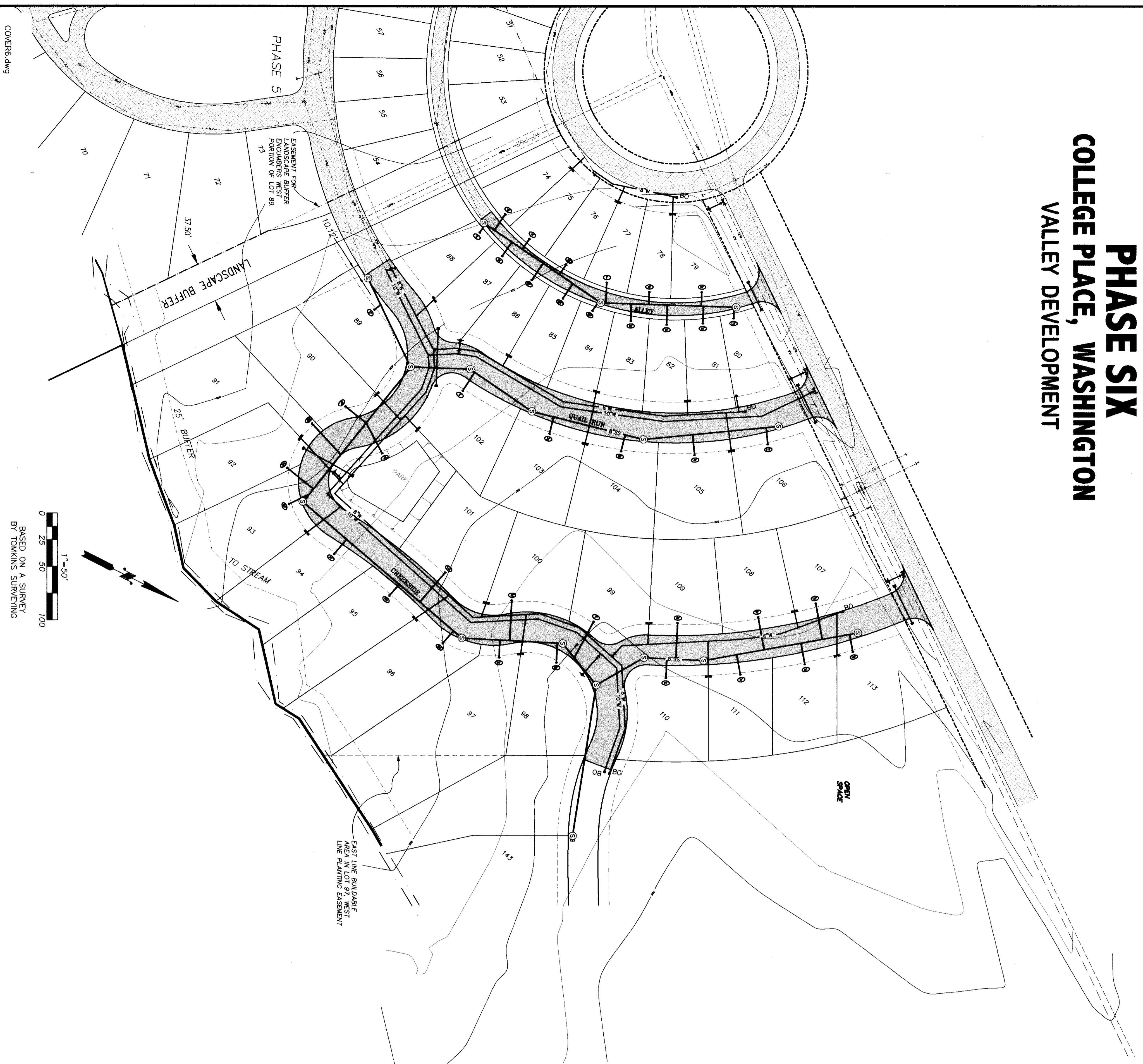


VILLAGES AT GARRISON CREEK PHASE SIX COLLEGE PLACE, WASHINGTON VALLEY DEVELOPMENT



CONSTRUCTION NOTES

- EXISTING UTILITIES ARE SHOWN IN APPROXIMATE LOCATIONS ONLY. CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS AND DEPT. OF PUBLIC UTILITIES SHALL VERIFY ALL UTILITY LOCATIONS PRIOR TO CONSTRUCTION.
- CONTRACTOR IS SOLELY RESPONSIBLE FOR THE MEANS, METHODS & TECHNIQUES OF CONSTRUCTION AS WELL AS MAINTAINING A SAFE WORK PLACE FOR ALL CONSTRUCTION ACTIVITIES.
- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST REVISION OF CITY OF COLLEGE PLACE AND WSDD STANDARD SPECIFICATIONS AND STANDARD PLANS.
- CONTRACTOR SHALL CONTROL DUST IN ACCORDANCE WITH LOCAL AIR POLLUTION CONTROL AUTHORITY AND DEPT. OF ECOLOGY.
- CONTRACTOR IS RESPONSIBLE FOR APPLYING FOR AND OBTAINING ALL PERMITS NECESSARY. IT IS THE SOLE RESPONSIBILITY FOR AND OF THE CONTRACTOR TO ADHERE TO ALL PERMIT REQUIREMENTS.
- PLACE MONUMENTS SHOWN PER CITY STD.
- CONTRACTOR SHALL PROVIDE OWNER WITH ONE SET OF PLANS SHOWING ALL CHANGES FROM THE APPROVED DESIGN DIMENSIONS AND ELEVATIONS FOR USE IN PREPARING CONSTRUCTION RECORD DRAWINGS.

STORM SEWER NOTES

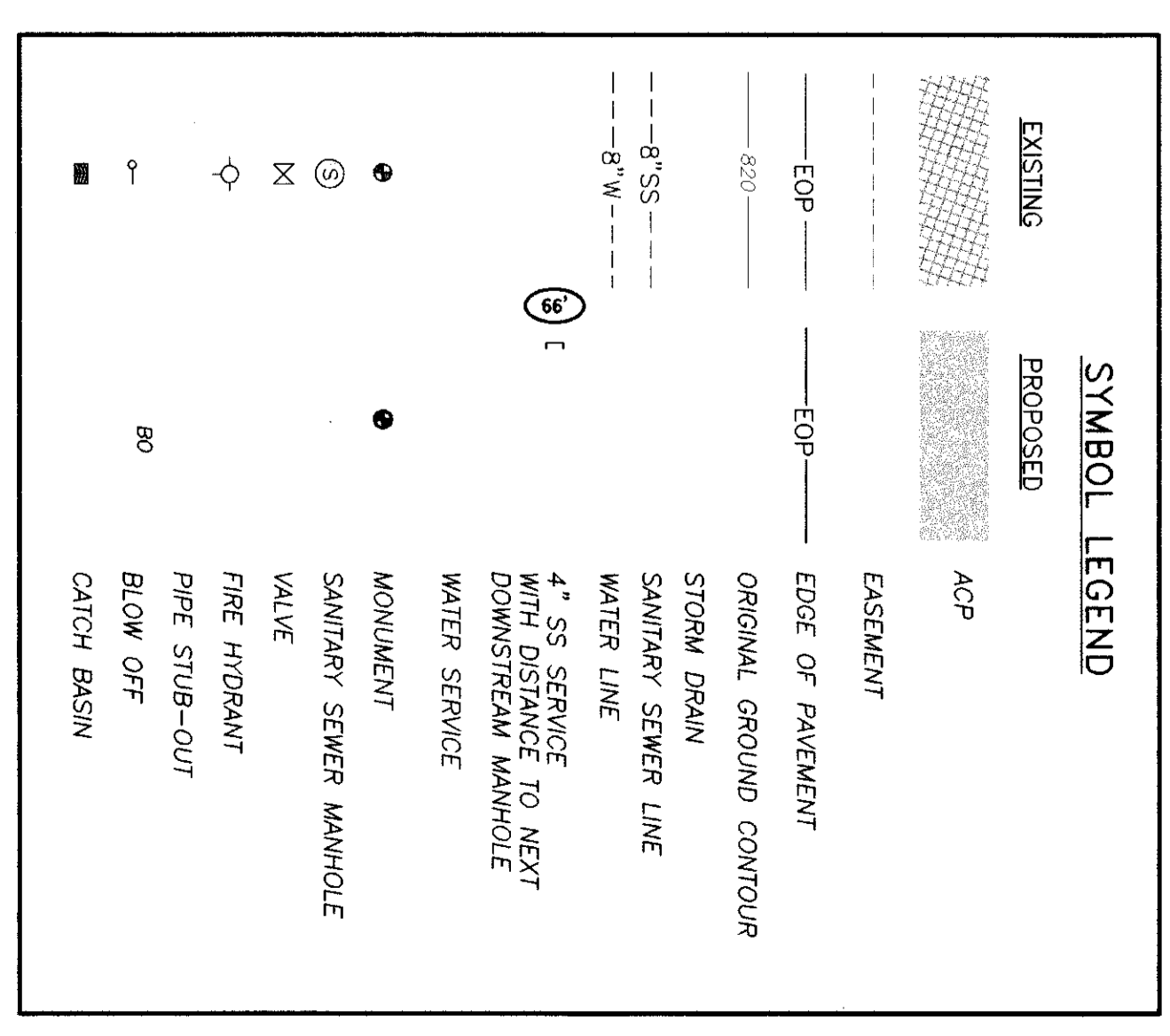
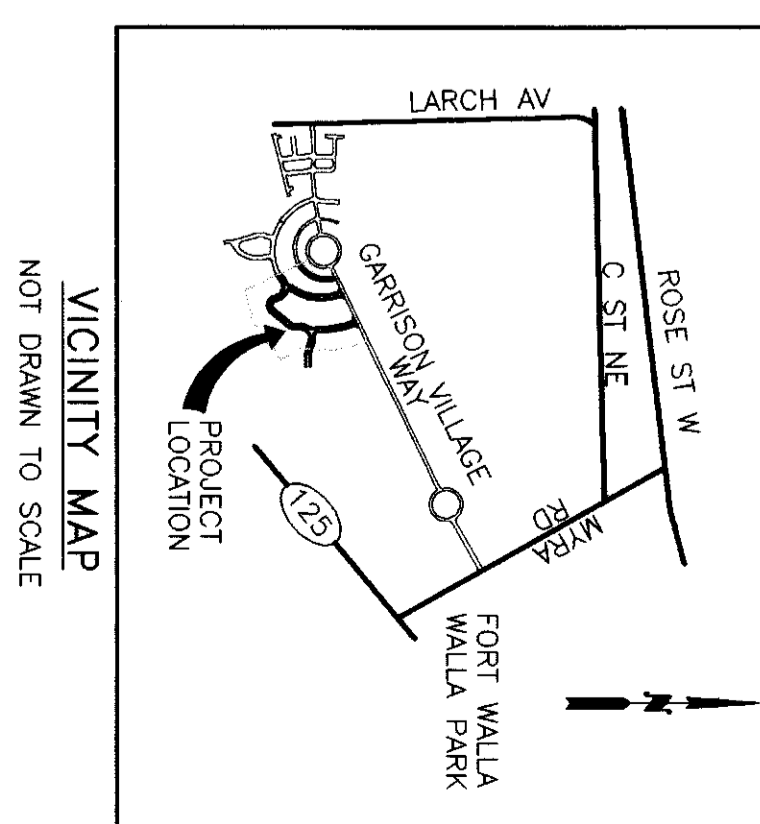
- STORM SEWER PIPE TO BE SDR 35 PVC.
- CATCH BASINS SHALL BE PER CITY OF COLLEGE PLACE STD. PLAN NO. 311.02 WITH INLAND FOUNDRY FRAME NO. 432 AND GRATE STYLE D-2.
- BEDDING AND BACKFILLING TRENCHES SHALL BE IN ACCORDANCE WITH CITY STANDARD PLAN NO. 310.07.

SEWER NOTES

- SEWER PIPE TO BE SDR 35 PVC IN 13' JOINTS.
- TRENCH EXCAVATION & BACKFILL SHALL BE IN CONFORMANCE WITH CITY OF COLLEGE PLACE STANDARD PLAN NO. 310.07.
- ALL PIPE SHALL BE FULLY BEDDED WITH A MINIMUM OF 4" UNDER PIPE AND 6" OVER PIPE WITH MATERIALS PER THE STANDARD SPECIFICATIONS OR AS APPROVED BY CITY ENGINEER PRIOR TO USE.
- SERVICE LATERALS SHALL BE FULLY BEDDED.
- WHEN GROUNDWATER IS PRESENT, OVER EXCAVATE TO 12" BELOW INVERT AND BACKFILL WITH COMPACTED CLASS B FOUNDATION MATERIAL PER WSDD 9-03.17.
- MANHOLE CONSTRUCTION IN ACCORDANCE WITH CITY OF COLLEGE PLACE STD. PLAN NO. 310.01 & 310.06.
- SEWER SERVICE CONNECTIONS SHALL BE IN ACCORDANCE WITH CITY OF COLLEGE PLACE STD. PLAN 310.05.
- END OF ALL SEWER STUBS SHALL BE LOCATED AND MARKED WITH A STEEL FENCE POST AND 1/2 GA. COPPER TRACER WIRE.
- AIR TEST AT 5 PSI. ADDITIONALLY, ACCEPTANCE BASED ON SATISFACTORY T.V. REPORT. CONTRACTOR SHALL CALL CITY OF COLLEGE PLACE WASTEWATER DIRECTOR 48 HOURS BEFORE REQUIRED T.V. INSPECTION.

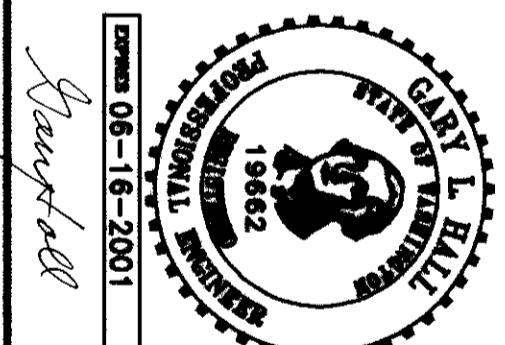
WATER NOTES:

- ALL CONSTRUCTION SHALL CONFORM TO THE CITY OF COLLEGE PLACE STANDARD SPECIFICATIONS. CONTRACTOR'S ATTENTION IS SPECIFICALLY DIRECTED TO SECTIONS PERTAINING TO:
 - THURST BLOCKING STD. PLAN NOS. 210.09, 10, & 11
 - FIRE HYDRANTS STD. PLAN NOS. 210.05, 06, & 07
 - FIRE HYDRANTS STD. PLAN NO. 210.02
 - BLOW OFF PER STD. PLAN NO. 210.08
- ALL FIRE HYDRANTS TO HAVE STORTZ ADAPTORS.
- PIPE 18" AND BELOW DUCTILE IRON MANHOLE JOINT PIPE 18" AND BELOW DUCTILE IRON MANHOLE JOINT EXCEPT 2" TO BE GALVANIZED IRON.
- 6" FIRE HYDRANT PRES SHALL BE CL. 52 DI.
- PRESSURE TEST (180 PSI.) ON WATER.



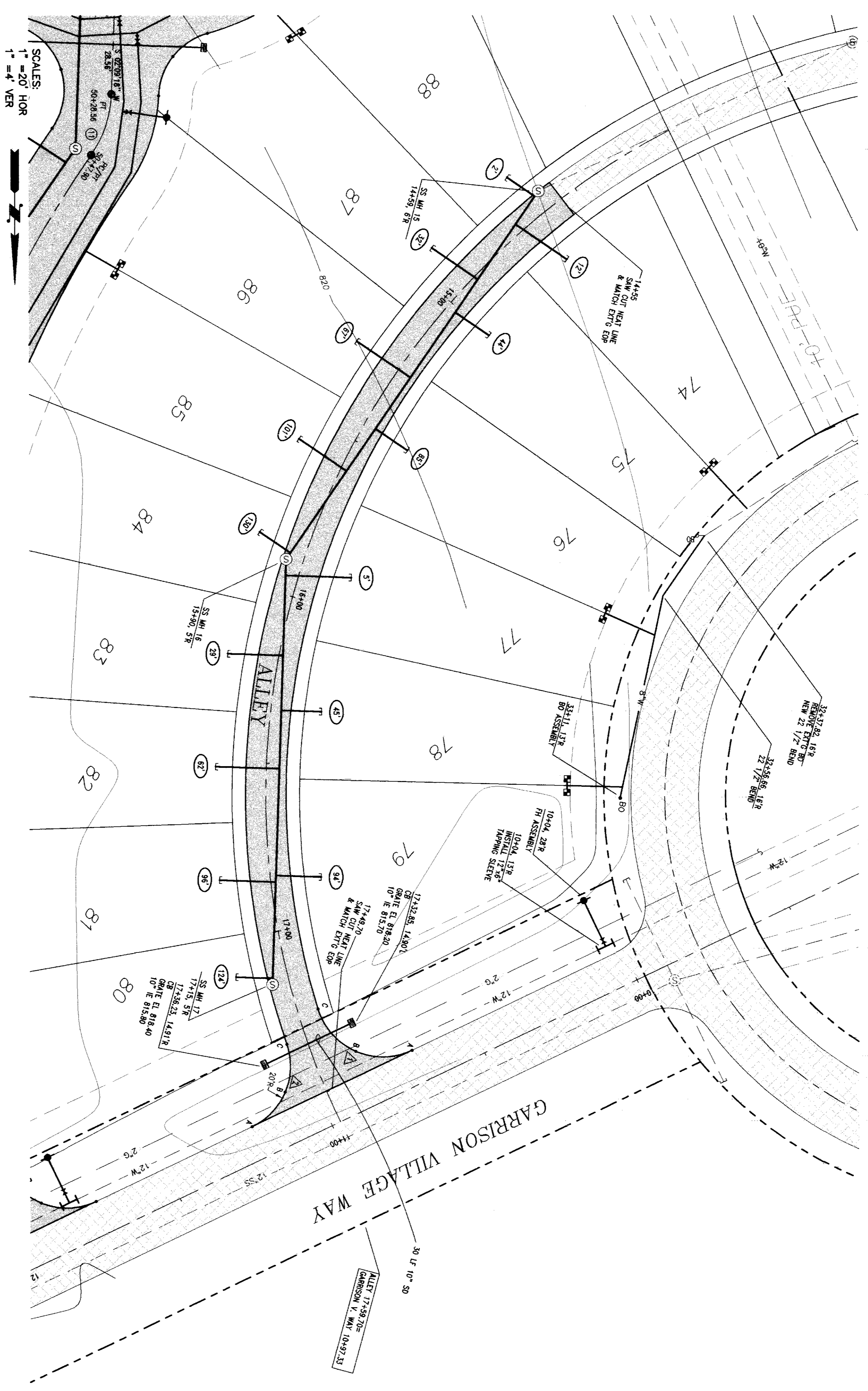
SHEET NO.	DESCRIPTION
1	COVER SHEET
2	P/P ALLEY
3	P/P CREEKSIDE 33+00 TO 39+50
4	P/P CREEKSIDE 39+00 TO 42+50
5	P/P QUAL RUN
6	P/P ROBIN RUN

APPROVED: 8/11/00
CITY ENGINEER



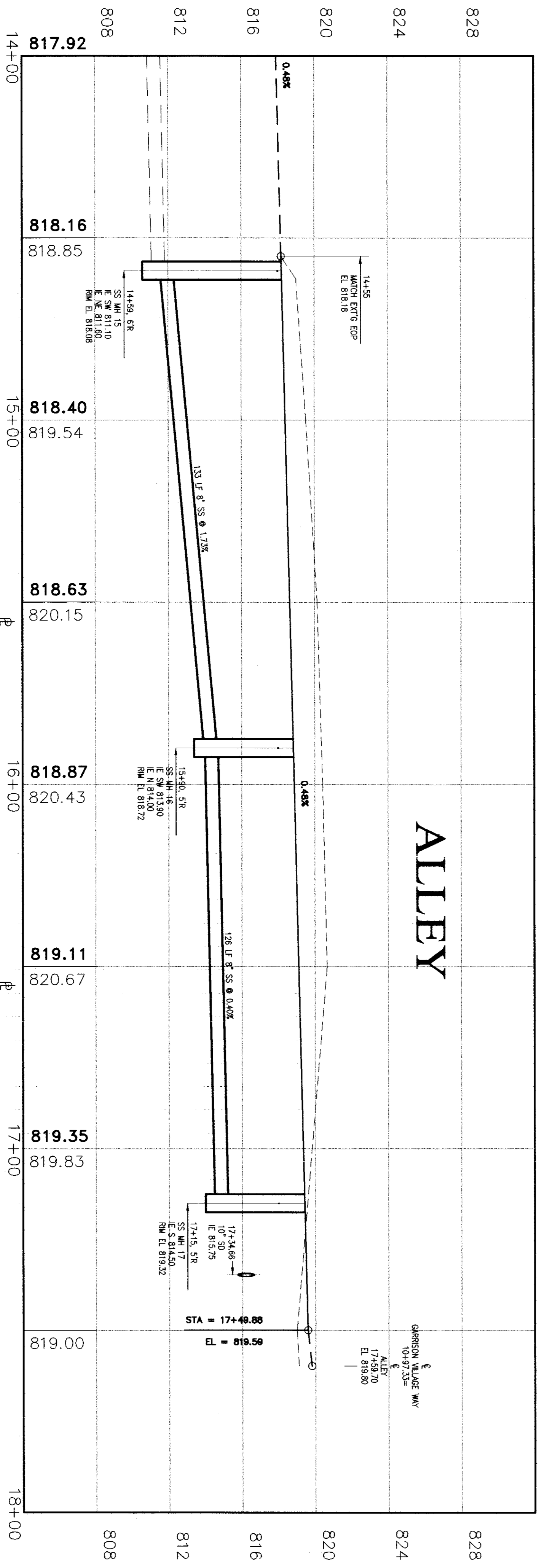
DATE: 8-00
DRAWN BY: TRM/ML
DWG. NO.: 06-10054

SHEET 1 OF 6
CALL BEFORE YOU DIG (800) 332-2344
VALLEY DEVELOPMENT
VILLAGES AT GARRISON CREEK PHASE VI
COVER SHEET
HALL ENGINEERING ASSOCIATES
10 SOUTH ALBURN, KENNESUCK, WA 98336
(360) 562-2200 FAX (360) 566-2893

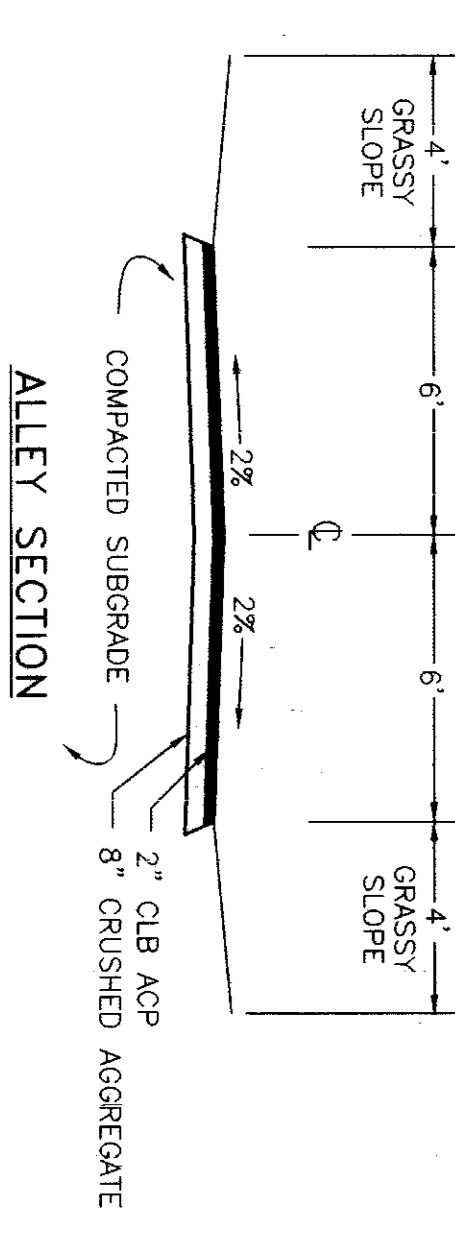


EGP RETURN CURVE TABLE

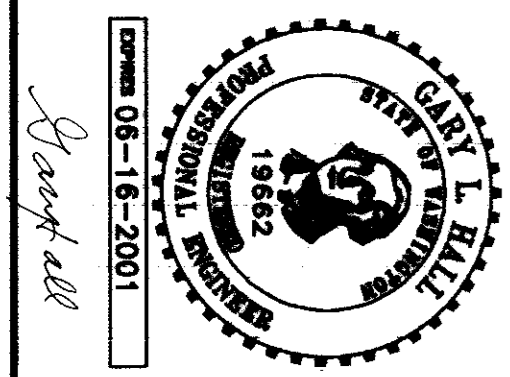
NO.	Δ	PLANS EOP	STA/E	B L	STA/E
1	58° 45' 32"	20'	10+48.05 / 819.37	819.36	17+25.62 / 818.35
2	83° 04' 50"	20'	11+21.51 / 819.80	819.59	17+32.77 / 818.36



PROFILE LEGEND
 --- EXISTING GROUND
 --- DESIGN & FINISH GRADE
 --- DESIGN
 --- EXTG
 \$ ELEVATION



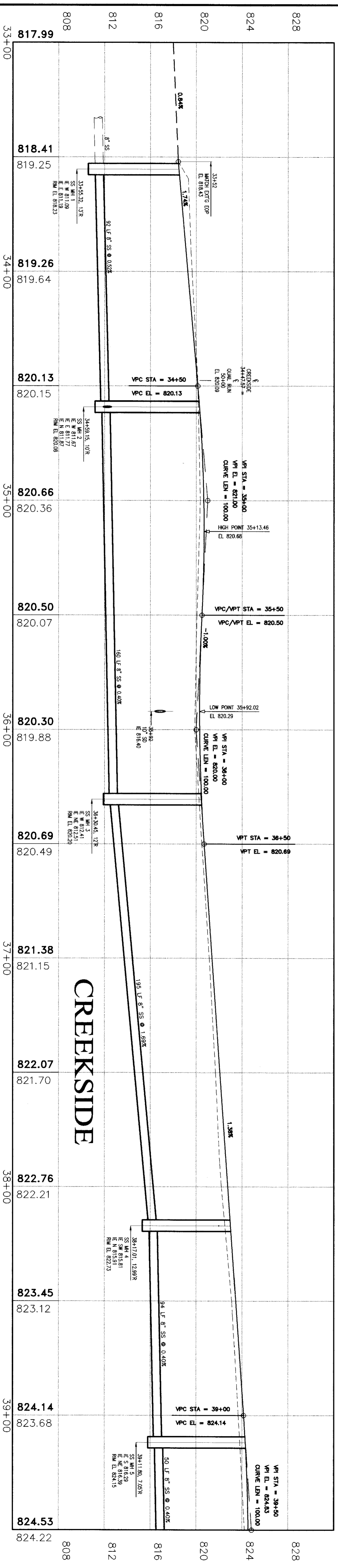
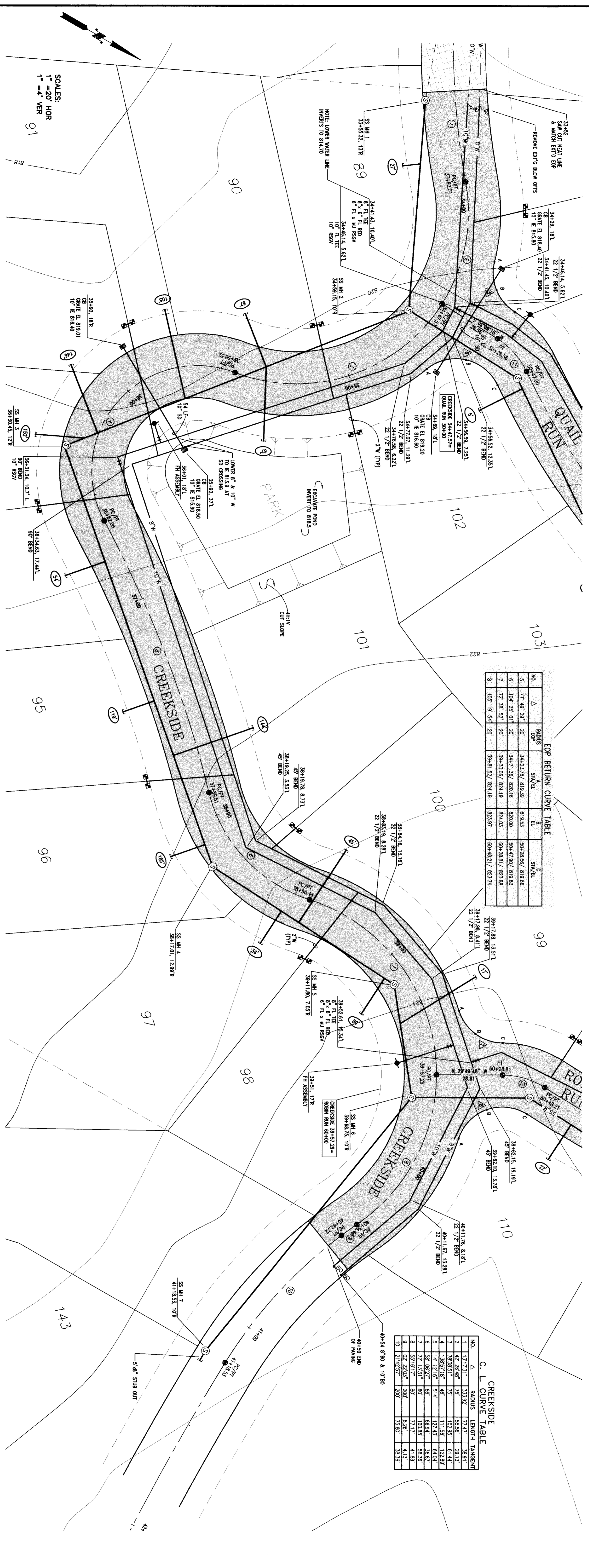
828
824
820
816
812
808
14+00 15+00 16+00 17+00 18+00



DATE: 8-03
 DRAWN BY: PIP
 CHECKED BY: PIP
 DWG. NO.: 08-10055

SHEET 2 OF 6
 CALL BEFORE YOU DIG (800) 332-2344
VALLEY DEVELOPMENT
 VILLAGES AT GARRISON CREEK PHASE VI
 PIP ALLEY

HALL ENGINEERING ASSOCIATES
 10 SOUTH AUBURN - KENNEWICK, WA 98335
 (509) 282-2200 • FAX (509) 586-2897



DATE: 8-20
DRAWN BY: TKG/MA
DWG. NO.: 061-0056

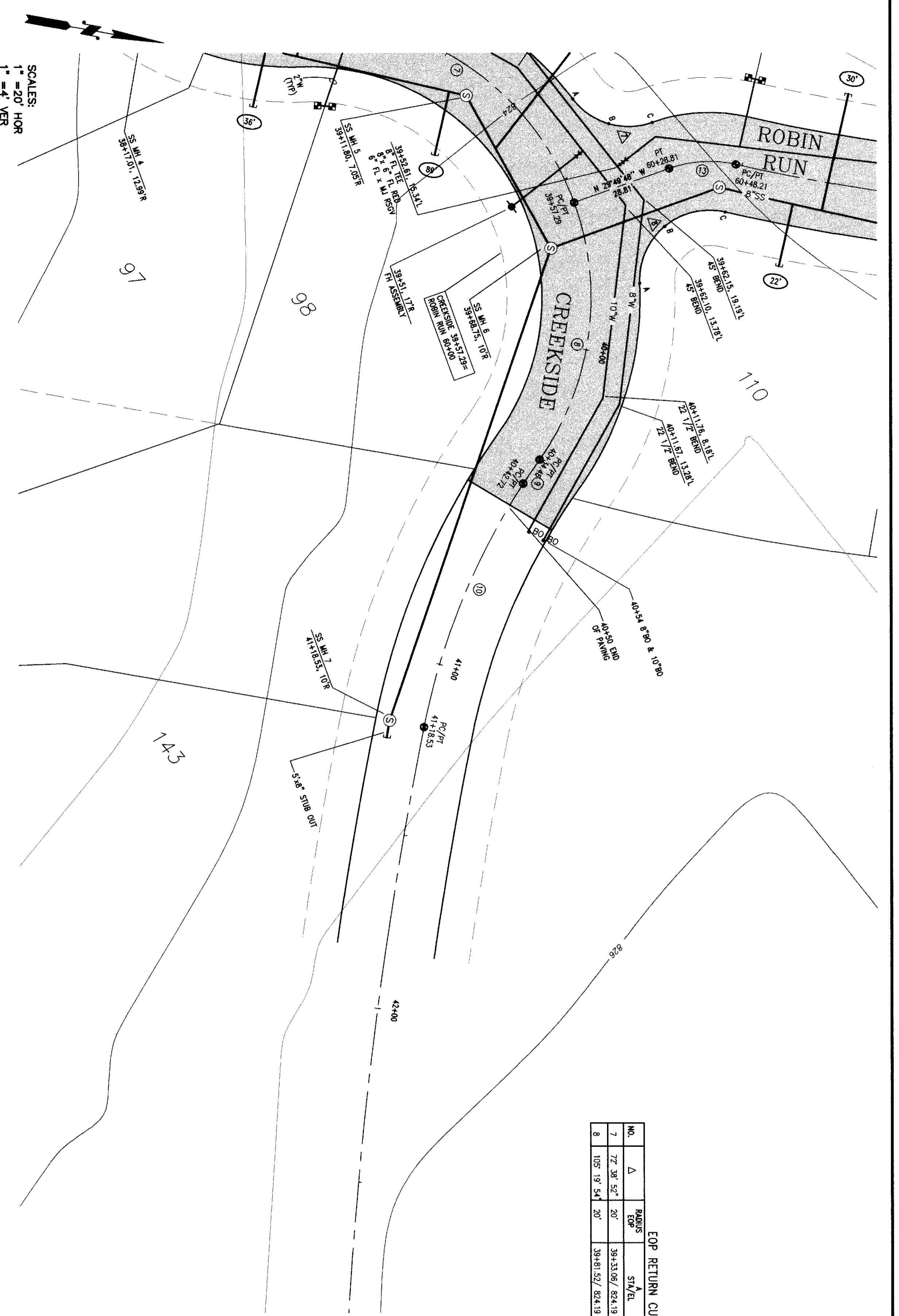
VALLEY DEVELOPMENT
VILLAGES AT GARRISON CREEK PHASE VI
PPP CREEKSIDE 33+00 TO 39+50

HALL ENGINEERING ASSOCIATES
10 SOUTH AUBURN - KENNESAW, WA 98336
(360) 362-2200 - FAX (360) 368-2897

CALL BEFORE YOU DIG (800) 332-2344

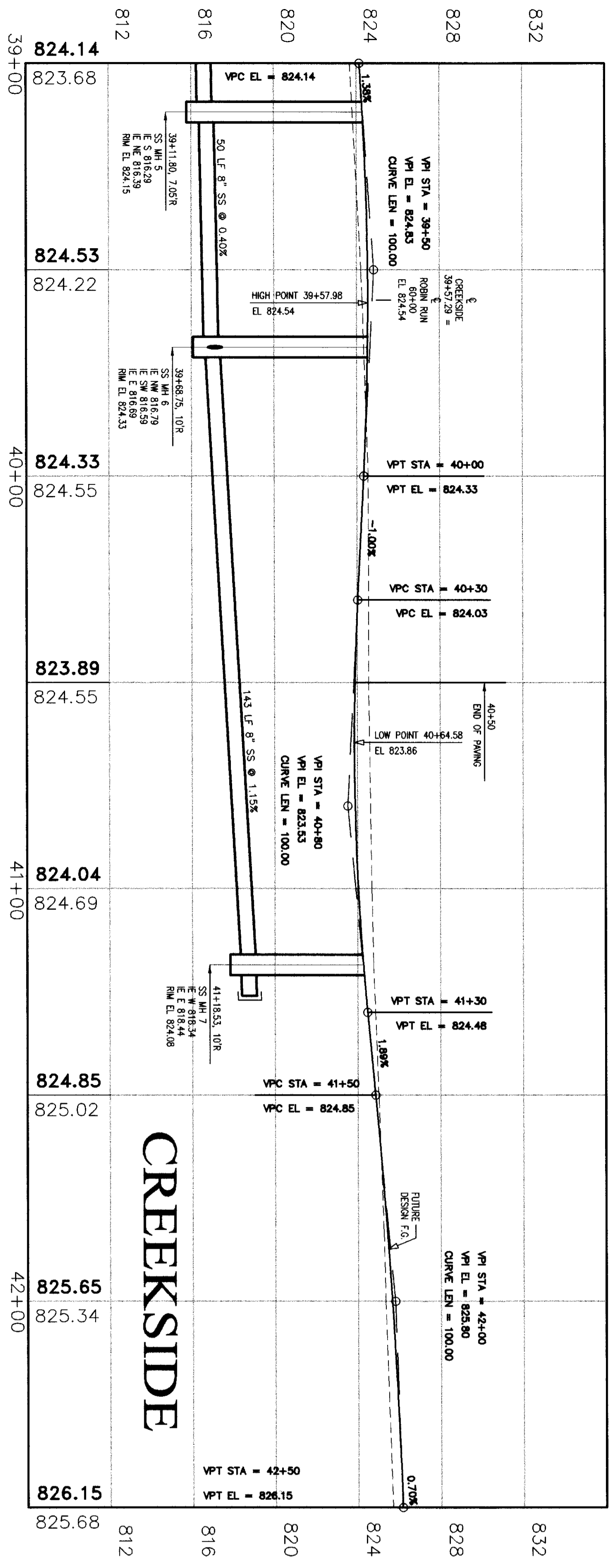
SHEET 3 OF 6

PROJ: 001.dwg



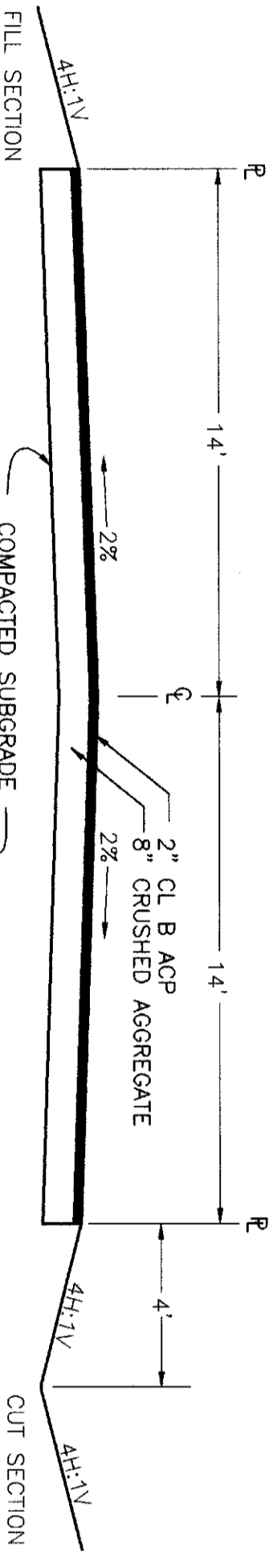
COP RETURN CURVE TABLE

NO.	Δ	RADIUS EOP	STATION A/EL	B EL	C STATION/EL
7	77° 38' 52"	20'	39+13.06 / 824.19	824.03	60+28.81 / 823.88
8	105° 19' 54"	20'	39+81.52 / 824.19	823.97	60+48.21 / 823.74

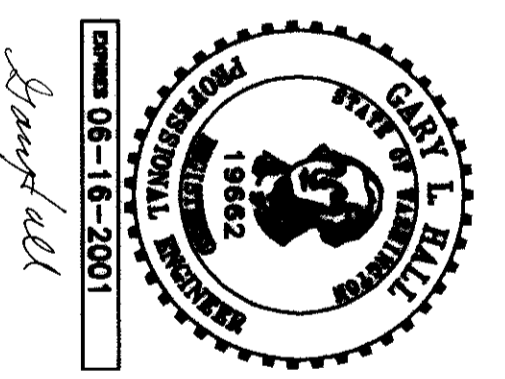


PROFILE LEGEND

---	EXISTING GROUND
---	DESIGN & FINISH GRADE
---	ELEVATION



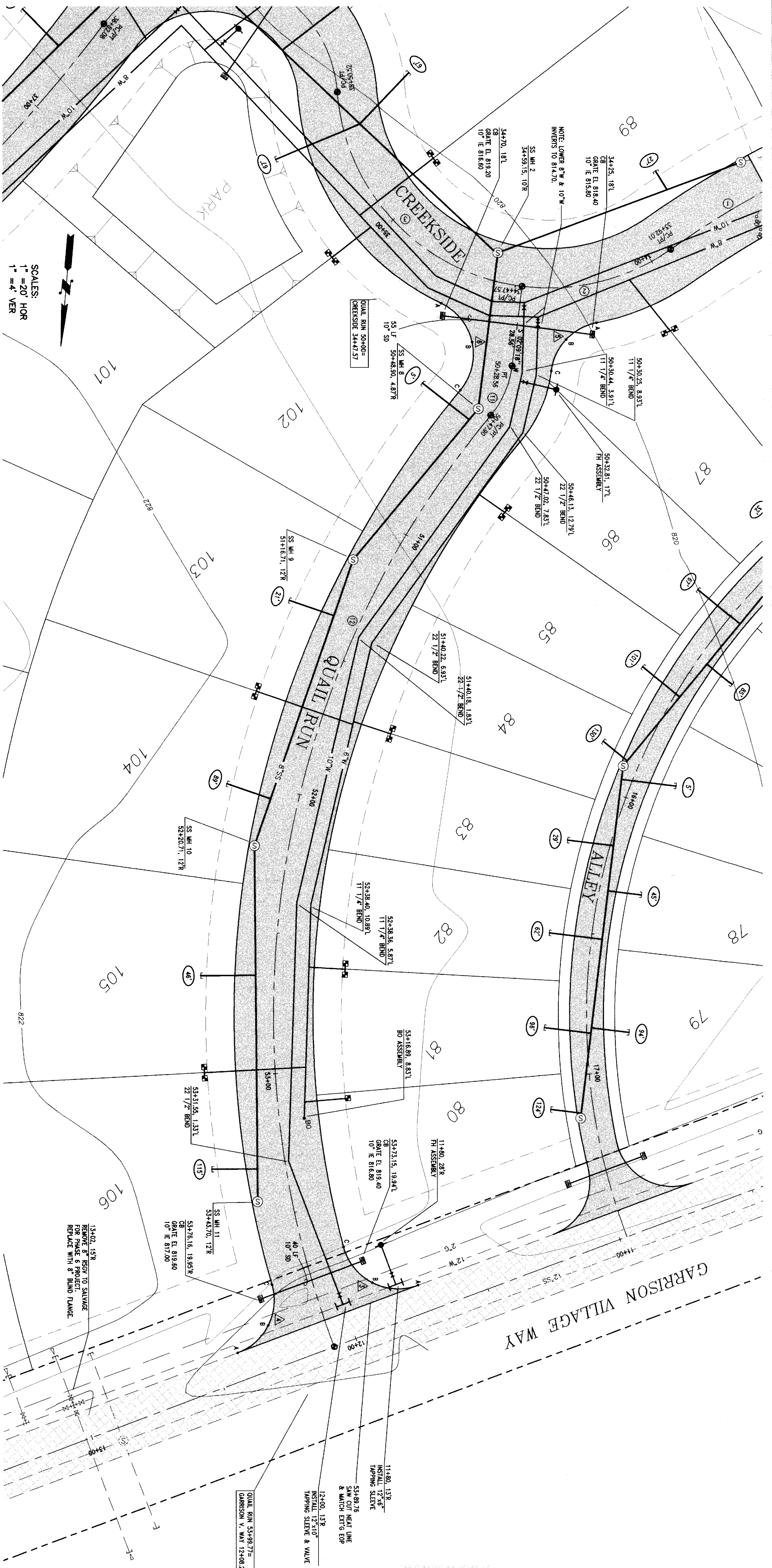
rcp02001.dwg



DATE: 8-8-02
 DRAWN BY: TKG/MA
 DWG. NO.: 061-0057

SHEET 4 OF 6
 CALL BEFORE YOU DIG (800) 332-2344
VALLEY DEVELOPMENT
 VILLAGES AT GARRISON CREEK PHASE VI
 P/P CREEKSIDE 39+00 TO 42+50

HALL ENGINEERING ASSOCIATES
 10 SOUTH AUBURN • KENNECOTT, VA 29036
 (509) 582-2200 • FAX (509) 586-2897

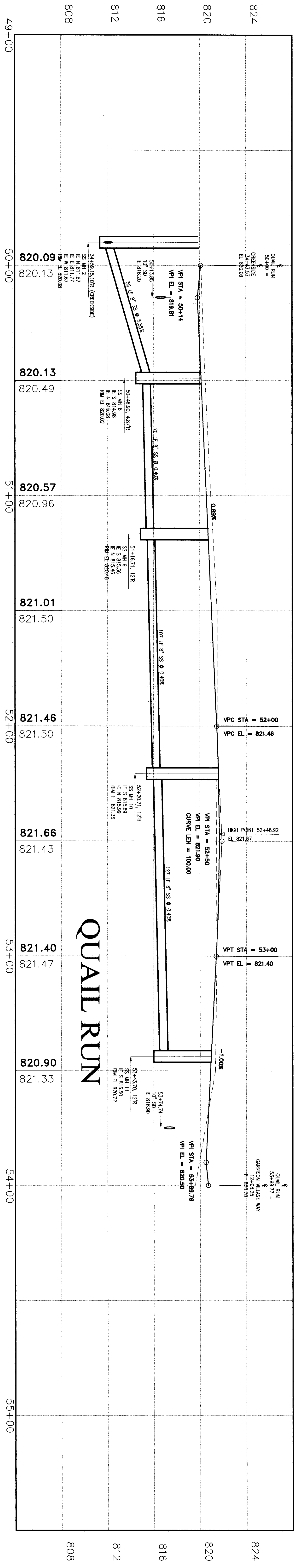


EOP RETURN CURVE TABLE

NO.	Δ	RADIUS	S/M/EL.	B	S/M/EL.
3	95° 44' 25"	20'	11+27.4 / 820.42	820.44	53+68.31 / 820.46
4	85° 19' 24"	20'	12+41.02 / 820.78	820.58	53+72.51 / 820.39
5	71° 49' 29"	20'	34+23.78 / 819.39	819.53	50+28.56 / 819.66
6	104° 29' 01"	20'	34+11.36 / 820.16	820.00	50+47.90 / 819.83

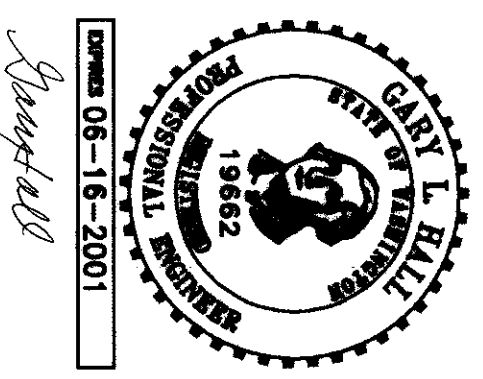
QUAIL RUN
C. L. CURVE TABLE

NO.	Δ	RADIUS	LENGTH	TANGENT
11	33° 25' 32"	34'	19.34'	53.4'
12	82° 22' 28"	33.92'	50.98'	184.25'

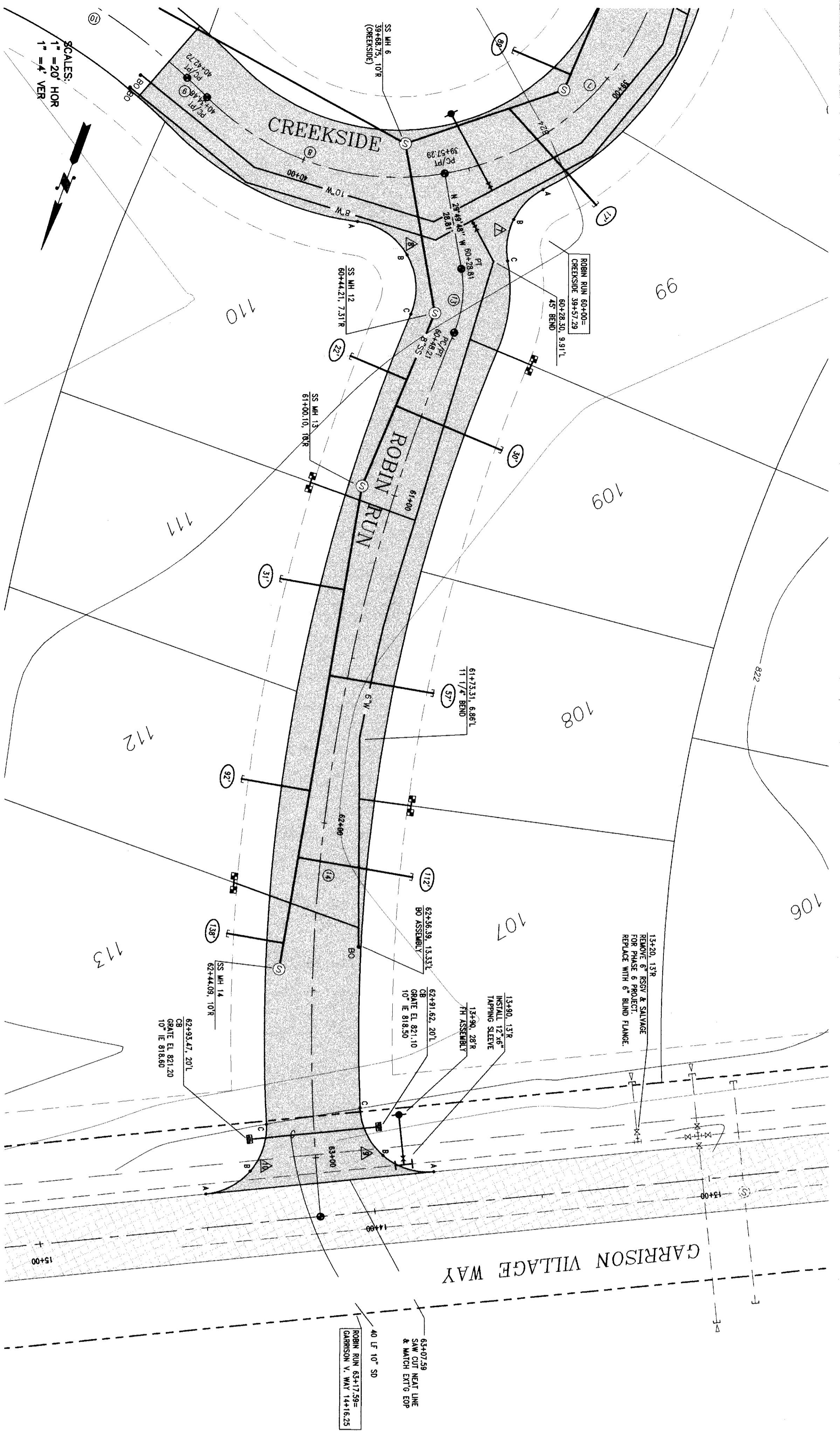


PROFILE LEGEND
 --- EXISTING GROUND
 --- DESIGN & FINISH GRADE
 --- DESIGN
 --- EXT'G
 --- ELEVATION

DATE: 7-8-00
 DRAWN BY: TKG/MA
 DWG. NO.: 061-0058
VALLEY DEVELOPMENT
 VILLAGES AT GARRISON CREEK PHASE VI
HALL ENGINEERING ASSOCIATES
 10 SOUTH AUBURN • KENNEWICK, WA 98336
 (509) 582-2200 • FAX (509) 586-2897



SHEET 5 OF 6
 CALL BEFORE YOU DIG (800) 332-2344

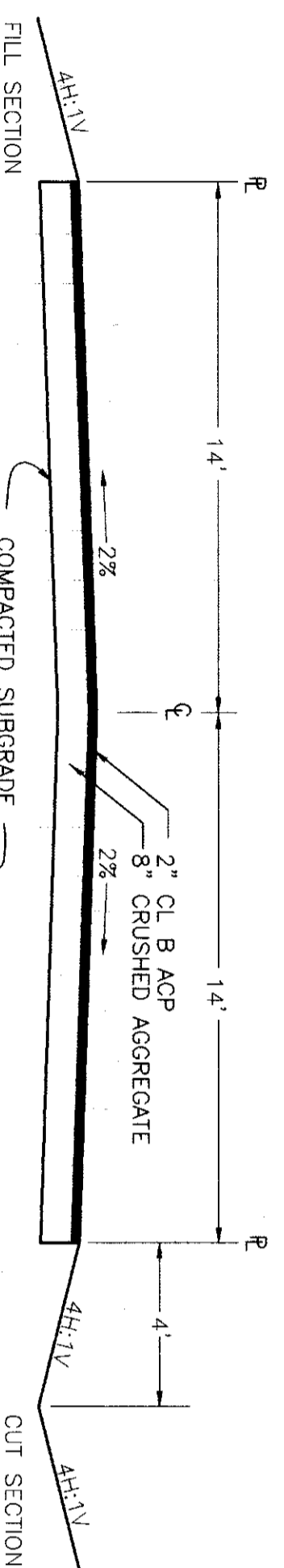
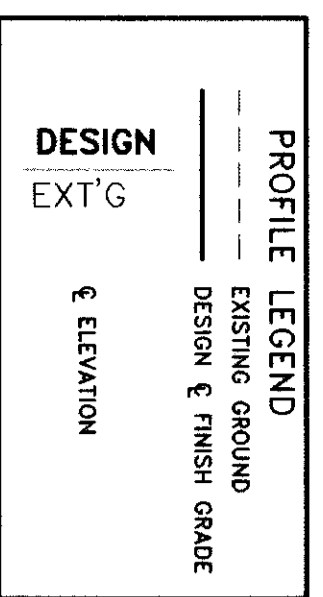
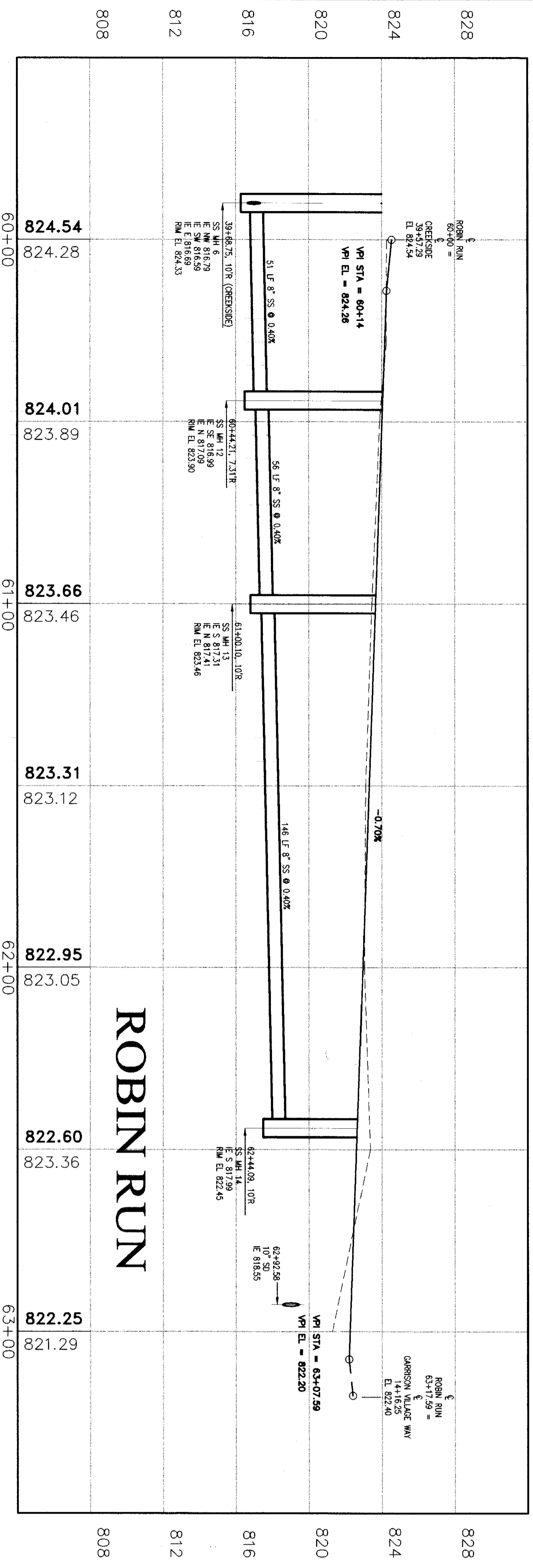


**ROBIN RUN
C. L. CURVE TABLE**

NO.	Δ	RADIUS	LENGTH	TANGENT
13	37° 41' 02"	34'	18.40'	8.97'
14	28° 28' 52"	54.192'	285.38'	137.53'

ROP RETURN CURVE TABLE

NO.	Δ	BOGUS COP	STN/EL	B	E	STN/EL	C
7	72° 38' 52"	20'	39+33.06 / 824.19	824.03	81+28.81 / 823.88		
8	105° 19' 54"	20'	39+81.52 / 824.19	823.97	81+48.21 / 823.74		
9	93° 23' 09"	20'	34+81.59 / 823.53	822.00	82+85.56 / 822.07		
10	87° 00' 51"	20'	14+48.47 / 822.89	822.37	82+88.35 / 822.04		



rcp01004.dwg



DATE: 8-8-03
DRAWN BY: TXG/MA
DWG. NO.: 061-0059

VALLEY DEVELOPMENT
VILLAGES AT GARRISON CREEK PHASE VI
PIP ROBIN RUN

SHEET 6 OF 6
CALL BEFORE YOU DIG (800) 332-2344

HALL ENGINEERING ASSOCIATES
10 SOUTH AUBURN - KENNEWICK, WA 99336
(509) 582-2200 - FAX (509) 586-2897