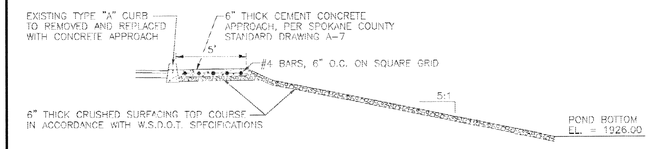
Todd Whipple for Bob Finch
DEVELOPER'S APPROVAL

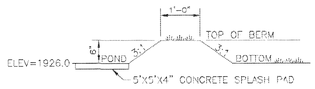
8-19-98
DATE

SEC. 20, T.27 N., R.43 E.,W.M.
SPOKANE COUNTY, WASHINGTON

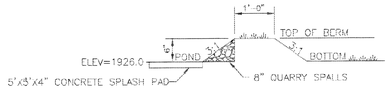
UNDERGROUND SERVICE ALERT
ONE-CALL NUMBER
456-8000
CALL TWO BUSINESS DAYS BEFORE YOU DIG



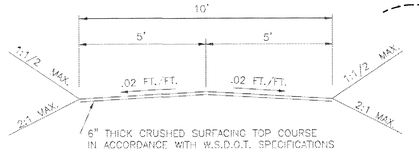
SECTION B
NOT TO SCALE



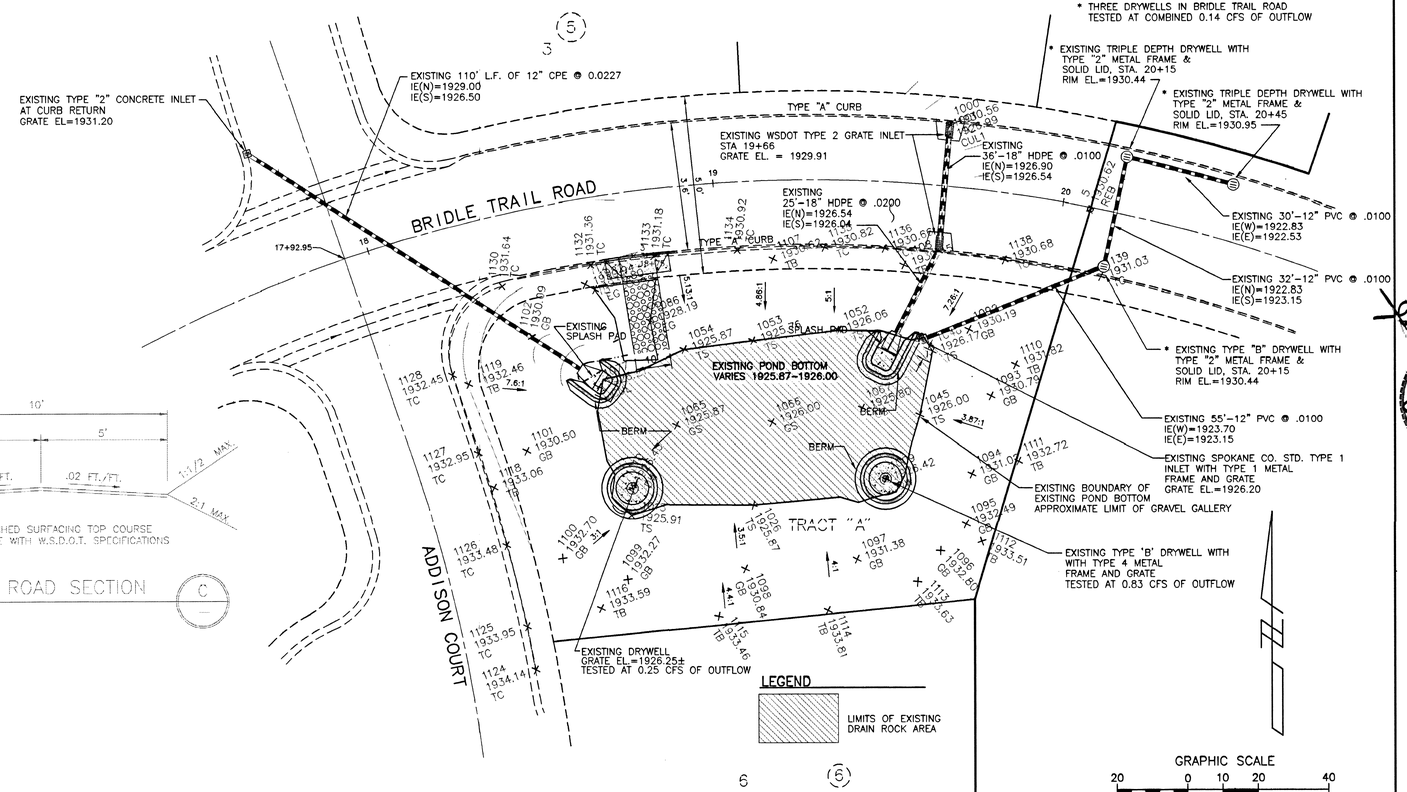
BERM DETAIL 1
NOT TO SCALE

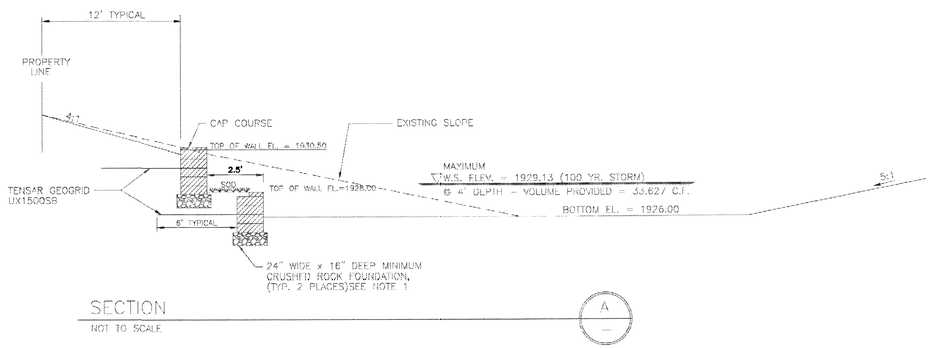


BERM DETAIL 2
NOT TO SCALE



GRAVEL ACCESS ROAD SECTION C
NOT TO SCALE

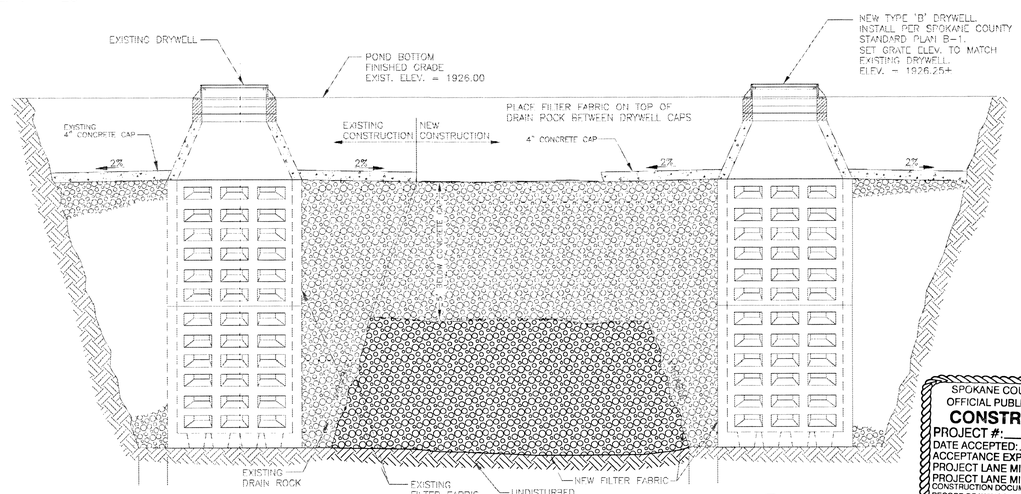




SECTION A
NOT TO SCALE

REVISED RETENTION POND DETAIL

SCALE: 1" = 20'



SECTION D
NOT TO SCALE

DRYWELL AND GRAVEL SEQUENCE OF CONSTRUCTION

1. PRECONSTRUCTION MEETING AT INLAND PACIFIC ENGINEERING (458-6840, TODD WHIPPLE, P.E.) WITH ENGINEER AND CONTRACTOR. CONTRACTOR SHALL PREPARE AND SUBMIT A SCHEDULE OF WORK FOR APPROVAL TO ENGINEER AND SPOKANE COUNTY.
2. EXCAVATE POND BOTTOM AREA FOR NEW DRYWELL AND DRAIN ROCK TO LIMITS SHOWN. REMOVE EXISTING DRAIN ROCK AS REQUIRED. CONTRACTOR SHALL MAKE EVERY EFFORT TO PRESERVE THE EXIST. DRYWELL CAP. MAXIMUM DEPTH FOR DRAIN ROCK SHALL BE 5' BELOW DRYWELL CAP AND ENCOMPASS THE ENTIRE POND BOTTOM AREA.
3. PLACE FILTER FABRIC OVER OUTER SURFACE OF EXCAVATED AREA.
4. SET NEW DRYWELL IN PLACE AND BACKFILL WITH GRAVEL AND COMPACT PER SPOKANE COUNTY STANDARD PLAN B-1. APPROXIMATE QUANTITY OF ROCK: (6,750)(5)/27 = 1,250 CUBIC YARDS. **ACTUAL QUANTITY OF ROCK PLACED = 1300 C.Y.**
5. POUR CONCRETE CAP FOR NEW DRYWELL AND REPAIR EXISTING DRYWELL CAP IF NECESSARY.
6. INSTALL FILTER FABRIC ON TOP OF DRAIN ROCK, BETWEEN THE DRYWELL CAPS.
7. BACKFILL WITH NATIVE MATERIAL ABOVE DRAIN ROCK AND DRYWELL CAPS WITH CLEAN TOP SOIL.
8. REPLACE SOD AND IRRIGATION SYSTEM AS REQUIRED.
9. CONTACT ENGINEER'S OFFICE FOR DRYWELL TESTING AFTER CONSTRUCTION IS COMPLETE.

THE DESIGN IMPROVEMENTS SHOWN IN THIS SET OF PLANS AND CALCULATIONS CONFORM TO APPLICABLE EDITIONS OF THE SPOKANE COUNTY STANDARDS FOR ROAD AND SEWER CONSTRUCTION AND THE SPOKANE COUNTY GUIDELINES FOR STORMWATER MANAGEMENT. ALL DESIGN DEVIATIONS HAVE BEEN APPROVED BY THE SPOKANE COUNTY ENGINEER. I APPROVE THESE PLANS FOR CONSTRUCTION.

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #: P1624A
DATE ACCEPTED: 8-26-98
ACCEPTANCE EXPIRES: 8-26-99
PROJECT LANE MILES PUBLIC: —
PROJECT LANE MILES PRIVATE: —
CONSTRUCTION DOCUMENTATION AND CERTIFIED RECORD DRAWINGS, "AS BUILTS" ARE REQUIRED PRIOR TO COUNTY ACCEPTANCE AND ESTABLISHMENT OF THE ROADS AND DRAINAGE FACILITIES FOR MAINTENANCE.
PERMIT REQUIRED! (509) 456-3600
NOTIFY PERMIT ENGINEER 2 BUSINESS DAYS PRIOR TO CONSTRUCTION

NO.	DATE	BY	REVISIONS

TODD L. WHIPPLE
STATE OF WASHINGTON
16243
REGISTERED PROFESSIONAL ENGINEER
EXPIRES 9/24/98

DATE: 8/18/98
DRAWN BY: JFC, SKM, MLH
DESIGNED BY: TRW, SPS, SKM
CHECKED BY: TRW

SCALE:
HORIZONTAL: 1" = 20'
VERTICAL: N.A.

INLAND PACIFIC ENGINEERING
707 West 7th • Suite 200
Spokane, WA 99204
(509) 458-6840
FAX: (509) 458-6844

WESTWOOD ESTATES NO. 2-PHASE II
REVISED RETENTION POND
DRAINAGE

SHEET 1 OF 1
JOB NUMBER 97038

1624-A

97038\DWG\PONDTOPO

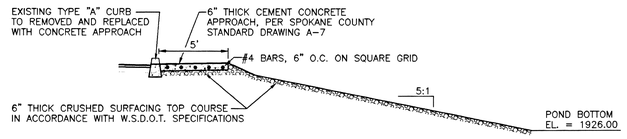
u:\backprog\97038\DWG\PONDTOPO Tue Aug 18 15:12:38 1998

DEVELOPER'S APPROVAL

10/7/97
DATE

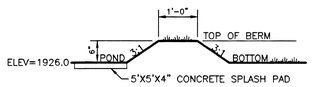
SEC. 20, T.27 N., R.43 E.,W.M.
SPOKANE COUNTY, WASHINGTON

UNDERGROUND SERVICE ALERT
ONE-CALL NUMBER
456·8000
CALL TWO BUSINESS DAYS BEFORE YOU DIG



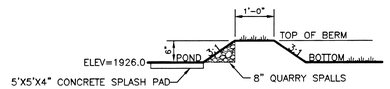
SECTION (B)

NOT TO SCALE



BERM DETAIL (1)

NOT TO SCALE

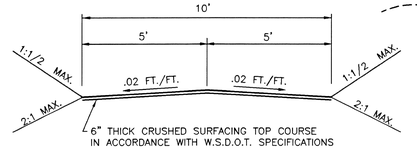


BERM DETAIL (2)

NOT TO SCALE

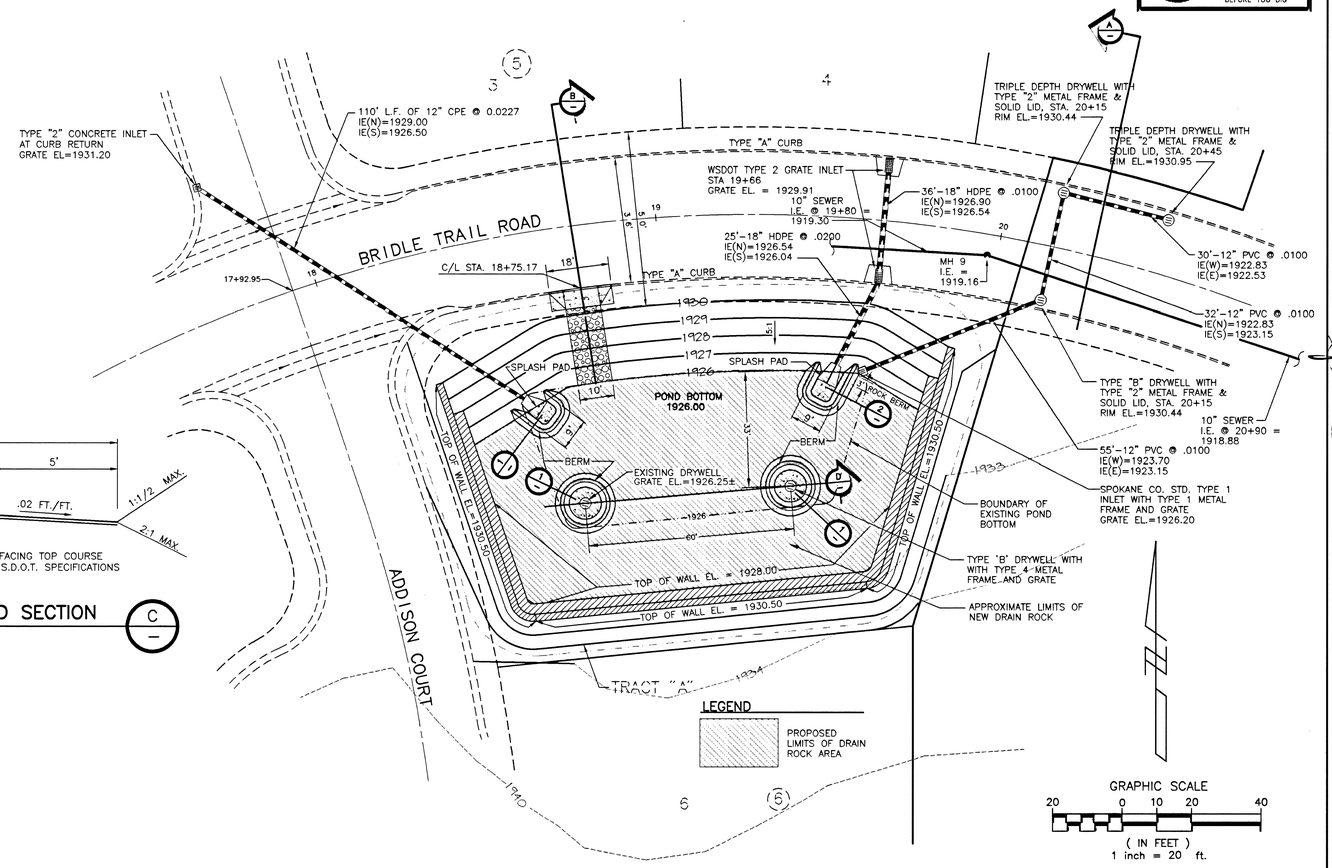
KEYSTONE RETAINING WALL NOTES:

1. COMPACTED GRAVEL FOUNDATION, COMPACTED TO AT LEAST 95% MODIFIED PROCTOR MAXIMUM, SHALL BE PLACED UPON A COMPACTED, FIRM & UNYIELDING SUBGRADE. GRAVEL FOUNDATION TO CONSIST OF "CLEAN", GAP GRADED, CRUSHED ROCK WITH LESS THAN 3% PASSING THE U.S. #200 SIEVE.
2. REINFORCED BACKFILL MUST BE COMPACTED TO A MIN. OF 92% MODIFIED PROCTOR.
3. CONSTRUCT PER MANUFACTURER'S RECOMMENDATIONS
4. CONTRACTOR TO SUBMIT CONSTRUCTION, SEQUENCING PLAN, AND A COPY OF MANUFACTURER'S CONSTRUCTION GUIDELINES TO THE SPOKANE COUNTY ENGINEERING DEPARTMENT AND INLAND PACIFIC ENGINEERING FOR APPROVAL PRIOR TO CONSTRUCTION.
5. WALL INSPECTION DURING CONSTRUCTION & CERTIFICATION TO INLAND PACIFIC ENGINEERING AT WALL CONSTRUCTION COMPLETION REQUIRED FOR RETAINING WALL BY THE CONTRACTOR AND/OR ENGINEER/GEOTECHNICAL ENGINEER. ANY UNAPPROVED DEVIATION FROM THE PLANS BY THE CONTRACTOR WILL RESULT IN NO CERTIFICATION BY INLAND PACIFIC ENGINEERING. FOUNDATION SUBGRADE MUST BE INSPECTED AND TESTED BY INLAND PACIFIC ENGINEERING PRIOR TO INSTALLATION OF CRUSHED ROCK FOUNDATION. CALL INLAND PACIFIC ENGINEERING (458-6840 ASK FOR JERRY PETERSON) 24 HOURS IN ADVANCE TO SCHEDULE INSPECTION.
6. ALL UNITS ARE STANDARD KEYSTONE – 8"x18"x24" UNITS EXCEPT TOP CAP



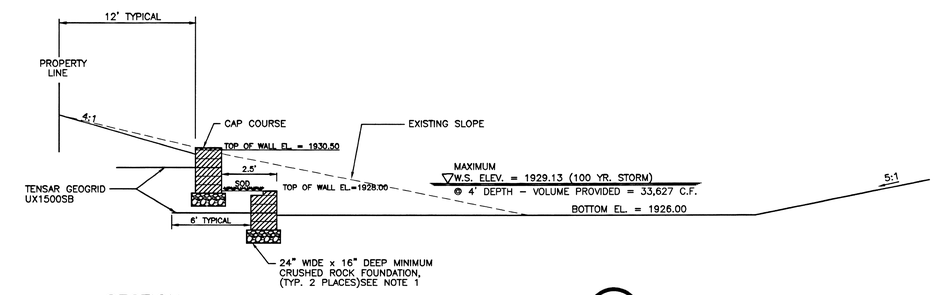
GRAVEL ACCESS ROAD SECTION (C)

NOT TO SCALE



REVISED RETENTION POND DETAIL

SCALE: 1" = 20'



SECTION (A)

NOT TO SCALE

DRYWELL AND GRAVEL SEQUENCE OF CONSTRUCTION

1. PRECONSTRUCTION MEETING AT INLAND PACIFIC ENGINEERING (458-6840, TODD WHIPPLE, P.E.) WITH ENGINEER AND CONTRACTOR. CONTRACTOR SHALL PREPARE AND SUBMIT A SCHEDULE OF WORK FOR APPROVAL TO ENGINEER AND SPOKANE COUNTY.
2. EXCAVATE POND BOTTOM AREA FOR NEW DRYWELL AND DRAIN ROCK TO LIMITS SHOWN. REMOVE EXISTING DRAIN ROCK AS REQUIRED. CONTRACTOR SHALL MAKE EVERY EFFORT TO PRESERVE THE EXIST. DRYWELL CAP. MAXIMUM DEPTH FOR DRAIN ROCK SHALL BE 5' BELOW DRYWELL CAP AND ENCOMPASS THE ENTIRE POND BOTTOM AREA.
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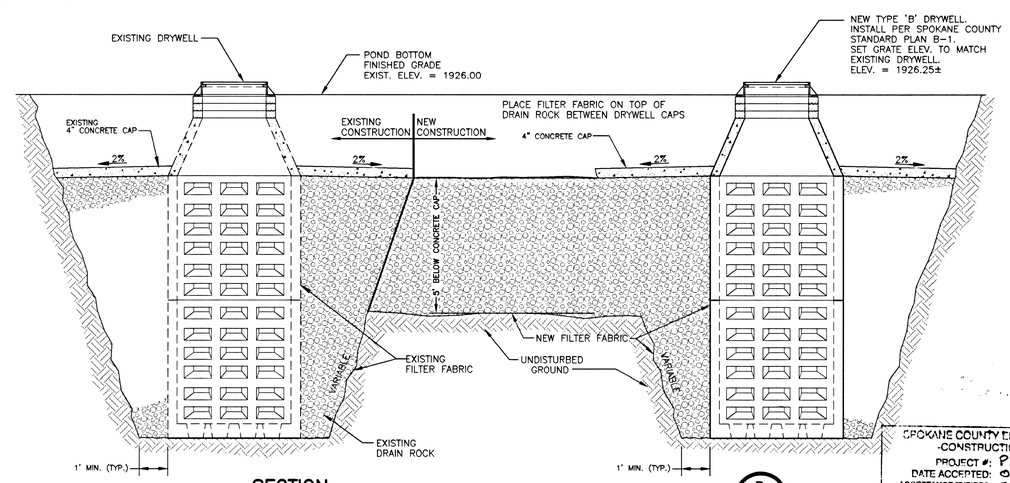


SECTION (D)

NOT TO SCALE

THE DESIGN IMPROVEMENTS SHOWN IN THIS SET OF PLANS AND CALCULATIONS CONFORM TO APPLICABLE EDITIONS OF THE SPOKANE COUNTY STANDARDS FOR ROAD AND SEWER CONSTRUCTION AND THE SPOKANE COUNTY GUIDELINES FOR STORMWATER MANAGEMENT. ALL DESIGN DEVIATIONS HAVE BEEN APPROVED BY THE SPOKANE COUNTY ENGINEER. I APPROVE THESE PLANS FOR CONSTRUCTION.

SPOKANE COUNTY ENGINEERS OFFICE
-CONSTRUCTION PLANS-
PROJECT #: P1624A
DATE ACCEPTED: OCT. 8, 1997
ACCEPTANCE EXPIRES: OCT. 8, 1998
CONSTRUCTION DOCUMENTATION AND CERTIFIED RECORD DRAWINGS ARE REQUIRED PRIOR TO COUNTY ACCEPTANCE AND ESTABLISHMENT OF THE ROADS AND DRAINAGE FACILITIES FOR MAINTENANCE

NO.	DATE	BY	REVISIONS

EXPIRES 9/24/98

DATE: 10/07/97
DRAWN BY: RLM2 MLH JFC
DESIGNED BY: TRW SPS SKM
CHECKED BY: TRW

SCALE:
HORIZONTAL: 1" = 20'
VERTICAL: N.A.

INLAND PACIFIC ENGINEERING
707 West 7th • Suite 200 Spokane, WA 99204
(509) 458-6840 FAX: (509) 458-6844

WESTWOOD ESTATES NO. 2-PHASE II
REVISED RETENTION POND

DRAINAGE

SHEET 1 OF 2
JOB NUMBER 97038

97038\DWG\REpond1A

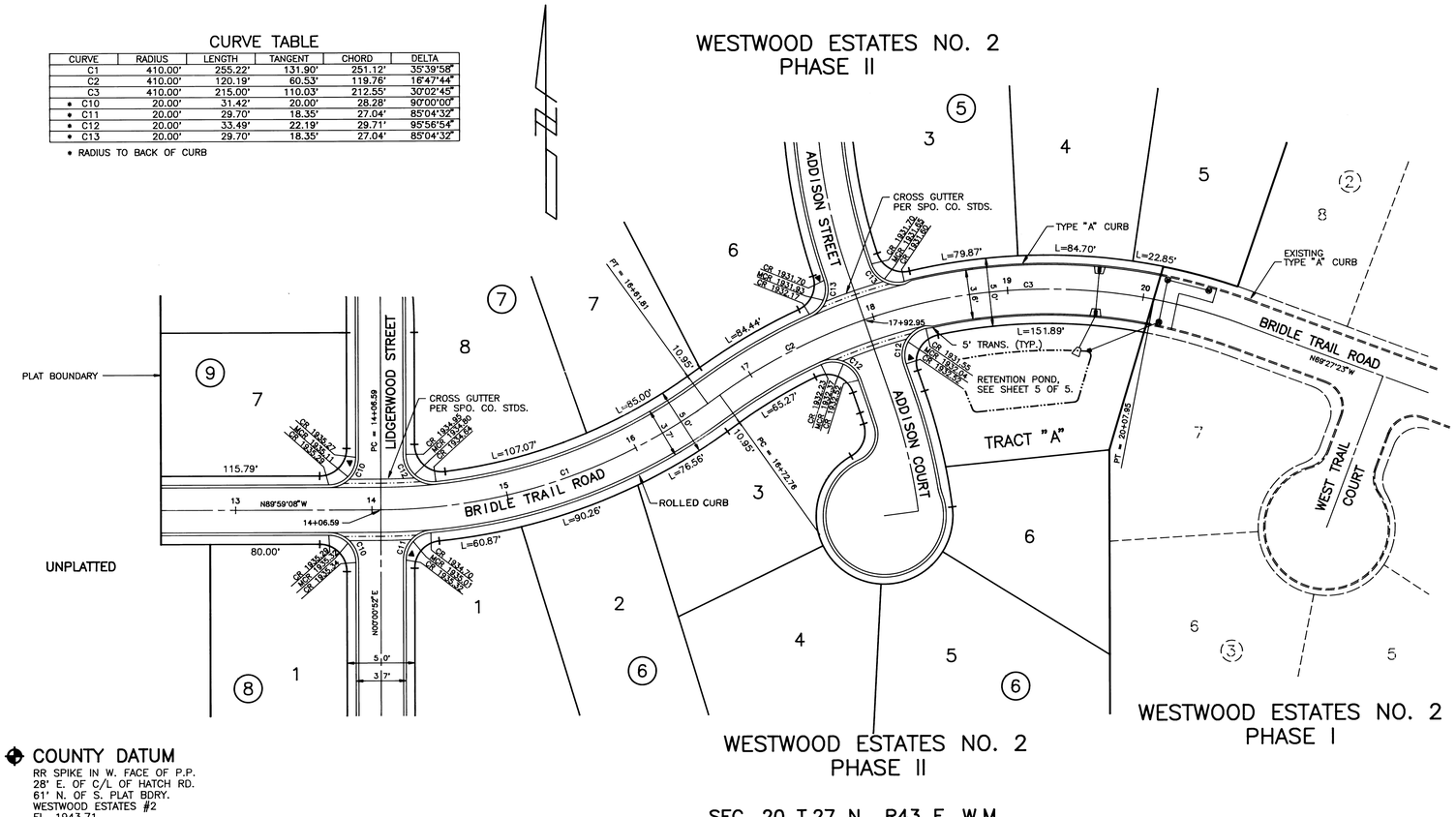
1:\WORK\PLAT\97038\DRAWING\ Tue Oct 07 13:06:55 1997

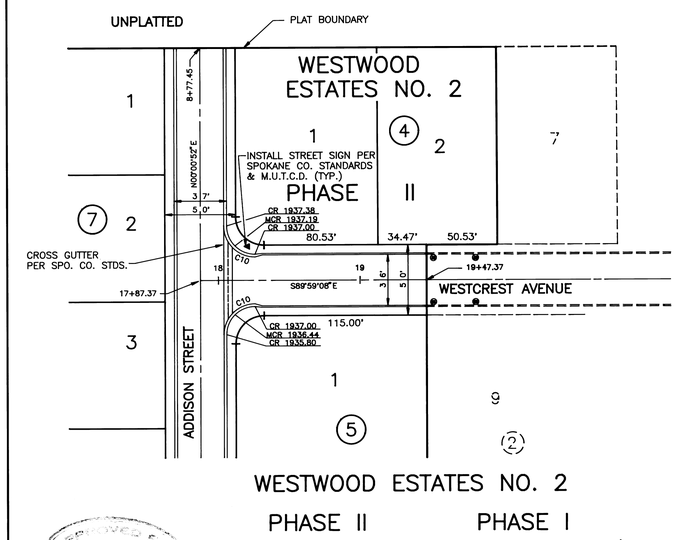
1624A FOV.

CURVE TABLE

CURVE	RADIUS	LENGTH	TANGENT	CHORD	DELTA
C1	410.00'	255.22'	131.90'	251.12'	35°39'58"
C2	410.00'	120.19'	60.53'	119.76'	16°47'44"
C3	410.00'	215.00'	110.03'	212.55'	30°02'45"
• C10	20.00'	31.42'	20.00'	28.28'	90°00'00"
• C11	20.00'	29.70'	18.35'	27.04'	85°04'32"
• C12	20.00'	33.49'	22.19'	29.71'	95°56'54"
• C13	20.00'	29.70'	18.35'	27.04'	85°04'32"

• RADIUS TO BACK OF CURB





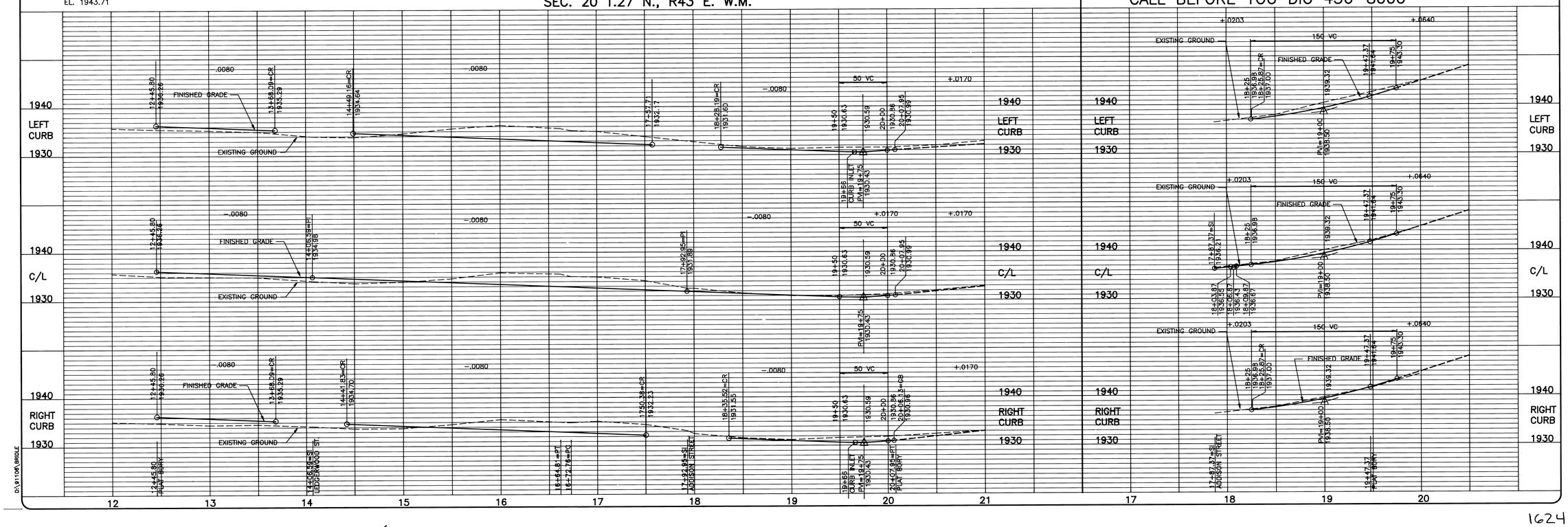
APPROVED FOR CONSTRUCTION
SPOKANE COUNTY ENG
6-18-93
PERMIT REQUIRED!
NOTIFY THE COUNTY ENGINEER
456-8000

DEVELOPERS APPROVAL 1/8/93 DATE

COUNTY DATUM
RR SPIKE IN W. FACE OF P.P.
28' E. OF C/L OF HATCH RD.
61' N. OF S. PLAT BDRY.
WESTWOOD ESTATES #2
EL. 1943.71

SEC. 20 T.27 N., R43 E. W.M.

CALL BEFORE YOU DIG 456-8000



SCALE
HORIZONTAL 1"=50'
VERTICAL 1"=10'

DATE 1/6/93
DWN. BAH
CHK. SPS,EWC
APP. RLM

NO.	DATE	BY	REVISIONS

RICHARD L. MASON
STATE OF WASHINGTON
REGISTERED PROFESSIONAL ENGINEER

INLAND PACIFIC ENGINEERING
South 25 Altamont Spokane, Washington 99202
(509) 535-1410

WESTWOOD ESTATES NO. 2, PHASE II
BRIDLE TRAIL – 10+50 TO 20+07.95
WESTCREST AVE. – 17+87.37 TO 19+47.37
STREET

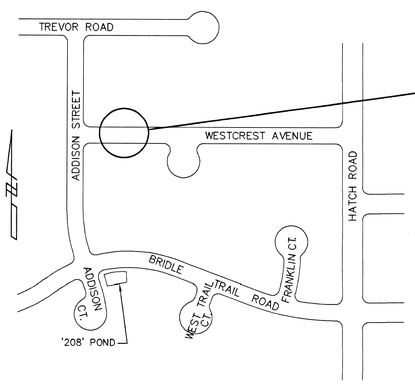
SHEET 1 OF 5
JOB NUMBER 91106

D:\91106\BRIDLE

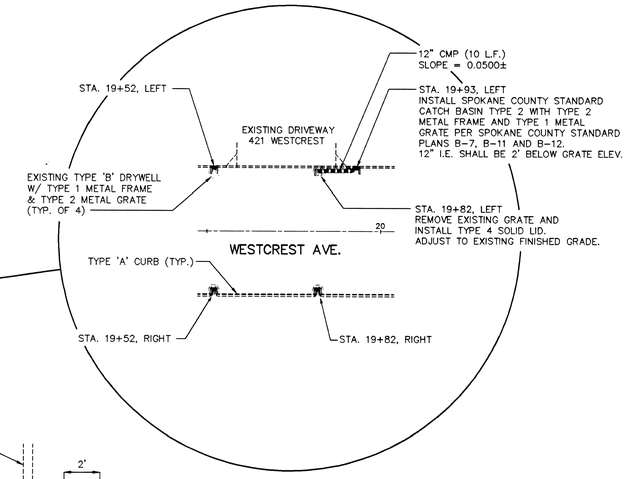
1624 A

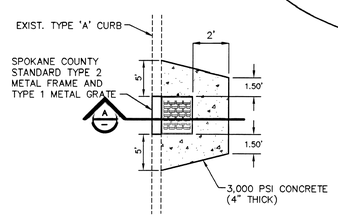
SEC. 20, T.27 N., R.43 E.,W.M.
SPOKANE COUNTY, WASHINGTON

UNDERGROUND SERVICE ALERT
ONE-CALL NUMBER
456-8000
CALL TWO BUSINESS DAYS BEFORE YOU DIG

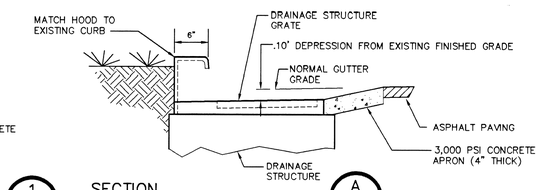


VICINITY MAP

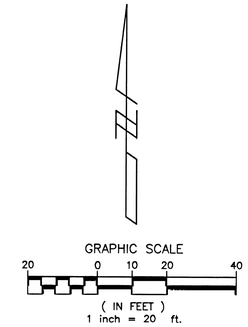




DEPRESSION DETAIL 1
NOT TO SCALE



SECTION A
NOT TO SCALE



GENERAL NOTES:

1. ALL WORK AND MATERIALS SHALL BE IN CONFORMANCE WITH THE "SPOKANE COUNTY STANDARDS FOR ROAD AND SEWER CONSTRUCTION 1995", AND AS AMENDED.
2. THE CONTRACTOR IS REQUIRED TO HAVE A VALID CONSTRUCTION PERMIT ON SITE AT ALL TIMES. THE ABSENCE OF THE PERMIT WILL RESULT IN AN IMMEDIATE SHUTDOWN OF WORK AND THE POSSIBLE REMOVAL OF THOSE ITEMS CONSTRUCTED WITHOUT THE PERMIT.
3. LOCATIONS 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 AND DRAINAGE FACILITIES.
4. THE CONTRACTOR IS REQUIRED TO HAVE A COMPLETE SET OF THE ACCEPTED ROAD AND DRAINAGE PLANS ON THE JOB SITE WHENEVER CONSTRUCTION IS IN PROGRESS.
5. IF THE CONTRACTOR DISCOVERS ANY DISCREPANCIES BETWEEN THE PLANS AND EXISTING CONDITIONS ENCOUNTERED, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE DESIGN ENGINEER, TODD WHIPPLE, @ 458-6840, THE SITE/PROJECT INSPECTING ENGINEER OR HIS REPRESENTATIVE, I.P.E.C. BRUCE HOWARD @ 458-6840 AND THE SPOKANE COUNTY ENGINEER'S OFFICE, CONSTRUCTION ENGINEER, JIM RADKE, P.E. @ 456-3600.
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. THE CONTRACTOR SHALL MAKE AN EFFORT TO PROTECT ALL CATCH BASINS AND DRYWELLS FROM BEING CONTAMINATED WITH SILT DURING CONSTRUCTION. IN THE EVENT THAT SILT OR OTHER DELETERIOUS MATERIAL IS ALLOWED TO ENTER THE DRYWELLS OR CATCH BASINS THE CONTRACTOR WILL BE REQUIRED TO CLEAN THE DRYWELL OR CATCH BASIN OUT TO THE SATISFACTION OF THE CERTIFYING ENGINEER.

SITE SPECIFIC NOTES:

1. SAWCUT AND REMOVE TYPE 'A' CURB AND ASPHALT AS REQUIRED TO INSTALL EACH TYPE 2 METAL FRAME & TYPE 1 METAL GRATE. GRATE ELEVATIONS MUST BE SET .10' BELOW EXISTING FINISHED GRADE.
2. REMOVE ALL (4) TYPE 1 METAL FRAMES AND TYPE 2 METAL GRATES.
3. REMOVE SILT AND DEBRIS FROM ALL FOUR TYPE 'B' DRYWELLS. EACH DRYWELL SHALL BE COMPLETELY CLEAN AND FREE OF ANY DEBRIS.
4. GRIND EXISTING ASPHALT IN FRONT OF DRIVEWAY IN SUCH A MANNER TO OBTAIN A 1" DROP FROM EDGE OF DRIVEWAY CONCRETE TO EDGE OF PAVEMENT. SEE SPOKANE COUNTY STANDARD PLAN A-4 AND ON-SITE ENGINEER FROM "INLAND PACIFIC ENGINEERING".
5. ALL GRATE ELEVATIONS SHALL BE .10' BELOW EXISTING FINISHED GRADE OR .60' BELOW ADJACENT TOP OF CURB, WHICHEVER IS DEEPER.
6. REMOVE PORTIONS OF DRYWELL RING(S) AS REQUIRED TO INSTALL HOOD & GRATE SO THAT THERE IS NO OBSTRUCTION OF WATER FLOW. IT WILL BE NECESSARY TO FORM NEW CONCRETE BETWEEN DRYWELL RING(S) AND METAL FRAME SO THAT ALL DRAINAGE FLOWS INTO DRYWELL IN A FLUENT MANNER AS EACH FRAME IS OFFSET IN ONE DIRECTION OR ANOTHER FROM CENTER OF DRYWELL.
7. AT STA. 19+82, LEFT, CORE DRILL AT BASE OF DRYWELL CONE A HOLE LARGE ENOUGH TO ACCOMMODATE 12" CMP AND GROUTING.
8. ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THIS PLAN AND DIRECTION GIVEN BY THE ENGINEER. THE ENGINEER'S DECISION SHALL SUPERSEDE ANY AND ALL OF THIS PLAN IF ANY UNFORESEEN CONDITIONS ARISE DURING CONSTRUCTION.

SPOKANE COUNTY ENGINEERS OFFICE
-CONSTRUCTION PLANS-
PROJECT #: 91624 A
DATE ACCEPTED: OCT. 8, 1997
ACCEPTANCE EXPIRES: OCT. 8, 1998
CONSTRUCTION DOCUMENTATION AND CERTIFIED RECORD DRAWINGS ARE REQUIRED PRIOR TO COUNTY ACCEPTANCE AND ESTABLISHMENT OF THE ROADS AND DRAINAGE FACILITIES FOR MAINTENANCE.

DEVELOPER'S APPROVAL

10/7/97
DATE

NO.	DATE	BY	REVISIONS

EXPIRES 9/24/98

DATE: 10/07/97
DRAWN BY: JFC
DESIGNED BY: JFC
CHECKED BY: TRW

SCALE:
HORIZONTAL: 1"=20'
VERTICAL: N.A.

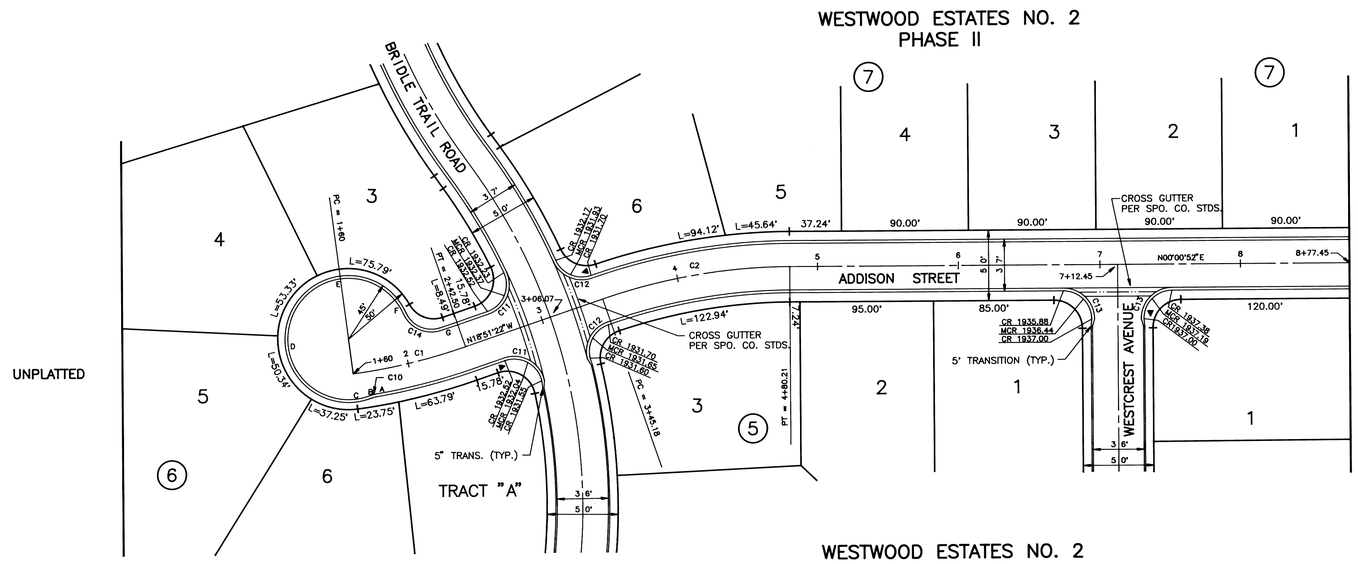
INLAND PACIFIC ENGINEERING
707 West 7th • Suite 200
Spokane, WA 99204
(509) 458-6840
FAX: (509) 458-6844

WESTWOOD ESTATES
DRAINAGE STRUCTURE REVISIONS
DRAINAGE

SHEET 2 OF 2
JOB NUMBER 97038

1 \JOBS\97JOBS\97038\DWG\DETAIL Tue Oct 07 13:36:55 1997

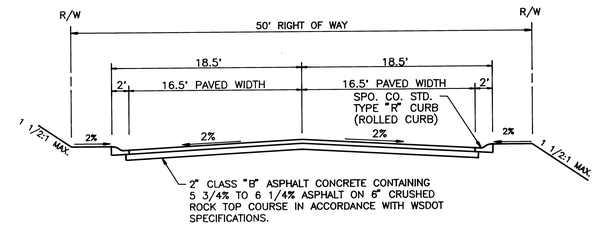
FOGGOMAGLAYOUT.DWG DETAIL



CURVE TABLE

CURVE	RADIUS	LENGTH	TANGENT	CHORD	DELTA
C1	410.00'	82.50'	41.39'	82.37'	11°31'47"
C2	410.00'	135.03'	68.13'	134.43'	18°52'14"
* C10	20.00'	3.98'	2.00'	3.98'	11°24'44"
* C11	20.00'	33.49'	22.19'	29.71'	95°56'54"
* C12	20.00'	29.70'	18.35'	27.04'	85°04'32"
* C13	20.00'	31.42'	20.00'	28.28'	90°00'00"
* C14	20.00'	28.93'	17.66'	26.47'	82°52'41"

* RADIUS TO BACK OF CURB



TYPICAL CROSS-SECTION

ADDISON STREET, ADDISON COURT
BRIDLE TRAIL ROAD
LIDGERWOOD STREET
WESTCREST COURT

SPOKANE COUNTY ENG. 5-18-93 CONSTRUCTION

PERMIT REQUIRED!
NOTIFY THE PERMIT ENGINEER
456-2620
24 HRS. PRIOR TO CONSTRUCTION

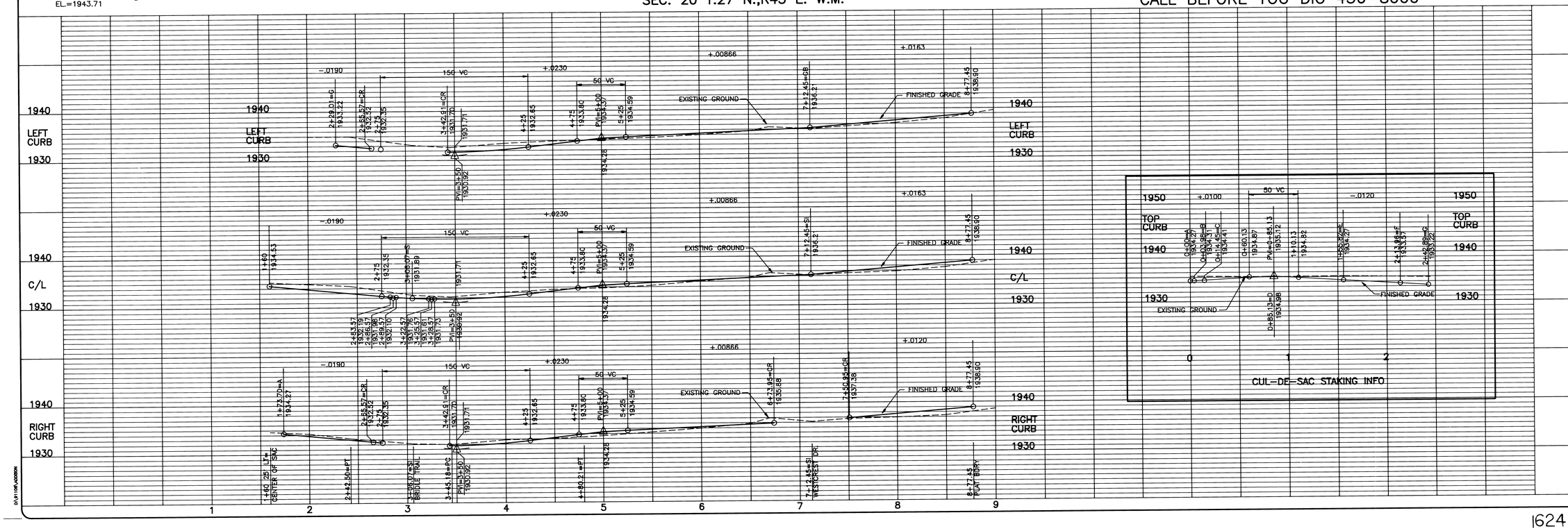
1/6/93
DEVELOPERS APPROVAL DATE

COUNTY DATUM

RR SPIKE IN W. FACE OF P.P.
28' E. OF C/L OF HATCH RD.
61' N. OF S. PLAT BDRY.
WESTWOOD ESTATES #2
EL.=1943.71

SEC. 20 T.27 N.,R43 E. W.M.

CALL BEFORE YOU DIG 456-8000



SCALE	
HORIZONTAL	1"=50'
VERTICAL	1"=10'

DATE	1/6/93
DWN.	BAH
CHK.	SPS,EWC
APP.	RLM

REVISIONS

NO.	DATE	BY

INLAND PACIFIC ENGINEERING
South 25 Altamont Spokane, Washington 99202
(509) 535-1410

WESTWOOD ESTATES NO. 2, PHASE II
ADDISON STREET - 1+60 TO 8+77.45
STREET

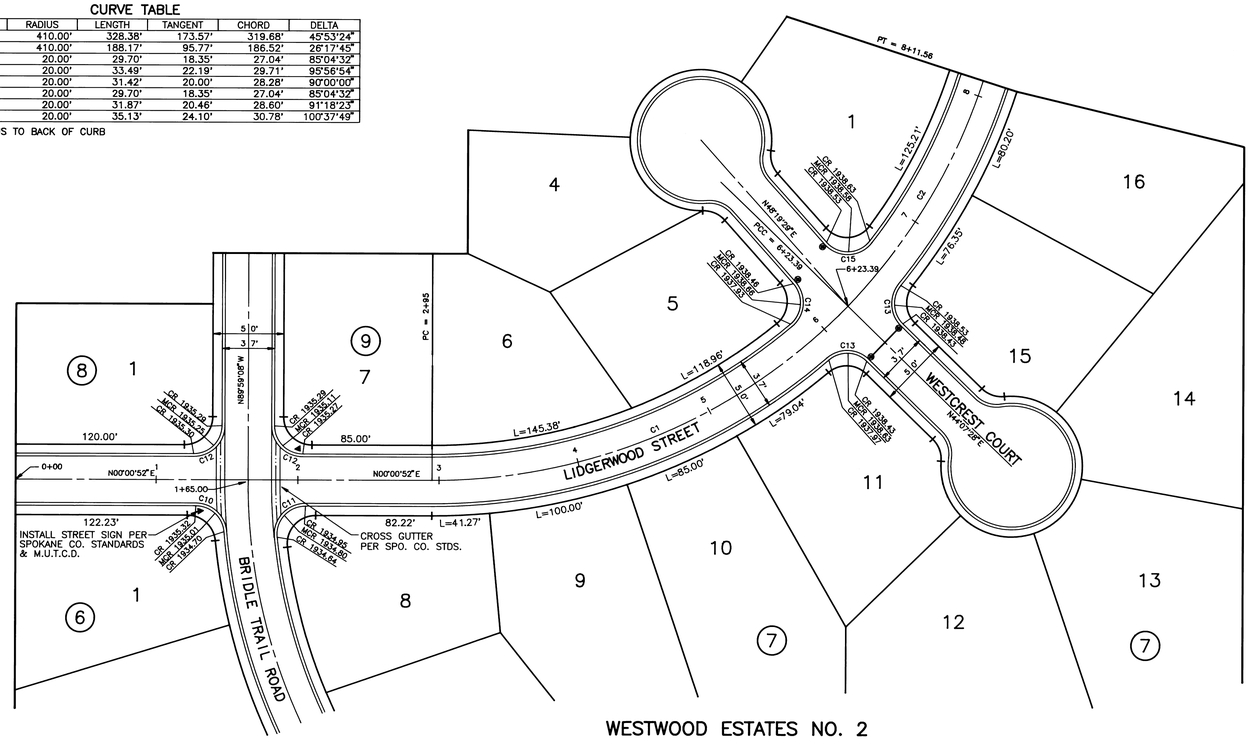
SHEET 2 OF 5
JOB NUMBER 91106

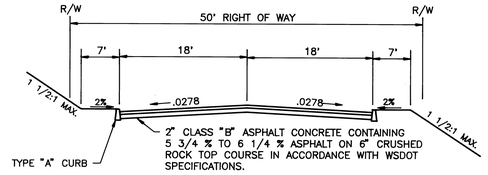
1624 A

CURVE TABLE

CURVE	RADIUS	LENGTH	TANGENT	CHORD	DELTA
C1	410.00'	328.38'	173.57'	319.68'	45°53'24"
C2	410.00'	188.17'	95.77'	186.52'	26°17'45"
* C10	20.00'	29.70'	18.35'	27.04'	85°04'32"
* C11	20.00'	33.49'	22.19'	29.71'	95°56'54"
* C12	20.00'	31.42'	20.00'	28.28'	90°00'00"
* C13	20.00'	29.70'	18.35'	27.04'	85°04'32"
* C14	20.00'	31.87'	20.46'	28.60'	91°18'23"
* C15	20.00'	35.13'	24.10'	30.78'	100°37'49"

* RADIUS TO BACK OF CURB





TYPICAL CROSS-SECTION

WESTCREST AVENUE STA. 8+30.87 TO 19+47.37
BRIDLE TRAIL ROAD STA. 18+33.19 TO 20+09.62 (LEFT)
BRIDLE TRAIL ROAD STA. 18+40.52 TO 20+06.13 (RIGHT)

APPROVED FOR CONSTRUCTION
SPOKANE COUNTY ENG.
BY 5-18-93
PERMIT REQUIRED!
NOTIFY THE PERMIT ENGINEER
456-2000

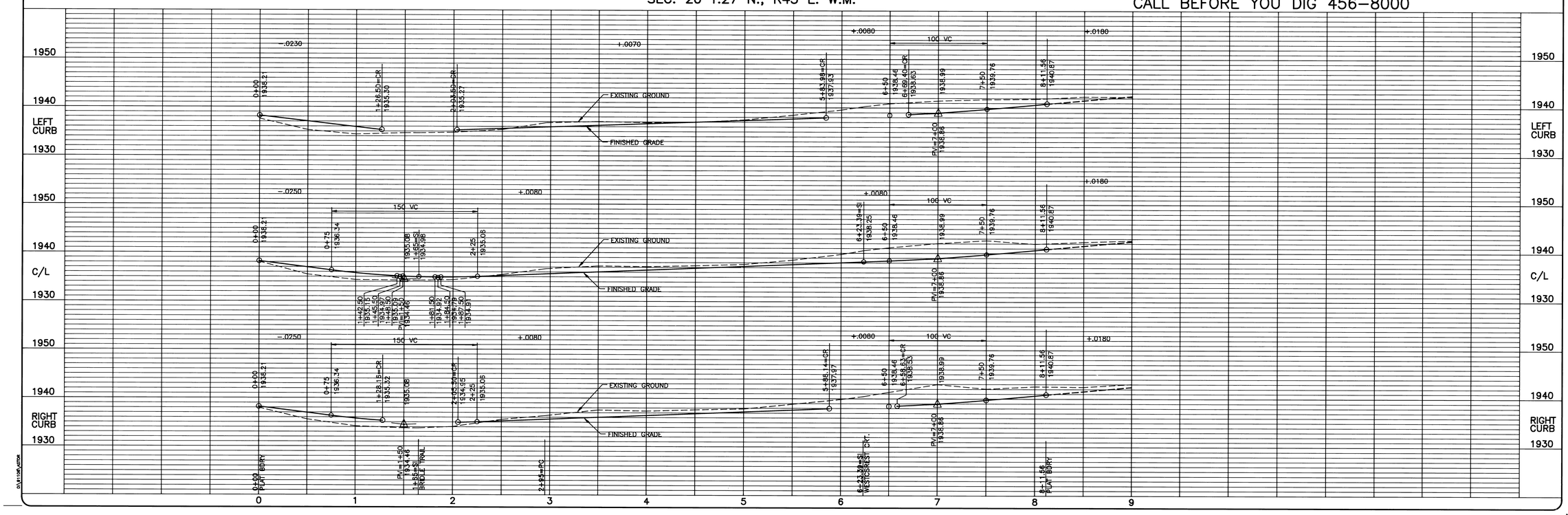
COUNTY DATUM
RR SPIKE IN W. FACE OF P.P.
28' E. OF C/L OF HATCH RD.
61' N. OF S. PLAT BDRY.
WESTWOOD ESTATES #2
EL. 1943.71

WESTWOOD ESTATES NO. 2
PHASE II

SEC. 20 T.27 N., R43 E. W.M.

1/8/93
DEVELOPERS APPROVAL DATE

CALL BEFORE YOU DIG 456-8000



SCALE	
HORIZONTAL	1"=50'
VERTICAL	1"=10'

DATE	1/25/93
DWN.	BAH
CHK.	SPS,EWC
APP.	RLM

NO.	DATE	BY	REVISIONS

INLAND PACIFIC ENGINEERING
South 25 Altamont Spokane, Washington 99202
(509) 535-1410

WESTWOOD ESTATES NO. 2, PHASE II
LIDGERWOOD STREET
STA 0+00 TO 8+11.56

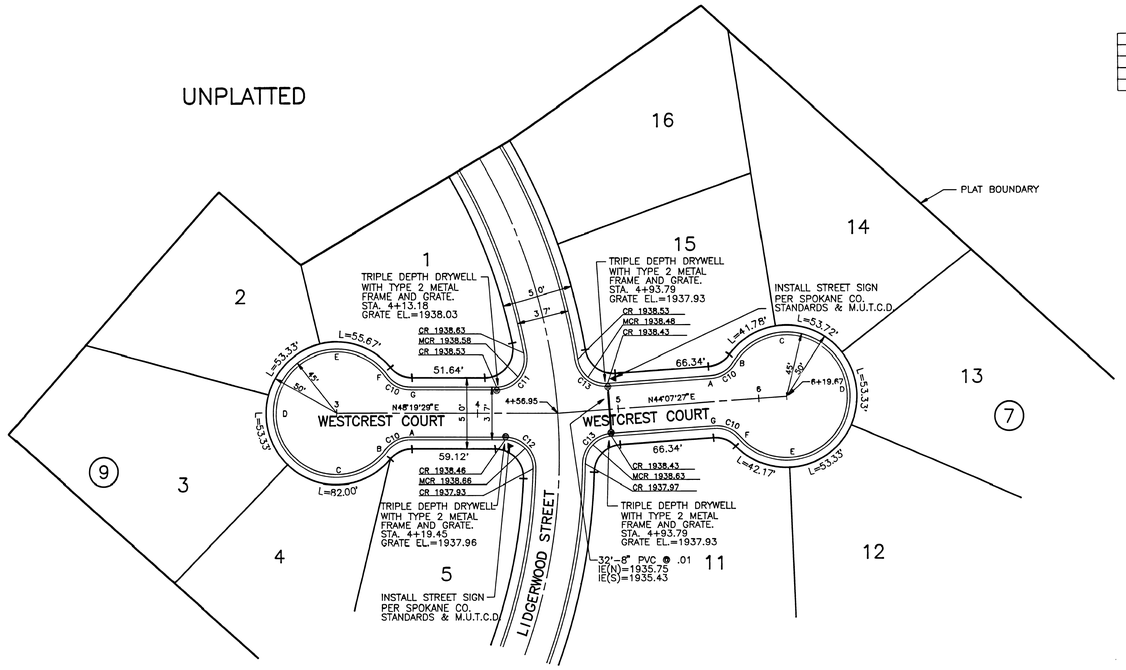
SHEET 3 OF 5
JOB NUMBER 91106

1624 A

CURVE TABLE

CURVE	RADIUS	LENGTH	TANGENT	CHORD	DELTA
* C10	20.00'	18.74'	10.12'	18.06'	53°40'45"
* C11	20.00'	35.13'	24.10'	30.78'	100°37'49"
* C12	20.00'	31.87'	20.46'	28.60'	91°18'23"
* C13	20.00'	29.70'	18.35'	27.04'	85°04'32"

* RADIUS TO BACK OF CURB



COUNTY DATUM

RR SPIKE IN W. FACE OF P.P.
28' E. OF C/L OF HATCH RD.
61' N. OF S. PLAT BDRY.
WESTWOOD ESTATES #2
EL. 1943.71

NOTES: DRYWELLS AND GRATES SHALL BE INSTALLED PER SPOKANE COUNTY STANDARD PLAN D-5.

ALL DRYWELLS SHALL BE INSTALLED WITH FILTER FABRIC, ("AMOCO" #4545 OR APPROVED EQUAL) BETWEEN THE DRAIN ROCK AND THE EXCAVATED LATERAL GROUND SURFACE.

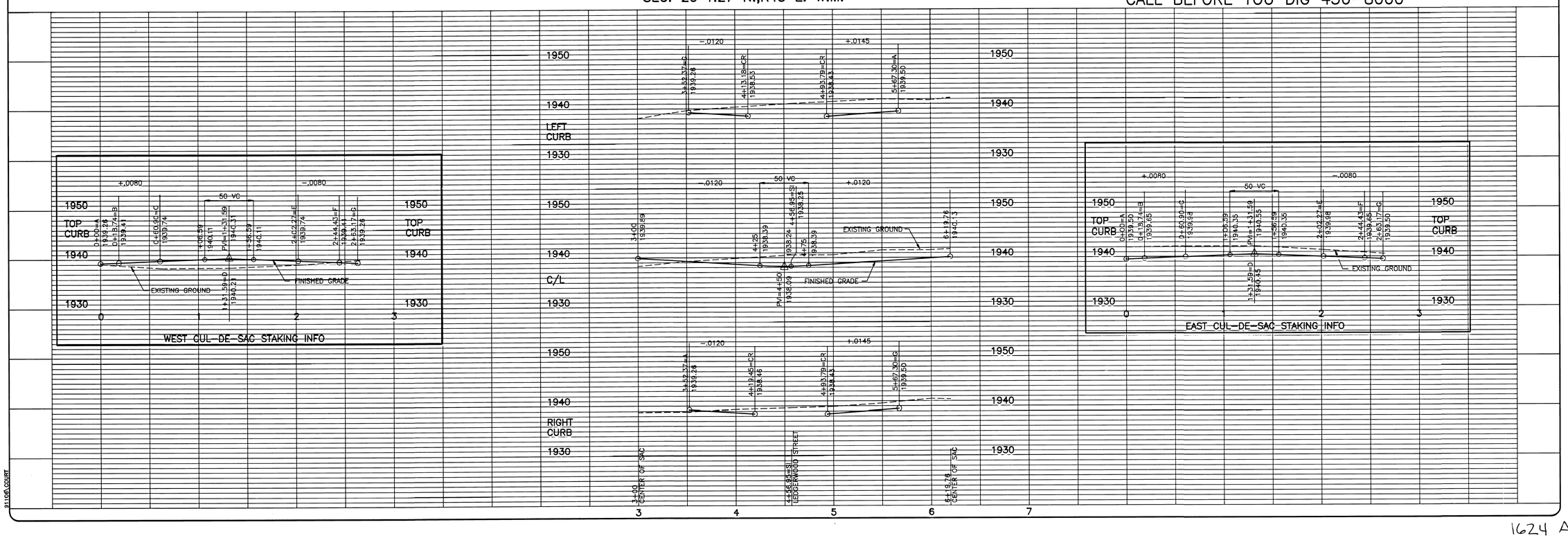
WESTWOOD ESTATES NO. 2
PHASE II

DEVELOPERS APPROVAL 1/8/93 DATE

SEC. 20 T.27 N.,R43 E. W.M.

CALL BEFORE YOU DIG 456-8000

APPROVED FOR CONSTRUCTION
SPOKANE COUNTY ENG.
5.18.93
PERMIT REQUIRED!
NOTIFY THE REGIST ENGINEER
456-3900
24 HRS. PRIOR TO CONSTRUCTION



SCALE	
HORIZONTAL	1"=50'
VERTICAL	1"=10'

DATE 1/6/93
DWN. BAH
CHK. SPS,EWC
APP. RLM

NO.	DATE	BY	REVISIONS

INLAND PACIFIC ENGINEERING
South 23 Altamont Spokane, Washington 99202
(509) 535-1410

WESTWOOD ESTATES NO. 2, PHASE II
WESTCREST COURT STREET

SHEET 4 OF 5
JOB NUMBER 91106

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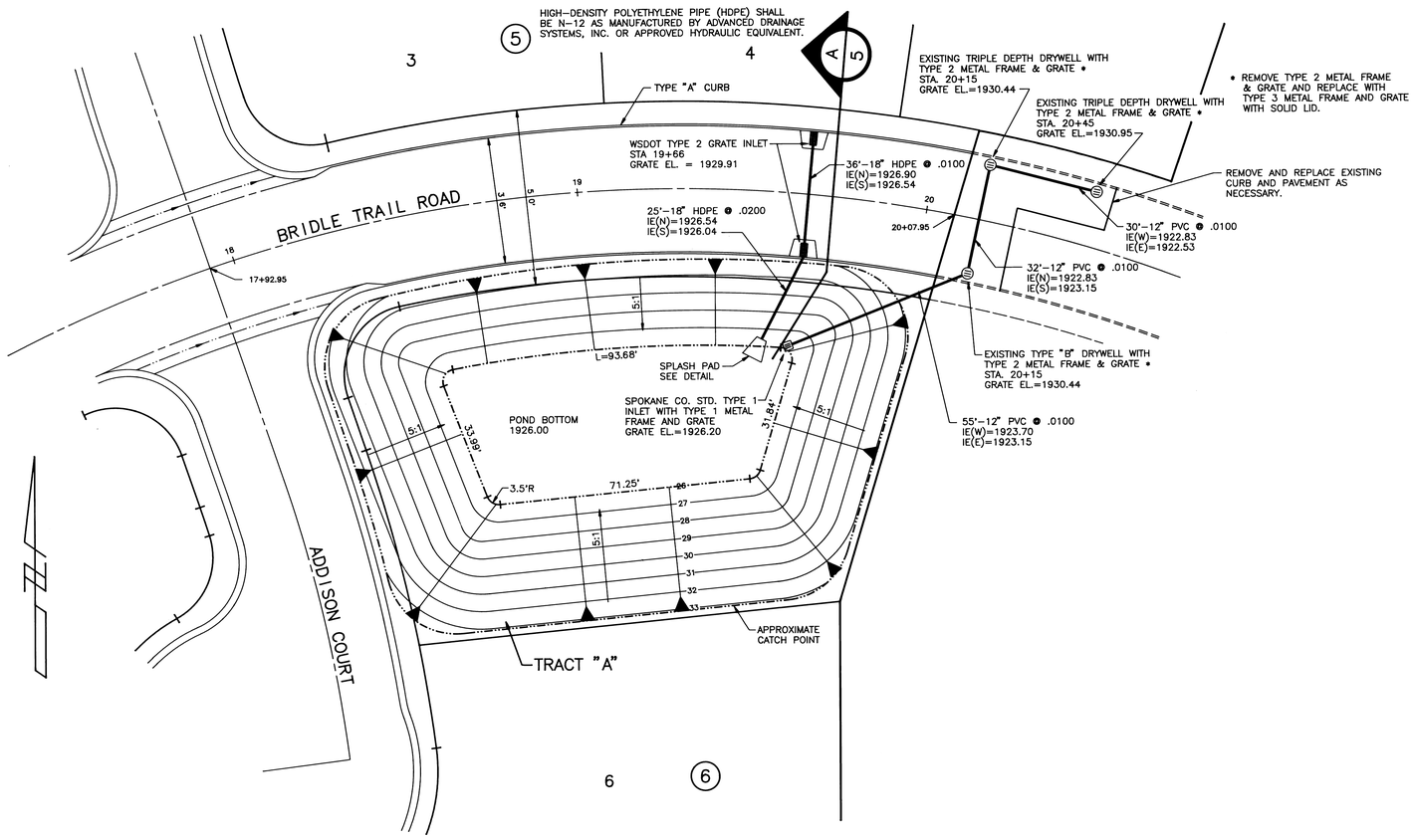
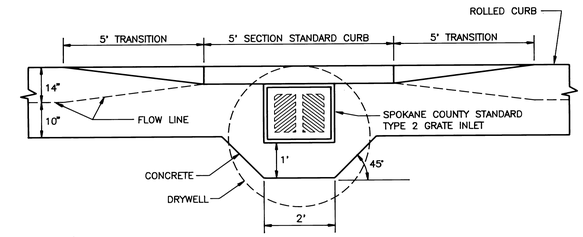
1624 A



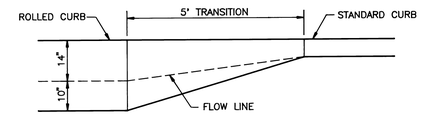
RETENTION POND DETAIL

1" = 20'



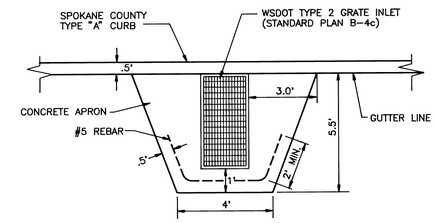
GRATE INSTALLATION DETAIL

ROLLED CURB



CURB TRANSITION DETAIL

ROLLED CURB TO STANDARD CURB

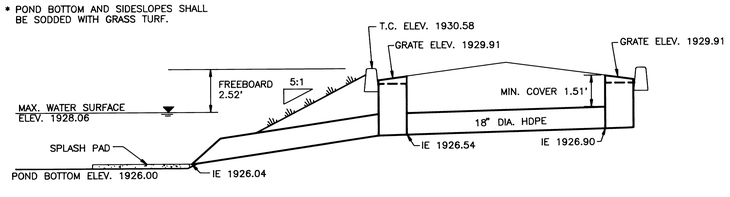


GRATE INSTALLATION DETAIL

WSDOT GRATE

APPROVED FOR CONSTRUCTION
SPOKANE COUNTY ENG.
BY 5-18-93
PERMIT REQUIRED!
NOTIFY THE PERMIT ENGINEER
456-3600
24 HRS. PRIOR TO CONSTRUCTION

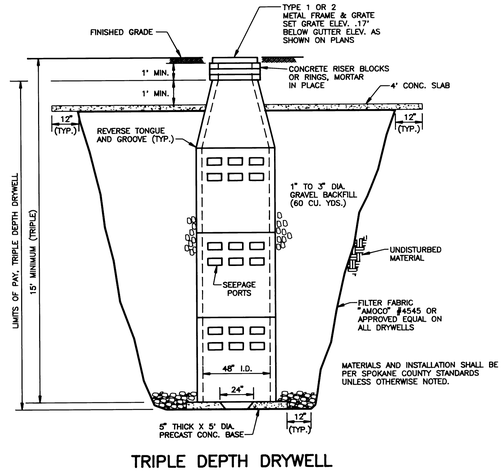
* POND BOTTOM AND SIDESLOPES SHALL BE SODDED WITH GRASS TURF.



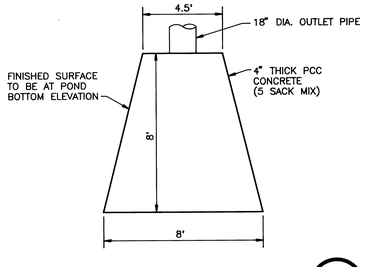
SECTION

NTS

A 5



TRIPLE DEPTH DRYWELL



SPLASH PAD

DEVELOPER'S APPROVAL

1/26/93
DATE

SCALE	
HORIZONTAL	1"=20'
VERTICAL	1"=20'

DATE	1/6/93
DWN.	BAH
CHK.	SPS
APP.	RLM

REVISIONS

NO.	DATE	BY

WILLIAM R. MAYNARD, STATE OF WASHINGTON, REGISTERED PROFESSIONAL ENGINEER, EXPIRES 5-11-93

INLAND PACIFIC ENGINEERING
South 25 Altamont Spokane, Washington 99202
(509) 535-1410

WESTWOOD ESTATES NO. 2, PHASE II
DETAILS

DETAILS

SHEET 5 OF 5

JOB NUMBER 91106

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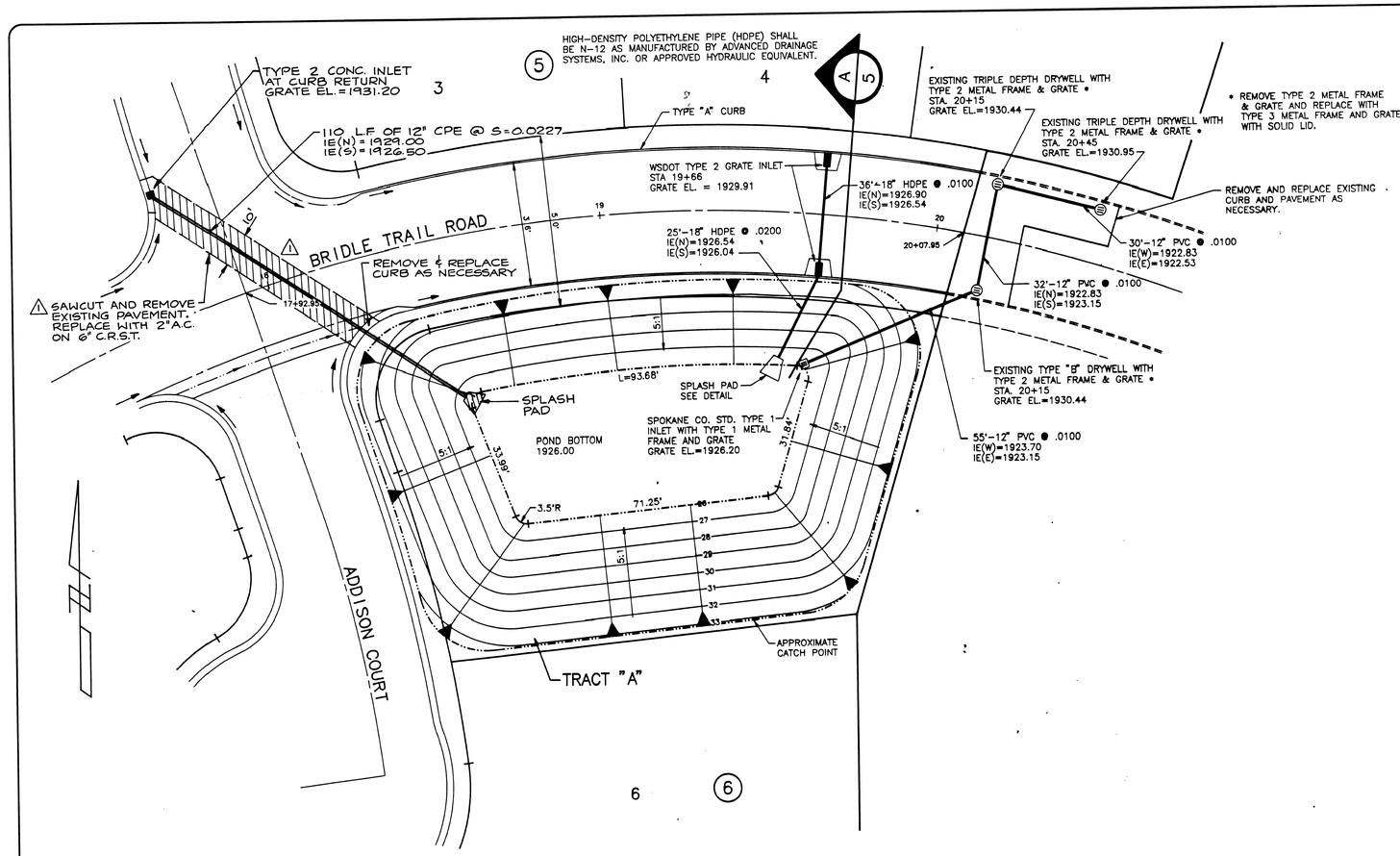
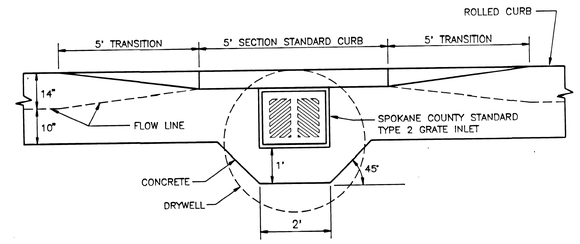
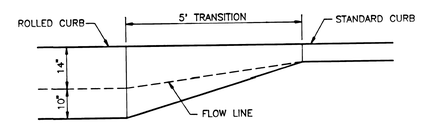


RETENTION POND DETAIL

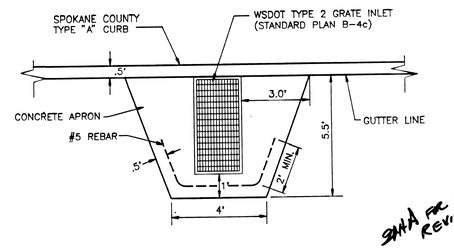
1" = 20'



GRATE INSTALLATION DETAIL
ROLLED CURB

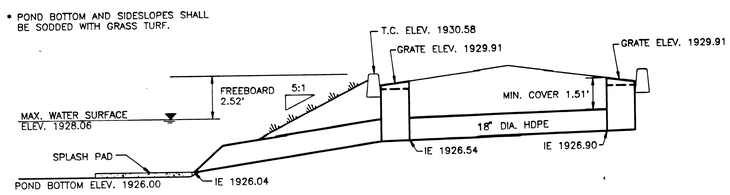


CURB TRANSITION DETAIL
ROLLED CURB TO STANDARD CURB

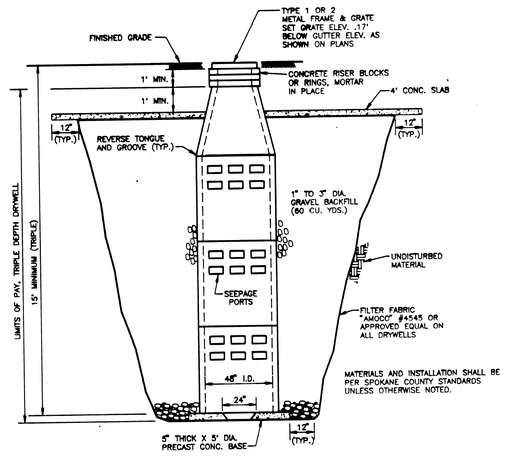


SWA PC 6-15-94 REVISION

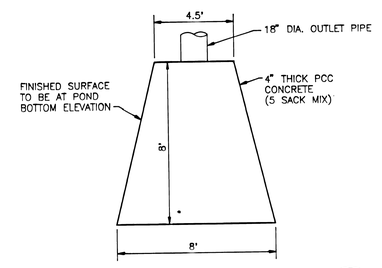
GRATE INSTALLATION DETAIL
WSDOT GRATE



SECTION A/5
NTS



TRIPLE DEPTH DRYWELL



SPLASH PAD

DEVELOPER'S APPROVAL

1/26/93
DATE

SCALE	
HORIZONTAL	1"=20'
VERTICAL	1"=20'

DATE	1/6/93
DWN.	BAH
CHK.	SPS
APP.	RLM

NO.	DATE	BY	REVISIONS
1	6-15-94	M.K.	ADDED CATCH BASIN & PIPE TO POND

INLAND PACIFIC ENGINEERING
South 25 Altamont Spokane, Washington 99202
(509) 535-1410

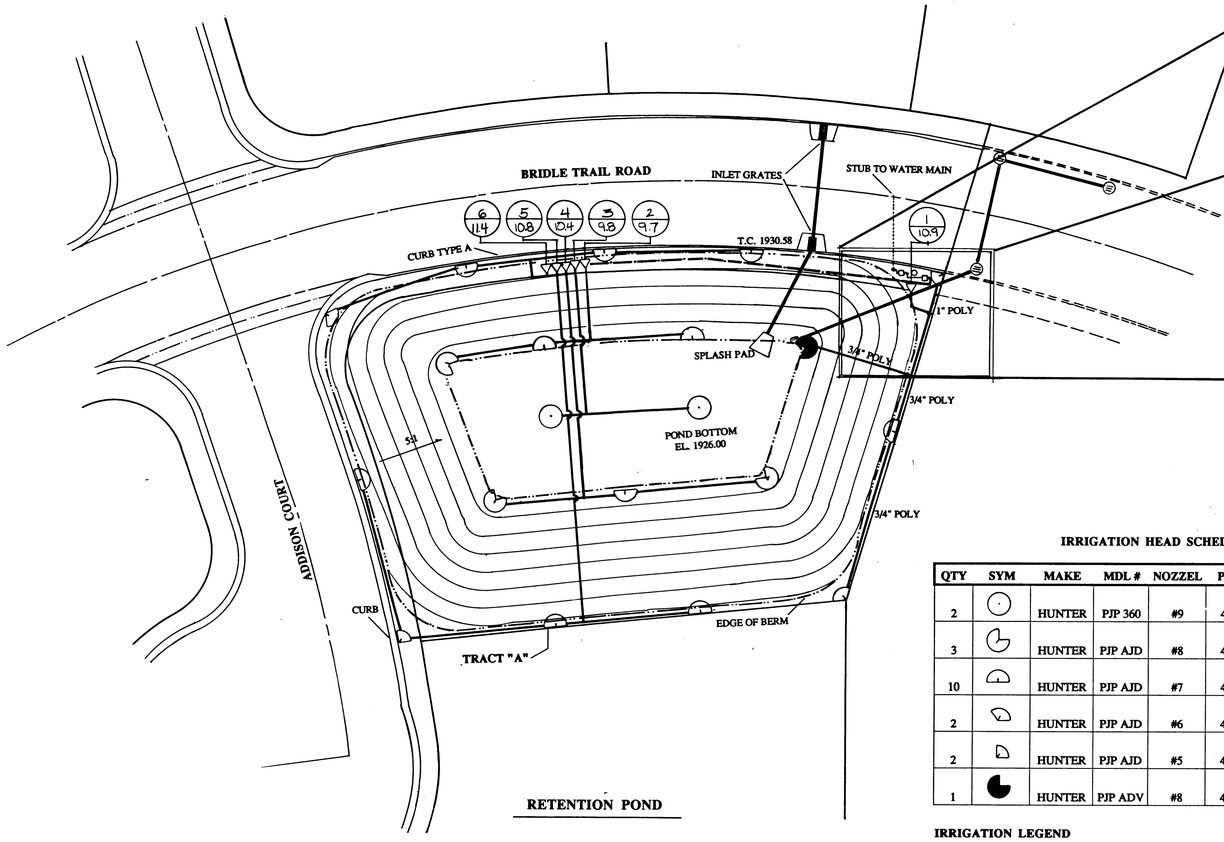
WESTWOOD ESTATES NO. 2, PHASE II
DETAILS

DETAILS

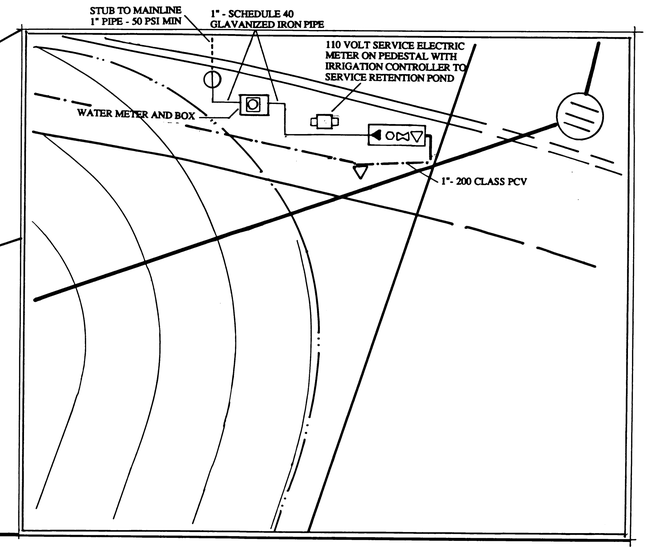
SHEET 5 OF 5

JOB NUMBER 91106

NORTHWEST LANDESIGN	APRIL 19, 1993	SCALE 1" = 20' - 0"
		D/B
	WESTWOOD 208 IRRIGATION SYSTEM	



RETENTION POND



SERVICE PLACEMENT DETAIL

SCALE 1" = 5'

IRRIGATION HEAD SCHEDULE

QTY	SYM	MAKE	MDL #	NOZZEL	PSI	GPM	TYPE
2		HUNTER	PJP 360	#9	40	4.9	POP-UP ROTARY
3		HUNTER	PJP AJD	#8	40	3.7	POP-UP ROTARY
10		HUNTER	PJP AJD	#7	40	3.0	POP-UP ROTARY
2		HUNTER	PJP AJD	#6	40	2.4	POP-UP ROTARY
2		HUNTER	PJP AJD	#5	40	1.8	POP-UP ROTARY
1		HUNTER	PJP ADV	#8	40	3.7	POP-UP ROTARY

IRRIGATION LEGEND

- 1" RAINBIRD DV-100 AUTOMATIC VALVE
- POINT OF CONNECTION AT CURB BOX
- 805 Y 1" DOUBLE CHECK VALVE AND 1/2" DRAIN VALVE HOUSED IN METER BOX
- 1" FEBCO BALL ISOLATION VALVE
- 1" QUICK COUPLER
- 4 / 10.4 — ZONE NUMBER / SYSTEM IDENTIFICATION / G.P.M.
- RAINBIRD RC7C RAINTIGHT CONTROLLER MOUNTED ON ELECTRIC METER PEDESTAL (See attached spec sheets)
- POLY 200 PSI NSF GRADE PIPE
- 200 CLASS PVC MAINLINE

NOTES:

1. ALL VALVES TO BE INSTALLED IN AN AMETEC JUMBO MARLEX METER BOX (No. 190101) WITH A LOCKABLE LID (No.190106)
2. ALL PIPE TO BE 200 CLASS PSI OR GREATER, BURIED WITH A MINIMUM OF 16 INCHES OF COVER
3. CONTROLLER TO BE INSTALLED ON ELECTRIC METER BASE PROVIDED BY DEVELOPER (See attached spec sheet)
4. CONNECT DOUBLE CHECK VALVE TO 1" GALVANIZED LINE FROM METER PROVIDED BY DEVELOPER
5. METER TO BE HOUSED IN BROOKS NO. 6 CONCRETE METER VAULT
6. WIRING USED FOR IRRITATION SYSTEM TO BE 12 STRAND 14 GAGE WIRE
7. ALL ELECTRICAL WORK TO BE DONE PER N.E.C.AND LOCAL CODES
8. QUICK COUPLER TO BE USED FOR FALL BLOWOUT PRIOR TO FREEZE
9. ALL AREAS UNDER IRRIGATION TO BE SODDED IN ACCORDANCE WITH WSDOT STANDARDS
10. ALL PIPE FROM DOUBLE CHECK TO ZONE VALVES TO BE 1" 200 CLASS PVC OR GREATER.
11. ALL LATERAL LINES TO BE 1" 200 CLASS POLY UNLESS LABELED OTHERWISE

IRRIGATION SYSTEM PLAN APPROVAL

APPROVED FOR CONSTRUCTION
SPOKANE COUNTY ENG.
BY [signature]

PERMIT REQUIRED!
NOTIFY THE PERMIT ENGINEER
456-3600
BY 24 HRS. PRIOR TO CONSTRUCTION DATE 5/18/93

ARCHITECTURAL SEAL

STATE OF WASHINGTON
REGISTERED
LANDSCAPE ARCHITECT
BY Robert L. Woerner DATE 4/30/93
ROBERT L. WOERNER
CERTIFICATE NO. 43

1624 A