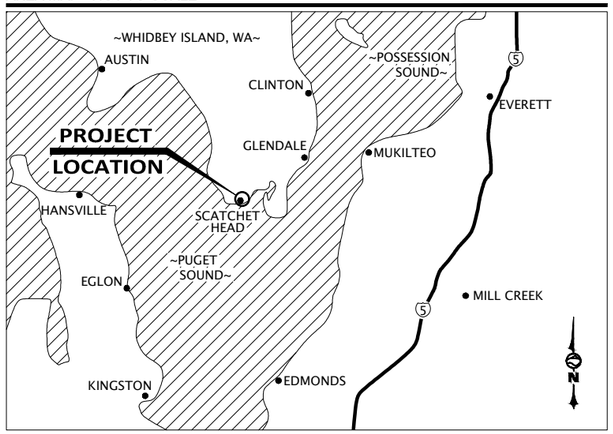
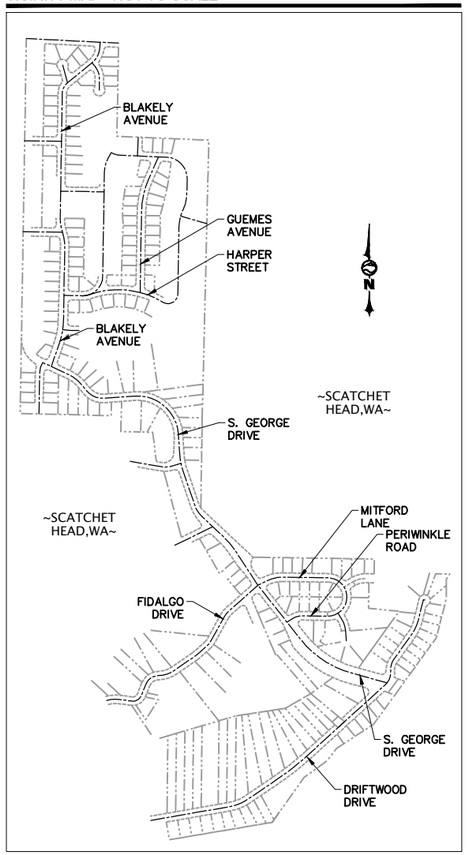
SCATCHET HEAD WATER DISTRICT

WATER SYSTEM IMPROVEMENTS

AREA MAP - NOT TO SCALE



VICINITY MAP - NOT TO SCALE



INDEX TO DRAWINGS

1.	SHEET C0.1	COVER SHEET
2.	SHEET C0.2	LEGEND AND ABBREVIATIONS
3.	SHEET C1.1	W.A.C. 332-130 COMPLIANCE SHEET
4.	SHEET C1.2	OVERALL CONTROL MAP
5.	SHEET C1.3	SHEET LAYOUT MAPS
6.	SHEET C2.1	EXISTING CONDITIONS
7.	SHEET C2.2	EXISTING CONDITIONS
8.	SHEET C2.3	EXISTING CONDITIONS
9.	SHEET C2.4	EXISTING CONDITIONS
10.	SHEET C2.5	EXISTING CONDITIONS
11.	SHEET C2.6	EXISTING CONDITIONS
12.	SHEET C2.7	EXISTING CONDITIONS
13.	SHEET C2.8	EXISTING CONDITIONS
14.	SHEET C2.9	EXISTING CONDITIONS
15.	SHEET C2.10	EXISTING CONDITIONS
16.	SHEET C2.11	EXISTING CONDITIONS
17.	SHEET C2.12	EXISTING CONDITIONS
18.	SHEET C2.13	EXISTING CONDITIONS
19.	SHEET C3.1	TESC NOTES
20.	SHEET C3.2	TESC DETAILS
21.	SHEET C4.1	BLAKELY AVENUE NORTH - STA 100+00 TO STA 104+67
22.	SHEET C4.2	BLAKELY AVENUE NORTH - STA 104+67 TO STA 109+25
23.	SHEET C4.3	BLAKELY AVENUE SOUTH - STA 200+00 TO STA 205+00
24.	SHEET C4.4	BLAKELY AVENUE SOUTH - STA 205+00 TO STA 209+73
25.	SHEET C4.5	BLAKELY AVENUE SOUTH - STA 209+73 TO STA 2011+07
26.	SHEET C4.6	GUEMES AVENUE - STA 300+00 TO STA 305+00
27.	SHEET C4.7	GUEMES AVENUE - STA 305+00 TO STA 310+00
28.	SHEET C4.8	HARPER STREET - STA 400+00 TO STA 404+00
29.	SHEET C4.9	HARPER STREET - STA 404+00 TO STA 407+56
30.	SHEET C4.10	S. GEORGE DRIVE - STA 500+00 TO STA 504+78
31.	SHEET C4.11	S. GEORGE DRIVE - STA 504+78 TO STA 509+66
32.	SHEET C4.12	S. GEORGE DRIVE - STA 509+66 TO STA 514+20
33.	SHEET C4.13	S. GEORGE DRIVE - STA 514+20 TO STA 518+80
34.	SHEET C4.14	S. GEORGE DRIVE - STA 518+80 TO STA 523+46
35.	SHEET C4.15	S. GEORGE DRIVE - STA 523+46 TO STA 528+38
36.	SHEET C4.16	S. GEORGE DRIVE - STA 528+38 TO STA 532+26
37.	SHEET C4.17	S. GEORGE DRIVE - STA 532+26 TO STA 536+71
38.	SHEET C4.28	FIDALGO DRIVE - STA 600+00 TO STA 605+00
39.	SHEET C4.19	FIDALGO DRIVE - STA 605+00 TO STA 610+00
40.	SHEET C4.20	FIDALGO DRIVE - STA 610+00 TO STA 613+62
41.	SHEET C4.21	MITFORD LANE - STA 613+62 TO STA 618+12
42.	SHEET C4.22	MITFORD LANE - STA 618+12 TO STA 621+40
43.	SHEET C4.23	PERIWINKLE ROAD - STA 621+40 TO STA 625+15
44.	SHEET C4.24	DRIFTWOOD DRIVE - STA 700+00 TO STA 704+81
45.	SHEET C4.25	DRIFTWOOD DRIVE - STA 704+81 TO STA 709+62
46.	SHEET C4.26	DRIFTWOOD DRIVE - STA 709+62 TO STA 714+52
47.	SHEET C4.27	DRIFTWOOD DRIVE - STA 714+52 TO STA 719+52
48.	SHEET C4.28	DRIFTWOOD DRIVE - STA 719+52 TO STA 724+04
49.	SHEET C5.1	PUMP HOUSE & TREATMENT IMPROVEMENTS - OVERALL SITE PLAN
50.	SHEET C5.2	PUMP HOUSE & TREATMENT IMPROVEMENTS - PUMP HOUSE BUILDING PLANS
51.	SHEET C5.3	PUMP HOUSE & TREATMENT IMPROVEMENTS - BUILDING ELEVATION
52.	SHEET C5.4	PUMP HOUSE & TREATMENT IMPROVEMENTS - TREATMENT DETAILS
53.	SHEET C5.5	PUMP HOUSE & TREATMENT IMPROVEMENTS - BACKWASH POND DETAILS
54.	SHEET C6.1	WELL SITE IMPROVEMENTS - OVERALL SITE PLAN
55.	SHEET C6.2	WELL SITE IMPROVEMENTS - BUILDING PLANS
56.	SHEET C6.3	WELL SITE IMPROVEMENTS - BUILDING ELEVATIONS
57.	SHEET C6.4	WELL SITE IMPROVEMENTS - WELL DETAIL
58.	SHEET C7.1	TRAFFIC CONTROL PLAN
59.	SHEET C8.1	CIVIL DETAILS
60.	SHEET C8.2	CIVIL DETAILS
61.	SHEET C8.3	CIVIL DETAILS
62.	SHEET C8.4	CIVIL DETAILS

Call 811 two business days before you dig

PRELIMINARY

WILSON ENGINEERING
WILSONENGINEERING.COM

PRELIMINARY
PAUL SCHENFELDER
STATE OF WASHINGTON
CURRENT PROFESSIONAL ENGINEER

DESIGNED BY	DRAWN BY	CHECKED BY
CDS	JGS	CDS

SCATCHET HEAD WATER DISTRICT
WHIDBEY ISLAND WASHINGTON
WATER SYSTEM IMPROVEMENTS
COVER SHEET

DATE	SCALE	JOB NUMBER
12-8-22	AS SHOWN	2022-013

SHEET C0.1
PAGE X OF X

PLOT SETTINGS: AutoCAD PDF (General Documentation).pc3, ANSI full bleed B (17.00 x 11.00 Inches), Portrait, 1:2, WE APWA_UNSCREENED.ctb
W:\2022\2022-013 SCATCHET HEAD WD WATER IMPROVEMENTS_MMM\DWG_V2019_NAD83_NAVD88\V2022_2022-013 C0.1 COVER SHEET.DWG - 12/8/2022 1:51 PM - Jeff Smith

LEGEND & ABBREVIATIONS– SIZE & SCALE MAY VARY

EXISTING HATCH PATTERNS	DESCRIPTION
	EXIST. CONCRETE
	EXIST. BUILDING
	EXIST. EARTH
	EXIST. GRAVEL
	EXIST. SAND

PROPOSED HATCH PATTERNS	DESCRIPTION
	PROP. CONCRETE
	PROP. TOP COURSE GRAVEL
	PROP. GRAVEL
	PROP. SAND
	PROP. QUARRY SPALLS
	WETLAND HATCH

SURFACE FEATURES
EXISTING PLAN LINETYPES

	DESCRIPTION
	BRIDGE
	BUILDING LINE
	BUILDING COLUMN
	BUILDING OVERHANG
	BULKHEAD
	CONCRETE EDGE
	CREEK EDGE
	CROWN OF ROAD
	CURB
	DITCH CENTERLINE
	DECK
	DOCK
	EDGE OF SAWCUT
	EDGE OF PAVEMENT
X X	FENCE
	GATE
	GRADE
	GRAVEL
	GUARDRAIL
	JERSEY BARRIER
	LAKE/POND WATER EDGE
	LIP OF CURB
	MISC SURFACE FEATURE
	MISC TRAFFIC
	PLANTER
	PATH
	RAILROAD
	RAMP (WOOD)
	HANDRAIL
	RETAINING WALL
	ROAD STRIPING
	ROCKERY
	RIVERBANK/SHORELINE
THW THW	THALWAG LINE
	TOP OF BANK/SLOPE
	TOE OF BANK/SLOPE
	VEGETATION/SHRUB LINE
	WETLAND/SWAMP PERIMETER
	WETLAND BUFFER

SURFACE FEATURES
PROPOSED PLAN LINETYPES

	DESCRIPTION
	BRIDGE
	BUILDING LINE
	CONCRETE
	CURB
	DITCH CENTERLINE
	EDGE OF BIKE LANE
	EDGE OF PAVEMENT
X X	FENCE
	GATE
	GRAVEL
	GUARDRAIL
	JERSEY BARRIER
	LIP OF CURB
	REBAR
	RETAINING WALL
	ROCKERY
	ROAD STRIPING
	HANDRAIL
	EDGE OF SAWCUT

UTILITIES
EXISTING PLAN LINETYPES

	DESCRIPTION
TV TV	CABLE TELEVISION (AERIAL)
TV TV	CABLE TELEVISION (BURIED)
C	SURVEILLANCE CAMERA (BURIED
FO FO	FIBER OPTIC/COMMUNICATIONS LINE (AERIAL)
FO FO	FIBER OPTIC/COMMUNICATIONS LINE (BURIED)
OHT OHT	TELEPHONE/COMMUNICATIONS (AERIAL)
T T	TELEPHONE/COMMUNICATIONS (BURIED)
SC SC	TRAFFIC SIGNAL CONDUIT LINE
OHP OHP	POWER (AERIAL)
P P	POWER (BURIED)
UT UT	UTILITY (AERIAL)
UT UT	UTILITY (BURIED)
PDB PDB	POWER DUCT BANK (BURIED)
DF DF	DRAIN FIELD
S S	SANITARY SEWER
S S	APPROXIMATE SANITARY SEWER
FM FM	SANITARY SEWER (FORCE MAIN)
FM FM	APPROXIMATE SANITARY SEWER (FORCE MAIN)
SD SD	STORM DRAINAGE
SD SD	APPROXIMATE STORM DRAINAGE
	CULVERT (@ WIDTH)
	CULVERT
RW RW	RECLAIMED WATER
IRR IRR	IRRIGATION
W W	WATER
W W	APPROXIMATE WATER
8W 8W	8" WATER
OF OF	OVERFLOW
STE STE	STEAM
G G	GAS
	GAS TANK/STRUCTURE
O O	OIL
AIR AIR	AIR LINE
	BURIED UTILITY APPROX. EXTENTS
	MISC UTILITY (BURIED)

PROPOSED PLAN UTILITY LINETYPES

WATER	DESCRIPTION
W W	WATER
8W 8W	8" WATER
IRR IRR	IRRIGATION
RW RW	RECLAIMED WATER
PW PW	POTABLE WATER
W W	WATER SERVICE
	WATER STRUCTURE
FDC FDC	FIRE DEPARTMENT CONNECTION
FP FP	FIRE PROTECTION LINE
SANITARY SEWER	
S S	SEWER
8S 8S	8" SEWER
FM FM	FORCE MAIN
DF DF	DRAIN FIELD
S S	SEWER SERVICE
	SEWER STRUCTURE
STORM DRAIN	
D D	STORM DRAIN
SD SD	STORM DRAIN
	STORM DRAIN
D D	STORM SERVICE
FD FD	FOOTING DRAIN
	STORM STRUCTURE
MISC. UTILITIES	
G G	GAS
P P	POWER
T T	TELEPHONE/COMMUNICATIONS
EROSION CONTROL	DESCRIPTION
TSD TSD	EROSION TRIANGULAR SILT DIKE
CB CB	EROSION CONTROL COMPOST BERM
	EROSION CONTROL MINOR CONTOUR
100	EROSION CONTROL MAJOR CONTOUR
OB OB	ORANGE BARRIER FENCE
SF SF	SILT FENCE
SW SW	STRAW WATTLE
> >	EROSION CONTROL FLOWLINE
SB	STRAW BALE
IP	INLET PROTECTION
CD	CHECK DAM

SURVEY
PLAN LINETYPES

	DESCRIPTION
	CENTERLINE (EXISTING)
	CENTERLINE (CONSTRUCTION)
	CENTERLINE (PROPOSED)
	CONTOUR (EXISTING MINOR)
100	CONTOUR (EXISTING INDEX)
100	HYDRO CONTOUR (EXISTING INDEX)
	CONTOUR (PROPOSED INDEX)
	CONTOUR (PROPOSED MINOR)
	DONATION LAND CLAIM (EXIST.)
	EASEMENT (PROPOSED)
	EASEMENT (EXISTING)
	MEANDER LINE
OHW OHW	ORDINARY HIGH WATER LINE
MLW MLW	MEAN LOW LEVEL WATER LINE
	OWNERSHIP LINE
	PROPERTY LINE (RECORD OR ADJACENT)
	PROPERTY LINE
	QUARTER SECTION LINE
	RANGE/TOWNSHIP LINE
	RESERVATION/PARK/FOREST (EX)
	RIGHT-OF-WAY ℄ (EXISTING)
(RIGHT OF WAY & CONSTRUCTION PLANS)	RIGHT-OF-WAY (EXISTING)
(RIGHT OF WAY & CONSTRUCTION PLANS)	RIGHT-OF-WAY (EXISTING USED)
(RIGHT OF WAY PLANS)	RIGHT-OF-WAY (PROPOSED)
(RIGHT OF WAY PLANS)	RIGHT-OF-WAY (EX. RECORD) (RECORD OR ADJACENT)
(RIGHT OF WAY PLANS)	RIGHT-OF-WAY (LIMITED ACCESS)
	RIGHT-OF-WAY (LIMITED ACCESS)
	SECTION LINE
	SETBACK LINE (EXISTING)
	SIXTEENTH SECTION LINE
	STATE/COUNTY/CORPORATE LIMIT
	VACATED RIGHT-OF-WAY
	EASEMENT (RECORD)
	RIGHT-OF-WAY CENTER (RECORD)
	DONATION LAND CLAIM (RECORD)
	MEANDER LINE (RECORD)
	PARK LINE (RECORD)
	SECTION LINE (RECORD)
	QUARTER SECTION LINE (RECORD)
	SIXTEENTH SECTION LINE (RECORD)
	STATE LINE (RECORD)
	RANGE LINE (RECORD)

PROFILE LINETYPES	DESCRIPTION
	PROFILE EX. GRND ℄
	PROFILE FINISH GRND ℄
	PROFILE GRID
	PROFILE VERTICAL GRID
	PROFILE EX. GROUND LEFT
	PROFILE EXISTING GROUND RIGHT
	FIBER OPTIC PROFILE (EXISTING)
	GAS PROFILE (EXISTING)
	POWER PROFILE (EXISTING)
	RAILROAD PROFILE (EXISTING)
	SANITARY PROFILE (EXISTING)
	SANITARY PROFILE (PROPOSED)
	STORM PROFILE (EXISTING)
	TELEPHONE PROFILE (EXISTING)
	STORM PROFILE (PROPOSED)
	TV PROFILE (EXISTING)
	UTILITY PROFILE (EXISTING)
	WATER PROFILE (EXISTING)
	WATER PROFILE (PROPOSED)

DEMOLITION	DESCRIPTION
	SURFACE FEATURE OR UTILITY TO BE REMOVED
	SAWCUT
CLR CLR	CLEARING LIMIT
	TREE OR BUSH TO BE REMOVED

GRADING	
GB GB GB	GRADE BREAK
CAT CAT CAT	CATCHLINE
Cut Cut	CUT LINE
Fill Fill	FILL LINE
or	SLOPE ARROWS

SECTION/DETAIL CALL-OUTS

B(A) / CX.XC(B) — **SECTION CALL-OUTS:** (A) REPRESENTS THE SECTION LABEL, (B) INDICATES THE SHEET ON WHICH THE SECTION APPEARS.

1(A) / CX.XC(B) — **DETAIL CALL-OUTS:** (A) REPRESENTS THE DETAIL LABEL, (B) INDICATES THE SHEET ON WHICH THE DETAIL APPEARS.

MISC. SYMBOLS

EXISTING	PROPOSED	DESCRIPTION
		SOIL BORING
		MONITORING WELL
		TEST WELL
		TEST PIT
		EMBANKMENT
		MAIL BOX
		SIGN
		RIP RAP
		BOULDER
		SHRUB
		TREE (Conifer)*
		TREE (Deciduous)*
		STUMP–PLAN VIEW
		YARD LIGHT
		WELL
		PILE
		ROCKERY
		WHEEL STOP
		SPLASH BLOCK
		GAS METER
		GAS VALVE
		PAD MOUNTED TRANSFORMER
P	P	POWER VAULT
		TRANSMISSION TOWER
		POWER CABINET OR PANEL
		POWER METER
		GUY POLE
		UTILITY POLE
		UTILITY POLE ANCHOR
		TELE RISER
TV	TV	CABLE RISER
		FIBER OPTIC RISER
		FIBER OPTIC MANHOLE
		TELEPHONE MANHOLE
T	T	TELEPHONE VAULT
		STEAM MANHOLE
		PARKING METER
		POST
P	P	PUMP

SANITARY SEWER SYMBOLS

EXISTING	PROPOSED	DESCRIPTION
		SAN. SEWER CLEAN OUT
		SAN. SEWER MANHOLE

STORM DRAIN SYMBOLS

EXISTING	PROPOSED	DESCRIPTION
		STORM DRAIN CB TYPE 1
		STORM DRAIN CB TYPE 2
		STORM DRAIN CB TYPE 2 W/CB LID
		STORM DRAIN WITH OVERFLOW GRATE
		STORM DRAIN CLEAN-OUT
DS	DS	STORM DOWNSPOUTS

PIPE CALL-OUT

(A) (B)
36–SS
XXXLF
(C)

PIPE CALL-OUTS: (A) REPRESENTS THE PIPE SIZE IN INCHES, (B) INDICATES THE UTILITY TYPE (C) REPRESENTS THE PIPE LENGTH IN LINEAL FEET

SYMBOLS

°	=DEGREES
±	=PLUS/MINUS
ø	=DIAMETER
Δ	=DELTA
℄	=CENTERLINE
FL	=FLOWLINE
PL	=PROPERTY LINE

SPOT ELEVATIONS

190.00 ① TBC ②
190.00 ① TBC ②
190.00 ① TBC ②
190.00 ① TBC ②

①= ELEVATION
②= DESCRIPTION– SEE DEFINED ABBREVIATIONS ABOVE

DIRECTIONAL ABBREVIATIONS

N	=NORTH
NE	=NORTHEAST
E	=EAST
SE	=SOUTHEAST
S	=SOUTH
SW	=SOUTHWEST
W	=WEST
NW	=NORTHWEST

WATER SYMBOLS

EXISTING	PROPOSED	DESCRIPTION
		ARV VALVE
		GLOBE VALVE, FL
		BALL CHECK VALVE, FL
		BLOW–OFF VALVE
		SWING CHECK VALVE, FL
		BUTTERFLY VALVE, FL
		HOSE BIB/SPIGOT
		DOUBLE LEAF CHECK VALVE
		PLUG VALVE
		BALL VALVE
		FLOAT VALVE
		PINCH VALVE
		PRESSURE & VACUUM RELIEF VALVE
		VACUUM RELIEF VALVE
		PRESSURE RELIEF VALVE
		PRESSURE REGULATING VALVE (SELF CONTAINED)
		BACK PRESSURE REGULATING VALVE (SELF CONTAINED)
		IN–LINE SPRING LOADED RELIEF VALVE
		CAP/PLUG
		GUARD POST
		THRUST BLOCK
		WATER METER
		FIRE DEPARTMENT CONNECTION
		WATER VALVE
		FIRE HYDRANT
W		WATER MANHOLE
PIV	PIV	POST INDICATOR VALVE
		11–1/4 BEND, MJ–FL
		22–1/2 BEND, MJ–FL
		45 BEND, MJ–FL
		90 BEND, MJ–FL
		FLXMJ ADAPTER
		COUPLER
		BLIND FLANGE
		GATE VALVE, FLxMJ
		GATE VALVE, MJ
		REDUCER, MJxFL
		REDUCER, MJ
		TEE, FL
		TEE, MJ
		TEE, MJxFL
		TEE, FLxMJ
		CROSS, FL
		CROSS, MJ

SURVEY SYMBOLS

	BRASS SURFACE MONUMENT
	CONCRETE MONUMENT
	FOUND REBAR
	SET REBAR
	MONUMENT IN CASE
	TRAVERSE POINT

NOTE TO USER:
CONTENT SHOWN ON THIS PAGE IS SUBJECT TO CHANGE AND MAY DIFFER THROUGHOUT THE PLAN SET.

B(A) / CX.XC(B) — **SECTION SHEET LABELS:** (A) REPRESENTS THE SECTION LABEL, (B) INDICATES THE SHEET ON WHICH THE SECTION IS CALLED OUT.

1(A) / CX.XC(B) — **DETAIL SHEET LABELS:** (A) REPRESENTS THE DETAIL LABEL, (B) INDICATES THE SHEET(S) ON WHICH THE DETAIL IS CALLED OUT.

CX.XC (B)

ABBREVIATIONS

AB	=AS–BUILT (RECORD)
AC	=ASBESTOS CEMENT
AL	=ALIGNMENT
ANC	=UTILITY POLE ANCHOR
APPROX	=APPROXIMATE
ASPH or AC	=ASPHALT
ASS'Y	=ASSEMBLY
ASTM	=AMERICAN SOCIETY FOR TESTING & MATERIALS
BLDG	=BUILDING
BMP	=BEST MANAGEMENT PRACTICE
BVCS	=BEGIN VERTICAL CURVE STATION
BVCE	=BEGIN VERTICAL CURVE ELEVATION
CB	=CATCH BASIN
CK	=CHECK VALVE
C/L ℄	=CENTERLINE
CESCL	=CERTIFIED EROSION SEDIMENT CONTROL LEAD
COL	=COLUMN
CMP	=CORRUGATED METAL PIPE
CMU	=CONCRETE MASONRY UNIT
C.O. or CO	=CLEAN OUT
CONC, C	=CONCRETE
COR	=CORNER
CRSI	=CONCRETE REINFORCING STEEL INSTITUTE
CPP	=CORRUGATED POLYETHYLENE PIPE
CSBC	=CRUSHED SURFACING BASE COURSE
CSTC	=CRUSHED SURFACING TOP COURSE
DCVA	=DOUBLE CHECK VALVE ASSEMBLY
DI or DIP	=DUCTILE IRON PIPE
DIAM	=DIAMETER
DO	=DISSOLVED OXYGEN
DR	=DIMENSION RATIO
DS	=DOWNSPOUT
EFFL	=EFFLUENT
EG	=EXISTING GRADE
ELEV, EL	=ELEVATION
EOG	=EDGE OF GRAVEL
EOP	=EDGE OF PAVEMENT
EP	=EXPLORATION PIT
EXIST, EX	=EXISTING
EVCS	=END VERTICAL CURVE STATION
EVCE	=END VERTICAL CURVE ELEVATION
FDC	=FIRE DEPARTMENT CONNECTION
FF	=FINISH FLOOR
FG	=FINISH GRADE
FL	=FLOWLINE OR FLANGE (CONNECTION)
℄	=FLOWLINE
FLC	=FLOWLINE OF CURB
FM	=FORCEMAIN
FNC	=FENCE
FRP	=FIBERGLASS REINFORCED PIPE
GB	=GRADE BREAK
GMET	=GAS METER
GP	=GUY POLE
GPM	=GALLONS PER MINUTE
GRVL, G	=GRAVEL
GV	=GATE VALVE
HB	=HOSE BIB
HDG	=HOT–DIP GALVANIZED
HDPE	=HIGH DENSITY POLYETHYLENE
H:V	=HORIZONTAL:VERTICAL
HWL	=HIGH WATER LEVEL
HYD	=HYDRANT
IBC	=INTERNATIONAL BUILDING CODE
IE	=INVERT ELEVATION
INFO	=INFORMATION
INV	=INVERT
IPS	=IRON PIPE SIZE
LF	=LINEAR FEET
LUM	=LUMINAIRE
LT	=LEFT
MAX	=MAXIMUM
MB	=MAIL BOX
MFR	=MANUFACTURER
MH	=MANHOLE
MIN	=MINIMUM
MISC	=MISCELLANEOUS
MJ	=MECHANICAL JOINT
MW	=MONITORING WELL
N.C.	=NORMALLY CLOSED
N.O.	=NORMALLY OPEN
NPDES	=NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
O.C.	=ON CENTER
O.C.E.W	=ON CENTER EACH WAY
OD	=OUTSIDE DIAMETER
OHP	=OVERHEAD POWER
OHT	=OVERHEAD TELEPHONE
OSHA	=OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION
PC	=POINT OF CURVATURE
PCC	=POINT OF CONTINUING CURVATURE
PE	=POLYETHYLENE or PLAIN END
PIV	=POST INDICATOR VALVE
P/L ℄	=PROPERTY LINE
PLC	=PROGRAMMABLE LOGIC CONTROLLER
PLTR	=PLANTER
POL	=POINT ON LINE
PROP	=PROPOSED
PS	=PUMP STATION
PSI	=POUNDS PER SQUARE INCH
PT	=POINT OF TANGENCY
PVC	=POLYVINYL CHLORIDE
PVI	=POINT OF VERTICAL INTERSECTION
PW	=POTABLE WATER
R	=RADIUS
RCK	=ROCK/BOULDER
RET	=RETAINING
REC	=RECORD
REINF	=REINFORCEMENT
REQ'D	=REQUIRED
RI	=RAPID INFILTRATION
RPBA	=REDUCED PRESSURE BACKFLOW ASSEMBLY
RR	=RAILROAD
RT	=RIGHT
R/W or ROW	=RIGHT–OF–WAY
RW	=REUSE WATER
SCADA	=SUPERVISORY CONTROL AND DATA ACQUISITION
SCH	=SCHEDULE
SDCB	=STORM DRAIN CATCH BASIN
SD	=STORM DRAIN
SDMH	=STORM DRAIN MANHOLE
SFH	=SINGLE FAMILY HOUSING
SN	=SIGN
SPD	=STANDARD PROCTOR DENSITY
SPK	=SPIKE
SS	=SANITARY SEWER
SSCO	=SANITARY SEWER CLEAN–OUT
SSMH	=SANITARY SEWER MANHOLE
SST	=STAINLESS STEEL
STA	=STATION
STEP	=SEPTIC TANK EFFLUENT PUMP
S/W	=SIDEWALK
SYMM	=SYMMETRY/SYMMETRICAL
TBC	=TOP BACK OF CURB
TBD	=TO BE DETERMINED
TBM	=TEMPORARY BENCH MARK
T.O.W.	=TOP OF WALL
TYP	=TYPICAL
UNK	=UNKNOWN
UP	=UTILITY POLE
VAC	=VACATED
VC	=VERTICAL CURVE
VEG	=VEGETATION
VFD	=VARIABLE FREQUENCY DRIVE
WA	=WATER
WL	=WATERLINE
WM	=WATER METER
WS	=WATER SURFACE
WSDOT	=WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
WV	=WATER VALVE
YD	=YARD DRAIN
YL	=YARD LIGHT

Call 811 two business days before you dig

PRELIMINARY

WILSON ENGINEERING
WILSONENGINEERING.COM

PRELIMINARY — CURTIS D. SCHENELDER — STATE OF WASHINGTON — 46420 — REGISTERED PROFESSIONAL ENGINEER

DESIGNED BY	DRAWN BY	CHECKED BY
CDS	JGS	CDS

SCATCHET HEAD WATER DISTRICT

WHIDBEY ISLAND, WASHINGTON

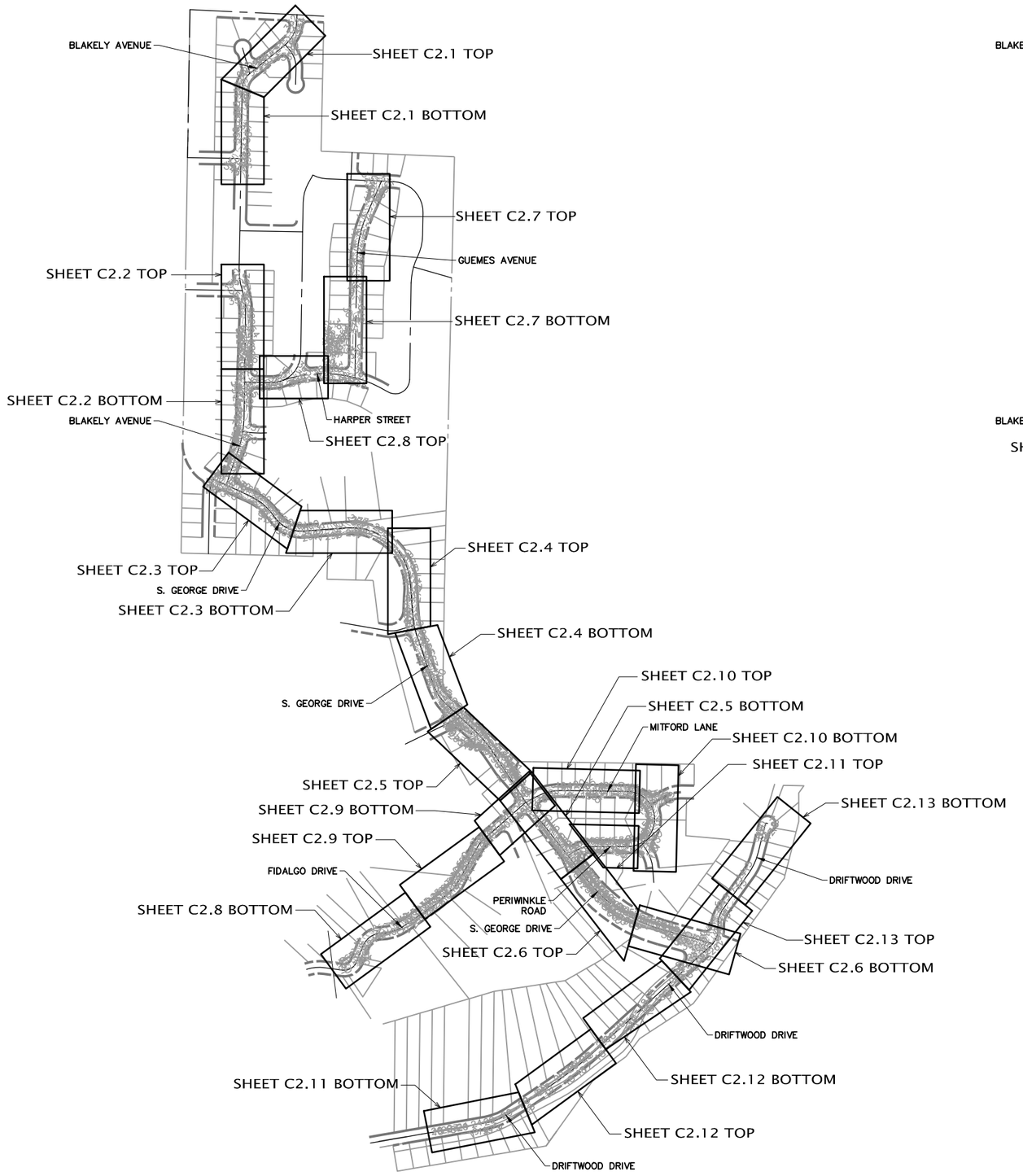
WATER SYSTEM IMPROVEMENTS

LEGEND & ABBREVIATIONS

DATE	SCALE	JOB NUMBER
12-8-22	AS SHOWN	2022-013

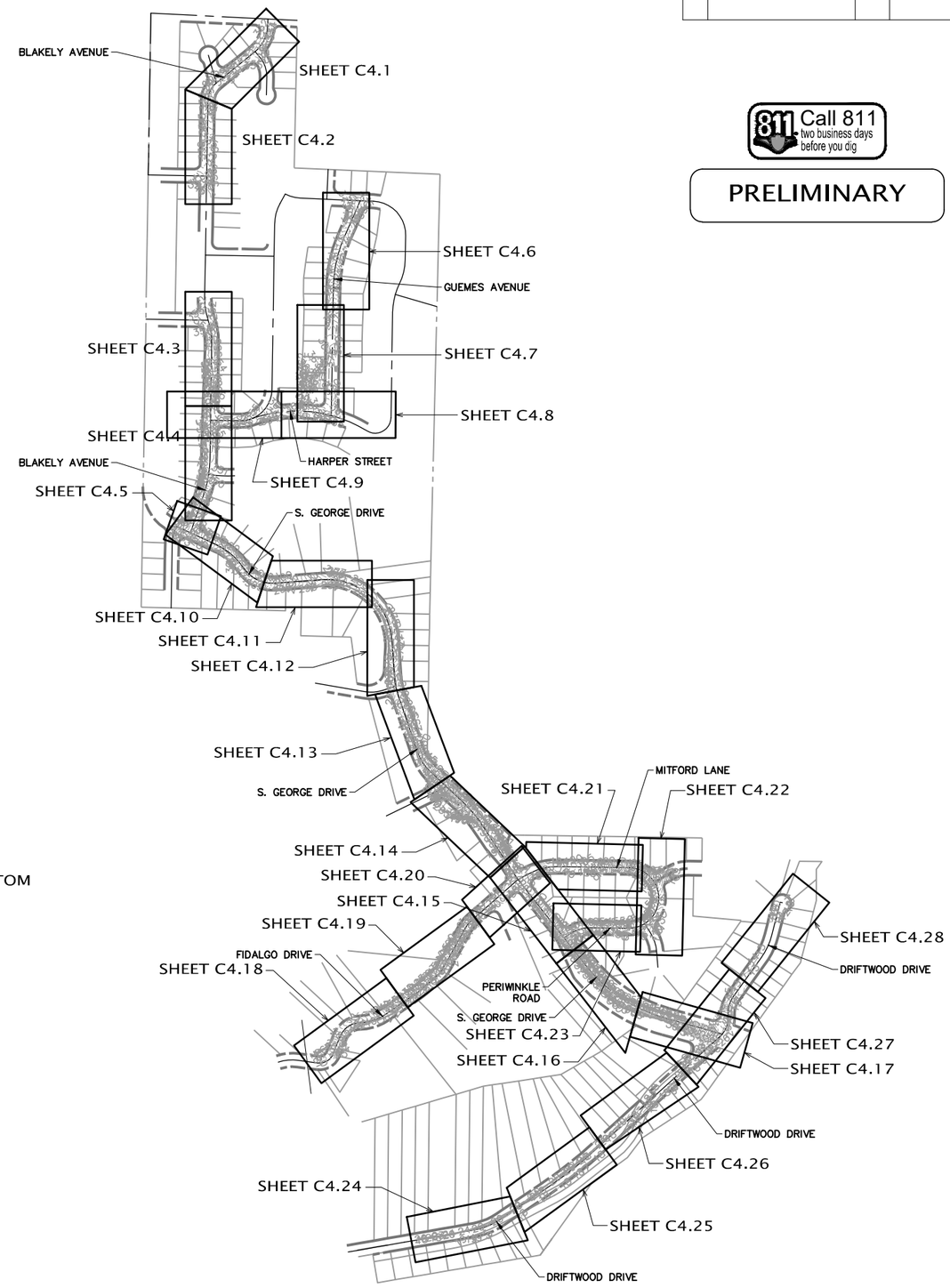
SHEET C0.2 — PAGE X OF X

PLOT SETTINGS: AutoCAD PDF (General Documentation).pc3, ANSI full bleed B (17.00 x 11.00 Inches), Portrait, 1:2, WE APWA_LINSCREENED.ctb
W:\2022\2022-013 SCATCHET HEAD WD WATER IMPROVEMENTS_MMM\DWG_V2019_NAD83_NAVD88\V2022_2022-013 C0.2 LEGEND & ABBREVIATIONS.DWG – 12/8/2022 1:51 PM – Jeff Smith



EXISTING CONDITIONS – SHEET LAYOUT

NOT TO SCALE



PLAN & PROFILE VIEWS – SHEET LAYOUT

NOT TO SCALE

NO.	REVISIONS	BY	DATE

Call 811 two business days before you dig

PRELIMINARY

WILSON ENGINEERING

WILSONENGINEERING.COM

PRELIMINARY

DESIGNED BY CDS | DRAWN BY JGS | CHECKED BY CDS

SCATCHET HEAD WATER DISTRICT

WHIDBEY ISLAND WASHINGTON

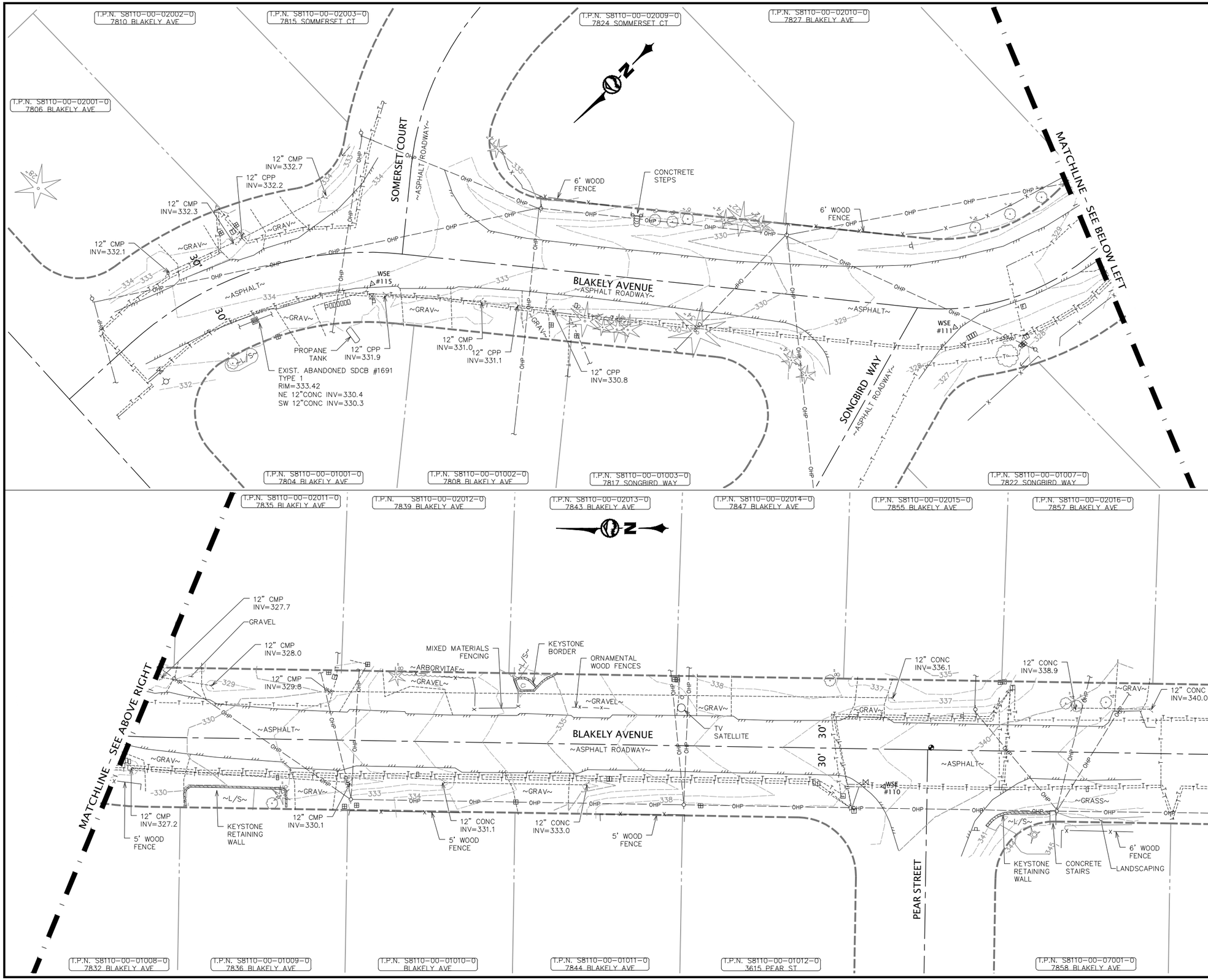
WATER SYSTEM IMPROVEMENTS

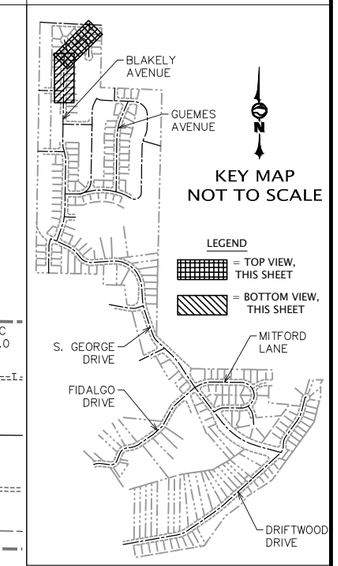
EXISTING CONDITIONS – SHEET LAYOUT MAPS

DATE 12-8-22 | SCALE AS SHOWN | JOB NUMBER 2022-013

SHEET C1.3 | PAGE X OF X

PLOT SETTINGS: AutoCAD PDF (General Documentation).pc3, ANSI full bleed B (17.00 x 11.00 Inches), Portrait, 1:2, WE APWA_UNSCREENED.ctb
W:\2022\2022-013 SCATCHET HEAD WD WATER IMPROVEMENTS_MMM\DWG_V2019_NAD83_NAVD88\V2022_2022-013 C1.3 SHEET LAYOUT MAPS.DWG – 12/8/2022 1:52 PM – Jeff Smith





20 0 20 40
SCALE HORIZONTAL SCALE FEET

Call 811
two business days
before you dig

PRELIMINARY

NO.	REVISIONS	BY	DATE

WILSON ENGINEERING
WILSONENGINEERING.COM

PRELIMINARY
JONATHAN DARROW STONE
STATE OF WASHINGTON
REGISTERED PROFESSIONAL ENGINEER

DRAWN BY CLM/JCS
CHECKED BY PJD

SCATCHET HEAD WATER DISTRICT

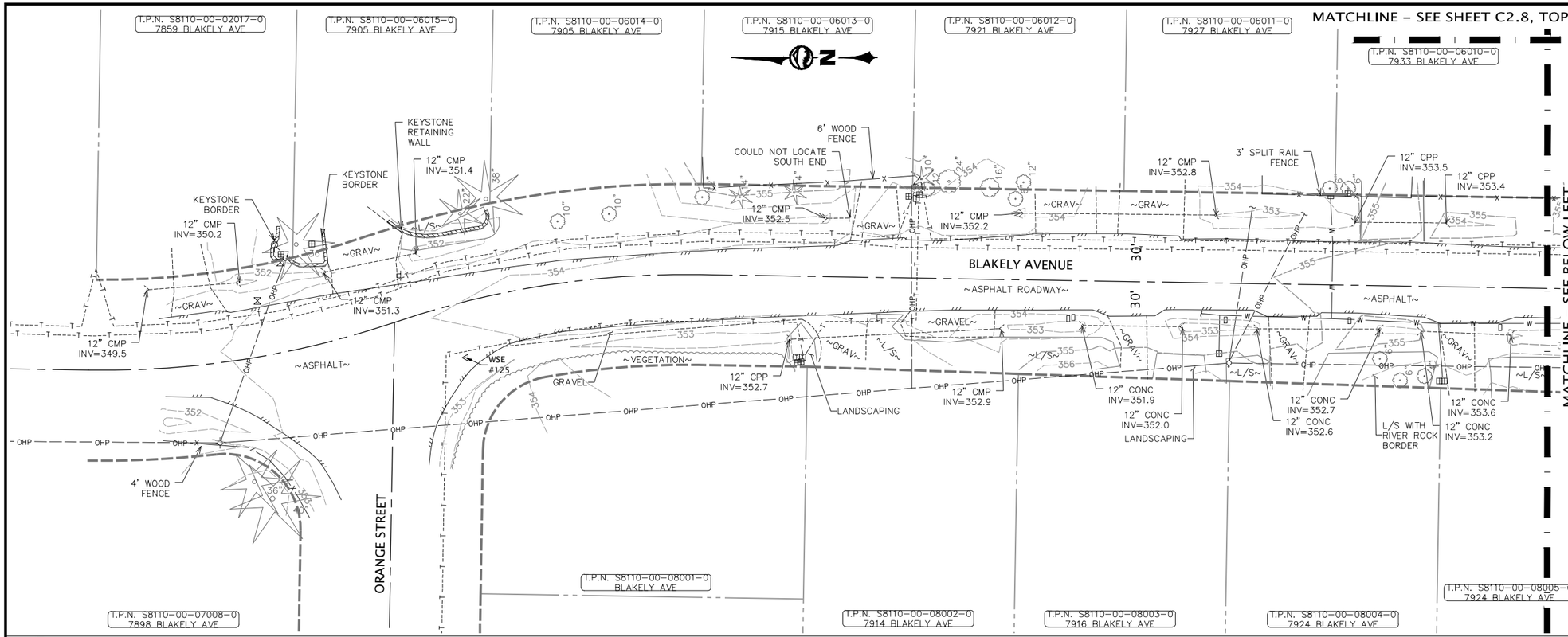
WHIDBEY ISLAND WASHINGTON

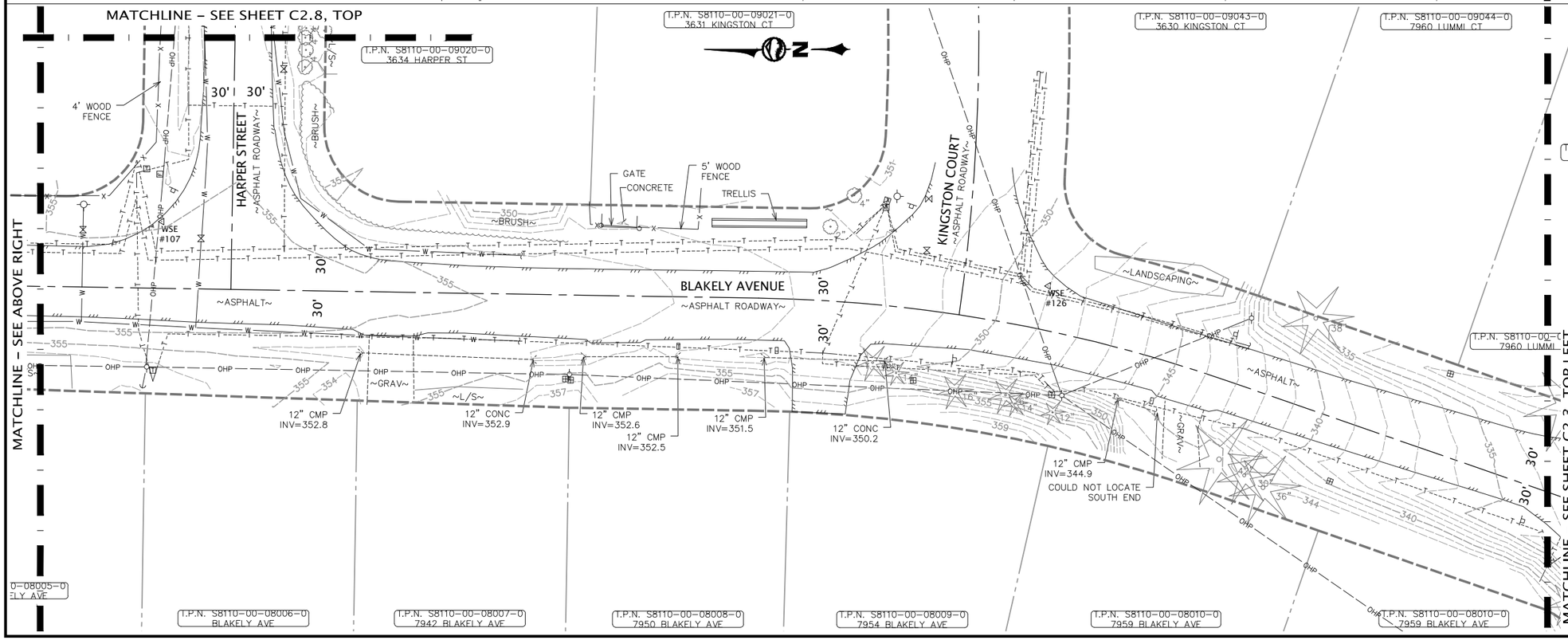
WATER SYSTEM IMPROVEMENTS

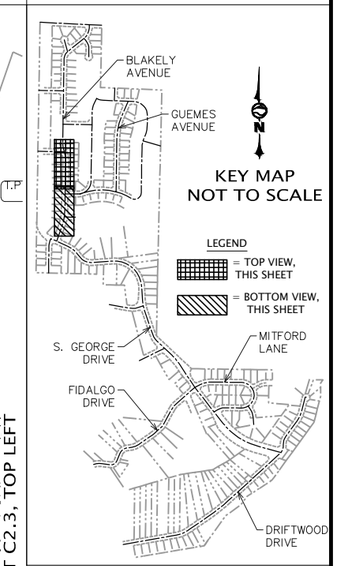
EXISTING CONDITIONS

DATE 12-8-22
SCALE AS SHOWN
JOB NUMBER 2022-013
SHEET C2.1
PAGE X OF X

PLOT SETTINGS: AutoCAD PDF (General Documentation).pc3, ANSI full bleed B (17.00 x 11.00 Inches), Portrait, 1:2, WE APWA_UNSCREENED.ctb
W:\2022\2022-013 SCATCHET HEAD WD WATER IMPROVEMENTS_MMM\DWG_V2019_NAD83_NAVD88\2022_2022-013 C2.1-C2.13 EXISTING CONDITIONS.DWG - 12/8/2022 1:52 PM - Jeff Smith







20 0 20 40
SCALE HORIZONTAL SCALE FEET

Call 811 two business days before you dig

PRELIMINARY

NO.	REVISIONS	BY	DATE

WILSON ENGINEERING
WILSONENGINEERING.COM

JONATHAN DARROW WILSON STATE OF WASHINGTON 40536 REGISTERED PROFESSIONAL ENGINEER
PRELIMINARY

DRAWN BY CLM/JCS
CHECKED BY PJD

SCATCHET HEAD WATER DISTRICT

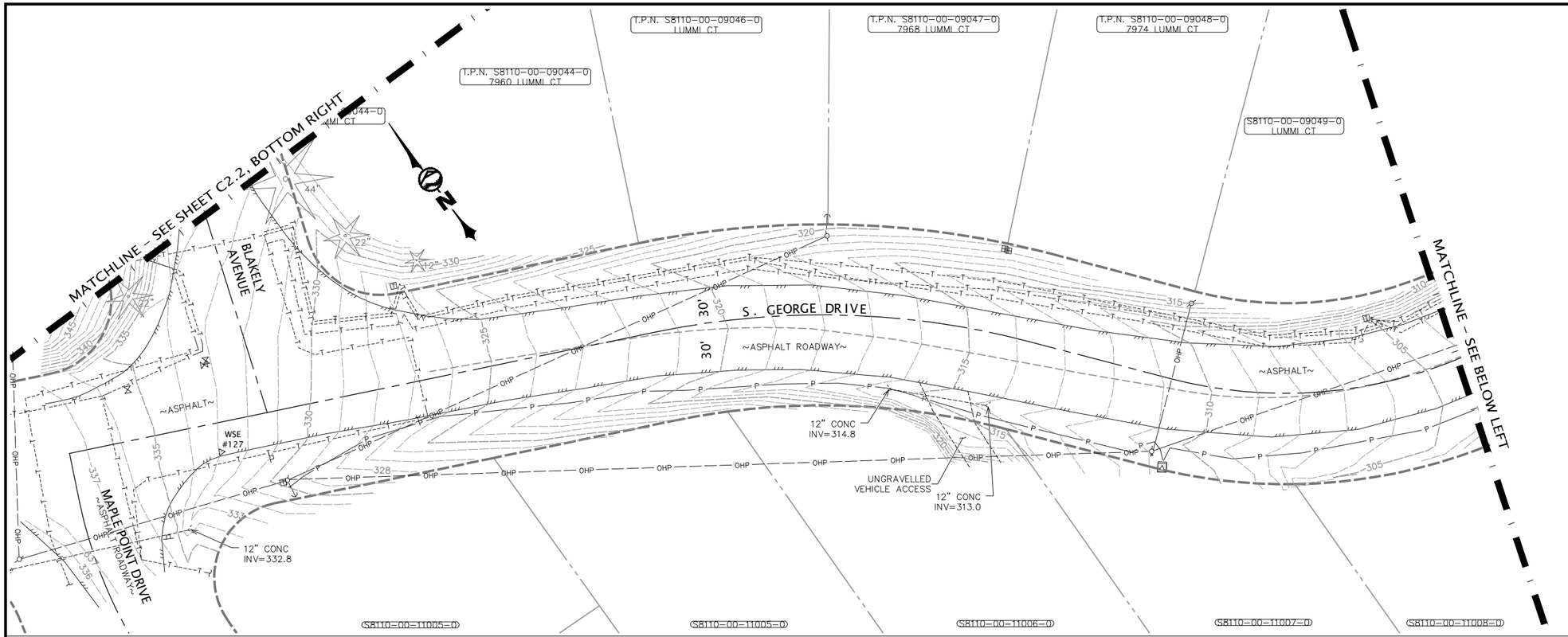
WHIDBEY ISLAND WASHINGTON

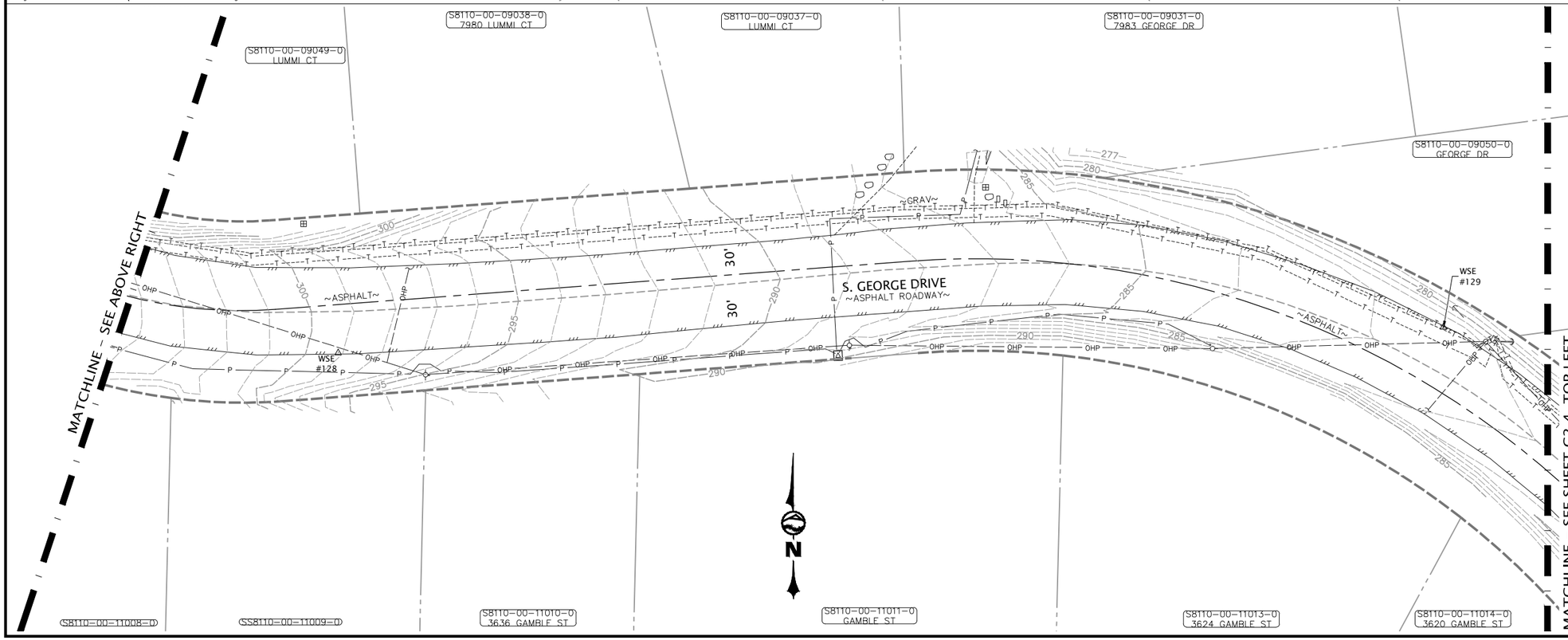
WATER SYSTEM IMPROVEMENTS

EXISTING CONDITIONS

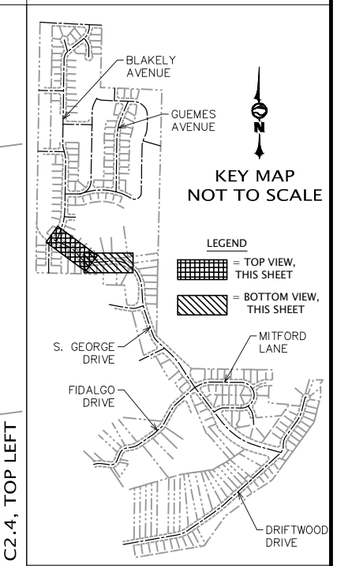
DATE 12-8-22
SCALE AS SHOWN
JOB NUMBER 2022-013
SHEET C2.2
PAGE X OF X

PLOT SETTINGS: AutoCAD PDF (General Documentation).pc3, ANSI full bleed B (17.00 x 11.00 Inches), Portrait, 1:2, WE APWA_UNSCREENED.ctb
W:\2022\2022-013 SCATCHET HEAD WD WATER IMPROVEMENTS_AMM\DWG_V2019_NAD83_NAVD88\2022_2022-013 C2.1-C2.13 EXISTING CONDITIONS.DWG – 12/8/2022 1:52 PM – Jeff Smith





NO.	REVISIONS	BY	DATE



20 0 20 40
SCALE HORIZONTAL SCALE FEET

Call 811 two business days before you dig

PRELIMINARY

WILSON ENGINEERING
WILSONENGINEERING.COM

PRELIMINARY
JONATHAN DARROW STONE
STATE OF WASHINGTON
PROFESSIONAL LAND SURVEYOR

DRAWN BY CLM/JCS
CHECKED BY PJD

SCATCHET HEAD WATER DISTRICT

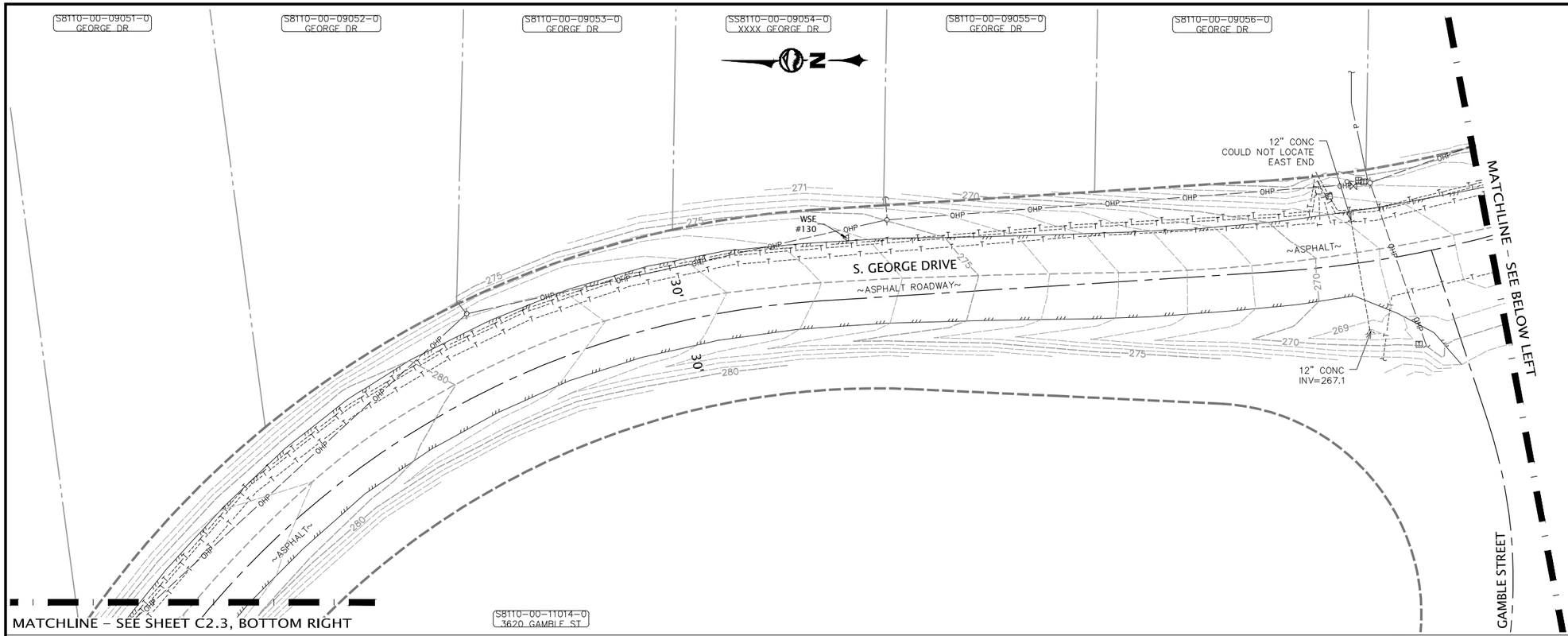
WHIDBEY ISLAND WASHINGTON

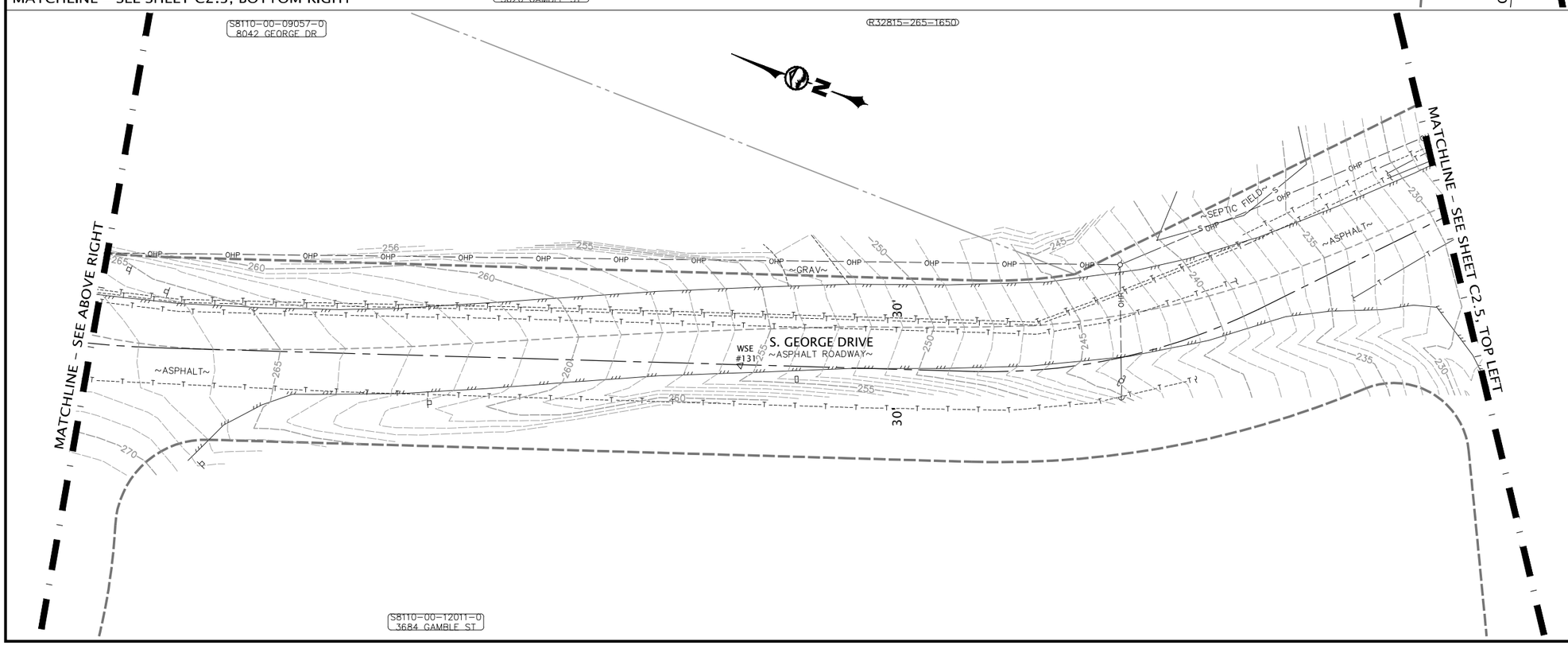
WATER SYSTEM IMPROVEMENTS

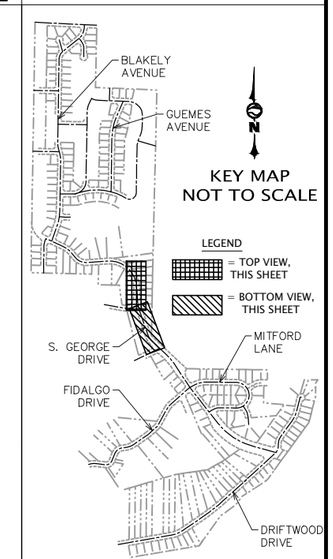
EXISTING CONDITIONS

DATE 12-8-22
SCALE AS SHOWN
JOB NUMBER 2022-013
SHEET C2.3
PAGE X OF X

PLOT SETTINGS: AutoCAD PDF (General Documentation).pc3, ANSI full bleed B (17.00 x 11.00 Inches), Portrait, 1:2, WE APWA_UNSCREENED.ctb
W:\2022\2022-013 SCATCHET HEAD WD WATER IMPROVEMENTS_AMM\DWG_V2019_NAD83_NAVD88\2022_2022-013 C2.1-C2.13 EXISTING CONDITIONS.DWG – 12/8/2022 1:53 PM – Jeff Smith







20 0 20 40
SCALE HORIZONTAL SCALE FEET

Call 811
two business days
before you dig

PRELIMINARY

NO.	REVISIONS	BY	DATE

WILSON ENGINEERING
WILSONENGINEERING.COM

PRELIMINARY
JONATHAN DARROW STONE
STATE OF WASHINGTON
PROFESSIONAL LAND SURVEYOR

DRAWN BY CLM/JCS
CHECKED BY PJD

SCATCHET HEAD WATER DISTRICT
WHIDBEY ISLAND WASHINGTON

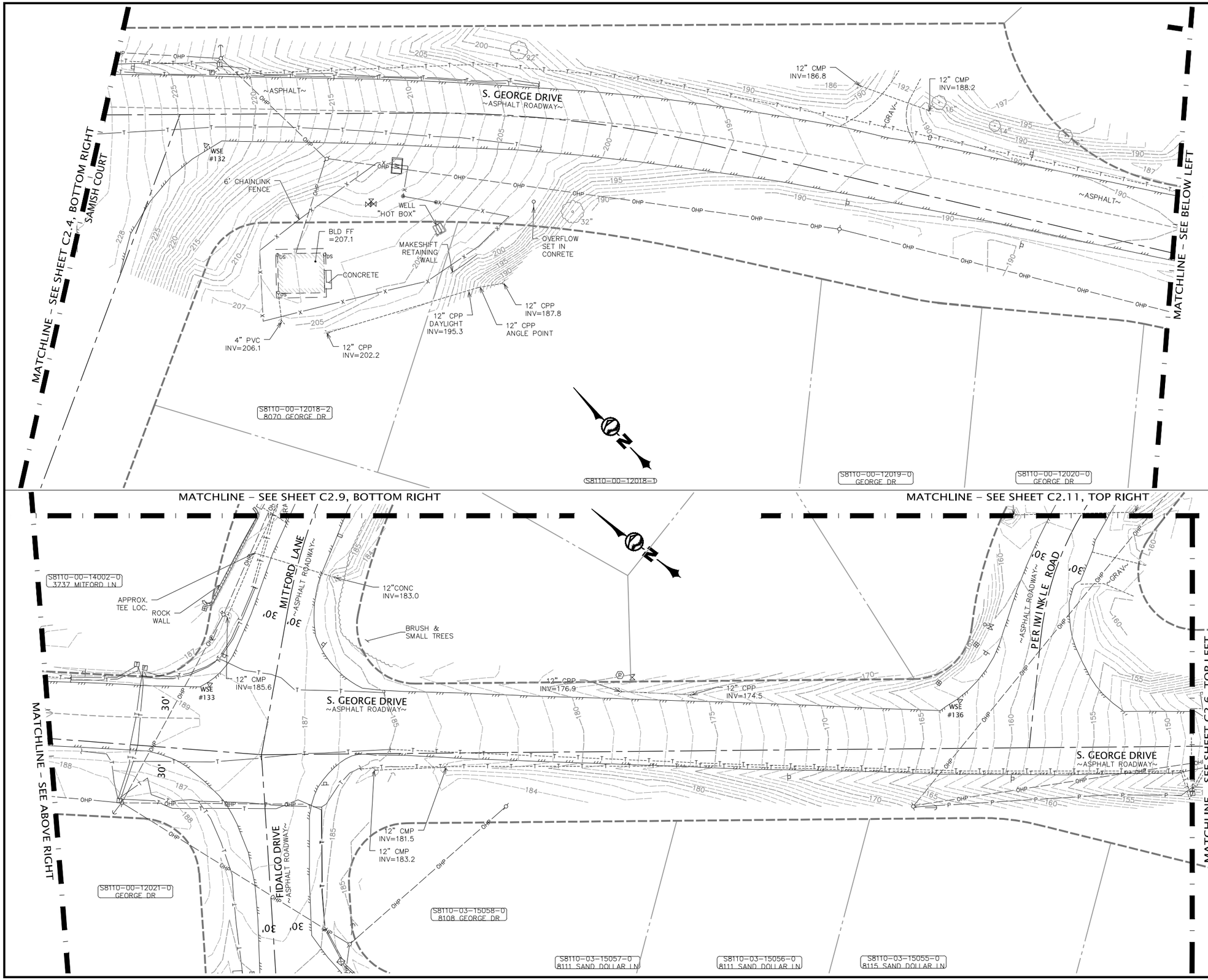
WATER SYSTEM IMPROVEMENTS

EXISTING CONDITIONS

DATE 12-8-22
SCALE AS SHOWN
JOB NUMBER 2022-013

SHEET C2.4
PAGE X OF X

PLOT SETTINGS: AutoCAD PDF (General Documentation).pc3, ANSI full bleed B (17.00 x 11.00 Inches), Portrait, 1:2, WE APWA_UNSCREENED.ctb
W:\2022\2022-013 SCATCHET HEAD WD WATER IMPROVEMENTS_MMM\DWG_V2019_NAD83_NAVD88\2022_2022-013 C2.1-C2.13 EXISTING CONDITIONS.DWG – 12/8/2022 1:53 PM – Jeff Smith



NO.	REVISIONS	BY	DATE

WILSON ENGINEERING
WILSONENGINEERING.COM

PRELIMINARY
JONATHAN DARROW STONE
STATE OF WASHINGTON
PROFESSIONAL LAND SURVEYOR

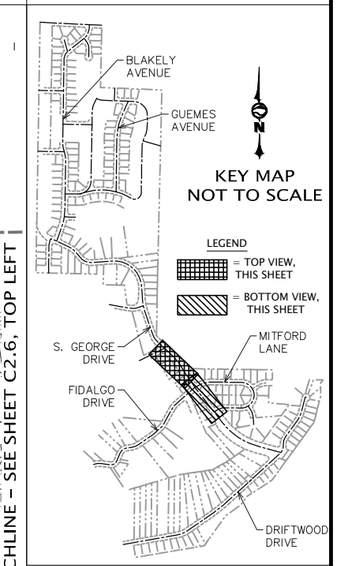
DRAWN BY CLM/JCS
CHECKED BY PJD

SCATCHET HEAD WATER DISTRICT

WHIDBEY ISLAND WASHINGTON

WATER SYSTEM IMPROVEMENTS

EXISTING CONDITIONS



20 0 20 40
SCALE HORIZONTAL SCALE FEET

811 Call 811 two business days before you dig

PRELIMINARY

DATE	SCALE	JOB NUMBER
12-8-22	AS SHOWN	2022-013

SHEET C2.5 PAGE X OF X

PLOT SETTINGS: AutoCAD PDF (General Documentation).pc3, ANSI full bleed B (17.00 x 11.00 Inches), Portrait, 1:2, WE APWA_UNSCREENED.ctb
W:\2022\2022-013 SCATCHET HEAD WD WATER IMPROVEMENTS_MMV\DWG_V2019_NAD83_NAVD88\2022_2022-013 C2.1-C2.13 EXISTING CONDITIONS.DWG – 12/8/2022 1:53 PM – Jeff Smith

MATCHLINE – SEE SHEET C2.11, TOP

S8110-00-14032-0
3760 PERIWINKLE RD

S8110-00-14030-0
8114 PEBBLE CT

S8110-00-14030-0
8114 PEBBLE CT

S8110-00-14033-0
3756 PERIWINKLE RD

MATCHLINE – SEE BELOW LEFT

MATCHLINE – SEE SHEET C2.5 BOTTOM RIGHT

S. GEORGE DRIVE
~ASPHALT ROADWAY~

~ASPHALT~

SIGN

TOE FACE OF
GEOTECH CONCRETE
RETAINING WALL

WSE
#141

S8110-03-0000Z-0
8117 SAND DOLLAR LN

S8110-00-15016-0
8117 SAND DOLLAR LN

S8110-00-14028-0
8125 PEBBLE CT

MATCHLINE – SEE SHEET C2.13, TOP

S8110-00-14027-0
3810 DRIFTWOOD DR

MATCHLINE – SEE ABOVE RIGHT

EXIST. AREA
DRAIN #8038
RIM=25.92

12" CPP
INV=41.9

~ASPHALT~

~DENSE HEDGE~

CONCRETE
BENCH

S. GEORGE DRIVE
~ASPHALT ROADWAY~

WSE
#142

~GRASS~

CONCRETE
CURB

12" CPP
INV=78.7

S8110-00-0000B-0
3742 DRIFTWOOD DR #A

WOOD
FENCE

DRIFTWOOD DRIVE
~ASPHALT ROADWAY~

~DENSE
VEGETATION~

COULD NOT
LOCATE WATER

WATER
LOCATE
PAINT

S8110-03-14052-0
3792 DRIFTWOOD DR

S8110-03-0000F-7

MATCHLINE – SEE SHEET C2.13, TOP

NO.	REVISIONS	BY	DATE

WILSON ENGINEERING
WILSONENGINEERING.COM

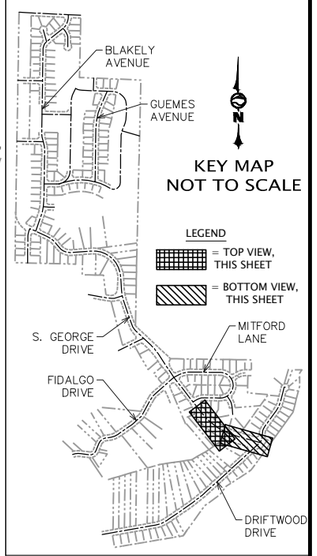
PRELIMINARY
PAUL JONATHAN DARROW
STATE OF WASHINGTON
40708
REGISTERED
PROFESSIONAL ENGINEER

DRAWN BY
CLM/JCS
CHECKED BY
PJD

SCATCHET HEAD WATER DISTRICT
WHIDBEY ISLAND WASHINGTON

WATER SYSTEM IMPROVEMENTS

EXISTING CONDITIONS



20 0 20 40
SCALE HORIZONTAL SCALE FEET

811 Call 811
two business days
before you dig

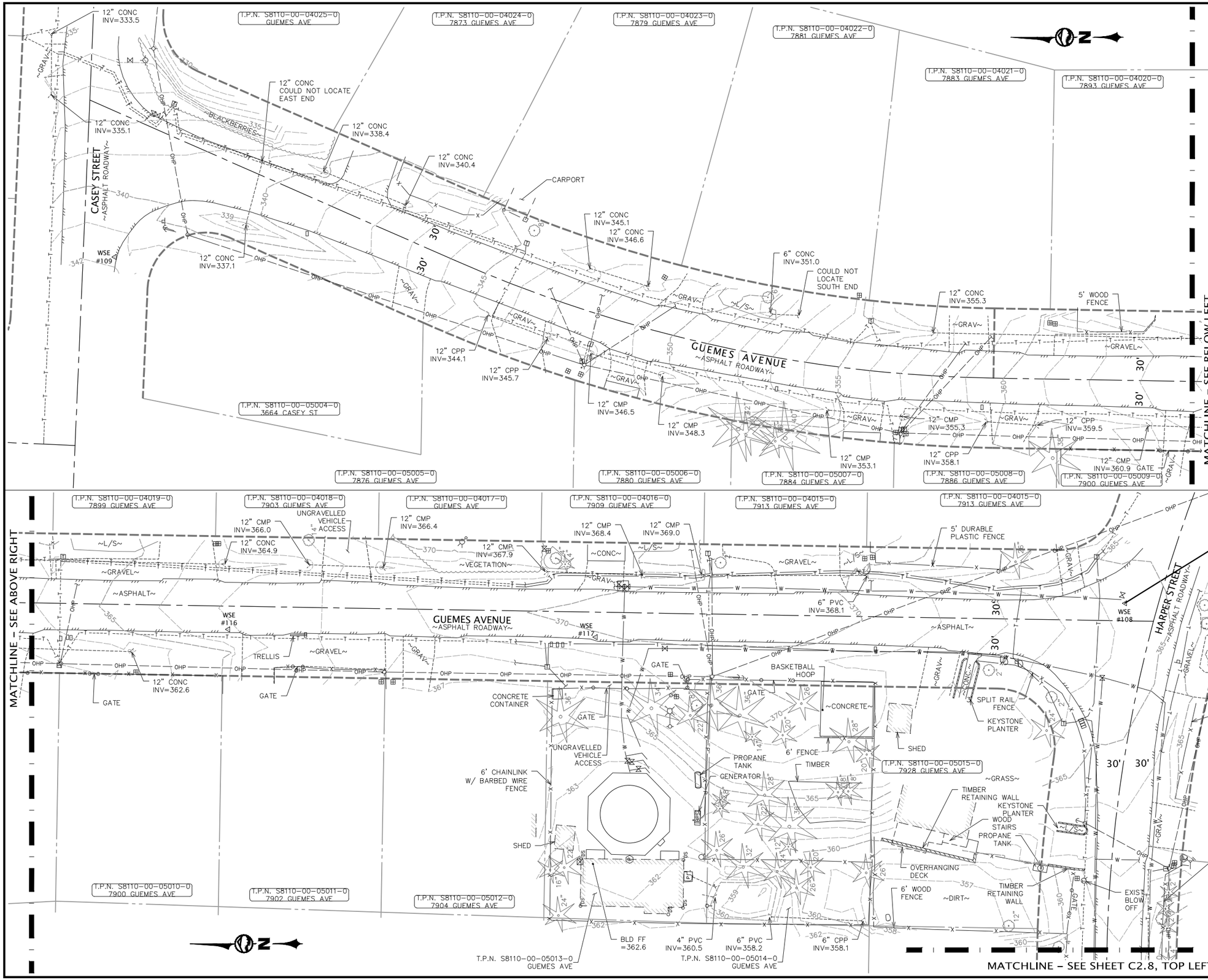
PRELIMINARY

DATE	SCALE	JOB NUMBER
12-8-22	AS SHOWN	2022-013

SHEET C2.6

PAGE X OF X

PLOT SETTINGS: AutoCAD PDF (General Documentation).pc3, ANSI full bleed B (17.00 x 11.00 Inches), Portrait, 1:2, WE APWA_UNSCREENED.ctb
W:\2022\2022-013 SCATCHET HEAD WD WATER IMPROVEMENTS_MMM\DWG_V2019_NAD83_NAVD88\2022_2022-013 C2.1-C2.13 EXISTING CONDITIONS.DWG – 12/8/2022 1:54 PM – Jeff Smith



NO.	REVISIONS	BY	DATE

WILSON ENGINEERING
WILSONENGINEERING.COM

JONATHAN DARROW PALM STATE OF WASHINGTON 47908 REGISTERED PROFESSIONAL ENGINEER
PRELIMINARY

DRAWN BY CLM/JCS
CHECKED BY XXX

SCATCHET HEAD WATER DISTRICT

WHIDBEY ISLAND WASHINGTON

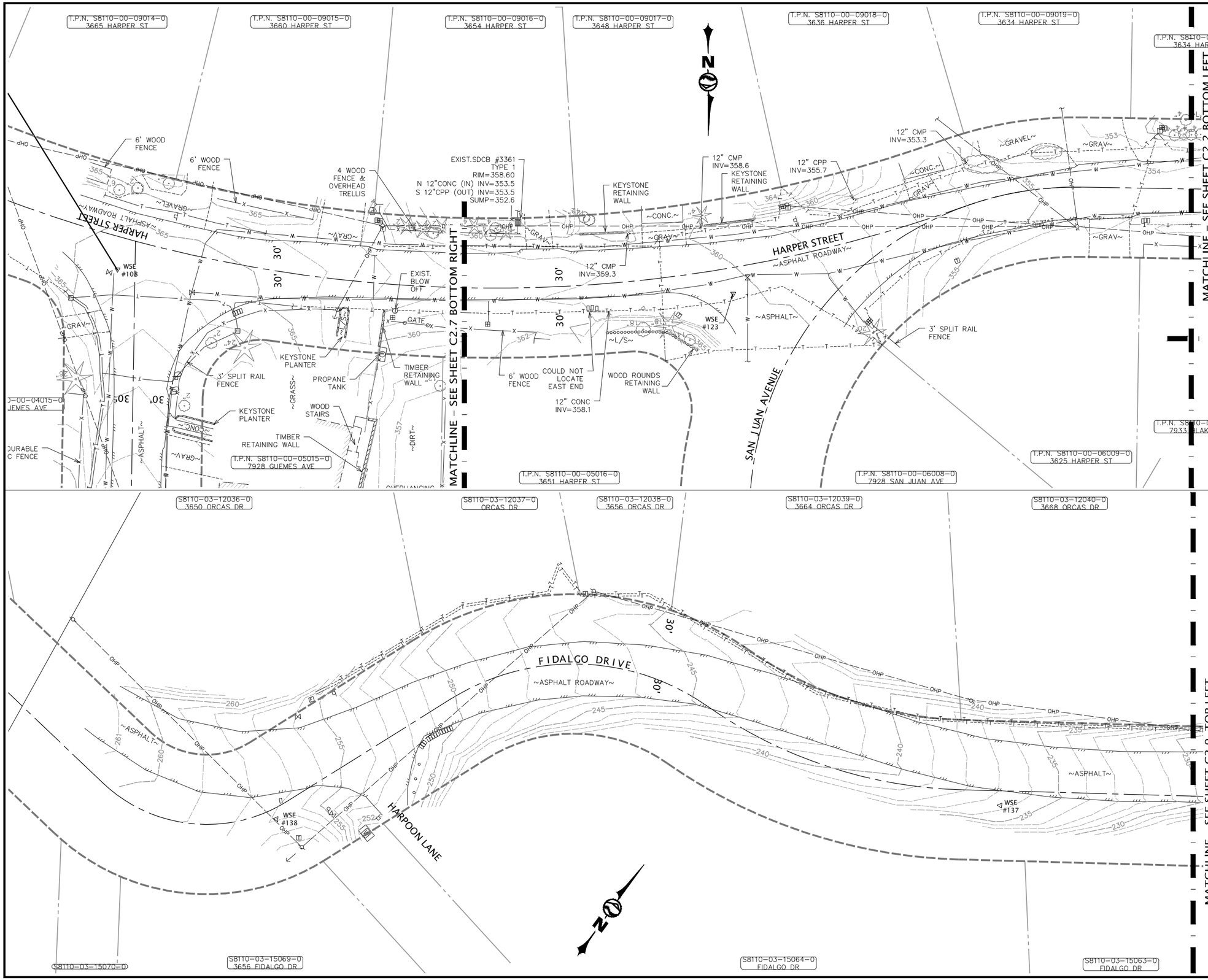
WATER SYSTEM IMPROVEMENTS

EXISTING CONDITIONS

DATE 12-8-22
SCALE AS SHOWN
JOB NUMBER 2022-013

SHEET C2.7
PAGE X OF X

PLOT SETTINGS: AutoCAD PDF (General Documentation).pc3, ANSI full bleed B (17.00 x 11.00 Inches), Portrait, 1:2, WE APWA_UNSCREENED.ctb
W:\2022\2022-013 SCATCHET HEAD WD WATER IMPROVEMENTS_MMM\DWG_V2019_NAD83_NAVD88\2022_2022-013 C2.1-C2.13 EXISTING CONDITIONS.DWG – 12/8/2022 1:54 PM – Jeff Smith



NO.	REVISIONS	BY	DATE

WILSON ENGINEERING
WILSONENGINEERING.COM

JONATHAN DARROW DAVIS
STATE OF WASHINGTON
PRELIMINARY
PROFESSIONAL LAND SURVEYOR

DRAWN BY CLM/JCS
CHECKED BY PJD

SCATCHET HEAD WATER DISTRICT

WHIDBEY ISLAND WASHINGTON

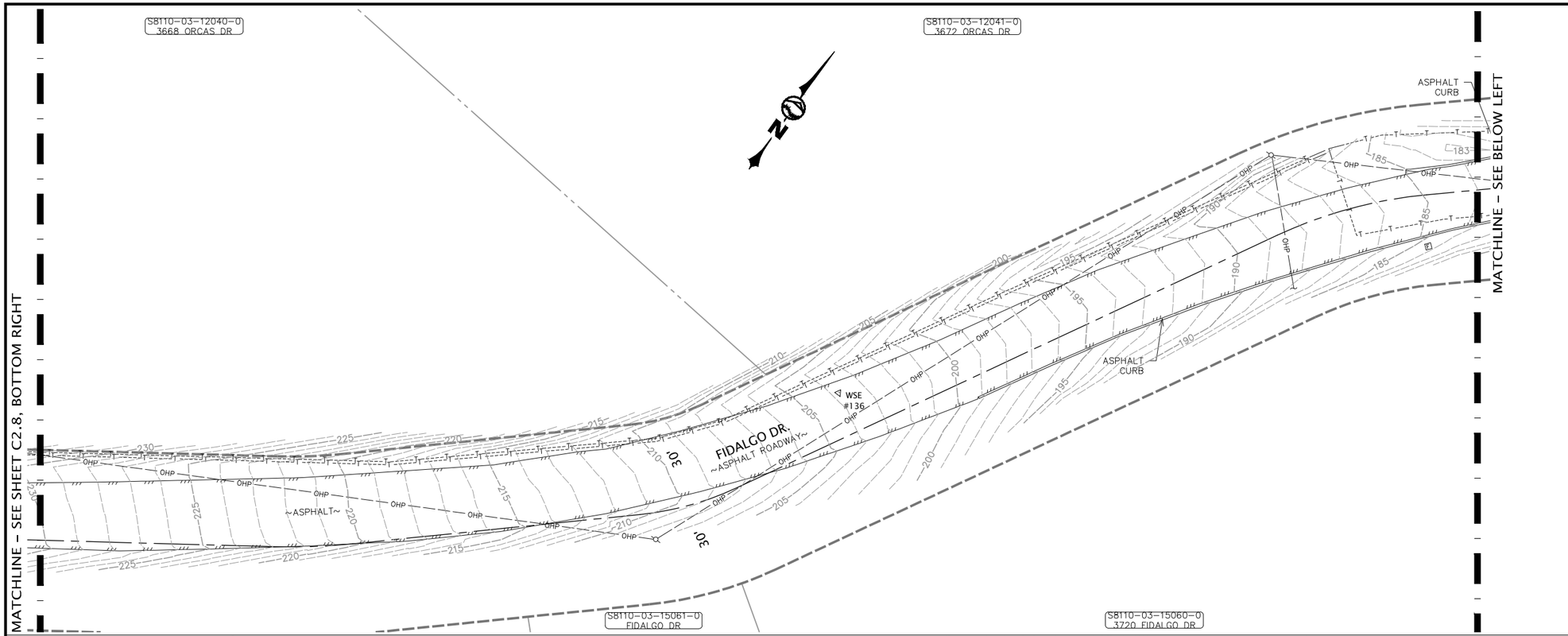
WATER SYSTEM IMPROVEMENTS

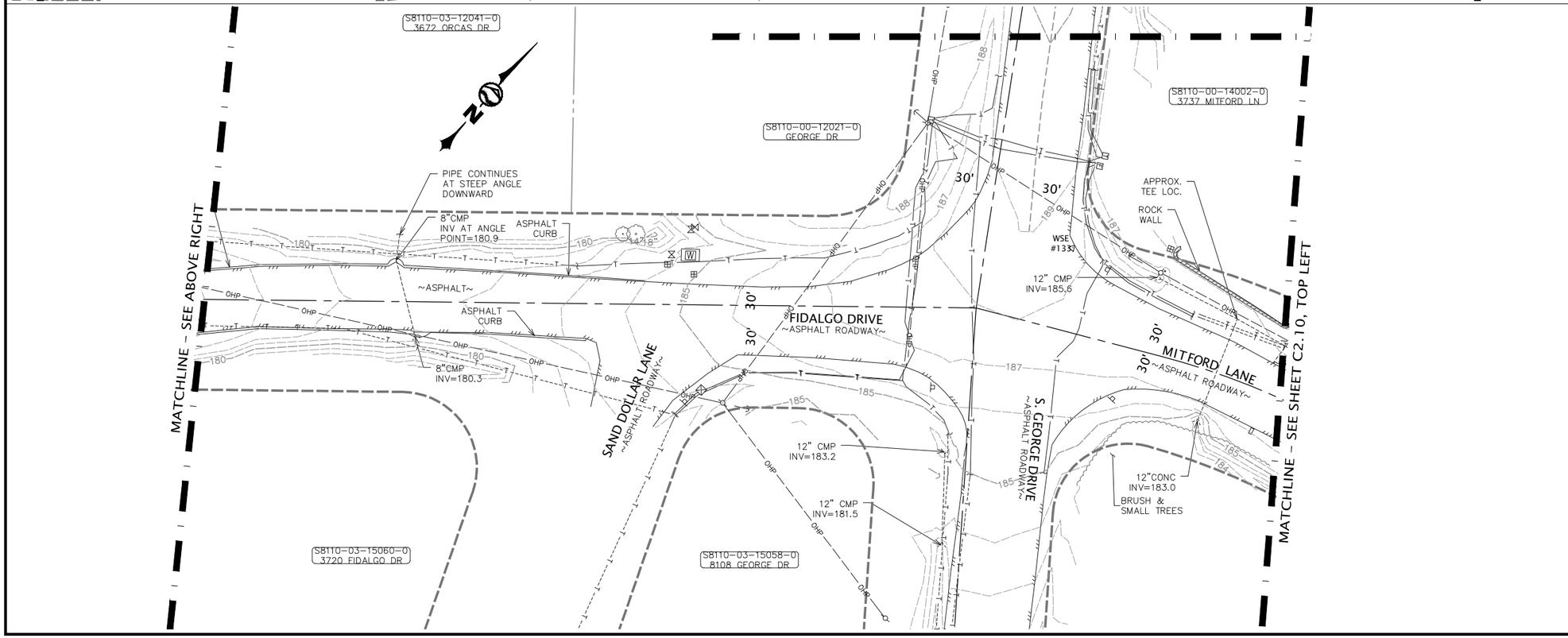
EXISTING CONDITIONS

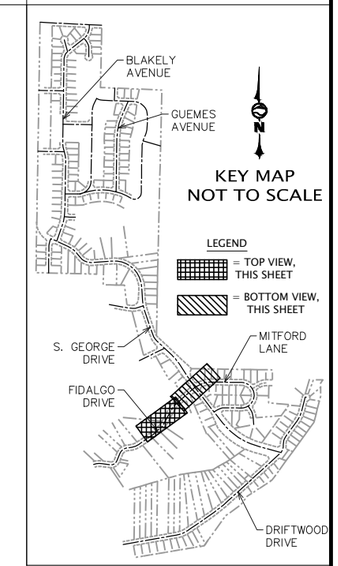
DATE 12-8-22
SCALE AS SHOWN
JOB NUMBER 2022-013

SHEET C2.8
PAGE X OF X

PLOT SETTINGS: AutoCAD PDF (General Documentation).pc3, ANSI full bleed B (17.00 x 11.00 Inches), Portrait, 1:2, WE APWA_UNSCREENED.ctb
W:\2022\2022-013 SCATCHET HEAD WD WATER IMPROVEMENTS_MMM\DWG_V2019_NAD83_NAVD88\2022_2022-013 C2.1-C2.13 EXISTING CONDITIONS.DWG – 12/8/2022 1:54 PM – Jeff Smith







20 0 20 40
SCALE HORIZONTAL SCALE FEET

Call 811 two business days before you dig

PRELIMINARY

NO.	REVISIONS	BY	DATE

WILSON ENGINEERING
WILSONENGINEERING.COM

PRELIMINARY
JONATHAN DARROW STONE
STATE OF WASHINGTON
PROFESSIONAL LAND SURVEYOR

DRAWN BY CLM/JCS
CHECKED BY PJD

SCATCHET HEAD WATER DISTRICT

WHIDBEY ISLAND WASHINGTON

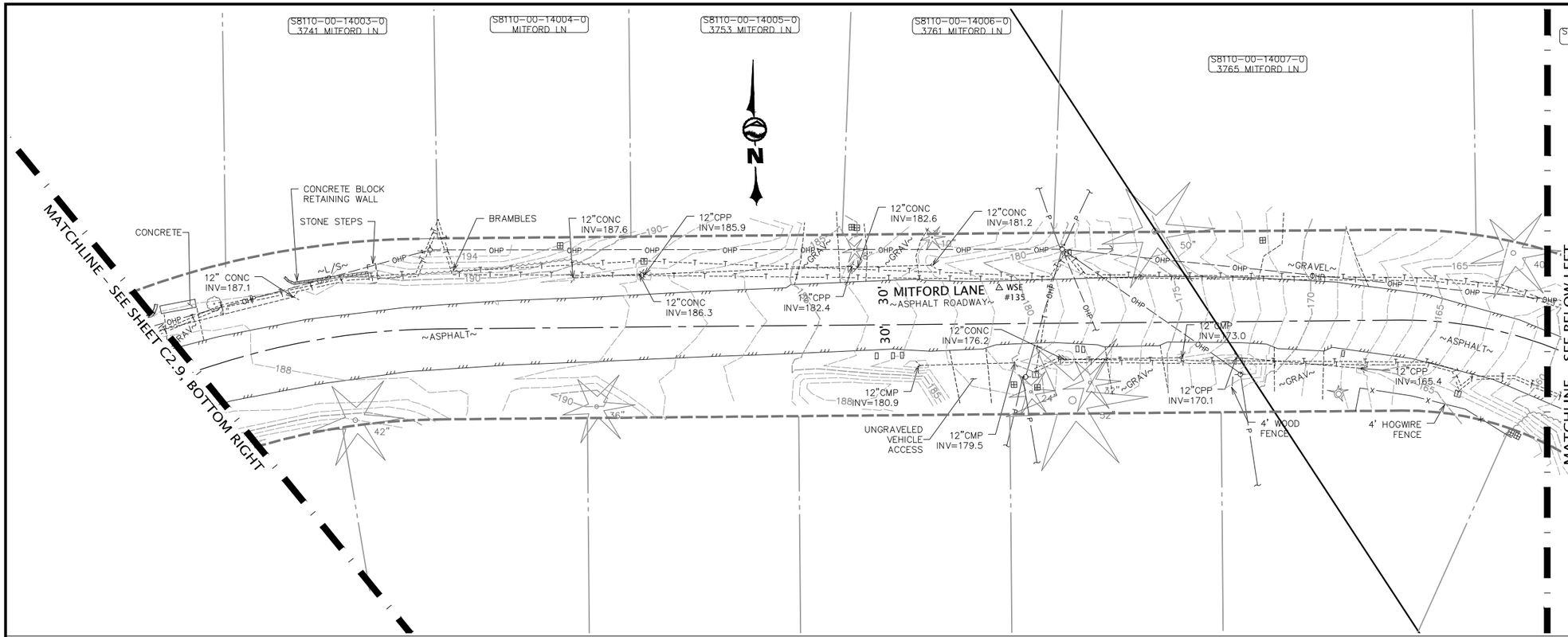
WATER SYSTEM IMPROVEMENTS

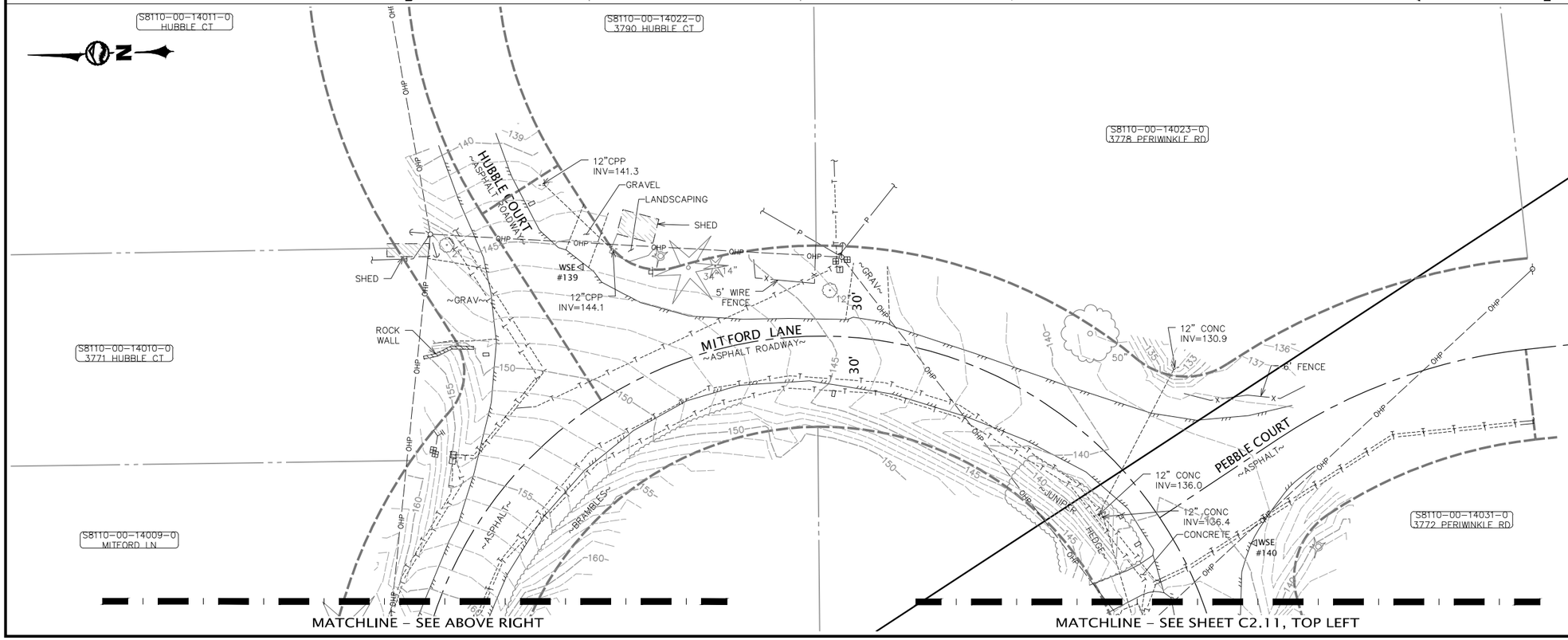
EXISTING CONDITIONS

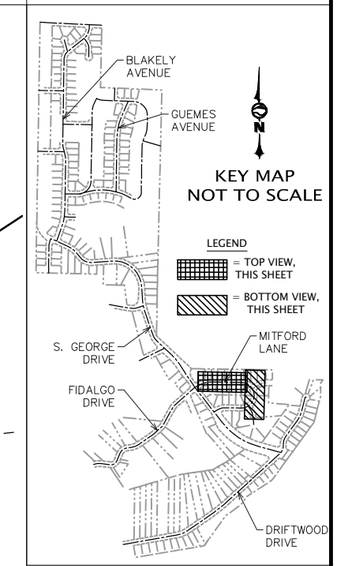
DATE 12-8-22
SCALE AS SHOWN
JOB NUMBER 2022-013

SHEET C2.9
PAGE X OF X

PLOT SETTINGS: AutoCAD PDF (General Documentation).pc3, ANSI full bleed B (17.00 x 11.00 Inches), Portrait, 1:2, WE APWA_UNSCREENED.ctb
W:\2022\2022-013 SCATCHET HEAD WD WATER IMPROVEMENTS_MMM\DWG_V2019_NAD83_NAVD88\2022_2022-013 C2.1-C2.13 EXISTING CONDITIONS.DWG – 12/8/2022 1:55 PM – Jeff Smith







20 0 20 40
SCALE HORIZONTAL SCALE FEET

Call 811 two business days before you dig

PRELIMINARY

NO.	REVISIONS	BY	DATE

WILSON ENGINEERING
WILSONENGINEERING.COM

JONATHAN DARROW STONE, STATE OF WASHINGTON, REGISTERED PROFESSIONAL ENGINEER
PRELIMINARY

DRAWN BY CLM/JCS
CHECKED BY PJD

SCATCHET HEAD WATER DISTRICT

WHIDBEY ISLAND WASHINGTON

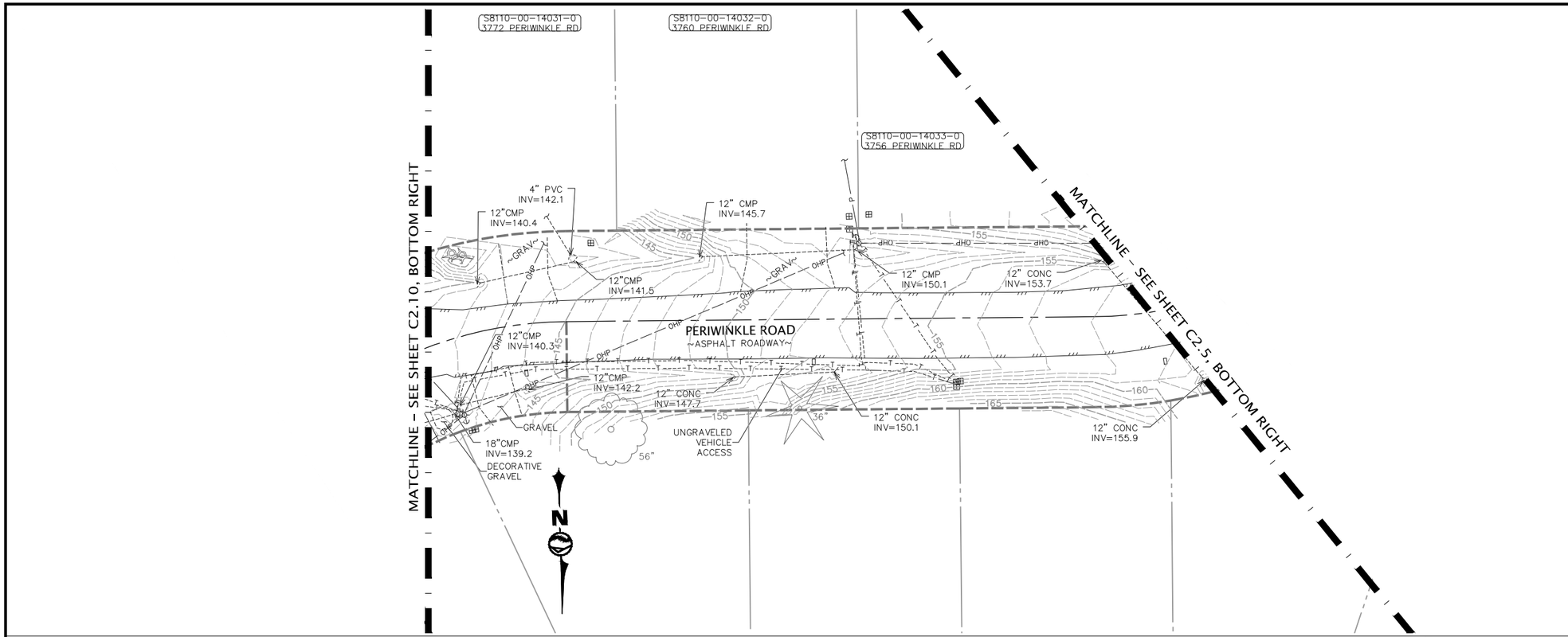
WATER SYSTEM IMPROVEMENTS

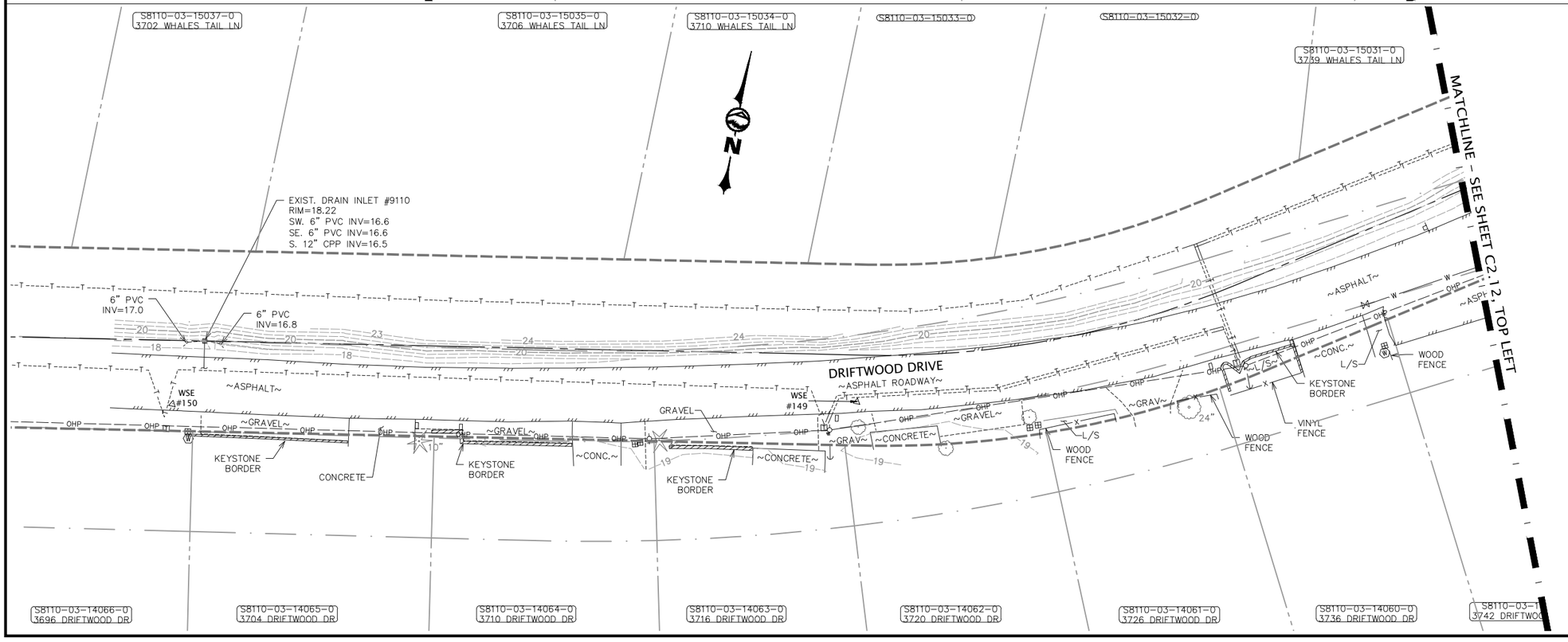
EXISTING CONDITIONS

DATE 12-8-22
SCALE AS SHOWN
JOB NUMBER 2022-013

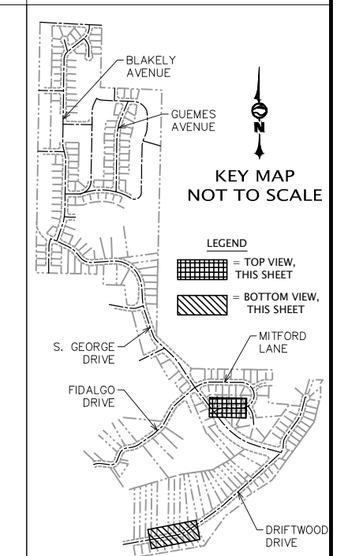
SHEET C2.10
PAGE X OF X

PLOT SETTINGS: AutoCAD PDF (General Documentation).pc3, ANSI full bleed B (17.00 x 11.00 Inches), Portrait, 1:2, WE APWA_UNSCREENED.ctb
W:\2022\2022-013 SCATCHET HEAD WD WATER IMPROVEMENTS_MMM\DWG_V2019_NAD83_NAVD88\2022_2022-013 C2.1-C2.13 EXISTING CONDITIONS.DWG - 12/8/2022 1:55 PM - Jeff Smith





NO.	REVISIONS	BY	DATE



20 0 20 40
SCALE HORIZONTAL SCALE FEET

Call 811 two business days before you dig

PRELIMINARY

WILSON ENGINEERING
WILSONENGINEERING.COM

PRELIMINARY
JONATHAN DARROW STONE
STATE OF WASHINGTON
PROFESSIONAL LAND SURVEYOR

DRAWN BY CLM/JCS
CHECKED BY PJD

SCATCHET HEAD WATER DISTRICT

WHIDBEY ISLAND WASHINGTON

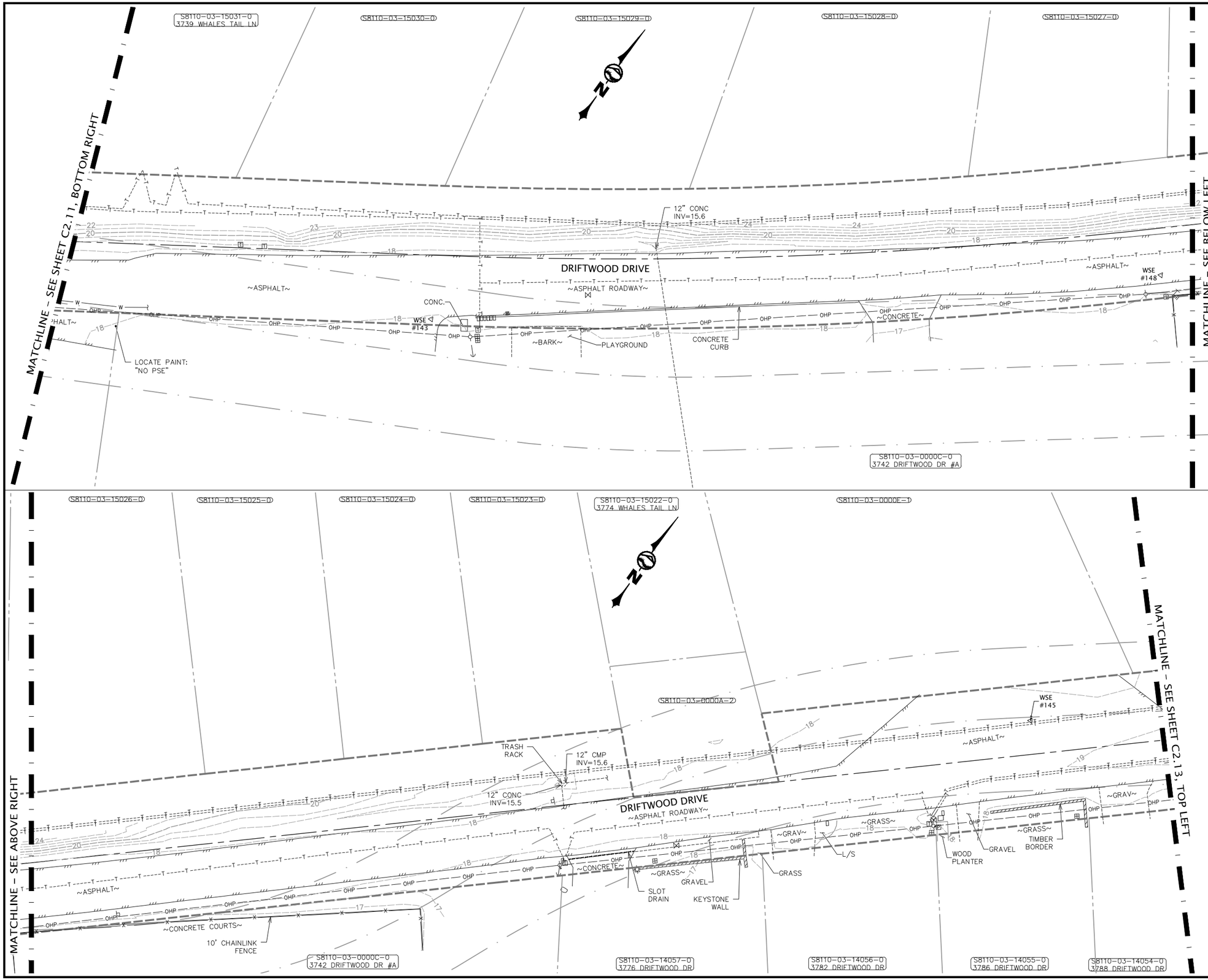
WATER SYSTEM IMPROVEMENTS

EXISTING CONDITIONS

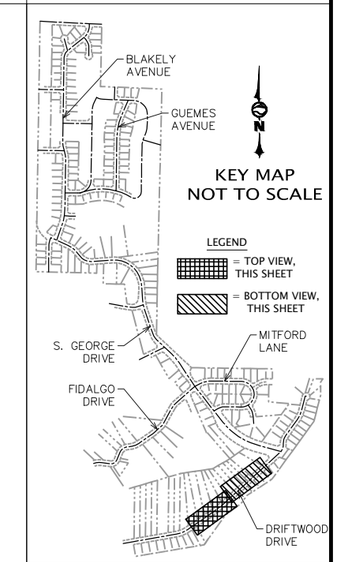
DATE 12-8-22
SCALE AS SHOWN
JOB NUMBER 2022-013

SHEET C2.11
PAGE X OF X

PLOT SETTINGS: AutoCAD PDF (General Documentation).pc3, ANSI full bleed B (17.00 x 11.00 Inches), Portrait, 1:2, WE APWA_UNSCREENED.ctb
W:\2022\2022-013 SCATCHET HEAD WD WATER IMPROVEMENTS_MMM\DWG_V2019_NAD83_NAVD88\2022_2022-013 C2.1-C2.13 EXISTING CONDITIONS.DWG - 12/8/2022 1:55 PM - Jeff Smith



NO.	REVISIONS	BY	DATE



20 0 20 40
SCALE HORIZONTAL SCALE FEET

Call 811 two business days before you dig

PRELIMINARY

WILSON ENGINEERING
WILSONENGINEERING.COM

PRELIMINARY
JONATHAN DARROW
STATE OF WASHINGTON
REGISTERED
PROFESSIONAL ENGINEER

DRAWN BY CLM/JCS
CHECKED BY PJD

SCATCHET HEAD WATER DISTRICT

WHIDBEY ISLAND WASHINGTON

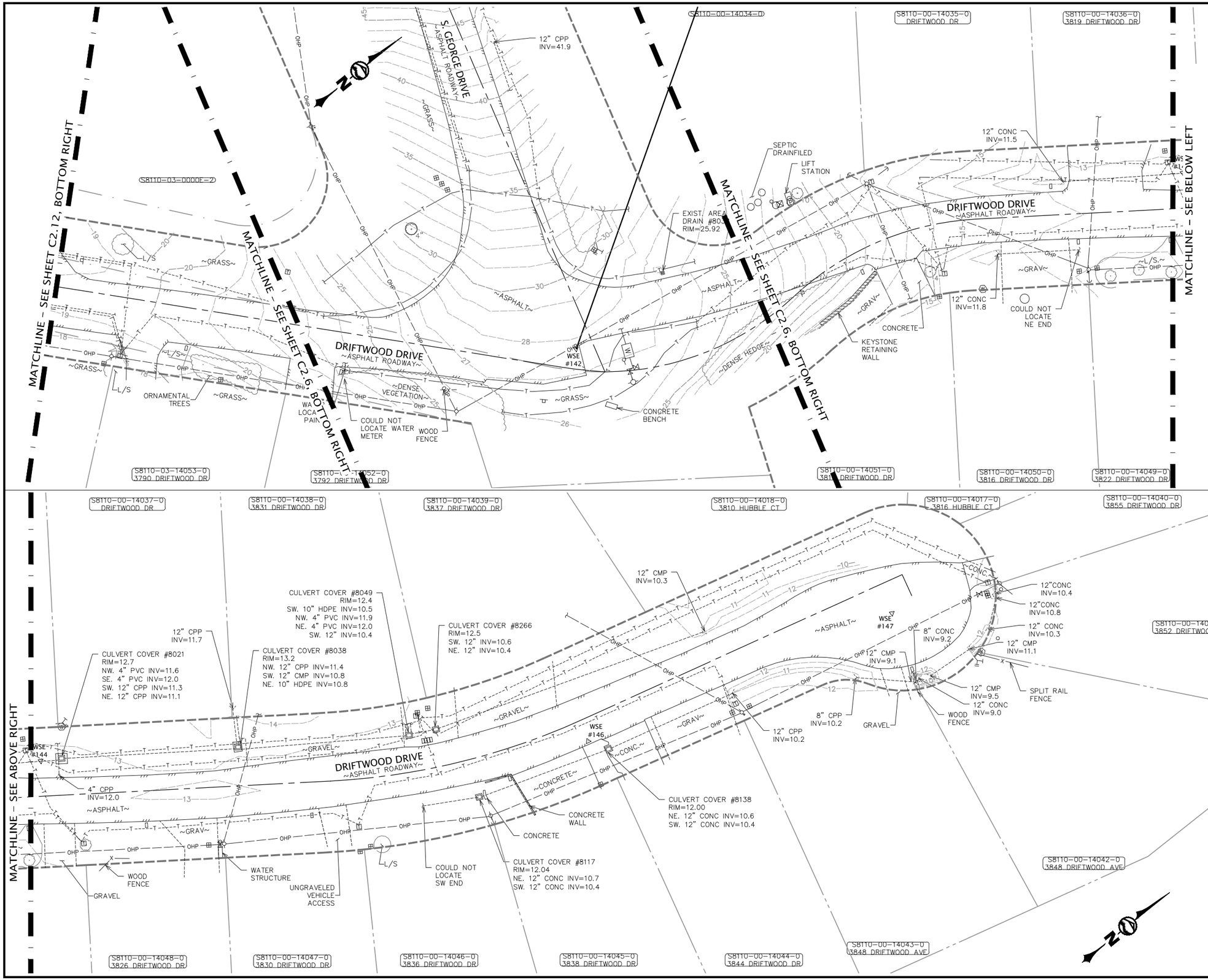
WATER SYSTEM IMPROVEMENTS

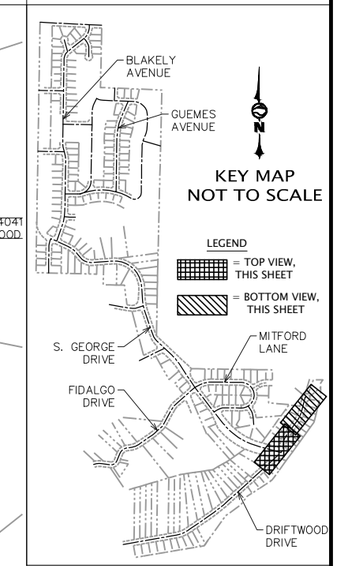
EXISTING CONDITIONS

DATE 12-8-22
SCALE AS SHOWN
JOB NUMBER 2022-013

SHEET C2.12
PAGE X OF X

PLOT SETTINGS: AutoCAD PDF (General Documentation).pc3, ANSI full bleed B (17.00 x 11.00 inches), Portrait, 1:2, WE APWA_LINSCREENED.ctb
W:\2022\2022-013 SCATCHET HEAD WD WATER IMPROVEMENTS_MMM\DWG_V2019_NAD83_NAVD88\V2022_2022-013 C2.1-C2.13 EXISTING CONDITIONS.DWG – 12/8/2022 1:55 PM – Jeff Smith





20 0 20 40
SCALE HORIZONTAL SCALE FEET

Call 811 two business days before you dig

PRELIMINARY

NO.	REVISIONS	BY	DATE

WILSON ENGINEERING
WILSONENGINEERING.COM

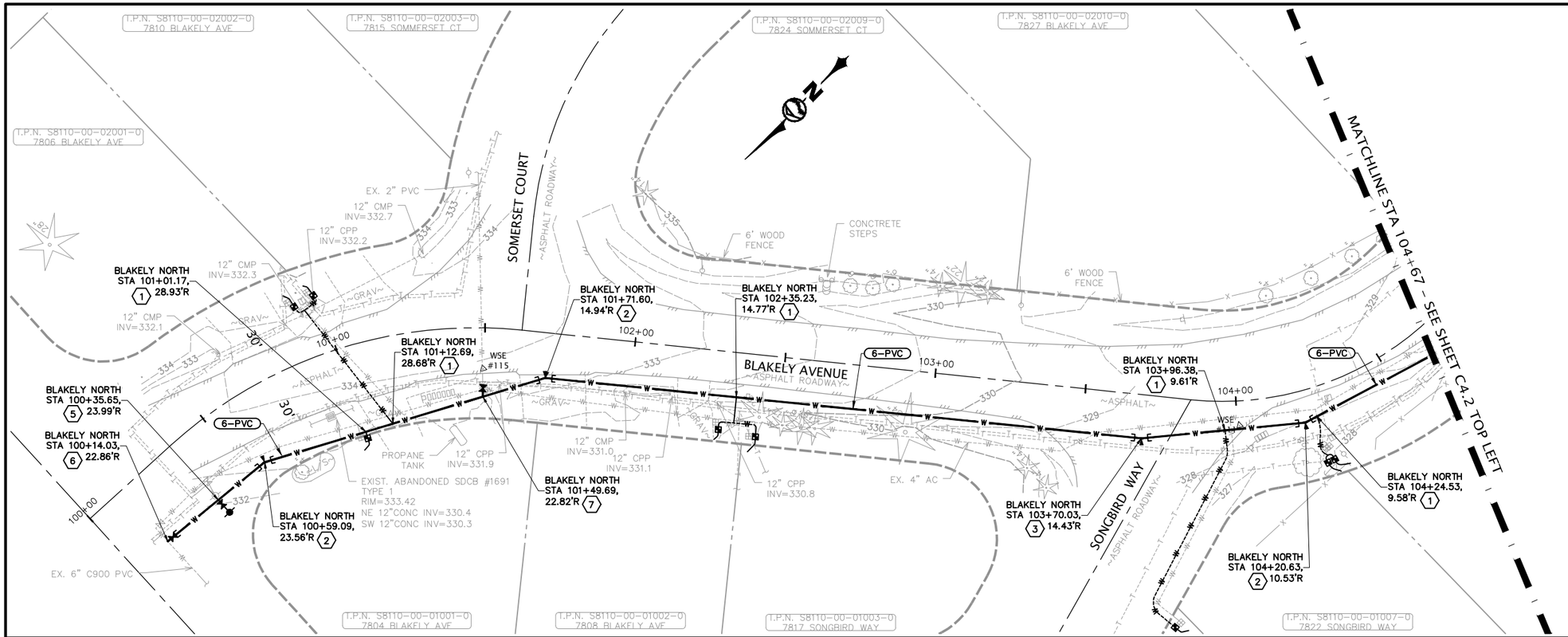
JONATHAN DARROW WILSON STATE OF WASHINGTON 40708 REGISTERED PROFESSIONAL ENGINEER
PRELIMINARY

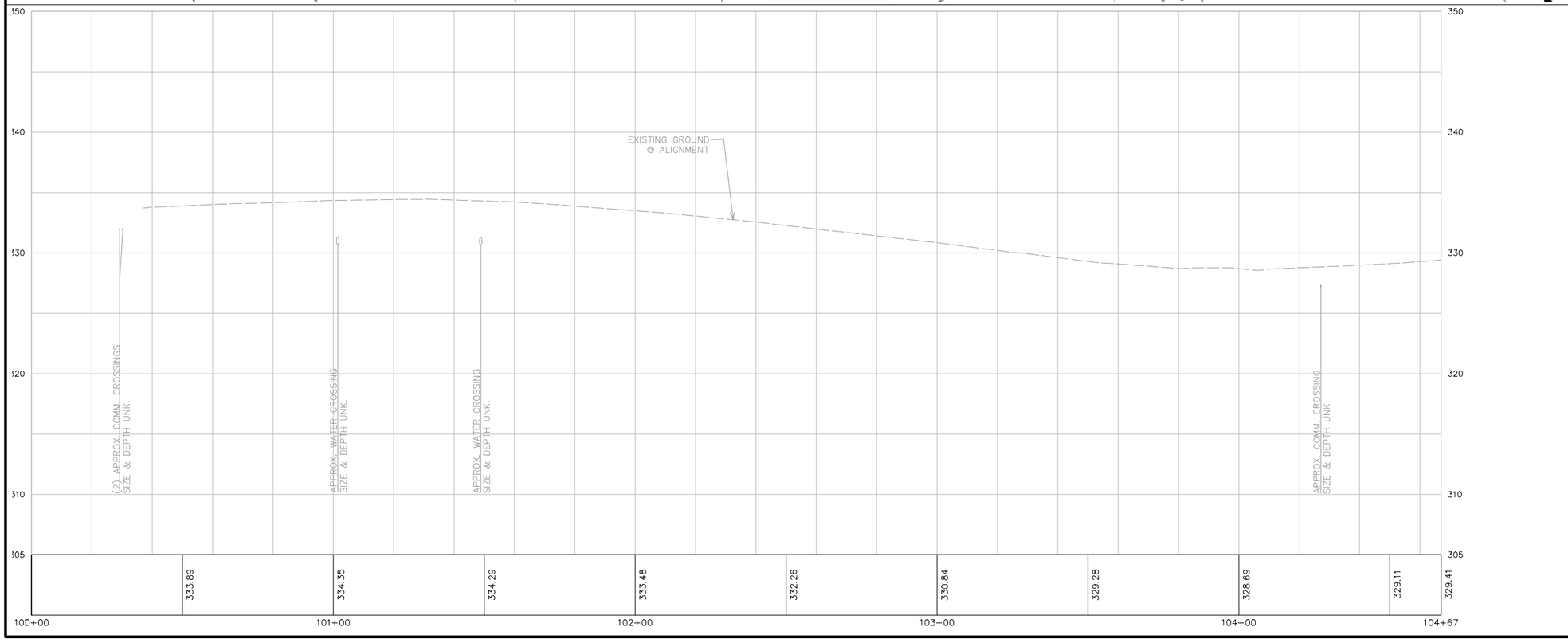
DRAWN BY CLM/JCS
CHECKED BY PJD

SCATCHET HEAD WATER DISTRICT
WHIDBEY ISLAND WASHINGTON
WATER SYSTEM IMPROVEMENTS
EXISTING CONDITIONS

DATE 12-8-22
SCALE AS SHOWN
JOB NUMBER 2022-013
SHEET C2.13
PAGE X OF X

PLOT SETTINGS: AutoCAD PDF (General Documentation).pc3, ANSI full bleed B (17.00 x 11.00 Inches), Portrait, 1:2, WE APWA_UNSCREENED.ctb
W:\2022\2022-013 SCATCHET HEAD WD WATER IMPROVEMENTS_MMM\DWG_V2019_NAD83_NAVD88\2022_2022-013 C2.1-C2.13 EXISTING CONDITIONS.DWG – 12/8/2022 1:56 PM – Jeff Smith

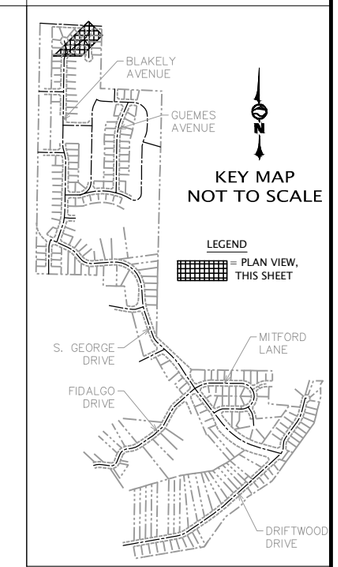




NO.	REVISIONS	BY	DATE

KEYED NOTES

1. = SERVICE CONNECTION PER X/X
2. = 6" 22-1/2° BEND MJxMJ, THRUST BLOCKING
3. = 6" 11-1/4° BEND MJxMJ, THRUST BLOCKING
4. = **INTENTIONALLY BLANK**
5. = HYDRANT ASS'Y PER X/X
6. = HOT TAP CONNECTION TO EXISTING 6" PVC. (1) 6" GV
7. = CONNECT TO EX. 2" GV



20 0 20 40
SCALE HORIZONTAL SCALE FEET

Call 811 two business days before you dig

PRELIMINARY

WILSON ENGINEERING
WILSONENGINEERING.COM

PRELIMINARY
CHRISTOPHER D. SCHOENFELDER
STATE OF WASHINGTON
46471
REGISTERED PROFESSIONAL ENGINEER

DESIGNED BY	DRAWN BY	CHECKED BY
CDS/MKW	JGS	MMM

SCATCHET HEAD WATER DISTRICT

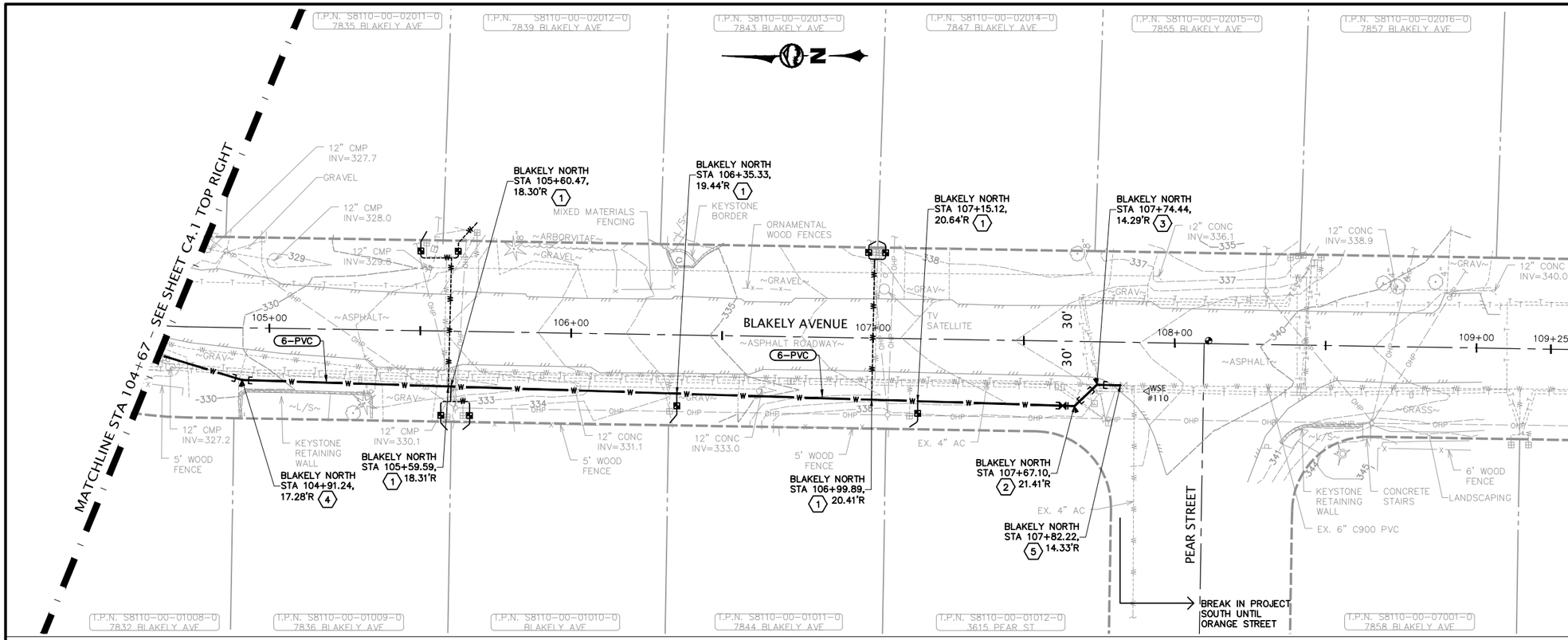
WHIDBEY ISLAND WASHINGTON

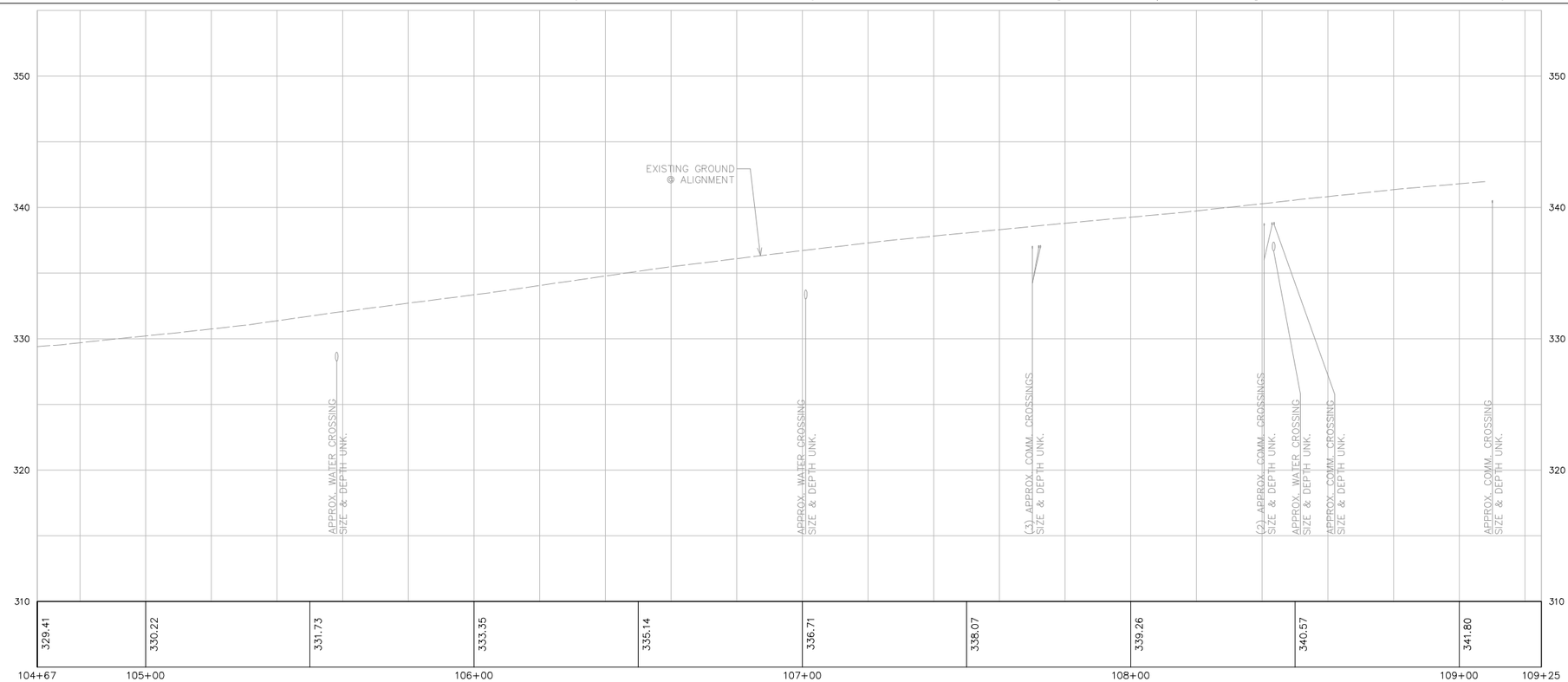
WATER SYSTEM IMPROVEMENTS

BLAKELY AVENUE NORTH – STA 100+00 TO STA 104+67

SHEET	DATE	SCALE	JOB NUMBER	PAGE
C4.1	12-8-22	AS SHOWN	2022-013	X OF X

PLOT SETTINGS: AutoCAD PDF (General Documentation).pc3, ANSI full bleed B (17.00 x 11.00 Inches), Portrait, 1:2, WE APWA_UNSCREENED.ctb
W:\2022\2022-013 SCATCHET HEAD WD WATER IMPROVEMENTS_MMM\DWG_V2019_NAD83_NAVD88\V2022_2022-013 C4.1-C4.5 BLAKELY PLAN & PROFILES.DWG – 12/8/2022 1:56 PM – Jeff Smith

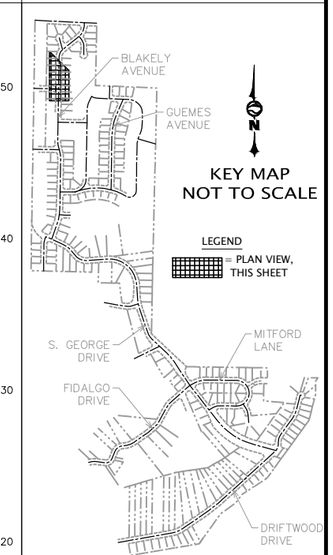




NO.	REVISIONS	BY	DATE

KEYED NOTES

1. = SERVICE CONNECTION PER X/X
2. = 6" 45° BEND FLxMJ, 6" GV FLxMJ THRUST BLOCKING
3. = 6" 45° BEND MJxMJ, THRUST BLOCKING
4. = 6" 11-1/4° BEND MJxMJ, THRUST BLOCKING
5. = CONNECT TO EX. GV



20 0 20 40
SCALE HORIZONTAL SCALE FEET

811 Call 811 two business days before you dig

PRELIMINARY

WILSON ENGINEERING
WILSONENGINEERING.COM

PRELIMINARY

DESIGNED BY CDS/MKW
DRAWN BY JGS
CHECKED BY MMM

SCATCHET HEAD WATER DISTRICT
WHIDBEY ISLAND WASHINGTON

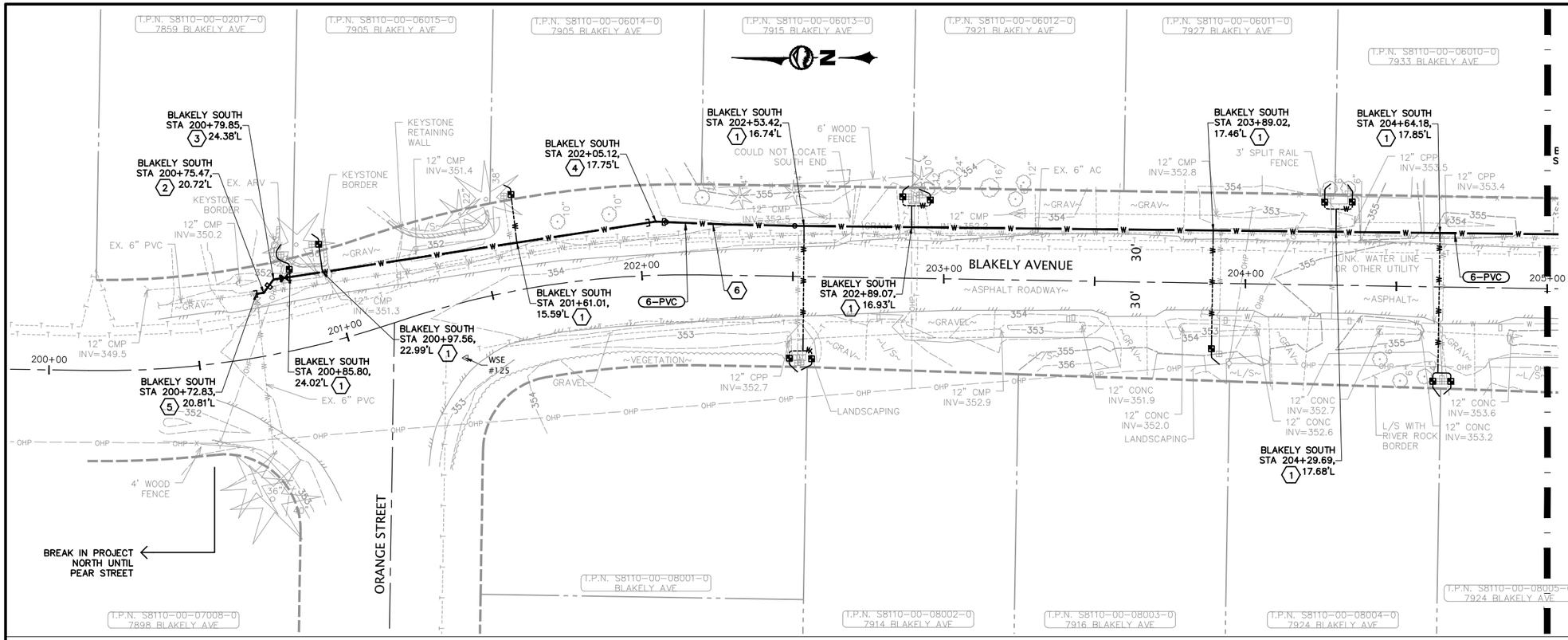
WATER SYSTEM IMPROVEMENTS

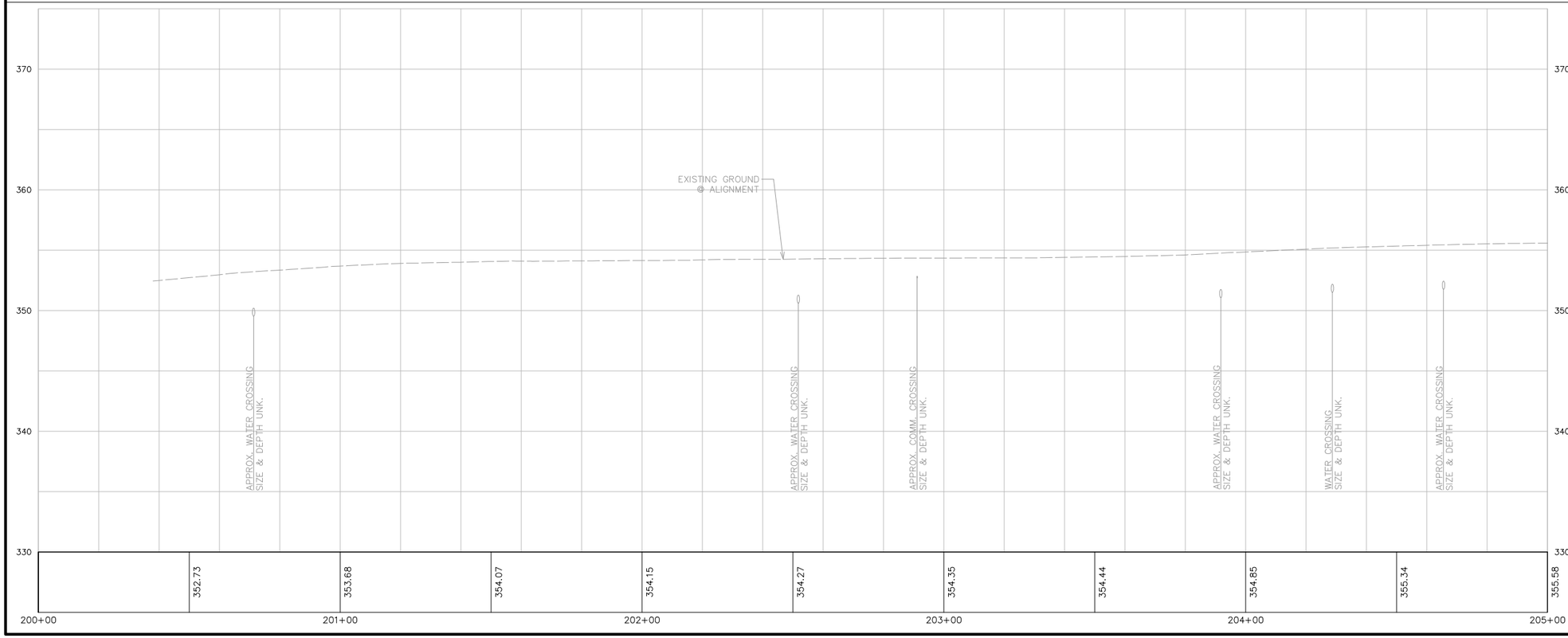
BLAKELY AVENUE NORTH – STA 104+67 TO STA 109+25

DATE 12-8-22
SCALE AS SHOWN
JOB NUMBER 2022-013

SHEET C4.2
PAGE X OF X

PLOT SETTINGS: AutoCAD PDF (General Documentation).pc3, ANSI full bleed B (17.00 x 11.00 Inches), Portrait, 1:2, WE_APWA_UNSCREENED.ctb
W:\2022\2022-013 SCATCHET HEAD WD WATER IMPROVEMENTS_MMM\DWG_V2019_NAD83_NAVD88\V2022_2022-013 C4.1-C4.5 BLAKELY PLAN & PROFILES.DWG – 12/8/2022 1:57 PM – Jeff Smith

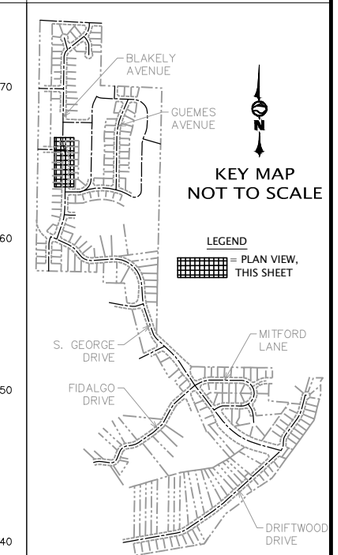




NO.	REVISIONS	BY	DATE

KEYED NOTES

1. = SERVICE CONNECTION PER X/X
2. = 6" 45° BEND MJxMJ, THRUST BLOCKING
3. = 6" 45° BEND FLxMJ, 6" GV MJxFL, THRUST BLOCKING
4. = 6" 11-1/4° BEND MJxMJ, THRUST BLOCKING
5. = CONNECT TO EX. 6" TEE
6. = MIN. 175' RADIUS



20 0 20 40
SCALE HORIZONTAL SCALE FEET

811 Call 811 two business days before you dig

PRELIMINARY

WILSON ENGINEERING
WILSONENGINEERING.COM

PRELIMINARY

DESIGNED BY CDS/MKW
DRAWN BY JGS
CHECKED BY MMM

SCATCHET HEAD WATER DISTRICT
WHIDBEY ISLAND WASHINGTON

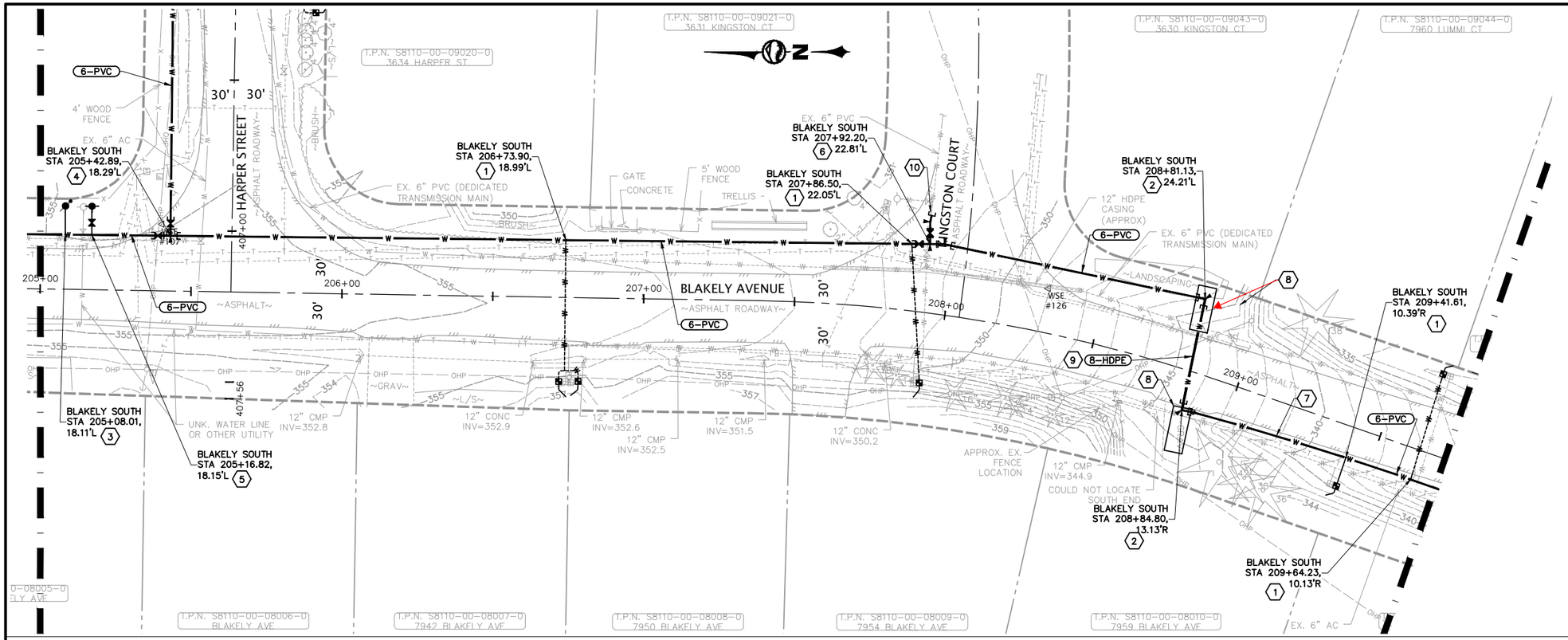
WATER SYSTEM IMPROVEMENTS

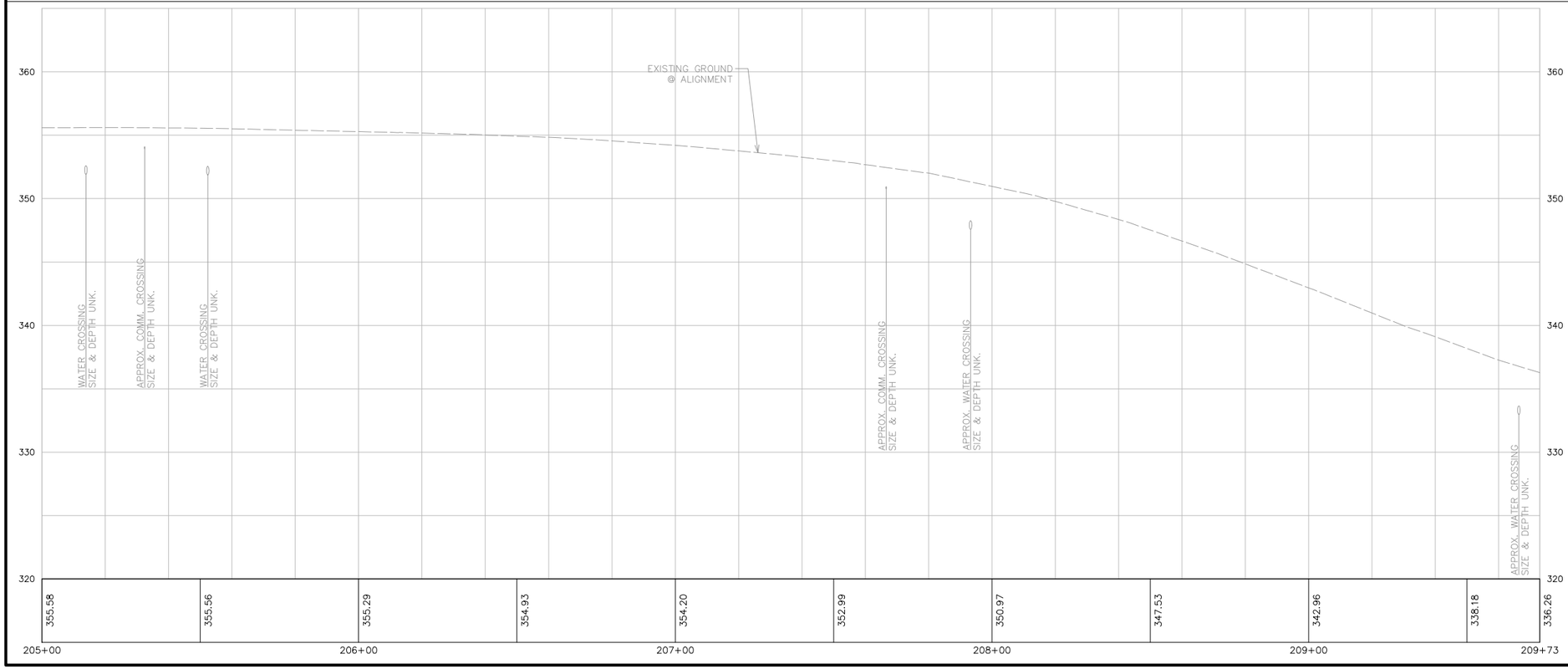
BLAKELY AVENUE SOUTH – STA 200+00 TO STA 205+00

DATE 12-8-22
SCALE AS SHOWN
JOB NUMBER 2022-013

SHEET C4.3
PAGE X OF X

PLOT SETTINGS: AutoCAD PDF (General Documentation).pc3, ANSI full bleed B (17.00 x 11.00 Inches), Portrait, 1:2, WE APWA_UNSCREENED.ctb
W:\2022\2022-013 SCATCHET HEAD WD WATER IMPROVEMENTS_MMM\DWG_V2019_NAD83_NAVD88\V2022_2022-013 C4.1-C4.5 BLAKELY PLAN & PROFILES.DWG – 12/8/2022 1:57 PM – Jeff Smith

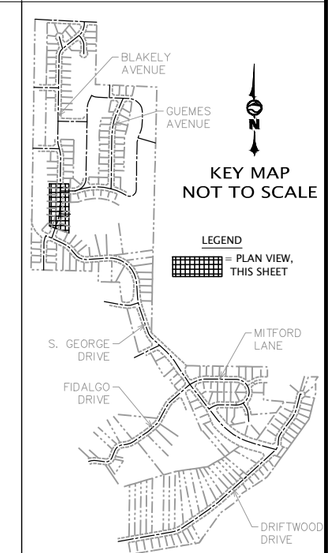




NO.	REVISIONS	BY	DATE

KEYED NOTES

1. = SERVICE CONNECTION PER X/X
2. = 6"x8" 90° BEND MJxMJ, THRUST BLOCKING
3. = COMBINATION AIR/VACUUM RELIEF VALVE. LOCATE AT HIGH POINT PER X/X
4. = 6" TEE FLxFLxMJ, (2) 6" GVs FLxMJ, THRUST BLOCKING
5. = HYDRANT ASS'Y PER X/X
6. = 6" TEE FLxFLxFL, 6" GV FLxMJ, 6" GV FLxFL, (2) 11-1/4° BENDs FLxMJ, THRUST BLOCKING
7. = MIN. 175' RADIUS
8. = HORIZONTAL DIRECTIONAL DRILL PIT
9. = 8" HDPE INSTALLED BY HORIZONTAL DIRECTIONAL DRILLING. HDPE ADAPTERS/FITTINGS AS REQUIRED
10. = CONNECT TO EX. 6" PVC



20 0 20 40
SCALE HORIZONTAL SCALE FEET

Call 811 two business days before you dig

PRELIMINARY

WILSON ENGINEERING
WILSONENGINEERING.COM

PRELIMINARY
CURT SCHENFELDER
STATE OF WASHINGTON
36842
REGISTERED PROFESSIONAL ENGINEER

DESIGNED BY	DRAWN BY	CHECKED BY
CDS/MKW	JGS	MMM

SCATCHET HEAD WATER DISTRICT
WHIDBEY ISLAND WASHINGTON

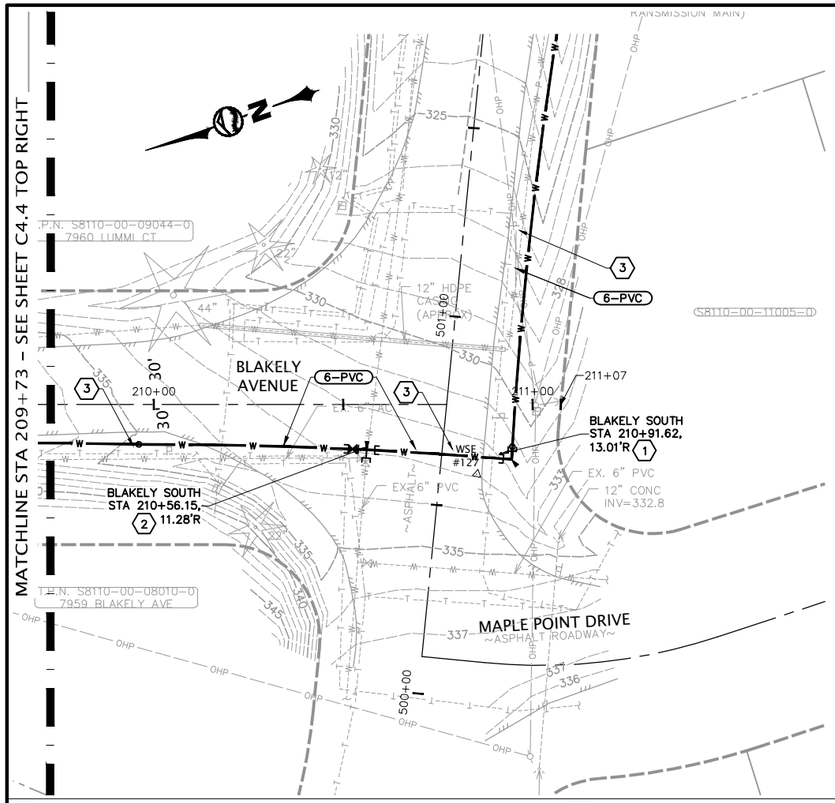
WATER SYSTEM IMPROVEMENTS

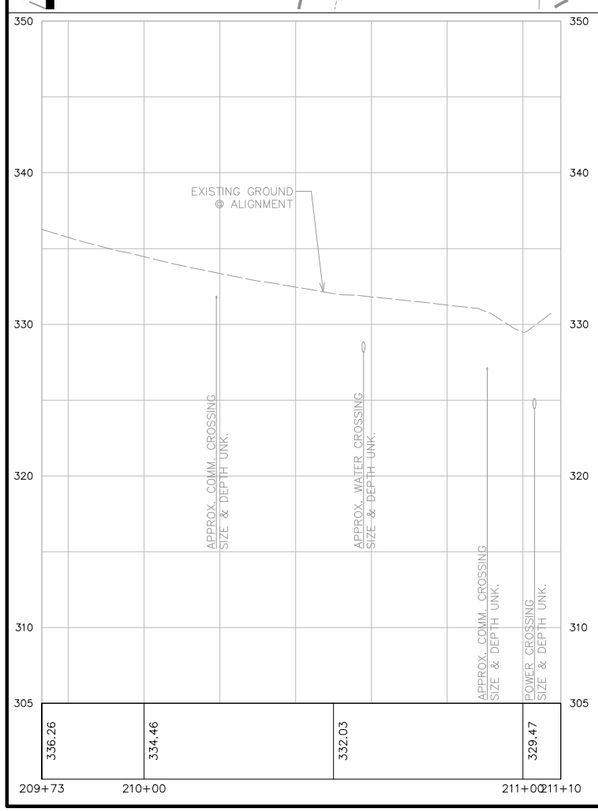
BLAKELY AVENUE SOUTH – STA 205+00 TO STA 209+73

DATE	SCALE	JOB NUMBER
12-8-22	AS SHOWN	2022-013

SHEET C4.4 PAGE X OF X

PLOT SETTINGS: AutoCAD PDF (General Documentation).pc3, ANSI full bleed B (17.00 x 11.00 Inches), Portrait, 1:2, WE_APWA_UNSCREENED.ctb
W:\2022\2022-013 SCATCHET HEAD WD WATER IMPROVEMENTS_MMM\DWG_V2019_NAD83_NAVD88\V2022_2022-013 C4.1-C4.5 BLAKELY PLAN & PROFILES.DWG – 12/8/2022 1:58 PM – Jeff Smith

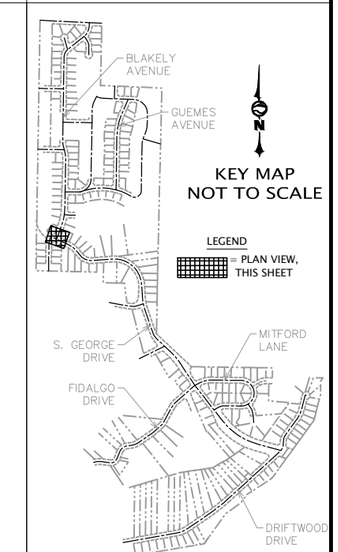




NO.	REVISIONS	BY	DATE

KEYED NOTES

1. = 6" 90° BEND MJxMJ, THRUST BLOCKING
2. = CONNECT TO EXISTING 6" TEE FLxMJxMJ, 6" GV FLxMJ, THRUST BLOCKING
3. = MIN. 175' RADIUS



20 0 20 40
SCALE HORIZONTAL SCALE FEET

811 Call 811 two business days before you dig

PRELIMINARY

WILSON ENGINEERING
WILSONENGINEERING.COM

PROFESSIONAL ENGINEER
CURTIS D. SCHENFELDER
STATE OF WASHINGTON
PRELIMINARY

DESIGNED BY	DRAWN BY	CHECKED BY
CDS/MXW	JGS	MMM

SCATCHET HEAD WATER DISTRICT

WHIDBEY ISLAND WASHINGTON

WATER SYSTEM IMPROVEMENTS

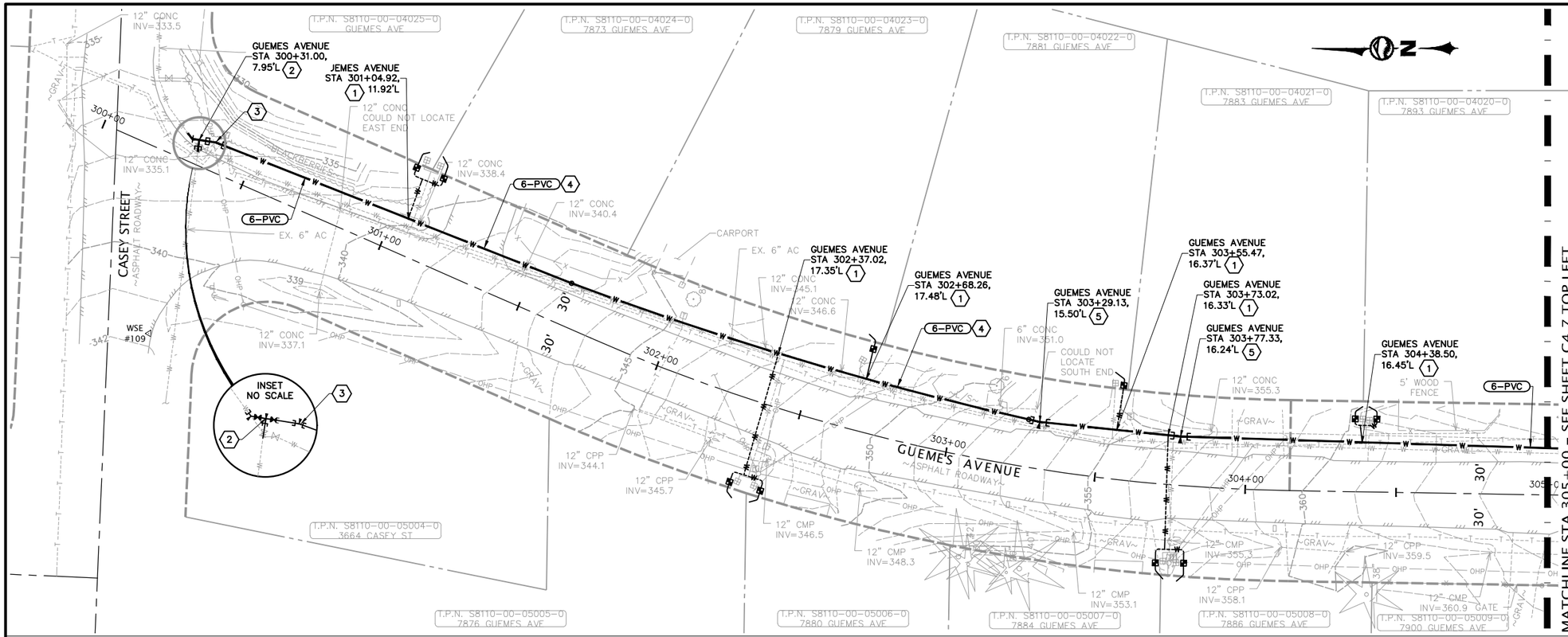
BLAKELY AVENUE SOUTH – STA 209+73 TO STA 211+07

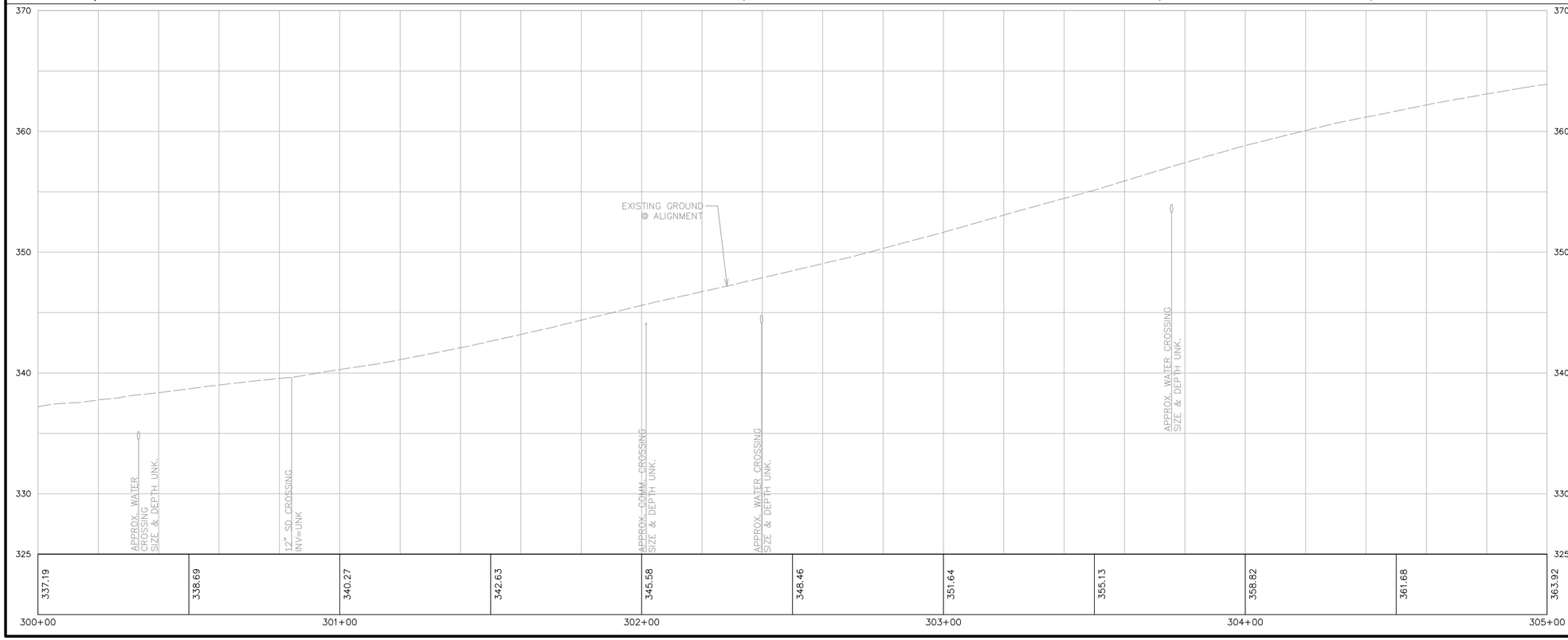
DATE	SCALE	JOB NUMBER
12-8-22	AS SHOWN	2022-013

SHEET C4.5

PAGE X OF X

PLOT SETTINGS: AutoCAD PDF (General Documentation).pc3, ANSI full bleed B (17.00 x 11.00 Inches), Portrait, 1:2, WE APWA_UNSCREENED.ctb
W:\2022\2022-013 SCATCHET HEAD WD WATER IMPROVEMENTS_MMM\DWG_V2019_NAD83_NAVD88\V2022_2022-013 C4.1-C4.5 BLAKELY PLAN & PROFILES.DWG – 12/8/2022 1:58 PM – Jeff Smith

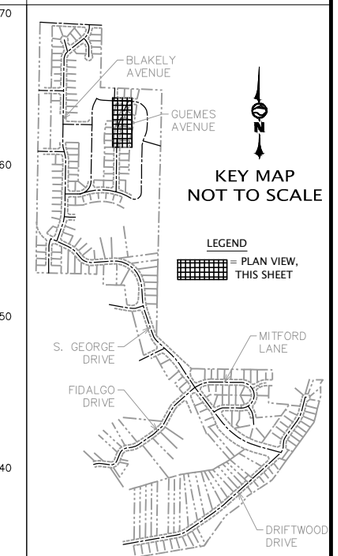




NO.	REVISIONS	BY	DATE

KEYED NOTES

1. = SERVICE CONNECTION PER (X/X)
2. = 6" TEE FLxMJxFL, (2) 6" GVs MJxFL, 6" 45° BEND FLxMJ, THRUST BLOCKING, CONNECT TO EX. 6" PVC (NORTH), CONNECT TO EX. GV (WEST)
3. = 6" 11-1/4° BEND MJxMJ, THRUST BLOCKING
4. = MIN. 175' RADIUS
5. = BEND AS REQUIRED, THRUST BLOCKING



20 0 20 40
SCALE HORIZONTAL SCALE FEET

811 Call 811 two business days before you dig

PRELIMINARY

WILSON ENGINEERING
WILSONENGINEERING.COM

PRELIMINARY

DESIGNED BY	DRAWN BY	CHECKED BY
XXX	JGS	CDS

SCATCHET HEAD WATER DISTRICT
WHIDBEY ISLAND WASHINGTON

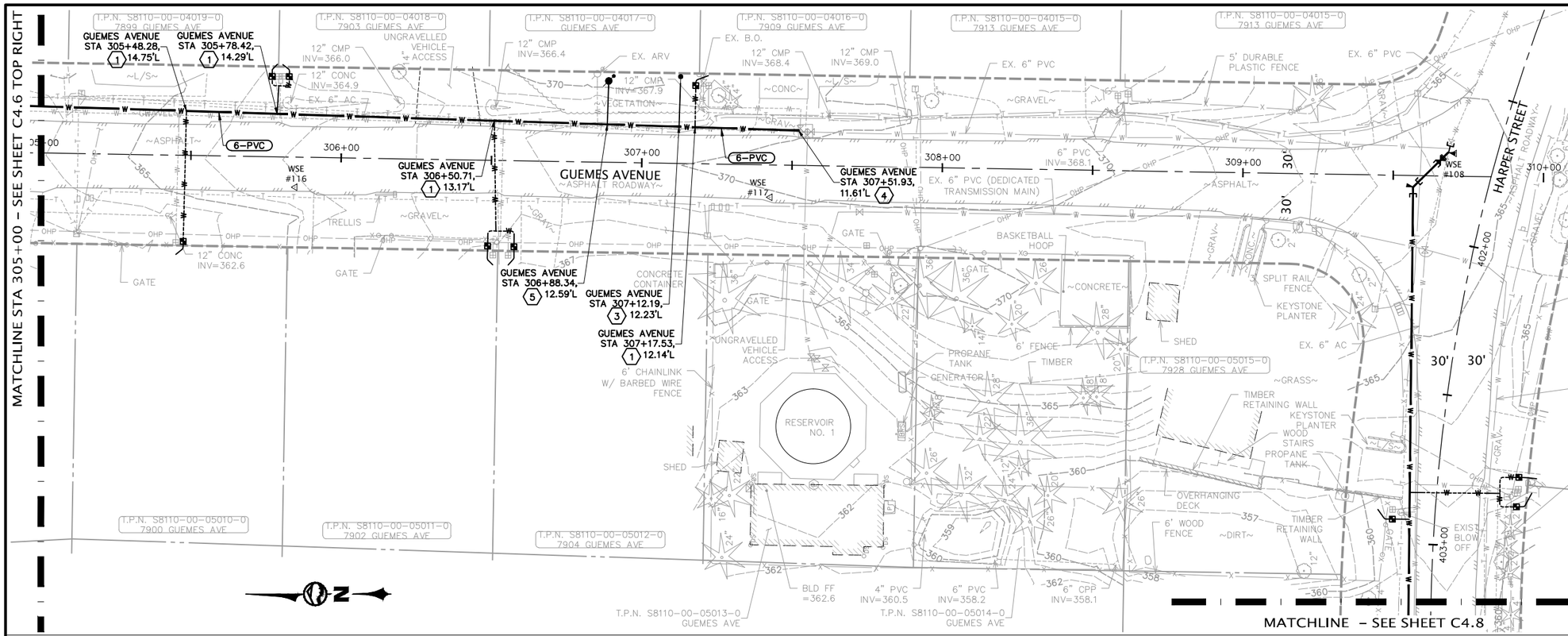
WATER SYSTEM IMPROVEMENTS

GUEMES AVENUE – STA 300+00 TO STA 305+00

DATE	SCALE	JOB NUMBER
12-8-22	AS SHOWN	2022-013

SHEET C4.6 PAGE X OF X

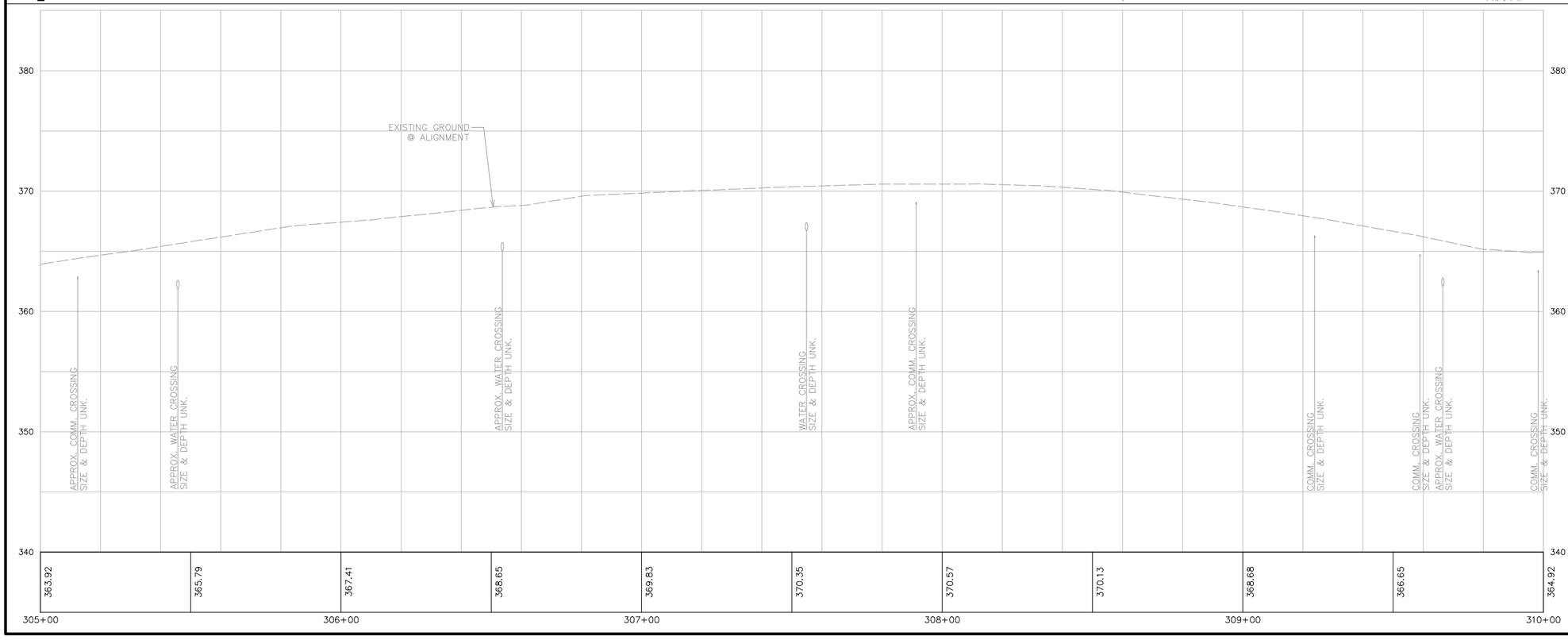
PLOT SETTINGS: AutoCAD PDF (General Documentation).pc3, ANSI full bleed B (17.00 x 11.00 Inches), Portrait, 1:2, WE APWA_UNSCREENED.ctb
W:\2022\2022-013 SCATCHET HEAD WD WATER IMPROVEMENTS_MMM\DWG_V2019_NAD83_NAVD88\2022_2022-013 C4.6-C4.9 GUEMES & HARPER PLAN & PROFILES.DWG – 12/8/2022 1:59 PM – Jeff Smith

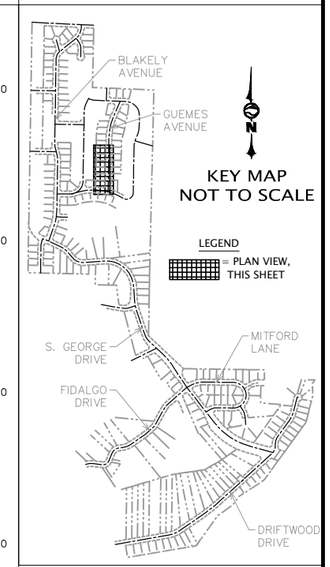


NO.	REVISIONS	BY	DATE

KEYED NOTES

1. = SERVICE CONNECTION PER X/X
2. = 6" BEND MJxMJ AS REQUIRED, THRUST BLOCKING
3. = BLOW-OFF VALVE PER X/X
4. = CONNECT TO EX. 6" GATE VALVE
5. = COMBINATION AIR/VACUUM RELIEF VALVE. LOCATE AT HIGH POINT PER X/X





20 0 20 40
SCALE HORIZONTAL SCALE FEET

Call 811 two business days before you dig

PRELIMINARY

WILSON ENGINEERING
WILSONENGINEERING.COM

PRELIMINARY

DESIGNED BY	DRAWN BY	CHECKED BY
XXX	JGS	CDS

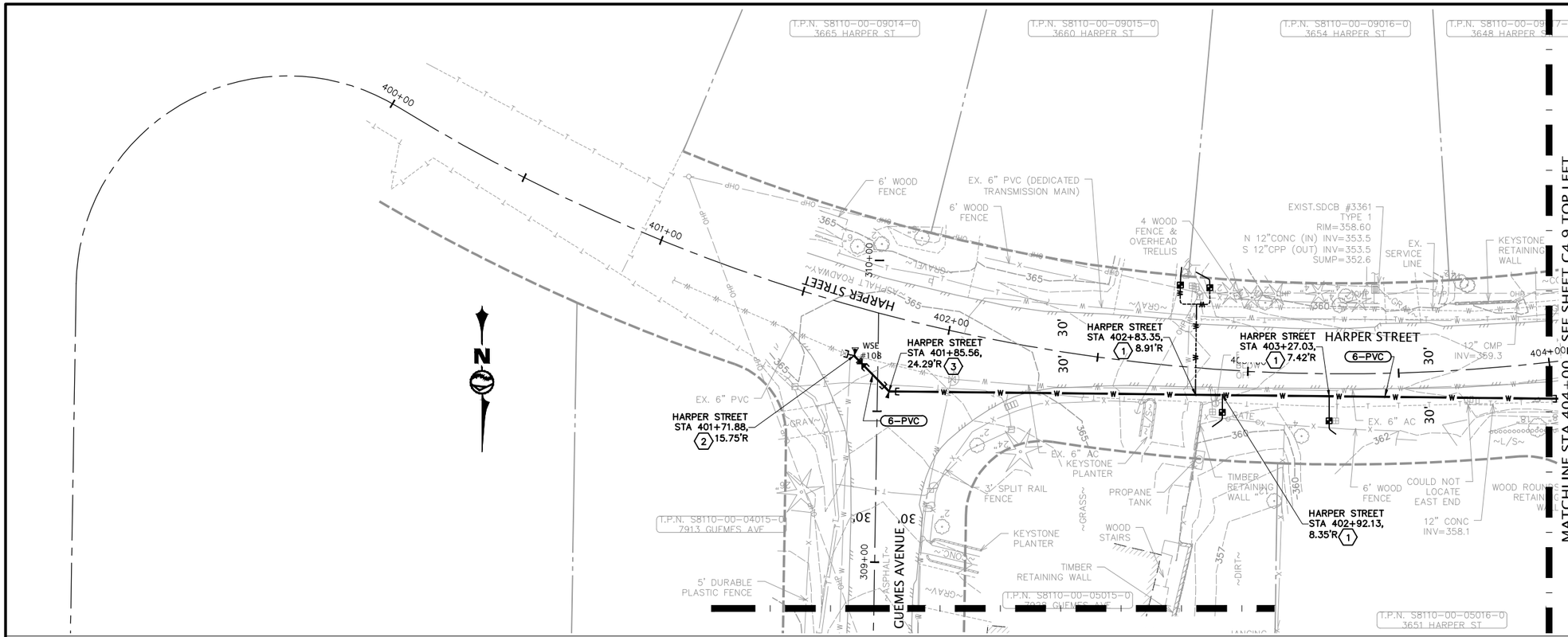
SCATCHET HEAD WATER DISTRICT
WHIDBEY ISLAND WASHINGTON

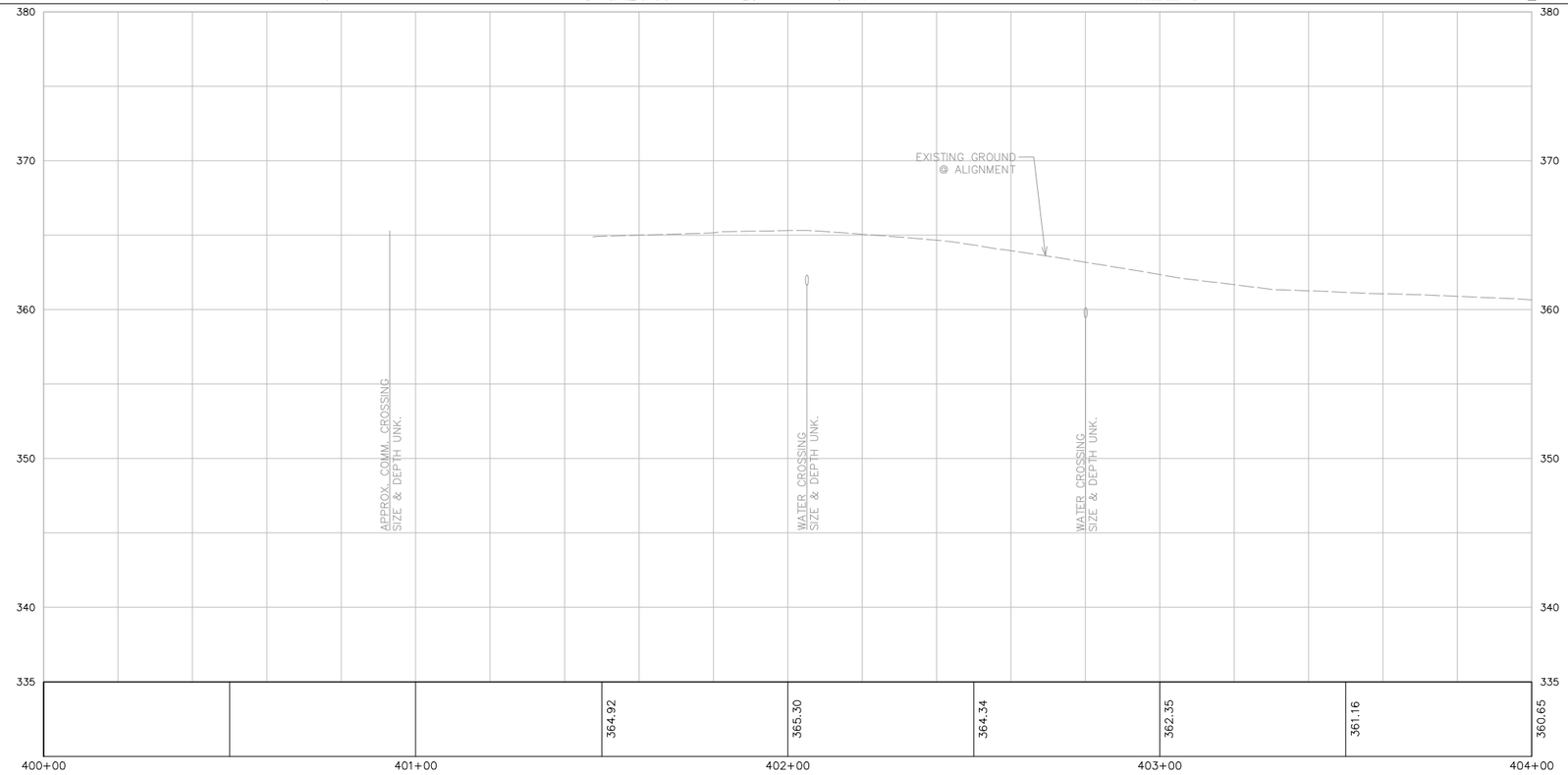
WATER SYSTEM IMPROVEMENTS
GUEMES AVENUE – STA 305+00 TO STA 310+00

DATE	SCALE	JOB NUMBER
12-8-22	AS SHOWN	2022-013

SHEET C4.7 PAGE X OF X

PLOT SETTINGS: AutoCAD PDF (General Documentation).pc3, ANSI full bleed B (17.00 x 11.00 Inches), Portrait, 1:2, WE APWA_UNSCREENED.ctb
W:\2022\2022-013 SCATCHET HEAD WD WATER IMPROVEMENTS_MMM\DWG_V2019_NAD83_NAVD88\2022_2022-013 C4.6-C4.9 GUEMES & HARPER PLAN & PROFILES.DWG – 12/8/2022 1:59 PM – Jeff Smith

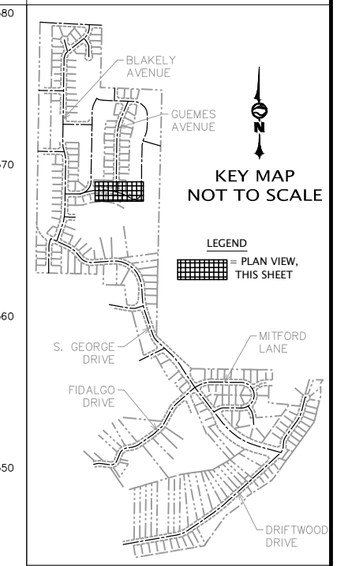




NO.	REVISIONS	BY	DATE

KEYED NOTES

1. = SERVICE CONNECTION PER X/X
2. = CONNECT TO EX. 6" PVC/DI TEE. 6" 45° BEND MJxFL 6" GV FLxMJ, THRUST BLOCKING
3. = 6" 45° BEND, MJxMJ, THRUST BLOCKING



20 0 20 40
SCALE HORIZONTAL SCALE FEET

Call 811 two business days before you dig

PRELIMINARY

WILSON ENGINEERING
WILSONENGINEERING.COM

PRELIMINARY
CURTIS D. SCHENFELDER
STATE OF WASHINGTON
46342
REGISTERED PROFESSIONAL ENGINEER

DESIGNED BY	DRAWN BY	CHECKED BY
XXX	JGS	CDS

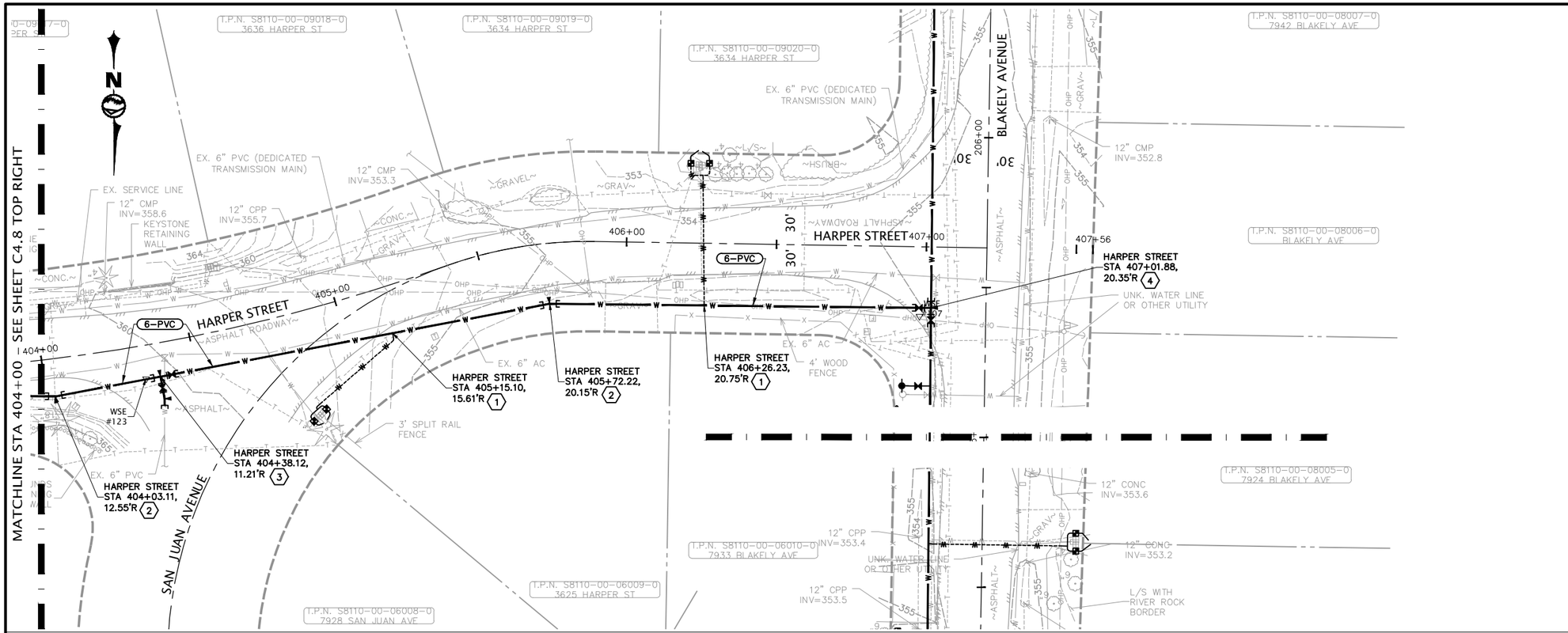
SCATCHET HEAD WATER DISTRICT
WHIDBEY ISLAND WASHINGTON

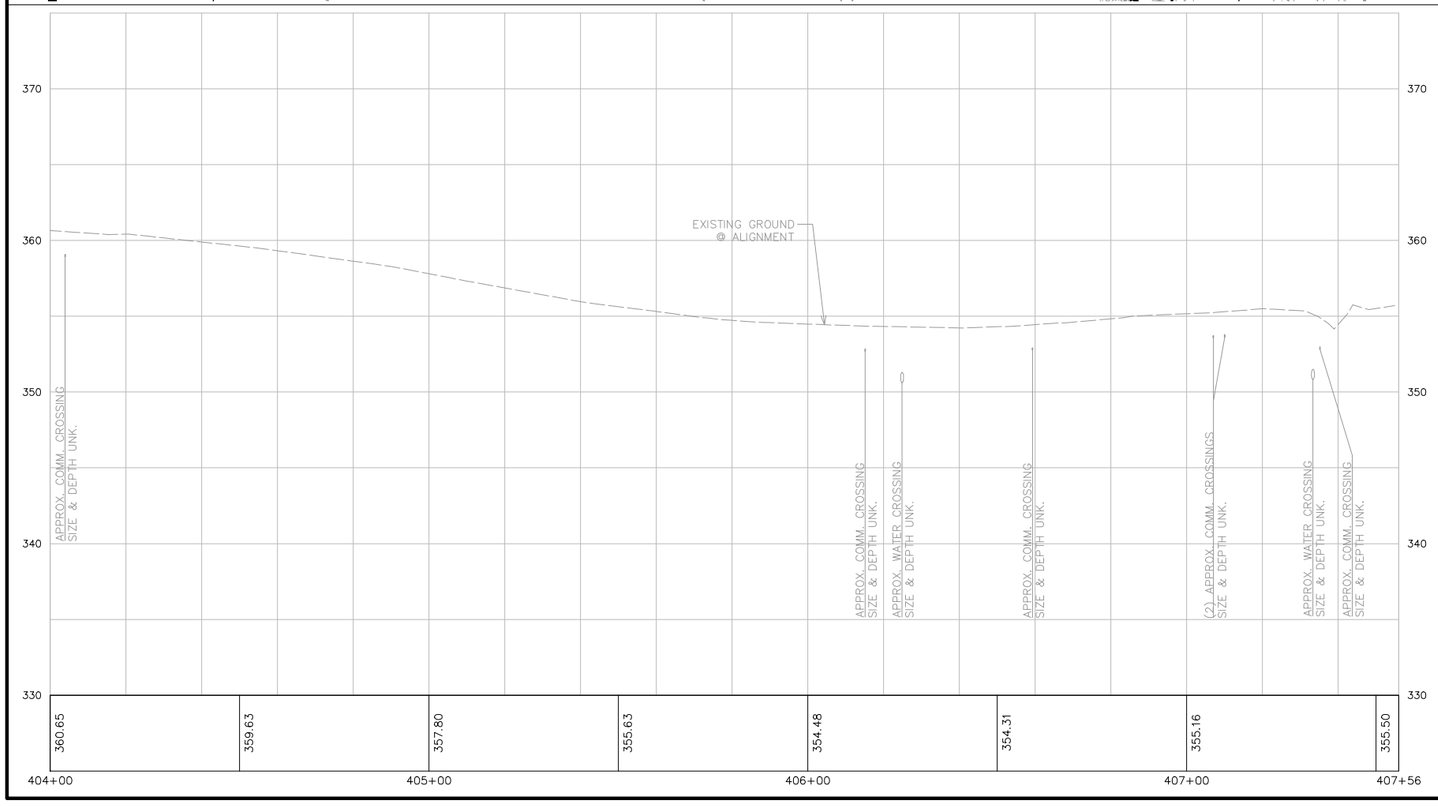
WATER SYSTEM IMPROVEMENTS
HARPER STREET - STA 400+00 TO STA 404+00

DATE	SCALE	JOB NUMBER
12-8-22	AS SHOWN	2022-013

SHEET C4.8 PAGE X OF X

PLOT SETTINGS: AutoCAD PDF (General Documentation).pc3, ANSI full bleed B (17.00 x 11.00 Inches), Portrait, 1:2, WE APWA_UNSCREENED.ctb
W:\2022\2022-013 SCATCHET HEAD WD WATER IMPROVEMENTS_MMM\DWG_V2019_NAD83_NAVD88\2022_2022-013 C4.6-C4.9 GUEMES & HARPER PLAN & PROFILES.DWG - 12/8/2022 2:00 PM - Jeff Smith





NO.	REVISIONS	BY	DATE

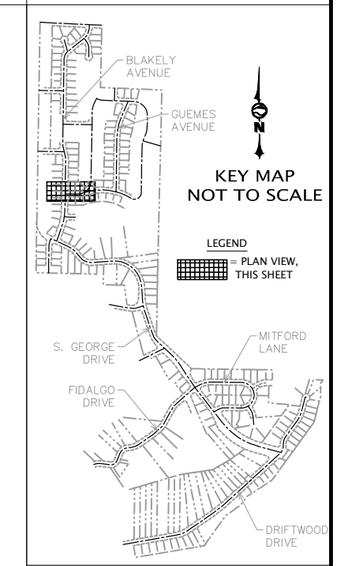
KEYED NOTES

(1) = SERVICE CONNECTION PER (X/X)

(2) = 6" 11-1/4° BEND MJxMJ, THRUST BLOCKING

(3) = 6" TEE FLxFLxMJ, 6" GV FLxMJ, 6" GV FLxFL, 6" 11-1/4° BEND FLxMJ, THRUST BLOCKING. CONNECT TO EX. 6" PVC

(4) = 6" TEE FLxFLxMJ, (2) 6" GVs FLxMJ, THRUST BLOCKING



20 0 20 40
SCALE HORIZONTAL SCALE FEET

Call 811 two business days before you dig

PRELIMINARY

WILSON ENGINEERING
WILSONENGINEERING.COM

PRELIMINARY

DESIGNED BY	DRAWN BY	CHECKED BY
XXX	JGS	CDS

SCATCHET HEAD WATER DISTRICT
WHIDBEY ISLAND WASHINGTON

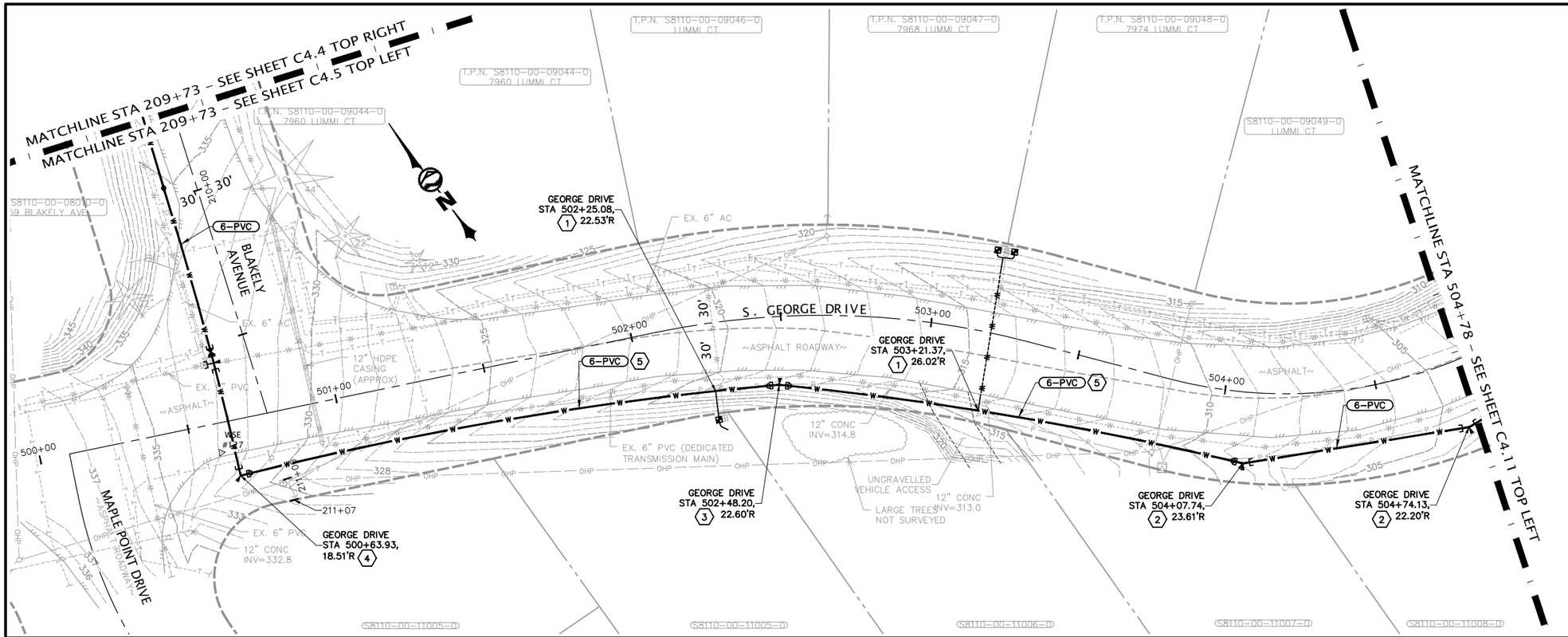
WATER SYSTEM IMPROVEMENTS

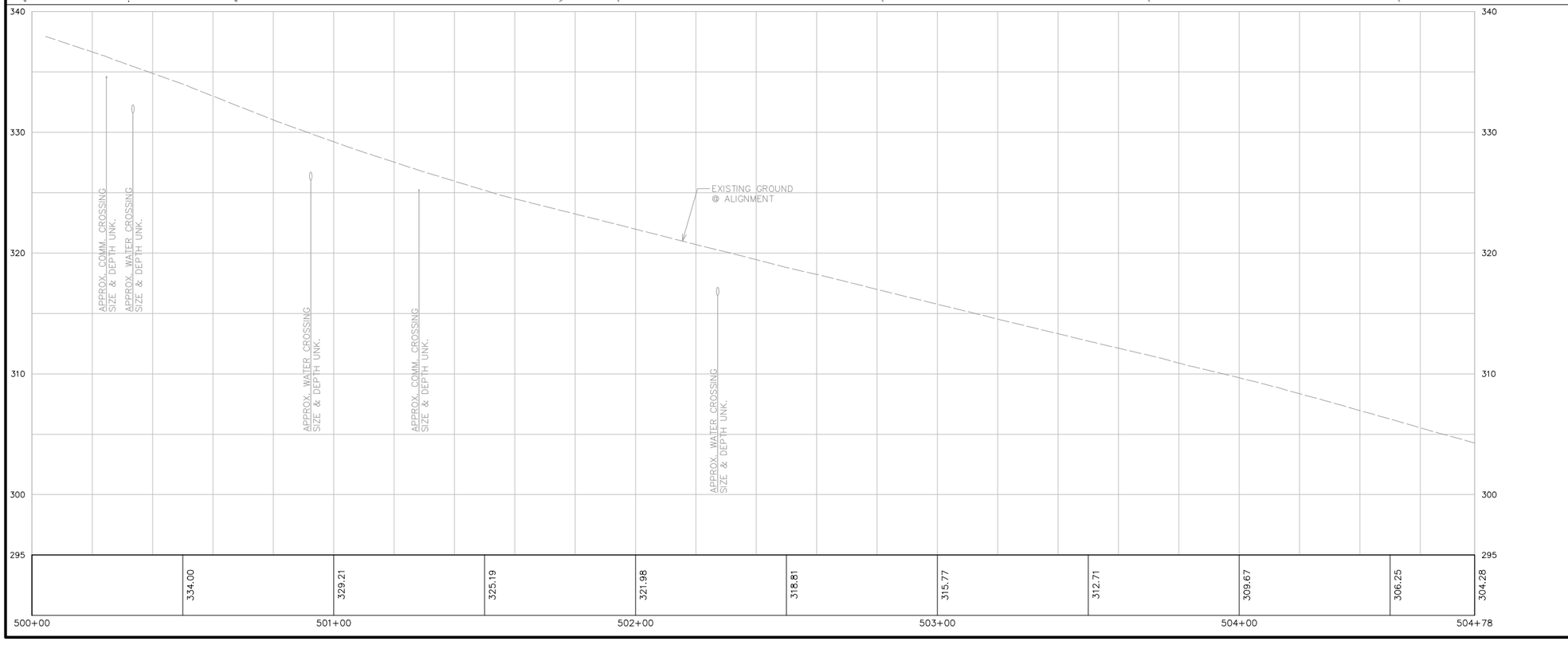
HARPER STREET – STA 404+00 TO STA 407+56

DATE	SCALE	JOB NUMBER
12-8-22	AS SHOWN	2022-013

SHEET C4.9 PAGE X OF X

PLOT SETTINGS: AutoCAD PDF (General Documentation).pc3, ANSI full bleed B (17.00 x 11.00 Inches), Portrait, 1:2, WE APWA_UNSCREENED.ctb
W:\2022\2022-013 SCATCHET HEAD WD WATER IMPROVEMENTS_MMM\DWG_V2019_NAD83_NAVD88\2022_2022-013 C4.6-C4.9 GUEMES & HARPER PLAN & PROFILES.DWG – 12/8/2022 2:00 PM – Jeff Smith

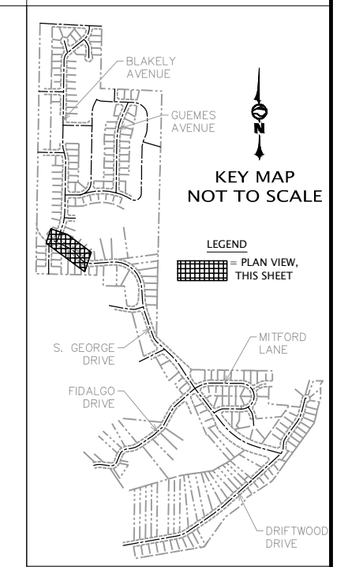




NO.	REVISIONS	BY	DATE

KEYED NOTES

1. = SERVICE CONNECTION PER X/X
2. = 6" 22-1/2° BEND MJxMJ, THRUST BLOCKING
3. = 6" 11-1/4° BEND MJxMJ, THRUST BLOCKING, RESTRAINED JOINTS EACH WAY
4. = 6" 90° BEND MJxMJ, THRUST BLOCKING
5. = MIN 175' RADIUS



20 0 20 40
SCALE HORIZONTAL SCALE FEET

Call 811 two business days before you dig

PRELIMINARY

WILSON ENGINEERING
WILSONENGINEERING.COM

PRELIMINARY

DESIGNED BY	DRAWN BY	CHECKED BY
CDS/MKW	JGS	MMM

SCATCHET HEAD WATER DISTRICT
WHIDBEY ISLAND WASHINGTON

WATER SYSTEM IMPROVEMENTS

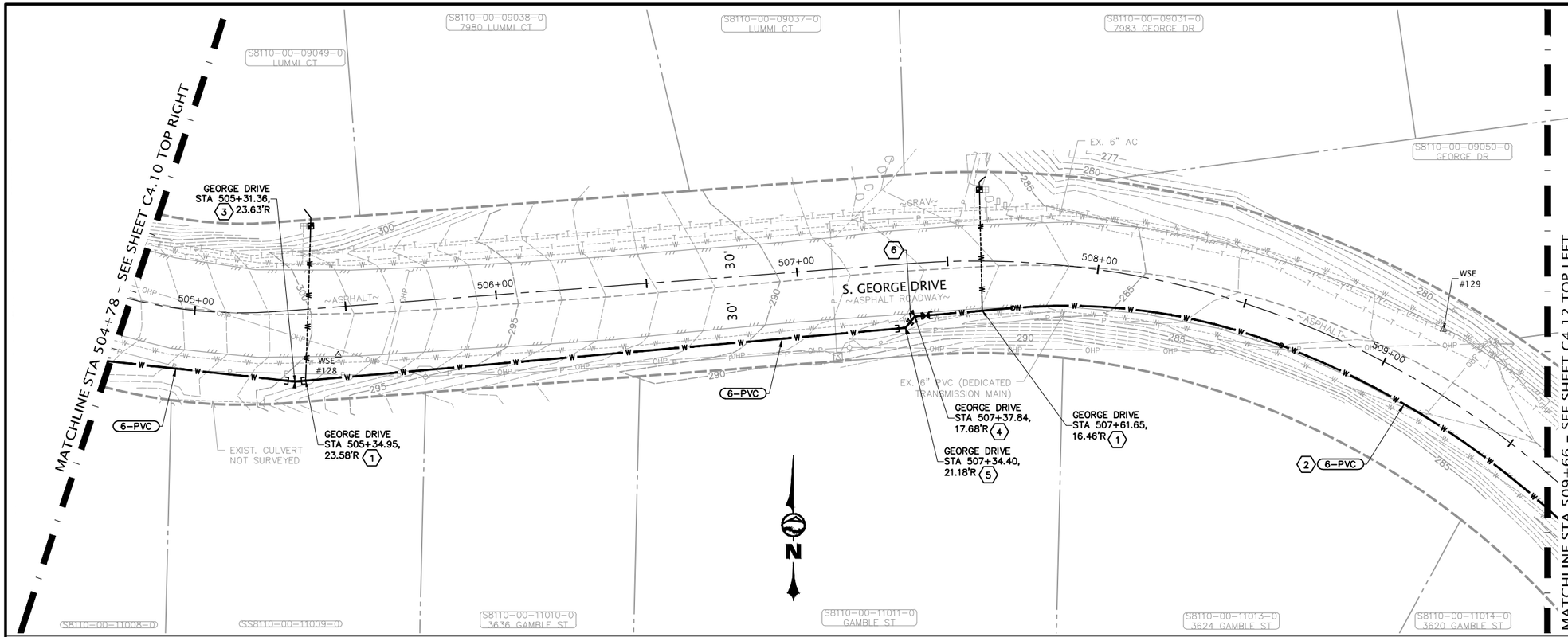
S. GEORGE DRIVE – STA 500+00 TO STA 504+78

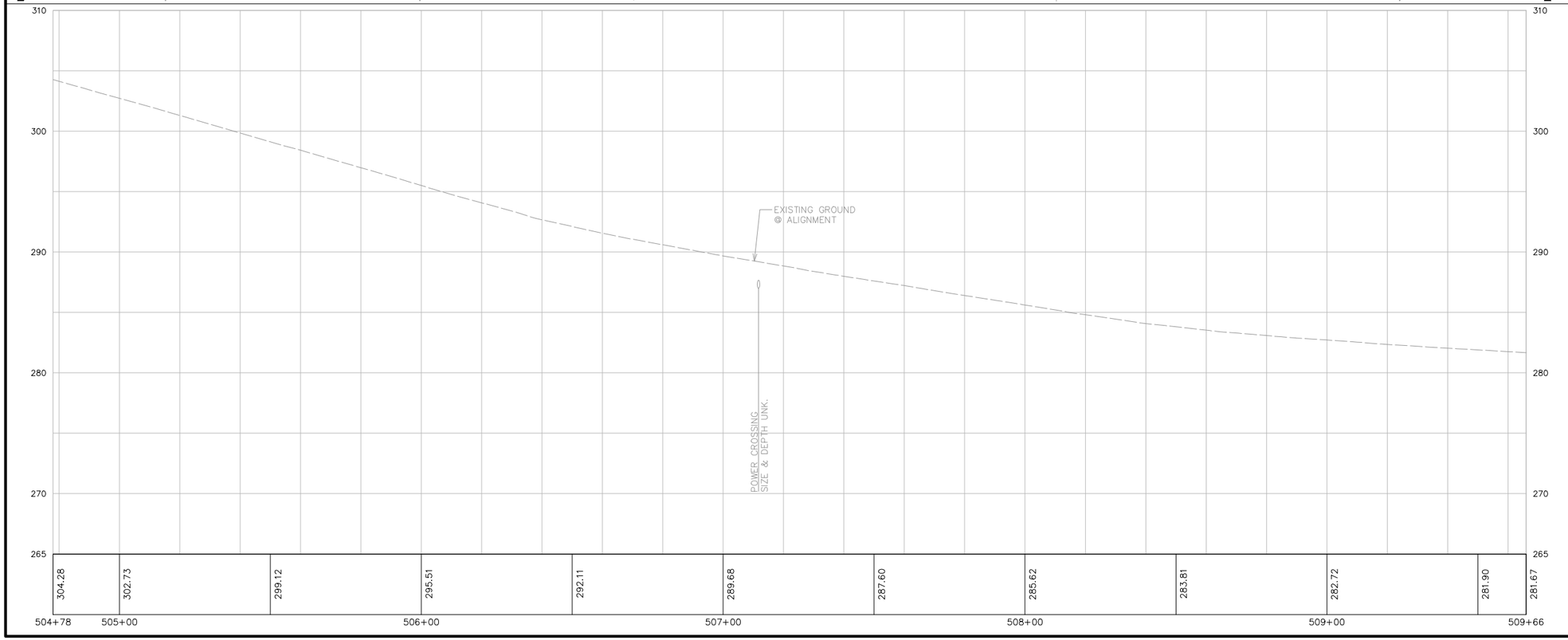
DATE	SCALE	JOB NUMBER
12-8-22	AS SHOWN	2022-013

SHEET C4.10

PAGE X OF X

PLOT SETTINGS: AutoCAD PDF (General Documentation).pc3, ANSI full bleed B (17.00 x 11.00 Inches), Portrait, 1:2, WE APWA_UNSCREENED.ctb
W:\2022\2022-013 SCATCHET HEAD WD WATER IMPROVEMENTS_MMM\DWG_V2019_NAD83_NAVD88\2022_2022-013 C4.10-C4.17 GEORGE PLAN & PROFILES.DWG – 12/8/2022 2:01 PM – Jeff Smith

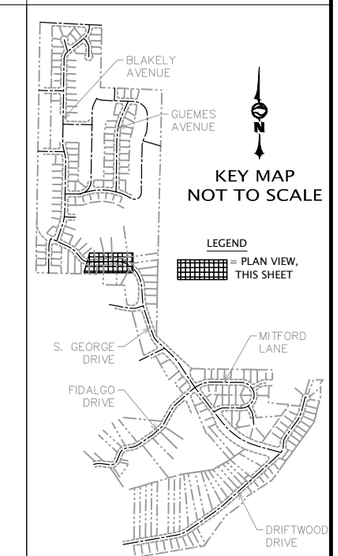




NO.	REVISIONS	BY	DATE

KEYED NOTES

1. = SERVICE CONNECTION PER X/X
2. = MIN 175' RADIUS
3. = 6" 11-1/4° BEND MJxMJ, THRUST BLOCKING
4. = 6" 45° BEND MJxFL, 6" GV FLxMJ, THRUST BLOCKING
5. = 6" 45° BEND MJxMJ, THRUST BLOCKING
6. = NOTE CROSSING OF EX. TRANSMISSION MAIN TO REMAIN ACTIVE DURING & AFTER CONSTRUCTION



20 0 20 40
SCALE HORIZONTAL SCALE FEET

Call 811 two business days before you dig

PRELIMINARY

WILSON ENGINEERING
WILSONENGINEERING.COM

PRELIMINARY
CURTIS J. SCHENFELDER
STATE OF WASHINGTON
46842
REGISTERED PROFESSIONAL ENGINEER

DESIGNED BY CDS/MKW
DRAWN BY JGS
CHECKED BY MMM

SCATCHET HEAD WATER DISTRICT

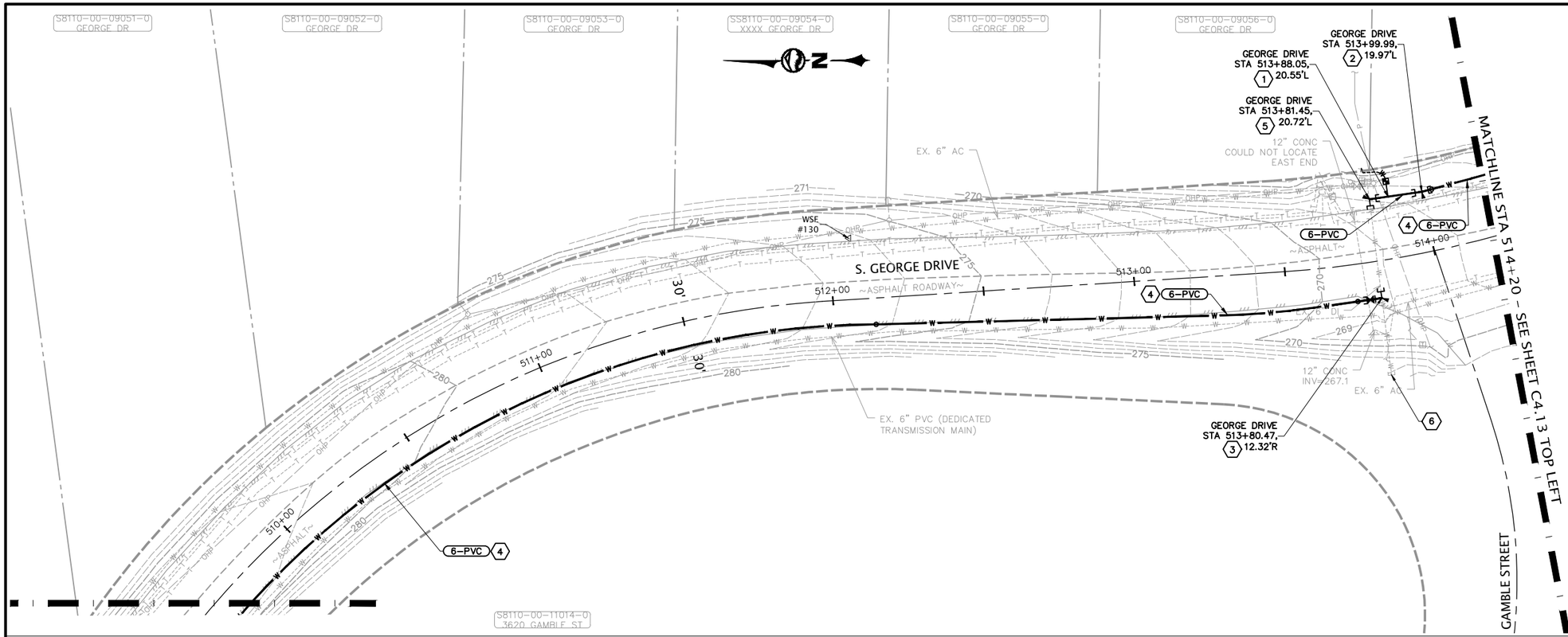
WHIDBEY ISLAND WASHINGTON

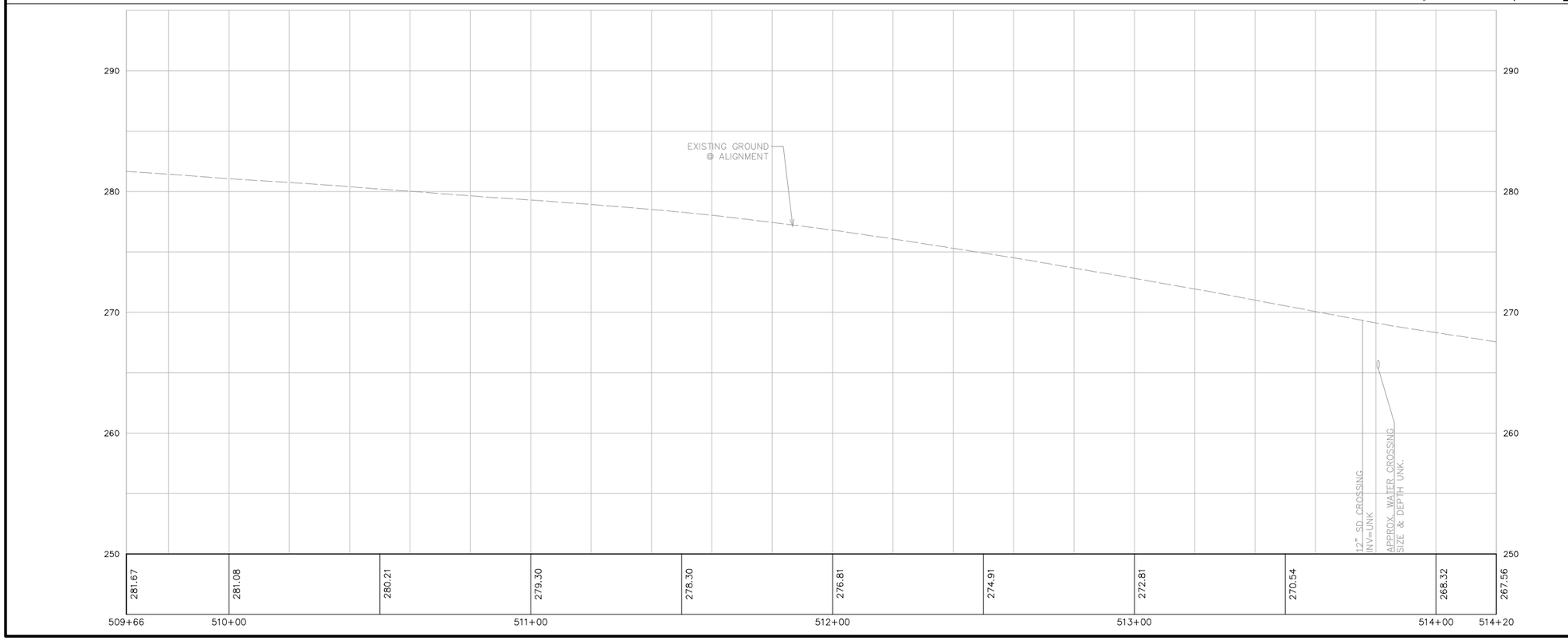
WATER SYSTEM IMPROVEMENTS

S. GEORGE DRIVE – STA 504+78 TO STA 509+66

DATE 12-8-22
SCALE AS SHOWN
JOB NUMBER 2022-013
SHEET C4.11
PAGE X OF X

PLOT SETTINGS: AutoCAD PDF (General Documentation).pc3, ANSI full bleed B (17.00 x 11.00 Inches), Portrait, 1:2, WE APWA_UNSCREENED.ctb
W:\2022\2022-013 SCATCHET HEAD WD WATER IMPROVEMENTS_MMM\DWG_V2019_NAD83_NAVD88\2022_2022-013 C4.10-C4.17 GEORGE PLAN & PROFILES.DWG – 12/8/2022 2:01 PM – Jeff Smith

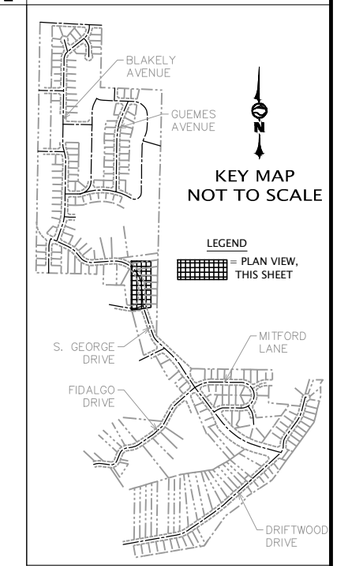




NO.	REVISIONS	BY	DATE

KEYED NOTES

1. = SERVICE CONNECTION PER X/X
2. = 6" BEND AS REQ'D MJxMJ, THRUST BLOCKING
3. = CONNECT TO EX. 6" DI 6" 90° BEND MJxFL, 6" GV FLxMJ, THRUST BLOCKING
4. = MIN 175' RADIUS
5. = CONNECT TO EX. 6" DI 6" 90° BEND MJxMJ, THRUST BLOCKING
6. = EX. CAPPED & ABANDONED



20 0 20 40
SCALE HORIZONTAL SCALE FEET

Call 811 two business days before you dig

PRELIMINARY

WILSON ENGINEERING
WILSONENGINEERING.COM

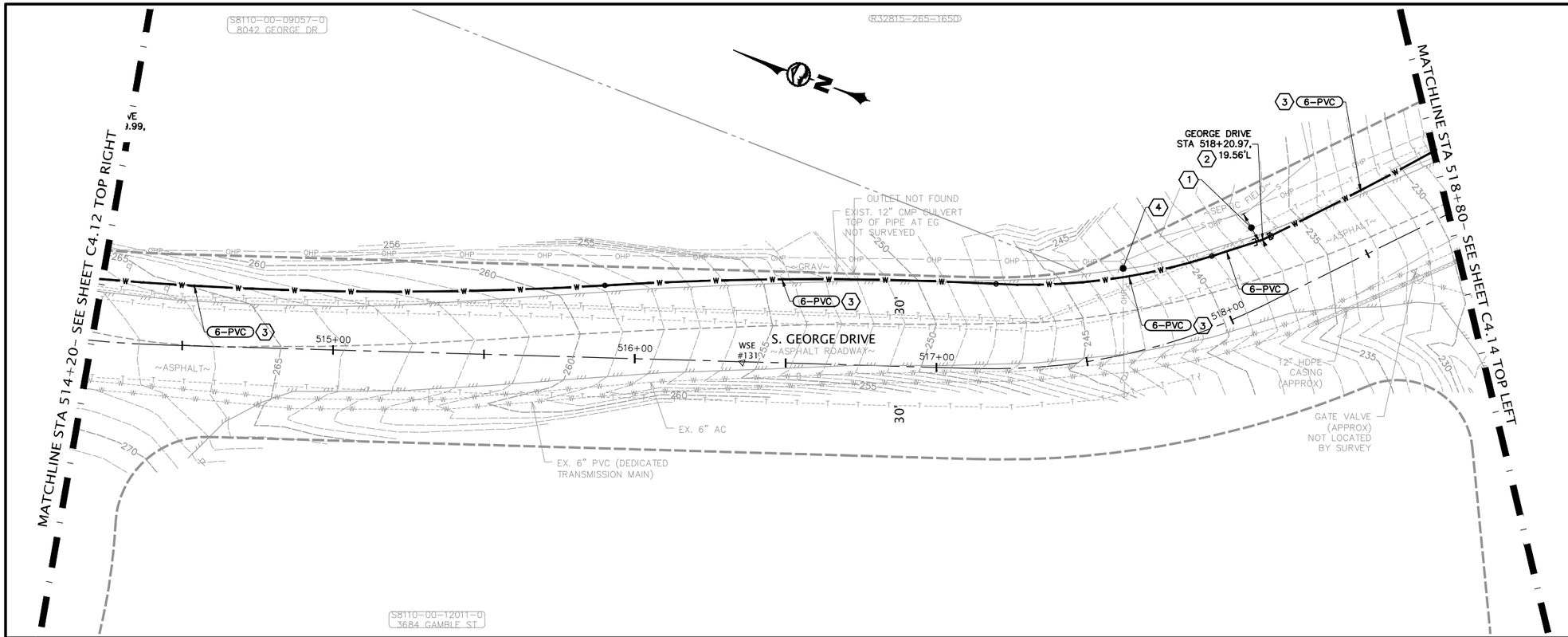
PRELIMINARY
CURTIS D. SCHENFELDER
STATE OF WASHINGTON
46842
REGISTERED PROFESSIONAL ENGINEER

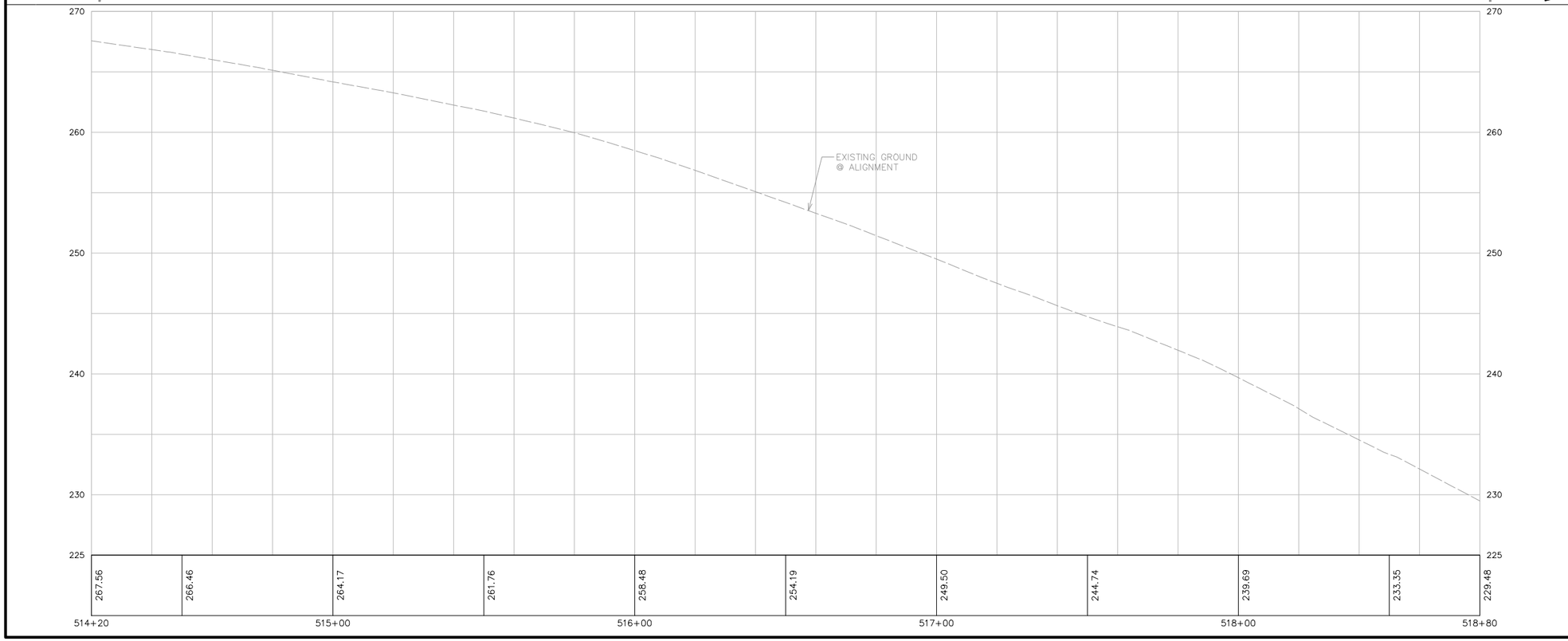
DESIGNED BY CDS/MKW
DRAWN BY JGS
CHECKED BY MMM

SCATCHET HEAD WATER DISTRICT
WHIDBEY ISLAND WASHINGTON
WATER SYSTEM IMPROVEMENTS
S. GEORGE DRIVE – STA 509+66 TO STA 514+20

DATE 12-8-22
SCALE AS SHOWN
JOB NUMBER 2022-013
SHEET C4.12
PAGE X OF X

PLOT SETTINGS: AutoCAD PDF (General Documentation).pc3, ANSI full bleed B (17.00 x 11.00 Inches), Portrait, 1:2, WE APWA_UNSCREENED.ctb
W:\2022\2022-013 SCATCHET HEAD WD WATER IMPROVEMENTS_MMM\DWG_V2019_NAD83_NAVD88\2022_2022-013 C4.10-C4.17 GEORGE PLAN & PROFILES.DWG – 12/8/2022 2:01 PM – Jeff Smith

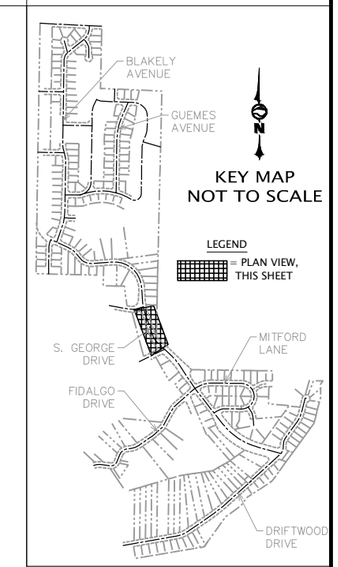




NO.	REVISIONS	BY	DATE

KEYED NOTES

1. = MAINTAIN MIN. 10' SEPARATION FROM SEPTIC FIELD
2. = 6" BEND AS REQ'D MJxMJ, THRUST BLOCKING
3. = MIN 175' RADIUS
4. = MAINTAIN MIN. 3' SEPARATION FROM UTILITY POLE



20 0 20 40
SCALE HORIZONTAL SCALE FEET

Call 811
two business days
before you dig

PRELIMINARY

WILSON ENGINEERING
WILSONENGINEERING.COM

PRELIMINARY
CURTIS D. SCHENFELDER
STATE OF WASHINGTON
46472
REGISTERED PROFESSIONAL ENGINEER

DESIGNED BY CDS/MKW
DRAWN BY JGS
CHECKED BY MMM

SCATCHET HEAD WATER DISTRICT
WHIDBEY ISLAND WASHINGTON

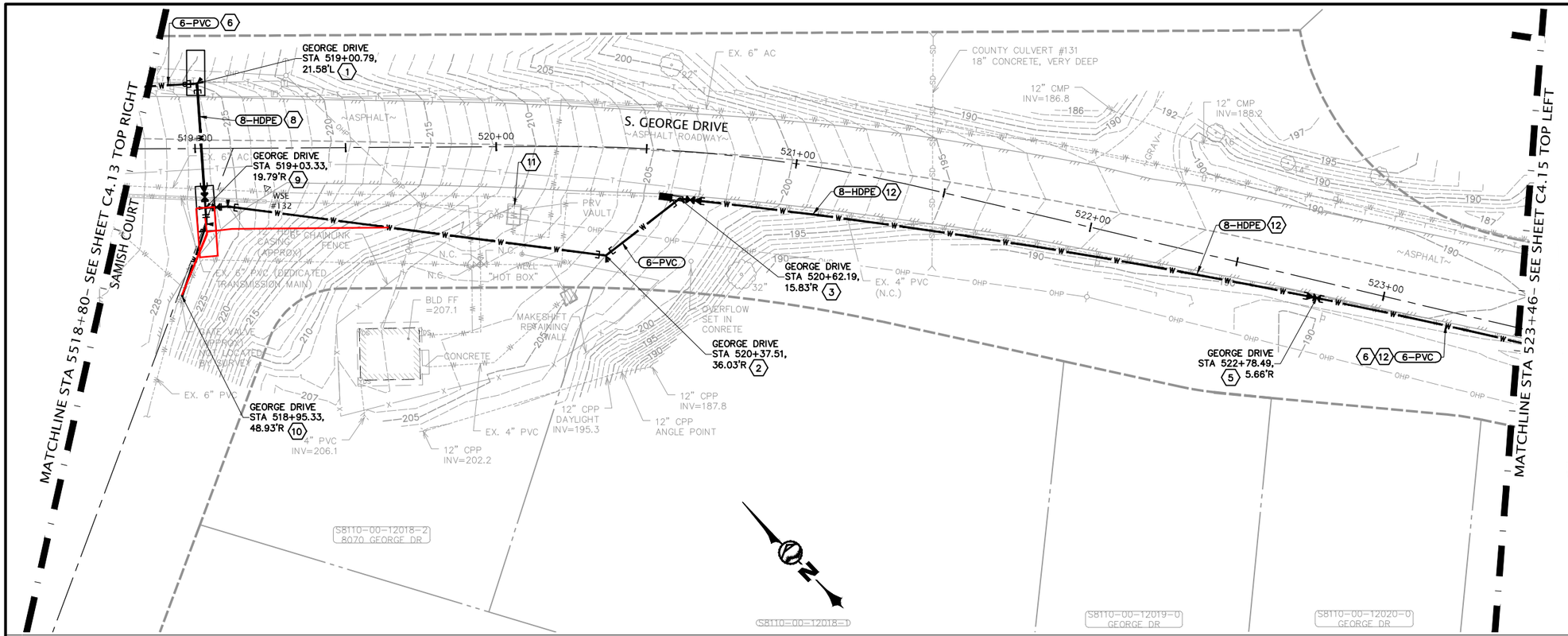
WATER SYSTEM IMPROVEMENTS

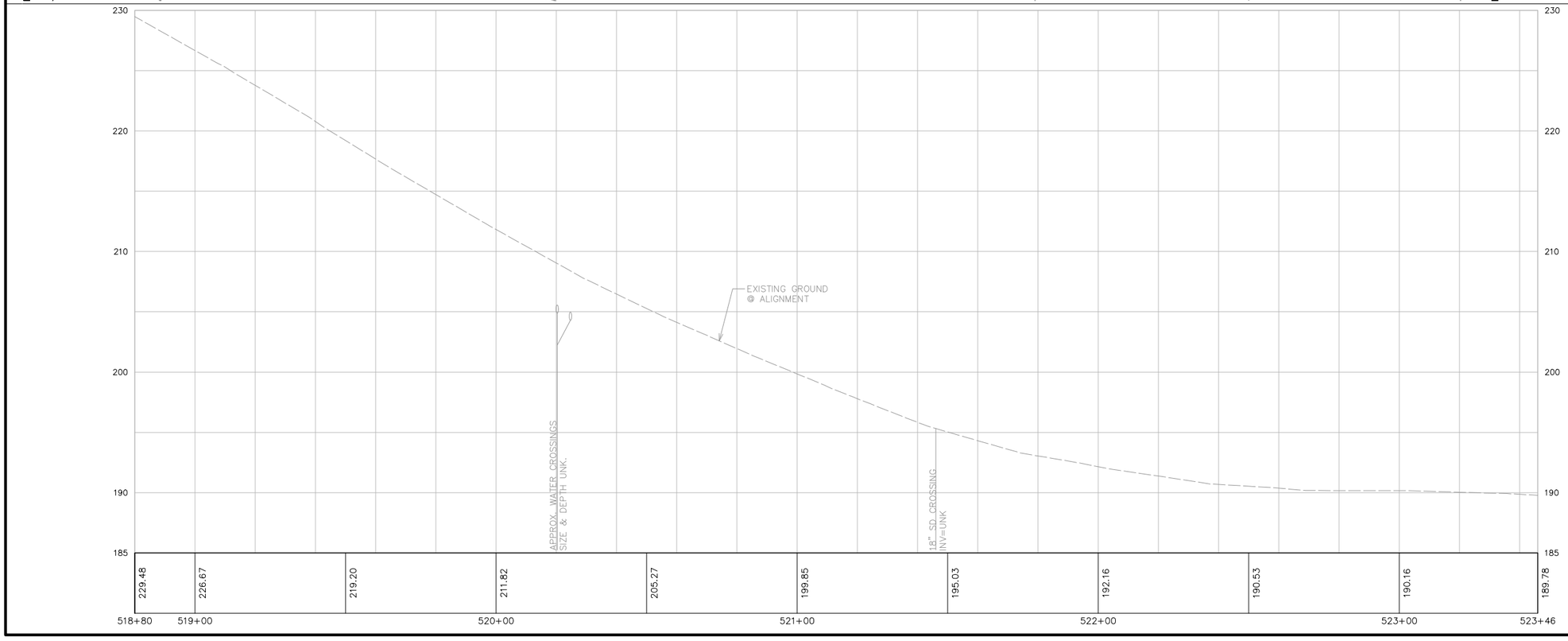
S. GEORGE DRIVE – STA 514+20 TO STA 518+80

DATE 12-8-22
SCALE AS SHOWN
JOB NUMBER 2022-013

SHEET C4.13
PAGE X OF X

PLOT SETTINGS: AutoCAD PDF (General Documentation).pc3, ANSI full bleed B (17.00 x 11.00 Inches), Portrait, 1:2, WE APWA_UNSCREENED.ctb
W:\2022\2022-013 SCATCHET HEAD WD WATER IMPROVEMENTS_MMM\DWG_V2019_NAD83_NAVD88\V2022_2022-013 C4.10-C4.17 GEORGE PLAN & PROFILES.DWG – 12/8/2022 2:02 PM – Jeff Smith

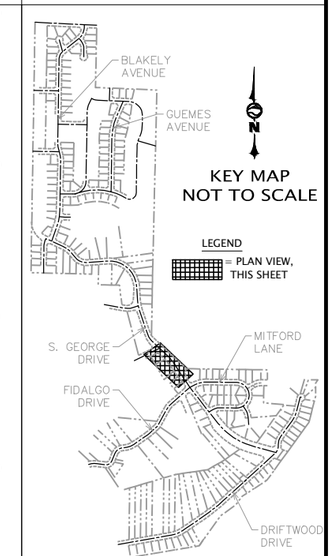




NO.	REVISIONS	BY	DATE

KEYED NOTES

1. = 6"x8" 90° BEND MJxMJ, THRUST BLOCKING
2. = 6" 45° BEND MJxMJ, THRUST BLOCKING
3. = 6" 45° BEND MJxFL, 6" GV FLxFL FOR ISOLATION OF FUTURE CULVERT REPLACEMENT, 6"x8" REDUCER FLxMJ, HDPE MJ ADAPTER, REVERSE THRUST BLOCK PER (X/X)
4. = 8" BEND AS REQ'D MJxMJ, THRUST BLOCKING
5. = HDPE MJ ADAPTER, 8"x6" REDUCER MJxFL, 6" GV FLxMJ FOR ISOLATION OF FUTURE CULVERT REPLACEMENT, REVERSE THRUST BLOCK PER (X/X)
6. = 175' MIN RADIUS
7. = HORIZONTAL DIRECTIONAL DRILL PIT
8. = 8" HDPE INSTALLED BY HORIZONTAL DIRECTIONAL DRILLING, HDPE ADAPERS & FITTINGS AS REQUIRED
9. = 6" TEE FLxFLxFL, 8"x6" REDUCER MJxFL, 6" GV FLxMJ, 6" GV FLxFL, (2) 11-1/4° BENDs FLxMJ, THRUST BLOCKING
10. = CONNECT TO EX. 6" GV
11. = PRV VAULT TO BE REMOVED & VOID BACKFILLED
12. = NEW WATER MAIN TRENCH INSTALLED IN SAME LOCATION OR ADJACENT TO EX. 4" PVC CURRENTLY ABANDONED



20 0 20 40
SCALE HORIZONTAL SCALE FEET

Call 811 two business days before you dig

PRELIMINARY

WILSON ENGINEERING
WILSONENGINEERING.COM

PRELIMINARY

DESIGNED BY CDS/MXW
DRAWN BY JGS
CHECKED BY MMM

SCATCHET HEAD WATER DISTRICT
WHIDBEY ISLAND WASHINGTON

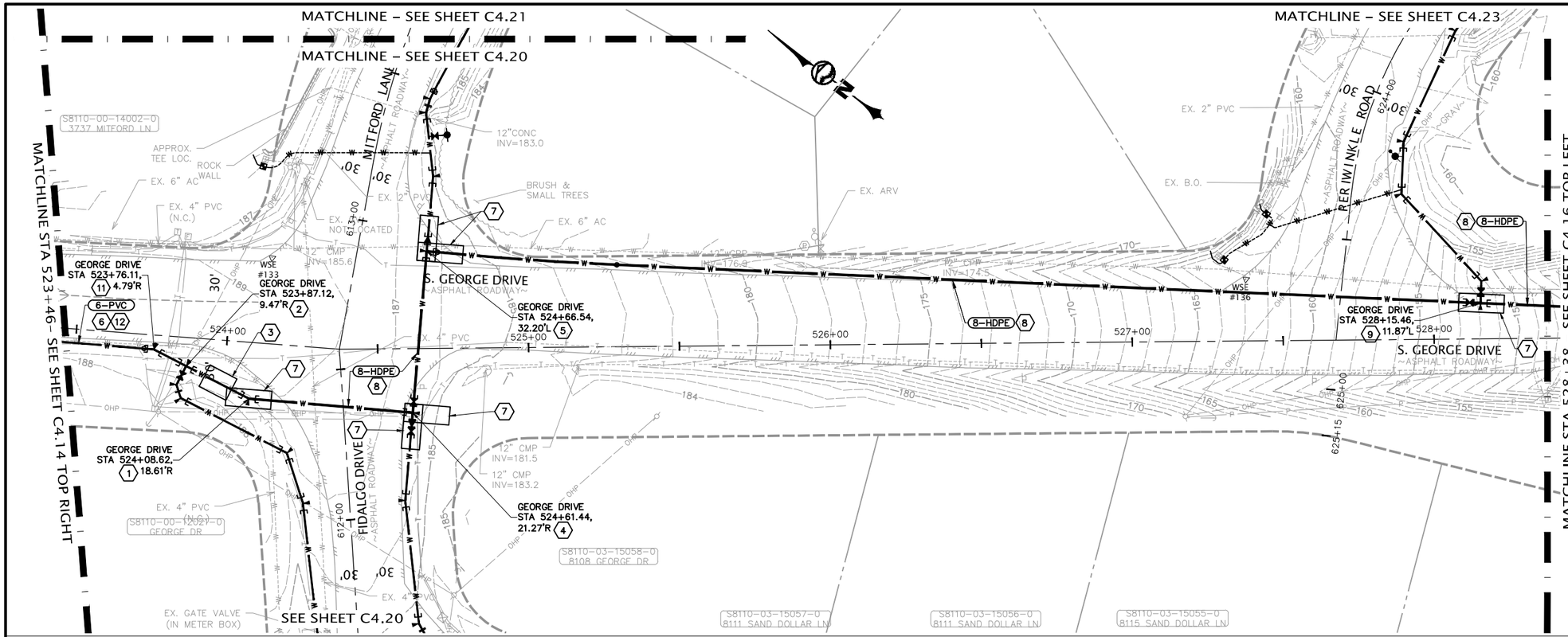
WATER SYSTEM IMPROVEMENTS

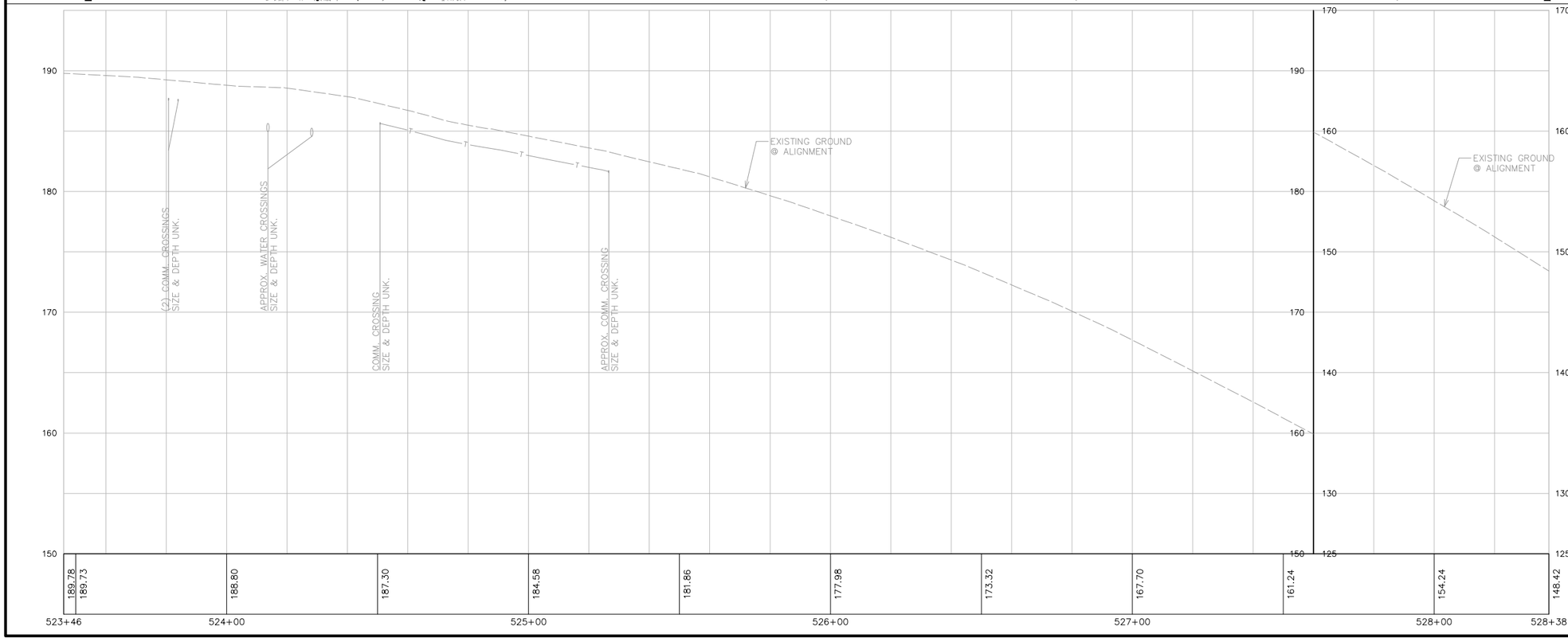
S. GEORGE DRIVE – STA 518+80 TO STA 523+46

DATE 12-8-22
SCALE AS SHOWN
JOB NUMBER 2022-013

SHEET C4.14
PAGE X OF X

PLOT SETTINGS: AutoCAD PDF (General Documentation).pc3, ANSI full bleed B (17.00 x 11.00 Inches), Portrait, 1:2, WE APWA_UNSCREENED.ctb
W:\2022\2022-013 SCATCHET HEAD WD WATER IMPROVEMENTS_MMM\DWG_V2019_NAD83_NAVD88\2022_2022-013 C4.10-C4.17 GEORGE PLAN & PROFILES.DWG – 12/8/2022 2:02 PM – Jeff Smith

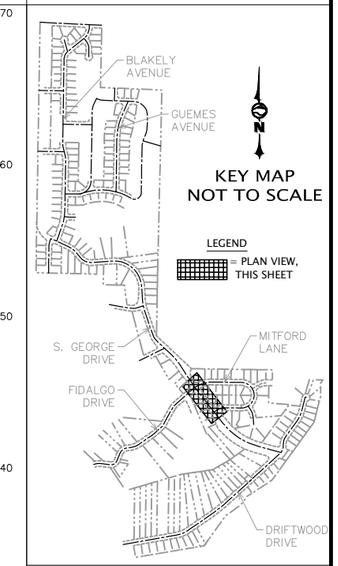




NO.	REVISIONS	BY	DATE

KEYED NOTES

1. = 6"x8" REDUCING 22-1/2° BEND MJxMJ, THRUST BLOCKING
2. = 6" TEE MJxMJxFL, 6" GV FLxFL, 6" 45° BEND FLxFL, 6" 45° BEND FLxMJ, THRUST BLOCKING
3. = PRV VAULT PER (X/X)
4. = 8" TEE FLxMJxFL, 8" GV FLxMJ, 8" GV FLxFL, 8"x6" REDUCER FLxMJ, THRUST BLOCKING
5. = 8" TEE FLxMJxMJ, 8"x6" REDUCER FLxMJ, THRUST BLOCKING
6. = 175' MIN RADIUS
7. = HDD ACCESS PIT
8. = 8" HDPE INSTALLED BY HORIZONTAL DIRECTIONAL DRILLING, HDPE ADAPTERS & FITTINGS AS REQUIRED
9. = 8"x6" TEE FLxFLxMJ, 8" GV FLxFL, 6" GV FLxFL, 6" 45° BEND FLxMJ, THRUST BLOCKING
10. = CONNECT TO EX. 6" GV
11. = 6" 22-1/2° BEND MJxMJ, THRUST BLOCKING
12. = NEW WATER MAIN TRENCH INSTALLED IN SAME LOCATION OR ADJACENT TO EX. 4" PVC CURRENTLY ABANDONED



20 0 20 40
SCALE HORIZONTAL SCALE FEET

Call 811 two business days before you dig

PRELIMINARY

WILSON ENGINEERING
WILSONENGINEERING.COM

PRELIMINARY

DESIGNED BY CDS/MXW
DRAWN BY JGS
CHECKED BY MMM

SCATCHET HEAD WATER DISTRICT
WHIDBEY ISLAND WASHINGTON

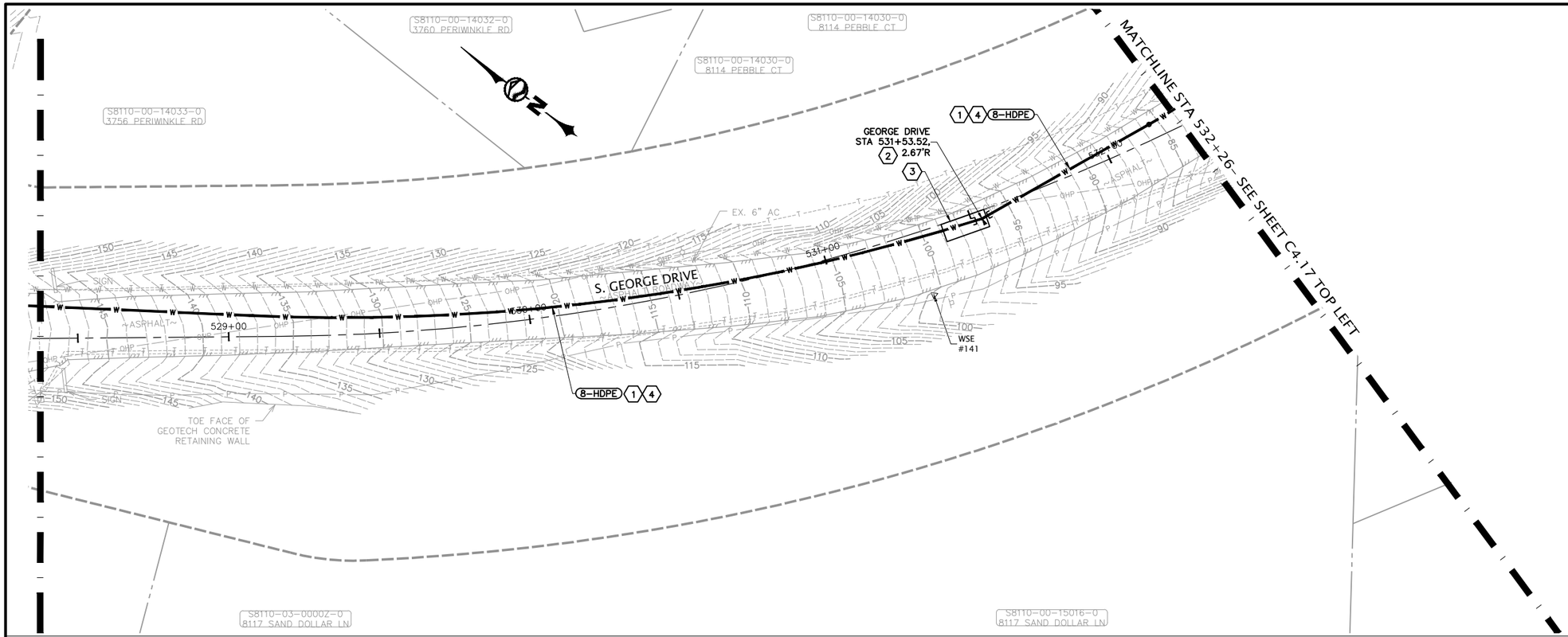
WATER SYSTEM IMPROVEMENTS

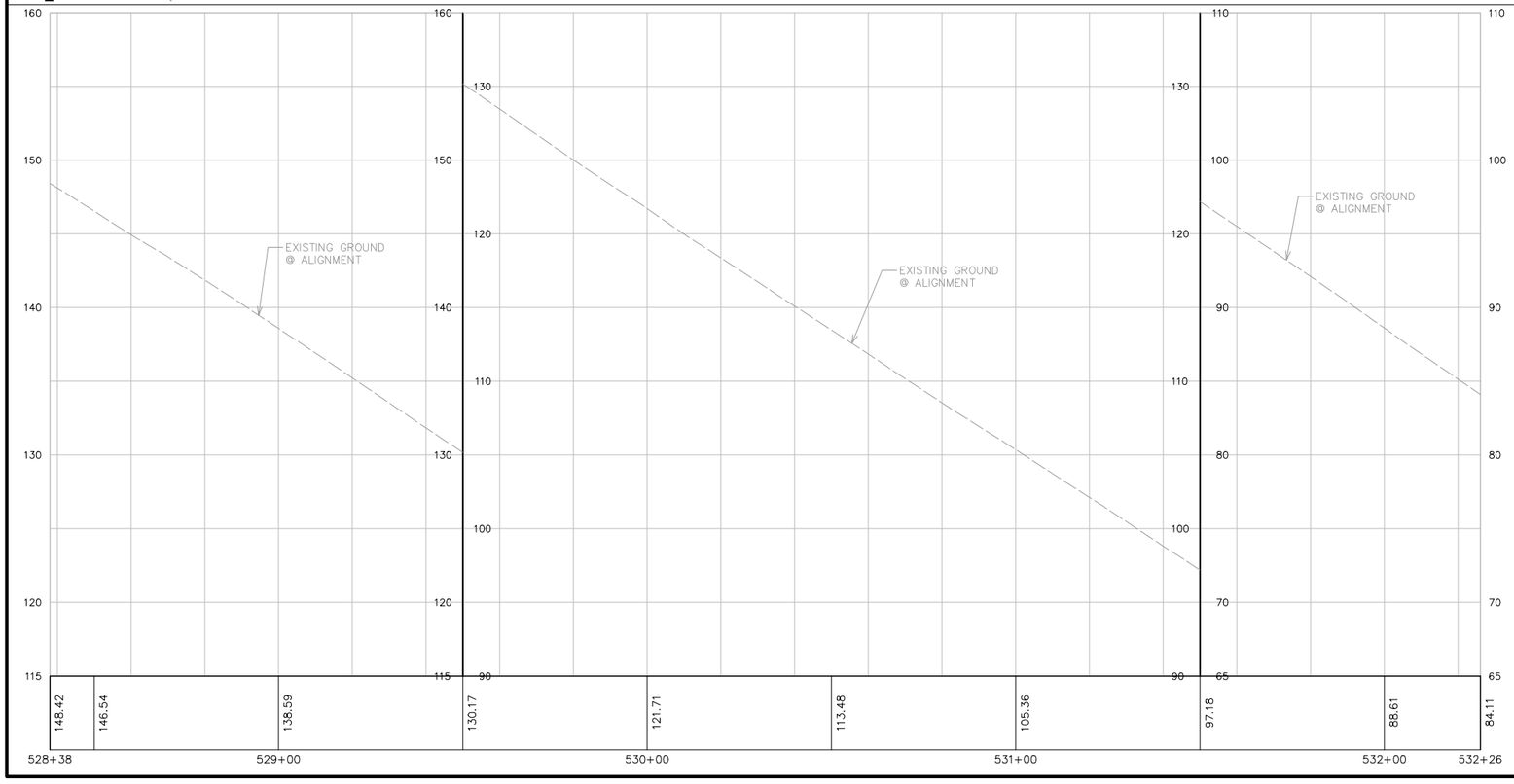
S. GEORGE DRIVE – STA 523+46 TO STA 528+38

DATE 12-8-22
SCALE AS SHOWN
JOB NUMBER 2022-013

SHEET C4.15
PAGE X OF X

PLOT SETTINGS: AutoCAD PDF (General Documentation).pc3, ANSI full bleed B (17.00 x 11.00 Inches), Portrait, 1:2, WE APWA_UNSCREENED.ctb
W:\2022\2022-013 SCATCHET HEAD WD WATER IMPROVEMENTS_MMM\DWG_V2019_NAD83_NAVD88\2022_2022-013 C4.10-C4.17 GEORGE PLAN & PROFILES.DWG – 12/8/2022 2:03 PM – Jeff Smith

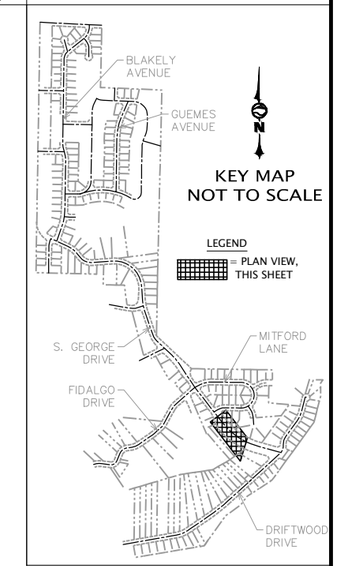




NO.	REVISIONS	BY	DATE

KEYED NOTES

1. = 8" HDPE INSTALLED BY HORIZONTAL DIRECTIONAL DRILLING, HDPE ADAPTERS & FITTINGS AS REQUIRED
2. = 8" 11-1/4° BEND MJxMJ, HDPE MJ ADAPTERS AS NEEDED.
3. = HDD ACCESS PIT
4. = 200' MIN BENDING RADIUS



20 0 20 40
SCALE HORIZONTAL SCALE FEET

Call 811
two business days
before you dig

PRELIMINARY

WILSON ENGINEERING
WILSONENGINEERING.COM

PRELIMINARY
CURTIS D. SCHENFELDER
STATE OF WASHINGTON
46842
REGISTERED PROFESSIONAL ENGINEER

DESIGNED BY	DRAWN BY	CHECKED BY
CDS/MXW	JGS	MMM

SCATCHET HEAD WATER DISTRICT
WHIDBEY ISLAND WASHINGTON

WATER SYSTEM IMPROVEMENTS

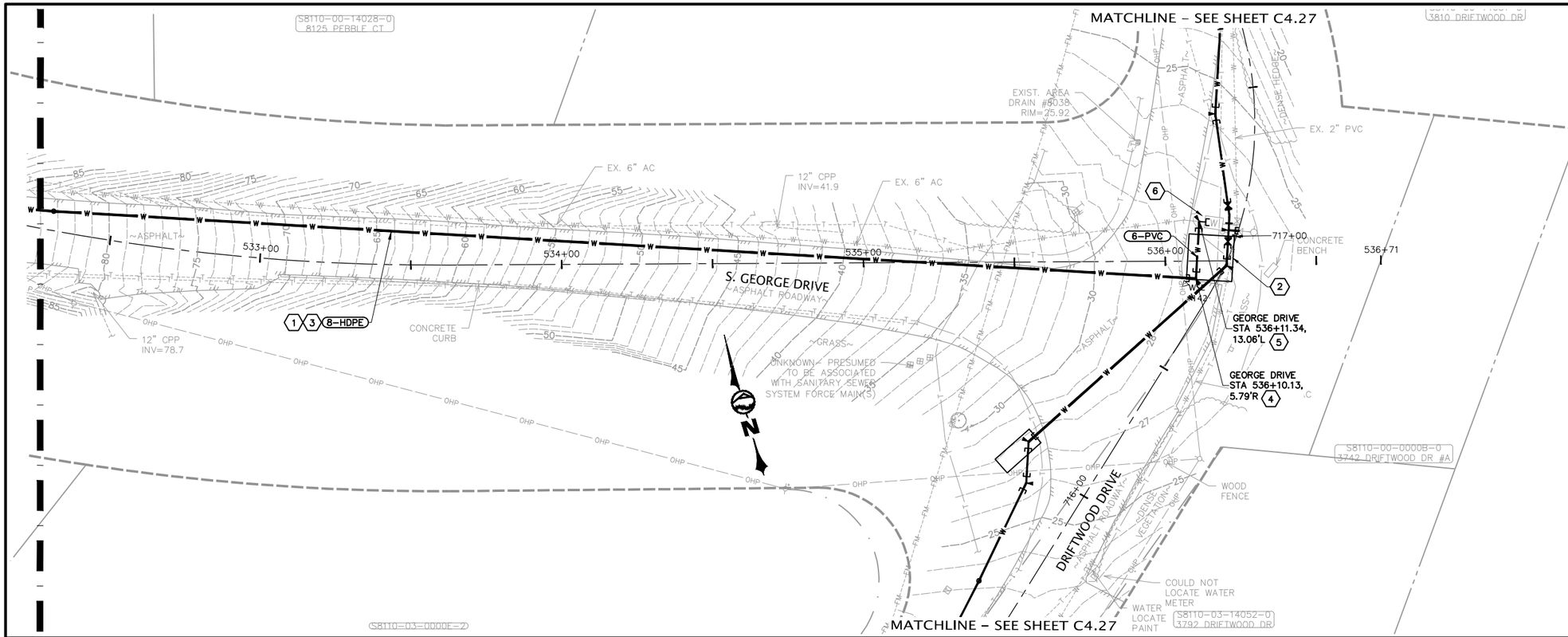
S. GEORGE DRIVE – STA 528+38 TO STA 532+26

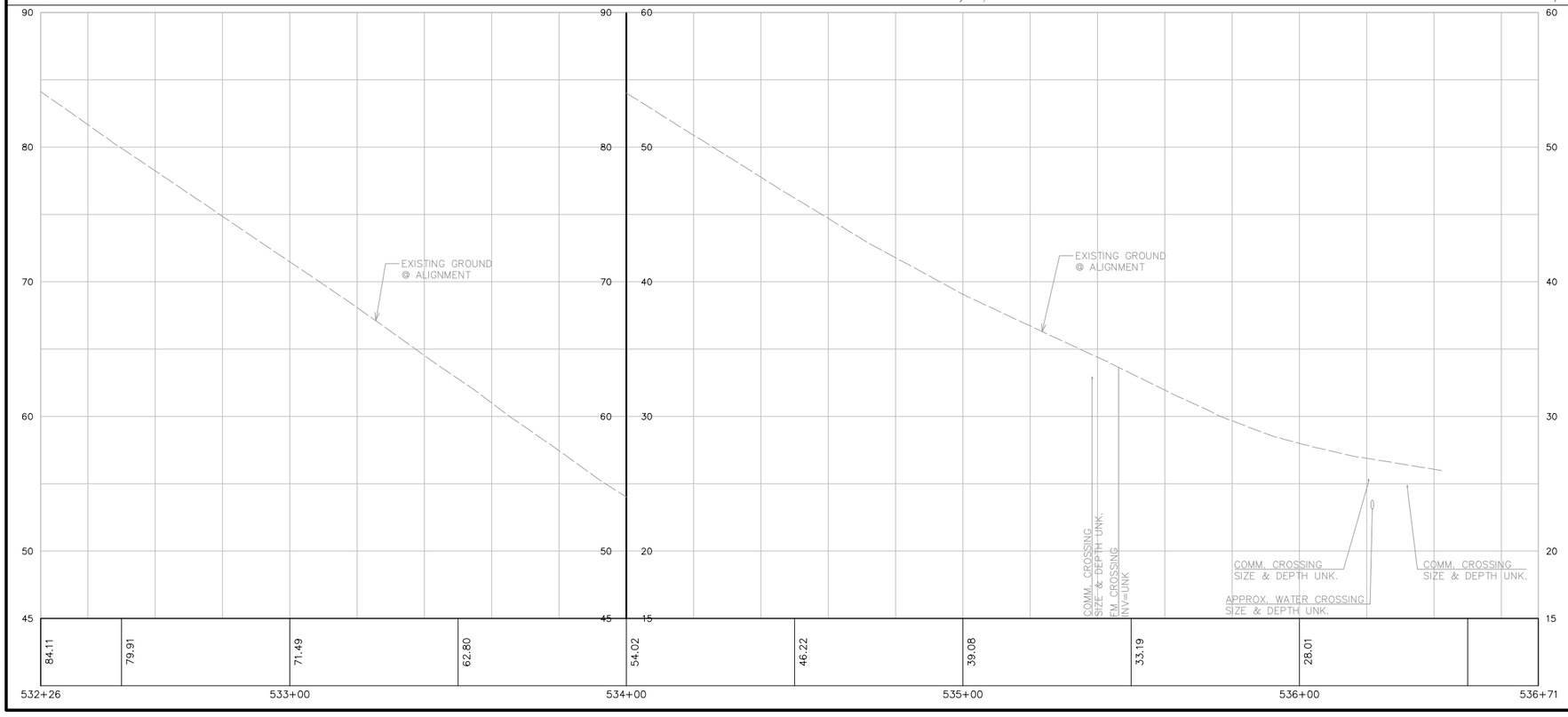
DATE	SCALE	JOB NUMBER
12-8-22	AS SHOWN	2022-013

SHEET C4.16

PAGE X OF X

PLOT SETTINGS: AutoCAD PDF (General Documentation).pc3, ANSI full bleed B (17.00 x 11.00 Inches), Portrait, 1:2, WE APWA_UNSCREENED.ctb
W:\2022\2022-013 SCATCHET HEAD WD WATER IMPROVEMENTS_MMM\DWG_V2019_NAD83_NAVD88\2022_2022-013 C4.10-C4.17 GEORGE PLAN & PROFILES.DWG – 12/8/2022 2:03 PM – Jeff Smith

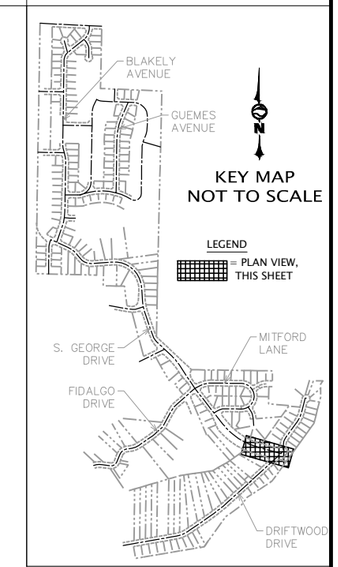




NO.	REVISIONS	BY	DATE

KEYED NOTES

1. = 8" HDPE INSTALLED BY HORIZONTAL DIRECTIONAL DRILLING, HDPE ADAPTERS & FITTINGS AS REQUIRED
2. = HDD ACCESS PIT
3. = 200' MIN BENDING RADIUS
4. = 8"x6" 90° BEND MJxMJ, THRUST BLOCKING
5. = CONNECT TO EX. 4" DI PRV INLET PIPE. 6" 90° BEND MJxMJ, 6"x4" REDUCER, THRUST BLOCKING
6. = CONNECT TO EXISTING PRV VAULT. PROVIDE ALL FITTINGS & APPURTENANCES



20 0 20 40
SCALE HORIZONTAL SCALE FEET

Call 811 two business days before you dig

PRELIMINARY

WILSON ENGINEERING
WILSONENGINEERING.COM

PRELIMINARY
CURTIS J. SCHENFELDER
STATE OF WASHINGTON
46842
REGISTERED PROFESSIONAL ENGINEER

DESIGNED BY CDS/MKW
DRAWN BY JGS
CHECKED BY MMM

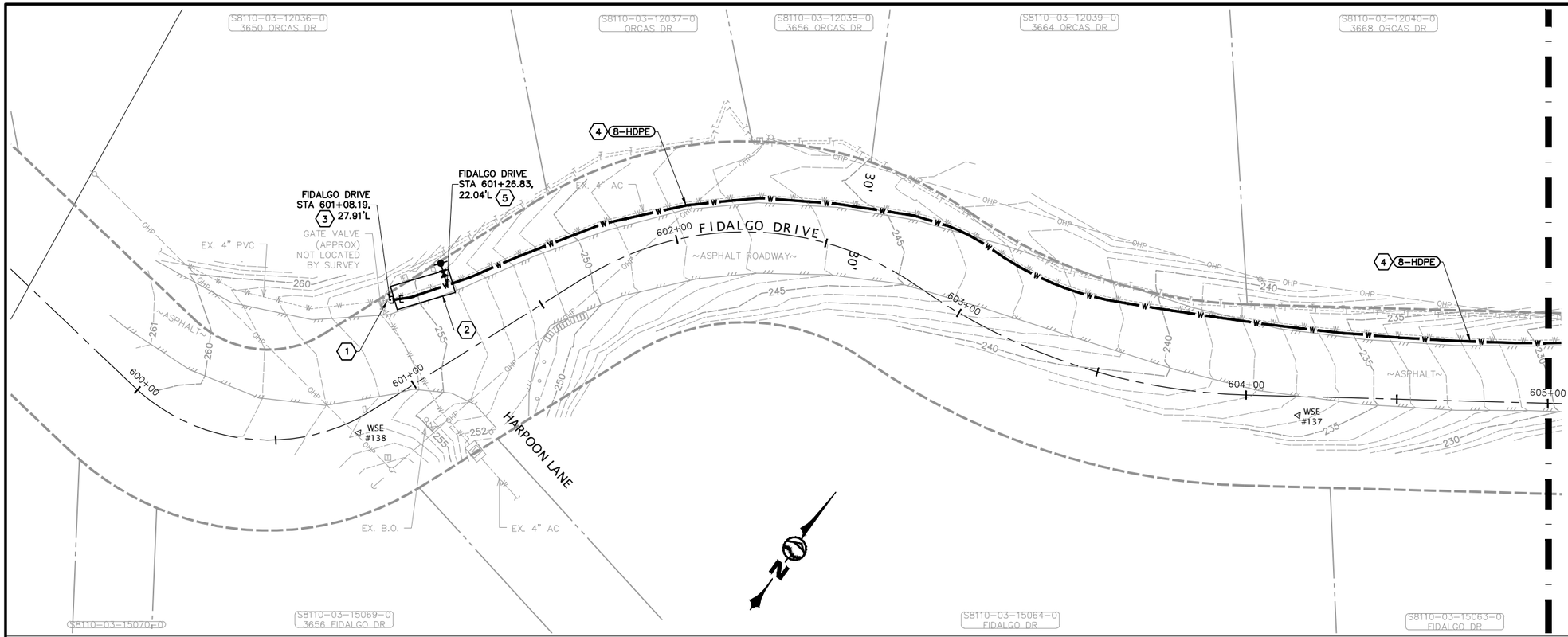
SCATCHET HEAD WATER DISTRICT
WHIDBEY ISLAND WASHINGTON

WATER SYSTEM IMPROVEMENTS

S. GEORGE DRIVE – STA 532+26 TO STA 536+71

DATE 12-8-22
SCALE AS SHOWN
JOB NUMBER 2022-013
SHEET C4.17
PAGE X OF X

PLOT SETTINGS: AutoCAD PDF (General Documentation).pc3, ANSI full bleed B (17.00 x 11.00 Inches), Portrait, 1:2, WE APWA_UNSCREENED.ctb
W:\2022\2022-013 SCATCHET HEAD WD WATER IMPROVEMENTS_MMM\DWG_V2019_NAD83_NAVD88\2022_2022-013 C4.10-C4.17 GEORGE PLAN & PROFILES.DWG – 12/8/2022 2:04 PM – Jeff Smith



NO.	REVISIONS	BY	DATE

KEYED NOTES

1 = CLOSE EX. GV. SEE NOTE 1

2 = 20'x8' ACCESS PIT

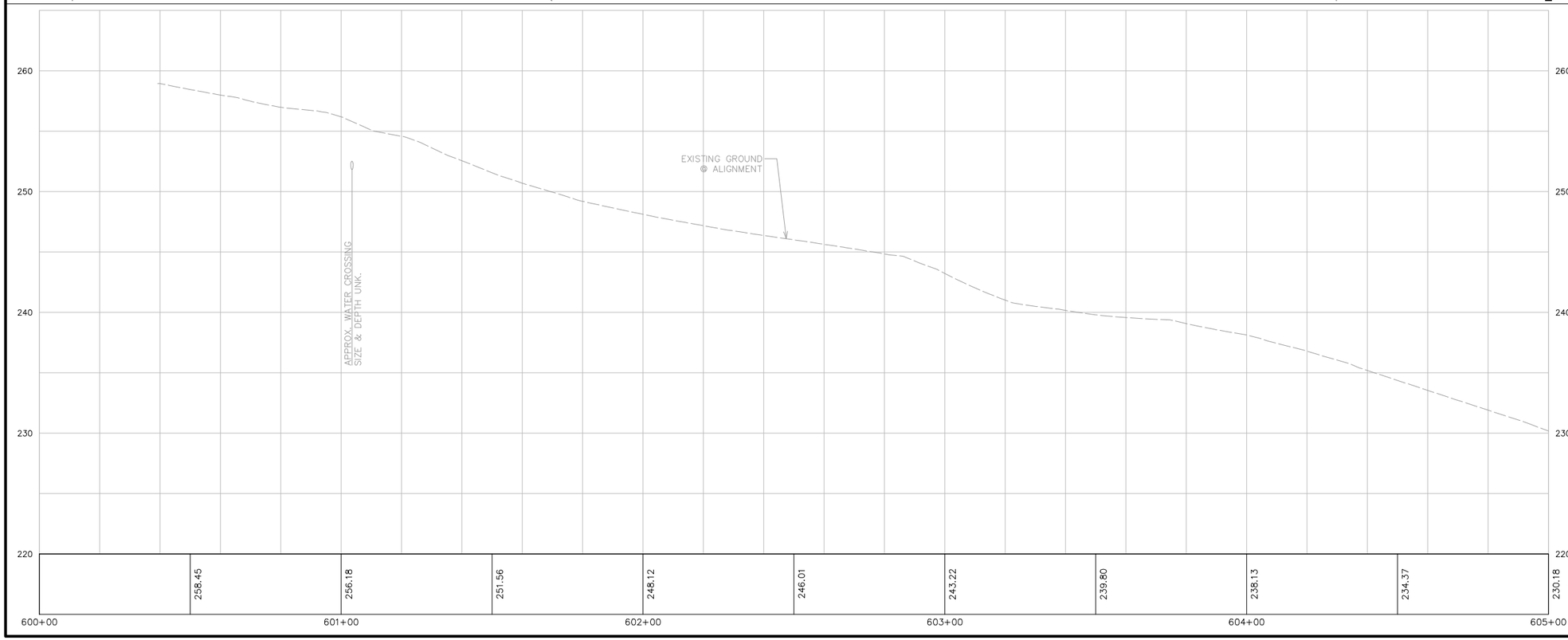
3 = CONNECT TO EX. 4" GV

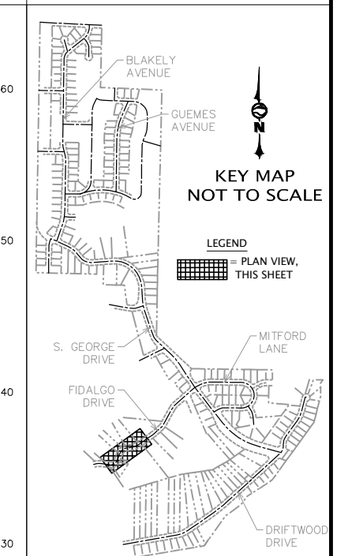
4 = STATIC PIPE-BURSTING INSTALLATION, HDPE ADAPTERS & FITTINGS AS REQUIRED

5 = HYDRANT ASS'Y PER X/X

SHEET NOTES:

1) EX. SUPPLY TO MITFORD LANE & SAND DOLLAR LANE AND AREAS DOWNSTREAM IS FROM FIDALGO DRIVE AND THROUGH THE EXISTING PRV VAULT (TO BE REPLACED). ISOLATION OF THE EXISTING FIDALGO DRIVE MAIN TO BE PIPE-BURSTED CANNOT OCCUR UNTIL THE NEW PRV VAULT AND ASSOCIATED WATER MAINS ARE COMPLETE AND IN OPERATION SUCH THAT MITFORD LANE AND SAND DOLLAR LANE IS SUPPLIED THROUGH THE NEW PRV VAULT.





20 0 20 40
SCALE HORIZONTAL SCALE FEET

811 Call 811 two business days before you dig

PRELIMINARY

WILSON ENGINEERING
WILSONENGINEERING.COM

PRELIMINARY
CHRISTOPHER D. SCHENELDER
STATE OF WASHINGTON
46842
REGISTERED PROFESSIONAL ENGINEER

DESIGNED BY	DRAWN BY	CHECKED BY
XXX	JGS	CDS

SCATCHET HEAD WATER DISTRICT
WHIDBEY ISLAND WASHINGTON

WATER SYSTEM IMPROVEMENTS

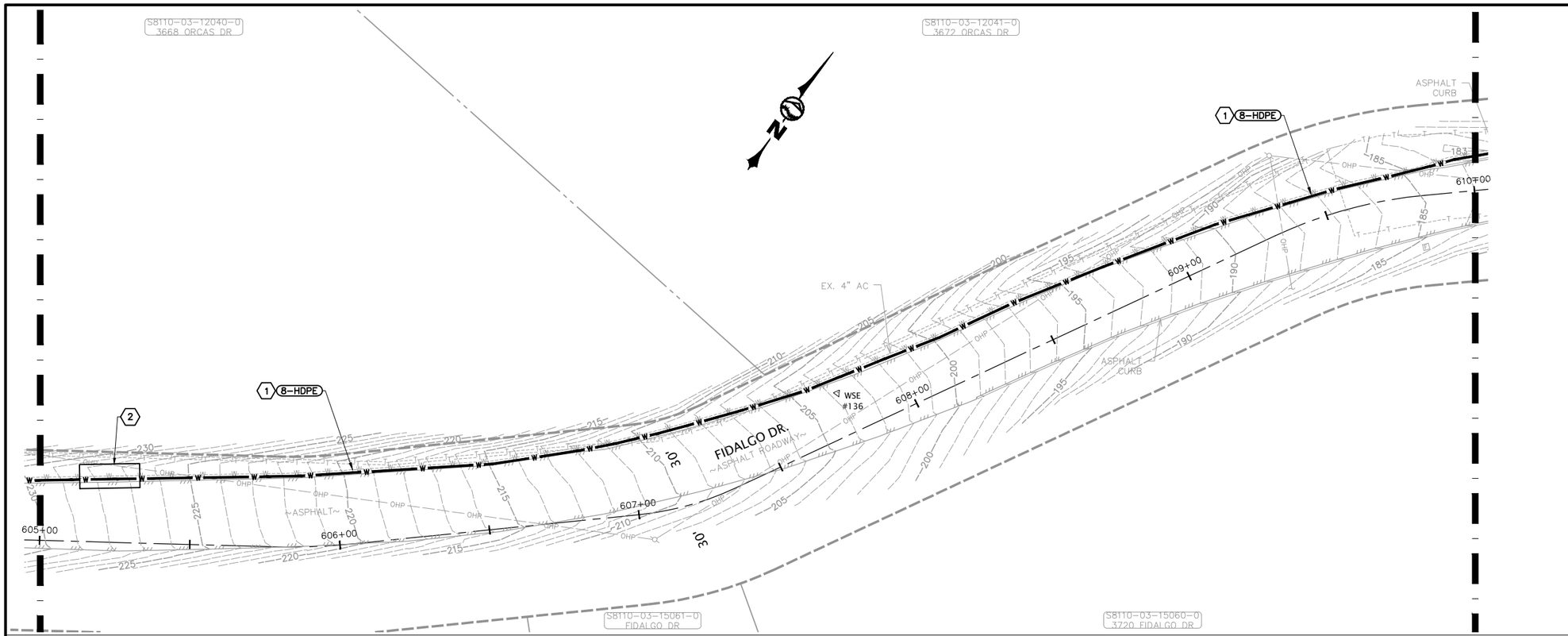
FIDALGO DRIVE – STA 600+00 TO STA 605+00

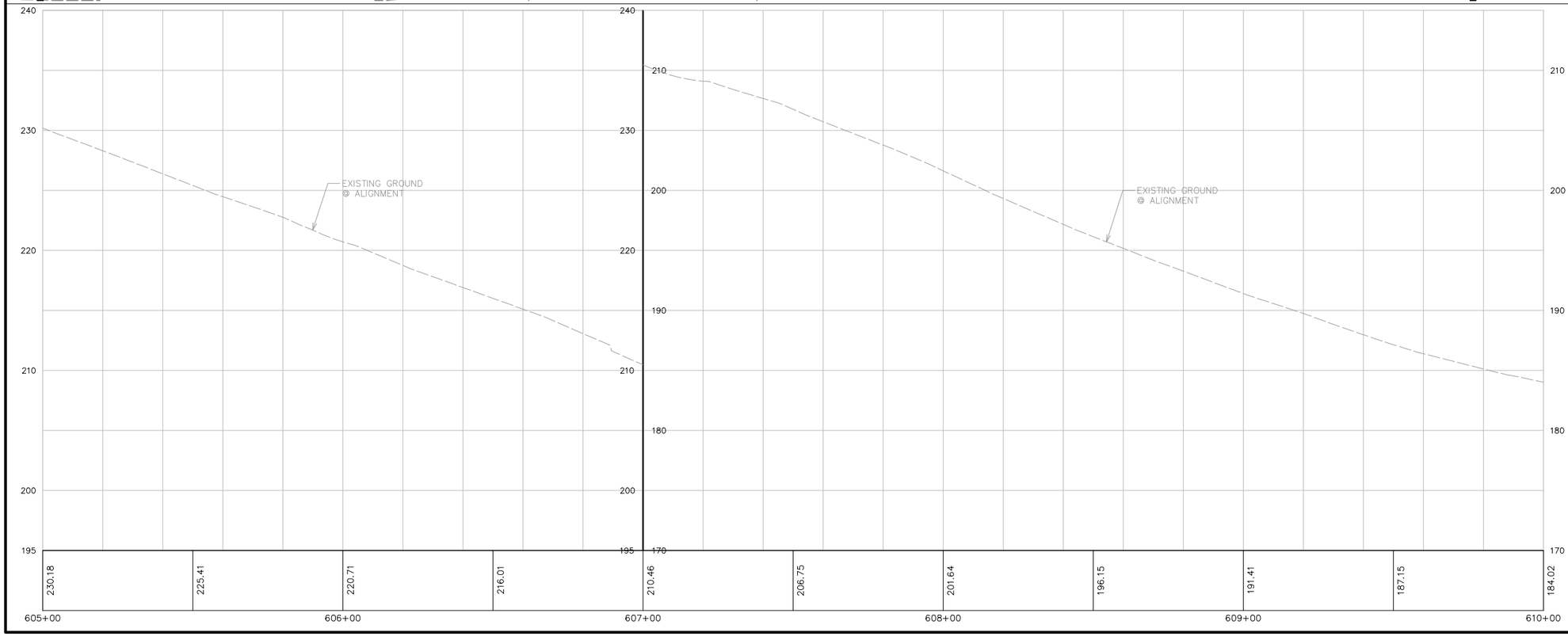
DATE	SCALE	JOB NUMBER
12-8-22	AS SHOWN	2022-013

SHEET C4.18

PAGE X OF X

PLOT SETTINGS: AutoCAD PDF (General Documentation).pc3, ANSI full bleed B (17.00 x 11.00 Inches), Portrait, 1:2, WE APWA_UNSCREENED.ctb
W:\2022\2022-013 SCATCHET HEAD WD WATER IMPROVEMENTS_MMM\DWG_V2019_NAD83_NAVD88\2022_2022-013 C4.18-C4.23 FIDALGO PLAN & PROFILES.DWG – 12/8/2022 2:04 PM – Jeff Smith





NO.	REVISIONS	BY	DATE

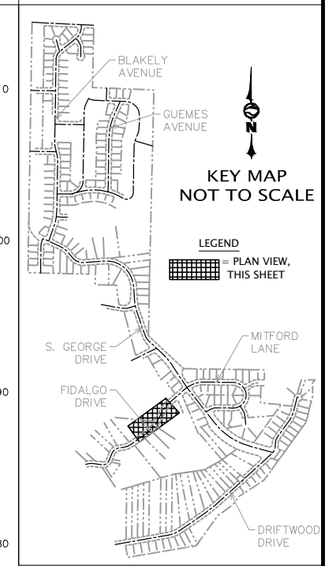
KEYED NOTES

1 = STATIC PIPE-BURSTING INSTALLATION, HDPE ADAPTERS & FITTINGS AS REQUIRED

2 = PIPE BURST ACCESS PIT

SHEET NOTES:

1) EX. SUPPLY TO MITFORD LANE & SAND DOLLAR LANE AND AREAS DOWNSTREAM IS FROM FIDALGO DRIVE AND THROUGH THE EXISTING PRV VAULT (TO BE REPLACED). ISOLATION OF THE EXISTING FIDALGO DRIVE MAIN TO BE PIPE-BURSTED CANNOT OCCUR UNTIL THE NEW PRV VAULT AND ASSOCIATED WATER MAINS ARE COMPLETE AND IN OPERATION SUCH THAT MITFORD LANE AND SAND DOLLAR LANE IS SUPPLIED THROUGH THE NEW PRV VAULT.



20 0 20 40
SCALE HORIZONTAL SCALE FEET

811 Call 811 two business days before you dig

PRELIMINARY

WILSON ENGINEERING
WILSONENGINEERING.COM

PRELIMINARY
CURTIS SCHENFELDER
STATE OF WASHINGTON
46472
REGISTERED PROFESSIONAL ENGINEER

DESIGNED BY	DRAWN BY	CHECKED BY
XXX	JGS	CDS

SCATCHET HEAD WATER DISTRICT
WHIDBEY ISLAND WASHINGTON

WATER SYSTEM IMPROVEMENTS

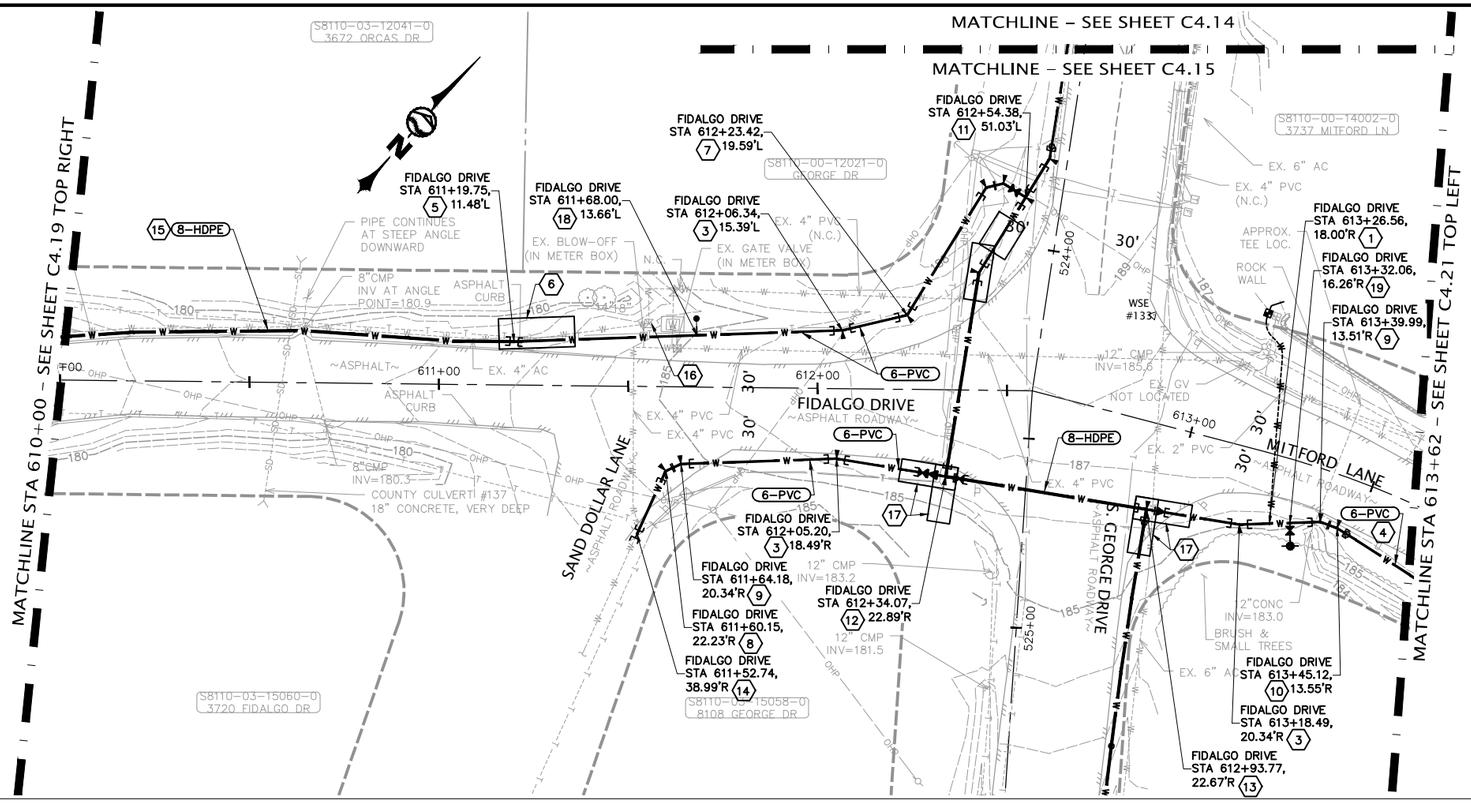
FIDALGO DRIVE – STA 605+00 TO STA 610+00

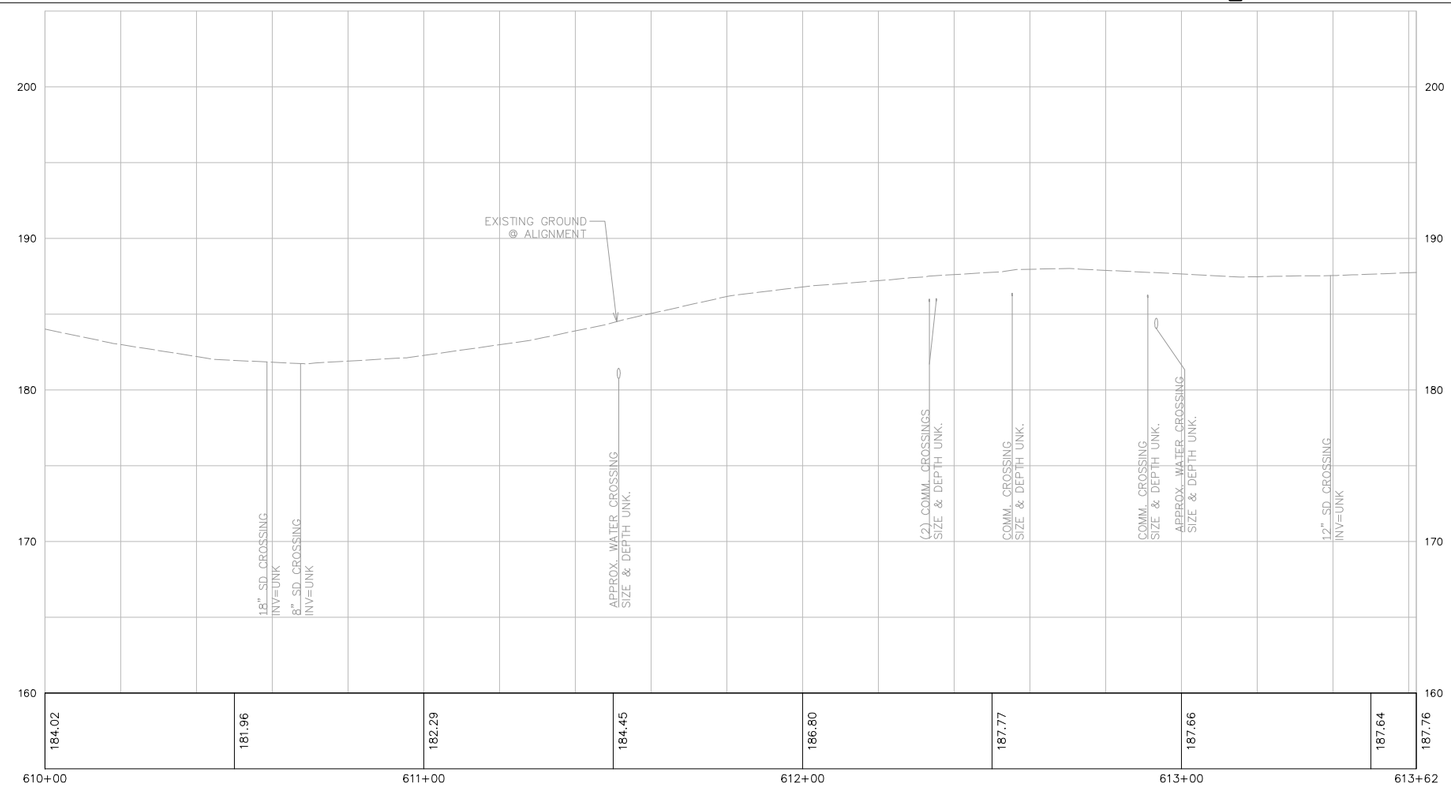
DATE	SCALE	JOB NUMBER
12-8-22	AS SHOWN	2022-013

SHEET C4.19

PAGE X OF X

PLOT SETTINGS: AutoCAD PDF (General Documentation).pc3, ANSI full bleed B (17.00 x 11.00 Inches), Portrait, 1:2, WE APWA_UNSCREENED.ctb
W:\2022\2022-013 SCATCHET HEAD WD WATER IMPROVEMENTS_MMM\DWG_V2019_NAD83_NAVD88\2022_2022-013 C4.18-C4.23 FIDALGO PLAN & PROFILES.DWG – 12/8/2022 2:05 PM – Jeff Smith





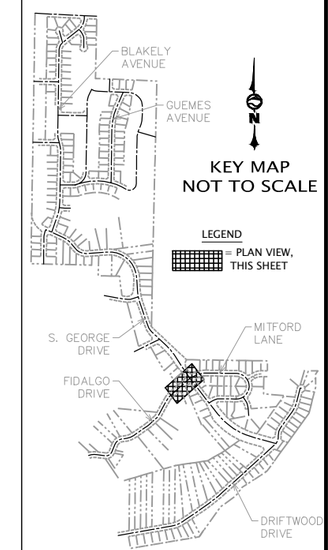
SHEET NOTES:

1) EX. SUPPLY TO MITFORD LANE & SAND DOLLAR LANE AND AREAS DOWNSTREAM IS FROM FIDALGO DRIVE AND THROUGH THE EXISTING PRV VAULT (TO BE REPLACED). ISOLATION OF THE EXISTING FIDALGO DRIVE MAIN TO BE PIPE-BURSTED CANNOT OCCUR UNTIL THE NEW PRV VAULT AND ASSOCIATED WATER MAINS ARE COMPLETE AND IN OPERATION SUCH THAT MITFORD LANE AND SAND DOLLAR LANE IS SUPPLIED THROUGH THE NEW PRV VAULT.

NO.	REVISIONS	BY	DATE

KEYED NOTES

1. = SERVICE CONNECTION PER X/X
2. = 6" 22-1/2° BEND MJxMJ, THRUST BLOCKING
3. = 6" 11-1/4° BEND MJxMJ, THRUST BLOCKING
4. = MIN. 175' RADIUS
5. = TRANSITION & REDUCE FROM 8" HDPE TO 6" PVC
6. = PIPE BURST ACCESS PIT
7. = 6" 45° BEND MJxMJ, THRUST BLOCKING
8. = 6" 45° BEND FLxMJ, THRUST BLOCKING
9. = 6" 22-1/2° BEND FLxMJ, THRUST BLOCKING
10. = 6" 11-1/4° BEND FLxMJ, THRUST BLOCKING
11. = 6" TEE MJxMJxFL, 6" GV FLxFL, 6" 45° BEND FLxFL, 6" 45° BEND FLxMJ, THRUST BLOCKING
12. = 8" TEE FLxMJxFL, 8" GV FLxMJ, 8" GV FLxFL, 8"x6" REDUCER FLxMJ, THRUST BLOCKING
13. = 8" TEE FLxMJxMJ, 8"x6" REDUCER FLxMJ, THRUST BLOCKING
14. = CONNECT TO EX. 4" PVC
15. = STATIC PIPE-BURSTING INSTALLATION, HDPE FITTINGS & ADAPTERS AS REQUIRED
16. = CLOSE EX. GV, SEE NOTE 1
17. = HDD ACCESS PIT
18. = BLOW-OFF ASS'Y PER X/X
19. = HYDRANT ASS'Y PER X/X



20 0 20 40
SCALE HORIZONTAL SCALE FEET

811 Call 811 two business days before you dig

PRELIMINARY

WILSON ENGINEERING
WILSONENGINEERING.COM

PRELIMINARY
CURTIS A. SCHENENELDER
STATE OF WASHINGTON
46842
REGISTERED PROFESSIONAL ENGINEER

DESIGNED BY	DRAWN BY	CHECKED BY
XXX	JGS	CDS

SCATCHET HEAD WATER DISTRICT
WHIDBEY ISLAND WASHINGTON

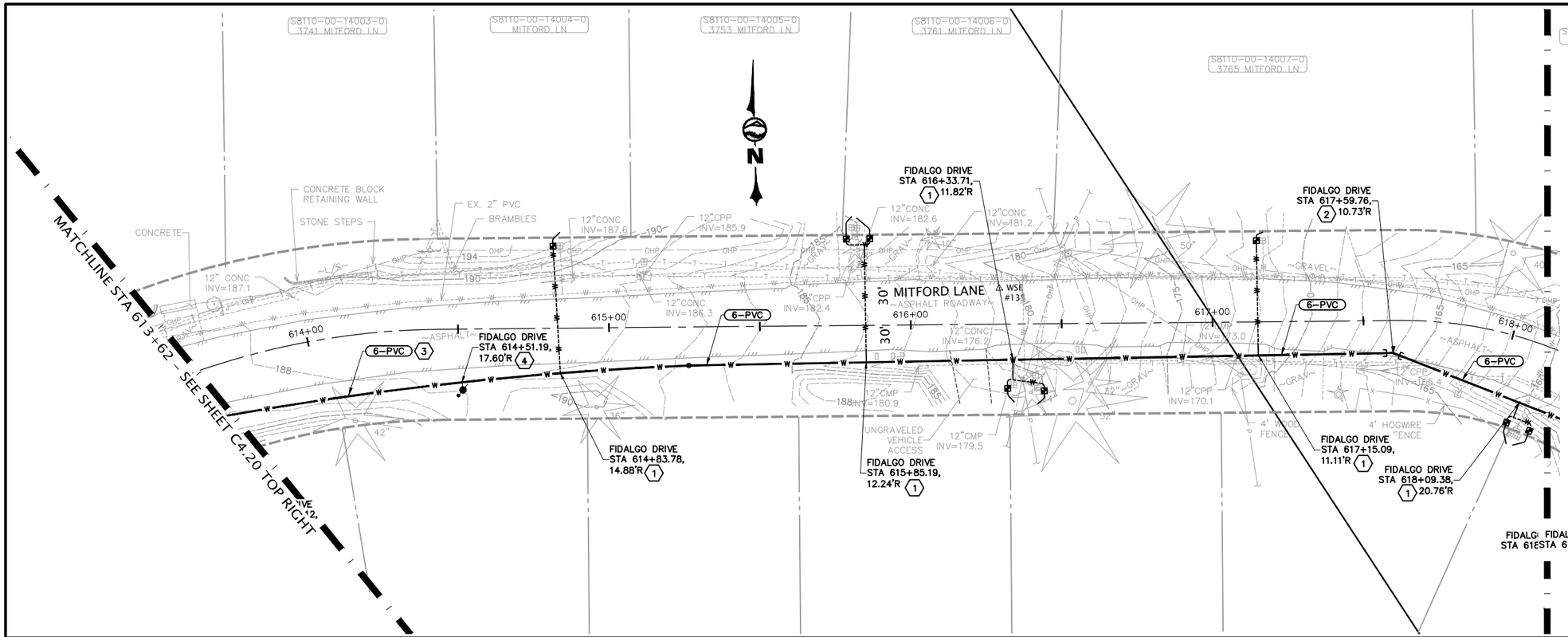
WATER SYSTEM IMPROVEMENTS

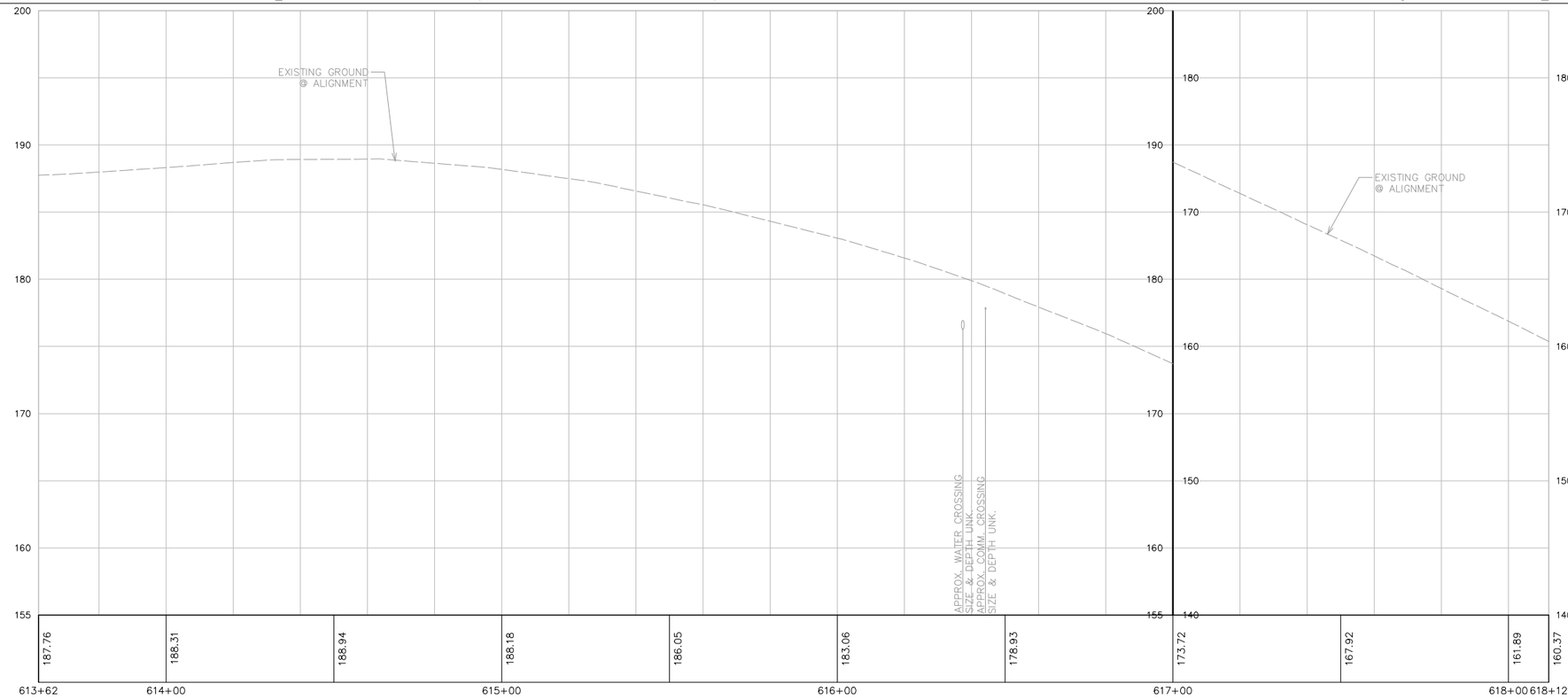
FIDALGO DRIVE/MITFORD LANE – STA 610+00 TO STA 613+62

DATE	SCALE	JOB NUMBER
12-8-22	AS SHOWN	2022-013

SHEET C4.20 PAGE X OF X

PLOT SETTINGS: AutoCAD PDF (General Documentation).pc3, ANSI full bleed B (17.00 x 11.00 Inches), Portrait, 1:2, WE APWA_UNSCREENED.ctb
W:\2022\2022-013 SCATCHET HEAD WD WATER IMPROVEMENTS_MMM\DWG_V2019_NAD83_NAVD88\V2022_2022-013 C4.18-C4.23 FIDALGO PLAN & PROFILES.DWG – 12/8/2022 2:05 PM – Jeff Smith

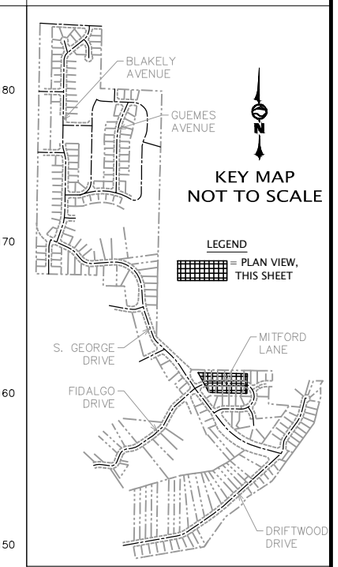




NO.	REVISIONS	BY	DATE

KEYED NOTES

1. = SERVICE CONNECTION PER (X/X)
2. = 6" 22-1/2° BEND MJxMJ, THRUST BLOCKING
3. = MIN. 175' RADIUS
4. = COMBINATION AIR/VACUUM RELIEF VALVE. LOCATE AT HIGH POINT PER (X/X)



SCALE 20 0 20 40 FEET
HORIZONTAL SCALE

Call 811 two business days before you dig

PRELIMINARY

WILSON ENGINEERING
WILSONENGINEERING.COM

PRELIMINARY

DESIGNED BY	DRAWN BY	CHECKED BY
XXX	JGS	CDS

SCATCHET HEAD WATER DISTRICT
WHIDBEY ISLAND WASHINGTON

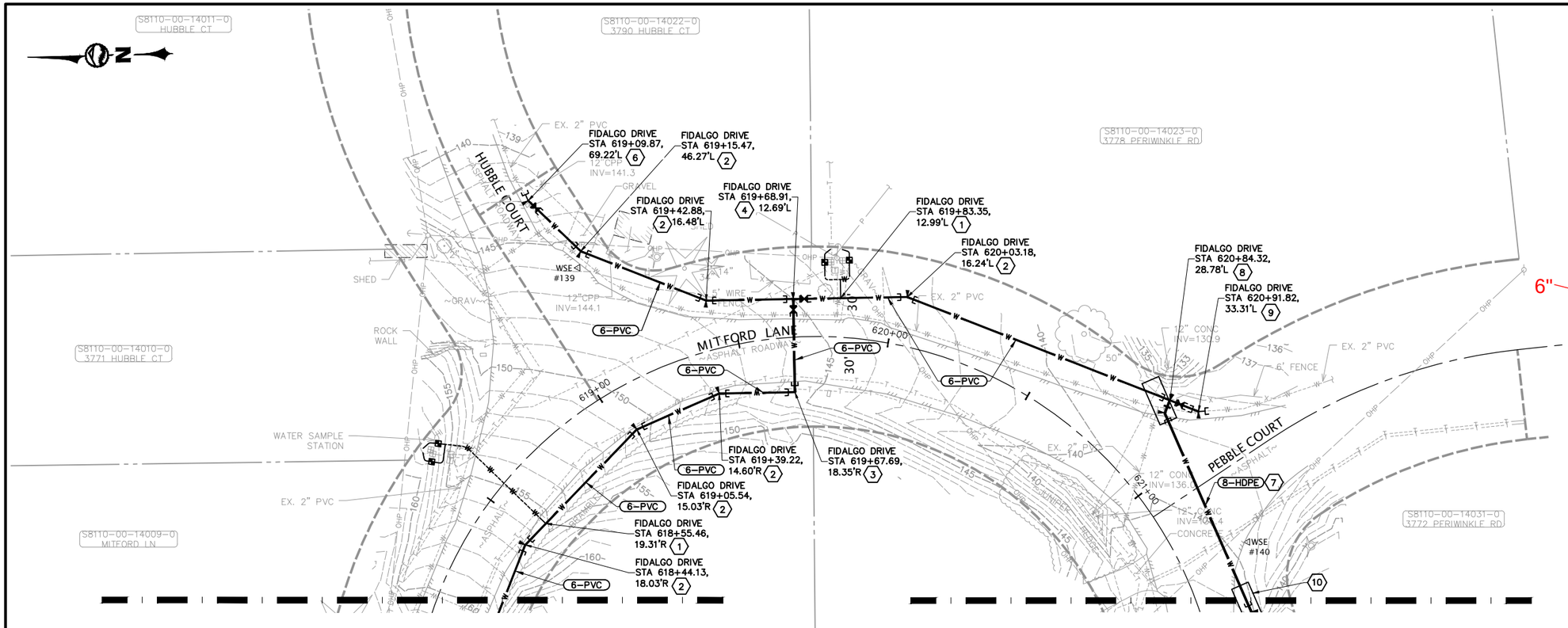
WATER SYSTEM IMPROVEMENTS

MITFORD LANE – STA 613+62 TO STA 618+12

DATE	SCALE	JOB NUMBER
12-8-22	AS SHOWN	2022-013

SHEET C4.21 PAGE X OF X

PLOT SETTINGS: AutoCAD PDF (General Documentation).pc3, ANSI full bleed B (17.00 x 11.00 Inches), Portrait, 1:2, WE APWA_UNSCREENED.ctb
W:\2022\2022-013 SCATCHET HEAD WD WATER IMPROVEMENTS_AMM\DWG_V2019_NAD83_NAVD88\2022_2022-013 C4.18-C4.23 FIDALGO PLAN & PROFILES.DWG – 12/8/2022 2:05 PM – Jeff Smith

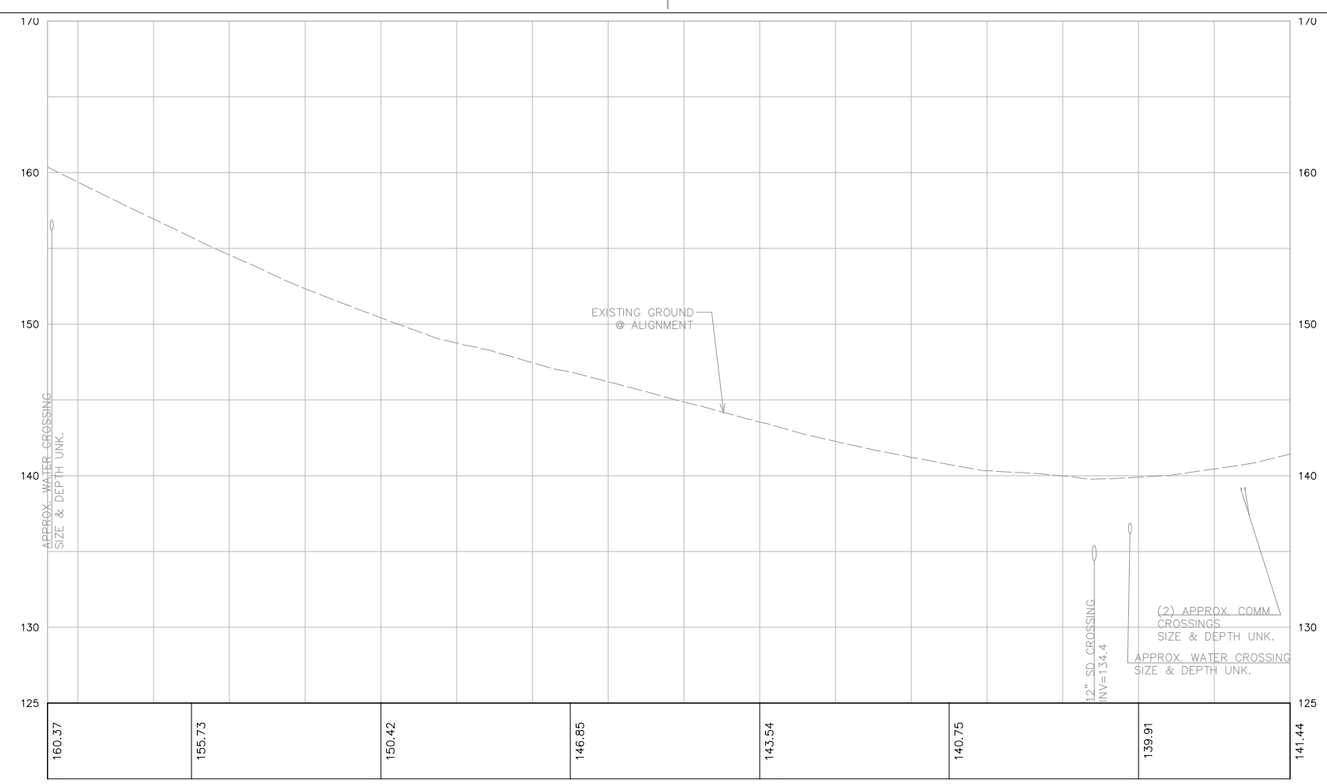


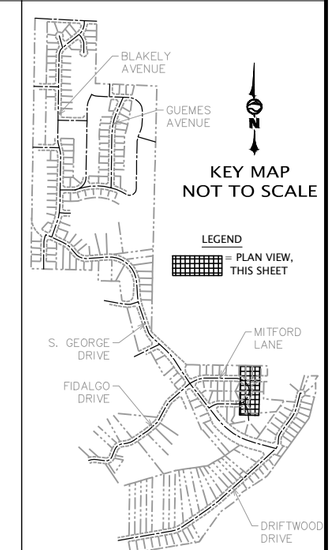
NO.	REVISIONS	BY	DATE

KEYED NOTES

1. = SERVICE CONNECTION PER X/X
2. = 6" 22-1/2° BEND MJxMJ, THRUST BLOCKING
3. = 6" 90° BEND MJxMJ, THRUST BLOCKING
4. = 6" TEE FLxFLxMJ, 6" GV FLxMJ, 6" GV FLxMJ, THRUST BLOCKING
5. = 6" 45° BEND MJxMJ
6. = CONNECT TO EX. 2" REDUCERS & FITTINGS AS REQUIRED. 6" 22-1/2° BEND MJxFL, 6" GV FLxMJ
7. = 8" HDPE INSTALLED BY HORIZONTAL DIRECTIONAL DRILLING. HDPE ADAPTERS & FITTINGS AS REQUIRED
8. = 6"x8"x8" TEE FLxFLxMJ, 8" 45° BEND FLxMJ, 6" GV FLxMJ, THRUST BLOCKING
9. = 6"ø 22-1/2° BEND MJxMJ, CONNECT TO EX. 2", REDUCERS & FITTINGS AS REQUIRED
10. = HDD ACCESS PIT

6"





20 0 20 40
SCALE HORIZONTAL SCALE FEET

Call 811 two business days before you dig

PRELIMINARY

WILSON ENGINEERING
WILSONENGINEERING.COM

PRELIMINARY

DESIGNED BY	DRAWN BY	CHECKED BY
XXX	JGS	CDS

SCATCHET HEAD WATER DISTRICT
WHIDBEY ISLAND WASHINGTON

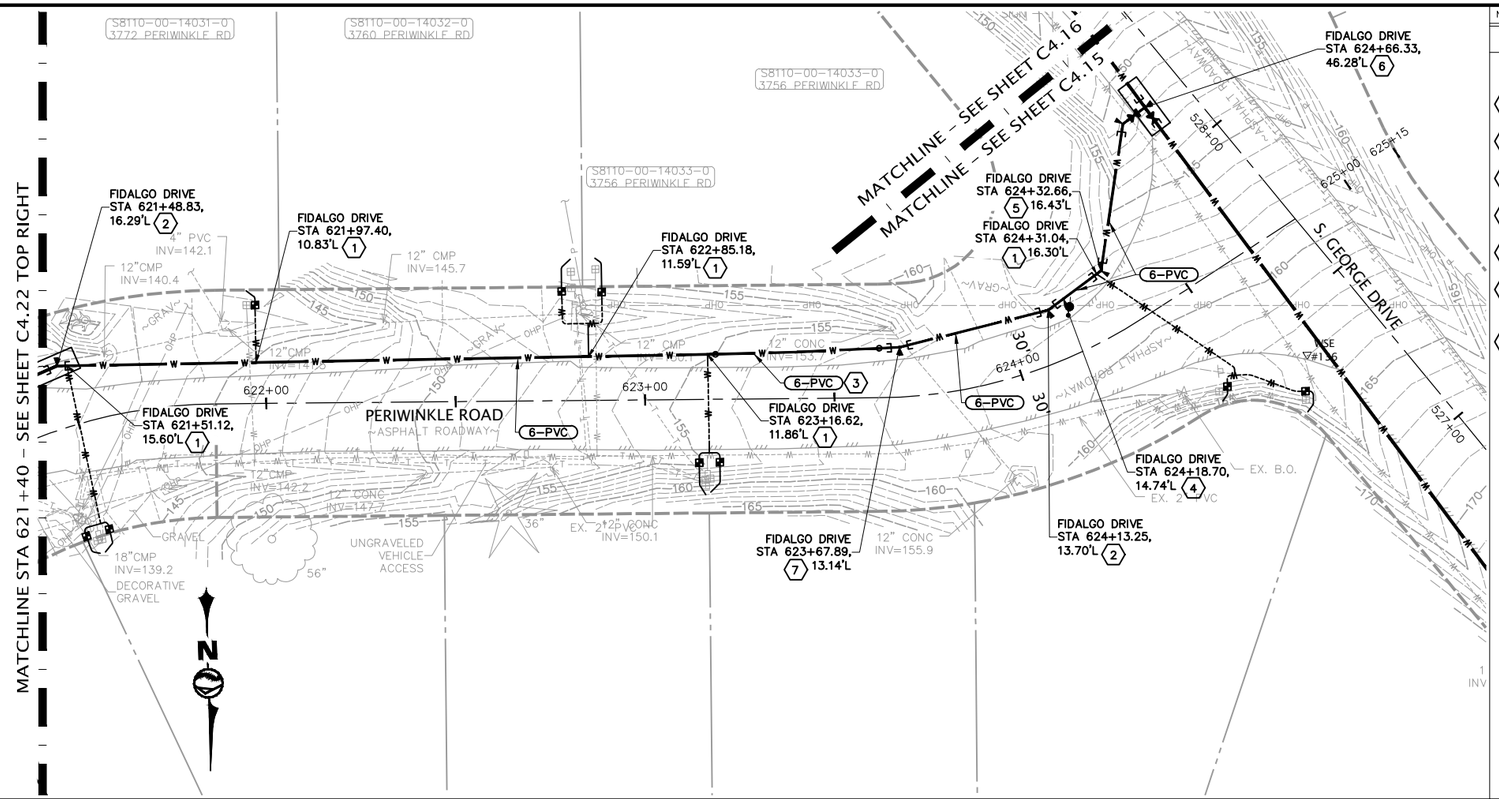
WATER SYSTEM IMPROVEMENTS

MITFORD LANE – STA 618+12 TO STA 621+40

DATE	SCALE	JOB NUMBER
12-8-22	AS SHOWN	2022-013

SHEET C4.22 PAGE X OF X

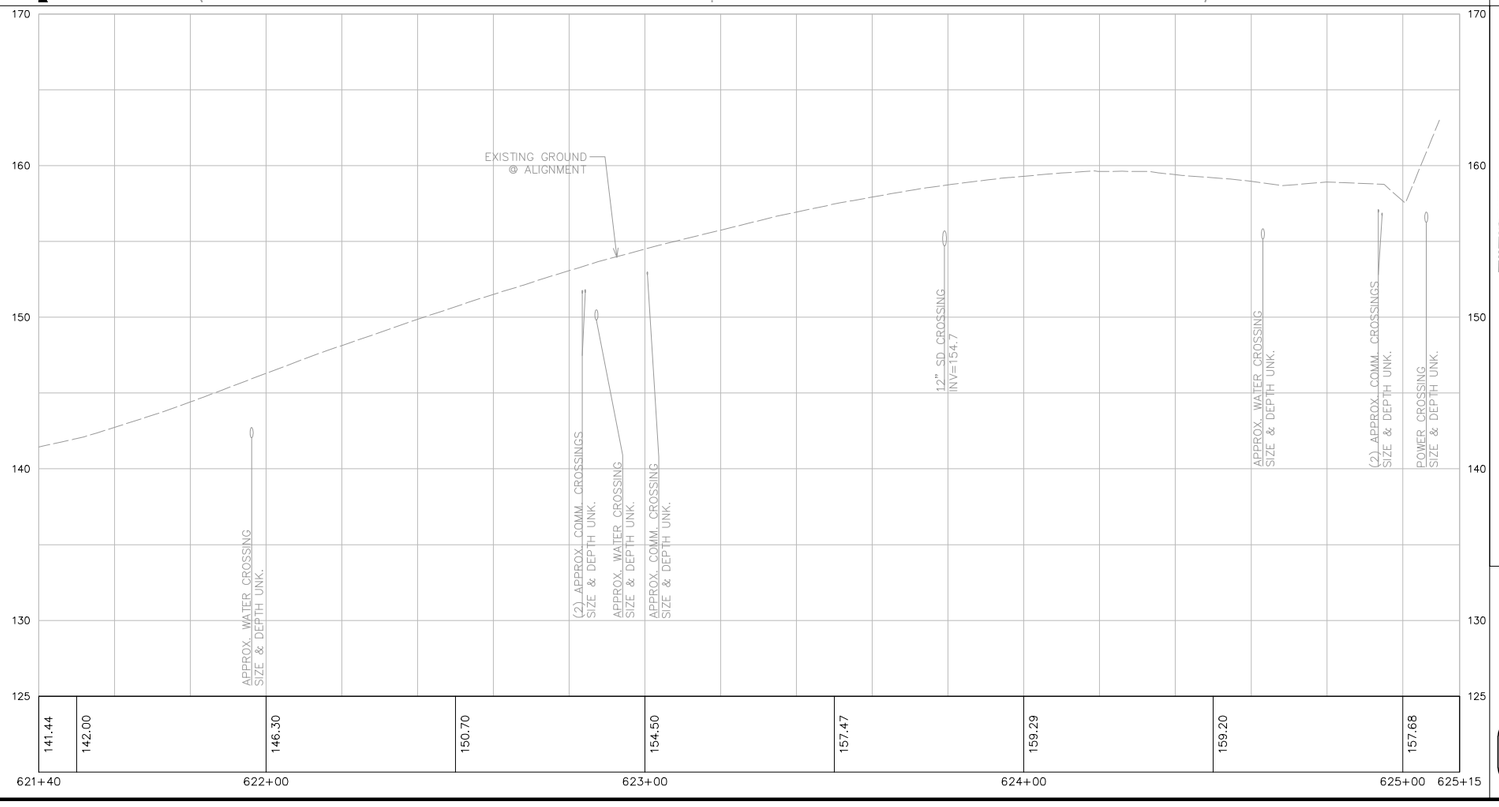
PLOT SETTINGS: AutoCAD PDF (General Documentation).pc3, ANSI full bleed B (17.00 x 11.00 Inches), Portrait, 1:2, WE APWA_UNSCREENED.ctb
W:\2022\2022-013 SCATCHET HEAD WD WATER IMPROVEMENTS_MMM\DWG_V2019_NAD83_NAVD88\V2022_2022-013 C4.18-C4.23 FIDALGO PLAN & PROFILES.DWG – 12/8/2022 2:06 PM – Jeff Smith

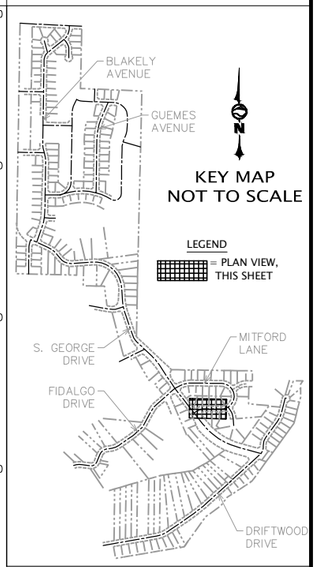


NO.	REVISIONS	BY	DATE

KEYED NOTES

1. = SERVICE CONNECTION PER (X/X)
2. = 6" 22-1/2° BEND MJxMJ, THRUST BLOCKING
3. = MIN. 175' RADIUS
4. = COMBINATION AIR/VACUUM RELIEF VALVE. LOCATE AT HIGH POINT PER (X/X)
5. = 6" 45° BEND MJxMJ, THRUST BLOCKING
6. = 8"x6" TEE FLxFLxMJ, 8" GV FLxFL, 6" GV FLxFL, 6" 45° BEND FLxMJ, THRUST BLOCKING
7. = 6" 11-1/4° BEND MJxMJ, THRUST BLOCKING





20 0 20 40
SCALE HORIZONTAL SCALE FEET

811 Call 811 two business days before you dig

PRELIMINARY

WILSON ENGINEERING
WILSONENGINEERING.COM

PRELIMINARY
CURTIS D. SCHENELDER
STATE OF WASHINGTON
46842
REGISTERED PROFESSIONAL ENGINEER

DESIGNED BY	DRAWN BY	CHECKED BY
XXX	JGS	CDS

SCATCHET HEAD WATER DISTRICT
WHIDBEY ISLAND WASHINGTON

WATER SYSTEM IMPROVEMENTS

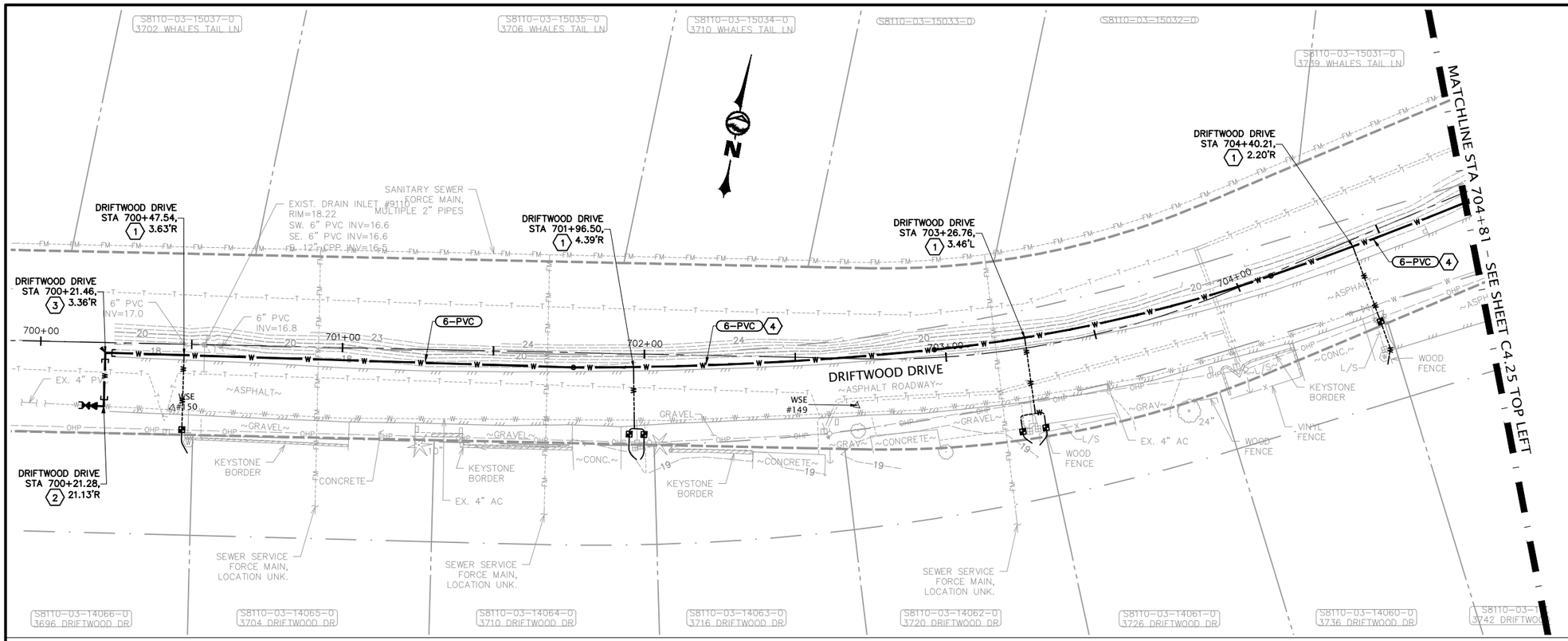
PERIWINKLE ROAD – STA 621+40 TO 625+15

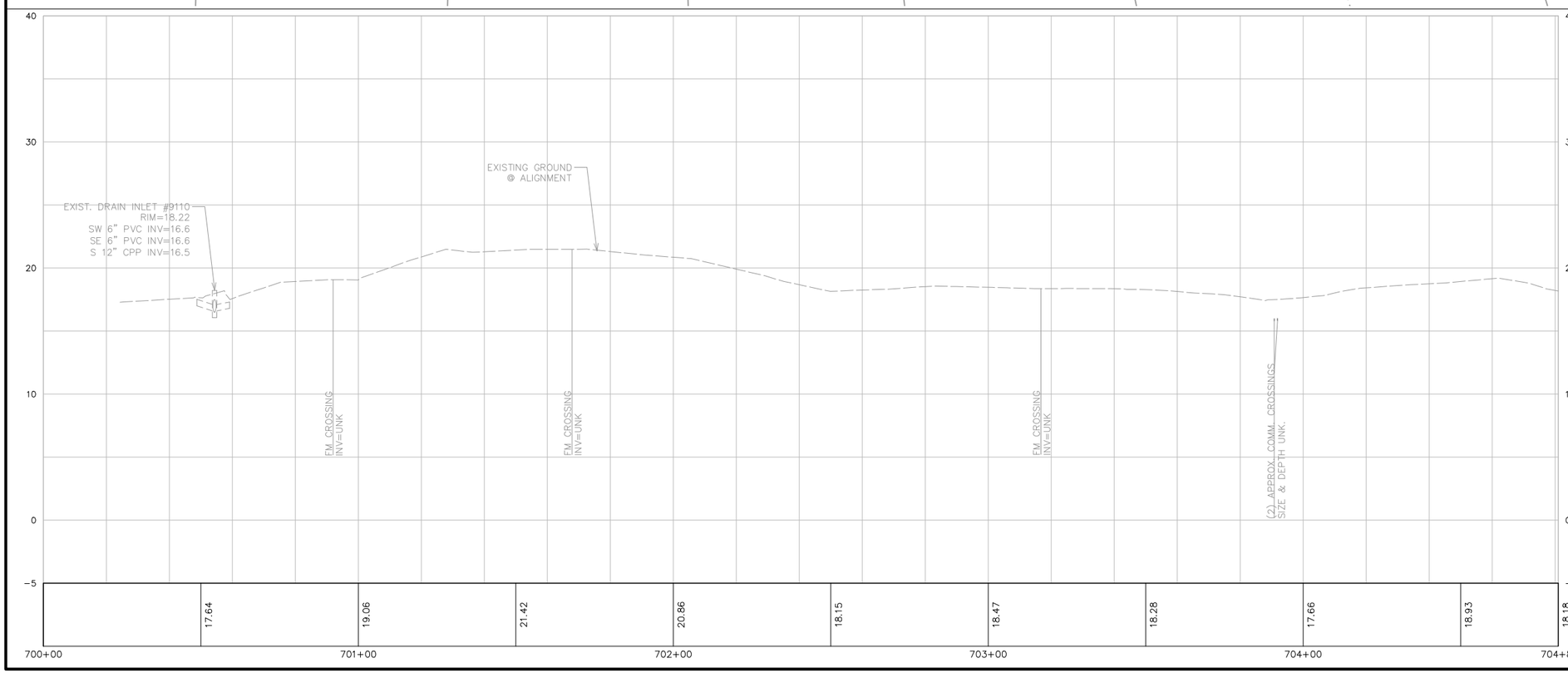
DATE	SCALE	JOB NUMBER
12-8-22	AS SHOWN	2022-013

SHEET C4.23

PAGE X OF X

PLOT SETTINGS: AutoCAD PDF (General Documentation).pc3, ANSI full bleed B (17.00 x 11.00 Inches), Portrait, 1:2, WE APWA_UNSCREENED.ctb
W:\2022\2022-013 SCATCHET HEAD WD WATER IMPROVEMENTS_AMM\DWG_V2019_NAD83_NAVD88\2022_2022-013 C4.18-C4.23 FIDALGO PLAN & PROFILES.DWG – 12/8/2022 2:06 PM – Jeff Smith

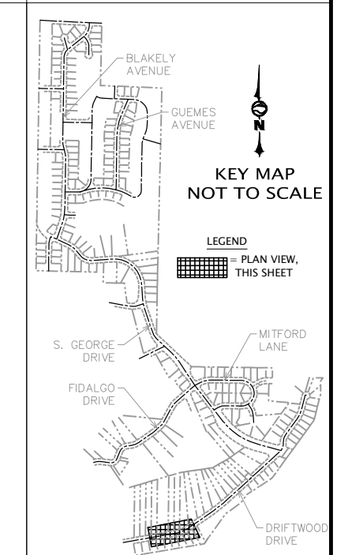




NO.	REVISIONS	BY	DATE

KEYED NOTES

1. = SERVICE CONNECTION PER X/X
2. = CONNECT TO EX. 4" PVC 6" 90° FLxMJ, 6"x4" REDUCER FLxFL, 4" GV FLxMJ, THRUST BLOCKING
3. = 6" 90° BEND MJxMJ, THRUST BLOCKING
4. = MIN. 175' RADIUS



20 0 20 40
SCALE HORIZONTAL SCALE FEET

811 Call 811 two business days before you dig

PRELIMINARY

WILSON ENGINEERING
WILSONENGINEERING.COM

PRELIMINARY
CURTIS D. SCHENFELDER
STATE OF WASHINGTON
48342
REGISTERED PROFESSIONAL ENGINEER

DESIGNED BY	DRAWN BY	CHECKED BY
XXX	JGS	CDS

SCATCHET HEAD WATER DISTRICT
WHIDBEY ISLAND WASHINGTON

WATER SYSTEM IMPROVEMENTS

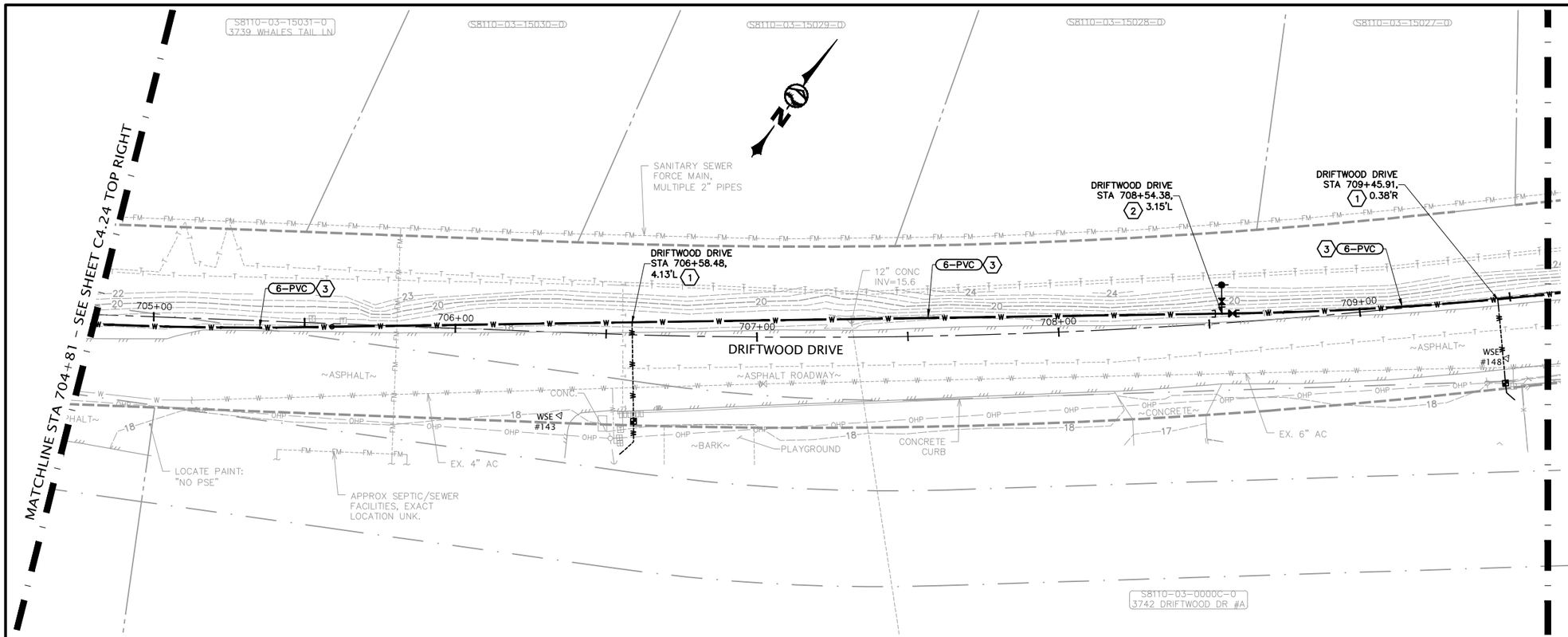
DRIFTWOOD DRIVE – STA 700+00 TO STA 704+81

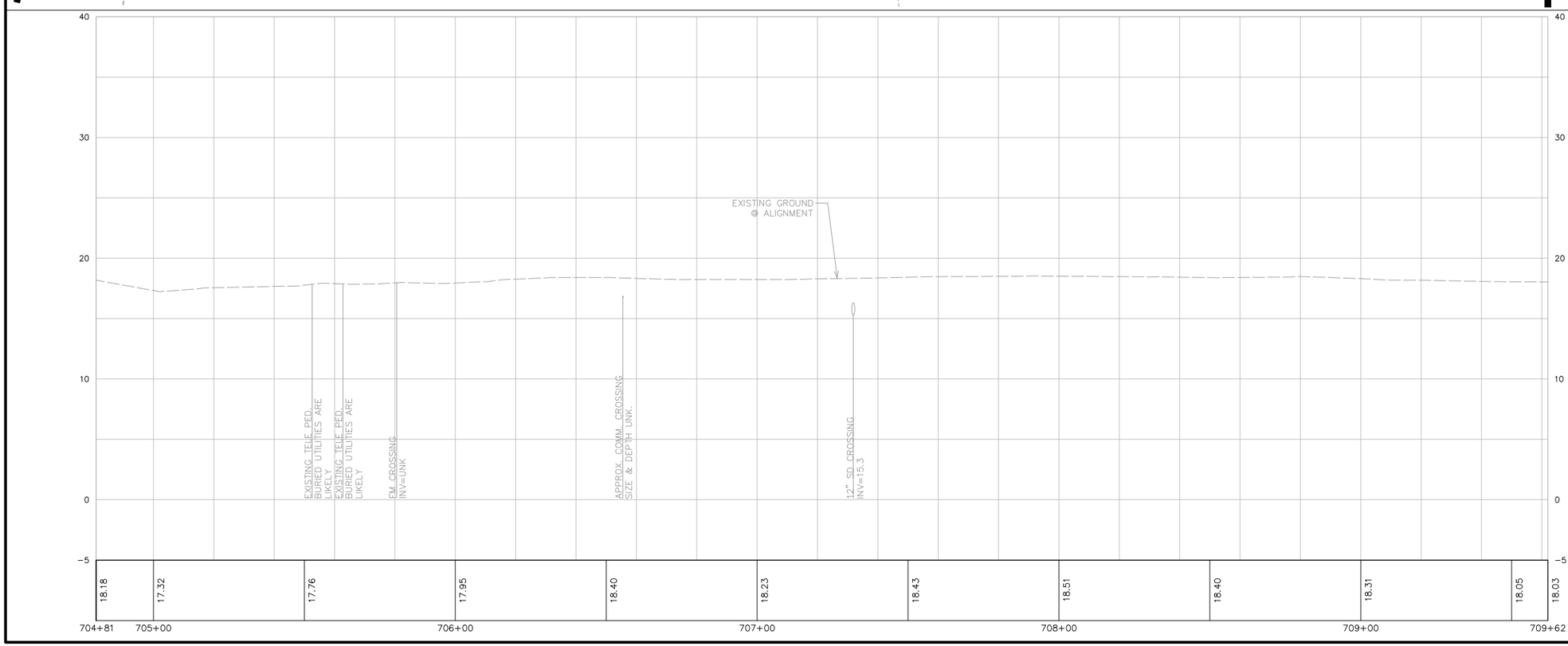
DATE	SCALE	JOB NUMBER
12-8-22	AS SHOWN	2022-013

SHEET C4.24

PAGE X OF X

PLOT SETTINGS: AutoCAD PDF (General Documentation).pc3, ANSI full bleed B (17.00 x 11.00 Inches), Portrait, 1:2, WE_APWA_UNSCREENED.ctb
W:\2022\2022-013 SCATCHET HEAD WD WATER IMPROVEMENTS_MMM\DWG_V2019_NAD83_NAVD88\V2022_2022-013 C4.24-C4.28 DRIFTWOOD PLAN & PROFILES.DWG – 12/8/2022 2:07 PM – Jeff Smith





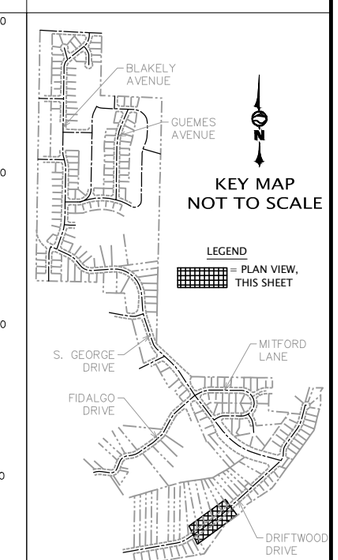
NO.	REVISIONS	BY	DATE

KEYED NOTES

(1) = SERVICE CONNECTION PER (X/X)

(2) = 6" GV FLxMJ, HYDRANT ASS'Y PER (X/X)

(3) = 175' MIN RADIUS



20 0 20 40
SCALE HORIZONTAL SCALE FEET

811 Call 811 two business days before you dig

PRELIMINARY

WILSON ENGINEERING
WILSONENGINEERING.COM

PRELIMINARY
CURTIS D. SCHENFELDER
STATE OF WASHINGTON
46842
REGISTERED PROFESSIONAL ENGINEER

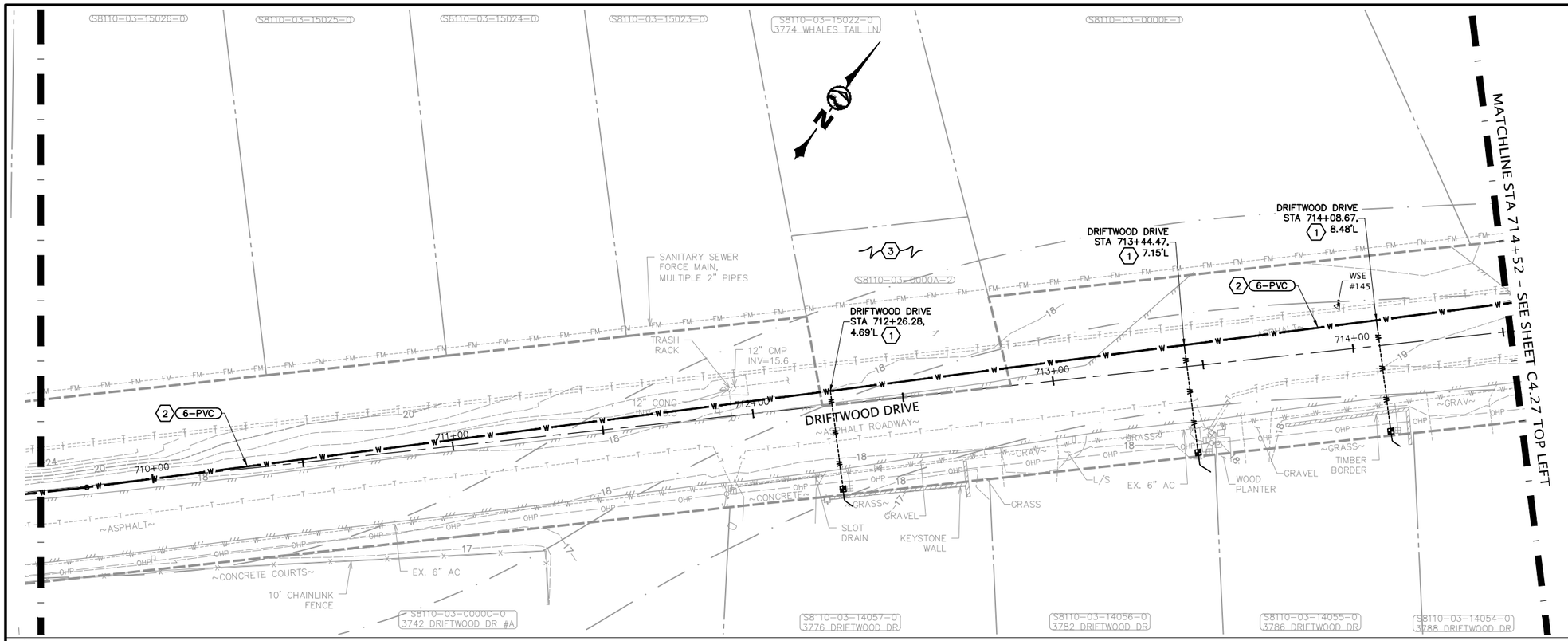
DESIGNED BY XXX
DRAWN BY JGS
CHECKED BY CDS

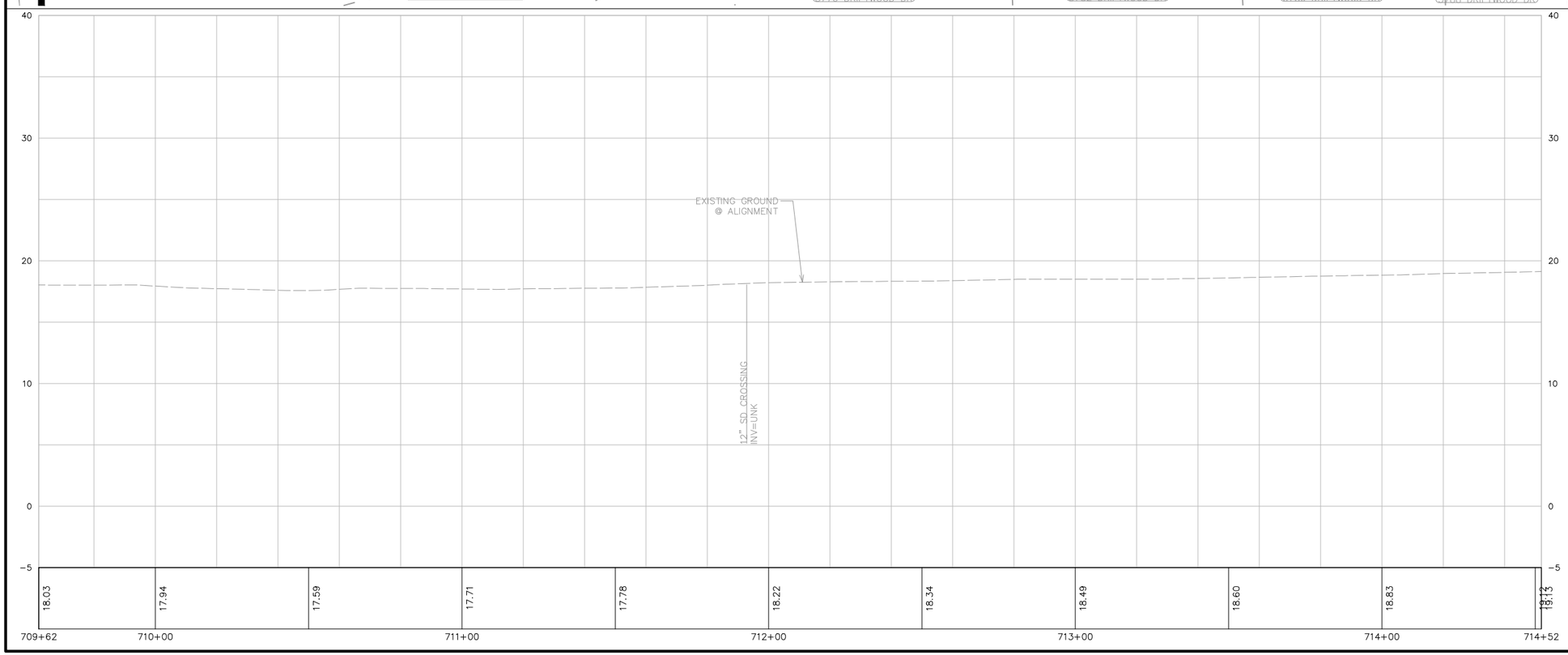
SCATCHET HEAD WATER DISTRICT
WHIDBEY ISLAND WASHINGTON
WATER SYSTEM IMPROVEMENTS
DRIFTWOOD DRIVE – STA 704+81 TO STA 709+62

DATE 12-8-22
SCALE AS SHOWN
JOB NUMBER 2022-013

SHEET C4.25
PAGE X OF X

PLOT SETTINGS: AutoCAD PDF (General Documentation).pc3, ANSI full bleed B (17.00 x 11.00 Inches), Portrait, 1:2, WE APWA_UNSCREENED.ctb
W:\2022\2022-013 SCATCHET HEAD WD WATER IMPROVEMENTS_MMM\DWG_V2019_NAD83_NAVD88\V2022_2022-013 C4.24-C4.28 DRIFTWOOD PLAN & PROFILES.DWG – 12/8/2022 2:07 PM – Jeff Smith





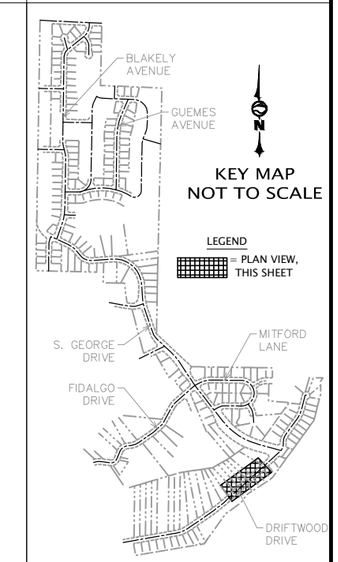
NO.	REVISIONS	BY	DATE

KEYED NOTES

(1) = SERVICE CONNECTION PER (X/X)

(2) = 175' MIN. RADIUS

(3) = SCATCHET HEAD WATER DISTRICT PROPERTY



20 0 20 40
SCALE HORIZONTAL SCALE FEET

811 Call 811 two business days before you dig

PRELIMINARY

WILSON ENGINEERING
WILSONENGINEERING.COM

PRELIMINARY
DAVID SCHENEFELDER
STATE OF WASHINGTON
46842
REGISTERED PROFESSIONAL ENGINEER

DESIGNED BY	DRAWN BY	CHECKED BY
XXX	JGS	CDS

SCATCHET HEAD WATER DISTRICT
WHIDBEY ISLAND WASHINGTON

WATER SYSTEM IMPROVEMENTS

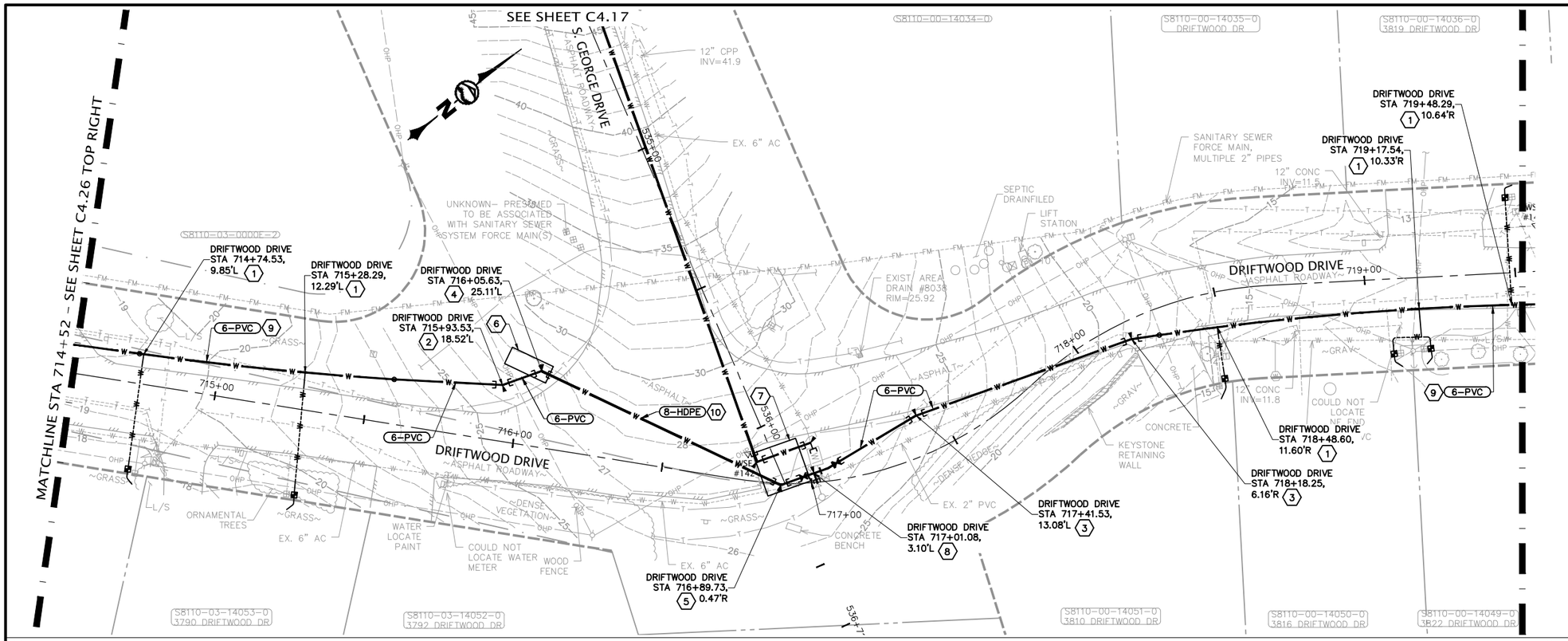
DRIFTWOOD DRIVE – STA 709+62 TO STA 714+52

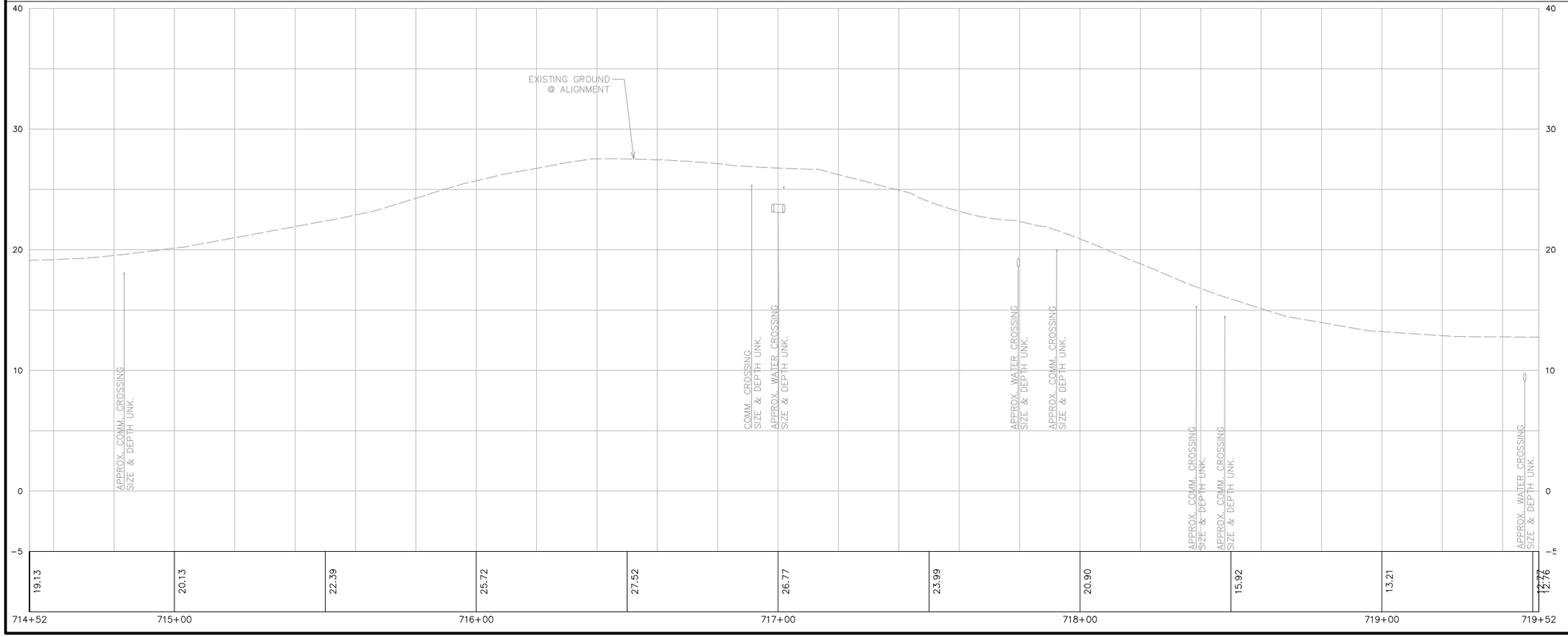
DATE	SCALE	JOB NUMBER
12-8-22	AS SHOWN	2022-013

SHEET C4.26

PAGE X OF X

PLOT SETTINGS: AutoCAD PDF (General Documentation).pc3, ANSI full bleed B (17.00 x 11.00 Inches), Portrait, 1:2, WE_APWA_UNSCREENED.ctb
W:\2022\2022-013 SCATCHET HEAD WD WATER IMPROVEMENTS_MMM\DWG_V2019_NAD83_NAVD88\V2022_2022-013 C4.24-C4.28 DRIFTWOOD PLAN & PROFILES.DWG – 12/8/2022 2:08 PM – Jeff Smith

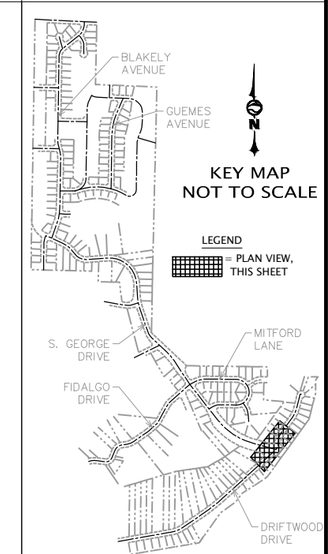




NO.	REVISIONS	BY	DATE

KEYED NOTES

1. = SERVICE CONNECTION PER X/X
2. = 6" 22-1/2° BEND MJxMJ, THRUST BLOCKING
3. = 6" 11-1/4° BEND MJxMJ, THRUST BLOCKING
4. = 6" 45° BEND MJxMJ, THRUST BLOCKING
5. = 6" 45° BEND MJxMJ, THRUST BLOCKING
6. = HDD ACCESS PIT
7. = HDD ACCESS PIT
8. = CONNECT TO EX. 4" DI PRV OUTLET PIPE. CONNECT TO EX. HYDRANT GATE VALVE. 6" TEE FLxMJxFL, 6" 11-1/4° BEND FLxFL, (2) 6" GVs FLxMJ, THRUST BLOCKING
9. = 175' MIN. RADIUS
10. = 8" HDPE INSTALLED BY HORIZONTAL DIRECTIONAL DRILLING. HDPE ADAPTERS & FITTINGS AS REQUIRED



20 0 20 40
SCALE HORIZONTAL SCALE FEET

811 Call 811 two business days before you dig

PRELIMINARY

WILSON ENGINEERING
WILSONENGINEERING.COM

PRELIMINARY
CURT SCHENELDER
STATE OF WASHINGTON
46342
REGISTERED PROFESSIONAL ENGINEER

DESIGNED BY	DRAWN BY	CHECKED BY
XXX	JGS	CDS

SCATCHET HEAD WATER DISTRICT
WHIDBEY ISLAND WASHINGTON

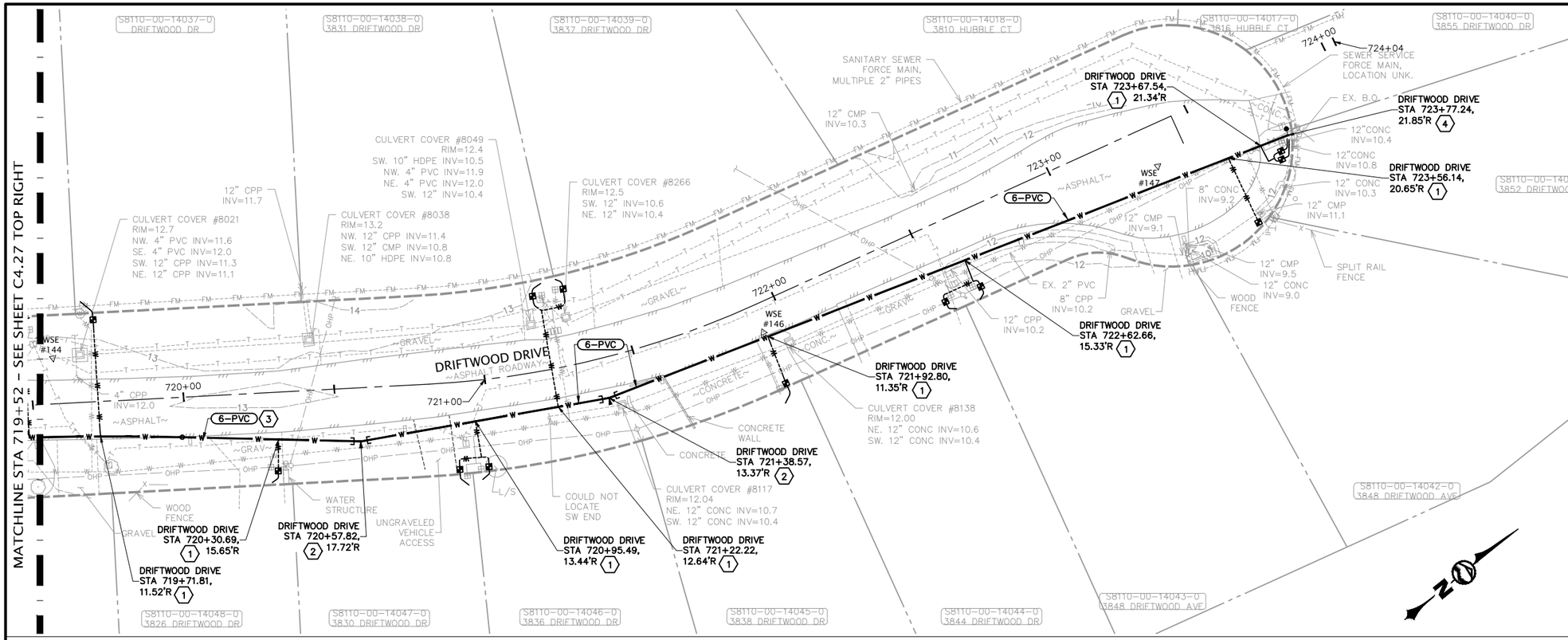
WATER SYSTEM IMPROVEMENTS

DRIFTWOOD DRIVE – STA 714+52 TO STA 719+52

DATE	SCALE	JOB NUMBER
12-8-22	AS SHOWN	2022-013

SHEET C4.27 PAGE X OF X

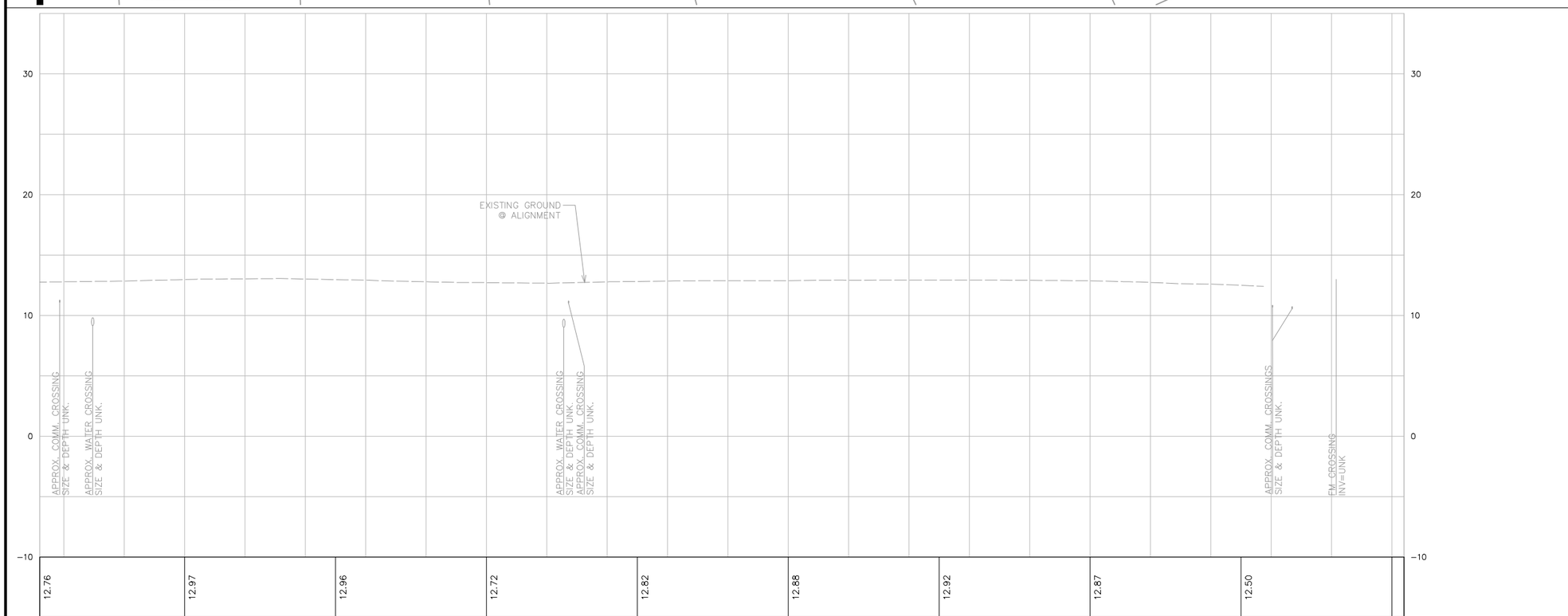
PLOT SETTINGS: AutoCAD PDF (General Documentation).pc3, ANSI full bleed B (17.00 x 11.00 Inches), Portrait, 1:2, WE_APWA_UNSCREENED.ctb
W:\2022\2022-013 SCATCHET HEAD WD WATER IMPROVEMENTS_MMM\DWG_V2019_NAD83_NAVD88\V2022_2022-013 C4.24-C4.28 DRIFTWOOD PLAN & PROFILES.DWG – 12/8/2022 2:08 PM – Jeff Smith

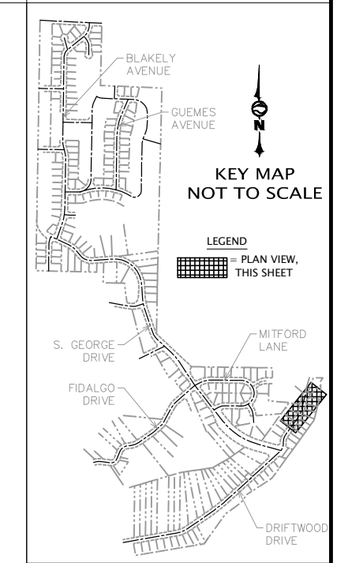


NO.	REVISIONS	BY	DATE

KEYED NOTES

1. = SERVICE CONNECTION PER X/X
2. = 6" 11-1/4° BEND MJxMJ, THRUST BLOCKING
3. = 175' MIN RADIUS
4. = BLOW-OFF ASS'Y PER X/X





20 0 20 40
SCALE HORIZONTAL SCALE FEET

Call 811 two business days before you dig

PRELIMINARY

WILSON ENGINEERING
WILSONENGINEERING.COM

PRELIMINARY
CURT D. SCHENFELDER
STATE OF WASHINGTON
48342
REGISTERED PROFESSIONAL ENGINEER

DESIGNED BY	DRAWN BY	CHECKED BY
XXX	JGS	CDS

SCATCHET HEAD WATER DISTRICT
WHIDBEY ISLAND WASHINGTON

WATER SYSTEM IMPROVEMENTS

DRIFTWOOD DRIVE – STA 719+52 TO STA 724+04

DATE	SCALE	JOB NUMBER
12-8-22	AS SHOWN	2022-013

SHEET C4.28

PAGE X OF X

PLOT SETTINGS: AutoCAD PDF (General Documentation).pc3, ANSI full bleed B (17.00 x 11.00 Inches), Portrait, 1:2, WE_APWA_UNSCREND.ctb
W:\2022\2022-013 SCATCHET HEAD WD WATER IMPROVEMENTS_MMM\DWG_V2019_NAD83_NAVD88\V2022_2022-013 C4.24-C4.28 DRIFTWOOD PLAN & PROFILES.DWG – 12/8/2022 2:08 PM – Jeff Smith