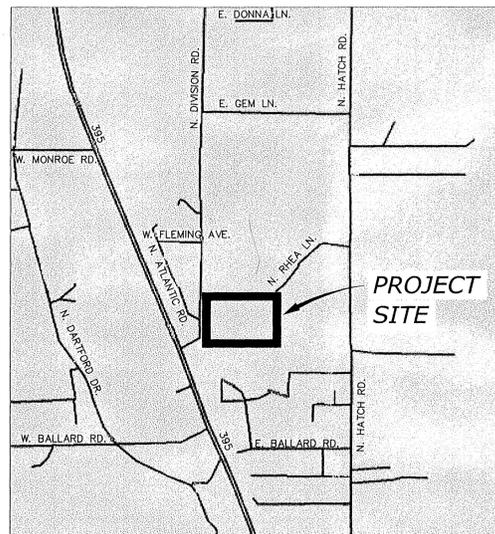
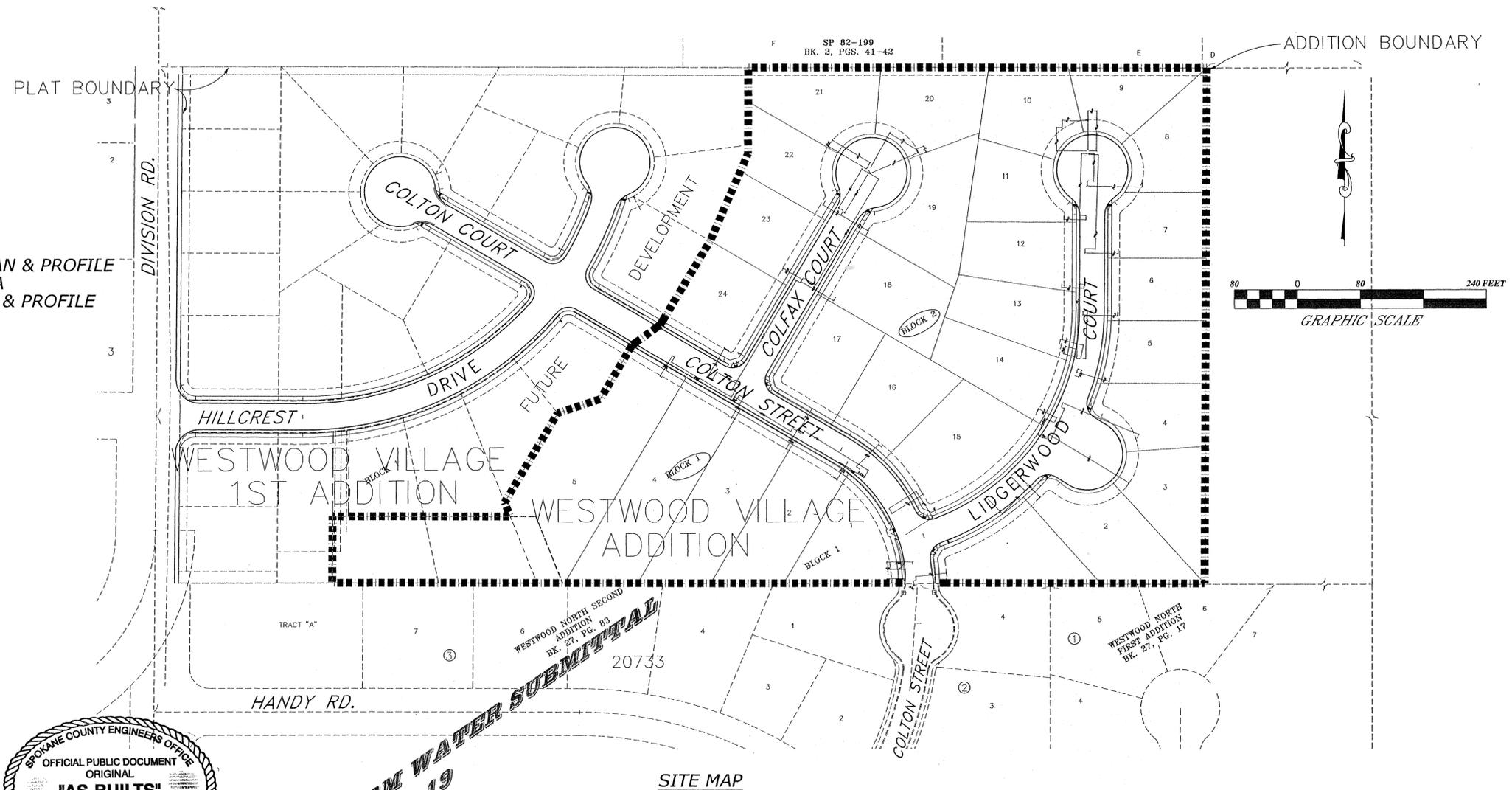


WESTWOOD VILLAGE ADDITION SUBDIVISION

SW QTR. S.20, T.27 N., R.43 E., W.M.

SHEET INDEX

- 1 COVER SHEET
- 2 SITE PLAN & NOTES
- 3 WATER MASTER PLAN
- 4 SEWER MASTER PLAN
- 5 GRADING MASTER PLAN
- 6 WATER - COLTON STREET
- 7 WATER - LIDGERWOOD COURT
- 8 WATER - COLFAX COURT
- 9 SEWER - COLTON STREET
- 10 SEWER - LIDGERWOOD COURT
- 11 SEWER - COLFAX COURT
- 12 STREET - COLTON STREET
- 13 STREET - LIDGERWOOD COURT
- 14 STREET - COLFAX COURT
- 15 STORM - COLTON/LIDGERWOOD PLAN & PROFILE
- 16 STORM - GRASS PERCOLATION AREA
- 17 STORM - MAINTENANCE ROAD PLAN & PROFILE
- 18 DETAILS
- 19 EROSION CONTROL PLAN



VICINITY MAP
N.T.S.



STREET & STORM WATER SUBMITTAL
SHEETS 1, 2 & 12 - 19

SPONSOR'S ACKNOWLEDGMENT

MR. ROD V. PLESE
PROJECT SPONSOR'S REPRESENTATIVE

VERTICAL DATUM:
BASED ON AS BUILT INVERT ELEVATION OBTAINED FROM SPOKANE CO. UTILITIES FOR SANITARY SEWER MANHOLE AT 18020 COLTON ST., NEAR CL OF COLTON ST. & S. LINE OF PLAT, AS SHOWN ON PLAN "WESTWOOD NORTH 2ND ADDITION, COLTON ST., SHT. 5 OF 7":
I.E. = 1929.60'
RIM = 1936.81'
TBM = #4 REBAR W/YPC #29286 @ CL COLTON ST. @ PLAT BOUNDARY: EL. = 1936.65'

"I HAVE REVIEWED THE CONSTRUCTION AND TO MY KNOWLEDGE FIND IT TO BE IN SUBSTANTIAL CONFORMANCE WITH THE APPROVED CERTIFIED PLANS AND STANDARD SPECIFICATIONS EXCEPT AS NOTED"



RECORD DRAWING

PROJECT SPONSOR
PLESE, GRAHAM, GEORGIAN, PARTNERSHIP, LLC.
PLESE REALTY
201 W. FRANCIS
SPOKANE, WA 99205
PHONE: 1-509-489-2323
FAX: 1-509-489-3333

SURVEYOR:
JAMES F. BENTHIN & ASSOCIATES
1004 N. ATLANTIC ST.
SPOKANE, WA 99201-2209
PHONE: 1-509-325-4529
FAX: 1-509-325-4520

ENGINEER:
DELEO & ASSOCIATES
14015 E. 12th AVE.
SPOKANE, WA 99037
PHONE: 1-509-922-4973
FAX: 1-509-926-6672

ENGINEER'S CERTIFICATION

THE DESIGN IMPROVEMENTS SHOWN IN THIS SET OF PLANS & CALCULATIONS CONFORM TO THE APPLICABLE EDITIONS OF THE SPOKANE COUNTY STANDARDS FOR ROAD & SEWER CONSTRUCTION & THE SPOKANE COUNTY GUIDELINES FOR STORM WATER MANAGEMENT. THE SPOKANE COUNTY ENGINEER HAS APPROVED ALL DESIGN DEVIATIONS. I APPROVE THESE PLANS FOR CONSTRUCTION

ENGINEER'S CERTIFICATION DATE

DRAWN BY: TPD
DATE: 10-20-04
DRAWING NO.: SHEET01.DWG

APPROVED BY: JAD
PROJECT NAME: WESTWOOD VILLAGE ADDITION SUBDIVISION
PROJECT NO.: PGGRO301

DATE: _____
REVISIONS: _____

DELEO & ASSOCIATES, INC.
14015 E. 12th AVENUE, SPOKANE VALLEY, WA 99037
(509)-922-4973 Fax (509) 926-6672

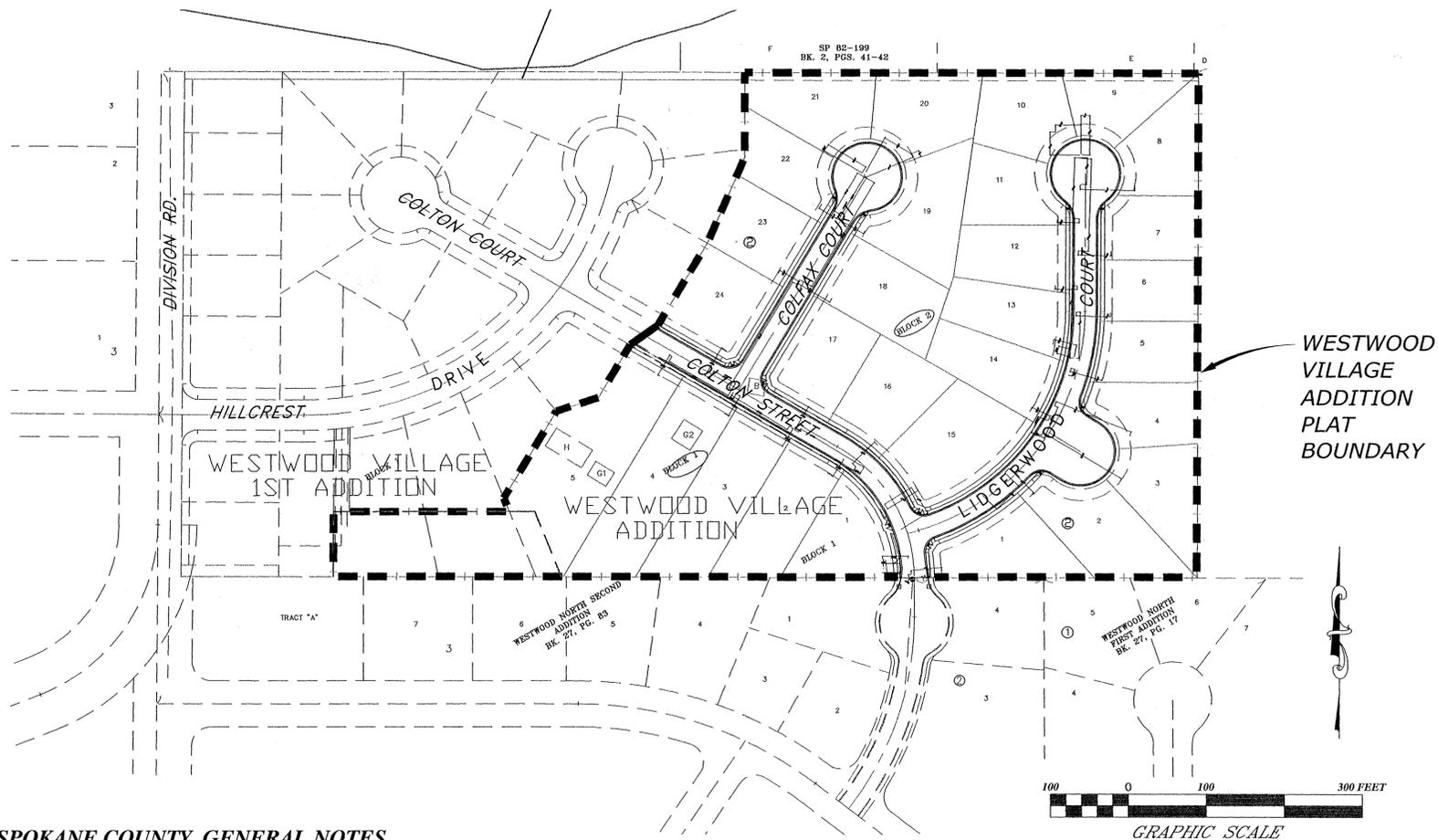
PROJECT: WESTWOOD VILLAGE ADDITION SUBDIVISION
PLAT NO. PN 1929-03

SHEET NAME

COVER SHEET

SHEET 1/19

P.1929 Eng As Built



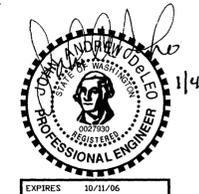
SPOKANE COUNTY, GENERAL NOTES

1. ALL MATERIALS, WORKMANSHIP, & CONSTRUCTION OF SITE IMPROVEMENTS SHALL MEET OR EXCEED THE STANDARDS & SPECIFICATIONS SET FORTH IN SPOKANE COUNTY REGULATIONS & APPLICABLE STATE & FEDERAL REGULATIONS. WHERE THERE IS CONFLICT BETWEEN THESE PLANS & THE SPECIFICATIONS, OR APPLICABLE STANDARDS, THE HIGHER QUALITY STANDARD SHALL APPLY. ALL WORK WITHIN PUBLIC R.O.W. OR EASEMENTS SHALL BE INSPECTED & APPROVED BY SPOKANE COUNTY. CONSTRUCTION OBSERVATION SERVICES & CERTIFICATION TO BE PROVIDED BY THE ENGINEER OF RECORD. ALL WORK WITHIN THE PUBLIC RIGHT-OF-WAY IS SUBJECT TO THE JURISDICTION OF THE SPOKANE COUNTY ENGINEERING DEPARTMENT STANDARD DETAILS & SPECIFICATIONS.
2. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES, AS SHOWN ON THESE PLANS, IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND, WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION SHALL NOT BE RELIED UPON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE LOCAL UTILITY LOCATION CENTER AT LEAST 48 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATIONS OF THE UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL VERIFY PERTINENT LOCATIONS & ELEVATIONS, ESPECIALLY AT THE CONNECTION POINTS & AT POTENTIAL UTILITY CONFLICTS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES THAT CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THESE PLANS.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM ALL APPLICABLE AGENCIES. THE CONTRACTOR SHALL NOTIFY THE ENGINEER & SPOKANE COUNTY AT LEAST 48 HOURS PRIOR TO THE START OF ANY EARTH DISTURBING ACTIVITY OR CONSTRUCTION ON ANY & ALL PUBLIC IMPROVEMENTS.
4. THE CONTRACTOR SHALL COORDINATE & COOPERATE WITH THE SPOKANE COUNTY UTILITIES DEPARTMENT & ALL UTILITY COMPANIES WITH REGARD TO RELOCATIONS OR ADJUSTMENTS OF EXISTING UTILITIES DURING CONSTRUCTION & TO ASSURE THAT THE WORK IS ACCOMPLISHED IN A TIMELY FASHION & WITH A MINIMUM DISRUPTION OF SERVICE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING ALL PARTIES AFFECTED BY ANY DISRUPTION OF ANY UTILITY SERVICE.
5. THE CONTRACTOR SHALL HAVE ONE (1) SIGNED COPY OF THE APPROVED PLANS, ONE (1) COPY OF THE APPROPRIATE STANDARDS & SPECIFICATIONS, & A COPY OF ANY PERMITS & EXTENSION AGREEMENTS NEEDED FOR THE JOB ON SITE AT ALL TIMES.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ASPECTS OF SAFETY INCLUDING, BUT NOT LIMITED TO, EXCAVATION, TRENCHING, SHORING, TRAFFIC CONTROL, & SECURITY.
7. IF, DURING THE CONSTRUCTION PROCESS, CONDITIONS ARE ENCOUNTERED BY THE CONTRACTOR, HIS SUBCONTRACTORS, OR OTHER AFFECTED PARTIES, WHICH COULD INDICATE A SITUATION THAT IS NOT IDENTIFIED IN THE PLANS OR SPECIFICATIONS, THE CONTRACTOR SHALL CONTACT THE ENGINEER IMMEDIATELY.
8. ALL REFERENCES TO ANY PUBLISHED STANDARDS SHALL REFER TO THE LATEST REVISION OF SAID STANDARD, UNLESS SPECIFICALLY STATED OTHERWISE.
9. THE CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN, IN ACCORDANCE WITH M.U.T.C.D. TO THE APPROPRIATE RIGHT-OF-WAY AUTHORITY, SPOKANE COUNTY, FOR APPROVAL PRIOR TO ANY CONSTRUCTION ACTIVITIES WITHIN OR AFFECTING THE RIGHT-OF-WAY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ANY & ALL TRAFFIC CONTROL DEVICES AS MAY BE REQUIRED BY THE CONSTRUCTION ACTIVITIES.
10. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL LABOR & MATERIALS NECESSARY FOR THE COMPLETION OF THE INTENDED IMPROVEMENTS SHOWN ON THESE DRAWINGS OR DESIGNATED TO BE PROVIDED, INSTALLED, CONSTRUCTED, REMOVED OR RELOCATED UNLESS SPECIFICALLY NOTED OTHERWISE.
11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING ROADWAYS FREE & CLEAR OF ALL CONSTRUCTION DEBRIS & DIRT TRACKED FROM THE SITE.
12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RECORDING RECORD INFORMATION ON A SET OF RECORD DRAWINGS KEPT AT THE CONSTRUCTION SITE & AVAILABLE TO THE SPOKANE COUNTY INSPECTOR AT ALL TIMES.
13. DIMENSIONS FOR LAYOUT & CONSTRUCTION SHALL NOT BE SCALED FROM THE DRAWINGS. IF PERTINENT DIMENSIONS ARE NOT SHOWN, CONTACT THE CONSULTANT ENGINEER FOR CLARIFICATION & ANNOTATE THE DIMENSION ON THE RECORD DRAWINGS.
14. THE CONTRACTOR SHALL SEQUENCE INSTALLATION OF UTILITIES IN SUCH A MANNER AS TO MINIMIZE POTENTIAL UTILITY CONFLICTS. IN GENERAL, STORM SEWER & SANITARY SEWER SHOULD BE CONSTRUCTED PRIOR TO INSTALLATION OF WATER LINES & DRY UTILITIES.
15. THE CONTRACTOR SHALL SUBMIT A PHASING PLAN FOR ALL WORK IN PUBLIC ROADS & R.O.W.'S TO THE SPOKANE COUNTY ENGINEER BEFORE BEGINNING ANY WORK ON THESE ROADS. CONTRACTOR SHALL BEGIN WORK ONLY AFTER THE SPOKANE COUNTY ENGINEER APPROVES THE PHASING PLAN, & A PRECONSTRUCTION MEETING IS HELD BETWEEN THE SPOKANE COUNTY ENGINEER, THE ENGINEER & THE CONTRACTOR.
16. ALL OPERATIONS CONDUCTED ON THE PREMISES, INCLUDING THE WARMING UP, REPAIR, ARRIVAL, DEPARTURE OR RUNNING OF TRUCKS, EARTH MOVING EQUIPMENT, CONSTRUCTION EQUIPMENT & ANY OTHER ASSOCIATED EQUIPMENT SHALL GENERALLY BE LIMITED TO THE PERIOD BETWEEN 6:00 A.M. & 10:00 P.M. EVERYDAY UNLESS OTHERWISE APPROVED BY SPOKANE COUNTY.
17. BASED ON A REQUIREMENT FROM SPOKANE COUNTY, THE ENGINEER OR HIS DESIGNEE SHALL PERFORM MATERIALS TESTING & OBSERVE VARIOUS ASPECTS OF CONSTRUCTION ON THE PROJECT. THE ENGINEER WILL SUBMIT COPIES OF DAILY REPORTS, TEST REPORTS, PROJECT CERTIFICATION & RECORD DRAWINGS TO THE SPOKANE COUNTY ENGINEER.
18. NO REVISIONS SHALL BE MADE TO THESE PLANS WITHOUT THE APPROVAL OF THE SPOKANE COUNTY ENGINEER & NOTIFICATION OF THE ENGINEER OF RECORD.
19. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE ALL UTILITY RELOCATIONS CONSISTENT WITH THE CONTRACTOR'S SCHEDULE FOR THIS PROJECT, WHETHER SHOWN OR NOT SHOWN, AS IT RELATES TO THE CONSTRUCTION ACTIVITIES CONTEMPLATED IN THESE PLANS.

LEGEND:

EXISTING STREET SIGN	—
PROPOSED STREET SIGN	—
EXISTING UTILITY POLE	—
EXISTING WATER VALVE	—
PROPOSED WATER VALVE	—
PROPOSED FIRE HYDRANT	—
PROPOSED MANHOLE	—
EXISTING MANHOLE	—
CENTER LINE	—
SEWER LINE	— SWR — SWR —
GAS LINE	— GAS — GAS —
WATER LINE (EXISTING)	— WA —
WATER LINE (PROPOSED)	—
RIGHT OF WAY LINE	—
PROPOSED SIDEWALK	—
PROPOSED GRAVEL	—
PROPOSED RIPRAP	—

"I HAVE REVIEWED THE CONSTRUCTION AND TO MY KNOWLEDGE FIND IT TO BE IN SUBSTANTIAL CONFORMANCE WITH THE APPROVED CERTIFIED PLANS AND STANDARD SPECIFICATIONS EXCEPT AS NOTED"



RECORD DRAWING

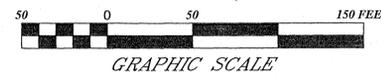
CALL BEFORE YOU DIG: 456-8000
CALL 48 HRS. BEFORE EXCAVATION

DRAWN BY: TPD DATE: 10-20-04 DRAWING NO.: SHEET02.DWG	APPROVED BY: JAD PROJECT NAME: WESTWOOD VILLAGE ADDITION SUBDIVISION PROJECT NO.: PGGRO301	DATE: _____ REVISIONS: _____	DELEO & ASSOCIATES, INC. 14015 E. 121st AVENUE, SPOKANE VALLEY, WA 99037 (509)-922-4973 Fax (509) 926-6972	PROJECT: WESTWOOD VILLAGE ADDITION SUBDIVISION PLAT NO. PN 1929-03	SHEET NAME: SITE PLAN & NOTES P. 1929 <i>Engls Built</i>	SHEET: 2/19
---	--	---------------------------------	---	---	--	--------------------

SW QTR. S.20, T.27 N., R.43 E., W.M.
SPOKANE COUNTY, WASHINGTON

CONSTRUCTION NOTES:

- ① CONSTRUCT WHEELCHAIR RAMP PER SPOKANE COUNTY STANDARD PLAN A-5 DESIGN B.
- ② REMOVE BUILDINGS & PROPERLY DISPOSE.
- ③ PREPARE EXISTING GROUND SURFACE:
 - A. REMOVE TREES, BRUSH, & SHRUBS.
 - B. CLEAR AND GRUB SURFACE & REMOVE ALL TOP SOIL AND SOIL TO A DEPTH BELOW ORGANICS.
- ④ PLACE FILL IN LAYERS NOT TO EXCEED 8" UNCONSOLIDATED & COMPACT TO 90% OF MAXIMUM DENSITY PER ASTM D-1557. THIS REQUIREMENT IS FOR EMBANKMENT FILL 2 FT. BELOW ROAD SUBGRADE & DEEPER FROM 2 FT. BENEATH ROAD SURFACE TO SUBGRADE PLACE LIFTS NOT TO EXCEED 4" UNCONSOLIDATED LIFT & COMPACT TO 95% 2 FT. BENEATH ROAD SURFACE TO SUBGRADE PLACE LIFTS NOT TO EXCEED 4" UNCONSOLIDATED LIFT & COMPACT TO 95% MAXIMUM DENSITY PER ASTM D-1557.
- ⑤ TYPICAL SECTION SEE SHEET 17/19, DETAIL 2.
- ⑥ END CURB & SIDEWALK.
- ⑦ CENTERLINE STA 9+99.67 AT BOUNDARY. N= 5001.097 E= 4833.40
- ⑧ SAW CUT ACP.
- ⑨ BEGIN SIDEWALK. COLTON STREET STA. 10+00.00
- ⑩ CENTERLINE OF COLTON ST. STA= 10+57.68, & CENTERLINE OF LIDGERWOOD CT. STA= 10+00.00
- ⑪ CENTERLINE OF COLTON ST. STA= 13+53.67, & CENTERLINE OF COLFAX CT. STA= 10+00.00
- ⑫ STA= 11+58.26, BEGIN TRANSITION TO TYPE B CURB. SEE DETAIL.
- ⑬ STA= 10+09.29 CENTERLINE OF 12.0' DRIVEWAY TO STORM ACCESS ROAD. SEE SPOKANE COUNTY PLAN A-4.
- ⑭ STA= 11+65.38 TYPE B CURB, SEE SHEET 13/18 FOR CURB TRANSITION DETAIL.
- ⑮ STA. 14+86 INSTALL TYPE III BARRICADES CURB TO CURB.



SPOKANE COUNTY STANDARD NOTES FOR CONSTRUCTION PLANS:

- 1) ALL WORK & MATERIALS SHALL BE IN CONFORMANCE WITH THE 'SPOKANE COUNTY STANDARDS FOR ROAD & SEWER CONSTRUCTION' 2001 & AS AMENDED.
- 2) LOCATION OF EXISTING UTILITIES SHOWN IN THE PLANS ARE APPROXIMATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES. ANY CONFLICTING UTILITIES SHALL BE RELOCATED PRIOR TO CONSTRUCTION OF ROAD & DRAINAGE FACILITIES.
- 3) THE CONTRACTOR IS REQUIRED TO HAVE A COMPLETE SET OF THE APPROVED ROAD & DRAINAGE PLANS ON THE JOB SITE WHENEVER CONSTRUCTION IS IN PROGRESS.
- 4) IF THE CONTRACTOR DISCOVERS ANY DISCREPANCIES BETWEEN THE PLANS & EXISTING CONDITIONS ENCOUNTERED, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE DESIGN ENGINEER & THE SPOKANE COUNTY ENGINEER'S OFFICE.

LINE TABLE

NUMBER	DIRECTION	DISTANCE
L12	S 58°02'15" E	17,8568 FT
L13	S 58°02'15" E	17,8568 FT
L14	S 30°22'52" W	14,5000 FT
L15	S 30°22'52" W	14,5000 FT

CURVE TABLE

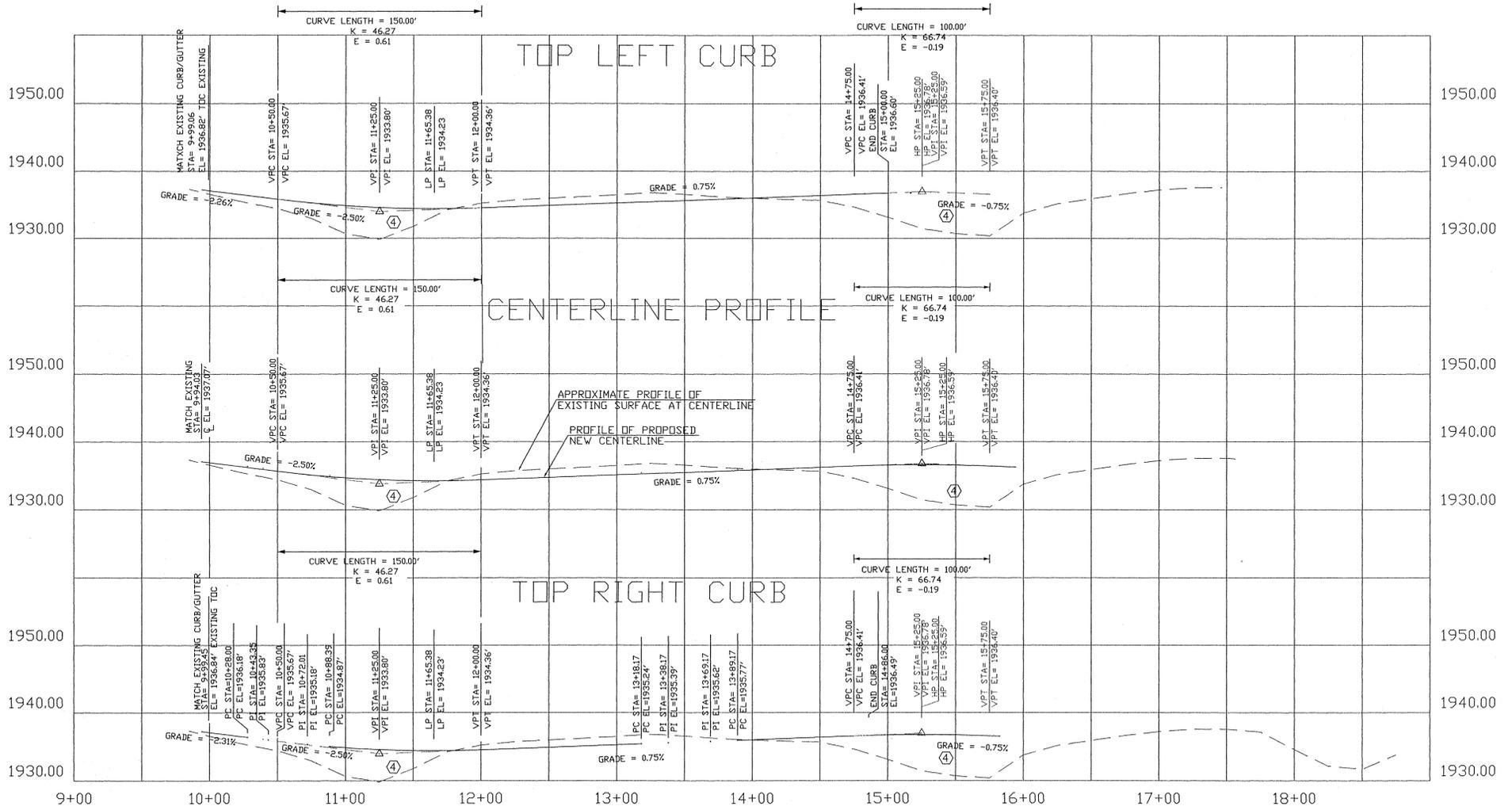
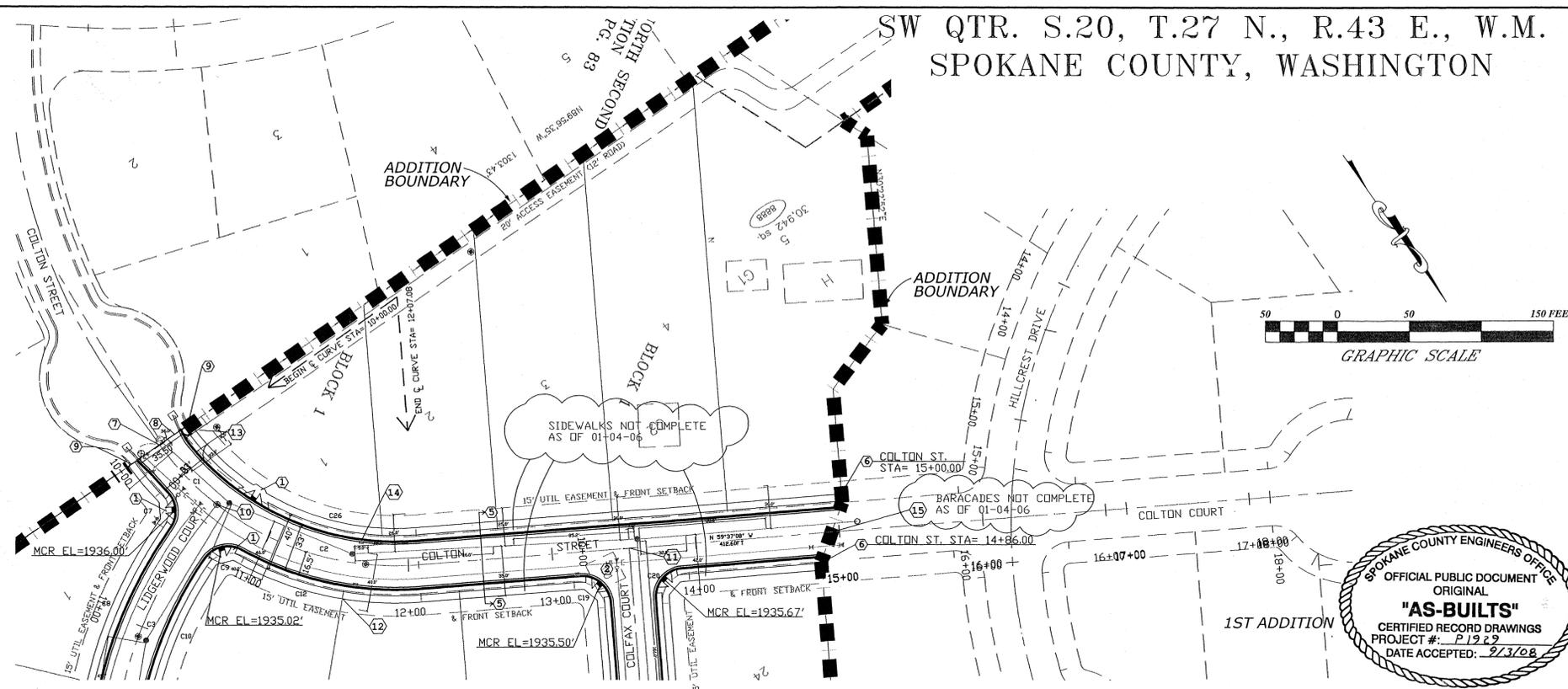
CURVE	RADIUS	ARC	TANGENT	CHORD	DELTA
C1	200.00	58.00	29.20	57.80	16°36'57"
C2	200.00	149.41	78.38	145.96	42°48'05"
C3	300.00	215.83	112.82	211.20	41°13'13"
C4	300.00	167.00	85.73	164.85	31°53'41"
C7	20.00	27.31	16.26	25.24	78°14'21"
C8	315.50	147.51	75.13	146.17	26°47'18"
C9	20.00	29.77	18.42	27.10	85°17'54"
C10	284.50	184.33	95.53	181.13	37°07'23"
C11	284.50	158.37	81.30	156.33	31°53'41"
C12	216.50	128.48	66.20	126.61	34°00'10"
C13	20.00	27.52	16.44	25.40	78°49'44"
C14	NOT USED				
C15	NOT USED				
C16	315.50	114.11	57.69	113.49	20°43'25"
C17	30.00	27.57	14.84	26.61	52°39'04"
C18	30.00	27.57	14.84	26.61	52°39'04"
C19	20.00	31.42	20.00	28.28	90°00'00"
C20	20.00	31.42	20.00	28.28	90°00'00"
C21	NOT USED				
C22	NOT USED				
C23	NOT USED				
C24	30.00	27.57	14.84	26.61	52°39'04"
C25	30.00	27.57	14.84	26.61	52°39'04"
C26	183.50	178.10	96.77	171.19	55°36'35"

"I HAVE REVIEWED THE CONSTRUCTION AND TO MY KNOWLEDGE FIND IT TO BE IN SUBSTANTIAL CONFORMANCE WITH THE APPROVED CERTIFIED PLANS AND STANDARD SPECIFICATIONS EXCEPT AS NOTED"



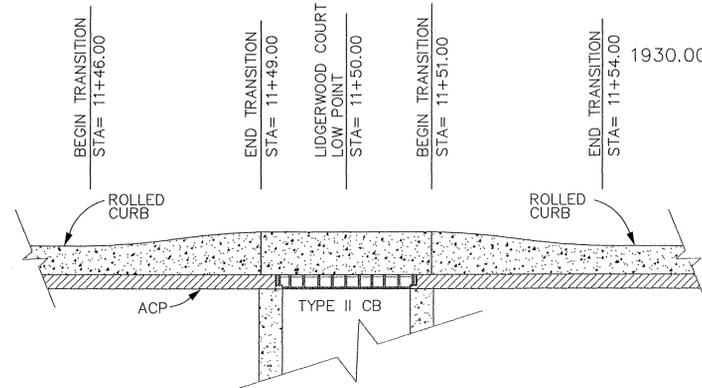
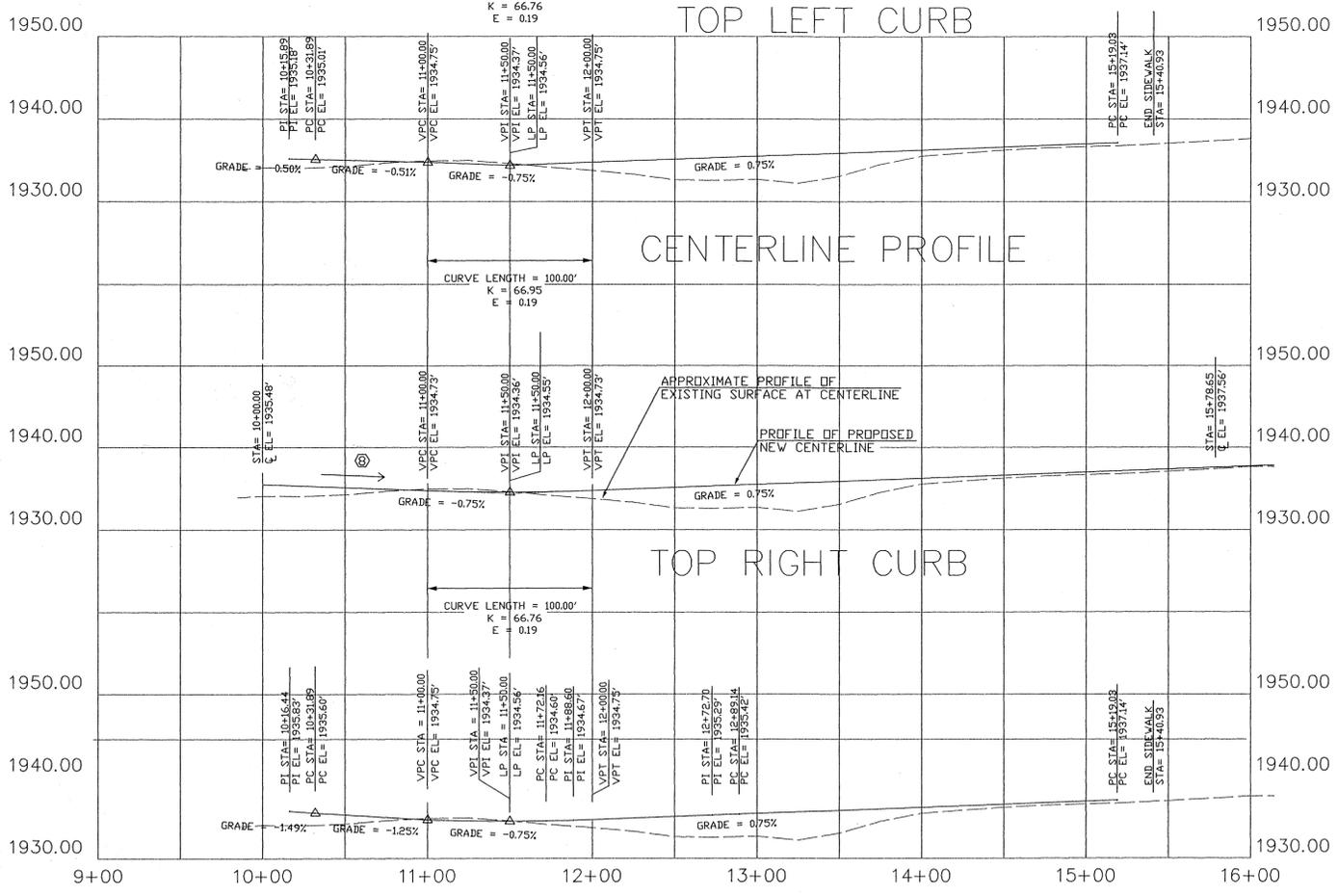
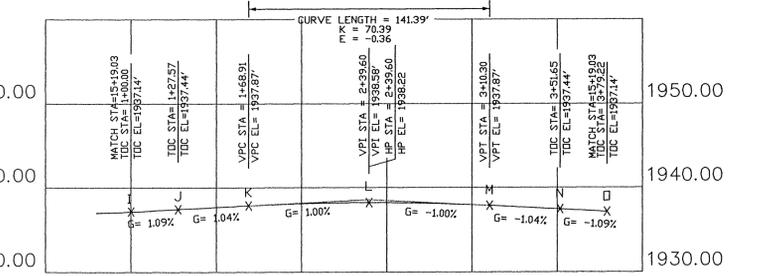
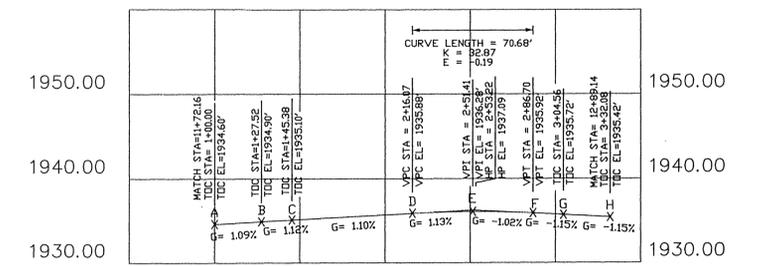
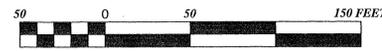
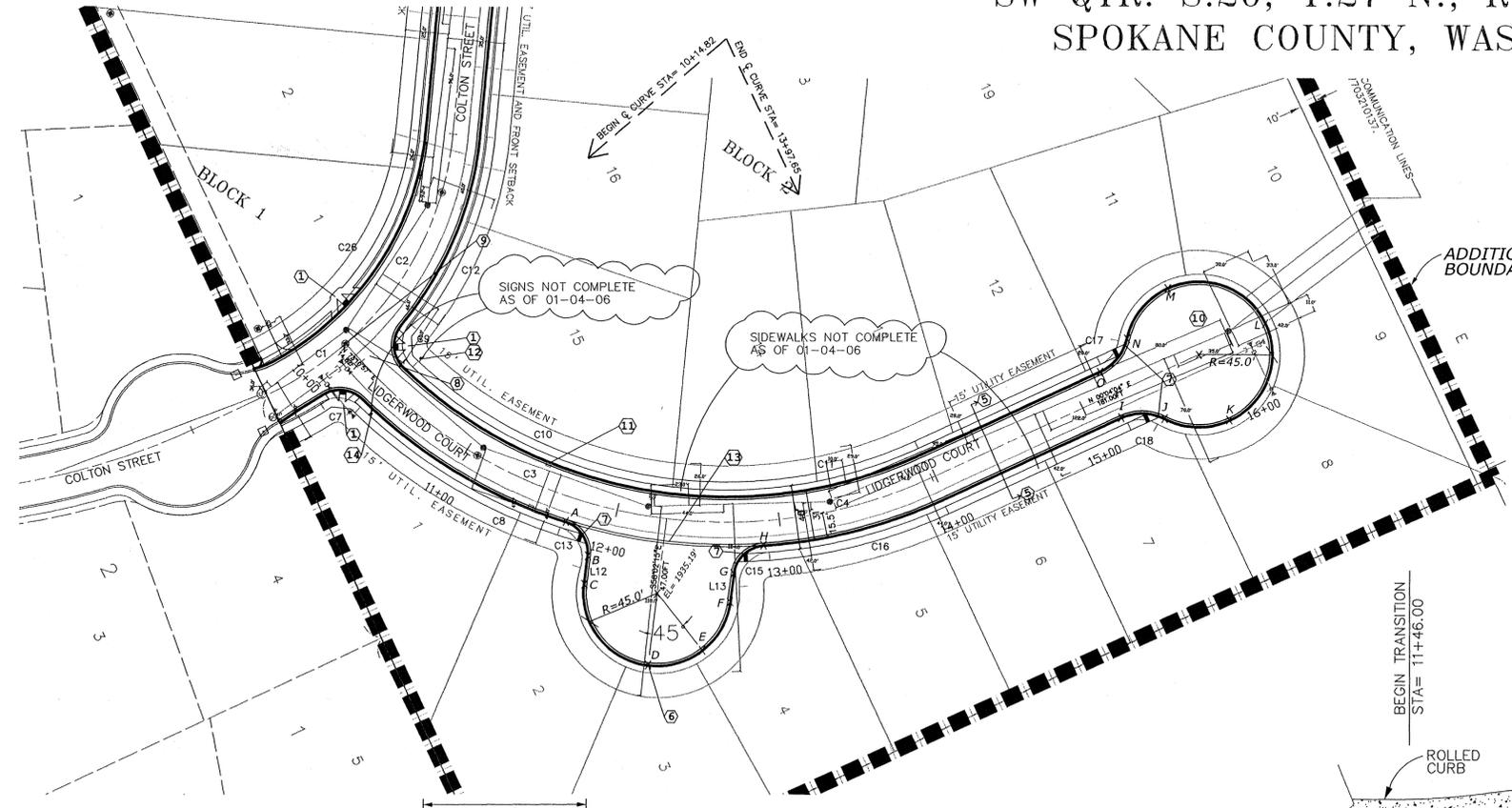
RECORD DRAWING

EXPIRES 10/11/06



CALL BEFORE YOU DIG: 456-8000, CALL 48 HRS. BEFORE EXCAVATION

SW QTR. S.20, T.27 N., R.43 E., W.M.
SPOKANE COUNTY, WASHINGTON



CURB TRANSITION DETAIL
N.T.S.

LINE TABLE

NUMBER	DIRECTION	DISTANCE
L12	S 58°02'15" E	17.8568 FT
L13	S 58°02'15" E	17.8568 FT
L14	S 30°22'52" W	14.5000 FT
L15	S 30°22'52" W	14.5000 FT

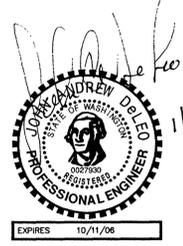
CURVE TABLE

CURVE	RADIUS	ARC	TANGENT	CHORD	DELTA
C1	200.00	58.00	29.20	57.80	16°36'57"
C2	200.00	149.41	78.38	145.96	42°48'05"
C3	300.00	215.83	112.82	211.20	41°13'13"
C4	300.00	167.00	85.73	164.85	31°53'41"
C7	20.00	27.31	16.26	25.24	78°14'21"
C8	315.50	147.51	75.13	146.17	26°47'18"
C9	20.00	29.77	18.42	27.10	85°17'54"
C10	284.50	184.33	95.53	181.13	37°07'23"
C11	284.50	158.37	81.30	156.33	31°53'41"
C12	216.50	128.48	66.20	126.61	34°00'10"
C13	20.00	27.52	16.44	25.40	78°49'44"
C14	NOT USED				
C15	20.00	27.52	16.44	25.40	78°49'44"
C16	315.50	114.11	57.69	113.49	20°43'25"
C17	30.00	27.57	14.84	26.61	52°39'04"
C18	30.00	27.57	14.84	26.61	52°39'04"
C19	20.00	31.42	20.00	28.28	90°00'00"
C20	20.00	31.42	20.00	28.28	90°00'00"
C21	20.00	31.42	20.00	28.28	90°00'00"
C22	NOT USED				
C23	20.00	31.42	20.00	28.28	90°00'00"
C24	30.00	27.57	14.84	26.61	52°39'04"
C25	30.00	27.57	14.84	26.61	52°39'04"
C26	183.50	178.10	96.77	171.19	55°36'35"

- CONSTRUCTION NOTES:**
- CONSTRUCT WHEELCHAIR RAMP PER SPOKANE COUNTY STANDARD PLAN A-5 DESIGN B.
 - REMOVE BUILDINGS & PROPERLY DISPOSE.
 - PREPARE EXISTING SLOPE:
 - REMOVE TREES, BRUSH, & SHRUBS.
 - CLEAR AND GRUB SURFACE & REMOVE ALL TOP SOIL AND SOIL TO A DEPTH BELOW ORGANICS.
 - PLACE FILL IN LAYERS NOT TO EXCEED 8" UNCONSOLIDATED & COMPACT TO 90% OF MAXIMUM DENSITY PER ASTM D-1557. THIS REQUIREMENT IS FOR EMBANKMENT FILL 2 FT. BELOW ROAD SURFACE & DEEPER. FROM 2 FT. BENEATH ROAD SURFACE TO SUBGRADE PLACE LIFTS NOT TO EXCEED 4" UNCONSOLIDATED LIFT & COMPACT TO 95% 2 FT. BENEATH ROAD SURFACE TO SUBGRADE PLACE LIFTS NOT TO EXCEED 4" UNCONSOLIDATED LIFT & COMPACT TO 95% MAXIMUM DENSITY PER ASTM D-1557.
 - TYPICAL SECTION SEE SHEET 17/19, DETAIL 1.
 - SEE TURNOUT PROFILE DETAIL THIS SHEET.
 - END SIDEWALK. CONSTRUCT WHEELCHAIR RAMP PER WSDOT STANDARD PLAN F-3E, TYPE 4B.
 - NO GUTTER, STRAIGHT GRADE FROM CENTERLINE OF COLTON.
 - CENTERLINE OF COLTON ST. STA= 10+57.68 & CENTERLINE OF LIDGERWOOD CT. STA= 10+00.00.
 - SEE CUL-DE-SAC PROFILE DETAIL THIS SHEET.
 - STA= 11+46.00 TO 11+54.00 TYPE B CURB, SEE TRANSITION DETAIL THIS SHEET.
 - STREET NAME SIGN PER SPOKANE COUNTY STANDARD PLAN A-16.
 - CONCRETE CROSS GUTTER PER SPOKANE COUNTY STANDARD PLAN B-18.
 - STA 10+41, INSTALL SIGN W14-1A "DEAD END" SIGN PER MUTCD STANDARD PLAN.

- SPOKANE COUNTY STANDARD NOTES FOR CONSTRUCTION PLANS:**
- ALL WORK & MATERIALS SHALL BE IN CONFORMANCE WITH THE "SPOKANE COUNTY STANDARDS FOR ROAD & SEWER CONSTRUCTION" 2001 & AS AMENDED.
 - LOCATION OF EXISTING UTILITIES SHOWN IN THE PLANS ARE APPROXIMATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES. ANY CONFLICTING UTILITIES SHALL BE RELOCATED PRIOR TO CONSTRUCTION OF ROAD & DRAINAGE FACILITIES.
 - THE CONTRACTOR IS REQUIRED TO HAVE A COMPLETE SET OF THE APPROVED ROAD & DRAINAGE PLANS ON THE JOB SITE WHENEVER CONSTRUCTION IS IN PROGRESS.
 - IF THE CONTRACTOR DISCOVERS ANY DISCREPANCIES BETWEEN THE PLANS & EXISTING CONDITIONS ENCOUNTERED, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE DESIGN ENGINEER & THE SPOKANE COUNTY ENGINEER'S OFFICE.

"I HAVE REVIEWED THE CONSTRUCTION AND TO MY KNOWLEDGE FIND IT TO BE IN SUBSTANTIAL CONFORMANCE WITH THE APPROVED CERTIFIED PLANS AND STANDARD SPECIFICATIONS EXCEPT AS NOTED"

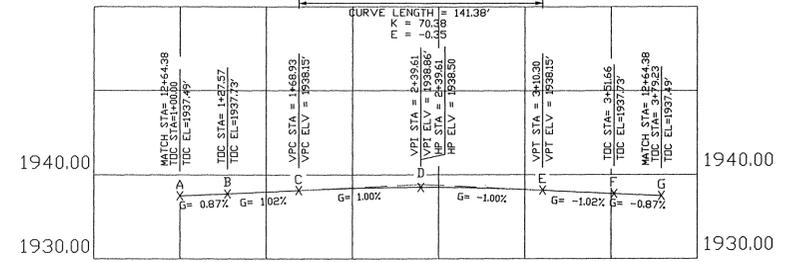
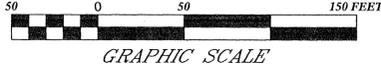
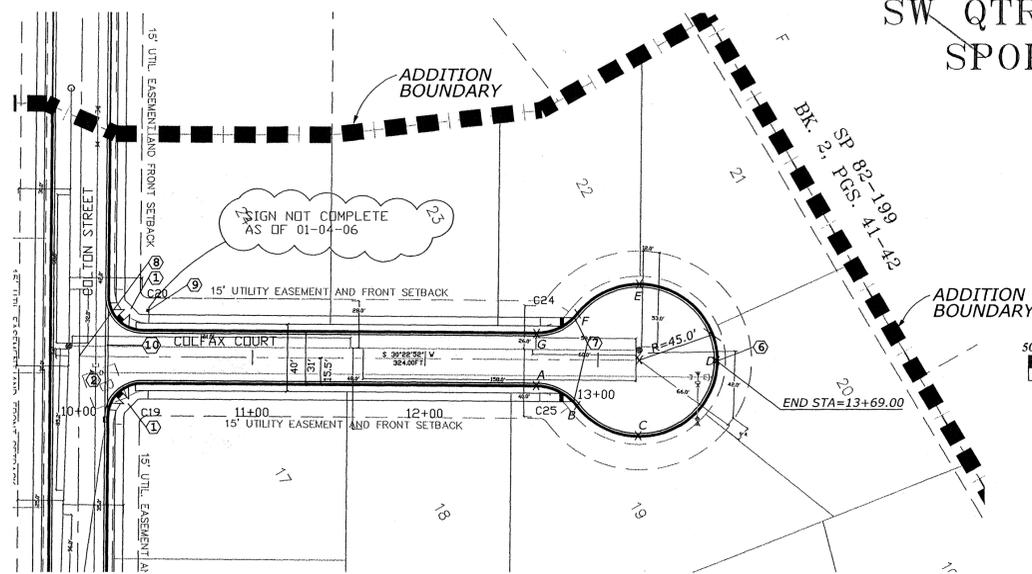


RECORD DRAWING

CALL BEFORE YOU DIG: 456-8000 CALL 48 HRS. BEFORE EXCAVATION

P.1929 Engrs Build

SW QTR. S.20, T.27 N., R.43 E., W.M.
SPOKANE COUNTY, WASHINGTON



CUL-DE-SAC PROFILE
1" = 50' H
1" = 10' V

CONSTRUCTION NOTES:

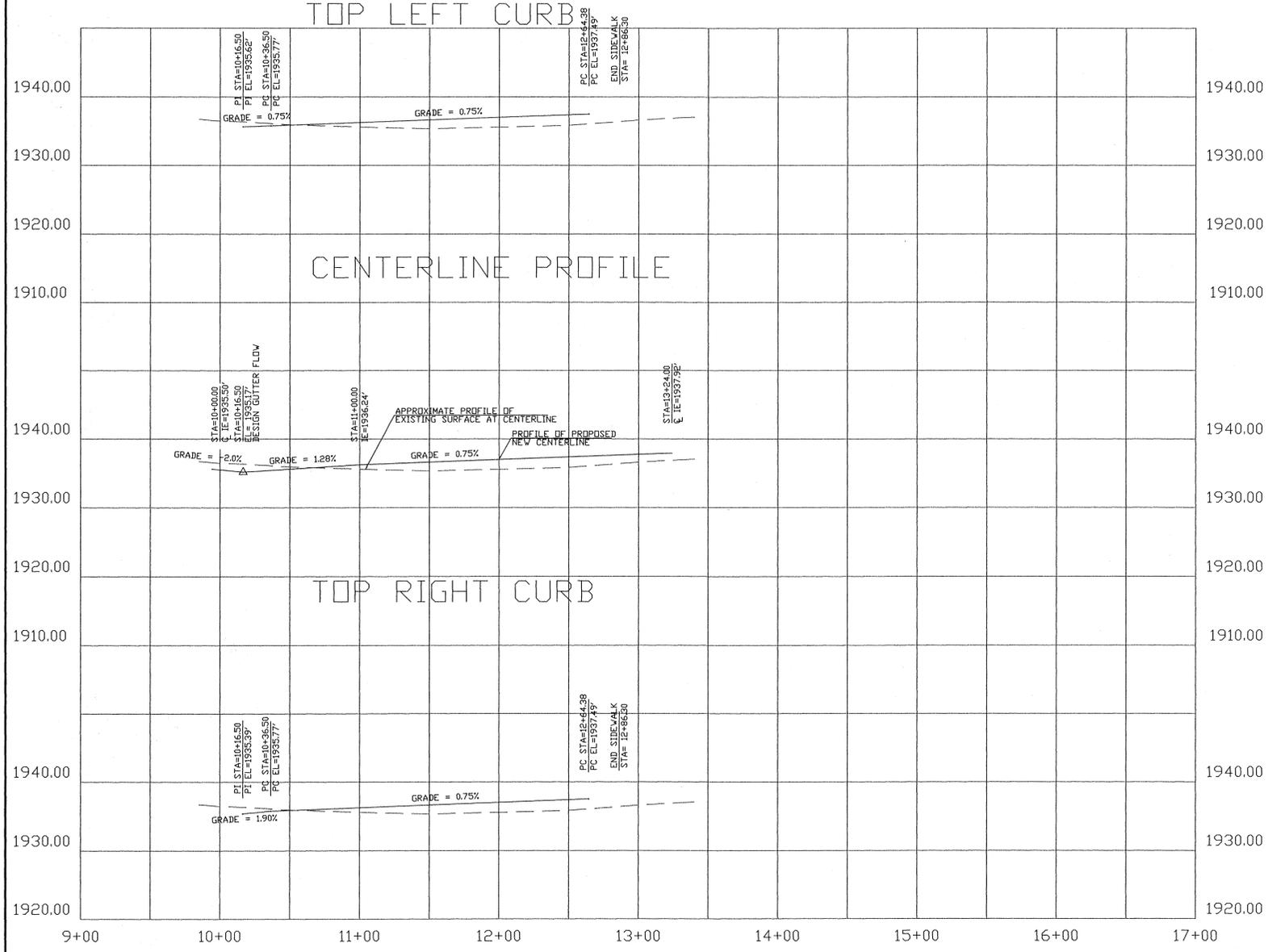
- ① CONSTRUCT WHEELCHAIR RAMP PER SPOKANE COUNTY STANDARD PLAN A-5 DESIGN B.
- ② REMOVE BUILDINGS & PROPERLY DISPOSE.
- ③ PREPARE EXISTING SLOPE:
 - A. REMOVE TREES, BRUSH, & SHRUBS.
 - B. CLEAR AND GRUB SURFACE & REMOVE ALL TOP SOIL AND SOIL TO A DEPTH BELOW ORGANICS.
- ④ PLACE FILL IN LAYERS NOT TO EXCEED 8" UNCONSOLIDATED & COMPACT TO 90% OF MAXIMUM DENSITY PER ASTM D-1557. THIS REQUIREMENT IS FOR EMBANKMENT FILL 2 FT. BELOW ROAD SUBGRADE & DEEPER. FROM 2 FT. BENEATH ROAD SURFACE TO SUBGRADE PLACE LIFTS NOT TO EXCEED 4" UNCONSOLIDATED LIFT & COMPACT TO 95% 2 FT. BENEATH ROAD SURFACE TO SUBGRADE PLACE LIFTS NOT TO EXCEED 4" UNCONSOLIDATED LIFT & COMPACT TO 95% MAXIMUM DENSITY PER ASTM D-1557.
- ⑤ TYPICAL SECTION SEE SHEET 18/19, DETAIL 2.
- ⑥ SEE CUL-DE-SAC PROFILE DETAIL THIS SHEET.
- ⑦ END SIDEWALK. CONSTRUCT WHEELCHAIR RAMP PER WSDOT STANDARD PLAN F-3E, TYPE 4B.
- ⑧ CENTERLINE OF COLTON ST. STA= 13+53.67 & CENTERLINE OF COLFAX CT. STA= 10+00.00.
- ⑨ STREET NAME SIGN PER SPOKANE COUNTY STANDARD PLAN A-16.
- ⑩ CONCRETE CROSS GUTTER PER SPOKANE COUNTY STANDARD PLAN B-18.

SPOKANE COUNTY STANDARD NOTES FOR CONSTRUCTION PLANS:

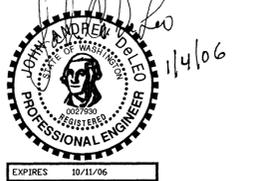
- 1) ALL WORK & MATERIALS SHALL BE IN CONFORMANCE WITH THE 'SPOKANE COUNTY STANDARDS FOR ROAD & SEWER CONSTRUCTION' 2001 & AS AMENDED.
- 2) LOCATION OF EXISTING UTILITIES SHOWN IN THE PLANS ARE APPROXIMATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES. ANY CONFLICTING UTILITIES SHALL BE RELOCATED PRIOR TO CONSTRUCTION OF ROAD & DRAINAGE FACILITIES.
- 3) THE CONTRACTOR IS REQUIRED TO HAVE A COMPLETE SET OF THE APPROVED ROAD & DRAINAGE PLANS ON THE JOB SITE WHENEVER CONSTRUCTION IS IN PROGRESS.
- 4) IF THE CONTRACTOR DISCOVERS ANY DISCREPANCIES BETWEEN THE PLANS & EXISTING CONDITIONS ENCOUNTERED, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE DESIGN ENGINEER & THE SPOKANE COUNTY ENGINEER'S OFFICE.

CURVE TABLE

CURVE	RADIUS	ARC	TANGENT	CHORD	DELTA
C1	200.00	58.00	29.20	57.80	16°36'57"
C2	200.00	149.41	78.38	145.96	42°48'05"
C3	300.00	215.83	112.82	211.20	41°13'13"
C4	300.00	167.00	85.73	164.85	31°53'41"
C7	20.00	27.31	16.26	25.24	78°14'21"
C8	315.50	147.51	75.13	146.17	26°47'18"
C9	20.00	29.77	18.42	27.10	85°17'54"
C10	284.50	184.33	95.53	181.13	37°07'23"
C11	284.50	158.37	81.30	156.33	31°53'41"
C12	216.50	128.48	66.20	126.61	34°00'10"
C13	20.00	27.52	16.44	25.40	78°49'44"
C14	NOT USED				
C15	20.00	27.52	16.44	25.40	78°49'44"
C16	315.50	114.11	57.69	113.49	20°43'25"
C17	30.00	27.57	14.84	26.61	52°39'04"
C18	30.00	27.57	14.84	26.61	52°39'04"
C19	20.00	31.42	20.00	28.28	90°00'00"
C20	20.00	31.42	20.00	28.28	90°00'00"
C21	20.00	31.42	20.00	28.28	90°00'00"
C22	NOT USED				
C23	20.00	31.42	20.00	28.28	90°00'00"
C24	30.00	27.57	14.84	26.61	52°39'04"
C25	30.00	27.57	14.84	26.61	52°39'04"
C26	183.50	178.10	96.77	171.19	55°36'35"



"I HAVE REVIEWED THE CONSTRUCTION AND TO MY KNOWLEDGE FIND IT TO BE IN SUBSTANTIAL CONFORMANCE WITH THE APPROVED CERTIFIED PLANS AND STANDARD SPECIFICATIONS EXCEPT AS NOTED"



CALL BEFORE YOU DIG: 456-8000
CALL 48 HRS. BEFORE EXCAVATION

RECORD DRAWING

SW QTR. S.20, T.27 N., R.43 E., W.M.
SPOKANE COUNTY, WASHINGTON

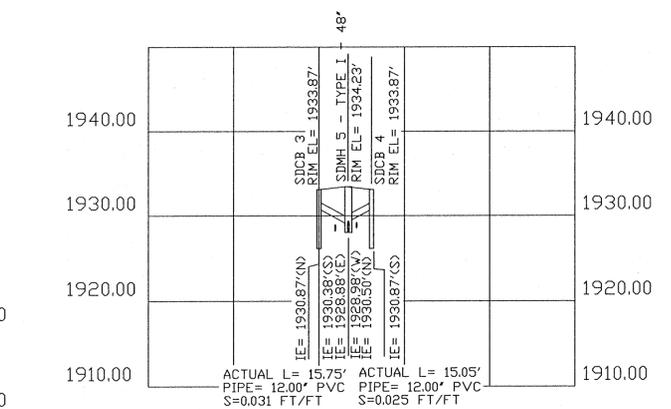
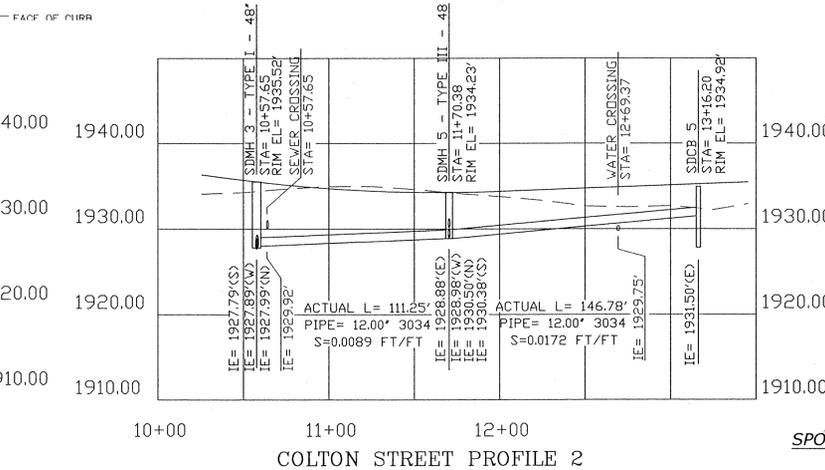
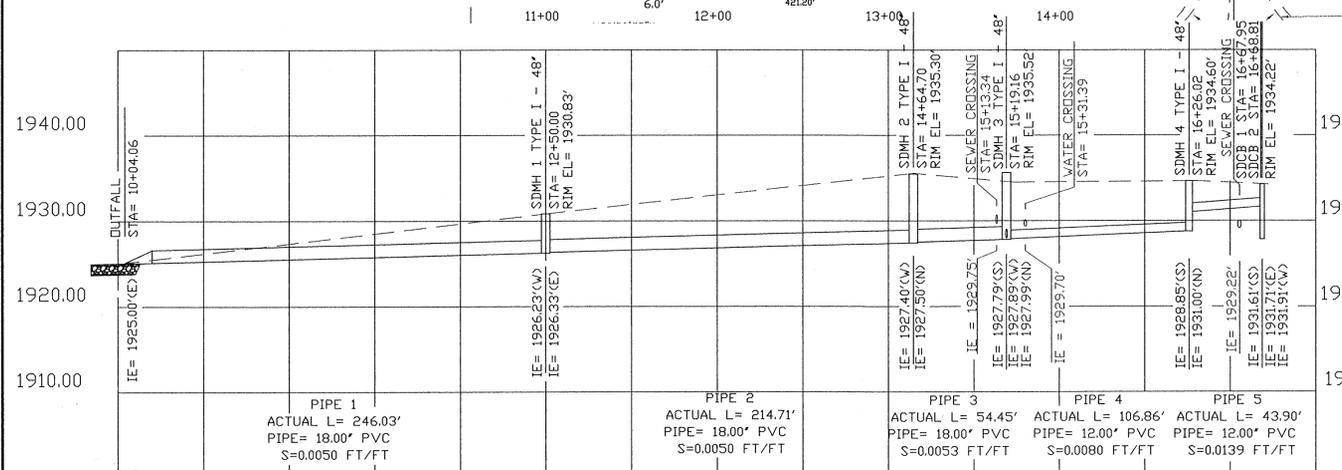
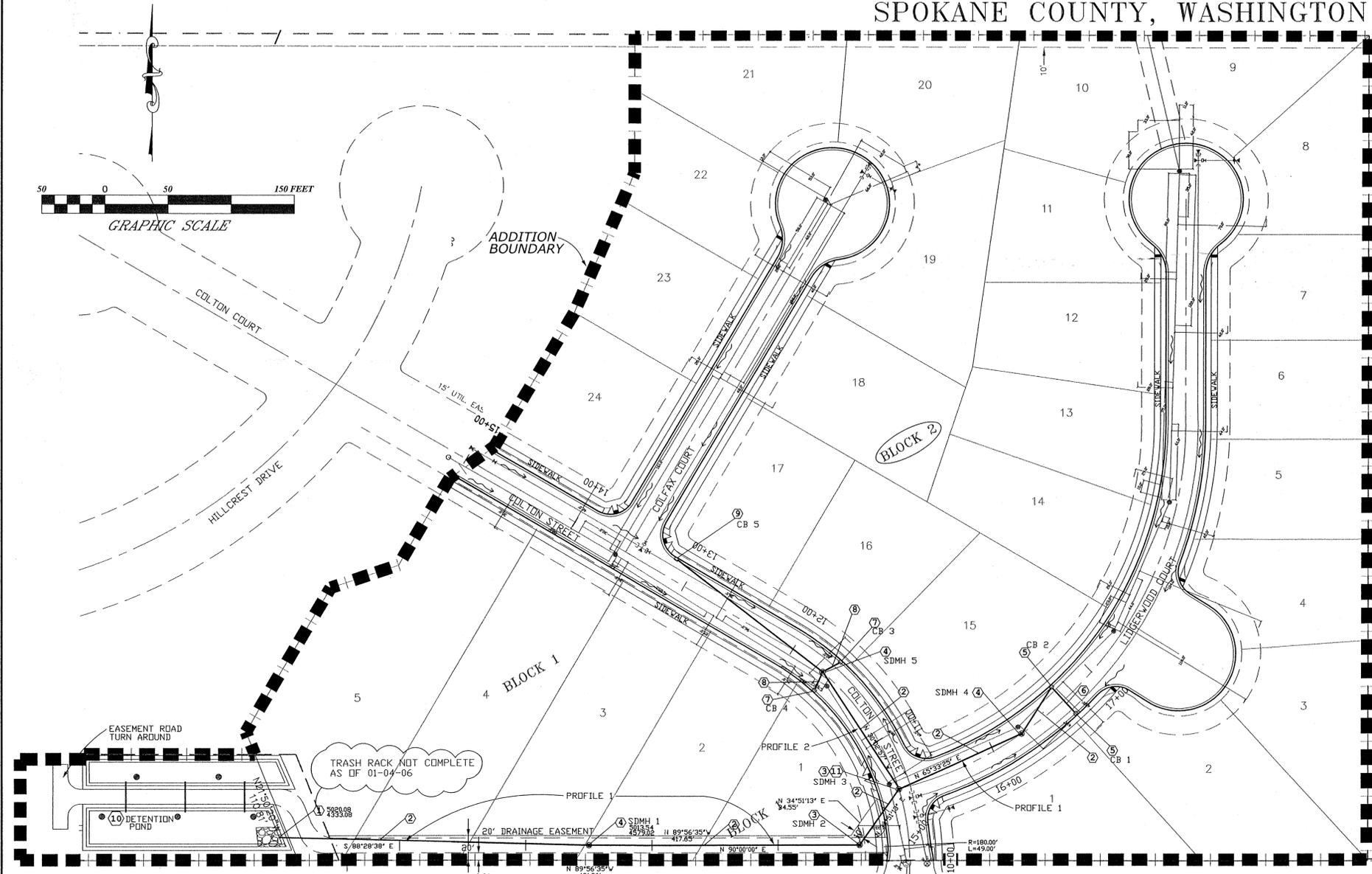
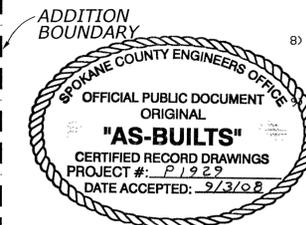
CONSTRUCTION NOTES:

- ① END STORM LINE APPROXIMATELY STA= 10+04.05, IE 1925.0'+. PLACE RIPRAP PER DETAIL, SEE SHEET 16/18, TRANSITION TO D.I. STA 10+20.00'. CONSTRUCT TRASH RACK PER DETAIL SHEET 17/19.
- ② INSTALL PVC STORM PIPE. TRENCH DETAIL SHEET 18/19. ALL STORM LINE SHALL BE AIR TESTED PER SPOKANE COUNTY SPECIFICATIONS.
- ③ INSTALL STORM DRAIN MANHOLE TYPE I - 48", SPOKANE COUNTY STND. PLAN U-2.
- ④ INSTALL STORM DRAIN MANHOLE TYPE III - 48", SPOKANE COUNTY STND. PLAN U-5.
- ⑤ STA. 16+71.84, MATCH LIDGERWOOD CT. LOW POINT, SHEET 10, STA. 11+50.00, TYPE 1 CATCH BASIN, INLET TYPE 2 WITH TYPE 2 METAL FRAME, & TYPE 3 GRATE WITH GRATE GUARD PER SPOKANE COUNTY STANDARD PLANS B-4, B-7, B-11, B-14, & B-17.
- ⑥ INSTALL 31.0± LF OF 12" D.I. STORM PIPE.
- ⑦ MATCH COLTON ST. LOW POINT SHEET 9, STA. 11+65.38, TYPE 1 CATCH BASIN WITH TYPE 2 METAL FRAME, & TYPE 3 GRATE WITH GRATE GUARD PER SPOKANE COUNTY STANDARD PLANS B-4, B-7, B-11, B-14, & B-17.
- ⑧ INSTALL 13.0± LF OF 12" D.I. STORM PIPE EACH WAY.
- ⑨ STA. 13+16.20, INSTALL STORM DRAIN CATCH BASIN TYPE 1 WITH TYPE 1 METAL FRAME, & TYPE 1 GRATE WITH GRATE GUARD PER SPOKANE COUNTY STANDARD PLANS B-4, B-7, B-10, B-13, & B-17.
- ⑩ SEE SHEET 16/18 DETAILS FOR DETENTION POND LAYOUT.
- ⑪ STORM MANHOLE 3, STORM LINE STA. 15+22.60, MATCH CENTERLINE COLTON STREET STA. 10+57.68.

SPOKANE COUNTY STANDARD NOTES FOR CONSTRUCTION PLANS:

- 1) ALL WORK & MATERIALS SHALL BE IN CONFORMANCE WITH THE 'SPOKANE COUNTY STANDARDS FOR ROAD & SEWER CONSTRUCTION' 2001 & AS AMENDED.
- 2) LOCATION OF EXISTING UTILITIES SHOWN IN THE PLANS ARE APPROXIMATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES. ANY CONFLICTING UTILITIES SHALL BE RELOCATED PRIOR TO CONSTRUCTION OF ROAD & DRAINAGE FACILITIES.
- 3) THE CONTRACTOR IS REQUIRED TO HAVE A COMPLETE SET OF THE APPROVED ROAD & DRAINAGE PLANS ON THE JOB SITE WHENEVER CONSTRUCTION IS IN PROGRESS.
- 4) IF THE CONTRACTOR DISCOVERS ANY DISCREPANCIES BETWEEN THE PLANS & EXISTING CONDITIONS ENCOUNTERED, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE DESIGN ENGINEER & THE SPOKANE COUNTY ENGINEER'S OFFICE.
- 5) FOR CONSTRUCTION OF DRYWELLS, INSTALL FILTER FABRIC (AMCO 4545 OR APPROVED EQUIVALENT) BETWEEN THE DRYWELL BARREL & THE WASHED DRAIN ROCK, & BETWEEN THE WASHED DRAIN ROCK & NATIVE SOILS.
- 6) PRIOR TO SITE CONSTRUCTION, THE CONTRACTOR IS RESPONSIBLE FOR LOCATING UNDERGROUND UTILITIES. CALL THE UNDERGROUND UTILITY LOCATION SERVICE AT 456-8000 BEFORE YOU DIG.
- 7) FOR ANY CURB GRADES LESS THAN 0.8% (0.008 FT/FT), A WASHINGTON STATE LICENSED PROFESSIONAL LAND SURVEYOR SHALL VERIFY THAT THE CURB FORMS ARE AT THE GRADES NOTED ON THE APPROVED PLANS. PRIOR TO PLACEMENT OF CURB MATERIAL, THE CONTRACTOR IS RESPONSIBLE FOR ARRANGING & COORDINATING WORK WITH THE PROFESSIONAL LAND SURVEYOR.
- 8) THE CONTRACTOR SHALL EMPLOY A LICENSED SURVEYOR TO VERIFY THAT THE GROSS GUTTER FORMS ARE AT THE CORRECT PLANE GRADE PRIOR TO CONCRETE PLACEMENT. THE GROSS GUTTERS SHALL BE CONSTRUCTED PRIOR TO PAVING, & THE PAVEMENT SHALL THEN MATCH THE EDGE OF CONCRETE.

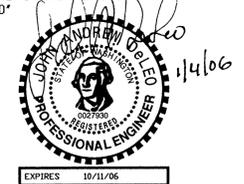
THE FLOOR OF A GRASSED PROTECTION AREA (GPA) SWALE INCLUDES THE LEVEL PORTION OF THE FLOOR OF THE SWALE, & THE SIDE SLOPES OF THE SWALE UP TO THE GPA OVERFLOW ELEVATION OR TOP OF DRYWELL. THE SOIL LOCATED IN THE FLOOR OF THE GPA SWALE SHALL BE A MINIMUM INFILTRATION RATE OF 0.5 INCHES PER HOUR. THE ENGINEER SHALL PROVIDE A WRITTEN STATEMENT WHICH VERIFIES THAT ALL GPA SWALES CONFORM TO THIS REQUIREMENT. THIS WRITTEN STATEMENT SHALL BE SUBMITTED TO THE SPOKANE COUNTY ENGINEER'S OFFICE PRIOR TO INSTALLING FINISHED LANDSCAPE/SOD & PRIOR TO FINAL ACCEPTANCE. THE SWALE FLOOR SHALL BE INSTALLED TO A NATIVE SOIL STRATUM WHICH ALSO MEETS OR EXCEEDS THIS MINIMUM PERCOLATION RATE OF 0.5 INCHES PER HOUR.



SPONSOR'S ACKNOWLEDGMENT

MR. ROD V. PLESE
PROJECT SPONSOR'S REPRESENTATIVE

I HAVE REVIEWED THE CONSTRUCTION AND TO MY KNOWLEDGE FIND IT TO BE IN SUBSTANTIAL CONFORMANCE WITH THE APPROVED CERTIFIED PLANS AND STANDARD SPECIFICATIONS EXCEPT AS NOTED.



RECORD DRAWING

DELEO & ASSOCIATES, INC.
14015 E. 12th AVENUE, SPOKANE VALLEY, WA 99037
(509)-922-4973 Fax (509) 928-8872

PROJECT WESTWOOD VILLAGE ADDITION SUBDIVISION
PLAT NO. PN 1929-03

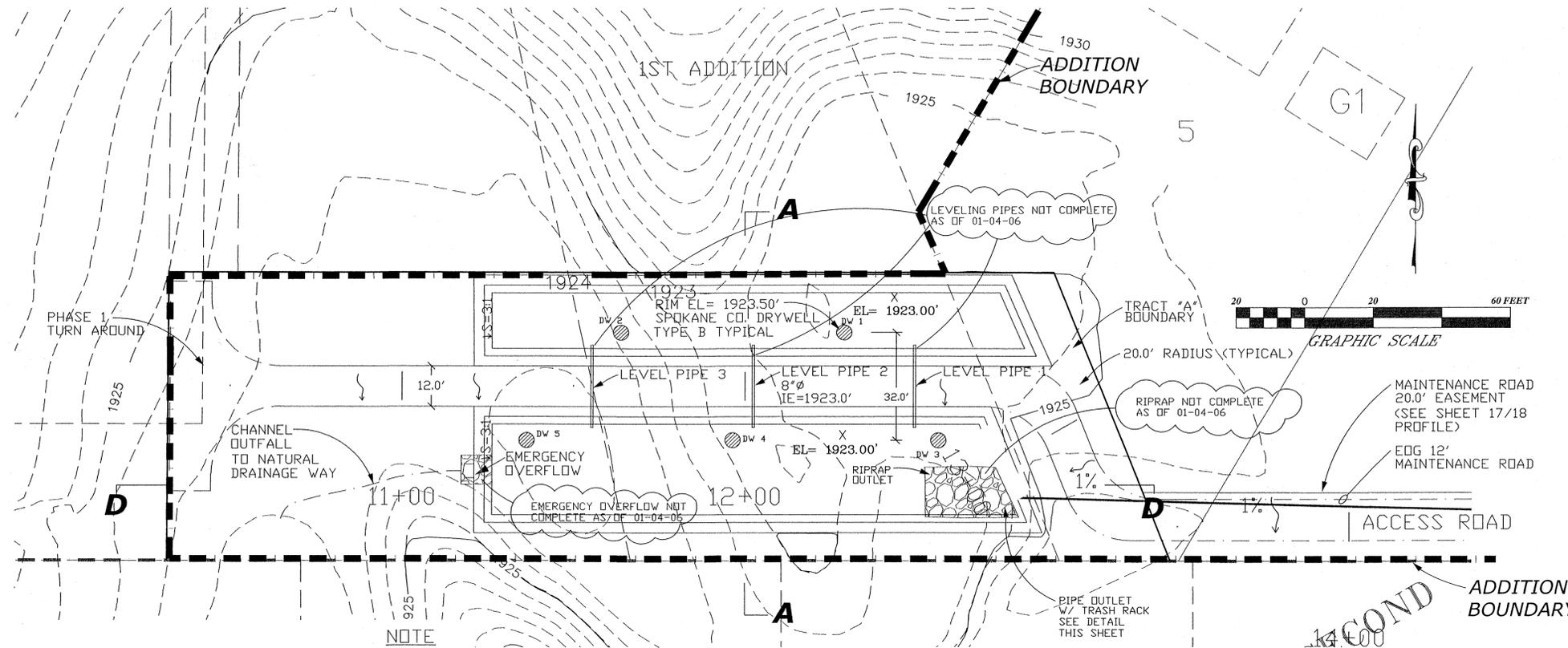
STORM LINE
COLTON STREET & LIDGERWOOD COURT
15/19

CALL BEFORE YOU DIG: 456-8000
CALL 48 HRS. BEFORE EXCAVATION

DRAWN BY: TPD
DATE: 10-20-04
PROJECT NO. PGGR0301

APPROVED BY: JAD
PROJECT NAME: WESTWOOD VILLAGE ADDITION SUBDIVISION

P. 1929 Eng'rs Built



RIPRAP: RIPRAP SHALL BE FREE OF ROCK FINES, SOIL, OR OTHER EXTRANEIOUS MATERIALS. RIPRAP SHALL MEET THE REQUIREMENTS 9-13.6 FOR QUARRY SPALLS (100 % PASSING 12") OF THE WSDOT STANDARD SPECIFICATION FOR ROADS, BRIDGES, & MUNICIPAL CONSTRUCTION SECTION. MINIMUM d_{10} = 9 INCHES, RIPRAP THICKNESS SHALL BE A MINIMUM OF 14" AT PIPE OUTFALL.

DRYWELL: DRYWELL SHALL BE PER SPOKANE COUNTY STANDARD PLAN B-1. METAL FRAME & GRATE SHALL BE PER SPOKANE COUNTY STANDARD PLAN B-15, TYPE 4. NON-BIODEGRADABLE FILTER FABRIC. THE FABRIC SHALL BE AMOCO 4551 OR EQUIVALENT.

GEOTEXTILE FABRIC: POLYMERIC FIBERS FORMED INTO A FABRIC OF NON-WOVEN TYPE. FABRIC SHALL BE FREE OF ANY TREATMENT OR COATING WHICH MIGHT SIGNIFICANTLY ALTER ITS PHYSICAL PROPERTIES AMOCO PRODUCT 4551 OR EQUIVALENT. OVERLAP GEOTEXTILE 2 FEET AT SEAMS.

SEED: CONTRACTOR SHALL SUBMIT CERTIFIED SEED INSPECTION CERTIFICATE INDICATING VARIETY, PURITY & % GERMINATION.

DRY LAND, ROADSIDE SEED MIX: SHALL BE AS FOLLOWS: GRASS SEED: 10% PERENNIAL RYE 20% DURAR HARD FESCUE 45% COVAR SHEEP FESCUE 15% REUBENS CANADIAN BLUEGRASS APPLICATION RATE: 90 LBS PER ACRE. FERTILIZER: SHALL BE OF STANDARD COMMERCIAL GRADE MEETING THE FOLLOWING FORMULATION: FERTILIZER: 16-16-16 TIMED RELEASED COMPOSITION. APPLICATION RATE: 300 LBS PER ACRE. BACKFILL AREAS TO CONTOURS & ELEVATIONS WITH THE SPECIFIED MATERIALS.

BACKFILL & EMBANKMENT: BACKFILL TO SUB GRADE ELEVATION & DEPTHS AS INDICATED IN THE DRAWINGS OR TO MATCH SURROUNDING GRADES. SPECIAL CARE SHALL BE TAKEN TO ASSURE THE COMPLETE COMPACTION AROUND THE HAUNCHES OF ANY PIPE INSTALLED. BEDDING MATERIAL SHALL BE PLACED IN THE TRENCH FOR ITS FULL WIDTH ON EACH SIDE OF THE PIPE SIMULTANEOUSLY. SYSTEMATICALLY BACKFILL TO ALLOW MAXIMUM TIME FOR COMPACTION & SETTLEMENT. DO NOT BACKFILL OVER POROUS, WET, FROZEN OR SPONGY SUB GRADE SURFACES. WHERE REQUIRED, OR AS DIRECTED BY THE ENGINEER. PLACE GEOTEXTILE MATERIAL BETWEEN SUB GRADE & BACKFILL MATERIALS. PLACEMENT OF GEOTEXTILE SHALL BE AS INDICATED IN THE DRAWINGS OR AS DIRECTED BY THE ENGINEER. BACKFILL OVER-EXCAVATED AREAS WITH STRUCTURAL FILL MATERIAL & COMPACT AS SPECIFIED. BACKFILL IN MAXIMUM 8" LIFT (LOOSE PLACEMENT).

RIPRAP: FURNISH RIPRAP, EXCAVATE NATIVE MATERIAL TO A DEPTH MATCHING RIPRAP THICKNESS, SCARIFY & COMPACT 12" OF NATIVE MATERIAL, PLACE FILTER FABRIC, PLACE RIPRAP OF THE TYPE SPECIFIED AT THE LOCATIONS SHOWN IN THE PLANS TO THE REQUIRED LINES & GRADES OR AS ESTABLISHED IN THE FIELD. PLACEMENT OF RIPRAP SHALL BE AS SPECIFIED IN SECTION 8-15 RIPRAP OF THE WSDOT STANDARD SPECIFICATIONS FOR ROADS, BRIDGES, & MUNICIPAL CONSTRUCTION. PUNCTURED GEOTEXTILE SHALL BE REPLACED.

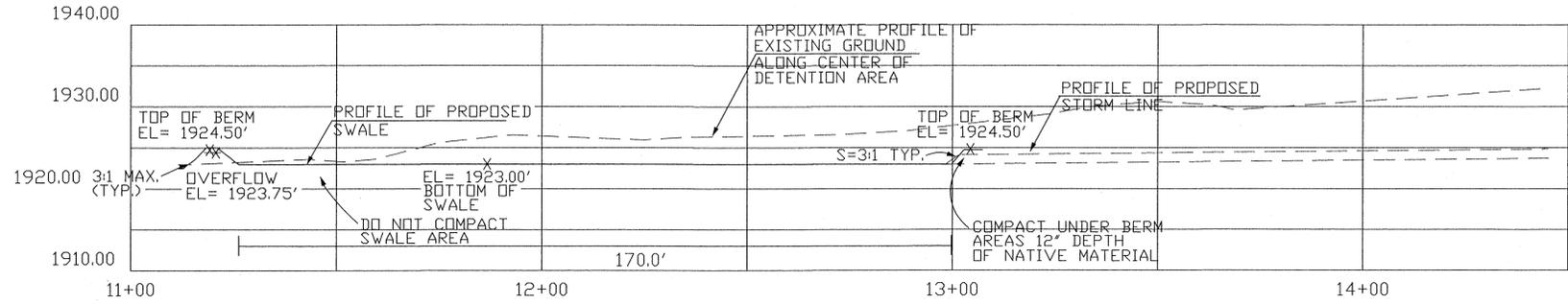
COMPACTION: FIELD TESTING WILL BE PERFORMED BY THE OWNER'S REPRESENTATIVE. COMPACTION TESTING WILL BE PERFORMED IN ACCORDANCE WITH ANSI/ASTM D1557 MODIFIED PROCTOR, & ASTM D2922 NUCLEAR TEST METHODS. IF TESTS INDICATE WORK DOES NOT MEET SPECIFIED REQUIREMENTS, REMOVE WORK, REPLACE & RETEST AT CONTRACTORS EXPENSE. FREQUENCY OF TESTS SHALL BE DETERMINED BY THE OWNER'S REPRESENTATIVE. MINIMUM TEST FREQUENCIES ARE ESTABLISHED BY SPOKANE COUNTY, INCREASED FREQUENCY MAY BE REQUIRED BY OWNERS REPRESENTATIVE.

FILL UNDER LANDSCAPED AREAS: FILL NATIVE MATERIAL, MAXIMUM 8" LIFT (LOOSE PLACEMENT) COMPACTED TO 90% 6 INCHES BELOW FINISH GRADE, & BORROW FILL, MAXIMUM 8" LIFT (LOOSE PLACEMENT) COMPACTED TO 90% OF MAXIMUM DENSITY AS DETERMINED BY ASTM D1557.

LEVELING PIPE: 8" PVC C-900, BEVELED TO MATCH SLOPE. COMPACT SUBGRADE UNDER PIPE. APPROXIMATE LENGTH 25' EACH.

EMBANKMENT: COMPACT TO 95% OF MAXIMUM DENSITY.

1. HYDRASEED ALL DISTURBED AREAS, (EXCEPT ROAD) WITH DRYLAND, ROADSIDE SEED MIXTURE.



D-D SWALE PROFILE

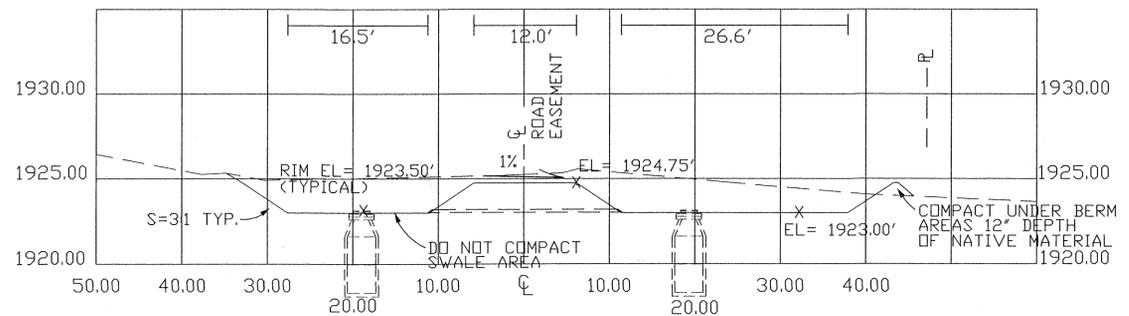
SCALE: 1" = 20'

DRYWELL STATION & OFFSET

DW 1	STA 12+28.83	-16.0	LT
DW 2	STA 11+63.84	-16.0	LT
DW 3	STA 12+56.38	16.0	RT
DW 4	STA 11+96.38	16.0	RT
DW 5	STA 11+36.38	16.0	RT
DW 6	STA 11+08.84	-16.0	LT
DW 7	STA 10+68.84	-16.0	LT
DW 8	STA 10+91.91	16.0	RT
DW 9	STA 10+51.91	16.0	RT

LEVELING PIPES STATION

PIPE 1	STA 12+49.40
PIPE 2	STA 12+02.40
PIPE 3	STA 11+55.40



CROSS-SECTION A - A

STA = 12+00

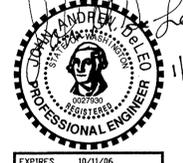
SCALE: 1" = 10'



SPONSOR'S ACKNOWLEDGMENT

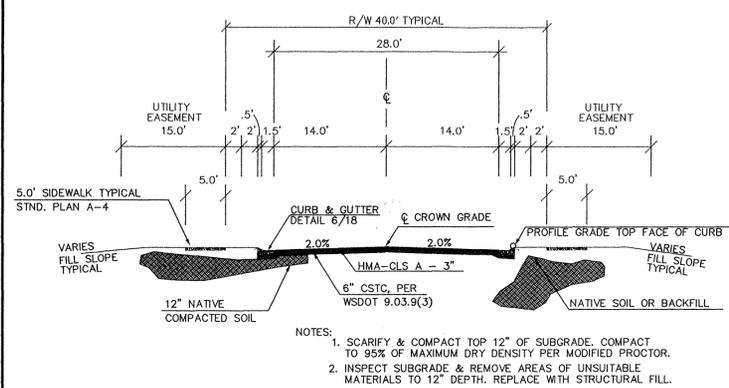
MR. ROD V. PLESE
PROJECT SPONSOR'S REPRESENTATIVE

"I HAVE REVIEWED THE CONSTRUCTION AND TO MY KNOWLEDGE FIND IT TO BE IN SUBSTANTIAL CONFORMANCE WITH THE APPROVED CERTIFIED PLANS AND STANDARD SPECIFICATIONS EXCEPT AS NOTED"

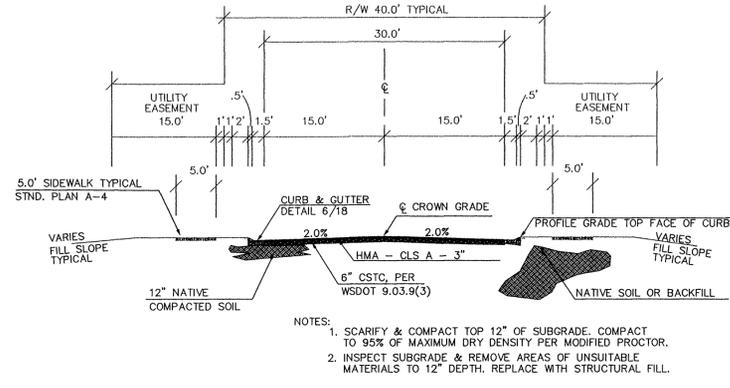


CALL BEFORE YOU DIG: 456-8000
CALL 48 HRS. BEFORE EXCAVATION

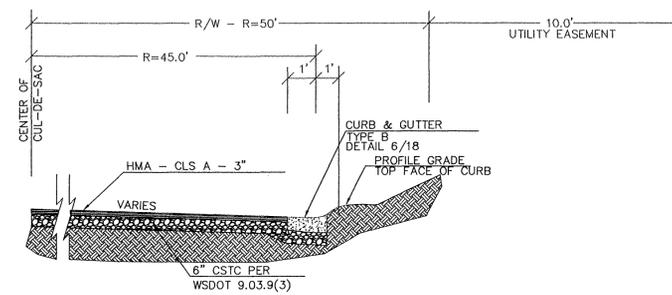
RECORD DRAWING



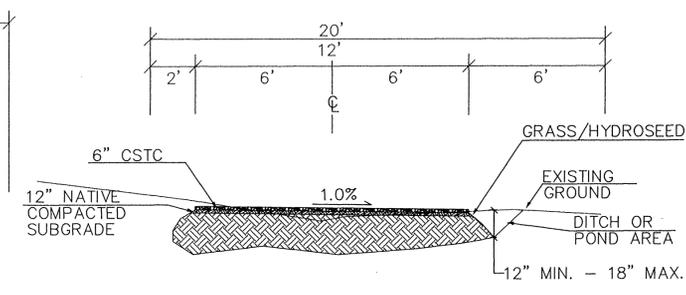
1
18
DETAIL - TYPICAL 28.0' SECTION
NTS LIDGERWOOD COURT, & COLFAX COURT



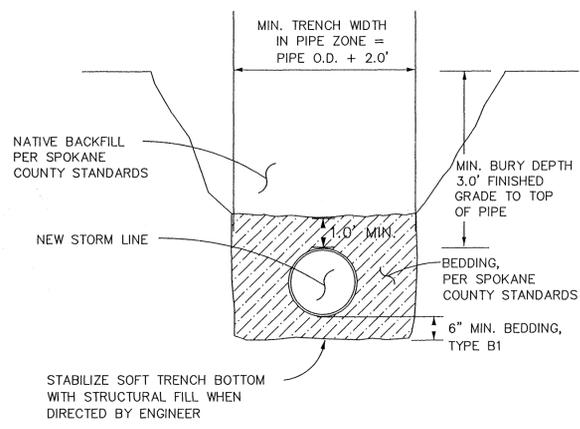
2
18
DETAIL - TYPICAL 30.0' SECTION
NTS COLTON STREET



3
18
DETAIL - TYPICAL CUL-DE-SAC
NTS LIDGERWOOD COURT, COLFAX COURT



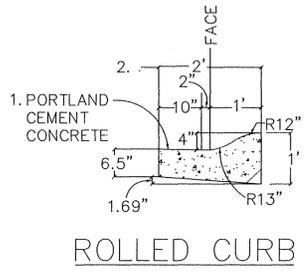
4
18
DETAIL - CROSS-SECTION ACCESS ROAD
NTS



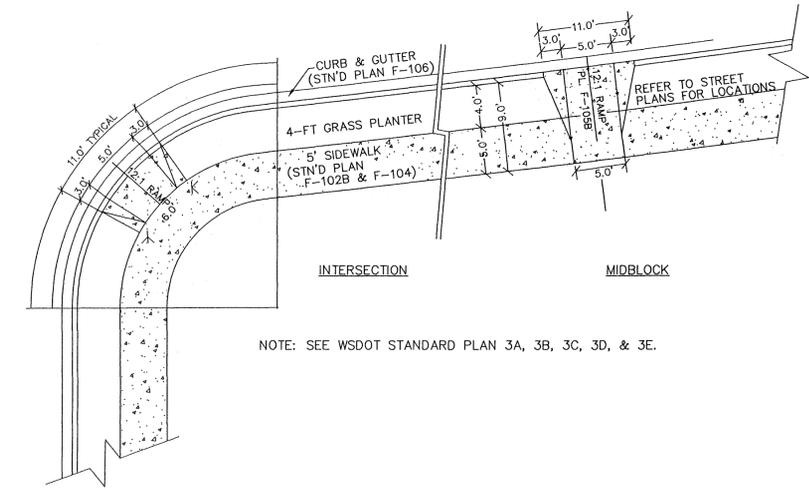
5
18
TYPICAL PVC STORM LINE
TRENCH DETAIL
NTS

GENERAL NOTES

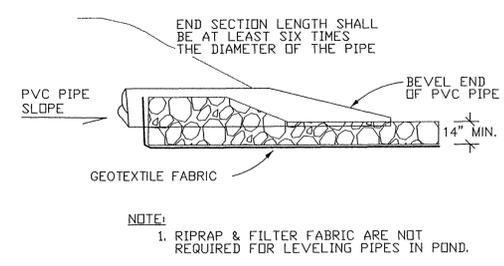
1. PORTLAND CEMENT SHALL BE CLASS 3000 CONFORMING TO THE STANDARD SPECIFICATION.
2. WEAKENED PLANE JOINTS FOR PORTLAND CEMENT CONCRETE SHALL BE PLACED AT 15' INTERVALS.
3. 3/8" EXPANSION JOINTS IN PORTLAND CEMENT CONCRETE SHALL BE PLACED AT CURB RETURNS.
4. CURBS SHALL HAVE LIGHT BROOMED FINISH. GUTTERS SHALL BE FINISHED WITH A STEEL TROWEL.



6
18
DETAIL - ROLLED CURB
NTS



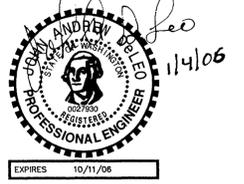
7
18
DETAIL - TYPICAL CURB RAMP & SIDEWALK
NTS



8
18
DETAIL - PVC PIPE BEVELED END
RIPRAP & FILTER FABRIC
NTS



"I HAVE REVIEWED THE CONSTRUCTION AND TO MY KNOWLEDGE FIND IT TO BE IN SUBSTANTIAL CONFORMANCE WITH THE APPROVED CERTIFIED PLANS AND STANDARD SPECIFICATIONS EXCEPT AS NOTED"

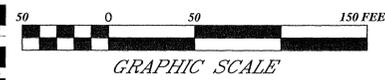
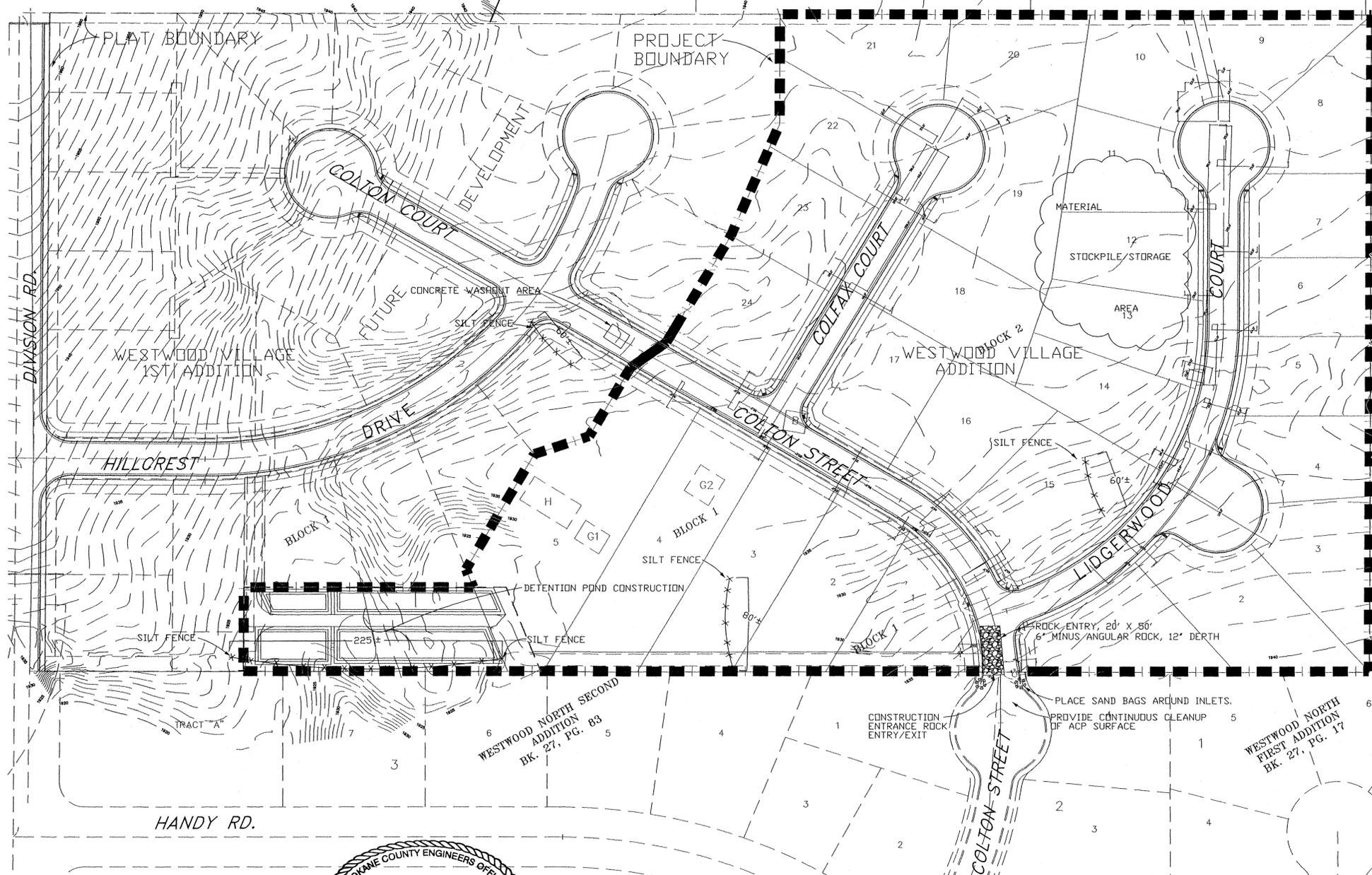


RECORD DRAWING

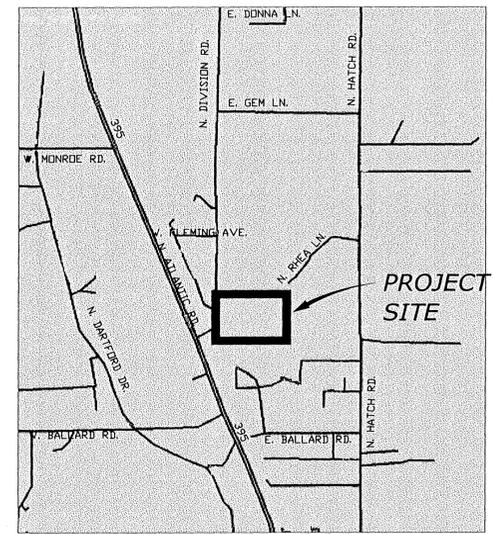
P. 1929 Eng. As. Built

SW QTR. S.20, T.27 N., R.43 E., W.M.
SPOKANE COUNTY, WASHINGTON

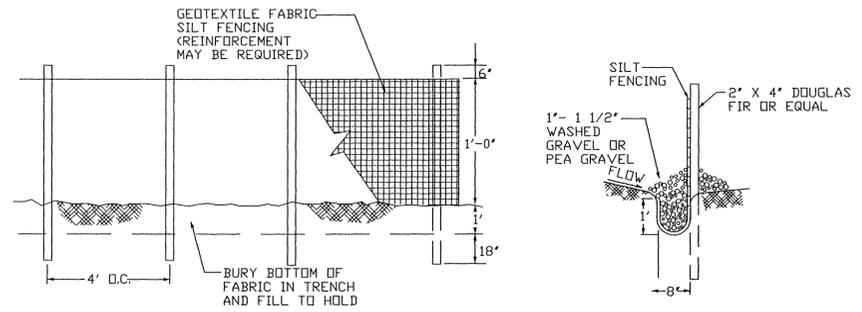
SP 82-199
BK. 2, PGS. 41-42



PROJECT BOUNDARY & LIMITS OF CLEARING



VICINITY MAP
N.T.S.



SILT FENCE DETAIL
NTS

5. THE CONTRACTOR SHALL BEAR FULL RESPONSIBILITY FOR TEMPORARY WATER POLLUTION CONTROL IN ALL SOURCES OF MATERIAL, DISPOSAL SITES, AND HAUL ROADS. NO STORM, GROUND, OR WATER OF ANY KIND SHALL BE PUMPED, DRAINED, OR OTHERWISE DISPERSED INTO THE DOWNSTREAM STORM SYSTEM.
6. APPROVAL OF THE ESC PLAN DOES NOT CONSTITUTE APPROVAL OF ANY OF THE PROPOSED ROAD, STORM DRAINAGE, GRADING, OR UTILITY DESIGN ELEMENTS SHOWN ON THE ESC PLAN.
7. THE EROSION/SEDIMENTATION CONTROL MEASURES SHOWN ARE THE MINIMUM REQUIREMENTS FOR THE ANTICIPATED SITE CONDITIONS. THE CONTRACTOR SHALL INSPECT & MAINTAIN THESE ESC MEASURES DAILY, & SHALL MAINTAIN & UPGRADE THESE MEASURES AS NECESSARY TO PREVENT SEDIMENT-LADEN WATER FROM EITHER FLOWING OFF THE SITE, OR INTO NEW/EXISTING STORM DRAINAGE FACILITIES, SUCH AS DRY WELLS, CULVERTS, OR GRAVEL GALLERIES.
8. THE CONTRACTOR/DEVELOPER IS RESPONSIBLE FOR INSTALLING ROCK CONSTRUCTION ENTRIES AT ANY & ALL LOCATIONS USED TO ENTER OR EXIT THE PROJECT SITE. REMOVE BEFORE PLACING ROAD SURFACE.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLATION AND MAINTENANCE OF ALL TEMPORARY EROSION CONTROL MEASURES.
10. SEDIMENT BARRIERS SHALL BE INSPECTED, CLEANED AND REPAIRED AFTER EACH RUNOFF EVENT. REMOVE ALL SEDIMENT AND DEPOSIT ON SITE AFTER SEDIMENT BARRIERS ARE NO LONGER REQUIRED.
11. CONTRACTOR SHALL NOT REMOVE TEMPORARY ESC MEASURES UNTIL 30 DAYS AFTER THE SITE IS STABILIZED. ALL DISTURBED SOIL SHALL BE PERMANENTLY STABILIZED.
12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING DIRT, MUD AND OTHER CONSTRUCTION DEBRIS WHICH MAY ACCUMULATE ON PAVED STREETS ADJACENT TO THE SITE AS A RESULT OF CONSTRUCTION ACTIVITY. CLEANING SHALL BE ON AN "AS NEEDED" BASIS USING WATER UNDER PRESSURE. SWEEPING AND WATER SHALL BE USED WHEN WATER PRESSURE ALONE WILL NOT WASH THE CONSTRUCTION DEBRIS FROM THE STREET.
13. GEOTEXTILE FABRIC IS TO BE PLACED ON RIMS OF DRYWELLS, CATCH BASINS, & INLETS UNTIL SUCH TIME THE VEGETATION ON THE SITE IS ESTABLISHED & THREAT OF SEDIMENT DEPOSITION INTO THE DRAINAGE SYSTEM IS MITIGATED.

EROSION CONTROL INFORMATION

OWNER:	PLESE, GRAHAM, GEORGIAN, PARTNERSHIP, LLC, OWNER
CONTACT PERSON:	SCOTT DALE
ADDRESS:	18121 N. DIVISION, COLBERT, WA.
LEGAL DESCRIPTION:	N 1/2 OF NW 1/4, S. 20, T. 27 N., R. 43 E., W.M.
PREPARER:	JOHN DELEO, PE
PROJECT:	WESTWOOD VILLAGE ADDITION APPROXIMATELY 11 ACRE SUBDIVISION.
ESC MEASURES:	SILT FENCES PLACED IN NATURAL DRAWS. ROCK ENTRY, INLET SANDBAGS.
EXISTING VEGETATION:	BARE SOIL, UNDERBRUSH & NATIVE GRASSES, REMOVED.
WATER BODIES:	NONE
ON SITE SOILS:	HAGEN & BONNER
DATE OF PLAN:	DECEMBER 09, 2004

SPOKANE COUNTY EROSION CONTROL NOTES:

1. AN EROSION CONTROL (ESC) PLAN IS REQUIRED FOR THIS PROJECT. IMPLEMENTATION OF THE ESC PLAN, & CONSTRUCTION, MAINTENANCE, & UPGRADING OF THE ESC FACILITIES ARE THE RESPONSIBILITY OF THE DEVELOPER UNTIL ALL CONSTRUCTION IS COMPLETED & ACCEPTED BY SPOKANE COUNTY, OR UNTIL VEGETATION IS ESTABLISHED THROUGHOUT THE SITE, & ACCEPTED BY SPOKANE COUNTY, WHICHEVER IS LATER.
2. DUST CONTROL SHALL BE ACCOMPLISHED USING WATER OR APPROVED DUST PALLIATIVE. DUST CONTROL SHALL BE CONDUCTED DURING ALL CONSTRUCTION ACTIVITY.
3. THE CONTRACTOR SHALL DO NO CLEARING AND GRUBBING OR EARTHWORK BEFORE THE EROSION CONTROL PLAN HAS BEEN APPROVED BY THE COUNTY ENGINEER.
4. EROSION CONTROL: CONTROLLING POLLUTION, EROSION, RUN-OFF, AND RELATED DAMAGE MAY REQUIRE THE CONTRACTOR TO PERFORM TEMPORARY WORK ITEMS INCLUDING BUT NOT LIMITED TO:
 - A. PROVIDING DITCHES, BERMS, CULVERTS, AND OTHER MEASURES TO CONTROL SURFACE WATER.
 - B. BUILDING DAMS, SETTLING BASINS, ENERGY DISSIPATORS, AND OTHER MEASURES TO CONTROL DOWNSTREAM FLOWS.
 - C. CONTROLLING UNDERGROUND WATER FOUND DURING CONSTRUCTION.
 - D. COVERING OR OTHERWISE PROTECTING SLOPES UNTIL PERMANENT EROSION CONTROL MEASURES ARE WORKING.



PROJECT SPONSOR
PLESE, GRAHAM, GEORGIAN, PARTNERSHIP, LLC.
PLESE REALTY
201 W. FRANCIS
SPOKANE, WA 99205
PHONE: 1-509-489-2323
FAX: 1-509-489-3333

SURVEYOR:
JAMES F. BENTHIN & ASSOCIATES
1004 N. ATLANTIC ST.
SPOKANE, WA 99201-2209
PHONE: 1-509-325-4529
FAX: 1-509-325-4520

ENGINEER:
DELEO & ASSOCIATES
14015 E. 12th AVE.
SPOKANE, WA 99037
PHONE: 1-509-922-4973
FAX: 1-509-926-6672

SPONSOR'S ACKNOWLEDGMENT

MR. ROD V. PLESE
PROJECT SPONSOR'S REPRESENTATIVE

PREPARER'S CERTIFICATION
THIS ESC PLANS MEETS THE REQUIREMENTS AS AS LISTED IN CHAPTER 4.5 OF THE SPOKANE COUNTY STORMWATER MANAGEMENT GUIDELINES.

JOHN DELEO, PE

CALL BEFORE YOU DIG: 456-8000, CALL 48 HRS. BEFORE EXCAVATION

RECORD DRAWING



"I HAVE REVIEWED THE CONSTRUCTION AND TO MY KNOWLEDGE FIND IT TO BE IN SUBSTANTIAL CONFORMANCE WITH THE APPROVED CERTIFIED PLANS AND STANDARD SPECIFICATIONS EXCEPT AS NOTED"

P.1929 Eng As-Built