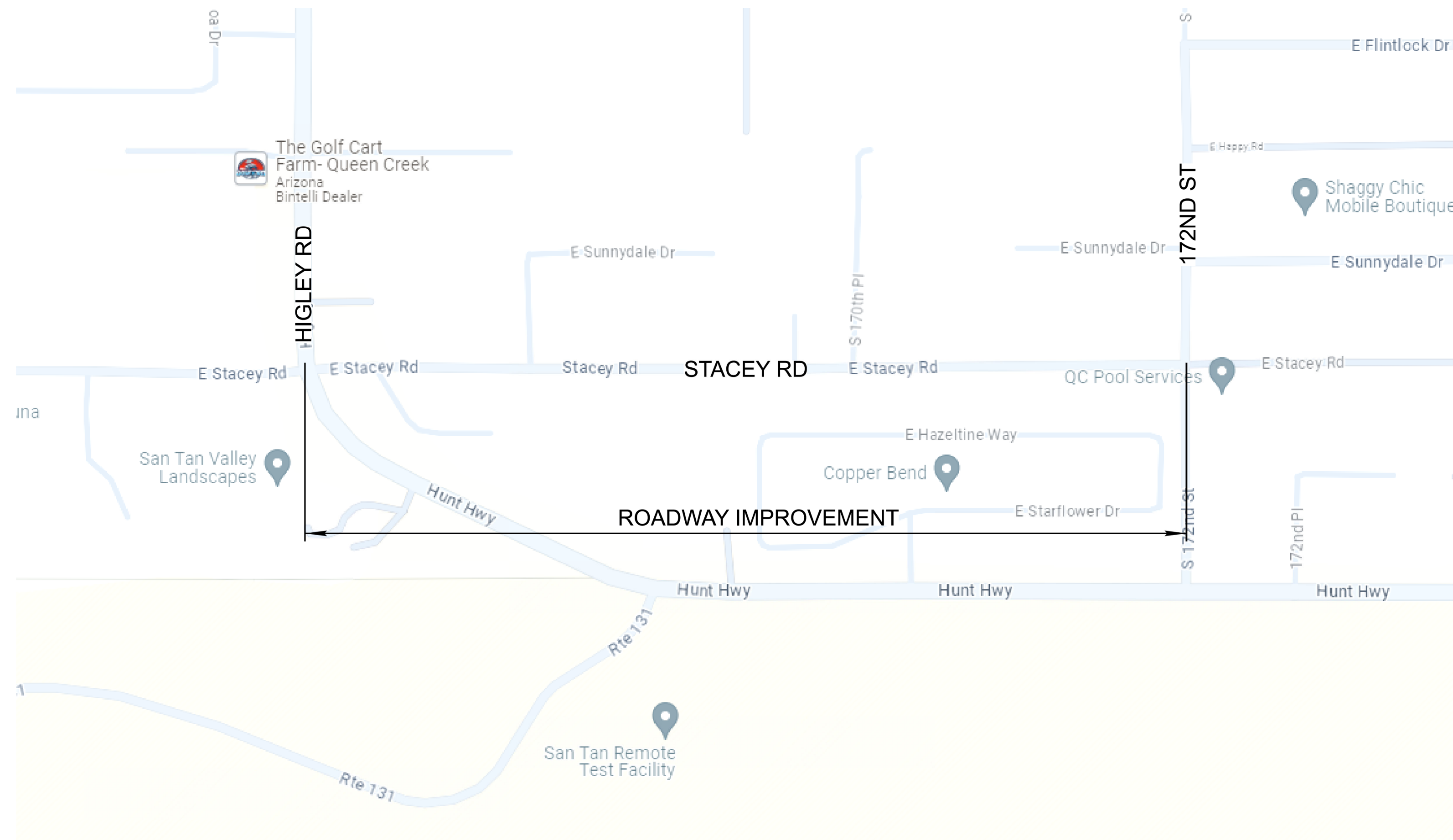
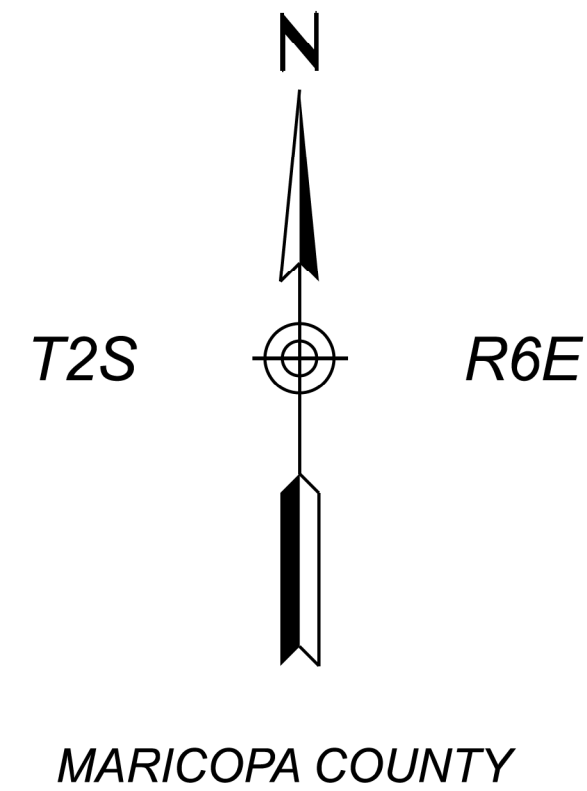
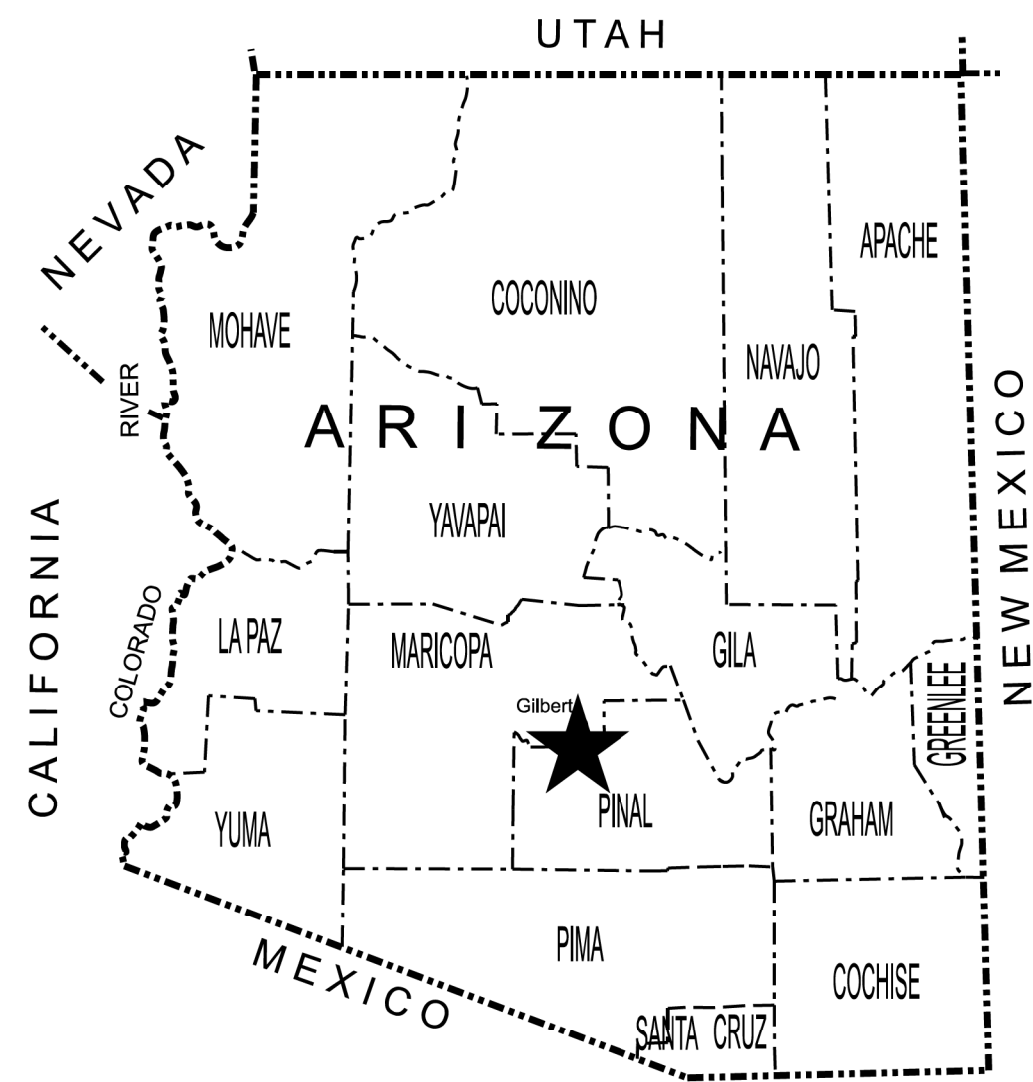


STATE OF ARIZONA
DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS
PROJECT PLANS



URBANIZED AREA
TOWN OF GILBERT



Constructed by:

Construction Company

Completion Date

Red-Lines by:

Construction Administrator Name & Company

Completion Date

Record Drawings by:

Record Drawings Designer Name & Company

Completion Date

STACEY RD: HIGLEY ROAD EAST TO 172ND STREET
PROJECT NO. 000 MA GIL T0423 01C
FEDERAL ID NO. GIL-0(223)T

ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
GREGORY BYRES, P.E., STATE ENGINEER

ADOT STANDARD DRAWINGS

CONSTRUCTION STANDARDS
EFFECTIVE MARCH 2025

DATE	STANDARD	SUBJECT TITLE
5/12	C-01.10 SH 1	SYMBOL LEGEND
5/12	C-01.10 SH 2	SYMBOL LEGEND
5/12	C-01.10 SH 3	SYMBOL LEGEND
5/12	C-01.10 SH 4	SYMBOL LEGEND
12/17	C-01.30 SH 1	GENERAL ABBREVIATIONS
5/12	C-01.30 SH 2	GENERAL ABBREVIATIONS
5/12	C-01.30 SH 3	GENERAL ABBREVIATIONS
5/12	C-02.10	SLOPES, RURAL DIVIDED HIGHWAYS
5/12	C-02.20	SLOPES, RURAL UNDIVIDED AND FRINGE-URBAN HIGHWAYS
5/12	C-02.30	SLOPES, MISCELLANEOUS ROADWAYS
5/12	C-03.10 SH 1	DITCHES, CHANNELS, DIKES AND BERMS, DITCHES AND CHANNELS
5/12	C-03.10 SH 2	DITCHES, CHANNELS, DIKES AND BERMS, DIKES
5/12	C-03.10 SH 3	DITCHES, CHANNELS, DIKES AND BERMS, DITCH DIKE
5/12	C-03.10 SH 4	DITCHES, CHANNELS, DIKES AND BERMS, PIPE BERMS
5/12	C-03.10 SH 5	DITCHES, CHANNELS, DIKES AND BERMS, HEADWALL BERMS
12/17	C-04.10 SH 1	SPILLWAY, EMBANKMENT SINGLE INLET
12/17	C-04.10 SH 2	SPILLWAY, EMBANKMENT DOUBLE INLET
12/17	C-04.20 SH 1	DOWNDRAIN, EMBANKMENT SINGLE INLET
12/17	C-04.20 SH 2	DOWNDRAIN, EMBANKMENT DOUBLE INLET
12/17	C-04.30	SPILLWAY LENGTH TABLE
12/17	C-04.40	DOWNDRAIN LENGTH TABLE
5/12	C-04.50	DOWNDRAIN ENERGY DISSIPATOR
5/12	C-05.10	CURB & GUTTER, CURB, GUTTER
5/12	C-05.12 SH 1	CURB & GUTTER TRANSITIONS
5/12	C-05.12 SH 2	CURB & GUTTER TRANSITIONS
5/12	C-05.12 SH 3	CURB AND GUTTER TRANSITIONS
5/12	C-05.20 SH 1	CONCRETE DRIVEWAYS & SIDEWALKS, DRIVEWAYS
5/12	C-05.20 SH 2	CONCRETE DRIVEWAYS & SIDEWALKS, SIDEWALKS
5/12	C-05.30 SH 1	SIDEWALK RAMP, TYPE A
5/12	C-05.30 SH 2	SIDEWALK RAMP, TYPE B
5/12	C-05.30 SH 3	SIDEWALK RAMP, TYPE C
5/12	C-05.30 SH 4	SIDEWALK RAMP, TYPE D
5/12	C-05.30 SH 5	SIDEWALK RAMP, TYPE E
5/12	C-05.30 SH 6	SIDEWALK RAMP, TYPE F
5/12	C-05.30 SH 7	SIDEWALK RAMP, DETECTABLE WARNING STRIP
5/12	C-05.40	MEDIAN PAVING AND NOSE TAPER
5/12	C-05.50	CONCRETE BUS BAY
5/12	C-06.10 SH 1	DRIVEWAY & TURNOUT LAYOUTS
5/12	C-06.10 SH 2	DRIVEWAY & TURNOUT LAYOUTS
5/12	C-07.01 SH 1	PCCP JOINTS
5/12	C-07.01 SH 2	PCCP JOINTS
5/12	C-07.02	LOAD TRANSFER DOWEL ASSEMBLY
5/12	C-07.03 SH 1	PCCP JOINT LOCATIONS, MAINLINE SKEWED JOINTS
5/12	C-07.03 SH 2	PCCP JOINT LOCATIONS, MAINLINE SKEWED JOINTS
5/12	C-07.03 SH 3	PCCP JOINT LOCATIONS, MAINLINE SKEWED JOINTS
5/12	C-07.03 SH 4	PCCP JOINT LOCATIONS, MAINLINE SKEWED JOINTS
5/12	C-07.03 SH 5	PCCP JOINT LOCATIONS, MAINLINE NON-SKEWED JOINTS
5/12	C-07.03 SH 6	PCCP JOINT LOCATIONS, MAINLINE NON-SKEWED JOINTS
5/12	C-07.03 SH 7	PCCP JOINT LOCATIONS, MAINLINE NON-SKEWED JOINTS
5/12	C-07.03 SH 8	PCCP JOINT LOCATIONS, MAINLINE NON-SKEWED JOINTS
5/12	C-07.04 SH 1	PCCP JOINT LOCATIONS, PARALLEL-TYPE ENTRANCE RAMP WITH AUXILIARY LANE
5/12	C-07.04 SH 2	PCCP JOINT LOCATIONS, PARALLEL-TYPE EXIT RAMP WITH AUXILIARY LANE
5/12	C-07.04 SH 3	PCCP JOINT LOCATIONS, TAPER-TYPE ENTRANCE RAMP
5/12	C-07.04 SH 4	PCCP JOINT LOCATIONS, TAPER-TYPE EXIT RAMP
5/12	C-07.04 SH 5	PCCP JOINT LOCATIONS, CROSSROAD AND RAMP TERMINI
8/21	C-07.06	TRENCH BACKFILL AND PAVEMENT REPLACEMENT
5/12	C-08.20	PAVED GORE AREA
12/17	C-10.00	GUARDRAIL MEASUREMENT LIMITS
12/17	C-10.01	GUARDRAIL INSTALLATION
12/17	C-10.03	W-BEAM GUARDRAIL, MGS BLOCKED-OUT TIMBER POST
12/17	C-10.04	W-BEAM GUARDRAIL, MGS BLOCKED-OUT STEEL POST
12/17	C-10.05 SH 1	W-BEAM GUARDRAIL (MODIFIED) WITH FREEWAY CURB AND GUTTER
12/17	C-10.05 SH 2	W-BEAM GUARDRAIL (MODIFIED) WITH FREEWAY CURB AND GUTTER
12/17	C-10.06	W-BEAM GUARDRAIL LONG-SPAN
12/17	C-10.07 SH 1	W-BEAM GUARDRAIL, BOX CULVERT GUARDRAIL POST
12/17	C-10.07 SH 2	W-BEAM GUARDRAIL, BOX CULVERT GUARDRAIL POST
12/17	C-10.08 SH 1	W-BEAM GUARDRAIL, END ANCHOR
12/17	C-10.08 SH 2	W-BEAM GUARDRAIL, END ANCHOR
12/17	C-10.09	GUARDRAIL POST ROCK INSTALLATION
4/19	C-10.20 SH 1	GUARDRAIL END TERMINAL PAD LAYOUT FOR SOFTSTOP
4/19	C-10.20 SH 2	GUARDRAIL END TERMINAL PAD LAYOUT FOR SOFTSTOP
4/19	C-10.21 SH 1	GUARDRAIL END TERMINAL PAD LAYOUT FOR MSKT
4/19	C-10.21 SH 2	GUARDRAIL END TERMINAL PAD LAYOUT FOR MSKT
4/19	C-10.22 SH 1	GUARDRAIL END TERMINAL PAD LAYOUT FOR MAX-TENSION
4/19	C-10.22 SH 2	GUARDRAIL END TERMINAL PAD LAYOUT FOR MAX-TENSION
4/21	C-10.23 SH 1	GUARDRAIL END TERMINAL PAD LAYOUT FOR SGET
4/21	C-10.23 SH 2	GUARDRAIL END TERMINAL PAD LAYOUT FOR SGET
3/25	C-10.24 SH 1	GUARDRAIL END TERMINAL PAD LAYOUT FOR NGT
3/25	C-10.24 SH 2	GUARDRAIL END TERMINAL PAD LAYOUT FOR NGT
11/19	C-10.26 SH 1	GUARDRAIL END TERMINAL PAD LAYOUT FOR MFLEAT
11/19	C-10.26 SH 2	GUARDRAIL END TERMINAL PAD LAYOUT FOR MFLEAT
12/17	C-10.30 SH 1	GUARDRAIL TRANSITION TO CONCRETE BARRIER, TIMBER POST
12/17	C-10.30 SH 2	GUARDRAIL TRANSITION TO CONCRETE BARRIER, TIMBER POST
12/17	C-10.31 SH 1	GUARDRAIL TRANSITION TO CONCRETE BARRIER, STEEL POST
12/17	C-10.31 SH 2	GUARDRAIL TRANSITION TO CONCRETE BARRIER, STEEL POST
12/17	C-10.38 SH 1	GUARDRAIL TAPER G4 TO MGS W-BEAM WITH STAGGERED POST
12/17	C-10.38 SH 2	GUARDRAIL TAPER G4 TO MGS W-BEAM WITH OFFSET RAIL
12/17	C-10.40	CONCRETE MEDIAN BARRIER, 32" TYPE 'F', CAST-IN-PLACE
12/17	C-10.41	CONCRETE MEDIAN BARRIER, 42" TYPE 'F', CAST-IN-PLACE
12/17	C-10.44 SH 1	CONCRETE MEDIAN BARRIER, 42" TYPE 'F'WITH VARIABLE HEIGHT SIDES, H=0"TO 26"
12/17	C-10.44 SH 2	CONCRETE MEDIAN BARRIER, 42" TYPE 'F'WITH VARIABLE HEIGHT SIDES, H=0"TO 26"
12/17	C-10.45 SH 1	CONCRETE MEDIAN BARRIER, 42" TYPE 'F'WITH VARIABLE HEIGHT SIDES, H=26"TO 60"
12/17	C-10.45 SH 2	CONCRETE MEDIAN BARRIER, 42" TYPE 'F'WITH VARIABLE HEIGHT SIDES, H=26"TO 60"
12/17	C-10.50 SH 1	CONCRETE HALF BARRIER, 32" TYPE 'F', CAST-IN-PLACE
12/17	C-10.50 SH 2	CONCRETE HALF BARRIER, 32" TYPE 'F', PRECAST
12/17	C-10.51	CONCRETE HALF BARRIER, 32" TYPE 'F' WITH SIDEWALK

DATE	STANDARD	SUBJECT TITLE
12/17	C-10.52	CONCRETE HALF BARRIER, 32" TYPE 'F' WITH GUTTER
12/17	C-10.53	CONCRETE HALF BARRIER, 42" TYPE 'F' WITH GUTTER
12/17	C-10.54 SH 1	CONCRETE HALF BARRIER, 32" TYPE 'F' AT PIERS, CAST-IN-PLACE
12/17	C-10.54 SH 2	CONCRETE HALF BARRIER, 32" TYPE 'F' AT PIERS, PRECAST
12/17	C-10.54 SH 3	CONCRETE HALF BARRIER, 32" TYPE 'F' AT PIERS, LAYOUT
12/17	C-10.55 SH 1	CONCRETE HALF BARRIER, 42" TYPE 'F' AT PIERS, CAST-IN-PLACE
12/17	C-10.55 SH 2	CONCRETE HALF BARRIER, 42" TYPE 'F' AT PIERS, PRECAST
12/17	C-10.55 SH 3	CONCRETE HALF BARRIER, 42" TYPE 'F' AT PIERS, LAYOUT
12/17	C-10.70 SH 1	CONCRETE HALF-BARRIER TRANSITION TO VERTICAL, 32" TYPE 'F' WITH CAISSONS
12/17	C-10.70 SH 2	CONCRETE HALF-BARRIER TRANSITION TO VERTICAL, 32" TYPE 'F' WITH CAISSONS
12/17	C-10.70 SH 3	CONCRETE HALF-BARRIER TRANSITION TO VERTICAL, 32" TYPE 'F' WITH CAISSONS
12/17	C-10.71 SH 1	CONCRETE HALF-BARRIER TRANSITION TO VERTICAL, 32" TYPE 'F' WITH CURB & GUTTER
12/17	C-10.71 SH 2	CONCRETE HALF-BARRIER TRANSITION TO VERTICAL, 32" TYPE 'F' WITH CURB & GUTTER
12/17	C-10.72 SH 1	CONCRETE HALF-BARRIER TRANSITION TO VERTICAL, 42" TO 32" TYPE 'F' WITH CAISSONS
12/17	C-10.72 SH 2	CONCRETE HALF-BARRIER TRANSITION TO VERTICAL, 42" TO 32" TYPE 'F' WITH CAISSONS
12/17	C-10.72 SH 3	CONCRETE HALF-BARRIER TRANSITION TO VERTICAL, 42" TO 32" TYPE 'F' WITH CAISSONS
12/17	C-10.73 SH 1	CONCRETE HALF-BARRIER TRANSITION TO VERTICAL, 42" TO 32" TYPE 'F' WITH GUTTER
12/17	C-10.73 SH 2	CONCRETE HALF-BARRIER TRANSITION TO VERTICAL, 42" TO 32" TYPE 'F' WITH GUTTER
12/17	C-10.74	CONCRETE HALF-BARRIER TRANSITION, 42" TO 32" TYPE 'F'
12/17	C-10.75 SH 1	CONCRETE HALF-BARRIER TRANSITION, TYPE 'F' TANGENT DEPARTURE TYPE 1
12/17	C-10.75 SH 2	CONCRETE HALF-BARRIER TRANSITION, TYPE 'F' TANGENT DEPARTURE TYPE 2
12/17	C-10.76	CONCRETE HALF-BARRIER TRANSITION, TYPE 'F' AT RADIUS, 32" TO 0"
4/19	C-10.77	CONCRETE BARRIER TRANSITION TO GUARDRAIL END TERMINAL LAYOUT WITH CURB
12/17	C-10.78	CONCRETE HALF-BARRIER TRANSITION, 32" TYPE 'F' LOW SPEED APPROACH
12/17	C-10.79	CONCRETE HALF-BARRIER TRANSITION, 42" TYPE 'F' TANGENT DEPARTURE
5/12	C-11.10 SH 1	ROADWAY CATTLE GUARD
5/12	C-11.10 SH 2	ROADWAY CATTLE GUARD
5/12	C-11.10 SH 3	ROADWAY CATTLE GUARD
5/12	C-11.10 SH 4	ROADWAY CATTLE GUARD
5/12	C-11.20	CATTLE GUARD, DRAINAGE
5/12	C-12.10 SH 1	FENCE, WOVEN WIRE
5/12	C-12.10 SH 2	FENCE, BARBED WIRE
5/12	C-12.10 SH 3	FENCE, TYPE 1 AND 2 GATES, FLOOD GATE
5/12	C-12.10 SH 4	FENCE, FLOOD GATE INSTALLATION
5/12	C-12.10 SH 5	FENCE, MISCELLANEOUS DETAILS
5/12	C-12.20 SH 1	FENCE, CHAIN LINK, TYPE 1
5/12	C-12.20 SH 2	FENCE, CHAIN LINK, TYPE 2
5/12	C-12.20 SH 3	FENCE, CHAIN LINK, GATES
5/12	C-12.30 SH 1	FENCE, CHAIN LINK CABLE BARRIER
5/12	C-12.30 SH 2	FENCE, CHAIN LINK CABLE BARRIER
5/12	C-12.30 SH 3	FENCE, CHAIN LINK CABLE BARRIER
5/12	C-13.10 SH 1	PIPE CULVERT INSTALLATION
5/12	C-13.10 SH 2	PIPE CULVERT INSTALLATION
8/23	C-13.15	TYPICAL PIPE INSTALLATION
5/12	C-13.20	PIPE, REINFORCED CONCRETE END SECTION
5/12	C-13.25	PIPE, CORRUGATED METAL END SECTION
5/12	C-13.30	PIPE AND PIPE ARCH, CORRUGATED METAL, CONCRETE INVERT PAVING
5/12	C-13.55	PIPE, CATTLE-VEHICLE PASS, MITERED END TREATMENT
5/12	C-13.60	SLOTTED DRAIN DETAILS
5/12	C-13.65	SLOTTED DRAIN INSTALLATION DETAILS
5/12	C-13.70	STORM DRAIN CONNECTION DETAILS
5/12	C-13.75	STORM DRAIN OUTLET BARRIER GATE
5/12	C-13.76	STORM DRAIN OUTLET AND STORM DRAIN PLUG
5/12	C-13.80	PIPE COLLAR DETAILS
5/12	C-15.10	CATCH BASIN, TYPE 1
5/12	C-15.20 SH 1	CATCH BASIN, TYPE 3
5/12	C-15.20 SH 2	CATCH BASIN, TYPE 3
5/12	C-15.20 SH 3	CATCH BASIN, ACCESS FRAME AND COVER DETAILS
5/12	C-15.30	CATCH BASIN, TYPE 4
5/12	C-15.40 SH 1	CATCH BASIN, TYPE 5
5/12	C-15.40 SH 2	CATCH BASIN, TYPE 5
5/12	C-15.50	CATCH BASIN, FRAME AND GRATE
5/12	C-15.70 SH 1	CATCH BASIN, MISCELLANEOUS DETAILS
5/12	C-15.70 SH 2	CATCH BASIN, MISCELLANEOUS DETAILS
5/12	C-15.75	CATCH BASIN, DROP INLET
5/12	C-15.80	CATCH BASIN, FLUSH
5/12	C-15.81	CATCH BASIN, SIDE SLOPE
5/12	C-15.90	CATCH BASIN, MEDIAN DIKE, PRECAST
5/12	C-15.91 SH 1	FREEWAY CATCH BASIN DETAILS
5/12	C-15.91 SH 2	FREEWAY CATCH BASIN DETAILS
5/12	C-15.92 SH 1	CATCH BASIN WITH TYPE 'F' CONCRETE HALF BARRIER
5/12	C-15.92 SH 2	CATCH BASIN WITH TYPE 'F' CONCRETE HALF BARRIER
5/12	C-16.40	IRRIGATION SLEEVES
5/12	C-17.10	RAIL BANK PROTECTION FOR DRAINAGEWAYS, TYPES 1, 2 & 3
5/12	C-17.15	RAIL BANK PROTECTION AT ABUTMENTS, TYPES 4, 5 & 6
5/12	C-17.20	RAIL BANK PROTECTION FOR DRAINAGEWAYS, TYPES 7, 8 & 9
5/12	C-18.10 SH 1	MANHOLE, RISER DETAILS
5/12	C-18.10 SH 2	MANHOLE, BASE DETAILS, NORMAL INSTALLATION
5/12	C-18.10 SH 3	MANHOLE, FRAME AND COVER DETAILS
5/12	C-19.10 SH 1	FORD, CONCRETE WALLS
5/12	C-19.10 SH 2	FORD, TYPES 1 AND 2
5/12	C-21.10	SURVEY MONUMENT FRAME AND COVER
5/12	C-21.20	SURVEY MARKER

ADOT STANDARD DRAWINGS			
REVISION DATES and STANDARD NO.'s REVIEW			
		NAME	DATE
CONSTRUCTION STANDARDS		Suzanne Deitering, P.E.	3/2026
PROJECT NO.			
000 MA GIL T0423 01C		1A	OF 42
RECORD DRAWING	FEDERAL ID NO.	REC. DWG. DATE	
DATA	GIL-0(223)T		OF

ADOT STANDARD DRAWINGS

TRAFFIC SIGNING & MARKING STANDARDS

(SHEET 1 OF 2)

EFFECTIVE MAY 2025

REVISION DATE	STANDARD NUMBER	SUBJECT : SIGNING AND MARKING DETAILS
6/14	M-1	CURB MARKINGS FOR RAISED MEDIAN AND ISLANDS
1/20	M-2 SHT 1	INTERSECTION STRIPING
5/15	M-2 SHT 2	INTERSECTION STRIPING (TWO-LANE RURAL)
6/14	M-2 SHT 3	CENTERLINE AND REVERSE CURVE DETAILS
6/14	M-3	STRIPING AND DELINEATION FOR FREEWAY TERMINALS
6/14	M-4	PASSING LANE STRIPING DETAILS
6/14	M-5	RAILROAD PAVEMENT MARKINGS
6/14	M-6	WORD MARKINGS
6/14	M-7	PAVEMENT LETTERS
6/14	M-8	PAVEMENT LETTERS
6/14	M-9	PAVEMENT NUMBERS
6/14	M-10 SHT 1	PAVEMENT MARKING SYMBOLS
6/14	M-10 SHT 2	PAVEMENT MARKING SYMBOLS
5/25	M-10 SHT 3	PAVEMENT MARKING SYMBOLS
6/14	M-11	TURN LANE PAVEMENT MARKINGS
6/14	M-12	WRONG-WAY ARROWS
1/19	M-13	PREFERENTIAL LANE PAVEMENT MARKINGS
6/14	M-14	STRIPING AND DELINEATION FOR TRUCK ESCAPE RAMPS
8/20	M-15 SHT 1	PAVEMENT MARKING FOR FREEWAY ENTRANCE RAMP - TAPERED ACCELERATION LANE
8/20	M-15 SHT 2	PAVEMENT MARKING FOR FREEWAY ENTRANCE RAMP - PARALLEL ACCELERATION LANE
8/20	M-15 SHT 3	PAVEMENT MARKING FOR FREEWAY ENTRANCE RAMP - PARALLEL ACCELERATION LANE WITH HOV BYPASS
6/14	M-15 SHT 4	PAVEMENT MARKING FOR FREEWAY PARALLEL - ACCELERATION LANE
8/20	M-16 SHT 1	PAVEMENT MARKING FOR FREEWAY EXIT RAMPS - TAPERED DECELERATION LANE
8/20	M-16 SHT 2	PAVEMENT MARKING FOR FREEWAY EXIT RAMP - PARALLEL DECELERATION LANE
8/20	M-17	FREEWAY LANE DROP PAVEMENT MARKINGS
11/24	M-19 SHT 1	RAISED PAVEMENT MARKER PLAN LEGEND
6/14	M-19 SHT 2	NON-REFLECTIVE RAISED PAVEMENT MARKER DETAILS
11/24	M-19 SHT 3	RETROREFLECTIVE RAISED PAVEMENT MARKER DETAILS
11/24	M-19 SHT 4	RETROREFLECTIVE RAISED PAVEMENT MARKER DETAILS
5/15	M-19 SHT 5	PAVEMENT MARKING DETAILS FOR UNDIVIDED HIGHWAYS
6/14	M-19 SHT 6	RETROREFLECTIVE RAISED PAVEMENT MARKERS (RPM) FOR UNDIVIDED HIGHWAYS
8/20	M-19 SHT 7	FREEWAY AND DIVIDED HIGHWAY EDGE LINE AND LANE STRIPING
5/15	M-19 SHT 8	LANE DROP MARKING AND RAMP OR INTERSECTION GUIDE STRIPING
8/20	M-19 SHT 9	PAVEMENT MARKING CROSS-SECTION DETAILS FOR HIGHWAYS AND FREEWAYS
6/24	M-19 SHT 10	CONTRAST LANE LINE FOR FREEWAY AND DIVIDED HIGHWAY
10/23	M-19 SHT 11	LEAD-LAG CONTRAST PAVEMENT MARKINGS FOR CONCRETE PAVEMENT

REVISION DATE	STANDARD NUMBER	SUBJECT : SIGNING AND MARKING DETAILS
6/14	M-20 SHT 1	CHIP SEAL MARKER USAGE FOR TEMPORARY MARKERS
6/14	M-20 SHT 2	CHIP SEAL MARKER USAGE FOR TEMPORARY MARKERS
6/14	M-21	TRANSVERSE RUMBLE STRIP DETAILS
9/21	M-22 SHT 1	LONGITUDINAL RUMBLE STRIP GROOVE, PATTERN - AND LOCATION DETAILS
9/21	M-22 SHT 2	LONGITUDINAL RUMBLE STRIP EXCEPTION DETAILS
9/21	M-22 SHT 3	ENTRANCE AND EXIT RAMPS RUMBLE STRIP INSTALLATION DETAILS
3/22	M-22 SHT 4	CENTERLINE RUMBLE STRIP GROOVE, PATTERN - AND LOCATION DETAILS
6/14	M-23	OBJECT MARKER DETAILS
6/14	M-24	OBJECT MARKER PLACEMENT DETAILS
2/21	M-26 SHT 1	DELINEATOR PLACEMENT AND SPACING
2/21	M-26 SHT 2	DELINEATOR PLACEMENT AND SPACING
2/21	M-26 SHT 3	FLEXIBLE DELINEATOR ASSEMBLIES
2/21	M-26 SHT 4	SQUARE STEEL POST DELINEATOR
2/21	M-26 SHT 5	DELINEATOR FOUNDATION DETAILS
2/21	M-27 SHT 1	DELINEATION DETAILS FOR MEDIAN CROSSEOVERS
2/21	M-27 SHT 2	DELINEATION DETAILS FOR MEDIAN CROSSEOVERS
6/14	M-29	OFF- MAINLINE REFERENCE MARKER LOCATION DETAIL
6/14	M-30	OFF- MAINLINE REFERENCE MARKER DETAILS
6/14	M-32	BRIDGE AND BARRIER MARKER DETAILS
6/14	M-33	BRIDGE AND BARRIER MARKER PLACEMENT AND INSTALLATION DETAILS
6/14	M-34	GUARDRAIL END TERMINAL DELINEATION DETAILS
6/14	M-35	OBJECT MARKER FOR SAND BARREL CRASH CUSHION

ADOT STANDARD DRAWINGS REVISION DATES and STANDARD NO.'s REVIEW			
		NAME	DATE
SIGNING & MARKING STANDARDS		Suzanne Deitering, P.E.	3/2026
PROJECT NO.			
000 MA GIL T0423 01C		1B-1	OF 42
RECORD DRAWING DATA	FEDERAL ID NO. GIL-0(223)T	REC. DWG. DATE	OF

ADOT STANDARD DRAWINGS

TRAFFIC SIGNING & MARKING STANDARDS

(SHEET 2 OF 2)

EFFECTIVE MAY 2025

REVISION DATE	STANDARD NUMBER	SUBJECT : SIGNING AND MARKING DETAILS
4/19	S-1 SHT 1	GENERAL SIGNING NOTES
6/14	S-2 SHT 1	S & W BREAKAWAY POST SELECTION CHART
6/14	S-2 SHT 2	S & W BREAKAWAY POST INSTALLATION DETAILS
6/14	S-3 SHT 1	FLAT SHEET SIGNS SQUARE TUBE POST GENERAL NOTES
6/14	S-3 SHT 2	SINGLE POST FLAT SHEET RECTANGULAR SIGN ASSEMBLY - 12, 18 AND 24 INCH WIDTHS
6/14	S-3 SHT 3	SINGLE POST FLAT SHEET RECTANGULAR SIGN ASSEMBLY - 30, 36, 42 AND 54 INCH WIDTHS
6/14	S-3 SHT 4	TWO POST FLAT SHEET RECTANGULAR SIGN ASSEMBLY - 36, 42 AND 48 INCH WIDTHS
6/14	S-3 SHT 5	TWO POST FLAT SHEET RECTANGULAR SIGN ASSEMBLY - 54, 60 AND 72 INCH WIDTHS
6/14	S-3 SHT 6	TWO POST FLAT SHEET RECTANGULAR SIGN ASSEMBLY - 84 - 144 INCH WIDTHS
6/14	S-3 SHT 7	THREE POST FLAT SHEET RECTANGULAR SIGN ASSEMBLY - 48, 60 AND 72 INCH WIDTHS
6/14	S-3 SHT 8	THREE POST FLAT SHEET RECTANGULAR SIGN ASSEMBLY - 84 - 144 INCH WIDTHS
6/14	S-3 SHT 9	WARNING SIGN ASSEMBLY - SINGLE POST
6/14	S-3 SHT 10	WARNING SIGN ASSEMBLY - TWO POST
6/14	S-3 SHT 11	WARNING SIGN ASSEMBLY - THREE POST
6/14	S-3 SHT 12	MULTIPLE ROUTE MARKER ASSEMBLIES
6/14	S-3 SHT 13	SPECIAL SIGN ASSEMBLIES
6/14	S-3 SHT 14	STRINGER DETAILS FOR SQUARE TUBE POSTS
6/14	S-3 SHT 15	SQUARE TUBE SIGN POST FOUNDATION
6/14	S-3 SHT 16	SQUARE TUBE POST SLIP BASE DETAILS
6/14	S-4	W SHAPE BREAKAWAY POST FUSE PLATE AND HINGE DETAILS
6/22	S-5	W SHAPE BREAKAWAY POST DETAILS
6/22	S-6	S4x7.7 BREAKAWAY POST DETAILS
6/14	S-7 SHT 1	ALUMINUM EXTRUSION SIGN PANEL DETAILS
6/14	S-7 SHT 2	ALUMINUM EXTRUSION AUXILIARY SIGN INSTALLATION DETAILS
5/15	S-7 SHT 3	ALUMINUM EXTRUSION EXIT PANEL INSTALLATION DETAIL
6/14	S-8 SHT 1	FLAT SHEET ALUMINUM PANEL ON BREAKAWAY POSTS INSTALLATION DETAIL
6/14	S-8 SHT 2	ALUMINUM EXTRUSION SIGN TO PERFORATED POSTS INSTALLATION DETAIL
8/22	S-9 SHT 1	SIGN INSTALLATION ON POLE
8/22	S-9 SHT 2	SIGNS (BACK TO BACK) INSTALLATION ON POLE
8/22	S-9 SHT 3	SIGN INSTALLATION ON SIGNAL POLE
8/22	S-9 SHT 4	SIGN INSTALLATION ON POLE BAND-TYPE CLAMP
6/14	S-10	MILEPOST AND REFERENCE LOCATION SIGNS
11/22	S-11 SHT 1	TAPERED TUBE SIGN STRUCTURE SINGLE BEAM
4/19	S-11 SHT 2	TAPERED TUBE SIGN STRUCTURE SINGLE BEAM POST AND BEAM DETAILS

REVISION DATE	STANDARD NUMBER	SUBJECT : SIGNING AND MARKING DETAILS
6/14	S-12 SHT 1	TYPE A, B, AND DOWN ARROWS
6/14	S-12 SHT 2	TYPE C AND D ARROWS
6/14	S-12 SHT 3	C2 ARROW DETAIL
6/14	S-13	SIGN IDENTIFICATION DETAILS
6/14	S-14 SHT 1	ROTATING OPEN/CLOSED SIGN
6/14	S-14 SHT 2	ROTATING OPEN/CLOSED SIGN DETAILS
6/14	S-14 SHT 3	ROTATING OPEN/CLOSED SIGN MOUNTING DETAILS
6/14	S-15 SHT 1	FOLDING RECTANGULAR SIGN ASSEMBLY
6/14	S-15 SHT 2	FOLDING RECTANGULAR SIGN OPERATION
6/14	S-15 SHT 3	FOLDING DIAMOND SIGN ASSEMBLY
4/19	S-16 SHT 1	TEMPORARY WOOD POSTS
4/19	S-16 SHT 2	TEMPORARY WOOD POSTS SELECTION CHART
6/14	S-17	END OF ROAD BARRICADE
7/19	S-18 SHT 1	ALUMINUM GRAFFITI SHIELD EXIT AND GUIDE SIGN ASSEMBLY
7/19	S-18 SHT 2	ALUMINUM GRAFFITI SHIELD RIGHT RIDER SIDE PANEL
7/19	S-18 SHT 3	ALUMINUM GRAFFITI SHIELD LEFT RIDER SIDE PANEL
7/19	S-18 SHT 4	ALUMINUM GRAFFITI SHIELD CORNER
7/19	S-18 SHT 5	ALUMINUM GRAFFITI SHIELD SPLICE PLATE
7/19	S-18 SHT 6	ALUMINUM GRAFFITI SHIELD FIN
7/19	S-18 SHT 7	ALUMINUM GRAFFITI SHIELD TOP PANEL
7/19	S-18 SHT 8	ALUMINUM GRAFFITI SHIELD SIDE PANEL
7/19	S-18 SHT 9	ALUMINUM GRAFFITI SHIELD RIGHT TRANSITION FROM RIDER
7/19	S-18 SHT 10	ALUMINUM GRAFFITI SHIELD LEFT TRANSITION FROM RIDER
7/19	S-18 SHT 11	ALUMINUM GRAFFITI SHIELD SPLICE PLATE FOR FIN
12/18	C-1	SAND BARREL CRASH CUSHION
12/18	C-2	SAND BARREL CRASH CUSHION TYPICAL INSTALLATION
6/14	C-3 SHT 1	PRECAST CONCRETE BARRIER STRUCTURAL DETAILS
6/14	C-3 SHT 2	PRECAST CONCRETE BARRIER PIN AND LOOP ASSEMBLY
6/14	C-4 SHT 1	MEDIAN CROSSOVER
6/14	C-4 SHT 2	TYPICAL END TREATMENTS FOR DETOURS USING TEMPORARY CONCRETE BARRIER (TCB)
6/14	C-5 SHT 1	APPROACH PLATE AND TRANSITION SECTION FOR TEMPORARY CONCRETE BARRIER
6/14	C-5 SHT 2	APPROACH PLATE AND TRANSITION SECTION FOR TEMPORARY CONCRETE BARRIER

ADOT STANDARD DRAWINGS REVISION DATES and STANDARD NO.'s REVIEW			
SIGNING & MARKING STANDARDS		NAME Suzanne Deitering, P.E.	DATE 3/2026
PROJECT NO. 000 MA GIL T0423 01C		1B-2	OF 42
RECORD DRAWING DATA	FEDERAL ID NO. GIL-0(223)T	REC. DWG. DATE	OF

MIDPOINT OF PROJECT

Central Zone
State Plane Coordinates

X=761,451
Y=802,833

DESIGN DATA

Design Speed

Stacey Rd = 25 MPH

LENGTH OF PROJECT

Stacey Rd Cst CL
Sta 10+22.72 to 36+42.07
Net & Gross Length = 2,619.35' - 0.49 Miles

GENERAL NOTES

The roadway plans have been designed utilizing the Construction Standard Drawings (C-Series) and current revisions. Refer to the 1A sheet for a listing of current revision dates.

Pavement lift thickness is nominal.

Where only the horizontal location of an existing utility is shown, the location is approximate. Where both the horizontal and vertical location of an existing utility is shown, the location has been verified by field survey methods. The contractor shall comply with all current Arizona 811 laws and Section 107.15 of the Specifications

The average project elevation is 1378.9±.

Changes in location or length of spillway or downdrain installation may be made by the Engineer to improve drainage conditions.

New Right of Way is not required. Specific use easements are required: see plans.

INDEX OF SHEETS

EARTHWORK QUANTITIES	
Roadway Excavation	2,806 CY
Drainage Excavation	1,894 CY
Pipe Excavation	530 CY
Shrink	(106) CY
Total Excavation	5,124 CY
Roadway Embankment (Inc Gnd Comp)	1,062 CY
Waste	4,062 CY

For Information Only:	
8" Waterline Bedding & Backfill (Import AB/CSLM)	442
6" Waterline Bedding & Backfill (Import AB/CSLM)	75

EARTHWORK FACTORS ●		
Station	Shrink/Swell	Ground Compaction
10+22 to 36+42	10% Shrink	0.10'

- Geotechnical factors per Geotechnical Report by Ethos Engineering, May 2026.

SHEET NO.	DWG NO.	SHEET TITLE
1	-	Face Sheet
1A-1B	1A-1B	ADOT Standard Drawings
1F	1F	EPIC
2	G-01.01	Design Sheet
3	G-02.01	Geometric Control
4	G-04.01	Typical Section & Roadwy Detail A
5 - 11	G-04.02 - G-04.08	Roadway Details
12 - 25	C-01.01 - C-01.14	Stacey Rd Plan & Profile Sheets
26	C-02.01	Driveway Profile
27	T-01.01	Signing General Notes
28	TC-01.01	Traffic Control Notes
29	TC-01.02	Construction Sequencing
30	D-01.01	Drainage Plan
31 - 33	EC-01.01 - EC-01.03	Erosion Control Sheets
34	W-01.01	Waterline Cover
35	W-01.02	Waterline Details
36 - 42	W-02.01 - W-02.07	Waterline Plan & Profile Sheets

Contact Arizona 811 at least two full working days before you begin excavation  Call 811 or click Arizona811.com		DESIGN	AC	NAME	DATE	ARIZONA DEPARTMENT OF TRANSPORTATION PROJECT DELIVERY AND OPERATIONS DIVISION ROADWAY DESIGN SERVICES	ROUTE	F. H. W. A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
		DRAWN	AR/VT		6/26		MILEPOST		ARIZ.	000 MA GIL	GIL-0(223)T	2	42	
		CHECKED	SMD		6/26		STRUCTURE NO.							
		POINT ENGINEERS				DESIGN SHEET		STACEY ROAD: HIGLEY RD EAST TO 172ND ST		DWG NO. G-01.01				
						TRACS NO. T0423 01C						___ OF ___		

SURVEY CONTROL

HORIZONTAL DATUM
Horizontal Datum NAD 83 Arizona State Plane-Central Zone, international feet.

BASIS OF BEARINGS:
North 88° 42' 17" East, between NGS points BIG MAX and 2EM1.

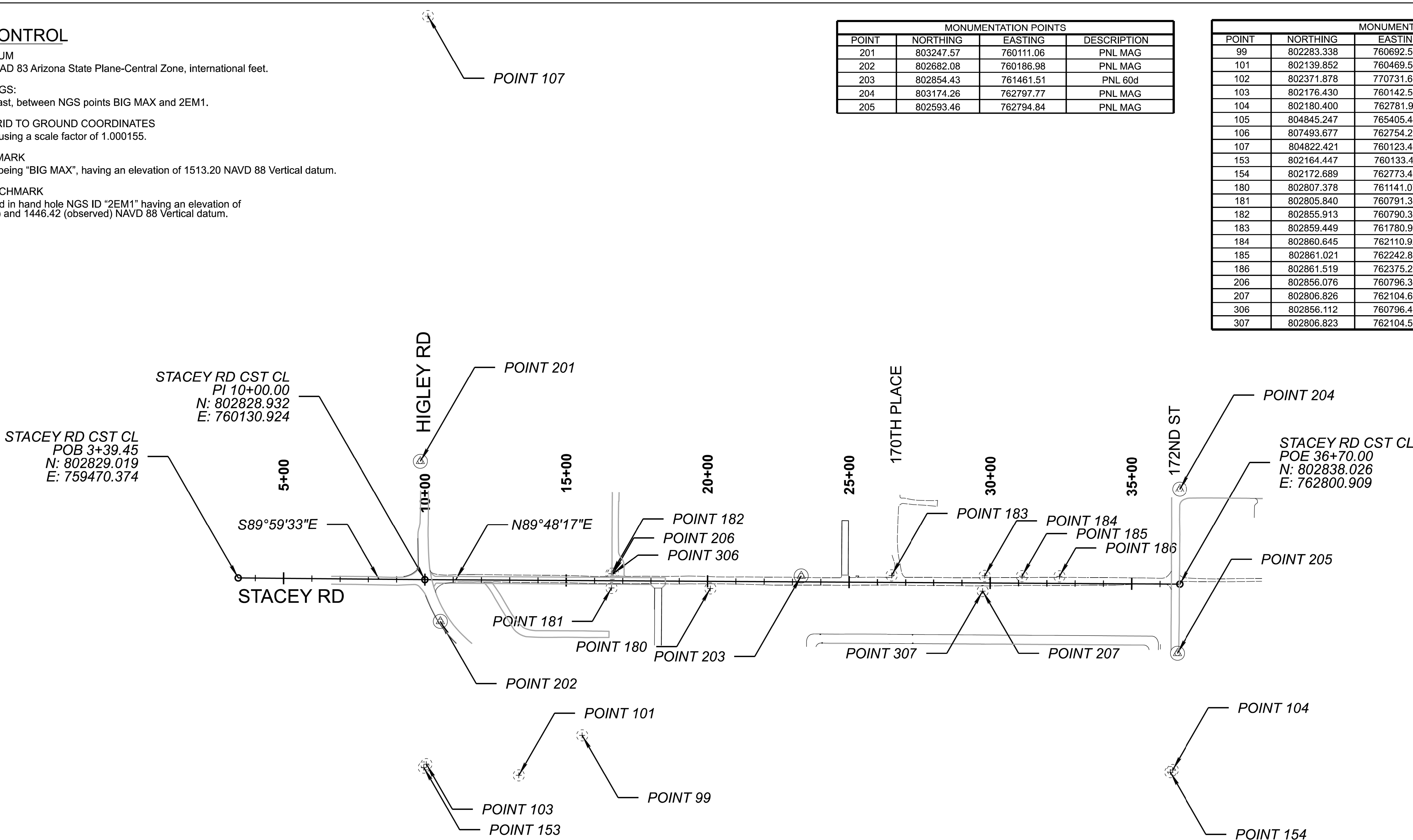
SCALED FROM GRID TO GROUND COORDINATES
at N: 0.00, E: 0.00, using a scale factor of 1.000155.

PRIMARY BENCHMARK
An NGS brass cap being "BIG MAX", having an elevation of 1513.20 NAVD 88 Vertical datum.

SECONDARY BENCHMARK
A Stainless Steel rod in hand hole NGS ID "2EM1" having an elevation of 1446.30 (published) and 1446.42 (observed) NAVD 88 Vertical datum.

MONUMENTATION POINTS			
POINT	NORTHING	EASTING	DESCRIPTION
201	803247.57	760111.06	PNL MAG
202	802682.08	760186.98	PNL MAG
203	802854.43	761461.51	PNL 60d
204	803174.26	762797.77	PNL MAG
205	802593.46	762794.84	PNL MAG

MONUMENTATION POINTS				
POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
99	802283.338	760692.589	1403.908	SET 60d
101	802139.852	760469.544	1513.200	FD BC 3
102	802371.878	770731.665	1446.417	FDSSRHH 2EM1
103	802176.430	760142.502	1408.730	FD BC T3SR6E 3
104	802180.400	762781.931	1396.862	FD BCF TOG
105	804845.247	765405.444	1394.124	FD BCHH
106	807493.677	762754.289	1352.099	FD BCHH
107	804822.421	760123.463	1353.559	FD BCHH
153	802164.447	760133.411	1404.882	FD BC T2SR6F 2
154	802172.689	762773.497	1397.062	FD BCF TOG
180	802807.378	761141.075	1376.367	FD BNC 1/2
181	802805.840	760791.353	1372.777	FD BWC 1/2
182	802855.913	760790.374	1372.969	FD IP 1
183	802859.449	761780.922	1381.578	FD BWC ill
184	802860.645	762110.923	1384.918	FD BWC 34711
185	802861.021	762242.883	1385.700	FD BNC 1/2
186	802861.519	762375.284	1386.805	FD BNC 1/2
206	802856.076	760796.356	1372.514	SET MAG ASPH
207	802806.826	762104.636	1385.063	SET BNC 5/8
306	802856.112	760796.406	1372.560	SET MAG ASPH
307	802806.823	762104.594	1385.052	SET BNC 5/8



Contact Arizona 811 at least two full working days before you begin excavation


Call 811 or click Arizona811.com



DESIGN	AC	NAME	DATE
DRAWN	AR/VT		6/26
CHECKED	SMD		6/26

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

STACEY RD
GEOMETRIC CONTROL

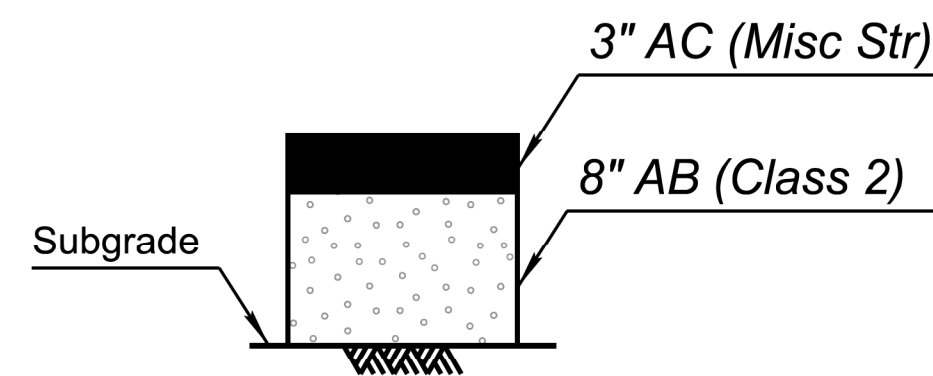
ROUTE	F.H.W.A. Arizona Division	STATE ARIZ.	PROJECT NO. 000 MA GIL	FEDERAL ID NO. GIL-0(223)T	SHEET NO. 3	TOTAL SHEETS 42	RECORD DRAWING
MILEPOST							
STRUCTURE NO.							

STACEY ROAD: HIGLEY RD EAST TO 172ND ST

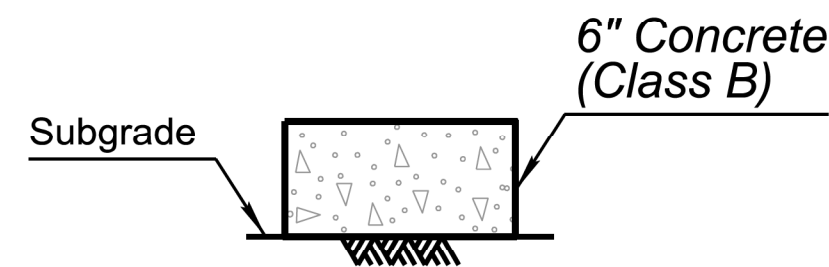
TRACS NO. T0423 01C

DWG NO. G-02.01

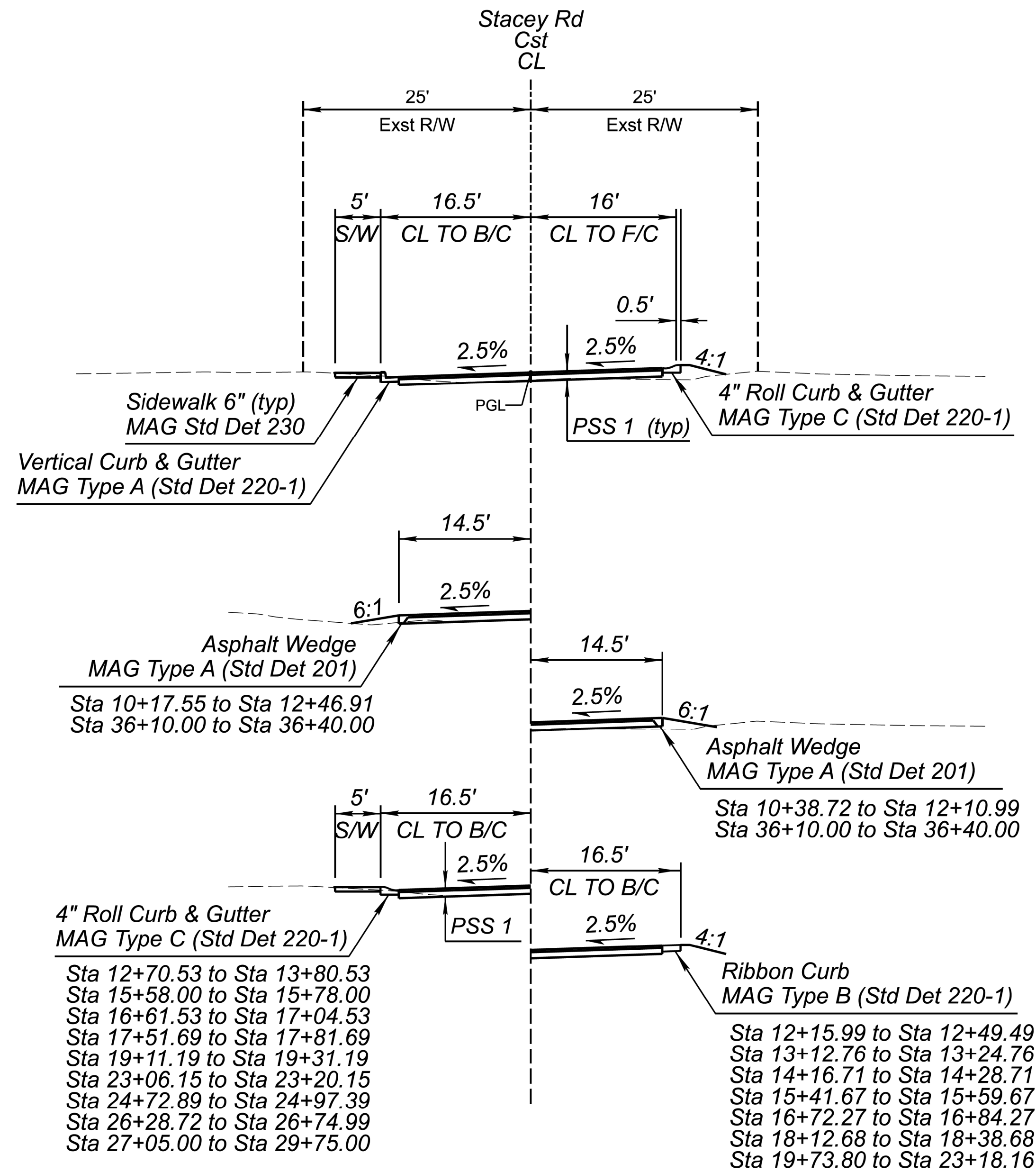
___ OF ___



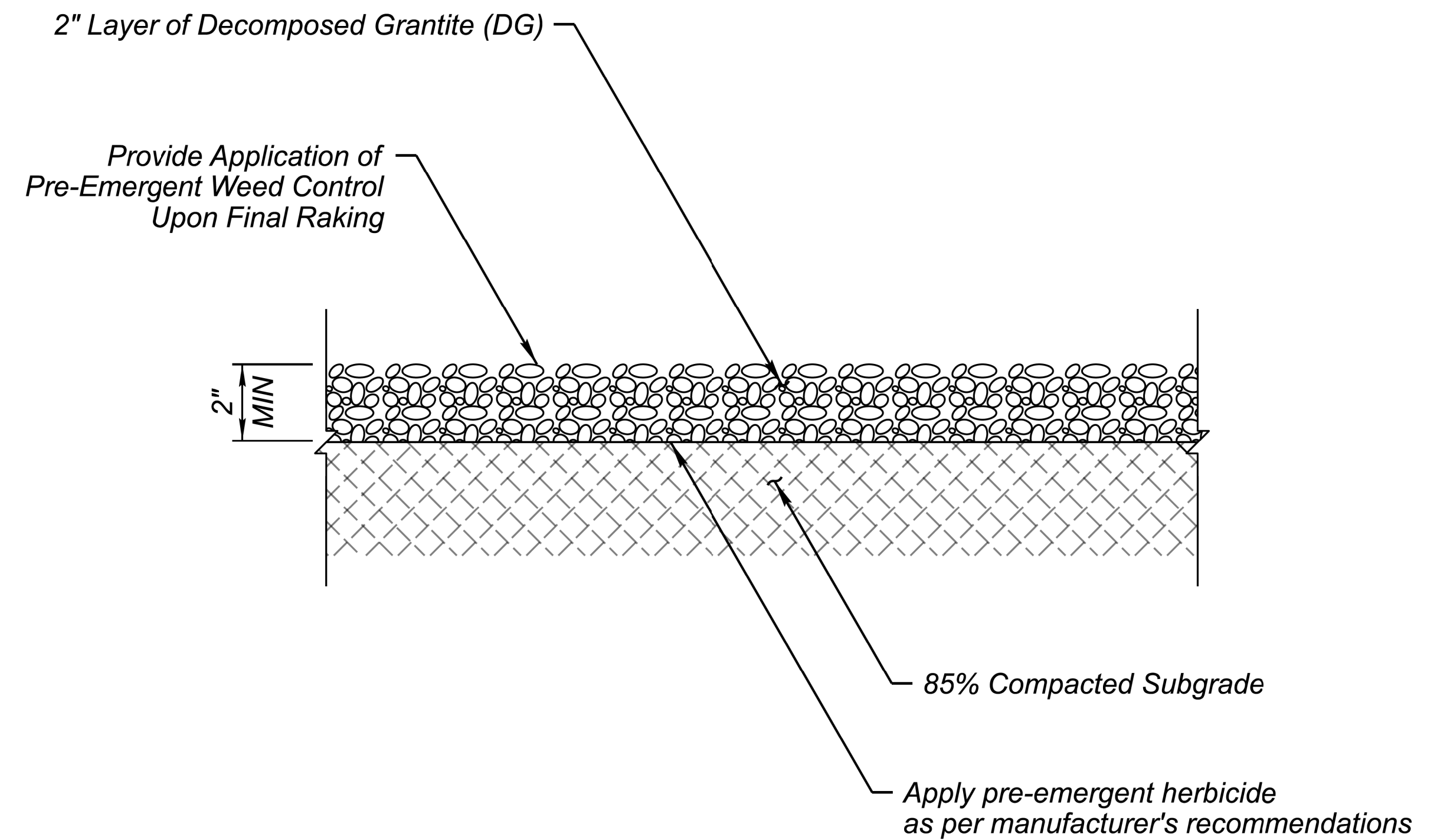
Total Thickness = 11"
SECTION NO. 1
Stacey Rd



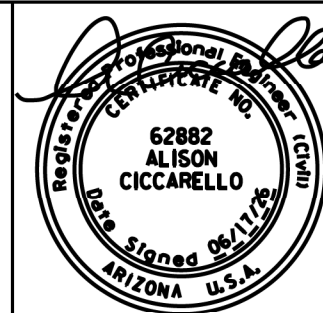
Total Thickness = 6"
SECTION NO. 2
Driveways



TYPICAL SECTION: STACEY RD
Sta 10+22.72 to 36+42.07



DETAIL A
RETENTION BASIN TREATMENT



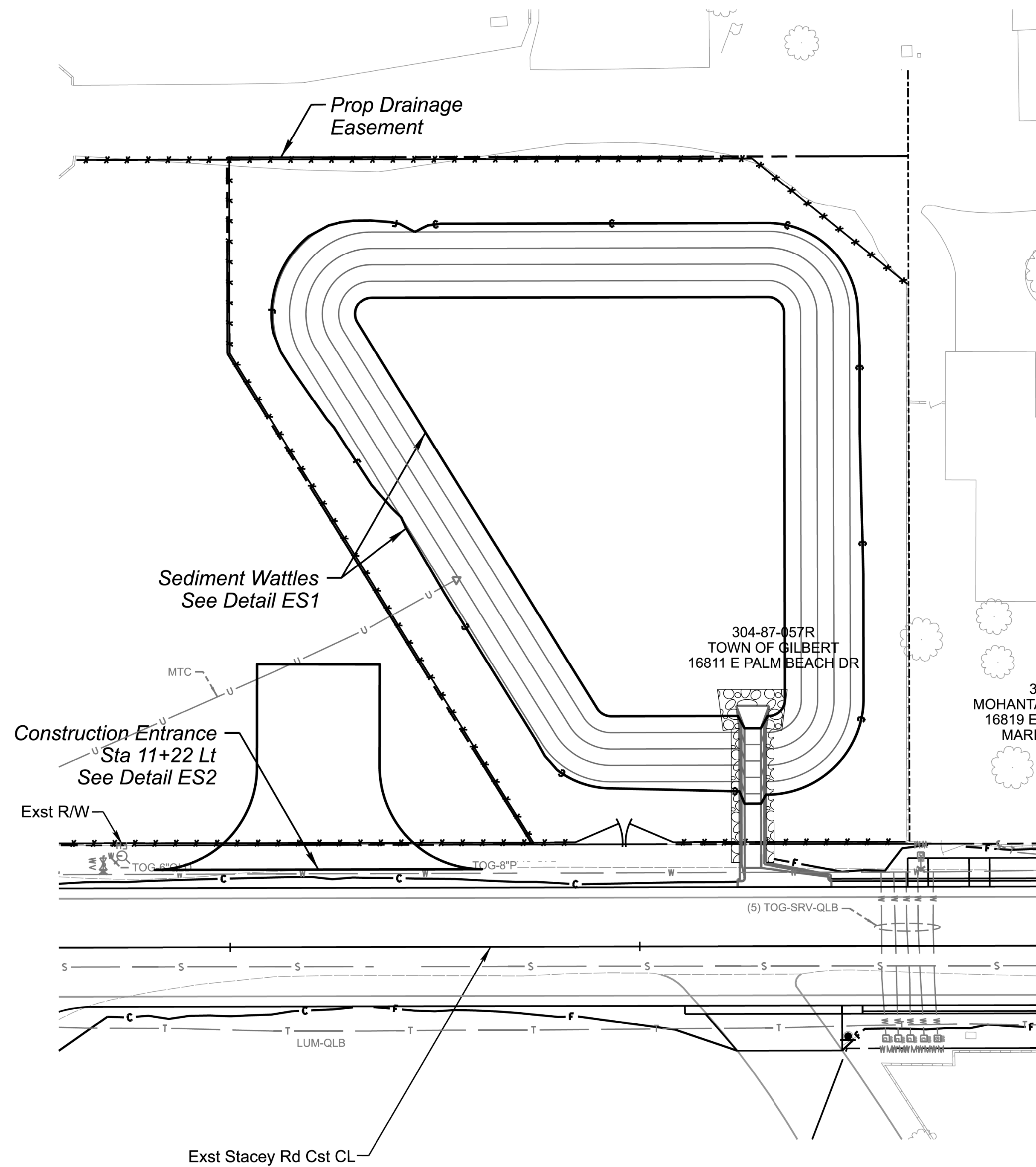
	NAME	DATE
DESIGN	AC	6/26
DRAWN	AR/VT	6/26
CHECKED	SMD	6/26

POINT ENGINEERS

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

STACEY RD
TYPICAL SECTIONS & ROADWAY DETAIL A

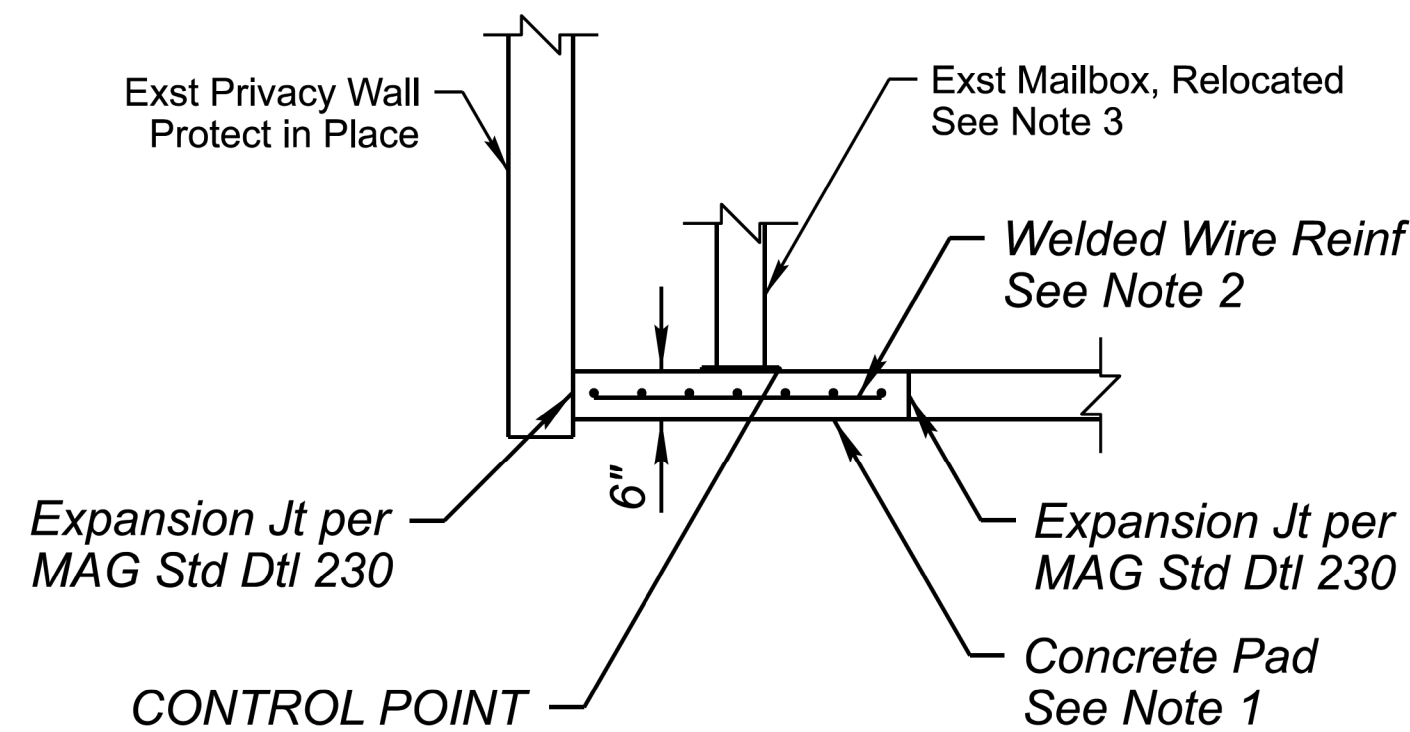
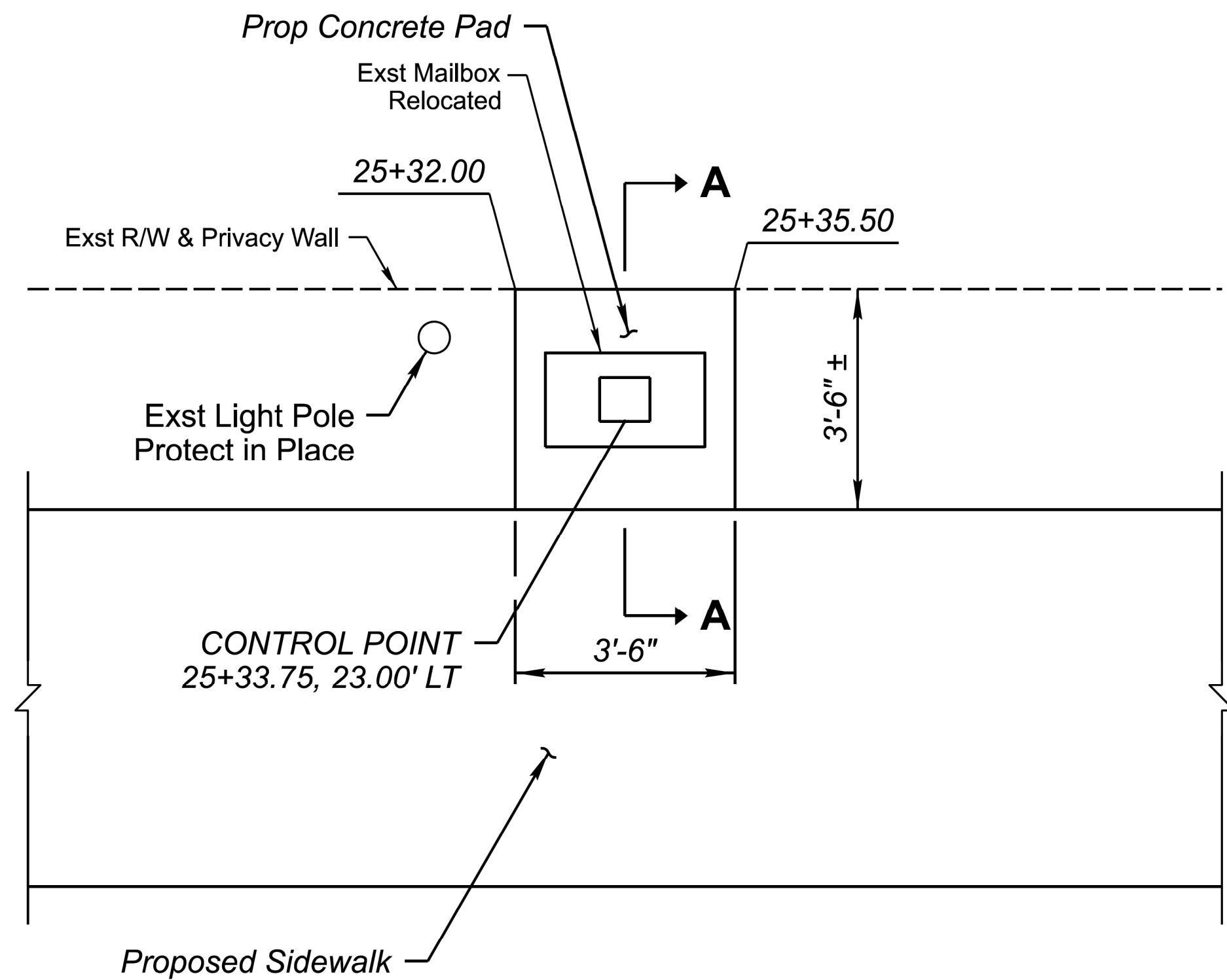
ROUTE	F.H.W.A. Arizona Division	STATE	ARIZ.	PROJECT NO.	000 MA GIL	FEDERAL ID NO.	GIL-0(223)T	SHEET NO.	4	TOTAL SHEETS	42	RECORD DRAWING
MILEPOST	STACEY ROAD: HIGLEY RD EAST TO 172ND ST										DWG NO. G-04.01	
STRUCTURE NO.	TRACS NO. T0423 01C										___ OF ___	



DETAIL B

EROSION CONTROL LOCATIONS

Contact Arizona 811 at least two full working days before you begin excavation  Call 811 or click Arizona811.com			NAME	DATE	ARIZONA DEPARTMENT OF TRANSPORTATION PROJECT DELIVERY AND OPERATIONS DIVISION ROADWAY DESIGN SERVICES	ROUTE	F.H.W.A. Arizona Division	STATE ARIZ.	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
		DESIGN	AC	6/26		MILEPOST			LOCATION	STACEY ROAD: HIGLEY RD EAST TO 172ND ST	DWG NO. G-04.02		
		DRAWN	AR/VT	6/26			STRUCTURE NO.	TRACS NO. T0423 01C				___ OF ___	
		CHECKED	SMD	6/26									
POINT ENGINEERS			STACEY RD DETAILS										



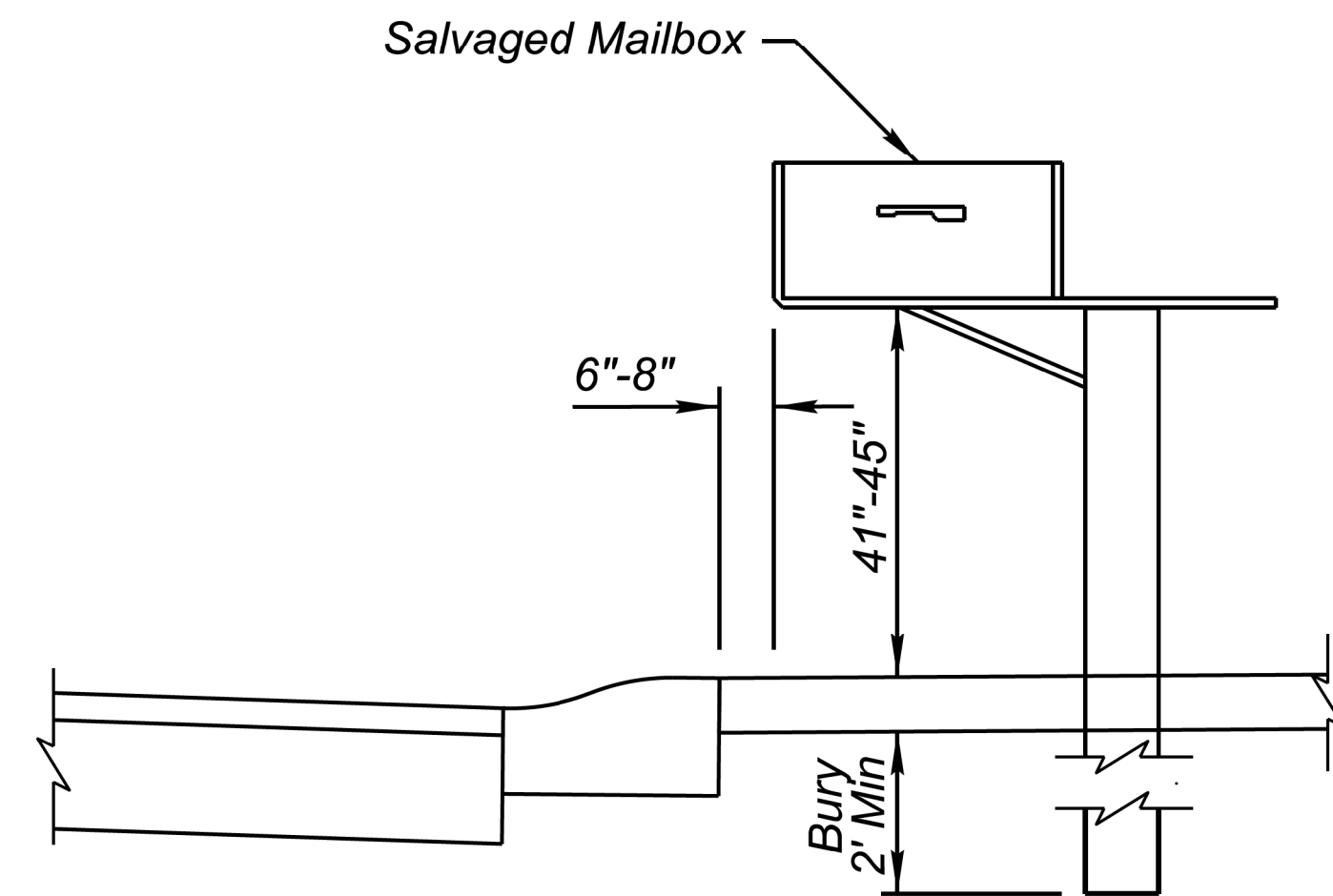
SECTION A-A

NOTES:

1. CONCRETE PAD SHALL BE CLASS 'S' 3,000 PSI.
2. WELDED WIRE REINFORCEMENT 6x6 - W2.5xW2.5 SHALL CONFORM TO ASTM A1064.
3. EXISTING MAILBOX SHALL BE ANCHORED INTO CONCRETE PAD PER THE MANUFACTURERS RECOMMENDATIONS.

DETAIL C

REMOVE AND RELOCATE MAILBOX



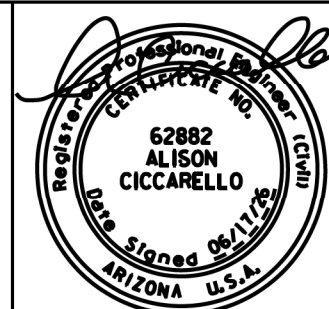
DETAIL

NOTES:

NEW POST IS REQUIRED TO RELOCATE. THE POST SHALL BE IN 4"X4" S4S REDWOOD POST. COST OF THE POST SHALL BE INCLUDED IN THE COST TO RELOCATE.

DETAIL D

REMOVE AND RELOCATED MAILBOX



	NAME	DATE
DESIGN	AC	6/26
DRAWN	AR/VT	6/26
CHECKED	SMD	6/26

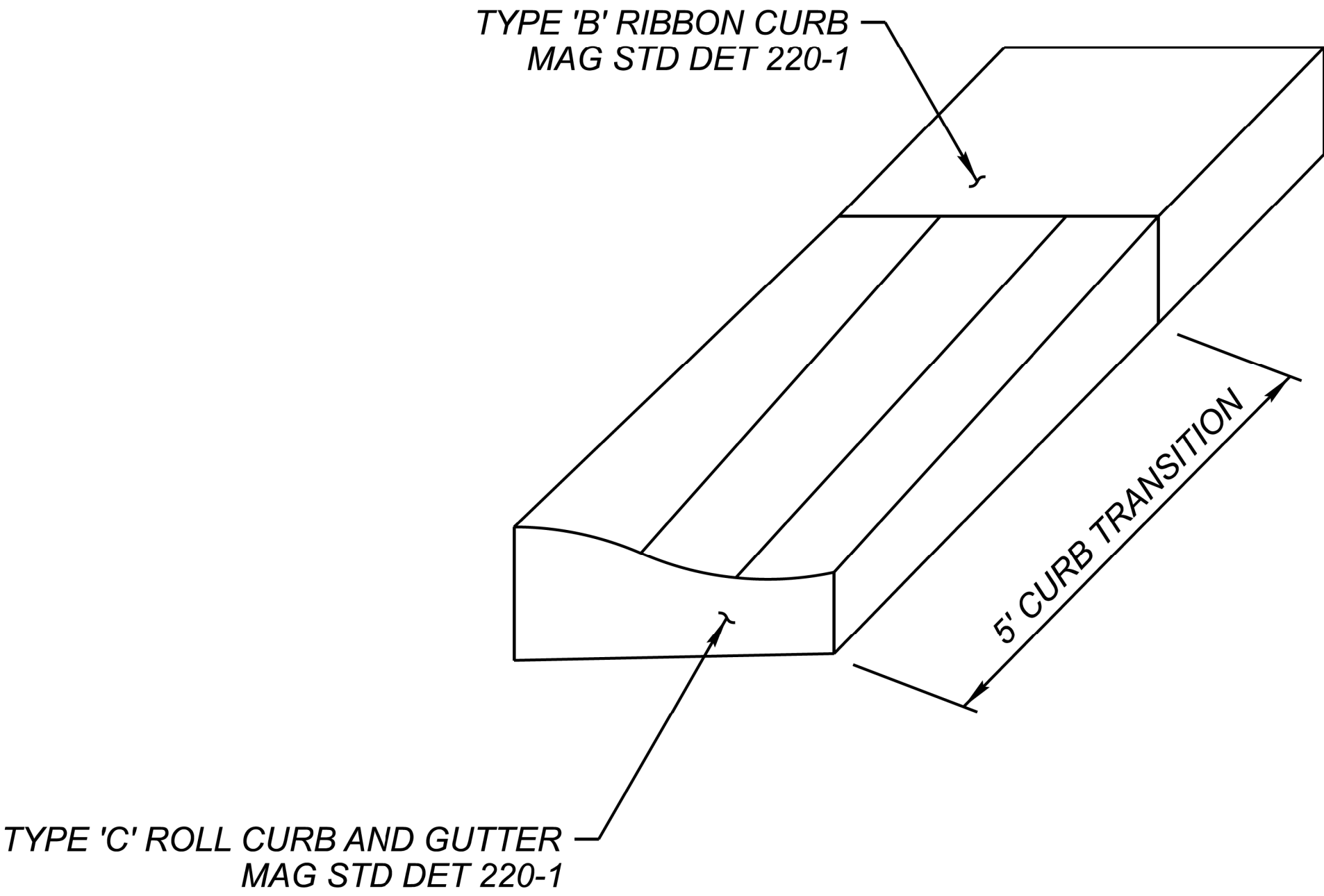
POINT ENGINEERS

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

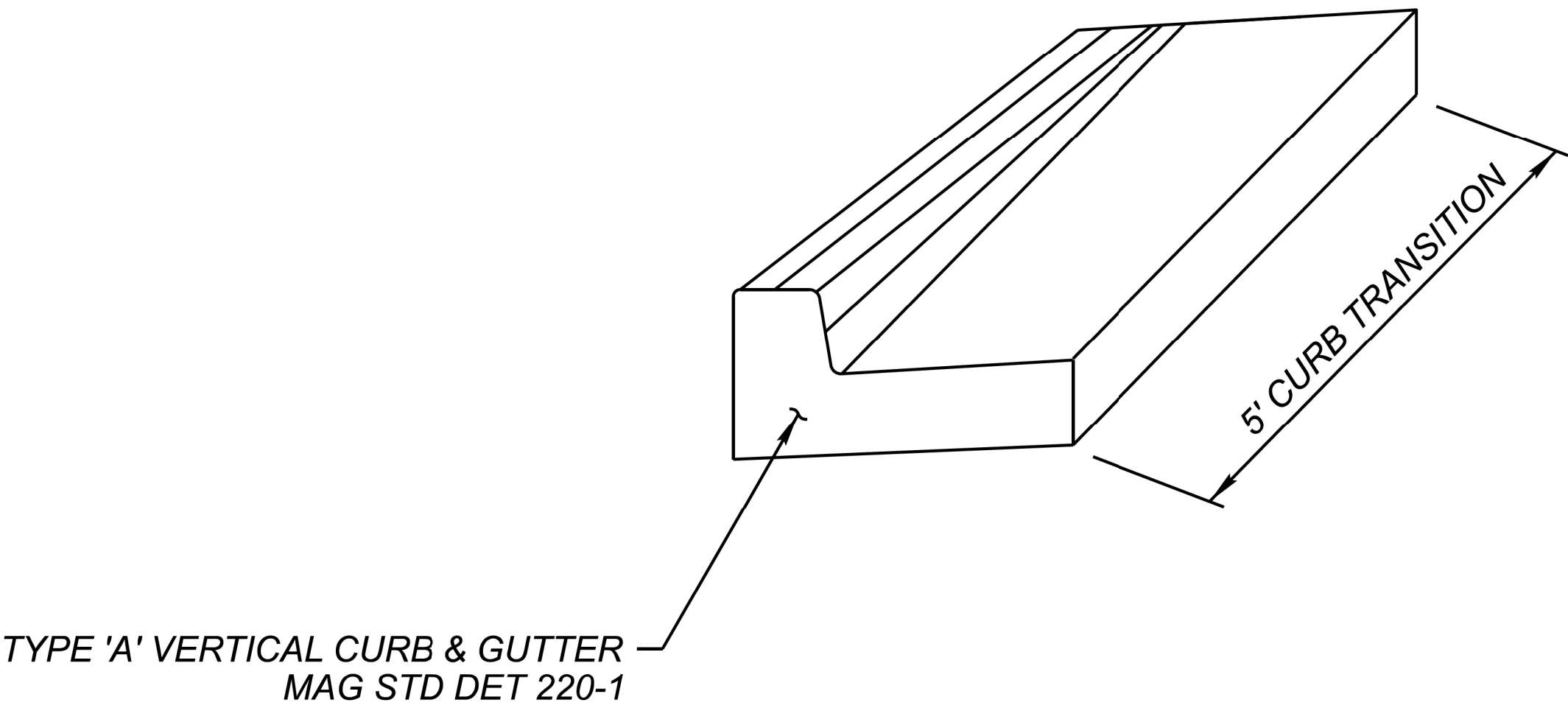
STACEY RD
DETAILS

ROUTE	F.H.W.A. Arizona Division	STATE	ARIZ.	PROJECT NO.	000 MA GIL	FEDERAL ID NO.	GIL-0(223)T	SHEET NO.	6	TOTAL SHEETS	42	RECORD DRAWING
MILEPOST	STACEY ROAD: HIGLEY RD EAST TO 172ND ST										DWG NO. G-04.03	
STRUCTURE NO.	TRACS NO. T0423 01C										___ OF ___	

CURB TRANSITION
TYPE 1



CURB TRANSITION
TYPE 2



NOTES:

- 1. TRANSITIONS WILL BE PAID FOR AS THE PREDOMINANT TYPE OF CURB AND GUTTER BEING TRANSITIONED.
- 2. CLASS 'B' CONCRETE.
- 3. TRANSITION BETWEEN TYPICAL SECTIONS SHALL BE ACCOMPLISHED BY THE USE OF DIRECT STRAIGHT LINE TRANSITIONS OF THE FLOW LINE AND OTHER SURFACE FEATURES.

DETAIL E
CURB & GUTTER TRANSITION DETAILS

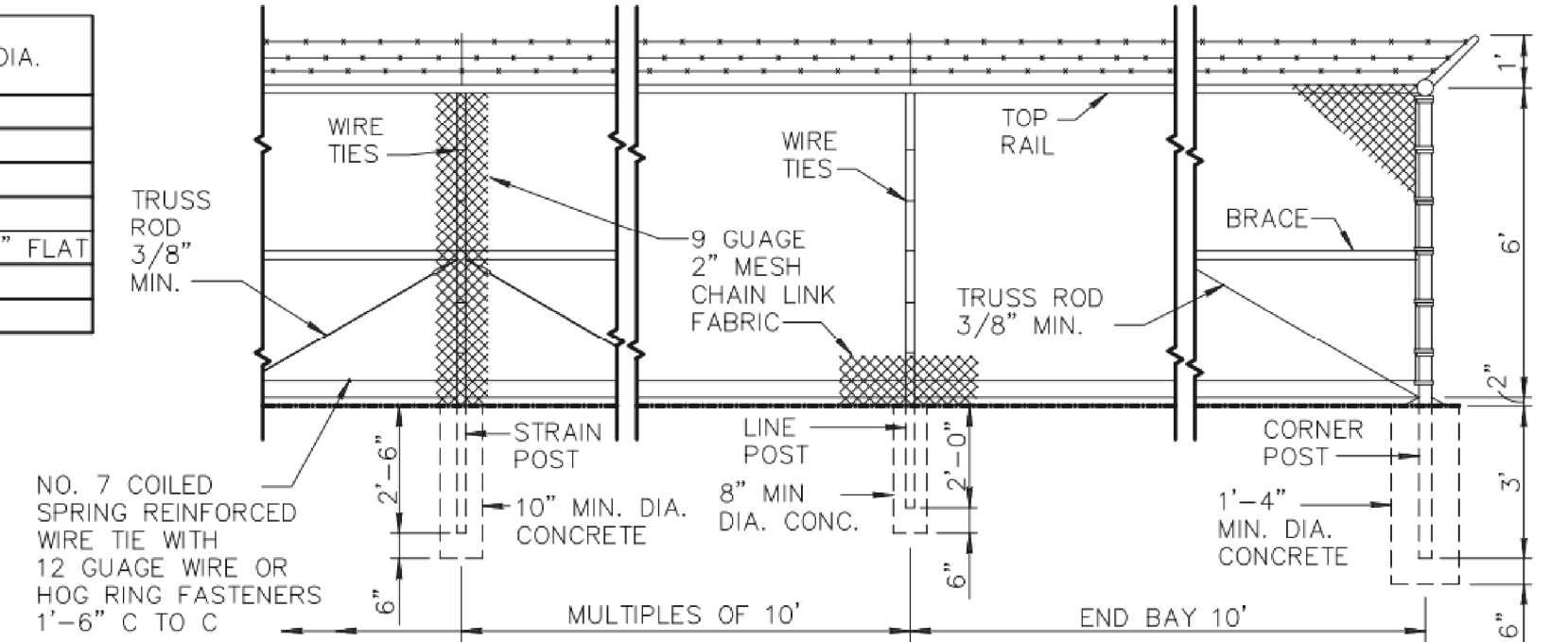
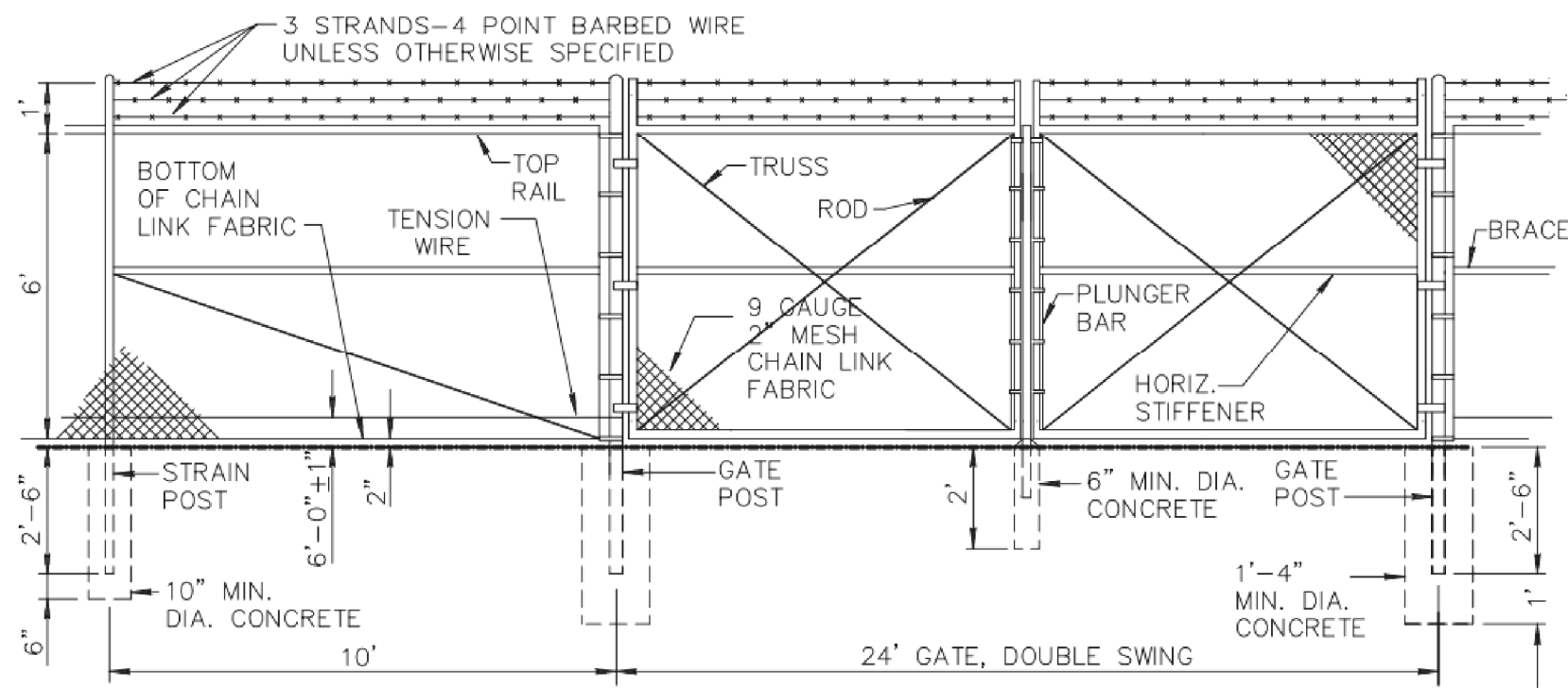
Contact Arizona 811 at least two full working days before you begin excavation  Call 811 or click Arizona811.com	 POINT ENGINEERS	DESIGN AC 6/26	NAME AC DATE 6/26	ARIZONA DEPARTMENT OF TRANSPORTATION PROJECT DELIVERY AND OPERATIONS DIVISION ROADWAY DESIGN SERVICES	ROUTE F.H.W.A. Arizona Division STATE ARIZ. PROJECT NO. 000 MA GIL FEDERAL ID NO. GIL-0(223)T SHEET NO. 7 TOTAL SHEETS 42 RECORD DRAWING		
		DRAWN AR/VT 6/26	CHECKED SMD 6/26		MILEPOST	LOCATION STACEY ROAD: HIGLEY RD EAST TO 172ND ST DWG NO. G-04.04	
		POINT ENGINEERS			STRUCTURE NO.	TRACS NO. T0423 01C ___ OF ___	
		STACEY RD DETAILS					

NOTES

- ALL CONCRETE SHALL BE CLASS 'C' PER SECT. 725.
- FITTINGS NOT SPECIFICALLY DETAILED SHALL BE HEAVY DUTY DESIGN.
- STRAIN POSTS SHALL BE SPACED AT 500' MAXIMUM SPACING.
- BOTH CORNER AND STRAIN POSTS SHALL HAVE STRAIN PANELS.
- ALL POSTS SHALL BE CAPPED.
- MEMBER SIZES SHALL BE THE FOLLOWING:

MEMBER	AISC SIZE	OUTSIDE DIA.
CORNER POST	2-1/2"	2.875"
LINE POST	1-1/2"	1.900"
STRAIN POST	1-1/2"	1.900"
BRACE	1-1/4"	1.666"
STRETCH BAR	3/16"x3/4" FLAT	3/16"x3/4" FLAT
GATE POST	3-1/2"	4.000"
TOP RAIL	1-1/4"	1.666"

- CONSTRUCTION AND MATERIALS SHALL CONFORM TO SECT. 420 AND 772, RESPECTIVELY. SEE TABLE 772-1 FOR WEIGHTS OF MEMBERS.



DETAIL NO.
160



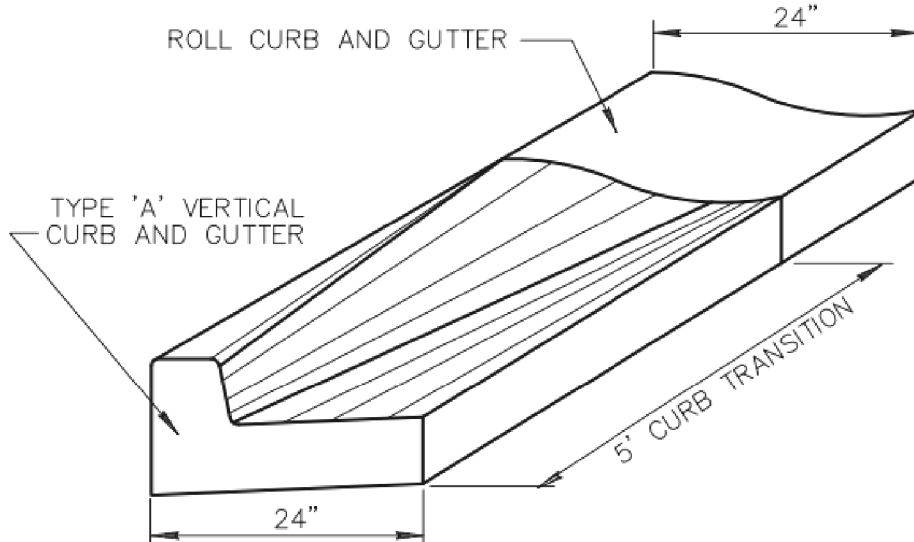
STANDARD DETAIL
ENGLISH

6' CHAIN LINK
FENCE AND GATE

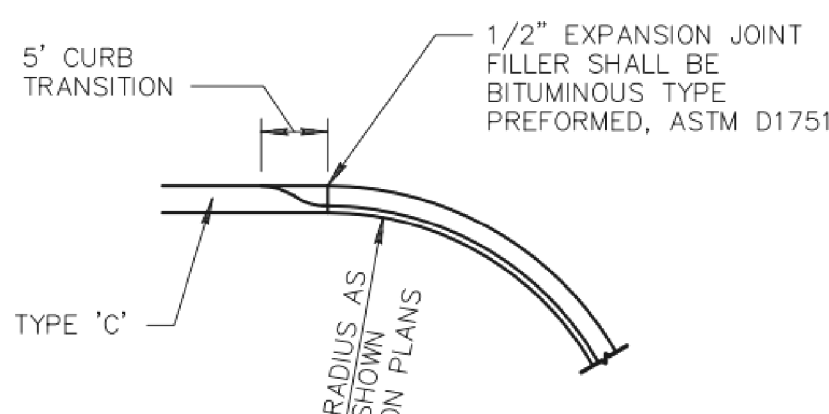
REVISED
01-01-2013

DETAIL NO.
160

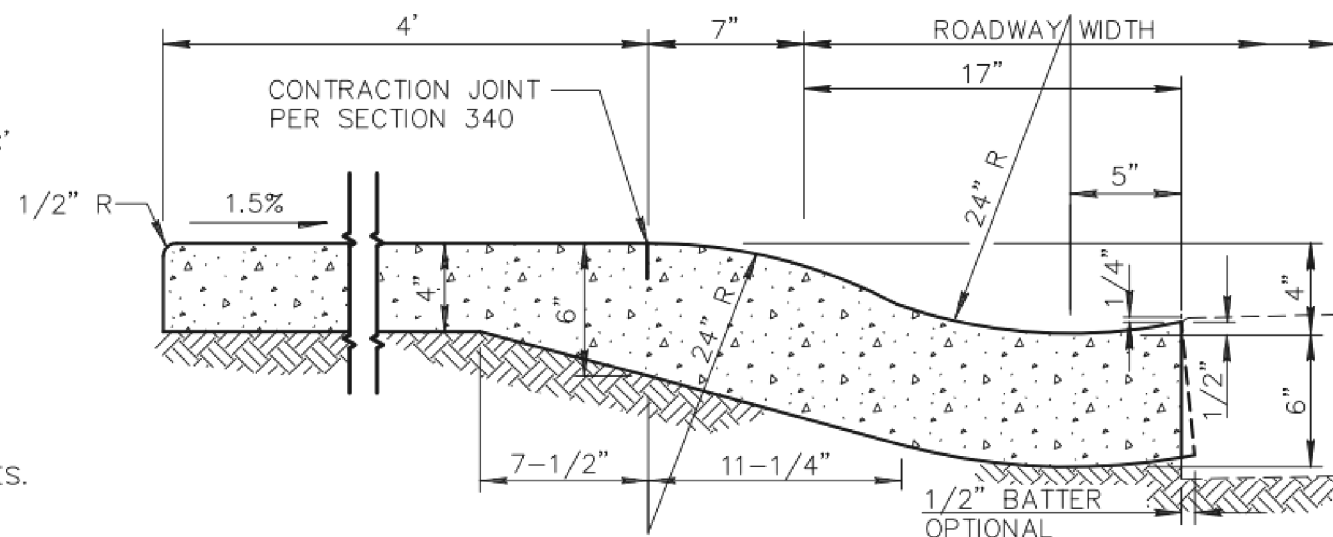
CURB TRANSITION TO ROLL CURB



CURB AND GUTTER TRANSITION



INTEGRAL ROLL CURB, GUTTER AND SIDEWALK



NOTES: (CURB AND GUTTER TRANSITIONS)

- 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' TRANSITION SHALL BE MEASURED AND PAID FOR AS TYPE 'C' CURB AND GUTTER.
- WHERE PROPOSED CONSTRUCTION IS TO BE CONNECTED TO EXISTING CURB AND GUTTER, THE TRANSITION SHALL BE INDICATED ON PLANS.
- CLASS 'B' CONCRETE PER SECTION 725.
- TRANSITION BETWEEN TYPICAL SECTIONS SHALL BE ACCOMPLISHED BY THE USE OF DIRECT STRAIGHT LINE TRANSITIONS OF THE FLOW LINE AND OTHER SURFACE FEATURES.

NOTES: (INTEGRAL ROLL CURB, GUTTER AND SIDEWALK)

- CONCRETE TO BE MONOLITHIC POUR. EXPOSED SURFACE FINISH AS PER SIDEWALK AND GUTTER DETAIL.
- CONTRACTION JOINT SPACING 5' MAXIMUM.
- EXPANSION JOINTS PER SECTION 340.
- CLASS 'B' CONCRETE PER SECTION 725.

DETAIL NO.
221

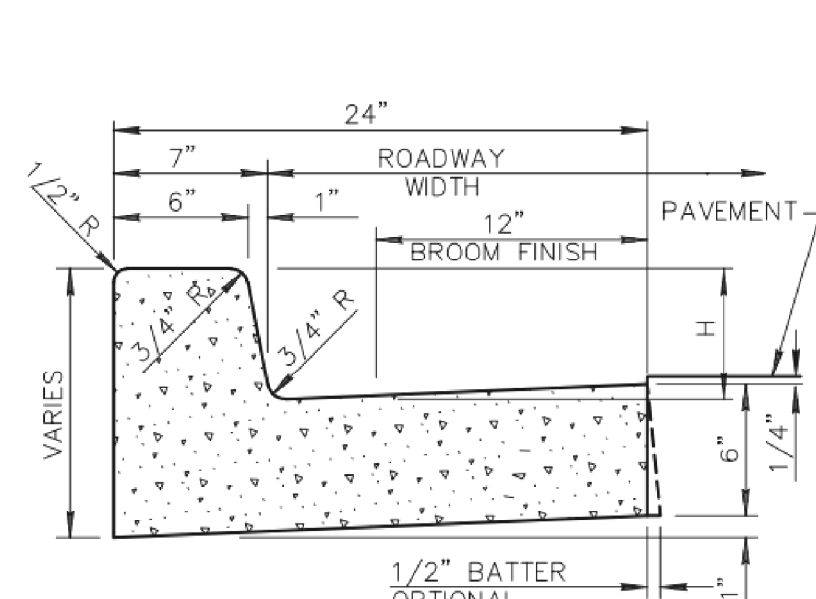


STANDARD DETAIL
ENGLISH

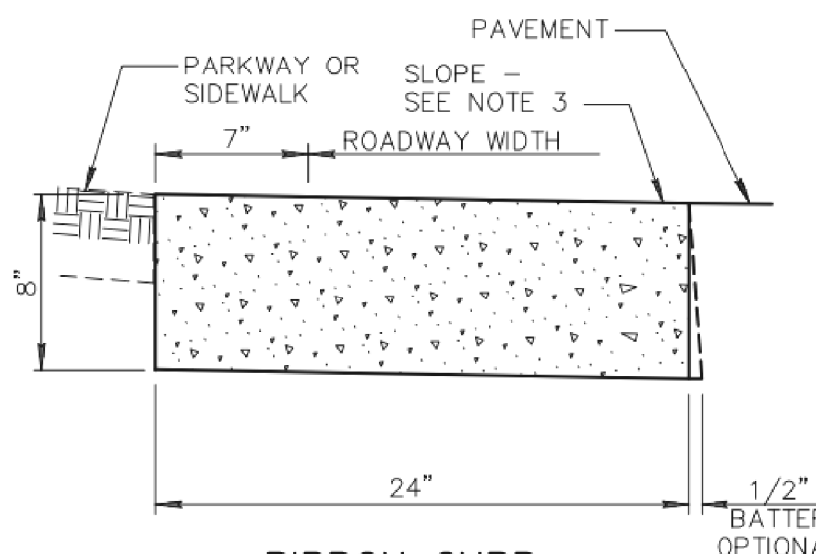
CURB AND GUTTER TRANSITION AND
INTEGRAL ROLL CURB, GUTTER AND SIDEWALK

DRAFT
01-01-2018

DETAIL NO.
221



VERTICAL CURB AND GUTTER (TYPE A)



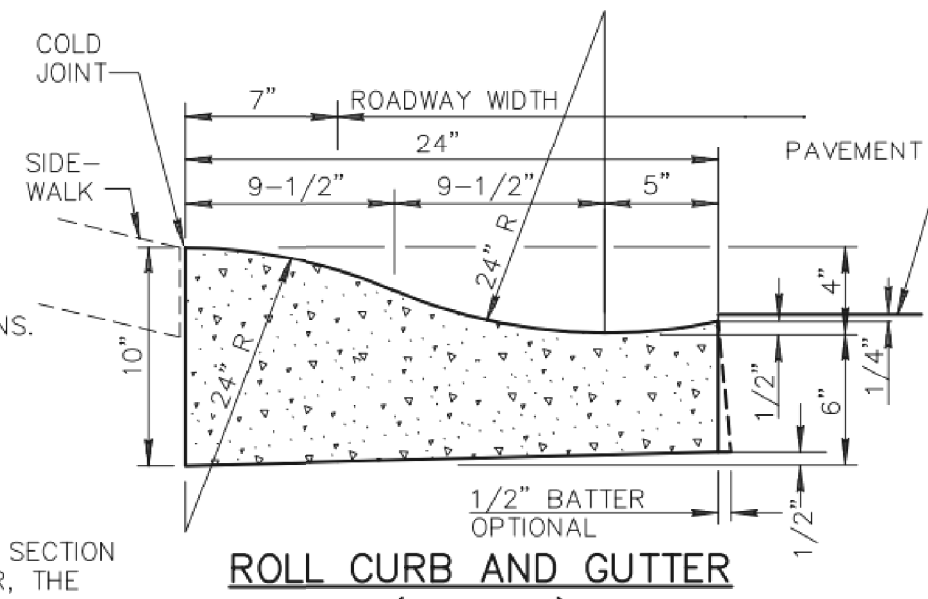
RIBBON CURB (TYPE B)

NOTES: (TYPE A)

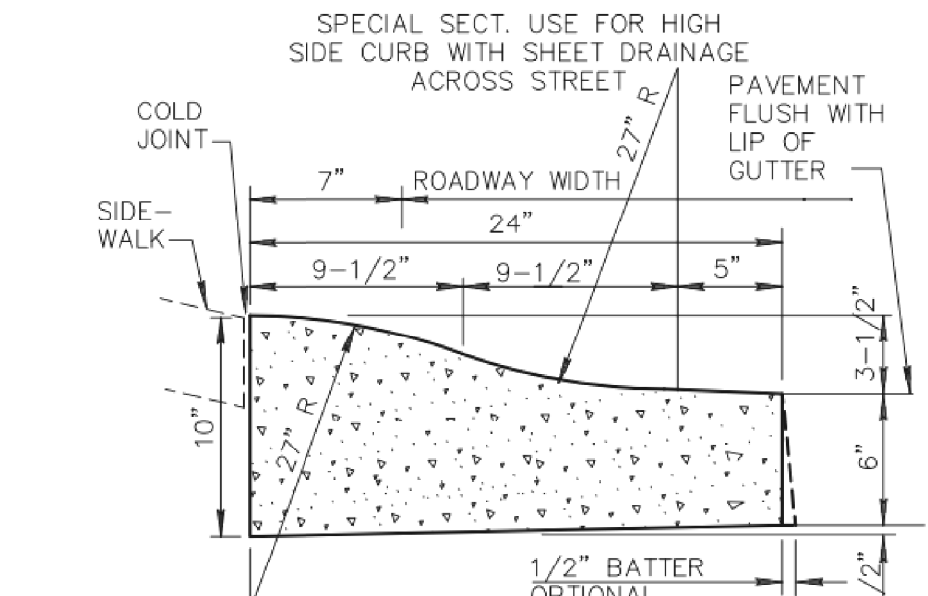
- ALL EXPOSED SURFACES TO BE TROWEL FINISHED EXCEPT AS SHOWN. SEE SECT. 340.
- H=6" OR AS SPECIFIED ON PLANS.
- CONTRACTION JOINT SPACING 10' MAXIMUM.
- EXPANSION JOINTS AS PER SECT. 340.
- CLASS 'B' CONCRETE PER 725.
- WHEN THE ADJACENT PAVEMENT SECTION SLOPES AWAY FROM THE GUTTER, THE SLOPE OF THE GUTTER PAN SHALL MATCH PAVEMENT CROSS SLOPE.

NOTES: (TYPE B)

- CONSTRUCT CURB AND INSTALL 1/2" MASTIC EXPANSION JOINTS, A.S.T.M. D-1751, SECT. 340.
- BROOM FINISH ALL SURFACES.
- RIBBON CURB MAY SLOPE TOWARDS PAVEMENT OR PARKWAY AS INDICATED ON PLANS.
- CONTRACTION JOINT SPACING 10' MAXIMUM.
- CONCRETE SHALL BE CLASS 'B' PER SECT. 725 AND INSTALLED PER SECT. 505.



ROLL CURB AND GUTTER (TYPE C)



NOTES: (C & D)

- ALL WORK AND MATERIALS SHALL CONFORM TO SECT. 340, 505 AND 725. BROOM FINISH TO EXPOSED SURFACE.
- CONTRACTION JOINT SPACING 10' MAXIMUM.
- EXPANSION JOINTS AS PER SECT. 340.
- CLASS 'B' CONCRETE PER 725.

DETAIL NO.
220-1

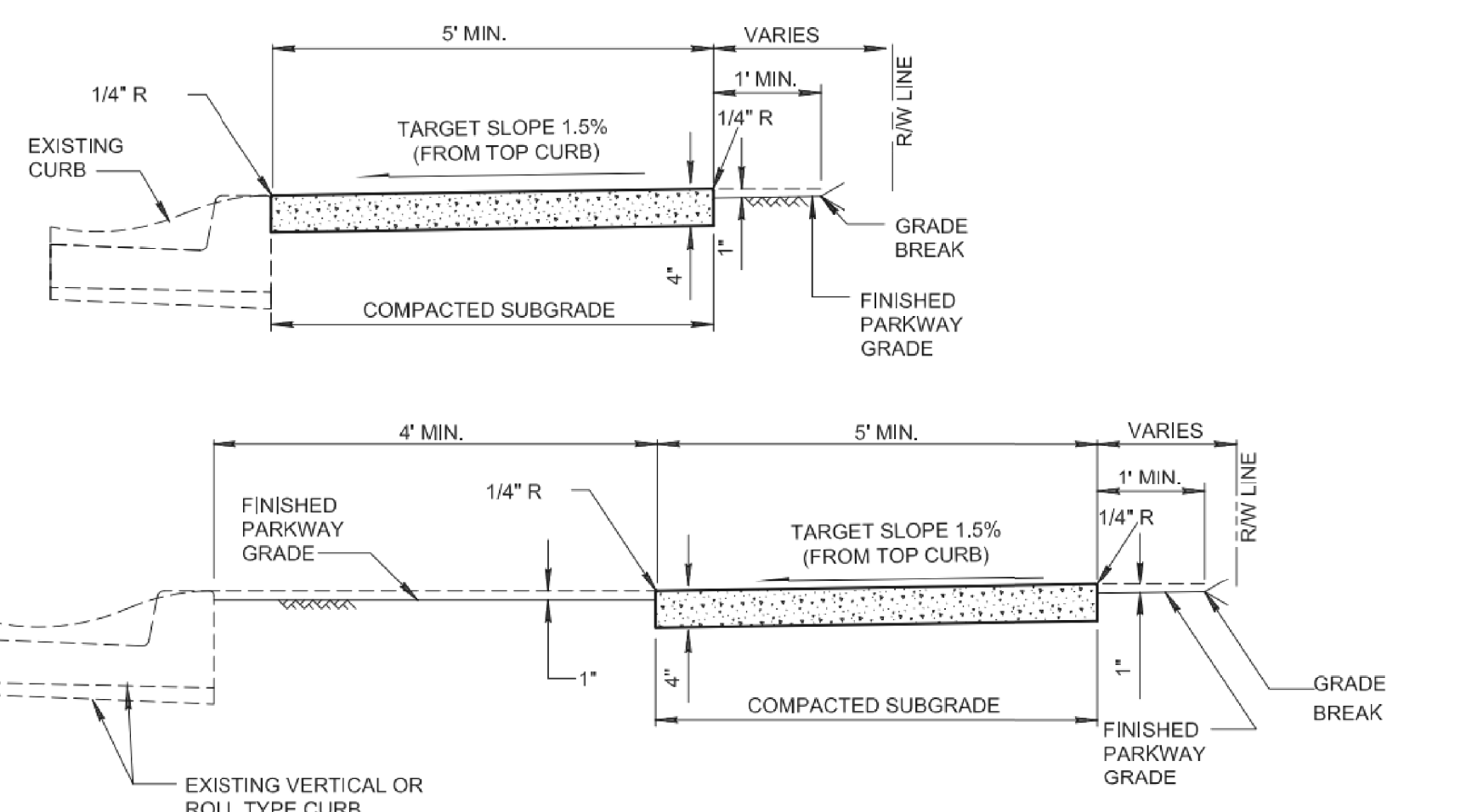


STANDARD DETAIL
ENGLISH

CURB AND GUTTER
TYPES A, B, C AND D

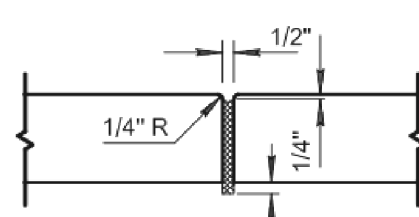
REVISED
01-01-2021

DETAIL NO.
220-1

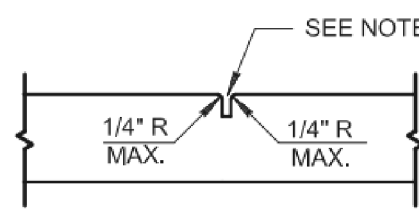


NOTES:

- SIDEWALK CONSTRUCTION SHALL CONFORM TO SECTION 340.
- EXPANSION JOINTS SHALL BE 1/2" BITUMINOUS TYPE PREFORMED EXPANSION JOINT FILLER, PER SECTION 725.
- LARGE AGGREGATE, IN CONTRACTION JOINT SHALL BE SEPARATED TO A DEPTH OF 1", FINISH DEPTH SHALL BE A MINIMUM OF 3/4".
- EXPANSION JOINTS SHALL CONFORM TO SECTION 340, BE INSTALLED PRIOR TO CONCRETE PLACEMENT, AND AT A MAXIMUM SPACING OF 50'.
- CONCRETE SHALL BE CLASS 'B' PER SECTION 725.
- WHEN SIDEWALK AND ADJACENT CURB ARE CONSTRUCTED MONOLITHICALLY, ALL EXPANSION AND CONTRACTION JOINTS SHALL EXTEND ACROSS THE CURB.
- SLOPE TOLERANCE 0.5% TO 2.0%. SIDEWALK NOT IN TOLERANCE SHALL BE REMOVED AND REPLACED BY THE CONTRACTOR.



EXPANSION JOINT



CONTRACTION JOINT

DETAIL NO.
230



STANDARD DETAIL
ENGLISH

SIDEWALKS

REVISED
01-01-2023

DETAIL NO.
230



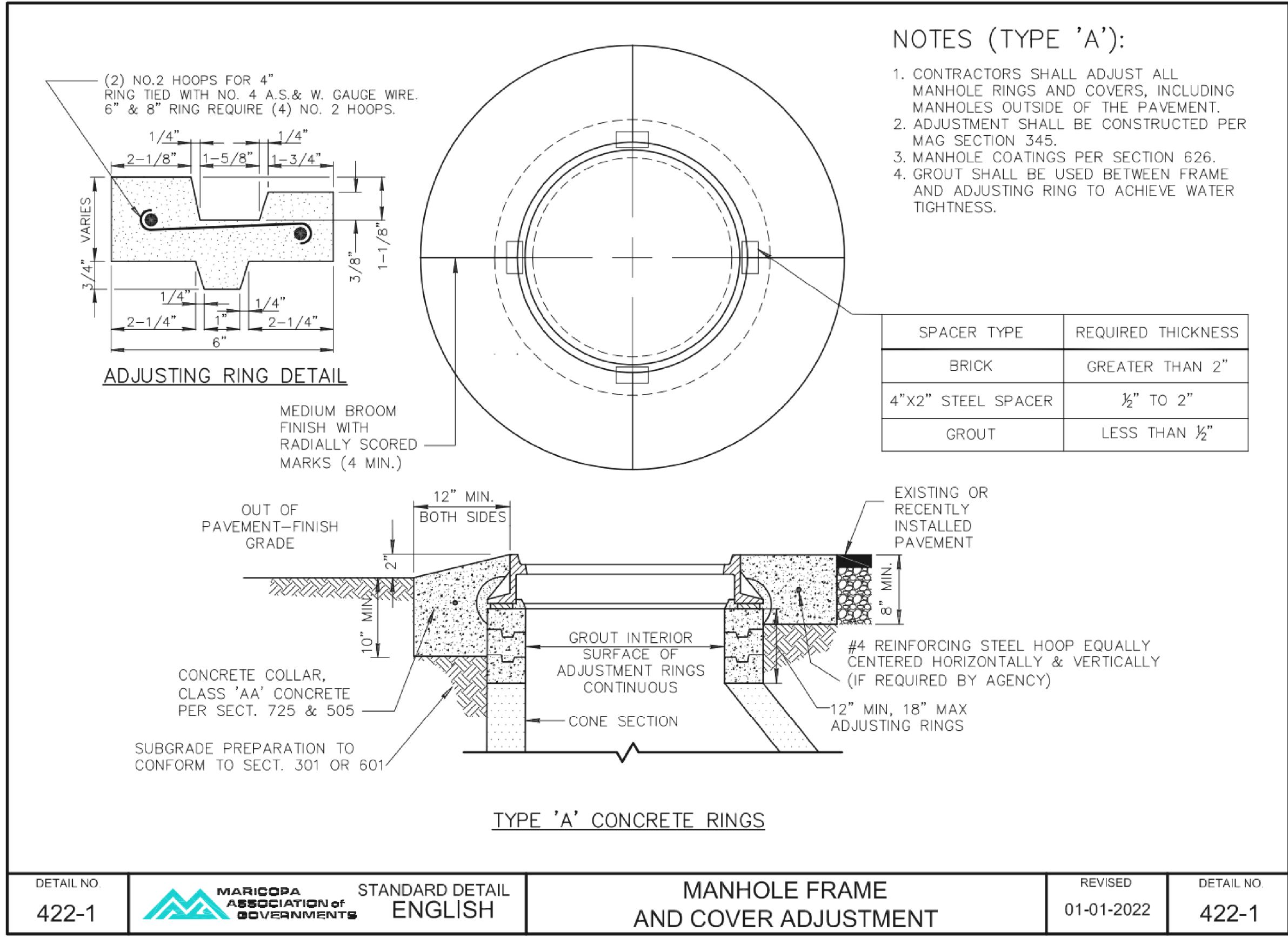
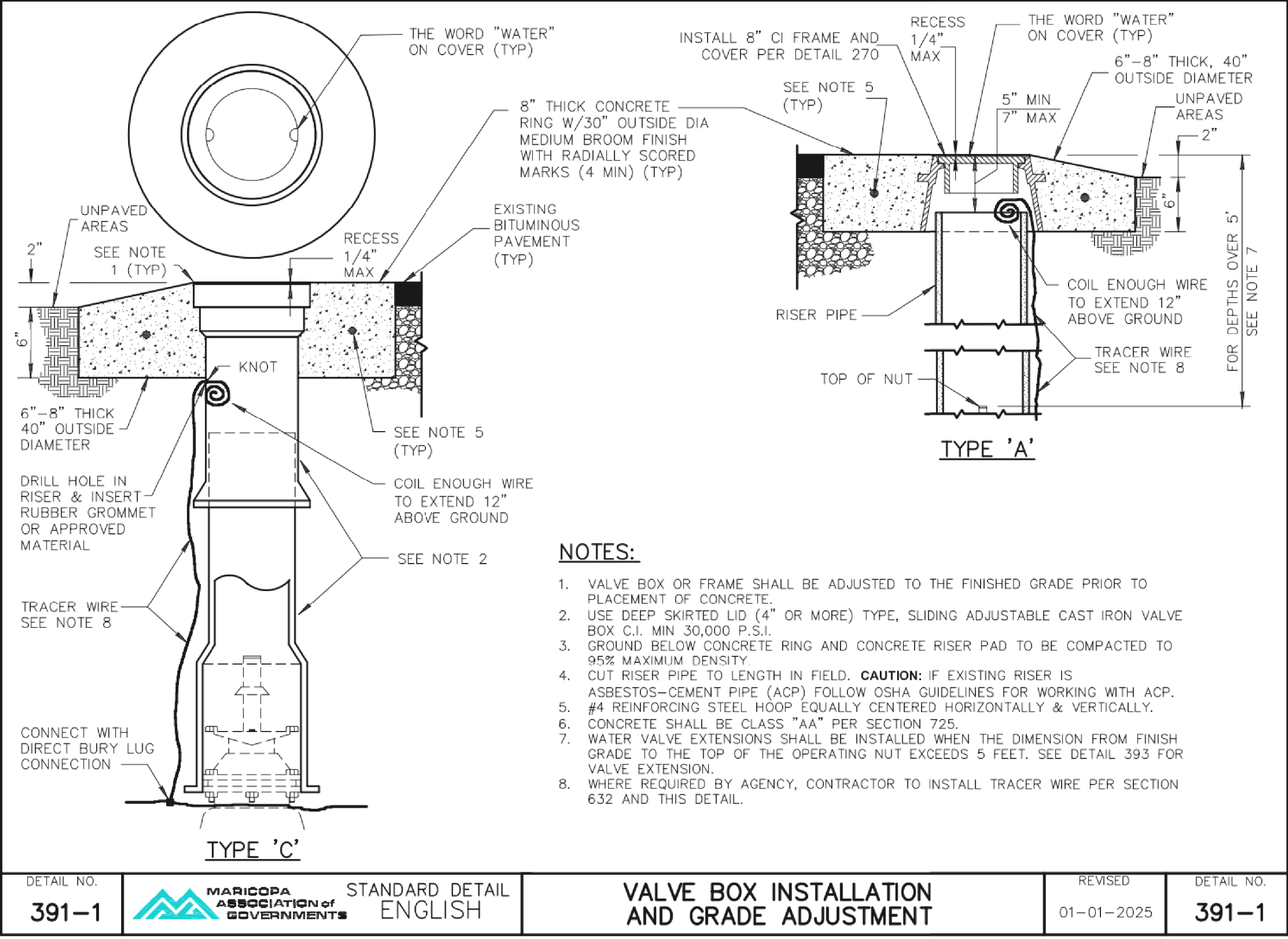
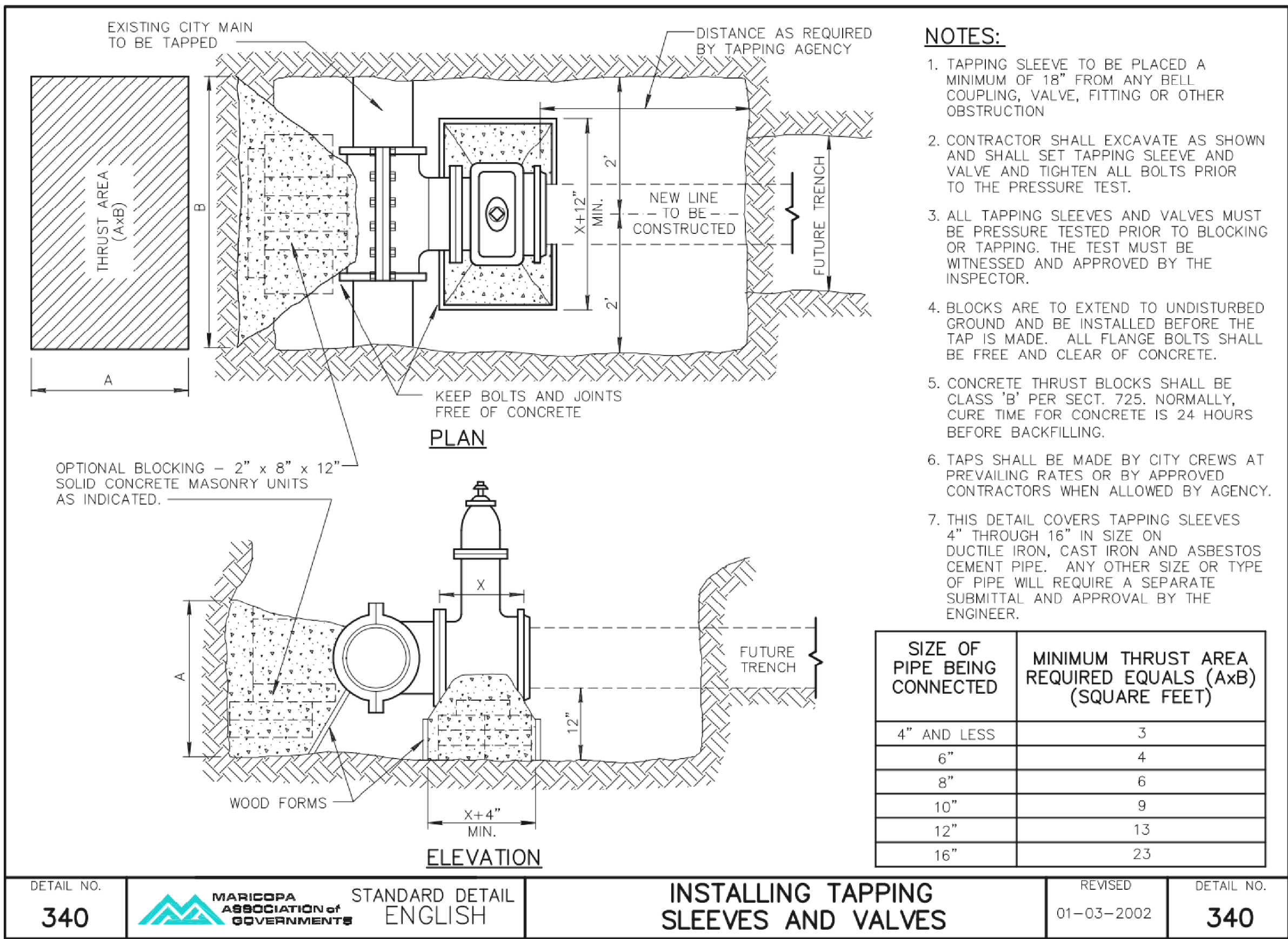
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DESIGN	AC	6/26
DRAWN	AR/VT	6/26
CHECKED	SMD	6/26

POINT ENGINEERS

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

STACEY RD
DETAILS

ROUTE	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
F.H.W.A. Arizona Division	ARIZ.	000 MA GIL	GIL-0(223)T	8	42	
LOCATION	TRACS NO.	DWG NO.				
STACEY ROAD: HIGLEY RD EAST TO 172ND ST	T0423 01C	G-04.05				
		OF				



NAME DATE

DESIGN AC 6/26

DRAWN AR/VT 6/26

CHECKED SMD 6/26

POINT ENGINEERS

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

ROUTE

MILEPOST

STRUCTURE NO.

STACEY RD
DETAILS

STATE F.H.W.A. Arizona Division

PROJECT NO. 000 MA GIL

FEDERAL ID NO. GIL-0(223)T

SHEET NO. 9

TOTAL SHEETS 42

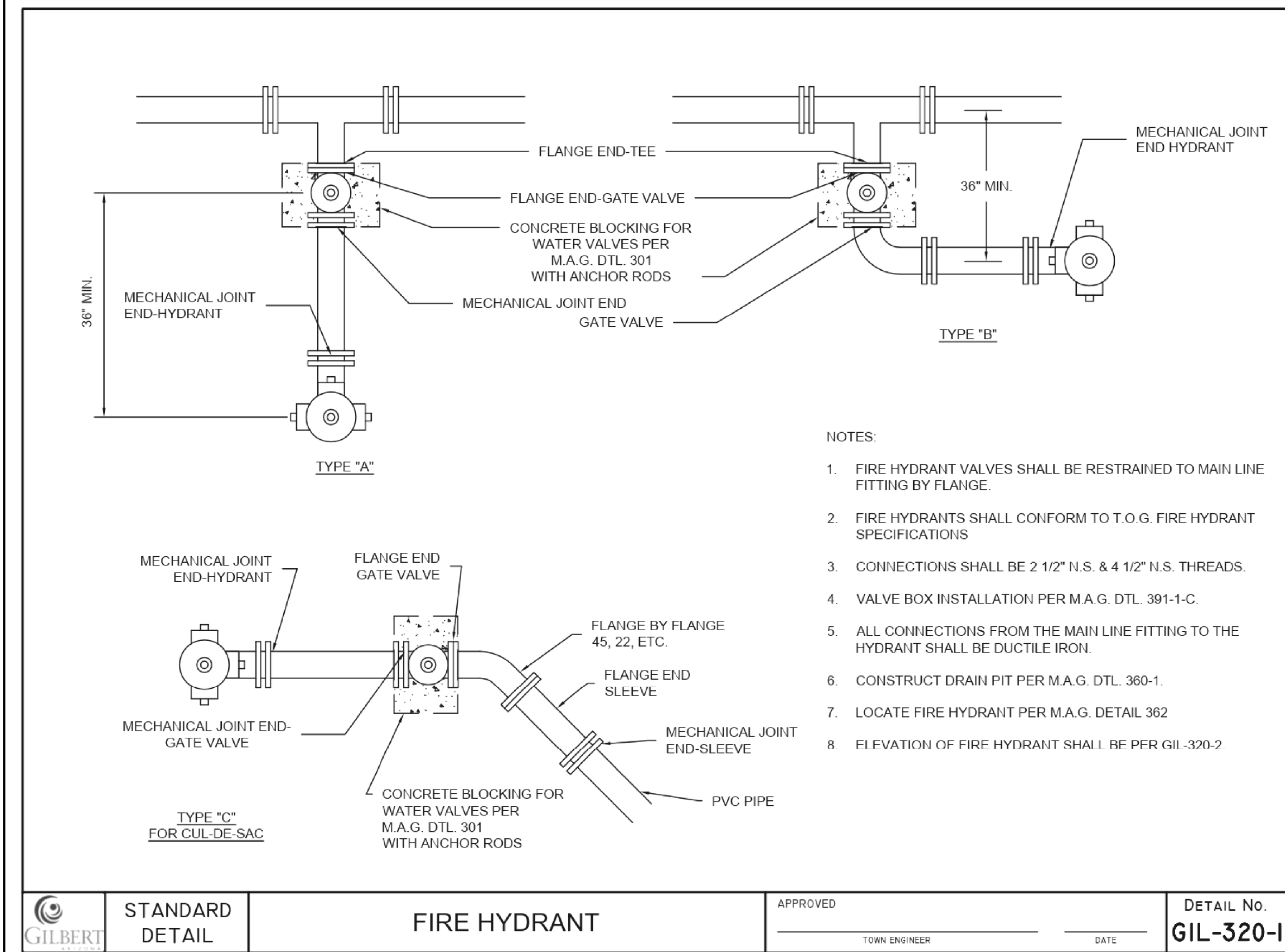
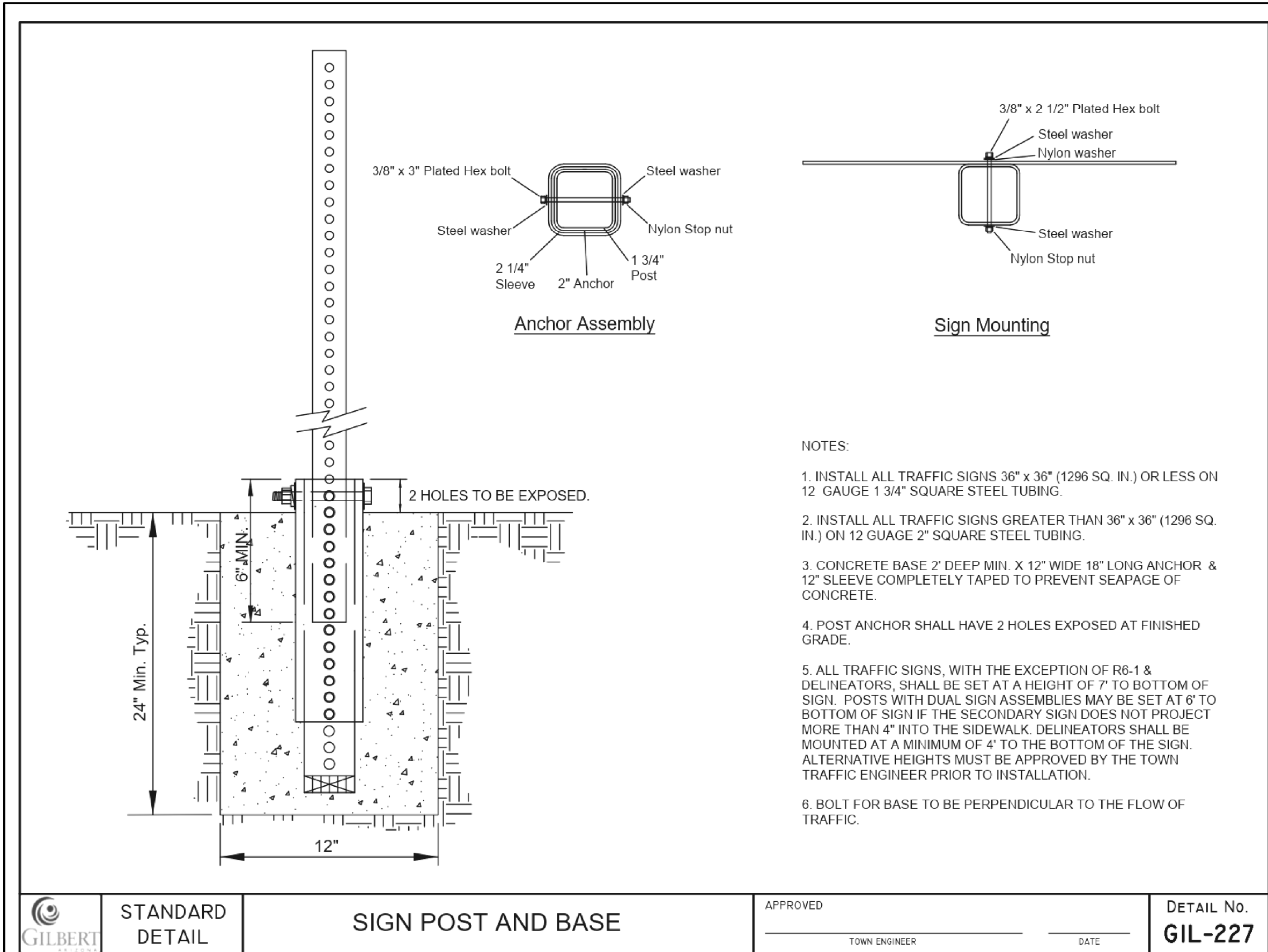
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LOCATION STACEY ROAD: HIGLEY RD EAST TO 172ND ST

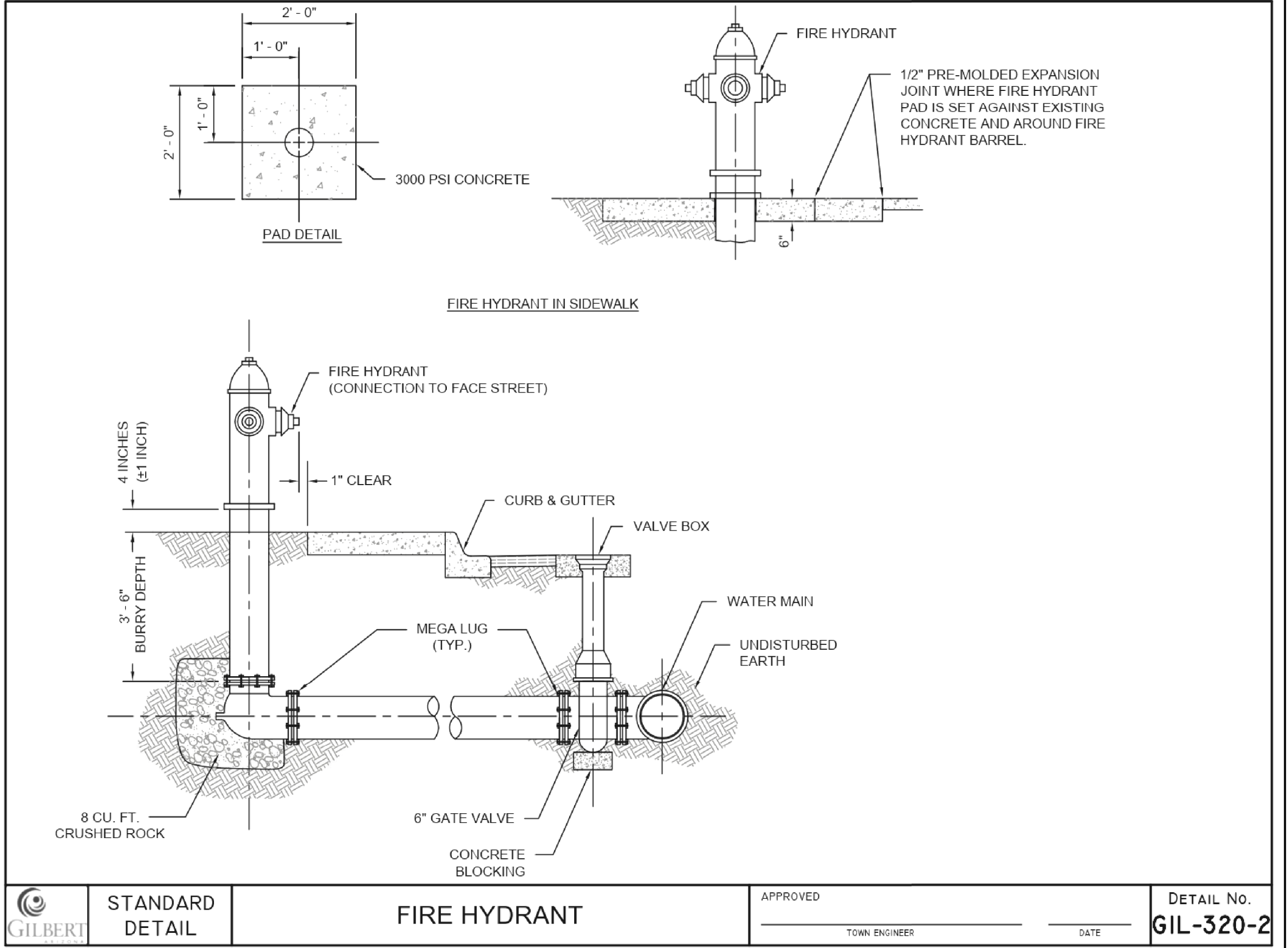
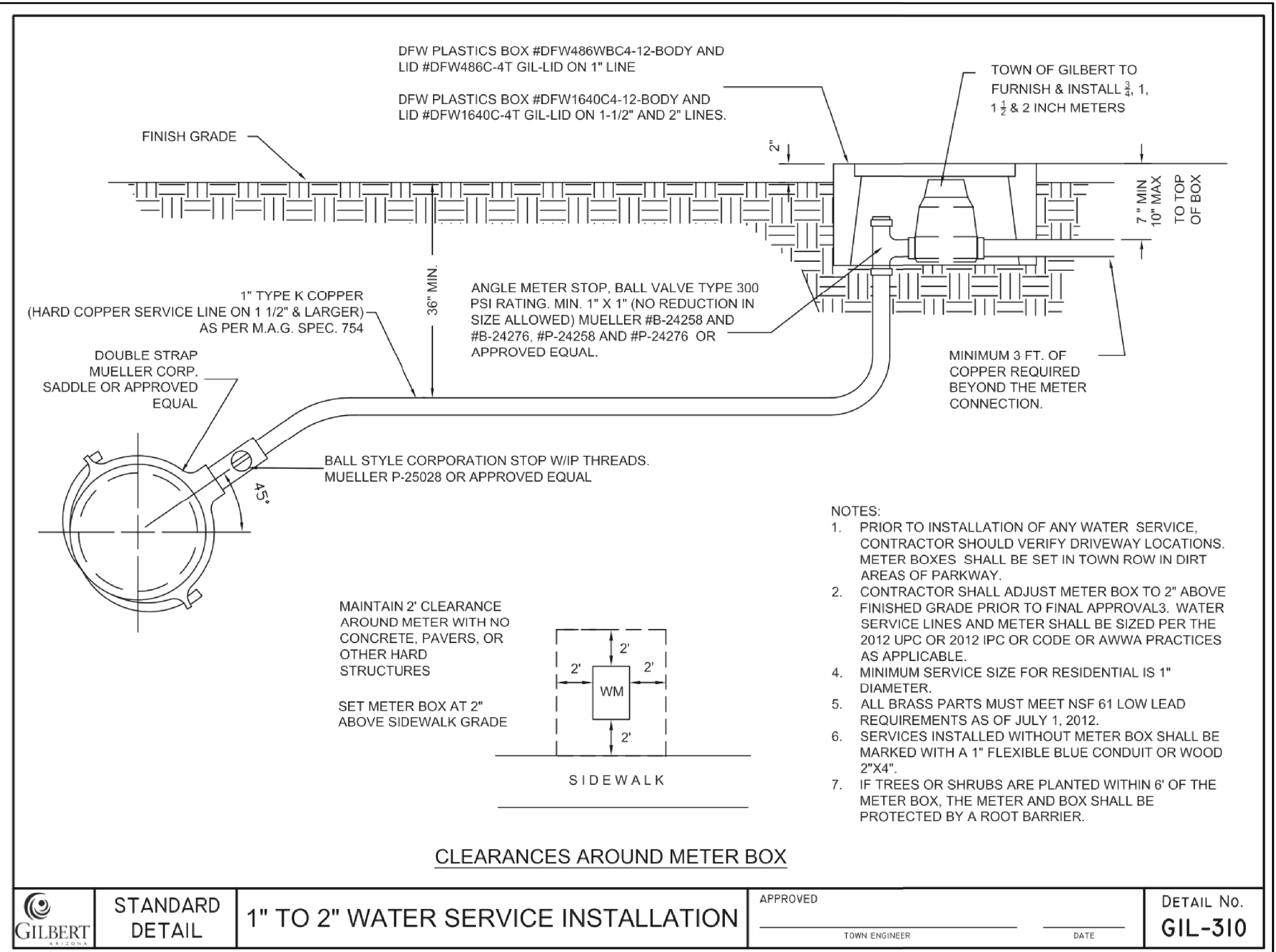
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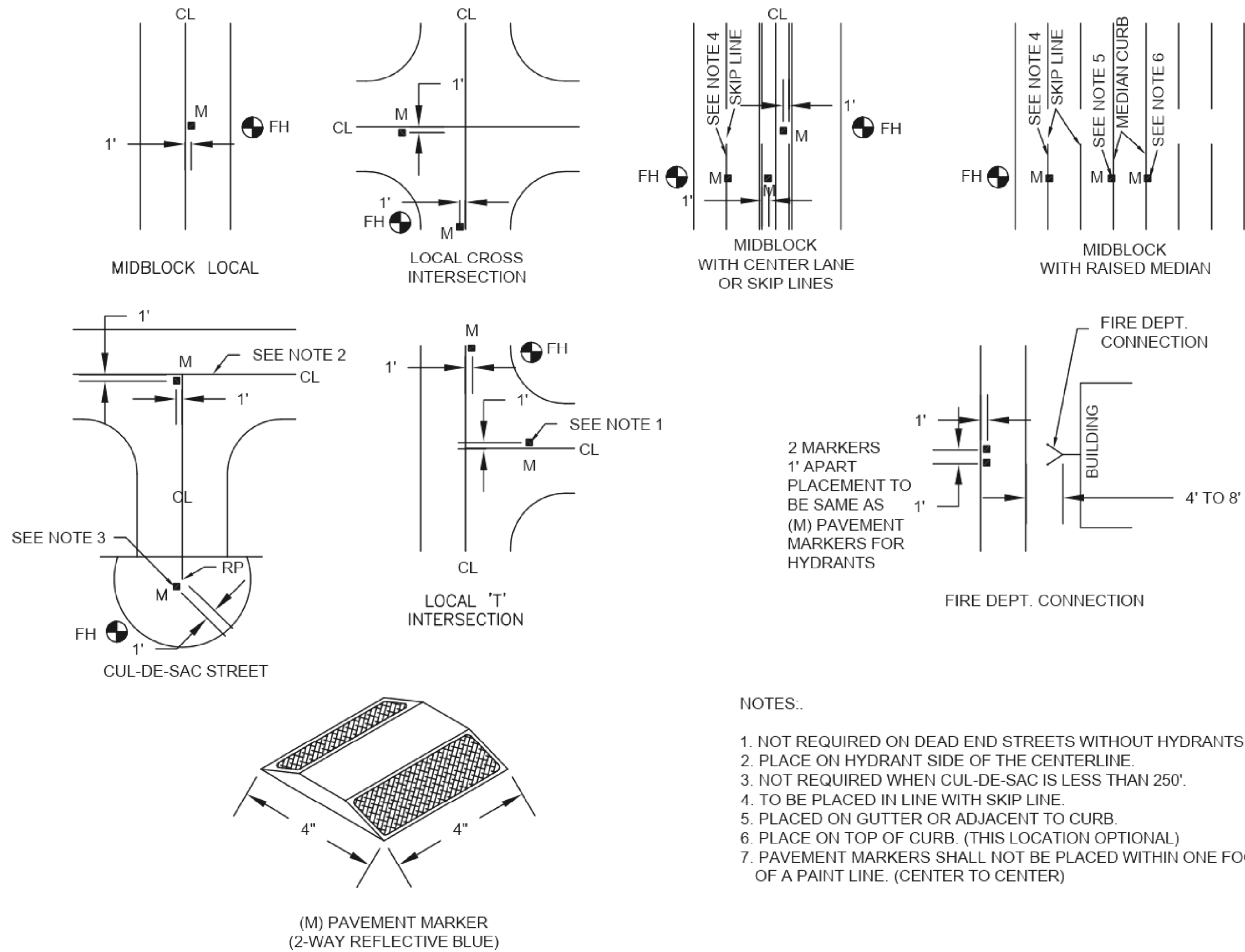
DWG NO. G-04.06

OF



Contact Arizona 811 at least two full working days before you begin excavation  ARIZONA811 Call 811 or click Arizona811.com		<table><tr><td></td><td>NAME</td><td>DATE</td></tr><tr><td>DESIGN</td><td>AC</td><td>6/26</td></tr><tr><td>DRAWN</td><td>AR/VT</td><td>6/26</td></tr><tr><td>CHECKED</td><td>SMD</td><td>6/26</td></tr></table>		NAME	DATE	DESIGN	AC	6/26	DRAWN	AR/VT	6/26	CHECKED	SMD	6/26	ARIZONA DEPARTMENT OF TRANSPORTATION PROJECT DELIVERY AND OPERATIONS DIVISION ROADWAY DESIGN SERVICES	<table><tr><td>ROUTE</td><td>F.H.W.A. Arizona Division</td><td>STATE</td><td>ARIZ.</td><td>PROJECT NO.</td><td>000 MA GIL</td><td>FEDERAL ID NO.</td><td>GIL-0(223)T</td><td>SHEET NO.</td><td>10</td><td>TOTAL SHEETS</td><td>42</td><td>RECORD DRAWING</td><td></td></tr><tr><td>MILEPOST</td><td colspan="11">LOCATION STACEY ROAD: HIGLEY RD EAST TO 172ND ST</td><td>DWG NO.</td><td>G-04.07</td></tr><tr><td>STRUCTURE NO.</td><td colspan="4">TRACS NO. T0423 01C</td><td colspan="4"></td><td colspan="4">___ OF ___</td></tr></table>	ROUTE	F.H.W.A. Arizona Division	STATE	ARIZ.	PROJECT NO.	000 MA GIL	FEDERAL ID NO.	GIL-0(223)T	SHEET NO.	10	TOTAL SHEETS	42	RECORD DRAWING		MILEPOST	LOCATION STACEY ROAD: HIGLEY RD EAST TO 172ND ST											DWG NO.	G-04.07	STRUCTURE NO.	TRACS NO. T0423 01C								___ OF ___			
			NAME	DATE																																																					
		DESIGN	AC	6/26																																																					
		DRAWN	AR/VT	6/26																																																					
CHECKED	SMD	6/26																																																							
ROUTE	F.H.W.A. Arizona Division	STATE	ARIZ.	PROJECT NO.	000 MA GIL	FEDERAL ID NO.	GIL-0(223)T	SHEET NO.	10	TOTAL SHEETS	42	RECORD DRAWING																																													
MILEPOST	LOCATION STACEY ROAD: HIGLEY RD EAST TO 172ND ST											DWG NO.	G-04.07																																												
STRUCTURE NO.	TRACS NO. T0423 01C								___ OF ___																																																
POINT ENGINEERS		STACEY RD DETAILS																																																							





- NOTES:.
- 1. NOT REQUIRED ON DEAD END STREETS WITHOUT HYDRANTS.
 - 2. PLACE ON HYDRANT SIDE OF THE CENTERLINE.
 - 3. NOT REQUIRED WHEN CUL-DE-SAC IS LESS THAN 250'.
 - 4. TO BE PLACED IN LINE WITH SKIP LINE.
 - 5. PLACED ON GUTTER OR ADJACENT TO CURB.
 - 6. PLACE ON TOP OF CURB. (THIS LOCATION OPTIONAL)
 - 7. PAVEMENT MARKERS SHALL NOT BE PLACED WITHIN ONE FOOT OF A PAINT LINE. (CENTER TO CENTER)



STANDARD
DETAIL

PAVEMENT MARKERS
FOR FIRE HYDRANTS

APPROVED

TOWN ENGINEER

DATE

DETAIL No.
GIL-325



DESIGN	AC	NAME	DATE
DRAWN	AR/VT		6/26
CHECKED	SMD		6/26

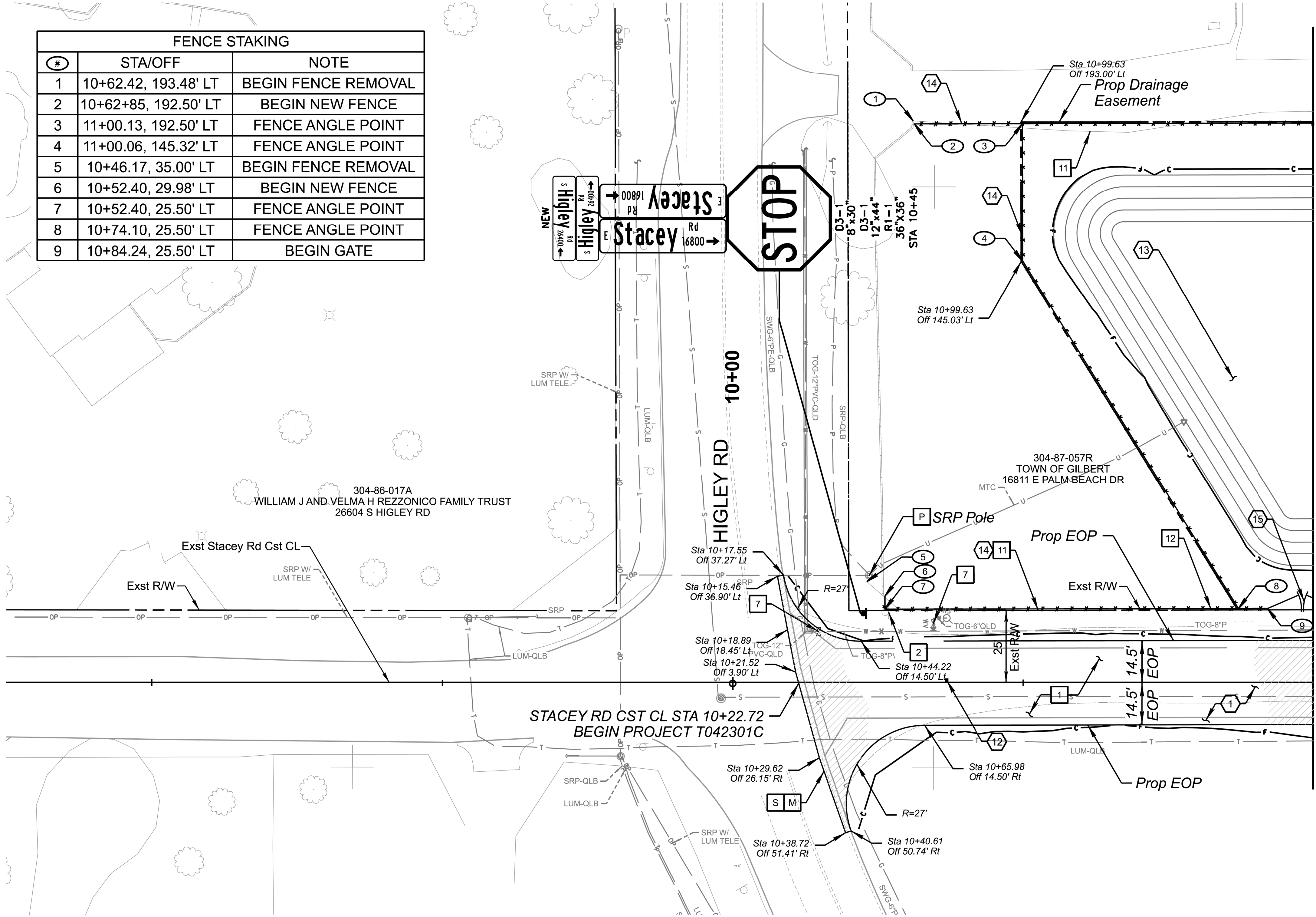
POINT ENGINEERS

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

**STACEY RD
DETAILS**

ROUTE	F.H.W.A. Arizona Division	STATE	ARIZ.	PROJECT NO.	000 MA GIL	FEDERAL ID NO.	GIL-0(223)T	SHEET NO.	11	TOTAL SHEETS	42	RECORD DRAWING
MILEPOST	STACEY ROAD: HIGLEY RD EAST TO 172ND ST										DWG NO. G-04.08	
STRUCTURE NO.	TRACS NO. T0423 01C										___ OF ___	

FENCE STAKING		
#	STA/OFF	NOTE
1	10+62.42, 193.48' LT	BEGIN FENCE REMOVAL
2	10+62+85, 192.50' LT	BEGIN NEW FENCE
3	11+00.13, 192.50' LT	FENCE ANGLE POINT
4	11+00.06, 145.32' LT	FENCE ANGLE POINT
5	10+46.17, 35.00' LT	BEGIN FENCE REMOVAL
6	10+52.40, 29.98' LT	BEGIN NEW FENCE
7	10+52.40, 25.50' LT	FENCE ANGLE POINT
8	10+74.10, 25.50' LT	FENCE ANGLE POINT
9	10+84.24, 25.50' LT	BEGIN GATE



MATCHLINE STA 12+00
SEE DWG NO. C-01.03

REMOVAL / RELOCATION NOTES		
DESCRIPTION	QTY	UNIT
1 REMOVAL OF ASPHALT CONCRETE PAVEMENT	505	SY
2 REMOVAL OF SIGNS *	1	EA
7 VALVE BOX (RESET FRAME AND COVER, MAG DET 391-1, TYPE C)	2	EA
11 REMOVE FENCE	283	LF
12 REMOVE GATE	1	EA
* REMOVAL INCLUDES SIGN PANEL, POST AND FOUNDATION.		

CONSTRUCTION NOTES		
DESCRIPTION	QTY	UNIT
1 NEW AC PAVEMENT PER STRUCTURAL SECTION NO 1	632	SY
12 PAVEMENT MARKER (TYPE, M TOG STD DET GIL-325)	1	EA
13 DECOMPOSED GRANITE (1-1/4" MINUS, 2" THICK) - SEE DET A	876	SY
14 CHAIN LINK FENCE (MAG STD DET 160)	464	LF
15 FENCE GATE (MAG STD DET 160)	1	EA

SIGNING NOTES		
DESCRIPTION	QTY	UNIT
SIGN POST (1 3/4IN SQUARE STEEL TUBING SIGN POST, GIL-227)	-	LF
SIGN POST (2IN SQUARE STEEL TUBING SIGN POST, GIL-227)	10.5	LF
FLAT SHEET ALUMINUM W/DIRECT APPLY OR SILK-SCREEN CHARACTERS	15	SF
SIGN POST (SIGN POST FOUNDATION, GIL-227)	1	EA

REFERENCE		
P PROTECT-IN-PLACE	PSS 1	
R REMOVE	PSS 2	
S SAWCUT		
M MATCH EXISTING		
10 0 10 20 HORIZONTAL SCALE: 1"=20'		
1 0 1 2 VERTICAL SCALE: 1"=2'		

Contact Arizona 811 at least two full working days before you begin excavation

Call 811 or click Arizona811.com

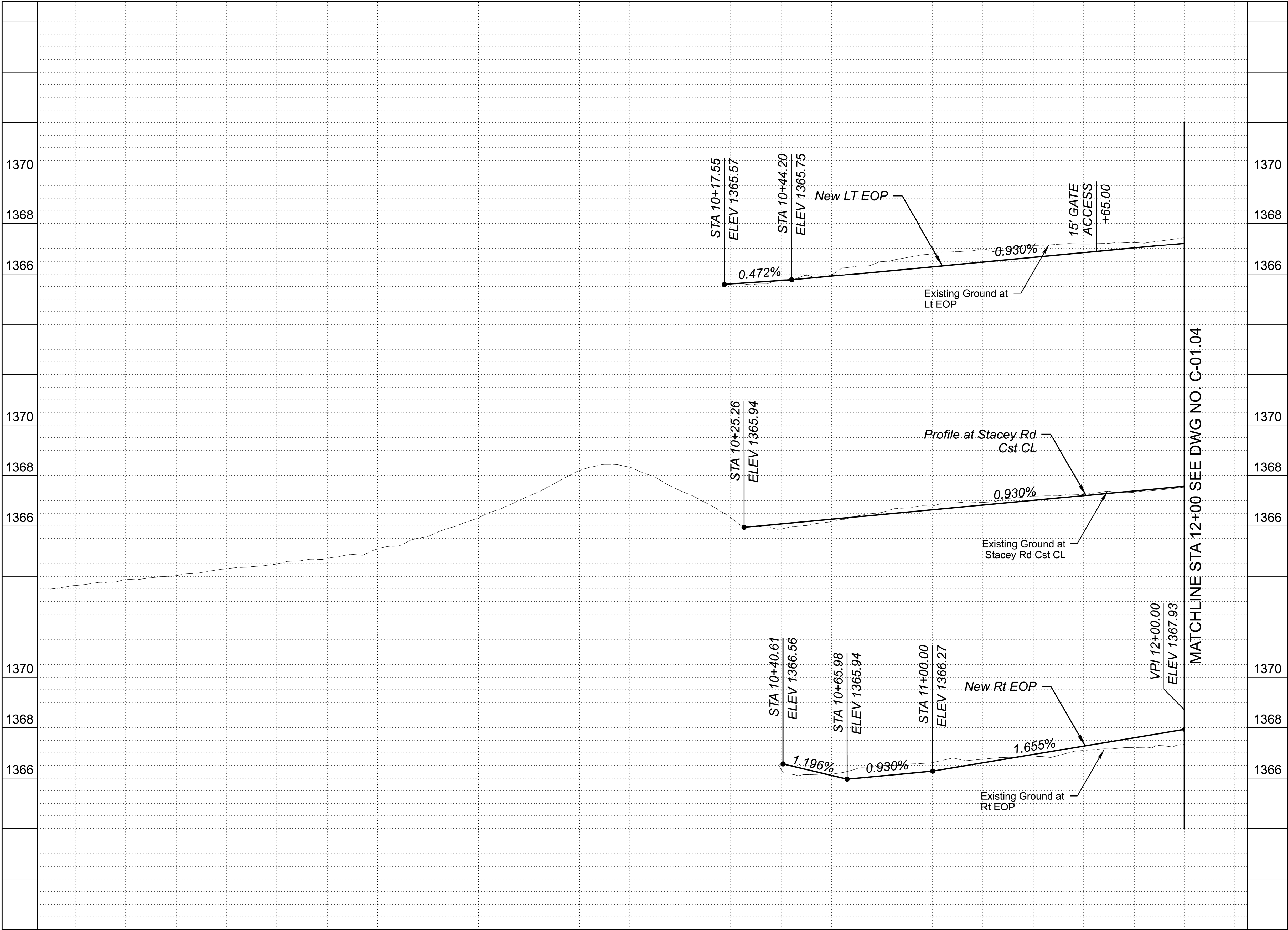
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DRAWN	AR/VT		6/26
CHECKED	SMD		6/26

POINT ENGINEERS

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

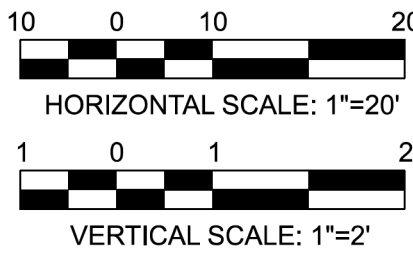
STACEY RD
ROADWAY PLAN
STA 10+25 TO STA 12+00

ROUTE	F.H.W.A. Arizona Division	STATE	ARIZ.	PROJECT NO.	000 MA GIL	FEDERAL ID NO.	GIL-0(223)T	SHEET NO.	12	TOTAL SHEETS	42	RECORD DRAWING	
MILEPOST	LOCATION STACEY ROAD: HIGLEY RD EAST TO 172ND ST											DWG NO. C-01.01	
STRUCTURE NO.	TRACS NO. T0423 01C											___ OF ___	

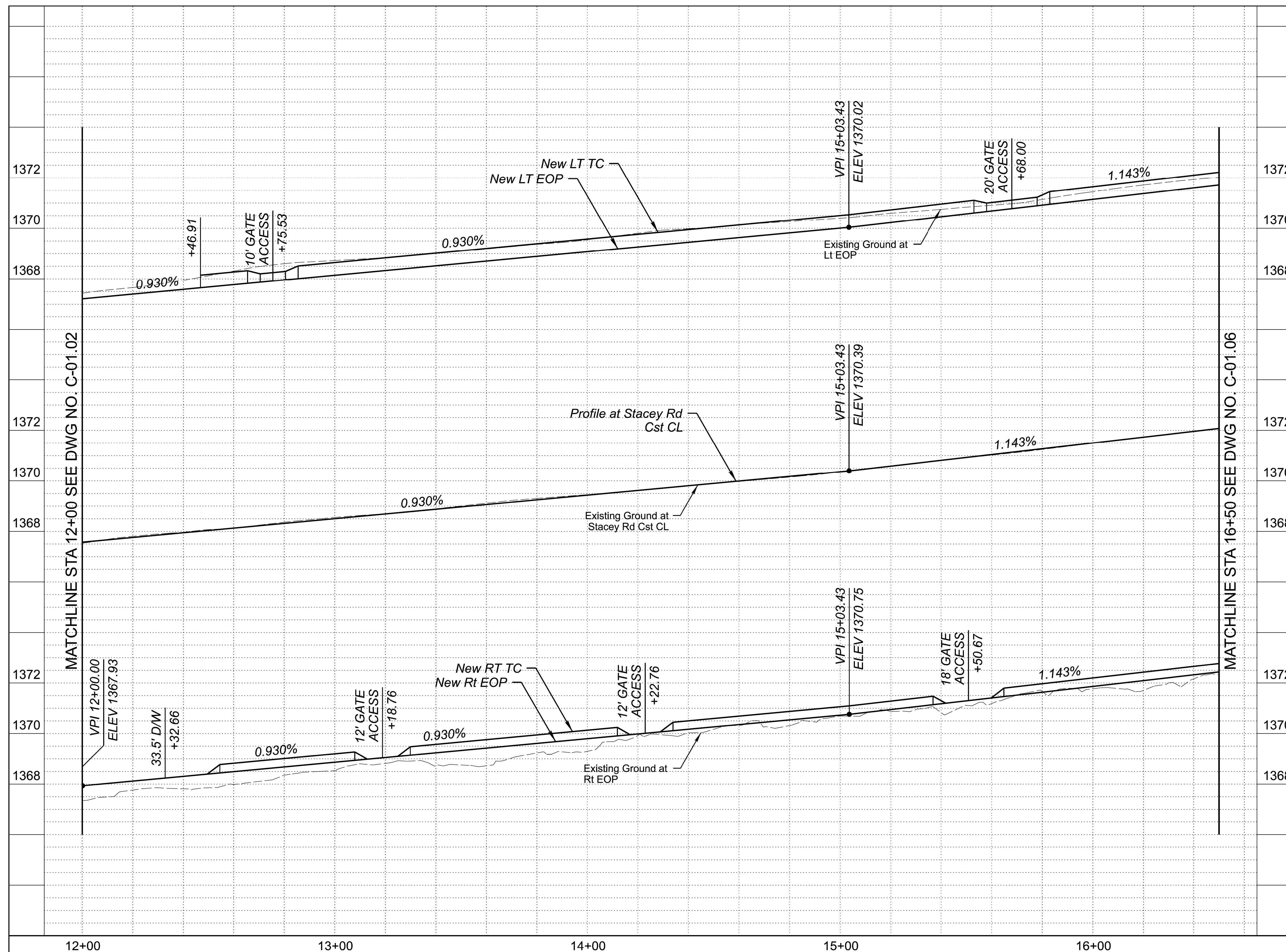


MATCHLINE STA 12+00 SEE DWG NO. C-01.04

REFERENCE



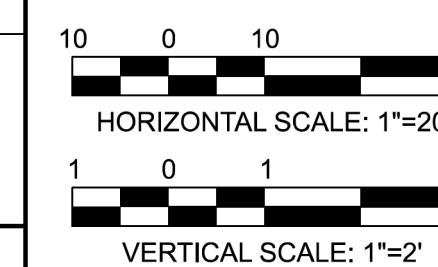
8+00		9+00		10+00		11+00		12+00		VERTICAL SCALE: 1"=2'							
Contact Arizona 811 at least two full working days before you begin excavation  Call 811 or click Arizona811.com				DESIGN	AC	DATE	ARIZONA DEPARTMENT OF TRANSPORTATION PROJECT DELIVERY AND OPERATIONS DIVISION ROADWAY DESIGN SERVICES	ROUTE	F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING		
				DRAWN	AR/VT	4/26		ARIZ.		000 MA GIL	GIL-0(219)T	13	42				
				CHECKED	SMD	4/26											
				POINT ENGINEERS			STACEY RD ROADWAY PROFILE STA 10+25 TO STA 12+00			LOCATION			STACEY ROAD: HIGLEY RD EAST TO 172ND ST			DWG NO. C-01.02	
										TRACS NO. T0423 01C			___ OF ___				



MATCHLINE STA 12+00 SEE DWG NO. C-01.02

MATCHLINE STA 16+50 SEE DWG NO C-01 06

REFERENCE



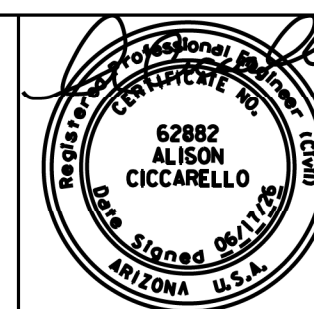
12+00

13+00

14+00

15+00

16+00



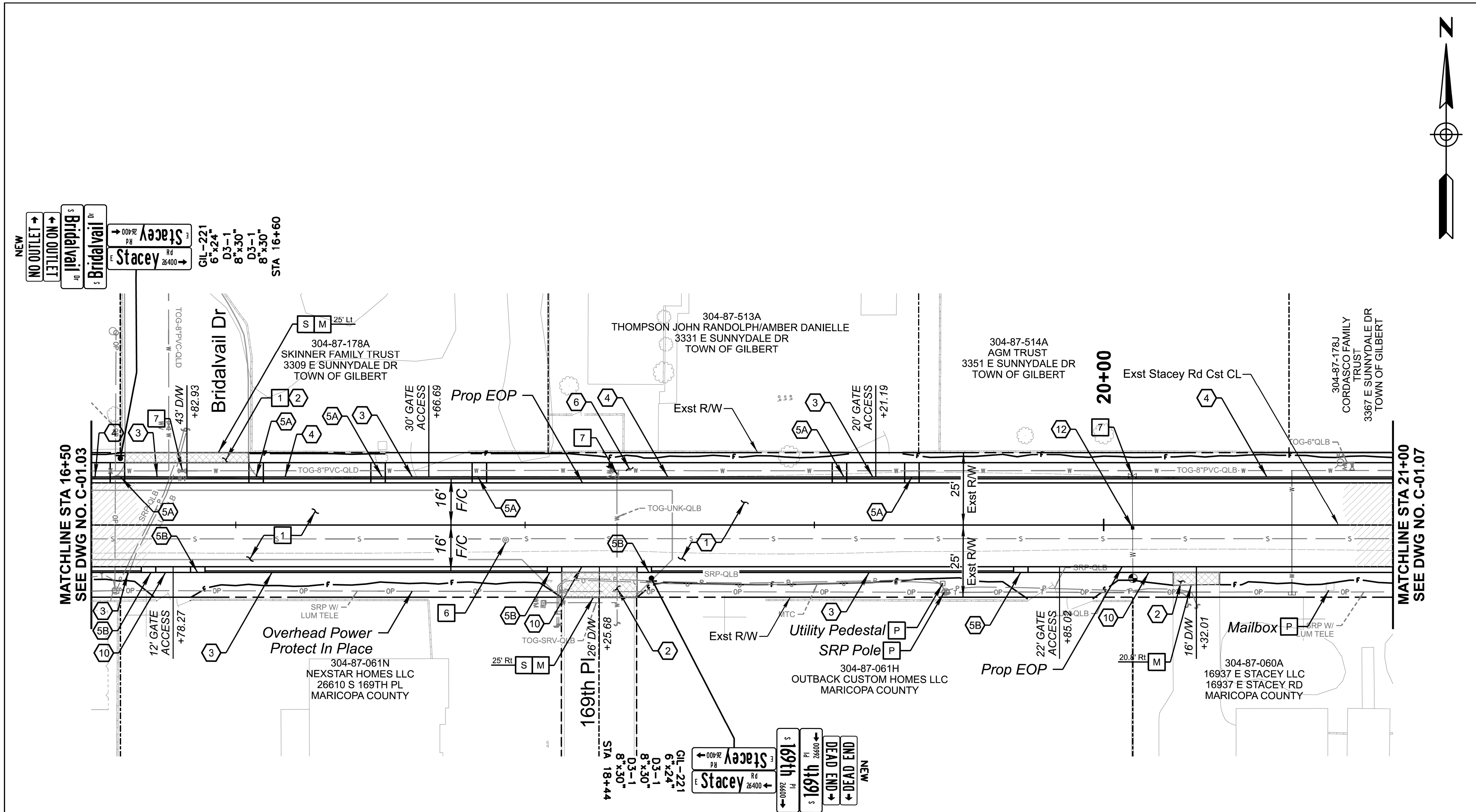
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DESIGN	AC	4/26
DRAWN	AR/VT	4/26
CHECKED	SMD	4/26

POINT ENGINEERS

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

STACEY RD
ROADWAY PROFILE
STA 12+00 TO STA 16+50

ROUTE	F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
MILEPOST		ARIZ.	000 MA GIL	GIL-0(219)T	15	42	
STRUCTURE NO.	LOCATION STACEY ROAD: HIGLEY RD EAST TO 172ND ST						DWG NO. C-01.04
	TRACS NO. T0423 01C					___ OF ___	



REMOVAL / RELOCATION NOTES		
DESCRIPTION	QTY	UNIT
1 REMOVAL OF ASPHALT CONCRETE PAVEMENT	635	SY
6 MANHOLE, SANITARY SEWER (RESET FRAME AND COVER MAG DET 422-1, TYPE A)	1	EA
7 VALVE BOX (RESET FRAME AND COVER, MAG DET 391-1, TYPE C)	3	EA

CONSTRUCTION NOTES		
DESCRIPTION	QTY	UNIT
1 NEW AC PAVEMENT PER STRUCTURAL SECTION NO 1	1,450	SY
2 NEW CONCRETE PAVEMENT PER STRUCTURAL SECTION NO 2	49	SY
3 CONCRETE CURB AND GUTTER, TYPE C (MAG DET 220-1)	379	LF
4 CONCRETE CURB AND GUTTER, TYPE A (MAG DET 220-1)	357	LF
5A CONCRETE C&G TRANSITION PER MAG STD DET 221		NPI
5B CONCRETE C&G TRANSITION TYPE 1 PER DETAIL E		NPI
6 CONCRETE SIDEWALK (MAG DET 230, 6")	2,250	SF
10 CONCRETE CURB AND GUTTER, TYPE B (MAG DET 220-1)	165	LF
12 PAVEMENT MARKER (TYPE M TOG STD DET GIL-325)	1	EA

SIGNING NOTES		
DESCRIPTION	QTY	UNIT
SIGN POST (1 3/4IN SQUARE STEEL TUBING SIGN POST, GIL-227)	15	LF
SIGN POST (2IN SQUARE STEEL TUBING SIGN POST, GIL-227)	-	LF
FLAT SHEET ALUMINUM W/DIRECT APPLY OR SILK-SCREEN CHARACTERS	9	SF
SIGN POST (SIGN POST FOUNDATION, GIL-227)	2	EA

REFERENCE

P

PROTECT-IN-PLACE

R

REMOVE

S

SAWCUT

M

MATCH EXISTING

PSS 1

PSS 2

100 0 10 20

HORIZONTAL SCALE: 1"=20'

1 0 1 2

VERTICAL SCALE: 1"=2'

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Call 811 or click Arizona811.com

POINT ENGINEERS

DESIGN	AC	NAME	DATE
DRAWN	AR/VT		6/26
CHECKED	SMD		6/26

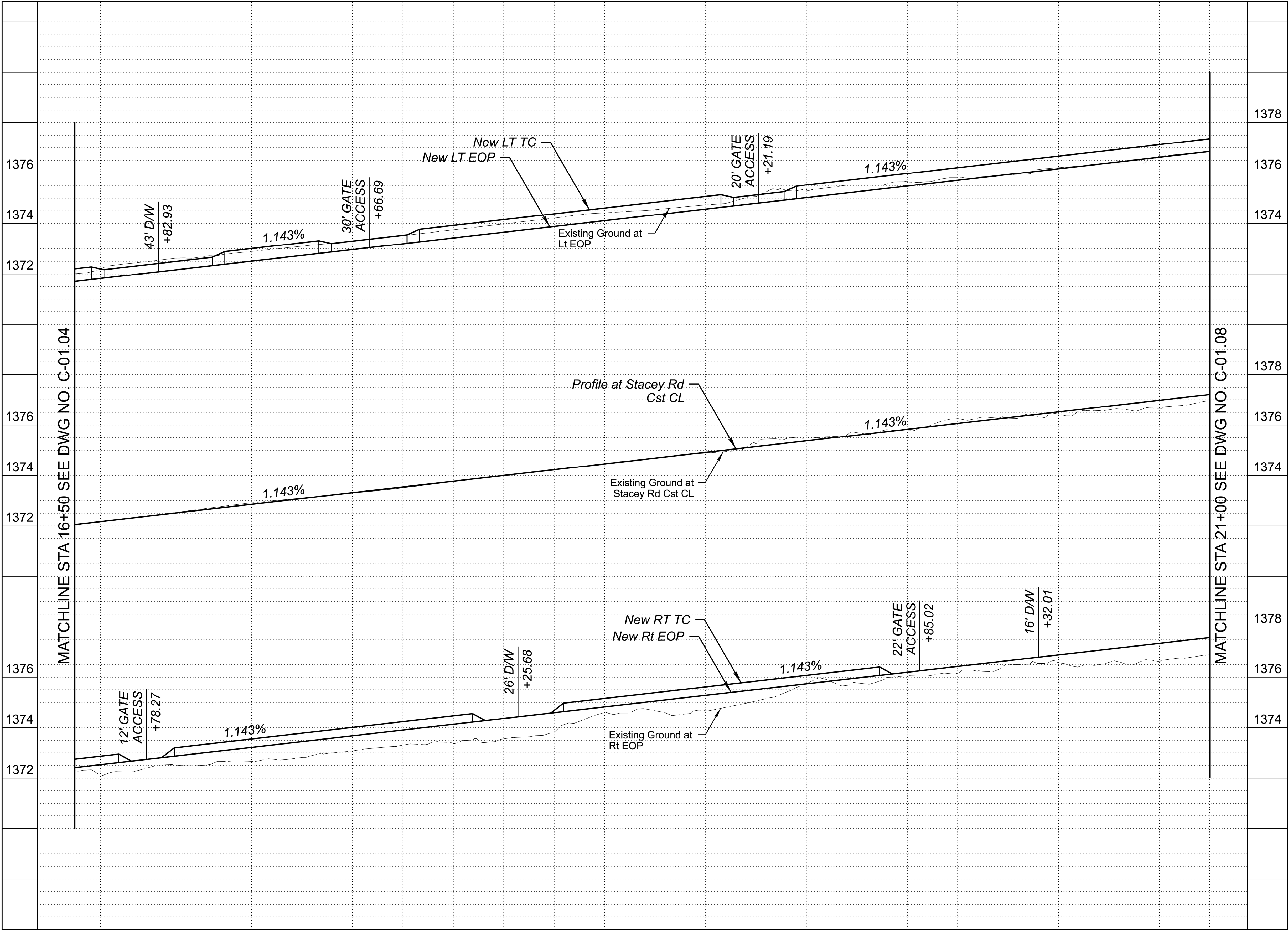
ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

STACEY RD
ROADWAY PLAN
STA 16+50 TO STA 21+00

ROUTE	F.H.W.A. Arizona Division	STATE	ARIZ.	PROJECT NO.	000 MA GIL	FEDERAL ID NO.	GIL-0(223)T	SHEET NO.	16	TOTAL SHEETS	42	RECORD DRAWING
MILEPOST	LOCATION STACEY ROAD: HIGLEY RD EAST TO 172ND ST											
STRUCTURE NO.	TRACS NO. T0423 01C											

DWG NO. C-01.05

___ OF ___



1378

1376

1374

1378

1376

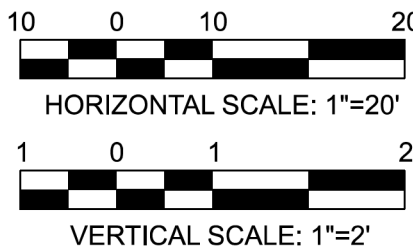
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REFERENCE



17+00

18+00

19+00

20+00

21+00



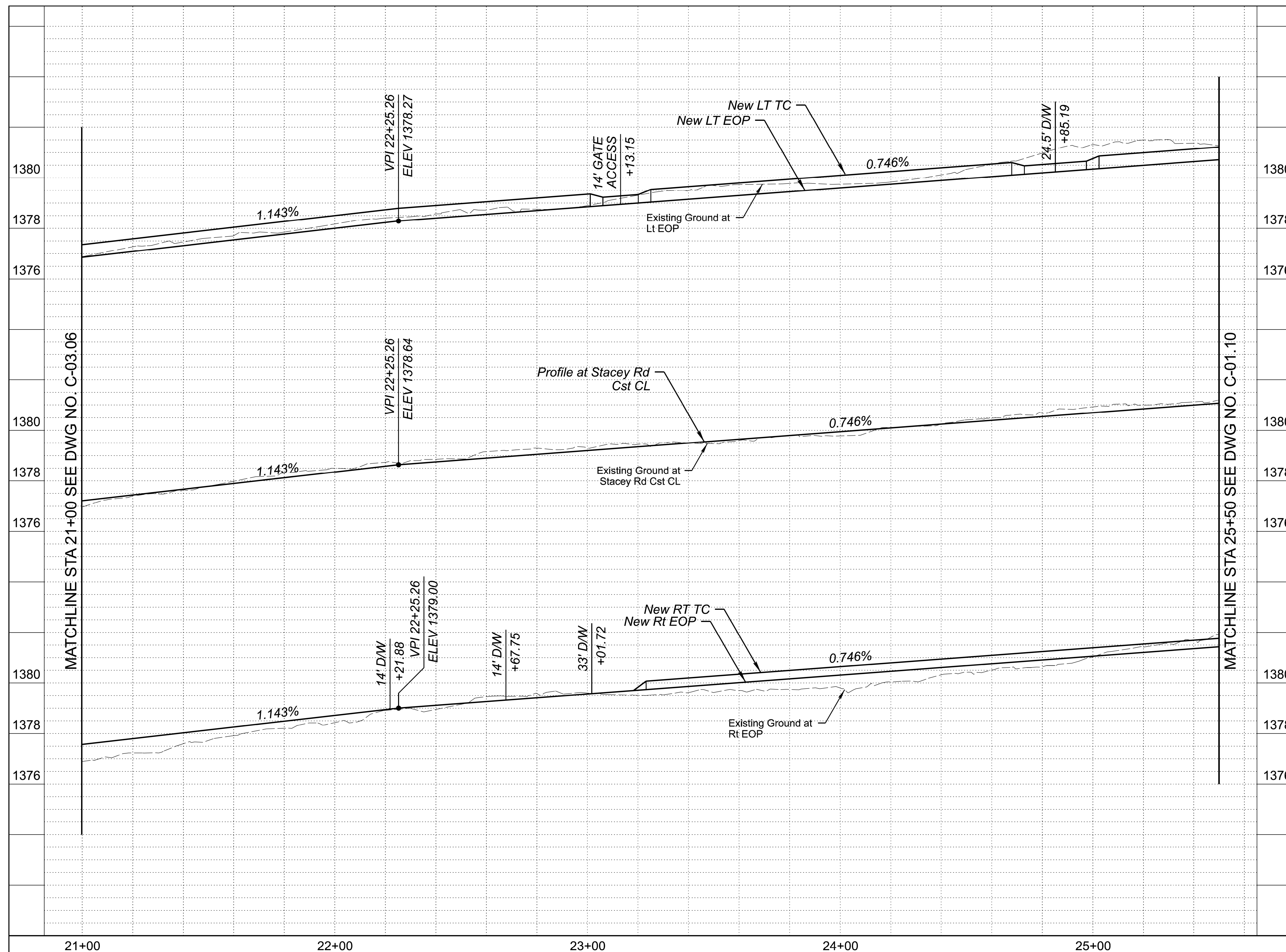
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DESIGN	AC	4/26
DRAWN	AR/VT	4/26
CHECKED	SMD	4/26

POINT ENGINEERS

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

STACEY RD
ROADWAY PROFILE
STA 16+50 TO STA 21+00

ROUTE	F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
MILEPOST		ARIZ.	000 MA GIL	GIL-0(219)T	17	42	
STRUCTURE NO.	STACEY ROAD: HIGLEY RD EAST TO 172ND ST						DWG NO. C-01.06
	TRACS NO. T0423 01C						___ OF ___



MATCHLINE STA 21+00 SEE DWG NO. C-03.06

MATCHLINE STA 25+50 SEE DWG NO C-01 10

21+00

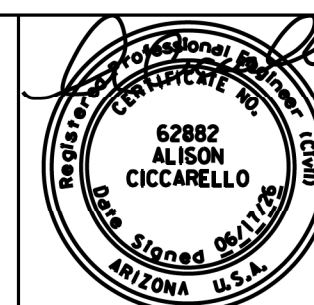
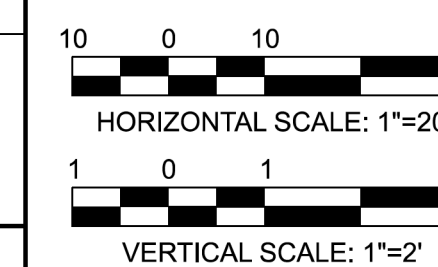
22+00

23+00

24+00

25+00

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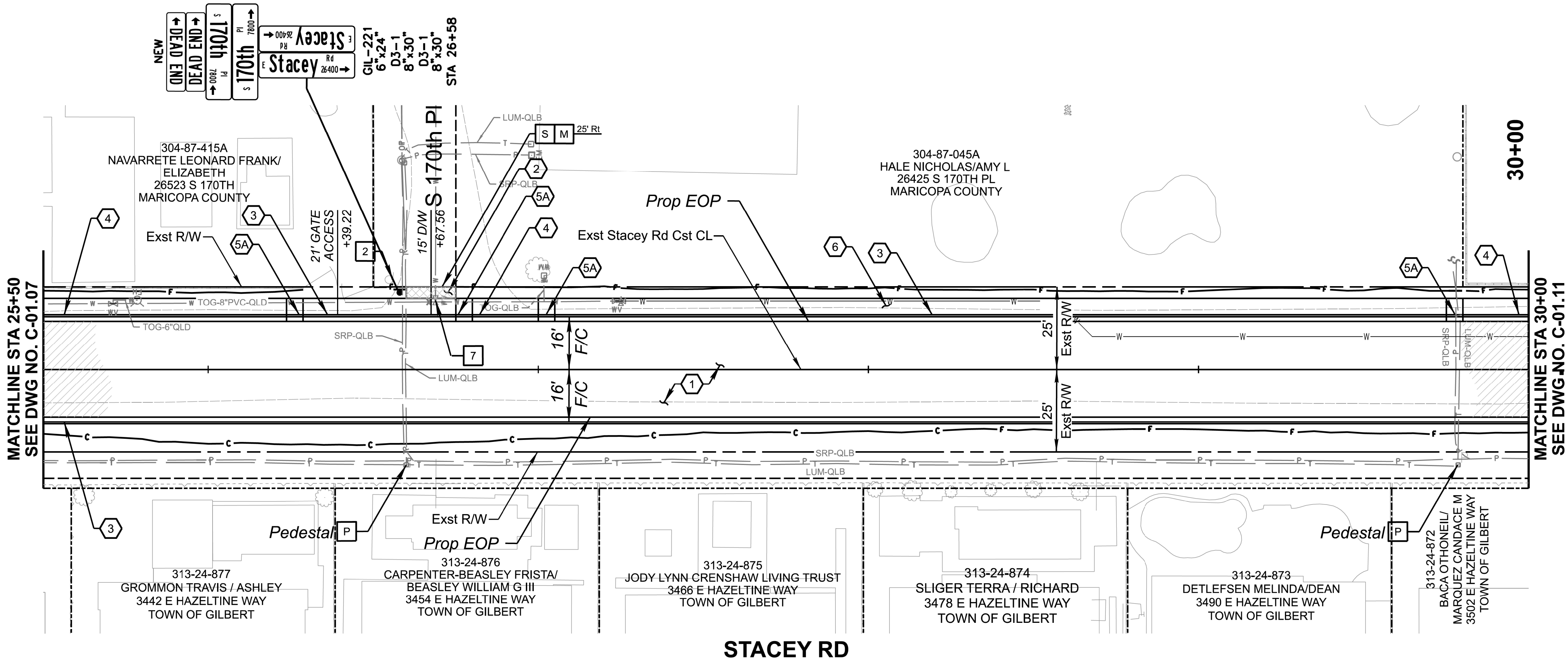
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DESIGN	AC	4/26
DRAWN	AR/VT	4/26
CHECKED	SMD	4/26

POINT ENGINEERS

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

STACEY RD
ROADWAY PROFILE
STA 21+00 TO STA 25+50

ROUTE	F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
MILEPOST		ARIZ.	000 MA GIL	GIL-0(219)T	19	42	
	LOCATION STACEY ROAD: HIGLEY RD EAST TO 172ND ST						DWG NO. C-01.08
STRUCTURE NO.	TRACS NO. T0423 01C						OF



REMOVAL / RELOCATION NOTES		
DESCRIPTION	QTY	UNIT
2 REMOVAL OF SIGNS *	1	EA
7 VALVE BOX (RESET FRAME AND COVER, MAG DET 391-1, TYPE C)	1	EA
* REMOVAL INCLUDES SIGN PANEL, POST AND FOUNDATION.		

CONSTRUCTION NOTES		
DESCRIPTION	QTY	UNIT
1 NEW AC PAVEMENT PER STRUCTURAL SECTION NO 1	1,450	SY
2 NEW CONCRETE PAVEMENT PER STRUCTURAL SECTION NO 2	6	SY
3 CONCRETE CURB AND GUTTER, TYPE C (MAG DET 220-1)	777	LF
4 CONCRETE CURB AND GUTTER, TYPE A (MAG DET 220-1)	122	LF
5A CONCRETE C&G TRANSITION PER MAG STD DET 221		NPI
6 CONCRETE SIDEWALK (MAG DET 230, 6")	2,250	SF

SIGNING NOTES		
DESCRIPTION	QTY	UNIT
SIGN POST (1 3/4IN SQUARE STEEL TUBING SIGN POST, GIL-227)	7.5	LF
SIGN POST (2IN SQUARE STEEL TUBING SIGN POST, GIL-227)	-	LF
FLAT SHEET ALUMINUM W/DIRECT APPLY OR SILK-SCREEN CHARACTERS	5	SF
SIGN POST (SIGN POST FOUNDATION, GIL-227)	1	EA

REFERENCE

P

PROTECT-IN-PLACE

R

REMOVE

S

SAWCUT

M

MATCH EXISTING

PSS 1

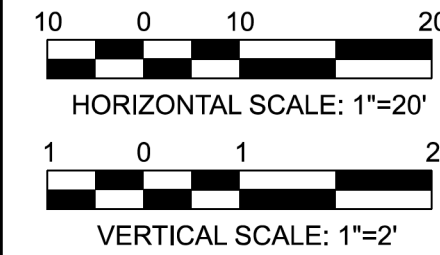
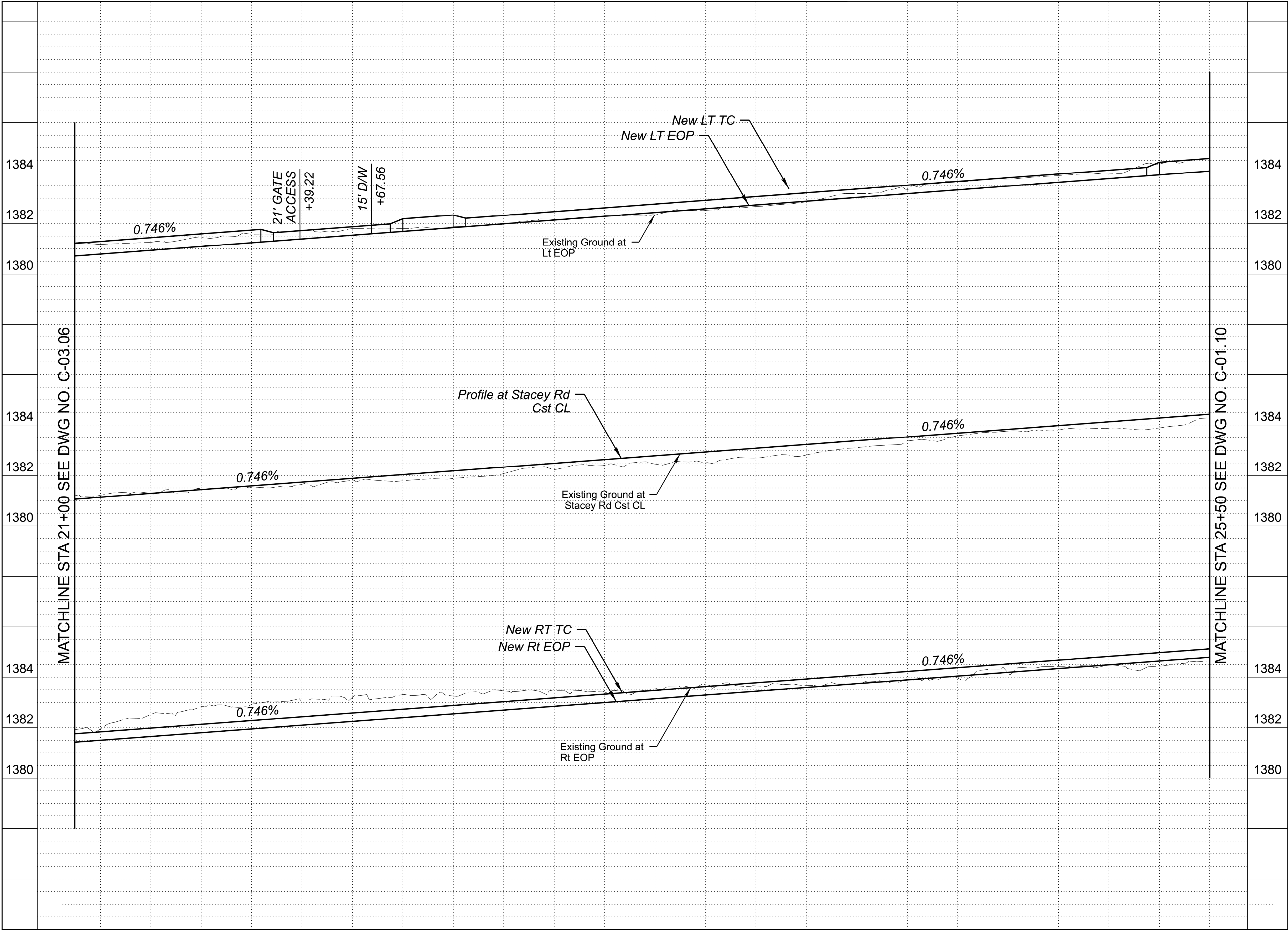
PSS 2

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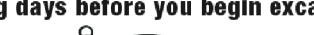
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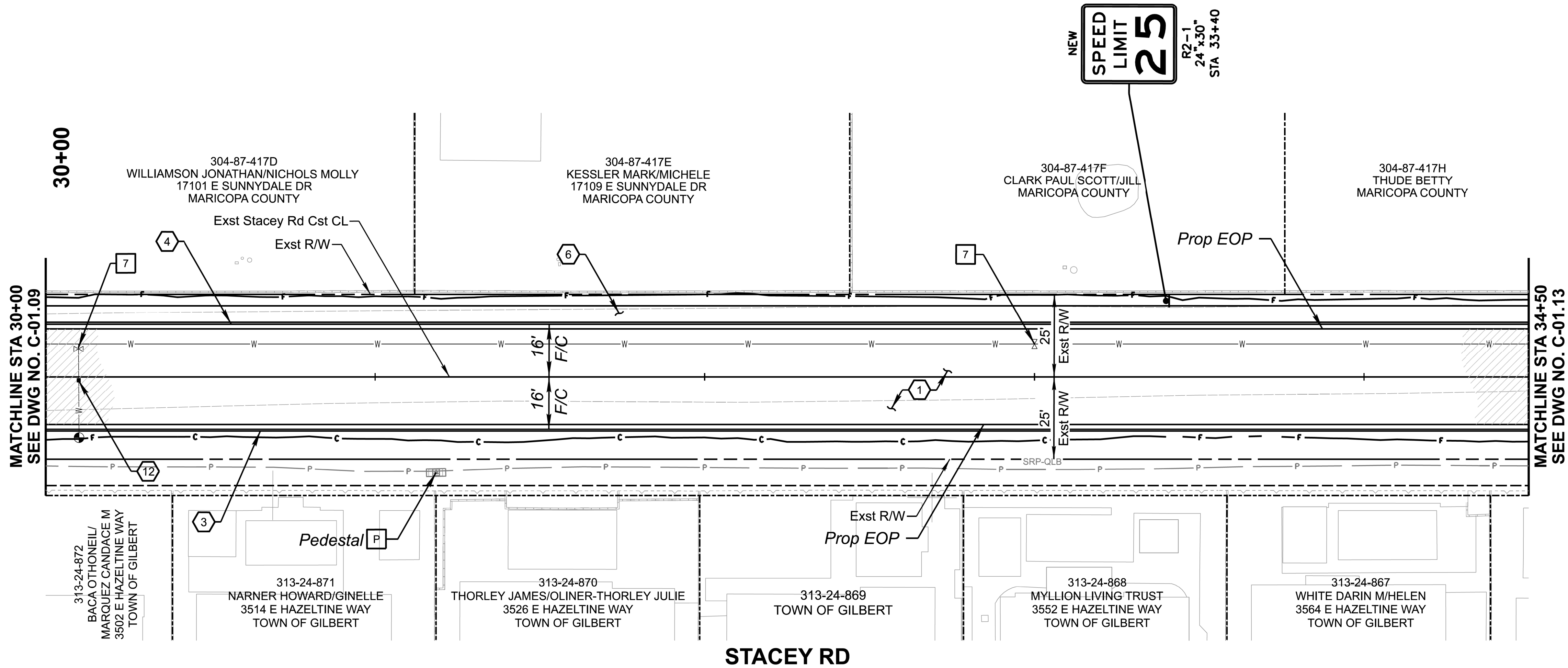
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VERTICAL SCALE: 1"=2'



REFERENCE

26+00				27+00				28+00				29+00				30+00				VERTICAL SCALE: 1"=2'																																
Contact Arizona 811 at least two full working days before you begin excavation  Call 811 or click Arizona811.com				 POINT ENGINEERS				<table><tr><td>DESIGN</td><td>AC</td><td>NAME</td><td>DATE</td></tr><tr><td>DRAWN</td><td>AR/VT</td><td></td><td>4/26</td></tr><tr><td>CHECKED</td><td>SMD</td><td></td><td>4/26</td></tr></table> ARIZONA DEPARTMENT OF TRANSPORTATION PROJECT DELIVERY AND OPERATIONS DIVISION ROADWAY DESIGN SERVICES STACEY RD ROADWAY PROFILE STA 25+50 TO STA 30+00				DESIGN	AC	NAME	DATE	DRAWN	AR/VT		4/26	CHECKED	SMD		4/26	<table><tr><td>ROUTE</td><td rowspan="4">F.H.W.A. Arizona Division</td><td>STATE</td><td rowspan="4">ARIZ.</td><td>PROJECT NO.</td><td>FEDERAL ID NO.</td><td>SHEET NO.</td><td>TOTAL SHEETS</td><td>RECORD DRAWING</td></tr><tr><td>MILEPOST</td><td>000 MA GIL</td><td>GIL-0(219)T</td><td>21</td><td>42</td><td></td></tr><tr><td>STRUCTURE NO.</td><td colspan="4">STACEY ROAD: HIGLEY RD EAST TO 172ND ST</td><td>DWG NO. C-01.10</td></tr><tr><td colspan="4">TRACS NO. T0423 01C</td><td colspan="2">___ OF ___</td></tr></table>		ROUTE	F.H.W.A. Arizona Division	STATE	ARIZ.	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING	MILEPOST	000 MA GIL	GIL-0(219)T	21	42		STRUCTURE NO.	STACEY ROAD: HIGLEY RD EAST TO 172ND ST				DWG NO. C-01.10	TRACS NO. T0423 01C				___ OF ___	
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TRACS NO. T0423 01C				___ OF ___																																																



REMOVAL / RELOCATION NOTES		
DESCRIPTION	QTY	UNIT
7 VALVE BOX (RESET FRAME AND COVER, MAG DET 391-1, TYPE C)	2	EA

CONSTRUCTION NOTES		
DESCRIPTION	QTY	UNIT
1 NEW AC PAVEMENT PER STRUCTURAL SECTION NO 1	1,450	SY
3 CONCRETE CURB AND GUTTER, TYPE C (MAG DET 220-1)	450	LF
4 CONCRETE CURB AND GUTTER, TYPE A (MAG DET 220-1)	450	LF
6 CONCRETE SIDEWALK (MAG DET 230, 6")	2,250	SF
12 PAVEMENT MARKER (TYPE, M TOG STD DET GIL-325).	1	EA

SIGNING NOTES		
DESCRIPTION	QTY	UNIT
SIGN POST (1 3/4IN SQUARE STEEL TUBING SIGN POST, GIL-227)	10	LF
SIGN POST (2IN SQUARE STEEL TUBING SIGN POST, GIL-227)	-	LF
FLAT SHEET ALUMINUM W/DIRECT APPLY OR SILK-SCREEN CHARACTERS	5	SF
SIGN POST (SIGN POST FOUNDATION, GIL-227)	1	EA

REFERENCE

P PROTECT-IN-PLACE

R REMOVE

S SAWCUT

M MATCH EXISTING

PSS 1

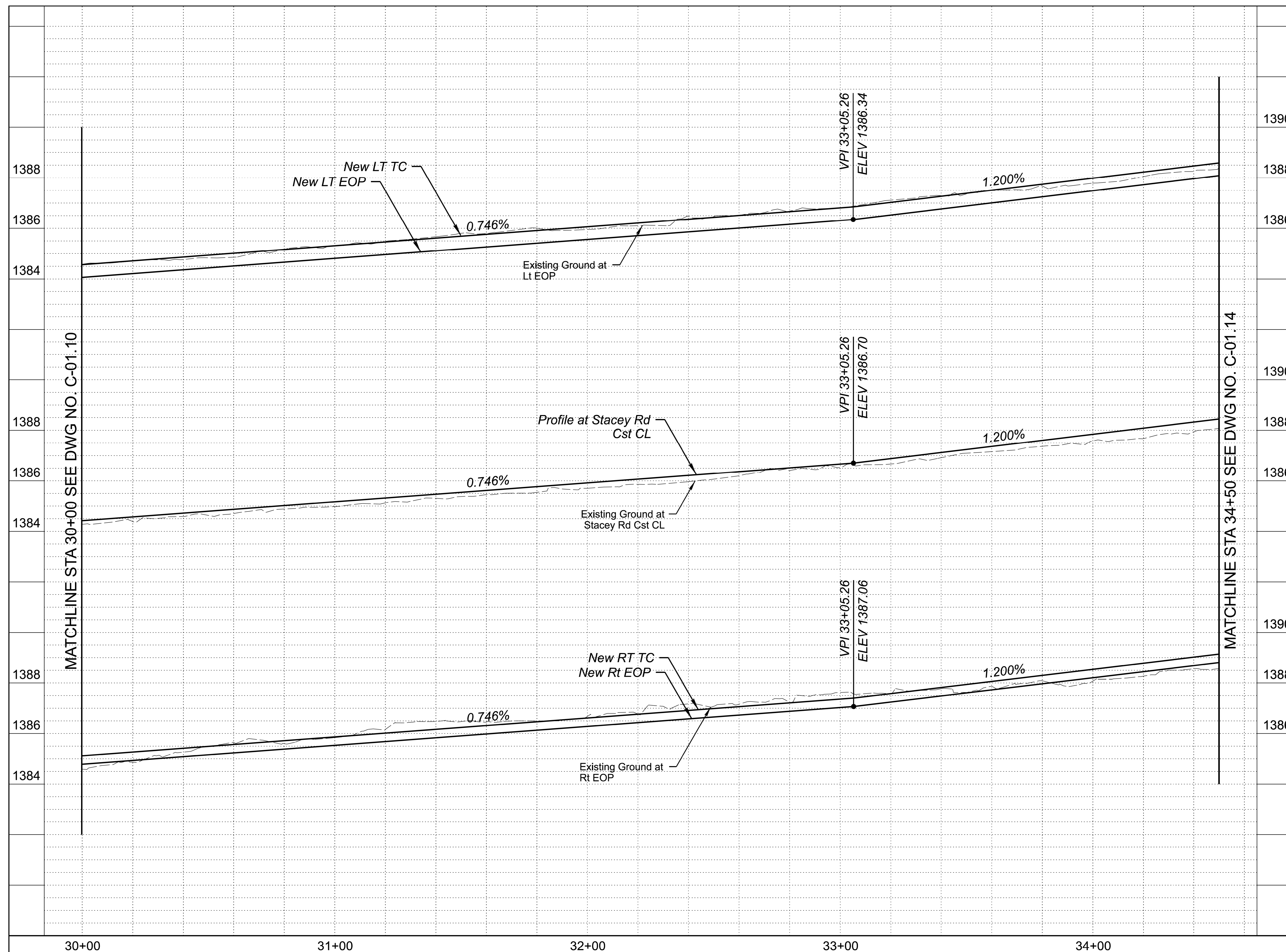
PSS 2

10 0 10 20

HORIZONTAL SCALE: 1"=20'

1 0 1 2

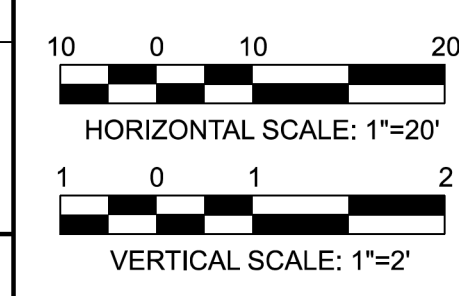
VERTICAL SCALE: 1"=2'



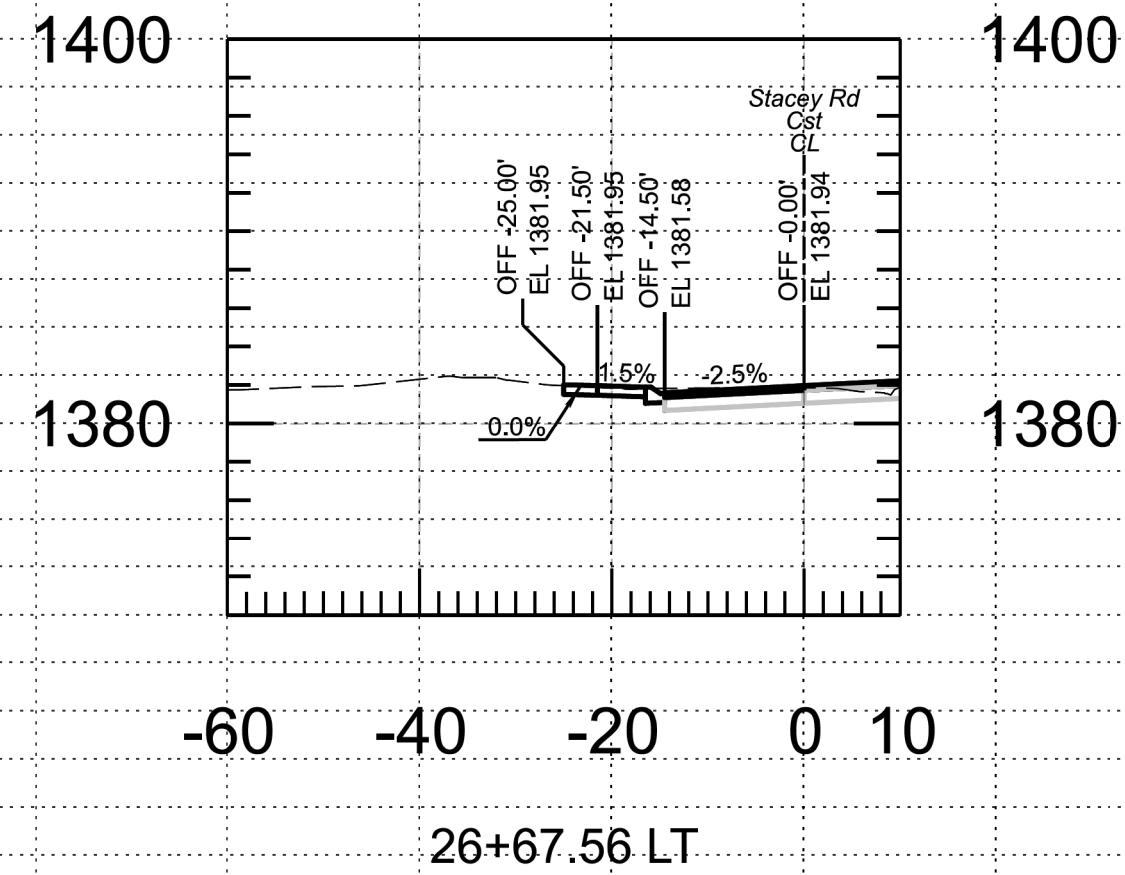
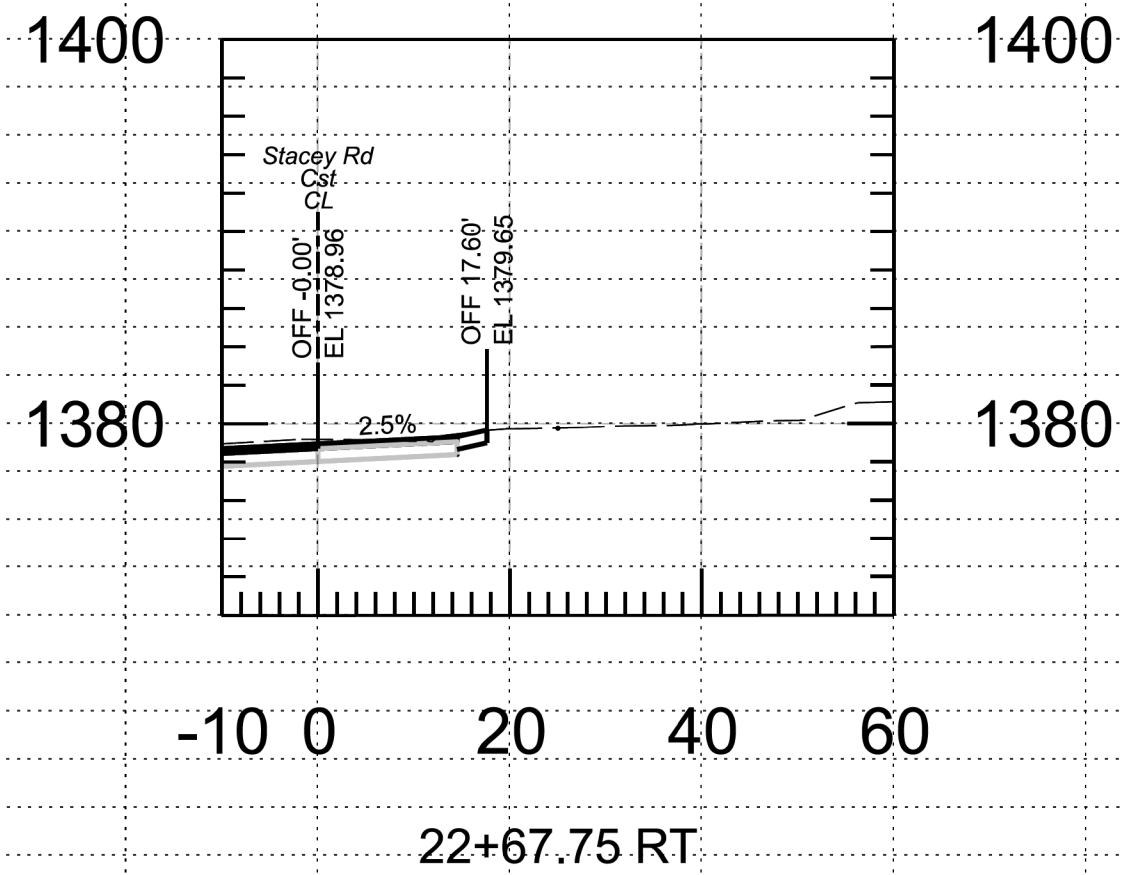
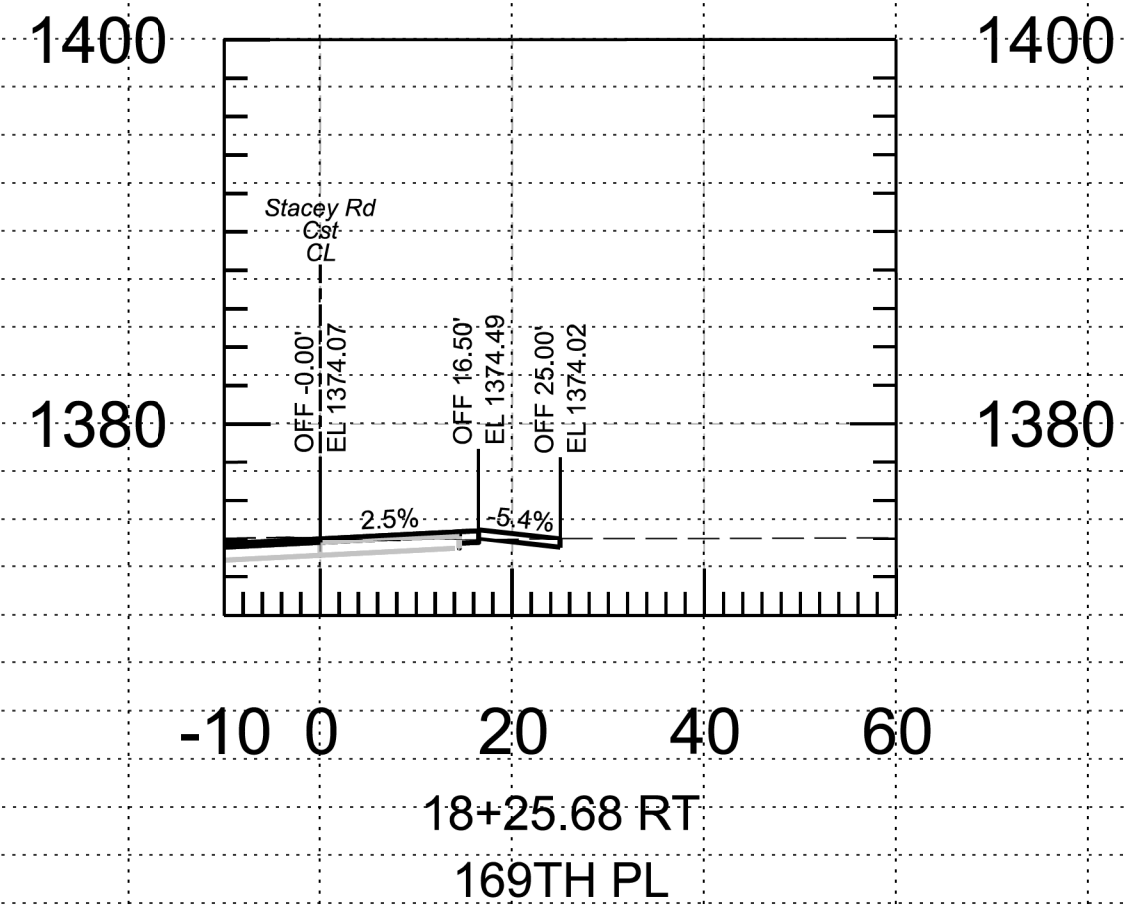
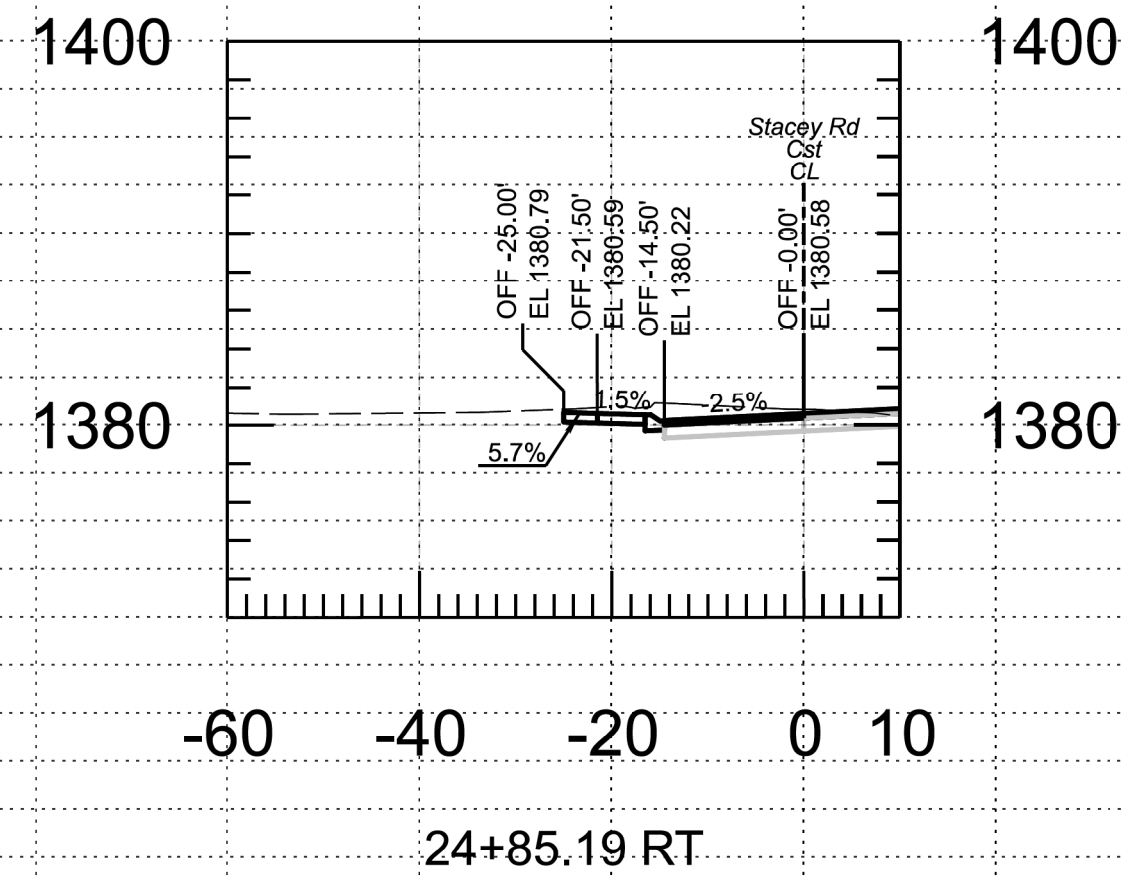
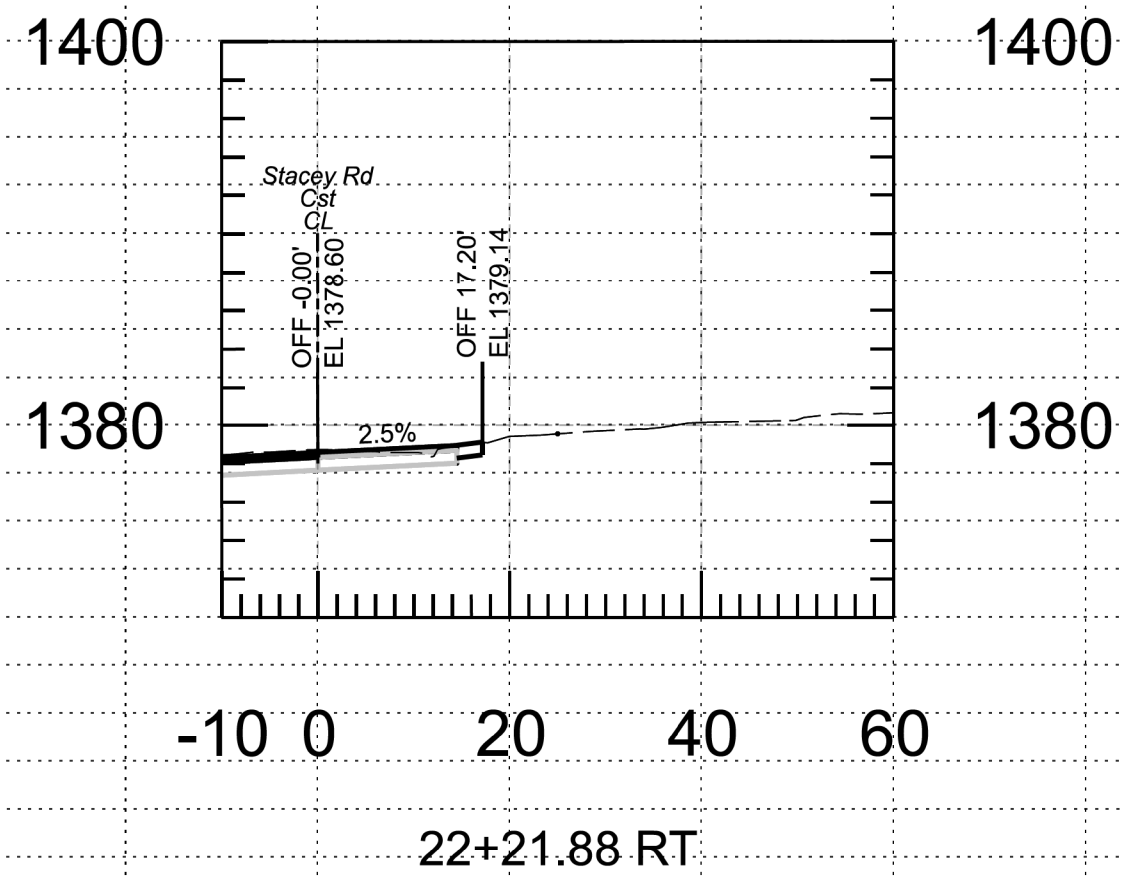
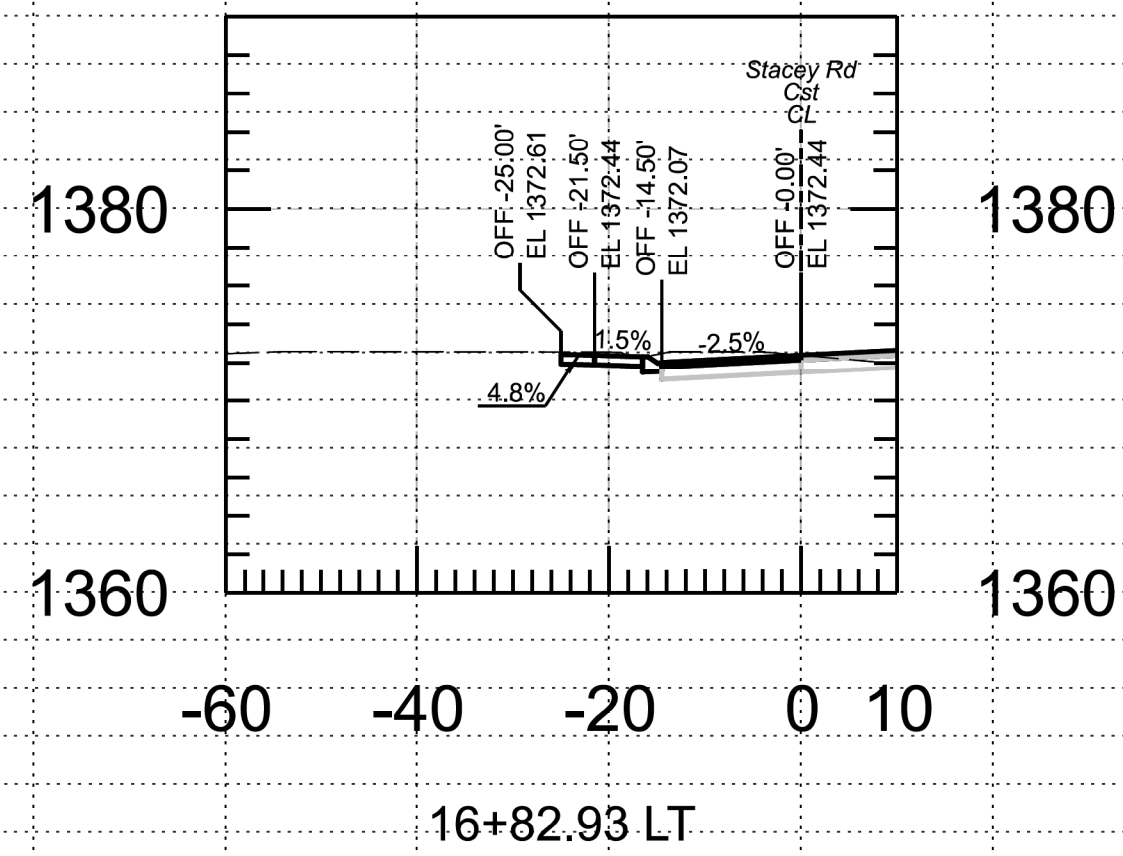
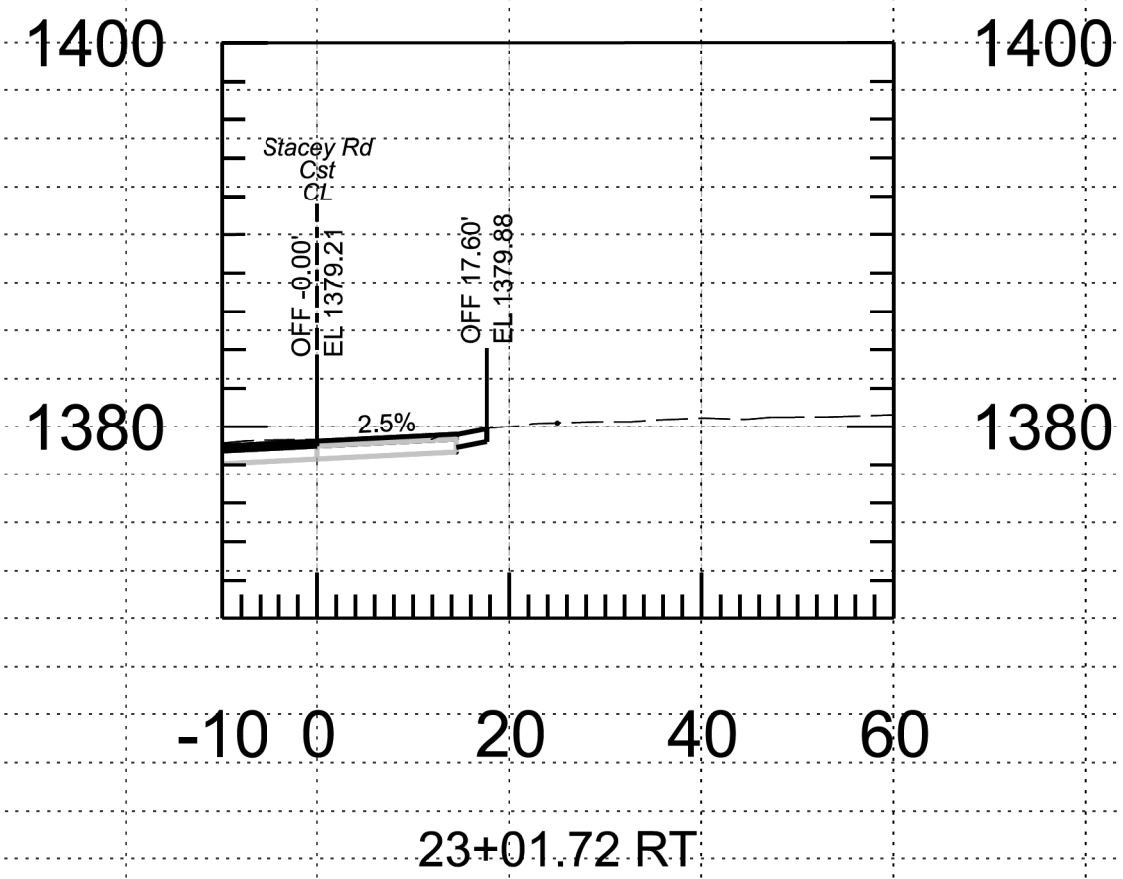
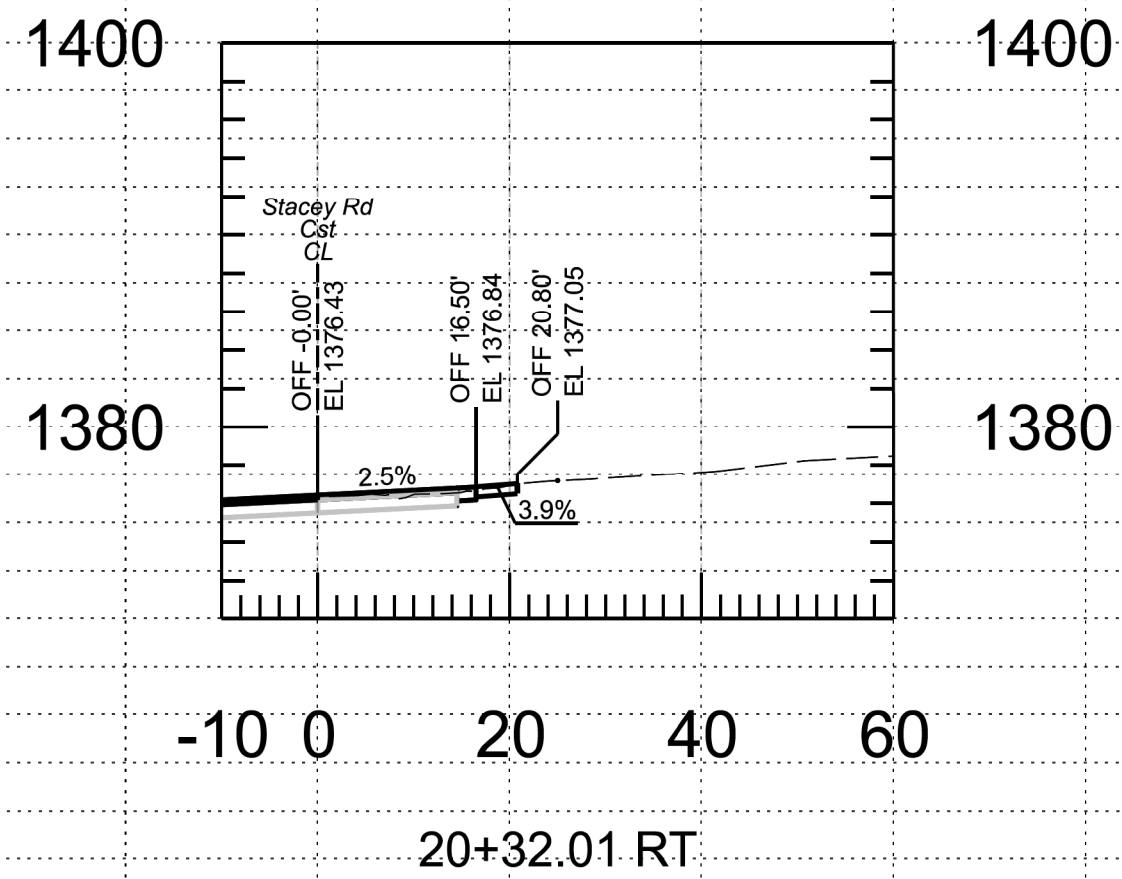
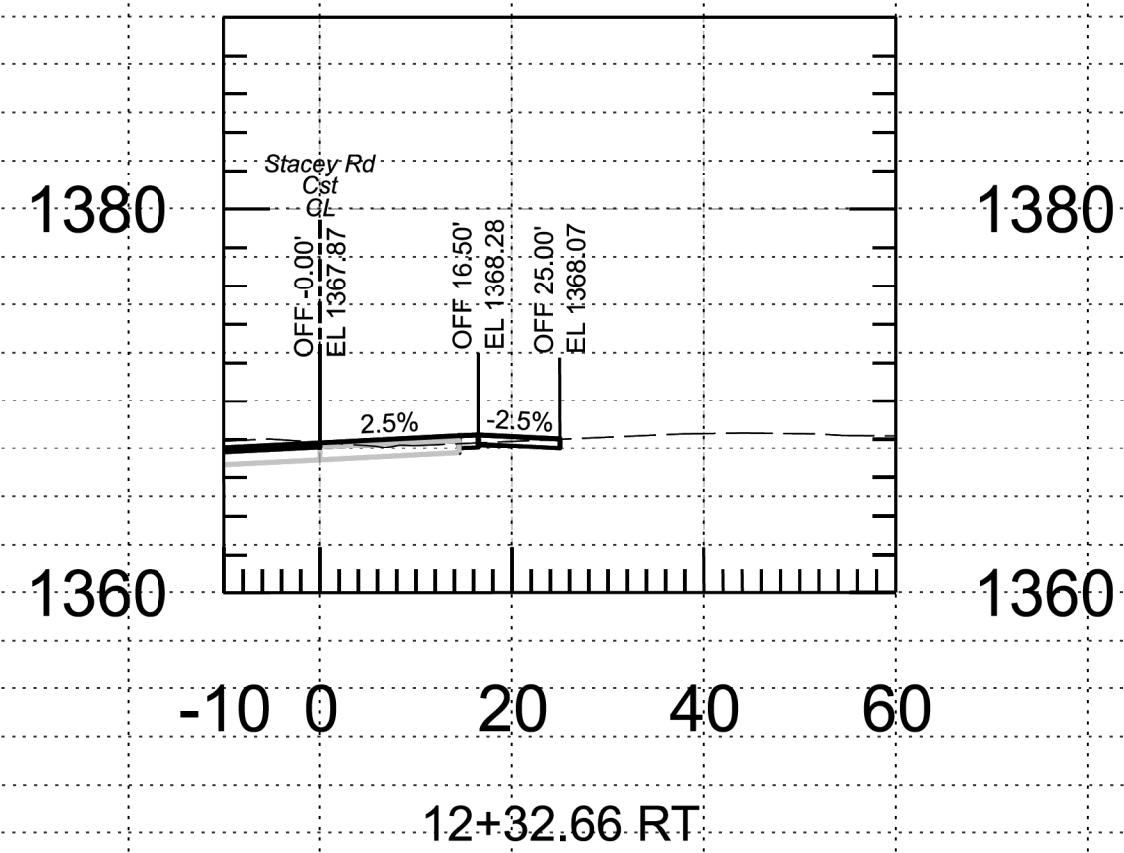
MATCHLINE STA 34+50 SEE DWG NO. C-01.14

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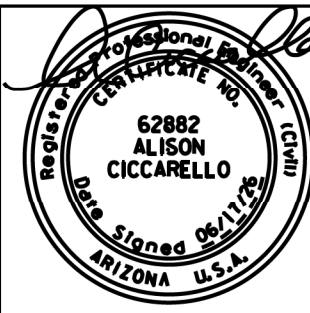
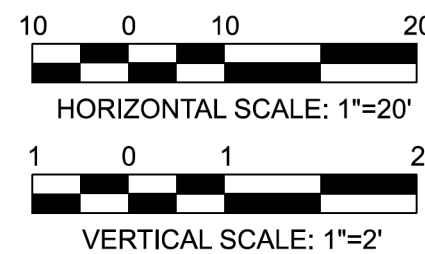
REFERENCE



Contact Arizona 811 at least two full working days before you begin excavation  ARIZONA811 CALL 811 OR CLICK ARIZONA811.COM		<table><tr><th></th><th>NAME</th><th>DATE</th></tr><tr><td>DESIGN</td><td>AC</td><td>4/26</td></tr><tr><td>DRAWN</td><td>AR/VT</td><td>4/26</td></tr><tr><td>CHECKED</td><td>SMD</td><td>4/26</td></tr></table>		NAME	DATE	DESIGN	AC	4/26	DRAWN	AR/VT	4/26	CHECKED	SMD	4/26	ARIZONA DEPARTMENT OF TRANSPORTATION PROJECT DELIVERY AND OPERATIONS DIVISION ROADWAY DESIGN SERVICES	<table><tr><td rowspan="2">ROUTE</td><td>STATE</td><td>PROJECT NO.</td><td>FEDERAL ID NO.</td><td>SHEET NO.</td><td>TOTAL SHEETS</td><td>RECORD DRAWING</td></tr><tr><td>ARIZ.</td><td>000 MA GIL</td><td>GIL-0(219)T</td><td>23</td><td>42</td><td></td></tr></table>	ROUTE	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING	ARIZ.	000 MA GIL	GIL-0(219)T	23	42	
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			STACEY RD ROADWAY PROFILE STA 30+00 TO STA 34+50	<table><tr><td rowspan="2">MILEPOST</td><td colspan="5">LOCATION STACEY ROAD: HIGLEY RD EAST TO 172ND ST</td><td>DWG NO. C-01.12</td></tr><tr><td colspan="5">TRACS NO. T0423 01C</td><td>___ OF ___</td></tr></table>	MILEPOST	LOCATION STACEY ROAD: HIGLEY RD EAST TO 172ND ST					DWG NO. C-01.12	TRACS NO. T0423 01C					___ OF ___												
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	NAME	DATE
DESIGN	AC	4/26
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CHECKED	SMD	4/26

POINT ENGINEERS

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

STACEY RD
DRIVEWAY PROFILES

ROUTE	F.H.W.A. Arizona Division	STATE	ARIZ.	PROJECT NO.	000 MA GIL	FEDERAL ID NO.	GIL-0(219)T	SHEET NO.	26	TOTAL SHEETS	42	RECORD DRAWING	
MILEPOST		LOCATION	STACEY ROAD: HIGLEY RD EAST TO 172ND ST								DWG NO. C-02.01		
STRUCTURE NO.		TRACS NO.	T0423 01C								___ OF ___		

SIGNING GENERAL NOTES

1. All signing shall conform to the requirements contained in the latest edition of the Manual on Uniform Traffic Control Devices (MUTCD) and Handbook, and the latest edition of the Arizona Supplement published by the Arizona Department of Transportation.
2. All signs shall be installed using 1-3/4 inch or 2 inch square tubing as per Town of Gilbert Standard Detail GIL-227.
3. Signs shall be secured to post using 3/8 inch x 2-1/2 inch plated hex head bolts with flat washers (2 each) and nylon stop nuts (3/8 inch x 2-3/4 inch plated hex bolts with 2 inch post). A nylon washer shall be placed next to sign face.
4. The contractor shall allow the concrete in the postholes to cure for at least 24-hours prior to standing the poles and hanging any signing.
5. The contractor shall ensure that at no time a traffic sign is installed in such a way as to be blocked by trees or any type of vegetation. In these cases, the contractor shall contact the Engineer to provide an alternative location for the installation of signing in question.
6. Any signing installed within the Town’s right-of-way shall be installed by an individual that has current certification in signing installation or inspection from American Traffic Saftey Services Association (ATSSA) or the International Municipal Signal Association (IMSA). Equivalents will be considered but must be submitted in writing to the Engineer 30-days prior to installation of any signing.

7. All signing will incorporate ASTM Type IV(High Intensity) sheeting as a minimum with the following exceptions
- All Warning signs (yellow series) shall be ASTM Type XI(fluorescent yellow sheeting).
 - All regulatory signs shall be ASTM Type XI sheeting.
 - Street Names Signs
 - Any arterial street intersection (all blades) shall be ASTM Type XI sheeting
 - All other intersections shall be ASTM Type IV sheeting
 - All overhead internaly illuminated street name signs shall be ASTM Type XI translucent sheeting
 - All School Area signing shall be ASTM Type XI sheeting (fluorescent yellow-green)

SIGNING LEGEND

S Higley Rd 26400 →

S Higley Rd 26400 ←

D3-1 8"x30" GREEN

E Stacey Rd 26400 →

E Stacey Rd 26400 ←

D3-1 8"x30" GREEN

E Stacey Rd 16800 ←

E Stacey Rd 16800 →

D3-1 12"x44" GREEN

S Hazeltine Wy 16800 →

S Hazeltine Wy 16800 ←

D3-1 8"x34" BLUE

S Bridalvail Dr

S Bridalvail Dr

D3-1 8"x30" BLUE

S 169th PI 26600 →

S 169th PI 26600 ←

D3-1 8"x30" BLUE

S 170th PI 7800 →

S 170th PI 7800 ←

D3-1 8"x30" BLUE

S 170th Wy 26500 →

S 170th Wy 26500 ←

D3-1 8"x30" BLUE

S 172nd St 7900 →

S 172nd St 7900 ←

D3-1 8"x30" GREEN

DEAD END →

← DEAD END

GIL-221 6"x24"

NO OUTLET →

← NO OUTLET

GIL-221 6"x24"

STOP

R1-1 36"x36"

SPEED LIMIT 25

R2-1 24"x30"

ARAMIREZ 6/29/2026 10:41:11 AM

P:\24106 - Stacey Rd\CADD\Sheets\Civil\T0423_IGN01.dgn \ Model Name: f0336ds01

TRAFFIC CONTROL NOTES:

1. All existing signs in conflict with the construction signs shall be removed relocated or covered in place at the contractor's expense and as directed by the Engineer. The contractor shall store and reinstall items which have been removed or relocated in a manner approved by the Engineer. The contractor shall replace any signing items disturbed by the contractor -- but not intended to be disturbed -- at the contractor's expense.
2. The retro-reflective sheeting on all construction signs shall meet criteria established in section 1007 of the Specifications and in section 380 of the ADOT Traffic Engineering Policies, Guidelines and Procedures.
3. All long-term (longer than 5 days) signing shown on the plans shall be mounted on embedded posts. Signs installed on embedded posts, sign mounting height is a minimum of 7 feet as measured from the bottom of the sign to the near edge of the pavement. All other short-term signs may be installed on spring stands at the height recommended by the spring stand manufacturer.
4. The nearest edge or corner of a sign shall be approximately 12 feet from the nearest edge of pavement for all signs mounted on embedded posts.
5. 2 Flags shall be mounted on top of all construction signs except the "End Road Work Thank You" sign.
6. Type A flashing warning lights shall be required on all nighttime construction signs except the "End Road Work Thank You" sign.
7. Type C steady-burning yellow lights shall be mounted on channelizing devices used during nighttime operations.
8. Channelizing devices shall be placed 40 feet o.c. in tapers and 80 feet o.c. on tangents, except as otherwise noted on the plans.
9. Construction signs shall not be displayed to traffic more than 24 hours prior to the actual start of construction. These signs may be installed sooner but they must be covered or turned away from traffic. The cost for covering or turning them shall be considered part of the sign installation cost. No further compensation will be made. These signs shall be removed within 24 hours after the completion of construction activities.
10. All construction signs shall have black letters on fluorescent orange background, except as otherwise noted.

11. Speed limit signing is preliminary and is subject to review and change by the Engineer and with ADOT Regional Traffic, as dictated by field conditions.
12. Where no closure is necessary but where there is construction alongside a roadway under construction, the contractor shall place a 48 x 48 inch "ROAD WORK AHEAD" and "SHOULDER WORK AHEAD" sign as directed by the Engineer to alert the public to the construction activities.
13. The contractor may substitute Type I barricades for Type II barricades as long as the reflective area on the top panel of each Type I barricades is equivalent or greater than the reflective area of a Type II barricade.
14. When traffic control devices are not in use, the contractor shall remove these items, including all supports without sign panels, to a location at least 30 feet from the edge of the paved roadway. Any signs which are not in use, but which cannot be moved at least 30 feet from the roadway shall be covered so that the public cannot read the signs.
15. The contractor shall utilize a flashing arrow panel in the sequential chevron mode for each closure of a through lane. The contractor shall not utilize a flashing arrow panel in connection with any shifting taper.
16. The traffic control plans represent a suggested method for traffic control during construction. The contractor may prepare another traffic control plan in accordance with Section 701 of the Specification. All traffic control plans are subject to the approval of the Engineer before beginning construction.
17. During holidays and weekends, lane closures are not permitted.
18. The contractor shall place Changeable Message Boards two weeks prior to the start of construction activities and for the duration of construction to alert traffic of the upcoming road restrictions. The message to be displayed shall be appropriate for each activity and shall be as directed by the Engineer. Cycle time and duration of Changeable Message Boards shall be such that the entire message can be read twice at the normal operating speed.
19. Barricades and other devices shall have sandbags placed on their bases, as appropriate to prevent them from being knocked down or blown over. The placement and removal of the sandbags shall be included in the cost for barricade and device placement. There is no direct payment for sandbags, the cost being included with the placement of traffic control devices.

APPROXIMATE TRAFFIC CONTROL QUANTITIES						
Item No.	Item Description	Unit	Activity			Total
			1	2	3	
	DURATION (Calendar Days)		145	23	108	
7016030	BARRICADE (TYPE 1, TYPE 2, VERT.PANEL, TUBULAR MARKER)	EACH-DAY	2900	667	3,132	6,699
7016033	PORTABLE SIGN STANDS (SPRING TYPE)	EACH-DAY		184	864	1,048
7016035	WARNING LIGHT (TYPE A)	EACH-DAY		138	864	1,002
7016037	WARNING LIGHT (TYPE C)	EACH-DAY	2900	667	3,132	6,699
7016052	TEMPORARY SIGN (10 S.F. OR MORE)	EACH-DAY		184	864	1,048
7016067	CHANGEABLE MESSAGE BOARD (CONTRACTOR FURNISHED)	EACH-DAY	290			290
7016082	FLAGGING SERVICES (LOCAL ENFORCEMENT OFFICER)(WITH AGENCY VEHICLE)	HOUR		150	350	500

Contact Arizona 811 at least two full working days before you begin excavation



Call 811 or click Arizona811.com



DESIGN	AC	NAME	DATE
DRAWN	AR/VT		6/26
CHECKED	SMD		6/26

POINT ENGINEERS

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

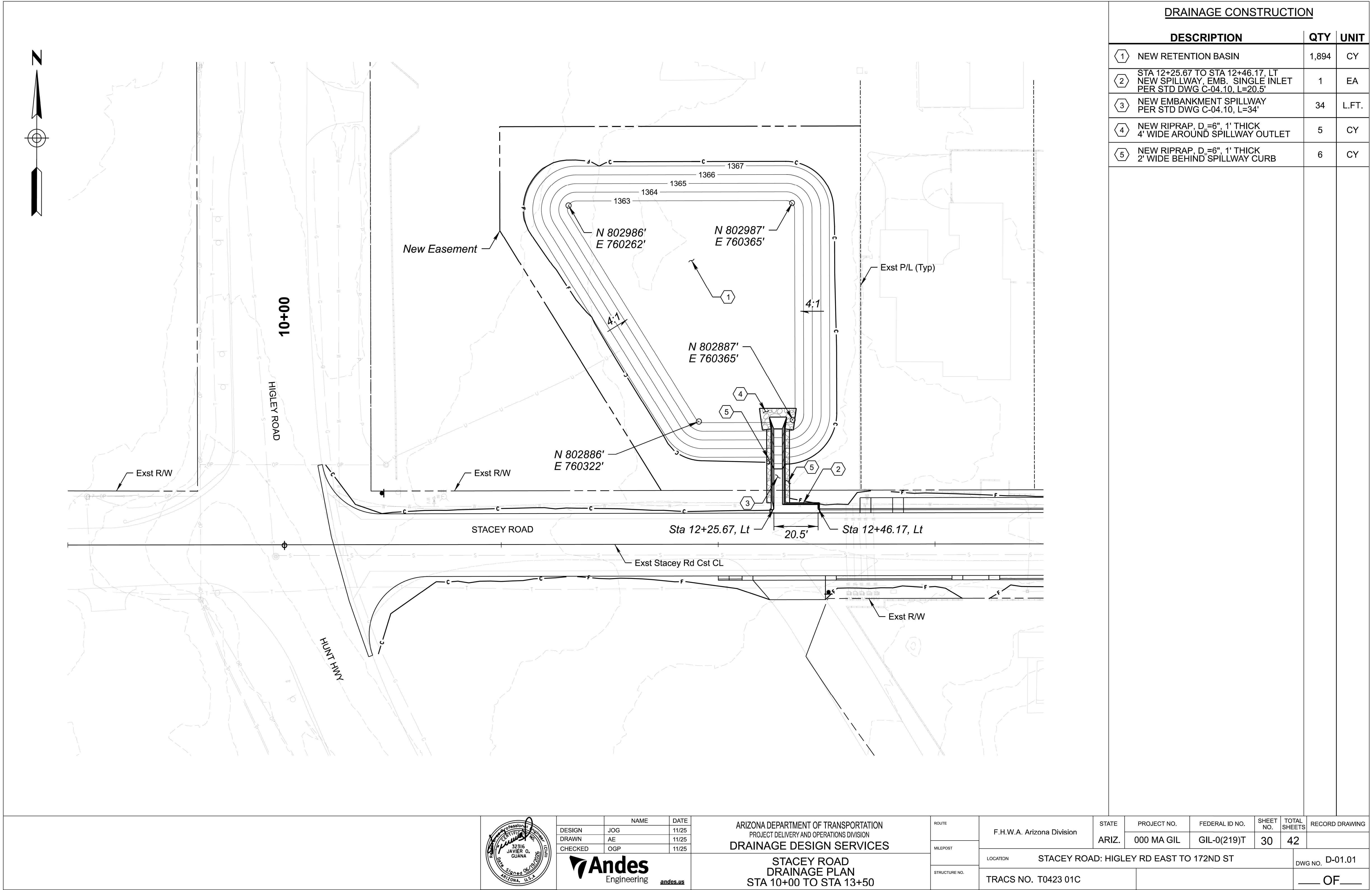
TRAFFIC CONTROL NOTES

ROUTE	F.H.W.A. Arizona Division	STATE	ARIZ.	PROJECT NO.	000 MA GIL	FEDERAL ID NO.	GIL-0(223)T	SHEET NO.	28	TOTAL SHEETS	42	RECORD DRAWING
MILEPOST	LOCATION STACEY ROAD: HIGLEY RD EAST TO 172ND ST										DWG NO. TC-01.01	
STRUCTURE NO.	TRACS NO. T0423 01C										___ OF ___	

CONSTRUCTION SEQUENCING

CONSTRUCTION ACTIVITY	TRAFFIC CONTROL	COMMENTS
Activity 1 Advance Signing	Maintain all existing travel lanes. Provide advance warning signs per Detail TC-A using MUTCD TA-4.	Temporary signs are to be placed on spring stands for the entire duration of the project.
Activity 2 -Waterline Construction -Storm Drain Construction	Maintain one lane in each direction with flaggers using MUTCD TA-10.	Advance warning signs shall be placed on spring stands.
Activity 3 -Remove AC, construct new curb & gutter, sidewalk, asphalt & driveway connections	Maintain one lane in each direction with flaggers using MUTCD TA-10.	Advance warning signs shall be placed on spring stands. For any closures on Higley Road or Hunt Highway the contractor shall reduce the speed limit from 40mph to 30mph for the duration of the activity.

Contact Arizona 811 at least two full working days before you begin excavation  Call 811 or click Arizona811.com		DESIGN	AC	6/26	ARIZONA DEPARTMENT OF TRANSPORTATION PROJECT DELIVERY AND OPERATIONS DIVISION ROADWAY DESIGN SERVICES	ROUTE	F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
		DRAWN	AR/VT	6/26		MILEPOST		ARIZ.	000 MA GIL	GIL-0(223)T	29	42	
		CHECKED	SMD	6/26		STRUCTURE NO.		LOCATION	STACEY ROAD: HIGLEY RD EAST TO 172ND ST				DWG NO. TC-01.02
		POINT ENGINEERS			CONSTRUCTION SEQUENCING		TRACS NO. T0423 01C		____ OF ____				



	NAME	DATE
DESIGN	JOG	11/25
DRAWN	AE	11/25
CHECKED	OGP	11/25

Andes
Engineering andes.us

ARIZONA DEPARTMENT OF TRANSPORTATION PROJECT DELIVERY AND OPERATIONS DIVISION DRAINAGE DESIGN SERVICES	ROUTE
STACEY ROAD DRAINAGE PLAN STA 10+00 TO STA 13+50	MILEPOST
	STRUCTURE NO.

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	000 MA GIL	GIL-0(219)T	30	42	
LOCATION STACEY ROAD: HIGLEY RD EAST TO 172ND ST						DWG NO. D-01.01
TRACS NO. T0423 01C						___ OF ___

CONTROL MEASURE INDEX SHEET (CMIS)

TO BE COMPLETED FOR PROJECT WITH ONE (1) ACRE OR MORE OF SOIL/GROUND DISTURBANCE Outside of Jurisdictional Waters of the U.S. (≥1 ACRE*)
* For projects that meet the definition of maintenance under AZPDES CGP, the permit threshold is five (≥ 5) Acres. Consult with ADOT EP Water Resources Management to define Jurisdictional Waters of the U. S.

I. PROJECT DESCRIPTION

A. Owner Name and Address:

Arizona Department of Transportation
205 South 17th Avenue
Phoenix, Arizona 85007-3213

B. Project TRACS Number: T0423 01C

C. Project Name/Location (be consistent with the plan set cover sheet): Stacey Rd: Higley Rd to 172nd St

City: Gilbert County: Maricopa

Beginning Latitude (NAD 83): 33°12'23.4"N

Beginning Longitude (NAD 83): 111°43'13.6"W

Ending Latitude (NAD 83): 33°12'23.3"N

Ending Longitude (NAD 83): 111°42'42.5"W

To obtain the project latitude/longitude data, refer to the Flash Earth web link below (Bing Maps with labels):

http://www.flashearth.com/

D. Project Description: Stacey Rd includes paving a previously unpaved local road. It includes waterline connections as well as curb and sidewalk improvements.

II. HYDROLOGIC INFORMATION

A. Percentage of the site that is impervious before and after construction:

Percentage before Construction: 14%

Percentage after Construction: 61%

B. Receiving Water(s), refer to the plan set cover sheet and the NHD Plus HR Availability Map Web Link below:

https://usgs.maps.arcgis.com/apps/MapTools/index.html?appid=41a5c2ca49bd4a83b239450e61022d53

(If unnamed, state as unnamed)
None

III. SOIL STABILIZATION MEASURES

- All disturbed soil, which will not be paved, ripped or otherwise covered to prevent erosion, will be revegetated and/or landscaped in accordance with the project plans and specifications.

IV. MEASURES TO CONTROL STORMWATER AND AIR QUALITY

A. Temporary Stormwater and Air Quality Control Measures (CMs) / Best Management Practices (BMPs)

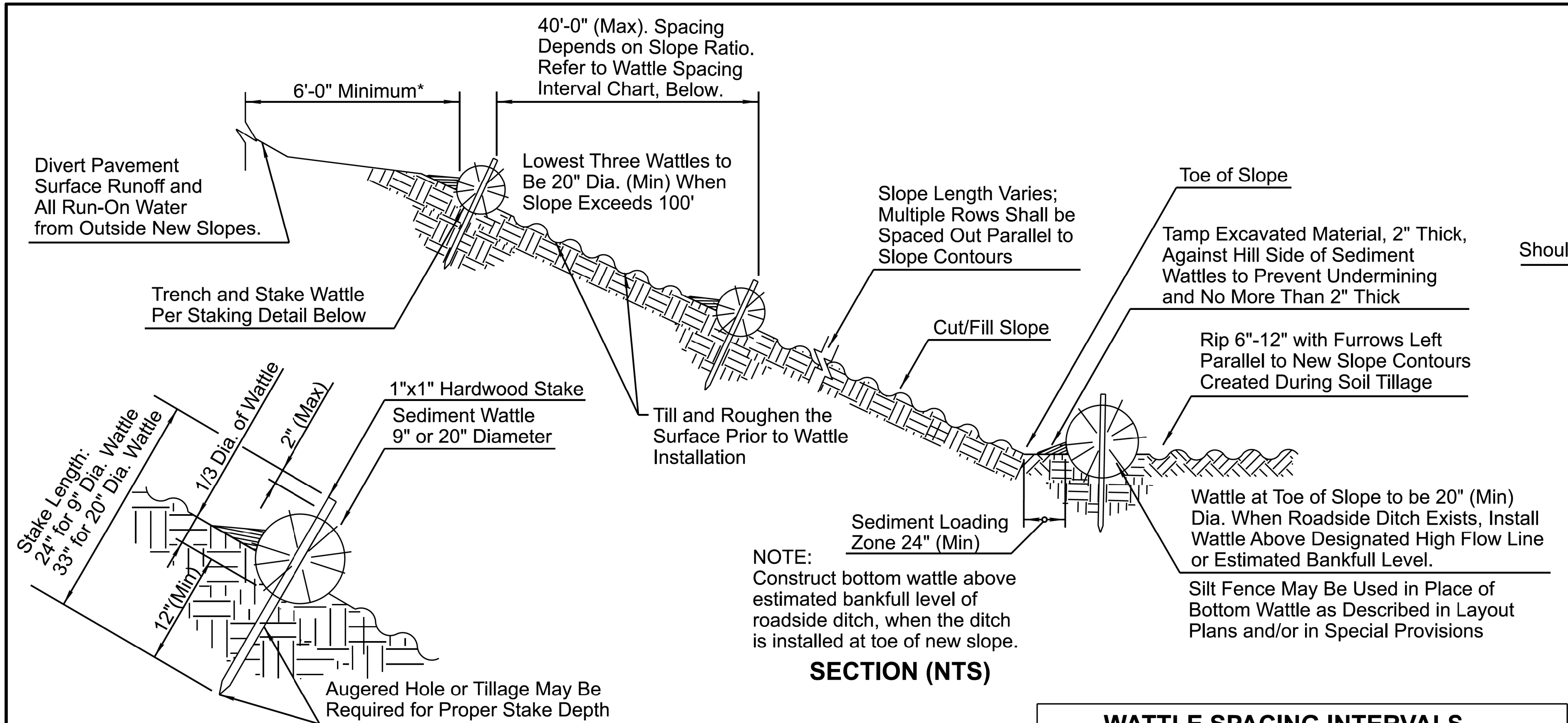
- Temporary Diversion Dikes
Temporary Rock Check Dams
Stabilized Construction Entrance/Exit Gravel Pad
Soil Stabilizer for Wind Erosion and Dust Control
Rock Inlet/Outlet Protection
Sediment Control Berms
Silt Fences
Wattles (Excelsior/Straw/Compost)
Excelsior Logs / Sediment Logs
Erosion Control Mattings
Seeding (Class II with final mulch cover)
Gravelbag
Catch Basin Temporary Fabric Filter
Designated Washout Areas
Protected Chemical and Material Storage Area
Equipment Maintenance Procedures
Others Describe:

B. Permanent and Post-construction Stormwater and Air Quality Control Measures (CMs) / Best ManagementPractices (BMPs):

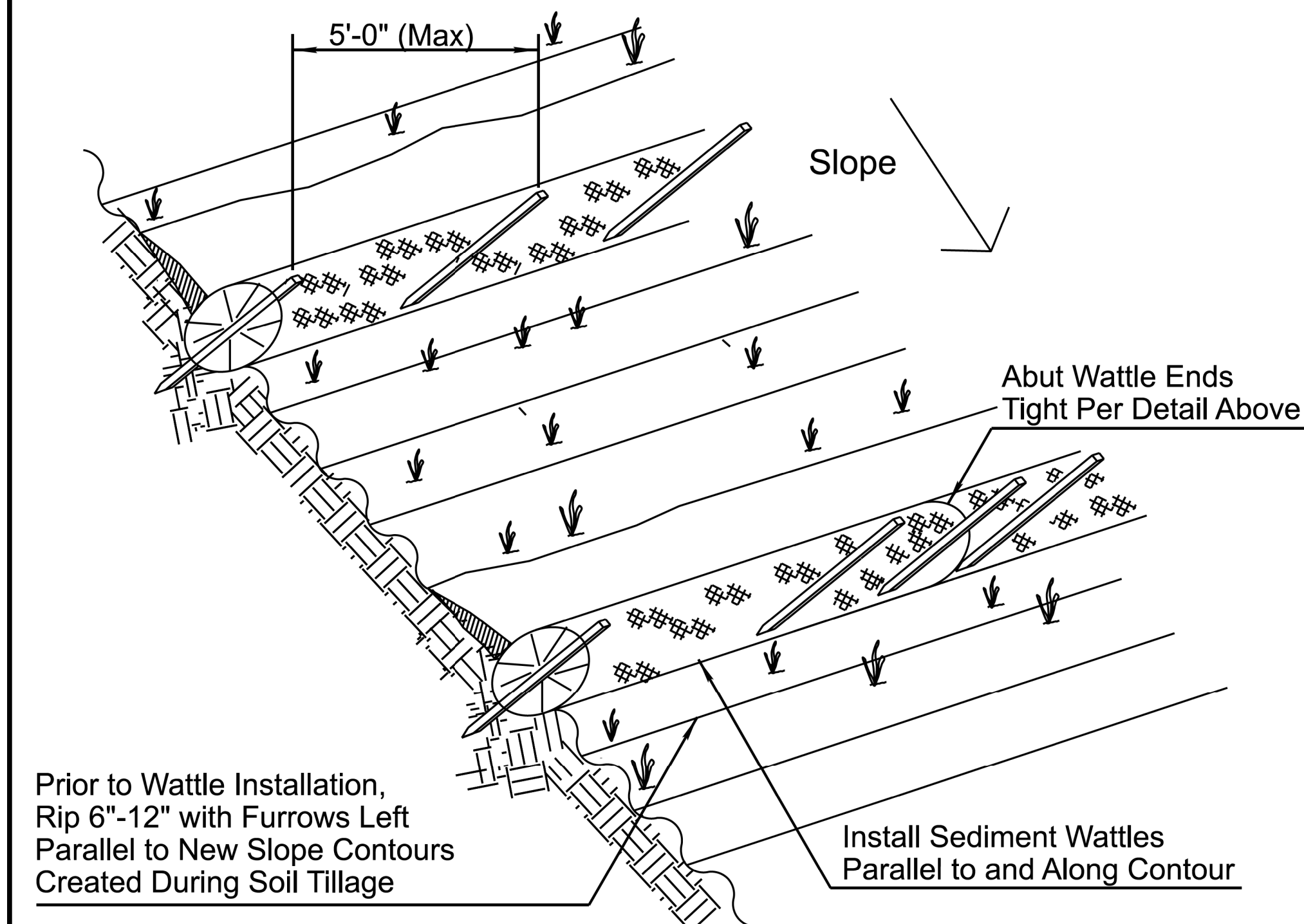
- Crown Ditch/Dike
Rock Protection
Rock Riprap Channel Lining
Sediment Basin
Embankment Curb
Spillways
Downdrains
Minibenching
Solid Waste Management
**Rock-filled Stormwater Infiltration CM/BMP as Infiltration Basin and/or Trench
**Filtration Structures
**Infiltration Basin and/or Trench
**Retention and/or Detention Basins
**Bioretention
**Manufactured Treatment Devices
Seeding established as a perennial vegetative cover with a density of 70% of the native background vegetative cover.
Others Describe:

** Track and report to ADOT EP Water Resources Management: ADOTWater@azdot.gov

Contact Arizona 811 at least two full working days before you begin excavation  Call 811 or click Arizona811.com		DESIGN	AC	NAME	DATE	ARIZONA DEPARTMENT OF TRANSPORTATION PROJECT DELIVERY AND OPERATIONS DIVISION ROADSIDE DEVELOPMENT SECTION	ROUTE	F. H. W. A. Arizona Division	STATE ARIZ.	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING	
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		CHECKED	SMD		6/26										
		POINT ENGINEERS					CONTROL MEASURE INDEX SHEET								
								LOCATION	STACEY ROAD: HIGLEY RD EAST TO 172ND ST					DWG NO.	EC-01.01
								TRACS NO.	T0423 01C					___ OF ___	



SEDIMENT WATTLE STAKING
DETAIL (NTS)

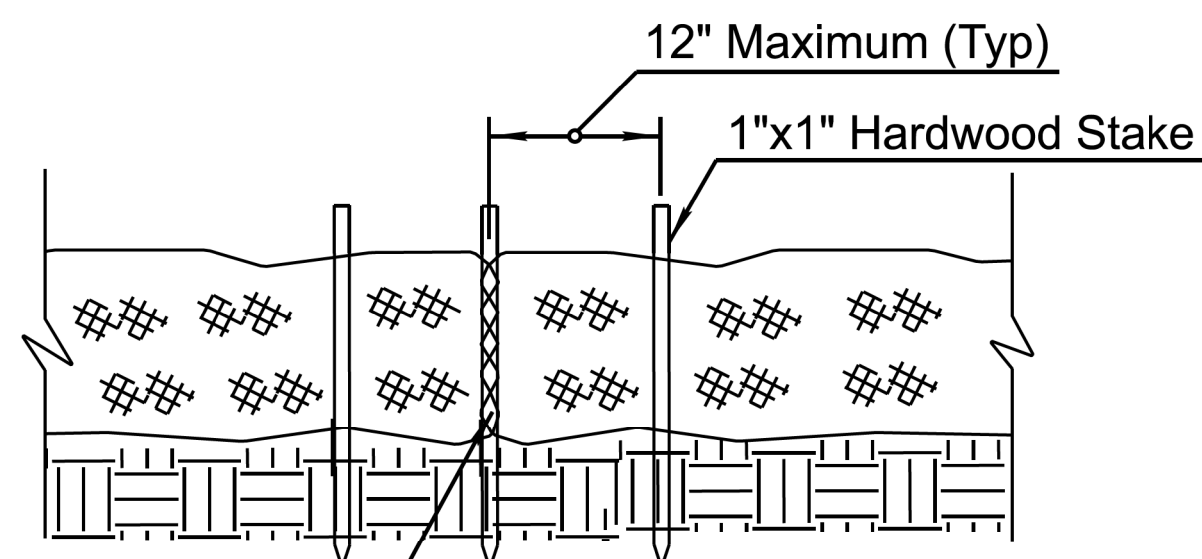


SEDIMENT WATTLE
LAYOUT (NTS)

SECTION (NTS)

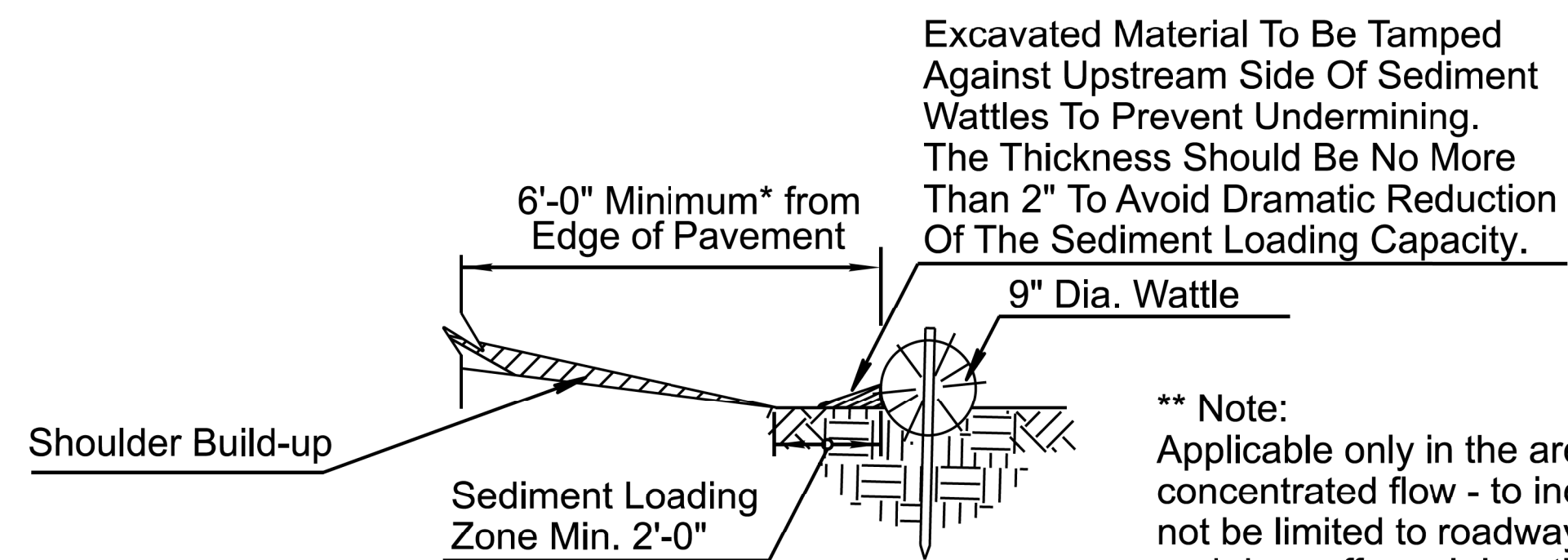
WATTLE SPACING INTERVALS	
Slope Ratio (H:V)	Maximum Spacing Interval
2:1	10'
3:1	20'
4:1	30'
5:1	40'
6:1	40'

- * Notes:
- 1) Top Row Shall Not be Placed within 6'-0" of Edge of Pavement and 9'-0" from Outside Surface of Barrier.
 - 2) For erosive soils, place rows of wattles closer together.
 - 3) For soils with low erosive potential, place rows of wattles further apart.



Abut Wattle Ends Tight,
No Gaps. Wood Stake to
Penetrate Netting Only.

SEDIMENT WATTLE
OVERLAP (NTS)

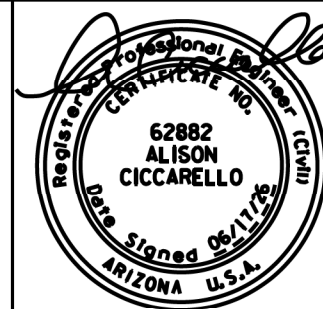


NEW SHOULDER BUILDUP **
PROTECTION SECTION (NTS)

NOTES:

1. Install Sediment Wattles as slopes are constructed to grade or as directed by the Engineer. Select, install and maintain in conformance with manufacturers' specifications to meet site conditions for slope protection and in accordance with good engineering practices. No Sediment Wattles shall be installed in urban freeway medians, nor where cable barrier systems are employed.
2. Sediment Wattles shall be in continuous contact with trench bottom and sides. Do not overlap wattle ends on top of each other. A 20" Dia. wattle may be made from 2-3 rolled excelsior or straw blankets.
3. Butt adjoining wattles tightly against each other. Drive the first end stake of the second wattle at an angle toward the first wattle to help abut them tightly.
4. Repair any rills or gullies promptly. Make field adjustments and corrections of Wattle CM/BMP immediately if it is causing flooding, erosion, and/or affecting roadway safety.
5. Construction of cut slopes 2:1 and steeper in soil and rock materials that can be ripped shall be constructed, whenever possible, by Minibenching. Refer to Slope Minibenching CM/BMP Detail.
6. Loosening surface soil is not required where Minibenchches are used. For seeded areas, tillage shall be performed to form minor ridges and furrows parallel to new slope contours and as specified in Section 805 of the Specifications and these project special provisions. Divert and direct run-on water from outside of the slopes to the spillways and/or rock riprap/rock mulch. Diversion dikes and/or ditches are necessary on natural undisturbed slopes beyond the top limits of new slopes to divert run-on water.
7. Installation and maintenance of Sediment Wattle CMs/BMPs shall not negatively impact traffic safety, nor the designed function of roadway or bridge drainage facilities.
8. Install and maintain Sediment Wattle CMs/BMPs to carry the stormwater of at least 2-year, 24-hour events.
9. The Sediment Wattle CM/BMP's pay/bid item shall include all materials used for this CM/BMP: all ground preparation, furnishing, installing, maintenance, final removal, and disposal of this temporary CM/BMP, as well as returning the area to an acceptable condition as approved by the Engineer.
10. Refer to Specification Section 810-2.06(C) for Sediment Wattle material specifications.
11. Make field adjustments and corrections to ensure NO sensitive biological resources (native species / habitats) will be adversely impacted.

DETAIL **ES1**
SEDIMENT WATTLE



	NAME	DATE
DESIGN	AC	6/26
DRAWN	AR/VT	6/26
CHECKED	SMD	6/26

POINT ENGINEERS

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADSIDE DEVELOPMENT SECTION

EROSION CONTROL DETAILS

ROUTE	F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
MILEPOST	ARIZ.	000 MA GIL	GIL-0(223)T	32	42		
STRUCTURE NO.	LOCATION STACEY ROAD: HIGLEY RD EAST TO 172ND ST					DWG NO. EC-02.01	
	TRACS NO. T0423 01C					___ OF ___	



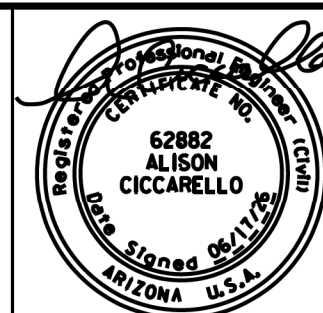
1. Install nonwoven fabric when water is applied for construction vehicle/equipment cleaning on Gravel Pad.
2. Edge treatment trenching and nonwoven fabric shall not be required if NO wash water is used for vehicle/equipment cleaning.
3. The depth of Gravel Pad varies from 6" to 12" based on the necessities of construction vehicle/equipment as per the approval of the Engineer.



1. Install Stabilized Construction Entrance/Exit Gravel Pad CM/BMP for traffic entering or exiting a construction site where sedimentation, clay, silt or other pollutants can be tracked onto public roads and/or adjacent water bodies, as approved by the Engineer. It may also be applied for construction entrance/exit wind erosion/dust control, as approved by the Engineer.
2. Locate new Construction Entrance(s)/Exit(s) at appropriate project entrance(s)/exit(s) as determined in field with the approval of the Engineer. Relocate Stabilized Construction Entrance/Exit Gravel Pad CM/BMP as needed as project progresses. Replace Rock Mulch materials in drive paths when dirt or mud accumulates.
3. Nonwoven Very High Survivability Fabric shall conform to the standards of Sub-section 1014-4.04 of the Specifications.
4. Rock Mulch materials shall be fractured/crushed rocks in angular shape and as defined in the Sub-section 810-2.03 of the Specifications. Natural river-run materials, especially rounded natural river rocks are not acceptable.
5. Make field adjustments and corrections of Construction Entrance/Exit Gravel Pad CM/BMP immediately if it is causing flooding and/or affecting roadway safety.
6. When paid separately, the Stabilized Construction Entrance/Exit Gravel Pad CM/BMP's pay/bid item shall include all materials used for this CM/BMP: all ground preparation, furnishing, installing, final removal, and disposal of this temporary BMP, as well as returning the area to an acceptable condition as approved by the Engineer.
7. * Fence/barricade pay/bid item shall not be included as a component of the Stabilized Construction Entrance/Exit Gravel Pad CM/BMP pay/bid item.
8. Make field adjustments and corrections to ensure NO sensitive biological resources (native species / habitats) will be adversely impacted.

DETAIL ES2

STABILIZED CONSTRUCTION ENTRANCE/EXIT GRAVEL PAD



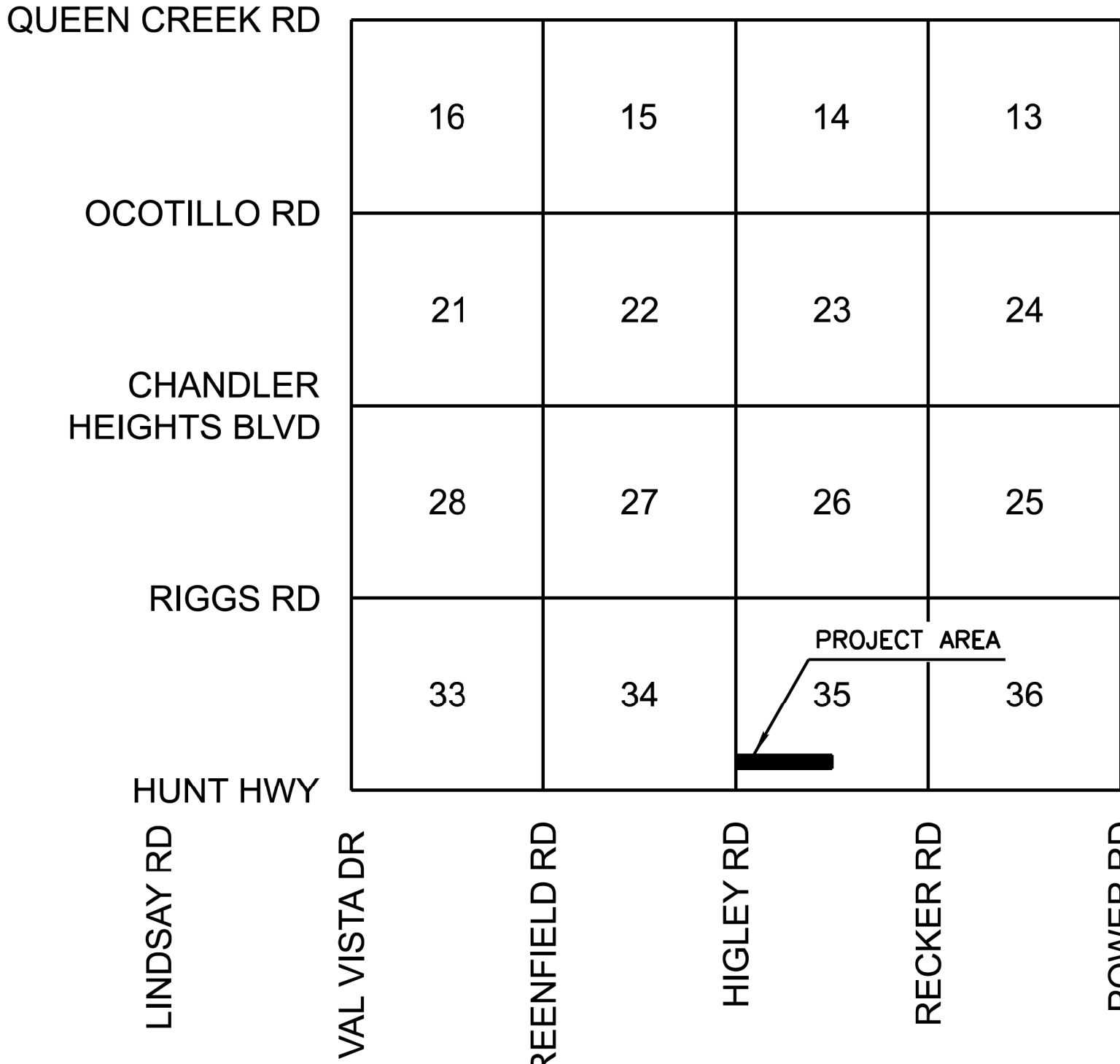
	NAME	DATE
DESIGN	AC	6/26
DRAWN	AR/VT	6/26
CHECKED	SMD	6/26

POINT ENGINEERS

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADSIDE DEVELOPMENT SECTION

EROSION CONTROL DETAILS

ROUTE	F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
MILEPOST		ARIZ.	000 MA GIL	GIL-0(223)T	33	42	
	LOCATION STACEY ROAD: HIGLEY RD EAST TO 172ND ST						DWG NO. EC-02.02
STRUCTURE NO.	TRACS NO. T0423 01C						OF



VICINITY MAP
TOWNSHIP 2S, RANGE 6E
(NTS)

TOWN OF GILBERT

IMPROVEMENT PLANS FOR

STACEY RD

HIGLEY RD TO 172ND ST

WATERLINE IMPROVEMENTS

PWS 04-07-092

BENCHMARK

COORDINATE SYSTEM: ARIZONA STATE PLANE, NAD83 (2011) AZ CENTRAL ZONE SCALED TO GROUND
BY 1000.155 ABOUT THE CARTESIAN ORIGIN N=0.0, E=0.0

BASIS OF BEARINGS: NORTH 88°42'17" EAST, BETWEEN NGS POINTS BIG MAX AND 2EM1

BASIS OF HORIZONTAL & VERTICAL CONTROL: AN NGS BRASS CAP BEING "BIG MAX", HAVING AN ELEVATION OF 1513.20 NAVD
88 VERTICAL DATUM

A STAINLESS STEEL ROD IN HAND HOLE NGS ID "2EM1" HAVING
AN ELEVATION OF 1443.60 (PUBLISHED) and 1446.42 (OBSERVED)
NAVD 88 VERTICAL DATUM

MAYOR
SCOTT ANDERSON

VICE MAYOR
CHUCK BONGIOVANNI

TOWN COUNCIL
KENNY BUCKLAND
BOBBI BUCHLI
YUNG KOPROWSKI
MONTE LYONS
JIM TORGESON

TOWN ENGINEER
SUSANNA STRUBLE, P.E.

APPROVALS

Signed by:
Susanna Struble
37060001F02348B...

TOWN ENGINEER

6/29/2026

DATE

Qingyun Ping

MARICOPA COUNTY ENVIRONMENTAL
SERVICES DEPARTMENT

DWR2600164 06/25/2026

ATC NO DATE

RECORD DRAWING CERTIFICATION

I HEREBY CERTIFY THAT THE "RECORD DRAWING" MEASUREMENTS AS SHOWN
OR NOTED HEREON WERE MADE BY MYSELF OR UNDER MY SUPERVISION
AND ARE CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

SIGNATURE

DATE

OWNER

TOWN OF GILBERT
90 E CIVIC CENTER DRIVE
GILBERT, AZ 85234
ATTN: Scott Omer
PH: 602-879-1937

EMAIL: scott.omer@gilbertaz.gov

ENGINEER

POINT ENGINEERS
7600 N 16TH ST STE 202
PHOENIX, AZ 85020
PH: 602-814-0713

UTILITY & AGENCY CONTACT LIST

CATV, FIBER OPTICS	COX COMMUNICATIONS	Jacob Horsman	480-869-1978
COAX, FIBER OPTICS	LUMEN	Kevin Wagner	815-245-9640
POWER	SRP	Jason Hughes	602-236-0886
WATER DISTRIBUTION	TOWN OF GILBERT	Manuel Sanchez	480-589-4985
WASTEWATER	TOWN OF GILBERT	Ken Snow	480-861-7341



	NAME	DATE
DESIGN	AC	6/26
DRAWN	AR/VT	6/26
CHECKED	SMD	6/26

POINT ENGINEERS

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

ROUTE

F.H.W.A. Arizona Division

STATE

ARIZ.

PROJECT NO.

000 MA GIL

FEDERAL ID NO.

GIL-0(223)T

SHEET NO.

34

TOTAL SHEETS

42

RECORD DRAWING

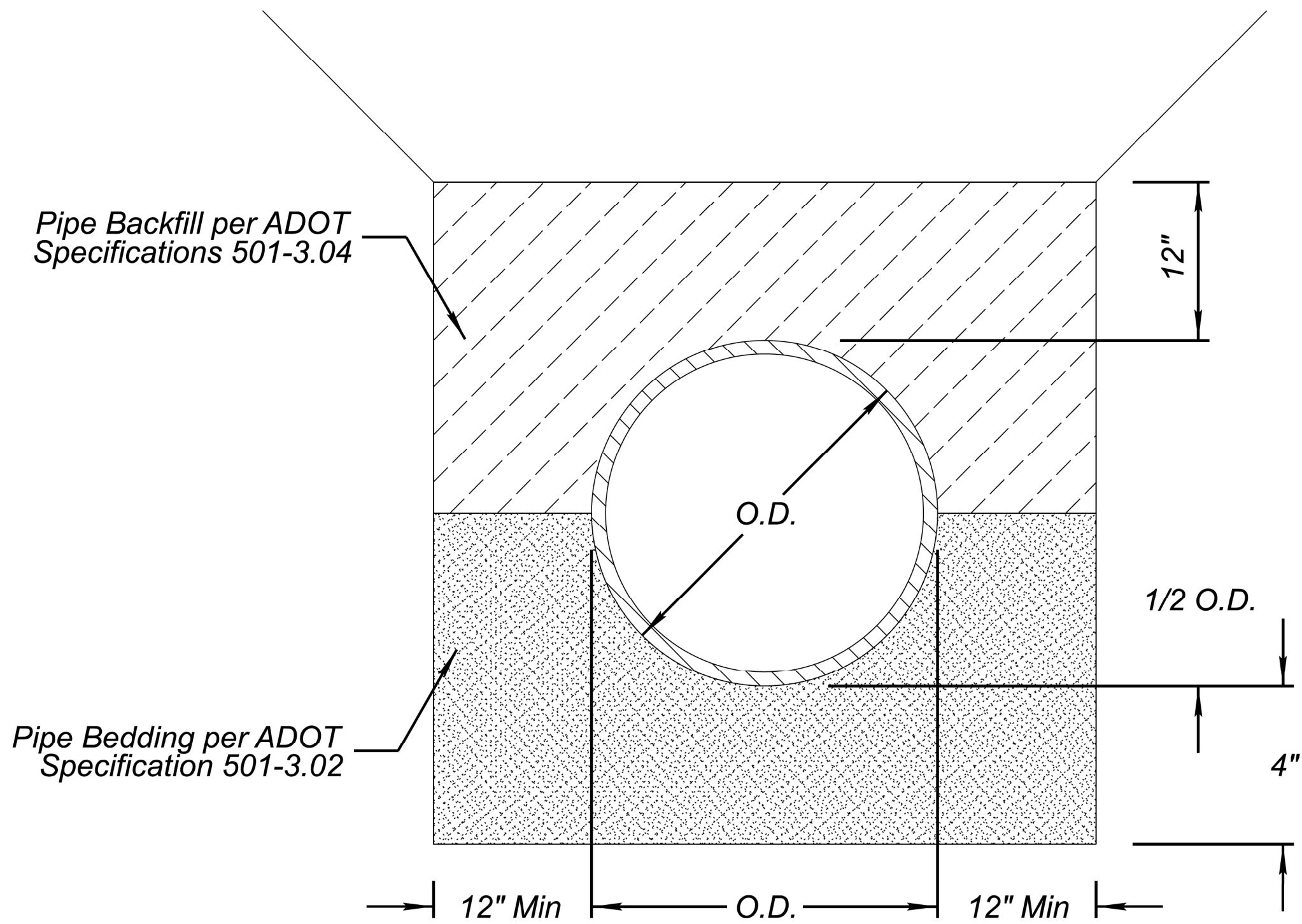
LOCATION

STACEY ROAD: HIGLEY RD EAST TO 172ND ST

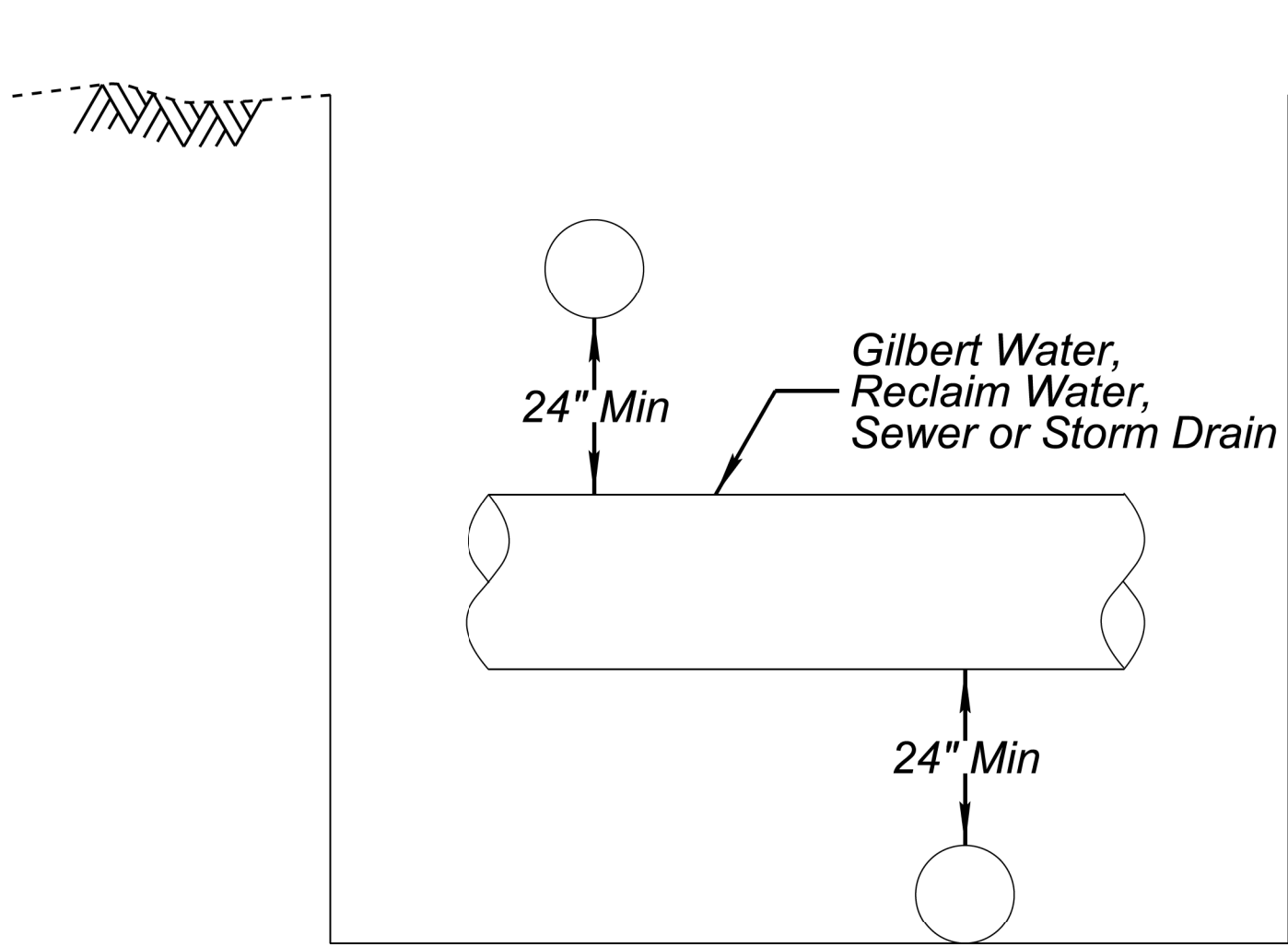
DWG NO. W-01.01

STRUCTURE NO. TRACS NO. T0423 01C

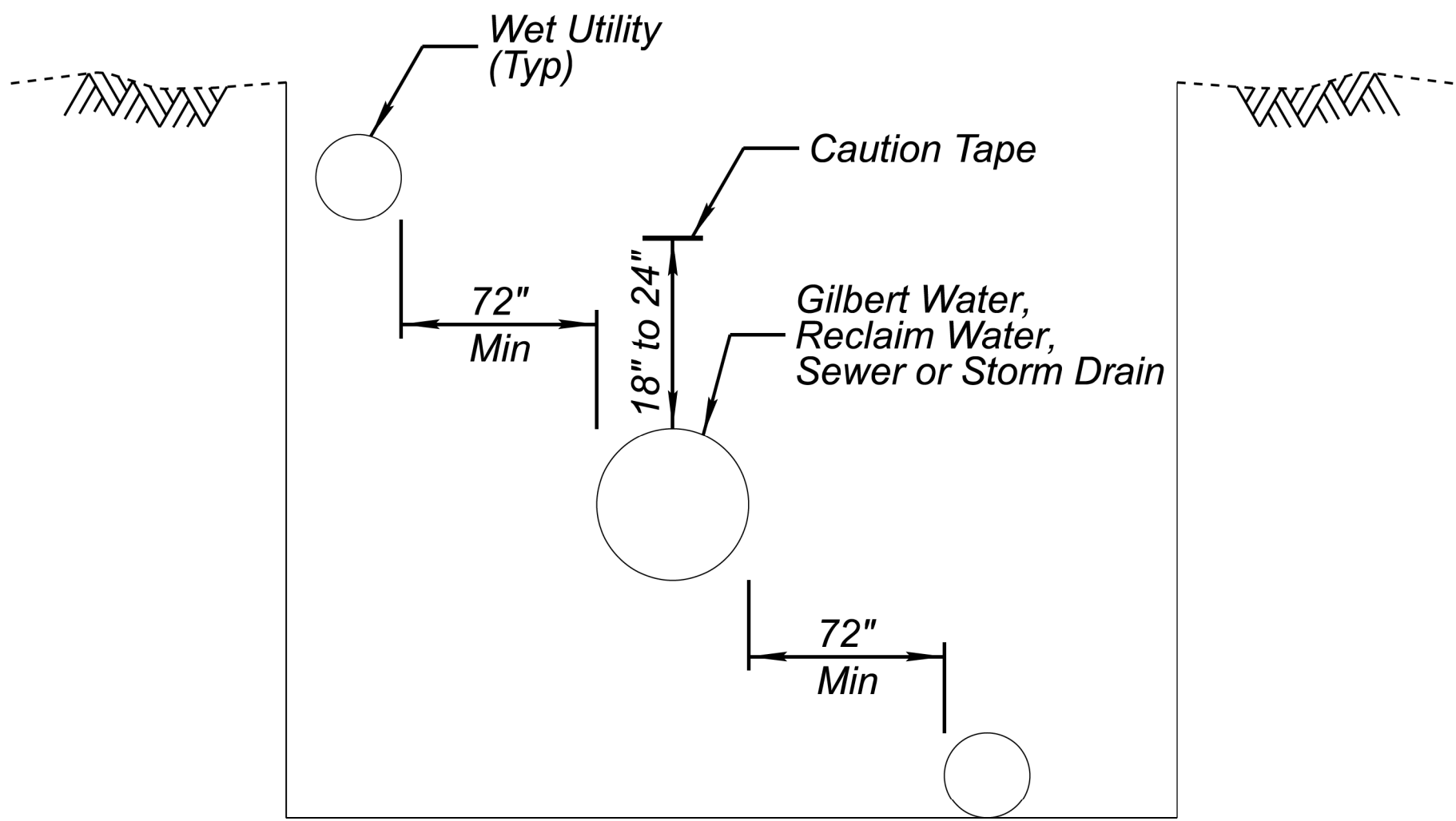
OF



DIP WATER PIPE BEDDING DETAIL



VERTICAL CLEARANCE DETAIL



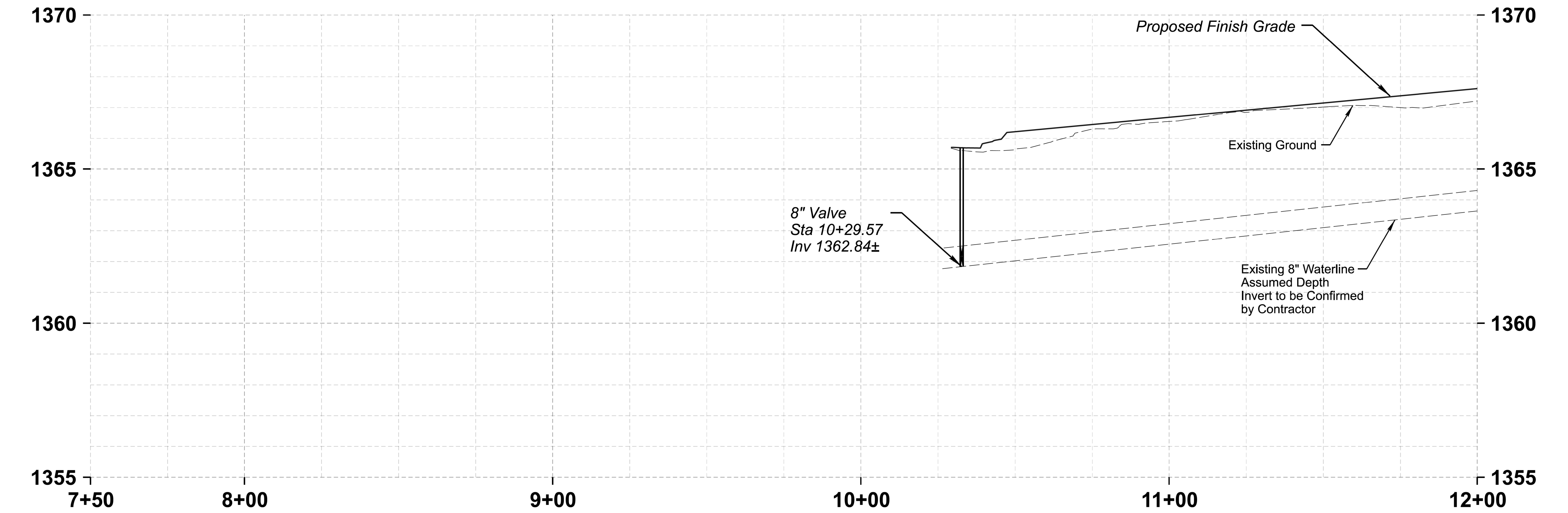
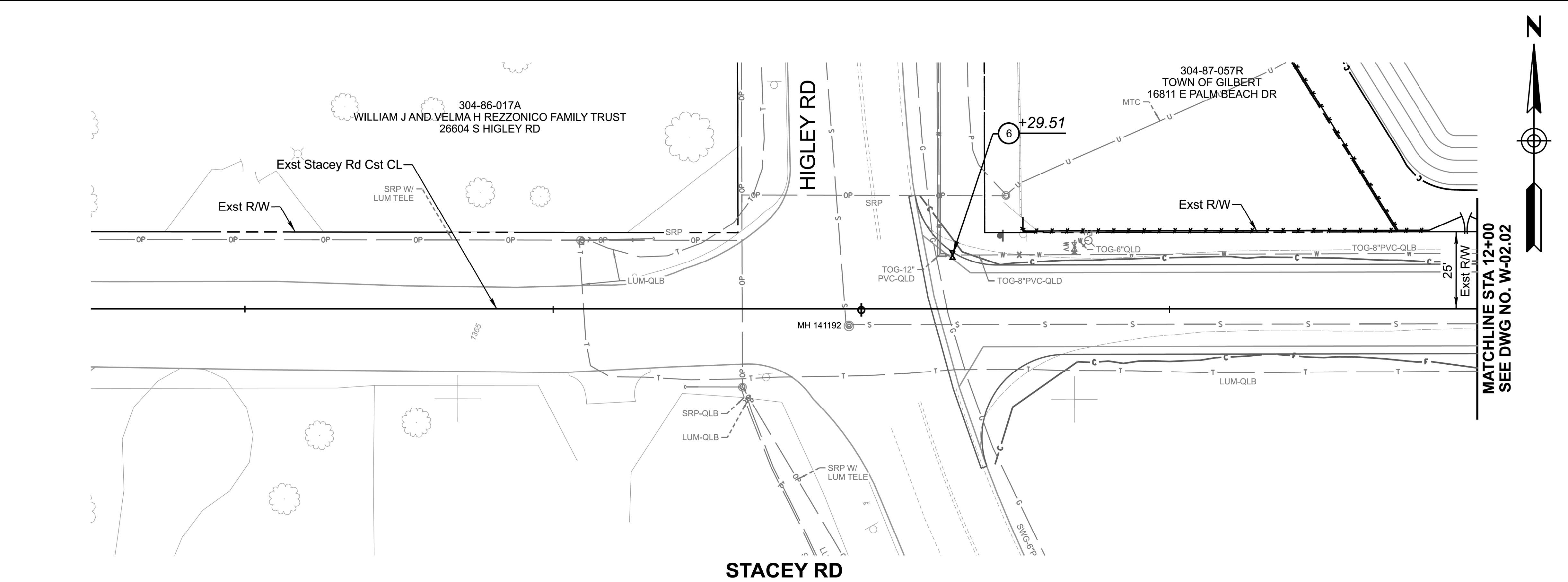
HORIZONTAL CLEARANCE DETAIL

PROPOSED		EXISTING CONT'D	
	Street Light Foundation & Pull Box		Guy Anchor
	Fire Hydrant		Utility Pull Box
	Valve		12" Or Larger Tree
	Water Meter		Below 12" Tree
	Waterline		12" Or Larger Palm Tree
	Abandoned Waterline		Below 12" Palm Tree
	Sewer		Bollard Post
	Sewer Manhole		Delineator
	Roll Curb & Gutter		Sign
	Vertical Curb & Gutter		Street Light
	Concrete Scupper		Light Pole
	Catch Basin		Landscape Light
	Storm Drain Manhole		Back of Curb
	Storm Drain		Face of Curb
EXISTING			Gutter Line
	Set Control Point		Edge of Asphalt Pavement
	Found Monument as described		Solid Pavement/Lane Stripe
	Single Gate		Dashed Pavement/Lane Stripe
	Double Gate		Barbed Wire Fence
	Fence Post		Chainlink Fence
	MailBox		Wrought Iron View Fence
	Landscape Rock		Flow Line
	Water Backflow Preventor		Underground Water- TOG
	Water Meter		Underground Sewer- TOG
	Water Valve		Underground Fiber- TOG
	Well		Underground Telephone - Lumen
	Fire Hydrant		Underground Telephone - Cox
	Power Pole		Underground Fiber Optic - Cox
	Sanitary Sewer Manhole		Underground Gas-SWG
	Sewer Cleanout		Underground Power -SRP
	Telephone Riser		Underground Irrigation Line- PRIVATE
			Underground Irrigation Line- SRP

GENERAL NOTES

- All new elements of a distribution system shall be disinfected in accordance with ADEQ Engineering Bulletin 8 or AWWA C651. (MAG 611.3)
- Pressure testing of water lines shall be in accordance with AWWA C600 or MAG Std 611.2.
- All materials installed after January 1st, 1993, which may come into contact with drinking water, shall conform to ANSI/NSF standards 60 and 61. (R18-4-213.A and B)

Contact Arizona 811 at least two full working days before you begin excavation  Call 811 or click Arizona811.com		DESIGN	AC	NAME	DATE	ARIZONA DEPARTMENT OF TRANSPORTATION PROJECT DELIVERY AND OPERATIONS DIVISION ROADWAY DESIGN SERVICES	ROUTE	F.H.W.A. Arizona Division	STATE ARIZ.	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
		DRAWN	AR/VT		6/26		MILEPOST			000 MA GIL	GIL-0(223)T	35	42	
		CHECKED	SMD		6/26		STRUCTURE NO.			LOCATION STACEY ROAD: HIGLEY RD EAST TO 172ND ST			DWG NO. W-01.02	
		POINT ENGINEERS				STACEY RD WATERLINE NOTES			TRACS NO. T0423 01C			___ OF ___		



REMOVAL / RELOCATION NOTES		
DESCRIPTION	QTY	UNIT

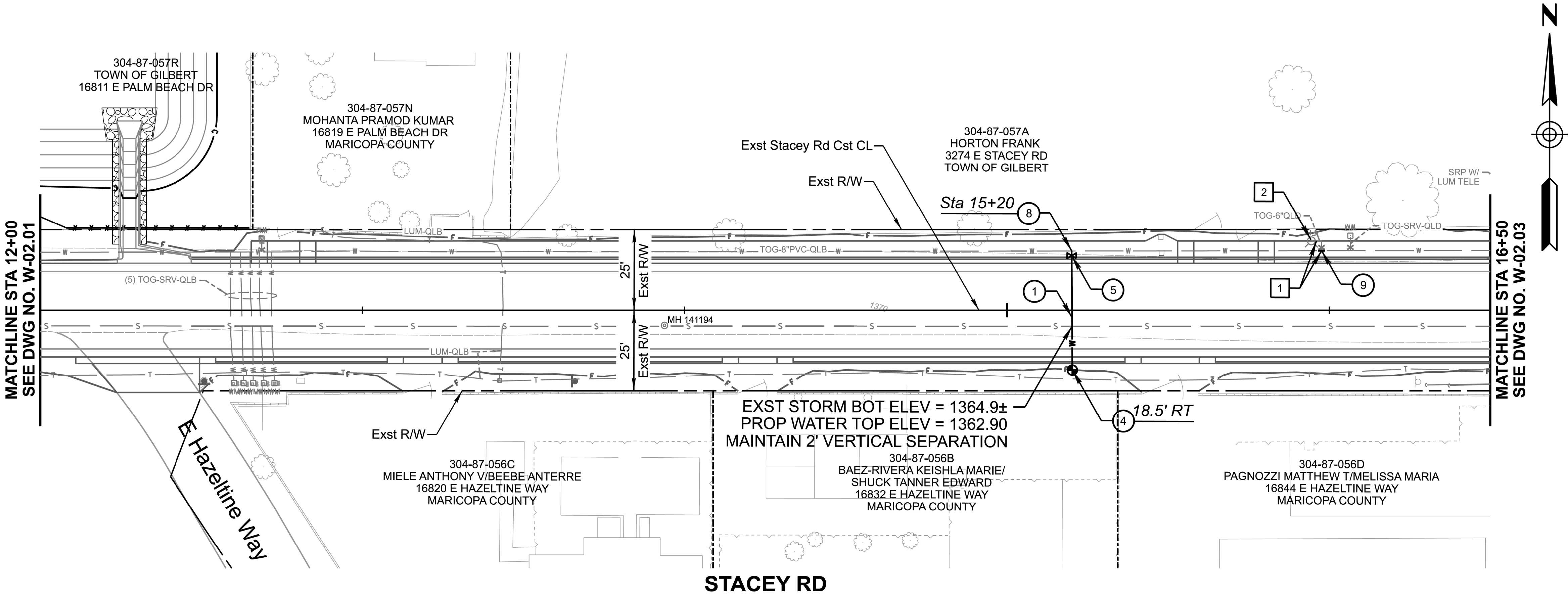
CONSTRUCTION NOTES		
DESCRIPTION	QTY	UNIT
6 GATE VALVE (8" WITH BOX AND COVER, MAG STD DET 391-1)	1	EA

REFERENCE

10 0 10 20
HORIZONTAL SCALE: 1"=20'

1 0 1 2
VERTICAL SCALE: 1"=2'

Contact Arizona 811 at least two full working days before you begin excavation  Call 811 or click Arizona811.com		DESIGN	AC	DATE	6/26	ARIZONA DEPARTMENT OF TRANSPORTATION PROJECT DELIVERY AND OPERATIONS DIVISION ROADWAY DESIGN SERVICES	ROUTE	F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING	
		DRAWN	AR/VT	DATE	6/26		MILEPOST			000 MA GIL	GIL-0(223)T	36	42		
		CHECKED	SMD	DATE	6/26										
		POINT ENGINEERS				STACEY RD WATERLINE PLAN STA 10+25 TO STA 12+00				LOCATION		STACEY ROAD: HIGLEY RD EAST TO 172ND ST			
								STRUCTURE NO.		TRACS NO. T0423 01C		___ OF ___			



REMOVAL / RELOCATION NOTES		
DESCRIPTION	QTY	UNIT
1 REMOVAL OF PIPE	9	LF
2 REMOVE (FIRE HYDRANT)	1	EA

CONSTRUCTION NOTES		
DESCRIPTION	QTY	UNIT
1 WATER MAIN (6-INCH DIP)	37	LF
4 FIRE HYDRANT ASSEMBLY PER TOG STD DTL GIL-320-1 & 2 **	1	EA
5 GATE VALVE (6" WITH BOX AND COVER, MAG STD DET 391-1)	1	EA
8 WATER MAIN (8"X6" TAPPING SLEEVE, MAG STD DET 340)	1	EA
9 WATER MAIN (8" SPOOL)	1	EA
** ITEM PAID FOR UNDER BID ITEM 8080651 FIRE HYDRANT		

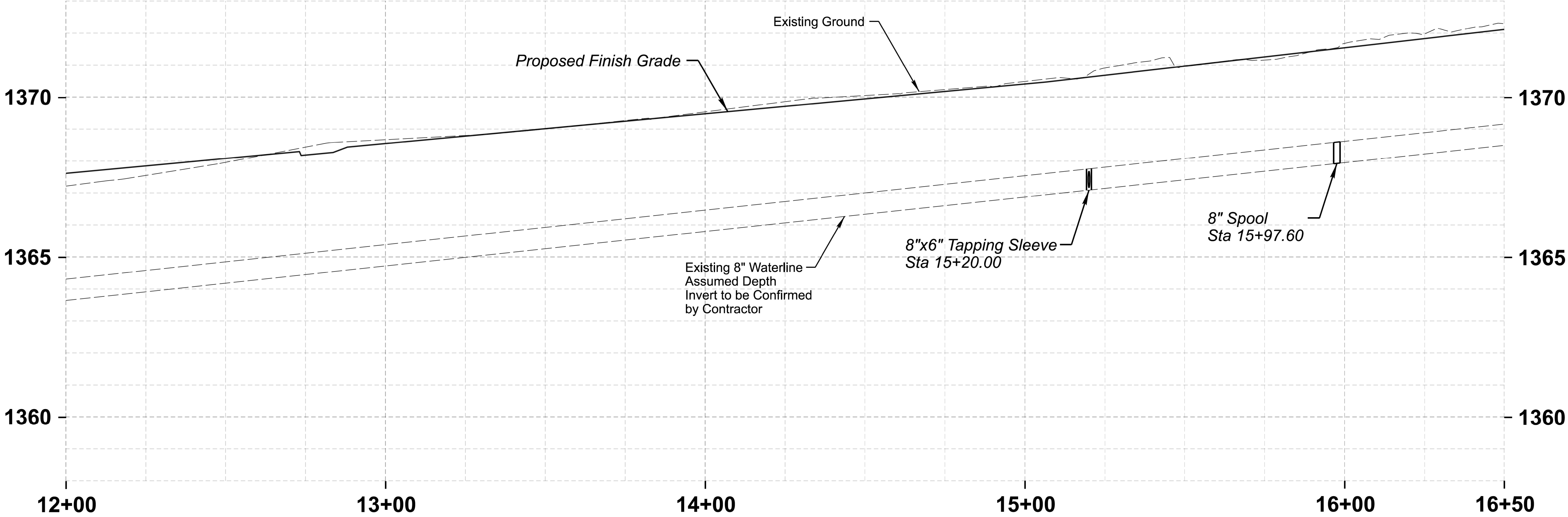
REFERENCE

100'0'10'20'

HORIZONTAL SCALE: 1"=20'

1'0'1'2'

VERTICAL SCALE: 1"=2'



Contact Arizona 811 at least two full working days before you begin excavation

Call 811 or click Arizona811.com

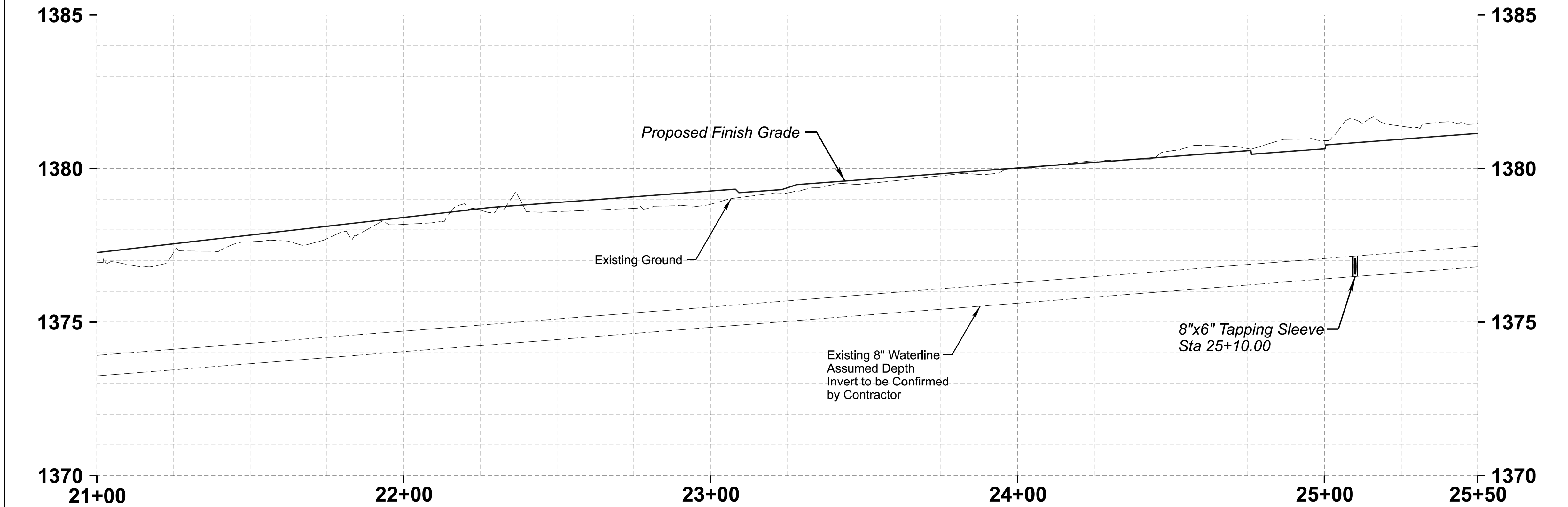
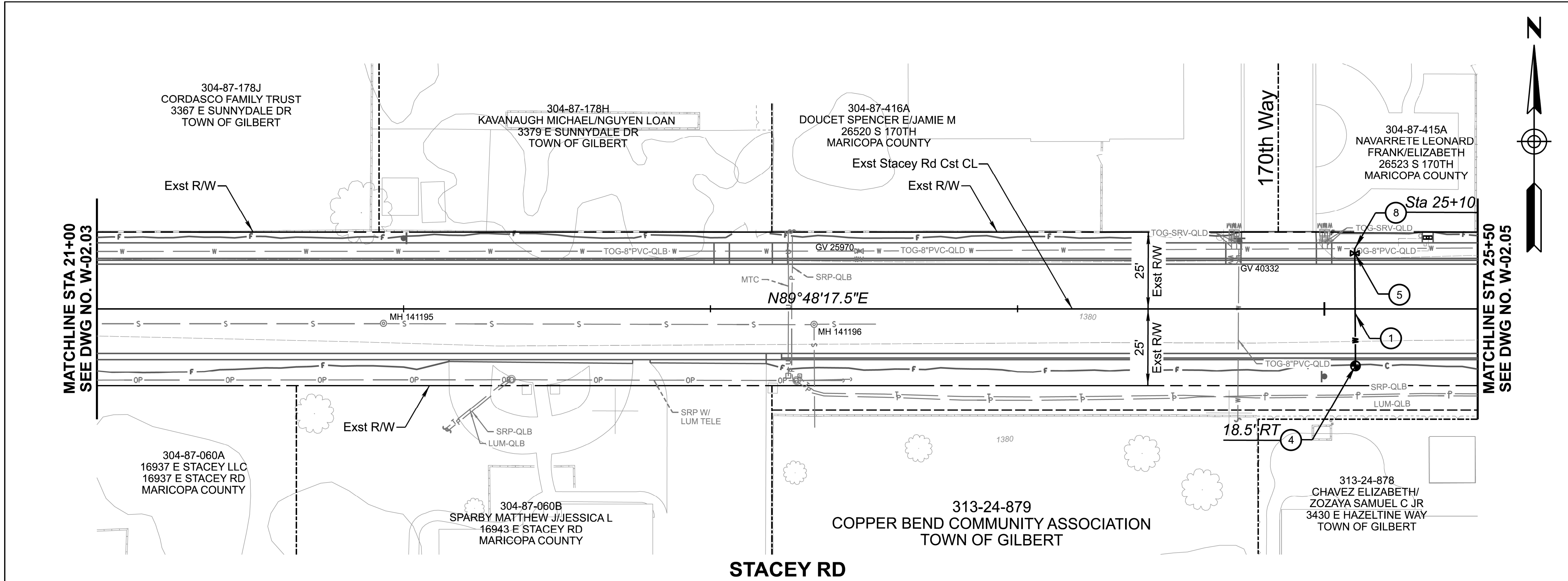
POINT ENGINEERS

DESIGN	AC	NAME	DATE
DRAWN	AR/VT		6/26
CHECKED	SMD		6/26

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

STACEY RD
WATERLINE PLAN
STA 12+00 TO STA 16+50

ROUTE	F.H.W.A. Arizona Division	STATE	ARIZ.	PROJECT NO.	000 MA GIL	FEDERAL ID NO.	GIL-0(223)T	SHEET NO.	37	TOTAL SHEETS	42	RECORD DRAWING
MILEPOST	STACEY ROAD: HIGLEY RD EAST TO 172ND ST											
STRUCTURE NO.	DWG NO. W-02.02											
TRACS NO. T0423 01C												
___ OF ___												



REMOVAL / RELOCATION NOTES					
DESCRIPTION			QTY	UNIT	
CONSTRUCTION NOTES					
DESCRIPTION			QTY	UNIT	
①	WATER MAIN (6-INCH DIP)		39	LF	
④	FIRE HYDRANT ASSEMBLY PER TOG STD DTL GIL-320-1 & 2 **		1	EA	
⑤	GATE VALVE (6" WITH BOX AND COVER, MAG STD DET 391-1)		1	EA	
⑧	WATER MAIN (8"X6" TAPPING SLEEVE, MAG STD DET 340)		1	EA	
** ITEM PAID FOR UNDER BID ITEM 8080651 FIRE HYDRANT					
REFERENCE					
10 0 10 20 HORIZONTAL SCALE: 1"=20' 1 0 1 2 VERTICAL SCALE: 1"=2'					
DATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
ARIZ.	000 MA GIL	GIL-0(223)T	39	42	
HIGLEY RD EAST TO 172ND ST				DWG NO. W-02.04	
				___ OF ___	

REMOVAL / RELOCATION NOTES			
DESCRIPTION		QTY	UNIT
1	REMOVAL OF PIPE	12	LF
2	REMOVE (FIRE HYDRANT)	1	EA
3	REMOVE (VALVE AND VALVE BOX)	2	EA
CONSTRUCTION NOTES			
DESCRIPTION		QTY	UNIT
2	WATER MAIN (8-INCH DIP)	279	LF
6	GATE VALVE (8" WITH BOX AND COVER, MAG STD DET 391-1)	1	EA
9	WATER MAIN (8" SPOOL)	1	EA
REFERENCE			
1001020 HORIZONTAL SCALE: 1"=20' 1012 VERTICAL SCALE: 1"=2'			

REMOVAL / RELOCATION NOTES		
DESCRIPTION	QTY	UNIT
CONSTRUCTION NOTES		
DESCRIPTION	QTY	UNIT
① WATER MAIN (6-INCH DIP)	28.5	LF
② WATER MAIN (8-INCH DIP)	450	LF
③ 8"X6" TEE*	1	EA
④ FIRE HYDRANT ASSEMBLY PER TOG STD DTL GIL-320-1 & 2 **	1	EA
⑤ GATE VALVE (6" WITH BOX AND COVER, MAG STD DET 391-1)	1	EA
⑥ GATE VALVE (8" WITH BOX AND COVER, MAG STD DET 391-1)	1	EA
*NO SEPARATE MEASUREMENT OR PAYMENT SHALL BE MADE FOR THIS ITEM, IT SHALL BE CONSIDERED AS INCLUDED IN PAY ITEM 8080994. ** ITEM PAID FOR UNDER BID ITEM 8080651 FIRE HYDRANT		
REFERENCE		
