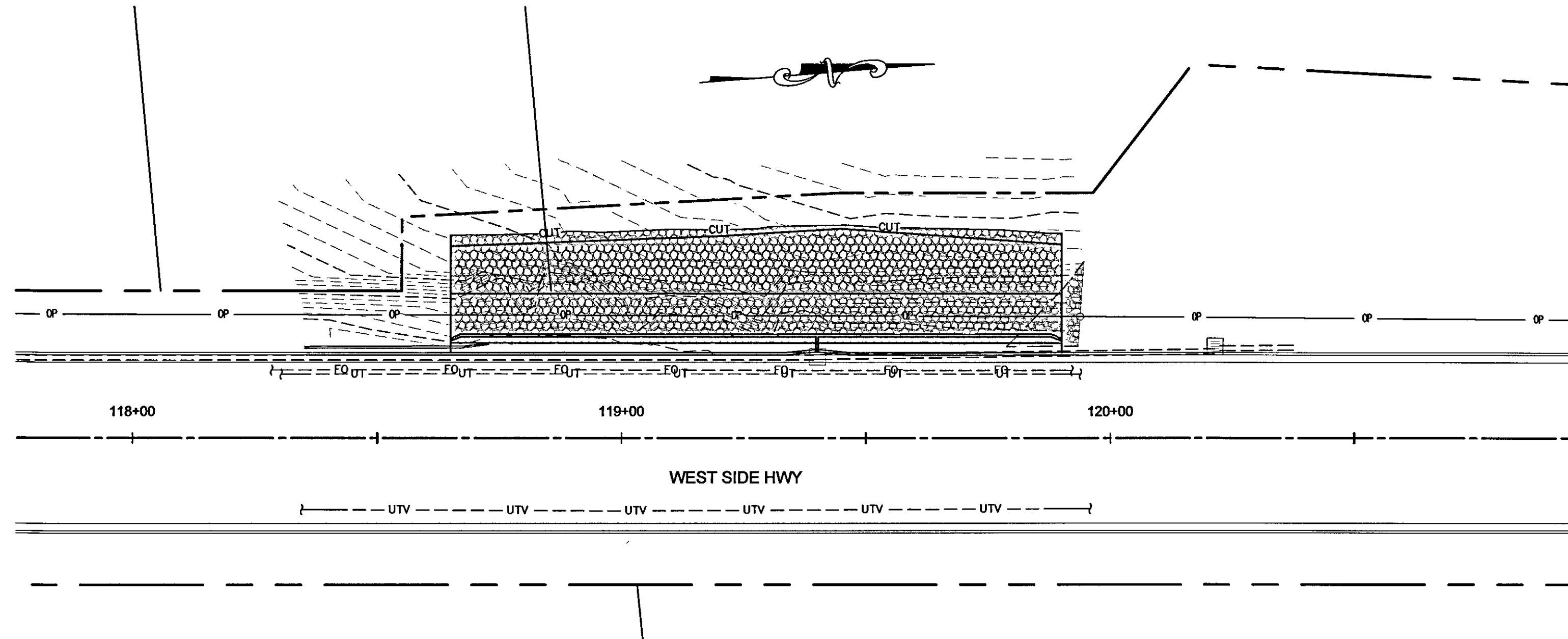


WEST SIDE HIGHWAY SLIDE REPAIR PROJECT

M.P. 2.47
SECTION 33 T 10 N R 2 W
SEPTEMBER 2019



ABBREVIATIONS	
ABBREV	DESCRIPTION
A	DELTA
BK	BOOK
BVCS	POINT OF VERTICAL CURVATURE - STATION
BVCE	POINT OF VERTICAL CURVATURE - ELEVATION
CCDF	CONTROLLED DENSITY FILL
CONC	CONCRETE
CPE	CORRUGATED POLYETHYLENE PIPE
CRP	COUNTY ROAD PROJECT
CTRS	CENTERS
DIA	DIAMETER
E	EAST
EG	EXISTING GROUND
EL	ELEVATION
ELEV	ELEVATION
EOP	EDGE OF PAVEMENT
EVCS	POINT OF VERTICAL TANGENCY - STATION
EVCE	POINT OF VERTICAL TANGENCY - ELEVATION
EW	EACH WAY
EXIST	EXISTING
FD	FOUND
FG	FINISH GRADE
FL	FLOW LINE
FTG	FOOTING
HDPE	HIGH DENSITY POLYETHYLENE PIPE
HMA	ASPHALT CONCRETE
HORIZ	HORIZONTAL
HP	HIGH POINT
I.E.	INVERT ELEVATION
INV	INVERT
IP	IRON PIPE
IR	IRON ROD
JT	JOINT
L	LENGTH
LF	LINEAR FEET
LT	LEFT
M.P.	MILE POST
MAX	MAXIMUM
MIN	MINIMUM
N	NORTH
NTS	NOT TO SCALE
PC	POINT OF HORIZONTAL CURVATURE
PG	PERFORMANCE GRADE
PI	POINT OF HORIZONTAL INTERSECTION
PSI	POUNDS PER SQUARE INCH
PT	POINT OF HORIZONTAL TANGENCY
PVI	POINT OF VERTICAL INTERSECTION
R	RANGE, RADIUS
RAW	RIGHT OF WAY
RCP	REINFORCED CONCRETE PIPE
RD	ROAD
REINF	REINFORCING
RT	RIGHT
S	SOUTH
SEC	SECTION
SHT	SHEET
SPEC	SPECIFICATION
SR	STATE ROUTE
STA	STATION
STD	STANDARD
T	TOWNSHIP, TANGENT
TYP	TYPICAL
VC	VERTICAL CURVE
VERT	VERTICAL
W	WEST
WSDOT	WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
W	WITH

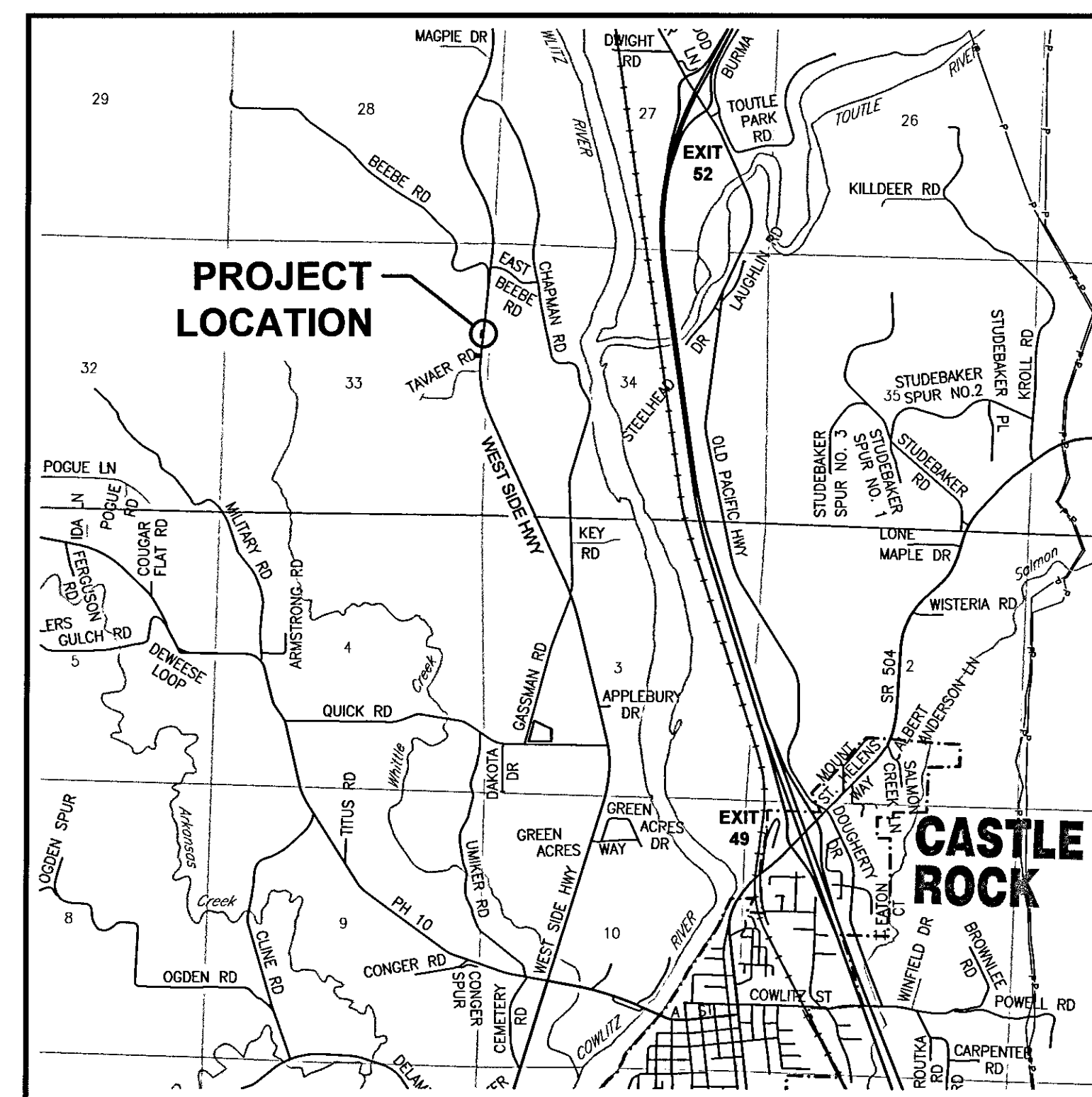
LINETYPE LEGEND	
LINETYPE	DESCRIPTION
---	EXISTING DRAINAGE CULVERT
---	EXISTING DRAINAGE / ROAD DITCH
---	EXISTING DRAINAGE BANK
---	EXISTING FENCE
OP	ELECTRICAL POWER OVERHEAD LINE
UP	ELECTRICAL POWER UNDERGROUND LINE
FC	FIBER OPTICS UNDERGROUND LINE
OT	TELEPHONE OVERHEAD LINE
UT	TELEPHONE UNDERGROUND LINE
---	EXISTING ROAD / DRIVEWAY GRAVEL
---	EXISTING ROAD / DRIVEWAY PAVEMENT
---	DESIGN ALIGNMENT CENTERLINE
---	DESIGN EDGE OF PAVEMENT
---	DESIGN SHOULDER
---	DESIGN ROAD / DRAINAGE DITCH
---	DESIGN STORM SEWER / ROAD CULVERT PIPE
---	DESIGN PERF / UNDERDRAIN LINE
CUT	DESIGN DAYLIGHT - CUT
FILL	DESIGN DAYLIGHT - FILL
---	EXISTING GROUND CENTERLINE PROFILE
---	DESIGN CENTERLINE PROFILE
---	RIGHT OF WAY LINE
---	CONTOUR - EXISTING - INDEX
---	CONTOUR - EXISTING - NORMAL
---	CONTOUR - DESIGN - INDEX
---	CONTOUR - DESIGN - NORMAL

SYMBOL LEGEND	
SYMBOL	DESCRIPTION
[Symbol]	CURB INLET - EXISTING
[Symbol]	SHRUB
[Symbol]	CONIFER TREE
[Symbol]	DECIDUOUS TREE
[Symbol]	MARKER
[Symbol]	GUY ANCHOR
[Symbol]	GUY POLE
[Symbol]	ELECTRICAL POWER METER
[Symbol]	UTILITY / POWER / TELEPHONE POLE
[Symbol]	SERVICE POLE
[Symbol]	TELEPHONE PEDESTAL

STANDARD DRAWINGS	
DRAWING	DESCRIPTION
CC-1201	CONCRETE CURB & GUTTER
CC-1610	CURB INLET TYPE 1L

BASIS OF BEARINGS:
RANDOM BEARING BETWEEN
PROJECT CONTROL POINTS #701 AND #702
BEARING = S 09° 45' 10" E

BASIS OF ELEVATIONS:
RANDOM ELEVATION FOR
PROJECT CONTROL POINT #701
ELEVATION = 279.45' (NO DATUM)



VICINITY MAP

INDEX OF DRAWINGS	
SHEET	DESCRIPTION
1	COVER SHEET
2	PLAN AND PROFILE
3	TYPICAL SECTION AND DETAILS

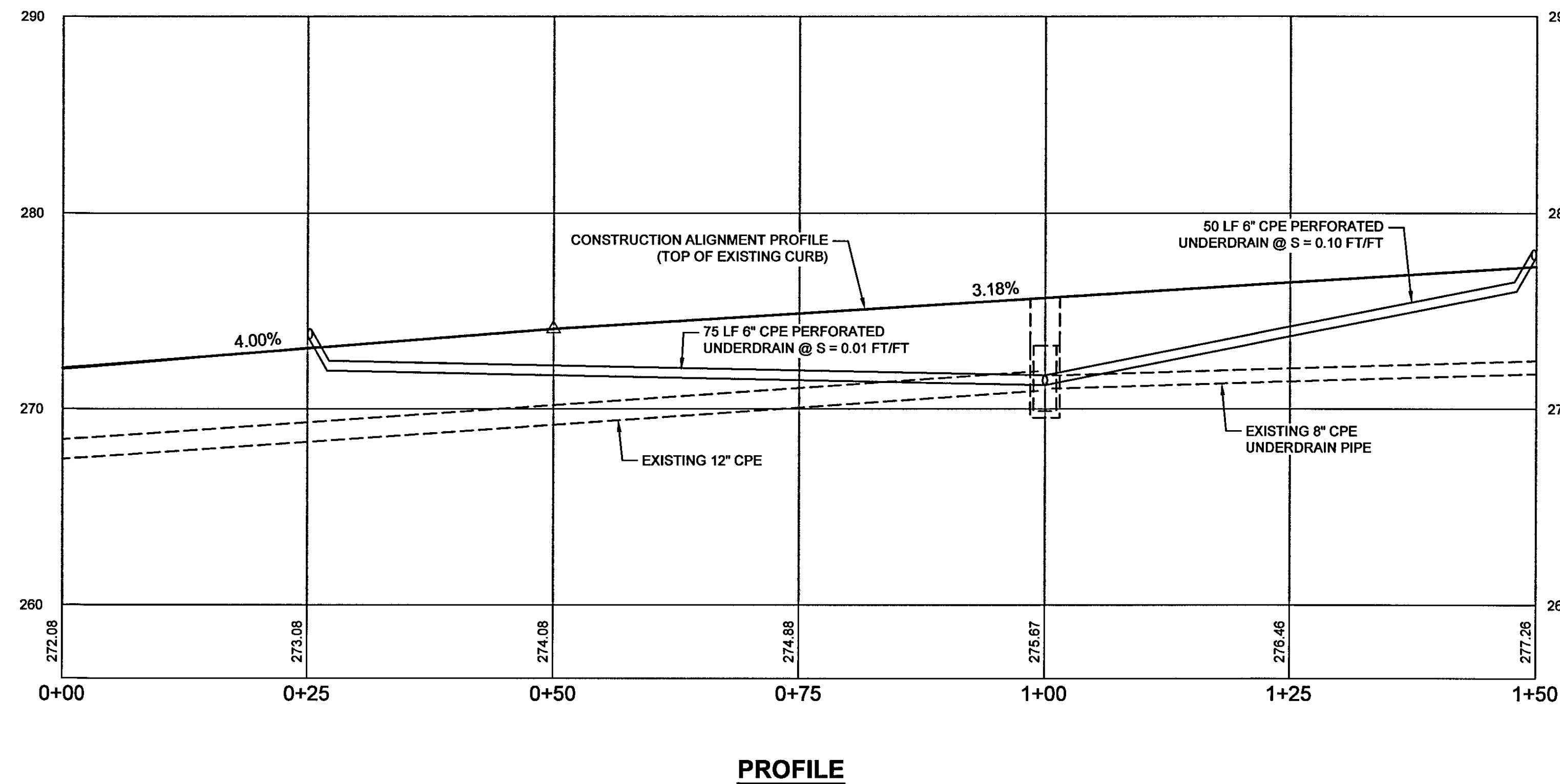
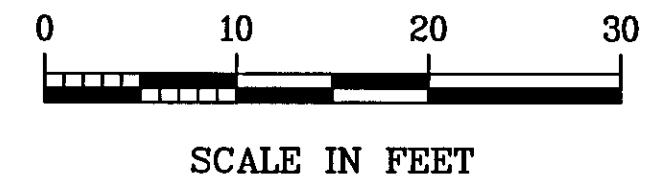
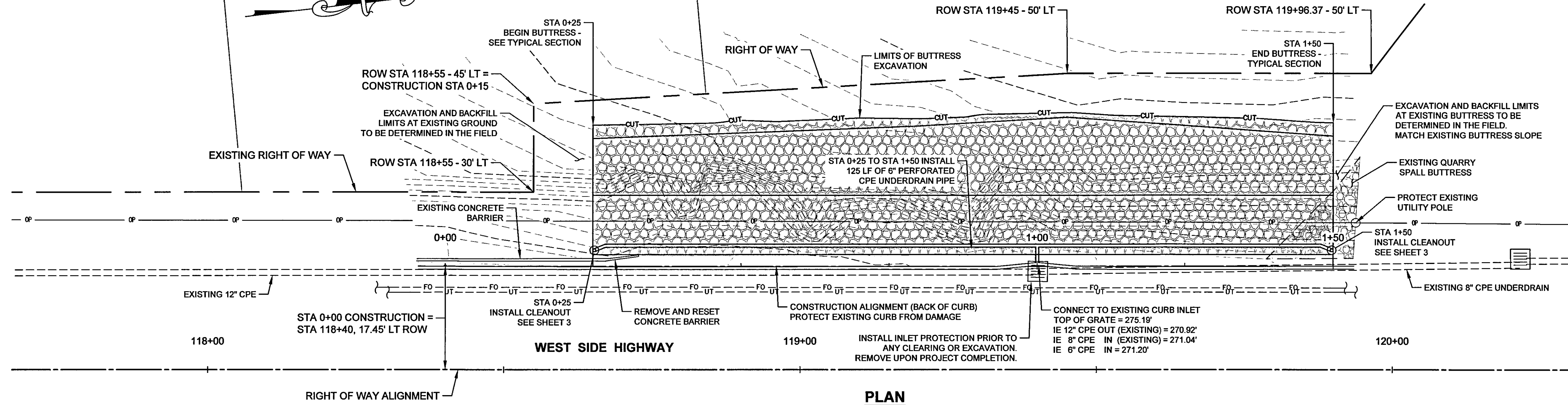
CPA PROJECT MANAGER 9/10/19 DATE SA DRAWN BY 9/10/19 DATE BB CHECKED BY 9/10/19 DATE	HORIZ. SCALE: VERT. SCALE: PROJECT ID: 5036 ROAD NO. : 26000 COMPUTER FILE: 5036 WSH Slide Cover.dwg	DEPARTMENT OF PUBLIC WORKS 1600 13th AVENUE SOUTH KELSO, WASHINGTON 98626	APPROVED BY: <i>Luzay Eugenio</i> COUNTY ENGINEER DATE: Sept. 11, 2019	ERP 740 FEDERAL AID #ER-1602(023) FEDERAL CONTRACT # TA-6013	WEST SIDE HIGHWAY SLIDE REPAIR PROJECT COVER SHEET	SHEET 1 OF 3
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GINA L ANDREWS
AFN 3443756
PARCEL WK3307006

MARK F ANDREWS JR
MARITAL TRUST
AFN 3428539
PARCEL WK3306001

MARK F ANDREWS JR
MARITAL TRUST
AFN 3428539
PARCEL WK3306004

EXCAVATE AND CONSTRUCT THE BUTTRESS AND UNDERDRAIN IN A CONTINUOUS OPERATION SUCH THAT NO MORE THAN 30 FEET OF THE SLOPE IS EXPOSED AND UNSUPPORTED AT ONE TIME.

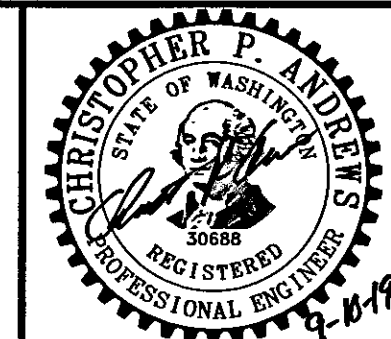


CPA PROJECT MANAGER 9/10/2019 DATE
SA DRAWN BY 9/10/19 DATE
SE CHECKED BY 9/10/19 DATE

HORIZ. SCALE: 1" = 10'
VERT. SCALE: 1" = 5'
PROJECT ID: 5036
ROAD NO.: 26000
COMPUTER FILE: 5036 WSH Slide Design.dwg

COWLITZ COUNTY WASHINGTON
DEPARTMENT OF PUBLIC WORKS
1600 13TH AVENUE SOUTH
KELSO, WASHINGTON 98626

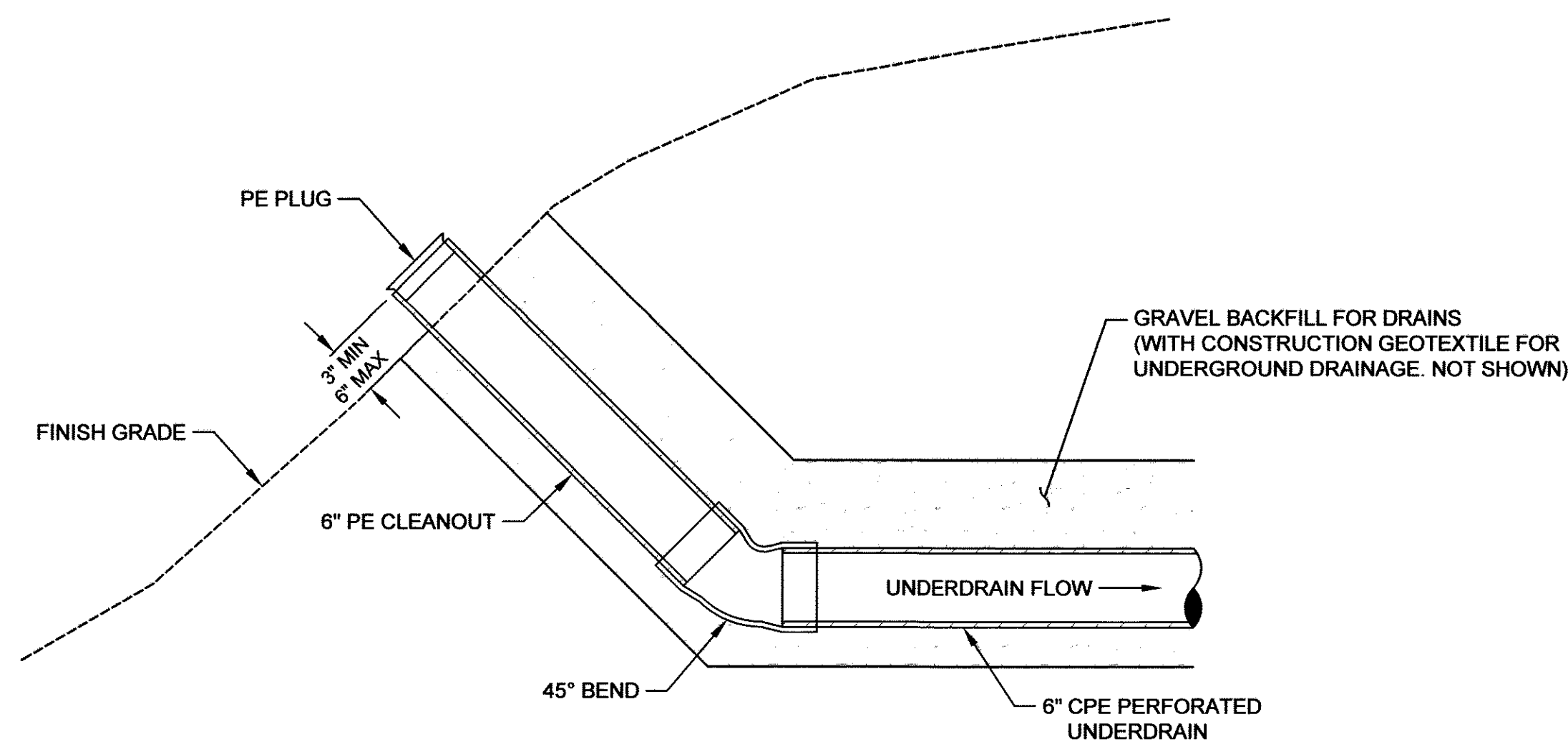
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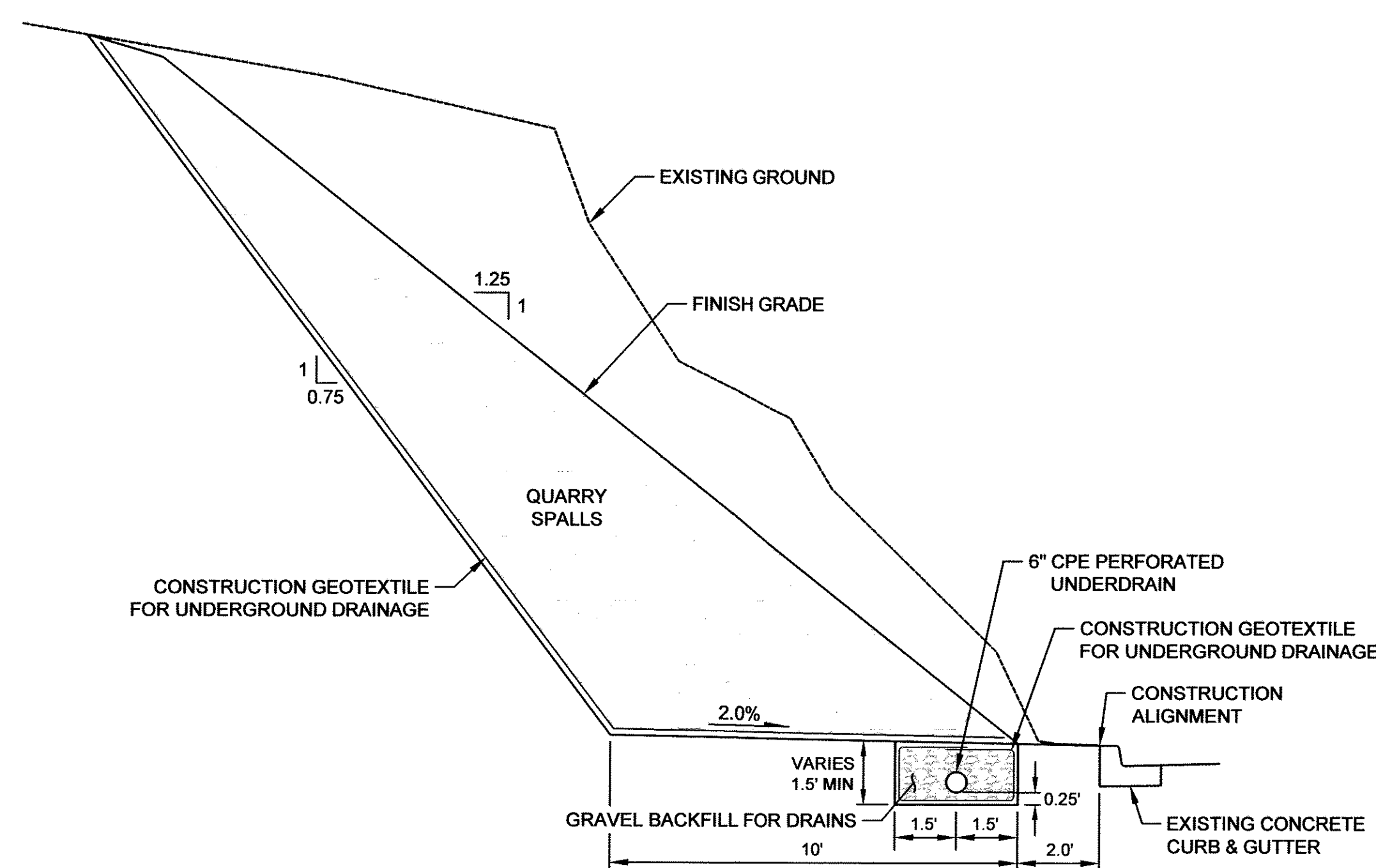
SEC 33 T 10 N R 2 W

WEST SIDE HWY SLIDE REPAIR PROJECT
PLAN AND PROFILE

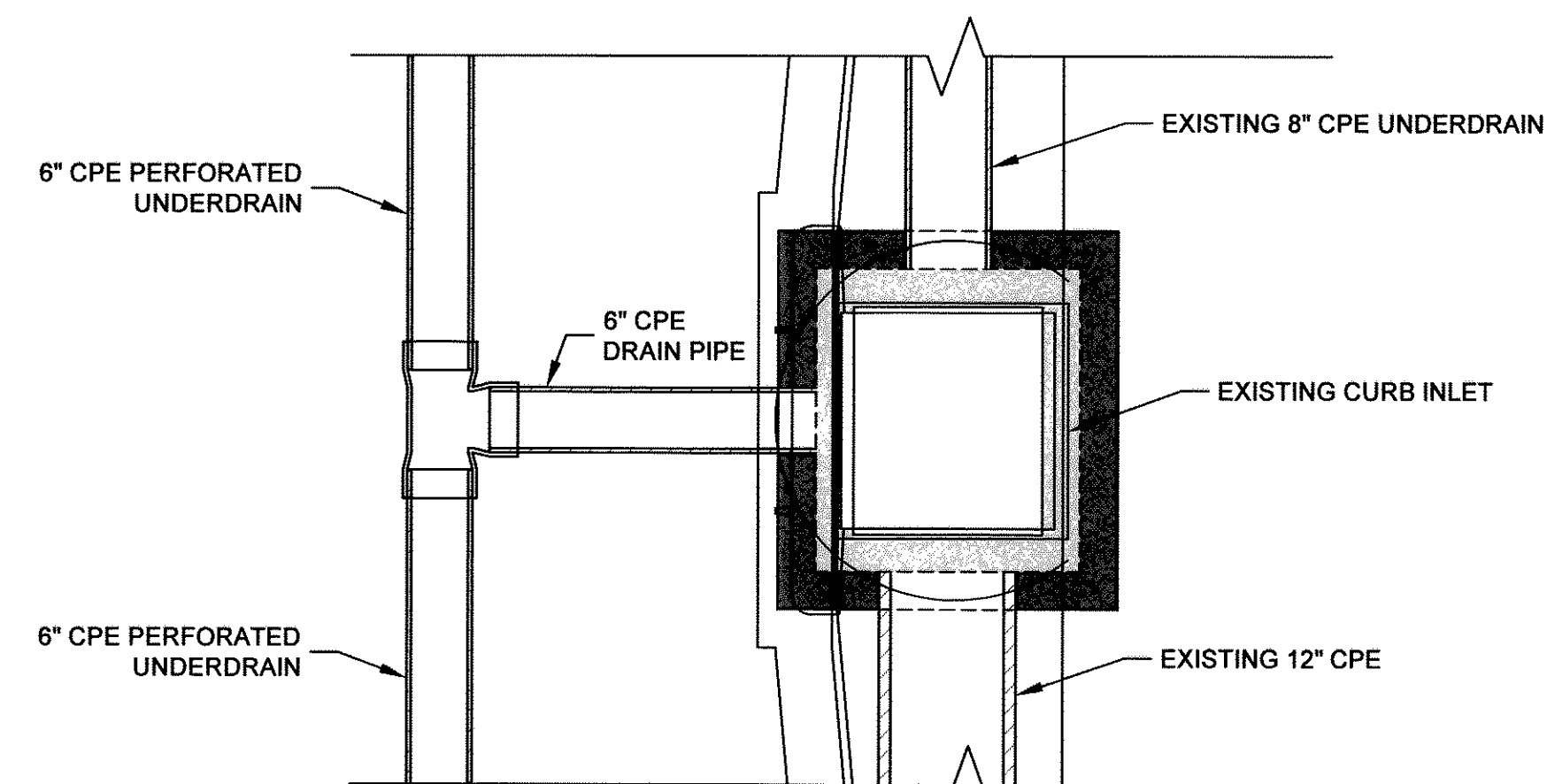
SHEET 2 OF 3



CLEANOUT DETAIL

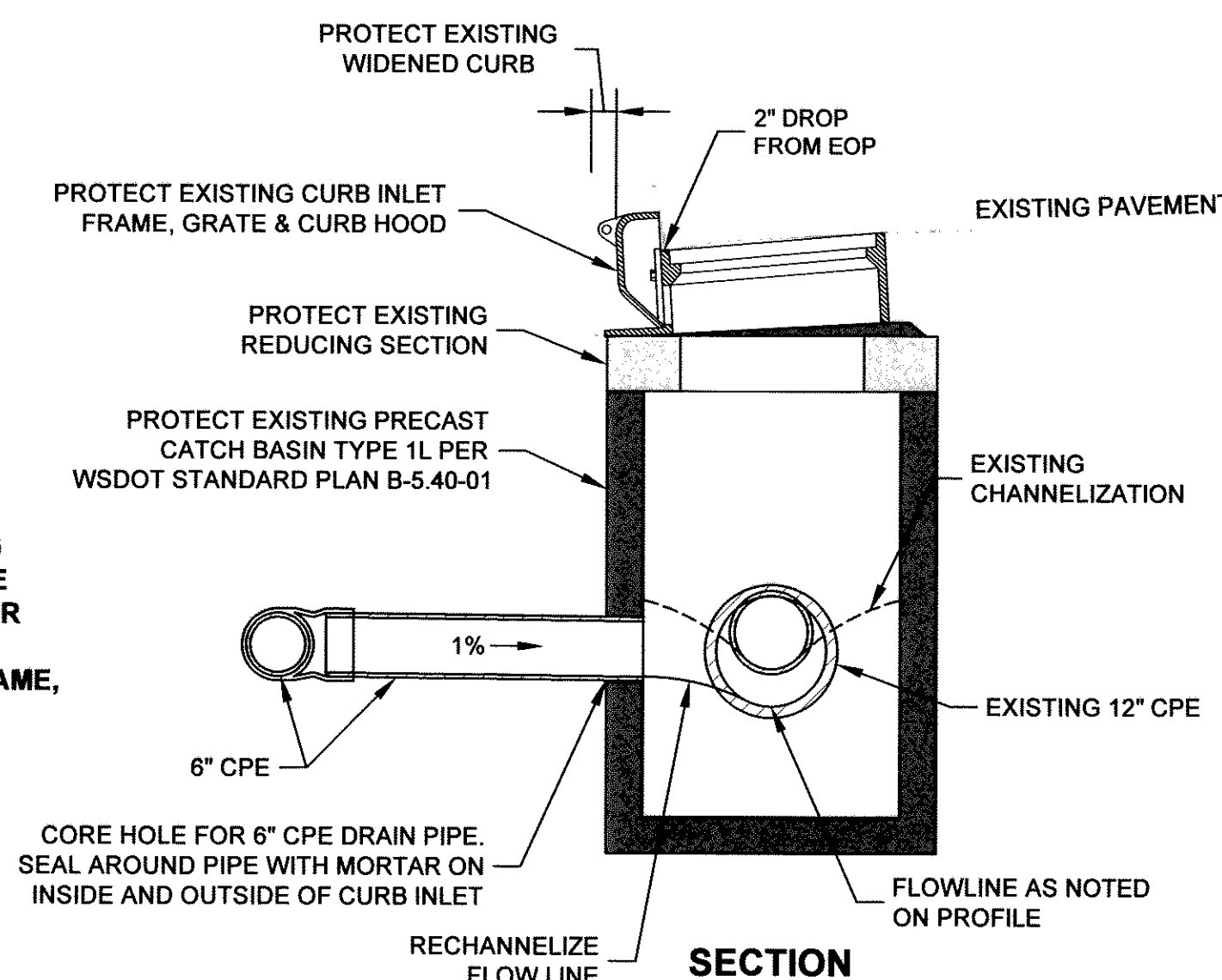


BUTTRESS - TYPICAL SECTION

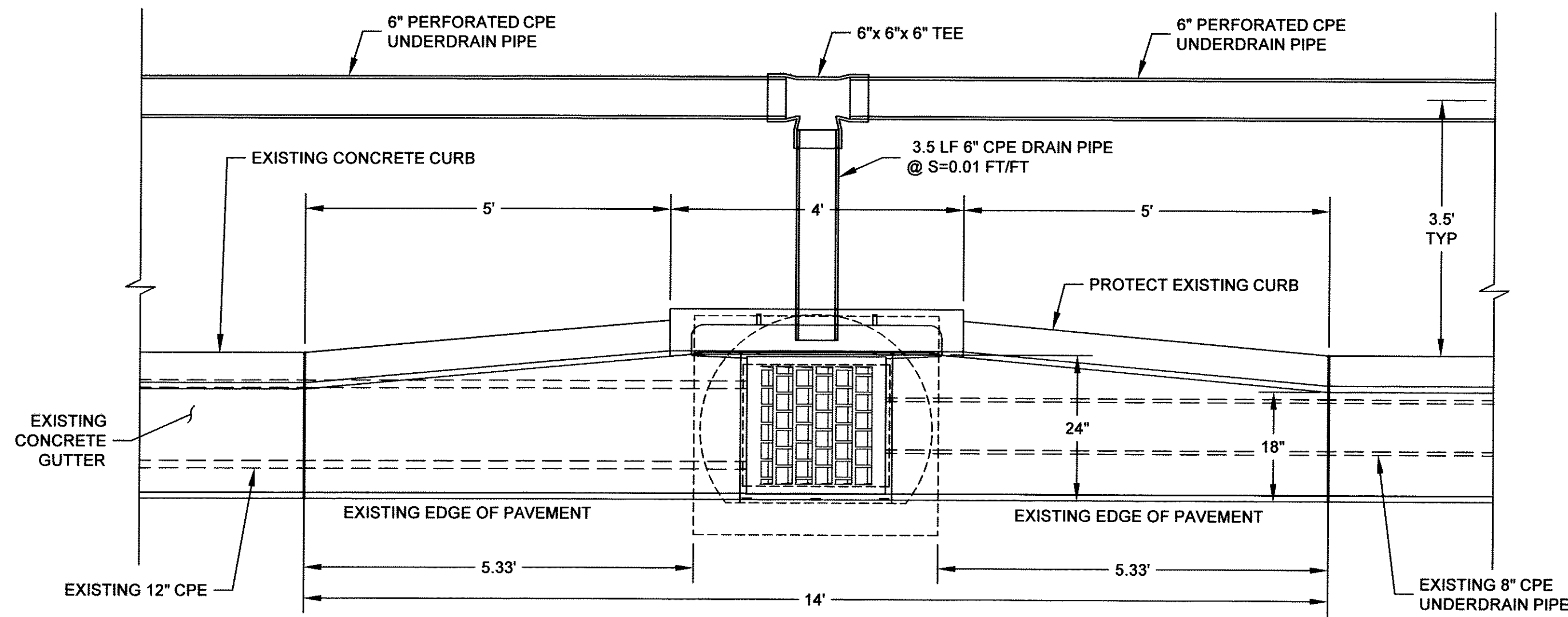


PLAN

CONNECT TO EXISTING DRAINAGE STRUCTURE WITHOUT REMOVING OR DAMAGING EXISTING CURB, CURB INLET FRAME, GRATE & CURB HOOD.



SECTION



CONNECT TO EXISTING CURB INLET DETAIL

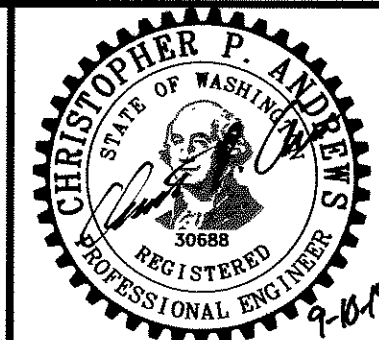
CPA PROJECT MANAGER 9/10/2019 DATE
 SA DRAWN BY 9/10/19 DATE
 SE CHECKED BY 9/10/19 DATE

HORIZ. SCALE: 1" = 10'
 VERT. SCALE: 1" = 5'
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DEPARTMENT OF PUBLIC WORKS
 1600 13TH AVENUE SOUTH
 KELSO, WASHINGTON 98626

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SEC 33 T 10 N R 2 W

**WEST SIDE HWY
 SLIDE REPAIR PROJECT**
**TYPICAL SECTION
 AND DETAILS**

SHEET 3 OF 3