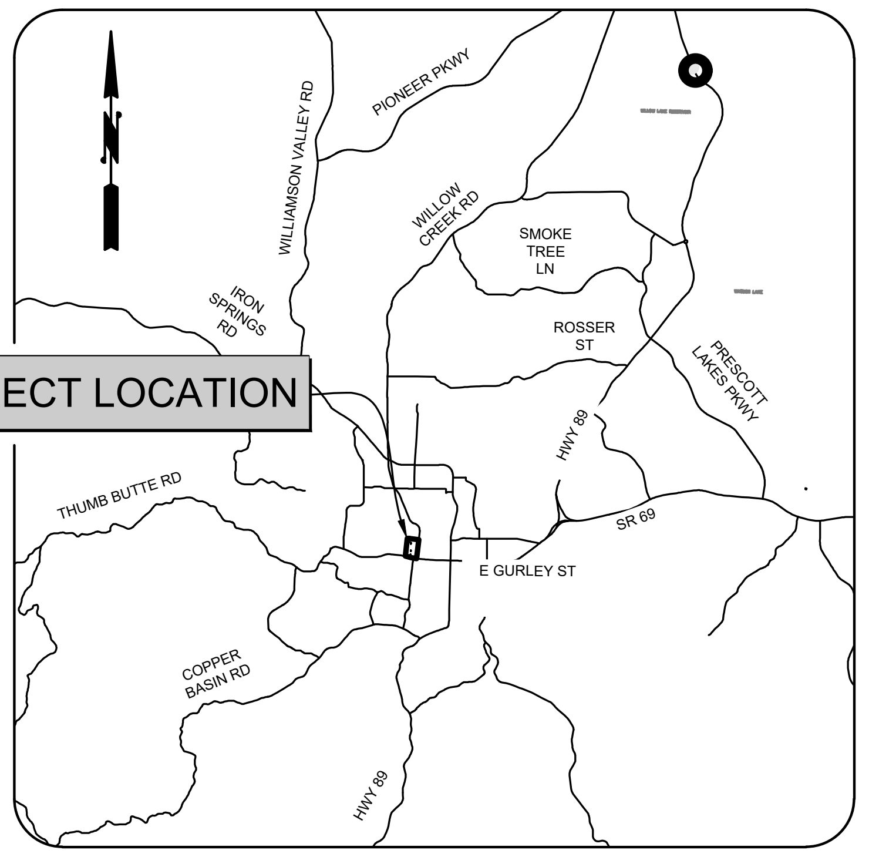
CITY OF PRESCOTT
Everybody's Hometown

PUBLIC WORKS DEPARTMENT
GARDEN ST AND WESTERN AVE
SANITARY SEWER AND ROADWAY IMPROVEMENTS
CIP# 2302-001



VICINITY MAP
NOT TO SCALE

MAYOR
PHIL GOODE

CITY COUNCIL
BRANDON MONTOYA
STEVE SISCHKA
CATHEY RUSING
CLARK TENNEY
ERIC MOORE
CONNIE CANTELME

UTILITY INFORMATION

COMPANY	CONTACT	TELEPHONE
ARIZONA PUBLIC SERVICE CO. 6672 CORSAIR PRESCOTT, ARIZONA 86301	SHERYL McCRACKEN	(928)443-6621
CENTURYLINK 1445 MASONRY WAY PRESCOTT, ARIZONA 86301	DELL HOWARD	(928)649-9318
UNISOURCE GAS CO. 6405 WILKINSON DRIVE PRESCOTT, ARIZONA 86301	MALI ROSS	(928)771-7227
SPARKLIGHT 3201 TOWER ROAD PRESCOTT, ARIZONA 86305	DOUGLAS HAMILTON	(928)713-8382
CITY OF PRESCOTT UTILITIES 433 N VIRGINIA STREET PRESCOTT, ARIZONA 86301	STEVE OLFERS	(928)777-1607

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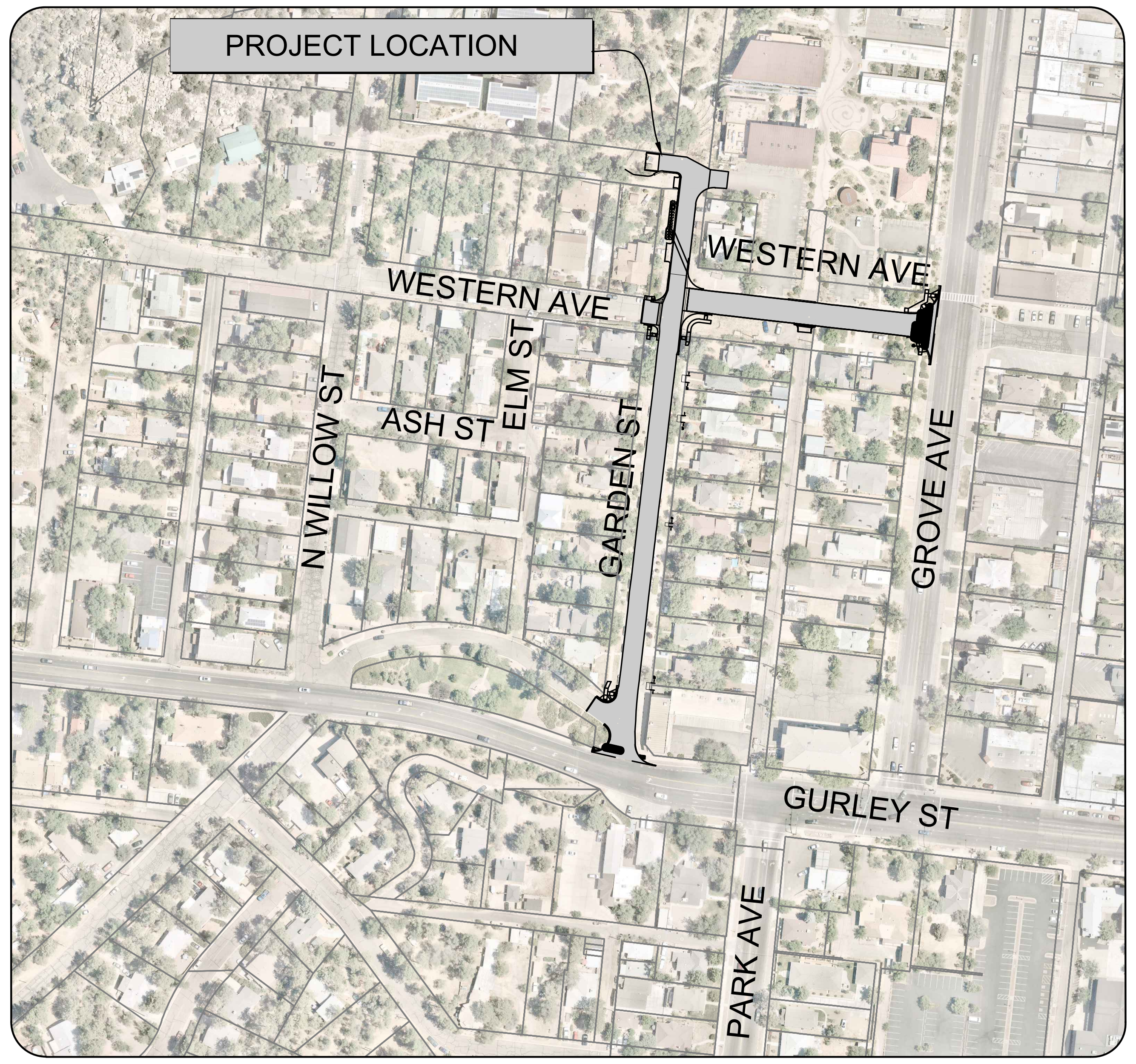

CITY OF PRESCOTT PERMIT
Permit #: ____________________
Address/Project Name: ____________

This set of plans has been reviewed for construction. A 'City of Prescott' stamped paper copy of all plans, corresponding permit, supplemental documents, trusses, and reports must be kept at the construction site, during working hours and made available for inspection(s). Field revisions and/or revisions to plans may require additional plan review. Plan acceptance and release for construction shall not prevent correction of errors in the plans where such errors are subsequently found to be in violation of any law or of any ordinance.

This acceptance and release for construction, does not relieve applicant from code compliance to obtain applicable Extension Agreements, Warranties, Certificate of Occupancy, Certificate of Completion, or Final on permitted project. Final Release is contingent upon favorable field Inspections under current City of Prescott's adopted City Code, LDC, GES, IBC, IRC, IFC, IFGC, IPC, IMC, ADA, NEC, and other applicable codes or standards.

PLANS REVIEWED FOR CODE COMPLIANCE,
ACCEPTED AND RELEASED FOR CONSTRUCTION
Plans valid upon one or more authorized signature(s) below:

PLANNING AND ZONING ____________________
BUILDING ____________________
FIRE ____________________
PUBLIC WORKS ____________________
OTHER ____________________

SHEET INDEX

Sheet	Sheet Title
1	COVER SHEET
2	LEGEND
3	CONSTRUCTION KEY NOTES
4-5	GENERAL NOTES
6	EROSION & SEDIMENT CONTROL PLAN
7	TYPICAL PAVEMENT SECTIONS & DETAILS
8	SURVEY CONTOROL PLAN & OVERALL SUMMARY PLAN
9	GARDEN STREET - STA 100+00 - END STA EXISTING CONDITIONS & REMOVAL
10	WESTERN AVE EXISTINGCONDITIONS & REMOVALS
11	GARDEN STREET - STA 100+00 - STA 104+00 PROPOSED IMPROVEMENTS PLAN & PROFILE
12	GARDEN STREET - STA 104+00 - END STA PROPOSED IMPROVEMENTS PLAN & PROFILE
13	WESTERN AVE PROPOSED IMPROVEMENTS PLAN & PROFILE
14	GARDEN STREET DETAILED GRADING STA 106+00 -STA 107+00
15	GARDEN STREET DETAILED GRADING STA 107+00 - END STA
16-18	DETAILS

RECORD DRAWING CERTIFICATION

I HEREBY CERTIFY, TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF, THAT THIS PROJECT HAS BEEN COMPLETED IN SUBSTANTIAL CONFORMANCE WITH THE APPROVED PLANS, SPECIFICATIONS AND REFERENCED STANDARDS, EXCEPT AS SHOWN HEREON; THAT THESE AS-BUILT PLANS REFLECT THE POSITION OF CONSTRUCTED IMPROVEMENTS BASED ON FIELD MEASUREMENTS; AND THAT THE MATERIALS USED IN CONSTRUCTION ARE AS SHOWN BASED ON FIELD OBSERVATION AND TEST RESULTS.

THIS CERTIFICATION DOES NOT WARRANT MATERIALS, WORKMANSHIP, METHODS OF CONSTRUCTION, OR OTHER ITEMS AFFECTING THE WARRANTY OF THIS PROJECT, TO THE CITY OF PRESCOTT. USERS OF THIS INFORMATION ARE ADVISED TO OBTAIN INDEPENDENT VERIFICATION OF ACTUAL CONDITIONS.

____
REGISTERED PROFESSIONAL ENGINEER (CIVIL) DATE

CITY OF PRESCOTT DATUM - NGS 5346
IN PRESCOTT YAVAPAI COUNTY, COUNTY COURTHOUSE GROUNDS AT THE BUCKY O'NEIL STATUE IN THE REAR CONCRETE BASE; A USGS STANDARD CAP STAMPED '5346 PRSCT' AND RIVETED ON THE TOP OF A 3.5 IRON PIPE
ELEVATION = 5357.359 NAVD 88

CITY OF PRESCOTT SURVEY DATUM REQUIREMENTS

COORDINATE UNITS: INTERNATIONAL FEET
DISTANCE UNITS: INTERNATIONAL FEET
HEIGHT UNITS: INTERNATIONAL FEET

DATUM

GEODETIC (HORIZONTAL) DATUM:
NORTH AMERICAN DATUM OF 1983 (1992), NAD83 (1992)

COORDINATE SYSTEM:
ARIZONA COORDINATE SYSTEM (STATE PLANE)

ZONE: CENTRAL (0202)

VERTICAL DATUM:
NORTH AMERICAN VERTICAL DATUM OF 1988, (NAVD88)

GEOID MODEL: GEOID99 (CONUS)

CITY OF PRESCOTT COORDINATE SYSTEM (COPCS) CONVERSION FROM STATE PLANE

COPCS NORTHING =
(STATE PLANE NORTHING X 1.000329975) - 701,456.0090

COPCS EASTING:
(STATE PLANE EASTING X 1.000329975) + 69,457.2499

STATE PLANE - CONVERSION FROM CITY OF PRESCOTT COORDINATE SYSTEM (COPCS)

STATE PLANE NORTHING =
(COPCS NORTHING + 701,456.0090) X 0.999670134

STATE PLANE EASTING =
(COPCS EASTING - 69,457.2499) X 0.999670134

CITY SURVEYOR

MARVIN G. LOVLEIN
ARIZONA LICENSE NUMBER 72012

BASIS OF BEARING

N88°59'14" W, 823.86 FEET BETWEEN CENTERLINE MONUMENTS LOCATED BETWEEN S PLEASANT ST AND S MARINA ST ON E GOODWIN ST

CONSTRUCTION NOTES

STATION AND OFFSETS ARE BASED ON ALIGNMENT LOCATED AT EXISTING BACK OF CURB. REFER TO SURVEY CONTROL PLAN FOR REFERENCE TO CENTERLINE MONUMENTS.

NORTH
0 500 1000Ft
DRAWING SCALE
1"=1000 ft Horizontal
(this scale is valid for 22"x34" sheets only)

GARDEN ST AND WESTERN AVENUE
SANITARY SEWER AND ROADWAY IMPROVEMENTS

DATE 06/7/2023
SHEET NO. 1 OF 18

CITY OF PRESCOTT PUBLIC WORKS
COVER SHEET

CITY OF PRESCOTT
Everybody's Hometown
PREPARED BY JAM
CHECKED BY JL/BB
FOR: COP

Registered Professional Engineer (Civil)
CERTIFICATE NO. 43830
IAN M. MATTINGLY
Date Signed 06/07/2023
ARIZONA, U.S.A.

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ARIZONA 811
Arizona Blue Stake, Inc.
Dial 8-1-1 or 1-800-STAKE-IT (782-5348)

NO.	BY	DATE	REVISIONS	APPRV	DATE

ENGINEER CITY
REVIEW:
CIP# 2302-001

FILE NAME&PATH: K:\ENGINEERING\PROJECTS\FY23\FY22-CIP SUNDOG TRUNK MAIN PHASE C2\CADD\SHEETS\001 CIP COVER.DWG

LEGEND

SURVEY LINETYPES

EXIST	PROP	DESCRIPTION
━━━━━	━━━━━	SUBDIVISION BOUNDARY
——— ———	——— ———	RIGHT OF WAY
————————	————————	PARCEL
——— ———	——— ———	SETBACKS
— — — —	— — — —	EASEMENTS
——— – ———	——— – ———	CENTERLINES

FEATURE LINETYPES

EXIST	PROP	DESCRIPTION
= = = = = =	═════	6" SINGLE CURB
= = = = = = - - - - - -	═════ ━━━━━	6" VERTICAL CURB & GUTTER
— — — —	━━━━━	EDGE OF PAVEMENT
- - - - - -	—————	CONCRETE
- - - - - -	—————	GRAVEL
— — — —	— — — —	SHOULDER
- - - - - -	– – – – – –	SAWCUT
—△—△—△—△—	—△—△—△—△—	GAURDRAIL
——x——x——	——x——x——	FENCE, BARBED
—o——o——o—	—o——o——o—	FENCE, CHAINLINK
——□——□——	——□——□——	FENCE, WOOD
—F——F——	—F——F——	FILL CATCH LINE
—C——C——	—C——C——	CUT CATCH LINE
- - - - - 5555 - - - - -	———— 5555 ————	MAJOR CONTOUR
- - - - - 5554 - - - - -	———— 5554 ————	MINOR CONTOUR
—————	━━━━━	BUILDING
▭▭▭▭	▬▬▬▬	STORM DRAIN PIPE or CULVERT

UTILITY LINETYPES

EXIST	PROP	DESCRIPTION
— —W— — —W— —	——W———W——	WATER LINE, SIZE NOT INDICATED
— —4W— — —4W— —	——4W———4W——	WATER LINE, 4" DIA
— —6W— — —6W— —	——6W———6W——	WATER LINE, 6" DIA
— —8W— — —8W— —	——8W———8W——	WATER LINE, 8" DIA
— —10W— — —10W— —	——10W———10W——	WATER LINE, 10" DIA
— —12W— — —12W— —	——12W———12W——	WATER LINE, 12" DIA
— —18W— — —18W— —	——18W———18W——	WATER LINE, 18" DIA
— —24W— — —24W— —	——24W———24W——	WATER LINE, 24" DIA
— —IRR— — —IRR— —	——IRR———IRR——	IRRIGATION LINE
— —S— — —S— —	——S———S——	SEWER LINE, SIZE NOT INDICATED
— —4S— — —4S— —	——S———S——	SEWER LINE, 4" DIA.
— —6S— — —6S— —	——S———S——	SEWER LINE, 6" DIA.
— —8S— — —8S— —	——S———S——	SEWER LINE, 8" DIA.
— —10S— — —10S— —	——S———S——	SEWER LINE, 10" DIA.
— —12S— — —12S— —	——S———S——	SEWER LINE, 12" DIA.
— —18S— — —18S— —	——S———S——	SEWER LINE, 18" DIA.
— —24S— — —24S— —	——S———S——	SEWER LINE, 24" DIA.
— —OH— — —OH— —	——OH———OH——	OVERHEAD UTILITY LINE
— —E— — —E— —	——E———E——	ELECTRIC LINE, UNDERGROUND
— —CTV— — —CTV— —	——CTV———CTV——	CABLE TELEVISION LINE, UNDERGROUND
— —TEL— — —TEL— —	——TEL———TEL——	TELEPHONE LINE, UNDERGROUND
— —ECT— — —ECT— —	——ECT———ECT——	ELECTRIC, CABLE, TELEPHONE COMMON TRENCH, UNDERGROUND
— —GAS— — —GAS— —	——GAS———GAS——	GAS LINE, UNDERGROUND
— —FO— — —FO— —	——FO———FO——	FIBER OPTIC LINE, UNDERGROUND

WATER SYMBOLS AND LINETYPES

EXIST	PROP	DESCRIPTION
○	●	FIRE HYDRANT
▯ W	▯ W	WATER METER
⊙	⊙	BLOW-OFF
⋈	⊗	WATER VALVE
△	△	THRUST BLOCK
╪	╪	CROSS
╤	╤	TEE
△	△	REDUCER
⊓	⊓	CAP / PLUG

DRAINAGE SYMBOLS

EXIST	PROP	DESCRIPTION
ST	ST	STORM MANHOLE
▦	▦	STORM CATCH BASIN
⊡	⊡	CURB INLET
⊡ ▥	⊡ ▥	COMBINATION CURB INLET
⬡	⬡	RIP RAP

HATCH PATTERNS

EXIST	PROP	DESCRIPTION
⋎ ⋎ ⋎	⋎ ⋎ ⋎	GRASS
⬡	⬡	RIP RAP
⁘	⁘	CONCRETE
▒	▓	ASPHALT
▨	▨	BUILDINGS
∘∘∘	∘∘∘	TRUNCATED DOMES (DETECTABLE WARNING)

SURVEY SYMBOLS

✦	SECTION CORNER MONUMENT
▶○◀	SECTION QUARTER CORNER MONUMENT
▣	BRASS CAP
◉	FOUND MONUMENT AS NOTED
△	CONTROL POINT
△	AERIAL PANEL
⟋	OWNERSHIP TIE

SEWER SYMBOLS

EXIST	PROP	DESCRIPTION
S	S	SANITARY SEWER MANHOLE
Co	Co	SANITARY SEWER CLEAN OUT
∞	∞	2-WAY BUILDING CLEAN OUT

DRY UTILITY SYMBOLS

EXIST	PROP	DESCRIPTION
-○-	-○-	UTILITY POLE
E	E	ELECTRICAL TRANSFORMER, SWITCHING CABINET, PULL BOX, OR VAULT
Ⓔ	Ⓔ	ELECTRICAL SERVICE METER
⟵	⟵	DOWN GUY (ANCHOR)
Ⓒ	Ⓒ	CABLE TV PEDESTAL
Ⓣ	Ⓣ	TELEPHONE PEDESTAL
T	T	TELEPHONE VAULT
Ⓣ	Ⓣ	TELEPHONE MANHOLE
Ⓖ	Ⓖ	GAS METER
⋈	⋈	GAS VALVE

SURFACE/LANDSCAPING SYMBOLS

EXIST	PROP	DESCRIPTION
⊥	⊥	SIGN
□	□	POST
○	○	BOLLARD
⎾	⎾	MAIL BOX
⊘	⊘	BORE LOCATION
✺	✺	CONIFER TREE
❋	❋	DECIDUOUS TREE
✲	✲	DECIDUOUS SHRUB
✹	✹	EVERGREEN SHRUB
○—☒	○—☒	STREET LIGHT
☒	☒	YARD LIGHT

NOTE BUBBLES

(#)	KEYNOTE SYMBOL
[#]	KEYNOTE SYMBOL
(#)	KEYNOTE SYMBOL
[#]	KEYNOTE SYMBOL
△#	KEYNOTE SYMBOL
⬡#	KEYNOTE SYMBOL
◇#	KEYNOTE SYMBOL

EXIST	PROP	DESCRIPTION
⌂	⌂	MANHOLE PROFILE VIEW
▯	▯	CATCH BASIN PROFILE VIEW
⟍	⟍	CLEAN OUT PROFILE VIEW

PROFILE LINETYPES

—————	MAJOR GRID
··········	MINOR GRID
— — — —	EXISTING GRADE
━━━━━	PROPOSED GRADE
═════	EXISTING WATER, SANITARY SEWER, OR STORM SEWER
━━━━━ ━━━━━	PROPOSED WATER, SANITARY SEWER, OR STORM SEWER
0	EXISTING DRY UTILITIES (CROSSINGS ONLY)
0	PROPOSED DRY UTILITIES (CROSSINGS ONLY)

ABBREVIATIONS

&	AND
@	AT
℄, CL	CENTERLINE
P̲L̲, PL	PROPERTY LINE
%	PERCENT
#	NUMBER
A.B.	AS BUILT
AC.	ACRE
A/C	ASPHALTIC CONCRETE
AGGR.	AGGREGATE
ALT.	ALTERNATE
AP	ANGLE POINT
APPROX.	APPROXIMATELY
ASPH.	ASPHALT
B&B	BALLED AND BUR LAPPED
B.C.	BOTTOM OF CURB
BIT.	BITUMINOUS, BITUMEN
B.O.C.	BACK OF CURB
BOP	BEGINNING OF PROJECT
BOT.	BOTTOM
B.S.	BOTTOM OF SLOPE
C&G	CURB & GUTTER
CAL.	CALIPER
C.B.	CATCH BASIN
C.F.	CUBIC FEET
C.J.	CONTROL JOINT
CLR.	CLEAR
CMP	CORRUGATED METAL PIPE
CMU	CONCRETE MASONRY UNIT
CONC.	CONCRETE
CONST.	CONSTRUCTION
CONT.	CONTINUOUS
COORD.	COORDINATE
C.Y.	CUBIC YARDS
DET.	DETAIL
D.I.	DRAIN INLET
DIA.	DIAMETER
D.I.P.	DUCTILE IRON PIPE
DWG.	DRAWING
E	EAST
EA.	EACH
E.J.	EXPANSION JOINT
EL.	ELEVATION
EOP	END OF PROJECT
EP	EDGE OF PAVEMENT
EQ.	EQUAL
EX., EXIST.	EXISTING
EXP.	EXPOSED
FF.	FINISH FLOOR
F.G.	FINISHED GRADE
F.H.	FIRE HYDRANT
FIN.	FINISH
FO	FIBEROPTIC
FIPT	FEMALE IRON PIPE THREAD
F.O.C.	FACE OF CURB
FT.	FOOT OR FEET
FTG.	FOOTING
GA.	GAUGE
GAL.	GALLON
GALV.	GALVANIZED
H.B.	HOSE BIB
H/C, H.C.	HANDICAP
HDR.	HEADER
HORIZ.	HORIZONTAL
H.P.	HIGH POINT
HT.	HEIGHT
I.D.	INSIDE DIAMETER
I.E.	INVERT ELEVATION
IN.	INCHES
INT	INTERCONNECT
JT.	JOINT
L.A.	LANDSCAPE ARCHITECT
L.F.	LINEAR FEET
L.P.	LOW POINT, LIGHT POLE
LT.	LIGHT
LHT	LIGHTING
MAX.	MAXIMUM
MB	MAILBOX
MED.	MEDIUM
MEMB.	MEMBRANE
MET.	METAL
MFR.	MANUFACTURER
MH.	MANHOLE
MIN.	MINIMUM
MIPT	MALE IRON PIPE THREAD
MISC.	MISCELLANEOUS
N	NORTH
N.I.C.	NOT IN CONTRACT
NO.	NUMBER
N.T.S.	NOT TO SCALE
O.C.	ON CENTER
O.D.	OUTSIDE DIAMETER
OPP.	OPPOSITE
P	PARKING
P.A.	PLANTING AREA
PAT.	PATTERN
P.C.	POINT OF CURVATURE
P.O.B.	POINT OF BEGINNING
P.O.C.	POINT OF CONNECTION
P.S.	PIPE SLEEVE
P.T.	POINT OF TANGENCY
PUD	POWER
P.V.C.	POLYVINYL CHLORIDE PIPE
R	RISER
R, RAD.	RADIUS
RIM	RIM ELEVATION
REINF.	REINFORCED, REINFORCING
REQD.	REQUIRED
R.O.W., R/W	RIGHT OF WAY
S	SOUTH
SS	SANITARY SEWER
S.F.	SQUARE FEET
SHT.	SHEET
SLV.	SLEEVE
SPA.	SPACES
SPECS.	SPECIFICATIONS
SQ.	SQUARE
STL.	STEEL
STM	STORM SEWER
T	TREAD
T.C., TC	TOP OF CURB
T.J.	TOOLED JOINT
T.S.	TOP OF SLOPE
T.W.	TOP OF WALL
TEL	TELEPHONE
TV	CABLE TELEVISION
TS	TRAFFIC SIGNAL CONDUIT
TSFO	TRAFFIC SIGNAL CONDUIT FIBEROPTIC
VERT.	VERTICAL
W	WEST, WATER
W/	WITH
W/O	WITHOUT
WPF.	WATERPROOF
W.W.M.	WELDED WIRE MESH

FILE NAME&PATH: K:\ENGINEERING\PROJECTS\FY23\FY22-CIP SUNDOG TRUNK MAIN PHASE C2\CADD\SHEETS\002 CIP LEGEND.DWG

GARDEN ST AND WESTERN AVENUE
SANITARY SEWER AND ROADWAY IMPROVEMENTS

DRAWING SCALE
NOT TO SCALE

DATE 06/7/2023
SHEET NO. 2 OF 18

CITY OF PRESCOTT PUBLIC WORKS

LEGEND

CITY OF PRESCOTT
Everybody's Hometown

PREPARED BY	CHECKED BY	FOR:
JAM	JL/BB	COP

Registered Professional Engineer (Civil)
CERTIFICATE NO. 43830
IAN M. MATTINGLY
Date Signed 06/07/2023
ARIZONA, U.S.A.

Call at least two full working days before you begin excavation.
ARIZONA811
Arizona Blue Stake, Inc.
Dial 8-1-1 or 1-800-STAKE-IT (782-5348)

NO.	BY	DATE	REVISIONS	APPRV	DATE
	ENGINEER			CITY	

REVIEW:

CIP# 2302-001

CONSTRUCTION KEY NOTES

PROTECT IN PLACE/REMOVALS

1 PROTECT ALL CONCRETE CURBS IN PLACE UNLESS OTHERWISE NOTED ON PLANS.

2 TRIM / REMOVE TREE

3 PROTECT IN PLACE

FIRE HYDRANT	STORM STRUC.
WM WATERMETER	VALLEY GUTTER
BOV BLOW-OFF VALVE	GAS
⊗ WATER VALVE	Ⓢ SSMH
STORM CULVERT	⊙ SURVEY MARKER
SIGN	GUARDRAIL

DEMOLITION NOTES

4 LIMITS OF CLEARING & GRUBBING AS DETERMINED DURING CONSTRUCTION.

5 SAWCUT ASPHALT PAVEMENT

6 REMOVE ASPHALT PAVEMENT

7 REMOVE CURB AND GUTTER TO NEAREST JOINT

8 REMOVE CONCRETE SIDEWALK TO NEAREST JOINT

9 REMOVE CONCRETE SPANDREL AND CROSS-GUTTER

10 LOCATE EXIST. 6" SS. CONTRACTOR SHALL PROVIDE TEMPORARY BY-PASS PUMPING OF EXISTING FLOWS IN ACCORDANCE WITH SUPPLEMENT TO THE MARICOPA ASSOCIATION OF GOVERNMENT (MAG) UNIFORM STD SPECS & DETAILS FOR PUBLIC WORKS CONSTRUCTION, 200.2 BYPASS PUMPING. BY-PASS PUMPING TO REMAIN UNTIL PROPOSED SANITARY SEWER IS FULLY OPERATIONAL.

11 AFTER TEMPORARY BY-PASS IS IN PLACE (KEY NOTE 10) CONTRACTOR SHALL CUT 6" PVC SS & PLUG WITH WATERPROOF GROUT AND REMOVE ±5' PVC SS

12 AFTER TEMPORARY BY-PASS IS IN PLACE (KEY NOTE 10) CONTRACTOR SHALL REMOVE EX SSMH.

13 REMOVE ABANDONED SS. END OF PIPE UNKNOWN

14 REMOVE GUARDRAIL

15 CUT

LOCATION OF POT HOLE

IMPROVEMENTS

→ PROPOSED FLOW PATTERN

① MILL & FILL LIMITS

② MILL EXISTING ASPHALT CONCRETE, & PLACE NEW ASPHALT CONCRETE, DEPTH (D) SPECIFIED & IN ACCORDANCE WITH PAVEMENT TYPICAL SECTION(S) & DETAIL B-1: SINGLE PAVEMENT LIFT, SHEET 4 IN ACCORDANCE WITH QCSD 200Q-1.

③ UNSUITABLE SUBGRADE REPLACEMENT AS DIRECTED IN THE FIELD. MATCH EXISTING PAVEMENT STRUCTURAL SECTION OR 4" MIN. AC TO BE INSTALLED IN TWO LIFTS OVER 8" MIN ABC COMPACTED TO 95% OF STANDARD PROCTOR DENSITY, WHICHEVER IS GREATER AND IN ACCORDANCE WITH DETAIL B-2: UNSUITABLE SUBGRADE REPLACEMENT

④ SURVEY MONUMENTS SHALL BVE LOCATED BY AN ARIZONA LAND SURVEYOR PRIOR TO CONSTRUCTION AND ADJUSTED PER QCSD 270Q. IF DETERMINED THAT THE SURVEY MONUMENT CANNOT BE ADJUSTED, THE MONUMENT SHALL BE REPLACED PER QCSD 120Q, TYPE 'A'.

⑤ CONSTRUCT CONCRETE SIDEWALK IN ACCORDANCE WITH QCSD 230Q

⑥ CONSTRUCT CURB & GUTTER TO NEAREST JOINT IN ACCORDANCE WITH QCSD 220Q-1, TYPE 'A'

⑦ CONSTRUCT 4" ROLL CURB AND GUTTER, IN ACCORDANCE WITH QCSD 220Q-2, TYPE 'C'.

⑧ CURB TERMINATION IN ACCORDANCE WITH QCSD 222Q

⑨ CONSTRUCT DIRECTIONAL SIDEWALK RAMPS IN ACCORDANCE WITH QCSD 232Q

⑩ CONSTRUCT CURB MODIFICATION WITH DETECTABLE WARNING IN ACCORDANCE WITH MAG STD DETAIL 234.

⑪ MODIFIED PCC CURB RAMP REPLACEMENT IN ACCORDANCE WITH QCSD 235P

⑫ 6' VALLEY GUTTER AND SPANDRELS IN ACCORDANCE WITH QCSD 240Q-1

(12A) 4.5' WIDE MODIFIED 6' VALLEY GUTTER AND SPANDRELS IN ACCORDANCE WITH QCSD 240Q-1

⑬ RETURN TYPE DRIVEWAY IN ACCORDANCE WITH QCSD 251Q.

⑭ DOUBLE WIDE BIN ENCLOSURE IN ACCORDANCE WITH MODIFIED QCSD 701P-1

⑮ CONSTRUCT CATCH BASIN TYPE 'F' (FOR USE WITHOUT CURB) IN ACCORDANCE WITH MAG STD 535. OVER EXISTING 16" CMP.
RIM=5355.50
US INV=5352.72
DS INV=5344.82

⑯ CONSTRUCT BASIN PER DETAIL, SHEET 16 TO CAPTURE FIRST FLUSH

⑰ CHANNEL PER DETAIL, SHEET 16

⑱ INSTALL FRACTURED FACE GROUTED RIP RAP (D50)=9", 18" DEEP

⑲ FILL

⑳ CURB AND GUTTER TRANSITION TYPE 'A' TO TYPE 'C' IN ACCORDANCE WITH QCSD 221Q

㉑ MODIFIED CURB CUT TYPE 1 IN ACCORDANCE WITH MAG STD DETAIL 226-1, WIDTH PER PLAN.

±MG	MATCH GRADE
P XX.XX ●	PROPOSED PAVEMENT GRADE
TC XX.XX	PROPOSED TOP OF CURB GRADE
FL XX.XX	PROPOSED FLOW LINE GRADE
SW XX.XX	PROPOSED SIDEWALK GRADE
NOTE:	PROPOSED GRADE(S) MAY BE TRUNCATED. ADD 5300 TO ANY GRADES THAT HAVE BEEN TRUNCATED TO XX.XX

X
XX
SECTION
SHEET NUMBER

UTILITIES

S1 LOCATE & CONNECT TO EXIST. 6" SS WITH MAX ADAPTER. CONTRACTOR SHALL VERIFY HORIZONTAL & VERTICAL LOCATION PRIOR TO ORDERING MATERIALS AND/OR COMMENCING CONSTRUCTION.

S2 FURNISH & INSTALL 8" SDR-35 PVC. LENGTH & SLOPE PER PLAN. TRENCH EXCAVATION & BACKFILL PER MAG SPEC 601 AND QCSD 200Q-1.

S3 FURNISH & INSTALL PRECAST CONCRETE SEWER BEAVER SLIDE MANHOLE PER QCSD 426Q-2 WITH 24" FRAME & COVER PER QCSD 423P-1.

S4 FURNISH & INSTALL SEWER MAIN CLEANOUT PER QCSD 441Q WITH 8" FRAME & COVER PER QCSD 270Q.
RIM TO MATCH EXISTING GRADE. CONNECT TO EXISTING PIPE WITH MAX ADAPTOR. EXTEND 3' LF OF PVC FROM CLEANOUT, 4' (MIN) OF COVER, THEN SWEEP TO THE EXIST 6" SS. INVERT TO MATCH EXISTING 6" SS.

S5 FURNISH & INSTALL PRECAST CONCRETE SEWER MANHOLE PER QCSD 420Q-1 WITH 24" FRAME & COVER PER QCSD 423P-1.

S6 LOWER MANHOLE FRAME AND COVER PRIOR TO MILL & FILL. RAISE MANHOLE FRAME AND COVER IN ACCORDANCE WITH QCSD 422Q ONCE FINAL PAVEMENT SURFACE IS ACCEPTED BY CITY.

W1 LOWER VALVE BOX PRIOR TO MILL & FILL. RAISE VALVE BOX IN ACCORDANCE WITH QCSD 391Q ONCE FINAL PAVEMENT SURFACE IS ACCEPTED BY CITY.

W2 EXTEND 6" DIP ±15' AND RELOCATE EXISTING FIRE HYDRANT

PAVEMENT STRIPING

ALL PERMANENT PAVEMENT MARKINGS SHALL REQUIRE TWO (2) COATS. THE FIRST COAT SHALL BE PLACED WITHIN 24 HOURS OF THE FINISHED SURFACE. THE SECOND COAT SHALL BE PLACED WITHIN 14 DAYS OF THE FINISHED SURFACE.

STANDARD CROSSWALK MARKINGS PER QCSD 631Q

10 STOP MARKINGS PER QCSD 632Q

15

GARDEN ST AND WESTERN AVENUE
SANITARY SEWER AND ROADWAY IMPROVEMENTS

DRAWING SCALE
NOT TO SCALE

DATE 06/7/2023
SHEET NO. 3 OF 18

CITY OF PRESCOTT PUBLIC WORKS

CONSTRUCTION KEY NOTES

CITY OF PRESCOTT
Everybody's Hometown

PREPARED BY JAM
CHECKED BY JL/BB
FOR: COP

Registered Professional Engineer (Civil)
CERTIFICATE NO. 43830
IAN M. MATTINGLY
Date Signed
ARIZONA, U.S.A.

Call at least two full working days before you begin excavation.
ARIZONA811
Arizona Blue Stake, Inc.
Dial 8-1-1 or 1-800-STAKE-IT (782-5348)

NO.	BY	DATE	REVISIONS	APPRV/ DATE
	ENGINEER			CITY

CIP# 2302-001
REVIEW:

FILE NAME&PATH: K:\ENGINEERING\PROJECTS\FY23\FY22-CIP SUNDOG TRUNK MAIN PHASE C2\CADD\SHEETS\002 CIP LEGEND.DWG

1. ALL CONSTRUCTION SHALL CONFORM TO MARICOPA ASSOCIATION OF GOVERNMENTS (MAG), & CITY OF PRESCOTT (COP) SUPPLEMENT TO MAG, (LATEST REVISIONS), UNLESS SPECIFICALLY APPROVED BY THE CITY AND MODIFIED ON THE PLANS.

2. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN COPIES OF MAG AND CITY OF PRESCOTT SUPPLEMENT, AS WELL AS ALL OTHER STANDARDS AND SPECIFICATIONS NECESSARY TO COMPLETELY AND ACCURATELY INTERPRET THESE PLANS.

3. ALL PLANS SIGNED BY THE CITY ENGINEER ARE NULL AND VOID ONE YEAR FROM DATE OF SIGNATURE IF CONSTRUCTION HAS NOT STARTED. RESUBMITTAL AND REVIEW SHALL BE REQUIRED, AFTER ONE YEAR OF INACTIVITY.

4. ALL QUANTITIES SHOWN ON THE PLANS HAVE NOT BEEN VERIFIED BY THE CITY. THE CONTRACTOR SHALL VERIFY ALL QUANTITIES AND MAKE HIS BID BASED UPON THOSE VERIFICATIONS. IF A QUANTITY OR ITEM OF WORK DISCREPANCY IS FOUND, THE CONTRACTOR SHALL NOTIFY THE CITY IMMEDIATELY. THE CONTRACTOR SHALL NOT BE RELIEVED OF HIS RESPONSIBILITY FOR INDEPENDENTLY ESTIMATING WORK QUANTITIES PRIOR TO BIDDING.

5. THE CONTRACTOR SHALL PROVIDE SUFFICIENT MEN, EQUIPMENT, & MATERIAL ON THE JOB AT ALL TIMES DURING CONSTRUCTION TO COMPLY WITH CONTRACT DOCUMENTS & TO COMPLETE THE WORK IN ACCORDANCE WITH CONTRACT LIMITS.

6. CITY OF PRESCOTT PUBLIC WORKS DEPARTMENT PERMIT(S) WILL BE REQUIRED FOR ALL CONSTRUCTION WITHIN THE PUBLIC RIGHT OF WAY AND OFF-SITE CONSTRUCTION.

7. IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN, AT HIS OWN EXPENSE, SUCH PERMITS AS ARE REQUIRED FROM THE APPROPRIATE AGENCIES.

8. CONTRACTOR SHALL NOTIFY CITY ENGINEER AT LEAST 72 HOURS (3 WORKING DAYS) PRIOR TO START OF CONSTRUCTION TO SCHEDULE CONSTRUCTION INSPECTION. PRIVATE DEVELOPMENTS SHALL PROVIDE FOR INDEPENDENT 3RD PARTY INSPECTIONS. 3RD PARTY INSPECTIONS SHALL NOTIFY CITY ENGINEER AT LEAST 48 HOURS (2 WORKING DAYS) PRIOR TO START OF CONSTRUCTION.

9. ANY WORK PERFORMED WITHOUT THE KNOWLEDGE AND APPROVAL OF THE PUBLIC WORKS DIRECTOR OR HIS REPRESENTATIVE AND/OR ALL WORK MATERIALS NOT IN CONFORMATION WITH THE PLANS AND SPECIFICATIONS IS SUBJECT TO REMOVAL AND REPLACEMENT AT THE CONTRACTOR'S SOLE EXPENSE.

10. A THOROUGH ATTEMPT HAS BEEN MADE TO SHOW THE LOCATION OF ALL UNDERGROUND OBSTRUCTIONS AND UTILITY LINES IN THE WORK AREA. THE ENGINEER AND THE CITY OF PRESCOTT DO NOT GUARANTEE THE EXACT LOCATIONS OR ELEVATIONS OF ANY EXISTING UNDERGROUND UTILITIES SHOWN ON THESE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE AND SHALL NOT BE RELIEVED OF RESPONSIBILITY FOR MAKING A COMPLETE AND ACCURATE ON-SITE DETERMINATION OF THE LOCATIONS, MATERIAL, AND SIZE OF ALL UTILITIES, STRUCTURES, AND FIELD CONDITIONS WHICH MAY AFFECT THE PROGRESS OF THE WORK. THE CONTRACTOR SHALL FIELD EXPOSE EXISTING UNDERGROUND UTILITIES PRIOR TO TRENCHING IN THEIR VICINITY AND WILL BE RESPONSIBLE FOR ANY DAMAGE TO STRUCTURES AND UTILITIES ENCOUNTERED DURING CONSTRUCTION.

11. THE CONTRACTOR IS REQUIRED TO CONTACT ARIZONA 811 (1-800-STAKEIT) A MINIMUM OF TWO WORKING DAYS (48) HOURS PRIOR TO COMMENCEMENT OF CONSTRUCTION. THE APPROPRIATE UTILITY COMPANIES SHALL BE NOTIFIED BY THE CONTRACTOR PRIOR TO ANY CONSTRUCTION.

12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE RELOCATION AND/OR SUPPORT OF ALL UTILITIES, POWER POLES, ETC., THAT MAY BE NECESSARY TO FACILITATE CONSTRUCTION.

13. CONTRACTOR SHALL BE RESPONSIBLE FOR SUBMITTING AND OBTAINING APPROVAL OF TRAFFIC CONTROL PLANS TO THE PUBLIC WORKS DEPARTMENT PRIOR TO START OF CONSTRUCTION AND SHALL NOT BEGIN ANY CONSTRUCTION WITHIN THE RIGHT-OF-WAY UNTIL THE TRAFFIC CONTROL PLANS HAVE BEEN APPROVED BY THE CITY. THE CONTRACTOR SHALL DETERMINE AND SUBMIT FOR APPROVAL THE EXACT SIGNING/TRAFFIC CONTROL DEVICES NECESSARY AND ALL TRAFFIC CONTROL WORK SHALL BE IN ACCORDANCE WITH THE LATEST REVISIONS THEREOF.

14. NO STREET IS TO BE CLOSED, RESTRICTED, OR CONSTRUCTED UPON UNTIL A TRAFFIC CONTROL PLAN IS PREPARED BY THE CONTRACTOR, SUBMITTED TO THE PUBLIC WORKS DIRECTOR ONE WEEK IN ADVANCE FOR REVIEW AND APPROVAL.

15. APPROPRIATE EMERGENCY AGENCIES SHALL BE NOTIFIED A MINIMUM OF 24 HOURS PRIOR TO ANY CLOSING OF STREETS.

16. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONSTRUCTION SURVEYING AND LAYOUT WITH CONTROL PROVIDED BY THE DESIGN ENGINEER OR HIS DESIGNEE.

17. THE CONTRACTOR IS RESPONSIBLE FOR QUALITY CONTROL MEASURES SUFFICIENT TO PRODUCE MATERIALS AND WORKMANSHIP OF ACCEPTABLE QUALITY. PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL SUBMIT A QUALITY CONTROL PLAN. THE CONTRACTOR AT HIS OWN EXPENSE SHALL PROVIDE AN INDEPENDENT GEOTECHNICAL FIRM TO PERFORM QUALITY CONTROL TESTING SUCH AS SOILS AND CONCRETE TESTING, AND FULL TIME ASPHALTIC CONCRETE LAYDOWN COMPACTION TESTING AND ADEQUATE PLANT CONTROL FOR EACH PAVING DAY. THE CITY, BY SEPARATE CONTRACT, MAY BE RESPONSIBLE FOR QUALITY ASSURANCE TESTING AS IT MAY DEEM NECESSARY.

18. THE CONTRACTOR WILL BE RESPONSIBLE FOR ALL COSTS OF TESTING AND INSPECTION, INCLUDING THE PRESENCE OF CITY INSPECTORS, REQUIRED AT NIGHT OR ON WEEKENDS.

19. ALL WORK & MATERIALS WHICH DO NOT CONFORM TO THE CONTRACT DOCUMENTS ARE SUBJECT TO REMOVAL & REPLACEMENT AT THE CONTRACTOR'S EXPENSE THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL RE-WORK AND/OR REMOVAL AND REPLACEMENT OF ALL MATERIALS REPRESENTED BY FAILING TESTS OR SUBSTANDARD WORKMANSHIP. THE CONTRACTOR SHALL IMPLEMENT BEST-MANAGEMENT PRACTICES, AND EROSION AND SEDIMENT CONTROL MEASURES, TO PREVENT THE TRANSPORT OF CONSTRUCTION MATERIALS INTO DRAINAGE INLETS, STORM DRAIN MANHOLES, UTILITY STRUCTURES, OR ONTO ADJACENT STREETS AND PROPERTIES.

20. APPROVAL OF A PORTION OF THE WORK IN PROGRESS DOES NOT GUARANTEE ITS FINAL ACCEPTANCE. TESTING AND EVALUATION MAY CONTINUE UNTIL THE WRITTEN FINAL ACCEPTANCE OF A COMPLETE AND WORKABLE UNIT.

21. THE CITY OF PRESCOTT MAY SUSPEND THE WORK BY WRITTEN NOTICE WHEN, IN ITS JUDGEMENT, PROGRESS IS UNSATISFACTORY, WORK BEING DONE IS UNAUTHORIZED OR DEFECTIVE, WEATHER CONDITIONS ARE UNSTABLE, OR THERE IS A DANGER TO THE PUBLIC HEALTH AND SAFETY.

22. ALL REVISIONS TO ORIGINAL PLANS MUST BE APPROVED BY THE CITY PRIOR TO CONSTRUCTION. ANY UNAPPROVED REVISIONS ARE SUBJECT TO REMOVAL & REPLACEMENT AT CONTRACTOR'S EXPENSE.

23. ALL OBSTRUCTIONS IN THE RIGHT OF WAY SHALL BE REMOVED BEFORE ANY CONSTRUCTION IS PERMITTED.

QUAD CITY STANDARD DETAIL	GENERAL NOTES	REVISED: 9/10/2021	DETAIL No. 101P-1

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24. REMOVAL OF STRUCTURES AND OBSTRUCTIONS AS NECESSARY TO COMPLETE THE WORK, OTHER THAN SPECIFICALLY SCHEDULED IN THE BID, IS INCIDENTAL TO THE CONTRACT. NO SEPARATE MEASUREMENT OF OR PAYMENT FOR UNSCHEDULED REMOVAL ITEMS WILL BE MADE.

25. THE SITE OF ALL EXCAVATION, EMBANKMENTS, AND FILLS SHALL FIRST BE CLEARED OF STUMPS, TRASH, WEEDS, RUBBISH, TOPSOIL, AND LOOSE BOULDERS WHICH SHALL BE REMOVED AND DISPOSED OF. CLEARING AND GRUBBING IS CONSIDERED INCIDENTAL TO THE WORK UNLESS SPECIFICALLY IDENTIFIED IN THE BID SCHEDULE. NO SEPARATE MEASUREMENT OF OR PAYMENT FOR CLEARING AND GRUBBING, TREE REMOVAL AND OTHER UNSUITABLE SURFACE MATERIALS, WILL BE MADE. PRIOR TO BIDDING THE CONTRACTOR MUST SATISFY HIMSELF REGARDING THE CHARACTER OF THE SUBSOILS TO INCLUDE THE AMOUNT OF LOAM, CLAY, SAND, QUICKSAND, HARDPAN, GRAVEL, ROCK, WATER, AND ALL OTHER MATERIAL TO BE ENCOUNTERED AND WORK TO BE PERFORMED.

26. THE CONTRACTOR SHALL GUARD AGAINST DAMAGE DURING CONSTRUCTION TO EXISTING PROPERTIES AND IMPROVEMENTS. ANY ITEMS DAMAGED BY THE CONTRACTOR'S ACTIVITIES SHALL BE REPLACED IN KIND OR BETTER AT THE CONTRACTOR'S EXPENSE, UNLESS SPECIFICALLY SCHEDULED IN THE BID.

27. THE CONTRACTOR SHALL KEEP SUITABLE EQUIPMENT ON HAND AT THE JOBSITE FOR MAINTENANCE DUST CONTROL, AND SHALL CONTROL DUST AS DIRECTED BY THE APPROPRIATE AGENCY.

28. STREET AND TRAFFIC SIGNS SHALL BE RELOCATED BY THE CONTRACTOR IF NECESSARY, AT THE DIRECTION OF THE PUBLIC WORKS DIRECTOR.

29. BACKFILL COMPACTION SHALL BE TYPE 1 (MAG, SECTION 601) UNLESS OTHERWISE NOTED.

30. AGGREGATE BASE COURSE SHALL NOT BE PLACED ON SUBGRADE UNTIL SUBGRADE REQUIREMENTS HAVE BEEN ACHIEVED.

31. NO PAVING CONSTRUCTION SHALL BE STARTED UNTIL ALL UNDERGROUND UTILITIES WITHIN THE ROADWAY PRISM ARE VERIFIED FOR DETAIL CONFORMANCE, COMPLETED AND TESTED (TO INCLUDE BUT NOT LIMITED TO) SEWER TESTING, LOW AIR TESTING OF MAIN LINE AND SERVICES, TRACE WIRE TESTING, DEFLECTION TESTING AND VERIFICATION OF MANHOLES CONFORMING TO QUAD CITY STANDARD DETAIL 420Q. WATER TESTING CHLORINATION/DISINFECTING OF MAIN LINE AND SERVICES, PRESSURE TESTING, TRACE WIRE TESTING AND VERIFICATION OF VALVE BOXES CONFORMING TO QUAD CITY STANDARD DETAIL 391Q, AND VIDEO TESTING OF SEWER AND DRAINAGE SYSTEMS PER MAG SPECIFICATIONS.

32. ALL ASPHALT CONCRETE PAVEMENTS SHALL BE PER APPLICABLE MAG SPECIFICATIONS AS AMENDED BY THE CITY OF PRESCOTT. ASPHALT CONCRETE MIX DESIGN SHALL BE SUBMITTED TO THE PUBLIC WORKS DIRECTOR OR HIS DESIGNEE FOR APPROVAL A MINIMUM OF ONE WEEK PRIOR TO START OF CONSTRUCTION.

33. ALL UTILITY FRAMES, COVERS, VALVE BOXES, MANHOLES, ETC. SHALL BE ADJUSTED TO FINISH ASPHALT GRADE AFTER PLACEMENT OF SURFACE COURSE BY THE CONTRACTOR PER COP STANDARD DETAILS.

34. ACCEPTANCE OF THE COMPLETED WORK WILL NOT BE GIVEN UNTIL 'AS-BUILT' PLANS ON CITY OF PRESCOTT SURVEY DATUM & COORDINATES HAVE BEEN SUBMITTED IN ACCORDANCE WITH CITY STANDARDS AND APPROVED BY THE CITY.

35. ALL CONCRETE TO BE AT LEAST 4000 PSI CLASS "AA" PORTLAND CEMENT CONCRETE PER MAG AND THE COP SUPPLEMENT, UNLESS OTHERWISE SPECIFIED ON THE PLANS, SPECIFICATIONS, OR IN STANDARD DETAILS.

36. EDGES OF CONCRETE STRUCTURES TO HAVE A 3/4" CHAMFER, UNLESS OTHERWISE SPECIFIED ON THE PLANS.

37. CONCRETE SURFACES TO HAVE A BROOM FINISH UNLESS OTHERWISE NOTED ON THE PLANS.

38. ALL EXPANSION JOINTS TO BE SEALED WITH 1/2" EXPANSION JOINT, PRE-FORMED JOINT FILLER AND SEALER, IN ACCORDANCE WITH MAG SECTION 729.

39. DRIVEWAY ENTRANCES WILL BE LOCATED AS SPECIFIED ON THE PLANS UNLESS MODIFIED IN THE FIELD BY THE ENGINEER. ALL DRIVEWAY ENTRANCES SHALL BE CONSTRUCTED OVER 6" THICK AGGREGATE BASE COURSE PER MAG SPECIFICATION 702 AND COMPACTED TO 95% OF STANDARD PROCTOR DENSITY, UNLESS OTHERWISE NOTED.

40. ALL DISTURBED FENCES SHALL BE REPLACED IN KIND. CONTRACTOR SHALL EXTEND FENCE REPLACEMENT TO THE CLOSEST UPRIGHT SUPPORT NECESSARY FOR STABILITY.

41. MAILBOXES SHALL BE REMOVED AND REINSTALLED AS DIRECTED BY THE U.S. POSTAL SERVICE AND THE CITY OF PRESCOTT TEMPORARY LOCATIONS SHALL BE PER U.S.P.S.

42. NO JOB WILL BE CONSIDERED COMPLETE UNTIL ALL PIPES, STRUCTURES, CURBS, PAVEMENT, AND SIDEWALKS HAVE BEEN SWEPT CLEAN OF ALL DIRT AND DEBRIS.

43. THE CONTRACTOR SHALL WARRANT ALL WORK FOR A MINIMUM TWO YEAR PERIOD AFTER FORMAL ACCEPTANCE OF THE WORK BY THE CITY.

QUAD CITY STANDARD DETAIL	GENERAL NOTES	REVISED: 9/10/2021	DETAIL No. 101P-2

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1. ALL WORK SHALL CONFORM TO MARICOPA ASSOCIATION OF GOVERNMENTS (MAG), CITY OF PRESCOTT (COP), AND QUAD CITY (QC) CONSTRUCTION STANDARDS & SPECIFICATIONS AND DETAILS.
2. ALL WORK SHALL CONFORM TO ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY (ADEQ) REQUIREMENTS. IF ADEQ CONFLICTS WITH THE CONTRACT DOCUMENTS, THE MORE STRINGENT REQUIREMENTS SHALL APPLY.
3. CONTRACTOR SHALL NOTIFY 'ARIZONA 811' AT (602-659-7500) AT LEAST 48 HOURS (2 WORKING DAYS) PRIOR TO START OF CONSTRUCTION.
4. CONTRACTOR SHALL NOTIFY PROJECT ENGINEER AT LEAST 72 HOURS (3 WORKING DAYS) PRIOR TO START OF CONSTRUCTION TO SCHEDULE CONSTRUCTION CONTROL STAKING.
5. CONTRACTOR SHALL NOTIFY CITY ENGINEER AT LEAST 72 HOURS (3 WORKING DAYS) PRIOR TO START OF CONSTRUCTION TO SCHEDULE CONSTRUCTION INSPECTION. PRIVATE DEVELOPMENTS SHALL PROVIDE FOR INDEPENDENT 3RD PARTY INSPECTIONS. 3RD PARTY INSPECTIONS SHALL NOTIFY CITY ENGINEER AT LEAST 48 HOURS (2 WORKING DAYS) PRIOR TO START OF CONSTRUCTION.
6. CONTRACTOR SHALL BE RESPONSIBLE FOR SUBMITTING TRAFFIC CONTROL PLANS PRIOR TO START OF CONSTRUCTION AND SHALL NOT BEGIN ANY CONSTRUCTION WITHIN THE RIGHT-OF-WAY UNTIL THE TRAFFIC CONTROL PLANS HAVE BEEN APPROVED BY THE CITY.
7. WATER MAIN TAPS, SERVICE TAPS, SHUTDOWN REQUESTS, AND METER REQUESTS MUST BE INITIATED WITH THE CITY INSPECTOR IN ACCORDANCE WITH CITY STANDARD OPERATING PROCEDURES. WATER SERVICE INTERRUPTION NOTICES SHALL BE GIVEN TO AFFECTED RESIDENTS BY THE CONTRACTOR AT HIS EXPENSE. ADVANCE NOTIFICATION REQUIREMENTS MUST BE APPROVED BY WATER OPERATIONS PRIOR TO SCHEDULING A SHUTDOWN.
8. OPERATION OF VALVES SHALL BE DONE BY CITY PERSONNEL ONLY.
9. QUANTITIES SHOWN ON PLANS HAVE NOT BEEN VERIFIED BY THE CITY. CONTRACTOR SHALL VERIFY ALL QUANTITIES & MAKE HIS BID BASED UPON THOSE VERIFICATIONS. IF A QUANTITY DISCREPANCY IS FOUND, THE CONTRACTOR SHALL NOTIFY THE CITY IMMEDIATELY.
10. ALL PLANS SIGNED BY THE CITY ARE NULL & VOID ONE YEAR FROM DATE OF SIGNATURE IF CONSTRUCTION HAS NOT STARTED AND/OR IS NOT ACTIVELY PROGRESSING.
11. ALL REVISIONS TO ORIGINAL PLANS MUST BE APPROVED BY THE CITY PRIOR TO CONSTRUCTION. ANY UNAPPROVED REVISIONS ARE SUBJECT TO REMOVAL & REPLACEMENT AT CONTRACTOR'S EXPENSE.
12. ALL WORK & MATERIALS WHICH DO NOT CONFORM TO THE CONTRACT DOCUMENTS ARE SUBJECT TO REMOVAL & REPLACEMENT AT THE CONTRACTOR'S EXPENSE.
13. ANY WORK PERFORMED WITHOUT THE KNOWLEDGE OF THE CITY INSPECTOR OR THEIR REPRESENTATIVE IS SUBJECT TO REMOVAL & REPLACEMENT AT THE CONTRACTOR'S EXPENSE.
14. THE CONTRACTOR SHALL PROVIDE SUFFICIENT PERSONNEL, EQUIPMENT, & MATERIAL ON THE JOB AT ALL TIMES DURING CONSTRUCTION TO COMPLY WITH CONTRACT DOCUMENTS & TO COMPLETE THE WORK IN ACCORDANCE WITH CONTRACT LIMITS.
15. THE CONTRACTOR SHALL UNCOVER ALL EXISTING LINES BEING TIED INTO AND VERIFY GRADES, MATERIAL, SIZE & ELEVATIONS BEFORE COMMENCING CONSTRUCTION & ORDERING MATERIALS.
16. THE CONTRACTOR SHALL LOCATE ALL UNDERGROUND PIPELINES, TELEPHONE & ELECTRICAL CONDUITS & STRUCTURES IN ADVANCE OF ANY CONSTRUCTION & MUST OBSERVE ALL POSSIBLE PRECAUTIONS TO AVOID ANY DAMAGE TO THE UTILITY. THE ENGINEER &/OR OWNER WILL NOT GUARANTEE ANY LOCATIONS AS SHOWN ON THESE PLANS, OR THOSE OMITTED FROM SAME.
17. WATER-SEWER SEPARATION SHALL BE PURSUANT TO ARIZONA ADMINISTRATIVE CODE (AAC) R-18-5-502C.
18. ALL MATERIALS & PRODUCTS THAT COME INTO CONTACT WITH DRINKING WATER OR DRINKING WATER TREATMENT CHEMICALS MUST COMPLY WITH AAC AND NSF/ANSI STANDARD 61.
19. ALL TRENCHES & BEDDING SHALL BE PER QC STANDARD DETAIL 200Q & CONTRACT DOCUMENTS.
20. WATER LINES SHALL BE INSTALLED WITH MECHANICAL RESTRAINTS WHERE JOINT RESTRAINTS ARE INDICATED BY CONTRACT DOCUMENTS.
21. ALL WATER LINES & APPURTENANCES SHALL BE EQUIPPED WITH TRACER WIRE PER CITY STANDARDS.
22. ALL PIPELINE CONSTRUCTION SHALL BE PLUGGED DAILY WITH A MECHANICAL OR PNEUMATIC PLUG AT THE END OF THE WORK DAY. THE PLUG SHALL BE ADVANCED DURING THE DAYS WORK PROGRESS TO REMAIN WITHIN A REASONABLE DISTANCE AND TO BE USED IN THE EVENT OF TRENCH FLOODING TO MINIMIZE INFLOW OF DEBRIS INTO THE NEW SYSTEM.
23. IF FLOODING OF PIPELINE OCCURS ALL CONSTRUCTION SHALL CEASE UNTIL THE MAIN IS FLUSHED TO THE SATISFACTION OF THE CITY.
24. THE USE OF POLYETHYLENE PROTECTIVE WRAPPING 'POLYWRAP' SHALL BE PROHIBITED UNLESS OTHERWISE NOTED IN THE CONTRACT DOCUMENTS. POLYWRAP, WHERE SPECIFIED, SHALL BE IN ACCORDANCE WITH MAG SECTION 610.6, 'POLYETHYLENE CORROSION PROTECTION'.
25. ALL EXISTING FRAMES, COVERS, VALVE BOXES, & MANHOLES SHALL BE EITHER REPLACED OR ADJUSTED TO FINISH GRADE DEPENDING ON PLAN CALL OUT UPON COMPLETION OF PAVING, UTILITY, OR RELATED CONSTRUCTION.
26. ALL WATER LINES SHALL BE SUBJECT TO A PRESSURE & LEAKAGE TEST IN ACCORDANCE WITH CONTRACT DOCUMENTS OR AWWA STANDARDS.
27. PRESSURE & LEAKAGE TESTS SHALL NOT BE PERFORMED AGAINST AN EXISTING SYSTEM VALVE.
28. WATER MAINS SHALL BE DISINFECTED IN ACCORDANCE WITH ADEQ ENGINEERING BULLETIN NO. 8 'DISINFECTION OF WATER SYSTEMS'.
29. WATER MAINS SHALL BE FLUSHED AT A MINIMUM OF 3FT/SEC IN ACCORDANCE WITH AWWA C-605, SECTION 10 FOR ALL WATER MAIN MATERIALS.
30. ACCEPTANCE OF THE COMPLETED WORK WILL NOT BE GIVEN UNTIL 'AS-BUILT' PLANS ON CITY OF PRESCOTT SURVEY DATUM & COORDINATES HAVE BEEN SUBMITTED IN ACCORDANCE WITH CITY STANDARDS AND APPROVED BY THE CITY.

QUAD CITY STANDARD DETAIL	WATER PLAN GENERAL NOTES	REVISED: 9/10/2021	DETAIL No. 103P

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1. ALL WORK SHALL CONFORM TO CITY OF PRESCOTT STANDARD DETAIL 101P AND TO THIS DETAIL.
2. ALL WORK SHALL CONFORM TO ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY (ADEQ) REQUIREMENTS. IF ADEQ CONFLICTS WITH THE CONTRACT DOCUMENTS, THE MORE STRINGENT REQUIREMENTS SHALL APPLY. MORE SPECIFICALLY WHERE THEY PERTAIN TO MAXIMUM ALLOWABLE SEWER LINE/PRESSURE SEWER LINE EXFILTRATION-INFILTRATION RATES.
3. CONTRACTOR SHALL NOTIFY 'ARIZONA 811' AT (602-659-7500) AT LEAST 48 HOURS (2 WORKING DAYS) PRIOR TO START OF CONSTRUCTION.
4. CONTRACTOR SHALL NOTIFY PROJECT ENGINEER AT LEAST 72 HOURS (3 WORKING DAYS) PRIOR TO START OF CONSTRUCTION TO SCHEDULE CONSTRUCTION CONTROL STAKING.
5. CONTRACTOR SHALL NOTIFY CITY ENGINEER AT LEAST 72 HOURS (3 WORKING DAYS) PRIOR TO START OF CONSTRUCTION TO SCHEDULE CONSTRUCTION INSPECTION. PRIVATE DEVELOPMENTS SHALL PROVIDE FOR INDEPENDENT 3RD PARTY INSPECTIONS. 3RD PARTY INSPECTIONS SHALL NOTIFY CITY ENGINEER AT LEAST 48 HOURS (2 WORKING DAYS) PRIOR TO START OF CONSTRUCTION.
6. CONTRACTOR SHALL BE RESPONSIBLE FOR SUBMITTING TRAFFIC CONTROL PLANS PRIOR TO START OF CONSTRUCTION AND SHALL NOT BEGIN ANY CONSTRUCTION WITHIN THE RIGHT-OF-WAY UNTIL THE TRAFFIC CONTROL PLANS HAVE BEEN APPROVED BY THE CITY.
7. SEWER SERVICE TAPS, GRAVITY BYPASS PUMPING, FORCE MAIN SHUTDOWN REQUESTS, AND OTHER OPERATIONAL REQUESTS MUST BE INITIATED WITH THE CITY INSPECTOR IN ACCORDANCE WITH CITY STANDARD OPERATING PROCEDURES. ADVANCE NOTIFICATION REQUIREMENTS MUST BE APPROVED BY WASTEWATER OPERATIONS PRIOR TO SCHEDULING A SHUTDOWN.
8. QUANTITIES SHOWN ON PLAN HAVE NOT BEEN VERIFIED BY THE CITY. CONTRACTOR SHALL VERIFY ALL QUANTITIES & MAKE HIS BID BASED UPON THOSE VERIFICATIONS. IF ANY DISCREPANCY IN QUANTITIES IS FOUND, THE CONTRACTOR SHALL NOTIFY THE CITY IMMEDIATELY.
9. ALL PLANS SIGNED BY THE CITY ARE NULL & VOID ONE YEAR FROM DATE OF SIGNATURE IF CONSTRUCTION HAS NOT STARTED AND/OR IS NOT ACTIVELY PROGRESSING.
10. ALL REVISIONS TO ORIGINAL PLANS MUST BE APPROVED BY THE CITY PRIOR TO CONSTRUCTION. ANY UNAPPROVED REVISIONS ARE SUBJECT TO REMOVAL & REPLACEMENT AT CONTRACTOR'S EXPENSE.
11. ALL WORK & MATERIALS WHICH DO NOT CONFORM TO THE CONTRACT DOCUMENTS ARE SUBJECT TO REMOVAL & REPLACEMENT AT THE CONTRACTOR'S EXPENSE.
12. ANY WORK PERFORMED WITHOUT THE KNOWLEDGE OF THE CITY INSPECTOR OR HIS REPRESENTATIVE IS SUBJECT TO REMOVAL & REPLACEMENT AT THE CONTRACTOR'S EXPENSE.
13. THE CONTRACTOR SHALL PROVIDE SUFFICIENT MEN, EQUIPMENT, & MATERIAL ON THE JOB AT ALL TIMES DURING CONSTRUCTION TO COMPLY WITH CONTRACT DOCUMENTS & TO COMPLETE THE WORK IN ACCORDANCE WITH CONTRACT LIMITS.
14. THE CONTRACTOR SHALL UNCOVER ALL EXISTING LINES BEING TIED INTO AND VERIFY GRADES, MATERIAL, SIZE & ELEVATIONS BEFORE COMMENCING CONSTRUCTION & ORDERING MATERIALS.
15. THE CONTRACTOR SHALL LOCATE ALL UNDERGROUND PIPELINES, TELEPHONE & ELECTRICAL CONDUITS & STRUCTURES IN ADVANCE OF ANY CONSTRUCTION & MUST OBSERVE ALL POSSIBLE PRECAUTIONS TO AVOID ANY DAMAGE TO THE UTILITY. THE ENGINEER &/OR OWNER WILL NOT GUARANTEE ANY LOCATIONS AS SHOWN ON THESE PLANS, OR THOSE OMITTED FROM SAME.
16. WATER-SEWER SEPARATION SHALL BE PURSUANT TO ARIZONA ADMINISTRATIVE CODE (AAC) R-18-5-502C.
17. ALL TRENCHES & BEDDING SHALL BE PER QC STANDARD DETAIL 200Q & CONTRACT DOCUMENTS.
18. ALL SEWER LINES & APPURTENANCES SHALL BE EQUIPPED WITH TRACER WIRE PER CITY STANDARDS.
19. ALL PIPELINE CONSTRUCTION SHALL BE PLUGGED DAILY WITH A MECHANICAL OR PNEUMATIC PLUG AT THE END OF THE WORK DAY. THE PLUG SHALL BE ADVANCED DURING THE DAYS WORK PROGRESS TO REMAIN WITHIN A REASONABLE DISTANCE AND TO BE USED IN THE EVENT OF TRENCH FLOODING TO MINIMIZE INFLOW OF DEBRIS INTO THE NEW SYSTEM.
20. MINIMUM COVER OVER EACH SEWER MAIN SHALL BE 7 FEET UNLESS OTHERWISE APPROVED BY THE CITY.
21. ALL EXISTING FRAMES, COVERS, VALVE BOXES, & MANHOLES SHALL BE EITHER REPLACED OR ADJUSTED TO FINISH GRADE DEPENDING ON PLAN CALL OUT UPO COMPLETION OF PAVING, UTILITY, OR RELATED CONSTRUCTION.
22. SEWER LINE LOW PRESSURE AIR TESTS SHALL BE DONE ON 100% OF ALL LINES AFTER PLACEMENT OF BACKFILL TO PAVEMENT SUBGRADE. TEST EACH SEGMENT OF THE SEWER LINE FOR LEAKAGE USING THE APPLICABLE METHOD BELOW AND RECORD THE RESULTS:
   "STANDARD TEST METHOD FOR INSTALLATION OF ACCEPTANCE OF PLASTIC GRAVITY SEWER LINES USING LOW-PRESSURE AIR, F1417-92(1998)" PUBLISHED BY THE AMERICAN SOCIETY FOR TESTING AND MATERIALS.
23. SEWER LINE DEFLECTION TESTS WITH AN APPROPRIATELY SIZED MANDREL SHAL BE DONE ON 100% OF ALL NON-RIGID PIPE LINES NO SOONER THAN 30 DAYS AFTER INSTALLATION AND BACKFILL.
24. THE CONTRACTOR SHALL PERFORM A VISUAL INSPECTION OF ALL SEWER MAINS AND LATERALS INSTALLED WITHIN THE CITY'S COLLECTION SYSTEM UTILIZING A SEWER CCTV SYSTEM AFTER COMPLETE BACKFILL AND COMPACTION BUT BEFORE INSTALLING ANY PORTION OF THE PAVEMENT STRUCTURAL SECTION PE CITY CCTV REQUIREMENTS. THE INSPECTION SHALL COMPLY WITH THE CITY'S VIDEO ACCEPTANCE PROCEDURE. THE CONTRACTOR SHALL PROVIDE 72 HOURS ADVANCE NOTICE TO WASTEWATER OPERATIONS. CITY STAFF MUST BE PRESENT DURING THE VIDEO OPERATION AND THE CONTRACTOR SHALL PROVIDE THE CITY A VIDEO DVD AND HARD COPY OF THE INSPECTION REPORT UPON COMPLETION.
25. SEWER MANHOLES EXFILTRATION TESTS SHALL BE DONE ON 100% OF ALL MANHOLES. VACUUM TESTING IN ACCORDANCE WITH CITY STANDARDS MAY BE USED IN LIEU OF EXFILTRATION TEST. THE CONTRACTOR SHALL TEST EACH MANHOLE USING ONE OF THE FOLLOWING TEST PROTOCOLS:
    a. NEGATIVE AIR PRESSURE TESTING USING THE "STANDARD TEST METHOD FOR CONCRETE SEWER MANHOLES BY NEGATIVE AIR PRESSURE" (VACUUM) TEST, C1244-02E1(2002), PUBLISHED BY THE AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM). THIS MATERIAL IS INCORPORATED BY REFERENCE & DOES NOT INCLUDE ANY LATER AMENDMENTS OR EDITIONS OF THE INCORPORATED MATERIAL, & MAY BE VIEWED AT ADEQ, OR OBTAINED FROM THE ASTM, 100 BAR HARBOR DRIVE, WEST CONSHOHOCKEN PA.19428-2959.
    b. 'WATERTIGHTNESS TESTING' BY FILLING THE MANHOLE WITH WATER. THE CONTRACTOR SHALL ENSURE THAT THE DROP IN WATER LEVEL FOLLOWING PRESOAKING DOES NOT EXCEED 0.00034 OF THE TOTAL MANHOLE VOLUME PER HOUR.
26. SEWER FORCE MAIN LINES SHALL BE DESIGNED AND CONSTRUCTED OF A MATERIAL SUITABLE FOR SANITARY SEWER PRESSURE PIPE AS APPROVED BY THE CITY. SEWER LINES SHALL BE PRESSURE TESTED TO A MINIMUM OF 50 PSI ABOVE DESIGN WORKING PRESSURE AT THE LOWEST POINT IN THE SYSTEM FOR A MINIMUM OF 2 HOURS IN ACCORDANCE WITH AAC R18-9.
27. PRESSURE SEWER MAINS AND SERVICE LATERALS (LPS) SHALL BE SUBJECT TO A PRESSURE & LEAKAGE TEST IN ACCORDANCE WITH AWWA-C-600 STANDARD. TES PRESSURE SHALL BE A MINIMUM OF 100 PSI, OR 50 PSI OVER WORKING PRESSURE, WHICHEVER IS GREATER. TESTING SHALL BE DONE AFTER BACKFILL TO SUBGRADE.
28. ACCEPTANCE OF THE COMPLETED WORK WILL NOT BE GIVEN UNTIL 'AS-BUILT' PLANS ON CITY OF PRESCOTT SURVEY DATUM & COORDINATES HAVE BEEN SUBMITTED IN ACCORDANCE WITH CITY STANDARDS AND APPROVED BY THE CITY

QUAD CITY STANDARD DETAIL	WASTEWATER PLAN GENERAL NOTES	REVISED: 9/10/2021	DETAIL No. 104P

GARDEN ST AND WESTERN AVENUE
SANITARY SEWER AND ROADWAY IMPROVEMENTS

CITY OF PRESCOTT PUBLIC WORKS

GENERAL NOTES

DATE 06/7/2023
SHEET NO. 4
OF 18

CITY OF PRESCOTT
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NO.	BY	DATE	REVISIONS	APPR'V DATE

ENGINEER
CITY
REVIEW:
CIP# 2302-001

FILE NAME&PATH: K:\ENGINEERING\PROJECTS\FY23\FY22-CIP SUNDOG TRUNK MAIN PHASE C2\CADD\SHEETS\003 CIP 10-023 GEN NOTES.DWG

1. ALL WORK SHALL CONFORM TO CITY OF PRESCOTT STANDARD DETAIL 101P AND TO THIS DETAIL.
2. ALL PROVISIONS OF THE PRELIMINARY SOILS REPORT PREPARED BY _______________, DATED _______________ SHALL BE COMPLIED WITH DURING OPERATIONS.
3. THIS PLAN IS FOR GRADING PURPOSES ONLY. APPROVAL OF THIS PLAN DOES NOT CONSTITUTE APPROVAL OF DRIVEWAY LOCATIONS OR SIZES, PARKING LOT LAYOUT, SEWER AND WATER FACILITIES, BUILDING LOCATIONS, OFF-SITE DRAINAGE FACILITIES OR OTHER ITEMS NOT RELATED DIRECTLY TO THE BASIC GRADING OPERATION.
4. CERTIFICATION FROM THE REGISTERED CIVIL ENGINEER AND SOILS/GEOLOGICAL ENGINEER STATING THAT THE ROUGH GRADING HAS BEEN COMPLETED PER THE APPROVED PLAN, AND A COMPACTION REPORT FROM THE SOILS ENGINEER ON ANY FILL AREAS THAT ARE REQUIRED SHALL BE PROVIDED PRIOR TO BUILDING PERMITS BEING ISSUED.
5. PARTIES NAMED ON ADEQ'S NOTICE OF INTENT (N.O.I.) ARE RESPONSIBLE FOR EROSION, DUST, MUD, SILT, DEBRIS, AND TEMPORARY DRAINAGE CONTROL DURING GRADING OPERATIONS AND MAY BE REQUIRED TO PROVIDE A SWPPP.
6. ANY ON-SITE RETAINING WALLS WILL REQUIRE APPROVAL AS PART OF THESE PLANS. ANY NECESSARY RETAINING WALLS ON THE PERIMETER OF THIS SITE MAY BE REQUIRED TO BE IN PLACE AND APPROVED BY THE CITY BUILDING DEPARTMENT PRIOR TO THE START OF GRADING. A SEPARATE PLAN WITH REQUIRED STRUCTURAL CALCULATIONS MAY BE REQUESTED FOR RETAINING WALLS.
7. ANY INFRASTRUCTURE CONSTRUCTED IN THE PUBLIC RIGHT OF WAY WILL REQUIRE SEPARATE PLAN APPROVAL AND INSPECTION FROM THE CITY ENGINEER.
8. ANY WALLS, FENCES, STRUCTURES AND/OR APPURTENANCES ADJACENT TO THIS PROJECT SHALL BE PROTECTED IN PLACE. IF GRADING OPERATIONS DAMAGE OR ADVERSELY AFFECT SAID ITEMS IN ANY WAY, THE CONTRACTOR AND/OR DEVELOPER IS RESPONSIBLE FOR WORKING OUT AN ACCEPTABLE SOLUTION TO THE SATISFACTION OF THE AFFECTED PROPERTY OWNER(S).
9. THE CONTRACTOR/DEVELOPER IS RESPONSIBLE FOR ENSURING THAT RETAINING WALLS DO NOT INTERFERE WITH PROVISION OF UTILITIES. WALLS MUST BE CONSTRUCTED ON SITE AND OUTSIDE OF THE RIGHT OF WAY. THIS SHALL INCLUDE THE FOOTINGS OF ALL STRUCTURES.
10. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT COMPACTION HAS BEEN ATTAINED ON THE ENTIRE GRADING SITE IN ACCORDANCE WITH THE GENERAL ENGINEERING PLAN, INCLUDING FILL AREAS OUTSIDE THE BUILDING PADS AND ON ALL FILL SLOPES, AND SHALL BE CERTIFIED BY THE SOIL'S ENGINEER.
11. CITY APPROVAL OF PLANS DOES NOT RELIEVE THE DEVELOPER FROM THE RESPONSIBILITY FOR CORRECTION OR ERROR OR OMISSION DISCOVERED DURING CONSTRUCTION. UPON REQUEST, THE REQUIRED PLAN REVISIONS SHALL BE PROMPTLY SUBMITTED TO THE CITY ENGINEER FOR APPROVAL.
12. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CALL THE CITY ENGINEER'S OFFICE AT (928) 777-1130 FOR ANY REQUIRED ENGINEERING INSPECTION ON CAPITAL PROJECTS 24 HOURS PRIOR TO PERFORMING ANY WORK. WORK PERFORMED WITHOUT CALLING FOR INSPECTION MAY BE REJECTED AND, IF REJECTED, SHALL BE REMOVED SOLELY AT THE CONTRACTOR'S EXPENSE. ANY PRIVATE DEVELOPMENT INSPECTIONS SHALL USE THE CITY'S IVR SYSTEM FOR SCHEDULING INSPECTIONS.
13. NO GRADING SHALL COMMENCE WITHOUT OBTAINING A GRADING PERMIT AND NOTIFYING THE CITY OF PRESCOTT OR DEVELOPER'S GRADING INSPECTOR TO SCHEDULE A PREGRADING MEETING A MINIMUM OF TWO WORKING DAYS PRIOR TO THE START OF WORK.
14. GRADING SHALL NOT BE STARTED WITHOUT FIRST NOTIFYING CITY PUBLIC WORKS INSPECTION DEPARTMENT. A PRE-GRADING MEETING ON THE SITE IS REQUIRED BEFORE BEGINNING GRADING ACTIVITIES BY THE FOLLOWING PEOPLE PRESENT: OWNER, GRADING CONTRACTOR, DESIGN CIVIL ENGINEER, SOIL ENGINEER/GEOLOGIST, PUBLIC WORKS INSPECTOR, AND WHEN REQUIRED, THE ARCHAEOLOGIST AND PALEONTOLOGIST. THE REQUIRED INSPECTIONS FOR GRADING WILL BE EXPLAINED AT THE PRE-CONSTRUCTION MEETING.
15. PRIOR TO THE START OF GRADING ALL SWPPP MEASURES SHALL BE IN PLACE, ALL DEBRIS, INCLUDING EXISTING STRUCTURES, FOOTINGS, FOUNDATIONS AND RUBBLE SHALL BE REMOVED FROM THE SITE TO THE SATISFACTION OF THE SOILS ENGINEER.
16. AFTER REMOVAL OF DEBRIS, ANY EXISTING FILL OR DISTURBED NATURAL SOILS SHALL BE EXCAVATED TO THE SATISFACTION OF THE SOILS ENGINEER.
17. THE EXPOSED SOILS SHALL THEN BE INSPECTED BY THE SOILS ENGINEER, AND ANY ADDITIONAL OVER-EXCAVATION SHALL THEN BE MADE IN ACCORDANCE WITH THE SOILS ENGINEER'S RECOMMENDATIONS AND AS CONTAINED IN THE SOIL'S REPORT.
18. THE EXPOSED SOILS SHALL THEN BE SCARIFIED TO PROVIDE A BOND WITH NEW FILL, BROUGHT TO PROPER MOISTURE CONTENT AND COMPACTED TO AT LEAST 90% OF THE MAXIMUM DENSITY, AS DETERMINED BY ASTM D1557-78 OR EQUIVALENT COMPACTION SHALL BE OBTAINED BY METHODS SPECIFIED BY THE SOILS ENGINEER. ROAD PRISM SUBGRADE SHALL BE COMPACTED TO AT LEAST 95% STANDARD OR MODIFIED PER SOILS ENGINEER'S RECOMMENDATIONS.
19. THE SOILS AND DESIGN ENGINEER OF RECORD SHALL ALSO BE RESPONSIBLE TO INSPECT, VERIFY AND REPORT THAT PROPER COMPACTION HAS BEEN OBTAINED BY EARTHWORK CONTRACTOR OR SUBCONTRACTOR AND PRIVATE UTILITY FRANCHISES CONCERNING UTILITY LINE BACKFILL, TO INCLUDE ELECTRICAL, GAS, CABLE, FIBEROPTIC, COMMUNICATION AND LANDSCAPE IRRIGATION LINES. ADDITIONALLY, WATER AND SEWER LINES SHALL BE BACKFILLED AND COMPACTED IN ACCORDANCE WITH GENERAL ENGINEERING REQUIREMENTS SECTION AND APPLICABLE STANDARD DETAILS.
20. AN AS-GRADED GRADING PLAN AND THE CERTIFICATION OF COMPLIANCE FORMS FOR SAID GRADING PLAN WITH THE PROPER STAMPS AND SIGNATURES ARE TO BE SUBMITTED TO THE CITY ENGINEER PRIOR TO RELEASE OF GRADING BOND AND PRIOR TO FINAL GRADING INSPECTION. BUILDING PAD CERTIFICATION SHALL BE SUBMITTED TO THE BUILDING DEPARTMENT WHEN REQUESTED.
21. NO FILL SHALL BE PLACED UNTIL STRIPPING OF VEGETATION, REMOVAL OF UNSUITABLE SOILS, AND INSTALLATION OF SUBDRAINS (IF ANY) HAVE BEEN INSPECTED AND APPROVED BY THE SOILS ENGINEER.
22. ALL EXISTING FILLS SHALL BE APPROVED AND CERTIFIED BY THE SOILS ENGINEER OR REMOVED PRIOR TO PLACING ADDITIONAL FILLS.
23. ENGINEER MUST SET GRADE STAKES FOR ALL DRAINAGE DEVICES AND OBTAIN INSPECTION BEFORE POURING.
24. THE COMPACTION REPORT AND APPROVAL FROM THE SOIL ENGINEER SHALL INDICATE THE TYPE OF FIELD TESTING PERFORMED. EACH TEST SHALL BE IDENTIFIED WITH THE METHOD OF OBTAINING THE IN-PLACE DENSITY, WHETHER SAND CONE OR NUCLEAR GAUGE, AND SHALL BE SO NOTED FOR EACH TEST.
25. EXPORT SOIL MUST BE TRANSPORTED TO A LEGAL DUMP OR TO A PERMITTED SITE SHOWN CLEARLY ON APPROVED PLANS OR PERMIT.
26. ALL EXISTING DRAINAGE COURSES THROUGH THIS SITE SHALL REMAIN OPEN UNTIL FACILITIES TO HANDLE STORM WATER ARE APPROVED AND FUNCTIONAL; HOWEVER, IN ANY CASE, THE PERMITTEE SHALL BE HELD LIABLE FOR ANY DAMAGE DUE TO OBSTRUCTING NATURAL DRAINAGE PATTERNS.

QUAD CITY STANDARD DETAIL	GRADING AND DRAINAGE NOTES	REVISED: 9/10/2021	DETAIL No. 105P-1

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1. ALL WORK SHALL CONFORM TO CITY OF PRESCOTT STANDARD DETAIL 101P AND TO THIS DETAIL.
2. THE CONTRACTOR SHALL SPOT LAYOUT THE ENTIRE PROJECT AND CONTACT THE CITY INSPECTOR TO MAKE ARRANGEMENTS FOR INSPECTION PRIOR TO INSTALLING TRAFFIC SIGNS OR PAVEMENT MARKINGS. ANY SIGNING OR STRIPING INSTALLED BEFORE LAYOUT APPROVAL SHALL BE SUBJECT TO REMOVAL AND REINSTALLATION AT THE CONTRACTOR'S EXPENSE.
3. TRAFFIC SIGN DIMENSIONS, COLORS AND LETTERING SHALL CONFORM TO THE LATEST MUTCD SPECIFICATIONS. TRAFFIC SIGN SIZE SHALL BE STANDARD UNLESS OTHERWISE SPECIFIED ON THE PLANS.
4. SIGN LOCATION SHALL BE COORDINATED WITH LANDSCAPING PLANS TO ENSURE SIGN VISIBILITY PER AASHTO AND MUTCD STANDARDS.
5. ALL R1-1 "STOP" SIGNS AND PEDESTRIAN WARNING SIGNS SHALL BE RETRO-REFLECTIVE WITH SHEETING MATERIAL TO BE DIAMOND VIP GRADE, MEETING OR EXCEEDING ASTM 4956-04.
6. ALL OTHER SIGNS ARE TO BE RETRO-REFLECTIVE WITH SHEETING MATERIAL TO BE HIGH INTENSITY PRISMATIC MEETING OR EXCEEDING ASTM 4956-04.
7. SIGN BLANKS SHALL BE 5052-H38 ALLOY TREATED ALUMINUM WITH ALODINE 1200 CONVERSION COATING, 0.080" THICK WITH ROUNDED CORNERS.
8. SIGNS SHALL BE MOUNTED ON STREET LIGHT POLES WHENEVER FEASIBLE.
9. STRIPING SHALL CONFORM TO THE MOST RECENT EDITION OF THE MUTCD WITH REGARD TO SIZE, COLOR, REFLECTIVITY AND PLACEMENT UNLESS OTHERWISE SPECIFIED ON THE PLANS.
10. ALL THERMOPLASTIC APPLICATIONS SHALL CONFORM TO ADOT SPECIFICATION 704. TRANSVERSE MARKINGS, SYMBOLS AND LEGENDS SHALL BE 90 MIL (0.090 INCH) THICK, LONGITUDINAL MARKINGS SHALL BE 60 MIL (0.060 INCH) THICK ALKYD EXTRUDED THERMOPLASTIC.
11. ALL PAINT APPLICATION SHALL CONFORM TO ADOT SPECIFICATION 708.
12. ALL CONFLICTING STRIPING, PAVEMENT MARKINGS, AND CURB PAINT SHALL BE REMOVED BY WET SANDBLASTING OR OTHER APPROVED METHOD PRIOR TO THE INSTALLATION OF NEW STRIPING. SLURRY OR PAINT SHALL NOT BE USED TO COVER EXISTING PAINT. PAVEMENT THAT IS DAMAGED DUE TO THE REMOVAL OF MAKERS OR STRIPING SHALL BE REPAIRED TO THE SATISFACTION OF THE CITY ENGINEER OR HIS DESIGNEE.

QUAD CITY STANDARD DETAIL	SIGNING AND STRIPING NOTES	REVISED: 9/10/2021	DETAIL No. 106P-1

GARDEN ST AND WESTERN AVENUE
SANITARY SEWER AND ROADWAY IMPROVEMENTS

CITY OF PRESCOTT PUBLIC WORKS

GENERAL NOTES

DATE 06/7/2023
SHEET NO. 5 OF 18

CITY OF PRESCOTT
Everybody's Hometown

PREPARED BY JAM
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FOR: COP

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IAN M. MATTINGLY
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CIP# 2302-001

REVIEW:

FILE NAME&PATH: K:\ENGINEERING\PROJECTS\FY23\FY22-CIP SUNDOG TRUNK MAIN PHASE C2\CADD\SHEETS\003 CIP 10-023 GEN NOTES.DWG

EROSION & SEDIMET CONTROL GUIDELINE SOURCES:

A. EROSION & SEDIMENT CONTROLS SHALL BE IN COMPLIANCE WITH CITY OFPRESCOTT GENERAL ENGINEERING STANDARDS (GES) ARTICLE 3/DRAINAGE
SECTION 3.9/ EROSION AND SEDIMENT CONTROL
3.9.3 GENERAL, 3.9.4 AND GUIDELINES, MAG SUPPLEMENT 104.1.5 FINAL CLEANING UP, AND PROJECT SPECIAL PROVISIONS AND AZDOT STORMWATER AND EROSION/SEDIMENT CONTROL MAPS AND MANUALS (https://azdot.gov/business/engineering-and-construction/roadway-engineering/roadside-development)

B. BELOW IS THE FULL SUITE OF SWPP MEASURES. SELECT ANY MEASURES THAT ARE APPLICABLE TO YOUR PROJECT. IF YOUR PROJECT REQUIRES A NONSTANDARD CONTROL MEASURE, THEN USE THE "OTHER" CATEGORY TO NUMBER AND DESCRIBE SUCH MEASURE. CHOOSE "N/A" FOR MEASURES NOT USED.

EROSION CONTROLS

EC-1	PRESERVATION OF EXISTING VEGETATION
EC-2	MINIBENCHES AND SLOPE ROUGHENING
EC-3	MULCH COVER
EC-4	SEEDING
EC-5	GEOTEXTILES/EROSION CONTROL BLANKETS
EC-6	SOIL BINDERS
EC-7	CROWN DITCH
EC-[INSERT NO.]	OTHER [INSERT OTHER MEASURE TEXT, AS APPLICABLE.]

SEDIMENT CONTROLS

SC-1	SEDIMENT CONTROL BERMS
SC-2	SILT FENCE
SC-3	SEDIMENT TRAPS
SC-4	SEDIMENT BASINS
SC-5	SEDIMENT WATTLES
SC-6	SEDIMENT LOGS
SC-7	GRAVEL BAG PROTECTION
SC-8	STORM DRAIN INLET PROTECTION
SC-9	CURB INLET PROTECTION
SC-10	STABILIZED CONSTRUCTION ENTRANCE
SC-11	STABILIZED CONSTRUCTION ROADWAY
SC-12	COMPOST SOCK
SC-13	ROCK BERM
SC-14	PIPE INLET PROTECTION
SC-[INSERT NO.]OTHER	[INSERT OTHER MEASURE TEXT, AS APPLICABLE.]

RUN-ON MANAGEMENT

RC-1	EARTH DIKES/DRAINAGE SWALES AND LINED DITCHES
RC-2	CUT TO FILL SLOPE TRANSITIONS
RC-3	EROSION PROTECTION AT STRUCTURES
RC-4	ROCK OUTLET PROTECTION/VELOCITY DISSIPATION DEVICES
RC-5	SLOPE DRAINS
RC-6	CHECK DAM
RC-[INSERT NO.] OTHER	[INSERT OTHER MEASURE TEXT, AS APPLICABLE.]

POLLUTION PREVENTION

PP-1	VEHICLE AND EQUIPMENT CLEANING
PP-2	VEHICLE AND EQUIPMENT FUELING
PP-3	VEHICLE AND EQUIPMENT MAINTENANCE
PP-4	STREET SWEEPING AND VACUUMING
PP-5	MATERIAL DELIVERY AND STORAGE
PP-6	MATERIAL USE
PP-7	STOCKPILE MANAGEMENT
PP -8	SPILL PREVENTION AND CONTROL
PP-9	SANITARY WASTE
PP-[INSERT NO.] OTHER	[INSERT OTHER MEASURE TEXT, AS APPLICABLE.]

ON-STORMWATER DISCHARGNES

NS-1	WATER CONSERVATION PRACTICES
NS-2	DEWATERING OPERATIONS
NS-3	PAVING AND MILLING OPERATIONS
NS-4	TEMPORARY STREAM CROSSINGS
NS-5	WATER DIVERSION
NS-6	STRUCTURE DEMOLITION/REMOVAL OVER OR ADJACENT TO WATER
NS-7	MATERIAL AND EQUIPMENT USE OVER WATERCOURSES
NS-[INSERT NO.]	OTHER [INSERT OTHER MEASURE TEXT, AS APPLICABLE.]

WASTE MANAGEMENT

WM-1	SOLID WASTE MANAGEMENT
WM-2	HAZARDOUS WASTE MANAGEMENT
WM-3	CONTAMINATED SOIL MANAGEMENT
WM-4	CONCRETE WASTE MANAGEMENT
WM-5	LIQUID WASTE MANAGEMENT
WM-[INSERT NO.]	OTHER [INSERT OTHER MEASURE TEXT, AS APPLICABLE.]

BEST MANAGEMENT PRACTICE

BEST MANAGEMENT PRACTICES (BMPS) ARE OPERATIONAL ACTIVITIES OR PHYSICAL CONTROLS THAT REDUCE THE DISCHARGE OF POLLUTANTS AND MINIMIZE POTENTIAL IMPACTS UPON RECEIVING WATERS.

EROSION CONTROL COORDINATOR (ECC)

SCOPE OF INSPECTIONS PERFORMED BY ECC

CONTROL MEASURES WILL BE INSPECTED TO VERIFY THE EFFECTIVENESS OF CONTROL MEASURE IN DISTURBED AREAS AND MATERIAL STORAGE AREAS, INGRESS/EGRESS POINTS, DISCHARGE POINTS, AND POTENTIALLY AFFECTED RECEIVING WATERS. FOR DISCHARGE POINTS THAT ARE INACCESSIBLE, INSPECTION OF DOWNSTREAM LOCATIONS SHOULD OCCUR, WHERE PRACTICABLE. INSPECTIONS WILL REVIEW THE FOLLOWING:

STRUCTURAL CONTROLS IDENTIFIED IN THE SWPPP TO ENSURE THEY ARE IN PLACE AND FUNCTIONING AS INTENDED. REPAIR, REPLACE, OR MAINTAIN ANY CONTROLS AS NECESSARY IN ACCORDANCE WITH THE CGP

- THE EFFECTIVENESS OF NON-STRUCTURAL CONTROLS AND PRACTICES (SUCH AS GOOD HOUSEKEEPING PRACTICES AND POLLUTION PREVENTION MEASURES);
- AREAS OF THE SITE USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION;
- LOCATIONS WHERE NEW OR MODIFIED CONTROL MEASURES ARE NECESSARY TO MEET THE REQUIREMENTS OF THE CGP;
- LOCATIONS WHERE VEHICLES AND EQUIPMENT ENTER OR EXIT THE SITE FOR EVIDENCE OF TRACKING SEDIMENT, DEBRIS, AND OTHER POLLUTANTS ONTO AND OFF THE SITE;
- SITE CONDITIONS FOR EVIDENCE OF, OR THE POTENTIAL FOR, POLLUTANTS ENTERING THE MUNICIPAL SEPARATE STORM SEWER;
- THE PRESENCE OF CONDITIONS THAT COULD LEAD TO SPILLS, LEAKS, OR OTHER ACCUMULATIONS OF POLLUTANTS ON THE SITE;
- ACCESSIBLE DISCHARGE LOCATIONS OR DISCHARGE POINTS TO ASCERTAIN WHETHER EROSION AND SEDIMENT CONTROL MEASURES ARE EFFECTIVE IN PREVENTING SIGNIFICANT IMPACTS TO RECEIVING WATERS;
- WHERE DISCHARGE LOCATIONS ARE INACCESSIBLE, NEARBY DOWNSTREAM LOCATIONS TO THE EXTENT THAT THE INSPECTIONS ARE PRACTICABLE;
- LOCATIONS WHERE TEMPORARY STABILIZATION MEASURES HAVE BEEN IMPLEMENTED; AND
- WHEN A DISCHARGE IS OCCURRING DURING AN INSPECTION, OBSERVE AND NOTE THE PHYSICAL CHARACTERISTICS (COLOR, ODOR, CLARITY, FLOATING, SETTLED, OR SUSPENDED SOLIDS, FOAM, OIL SHEEN, AND OTHER OBVIOUS INDICATORS OF STORMWATER POLLUTANTS). IN ADDITION, WHEN THERE IS NO DISCHARGE, EXAMINE EACH DISCHARGE LOCATION FOR EVIDENCE OF EROSION, CORRECTIVE ACTIONS ARE ACTIONS TAKEN TO MODIFY OR REPLACE ANY CONTROL MEASURE THAT FAILED TO MEET THE CONDITIONS OF THE CGP. ROUTINE MAINTENANCE OR REPAIRS ARE NOT CONSIDERED CORRECTIVE ACTIONS. REQUIREMENTS FOR TAKING CORRECTIVE ACTION

THE ECC MUST COMPLETE CORRECTIVE ACTIONS IN ACCORDANCE WITH THE DEADLINES SPECIFIED IN THIS PART. IN CORRECTIVE ACTION CIRCUMSTANCES, YOU MUST IMMEDIATELY TAKE REASONABLE STEPS TO MINIMIZE OR PREVENT THE DISCHARGE OF POLLUTANTS UNTIL A PERMANENT SOLUTION IS INSTALLED AND MADE OPERATIONAL, INCLUDING CLEANING UP ANY CONTAMINATED SURFACES SO THAT THE MATERIAL WILL NOT DISCHARGE IN SUBSEQUENT STORM EVENTS.

FOR ANY OF THE FOLLOWING CONDITIONS ON YOUR SITE, THE ECC MUST INSTALL A NEW OR MODIFIED CONTROL MEASURE, OR COMPLETE THE REPAIR, BY NO LATER THAN 7 CALENDAR DAYS FROM THE TIME OF DISCOVERY. IF IT IS INFEASIBLE TO COMPLETE THE INSTALLATION OR REPAIR WITHIN 7 CALENDAR DAYS, YOU MUST DOCUMENT IN YOUR RECORDS WHY IT IS INFEASIBLE TO COMPLETE THE INSTALLATION OR REPAIR WITHIN THE 7 CALENDAR DAY TIMEFRAME AND DOCUMENT YOUR SCHEDULE FOR INSTALLING THE STORMWATER CONTROL(S) AND MAKING IT OPERATIONAL AS SOON AS PRACTICABLE AFTER THE 7-DAY TIMEFRAME.

1. A NECESSARY CONTROL MEASURE WAS NEVER INSTALLED, WAS INSTALLED INCORRECTLY, OR WAS NOT INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS IN THE CGP; OR
2. A STORMWATER CONTROL NEEDS TO BE REPAIRED OR REPLACED (BEYOND REQUIRED ROUTINE MAINTENANCE); OR
3. ONE OF THE PROHIBITED DISCHARGES LISTED IN THE CGP IS OCCURRING OR HAS OCCURRED; OR
4. ADEQ OR USEPA DETERMINES THAT REVISIONS TO THE CONTROL MEASURES ARE NECESSARY TO MEET THE REQUIREMENTS OF THE CGP; OR
5. 5A DISCHARGE IS CAUSING AN EXCEEDANCE OF AN APPLICABLE SURFACE WATER QUALITY STANDARD.

SUMMARY OF POTENTIAL POLLUTANT SOURCES

THE IDENTIFICATION AND DESCRIPTION OF POLLUTANT SOURCES, THEIR LOCATION(S) AND THE MEASURES MEANT TO CONTROL DISCHARGES ARE IDENTIFIED BELOW. THIS LIST INCLUDES ALLOWABLE NON-STORMWATER DISCHARGES EXPECTED TO BE ASSOCIATED WITH THE PROJECT AND FROM AREAS OTHER THAN CONSTRUCTION (I.E., SUPPORT ACTIVITIES INCLUDING STORMWATER DISCHARGES FROM DEDICATED ASPHALT OR CONCRETE PLANTS AND ANY OTHER NON-CONSTRUCTION POLLUTANT SOURCES SUCH AS FUELING AND MAINTENANCE OPERATIONS, MATERIALS STORED ON-SITE, WASTE PILES, EQUIPMENT STAGING YARDS, ETC.). THE OPERATOR WILL IMPLEMENT THE CONTROL MEASURES IDENTIFIED FOR THESE AREAS TO MINIMIZE POLLUTANT DISCHARGES. CONTROL MEASURES FOR THE POTENTIAL POLLUTANT SOURCES ASSOCIATED WITH SOILS ARE DISCUSSED IN THE EROSION AND SEDIMENT CONTROL SECTION LATER IN THIS DOCUMENT.

MINIMUM REQUIREMENTS

EROSION CONTROL PRINCIPLES (1ST LINE OF DEFENSE)

1. MINIMIZE DISTURBED AREA AND PROTECT NATURAL FEATURES AND SOIL (BMP- PRESERVE EXISTING VEGETATION)
2. PHASE CONSTRUCTION ACTIVITY (BMP- CONSTRUCTION SEQUENCING)
3. CONTROL STORMWATER FLOWING ONTO AND THROUGH THE PROJECT (BMP- EARTH DIKES/DRAINAGE SWALES AND LINED DITCHES)
4. STABILIZE SOILS PROMPTLY (BMPS- HYDROSEEDING, SOIL BINDERS)
5. PROTECT SLOPES (BMPS- GEOTEXTILES/EROSION CONTROL BLANKETS, CROWN DITCH, SLOPE DRAINS)

SEDIMENT CONTROL PRINCIPLES (2ND LINE OF DEFENSE)

1. PROTECT STORM DRAIN INLETS (BMP- STORM DRAIN INLET PROTECTION)
2. ESTABLISH PERIMETER CONTROLS (BMPS- SILT FENCE, SEDIMENT LOGS)
3. RETAIN SEDIMENT ON-SITE AND CONTROL DEWATERING PRACTICES (BMP- SEDIMENT TRAP, SEDIMENT BASIN, DEWATERING OPERATIONS)
4. ESTABLISH STABILIZED CONSTRUCTION EXITS (BMP- STABILIZED CONSTRUCTION ENTRANCE/EXIT)
5. INSPECT AND MAINTAIN CONTROLS (BMP- INSPECTION AND MAINTENANCE)

GOOD HOUSEKEEPING PRINCIPLES

1. PROVIDE FOR WASTE MANAGEMENT (BMPS- SOLID WASTE MANAGEMENT, HAZARDOUS WASTE MANAGEMENT)
2. ESTABLISH PROPER MATERIAL HANDLING AND STAGING AREAS (BMPS- MATERIAL DELIVERY AND STORAGE, MATERIAL USE)
3. DESIGNATE PAINT AND CONCRETE WASHOUT AREAS (BMP- CONCRETE WASTE MANAGEMENT)
4. ESTABLISH PROPER EQUIPMENT/VEHICLE FUELING AND MAINTENANCE PRACTICES (BMPS- VEHICLE AND EQUIPMENT FUELING, VEHICLE AND EQUIPMENT MAINTENANCE)
5. CONTROL EQUIPMENT/VEHICLE WASHING AND ALLOWABLE NON-STORMWATER DISCHARGES (BMPVEHICLE AND EQUIPMENT CLEANING)
6. DEVELOP A SPILL PREVENTION AND RESPONSE PLAN (BMP- SPILL PREVENTION AND CONTROL)

AZDOT.GOV
BMP DETAILS

EROSION CONTROL COORDINATOR (ECC)

THE DULY AUTHORIZED REPRESENTATIVE FOR THIS PROJECT IS _______________. THE DELEGATION OF AUTHORITY FORM AND DOCUMENTED EXPERIENCE IS LOCATED IN ATTACHMENT 10 OF THIS SWPPP.

NAME: _______________

ADDRESS:[INSERT ECC ADDRESS (STREET, SUITE/UNIT/ETC., CITY, STATE ABBREV. ZIP CODE).]

TELEPHONE:[INSERT ECC PHONE NUMBER (XXX-XXX-XXXX).]

E-MAIL ADDRESS: _______________

1. ALL WORK SHALL CONFORM TO CITY OF PRESCOTT STANDARD DETAIL 101P AND TO THIS DETAIL.
2. A COPY OF THE APPROVED GRADING AND DRAINAGE PLAN FOR THIS PROJECT AND EROSION AND SEDIMENT CONTROL (ESC) PLAN OR STORM WATER POLLUTION PREVENTION PLAN (SWPPP) SHALL BE MAINTAINED ON THE SITE AND AVAILABLE FOR REVIEW. THOSE ELEMENTS OF THE GRADING AND DRAINAGE PLAN PERTINENT TO OR REFERENCED ON THE SWPPP SHALL BE CONSIDERED A PART OF THE SWPPP.
3. THE ESC/SWPPP AND RELATED RECORDS MUST BE MADE AVAILABLE UPON REQUEST TO ADEQ AND THE CITY OF PRESCOTT.
4. THE IMPLEMENTATION OF THESE PLANS AND THE CONSTRUCTION, MAINTENANCE, REPLACEMENT, AND UPGRADING OF THESE FACILITIES IS THE RESPONSIBILITY OF THE PERMITTEE/CONTRACTOR UNTIL ALL CONSTRUCTION IS APPROVED AND A NOTICE OF TERMINATION HAS BEEN SUBMITTED.
5. THE SCHEMATIC EROSION CONTROL MEASURES SHOWN ON THE PLANS ARE A MINIMUM. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY MEANS TO PROTECT EXISTING FACILITIES AND ADJACENT PROPERTIES FROM NOISE, DUST, AND STORM WATER RUNOFF THROUGHOUT CONSTRUCTION OF THE PROJECT AND BUILDINGS ON LOTS, AND SHALL CONDUCT HIS OPERATIONS IN SUCH A MANNER THAT STORM WATER WILL BE CONTAINED ON SITE OR CHANNELED INTO A STORM DRAIN SYSTEM, PROVIDED THAT IT IS FREE FROM POLLUTANTS AND DEBRIS.
6. CONTRACTOR SHALL PERMANENTLY STABILIZE ALL DISTURBED SLOPES AS STATED ON APPROVED CONSTRUCTION PLANS. ALL EROSION CONTROL STRUCTURES SHALL REMAIN IN PLACE UNTIL EXPOSED SLOPES HAVE BEEN PERMANENTLY STABILIZED.
7. CONTRACTOR SHALL TAKE MEASURES TO PREVENT OR MINIMIZE THE GENERATION, EMISSION AND/OR TRANSPORT OF FUGITIVE DUST FROM CONSTRUCTION ACTIVITIES.
8. THIS PLAN SHALL BE IN EFFECT UNTIL ALL DISTURBED AREAS ARE PERMANENTLY STABILIZED, TRANSFERRED TO NEW OWNERSHIP, OR DEVELOPED UNDER FUTURE PLANS WITH A NEW NOTICE OF INTENT (NOI), SWPPP, AND PERMIT. ONCE THE CONSTRUCTION ACTIVITIES HAVE BEEN COMPLETED AND THE SITE HAS MET THE FINAL STABILIZATION REQUIREMENTS OF THE PERMIT, THE AUTHORIZED SITE REPRESENTATIVE MAY FILE A NOTICE OR TERMINATION (NOT) WITH ADEQ, WITH A COPY SUBMITTED TO THE CITY OF PRESCOTT ENGINEERING DIVISION TO TERMINATE COVERAGE UNDER THE PERMIT.
9. A CONCRETE WASHOUT SHALL BE INSTALLED FOR ALL PROJECTS THAT PROPOSE CONCRETE TO BE MIXED ON SITE OR BE DELIVERED FROM A BATCH PLANT. THE CONCRETE WASHOUT SHALL BE LOCATED A MINIMUM OF FIFTY (50) FEET FROM ANY DRAINAGE INFRASTRUCTURE OR NATURAL DRAINAGE FEATURES OR WATER BODIES AND INCORPORATE AN IMPERMEABLE LINER TO CONTAIN THE REQUIRED VOLUME. ALL DRIED CONCRETE WASTE SHALL BE BROKEN INTO MANAGEABLE PIECES AND DISPOSED OF OFF-SITE AT AN APPROVED FACILITY.

QUAD CITY STANDARD DETAIL	EROSION AND SEDIMENTATION CONTROL NOTES	REVISED: 9/10/2021	DETAIL No. 105P-2

DEVELOP AN EROSION & SEDIMENT CONTROL PLAN

DATE	CONTROL MEASURE(S)	POLLUTANT SOURCE	POLLUTANT TYPE	PROJECT LOCATION
	EXAMPLE: SEDIMENT WATTLE			
	EXAMPLE: CONCRETE WASH-OUT			
	EXAMPLE: CONSTRUCTION ENTRANCE/EXIT GRAVEL PAD			

INSPECTION DATE	EVENT	ISSUES FOUND	CORRECTIVE MEASURE TAKEN

FILE NAME&PATH: K:\ENGINEERING\PROJECTS\FY23\FY22-CIP SUNDOG TRUNK MAIN PHASE C2\CADD\SHEETS\003 CIP 20-012 E&S.DWG

CITY OF PRESCOTT PUBLIC WORKS

EROSION & SEDIMENT
CONTROL PLAN

DATE 06/7/2023
SHEET NO. 6 OF 18

GARDEN ST AND WESTERN AVENUE
SANITARY SEWER AND ROADWAY IMPROVEMENTS

CITY OF PRESCOTT
Everybody's Hometown

PREPARED BY	CHECKED BY	FOR:
JAM	JL/BB	COP

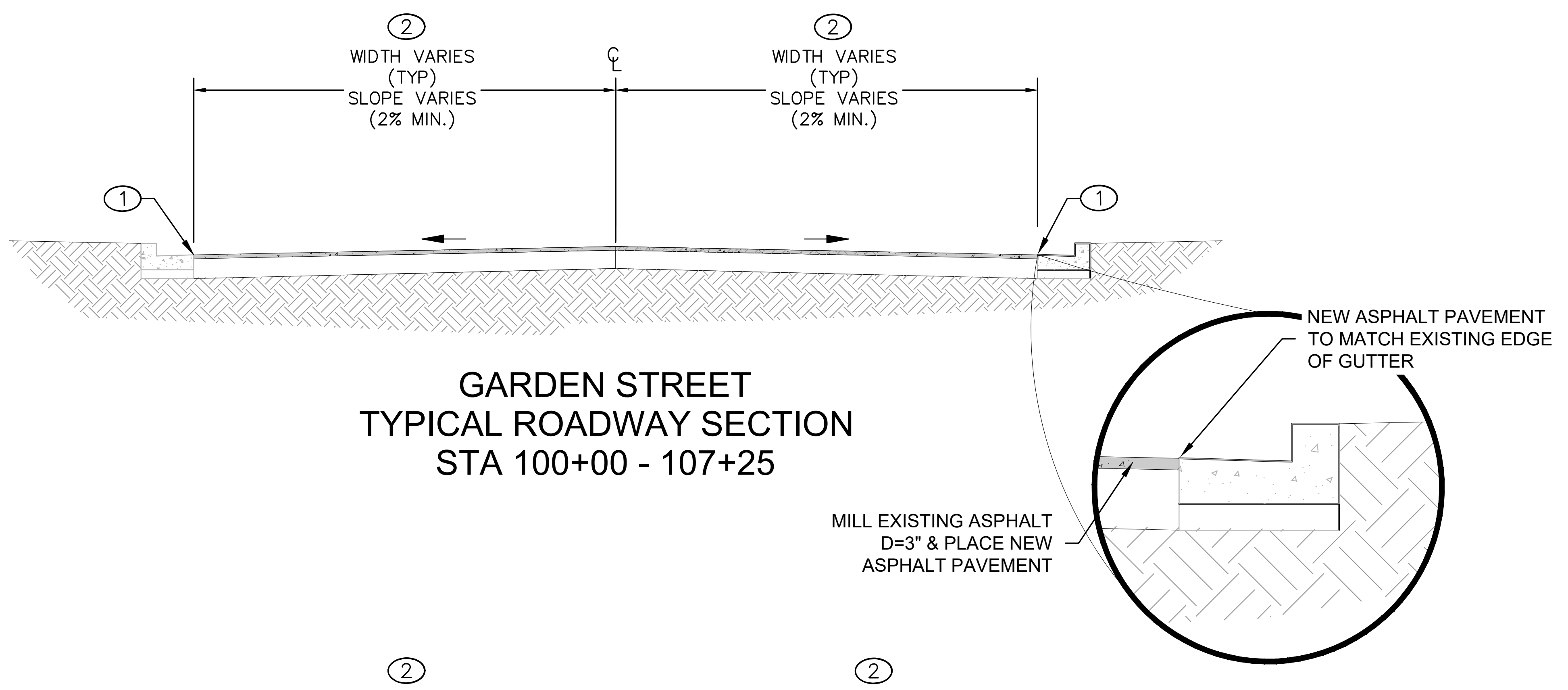
Registered Professional Engineer (Civil)
CERTIFICATE NO. 43830
IAN M. MATTINGLY
ARIZONA, U.S.A.

Call at least two full working days before you begin excavation.
ARIZONA811
Arizona Blue Stake, Inc.
Dial 8-1-1 or 1-800-STAKE-IT (782-5348)

NO.	BY	DATE	REVISIONS	APPR'V	DATE

ENGINEER
CITY
REVIEW:

CIP# 2302-001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SLOPE VARIES
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SLOPE VARIES
(2% MIN.)
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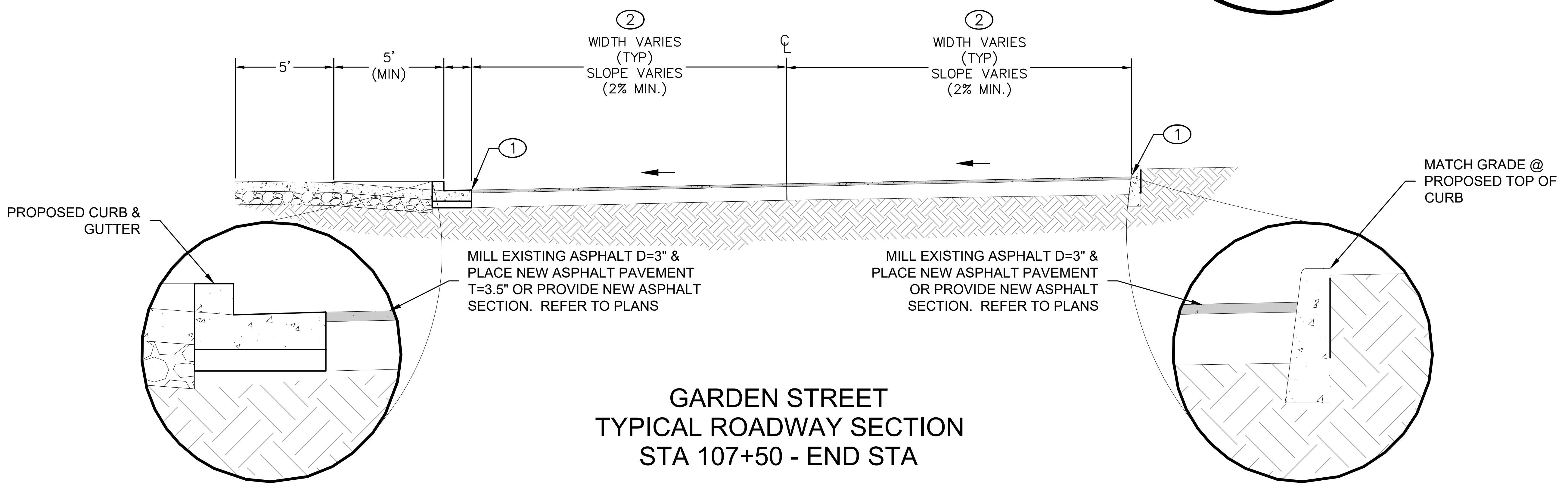
①
NEW ASPHALT PAVEMENT
TO MATCH EXISTING EDGE
OF GUTTER
MILL EXISTING ASPHALT
D=3" & PLACE NEW
ASPHALT PAVEMENT

GARDEN STREET
TYPICAL ROADWAY SECTION
STA 100+00 - 107+25


5'
5'
(MIN)
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SLOPE VARIES
(2% MIN.)
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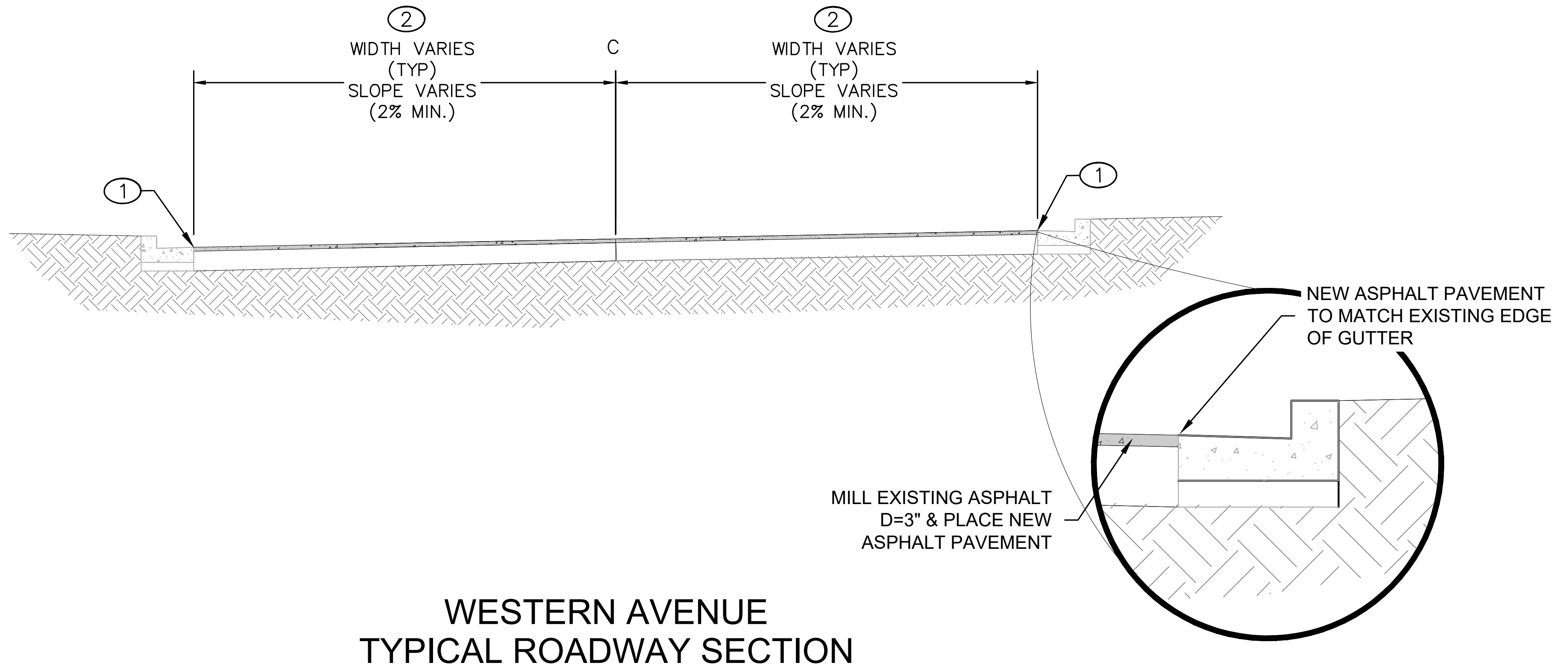
②
WIDTH VARIES
(TYP)
SLOPE VARIES
(2% MIN.)
①
①
PROPOSED CURB &
GUTTER
MATCH GRADE @
PROPOSED TOP OF
CURB
MILL EXISTING ASPHALT D=3" &
PLACE NEW ASPHALT PAVEMENT
T=3.5" OR PROVIDE NEW ASPHALT
SECTION. REFER TO PLANS
MILL EXISTING ASPHALT D=3" &
PLACE NEW ASPHALT PAVEMENT
OR PROVIDE NEW ASPHALT
SECTION. REFER TO PLANS

GARDEN STREET
TYPICAL ROADWAY SECTION
STA 107+50 - END STA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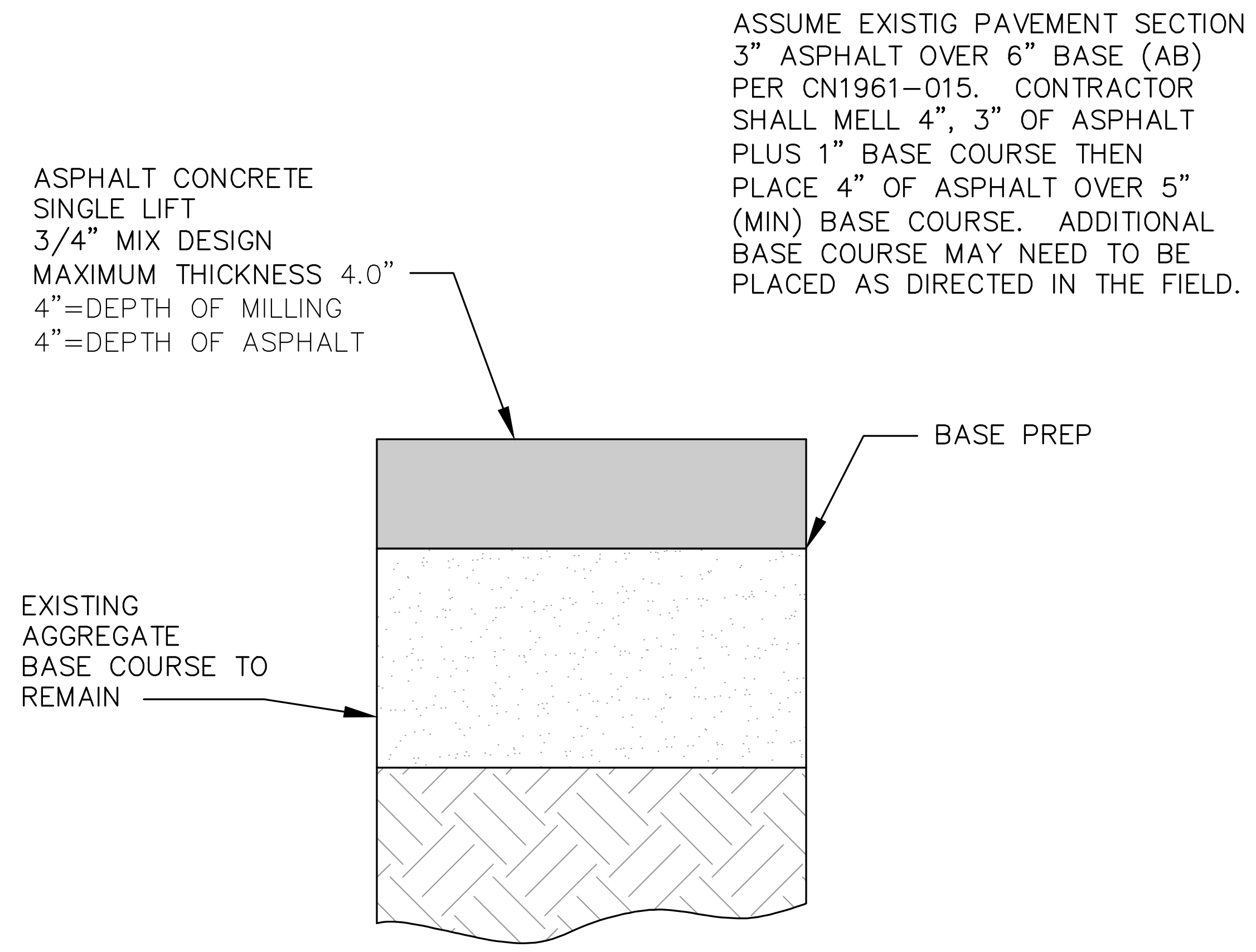
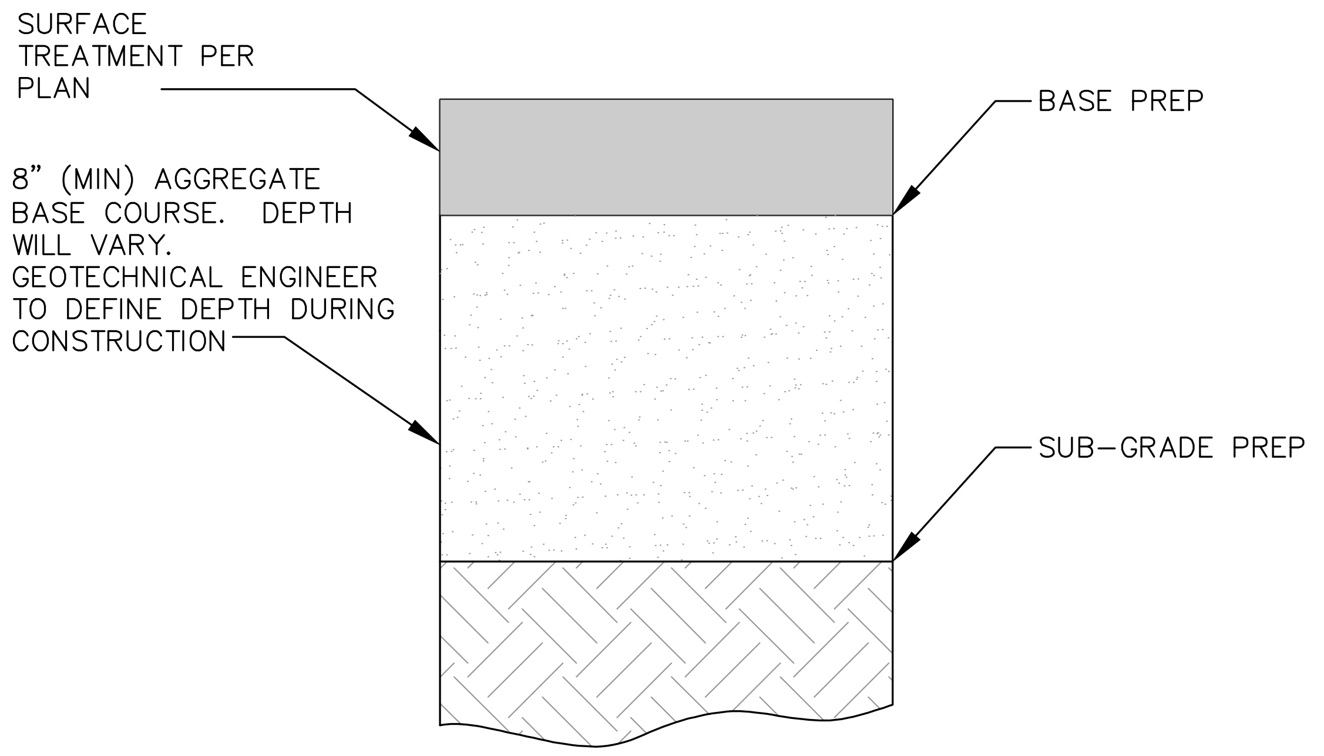
SLOPE VARIES
(2% MIN.)
①
①
NEW ASPHALT PAVEMENT
TO MATCH EXISTING EDGE
OF GUTTER
MILL EXISTING ASPHALT
D=3" & PLACE NEW
ASPHALT PAVEMENT

WESTERN AVENUE
TYPICAL ROADWAY SECTION
BEGIN STA - END STA


ASSUME EXISTIG PAVEMENT SECTION
3" ASPHALT OVER 6" BASE (AB)
PER CN1961-015. CONTRACTOR
SHALL MELL 4", 3" OF ASPHALT
PLUS 1" BASE COURSE THEN
PLACE 4" OF ASPHALT OVER 5"
(MIN) BASE COURSE. ADDITIONAL
BASE COURSE MAY NEED TO BE
PLACED AS DIRECTED IN THE FIELD.
ASPHALT CONCRETE
SINGLE LIFT
3/4" MIX DESIGN
MAXIMUM THICKNESS 4.0"
4"=DEPTH OF MILLING
4"=DEPTH OF ASPHALT
BASE PREP
EXISTING
AGGREGATE
BASE COURSE TO
REMAIN

B-1: SINGLE PAVEMENT LIFT
(NO SCALE)


SURFACE
TREATMENT PER
PLAN
BASE PREP
8" (MIN) AGGREGATE
BASE COURSE. DEPTH
WILL VARY.
GEOTECHNICAL ENGINEER
TO DEFINE DEPTH DURING
CONSTRUCTION
SUB-GRADE PREP

B2: UNSUITABLE SUBGRADE REPLACEMENT
(NO SCALE)

CONSTRUCTION KEY NOTES

IMPROVEMENTS

→	PROPOSED FLOW PATTERN
①	MILL & FILL LIMITS
②	MILL EXISTING ASPHALT CONCRETE, & PLACE NEW ASPHALT CONCRETE, DEPTH (D) SPECIFIED & IN ACCORDANCE WITH PAVEMENT TYPICAL SECTION(S) & DETAIL B-1: SINGLE PAVEMENT LIFT, SHEET 4.
③	UNSUITABLE SUBGRADE REPLACEMENT AS DIRECTED IN THE FIELD. MATCH EXISTING PAVEMENT STRUCTURAL SECTION OR 4" MIN. AC TO BE INSTALLED IN TWO LIFTS OVER 8" MIN ABC COMPACTED TO 95% OF STANDARD PROCTOR DENSITY, WHICHEVER IS GREATER AND IN ACCORDANCE WITH DETAIL B-2: UNSUITABLE SUBGRADE REPLACEMENT

NOTES:

STREET CROSS-SECTIONS VARY. CROSS-SECTIONS PROVIDED FOR PLANNING PURPOSES. CONTRACTOR SHALL MATCH EXISTING STREET CROSS SECTION IN THE FIELD.

CONTRACTOR SHALL PROVIDE AS-BUILT POINTS AFTER CONSTRUCTION IS COMPLETE TO VERIFY COMPLIANCE WITH CONSTRUCTION DOCUMENTS. IF CONTRACTOR DEVIATES FROM CONSTRUCTION DOCUMENTS, DESIGN ENGINEER SHALL BE CONTACTED PRIOR TO CONSTRUCTION.

CONTRACTOR SHALL SAWCUT @ EXISTING DRIVEWAYS AND PROVIDE SMOOTH TRANSITION FROM PROPOSED PAVEMENT TO EXISTING GRADE.

DRAWING SCALE
NOT TO SCALE

GARDEN ST AND WESTERN AVENUE
SANITARY SEWER AND ROADWAY IMPROVEMENTS

DATE 06/7/2023

SHEET NO. 7 OF 18

CITY OF PRESCOTT PUBLIC WORKS

TYPICAL PAVEMENT SECTION AND DETAILS

CITY OF PRESCOTT
Everybody's Hometown

PREPARED BY	CHECKED BY	FOR:
JAM	JL/BB	COP

Registered Professional Engineer (Civil)
43830
Date Signed 06/07/2023
100% REVIEW

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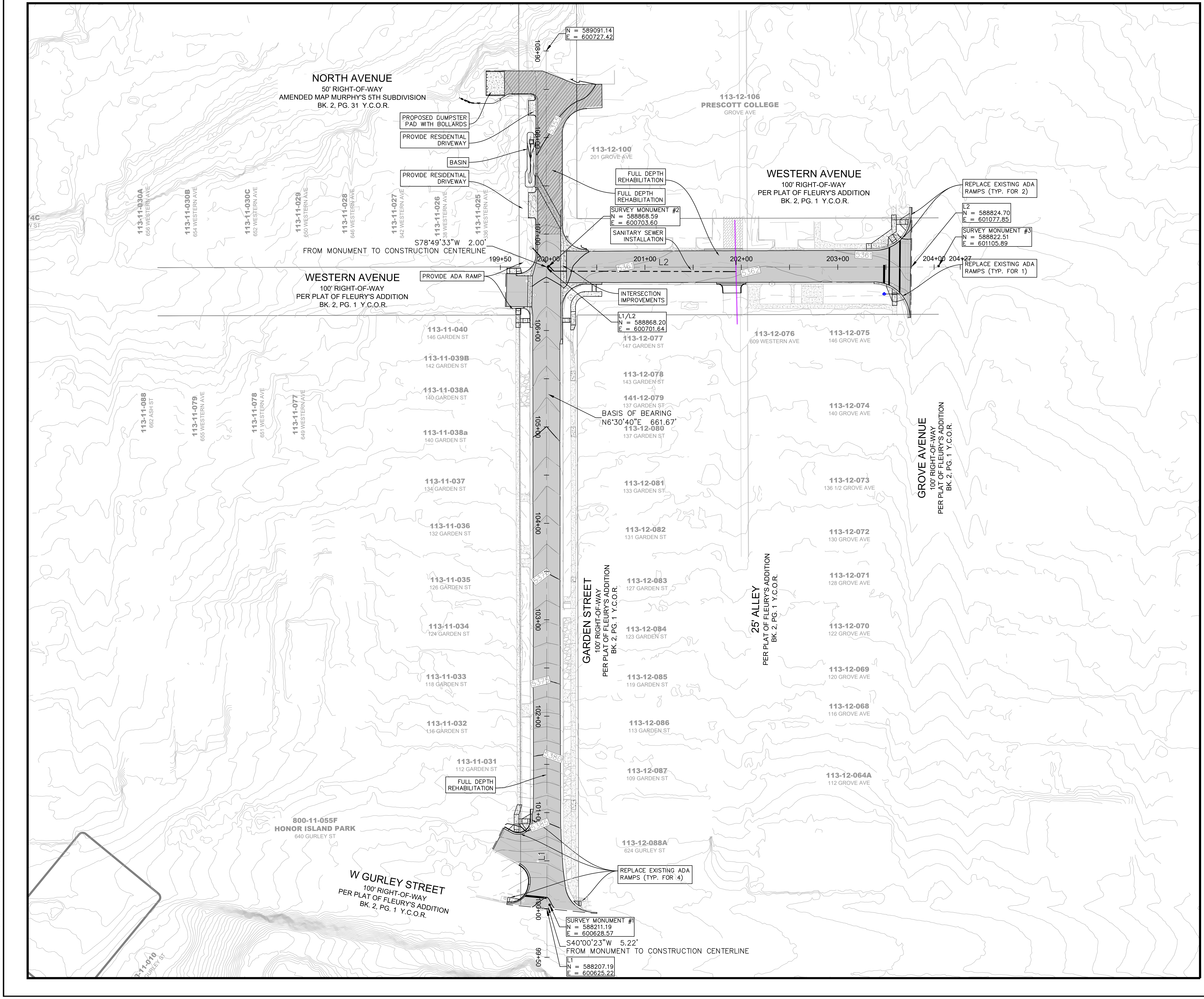
	ENGINEER			CITY	

CIP# 2302-001

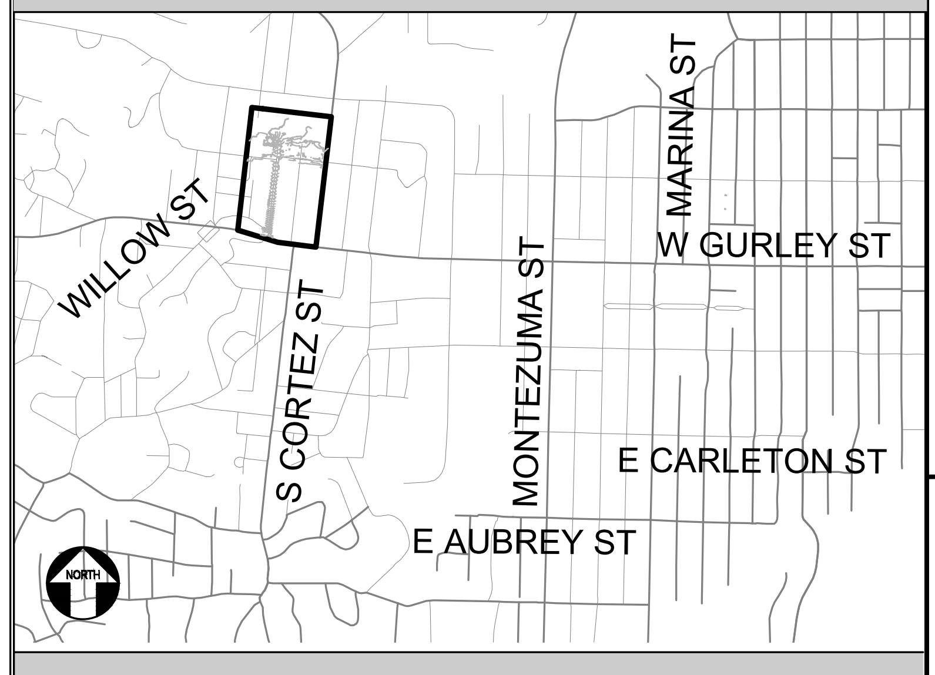
REVIEW:

FILE NAME&PATH: K:\ENGINEERING\PROJECTS\FY23\FY22-CIP SUNDOG TRUNK MAIN PHASE C2\CADD\SHEETS\004 C004 IP 20-012 TYPICAL SECTIONS.DWG

FILE NAME&PATH: K:\ENGINEERING\PROJECTS\FY23\FY22-CIP SUNDOG TRUNK MAIN PHASE C2\CADD\SHEETS\006 OA SUMMARY PLANS.DWG


N = 589091.14
E = 600727.42
108+00
NORTH AVENUE
50' RIGHT-OF-WAY
AMENDED MAP MURPHY'S 5TH SUBDIVISION
BK. 2, PG. 31 Y.C.O.R.
PROPOSED DUMPSTER PAD WITH BOLLARDS
PROVIDE RESIDENTIAL DRIVEWAY
BASIN
PROVIDE RESIDENTIAL DRIVEWAY
113-12-106
PRESCOTT COLLEGE
GROVE AVE
113-12-100
201 GROVE AVE
FULL DEPTH REHABILITATION
FULL DEPTH REHABILITATION
SURVEY MONUMENT #2
N = 588868.59
E = 600703.60
SANITARY SEWER INSTALLATION
WESTERN AVENUE
100' RIGHT-OF-WAY
PER PLAT OF FLEURY'S ADDITION
BK. 2, PG. 1 Y.C.O.R.
REPLACE EXISTING ADA RAMPS (TYP. FOR 2)
L2
N = 588824.70
E = 601077.85
SURVEY MONUMENT #3
N = 588822.51
E = 601105.89
REPLACE EXISTING ADA RAMPS (TYP. FOR 1)
113-11-030A
656 WESTERN AVE
113-11-030B
654 WESTERN AVE
113-11-030C
652 WESTERN AVE
113-11-029
650 WESTERN AVE
113-11-028
646 WESTERN AVE
113-11-027
642 WESTERN AVE
113-11-026
638 WESTERN AVE
113-11-025
636 WESTERN AVE
S78°49'33"W 2.00'
FROM MONUMENT TO CONSTRUCTION CENTERLINE
199+50
200+00
201+00
L2
202+00
203+00
204+00
204+27
WESTERN AVENUE
100' RIGHT-OF-WAY
PER PLAT OF FLEURY'S ADDITION
BK. 2, PG. 1 Y.C.O.R.
PROVIDE ADA RAMP
INTERSECTION IMPROVEMENTS
L1/L2
N = 588868.20
E = 600701.64
113-11-040
146 GARDEN ST
113-12-077
147 GARDEN ST
113-12-076
609 WESTERN AVE
113-12-075
146 GROVE AVE
113-11-039B
142 GARDEN ST
113-12-078
143 GARDEN ST
113-11-038A
140 GARDEN ST
141-12-079
137 GARDEN ST
113-11-088
662 ASH ST
113-11-079
655 WESTERN AVE
113-11-078
651 WESTERN AVE
113-11-077
649 WESTERN AVE
BASIS OF BEARING
N6°30'40"E 661.67'
113-12-080
137 GARDEN ST
113-12-074
140 GROVE AVE
113-11-038a
140 GARDEN ST
106+00
105+00
104+00
103+00
102+00
101+00
100+00
99+50
GROVE AVENUE
100' RIGHT-OF-WAY
PER PLAT OF FLEURY'S ADDITION
BK. 2, PG. 1 Y.C.O.R.
113-11-037
134 GARDEN ST
113-12-081
133 GARDEN ST
113-12-073
136 1/2 GROVE AVE
113-11-036
132 GARDEN ST
113-12-082
131 GARDEN ST
113-12-072
130 GROVE AVE
GARDEN STREET
100' RIGHT-OF-WAY
PER PLAT OF FLEURY'S ADDITION
BK. 2, PG. 1 Y.C.O.R.
25' ALLEY
PER PLAT OF FLEURY'S ADDITION
BK. 2, PG. 1 Y.C.O.R.
113-11-035
126 GARDEN ST
113-12-083
127 GARDEN ST
113-12-071
128 GROVE AVE
113-11-034
124 GARDEN ST
113-12-084
123 GARDEN ST
113-12-070
122 GROVE AVE
113-11-033
118 GARDEN ST
113-12-085
119 GARDEN ST
113-12-069
120 GROVE AVE
113-11-032
116 GARDEN ST
113-12-086
113 GARDEN ST
113-12-068
116 GROVE AVE
113-11-031
112 GARDEN ST
113-12-087
109 GARDEN ST
113-12-064A
112 GROVE AVE
FULL DEPTH REHABILITATION
800-11-055F
HONOR ISLAND PARK
640 GURLEY ST
113-12-088A
624 GURLEY ST
L1
REPLACE EXISTING ADA RAMPS (TYP. FOR 4)
W GURLEY STREET
100' RIGHT-OF-WAY
PER PLAT OF FLEURY'S ADDITION
BK. 2, PG. 1 Y.C.O.R.
SURVEY MONUMENT #1
N = 588211.19
E = 600628.57
S40°00'23"W 5.22'
FROM MONUMENT TO CONSTRUCTION CENTERLINE
L1
N = 588207.19
E = 600625.22
113-11-010
GURLEY ST

KEY MAP


WILLOW ST
S CORTEZ ST
MONTEZUMA ST
MARINA ST
W GURLEY ST
E CARLETON ST
E AUBREY ST
NORTH

VICINITY MAP

Survey Monuments				
Monument	Northing	Easting	Elevation	DESCRIPTION
1	588211.19	600628.57	5389.836	REBAR IN A HANDHOLE
2	588868.59	600703.60	5359.182	REBAR IN A HANDHOLE
3	588822.51	601105.89	5274.285	REBAR IN A HANDHOLE

LINE TABLE		
LINE #	DIRECTION	LENGTH
L1	N6°35'42"E	889.83'
L2	S83°24'18"E	429.36'

NOTES

PROPERTY AND CENTERLINE MONUMENTS ARE TO BE PROTECTED IN PLACE. IF DISTURBED OR REMOVED DURING CONSTRUCTION, MONUMENTS ARE TO BE REPLACED ACCORDING TO THE ARIZONA BOUNDARY SURVEY MINIMUM STANDARDS, OR THE QUAD CITY STANDARD DETAILS 120Q, TYPE A, B, OR C AS APPLICABLE.

NORTH

0 25 50 Ft

DRAWING SCALE
1"=50 ft Horizontal
(this scale is valid for
22"x34" sheets only)

DATE 06/7/2023

SHEET NO. 8 OF 18

CITY OF PRESCOTT PUBLIC WORKS

SURVEY CONTROL PLAN & OVERALL SUMMARY PLAN

CITY OF PRESCOTT
Everybody's Hometown

PREPARED BY JAM
CHECKED BY JL/BB
FOR: COP

Registered Professional Engineer (Civil)
CERTIFICATE NO. 43830
IAN M. MATTINGLY
Date Signed 06/07/2023
ARIZONA, U.S.A.

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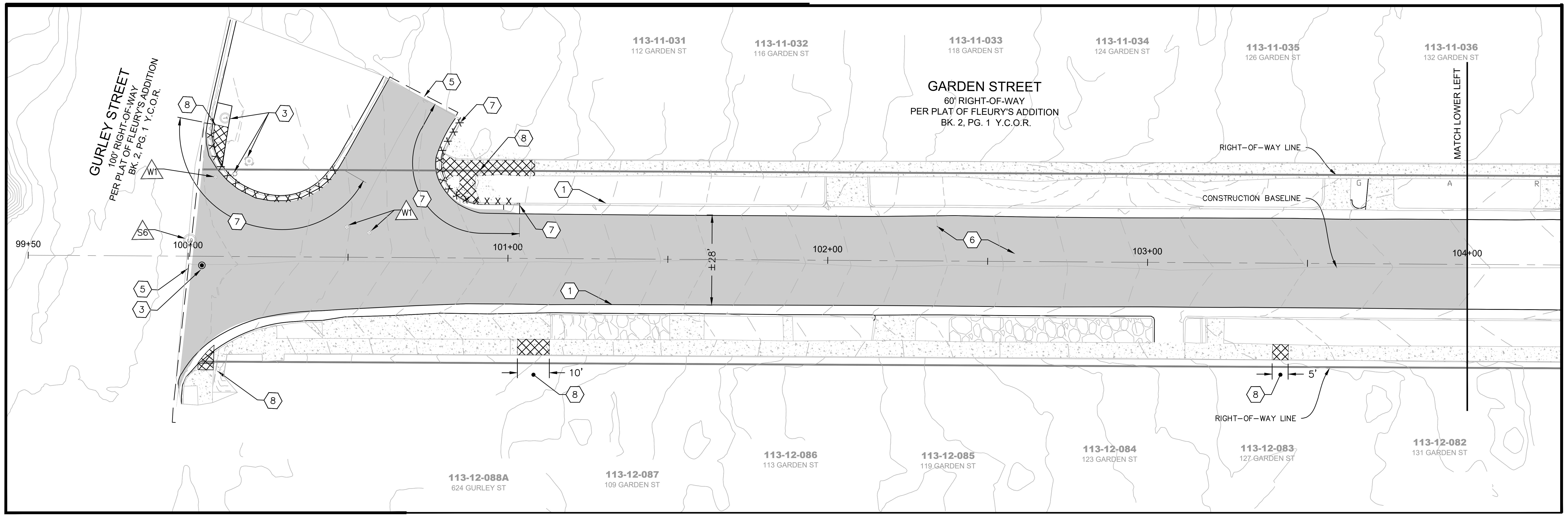
NO.	BY	DATE	REVISIONS	APPRV	DATE
	ENGINEER			CITY	

CIP# 2302-001

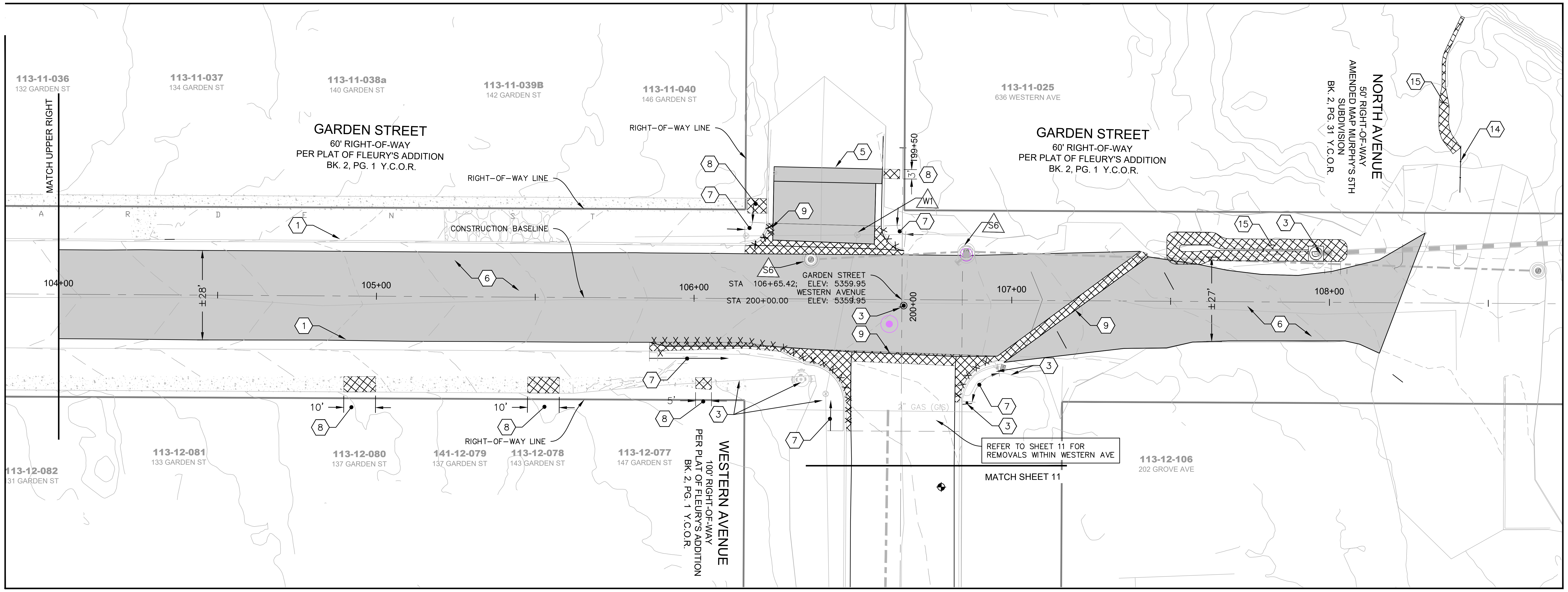
REVIEW:

GARDEN ST AND WESTERN AVENUE
SANITARY SEWER AND ROADWAY IMPROVEMENTS


113-11-031
112 GARDEN ST
113-11-032
116 GARDEN ST
113-11-033
118 GARDEN ST
113-11-034
124 GARDEN ST
113-11-035
126 GARDEN ST
113-11-036
132 GARDEN ST
GURLEY STREET
100' RIGHT-OF-WAY
PER PLAT OF FLEURY'S ADDITION
BK. 2, PG. 1 Y.C.O.R.
GARDEN STREET
60' RIGHT-OF-WAY
PER PLAT OF FLEURY'S ADDITION
BK. 2, PG. 1 Y.C.O.R.
RIGHT-OF-WAY LINE
CONSTRUCTION BASELINE
MATCH LOWER LEFT
99+50
100+00
101+00
102+00
103+00
104+00
±28'
10'
5'
RIGHT-OF-WAY LINE
W1
S6
1
3
5
6
7
8
113-12-088A
624 GURLEY ST
113-12-087
109 GARDEN ST
113-12-086
113 GARDEN ST
113-12-085
119 GARDEN ST
113-12-084
123 GARDEN ST
113-12-083
127 GARDEN ST
113-12-082
131 GARDEN ST

GARDEN STREET
EXISTING CONDITIONS & REMOVALS
STA 100+00 - STA 104+00

HORIZONTAL SCALE: 1"=20'


113-11-036
132 GARDEN ST
113-11-037
134 GARDEN ST
113-11-038a
140 GARDEN ST
113-11-039B
142 GARDEN ST
113-11-040
146 GARDEN ST
113-11-025
636 WESTERN AVE
MATCH UPPER RIGHT
GARDEN STREET
60' RIGHT-OF-WAY
PER PLAT OF FLEURY'S ADDITION
BK. 2, PG. 1 Y.C.O.R.
RIGHT-OF-WAY LINE
CONSTRUCTION BASELINE
104+00
105+00
106+00
107+00
108+00
199+50
200+00
±28'
±27'
3'
STA 106+65.42; GARDEN STREET ELEV: 5359.95
STA 200+00.00 WESTERN AVENUE ELEV: 5359.95
NORTH AVENUE
50' RIGHT-OF-WAY
AMENDED MAP MURPHY'S 5TH
SUBDIVISION
BK. 2, PG. 31 Y.C.O.R.
WESTERN AVENUE
100' RIGHT-OF-WAY
PER PLAT OF FLEURY'S ADDITION
BK. 2, PG. 1 Y.C.O.R.
2" GAS (GIS)
REFER TO SHEET 11 FOR REMOVALS WITHIN WESTERN AVE
MATCH SHEET 11
10'
10'
5'
RIGHT-OF-WAY LINE
S6
W1
1
3
5
6
7
8
9
14
15
113-12-082
131 GARDEN ST
113-12-081
133 GARDEN ST
113-12-080
137 GARDEN ST
141-12-079
137 GARDEN ST
113-12-078
143 GARDEN ST
113-12-077
147 GARDEN ST
113-12-106
202 GROVE AVE

GARDEN STREET
EXISTING CONDITIONS & REMOVALS
STA 104+00 - END STA

HORIZONTAL SCALE: 1"=20'

FILE NAME&PATH: K:\ENGINEERING\PROJECTS\FY23\FY22-CIP SUNDOG TRUNK MAIN PHASE C2\CADD\SHEETS\005 REMOVALS.DWG

KEY MAP

WESTERN AVE
SHEET 11
GARDEN ST
SHEET 10
GROVE AVE
GURLEY ST
PARK AVE
NORTH

NORTH

0 10 20 Ft

DRAWING SCALE
1"=20 ft Horizontal
(this scale is valid for
22"x34" sheets only)

CONSTRUCTION KEY NOTES

PROTECT IN PLACE/REMOVALS

1	PROTECT ALL CONCRETE CURBS IN PLACE UNLESS OTHERWISE NOTED ON PLANS.
2	TRIM / REMOVE TREE
3	PROTECT IN PLACE

- FIRE HYDRANT
- WM WATERMETER
- BOV BLOW-OFF VALVE
- ⊗ WATER VALVE
- STORM CULVERT
- SIGN
- STORM STRUC.
- ▨ VALLEY GUTTER
- — GAS
- Ⓢ SSMH
- ⊙ SURVEY MARKER
- GUARDRAIL
- LIGHT POLE

DEMOLITION NOTES

4	LIMITS OF CLEARING & GRUBBING AS DETERMINED DURING CONSTRUCTION.
5	SAWCUT ASPHALT PAVEMENT
6	REMOVE ASPHALT PAVEMENT
7	REMOVE CURB AND GUTTER TO NEAREST JOINT
8	REMOVE CONCRETE SIDEWALK TO NEAREST JOINT
9	REMOVE CONCRETE SPANDREL AND CROSS-GUTTER
14	REMOVE GUARDRAIL
15	CUT

UTILITIES

S6	LOWER MANHOLE FRAME AND COVER PRIOR TO MILL & FILL. RAISE MANHOLE FRAME AND COVER IN ACCORDANCE WITH QCSD 422Q ONCE FINAL PAVEMENT SURFACE IS ACCEPTED BY CITY.
W1	LOWER VALVE BOX PRIOR TO MILL & FILL. RAISE VALVE BOX IN ACCORDANCE WITH QCSD 391Q ONCE FINAL PAVEMENT SURFACE IS ACCEPTED BY CITY.

GARDEN ST AND WESTERN AVENUE
SANITARY SEWER AND ROADWAY IMPROVEMENTS

DATE 06/7/2023
SHEET NO. 9 OF 18

CITY OF PRESCOTT PUBLIC WORKS

GARDEN STREET
EXISTING CONDITIONS & REMOVALS
STA 100+00 - END STA

CITY OF PRESCOTT
Everybody's Hometown

PREPARED BY: JAM
CHECKED BY: JL/BB
FOR: COP

43830
IAN M.
MATTINGLY
Date Signed 06/07/2023

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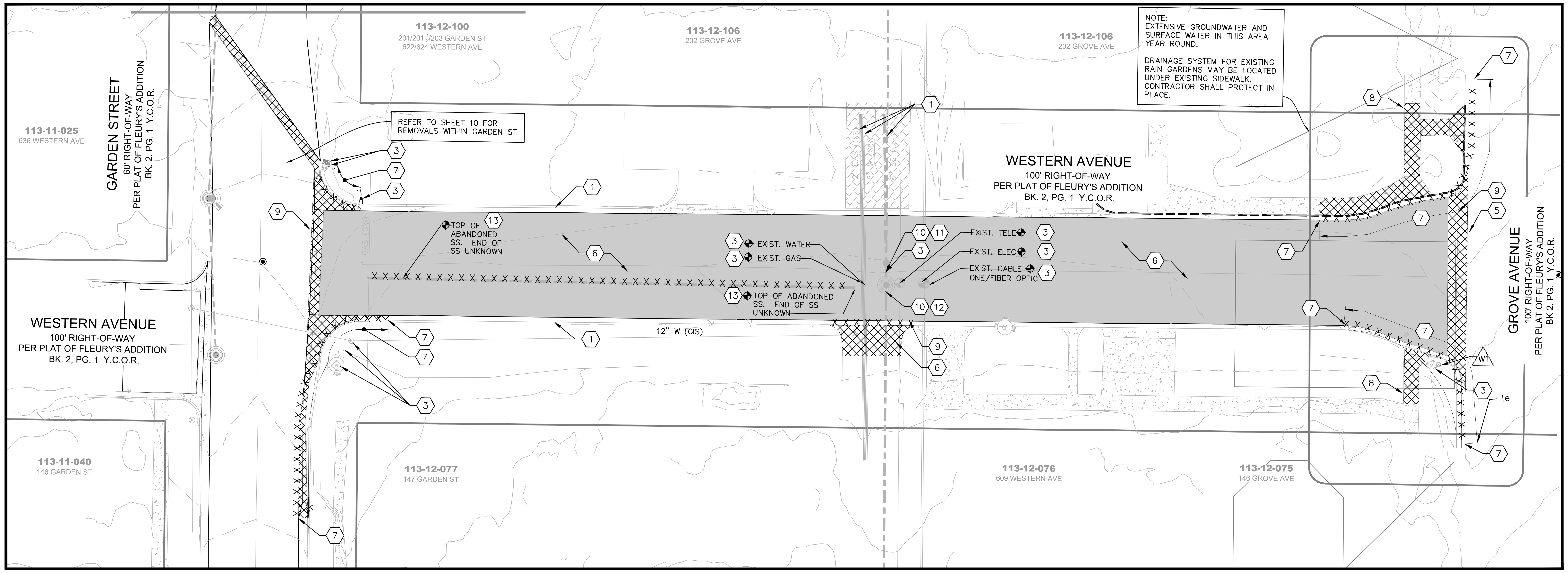
	ENGINEER			CITY	

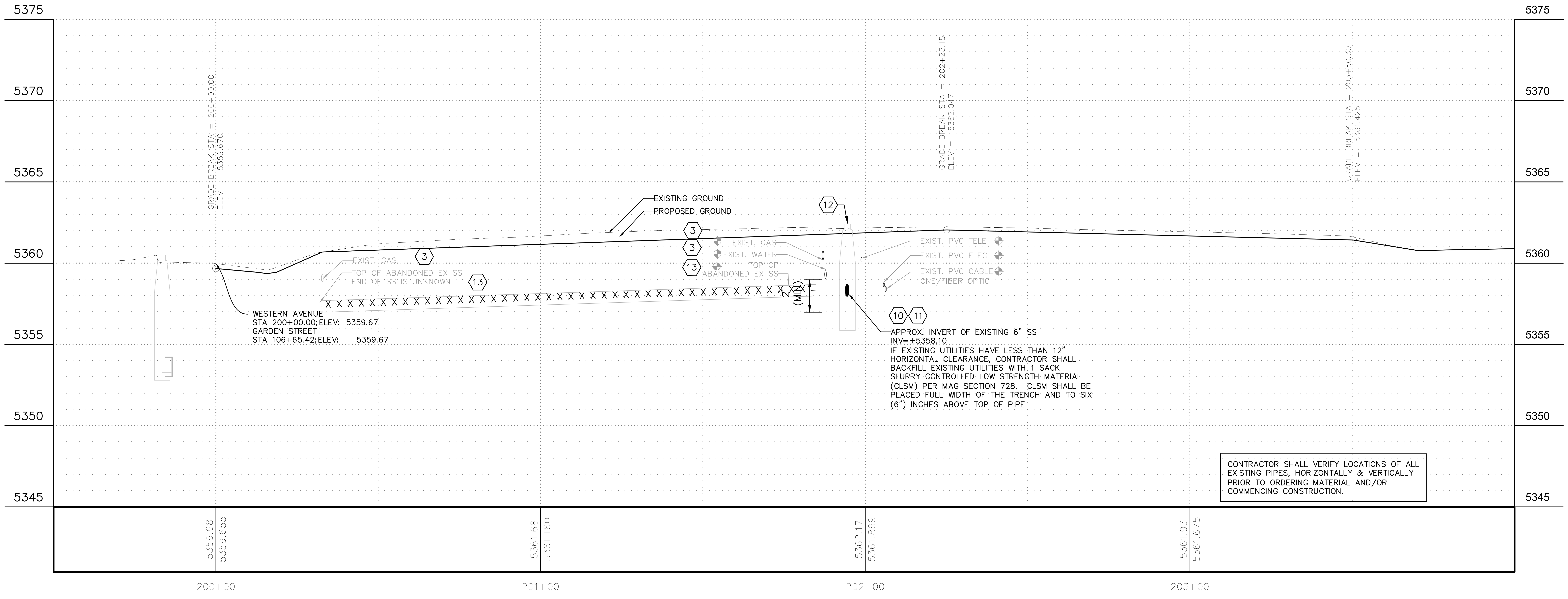
CIP# 2302-001

REVIEW:


113-12-100
201/201 ½/203 GARDEN ST
622/624 WESTERN AVE
113-12-106
202 GROVE AVE
113-12-106
202 GROVE AVE
113-11-025
636 WESTERN AVE
GARDEN STREET
60' RIGHT-OF-WAY
PER PLAT OF FLEURY'S ADDITION
BK. 2, PG. 1 Y.C.O.R.
REFER TO SHEET 10 FOR REMOVALS WITHIN GARDEN ST
WESTERN AVENUE
100' RIGHT-OF-WAY
PER PLAT OF FLEURY'S ADDITION
BK. 2, PG. 1 Y.C.O.R.
TOP OF ABANDONED SS. END OF SS UNKNOWN
EXIST. WATER
EXIST. GAS
TOP OF ABANDONED SS. END OF SS UNKNOWN
EXIST. TELE
EXIST. ELEC
EXIST. CABLE ONE/FIBER OPTIC
12" W (GIS)
2" GAS (GIS)
6" W (GIS)
6" SS (GIS)
NOTE:
EXTENSIVE GROUNDWATER AND SURFACE WATER IN THIS AREA YEAR ROUND.
DRAINAGE SYSTEM FOR EXISTING RAIN GARDENS MAY BE LOCATED UNDER EXISTING SIDEWALK. CONTRACTOR SHALL PROTECT IN PLACE.
GROVE AVENUE
100' RIGHT-OF-WAY
PER PLAT OF FLEURY'S ADDITION
BK 2, PG. 1 Y.C.O.R.
W1
Ie
113-11-040
146 GARDEN ST
113-12-077
147 GARDEN ST
113-12-076
609 WESTERN AVE
113-12-075
146 GROVE AVE
1
3
5
6
7
8
9
10
11
12
13

WESTERN AVE
EXISTING CONDITIONS & REMOVALS

HORIZONTAL SCALE: 1"=20'


5375
5370
5365
5360
5355
5350
5345
GRADE BREAK STA = 200+00.00
ELEV = 5359.670
GRADE BREAK STA = 202+25.15
ELEV = 5362.047
GRADE BREAK STA = 203+50.30
ELEV = 5361.425
EXISTING GROUND
PROPOSED GROUND
EXIST. GAS
TOP OF ABANDONED EX SS
END OF SS IS UNKNOWN
EXIST. GAS
EXIST. WATER
TOP OF ABANDONED EX SS
EXIST. PVC TELE
EXIST. PVC ELEC
EXIST. PVC CABLE ONE/FIBER OPTIC
2' (MIN)
3
12
13
10
11
5359.98
5359.655
5361.68
5361.160
5362.17
5361.869
5361.93
5361.675
200+00
201+00
202+00
203+00

WESTERN AVENUE
STA 200+00.00;ELEV: 5359.67
GARDEN STREET
STA 106+65.42;ELEV: 5359.67

APPROX. INVERT OF EXISTING 6" SS
INV=±5358.10
IF EXISTING UTILITIES HAVE LESS THAN 12" HORIZONTAL CLEARANCE, CONTRACTOR SHALL BACKFILL EXISTING UTILITIES WITH 1 SACK SLURRY CONTROLLED LOW STRENGTH MATERIAL (CLSM) PER MAG SECTION 728. CLSM SHALL BE PLACED FULL WIDTH OF THE TRENCH AND TO SIX (6") INCHES ABOVE TOP OF PIPE

CONTRACTOR SHALL VERIFY LOCATIONS OF ALL EXISTING PIPES, HORIZONTALLY & VERTICALLY PRIOR TO ORDERING MATERIAL AND/OR COMMENCING CONSTRUCTION.

EXISTING CONDITIONS/REMOVALS PROFILE

HORIZONTAL SCALE: 1"=20'
VERTICAL SCALE: 1"=4'

KEY MAP

WESTERN AVE
SHEET 11
GARDEN ST
SHEET 10
GROVE AVE
GURLEY ST
PARK AVE
NORTH

CONSTRUCTION KEY NOTES

PROTECT IN PLACE/REMOVALS

1 PROTECT ALL CONCRETE CURBS IN PLACE UNLESS OTHERWISE NOTED ON PLANS.

2 TRIM / REMOVE TREE

3 PROTECT IN PLACE

	FIRE HYDRANT		STORM STRUC.
WM	WATERMETER	▨	VALLEY GUTTER
BOV	BLOW-OFF VALVE	—	GAS
⊗	WATER VALVE	Ⓢ	SSMH
═	STORM CULVERT	⊙	SURVEY MARKER
	SIGN		GUARDRAIL

DEMOLITION NOTES

4 LIMITS OF CLEARING & GRUBBING AS DETERMINED DURING CONSTRUCTION.

5 SAWCUT ASPHALT PAVEMENT

6 REMOVE ASPHALT PAVEMENT

7 REMOVE CURB AND GUTTER TO NEAREST JOINT

8 REMOVE CONCRETE SIDEWALK TO NEAREST JOINT

9 REMOVE CONCRETE SPANDREL AND CROSS-GUTTER

10 LOCATE EXIST. 6" SS. CONTRACTOR SHALL PROVIDE TEMPORARY BY-PASS PUMPING OF EXISTING FLOWS IN ACCORDANCE WITH SUPPLEMENT TO THE MARICOPA ASSOCIATION OF GOVERNMENT (MAG) UNIFORM STD SPECS & DETAILS FOR PUBLIC WORKS CONSTRUCTION, 200.2 BYPASS PUMPING. BY-PASS PUMPING TO REMAIN UNTIL PROPOSED SANITARY SEWER IS FULLY OPERATIONAL.

11 AFTER TEMPORARY BY-PASS IS IN PLACE (KEY NOTE 10) CONTRACTOR SHALL CUT 6" PVC SS & PLUG WITH WATERPROOF GROUT AND REMOVE ±5' PVC SS

12 AFTER TEMPORARY BY-PASS IS IN PLACE (KEY NOTE 10) CONTRACTOR SHALL REMOVE EX SSMH.

13 REMOVE ABANDONED SS. END OF PIPE UNKNOWN

⊕ LOCATION OF POT HOLE

UTILITIES

W1 LOWER VALVE BOX PRIOR TO MILL & FILL. RAISE VALVE BOX IN ACCORDANCE WITH QCSD 391Q ONCE FINAL PAVEMENT SURFACE IS ACCEPTED BY CITY.

NORTH

0 10 20 Ft

DRAWING SCALE
1"=20 ft Horizontal
(this scale is valid for
22"x34" sheets only)

GARDEN ST AND WESTERN AVENUE

DATE 06/7/2023
SHEET NO. 10 OF 18

CITY OF PRESCOTT PUBLIC WORKS

WESTERN AVE
EXISTING CONDITIONS & REMOVALS

CITY OF PRESCOTT
Everybody's Hometown

PREPARED BY	CHECKED BY	FOR:
JAM	JL/BB	COP

43830
IAN M. MATTINGLY
Date Signed 06/07/2023

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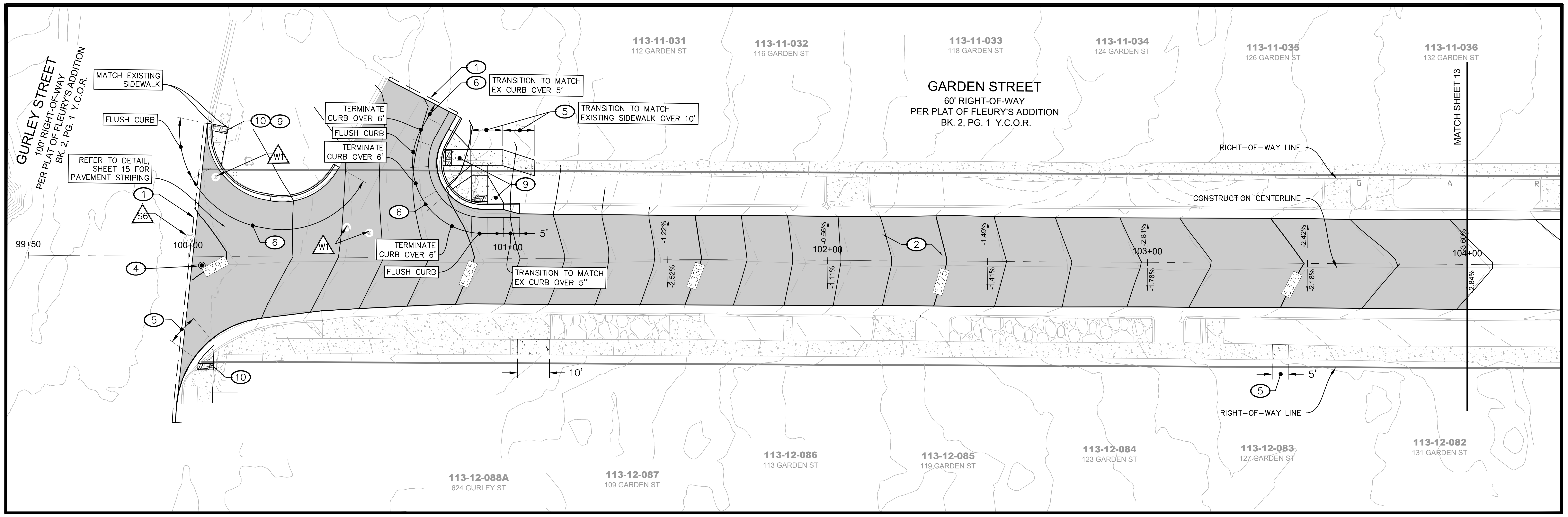
NO.	BY	DATE	REVISIONS	APPRV	DATE
ENGINEER				CITY	

REVIEW:

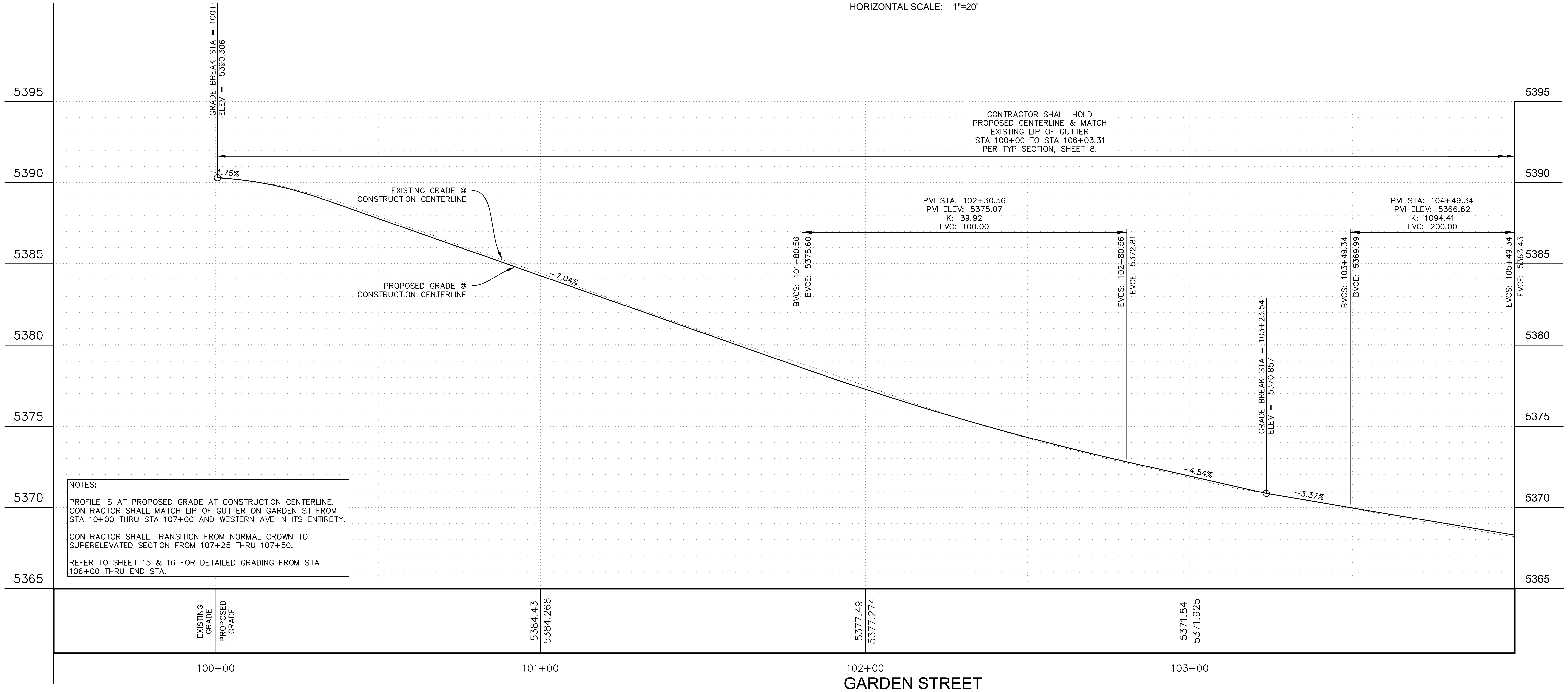
CIP# 2302-001

FILE NAME&PATH: K:\ENGINEERING\PROJECTS\FY23\FY22-CIP SUNDOG TRUNK MAIN PHASE C2\CADD\SHEETS\005 REMOVALS.DWG


GURLEY STREET
100' RIGHT-OF-WAY
PER PLAT OF FLEURY'S ADDITION
BK. 2, PG. 1 Y.C.O.R.
GARDEN STREET
60' RIGHT-OF-WAY
PER PLAT OF FLEURY'S ADDITION
BK. 2, PG. 1 Y.C.O.R.
MATCH EXISTING SIDEWALK
FLUSH CURB
REFER TO DETAIL, SHEET 15 FOR PAVEMENT STRIPING
TERMINATE CURB OVER 6'
TERMINATE CURB OVER 6'
TRANSITION TO MATCH EX CURB OVER 5'
TRANSITION TO MATCH EXISTING SIDEWALK OVER 10'
TERMINATE CURB OVER 6'
FLUSH CURB
TRANSITION TO MATCH EX CURB OVER 5''
RIGHT-OF-WAY LINE
CONSTRUCTION CENTERLINE
MATCH SHEET 13
99+50
100+00
101+00
102+00
103+00
104+00
5'
10'
5'
-1.22%
-2.52%
-0.56%
-1.11%
-1.49%
-1.41%
-2.81%
-1.78%
-2.42%
-2.18%
-3.60%
-2.84%
113-11-031 112 GARDEN ST
113-11-032 116 GARDEN ST
113-11-033 118 GARDEN ST
113-11-034 124 GARDEN ST
113-11-035 126 GARDEN ST
113-11-036 132 GARDEN ST
113-12-088A 624 GURLEY ST
113-12-087 109 GARDEN ST
113-12-086 113 GARDEN ST
113-12-085 119 GARDEN ST
113-12-084 123 GARDEN ST
113-12-083 127 GARDEN ST
113-12-082 131 GARDEN ST
1
2
4
5
6
9
10
S6
W1

GARDEN STREET
PROPOSED PAVEMENT IMPROVEMENTS PLAN
STA 100+00 - STA 104+00

HORIZONTAL SCALE: 1"=20'



NOTES:

PROFILE IS AT PROPOSED GRADE AT CONSTRUCTION CENTERLINE. CONTRACTOR SHALL MATCH LIP OF GUTTER ON GARDEN ST FROM STA 10+00 THRU STA 107+00 AND WESTERN AVE IN ITS ENTIRETY.

CONTRACTOR SHALL TRANSITION FROM NORMAL CROWN TO SUPERELEVATED SECTION FROM 107+25 THRU 107+50.

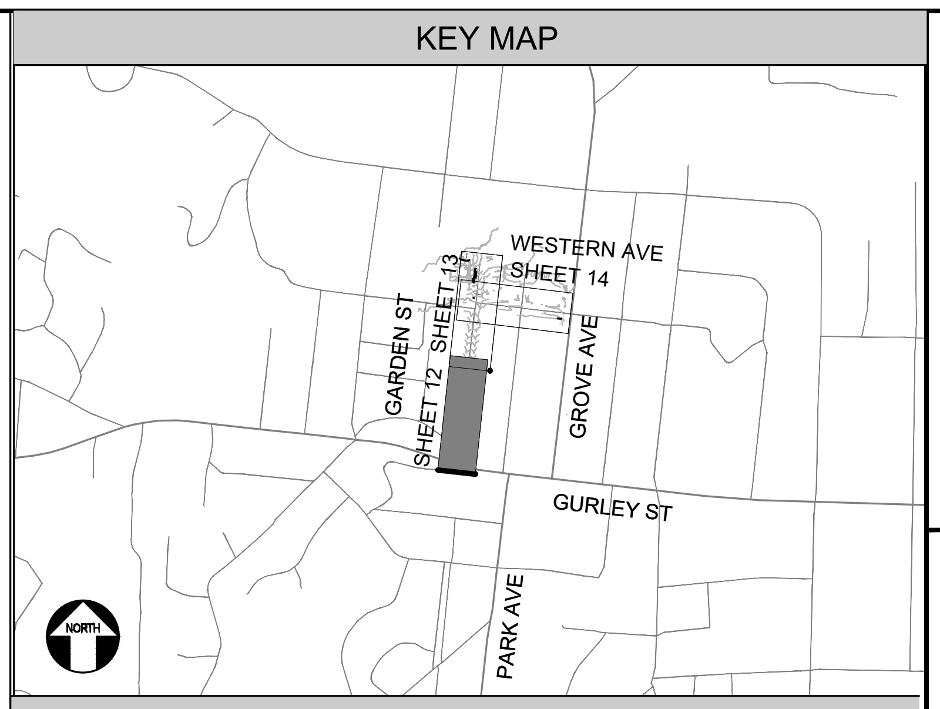
REFER TO SHEET 15 & 16 FOR DETAILED GRADING FROM STA 106+00 THRU END STA.

GARDEN STREET
PROPOSED PAVEMENT IMPROVEMENTS PROFILE
STA 100+00 - STA 104+00

HORIZONTAL SCALE: 1"=20'
VERTICAL SCALE: 1"=4'

FILE NAME&PATH: K:\ENGINEERING\PROJECTS\FY23\FY22-CIP SUNDOG TRUNK MAIN PHASE C2\CADD\SHEETS\007 CIP 20-012 AREA 3 PLANS.DWG

KEY MAP


WESTERN AVE
SHEET 14
SHEET 13
SHEET 12
GARDEN ST
GROVE AVE
GURLEY ST
PARK AVE
NORTH

CONSTRUCTION KEY NOTES

IMPROVEMENTS

→	PROPOSED FLOW PATTERN
①	MILL & FILL LIMITS
②	MILL EXISTING ASPHALT CONCRETE, & PLACE NEW ASPHALT CONCRETE, DEPTH (D) SPECIFIED & IN ACCORDANCE WITH PAVEMENT TYPICAL SECTION(S) & DETAIL B-1: SINGLE PAVEMENT LIFT, SHEET 4 IN ACCORDANCE WITH QCSD 200Q-1.
③	UNSUITABLE SUBGRADE REPLACEMENT AS DIRECTED IN THE FIELD. MATCH EXISTING PAVEMENT STRUCTURAL SECTION OR 4" MIN. AC TO BE INSTALLED IN TWO LIFTS OVER 8" MIN ABC COMPACTED TO 95% OF STANDARD PROCTOR DENSITY, WHICHEVER IS GREATER AND IN ACCORDANCE WITH DETAIL B-2: UNSUITABLE SUBGRADE REPLACEMENT
④	SURVEY MONUMENTS SHALL BVE LOCATED BY AN ARIZONA LAND SURVEYOR PRIOR TO CONSTRUCTION AND ADJUSTED PER QCSD 270Q. IF DETERMINED THAT THE SURVEY MONUMENT CANNOT BE ADJUSTED, THE MONUMENT SHALL BE REPLACED PER QCSD 120Q, TYPE 'A'.
⑤	CONSTRUCT CONCRETE SIDEWALK IN ACCORDANCE WITH QCSD 230Q
⑥	CONSTRUCT CURB & GUTTER TO NEAREST JOINT IN ACCORDANCE WITH QCSD 220Q-1, TYPE 'A'
⑨	CONSTRUCT DIRECTIONAL SIDEWALK RAMPS IN ACCORDANCE WITH QCSD 232Q
⑩	CONSTRUCT CURB MODIFICATION WITH DETECTABLE WARNING IN ACCORDANCE WITH MAG STD DETAIL 234.

UTILITIES

S6	LOWER MANHOLE FRAME AND COVER PRIOR TO MILL & FILL. RAISE MANHOLE FRAME AND COVER IN ACCORDANCE WITH QCSD 422Q ONCE FINAL PAVEMENT SURFACE IS ACCEPTED BY CITY.
W1	LOWER VALVE BOX PRIOR TO MILL & FILL. RAISE VALVE BOX IN ACCORDANCE WITH QCSD 391Q ONCE FINAL PAVEMENT SURFACE IS ACCEPTED BY CITY.

NORTH

0 10 20 Ft

DRAWING SCALE
1"=20 ft Horizontal
(this scale is valid for 22"x34" sheets only)

DATE 06/7/2023

SHEET NO. 11 OF 18

GARDEN ST AND WESTERN AVENUE
SANITARY SEWER AND ROADWAY IMPROVEMENTS

CITY OF PRESCOTT PUBLIC WORKS

GARDEN STREET
PROPOSED IMPROVEMENTS
PLAN & PROFILE
STA 100+00 - STA 104+00

CITY OF PRESCOTT
Everybody's Hometown

PREPARED BY	CHECKED BY	FOR:
JAM	JL/BB	COP

Registered Professional Engineer (Civil)
CERTIFICATE NO. 43830
IAN M. MATTINGLY
Date Signed 6/7/23
ARIZONA, U.S.A.

Call at least two full working days before you begin excavation.
ARIZONA 811
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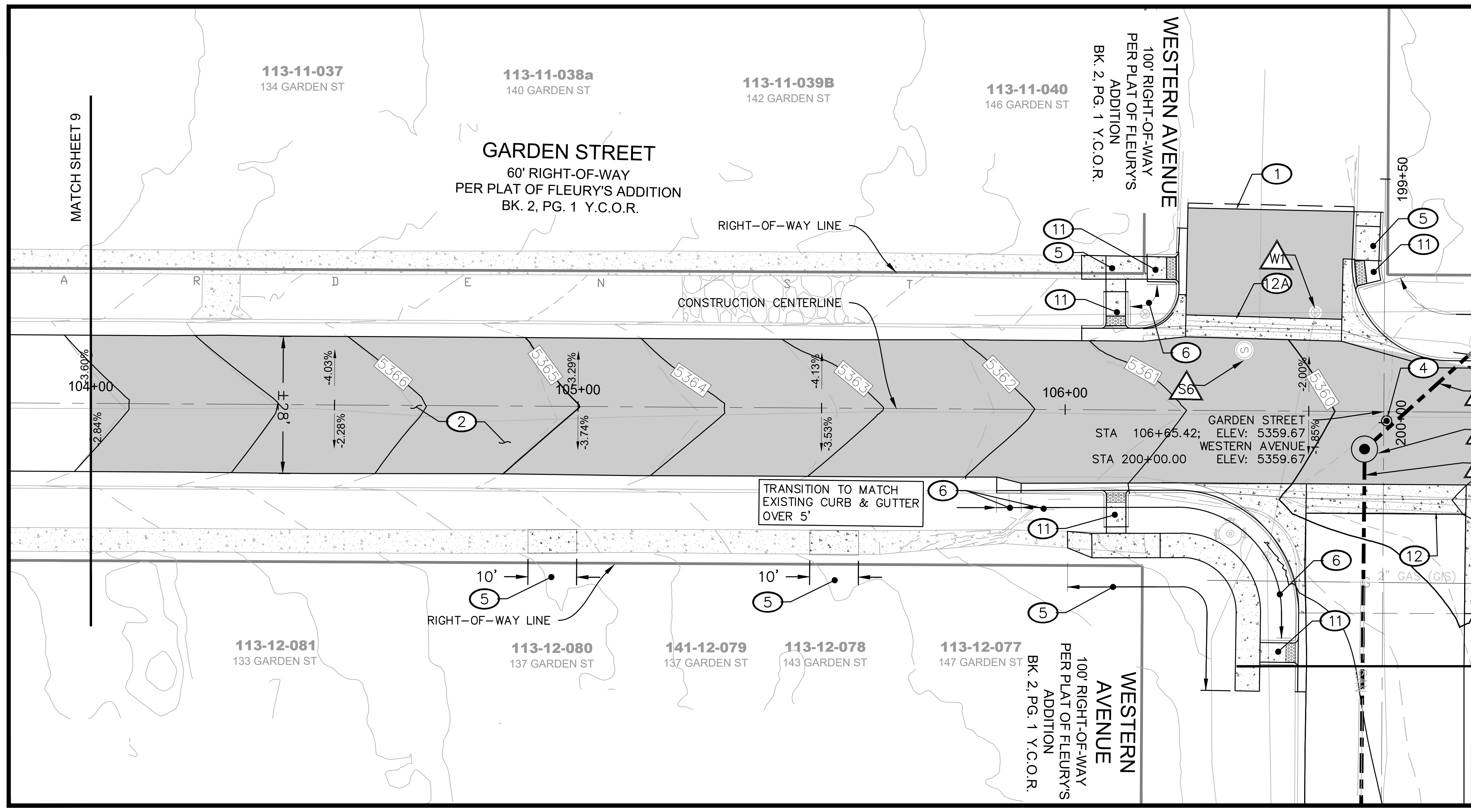
Dial 8-1-1 or 1-800-STAKE-IT (782-5348)

NO.	BY	DATE	REVISIONS	APPRV	DATE
ENGINEER				CITY	

CIP# 2302-001

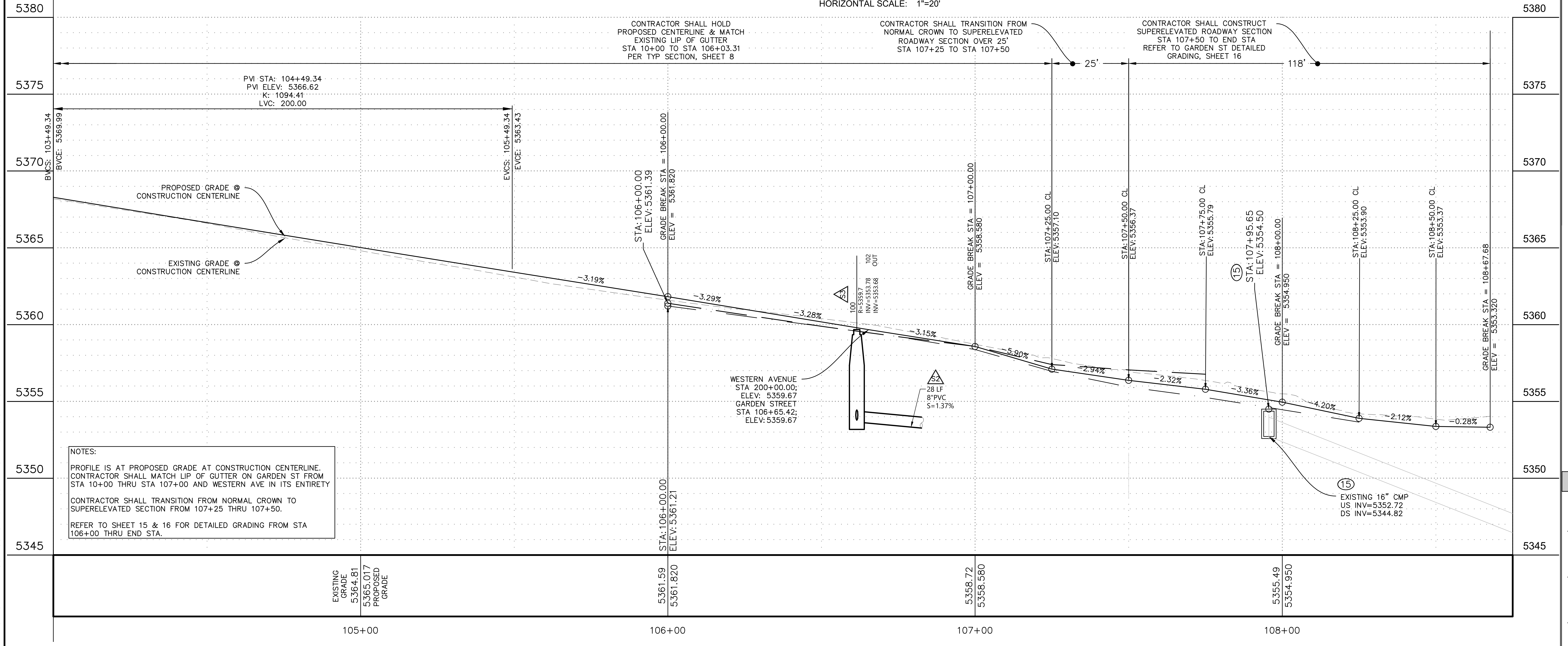
REVIEW:


MATCH SHEET 9
113-11-037 134 GARDEN ST
113-11-038a 140 GARDEN ST
113-11-039B 142 GARDEN ST
113-11-040 146 GARDEN ST
113-11-025 636 WESTERN AVE
GARDEN STREET
60' RIGHT-OF-WAY
PER PLAT OF FLEURY'S ADDITION
BK. 2, PG. 1 Y.C.O.R.
WESTERN AVENUE
100' RIGHT-OF-WAY
PER PLAT OF FLEURY'S ADDITION
BK. 2, PG. 1 Y.C.O.R.
NORTH AVENUE
50' RIGHT-OF-WAY
AMENDED MAP MURPHY'S 5TH SUBDIVISION
BK. 2, PG. 31 Y.C.O.R.
RIGHT-OF-WAY LINE
CONSTRUCTION CENTERLINE
104+00
105+00
106+00
107+00
108+00
199+50
200+00
STA 106+65.42; GARDEN STREET ELEV: 5359.67
STA 200+00.00 WESTERN AVENUE ELEV: 5359.67
TRANSITION TO MATCH EXISTING CURB & GUTTER OVER 5'
±28'
25.5'
±32'
±75'
±20'
±59'
24'
R5'
R26.5'
10'
-3.60%
-2.84%
-4.03%
-3.28%
-3.29%
-3.74%
-4.13%
-3.53%
-2.00%
-4.82%
-6.76%
-6.40%
113-12-081 133 GARDEN ST
113-12-080 137 GARDEN ST
141-12-079 137 GARDEN ST
113-12-078 143 GARDEN ST
113-12-077 147 GARDEN ST
MATCH SHEET 14
GARDEN STREET
60' RIGHT-OF-WAY
PER PLAT OF FLEURY'S ADDITION
BK. 2, PG. 1 Y.C.O.R.
WESTERN AVENUE
100' RIGHT-OF-WAY
PER PLAT OF FLEURY'S ADDITION
BK. 2, PG. 1 Y.C.O.R.
1
2
3
4
5
6
7
8
11
12
12A
13
14
15
16
17
18
20
21
S1
S2
S3
S6
WT

GARDEN STREET PROPOSED PAVEMENT IMPROVEMENTS PLAN

STA 100+00 - STA 104+00

HORIZONTAL SCALE: 1"=20'



NOTES:

PROFILE IS AT PROPOSED GRADE AT CONSTRUCTION CENTERLINE. CONTRACTOR SHALL MATCH LIP OF GUTTER ON GARDEN ST FROM STA 10+00 THRU STA 107+00 AND WESTERN AVE IN ITS ENTIRETY

CONTRACTOR SHALL TRANSITION FROM NORMAL CROWN TO SUPERELEVATED SECTION FROM 107+25 THRU 107+50.

REFER TO SHEET 15 & 16 FOR DETAILED GRADING FROM STA 106+00 THRU END STA.

	105+00	106+00	107+00	108+00
EXISTING GRADE	5364.81	5361.59	5358.72	5355.49
PROPOSED GRADE	5365.017	5361.820	5358.580	5354.950

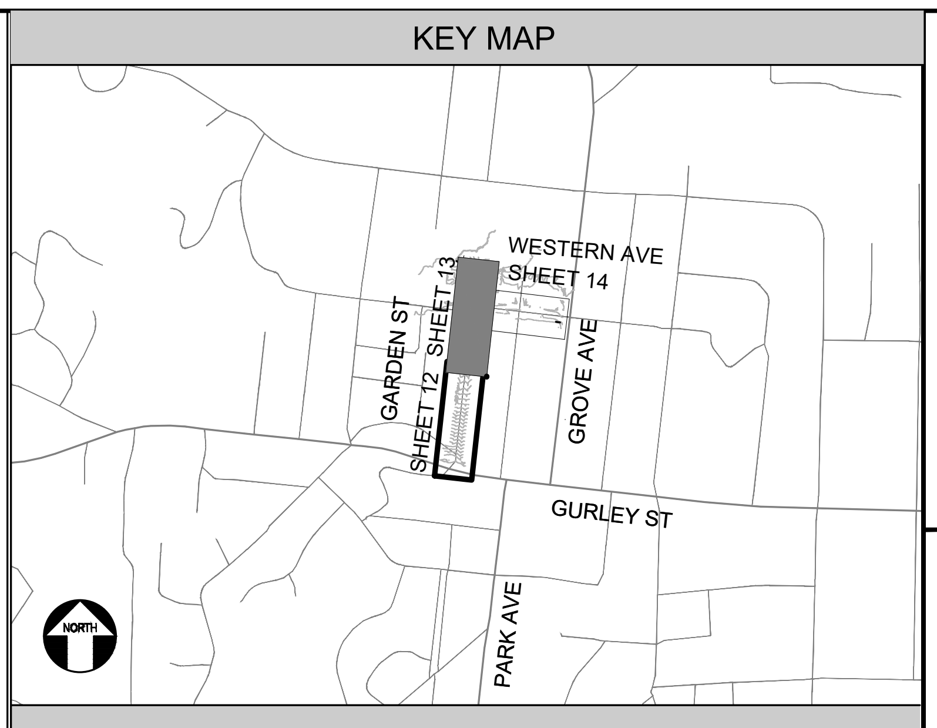
GARDEN STREET PROPOSED PAVEMENT IMPROVEMENTS PROFILE

STA 100+00 - STA 104+00

HORIZONTAL SCALE: 1"=20'
VERTICAL SCALE: 1"=4'

FILE NAME&PATH: K:\ENGINEERING\PROJECTS\FY23\FY22-CIP SUNDOG TRUNK MAIN PHASE C2\CADD\SHEETS\007 CIP 20-012 AREA 3 PLANS.DWG

KEY MAP


WESTERN AVE
SHEET 14
SHEET 12
SHEET 13
GARDEN ST
GROVE AVE
GURLEY ST
PARK AVE
NORTH

CONSTRUCTION KEY NOTES

IMPROVEMENTS

→	PROPOSED FLOW PATTERN
①	MILL & FILL LIMITS
②	MILL EXISTING ASPHALT CONCRETE, & PLACE NEW ASPHALT CONCRETE, DEPTH (D) SPECIFIED & IN ACCORDANCE WITH PAVEMENT TYPICAL SECTION(S) & DETAIL B-1: SINGLE PAVEMENT LIFT, SHEET 4 IN ACCORDANCE WITH QCSD 200Q-1.
③	UNSUITABLE SUBGRADE REPLACEMENT AS DIRECTED IN THE FIELD. MATCH EXISTING PAVEMENT STRUCTURAL SECTION OR 4" MIN. AC TO BE INSTALLED IN TWO LIFTS OVER 8" MIN ABC COMPACTED TO 95% OF STANDARD PROCTOR DENSITY, WHICHEVER IS GREATER AND IN ACCORDANCE WITH DETAIL B-2: UNSUITABLE SUBGRADE REPLACEMENT
④	SURVEY MONUMENTS SHALL BVE LOCATED BY AN ARIZONA LAND SURVEYOR PRIOR TO CONSTRUCTION AND ADJUSTED PER QCSD 270Q. IF DETERMINED THAT THE SURVEY MONUMENT CANNOT BE ADJUSTED, THE MONUMENT SHALL BE REPLACED PER QCSD 120Q, TYPE 'A'.
⑤	CONSTRUCT CONCRETE SIDEWALK IN ACCORDANCE WITH QCSD 230Q
⑥	CONSTRUCT CURB & GUTTER TO NEAREST JOINT IN ACCORDANCE WITH QCSD 220Q-1, TYPE 'A'
⑦	CONSTRUCT 4" ROLL CURB AND GUTTER, IN ACCORDANCE WITH QCSD 220Q-2, TYPE 'C'.
⑧	CURB TERMINATION IN ACCORDANCE WITH QCSD 222Q
⑨	CONSTRUCT DIRECTIONAL SIDEWALK RAMPS IN ACCORDANCE WITH QCSD 232Q
⑪	MODIFIED PCC CURB RAMP REPLACEMENT IN ACCORDANCE WITH QCSD 235P
⑫	6' VALLEY GUTTER AND SPANDRELS IN ACCORDANCE WITH QCSD 240Q-1
(12A)	4.5' WIDE MODIFIED 6' VALLEY GUTTER AND SPANDRELS IN ACCORDANCE WITH QCSD 240Q-1
⑬	RETURN TYPE DRIVEWAY IN ACCORDANCE WITH QCSD 251Q.
⑭	DOUBLE WIDE BIN ENCLOSURE IN ACCORDANCE WITH MODIFIED QCSD 701P-1
⑮	CONSTRUCT CATCH BASIN TYPE 'F' (FOR USE WITHOUT CURB) IN ACCORDANCE WITH MAG STD 535. OVER EXISTING 16" CMP. RIM=5355.50 US INV=5352.72 DS INV=5344.82
⑯	CONSTRUCT BASIN PER DETAIL, SHEET 16 TO CAPTURE FIRST FLUSH
⑰	CHANNEL PER DETAIL, SHEET 16
⑱	INSTALL FRACTURED FACE GROUTED RIP RAP (D50)=9", 18" DEEP
⑳	CURB AND GUTTER TRANSITION TYPE 'A' TO TYPE 'C' IN ACCORDANCE WITH QCSD 221Q
㉑	MODIFIED CURB CUT TYPE 1 IN ACCORDANCE WITH MAG STD DETAIL 226-1, WIDTH PER PLAN.

UTILITIES

S1	LOCATE & CONNECT TO EXIST. 6" SS WITH MAX ADAPTER. CONTRACTOR SHALL VERIFY HORIZONTAL & VERTICAL LOCATION PRIOR TO ORDERING MATERIALS AND/OR COMMENCING CONSTRUCTION.
S2	FURNISH & INSTALL 8" SDR-35 PVC. LENGTH & SLOPE PER PLAN. TRENCH EXCAVATION & BACKFILL PER MAG SPEC 601 AND QCSD 200Q-1.
S3	FURNISH & INSTALL PRECAST CONCRETE SEWER BEAVER SLIDE MANHOLE PER QCSD 426Q-2 WITH 24" FRAME & COVER PER QCSD 423P-1.
S6	LOWER MANHOLE FRAME AND COVER PRIOR TO MILL & FILL. RAISE MANHOLE FRAME AND COVER IN ACCORDANCE WITH QCSD 422Q ONCE FINAL PAVEMENT SURFACE IS ACCEPTED BY CITY.

NORTH
0 10 20 Ft
DRAWING SCALE
1"=20 ft Horizontal
(this scale is valid for 22"x34" sheets only)

DATE	SHEET NO.
06/7/2023	12 OF 18

CITY OF PRESCOTT PUBLIC WORKS

GARDEN STREET
PROPOSED IMPROVEMENTS
PLAN & PROFILE
STA 104+00 - END STA

CITY OF PRESCOTT
Everybody's Hometown

PREPARED BY	CHECKED BY	FOR:
JAM	JL/BB	COP

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CERTIFICATE NO. 43830
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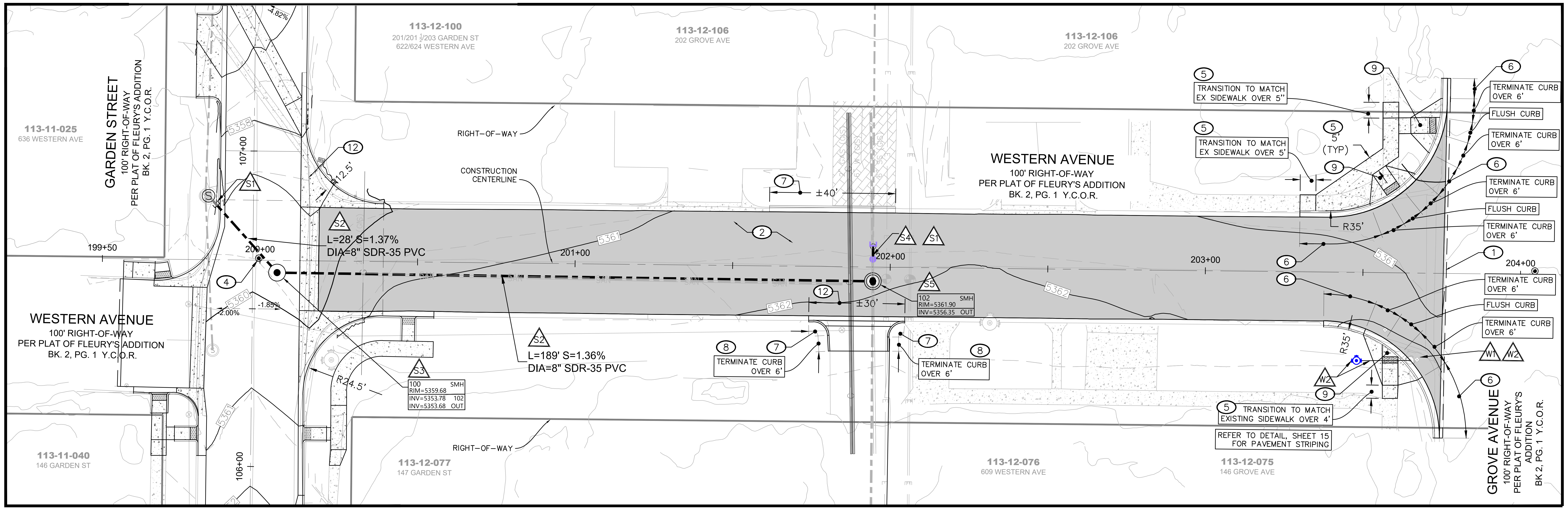
	ENGINEER			CITY	

REVIEW:

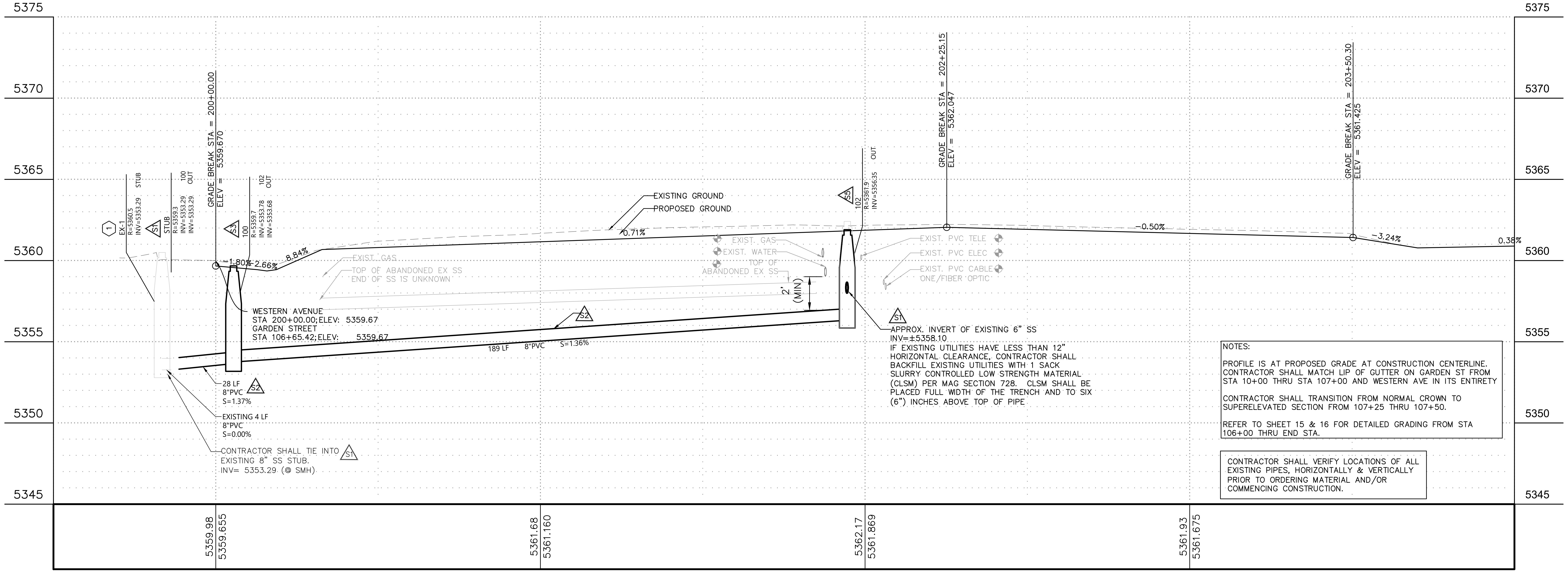
CIP# 2302-001

GARDEN ST AND WESTERN AVENUE
SANITARY SEWER AND ROADWAY IMPROVEMENTS


113-12-100
201/201 ½/203 GARDEN ST
622/624 WESTERN AVE
113-12-106
202 GROVE AVE
113-12-106
202 GROVE AVE
113-11-025
636 WESTERN AVE
GARDEN STREET
100' RIGHT-OF-WAY
PER PLAT OF FLEURY'S ADDITION
BK. 2, PG. 1 Y.C.O.R.
WESTERN AVENUE
100' RIGHT-OF-WAY
PER PLAT OF FLEURY'S ADDITION
BK. 2, PG. 1 Y.C.O.R.
WESTERN AVENUE
100' RIGHT-OF-WAY
PER PLAT OF FLEURY'S ADDITION
BK. 2, PG. 1 Y.C.O.R.
GROVE AVENUE
100' RIGHT-OF-WAY
PER PLAT OF FLEURY'S ADDITION
BK 2, PG. 1 Y.C.O.R.
RIGHT-OF-WAY
CONSTRUCTION CENTERLINE
RIGHT-OF-WAY
-4.82%
107+00
106+00
199+50
200+00
201+00
202+00
203+00
204+00
12.5'
R24.5'
R35'
R35'
±40'
±30'
-1.85%
-2.00%
S1
S2
L=28' S=1.37%
DIA=8" SDR-35 PVC
S2
L=189' S=1.36%
DIA=8" SDR-35 PVC
S3
100 SMH
RIM=5359.68
INV=5353.78 102
INV=5353.68 OUT
S4
S1
S5
102 SMH
RIM=5361.90
INV=5356.35 OUT
TERMINATE CURB OVER 6'
TERMINATE CURB OVER 6'
TRANSITION TO MATCH EX SIDEWALK OVER 5"
TRANSITION TO MATCH EX SIDEWALK OVER 5'
5' (TYP)
TERMINATE CURB OVER 6'
FLUSH CURB
TERMINATE CURB OVER 6'
TERMINATE CURB OVER 6'
FLUSH CURB
TERMINATE CURB OVER 6'
TERMINATE CURB OVER 6'
FLUSH CURB
TERMINATE CURB OVER 6'
W1
W2
W2
TRANSITION TO MATCH EXISTING SIDEWALK OVER 4'
REFER TO DETAIL, SHEET 15 FOR PAVEMENT STRIPING
113-11-040
146 GARDEN ST
113-12-077
147 GARDEN ST
113-12-076
609 WESTERN AVE
113-12-075
146 GROVE AVE
5358
5360
5361
5362
5361
5361

PROPOSED PAVEMENT & SANITARY IMPROVEMENTS PLAN

HORIZONTAL SCALE: 1"=20'



APPROX. INVERT OF EXISTING 6" SS
INV=±5358.10
IF EXISTING UTILITIES HAVE LESS THAN 12" HORIZONTAL CLEARANCE, CONTRACTOR SHALL BACKFILL EXISTING UTILITIES WITH 1 SACK SLURRY CONTROLLED LOW STRENGTH MATERIAL (CLSM) PER MAG SECTION 728. CLSM SHALL BE PLACED FULL WIDTH OF THE TRENCH AND TO SIX (6") INCHES ABOVE TOP OF PIPE

NOTES:

PROFILE IS AT PROPOSED GRADE AT CONSTRUCTION CENTERLINE. CONTRACTOR SHALL MATCH LIP OF GUTTER ON GARDEN ST FROM STA 10+00 THRU STA 107+00 AND WESTERN AVE IN ITS ENTIRETY

CONTRACTOR SHALL TRANSITION FROM NORMAL CROWN TO SUPERELEVATED SECTION FROM 107+25 THRU 107+50.

REFER TO SHEET 15 & 16 FOR DETAILED GRADING FROM STA 106+00 THRU END STA.

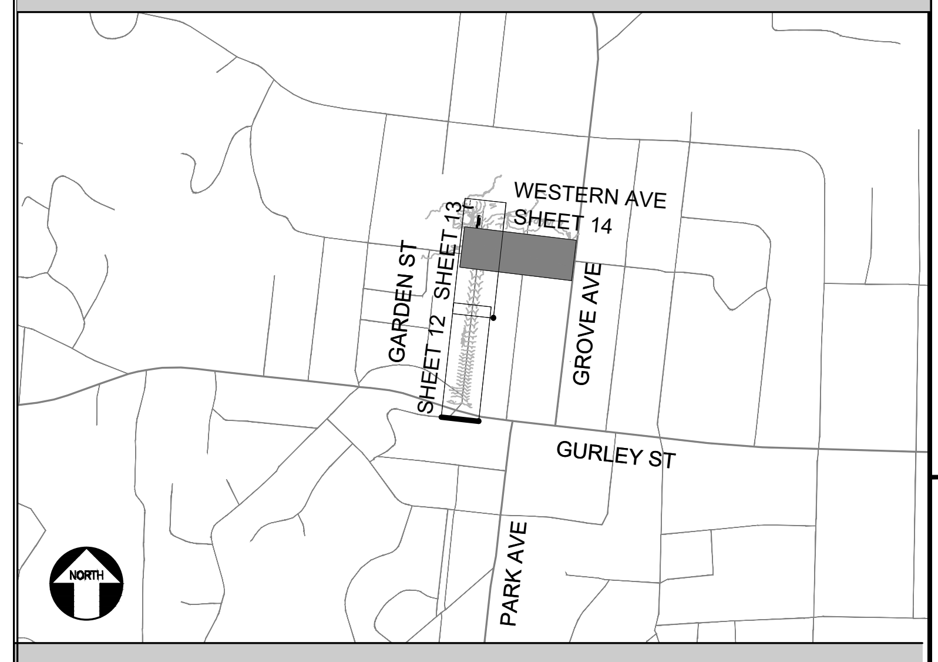
CONTRACTOR SHALL VERIFY LOCATIONS OF ALL EXISTING PIPES, HORIZONTALLY & VERTICALLY PRIOR TO ORDERING MATERIAL AND/OR COMMENCING CONSTRUCTION.

WESTERN AVENUE
PROPOSED PAVEMENT & SANITARY IMPROVEMENTS PROFILE

HORIZONTAL SCALE: 1"=20'
VERTICAL SCALE: 1"=4'

FILE NAME&PATH: K:\ENGINEERING\PROJECTS\FY23\FY22-CIP SUNDOG TRUNK MAIN PHASE C2\CADD\SHEETS\007 CIP 20-012 AREA 3 PLANS.DWG

KEY MAP


WESTERN AVE SHEET 14
SHEET 13
SHEET 12
GARDEN ST
GROVE AVE
GURLEY ST
PARK AVE
NORTH

CONSTRUCTION KEY NOTES

IMPROVEMENTS

- → PROPOSED FLOW PATTERN
- ① MILL & FILL LIMITS
- ② MILL EXISTING ASPHALT CONCRETE, & PLACE NEW ASPHALT CONCRETE, DEPTH (D) SPECIFIED & IN ACCORDANCE WITH PAVEMENT TYPICAL SECTION(S) & DETAIL B-1: SINGLE PAVEMENT LIFT, SHEET 4 IN ACCORDANCE WITH QCSD 200Q-1.
- ④ SURVEY MONUMENTS SHALL BVE LOCATED BY AN ARIZONA LAND SURVEYOR PRIOR TO CONSTRUCTION AND ADJUSTED PER QCSD 270Q. IF DETERMINED THAT THE SURVEY MONUMENT CANNOT BE ADJUSTED, THE MONUMENT SHALL BE REPLACED PER QCSD 120Q, TYPE 'A'.
- ⑤ CONSTRUCT CONCRETE SIDEWALK IN ACCORDANCE WITH QCSD 230Q
- ⑥ CONSTRUCT CURB & GUTTER TO NEAREST JOINT IN ACCORDANCE WITH QCSD 220Q-1, TYPE 'A'
- ⑦ CONSTRUCT 4" ROLL CURB AND GUTTER, IN ACCORDANCE WITH QCSD 220Q-2, TYPE 'C'.
- ⑧ CURB TERMINATION IN ACCORDANCE WITH QCSD 222Q
- ⑨ CONSTRUCT DIRECTIONAL SIDEWALK RAMPS IN ACCORDANCE WITH QCSD 232Q
- ⑫ 6' VALLEY GUTTER AND SPANDRELS IN ACCORDANCE WITH QCSD 240Q-1

UTILITIES

- S1 LOCATE & CONNECT TO EXIST. 6" SS WITH MAX ADAPTER. CONTRACTOR SHALL VERIFY HORIZONTAL & VERTICAL LOCATION PRIOR TO ORDERING MATERIALS AND/OR COMMENCING CONSTRUCTION.
- S2 FURNISH & INSTALL 8" SDR-35 PVC. LENGTH & SLOPE PER PLAN. TRENCH EXCAVATION & BACKFILL PER MAG SPEC 601 AND QCSD 200Q-1.
- S3 FURNISH & INSTALL PRECAST CONCRETE SEWER BEAVER SLIDE MANHOLE PER QCSD 426Q-2 WITH 24" FRAME & COVER PER QCSD 423P-1.
- S4 FURNISH & INSTALL SEWER MAIN CLEANOUT PER QCSD 441Q WITH 8" FRAME & COVER PER QCSD 270Q. RIM TO MATCH EXISTING GRADE. CONNECT TO EXISTING PIPE WITH MAX ADAPTOR. EXTEND 3' LF OF PVC FROM CLEANOUT, 4' (MIN) OF COVER, THEN SWEEP TO THE EXIST 6" SS. INVERT TO MATCH EXISTING 6" SS.
- S5 FURNISH & INSTALL PRECAST CONCRETE SEWER MANHOLE PER QCSD 420Q-1 WITH 24" FRAME & COVER PER QCSD 423P-1.
- W1 LOWER VALVE BOX PRIOR TO MILL & FILL. RAISE VALVE BOX IN ACCORDANCE WITH QCSD 391Q ONCE FINAL PAVEMENT SURFACE IS ACCEPTED BY CITY.
- W2 EXTEND 6" DIP ±15' AND RELOCATE EXISTING FIRE HYDRANT

NORTH
0 10 20 Ft
DRAWING SCALE
1"=20 ft Horizontal
(this scale is valid for
22"x34" sheets only)

DATE 06/7/2023
SHEET NO. 13 OF 18

GARDEN ST AND WESTERN AVENUE
SANITARY SEWER AND ROADWAY IMPROVEMENTS

CITY OF PRESCOTT PUBLIC WORKS

WESTERN AVE
PROPOSED IMPROVEMENTS
PLAN & PROFILE

CITY OF PRESCOTT
Everybody's Hometown

PREPARED BY	CHECKED BY	FOR:
JAM	JL/BB	COP

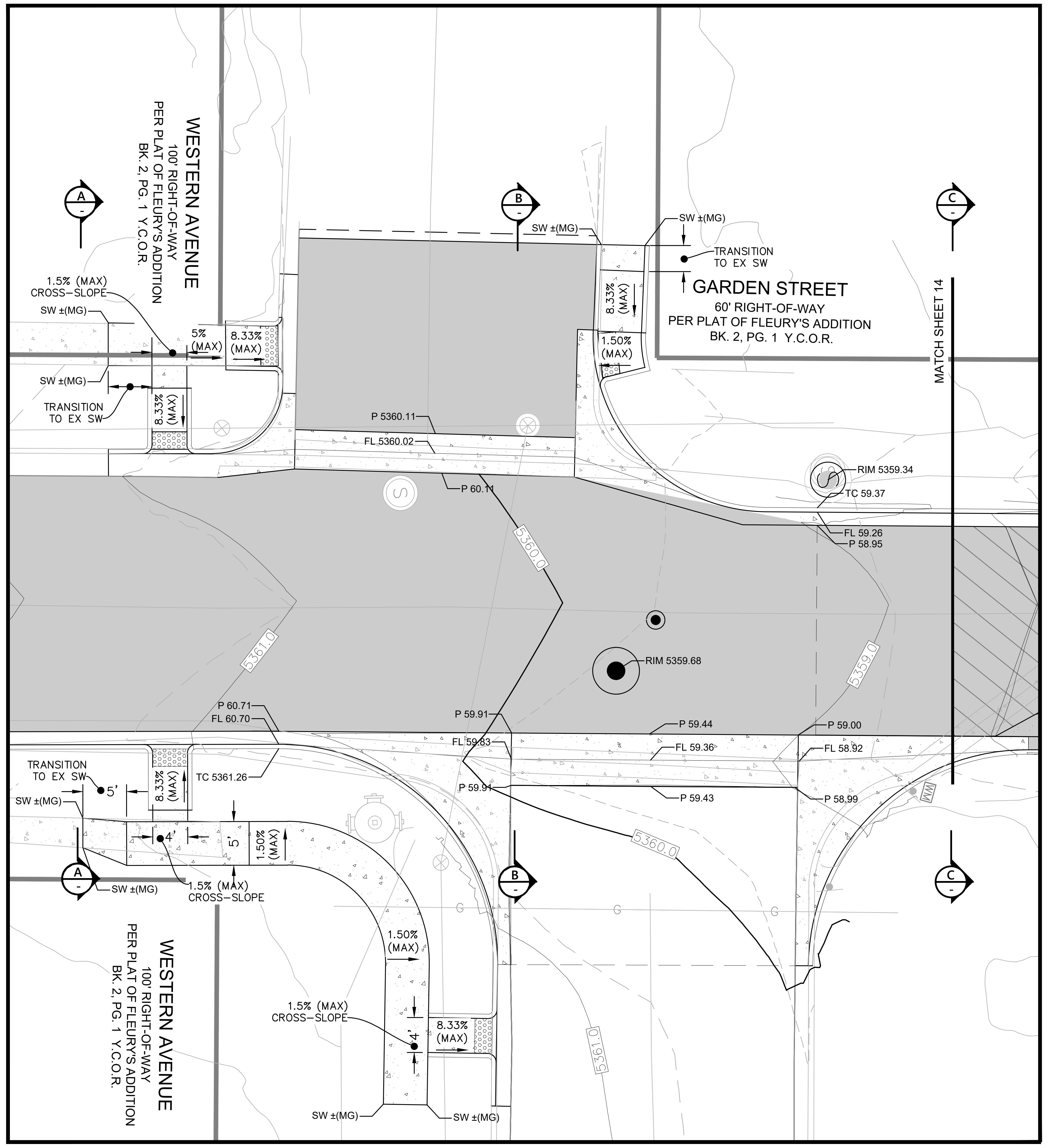
Registered Professional Engineer (Civil)
CERTIFICATE NO. 43830
IAN M. MATTINGLY
Date Signed 06/07/2023
ARIZONA, U.S.A.

Call at least two full working days before you begin excavation.
ARIZONA811
Arizona Blue Stake, Inc.
Dial 8-1-1 or 1-800-STAKE-IT (782-5348)

NO.	BY	DATE	REVISIONS	APPRV	DATE

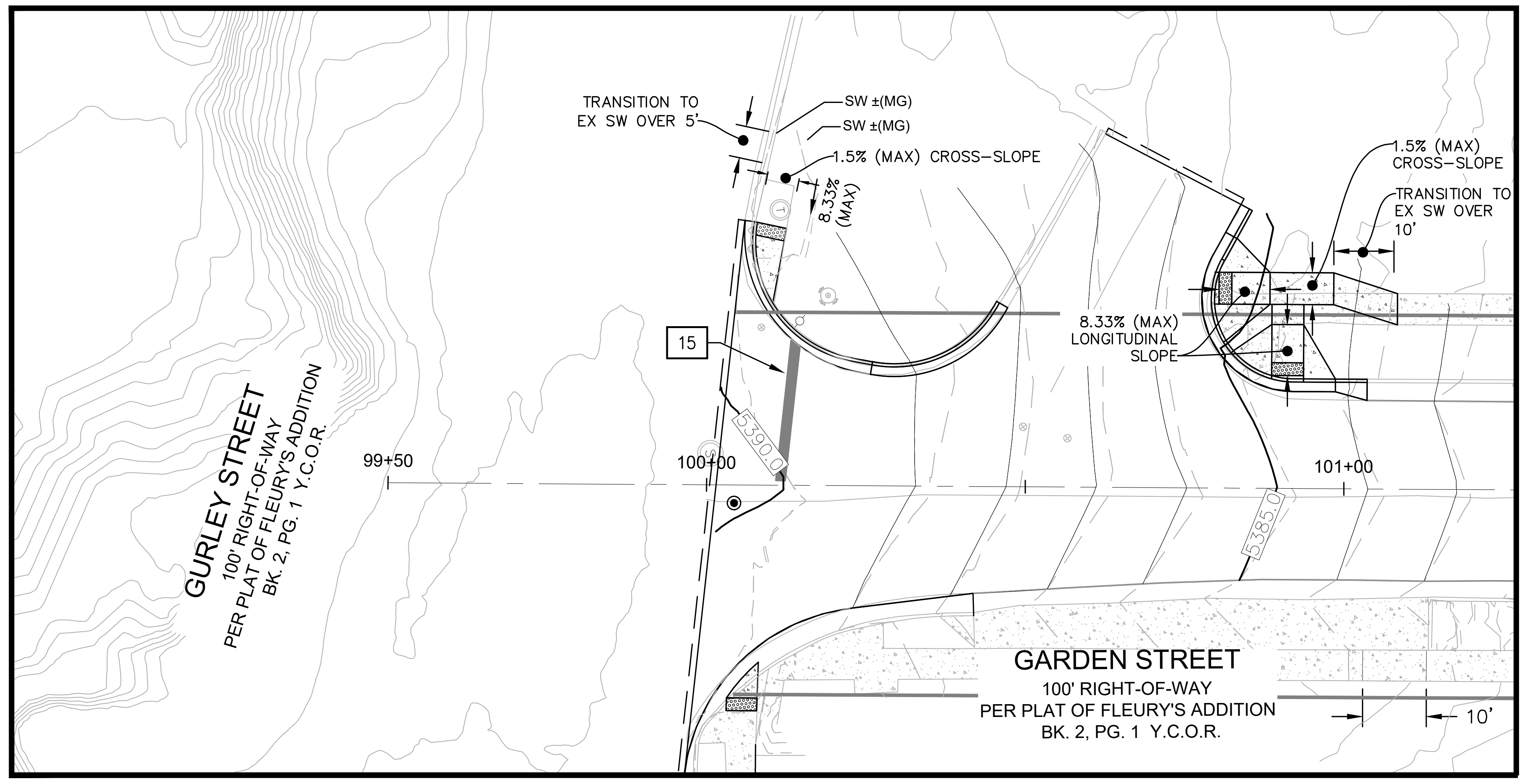
ENGINEER
CITY
REVIEW:
CIP# 2302-001

FILE NAME&PATH: K:\ENGINEERING\PROJECTS\FY23\FY22-CIP SUNDOG TRUNK MAIN PHASE C2\CADD\SHEETS\008 CIP 20-012 AREA 3 GD PLANS.DWG


WESTERN AVENUE
100' RIGHT-OF-WAY
PER PLAT OF FLEURY'S ADDITION
BK. 2, PG. 1 Y.C.O.R.
A
B
C
SW ±(MG)
TRANSITION TO EX SW
GARDEN STREET
60' RIGHT-OF-WAY
PER PLAT OF FLEURY'S ADDITION
BK. 2, PG. 1 Y.C.O.R.
MATCH SHEET 14
1.5% (MAX) CROSS–SLOPE
5% (MAX)
8.33% (MAX)
1.50% (MAX)
P 5360.11
FL 5360.02
P 60.11
RIM 5359.34
TC 59.37
FL 59.26
P 58.95
5360.0
5361.0
5359.0
RIM 5359.68
P 60.71
FL 60.70
TC 5361.26
P 59.91
FL 59.83
P 59.44
FL 59.36
P 59.43
P 59.00
FL 58.92
P 58.99
5'
4'
WESTERN AVENUE
100' RIGHT-OF-WAY
PER PLAT OF FLEURY'S ADDITION
BK. 2, PG. 1 Y.C.O.R.

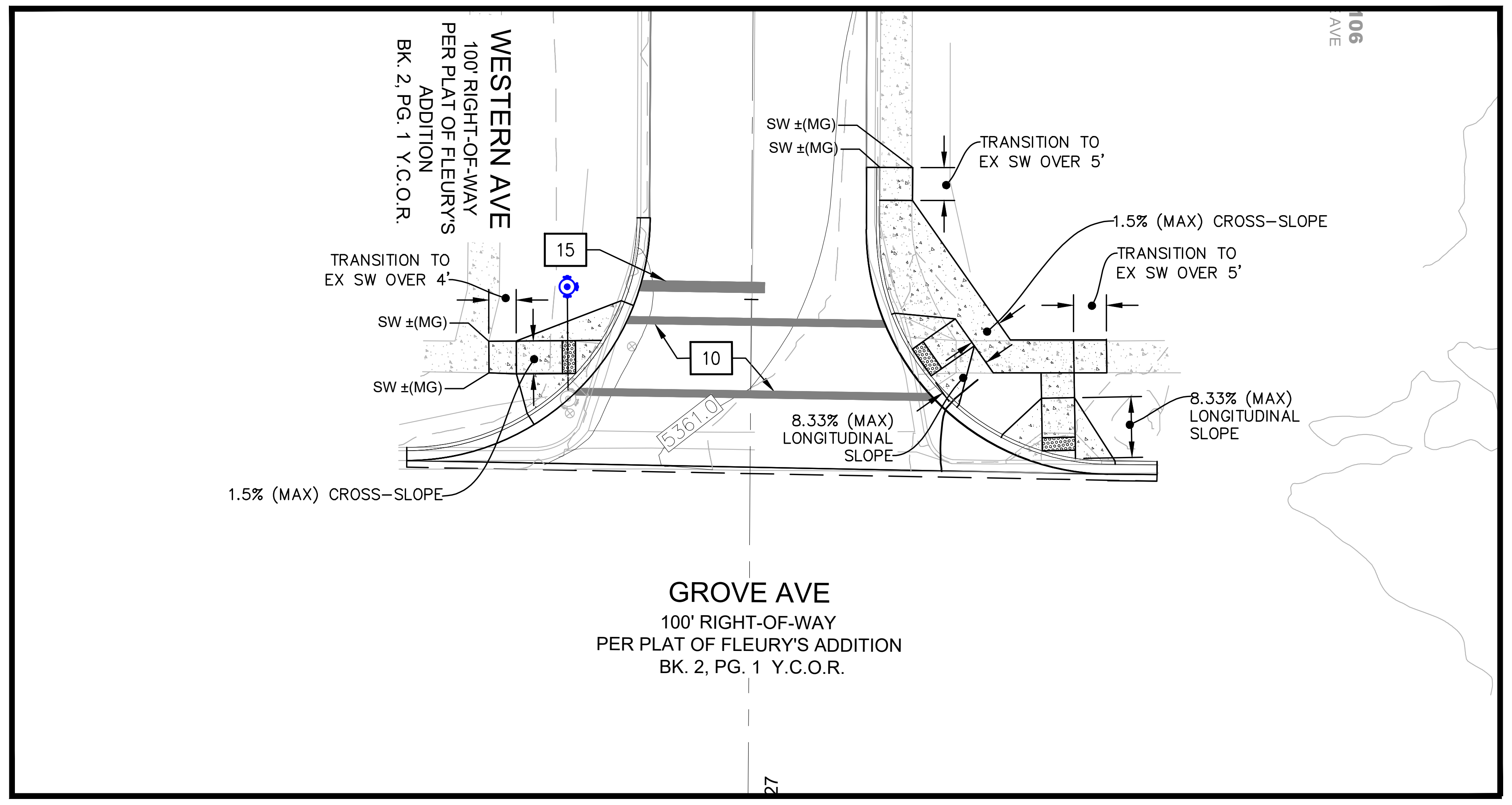
GARDEN STR & WESTERN AVE PROPOSED INTERSECTION IMPROVEMENT PLAN
STA 106+00 - STA 107+00

HORIZONTAL SCALE: 1"=10'


TRANSITION TO EX SW OVER 5'
SW ±(MG)
1.5% (MAX) CROSS–SLOPE
8.33% (MAX)
15
GURLEY STREET
100' RIGHT-OF-WAY
PER PLAT OF FLEURY'S ADDITION
BK. 2, PG. 1 Y.C.O.R.
99+50
100+00
101+00
1.5% (MAX) CROSS–SLOPE
TRANSITION TO EX SW OVER 10'
8.33% (MAX) LONGITUDINAL SLOPE
GARDEN STREET
100' RIGHT-OF-WAY
PER PLAT OF FLEURY'S ADDITION
BK. 2, PG. 1 Y.C.O.R.
10'

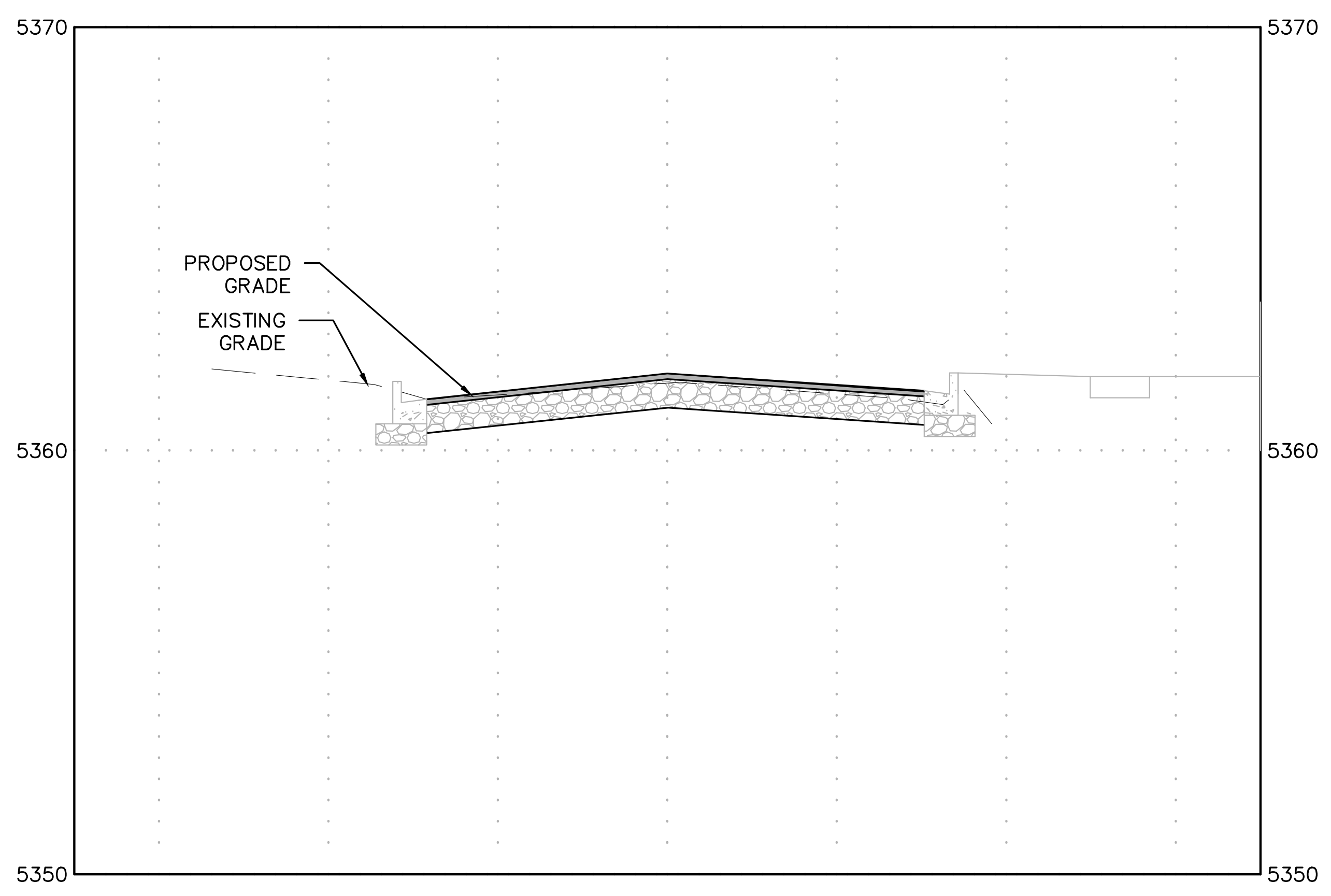
GURLEY ST & GARDEN AVE INTERSECTION STRIPING & RAMPS

HORIZONTAL SCALE: 1"=20'

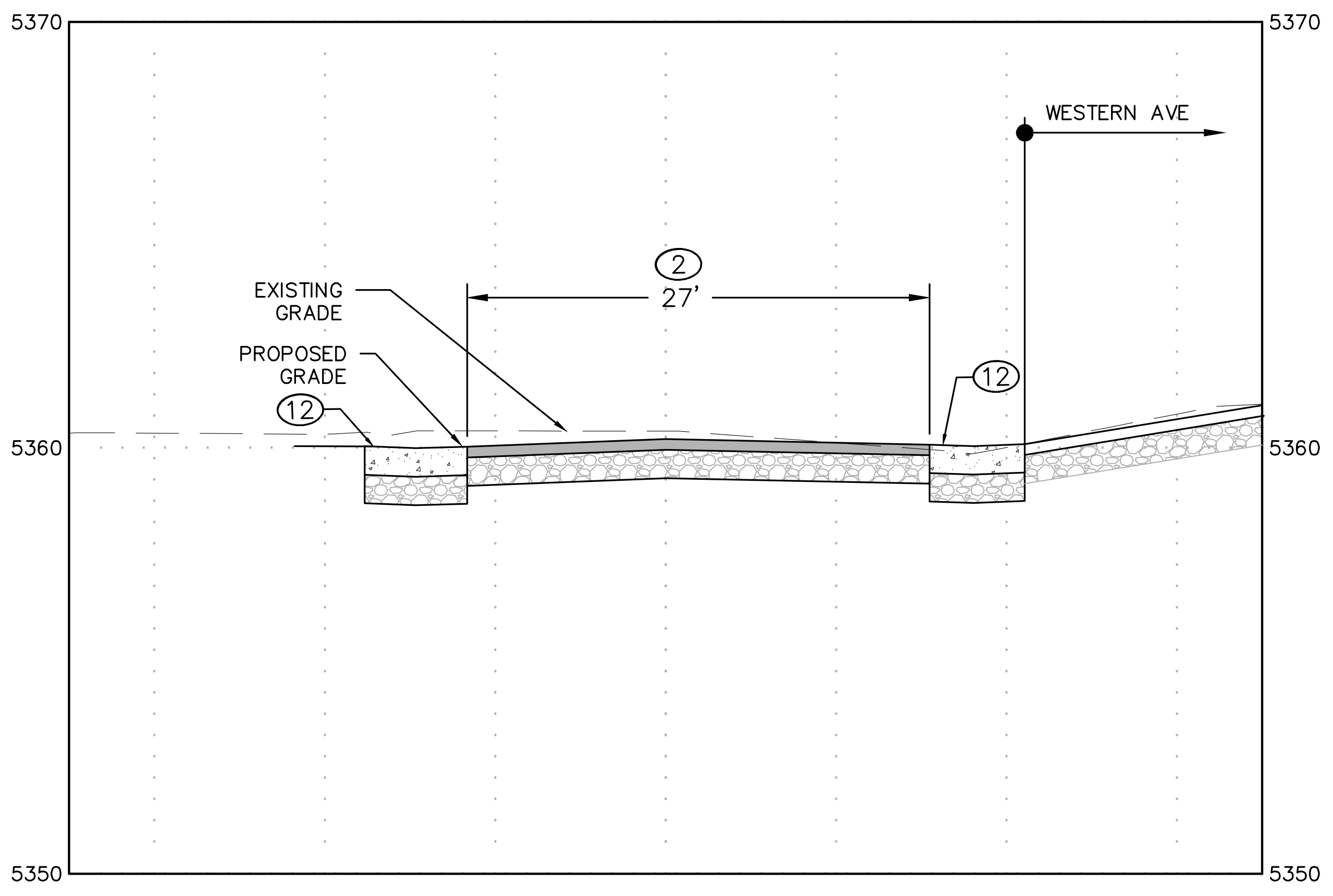

WESTERN AVE
100' RIGHT-OF-WAY
PER PLAT OF FLEURY'S ADDITION
BK. 2, PG. 1 Y.C.O.R.
SW ±(MG)
TRANSITION TO EX SW OVER 5'
1.5% (MAX) CROSS–SLOPE
TRANSITION TO EX SW OVER 5'
15
TRANSITION TO EX SW OVER 4'
10
8.33% (MAX) LONGITUDINAL SLOPE
8.33% (MAX) LONGITUDINAL SLOPE
1.5% (MAX) CROSS–SLOPE
GROVE AVE
100' RIGHT-OF-WAY
PER PLAT OF FLEURY'S ADDITION
BK. 2, PG. 1 Y.C.O.R.

WESTERN AVE & GROVE AVE INTERSECTION STRIPING & RAMPS

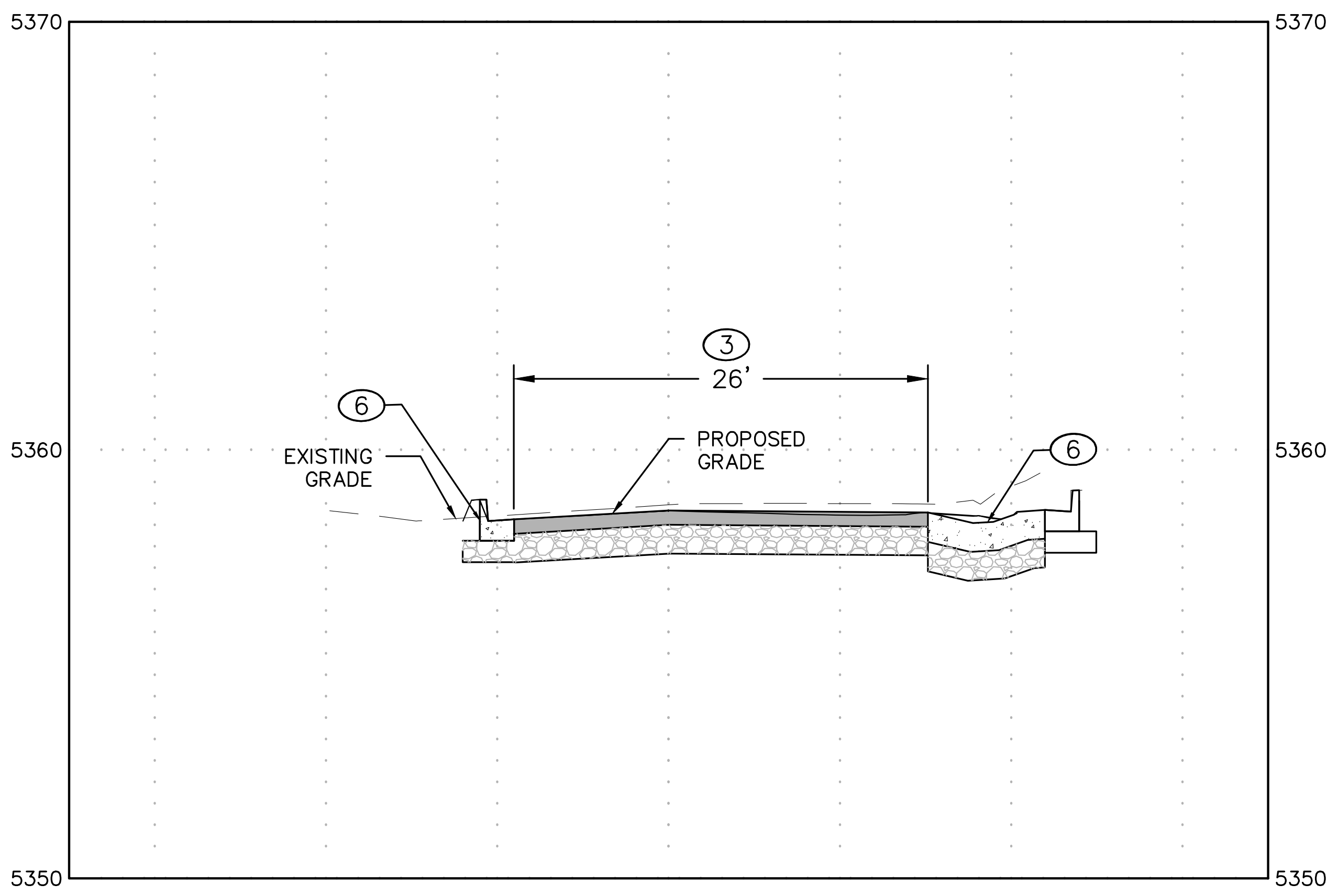
HORIZONTAL SCALE: 1"=20'


5370
5360
5350
PROPOSED GRADE
EXISTING GRADE

SECTION A-A
(STA 106+00)
SCALE: 1"=10'
VERTICAL SCALE: 1"=4'

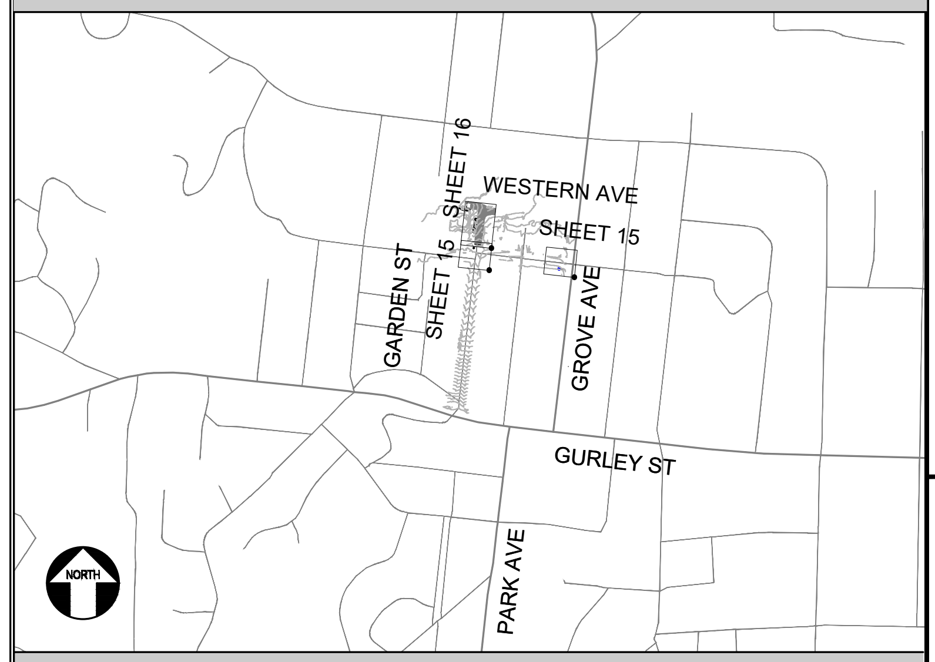

5370
5360
5350
WESTERN AVE
EXISTING GRADE
PROPOSED GRADE
2
27'
12
12

SECTION B-B
(STA 106+50)
SCALE: 1"=10'
VERTICAL SCALE: 1"=4'


5370
5360
5350
3
26'
6
6
EXISTING GRADE
PROPOSED GRADE

SECTION C-C
(STA 107+00)
SCALE: 1"=10'
VERTICAL SCALE: 1"=4'

KEY MAP


WESTERN AVE
SHEET 16
SHEET 15
SHEET 15
GARDEN ST
GROVE AVE
GURLEY ST
PARK AVE
NORTH

CONSTRUCTION KEY NOTES

IMPROVEMENTS

→	PROPOSED FLOW PATTERN
①	MILL & FILL LIMITS
②	MILL EXISTING ASPHALT CONCRETE, & PLACE NEW ASPHALT CONCRETE, DEPTH (D) SPECIFIED & IN ACCORDANCE WITH PAVEMENT TYPICAL SECTION(S) & DETAIL B-1: SINGLE PAVEMENT LIFT, SHEET 4 IN ACCORDANCE WITH QCSD 200Q-1.
③	UNSUITABLE SUBGRADE REPLACEMENT AS DIRECTED IN THE FIELD. MATCH EXISTING PAVEMENT STRUCTURAL SECTION OR 4" MIN. AC TO BE INSTALLED IN TWO LIFTS OVER 8" MIN ABC COMPACTED TO 95% OF STANDARD PROCTOR DENSITY, WHICHEVER IS GREATER AND IN ACCORDANCE WITH DETAIL B-2: UNSUTIABLE SUBGRADE REPLACEMENT
④	SURVEY MONUMENTS SHALL BVE LOCATED BY AN ARIZONA LAND SURVEYOR PRIOR TO CONSTRUCTION AND ADJUSTED PER QCSD 270Q. IF DETERMINED THAT THE SURVEY MONUMENT CANNOT BE ADJUSTED, THE MONUMENT SHALL BVE REPLACED PER QCSD 120Q, TYPE 'A'.
⑤	CONSTRUCT CONCRETE SIDEWALK IN ACCORDANCE WITH QCSD 230Q
⑥	CONSTRUCT CURB & GUTTER TO NEAREST JOINT IN ACCORDANCE WITH QCSD 220Q-1, TYPE 'A'
⑦	CONSTRUCT 4" ROLL CURB AND GUTTER, IN ACCORDANCE WITH QCSD 220Q-2, TYPE 'C'.
⑧	CURB TERMINATION IN ACCORDANCE WITH QCSD 222Q
⑨	CONSTRUCT DIRECTIONAL SIDEWALK RAMPS IN ACCORDANCE WITH QCSD 232Q
⑩	CONSTRUCT MIDBLOCK ATTACHED SIDEWALK RAMP IN ACCORDANCE WITH QCSD 233Q-2
⑪	MODIFIED PCC CURB RAMP REPLACEMENT IN ACCORDANCE WITH QCSD 235P
⑫	6' VALLEY GUTTER AND SPANDRELS IN ACCORDANCE WITH QCSD 240Q-1
⑬	DRIVEWAY ENTRANCE WITH SIDEWALK ATTACHED TO CURB IN ACCORDANCE WITH QCSD 250Q-2
⑭	DOUBLE WIDE BIN ENCLOSURE IN ACCORDANCE WITH QCSD 701P-1
⑮	CATCH BASIN TYPE 'F' (FOR USE WITHOUT CURB) IN ACCORDANCE WITH MAG STD 535

±MG	MATCH GRADE
P XX.XX ●	PROPOSED PAVEMENT GRADE
TC XX.XX	PROPOSED TOP OF CURB GRADE
FL XX.XX	PROPOSED FLOW LINE GRADE
SW XX.XX	PROPOSED SIDEWALK GRADE
NOTE:	PROPOSED GRADE(S) MAY BE TRUNCATED. ADD 5300 TO ANY GRADES THAT HAVE BEEN TRUNCATED TO XX.XX

PAVEMENT STRIPING

ALL PERMANENT PAVEMENT MARKINGS SHALL REQUIRE TWO (2) COATS. THE FIRST COAT SHALL BE PLACED WITHIN 24 HOURS OF THE FINISHED SURFACE. THE SECOND COAT SHALL BE PLACED WITHIN 14 DAYS OF THE FINISHED SURFACE.

10	STANDARD CROSSWALK MARKINGS PER QCSD 631Q
15	STOP MARKINGS PER QCSD 632Q

NORTH

0 10 20 Ft

DRAWING SCALE
1"=20 ft Horizontal
(this scale is valid for
22"x34" sheets only)

GARDEN ST AND WESTERN AVENUE

DATE	SHEET NO.
06/7/2023	14 OF 18

CITY OF PRESCOTT PUBLIC WORKS

GARDEN STREET
DETAILED GRADING
STA 106+00 - STA 107+00

CITY OF PRESCOTT
Everybody's Hometown

PREPARED BY	CHECKED BY	FOR:
JAM	JL/BB	COP

Registered Professional Engineer (Civil)
CERTIFICATE NO. 43830
IAN M. MATTINGLY
Date Signed 06/07/2023
ARIZONA, U.S.A.

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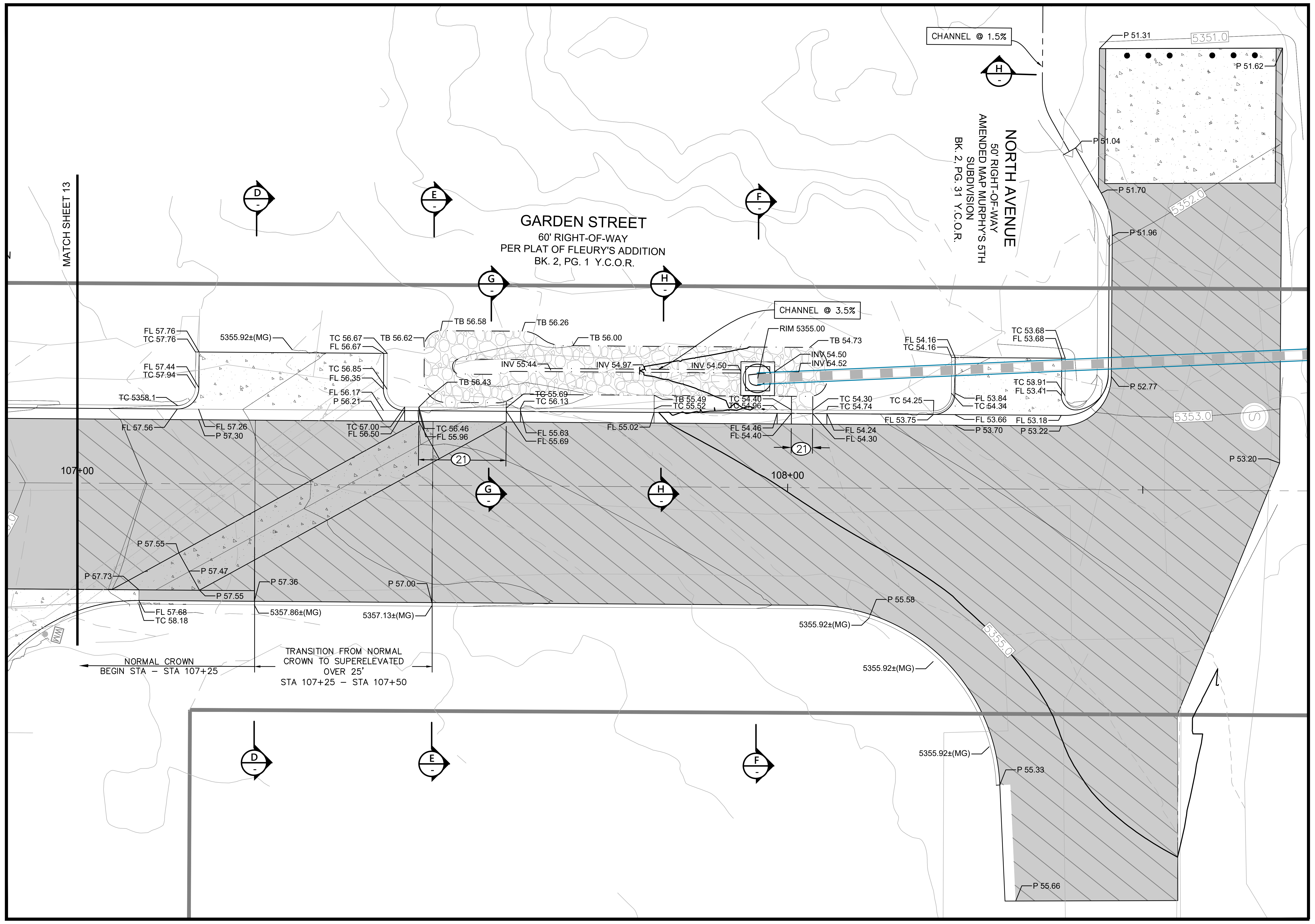
	ENGINEER			CITY	

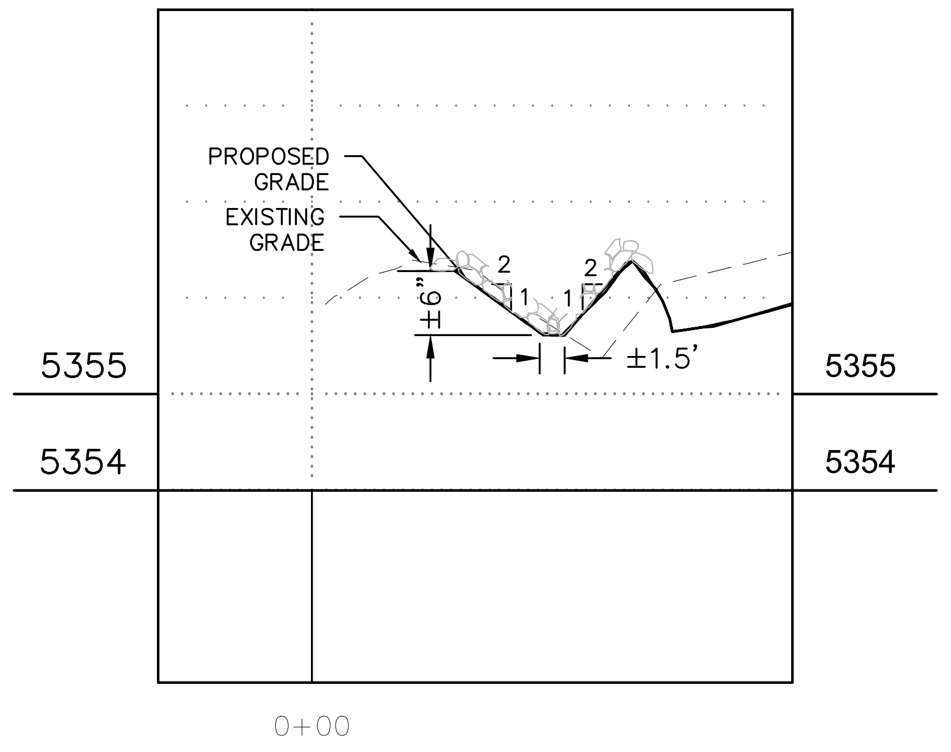
REVIEW:

CIP# 2302-001


CHANNEL @ 1.5%
H
NORTH AVENUE
50' RIGHT-OF-WAY
AMENDED MAP MURPHY'S 5TH SUBDIVISION
BK. 2, PG. 31 Y.C.O.R.
GARDEN STREET
60' RIGHT-OF-WAY
PER PLAT OF FLEURY'S ADDITION
BK. 2, PG. 1 Y.C.O.R.
MATCH SHEET 13
D
E
F
G
CHANNEL @ 3.5%
RIM 5355.00
INV 54.50
INV 54.52
INV 55.44
INV 54.97
INV 54.50
TB 56.58
TB 56.26
TB 56.00
TB 54.73
TB 56.62
TB 56.43
FL 57.76
TC 57.76
FL 57.44
TC 57.94
TC 5358.1
FL 57.56
5355.92±(MG)
TC 56.67
FL 56.67
TC 56.85
FL 56.35
FL 56.17
P 56.21
FL 57.26
P 57.30
TC 57.00
FL 56.50
TC 56.46
FL 55.96
TC 55.69
TC 56.13
FL 55.63
FL 55.69
FL 55.02
TB 55.49
TC 55.52
TC 54.40
TC 54.96
FL 54.46
FL 54.40
TC 54.30
TC 54.74
FL 54.24
FL 54.30
TC 54.25
FL 53.75
FL 54.16
TC 54.16
FL 53.84
TC 54.34
FL 53.66
P 53.70
FL 53.18
P 53.22
TC 53.68
FL 53.68
TC 53.91
FL 53.41
P 52.77
P 53.20
P 51.31
P 51.62
P 51.04
P 51.70
P 51.96
5351.0
5352.0
5353.0
21
107+00
108+00
P 57.55
P 57.73
P 57.47
P 57.55
P 57.36
P 57.00
FL 57.68
TC 58.18
5357.86±(MG)
5357.13±(MG)
P 55.58
5355.92±(MG)
5355.92±(MG)
5355.92±(MG)
P 55.33
P 55.66
5355.0
NORMAL CROWN
BEGIN STA – STA 107+25
TRANSITION FROM NORMAL CROWN TO SUPERELEVATED OVER 25'
STA 107+25 – STA 107+50

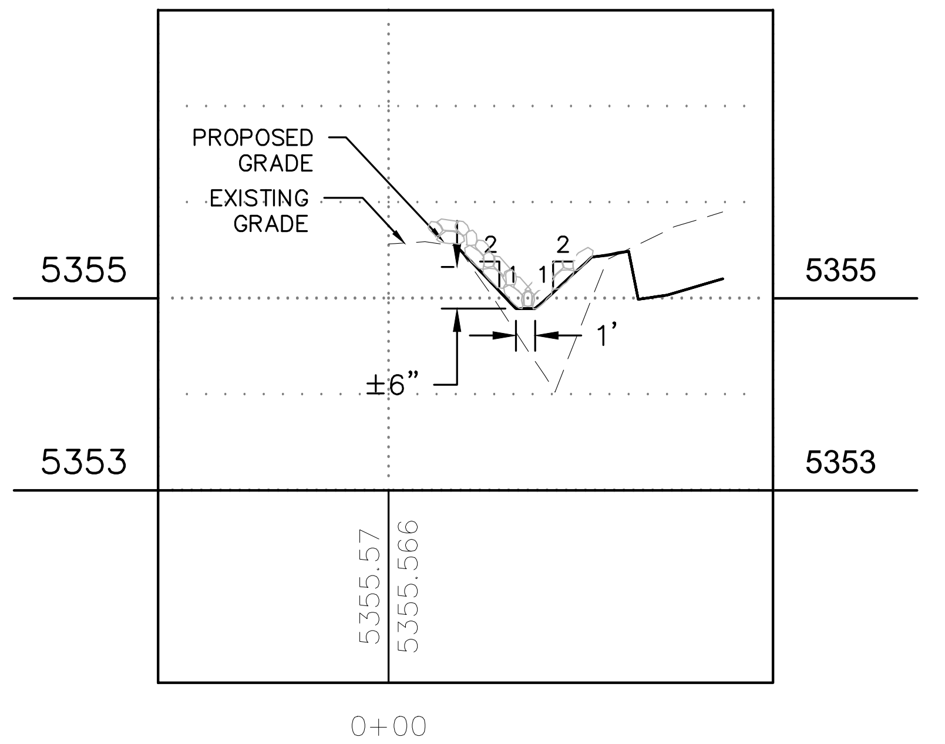
GARDEN STREET ENLARGED PLAN
STA 107+00 - END STA

HORIZONTAL SCALE: 1"=10'


PROPOSED GRADE
EXISTING GRADE
±6"
2
1
2
1
±1.5'
5355
5355
5354
5354
0+00

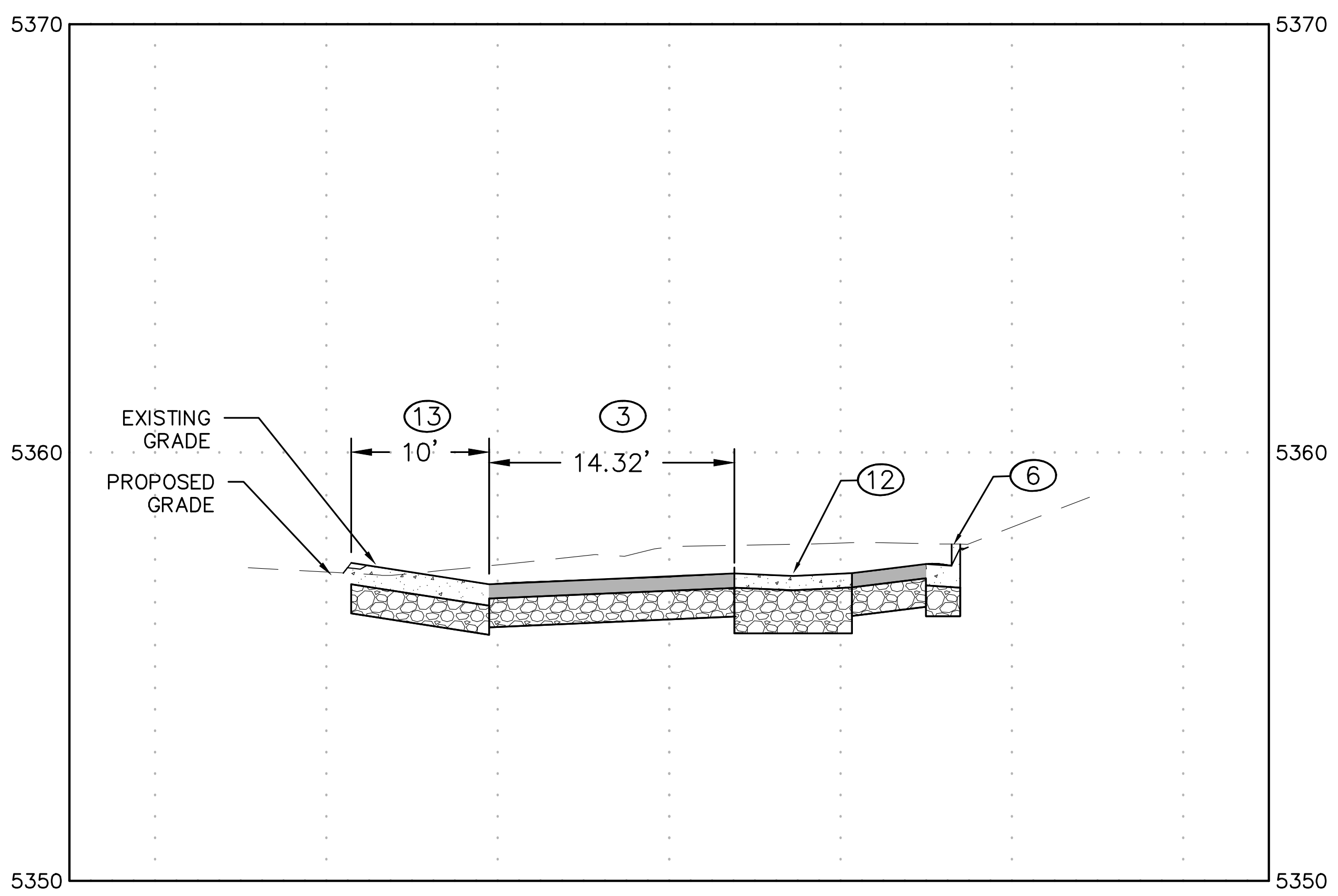
SECTION G-G

TYP SECTION THRU BASIN
SCALE: 1"=10'
VERTICAL SCALE: 1"=4'


PROPOSED GRADE
EXISTING GRADE
2
1
2
1
1'
±6"
5355
5355
5353
5353
5355.57
5355.566
0+00

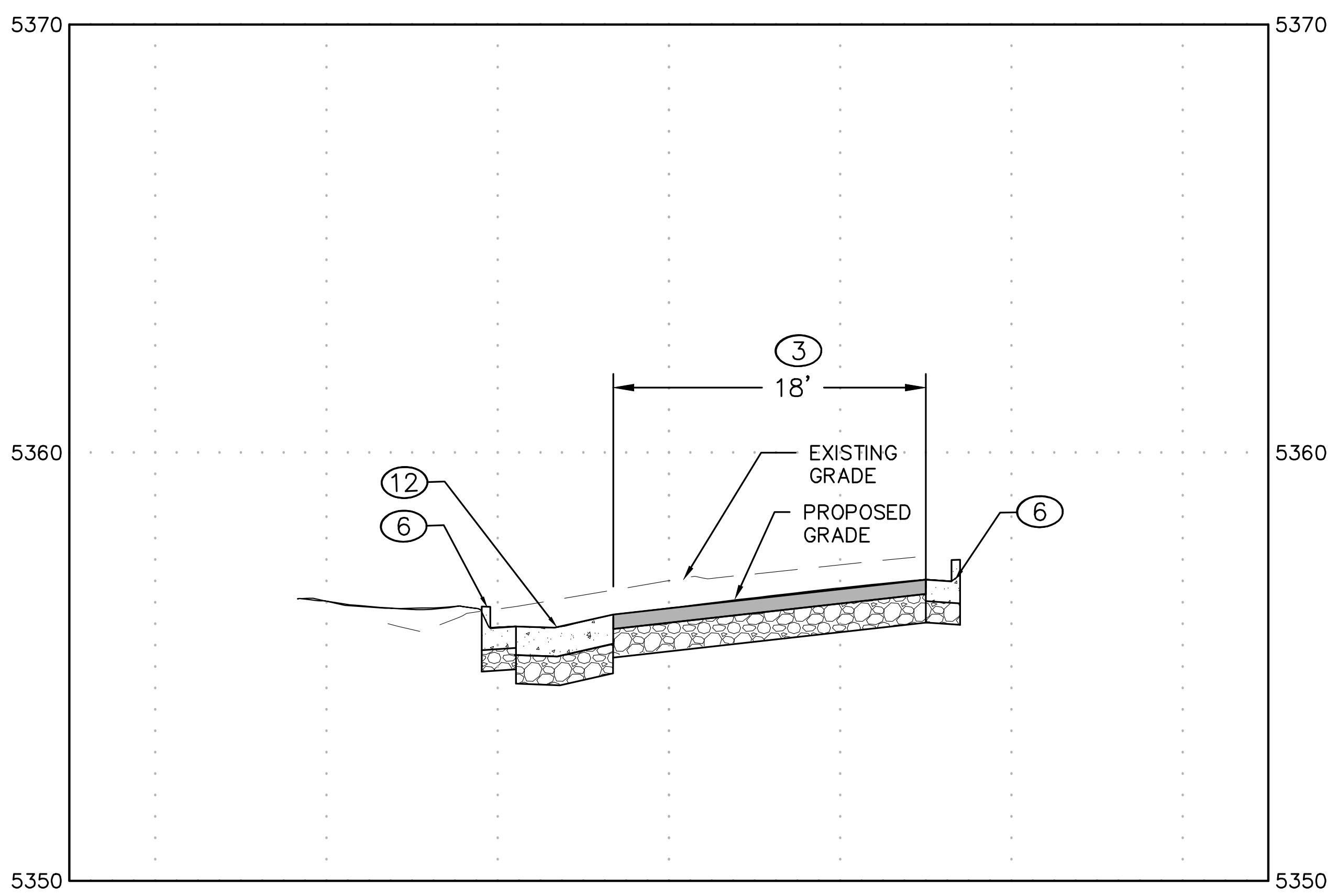
SECTION H-H

TYP SECTION THRU CHANNEL
SCALE: 1"=10'
VERTICAL SCALE: 1"=4'


5370
5370
5360
5360
5350
5350
EXISTING GRADE
PROPOSED GRADE
13
10'
3
14.32'
12
6

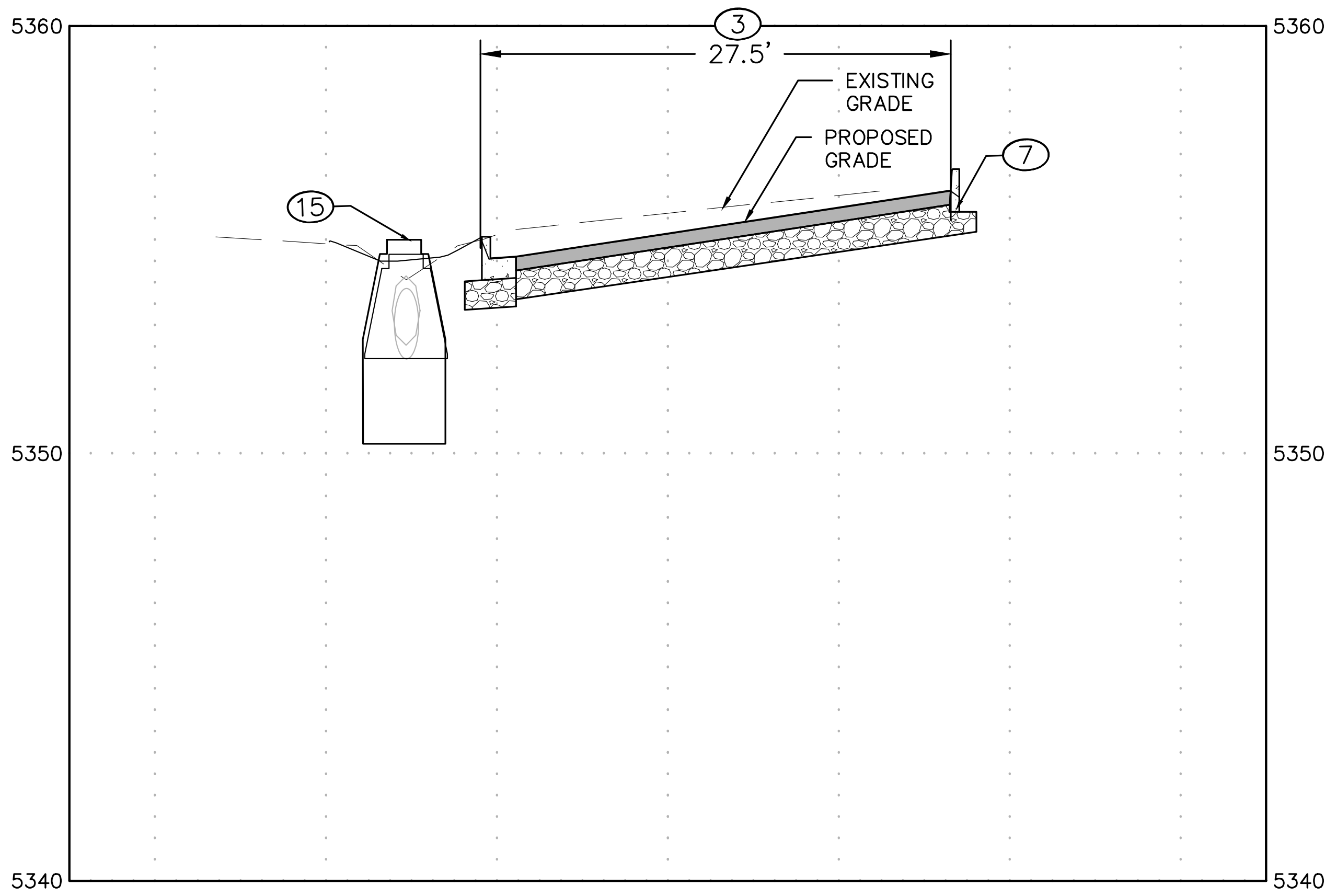
SECTION D-D

(STA 107+25)
SCALE: 1"=10'
VERTICAL SCALE: 1"=4'


5370
5370
5360
5360
5350
5350
3
18'
12
6
EXISTING GRADE
PROPOSED GRADE
6

SECTION E-E

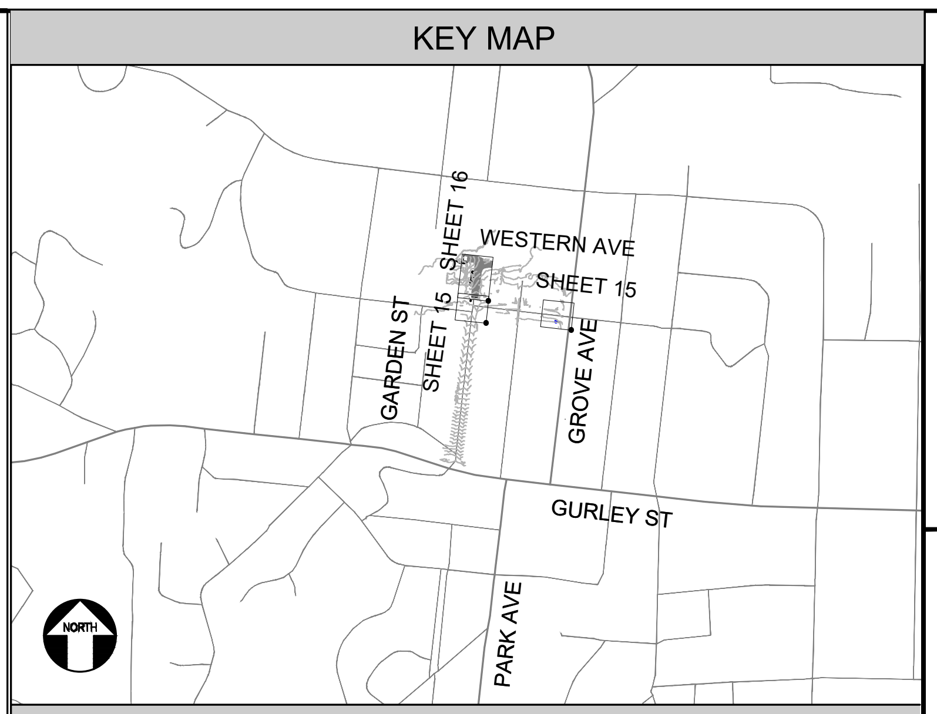
(STA 107+50)
SCALE: 1"=10'
VERTICAL SCALE: 1"=4'


5360
5360
5350
5350
5340
5340
3
27.5'
EXISTING GRADE
PROPOSED GRADE
7
15

SECTION F-F

(STA 107+95.68)
SCALE: 1"=10'
VERTICAL SCALE: 1"=4'

KEY MAP


SHEET 16
WESTERN AVE
SHEET 15
GARDEN ST
SHEET 15
GROVE AVE
GURLEY ST
PARK AVE
NORTH

CONSTRUCTION KEY NOTES

IMPROVEMENTS

→	PROPOSED FLOW PATTERN
①	MILL & FILL LIMITS
②	MILL EXISTING ASPHALT CONCRETE, & PLACE NEW ASPHALT CONCRETE, DEPTH (D) SPECIFIED & IN ACCORDANCE WITH PAVEMENT TYPICAL SECTION(S) & DETAIL B-1: SINGLE PAVEMENT LIFT, SHEET 4 IN ACCORDANCE WITH QCSD 200Q-1.
③	UNSUITABLE SUBGRADE REPLACEMENT AS DIRECTED IN THE FIELD. MATCH EXISTING PAVEMENT STRUCTURAL SECTION OR 4" MIN. AC TO BE INSTALLED IN TWO LIFTS OVER 8" MIN ABC COMPACTED TO 95% OF STANDARD PROCTOR DENSITY, WHICHEVER IS GREATER AND IN ACCORDANCE WITH DETAIL B-2: UNSUITABLE SUBGRADE REPLACEMENT
④	SURVEY MONUMENTS SHALL BVE LOCATED BY AN ARIZONA LAND SURVEYOR PRIOR TO CONSTRUCTION AND ADJUSTED PER QCSD 270Q. IF DETERMINED THAT THE SURVEY MONUMENT CANNOT BE ADJUSTED, THE MONUMENT SHALL BE REPLACED PER QCSD 120Q, TYPE 'A'.
⑤	CONSTRUCT CONCRETE SIDEWALK IN ACCORDANCE WITH QCSD 230Q
⑥	CONSTRUCT CURB & GUTTER TO NEAREST JOINT IN ACCORDANCE WITH QCSD 220Q-1, TYPE 'A'
⑦	CONSTRUCT 4" ROLL CURB AND GUTTER, IN ACCORDANCE WITH QCSD 220Q-2, TYPE 'C'.
⑧	CURB TERMINATION IN ACCORDANCE WITH QCSD 222Q
⑨	CONSTRUCT DIRECTIONAL SIDEWALK RAMPS IN ACCORDANCE WITH QCSD 232Q
⑩	CONSTRUCT MIDBLOCK ATTACHED SIDEWALK RAMP IN ACCORDANCE WITH QCSD 233Q-2
⑪	MODIFIED PCC CURB RAMP REPLACEMENT IN ACCORDANCE WITH QCSD 235P
⑫	6' VALLEY GUTTER AND SPANDRELS IN ACCORDANCE WITH QCSD 240Q-1
⑬	DRIVEWAY ENTRANCE WITH SIDEWALK ATTACHED TO CURB IN ACCORDANCE WITH QCSD 250Q-2
⑭	DOUBLE WIDE BIN ENCLOSURE IN ACCORDANCE WITH QCSD 701P-1
⑮	CATCH BASIN TYPE 'F' (FOR USE WITHOUT CURB) IN ACCORDANCE WITH MAG STD 535
㉑	MODIFIED CURB CUT TYPE 1 IN ACCORDANCE WITH MAG STD DETAIL 226-1, WIDTH PER PLAN.

±MG	MATCH GRADE
P XX.XX ●	PROPOSED PAVEMENT GRADE
TC XX.XX	PROPOSED TOP OF CURB GRADE
FL XX.XX	PROPOSED FLOW LINE GRADE
SW XX.XX	PROPOSED SIDEWALK GRADE
NOTE:	PROPOSED GRADE(S) MAY BE TRUNCATED. ADD 5300 TO ANY GRADES THAT HAVE BEEN TRUNCATED TO XX.XX

NORTH

0 10 20 Ft

DRAWING SCALE
1"=20 ft Horizontal
(this scale is valid for 22"x34" sheets only)

DATE 06/7/2023
SHEET NO. 15 OF 18

GARDEN ST AND WESTERN AVENUE
SANITARY SEWER AND ROADWAY IMPROVEMENTS

CITY OF PRESCOTT PUBLIC WORKS

GARDEN STREET
DETAILED GRADING
STA 107+00 - END STA

CITY OF PRESCOTT
Everybody's Hometown

PREPARED BY	CHECKED BY	FOR:
JAM	JL/BB	COP

Registered Professional Engineer (Civil)
CERTIFICATE NO. 43830
IAN M. MATTINGLY
Date Signed 06/07/2023
ARIZONA, U.S.A.

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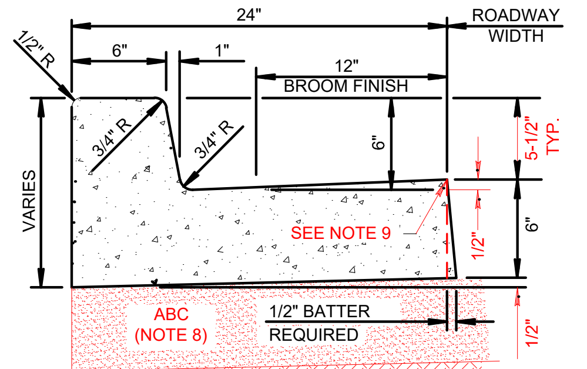
CITY
REVIEW:

CIP# 2302-001

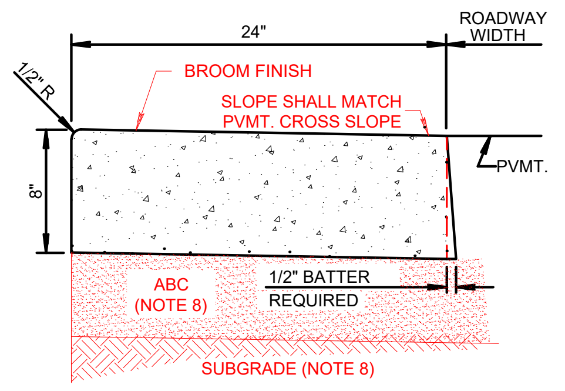
FILE NAME&PATH: K:\ENGINEERING\PROJECTS\FY23\FY22-CIP SUNDOG TRUNK MAIN PHASE C2\CADD\SHEETS\008 CIP 20-012 AREA 3 GD PLANS.DWG

NOTES (TYPE A-E)

1. ALL WORK AND MATERIALS SHALL CONFORM TO MAG SECTION 340 & 505 & 725.
2. CONCRETE SHALL BE CLASS 'AA'.
3. ALL EXPOSED SURFACES TO BE TROWEL FINISHED EXCEPT AS SHOWN.
4. HEIGHT OF TYPE 'A' CURB SHALL BE 6" UNLESS OTHERWISE SPECIFIED ON PLANS.
5. CONTRACTION JOINT SPACING 10' MAXIMUM.
6. EXPANSION JOINTS AS PER MAG SECT. 340 50' MAX., AND AT POINTS OF CURVATURE, DRIVEWAYS, ALLEYS & STRUCTURES.
7. WHEN THE ADJACENT PAVEMENT SECTION SLOPES AWAY FROM THE GUTTER, THE SLOPE OF THE GUTTER PAN SHALL BE 3% AND MATCH PAVEMENT CROSS SLOPE DIRECTION. GUTTER PAN THICKNESS AND BATTER SHALL BE MAINTAINED.
8. 6" MINIMUM OF ABC COMPACTED 98% PROCTOR OR AS SPECIFIED ON PLANS OR GEOTECHNICAL REPORT, AND SHALL EXTEND TO BACK OF CURB BELOW ALL CURB & GUTTER. SUBGRADE SHALL BE SCARIFIED TO A DEPTH OF 8", MOISTURE CONDITIONED, AND RECOMPACTED TO 98% PROCTOR, OR AS SPECIFIED ON PLANS OR GEOTECHNICAL REPORT.
9. FINAL PAVEMENT SURFACE SHALL BE 1/4" ABOVE LIP OF GUTTERS. WHERE GUTTER SLOPES TOWARD PAVEMENT, PAVEMENT SHALL BE FLUSH WITH LIP OF GUTTER.
10. COLD JOINT IS REQUIRED WHEN PLACING CONCRETE ADJACENT TO CURB. CURB AND GUTTER SHALL NOT BE MONOLITHIC WITH SIDEWALK, UNLESS SPECIFIED ON PLANS.

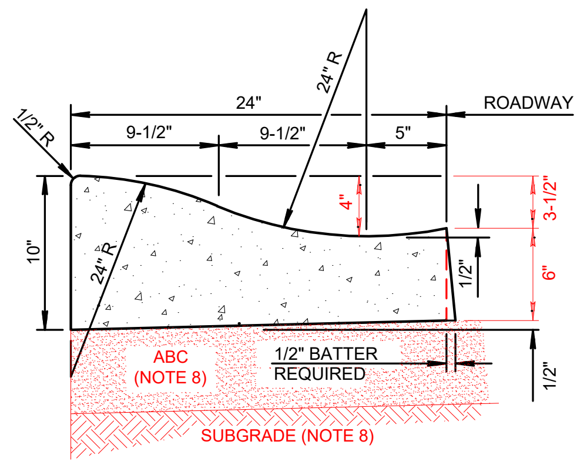

24"
ROADWAY WIDTH
1/2" R
6"
1"
12"
BROOM FINISH
3/4" R
3/4" R
6"
5-1/2" TYP.
VARIES
SEE NOTE 9
1/2"
6"
ABC (NOTE 8)
1/2" BATTER REQUIRED
1/2"
SUBGRADE (NOTE 8)

VERTICAL CURB AND GUTTER
(TYPE A)

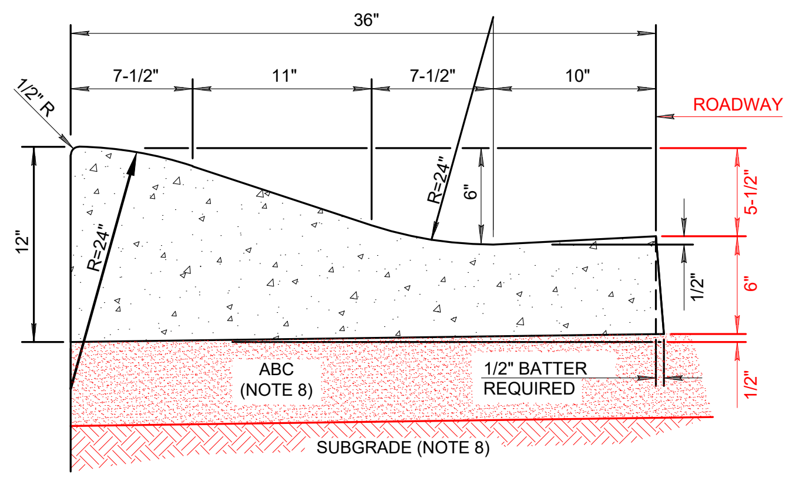

24"
ROADWAY WIDTH
1/2" R
BROOM FINISH
SLOPE SHALL MATCH PVMT. CROSS SLOPE
PVMT.
8"
ABC (NOTE 8)
1/2" BATTER REQUIRED
SUBGRADE (NOTE 8)

RIBBON CURB
(TYPE B)

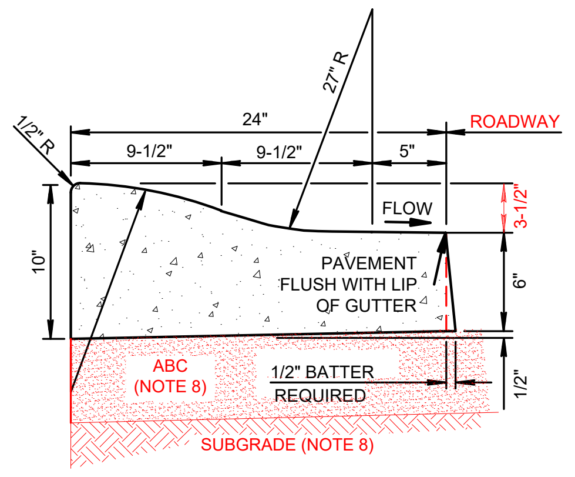
QUAD CITY STANDARD DETAIL	CURB AND GUTTER TYPES A & B	REVISED: 9/10/2021	DETAIL No. 220Q-1


24" R
24"
ROADWAY
1/2" R
9-1/2"
9-1/2"
5"
4"
3-1/2"
10"
24" R
1/2"
6"
ABC (NOTE 8)
1/2" BATTER REQUIRED
1/2"
SUBGRADE (NOTE 8)

4" ROLL CURB AND GUTTER
(TYPE C)


36"
7-1/2"
11"
7-1/2"
10"
1/2" R
ROADWAY
12"
R=24"
R=24"
6"
5-1/2"
1/2"
6"
ABC (NOTE 8)
1/2" BATTER REQUIRED
1/2"
SUBGRADE (NOTE 8)

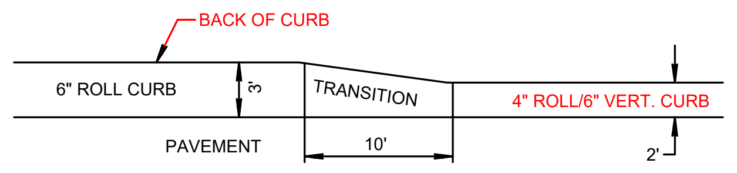
6" ROLL CURB AND GUTTER
(TYPE E)


27" R
24"
ROADWAY
1/2" R
9-1/2"
9-1/2"
5"
FLOW
3-1/2"
10"
PAVEMENT FLUSH WITH LIP OF GUTTER
6"
ABC (NOTE 8)
1/2" BATTER REQUIRED
1/2"
SUBGRADE (NOTE 8)

4" ROLL CURB AND GUTTER
(TYPE D)

SPECIAL SECTION. USE FOR HIGH SIDE CURB WITH SHEET DRAINAGE REVERSE FLOW ACROSS STREET.

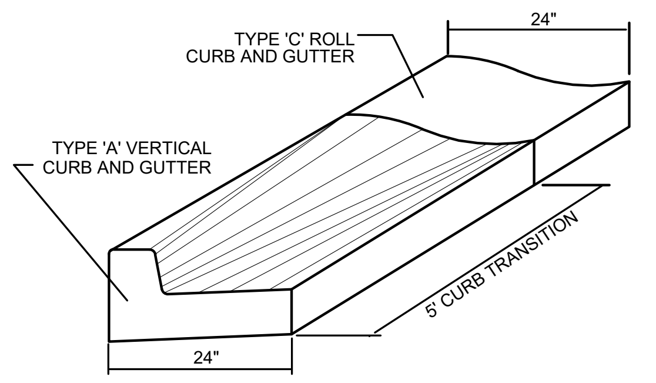
NOTES (TYPE A-E)
REFER TO NOTES ON QCSD 220Q-1.


BACK OF CURB
6" ROLL CURB
3'
TRANSITION
4" ROLL/6" VERT. CURB
PAVEMENT
10'
2'

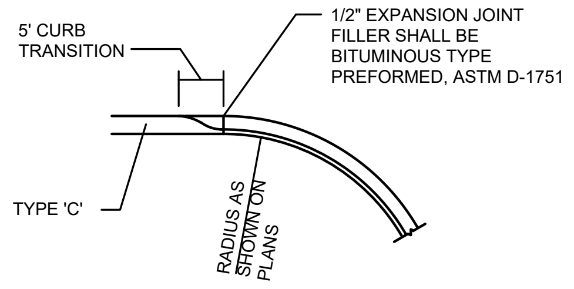
6" ROLL CURB AND GUTTER
TRANSITION PLAN VIEW

TRANSITION FROM 6" ROLL CURB TO ANY OTHER CURB TYPE SHALL BE IN CONFORMANCE WITH QCSD 221Q MODIFIED TO 10 FEET IN LENGTH.

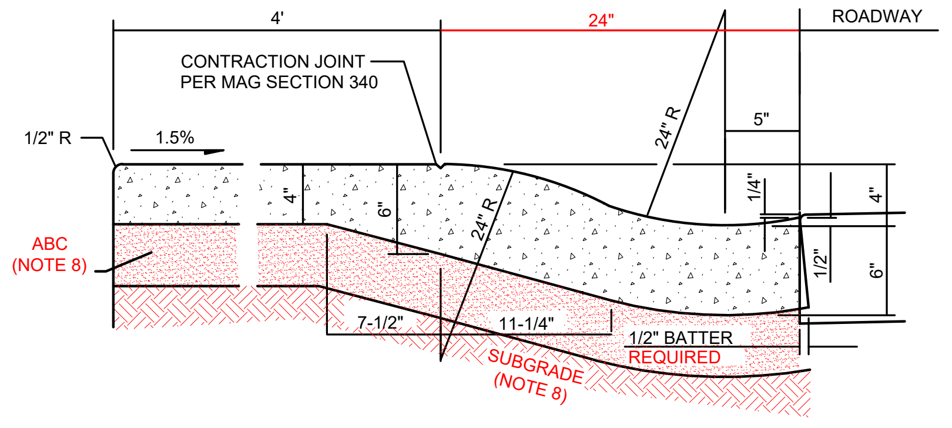
QUAD CITY STANDARD DETAIL	CURB AND GUTTER TYPES C, D & E	REVISED: 9/10/2021	DETAIL No. 220Q-2


TYPE 'C' ROLL CURB AND GUTTER
24"
TYPE 'A' VERTICAL CURB AND GUTTER
5' CURB TRANSITION
24"

CURB TRANSITION TYPE 'A' TO TYPE 'C'


5' CURB TRANSITION
1/2" EXPANSION JOINT FILLER SHALL BE BITUMINOUS TYPE PREFORMED, ASTM D-1751
TYPE 'C'
RADIUS AS SHOWN ON PLANS

CURB AND GUTTER TRANSITION


4'
24"
ROADWAY
CONTRACTION JOINT PER MAG SECTION 340
1/2" R
1.5%
24" R
5"
ABC (NOTE 8)
4"
6"
24" R
1/4"
4"
1/2"
6"
7-1/2"
11-1/4"
1/2" BATTER REQUIRED
SUBGRADE (NOTE 8)

INTEGRAL ROLL CURB, GUTTER AND SIDEWALK

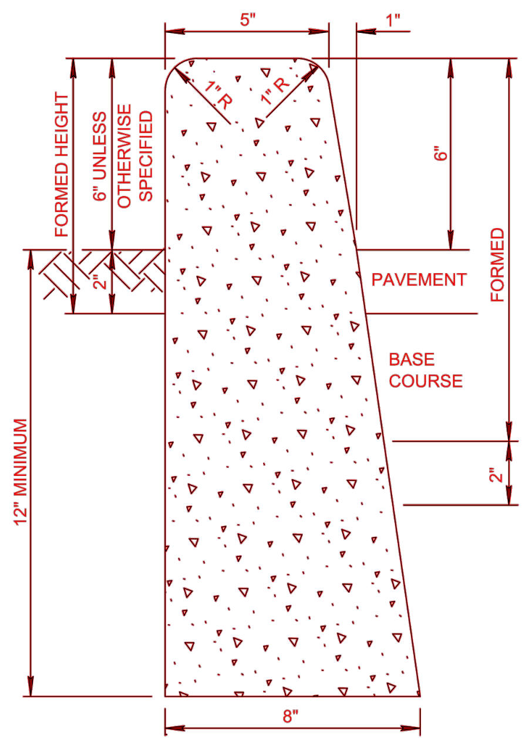
NOTES: (CURB AND GUTTER TRANSITIONS)

1. TRANSITIONS WILL BE PAID FOR AS THE PREDOMINANT TYPE OF CURB AND GUTTER BEING TRANSITIONED. WHEN TYPE 'A' CURB AND GUTTER ARE USED AT CURB RETURNS AND TYPE 'C' CURB AND GUTTER IS PREDOMINANTLY USED ELSEWHERE, THE TYPE 'A' TO TYPE 'C' TRANSITIONS SHALL BE MEASURED AND PAID FOR AS TYPE 'C' CURB AND GUTTER.
2. WHERE PROPOSED CONSTRUCTION IS TO BE CONNECTED TO EXISTING CURB AND GUTTER, THE TRANSITION SHALL BE INDICATED ON PLANS.
3. CLASS 'AA' CONCRETE PER MAG SECTION 725.
4. TRANSITION BETWEEN TYPICAL SECTIONS SHALL BE ACCOMPLISHED BY THE USE OF DIRECT STRAIGHT LINE TRANSITIONS OF THE FLOW LINE AND OTHER SURFACE FEATURES.
5. 6" MINIMUM OF ABC COMPACTED IN ACCORDANCE WITH COP MAG SUPP. SECT. 310.3, OR AS SPECIFIED ON PLANS AND GEOTECHNICAL REPORT.

NOTES: (INTEGRAL ROLL CURB, GUTTER AND SIDEWALK)

1. CONCRETE TO BE MONOLITHIC POUR. EXPOSED SURFACE FINISH AS PER SIDEWALK AND GUTTER DETAIL.
2. CONTRACTION JOINT SPACING 5' MAXIMUM.
3. EXPANSION JOINTS PER MAG SECTION 340.
4. CLASS 'AA' CONCRETE PER MAG SECTION 725.
5. 6" MINIMUM ABC COMPACTED IN ACCORDANCE WITH COP MAG SUPP. SECT. 310.3, OR AS SPECIFIED ON PLANS AND GEOTECHNICAL REPORT.
6. TOPV: INTEGRAL ROLL CURB, GUTTER AND SIDEWALK IS NOT ALLOWED.

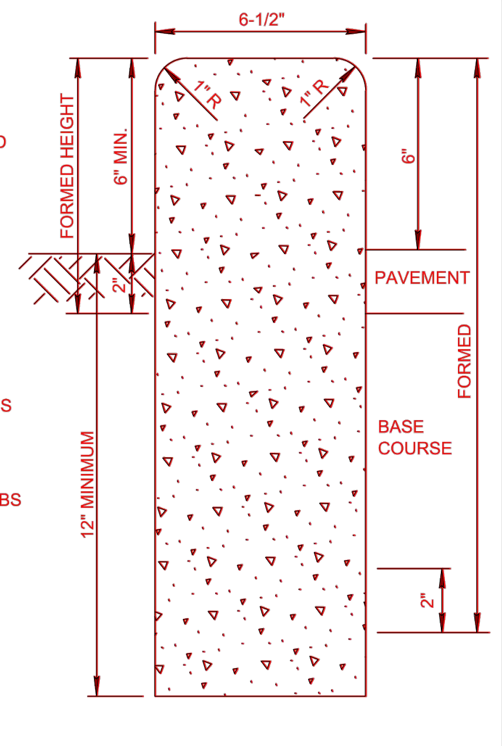
QUAD CITY STANDARD DETAIL	CURB AND GUTTER TRANSITION TYPE 'A' TO TYPE 'C' & INTEGRAL ROLL CURB AND SIDEWALK	REVISED: 9/10/2021	DETAIL No. 221Q


5"
1"
1" R
1" R
FORMED HEIGHT
6" UNLESS OTHERWISE SPECIFIED
6"
2"
PAVEMENT
FORMED
BASE COURSE
2"
12" MINIMUM
8"

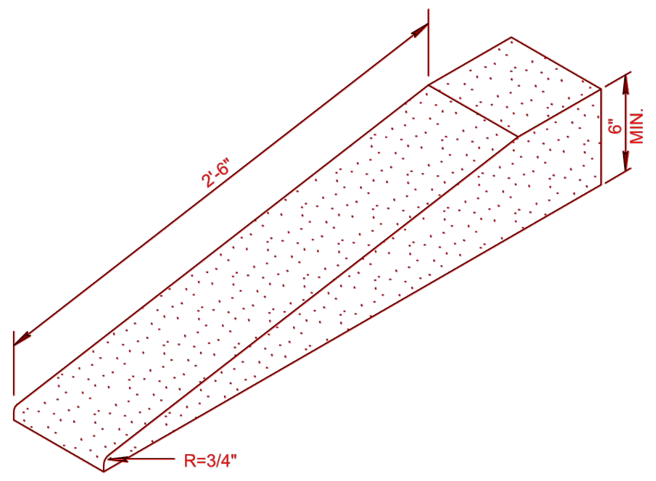
TYPE "A"

NOTES:

1. ALL VERTICAL SURFACES TO BE FORMED.
2. VERTICAL SURFACES DOWN FROM 2" BELOW UNDISTURBED SOIL MAY BE PLACED AGAINST NEAT CUT IF APPROVED BY THE ENGINEER AND CONCRETE WILL NOT EXTEND MORE THAN 1" BEYOND THEORETICAL FACE.
3. ALL EXPOSED SURFACES TO BE STRIPPED GREEN AND TROWEL FINISHED.
4. CONCRETE CURBS CONFORM TO SECT. 340.
5. MAXIMUM SPACING OF CONTRACTION JOINTS IS 10'.
6. CONCRETE TO BE CLASS "AA" PER SECT. 725.
7. WHEN PAVEMENT AND BASE COURSE EQUALS OR EXCEEDS 10" IN DEPTH, THE ENTIRE ROADWAY SIDE OF THE CURB SHALL BE FORMED. THE TOTAL CURB HEIGHT REMAINS 18" UNLESS NOTED OTHERWISE.
8. 6" MINIMUM DEPTH ABC SHALL BE PLACED BELOW ALL CURBS PER COP MAG SUPPLEMENT 310.3.

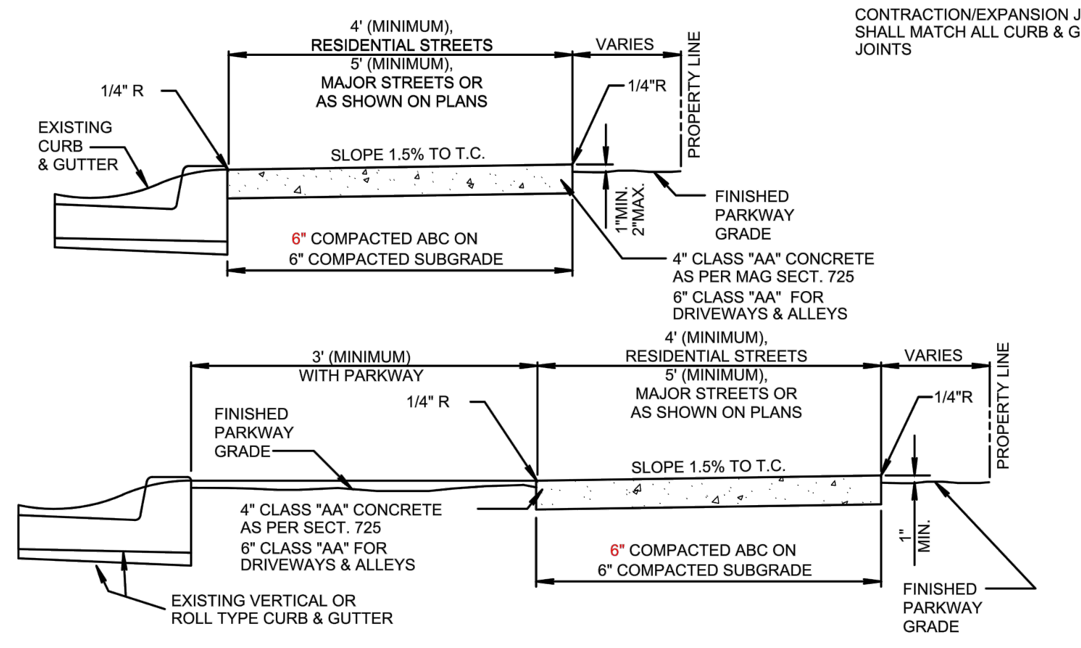

6-1/2"
1" R
1" R
FORMED HEIGHT
6" MIN.
2"
6"
PAVEMENT
FORMED
BASE COURSE
12" MINIMUM
2"

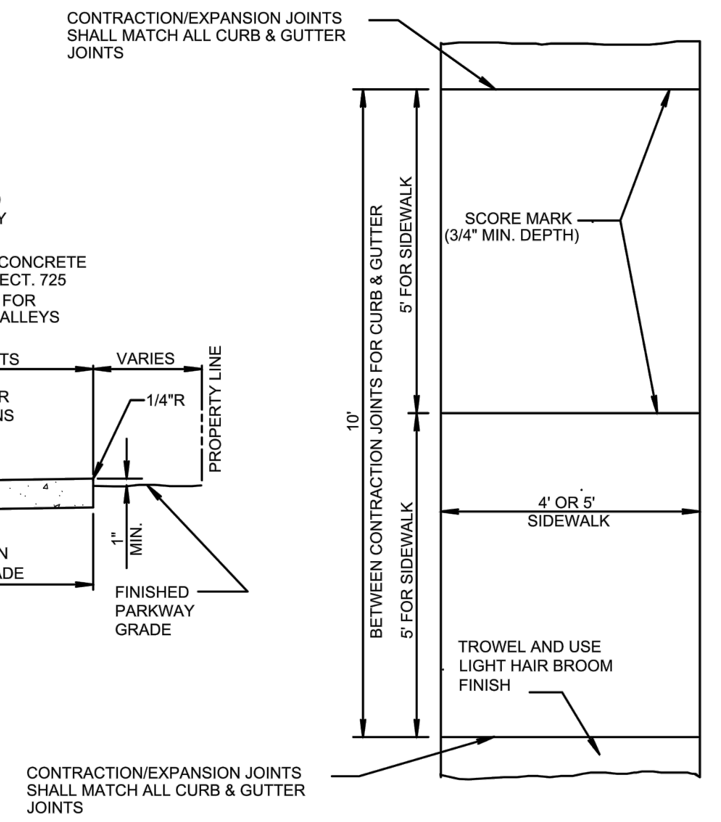
TYPE "B"



TYPICAL CURB TERMINATION

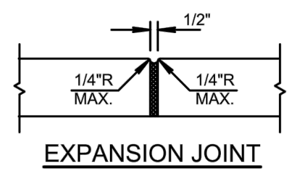
QUAD CITY STANDARD DETAIL	SINGLE CURB - TYPES A, B, AND TERMINATION	REVISED: 9/10/2021	DETAIL No. 222Q


4' (MINIMUM), RESIDENTIAL STREETS
5' (MINIMUM), MAJOR STREETS OR AS SHOWN ON PLANS
VARIES
PROPERTY LINE
1/4" R
1/4"R
EXISTING CURB & GUTTER
SLOPE 1.5% TO T.C.
1"MIN. 2"MAX.
FINISHED PARKWAY GRADE
6" COMPACTED ABC ON 6" COMPACTED SUBGRADE
4" CLASS "AA" CONCRETE AS PER MAG SECT. 725
6" CLASS "AA" FOR DRIVEWAYS & ALLEYS
3' (MINIMUM) WITH PARKWAY
4' (MINIMUM), RESIDENTIAL STREETS
5' (MINIMUM), MAJOR STREETS OR AS SHOWN ON PLANS
VARIES
PROPERTY LINE
1/4" R
1/4"R
FINISHED PARKWAY GRADE
SLOPE 1.5% TO T.C.
4" CLASS "AA" CONCRETE AS PER SECT. 725
6" CLASS "AA" FOR DRIVEWAYS & ALLEYS
6" COMPACTED ABC ON 6" COMPACTED SUBGRADE
1" MIN.
FINISHED PARKWAY GRADE
EXISTING VERTICAL OR ROLL TYPE CURB & GUTTER

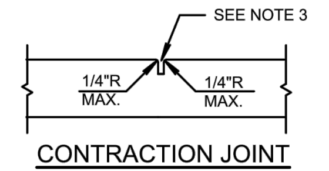

CONTRACTION/EXPANSION JOINTS SHALL MATCH ALL CURB & GUTTER JOINTS
10'
BETWEEN CONTRACTION JOINTS FOR CURB & GUTTER
5' FOR SIDEWALK
5' FOR SIDEWALK
SCORE MARK (3/4" MIN. DEPTH)
4' OR 5' SIDEWALK
TROWEL AND USE LIGHT HAIR BROOM FINISH
CONTRACTION/EXPANSION JOINTS SHALL MATCH ALL CURB & GUTTER JOINTS

NOTES:

1. SIDEWALK CONSTRUCTION SHALL CONFORM TO MAG SECTIONS 725 & 340.
2. EXPANSION JOINT FILLER SHALL BE 1/2" BITUMINOUS TYPE PREFORMED EXPANSION JOINT FILLER, A.S.T.M. D-1751.
3. LARGE AGGREGATE, IN CONTRACTION JOINT, SHALL BE SEPARATED TO A DEPTH OF 1". FINISH DEPTH SHALL BE A MINIMUM OF 3/4".
4. EXPANSION JOINT 50' MAX. SPACING PER MAG SECT. 340 AND AT ALL P.C.'S, DRIVEWAYS, ALLEYS, AND STRUCTURES.
5. SUBGRADE TO BE COMPACTED PER COP MAG SUPPLEMENT 310.3. MOISTURE TO BE 2% OVER OPTIMUM IN COHESIVE SOILS.
6. 6" MINIMUM ABC COMPACTED PER COP MAG SUPPLEMENT 310.3 AND SHALL EXTEND TO BACK OF SIDEWALK.

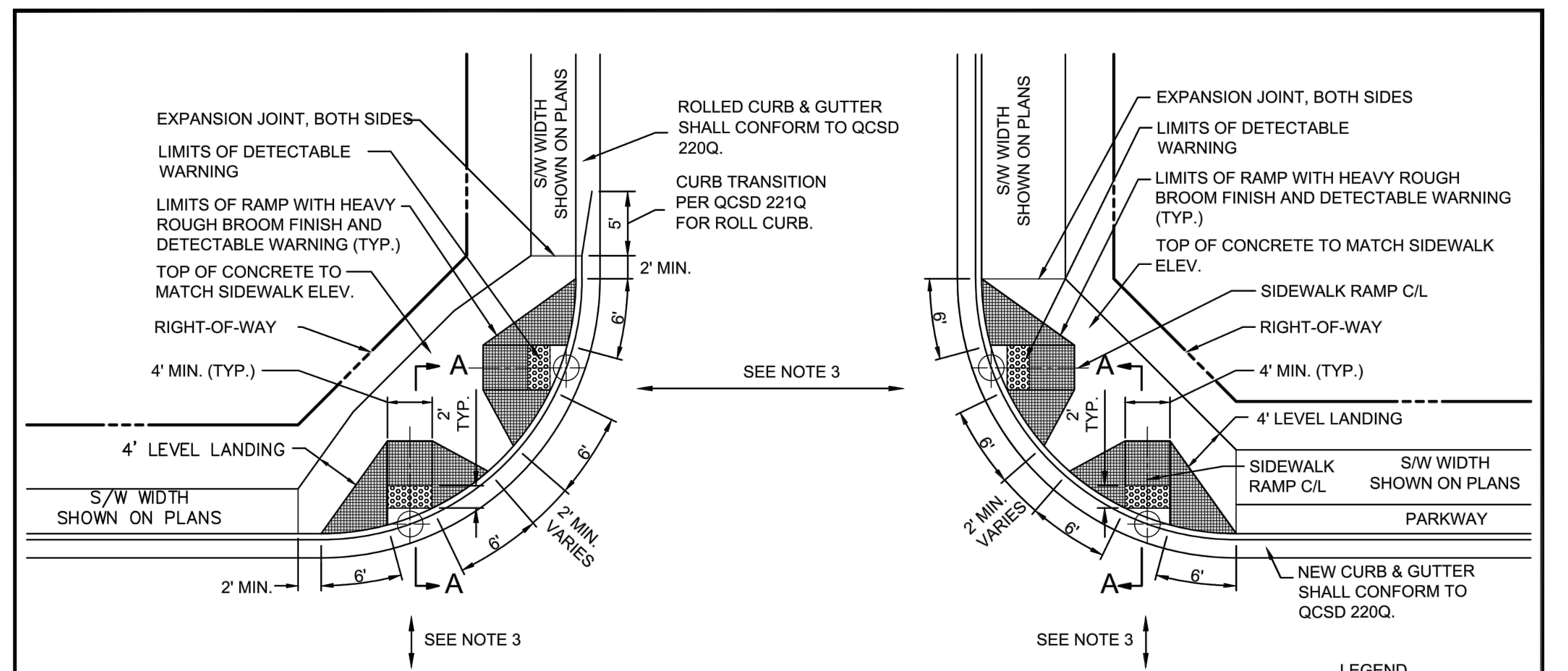

1/2"
1/4"R MAX.
1/4"R MAX.

EXPANSION JOINT


SEE NOTE 3
1/4"R MAX.
1/4"R MAX.

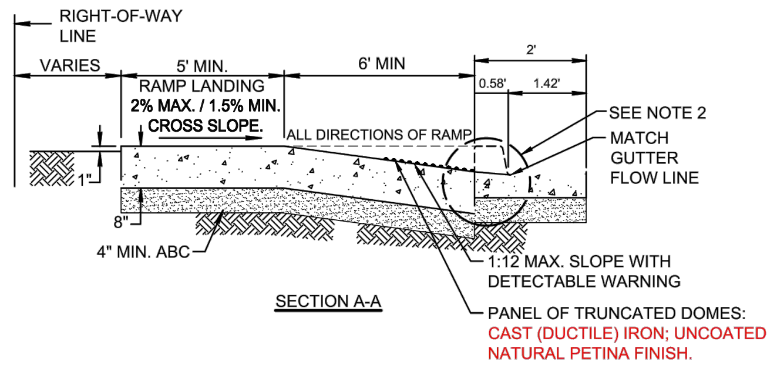
CONTRACTION JOINT

QUAD CITY STANDARD DETAIL	SIDEWALKS	REVISED: 9/10/2021	DETAIL No. 230Q


EXPANSION JOINT, BOTH SIDES
LIMITS OF DETECTABLE WARNING
LIMITS OF RAMP WITH HEAVY ROUGH BROOM FINISH AND DETECTABLE WARNING (TYP.)
TOP OF CONCRETE TO MATCH SIDEWALK ELEV.
RIGHT-OF-WAY
4' MIN. (TYP.)
4' LEVEL LANDING
S/W WIDTH SHOWN ON PLANS
2' MIN.
S/W WIDTH SHOWN ON PLANS
ROLLED CURB & GUTTER SHALL CONFORM TO QCSD 220Q.
CURB TRANSITION PER QCSD 221Q FOR ROLL CURB.
5'
2' MIN.
6'
A
2' TYP.
6'
2' MIN. VARIES
6'
6'
SEE NOTE 3
SEE NOTE 3
SEE NOTE 3
S/W WIDTH SHOWN ON PLANS
EXPANSION JOINT, BOTH SIDES
LIMITS OF DETECTABLE WARNING
LIMITS OF RAMP WITH HEAVY ROUGH BROOM FINISH AND DETECTABLE WARNING (TYP.)
TOP OF CONCRETE TO MATCH SIDEWALK ELEV.
SIDEWALK RAMP C/L
RIGHT-OF-WAY
4' MIN. (TYP.)
4' LEVEL LANDING
SIDEWALK RAMP C/L
S/W WIDTH SHOWN ON PLANS
PARKWAY
NEW CURB & GUTTER SHALL CONFORM TO QCSD 220Q.

LEGEND

⌖ RAMP CONTROL POINT (TYP.) SEE PLANS

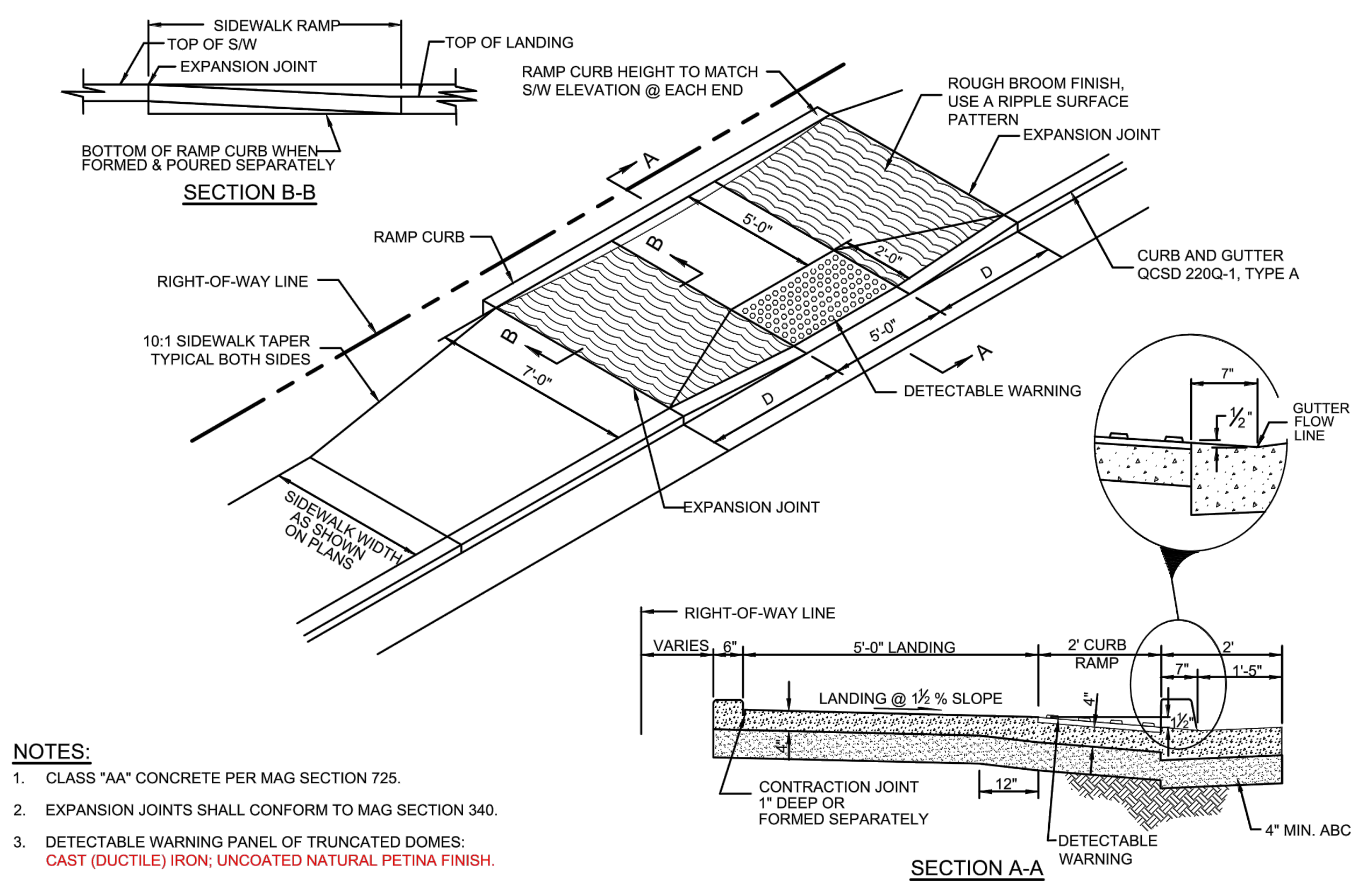

RIGHT-OF-WAY LINE
VARIES
5' MIN.
RAMP LANDING 2% MAX. / 1.5% MIN. CROSS SLOPE.
6' MIN
ALL DIRECTIONS OF RAMP
2'
0.58'
1.42'
SEE NOTE 2
MATCH GUTTER FLOW LINE
1"
8"
4" MIN. ABC
1:12 MAX. SLOPE WITH DETECTABLE WARNING
PANEL OF TRUNCATED DOMES: CAST (DUCTILE) IRON; UNCOATED NATURAL PETINA FINISH.

SECTION A-A

NOTES:

1. ALL CONCRETE TO BE CLASS "AA", MAG SECTION 725.
2. ALL RAMPS AND DETECTABLE WARNING SHALL BE ALIGNED IN THE DIRECTION OF PEDESTRIAN TRAVEL AND DIRECTED TOWARD RAMP ON OPPOSITE SIDE OF STREET.
3. THE USE OF ANY SIDEWALK RAMP OTHER THAN DIRECTIONAL SIDEWALK RAMPS ON COLLECTOR OR ARTERIAL STREETS REQUIRES APPROVAL FROM AGENCY ENGINEER.
4. SEE PLANS FOR LOCATION OF SIDEWALK RAMP CENTERLINE.
5. NO PORTION OF THE PEDESTRIAN ROUTE CROSSING THE STREET MAY EXCEED 2% CROSS SLOPE.
6. A MINIMUM OF 6" ABC COMPACTED TO 98% SHALL EXTEND TO BACK OF RAMP LANDING.

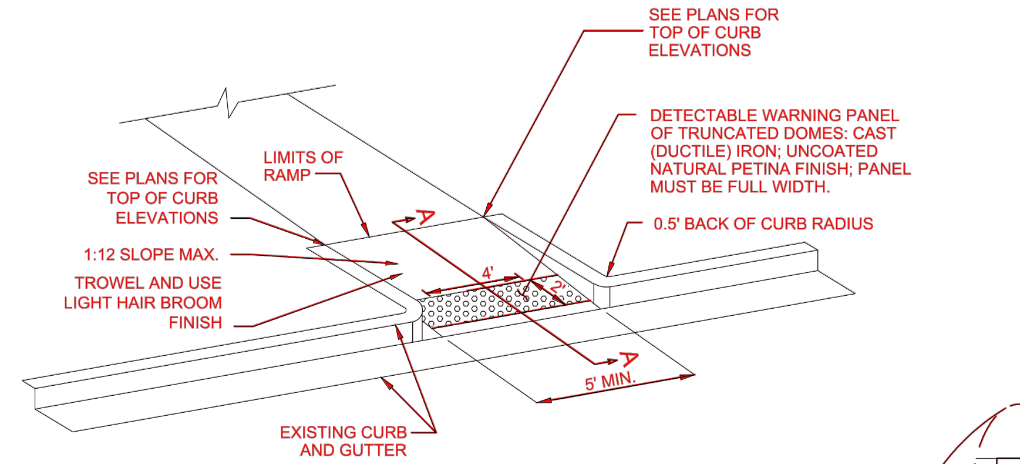
QUAD CITY STANDARD DETAIL	DIRECTIONAL SIDEWALK RAMPS	REVISED: 9/10/2021	DETAIL No. 232Q


SIDEWALK RAMP
TOP OF S/W
EXPANSION JOINT
TOP OF LANDING
BOTTOM OF RAMP CURB WHEN FORMED & POURED SEPARATELY
SECTION B-B
RAMP CURB HEIGHT TO MATCH S/W ELEVATION @ EACH END
ROUGH BROOM FINISH, USE A RIPPLE SURFACE PATTERN
EXPANSION JOINT
RAMP CURB
RIGHT-OF-WAY LINE
10:1 SIDEWALK TAPER TYPICAL BOTH SIDES
CURB AND GUTTER QCSD 220Q-1, TYPE A
A
B
5'-0"
2'-0"
D
5'-0"
7'-0"
DETECTABLE WARNING
EXPANSION JOINT
SIDEWALK WIDTH AS SHOWN ON PLANS
7"
½"
GUTTER FLOW LINE
RIGHT-OF-WAY LINE
VARIES
6"
5'-0" LANDING
2' CURB RAMP
2'
7"
1'-5"
LANDING @ 1½ % SLOPE
4"
1½"
4"
12"
CONTRACTION JOINT 1" DEEP OR FORMED SEPARATELY
DETECTABLE WARNING
4" MIN. ABC
SECTION A-A

NOTES:

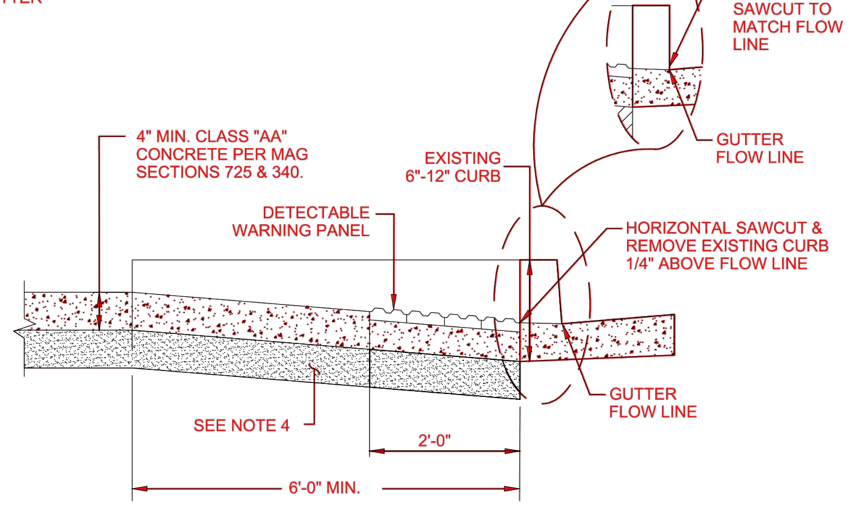
1. CLASS "AA" CONCRETE PER MAG SECTION 725.
2. EXPANSION JOINTS SHALL CONFORM TO MAG SECTION 340.
3. DETECTABLE WARNING PANEL OF TRUNCATED DOMES: CAST (DUCTILE) IRON; UNCOATED NATURAL PETINA FINISH.
4. DETAIL IS ADA COMPLIANT FOR $S_G \leq 2\%$.
5. A MINIMUM OF 6" ABC COMPACTED TO 98% PROCTOR SHALL EXTEND TO BACK OF RAMP LANDING.

QUAD CITY STANDARD DETAIL	MIDBLOCK ATTACHED SIDEWALK RAMP	REVISED: 9/10/2021	DETAIL No. 233Q-2


SEE PLANS FOR TOP OF CURB ELEVATIONS
DETECTABLE WARNING PANEL OF TRUNCATED DOMES: CAST (DUCTILE) IRON; UNCOATED NATURAL PETINA FINISH; PANEL MUST BE FULL WIDTH.
0.5' BACK OF CURB RADIUS
LIMITS OF RAMP
SEE PLANS FOR TOP OF CURB ELEVATIONS
1:12 SLOPE MAX.
TROWEL AND USE LIGHT HAIR BROOM FINISH
4'
2'
A
5' MIN.
EXISTING CURB AND GUTTER

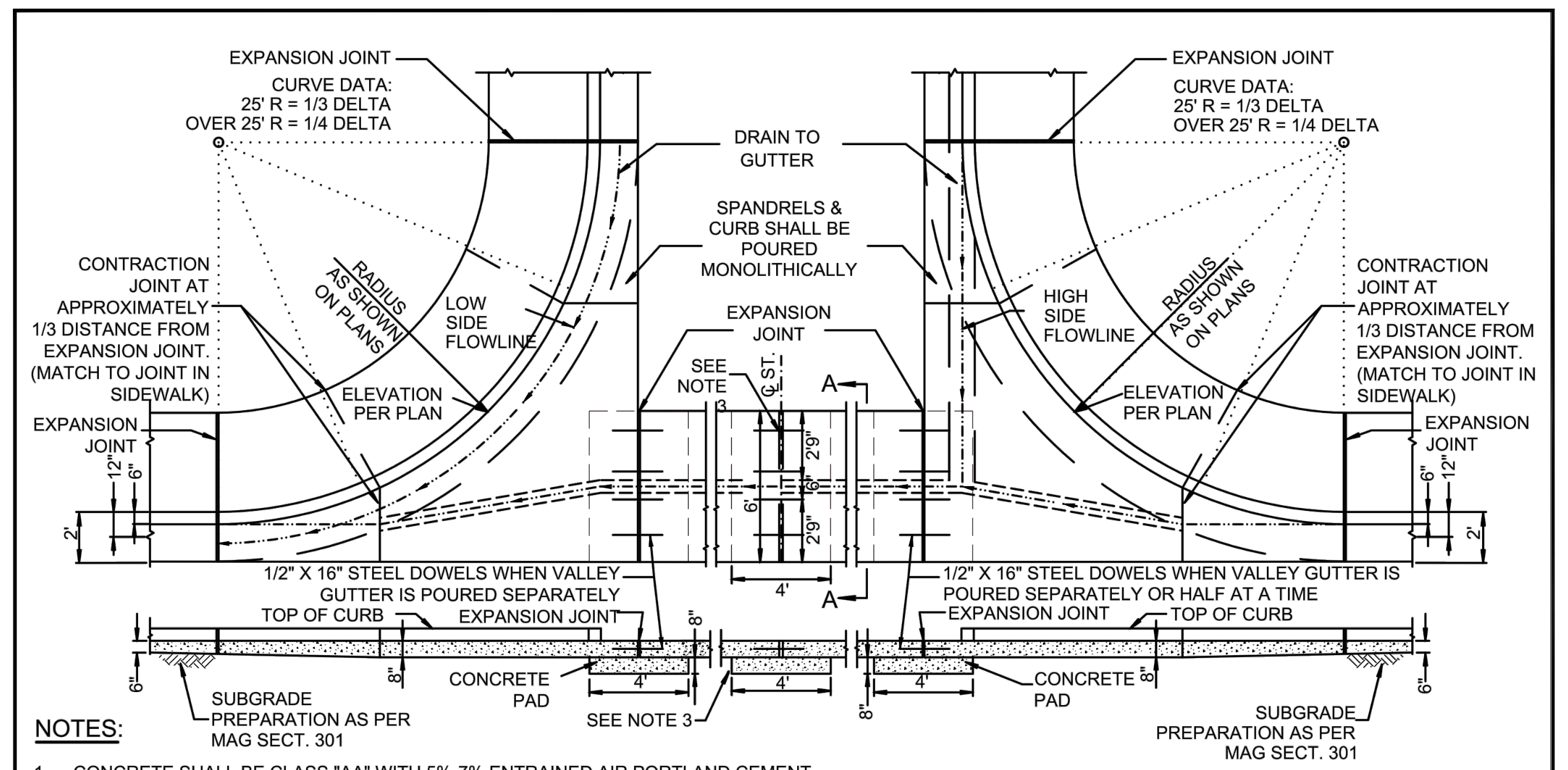
NOTES

1. ALL WORK AND MATERIALS SHALL CONFORM TO MAG SECTION 340 & 505 & 725.
2. CONCRETE SHALL BE CLASS 'AA'.
3. ALL EXPOSED SURFACES TO BE TROWEL FINISHED EXCEPT AS SHOWN.
4. A MINIMUM OF 6" ABC COMPACTED TO 98% PROCTOR SHALL EXTEND TO BACK OF RAMP LANDING.


ANGLE HORIZONTAL SAWCUT TO MATCH FLOW LINE
GUTTER FLOW LINE
4" MIN. CLASS "AA" CONCRETE PER MAG SECTIONS 725 & 340.
EXISTING 6"-12" CURB
DETECTABLE WARNING PANEL
HORIZONTAL SAWCUT & REMOVE EXISTING CURB 1/4" ABOVE FLOW LINE
GUTTER FLOW LINE
SEE NOTE 4
2'-0"
6'-0" MIN.

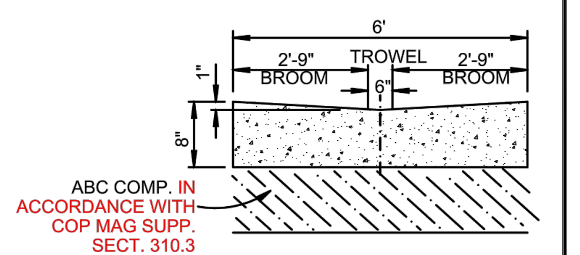
SECTION A-A

QUAD CITY STANDARD DETAIL	TYPICAL PCC CURB RAMP REPLACEMENT - TYPE 1	REVISED: 9/10/2021	DETAIL No. 235P


EXPANSION JOINT
CURVE DATA: 25' R = 1/3 DELTA OVER 25' R = 1/4 DELTA
DRAIN TO GUTTER
SPANDRELS & CURB SHALL BE POURED MONOLITHICALLY
CONTRACTION JOINT AT APPROXIMATELY 1/3 DISTANCE FROM EXPANSION JOINT. (MATCH TO JOINT IN SIDEWALK)
RADIUS AS SHOWN ON PLANS
LOW SIDE FLOWLINE
ELEVATION PER PLAN
EXPANSION JOINT
EXPANSION JOINT
SEE NOTE 3
℄ ST.
A
2'9"
6"
6'
2'9"
4'
12"
6"
2'
HIGH SIDE FLOWLINE
ELEVATION PER PLAN
1/2" X 16" STEEL DOWELS WHEN VALLEY GUTTER IS POURED SEPARATELY
1/2" X 16" STEEL DOWELS WHEN VALLEY GUTTER IS POURED SEPARATELY OR HALF AT A TIME
TOP OF CURB
EXPANSION JOINT
8"
6"
8"
CONCRETE PAD
4'
4'
4'
SEE NOTE 3
SUBGRADE PREPARATION AS PER MAG SECT. 301

NOTES:

1. CONCRETE SHALL BE CLASS "AA" WITH 5%-7% ENTRAINED AIR PORTLAND CEMENT CONCRETE 600 LBS. WITH 3/4" AGGREGATE MAX., 4000 P.S.I. AT 28 DAYS & SHALL HAVE A SLUMP OF NOT MORE THAN 4 INCHES, PER MAG SECT. 340 & 725.
2. EITHER CONSTRUCTION JOINT OR CONTRACTION JOINT IS REQUIRED AT CENTERLINE OF STREET.
3. A SEPARATE CONCRETE PAD IS REQUIRED WHEN VALLEY GUTTER IS POURED SEPARATELY OR HALF AT A TIME. THE PAD, THE FULL WIDTH OF THE VALLEY GUTTER, SHALL BE CENTERED UNDER THE CONSTRUCTION JOINT AT THE VALLEY GUTTER.
4. EXPANSION JOINTS SHALL CONFORM TO MAG SECT. 340.
5. NO CONCRETE SHALL BE PLACED PRIOR TO FORM INSPECTION BY THE AGENCY ENGINEER OR DESIGNEE.
6. A MINIMUM OF 8" ABC (OR PER GEOTECH ANALYSIS) COMPACTED IN ACCORDANCE WITH COP MAG SUPP. SECT. 310.3 SHALL EXTEND BELOW GUTTER & SPANDRELS.


6'
2'-9" BROOM
TROWEL
2'-9" BROOM
1"
6"
8"
ABC COMP. IN ACCORDANCE WITH COP MAG SUPP. SECT. 310.3 (NOT A SEPARATE PAY ITEM)

SECTION A-A
VALLEY GUTTER

QUAD CITY STANDARD DETAIL	6' VALLEY GUTTER & SPANDRELS	REVISED: 9/10/2021	DETAIL No. 240Q-1

FILE NAME&PATH: K:\ENGINEERING\PROJECTS\FY23\FY22-CIP SUNDOG TRUNK MAIN PHASE C2\CADD\SHEETS\011 CIP DET.DWG

NO.	BY	DATE	REVISIONS	APPRV DATE
ENGINEER				CITY

CIP# 2302-001

REVIEW:

Call at least two full working days before you begin excavation.
ARIZONA811
Arizona Blue Stake, Inc.
Dial 8-1-1 or 1-800-STAKE-IT (782-5348)

Registered Professional Engineer (Civil)
CERTIFICATE NO. 43830
IAN M. MATTINGLY
Date Signed 06/07/2023
ARIZONA, U.S.A.

CITY OF PRESCOTT
Everybody's Hometown

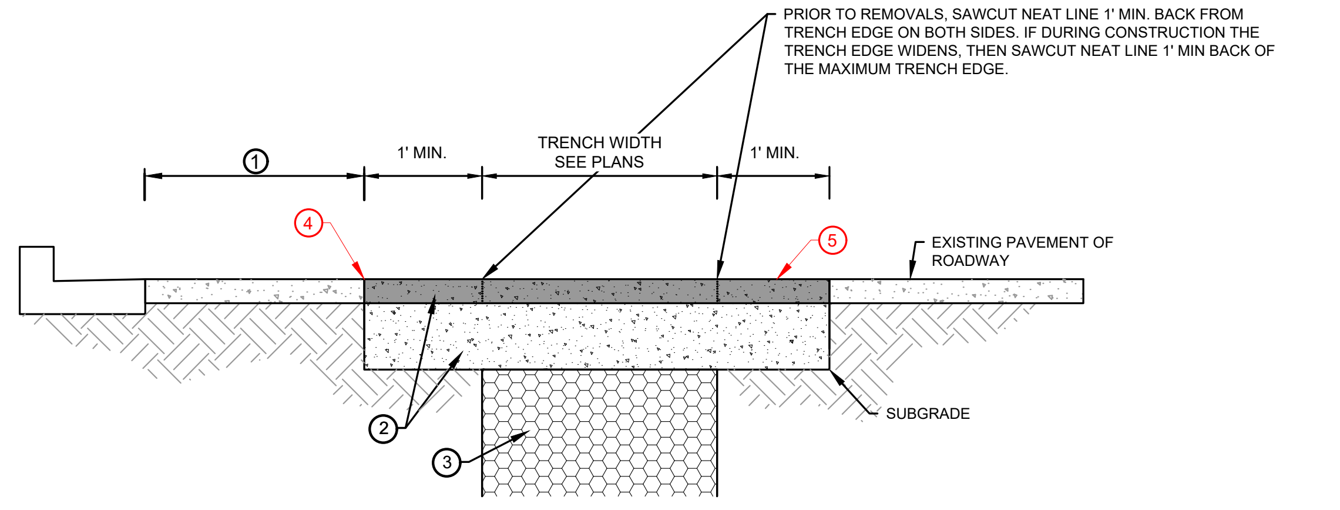
PREPARED BY: JAM
CHECKED BY: JL/BB
FOR: COP

CITY OF PRESCOTT PUBLIC WORKS

DETAILS

DATE: 06/7/2023
SHEET NO. 16 OF 18

GARDEN ST AND WESTERN AVENUE
SANITARY SEWER AND ROADWAY IMPROVEMENTS


PRIOR TO REMOVALS, SAWCUT NEAT LINE 1' MIN. BACK FROM TRENCH EDGE ON BOTH SIDES. IF DURING CONSTRUCTION THE TRENCH EDGE WIDENS, THEN SAWCUT NEAT LINE 1' MIN BACK OF THE MAXIMUM TRENCH EDGE.
①
1' MIN.
TRENCH WIDTH SEE PLANS
1' MIN.
④
⑤
EXISTING PAVEMENT OF ROADWAY
②
③
SUBGRADE

① PAVEMENT CUTS 3' OR LESS FROM LIP OF GUTTER OR EDGE OF PAVEMENT SHALL REQUIRE FULL REMOVAL OF PAVEMENT AND REPLACEMENT TO MATCH EXISTING SECTION. PERPENDICULAR PAVEMENT CUTS WITHIN 20' OF AN EXISTING CUT MUST BE PATCHED AS ONE PATCH BY MILLING AND REPLACING A MINIMUM OF 2" DEPTH BETWEEN OUTSIDE EDGES OF THE MULTIPLE CUTS.

② MATCH EXISTING PAVEMENT STRUCTURAL SECTION OR 4" MIN AC TO BE INSTALLED IN TWO LIFTS OVER 8" MIN ABC COMPACTED TO 95% OF STANDARD PROCTOR DENSITY, WHICHEVER IS GREATER. IN UNPAVED AREAS, MATCH EXISTING SURFACE MATERIAL AND DEPTH.

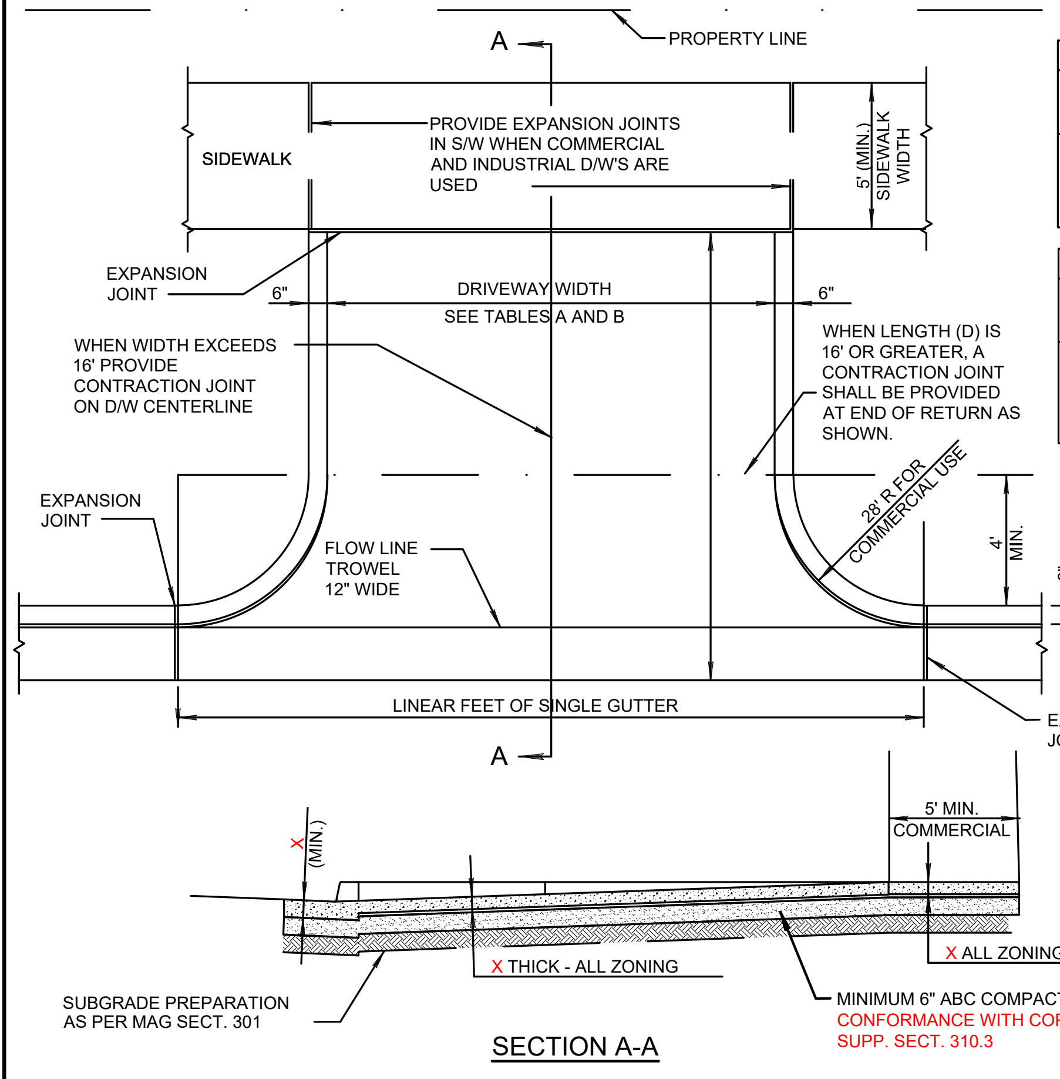
③ BACKFILL TRENCHES IN PAVEMENT WITH 1/2 SACK CLSM PER MAG 728. FOR UNPAVED SURFACE (BACKFILL TRENCH WITH ABC).

④ TACK EDGE OF SAWCUT WITH SS1H WHEN PAVING (TYP.)

⑤ ASPHALT PAVEMENT PER MAG SPECIFICATION 710. 4" MIN. OR MATCH EXISTING, WHICHEVER IS GREATER.

NOTE: BACKFILL SHALL BE COMPACTED TO 95% PROCTOR DENSITY PER ASTM D-698. MIN. 1 TEST PER LIFT PER 200'. EXPOSED SUBGRADE TO BE COMPACTED TO 95% PROCTOR DENSITY PER ASTM D-698. PAVED SURFACE TO BE COMPACTED TO 95% MARSHALL DENSITY PER ASTM D-6927-15.

QUAD CITY STANDARD DETAIL	TRENCH BACKFILL AND SURFACE REPLACEMENT	REVISED: 9/10/2021	DETAIL No. 200Q-1


A
PROPERTY LINE
SIDEWALK
PROVIDE EXPANSION JOINTS IN S/W WHEN COMMERCIAL AND INDUSTRIAL D/W'S ARE USED
5' (MIN.) SIDEWALK WIDTH
EXPANSION JOINT
6"
DRIVEWAY WIDTH SEE TABLES A AND B
6"
WHEN WIDTH EXCEEDS 16' PROVIDE CONTRACTION JOINT ON D/W CENTERLINE
WHEN LENGTH (D) IS 16' OR GREATER, A CONTRACTION JOINT SHALL BE PROVIDED AT END OF RETURN AS SHOWN.
28' R FOR COMMERCIAL USE
EXPANSION JOINT
FLOW LINE TROWEL 12" WIDE
4' MIN.
6"
LINEAR FEET OF SINGLE GUTTER
EXPANSION JOINT
A
X (MIN.)
5' MIN. COMMERCIAL
X THICK - ALL ZONING
X ALL ZONING
SUBGRADE PREPARATION AS PER MAG SECT. 301
MINIMUM 6" ABC COMPACTED IN CONFORMANCE WITH COP MAG SUPP. SECT. 310.3

SECTION A-A

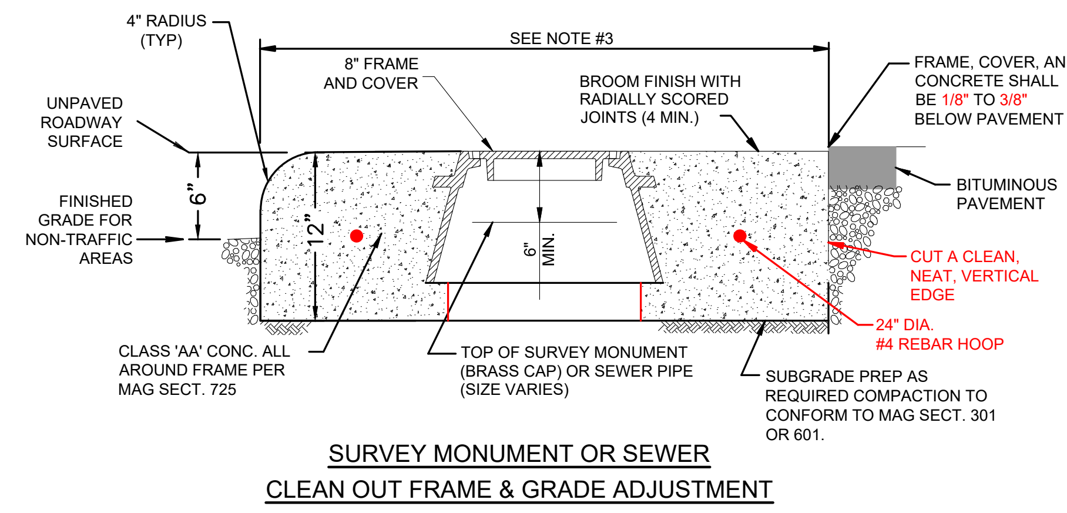
TABLE A			
ZONING COMMERCIAL AND INDUSTRIAL	DRIVEWAY WIDTH		
	MIN.*	MAX.	DEPTH 'X'
COMMERCIAL	16'	40'	9"
INDUSTRIAL	16'	40'	9"
* 24' WHERE 2-WAY TRAFFIC IS ANTICIPATED			

TABLE B			
ZONING RESIDENTIAL	DRIVEWAY WIDTH		
	MIN.*	MAX.	DEPTH 'X'
MAJOR STREET	16'	30'	6"
COLLECTOR STREET	12'	30'	6"
LOCAL STREET	12'	30'	6"
* 16' WIDTH IS DESIRABLE			

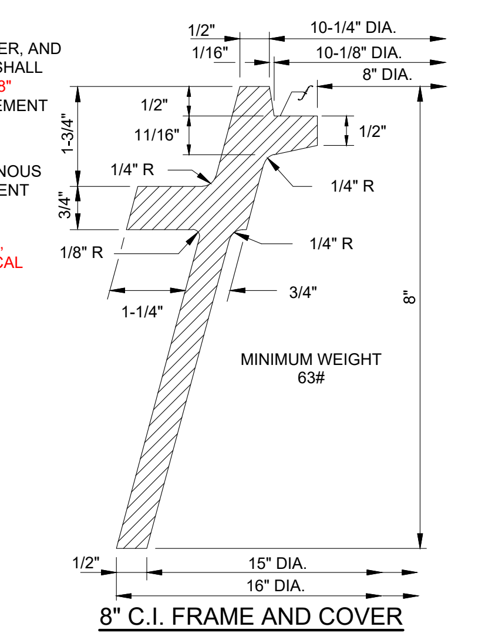
NOTES:

1. EXPANSION JOINTS SHALL COMPLY TO MAG SECTION 340.
2. THIS TYPE D/W TO BE USED ONLY UPON APPROVAL OF ENGINEER.
3. CLASS "AA" CONCRETE CONSTRUCTION AS PER MAG SECTION 725.
4. SUBGRADE TO BE COMPACTED IN ACCORDANCE WITH COP MAG SECT. 301.
5. CURB GRINDING AND CUTTING NOT PERMITTED.

QUAD CITY STANDARD DETAIL	RETURN TYPE DRIVEWAY	REVISED: 9/10/2021	DETAIL No. 251Q


4" RADIUS (TYP)
SEE NOTE #3
8" FRAME AND COVER
BROOM FINISH WITH RADIALLY SCORED JOINTS (4 MIN.)
FRAME, COVER, AND CONCRETE SHALL BE 1/8" TO 3/8" BELOW PAVEMENT
UNPAVED ROADWAY SURFACE
BITUMINOUS PAVEMENT
FINISHED GRADE FOR NON-TRAFFIC AREAS
CUT A CLEAN, NEAT, VERTICAL EDGE
24" DIA #4 REBAR HOOP
CLASS 'AA' CONC. ALL AROUND FRAME PER MAG SECT. 725
TOP OF SURVEY MONUMENT (BRASS CAP) OR SEWER PIPE (SIZE VARIES)
SUBGRADE PREP AS REQUIRED COMPACTION TO CONFORM TO MAG SECT. 301 OR 601.

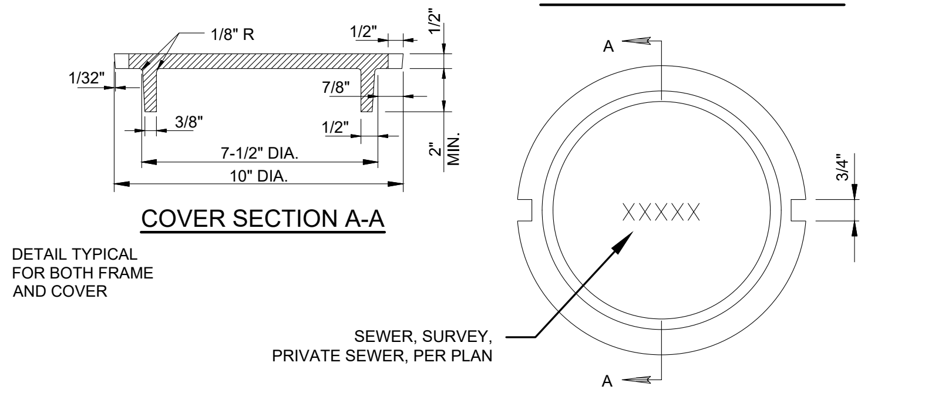
SURVEY MONUMENT OR SEWER CLEAN OUT FRAME & GRADE ADJUSTMENT


1/2"
1/16"
10-1/4" DIA.
10-1/8" DIA.
8" DIA.
1/2"
11/16"
1-3/4"
1/2"
1/4" R
1/4" R
3/4"
1/8" R
1/4" R
3/4"
1-1/4"
MINIMUM WEIGHT 63#
1/2"
15" DIA.
16" DIA.

8" C.I. FRAME AND COVER

NOTES:

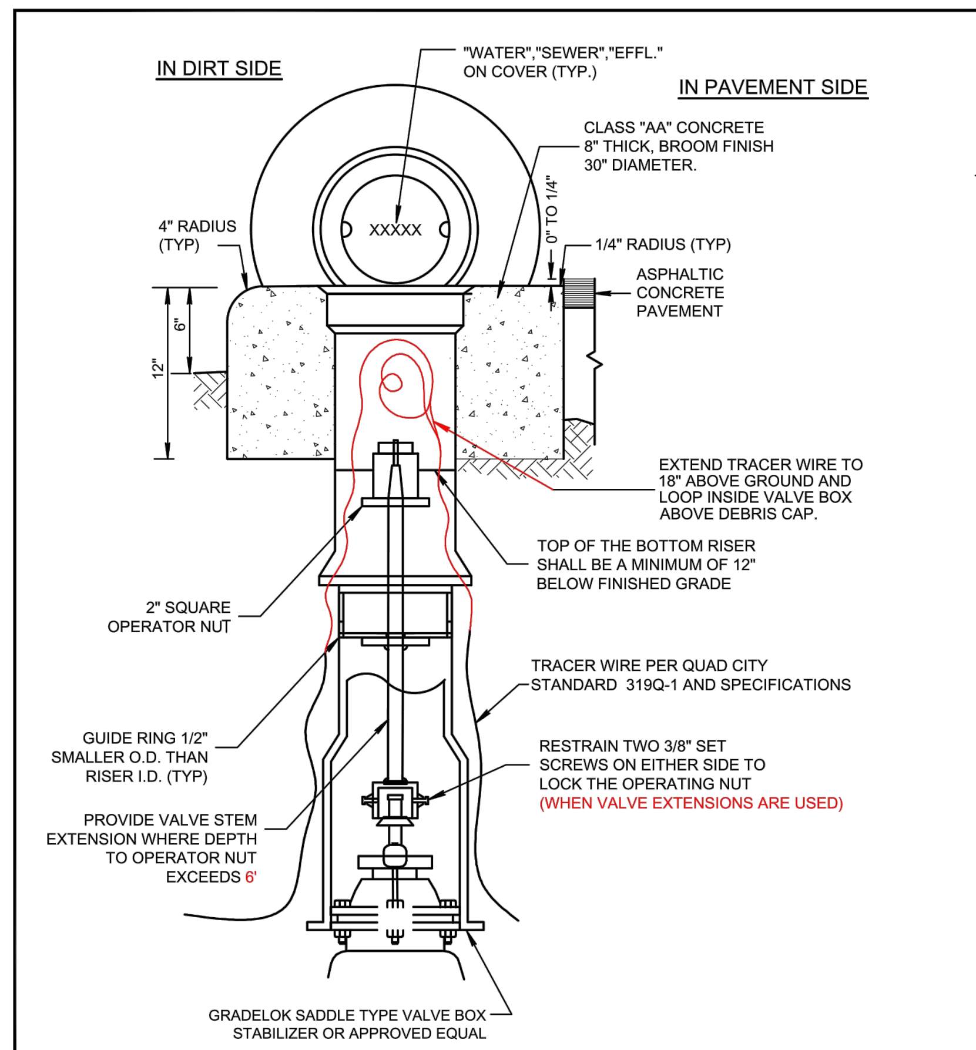
1. LETTERS ON COVER TO BE AS FOLLOWS: "SEWER", "PRIVATE SEWER", OR "SURVEY" AS DIRECTED TOTAL WIDTH OF WORD "SEWER" 3-3/4". TOTAL WIDTH OF WORD "SURVEY" 4-1/2". LETTER SIZE 5/8" x 3/4", RAISED 1/16" ABOVE LEVEL OF COVER, TYPE OF LETTERS TO BE SUBMITTED FOR APPROVAL.
2. U.S. MANUFACTURED IRON ONLY.
3. CONCRETE COLLAR SHALL BE 32" DIAMETER IN VEHICULAR TRAFFIC AREAS INCLUDING ALL EASEMENTS, AND 24" DIAMETER IN NON TRAFFIC AREAS.
4. FOR SURVEY MONUMENTS, PLACE SAND UNDER FRAME INSTEAD OF CONCRETE.


1/8" R
1/2"
1/32"
7/8"
3/8"
1/2"
7-1/2" DIA.
10" DIA.
A
XXXXX
3/4"
A
SEWER, SURVEY, PRIVATE SEWER, PER PLAN

COVER SECTION A-A

DETAIL TYPICAL FOR BOTH FRAME AND COVER

QUAD CITY STANDARD DETAIL	8" FRAME AND COVER	REVISED: 9/10/2021	DETAIL No. 270Q


IN DIRT SIDE
"WATER","SEWER","EFFL." ON COVER (TYP.)
IN PAVEMENT SIDE
CLASS "AA" CONCRETE 8" THICK, BROOM FINISH 30" DIAMETER.
XXXXX
4" RADIUS (TYP)
1/4" RADIUS (TYP)
ASPHALTIC CONCRETE PAVEMENT
EXTEND TRACER WIRE TO 18" ABOVE GROUND AND LOOP INSIDE VALVE BOX ABOVE DEBRIS CAP.
TOP OF THE BOTTOM RISER SHALL BE A MINIMUM OF 12" BELOW FINISHED GRADE
2" SQUARE OPERATOR NUT
TRACER WIRE PER QUAD CITY STANDARD 319Q-1 AND SPECIFICATIONS
GUIDE RING 1/2" SMALLER O.D. THAN RISER I.D. (TYP)
RESTRAIN TWO 3/8" SET SCREWS ON EITHER SIDE TO LOCK THE OPERATING NUT (WHEN VALVE EXTENSIONS ARE USED)
PROVIDE VALVE STEM EXTENSION WHERE DEPTH TO OPERATOR NUT EXCEEDS 6'
GRADELOK SADDLE TYPE VALVE BOX STABILIZER OR APPROVED EQUAL

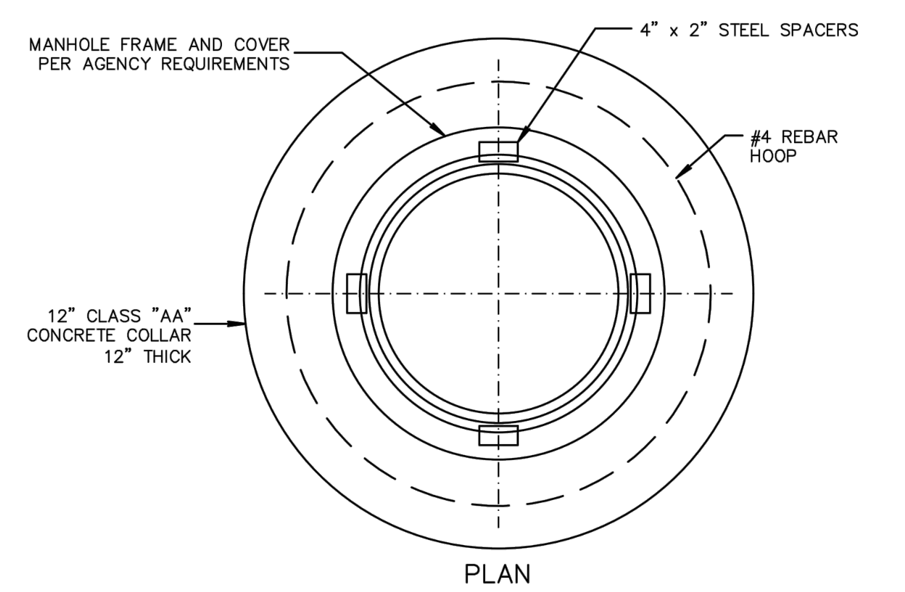
NOTES:

1. VALVE BOX SHALL BE ADJUSTED TO THE FINISHED GRADE AFTER PLACING OF THE FINISH PAVEMENT SURFACE.
2. USE PARKSON TYLER #6855, APCO OR EQUAL DEEP SKIRTED LID (4" OR MORE) TYPE, SLIDING ADJUSTABLE CAST IRON VALVE BOX C.I. MIN. T.S. 30,000 P.S.I.
3. ALL VALVES CONNECTED TO EXISTING MAINS ARE TO BE OPERATED BY AGENCY PERSONNEL ONLY.
4. U.S. MANUFACTURED IRON ONLY.
5. ALL STEEL FOR EXTENSION TO HAVE SHOP PRIME COAT ZINC CHROMATE, AND ONE HEAVY APPLICATION NO-OX-10 "A" IN ACCORDANCE WITH MANUFACTURE'S DIRECTION.
6. DEBRIS CAP PER MAG DETAIL 392.
7. VALVE BLOCKING REQUIRED PER QUAD CITY STANDARD DETAIL 301Q.

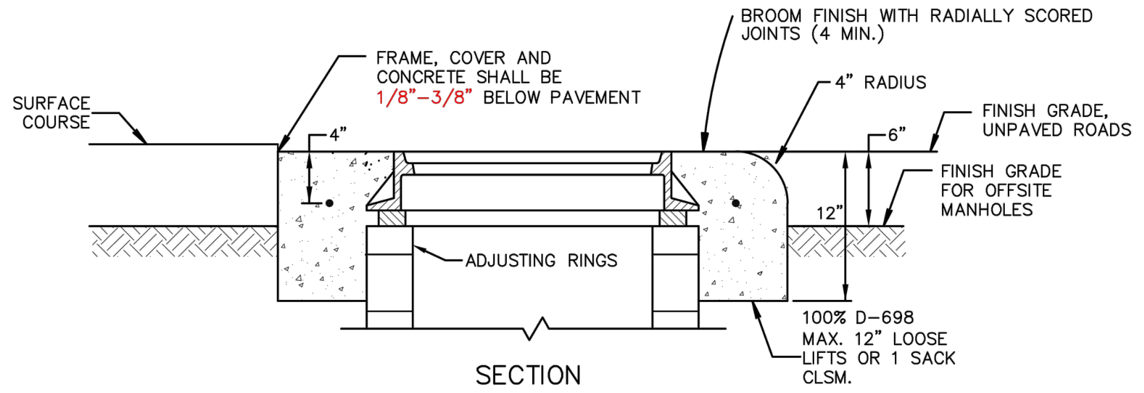
DEBRIS CAP COLOR TABLE

VALVE TYPE	COLOR
IN-LINE-RW	BLACK
HYDRANT	BLUE
BUTTERFLY	YELLOW
ZONE	RED
FIRE LINE	WHITE
EFFLUENT	PURPLE
SEWER FORCE MAIN	GREEN

QUAD CITY STANDARD DETAIL	VALVE BOX	REVISED: X/17	DETAIL No. 391Q


MANHOLE FRAME AND COVER PER AGENCY REQUIREMENTS
4" x 2" STEEL SPACERS
#4 REBAR HOOP
12" CLASS "AA" CONCRETE COLLAR 12" THICK

PLAN


BROOM FINISH WITH RADIALLY SCORED JOINTS (4 MIN.)
FRAME, COVER AND CONCRETE SHALL BE 1/8"-3/8" BELOW PAVEMENT
4" RADIUS
SURFACE COURSE
4"
FINISH GRADE, UNPAVED ROADS
6"
FINISH GRADE FOR OFFSITE MANHOLES
12"
ADJUSTING RINGS
100% D-698 MAX. 12" LOOSE LIFTS OR 1 SACK CLSM.

SECTION

NOTES:

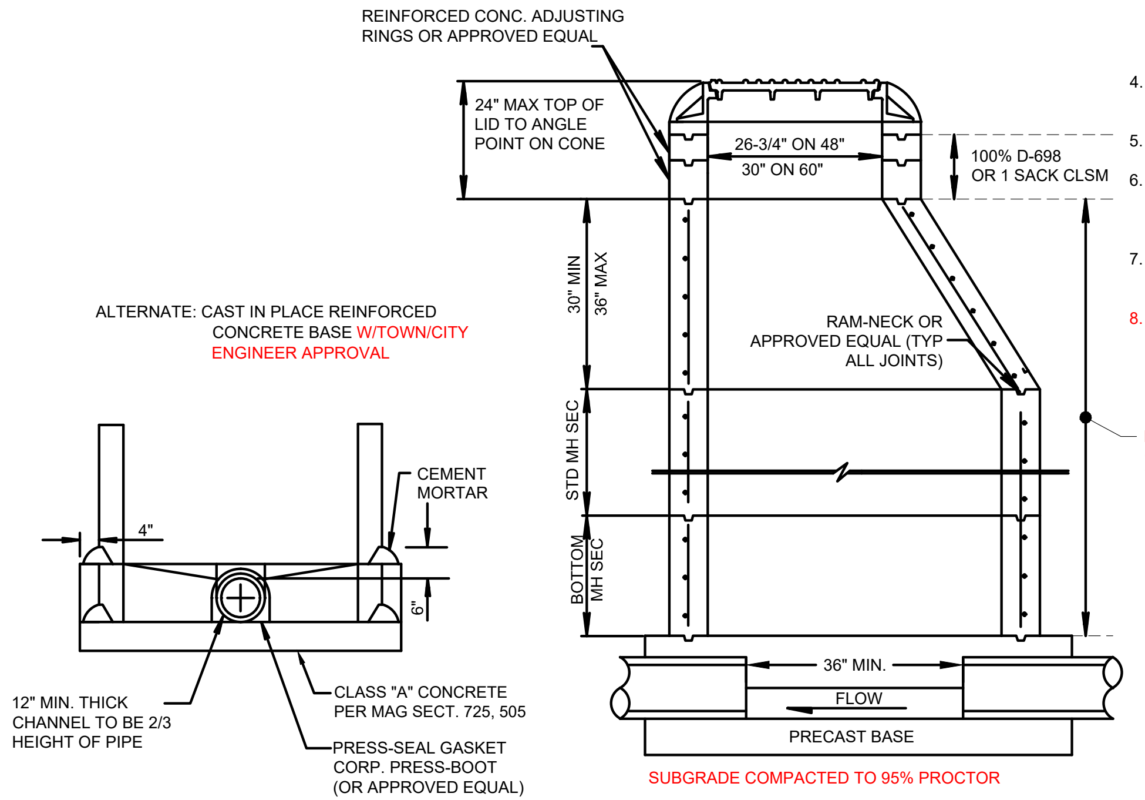
1. SPACERS SHALL BE STEEL OR APPROVED EQUAL.
2. A MINIMUM OF FOUR SPACERS SHALL BE USED AND EQUALLY SPACED, MAXIMUM 4" THICKNESS.
3. AN INTERNAL FORM SHALL BE USED TO PREVENT CONCRETE FROM FALLING INTO MANHOLE.
4. A MINIMUM OF ONE RISER RING SHALL BE USED.

QUAD CITY STANDARD DETAIL	MANHOLE FRAME ADJUSTMENT	REVISED: X/17	DETAIL No. 422Q

MANHOLE INSIDE DIAMETER REQUIREMENTS

PIPE DIAMETER	DEPTH OF MAIN	MANHOLE DIA	RING & COVER
8" - 12"	UP TO 12'	4'	24" DIA
8" - 12"	12' - 20'	5'	30" DIA
15" - 18"	UP TO 20'	5'	30" DIA
*21" AND LARGER	UP TO 20'	6'	30" DIA

*24" AND LARGER REQUIRE COP APPROVAL

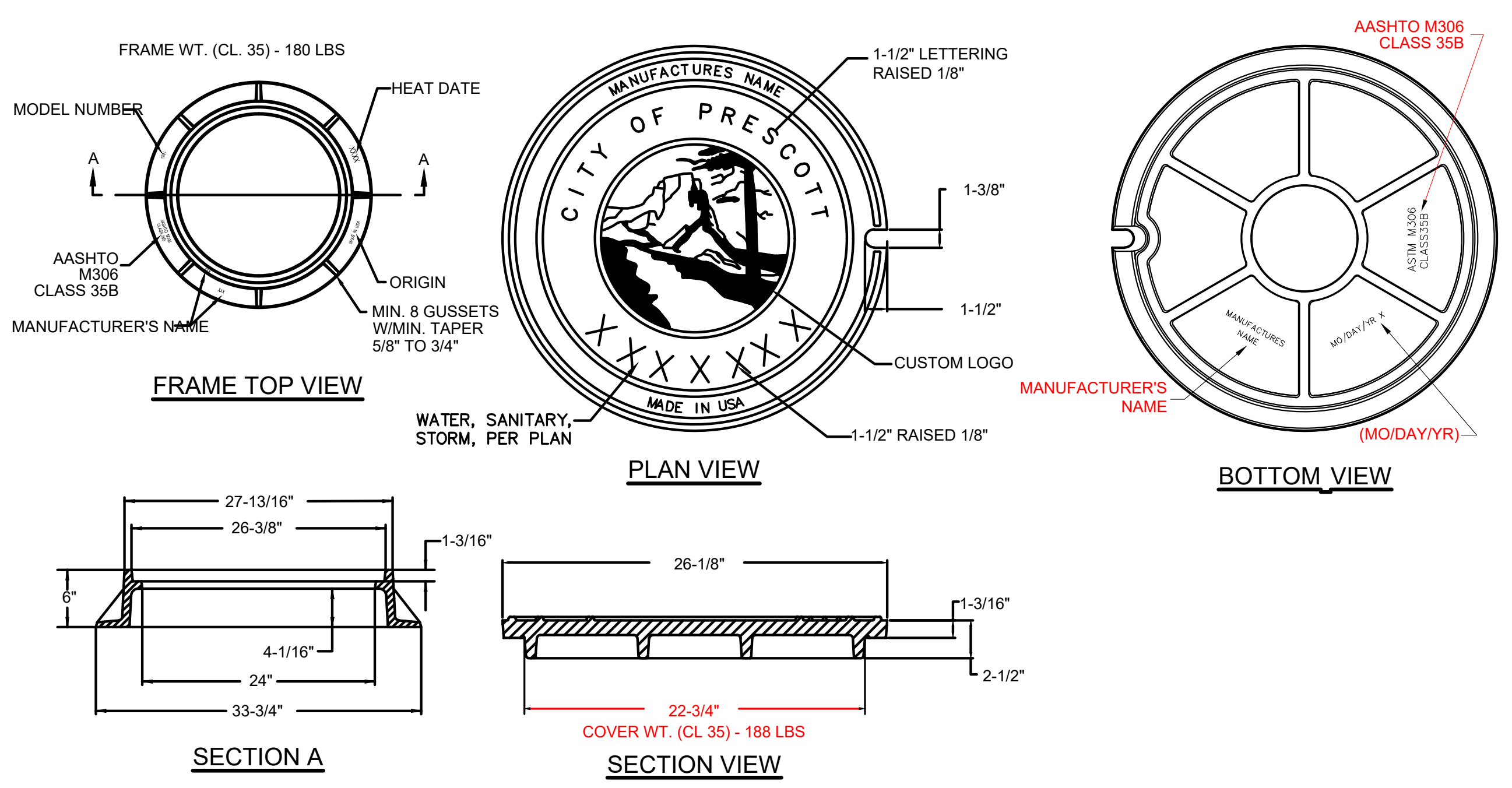

REINFORCED CONC. ADJUSTING RINGS OR APPROVED EQUAL
24" MAX TOP OF LID TO ANGLE POINT ON CONE
26-3/4" ON 48"
30" ON 60"
100% D-698 OR 1 SACK CLSM
ALTERNATE: CAST IN PLACE REINFORCED CONCRETE BASE W/TOWN/CITY ENGINEER APPROVAL
RAM-NECK OR APPROVED EQUAL (TYP ALL JOINTS)
30" MIN. 36" MAX
STD MH SEC.
BOTTOM MH SEC.
4"
CEMENT MORTAR
12" MIN. THICK CHANNEL TO BE 2/3 HEIGHT OF PIPE
CLASS "A" CONCRETE PER MAG SECT. 725, 505
PRESS-SEAL GASKET CORP. PRESS-BOOT (OR APPROVED EQUAL) AND GROUT
36" MIN.
FLOW
PRECAST BASE
SUBGRADE COMPACTED TO 95% PROCTOR

NOTES:

1. 24" MAX. DISTANCE FROM CONE TO RIM WILL BE ATTAINED PRIOR TO SETTING CONE.
2. PRE-CAST, REINFORCED MANHOLE SECTIONS SHALL BE MANUFACTURED IN ACCORDANCE WITH A.S.T.M. C-478
3. MANHOLE FRAME AND COVER PER AGENCY MANHOLE STEPS SHALL NOT BE REQUIREMENTS AND ALLOWED IN SEWER MANHOLES. ADJUSTMENT PER 422Q.
4. ALL CONCRETE TO BE CURED AND PROTECTED.
5. GROUT ALL JOINTS TO SMOOTH SURFACE.
6. PRESCOTT MANHOLES: REQUIRING LINING SHALL BE LINED WITH SEWER SHIELD 150, SEWERGARD 210S, OR RAVEN 405.
7. PRESCOTT VALLEY: ALL MANHOLES SHALL BE CONSTRUCTED WITH CONmicSHIELD.
8. ENGINEER OF RECORD SHALL CERTIFY INVERT AND RIM ELEVATIONS TO ENSURE 24" MAX. DISTANCE FROM CONE TO RIM WILL BE ATTAINED PRIOR TO SETTING CONE.

BACKFILL WITH 1 SACK CLSM, CONSOLIDATED METHOD, TO TOP OF SUBGRADE

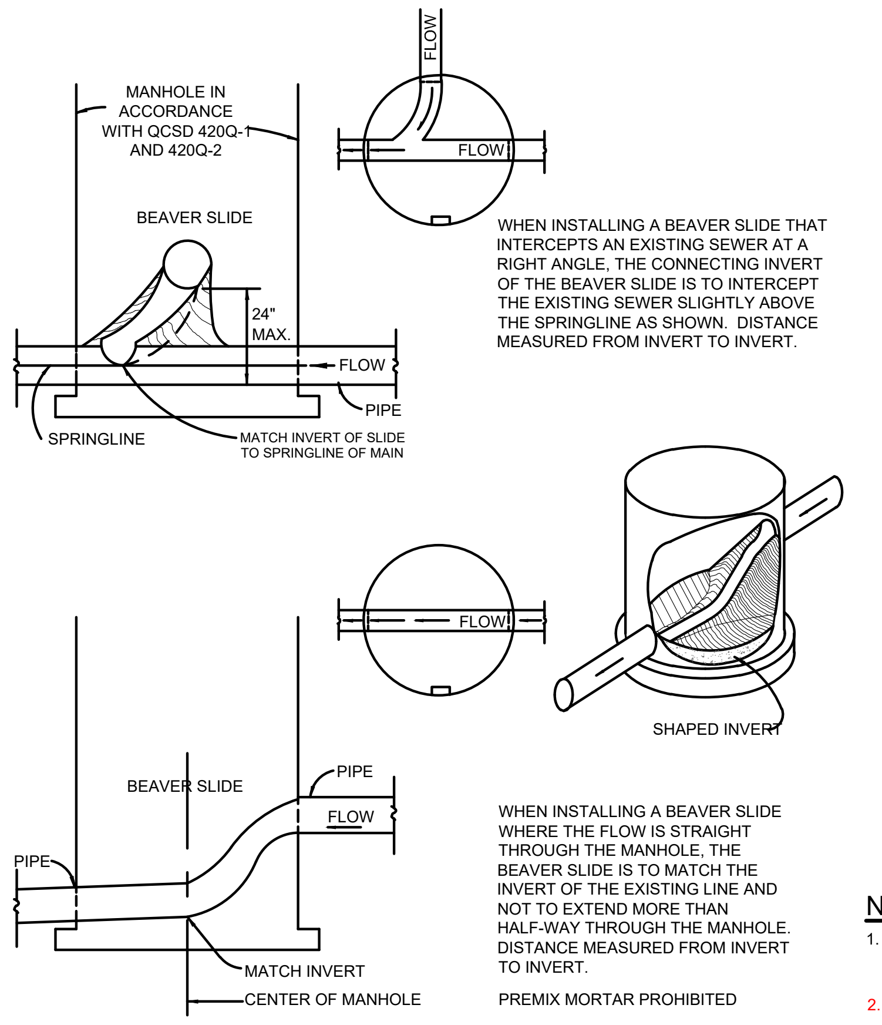
QUAD CITY STANDARD DETAIL	PRECAST CONCRETE SEWER MANHOLE	REVISED: 9/10/2021	DETAIL No. 420Q-1


FRAME WT. (CL. 35) - 180 LBS
MODEL NUMBER
HEAT DATE
A
A
AASHTO M306 CLASS 35B
ORIGIN
MANUFACTURER'S NAME
MIN. 8 GUSSETS W/MIN. TAPER 5/8" TO 3/4"
FRAME TOP VIEW
MANUFACTURES NAME
CITY OF PRESCOTT
XXXXXXX
MADE IN USA
1-1/2" LETTERING RAISED 1/8"
1-3/8"
1-1/2"
CUSTOM LOGO
1-1/2" RAISED 1/8"
WATER, SANITARY, STORM, PER PLAN
PLAN VIEW
AASHTO M306 CLASS 35B
MANUFACTURER'S NAME
(MO/DAY/YR)
BOTTOM VIEW
27-13/16"
26-3/8"
1-3/16"
6"
4-1/16"
24"
33-3/4"
SECTION A
26-1/8"
1-3/16"
2-1/2"
22-3/4"
COVER WT. (CL 35) - 188 LBS
SECTION VIEW

NOTES:

1. LETTERING ON MANHOLE COVER TO CONTAIN CITY OF PRESCOTT AND UTILITY FOR WHICH MANHOLE IS NEEDED, (I.E. "PRESCOTT SANITARY SEWER"), OR AS DIRECTED.
2. THE TOTAL WIDTH OF INDIVIDUAL LETTERS TO BE SUCH THAT LETTERS AND WORDS ARE EQUALLY SPACED AND BALANCED TO FORM A COMPLETE CIRCLE WITH SPACES BEFORE AND AFTER THE WORD IDENTIFYING THE AGENCY INVOLVED.
3. LETTERS TO BE 1-1/2" IN HEIGHT AND RAISED FLUSH W/TOP OF COVER.
4. TYPE OF LETTERS TO BE SUBMITTED FOR APPROVAL.
5. WEIGHT OF CASTINGS SHALL BE NO MORE THAN 2% MORE OR LESS THAN THE APPROXIMATE WEIGHT SPECIFIED.
6. CASTINGS SHALL CONFORM TO ASTM A-48, CLASS 35 AND AASHTO M306.
7. THE BEARING SURFACES OF THE FRAMES AND COVERS SHALL BE MACHINED AND THE COVERS SHALL SEAT FIRMLY WITHOUT ROCKING.
8. ALL DIMENSIONS SHALL HAVE A 1/16" TOLERANCE.
9. U.S. MANUFACTURED IRON ONLY.

QUAD CITY STANDARD DETAIL	24" CAST IRON MANHOLE FRAME AND COVER	REVISED: 9/10/2021	DETAIL No. 423P-1


MANHOLE IN ACCORDANCE WITH QCSD 420Q-1 AND 420Q-2
FLOW
FLOW
BEAVER SLIDE
24" MAX.
FLOW
PIPE
SPRINGLINE
MATCH INVERT OF SLIDE TO SPRINGLINE OF MAIN
FLOW
SHAPED INVERT
BEAVER SLIDE
PIPE
FLOW
PIPE
MATCH INVERT
CENTER OF MANHOLE

WHEN INSTALLING A BEAVER SLIDE THAT INTERCEPTS AN EXISTING SEWER AT A RIGHT ANGLE, THE CONNECTING INVERT OF THE BEAVER SLIDE IS TO INTERCEPT THE EXISTING SEWER SLIGHTLY ABOVE THE SPRINGLINE AS SHOWN. DISTANCE MEASURED FROM INVERT TO INVERT.

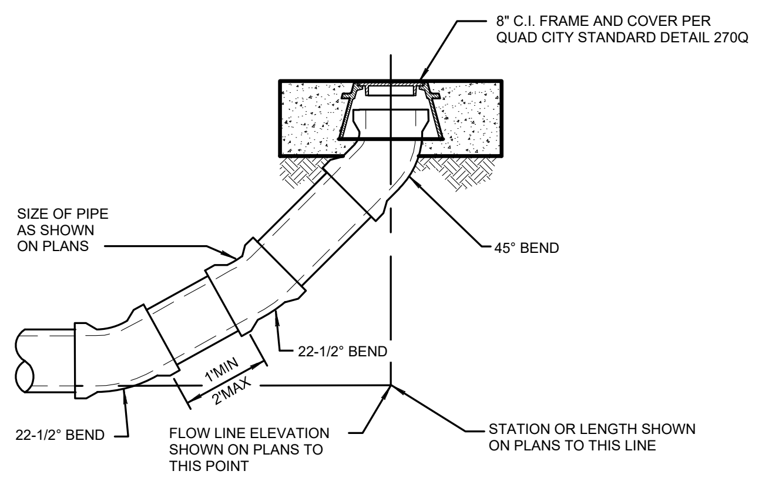
WHEN INSTALLING A BEAVER SLIDE WHERE THE FLOW IS STRAIGHT THROUGH THE MANHOLE, THE BEAVER SLIDE IS TO MATCH THE INVERT OF THE EXISTING LINE AND NOT TO EXTEND MORE THAN HALF-WAY THROUGH THE MANHOLE. DISTANCE MEASURED FROM INVERT TO INVERT.

PREMIX MORTAR PROHIBITED

NOTES

1. MAX BEAVER SLIDE ELEVATION CHANGE 2' UNLESS APPROVED BY THE CITY/TOWN ENGINEER.
2. BEAVER SLIDE CONCRETE SHALL BE CLASS A.

QUAD CITY STANDARD DETAIL	BEAVER SLIDE MANHOLE	REVISED: 9/10/2021	DETAIL No. 426Q-2


8" C.I. FRAME AND COVER PER QUAD CITY STANDARD DETAIL 270Q
SIZE OF PIPE AS SHOWN ON PLANS
45° BEND
22-1/2° BEND
1'MIN
2'MAX
22-1/2° BEND
FLOW LINE ELEVATION SHOWN ON PLANS TO THIS POINT
STATION OR LENGTH SHOWN ON PLANS TO THIS LINE

NOTES:

1. NO SERVICE TAPS SHALL BE LOCATED CLOSER THAN 4 FEET DOWNSTREAM OF FIRST BEND.
2. ALL JOINTS ARE TO BE WATER TIGHT.
3. CLEAN OUTS SHALL NOT BE PLACED IN VALLEY GUTTERS, SPANDRELS, CURB & GUTTERS, CATCH BASINS, OR OTHER DRAINAGE STRUCTURES.
4. CLEAN OUTS INSTALLED OFF SITE REQUIRE CARSONITE MARKERS RUNNING PARALLEL TO THE LINE, AS DIRECTED BY AGENCY ENGINEER.
5. BEDDING AND SHADING PER QUAD CITY STANDARD DETAIL 200Q.
6. PLACE CONCRETE AROUND 45° BEND INSIDE FRAME AND COVER.

QUAD CITY STANDARD DETAIL	SEWER MAIN LINE CLEANOUT	REVISED: 9/10/2021	DETAIL No. 441Q

GARDEN ST AND WESTERN AVENUE
SANITARY SEWER AND ROADWAY IMPROVEMENTS

DATE 06/7/2023
SHEET NO. 17 OF 18

CITY OF PRESCOTT PUBLIC WORKS

DETAILS

CITY OF PRESCOTT
Everybody's Hometown

PREPARED BY JAM
CHECKED BY JL/BB
FOR: COP

43830
IAN M. MATTINGLY
Date Signed 06/07/2023

Call at least two full working days before you begin excavation.
ARIZONA811
Arizona Blue Stake, Inc.
Dial 8-1-1 or 1-800-STAKE-IT (782-5348)

NO.	BY	DATE	REVISIONS	APPRV	DATE

ENGINEER
CITY

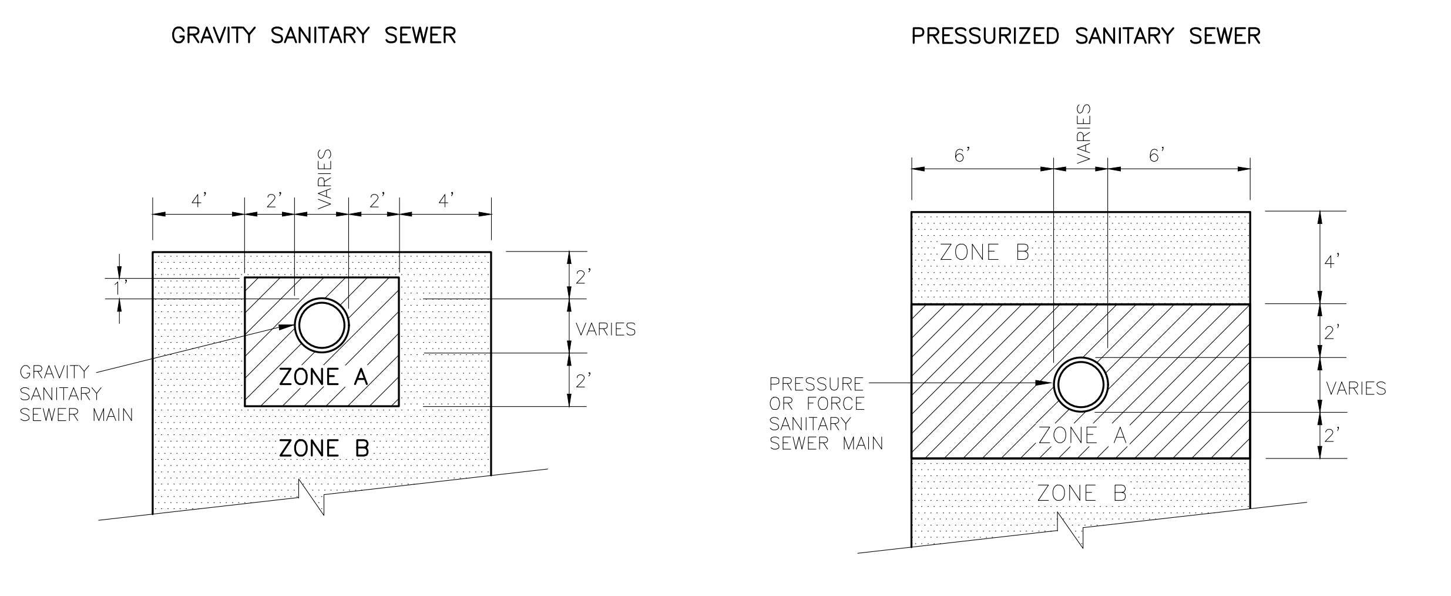
REVIEW:

CIP# 2302-001

FILE NAME&PATH: K:\ENGINEERING\PROJECTS\FY23\FY22-CIP SUNDOG TRUNK MAIN PHASE C2\CADD\SHEETS\011 CIP DET.DWG

FILE NAME&PATH: K:\ENGINEERING\PROJECTS\FY23\FY22-CIP SUNDOG TRUNK MAIN PHASE C2\CADD\SHEETS\011 CIP DET.DWG

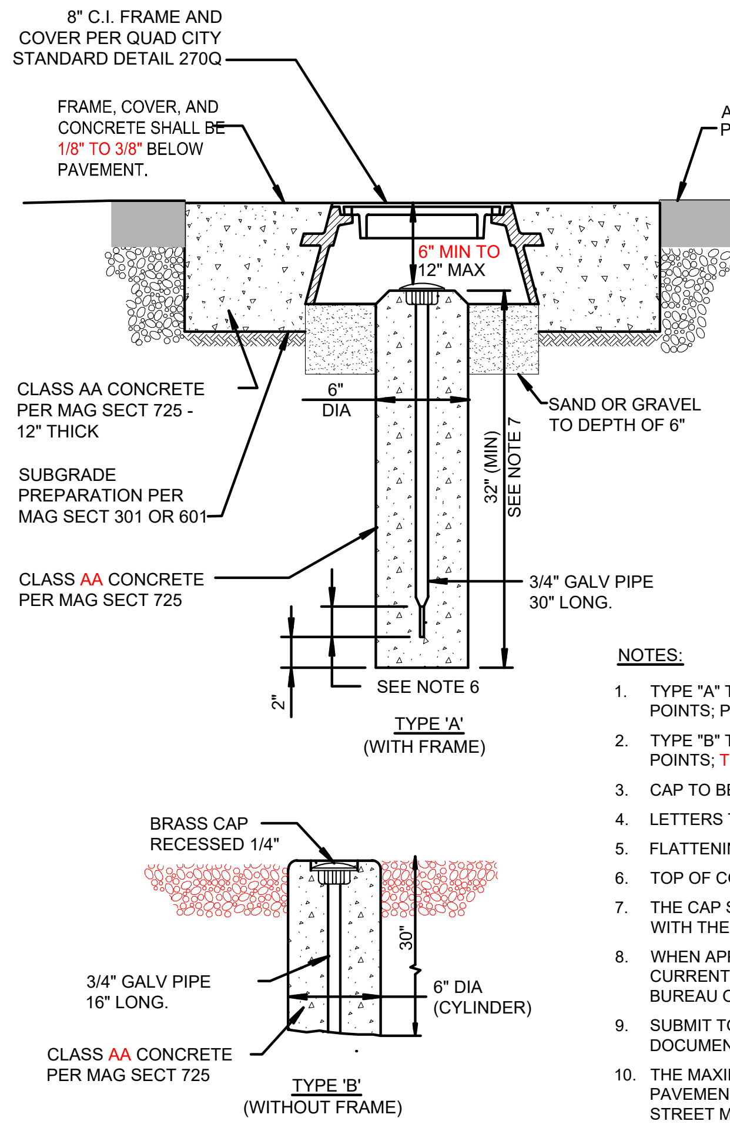
WATER LINE EXCLUSION AND EXTRA PROTECTION ZONES*

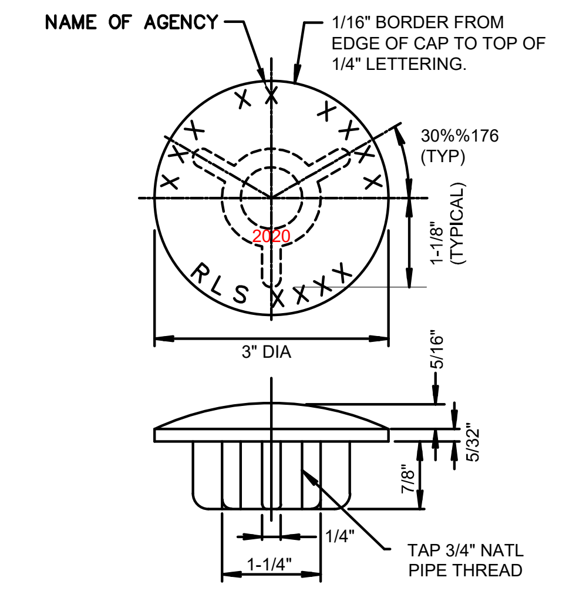

GRAVITY SANITARY SEWER
4'
2'
VARIES
2'
4'
1'
2'
VARIES
2'
GRAVITY SANITARY SEWER MAIN
ZONE A
ZONE B
PRESSURIZED SANITARY SEWER
6'
VARIES
6'
ZONE B
4'
2'
VARIES
2'
PRESSURE OR FORCE SANITARY SEWER MAIN
ZONE A
ZONE B

NOTES:

ZONE A: NO WATER LINES ALLOWED/MINIMUM SEPARATION.
ZONE B: EXTRA PROTECTION REQUIRED FOR WATER LINES.
* REFER TO MAG SPECIFICATION SECTION 610, WATER LINE CONSTRUCTION.

COP STANDARD DETAIL	WATER AND SANITARY SEWER SEPARATION/PROTECTION	CITY ENGINEER	REVISED: 07/16	DETAIL No. 404P-1


8" C.I. FRAME AND COVER PER QUAD CITY STANDARD DETAIL 270Q
FRAME, COVER, AND CONCRETE SHALL BE 1/8" TO 3/8" BELOW PAVEMENT.
ASPHALT PAVEMENT
6" MIN TO 12" MAX
CLASS AA CONCRETE PER MAG SECT 725 - 12" THICK
6" DIA
SAND OR GRAVEL TO DEPTH OF 6"
SUBGRADE PREPARATION PER MAG SECT 301 OR 601
32" (MIN) SEE NOTE 7
CLASS AA CONCRETE PER MAG SECT 725
3/4" GALV PIPE 30" LONG.
2"
SEE NOTE 6
TYPE 'A' (WITH FRAME)
BRASS CAP RECESSED 1/4"
30"
3/4" GALV PIPE 16" LONG.
6" DIA (CYLINDER)
CLASS AA CONCRETE PER MAG SECT 725
TYPE 'B' (WITHOUT FRAME)

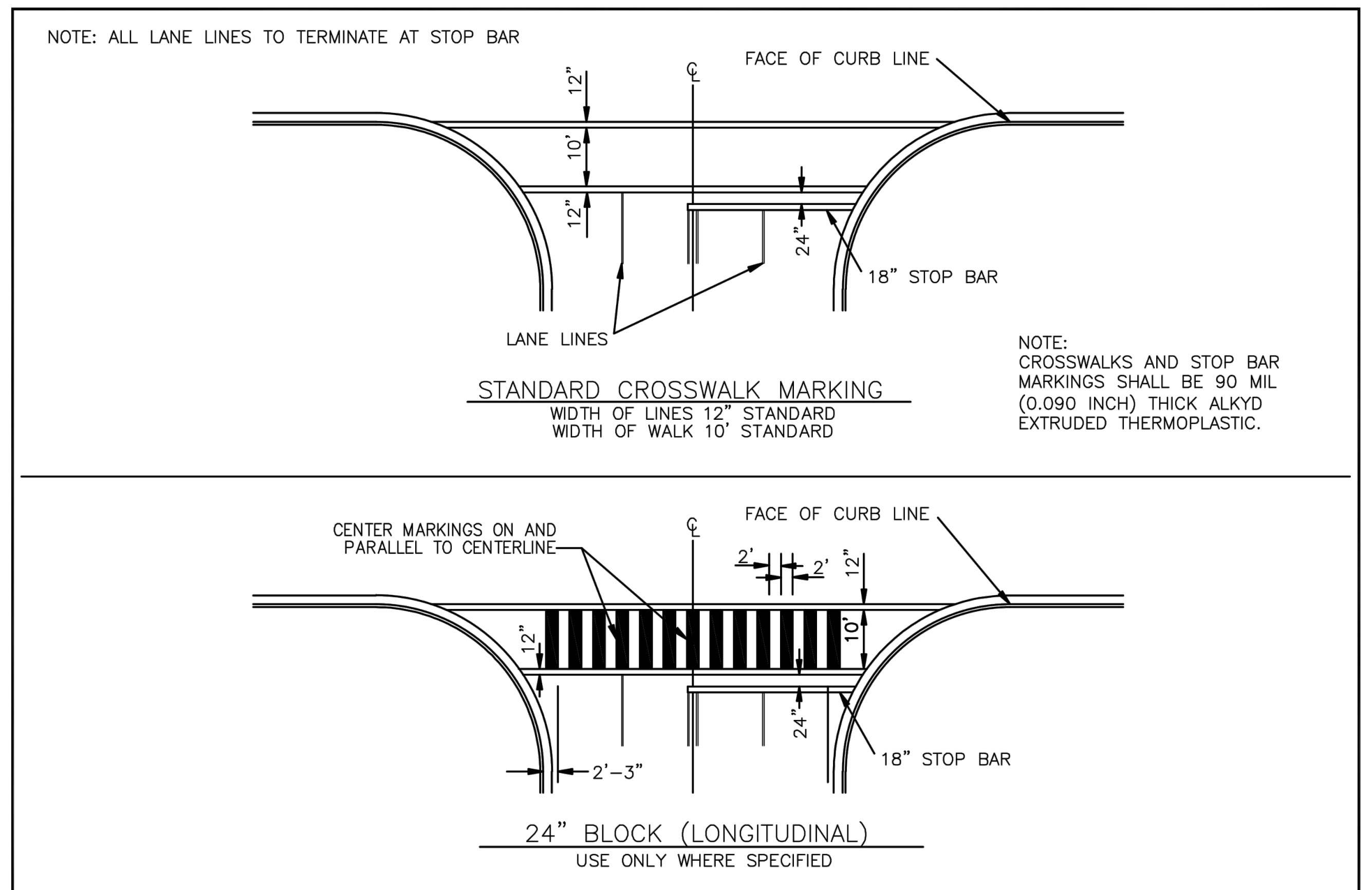

NAME OF AGENCY
1/16" BORDER FROM EDGE OF CAP TO TOP OF 1/4" LETTERING.
30%176 (TYP)
1-1/8" (TYPICAL)
RLS XXXX
3" DIA
5/16"
5/32"
7/8"
1/4"
1-1/4"
TAP 3/4" NATL PIPE THREAD
CAP DETAIL

NOTES:

1. TYPE "A" TO BE USED AT INTERSECTION OF STREET CENTERLINES; SECTION AND ALIQUOT SECTION CORNERS; ANGLE POINTS; PC'S AND PT'S OF CURVES; LYING WITHIN ALL PAVED STREETS.
2. TYPE "B" TO BE USED AT INTERSECTION OF STREET CENTERLINES; SECTION AND ALIQUOT SECTION CORNERS; ANGLE POINTS; TERMINATIONS; PC'S AND PT'S OF CURVES; LYING WITHIN UNPAVED STREETS.
3. CAP TO BE CONSTRUCTED OF RED BRASS OR BRONZE.
4. LETTERS TO BE APPROX. 1/32" WIDE & 1/32" DEEP.
5. FLATTENING THE BOTTOM 2" OF THE GALVANIZED PIPE IS OPTIONAL.
6. TOP OF CONCRETE POST IS CHAMFERED 3/4" EXCEPT WHEN SET FLUSH WITH PAVEMENT.
7. THE CAP SHALL SHOW THE POINT SURVEYED BY A PUNCH MARK AND SCRIBED CROSS AND THE CAP SHALL BE STAMPED WITH THE YEAR AND THE REGISTERED LAND SURVEYOR'S (RLS) REGISTRATION NUMBER.
8. WHEN APPLICABLE, THE CAP SHALL BE STAMPED WITH THE APPROPRIATE PUBLIC LAND SURVEY SYSTEM MARKING PER CURRENT MANUAL OF INSTRUCTIONS FOR THE SURVEY OF PUBLIC LANDS OF THE UNITED STATES, PREPARED BY THE BUREAU OF LAND MANAGEMENT.
9. SUBMIT TO THE AGENCY SURVEYOR A COPY OF THE RECORDED CORNER RECORD OR RESULTS OF SURVEY TO DOCUMENT COMPLIANCE WITH THE ARIZONA BOARD OF TECHNICAL REGISTRATION REQUIREMENTS.
10. THE MAXIMUM DISTANCE FROM TOP OF COVER TO TOP OF BRASS CAP SHALL NOT EXCEED 12 INCHES. SUBSEQUENT PAVEMENT LIFTS OR STREET CONSTRUCTION THAT CAUSES THIS DISTANCE TO BE EXCEEDED SHALL CAUSE THE STREET MONUMENT TO BE RECONSTRUCTED.
11. AT THE TIME OF CONSTRUCTION, THE BRASS CAP SHALL BE PLACED 6" BELOW THE COVER.

QUAD CITY STANDARD DETAIL	SURVEY MARKER	REVISED: 9/10/2021	DETAIL No. 120Q

NOTE: ALL LANE LINES TO TERMINATE AT STOP BAR

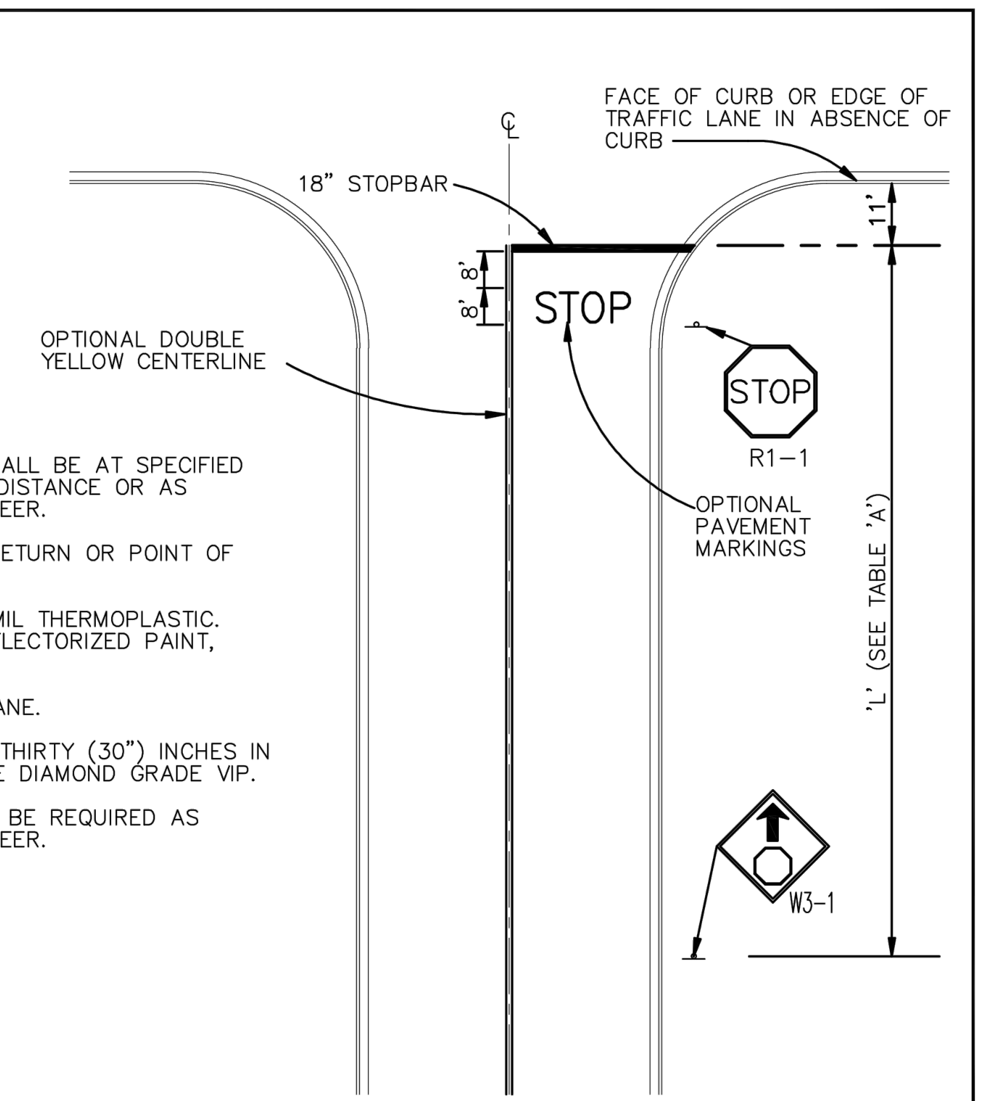

FACE OF CURB LINE
℄
12"
10'
12"
24"
18" STOP BAR
LANE LINES
STANDARD CROSSWALK MARKING
WIDTH OF LINES 12" STANDARD
WIDTH OF WALK 10' STANDARD
CENTER MARKINGS ON AND PARALLEL TO CENTERLINE
FACE OF CURB LINE
2'
2'
12"
12"
10'
24"
2'-3"
18" STOP BAR
24" BLOCK (LONGITUDINAL)
USE ONLY WHERE SPECIFIED

NOTE:
CROSSWALKS AND STOP BAR MARKINGS SHALL BE 90 MIL (0.090 INCH) THICK ALKYD EXTRUDED THERMOPLASTIC.

QUAD CITY STANDARD DETAIL	STANDARD CROSSWALK MARKINGS	REVISED: X/17	DETAIL No. 631Q

TABLE 'A'
'L' VALUES (FT.)

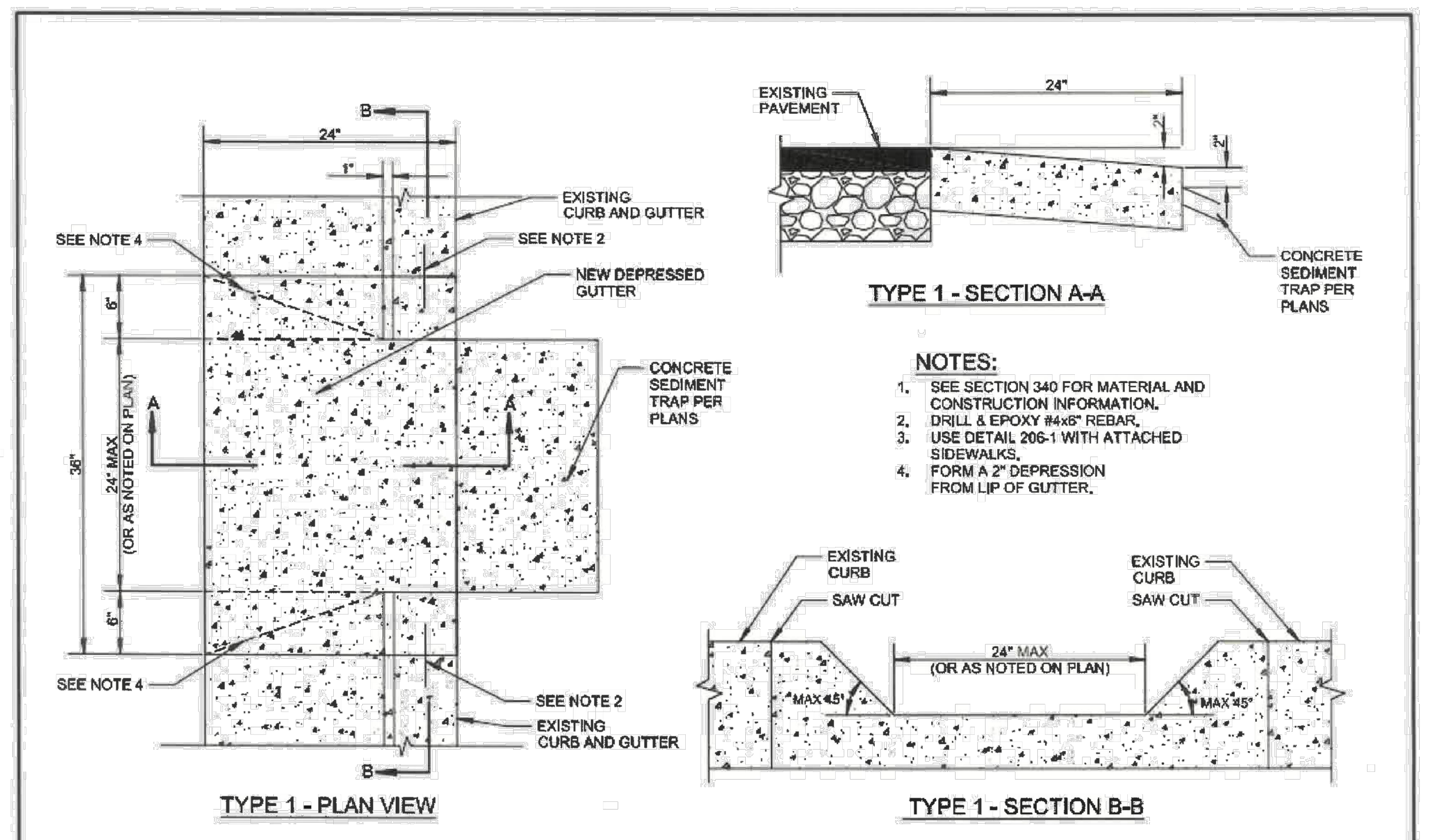
MPH	DOWNGRADES			
	0%	3%	6%	9%
25 OR NOT POSTED	250	260	270	290
30	305	315	335	355
35	360	380	400	430


FACE OF CURB OR EDGE OF TRAFFIC LANE IN ABSENCE OF CURB
℄
18" STOPBAR
12"
8'-6"
STOP
OPTIONAL DOUBLE YELLOW CENTERLINE
STOP
R1-1
OPTIONAL PAVEMENT MARKINGS
'L' (SEE TABLE 'A')
W3-1

NOTES:

1. THE USE OF W3-1 'STOP AHEAD' SIGNS SHALL BE AT SPECIFIED LOCATIONS DEMONSTRATING LIMITED SIGHT DISTANCE OR AS DIRECTED BY THE AGENCY'S TRAFFIC ENGINEER.
2. STOP SIGN NORMALLY LOCATED AT CURB RETURN OR POINT OF OPTIMUM VISIBILITY.
3. STOP BARS SHALL BE REFLECTORIZED 90 MIL THERMOPLASTIC. DOUBLE YELLOW CENTERLINE SHALL BE REFLECTORIZED PAINT, 24-28 MIL.
4. CENTER PAVEMENT MARKINGS IN TRAVEL LANE.
5. R1-1 STOP SIGN SHALL BE A MINIMUM OF THIRTY (30") INCHES IN WIDTH. ALL SIGN SHEETING MATERIAL TO BE DIAMOND GRADE VIP.
6. OPTIONAL "STOP" PAVEMENT MARKING MAY BE REQUIRED AS DIRECTED BY THE AGENCY'S TRAFFIC ENGINEER.

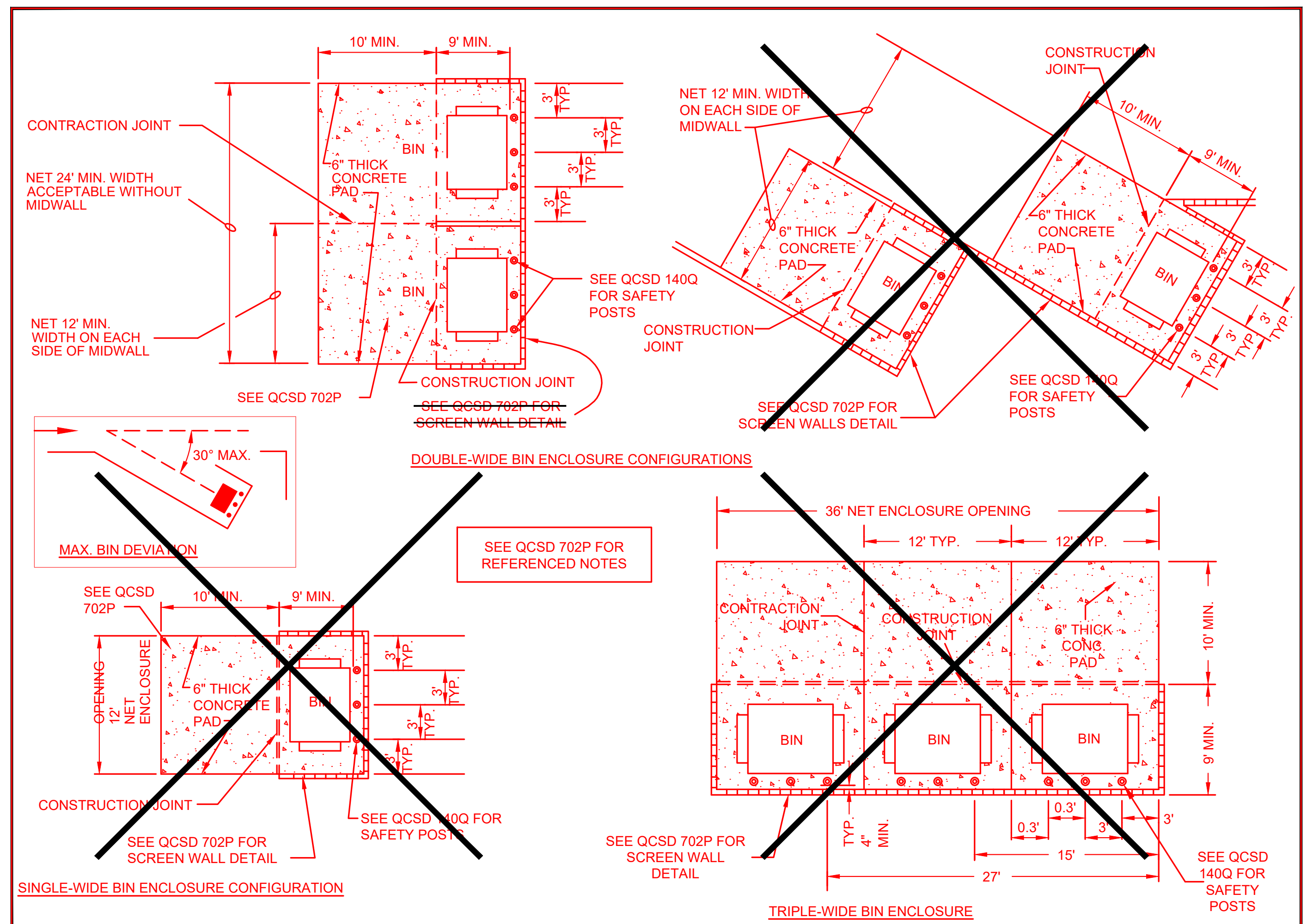
QUAD CITY STANDARD DETAIL	STOP MARKINGS	REVISED: X/17	DETAIL No. 632Q


B
24"
1'
SEE NOTE 4
EXISTING CURB AND GUTTER
SEE NOTE 2
NEW DEPRESSED GUTTER
36"
24" MAX (OR AS NOTED ON PLAN)
6"
6"
CONCRETE SEDIMENT TRAP PER PLANS
SEE NOTE 4
SEE NOTE 2
EXISTING CURB AND GUTTER
B
TYPE 1 - PLAN VIEW
EXISTING PAVEMENT
24"
2"
CONCRETE SEDIMENT TRAP PER PLANS
TYPE 1 - SECTION A-A
EXISTING CURB
SAW CUT
EXISTING CURB
SAW CUT
24" MAX (OR AS NOTED ON PLAN)
MAX 45°
MAX 45°
TYPE 1 - SECTION B-B

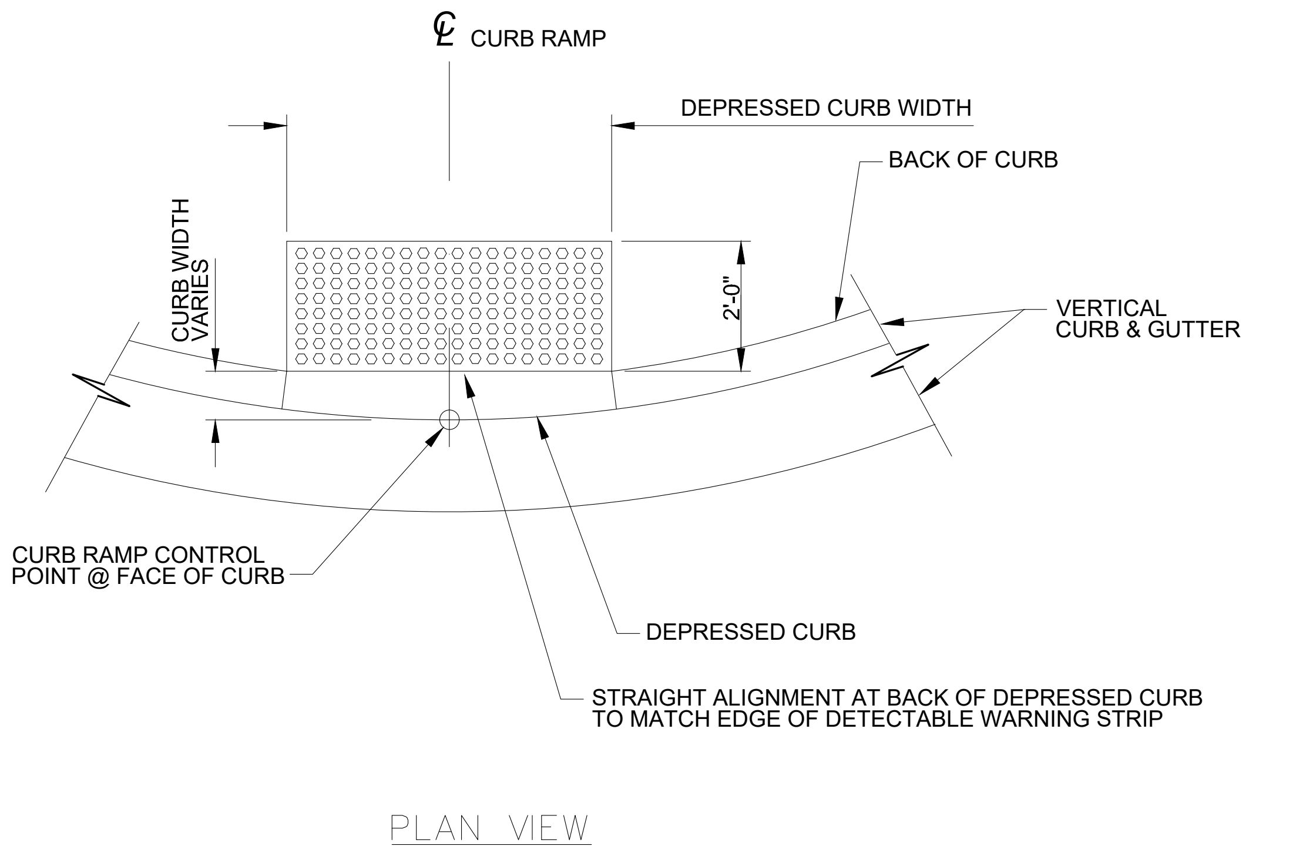
NOTES:

1. SEE SECTION 340 FOR MATERIAL AND CONSTRUCTION INFORMATION.
2. DRILL & EPOXY #4x6" REBAR.
3. USE DETAIL 206-1 WITH ATTACHED SIDEWALKS.
4. FORM A 2" DEPRESSION FROM LIP OF GUTTER.

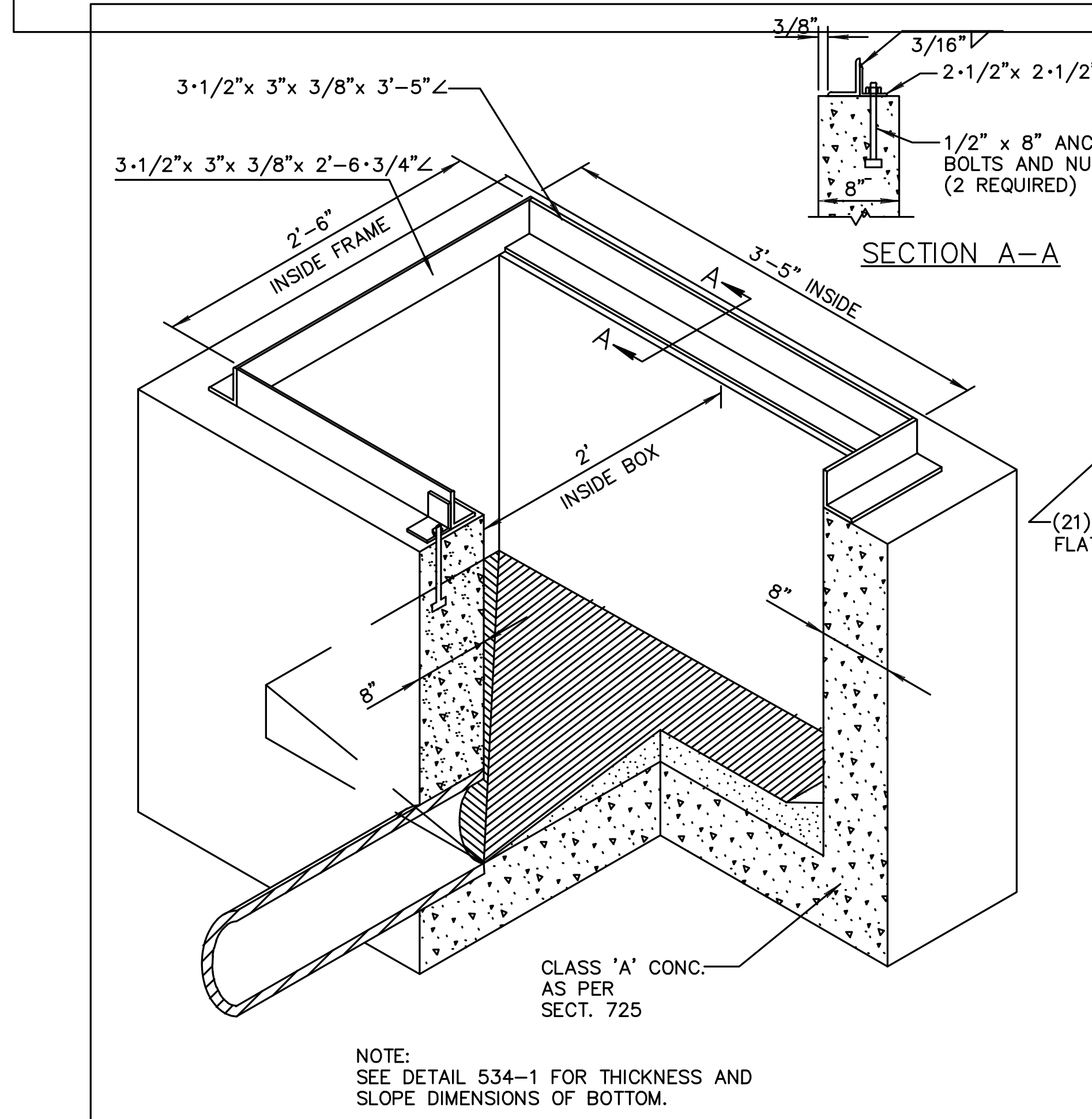
DETAIL NO. 226-1	MARICOPA ASSOCIATION of GOVERNMENTS	STANDARD DETAIL ENGLISH	CURB CUT TYPE 1	REVISED 01-01-2022	DETAIL NO. 226-1

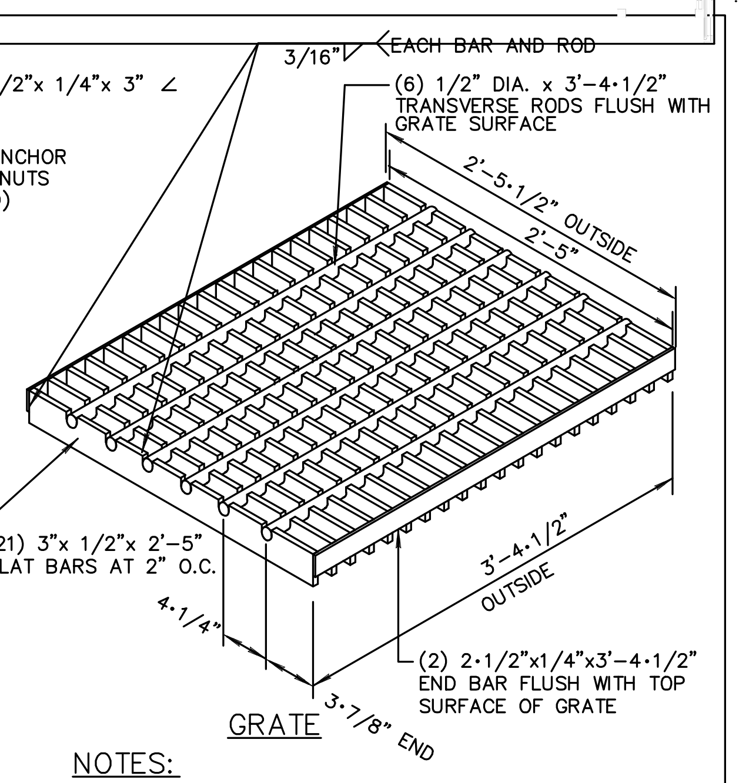

10' MIN.
9' MIN.
CONTRACTION JOINT
NET 24' MIN. WIDTH ACCEPTABLE WITHOUT MIDWALL
6" THICK CONCRETE PAD
BIN
BIN
3' TYP.
SEE QCSD 140Q FOR SAFETY POSTS
NET 12' MIN. WIDTH ON EACH SIDE OF MIDWALL
SEE QCSD 702P
CONSTRUCTION JOINT
~~SEE QCSD 702P FOR SCREEN WALL DETAIL~~
NET 12' MIN. WIDTH ON EACH SIDE OF MIDWALL
CONSTRUCTION JOINT
10' MIN.
9' MIN.
6" THICK CONCRETE PAD
BIN
CONSTRUCTION JOINT
SEE QCSD 702P FOR SCREEN WALLS DETAIL
SEE QCSD 140Q FOR SAFETY POSTS
DOUBLE-WIDE BIN ENCLOSURE CONFIGURATIONS
30° MAX.
MAX. BIN DEVIATION
SEE QCSD 702P FOR REFERENCED NOTES
SEE QCSD 702P
10' MIN.
9' MIN.
12' NET ENCLOSURE OPENING
6" THICK CONCRETE PAD
BIN
CONSTRUCTION JOINT
SEE QCSD 702P FOR SCREEN WALL DETAIL
SEE QCSD 140Q FOR SAFETY POSTS
SINGLE-WIDE BIN ENCLOSURE CONFIGURATION
36' NET ENCLOSURE OPENING
12' TYP.
12' TYP.
CONTRACTION JOINT
CONSTRUCTION JOINT
6" THICK CONC. PAD
10' MIN.
9' MIN.
BIN
BIN
BIN
TYP. 4" MIN.
0.3'
0.3'
3'
3'
15'
27'
SEE QCSD 702P FOR SCREEN WALL DETAIL
SEE QCSD 140Q FOR SAFETY POSTS
TRIPLE-WIDE BIN ENCLOSURE

QUAD CITY STANDARD DETAIL	SINGLE, DOUBLE, AND TRIPLE-WIDE BIN ENCLOSURES (MODIFIED)	REVISED: 9/10/2021	DETAIL No. 701P


℄ CURB RAMP
DEPRESSED CURB WIDTH
BACK OF CURB
CURB WIDTH VARIES
2'-0"
VERTICAL CURB & GUTTER
CURB RAMP CONTROL POINT @ FACE OF CURB
DEPRESSED CURB
STRAIGHT ALIGNMENT AT BACK OF DEPRESSED CURB TO MATCH EDGE OF DETECTABLE WARNING STRIP
PLAN VIEW

DETAIL NO. 234	MARICOPA ASSOCIATION of GOVERNMENTS	STANDARD DETAIL ENGLISH	CURB MODIFICATION AT DETECTABLE WARNING	REVISED 01-01-2012	DETAIL NO. 234


3-1/2"x 3"x 3/8"x 3'-5"
3-1/2"x 3"x 3/8"x 2'-6-3/4"
2'-5" INSIDE FRAME
3'-5" INSIDE
A
A
2' INSIDE BOX
8"
8"
8"
3/8"
3/16"
2-1/2"x 2-1/2"x 1/4"x 3"
1/2" x 8" ANCHOR BOLTS AND NUTS (2 REQUIRED)
8"
SECTION A-A
CLASS 'A' CONC. AS PER SECT. 725


3/16"
EACH BAR AND ROD
(6) 1/2" DIA. x 3'-4-1/2" TRANSVERSE RODS FLUSH WITH GRATE SURFACE
2'-5-1/2" OUTSIDE
(21) 3"x 1/2"x 2'-5" FLAT BARS AT 2" O.C.
4-1/4"
3'-4-1/2 OUTSIDE
(2) 2-1/2"x1/4"x3'-4-1/2" END BAR FLUSH WITH TOP SURFACE OF GRATE
3-7/8" END
GRATE

NOTE:
SEE DETAIL 534-1 FOR THICKNESS AND SLOPE DIMENSIONS OF BOTTOM.

NOTES:

1. PIPES MAY ENTER OR LEAVE ANY WALL. BOTTOM OF BOX TO BE SLOPED TO OUTLET PIPE FROM ALL DIRECTIONS AND TROWELLED TO A HARD SMOOTH SURFACE.
2. CONNECTION PIPES MAY BE PLACED IN ANY POSITION AROUND THE WALLS PROVIDED THE POSITION IS CONSISTENT WITH THE PLAN.
3. OUTLET PIPE SHALL BE TRIMMED TO FINAL SHAPE AND LENGTH BEFORE CONCRETE IS POURED.
4. ALL STRUCTURAL STEEL TO BE PAINTED ONE SHOP COAT OF NO. 1 PAINT AND TWO FIELD COATS OF NO. 10 PAINT AS PER SECT. 790.
5. ALL WELDS ON FRAME AND SIDE BARS ON GRATE SHALL BE FULL LENGTH OF JOINT.
6. TOTAL COMBINED CLEARANCE BETWEEN FRAME AND GRATE IS 1/2".

DETAIL NO. 535	MARICOPA ASSOCIATION of GOVERNMENTS	STANDARD DETAIL ENGLISH	CATCH BASIN TYPE 'F' (FOR USE WITHOUT CURB)	REVISED 01-01-2009	DETAIL NO. 535

GARDEN ST AND WESTERN AVENUE
SANITARY SEWER AND ROADWAY IMPROVEMENTS

DATE 06/7/2023
SHEET NO. 18 OF 18

CITY OF PRESCOTT PUBLIC WORKS

DETAILS

CITY OF PRESCOTT
Everybody's Hometown

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JAM	JL/BB	COP

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Date Signed 06/07/2023
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