(URAL)
ARV	AIR RELIEF VALVE
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS
ASPH	ASPHALT
ASSY	ASSEMBLY
ASYM	ASYMMETRICAL
AUTO	AUTOMATIC
AVG	AVERAGE
AWWA	AMERICAN WATER WORKS ASSOC.
BC	BACK OF CURB
BFV	BUTTERFLY VALVE
BG	FINISHED GRADE ADJACENT TO BOTTOM OF WALL
BLDG	BUILDING
BLK	BLOCK
BM	BENCH MARK
BMP	BEST MANAGEMENT PRACTICE
BS	BACKSIGHT
BOS	BOTTOM OF STEP
BOT	BOTTOM
BSMT	BASEMENT
BVCE	BEGIN VERTICAL CURVE ELEVATION
BVCS	BEGIN VERTICAL CURVE STATION
BW	BOTTOM OF WALL
CB	CATCH BASIN
CCW	COUNTER CLOCKWISE
CDOT	COLORADO DEPARTMENT OF TRANSPORTATION
CI	CAST IRON
CIPP	CURED IN PLACE PIPE
CJ	CONSTRUCTION JOINT
CL	CENTER LINE OR CHAIN LINK
CLR	CLEAR
CMP	CORRUGATED METAL PIPE
CMU	CONCRETE MASONRY UNIT
CO	CLEANOUT
CONC	CONCRETE
CONST	CONSTRUCTION
CONT	CONTINUOUS(ATION)
COR	CORNER
CR	CONCENTRIC REDUCER
CTR	CENTER
CY	CUBIC YARDS
DEMO	DEMOLITION
DET	DETAIL
DIA	DIAMETER
DIAG	DIAGONAL
DIP	DUCTILE IRON PIPE
DOM	DOMESTIC
DN	DOWN
DNF	DID NOT FIND
DR	DRAIN
DWG	DRAWING
DWL	DOWEL
E	EAST
EA	EACH
ECC	ECCENTRIC
EJ	EXPANSION JT
EL	ELEVATION
ELB	ELBOW
ELEC	ELECTRICAL
ENGR	ENGINEER
EOP	EDGE OF PAVEMENT
EQ	EQUAL
EQUIP	EQUIPMENT
EQUIV	EQUIVALENT
ESMT	EASEMENT
EST	ESTIMATE
EVCE	END VERTICAL CURVE ELEVATION
EVCS	END VERTICAL CURVE STATION
EW	EACH WAY
EXP JT	EXPANSION JOINT
EXIST	EXISTING
FND	FOUNDATION
FES	FLARED END SECTION
FF	FINISH FLOOR
FG	FINISH GRADE
FH	FIRE HYDRANT
FL	FLOW LINE
FM	FORCEMAIN
FN	FENCE
FOC	FACE OF CONCRETE
FPM	FEET PER MINUTE
FPS	FEET PER SECOND
FT	FEET
FTG	FOOTING OR FITTING
G	GAS
GA	GAUGE
GAL	GALLON
GALV	GALVANIZED
GB	GRADE BREAK
GCO	GRADE CLEANOUT
GIP	GALVANIZED IRON PIPE
GND	GROUND
GPD	GALLONS PER DAY
GPM	GALLONS PER MINUTE
GR	GRATE
GRTG	GRATING
GSP	GALVANIZED STEEL PIPE
GV	GATE VALVE
H	HIGH
HB	HOSE BIB
HE	HORIZONTAL ELLIPTICAL
HDWL	HEADWALL
HNDRL	HAND RAIL
HORIZ	HORIZONTAL
HP	HIGH POINT
HR	HOUR
HVAC	HEATING, VENTILATION, AIR CONDITIONING
HWY	HIGHWAY
HWL	HIGH WATER LINE
HYD	HYDRANT
INCL	INCLUDED
ID	INSIDE DIAMETER
IN	INLET
INSUL	INSULATION
INV	INVERT
IRR	IRRIGATION
JTS	JOINTS
KO	KNOCKOUT
KPL	KICK PLATE
KWY	KEYWAY
L	LEFT OR LITER
LSCAPE	LANDSCAPE(ING)
LF	LINEAR FOOT
LP	LOW POINT
LT	LIGHT
LWL	LOW WATER LEVEL
MAINT	MAINTENANCE
MAN	MANUAL
MATL	MATERIAL
MAX	MAXIMUM
ME	MATCH EXISTING
MECH	MECHANICAL
MEP	MECHANICAL, ELECTRICAL, PLUMBING (ARCH)
MFR	MANUFACTURER
MH	MANHOLE
MIN	MINIMUM
MISC	MISCELLANEOUS
MJ	MECHANICAL JOINT
N	NORTH
NA	NOT APPLICABLE
NIC	NOT IN CONTRACT
NPT	NATIONAL PIPE THREAD
NTS	NOT TO SCALE
OS	OFFSET
OC	ON CENTER
OD	OUTSIDE DIAMETER
OPP	OPPOSITE
OPT	OPTIONAL
PC	POINT OF CURVATURE
PCO	PRESSURE CLEAN OUT
PCR	POINT OF CURVE RETURN
PI	POINT OF INTERSECTION
PVI	POINT OF VERTICAL INTERSECTION
PL	PROPERTY LINE
PE	POLYETHYLENE
PREFAB	PREFABRICATED
PRELIM	PRELIMINARY
PREP	PREPARATION
PROP	PROPOSED
PRV	PRESSURE REDUCING VALVE OR PRESSURE RELIEF VALVE
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PT	POINT OF TANGENCY
PV	PLUG VALVE
PVC	POLYVINYL CHLORIDE OR POINT OF VERTICAL CURVATURE
PVMT	PAVEMENT
QTY	QUANTITY
R	RIGHT
RAD	RADIUS
RCP	REINFORCED CONCRETE PIPE
RD	ROOF DRAIN
RE	REFERENCE
RECT	RECTANGULAR
REINF	REINFORCE (D) (ING) (MENT)
REQD	REQUIRED
ROW	RIGHT OF WAY
SAN	SANITARY
SC	SAWCUT
SD	STORM DRAIN
SECT	SECTION
SPD	STANDARD PROCTOR DENSITY
SPEC	SPECIFICATION
SQ	SQUARE
SQ IN	SQUARE INCH
SQ FT	SQUARE FOOT
SQ YD	SQUARE YARD
SS	SANITARY SEWER
SST	STAINLESS STEEL
STA	STATION
STD	STANDARD
STL	STEEL
STRUCT	STRUCTURAL
SVC	SERVICE
SWMP	STORMWATER MANAGEMENT PLAN
SYM	SYMMETRICAL
TB	THRUST BLOCK
TBC	TOP BACK OF CURB
TBM	TEMPORARY BENCH MARK
TEMP	TEMPORARY
TG	FINISHED GRADE ADJACENT TO TOP OF WALL
THK	THICK
TOB	TOP OF BANK
TOC	TOP OF CONCRETE OR TOP OF CURB
TOS	TOP OF STEP
TOT	TOTAL
TW	TOP OF WALL OR CAP OF WALL
TYP	TYPICAL
UBC	UNIFORM BUILDING CODE
UGE	UNDERGROUND ELECTRIC
UTIL	UTILITY
VERT	VERTICAL
VC	POINT OF VERTICAL CURVATURE
VCP	VITRIFIED CLAY PIPE
W	WIDE OR WIDTH
W/	WITH
W/O	WITHOUT
WQCE	WATER QUALITY CONTROL ELEVATION
WL	WATER LINE
WSE	WATER SURFACE ELEVATION
WW	WASTEWATER
X SECT	CROSS SECTION
XFMR	ELECTRONIC TRANSFORMER
XING	CROSSING
YH	YARD HYDRANT

DESIGN LEGEND

TEE W/ THRUST BLOCK
BEND W/ THRUST BLOCK
END CAP W/ THRUST BLOCK
GATE VALVE
BUTTERFLY VALVE
REDUCER/INCREASER
WATER METER
FIRE HYDRANT
W — WATER LINE
LIMITS OF SAWCUT
LIMITS OF TRENCH
PROPERTY LINE
ADJACENT PROPERTY LINE/ROW
MATCHLINE

X — FENCE
FLOW LINE OF DITCH OR WASH
5.0% — SLOPE ARROW
5220 — EXIST INDEX CONTOUR
5221 — EXIST INTERMEDIATE CONTOUR
20 — PROPOSED INDEX CONTOUR
21 — PROPOSED INTERMEDIATE CONTOUR
CONCRETE PAVING
LANDSCAPING (NO HATCH)
ASPHALT PAVING
GRAVEL/ROAD BASE

Know what's **below.**
Call before you dig.

DETAIL TITLE

DETAIL TITLE
SCALE
1 — DETAIL NUMBER IDENTIFICATION
- — SHEET WHERE THE SECTION OR ELEVATION IS CUT OR CALLED OUT - INDICATES SAME DRAWING

1 — DETAIL NUMBER IDENTIFICATION
C1.0 — SHEET WHERE THE DETAIL IS DRAWN - INDICATES SAME DRAWING

XX — CITY OF GRAND JUNCTION STANDARD CONSTRUCTION BUBBLE

SECTION CALLOUT

A — SECTION NUMBER IDENTIFICATION
- — SHEET WHERE THE SECTION IS - INDICATES SAME DRAWING

DETAIL MARKER

REVISION CLOUD
1 — REVISION NUMBER

SURVEY LEGEND

W	WATER LINE		CONTROL POINT
SS >	SANITARY SEWER LINE	(m)	UTILITY LOCATED FROM MAP
FM	FORCEMAIN	(AM)	AS MEASURED AT TIME OF SURVEY
SD	STORM DRAINAGE LINE	(C)	CALCULATED FROM RECORD AND AS MEASURED INFORMATION
UE	UNDERGROUND ELECTRICAL LINE	(P)	PLAT
OE	OVERHEAD ELECTRICAL LINE	(R)	RECORDED
CSO	COMBINATION STORM SEWER LINE		EDGE OF ASPHALT
IRR	IRRIGATION LINE	MB	MAILBOX
E	ELECTRICAL PEDESTAL		CONCRETE
G	GAS LINE		ASPHALT
	HEDGE		GRAVEL
	BUILDING	X	FENCE
	FIRE HYDRANT		SIGN
	YARD HYDRANT		TREE (SIZE SHOWN ON PLANS)
SMH	SANITARY SEWER MANHOLE	LP	STREET LIGHT
SD	STORM DRAIN MANHOLE		STORM INLET
PP	POWER POLE	SD	STORM OUTLET
GUY	GUY WIRE		
WV	WATER VALVE		
IRR	IRRIGATION MANHOLE		
WM	WATER METER		

NOTE: SHADED ITEMS REPRESENT EXIST FEATURES

GENERAL NOTES

1. ALL MATERIALS AND WORKMANSHIP SHALL BE IN CONFORMANCE WITH THE LATEST STANDARDS AND SPECIFICATIONS OF THE CITY OF GRAND JUNCTION, COLORADO DEPARTMENT OF TRANSPORTATION, GRAND JUNCTION FIRE PROTECTION REQUIREMENTS, AND APPLICABLE STATE AND LOCAL STANDARDS AND SPECIFICATIONS. THE CONTRACTOR SHALL HAVE IN POSSESSION AT THE JOB SITE AT ALL TIMES ONE (1) SIGNED COPY OF APPROVED PLANS, STANDARDS AND SPECIFICATIONS. CONTRACTOR SHALL CONSTRUCT AND MAINTAIN EMERGENCY ACCESS ROUTES TO THE SITE AND STRUCTURE AT ALL TIMES PER THE APPLICABLE GRAND JUNCTION FIRE PROTECTION DISTRICT REQUIREMENTS. THE CONTRACTOR SHALL OBTAIN WRITTEN APPROVAL FOR ANY VARIANCE TO THE ABOVE DOCUMENTS. NOTIFY ENGINEER OF ANY CONFLICTING STANDARDS OR SPECIFICATIONS. IN THE EVENT OF ANY CONFLICTING STANDARD OR SPECIFICATION, THE MORE STRINGENT OR HIGHER QUALITY STANDARD, DETAIL OR SPECIFICATION SHALL APPLY.

2. THE CONTRACTOR SHALL OBTAIN, AT THEIR OWN EXPENSE, ALL APPLICABLE CODES, LICENSES, STANDARD SPECIFICATIONS, PERMITS, BONDS, ETC., WHICH ARE NECESSARY TO PERFORM THE PROPOSED WORK, INCLUDING, BUT NOT LIMITED TO A LOCAL AND STATE GROUNDWATER DISCHARGE AND COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT (CDPHE) STORMWATER DISCHARGE PERMIT ASSOCIATED WITH CONSTRUCTION ACTIVITY.

3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING THE REQUIRED PARTY OWNER AND ENGINEER AT LEAST 48 HOURS PRIOR TO START OF ANY CONSTRUCTION, PRIOR TO BACKFILLING, AND AS REQUIRED BY JURISDICTIONAL AUTHORITY AND/OR PROJECT SPECIFICATIONS. THE CONTRACTOR SHALL CONTINUE WITH NOTIFICATIONS THROUGHOUT THE PROJECT AS REQUIRED BY THE STANDARDS AND SPECIFICATIONS.

4. THE LOCATIONS OF EXISTING UTILITIES ARE SHOWN IN THE APPROXIMATE LOCATION BASED ON INFORMATION BY OTHERS. NOT ALL UTILITIES MAY BE SHOWN. THE CONTRACTOR SHALL DETERMINE THE EXACT SIZE, LOCATION AND TYPE OF ALL EXISTING UTILITIES WHETHER SHOWN OR NOT BEFORE COMMENCING WORK. THE ENGINEER AND/OR OWNER ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OR COMPLETENESS SHOWN ON PLANS. THE CONTRACTOR SHALL BE FULLY AND SOLELY RESPONSIBLE FOR ANY AND ALL DAMAGES AND COSTS WHICH MIGHT OCCUR BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UTILITIES. THE CONTRACTOR SHALL NOTIFY ALL PUBLIC AND PRIVATE UTILITY COMPANIES AND DETERMINE THE LOCATION OF ALL EXISTING UTILITIES PRIOR TO PROCEEDING WITH GRADING AND CONSTRUCTION. ALL WORK PERFORMED IN THE AREA OF UTILITIES SHALL BE PERFORMED AND INSPECTED ACCORDING TO THE REQUIREMENTS OF THE UTILITY OWNER. LIKEWISE, THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND MAPPING ANY EXISTING UTILITY (INCLUDING DEPTH) WHICH MAY CONFLICT WITH THE PROPOSED CONSTRUCTION, AND FOR RELOCATING ENCOUNTERED UTILITIES AS DIRECTED BY THE ENGINEER. CONTRACTOR SHALL CONTACT AND RECEIVE APPROVAL FROM UTILITY OWNER AND ENGINEER BEFORE RELOCATING ANY ENCOUNTERED UTILITIES. CONTRACTOR RESPONSIBLE FOR SERVICE CONNECTIONS, AND RELOCATING AND RECONNECTING AFFECTED UTILITIES AS COORDINATED WITH UTILITY OWNER AND/OR ENGINEER, INCLUDING NON-MUNICIPAL UTILITIES (TELEPHONE, GAS, CABLE, ETC., WHICH SHALL BE COORDINATED WITH THE UTILITY OWNER). THE CONTRACTOR SHALL IMMEDIATELY CONTACT ENGINEER UPON DISCOVERY OF A UTILITY DISCREPANCY OR CONFLICT. AT LEAST 48 HOURS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE UTILITY NOTIFICATION CENTER OF COLORADO (1-800-922-1987, WWW.UNCC.ORG). SEE SURVEY UTILITY LOCATION INFORMATION BELOW.

5. THE CONTRACTOR SHALL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS AT AND ADJACENT TO THE JOB SITE, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING THE PERFORMANCE OF THE WORK. THE CONTRACTOR SHALL PREPARE A TRAFFIC CONTROL PLAN FOR OWNER AND/OR CITY APPROVAL AND PROVIDE ALL LIGHTS, SIGNS, BARRICADES, FENCING, FLAGMEN OR OTHER DEVICES NECESSARY TO PROVIDE FOR PUBLIC SAFETY. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. THE CONTRACTOR AGREES TO COMPLY WITH THE PROVISIONS OF THE TRAFFIC CONTROL PLAN AND THE LATEST EDITION OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES," PART VI, FOR CONSTRUCTION SIGNAGE AND TRAFFIC CONTROL. ALL TEMPORARY AND PERMANENT TRAFFIC SIGNS SHALL COMPLY TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) WITH REGARD TO SIGN SHAPE, COLOR, SIZE, LETTERING, ETC. UNLESS OTHERWISE SPECIFIED. IF APPLICABLE, PART NUMBERS ON SIGNAGE DETAILS REFER TO MUTCD SIGN NUMBERS.

6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING ANY GROUNDWATER ENCOUNTERED DURING THE CONSTRUCTION OF ANY PORTION OF THIS PROJECT. GROUNDWATER SHALL BE PUMPED, PIPED, REMOVED AND DISPOSED OF IN A MANNER WHICH DOES NOT CAUSE FLOODING OF EXISTING STREETS NOR EROSION ON ABUTTING PROPERTIES IN ORDER TO CONSTRUCT THE IMPROVEMENTS SHOWN ON THESE PLANS. GROUNDWATER TO BE PUMPED SHALL BE TESTED, PERMITTED, AND PUMPED PER THE STATE OF COLORADO AND LOCAL GROUNDWATER DISCHARGING PERMIT REQUIREMENTS.

7. RIM AND GRATE ELEVATIONS SHOWN ON PLANS ARE APPROXIMATE ONLY AND ARE NOT TO BE TAKEN AS FINAL ELEVATIONS. THE CONTRACTOR SHALL ADJUST RIMS AND OTHER IMPROVEMENTS TO MATCH FINAL PAVEMENT AND FINISHED GRADE ELEVATIONS. ALL MANHOLES SHALL BE FINAL ADJUSTED AFTER PAVING SUCH THAT THE RIM IS ¼ " TO ½ " BELOW FINISHED ASPHALT. MANHOLES IN UNPAVED AREAS SHALL BE SET SO THAT THE RIM IS 6 " ABOVE FINISHED GRADE.

8. THE EXISTING AND PROPOSED ELEVATIONS OF FLATWORK, SIDEWALKS, CURBS, THRESHOLDS, PAVING, ETC. AS SHOWN HEREON ARE BASED ON EXTRAPOLATION OF FIELD SURVEY DATA, EXISTING CONDITIONS, AND DATA PROVIDED BY OTHERS. AT CRITICAL AREAS INCLUDING BUT NOT LIMITED TO WATER MAIN TIE IN LOCATIONS AND WATER SERVICE CONNECTIONS, CONTRACTOR SHALL HAVE FORMWORK INSPECTED AND APPROVED BY OWNER, OWNER'S REPRESENTATIVE, OR ENGINEER PRIOR TO PLACING CONCRETE. MINOR ADJUSTMENTS, AS APPROVED, TO PROPOSED GRADES, INVERTS, ETC. MAY BE REQUIRED TO PREVENT PONDING OR SLOPE NOT IN CONFORMANCE WITH MUNICIPAL STANDARDS. ALL FLATWORK MUST PREVENT PONDING AND PROVIDE POSITIVE DRAINAGE AWAY FROM EXISTING AND PROPOSED BUILDINGS, WALLS, ROOF DRAIN OUTFALLS, ACROSS DRIVES AND WALKS, ETC., TOWARDS THE PROPOSED INTENDED DRAINAGE FEATURES AND CONVEYANCES.

9. FINAL LIMITS OF REQUIRED ASPHALT SAWCUTTING AND PATCHING MAY VARY FROM LIMITS SHOWN ON PLANS. CONTRACTOR TO PROVIDE SAWCUT AND PATCH WORK TO ACHIEVE POSITIVE DRAINAGE AND A SMOOTH TRANSITION TO EXISTING ASPHALT WITHIN SLOPES ACCEPTABLE TO THE ENGINEER AND WITHIN MUNICIPAL STANDARDS. CONTRACTOR SHALL PROVIDE ADDITIONAL SAWCUTTING AND PATCHING AT UTILITY WORK, CONNECTION POINTS TO EXISTING PAVEMENT AND FEATURES, ETC. THAT MAY NOT BE DELINEATED ON PLANS.

10. ANY EXISTING MONITORING WELLS, CLEANOUTS, VALVE BOXES, ETC. TO BE PROTECTED AND TO REMAIN IN SERVICE. IF FEATURES EXIST, EXTEND OR LOWER TO FINAL SURFACE WITH LIKE KIND CAP WITH STANDARD CAST ACCESS LID WITH SAME MARKINGS. IN LANDSCAPED AREAS PROVIDE A CONCRETE COLLAR (18"x18"x6" THICK) AT ALL EXISTING AND PROPOSED MONITORING WELLS, CLEANOUTS, VALVE BOXES, ETC.

11. OWNER TO APPROVE ALL PRIVATE CONCRETE FINISHING, JOINT PATTERNS AND COLORING REQUIREMENTS PRIOR TO CONSTRUCTION. SUBMIT JOINT LAYOUT PLAN TO OWNER FOR APPROVAL PRIOR TO CONSTRUCTION.

12. PIPE LENGTHS AND HORIZONTAL CONTROL POINTS SHOWN ARE FROM CENTER OF STRUCTURES, END OF FLARED END SECTIONS, ETC. SEE STRUCTURE DETAILS FOR EXACT HORIZONTAL CONTROL LOCATION. CONTRACTOR IS RESPONSIBLE FOR ADJUSTING ACTUAL PIPE LENGTHS TO ACCOUNT FOR STRUCTURES AND LENGTH OF FLARED END SECTIONS.

13. ALL SURPLUS MATERIALS, TOOLS, AND TEMPORARY STRUCTURES, FURNISHED BY THE CONTRACTOR, SHALL BE REMOVED FROM THE PROJECT SITE BY THE CONTRACTOR. ALL DEBRIS AND RUBBISH CAUSED BY THE OPERATIONS OF THE CONTRACTOR SHALL BE REMOVED, AND THE AREA OCCUPIED DURING CONSTRUCTION ACTIVITIES SHALL BE RESTORED TO ITS ORIGINAL CONDITION, WITHIN 48 HOURS OF PROJECT COMPLETION, UNLESS OTHERWISE DIRECTED BY THE MUNICIPALITY OR OWNER'S REPRESENTATIVE.

14. THE CONTRACTOR IS REQUIRED TO PROVIDE AND MAINTAIN EROSION AND SEDIMENT CONTROL MEASURES IN ACCORDANCE WITH THE LOCAL JURISDICTION, THE STATE OF COLORADO, MILE HIGH FLOOD DISTRICT "URBAN STORM DRAINAGE CRITERIA MANUAL VOLUME 3", THE M-STANDARD PLANS OF THE COLORADO DEPARTMENT OF TRANSPORTATION, AND THE APPROVED EROSION CONTROL PLAN. JURISDICTIONAL AUTHORITY MAY REQUIRE THE CONTRACTOR TO PROVIDE ADDITIONAL EROSION CONTROL MEASURES AT THE CONTRACTOR'S EXPENSE DUE TO UNFORESEEN EROSION PROBLEMS OR IF THE PLANS DO NOT FUNCTION AS INTENDED. THE CONTRACTOR IS RESPONSIBLE FOR PROHIBITING SILT AND DEBRIS LADEN RUNOFF FROM LEAVING THE SITE, AND FOR KEEPING ALL PUBLIC AREAS FREE OF MUD AND DEBRIS. THE CONTRACTOR IS RESPONSIBLE FOR RE-ESTABLISHING FINAL GRADES AND FOR REMOVING ACCUMULATED SEDIMENTATION FROM ALL AREAS INCLUDING SWALES AND DETENTION/WATER QUALITY AREAS. CONTRACTOR SHALL REMOVE TEMPORARY EROSION CONTROL MEASURES AND REPAIR AREAS AS REQUIRED AFTER VEGETATION IS ESTABLISHED AND ACCEPTED BY OWNER AND MUNICIPALITY.

15. ADA COMPLIANCE: THE CROSS-SLOPE OF ALL WALKS MUST BE LESS THAN 1:48 (2.0%) PERPENDICULAR TO DIRECTION OF TRAVEL. RUNNING SLOPE OF ACCESSIBLE WALKS MUST BE NOT STEEPER THAN 1:20 (5.0%) IN DIRECTION OF TRAVEL. MAXIMUM GRADE OF ACCESSIBLE CURB RAMPS AND RAMPS IS 1:12 (8.3%). CURB RAMPS SHALL PROVIDE A LANDING AT THE TOP AND RAMP RUNS PROVIDE LANDINGS AT THE BOTTOM AND TOP OF EACH RAMP RUN AT A SLOPE NOT TO EXCEED 1:48. RAMP RUNS EXCEEDING SIX INCHES SHALL INCLUDE HANDRAILS. ACCESSIBLE PARKING SPACES AND ACCESS AISLES SHALL NOT EXCEED 1:48 IN ALL DIRECTIONS. CONTRACTOR SHALL NOTIFY ENGINEER PRIOR TO PLACEMENT OF FLATWORK OF SITE CONDITIONS OR DISCREPANCIES WHICH PREVENT TYPICAL REQUIRED GRADES FROM BEING ACHIEVED. ALL RAMPS, STAIRS, EDGE PROTECTION, AND RAILINGS SHALL BE CONSTRUCTED IN ACCORDANCE WITH CURRENT ADA STANDARDS. ACCESSIBLE CURB RAMPS SHALL CONFORM TO THE CDOT M-STANDARDS (SEE DETAIL M-608-1, ETC). ACCESSIBLE FEATURE WITHIN THE PUBLIC RIGHTS-OF-WAY SHALL BE CONSTRUCTED TO CONFORM TO THE LOCAL AUTHORITY HAVING JURISDICTION REQUIREMENTS.

16. PROTECT ALL TREES AND VEGETATION. PLACE CONSTRUCTION FENCING AT DRIP LINE OF TREES AND PLANTS NEAR THE WORK ZONE. DEEP WATER TREES WEEKLY. HAND EXCAVATION REQUIRED AT ROOT ZONES WHERE PROPOSED PAVING OR UTILITY WORK IS WITHIN DRIPLINE OF TREES.

17. LOCATIONS OF CLEANOUTS, LIGHTS, SIGNAGE, JUNCTION BOXES, AND OTHER SIGNIFICANT SITE FEATURES TO BE STAKED FOR ENGINEER AND OR OWNER APPROVAL PRIOR TO WORK. CLEANOUTS, JUNCTION BOXES, AND ADJACENT GRADES TO BE RAISED ONE-HALF INCH AT ASPHALT/CONCRETE (OR 1" AT LANDSCAPING) TO PROVIDE POSITIVE DRAINAGE AWAY FROM FEATURES.

18. SURVEY INFORMATION:

18.1. BENCHMARK INFORMATION: TOPOGRAPHIC INFORMATION WAS PROVIDED BY WILLIAM H. SMITH AND ASSOCIATES, INC. SEE GRAND JUNCTION TOPOGRAPHIC EXHIBITS DATED 02/24/2026. PROJECT BENCHMARK ELEVATION: 4550.00 FT AT MESA COUNTY CONTROL POINT SN13. THE VERTICAL DATUM IS NAVD88 WITH GEOID MODEL 12A TO COMPUTE ORTHOMETRIC ELEVATION AND THE HORIZONTAL DATUM IS THE MESA COUNTY LOCAL COORDINATE SYSTEM (MCLCS) IN THE GRAND VALLEY AREA (GVA) ZONE PER SURVEY. COORDINATE AND VERIFY ALL VERTICAL AND HORIZONTAL DATA SHOWN IN SURVEY AND REPORT ANY IRREGULARITIES OR DISCREPANCIES TO ENGINEER PRIOR TO CONSTRUCTION.

18.2. BASIS OF BEARINGS: COORDINATES SHOWN ARE REFERENCED FROM THE MESA COUNTY LOCAL COORDINATE SYSTEM (MCLCS), IN THE GVA ZONE (MCGVA) PUBLISHED AS THE SURVEY INFORMATION MANAGEMENT SYSTEM (SIMS) BY MESA COUNTY PUBLIC WORKS.

18.3. HORIZONTAL CONTROL INFORMATION: HORIZONTAL CONTROL COORDINATES ARE BASED ON THE REFERENCED SURVEY AND ARE PROVIDED BY THE FOLLOWING POINTS AS SHOWN ON THE PLANS:

SN13	N39278.18	E87382.602	ELEV4550.00	P313	N25684.134	E97262.198	ELEV4644.91
CP SPYGLASS	N24433.33	E93214.44	ELEV4833.52	SPYGLASS CHK	N24460.87	E93235.35	ELEV4833.55
BM LAGUNA 1	N29687.92	E99478.81	ELEV4648.89	BM LAGUNA 2	N29696.15	E98879.47	ELEV4646.26
BM TAOS 1	N30115.96	E99379.50	ELEV4643.80	BM ZUNI	N28948.36	E99478.17	ELEV4652.17

18.4. HORIZONTAL CONTROL INFORMATION: HORIZONTAL CONTROL COORDINATES ARE BASED ON THE REFERENCED SURVEY. THE HORIZONTAL DATUM IS REFERENCED FROM THE MESA COUNTY LOCAL COORDINATE SYSTEM (MCLCS) IN THE GVA ZONE (MCGVA) PUBLISHED AS THE SURVEY INFORMATION MANAGEMENT SYSTEM (SIMS) BY MESA COUNTY PUBLIC WORKS. THE SAID GVA ZONE HAS THE FOLLOWING PUBLISHED PARAMETERS:

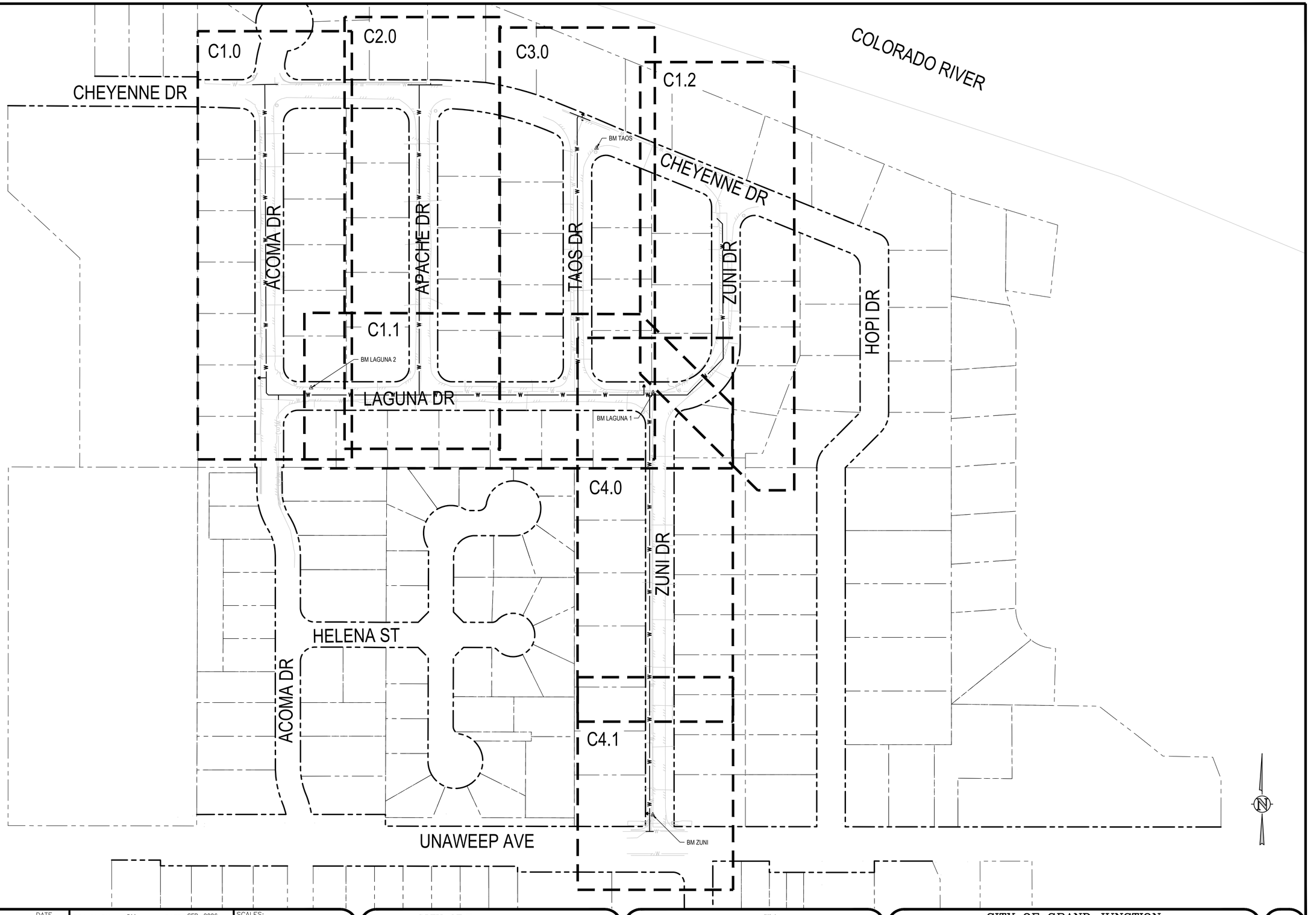
<u>PROJECTION: TRANSVERSE MERCATOR PROJECTION</u>
POINT OF ORIGIN: SN01
NORTHING: 50,000 SFT — EASTING: 100,000 SFT
PROJECT/SCALE FACTOR HEIGHT: 4,644 FT (NAVD 88)
LATITUDE (DEGREES): 39°06'22.72756"N — LATITUDE (DECIMAL):39.106313211°
LONGITUDE (DEGREES): 108°32'01.43463"W — LONGITUDE (DECIMAL): 108.533731842°
SCALE FACTOR: 1.000218181798

<u>MESA COUNTY CONTROL POINTS</u>

CONTROL POINT: SN13 - PRECISION A-1PPM	CONTROL POINT: P313 - PRECISION B-5PPM
NORTHING: 39,278.18 SFT (MCGVA)	NORTHING: 25,684.134 SFT (MCGVA)
EASTING: 87,382.602 SFT (MCGVA)	EASTING: 97,262.198 SFT (MCGVA)
NAVD88, G12A ELEVATION: 4550.004 SFT	NAVD 88, G12A ELEVATION: 4644.910 SFT
LATITUDE: 39°04'36.74690" N	LATITUDE: 39°02'22.44231" N
LONGITUDE:108°34'41.39550" W	LONGITUDE: 108°32'36.12657" W
ELLIPSOID HEIGHT: 1369.900 METERS	ELLIPSOID HEIGHT: 1398.919 METERS
COMMENT: ½" IRON ROD IN MONUMENT WELL	COMMENT: ½" IRON ROD IN MONUMENT WELL

19. SURVEY UTILITY LOCATION INFORMATION PER THE SURVEYOR: SUBSURFACE UTILITIES INCLUDING SANITARY SEWER MAINS, SANITARY SEWER TAPS, WATER MAINS, WATER SERVICES, GAS LINES, AND ELECTRIC LINES ARE SHOWN IN APPROXIMATE HORIZONTAL AND VERTICAL LOCATIONS CONSISTENT WITH ASCE 38-02 QUALITY LEVEL "B" (INFORMATION OBTAINED BY THE APPLICATION OF APPROPRIATE SURFACE GEOPHYSICAL METHODS TO DETERMINE THE EXISTENCE AND HORIZONTAL POSITION OF VIRTUALLY ALL UTILITIES WITHIN THE PROJECT LIMITS. THE INFORMATION OBTAINED IN THIS MANNER IS SURVEYED TO PROJECT CONTROL.) AND UTILITIES INCLUDING STORM DRAINAGE, ARE QUALITY LEVEL "C" (INFORMATION OBTAINED BY SURVEYING AND PLOTTING VISIBLE ABOVE-GROUND UTILITY FEATURES AND BY USING PROFESSIONAL JUDGMENT IN CORRELATING THIS INFORMATION TO QUALITY LEVEL D; INFORMATION DERIVED FROM EXISTING RECORDS OR ORAL RECOLLECTIONS), AND BASED ON FIELD MEASUREMENTS PROVIDED BY THE OWNER AND THE CONTRACTOR. IRRIGATION LINES, SANITARY SEWER SERVICES, AND MAPPED WATER LINES SHOWN IN THE PLANS ARE QUALITY LEVEL D. SUBSURFACE UTILITIES ARE NOT DEPICTED TO THE EXTENT SET FORTH IN ASCE 38-02 QUALITY LEVELS "A" (INFORMATION OBTAINED THROUGH THE NONDESTRUCTIVE EXPOSURE OF UNDERGROUND UTILITIES, AND ALSO PROVIDES THE TYPE, SIZE, CONDITION, MATERIAL AND OTHER CHARACTERISTICS OF UNDERGROUND FEATURES.). TO THE EXTENT DEEMED NECESSARY FOR THE PROTECTION OF PERSONS AND PROPERTY, POTHOLING OR OTHER PRECISE MAPPING MAY BE COMPLETED TO CONFIRM THE EXACT LOCATION OF ANY SUBSURFACE UTILITIES. NOTIFY OWNER AND ENGINEER WITH ALL UTILITY INFORMATION PRIOR TO CONSTRUCTION. VISIT HTTPS://WWW.FHWA.DOT.GOV/PROGRAMADMIN/SUEINDEX.CFM FOR MORE INFORMATION.

20. THE CONTRACTOR AT THE CONTRACTORS EXPENSE SHALL FURNISH THE OWNER AND ENGINEER OF RECORD A COMPLETE SET OF CONSTRUCTION RECORD DRAWINGS ("AS-BUILTS") FOR THE CONSTRUCTED IMPROVEMENTS. THE AS-BUILT SET SHALL SHOW SUFFICIENT DIMENSION TIES TO PERMANENT SURFACE FEATURES OR NORTHING/EASTING POINTS FOR ALL BURIED FACILITIES TO ALLOW FOR FUTURE LOCATING. THE AS-BUILT SET SHALL SHOW AS-BUILT CONTOURS AND ELEVATIONS OF ASPHALT AND CONCRETE FLATWORK, FLOWLINES, GRADE BREAKS, STAIRS, CROSS-SLOPES, HIGH AND LOW POINTS, AND ADDITIONAL ELEVATIONS TO DEMONSTRATE IMPROVEMENTS WERE CONSTRUCTED PER PLANS. THE AS-BUILT SET SHALL SHOW ELEVATIONS OF ALL DETENTION/WATER QUALITY FACILITIES, INCLUDING BUT NOT LIMITED TO BERMS, SPILLWAYS, BASIN BOTTOM, PIPE INVERTS, AND CONTROL STRUCTURE FEATURES (AS SURVEYED AND STAMPED BY A CERTIFIED P.L.S.). THE AS-BUILT SET SHALL ALSO INCLUDE ELEVATIONS OF MANHOLES, PIPES, INLETS, GRATES, AND SIZES OF ALL UTILITIES. THE AS-BUILT SET SHALL SHOW ANY AND ALL VARIATIONS FROM THE APPROVED PLAN. ENGINEER WILL PRODUCE FINAL RECORD DRAWINGS



DESCRIPTION	DATE
REVISION 1	
REVISION 2	
REVISION 3	
REVISION 4	

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CHECKED BY	JJM/AMR	DATE	SEP. 2026
APPROVED BY		DATE	

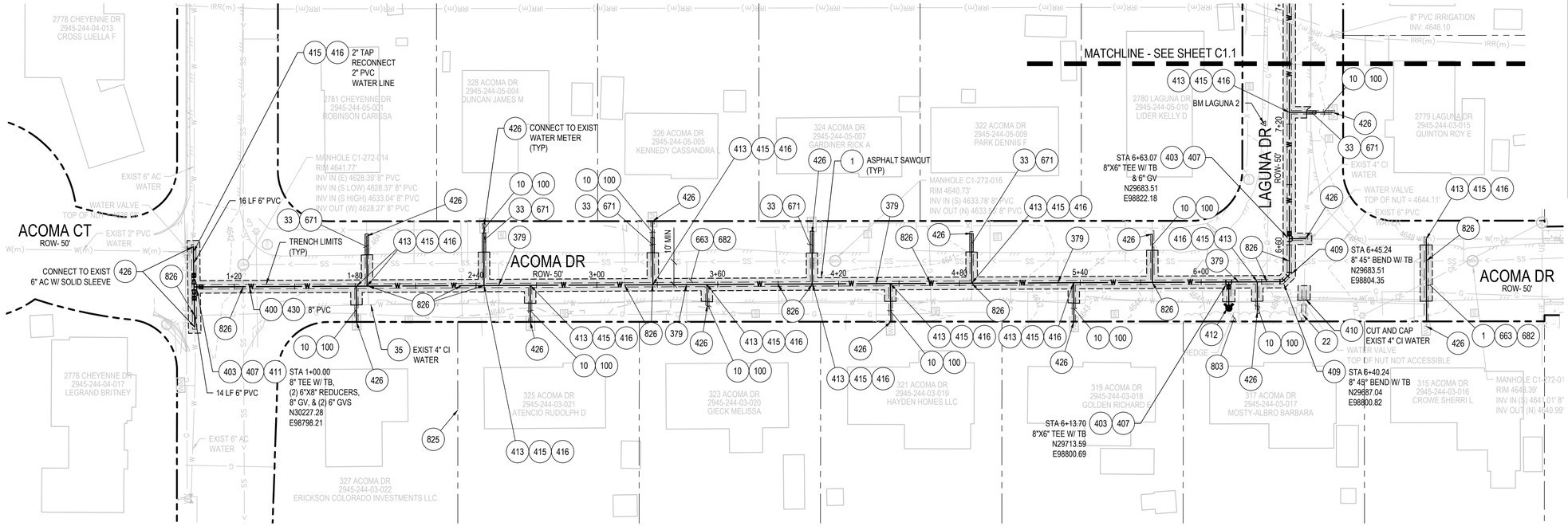
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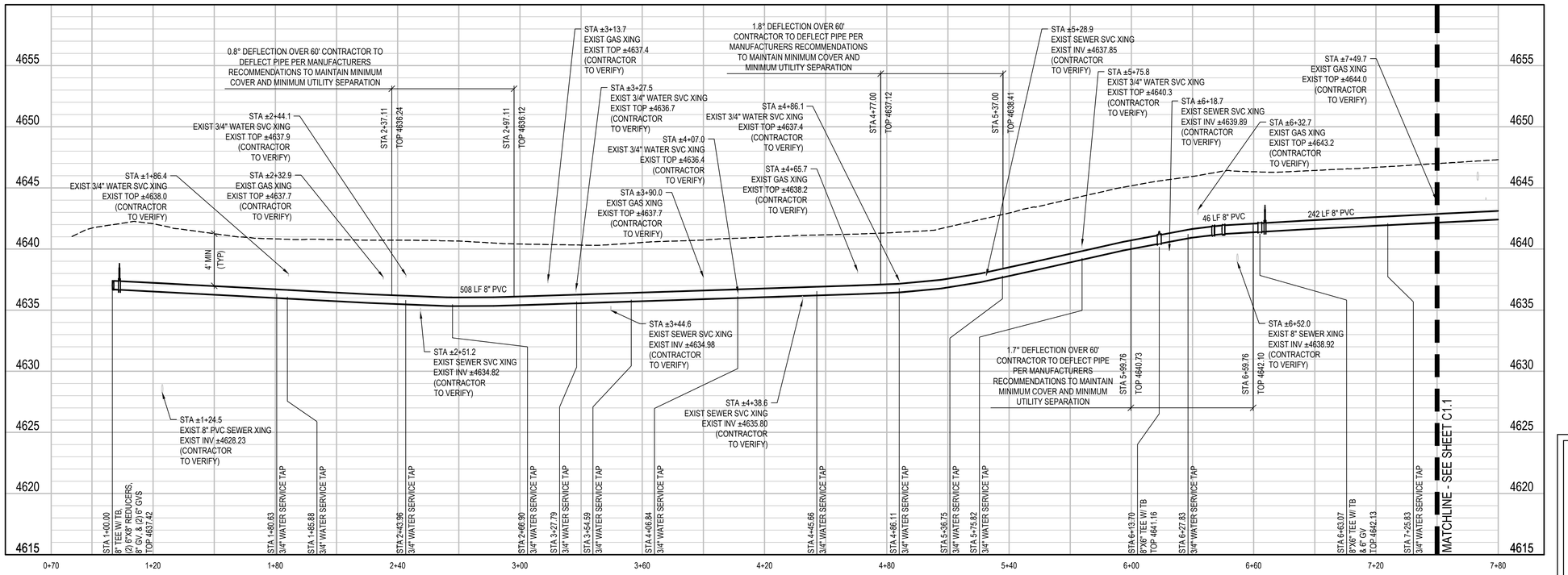
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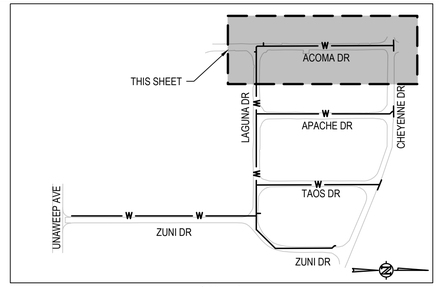
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CITY OF GRAND JUNCTION
2026 WATER MAIN IMPROVEMENTS
OVERALL KEY MAP

CO.1







KEYMAP
NTS

CONSTRUCTION NOTES

1. 202 - REMOVAL OF ASPHALT MAT. CUT AND REMOVE ASPHALT AS SHOWN.
10. 202 - REMOVAL OF LANDSCAPE GROUND COVER AND ANY UNDERLYING BARRIER. STOCKPILE PER PROPERTY OWNERS RECOMMENDATION.
22. 202 - REMOVE EXISTING FIRE HYDRANT AND RETURN TO CITY SHOPS.
33. REMOVAL OF EXISTING GRAVEL. STOCKPILE PER PROPERTY OWNERS RECOMMENDATION
35. 202 - ABANDON PIPE.
100. 210 - RESET LANDSCAPE GROUND COVER. CONTRACTOR SHALL REMOVE GROUND COVER AND ANY UNDERLYING WEED BARRIER AS NEEDED AND STOCKPILE MATERIALS. CONTRACTOR SHALL RESET THESE MATERIALS AND PROVIDE ADDITIONAL MATERIALS AS NEEDED TO RESTORE LANDSCAPING.
379. SANITARY SEWER SERVICE ADJUSTMENT. MOVE AND RECONNECT SEWER SERVICE AS NECESSARY TO ENSURE 18'' MINIMUM VERTICAL SEPARATION BETWEEN WATER LINE AND SEWER SERVICE.
400. 102.7/108.2 - WATER MAIN PIPE (C-900 PVC DR-18) (SIZE AS SHOWN). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.
403. 102.8/108.3 - GATE VALVE. (SIZE AS SHOWN)
407. 102.8/108.3 - TEE (SIZE AS SHOWN).
409. 102.8/108.3 - ELBOW (SIZE AND ANGLE AS SHOWN)
410. 102.8/108.3 - END CAP / PLUG (SIZE AS SHOWN).
411. 102.8/108.3 - REDUCER (SIZE AS SHOWN).
412. 102.8A/108.3 - FIRE HYDRANT
413. 102.7C/108.4 - WATER SERVICE LINE (TYPE K COPPER) (SIZE AS SHOWN ON PLAN)
415. 102.8K/108.4 - TAPPING SADDLE (SIZE AS SHOWN ON PLAN)
416. 102.8J/108.4 - CORPORATION STOP (SIZE AS SHOWN ON PLAN)
426. CONNECT TO EXISTING WATER PIPE/VALVE/FITTING. THE CONTRACT UNIT PRICE FOR WATER PIPE SHALL INCLUDE THE COST OF CONNECTION TO EXISTING PIPELINE
430. 102.8I - INSTALL TRACER WIRE AND TEST STATIONS ALONG WATER MAIN PER GJ DETAIL W-18
663. 304 - AGGREGATE BASE COURSE (CLASS 6) (6" THICK)
671. 304 - WASHED ROCK SURFACE COURSE FOR GRAVEL DRIVEWAYS. MATCH EXISTING TYPE. THICKNESS IS 2" MIN. AND 3" MAX.
682. 401.08 - HOT BITUMINOUS PAVEMENT (PATCHING) (4" THICK) (GRADING SX, BINDER GRADE PG 64-28) (TWO 2" LIFTS)
803. PROTECT HEDGE
825. CONTRACTOR IS RESPONSIBLE FOR REPAIR COSTS ASSOCIATED WITH ANY/ALL DAMAGE TO PRIVATE PROPERTY BEHIND ROW LINE OR EASEMENT LIMITS
826. PROTECT EXISTING UTILITY LINE IN PLACE.

UTILITY NOTES:

1. CONTRACTOR TO FIELD VERIFY ALL EXISTING UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION. REFER TO GENERAL NOTES FOR UTILITY LOCATION AND PROTECTION.
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3. CONTRACTOR SHALL NOT CREATE LOCAL HIGH OR LOW SPOTS WHEN FOLLOWING MINIMUM BURY DEPTHS UNLESS SPECIFIED IN THE PLANS
4. ALL SANITARY SEWER SERVICES ARE NOT SHOWN ON PLANS. SEWER SERVICES ARE APPROXIMATE. CONTRACTOR TO VERIFY LOCATION OF SANITARY SEWER SERVICES PRIOR TO CONSTRUCTION.
5. CONTRACTOR TO COORDINATE ALL SANITARY SEWER SERVICE EXPLORATORY TRENCHING WITH CITY OF GRAND JUNCTION PRIOR TO WATER MAIN INSTALLATION.

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REVISION 3	
REVISION 4	

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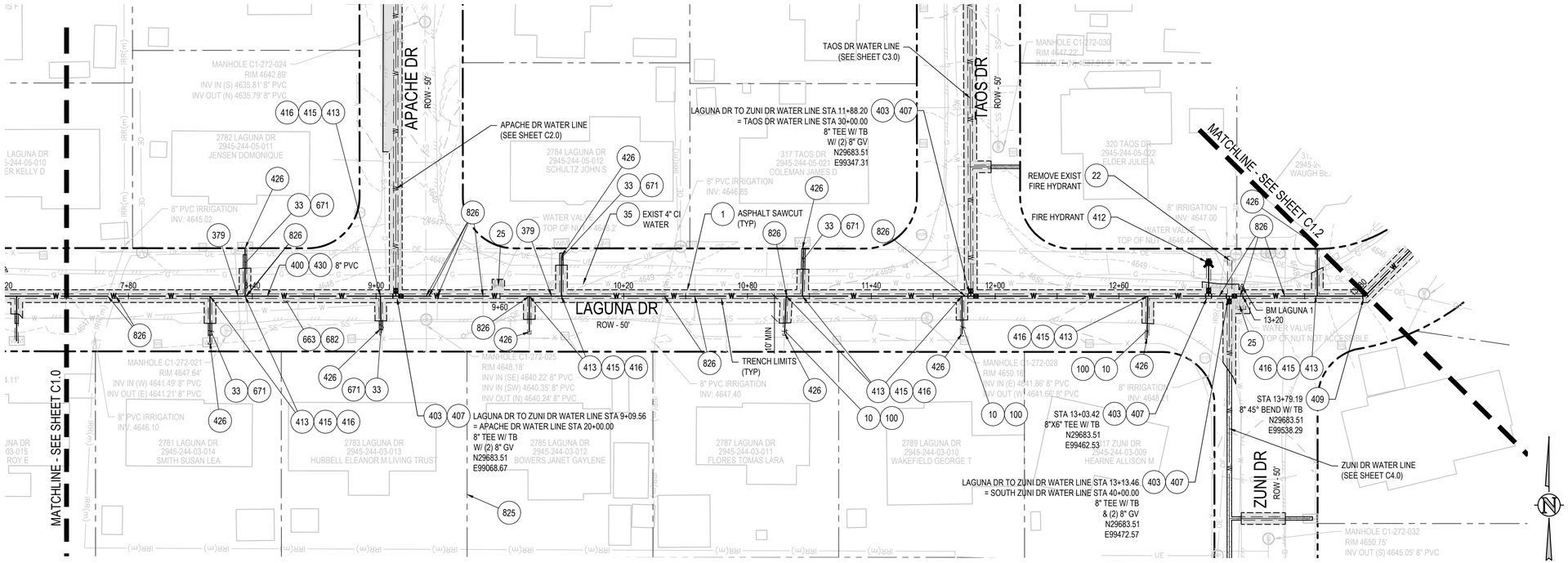
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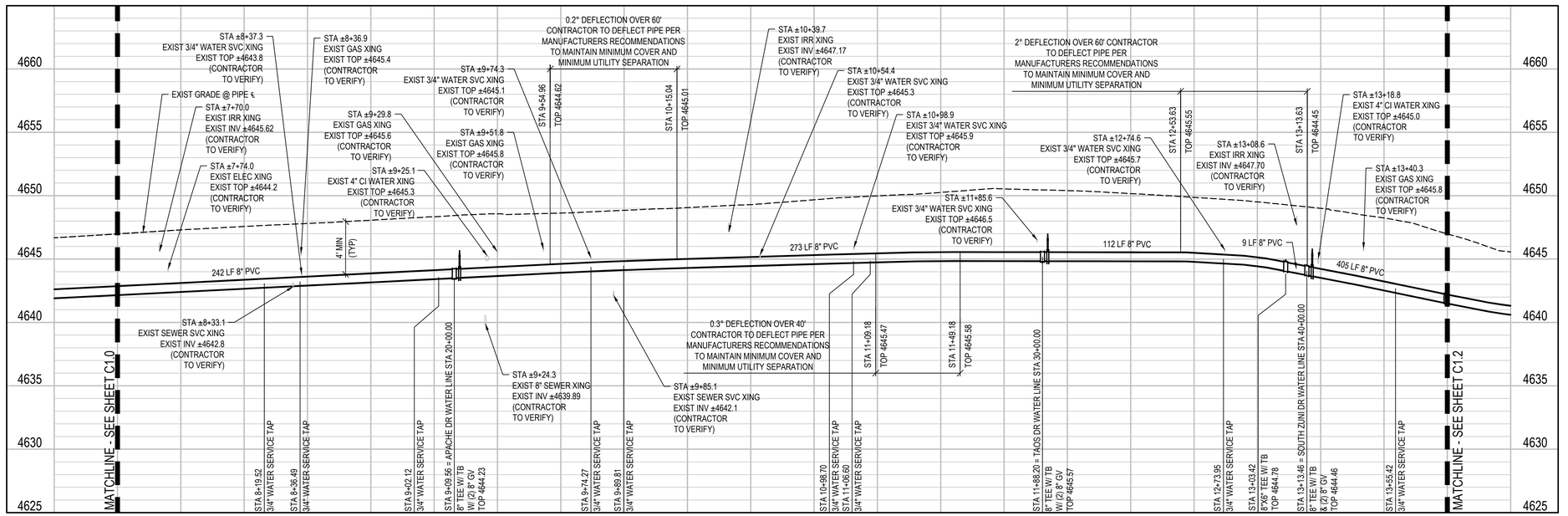
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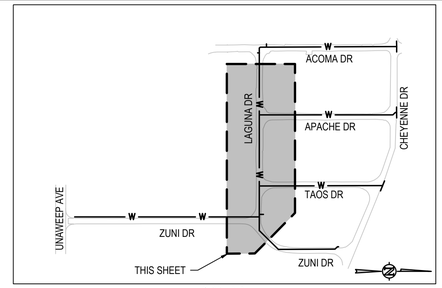
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CITY OF GRAND JUNCTION
2026 WATER MAIN IMPROVEMENTS
LAGUNA DR TO ZUNI DR WATER LINE
PLAN & PROFILE

C1.0







CONSTRUCTION NOTES

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22. 202 - REMOVE EXISTING FIRE HYDRANT AND RETURN TO CITY SHOPS.
25. 202 - ABANDON EXISTING WATER VALVE. CLOSE VALVE, REMOVE TOP HALF OF EXISTING VALVE BOX, FILL CAVITY TO FINISHED SUBGRADE WITH FLOW FILL MATERIAL.
33. REMOVAL OF EXISTING GRAVEL. STOCKPILE PER PROPERTY OWNERS RECOMMENDATION
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825. CONTRACTOR IS RESPONSIBLE FOR REPAIR COSTS ASSOCIATED WITH ANY/ALL DAMAGE TO PRIVATE PROPERTY BEHIND ROW LINE OR EASEMENT LIMITS
826. PROTECT EXISTING UTILITY LINE IN PLACE.

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DESCRIPTION	DATE
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REVISION 2	
REVISION 3	
REVISION 4	

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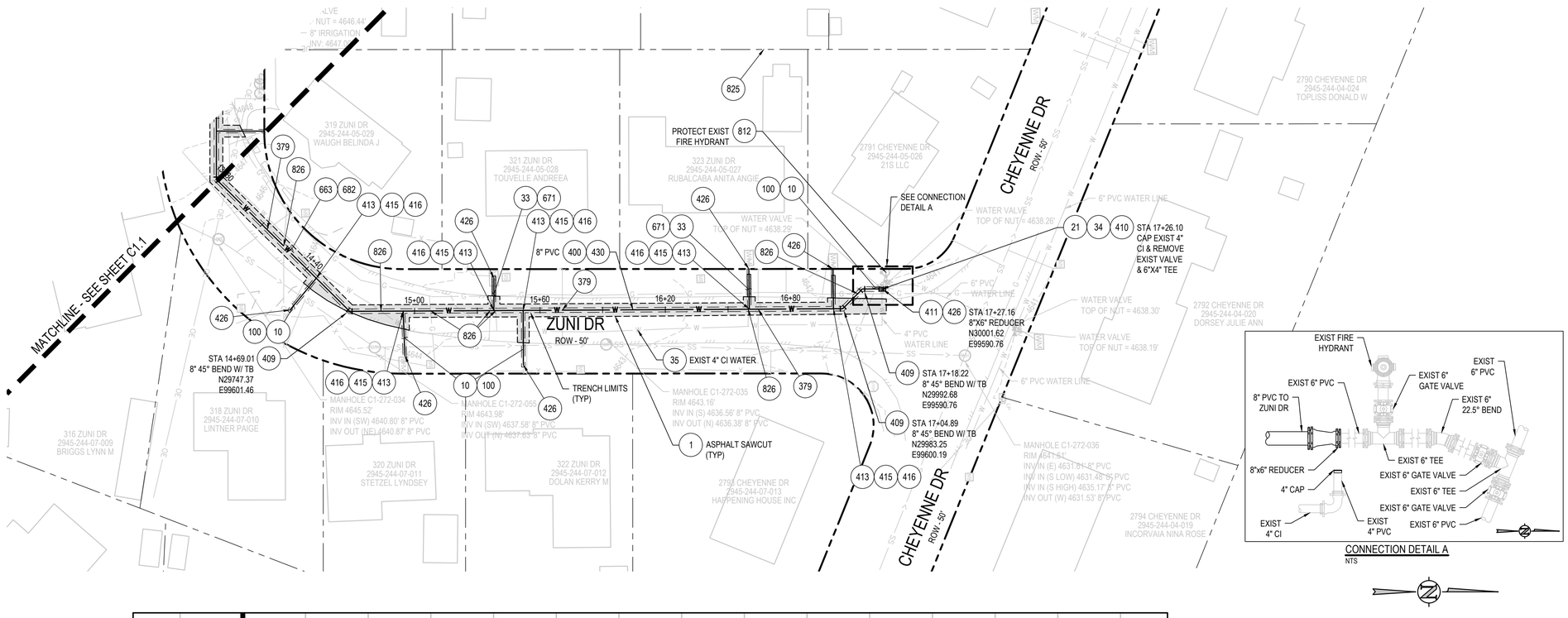
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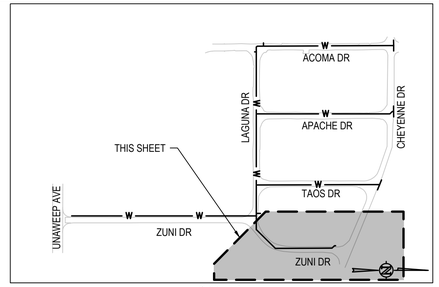
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2026 WATER MAIN IMPROVEMENTS
LAGUNA DR TO ZUNI DR WATER LINE
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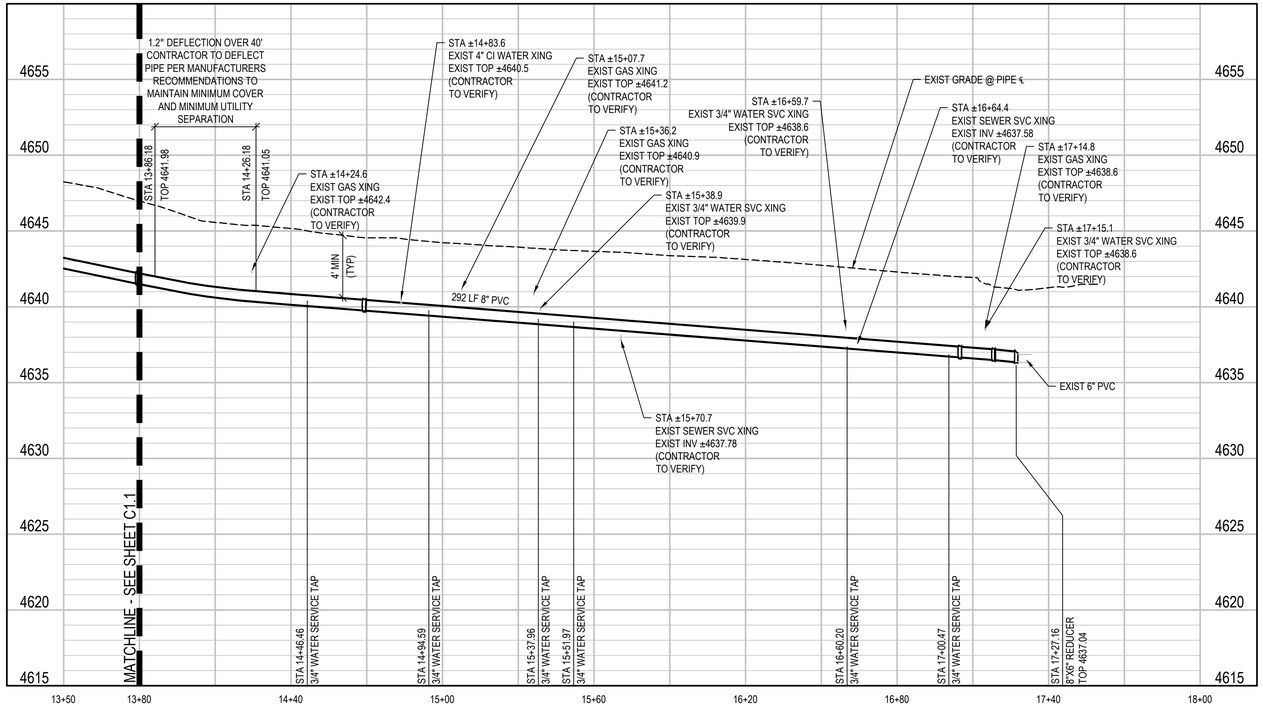
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CONNECTION DETAIL A
NTS



KEYMAP
NTS



CONSTRUCTION NOTES

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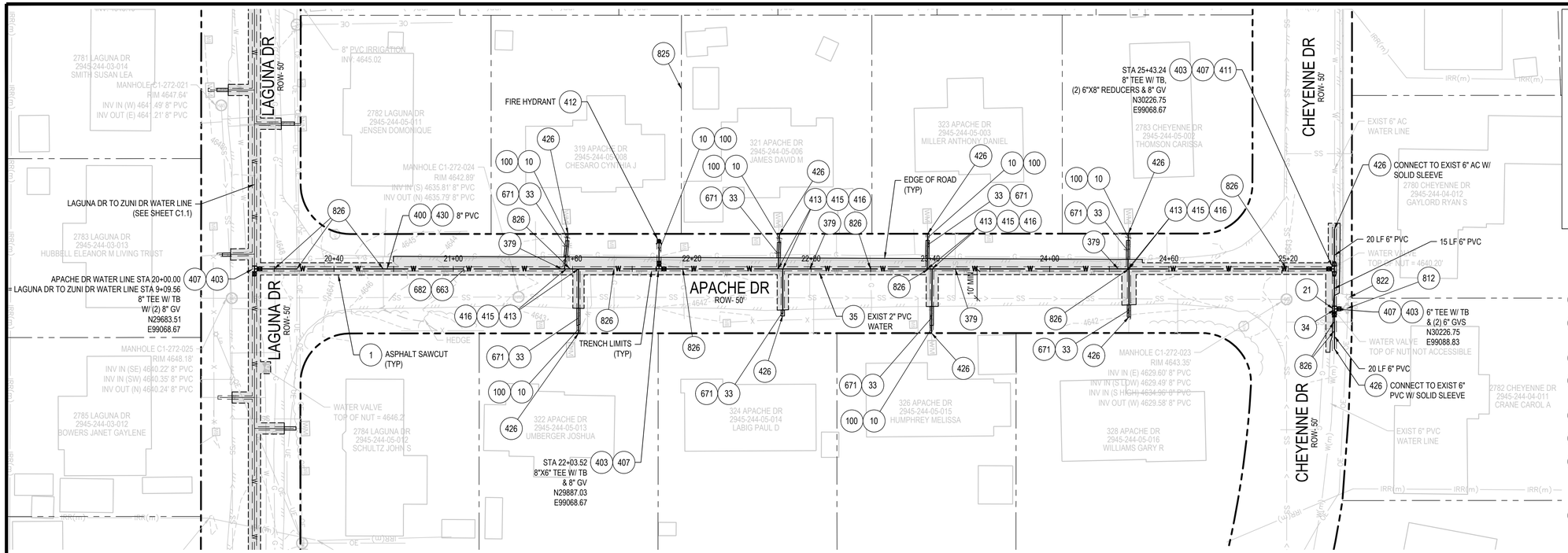
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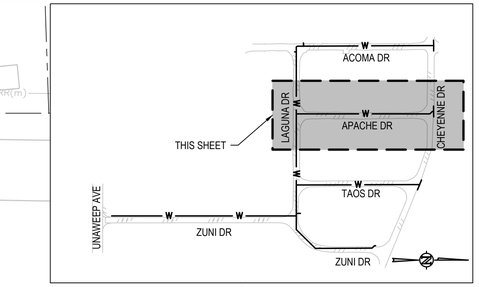
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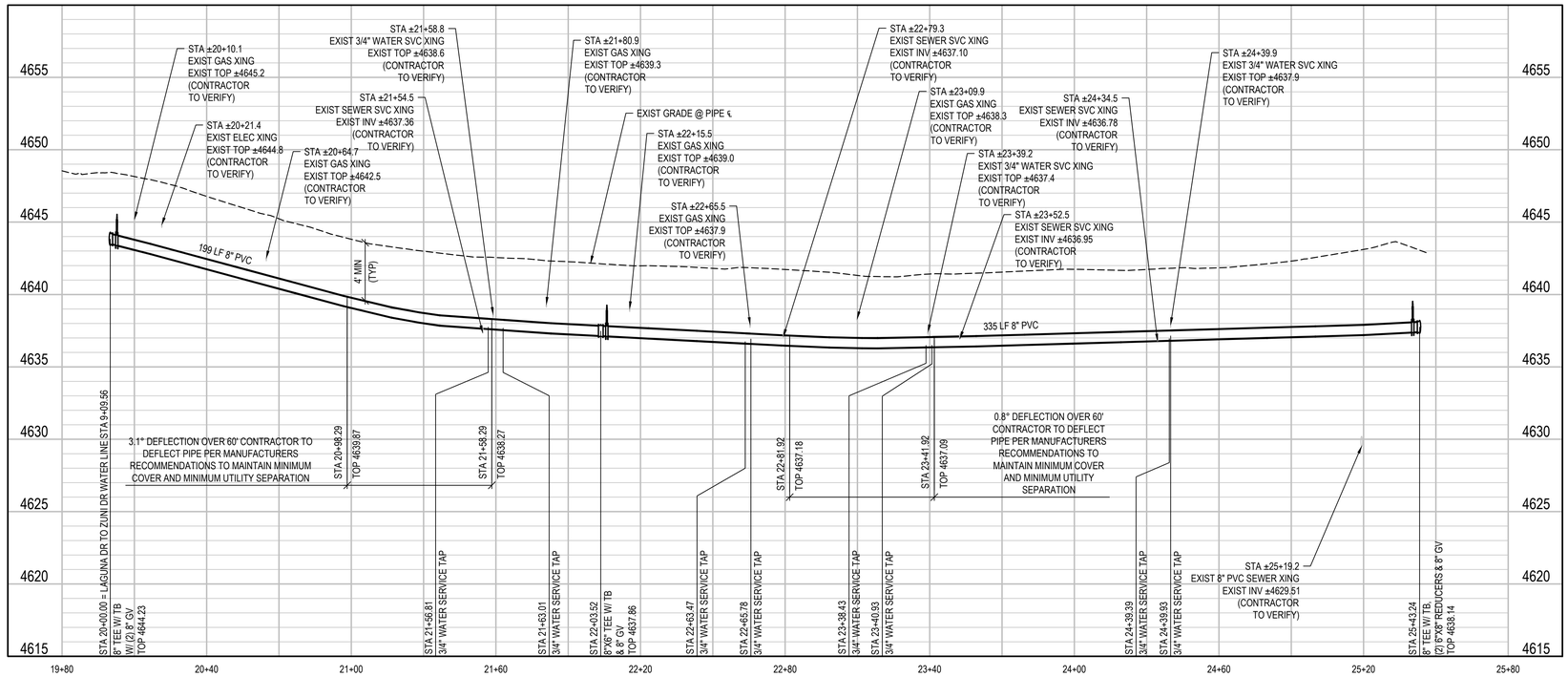
CITY OF GRAND JUNCTION
2026 WATER MAIN IMPROVEMENTS
LAGUNA DR TO ZUNI DR WATER LINE
PLAN & PROFILE

C1.2





KEYMAP
NTS



CONSTRUCTION NOTES

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410	102.8/108.3 - END CAP / PLUG (SIZE AS SHOWN).
411	102.8/108.3 - REDUCER (SIZE AS SHOWN).
412	102.8A/108.3 - FIRE HYDRANT
413	102.7C/108.4 -3/4" WATER SERVICE LINE (TYPE K COPPER)
415	102.8K/108.4 - 3/4" TAPPING SADDLE
416	102.8J/108.4 - 3/4" CORPORATION STOP
426	CONNECT TO EXISTING WATER PIPE/VALVE/FITTING. THE CONTRACT UNIT PRICE FOR WATER PIPE SHALL INCLUDE THE COST OF CONNECTION TO EXISTING PIPELINE
430	102.8I - INSTALL TRACER WIRE AND TEST STATIONS ALONG WATER MAIN PER GJ DETAIL W-18
663	304 - AGGREGATE BASE COURSE (CLASS 6) (6" THICK)
671	304 - WASHED ROCK SURFACE COURSE FOR GRAVEL DRIVEWAYS. MATCH EXISTING TYPE. THICKNESS IS 2" MIN. AND 3" MAX.
682	401.08 - HOT BITUMINOUS PAVEMENT (PATCHING) (4" THICK) (GRADING SX, BINDER GRADE PG 64-28) (TWO 2" LIFTS)
812	PROTECT FIRE HYDRANT.
822	PROTECT UTILITY POLE
825	CONTRACTOR IS RESPONSIBLE FOR REPAIR COSTS ASSOCIATED WITH ANY/ALL DAMAGE TO PRIVATE PROPERTY BEHIND ROW LINE OR EASEMENT LIMITS
826	PROTECT EXISTING UTILITY LINE IN PLACE.

UTILITY NOTES:

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2. CONTRACTOR TO POTHOLE EXISTING UTILITIES AT PROPOSED UTILITY CROSSINGS IN ROW PRIOR TO CONSTRUCTION.
3. CONTRACTOR SHALL NOT CREATE LOCAL HIGH OR LOW SPOTS WHEN FOLLOWING MINIMUM BURY DEPTHS UNLESS SPECIFIED IN THE PLANS
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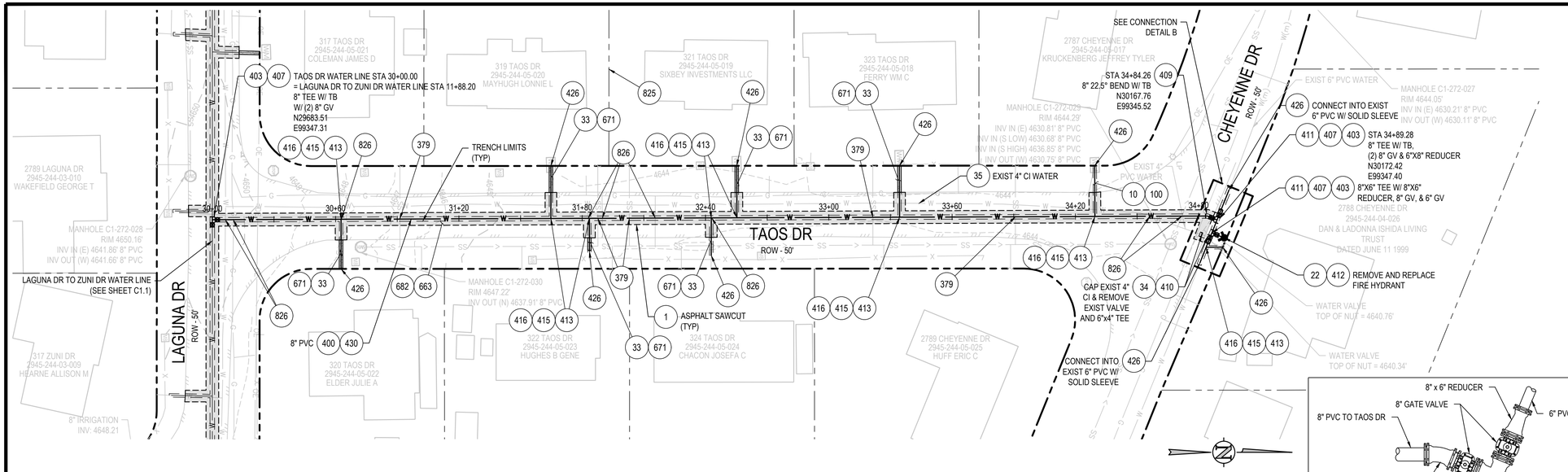
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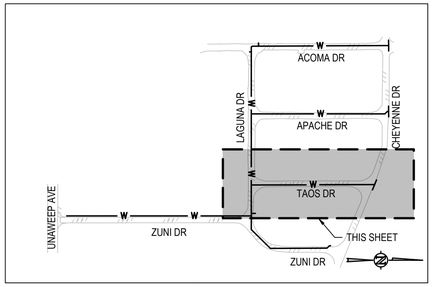
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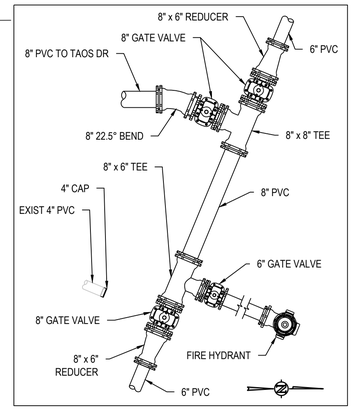
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APACHE DR WATER LINE PLAN & PROFILE

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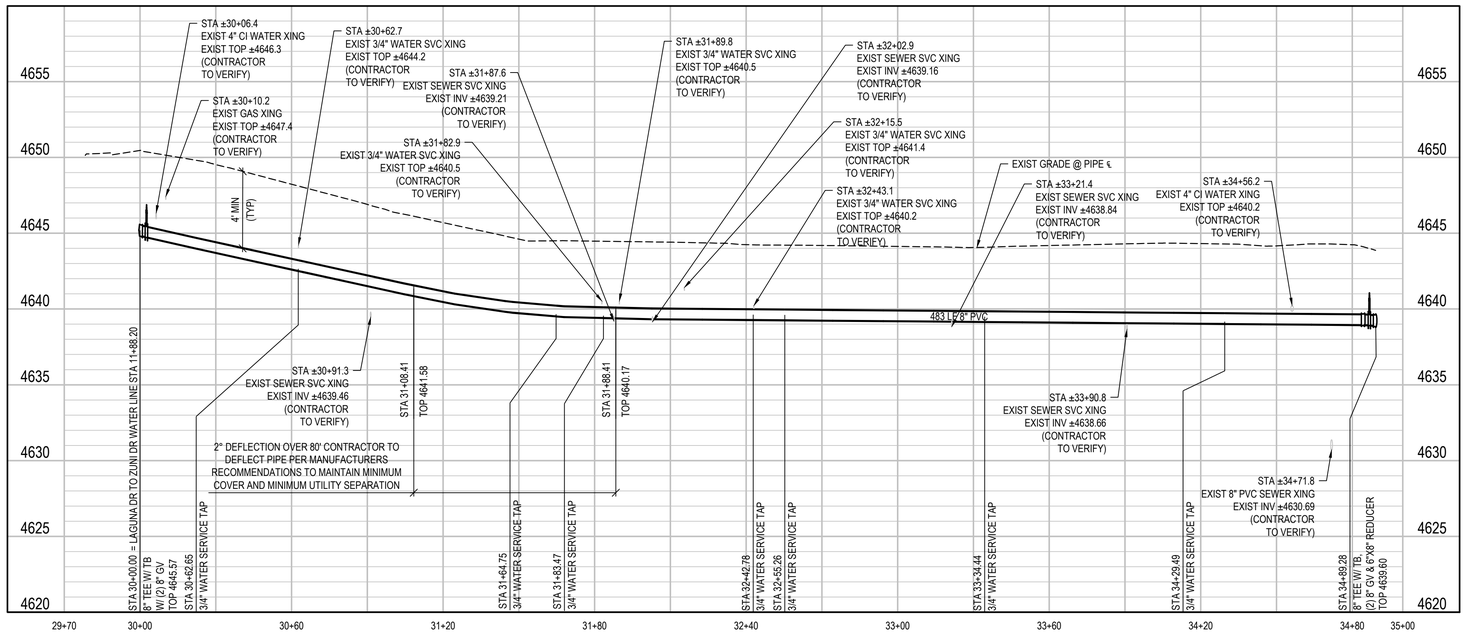




KEYMAP
NTS



CONNECTION DETAIL B
NTS



CONSTRUCTION NOTES

1	202 - REMOVAL OF ASPHALT MAT. CUT AND REMOVE ASPHALT AS SHOWN.
10	202 - REMOVAL OF LANDSCAPE GROUND COVER AND ANY UNDERLYING BARRIER. STOCKPILE PER PROPERTY OWNERS RECOMMENDATION.
22	202 - REMOVE EXISTING FIRE HYDRANT AND RETURN TO CITY SHOPS.
33	REMOVAL OF EXISTING GRAVEL. STOCKPILE PER PROPERTY OWNERS RECOMMENDATION
34	202 - REMOVE EXISTING TEE
35	202 - ABANDON PIPE.
100	210 - RESET LANDSCAPE GROUND COVER. CONTRACTOR SHALL REMOVE GROUND COVER AND ANY UNDERLYING WEED BARRIER AS NEEDED AND STOCKPILE MATERIALS. CONTRACTOR SHALL RESET THESE MATERIALS AND PROVIDE ADDITIONAL MATERIALS AS NEEDED TO RESTORE LANDSCAPING.
379	SANITARY SEWER SERVICE ADJUSTMENT. MOVE AND RECONNECT SEWER SERVICE AS NECESSARY TO ENSURE 18" MINIMUM VERTICAL SEPARATION BETWEEN WATER LINE AND SEWER SERVICE.
400	102.7/108.2 - WATER MAIN PIPE (C-900 PVC DR-18) (SIZE AS SHOWN). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.
403	102.8/108.3 - GATE VALVE. (SIZE AS SHOWN)
407	102.8/108.3 - TEE (SIZE AS SHOWN).
409	102.8/108.3 - ELBOW (SIZE AND ANGLE AS SHOWN)
410	102.8/108.3 - END CAP / PLUG (SIZE AS SHOWN).
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426	CONNECT TO EXISTING WATER PIPE/VALVE/FITTING. THE CONTRACT UNIT PRICE FOR WATER PIPE SHALL INCLUDE THE COST OF CONNECTION TO EXISTING PIPELINE
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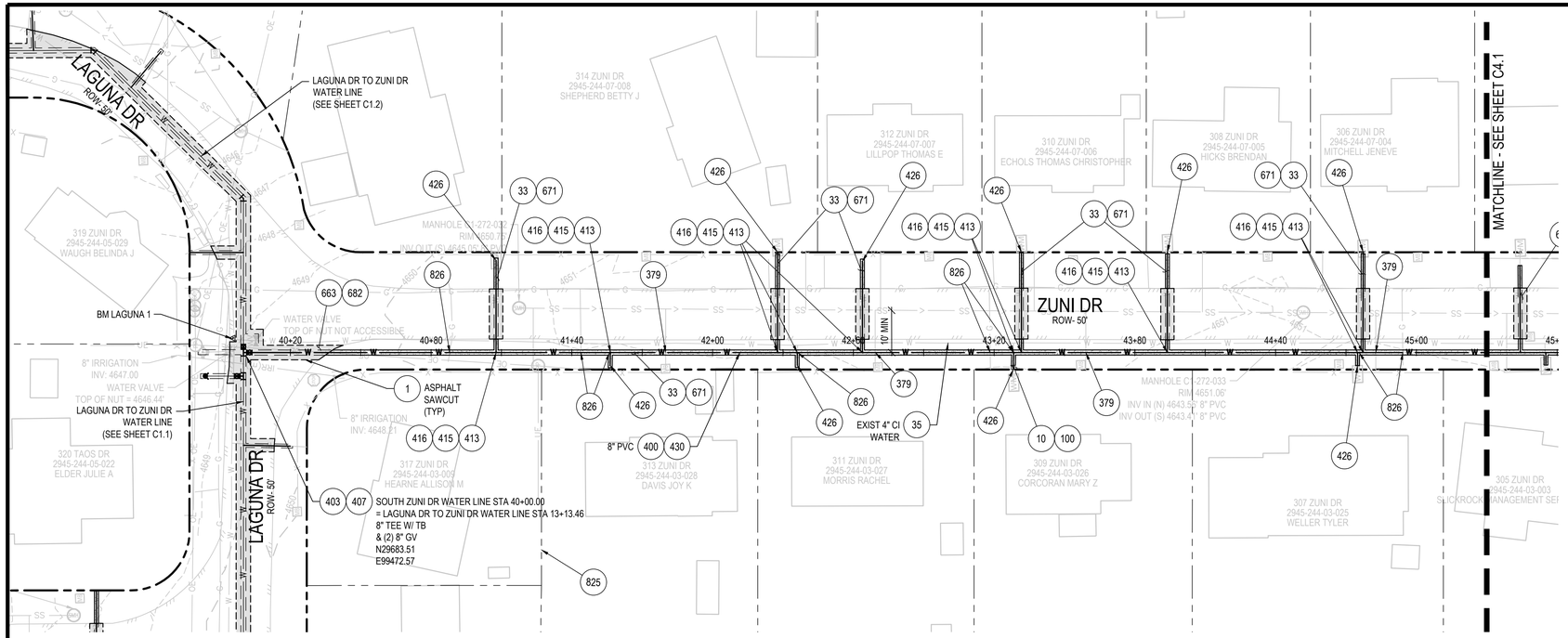
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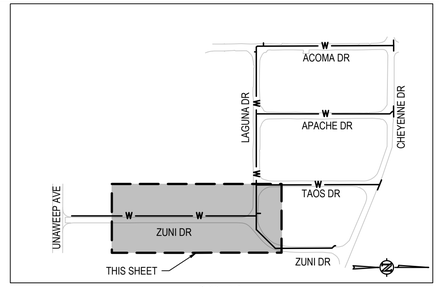
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TAOS DR WATER LINE PLAN & PROFILE

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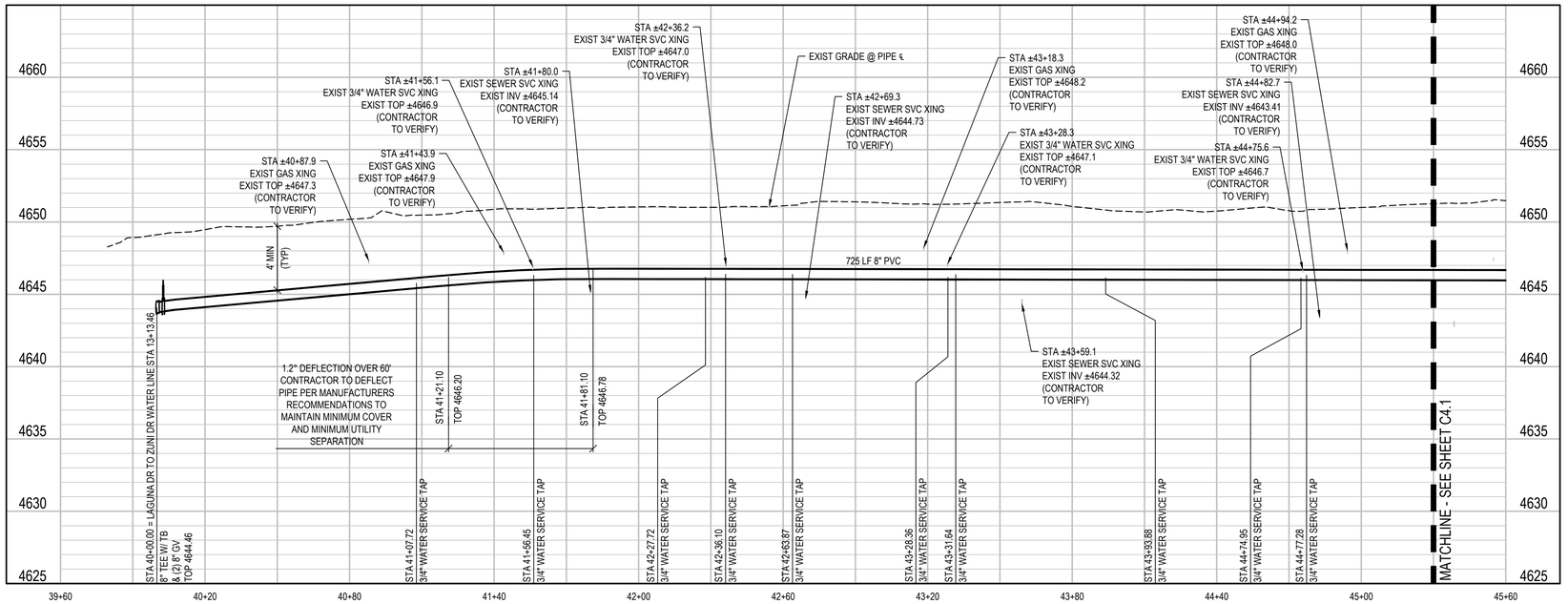




KEYMAP
NTS

CONSTRUCTION NOTES

1. 202 - REMOVAL OF ASPHALT MAT. CUT AND REMOVE ASPHALT AS SHOWN.
10. 202 - REMOVAL OF LANDSCAPE GROUND COVER AND ANY UNDERLYING BARRIER. STOCKPILE PER PROPERTY OWNERS RECOMMENDATION.
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825. CONTRACTOR IS RESPONSIBLE FOR REPAIR COSTS ASSOCIATED WITH ANY/ALL DAMAGE TO PRIVATE PROPERTY BEHIND ROW LINE OR EASEMENT LIMITS
826. PROTECT EXISTING UTILITY LINE IN PLACE.



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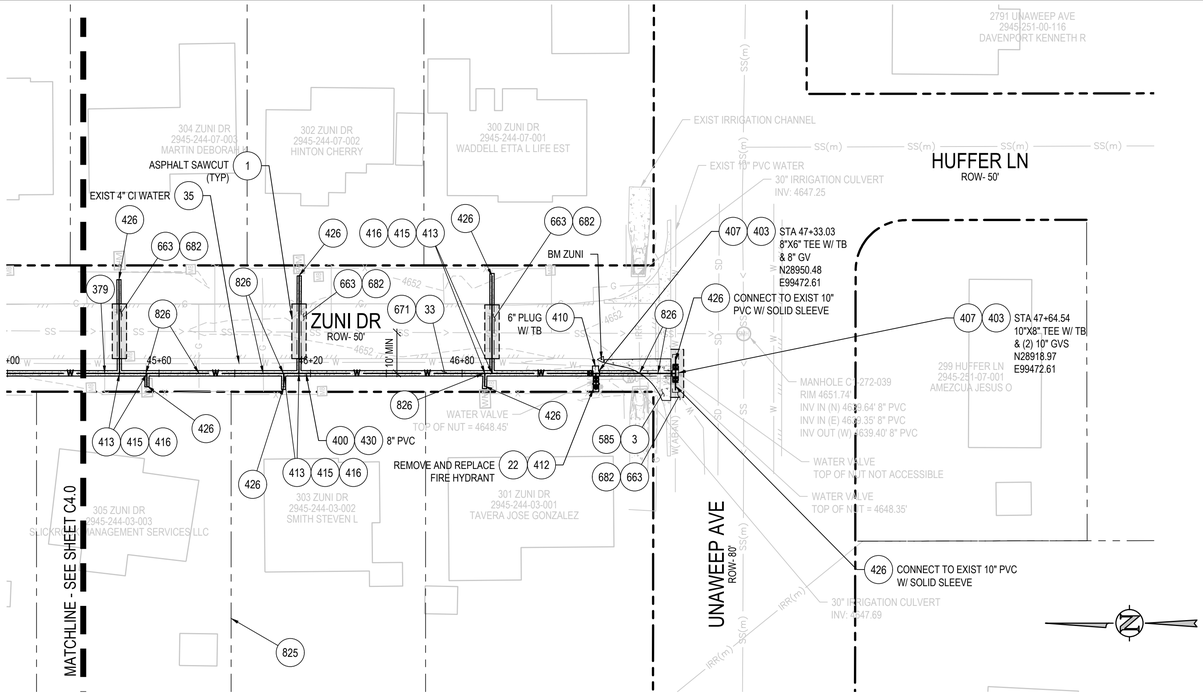
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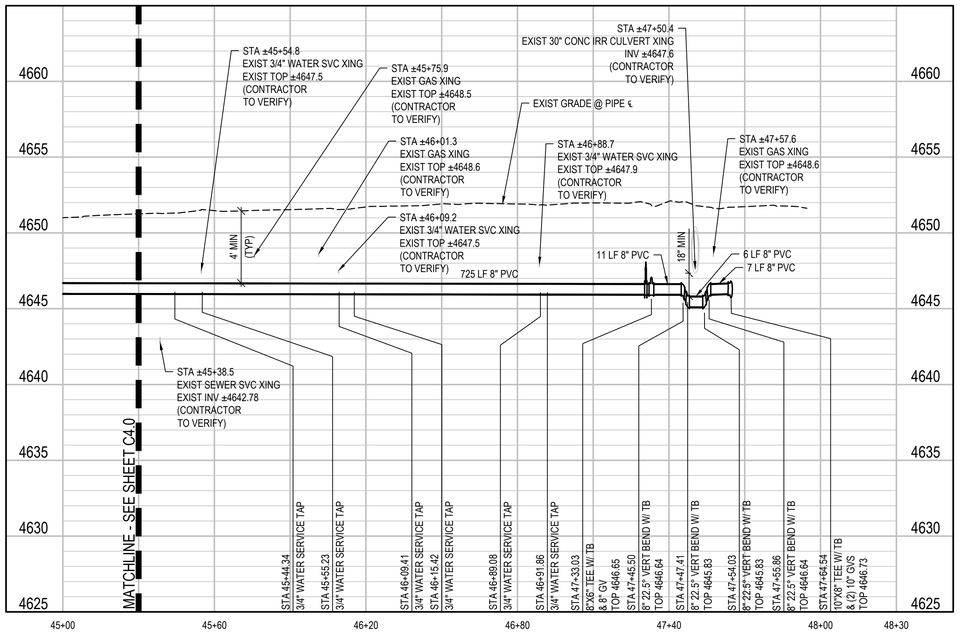
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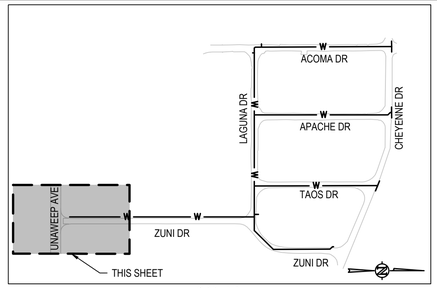
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CITY OF GRAND JUNCTION
2026 WATER MAIN IMPROVEMENTS
SOUTH ZUNI DR WATER LINE PLAN & PROFILE

C4.0







KEYMAP
NTS

CONSTRUCTION NOTES

1. 202 - REMOVAL OF ASPHALT MAT. CUT AND REMOVE ASPHALT AS SHOWN.
3. 202 - REMOVAL OF CONCRETE. SAW CUT AND REMOVE CONCRETE AS SHOWN. INCLUDES BUT NOT LIMITED TO CURB, GUTTER, SIDEWALK, DRIVEWAY, SLABS, V-PAN, CURB RAMPS, INTERSECTION CORNERS, APRONS, AND LANDSCAPE BORDERS.
22. 202 - REMOVE EXISTING FIRE HYDRANT AND RETURN TO CITY SHOPS.
33. REMOVAL OF EXISTING GRAVEL. STOCKPILE PER PROPERTY OWNERS RECOMMENDATION
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430. 102.8I - INSTALL TRACER WIRE AND TEST STATIONS ALONG WATER MAIN PER GJ DETAIL W-18
585. 608.06 - CONCRETE CORNER FILLET
663. 304 - AGGREGATE BASE COURSE (CLASS 6) (6" THICK)
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