STREET & STORM DRAINAGE COVER SHEET
FOR
RIVERWALK 9TH ADDITION
(A PLANNED UNIT DEVELOPMENT)

LOCATED IN THE SW 1/4 OF
SECTION 8, T.25N., R.45E., W.M.
SPOKANE COUNTY, WASHINGTON

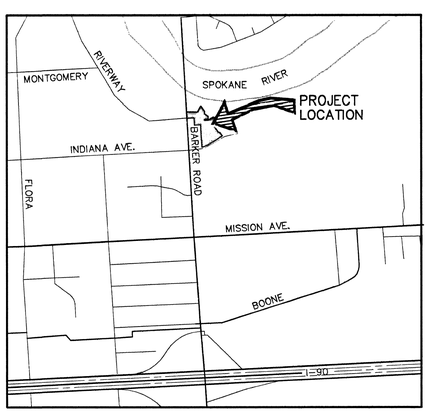
NOTES

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. FOR CONSTRUCTION OF DRYWELLS, INSTALL FILTER FABRIC, "AMOCO" 4545 OR APPROVED EQUIVALENT, BETWEEN THE DRYWELL BARREL AND THE WASHED DRAINROCK, AND BETWEEN THE WASHED DRAINROCK AND NATIVE SOILS PER SPOKANE COUNTY STANDARD DETAIL B-1.
7. PRIOR TO SITE CONSTRUCTION, THE CONTRACTOR IS RESPONSIBLE FOR LOCATING UNDERGROUND UTILITIES. CALL THE UNDERGROUND UTILITY LOCATION SERVICE AT 456-8000 BEFORE YOU DIG.
8. THE CONTRACTOR SHALL MAKE AN EFFORT TO PROTECT ALL CATCH BASINS AND DRYWELLS FROM BEING CONTAMINATED WITH SILT BY INSTALLING FILTER FABRIC UNDER THE LID FOR AT LEAST 6 WEEKS, OR UNTIL THE ESTABLISHMENT OF GRASS AND/OR OTHER SITE CONSTRUCTION WORK HAS ENDED.

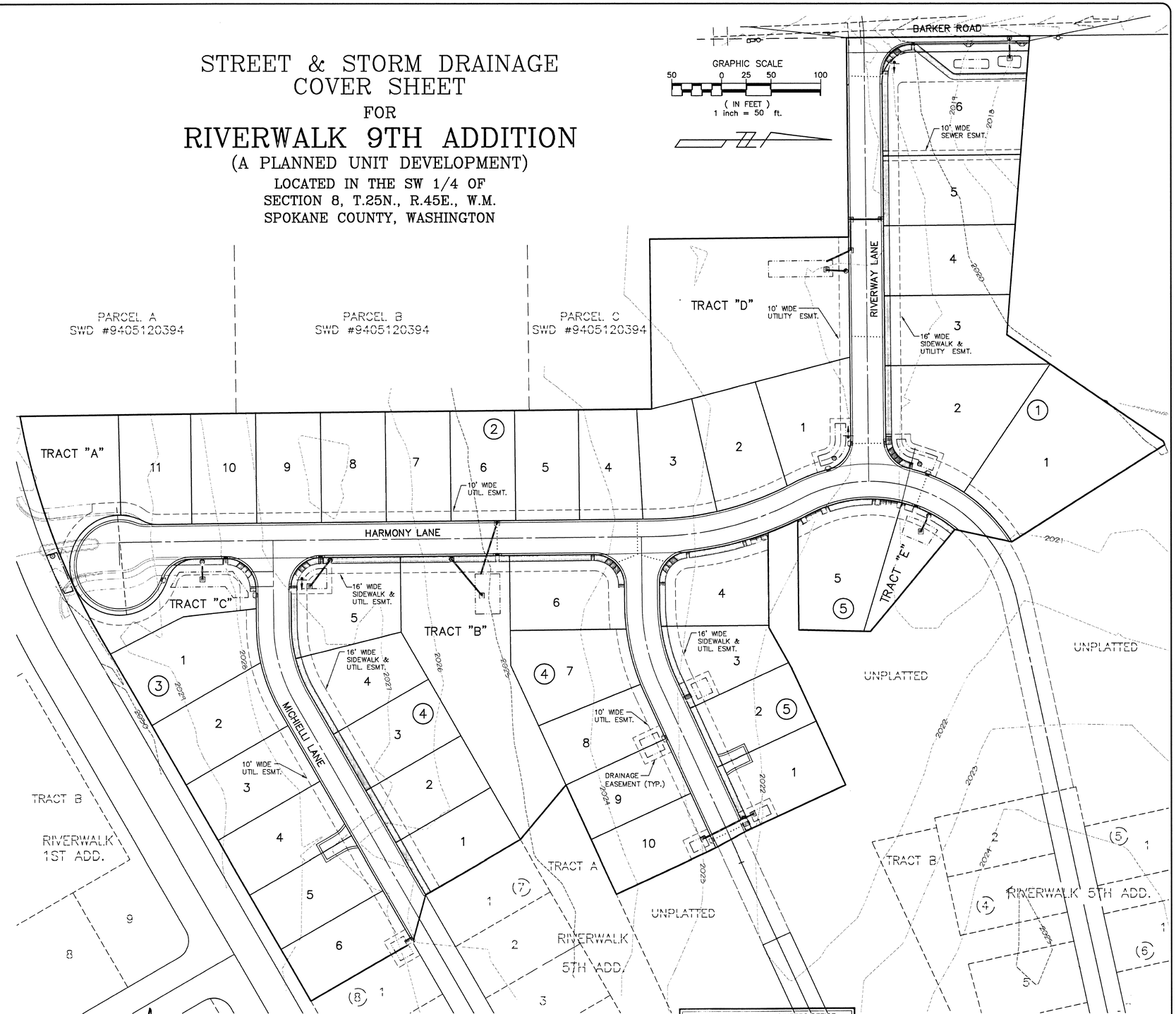
   IN THE EVENT THAT SILT OR OTHER DELETERIOUS MATERIAL IS ALLOWED TO ENTER THE DRYWELLS OR CATCH BASINS, THE CONTRACTOR WILL BE REQUIRED TO CLEAN THE DRYWELL OR CATCH BASIN OUT TO THE SATISFACTION OF THE CERTIFYING ENGINEER.
9. ALL DRYWELL CONNECTION PIPES SHALL BE PLACED BELOW THE DRYWELL CONCRETE CAP AND SHALL FLOW AS DIRECTED IN THE PLANS.

TABLE OF CONTENTS

COVER SHEET	SHEET 1
HARMONY LANE RIVERWALK LANE	SHEET 2
MICHIELLI LANE RIVERWAY LANE	SHEET 3
SHANNON LANE	SHEET 4
BARKER ROAD	SHEET 5
DETAILS	SHEET 6, 7
BARKER RD. CHANNELIZATION	SHEET 8



VICINITY MAP



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.

TODD R. WHIPPLE STATE OF WASHINGTON 25462 REGISTERED PROFESSIONAL ENGINEER

EXPIRES 9/24/98

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PRIVATE ROADS
PROJECT #: P-1414H
DATE ACCEPTED: 4-29-1998
ACCEPTANCE EXPIRES: 4-29-2001
PROJECT LANE MILES: 0.4
CONSTRUCTION DOCUMENTATION AND CERTIFIED RECORD DRAWINGS, "AS-BUILTS" ARE REQUIRED PRIOR TO RELEASE OF INSPECTION BOND.
APPROACH PERMIT REQUIRED! (509) 456-3600 PRIOR TO CONSTRUCTION

DEVELOPER'S APPROVAL

4-22-98
DATE

NO.	DATE	BY	REVISIONS

DATE: 4/21/98
DRAWN BY: MLH, JFC
DESIGNED BY: SKM
CHECKED BY: TRW

SCALE:
HORIZONTAL: 1"=50'
VERTICAL: N/A

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

RIVERWALK 9TH ADDITION
COVER SHEET

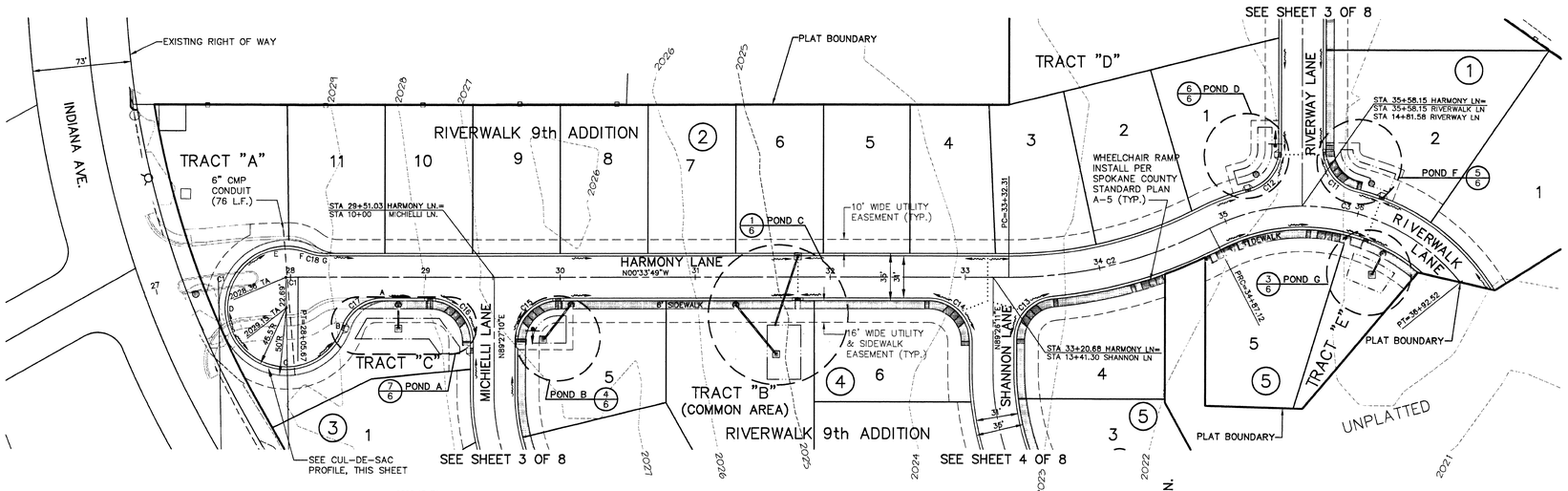
STREET

SHEET 1 OF 8

JOB NUMBER 96238

J:\96SKROD\96238\DWG\COVER Tue Apr 21 18:09:57 1998

SEC. 8, T.25 N., R.45 E.,W.M.
SPOKANE COUNTY, WASHINGTON



GRAPHIC SCALE

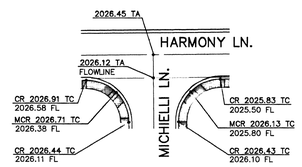
50 0 25 50 100

(IN FEET)
1 inch = 50 ft.

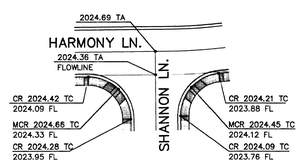
CURVE TABLE

CURVE	RADIUS	LENGTH	TANGENT	CHORD	DELTA
C1	500.00'	9.04'	4.52'	9.04'	01°02'07"
C2	325.00'	154.81'	78.90'	153.35'	27°17'34"
C3	150.00'	205.40'	122.47'	189.73'	78°27'32"
C11*	30.00'	39.90'	23.53'	37.03'	76°12'30"
C12*	30.00'	39.77'	23.42'	36.92'	75°57'31"
C13*	30.00'	44.23'	27.24'	40.33'	84°28'27"
C14*	30.00'	47.12'	30.00'	42.43'	90°00'00"
C15*	30.00'	47.12'	29.99'	42.42'	89°59'01"
C16*	30.00'	47.13'	30.01'	42.43'	90°00'59"
C17*	30.00'	37.11'	21.35'	34.79'	70°52'43"
C18*	30.00'	11.13'	5.68'	11.17'	21°27'16"

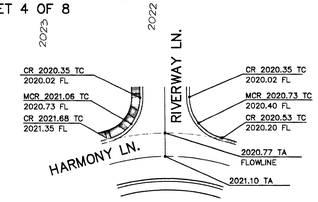
*RADIUS MEASURED TO BACK OF CURB



INTERSECTION DETAIL 1



INTERSECTION DETAIL 2



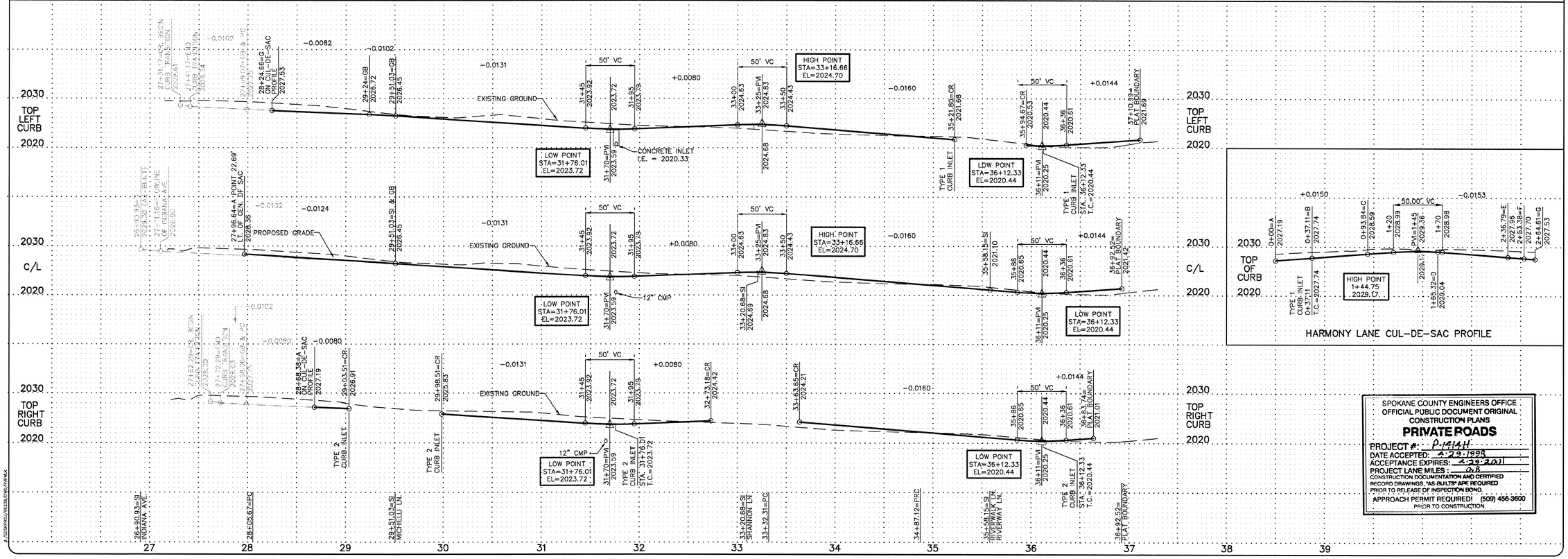
INTERSECTION DETAIL 3

COUNTY DATUM

"X" MARKED IN FIRE HYDRANT ON NORTH SIDE OF INDIANA, NORTHEAST OF INTERSECTION OF MCMILLIAN LN. AND INDIANA AVE. EL=2029.93

DEVELOPER'S APPROVAL

4-22-98
DATE



SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PRIVATE ROADS
PROJECT #: P-1414H
DATE ACCEPTED: 4-29-1998
ACCEPTANCE EXPIRES: 4-29-2001
PROJECT LANE MILES: 0.8
CONSTRUCTION DOCUMENTATION AND CERTIFIED RECORD DRAWINGS, "AS-BUILTS" ARE REQUIRED PRIOR TO RELEASE OF INSPECTION BOND.
APPROACH PERMIT REQUIRED! (509) 456-3600 PRIOR TO CONSTRUCTION

NO.	DATE	BY	REVISIONS

EXPIRES 9/24/98

DATE: 4/21/98
DRAWN BY: WJH JFC
DESIGNED BY: SKM
CHECKED BY: TRW

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

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

RIVERWALK 9TH ADDITION
HARMONY LANE
STA. 26+90.93 TO STA. 35+58.15
RIVERWALK LANE
STA. 35+58.15 TO STA. 36+92.52 STREET

SHEET 2 OF 8

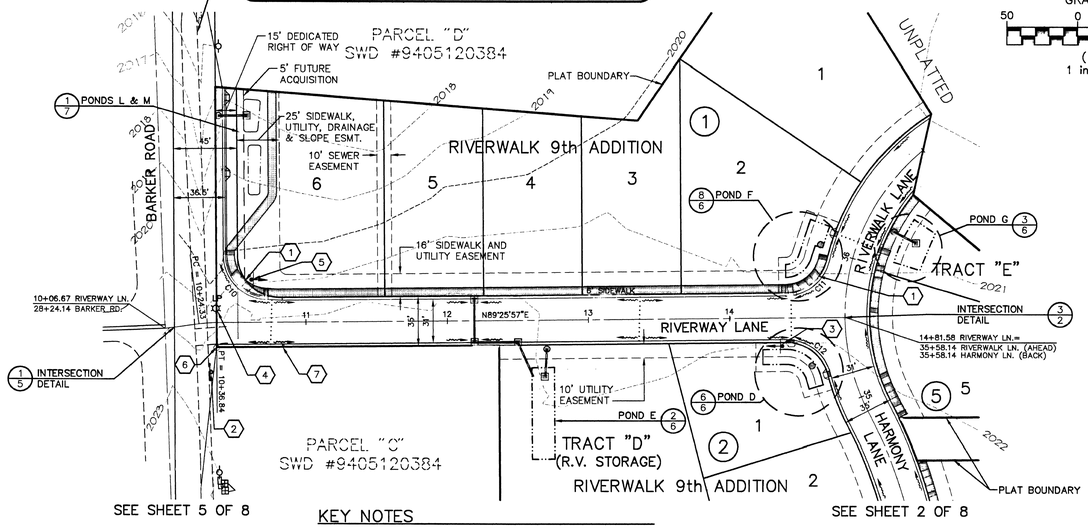
JOB NUMBER 96238

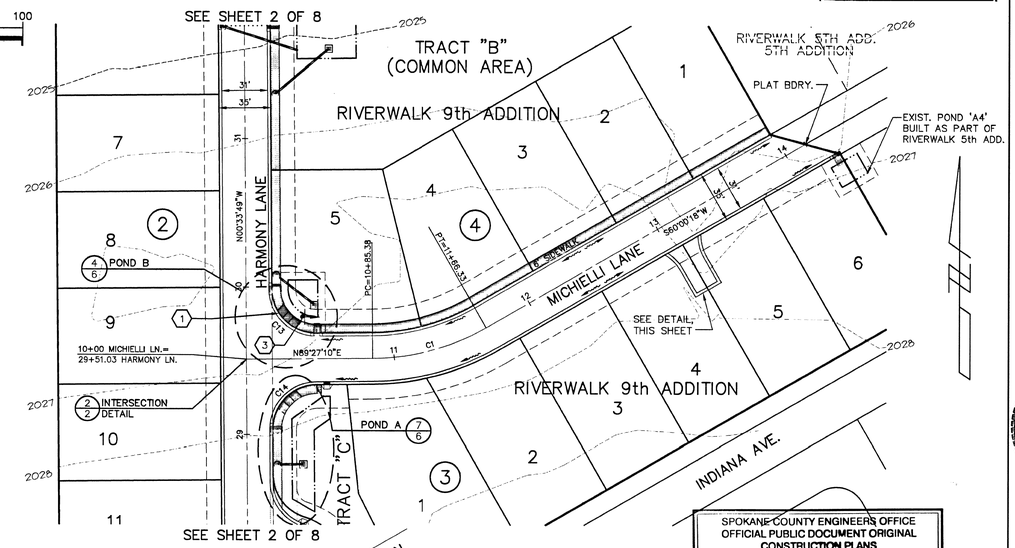
SEC. 8, T.25 N., R.45 E.,W.M.
SPOKANE COUNTY, WASHINGTON

WARNING!!!
FIBER OPTIC CABLE APPROXIMATELY 30' EAST OF BARKER ROAD CENTERLINE. CALL AT&T/GTE FOR LOCATE.

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

GRAPHIC SCALE
50 0 25 50 100
(IN FEET)
1 inch = 50 ft.





KEY NOTES

1. INSTALL WHEELCHAIR RAMP PER SPOKANE COUNTY STANDARD PLAN A-5, DESIGN "A" (TYP.).
2. EXISTING "BUS STOP" SIGN TO BE RELOCATED BY OTHERS.
3. INSTALL STREET NAME SIGN PER SPOKANE COUNTY STANDARDS AND M.U.T.C.D.
4. EXISTING LIGHT POLE TO BE REMOVED OR RELOCATED BY OTHERS.
5. INSTALL STREET NAME SIGN & STOP SIGN PER SPOKANE COUNTY STANDARDS AND M.U.T.C.D.
6. STA. 10+36.84, 15.50' RT. BEGIN ASPHALT EDGE. ELEV. = 2021.67
7. STA. 10+83.33 BEGIN CURB CONSTRUCTION. SEE PROFILE BELOW. CONSTRUCT 12" NOSEDOWN.

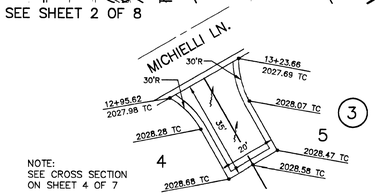
CURVE TABLE

CURVE	RADIUS	LENGTH	TANGENT	CHORD	DELTA
C1	157.50'	80.95'	41.39'	80.06'	36°22'42"
C10	30.00'	47.12'	30.00'	42.42'	89°59'29"
C11 *	30.00'	39.90'	23.53'	37.03'	76°12'30"
C12 *	30.00'	39.77'	23.42'	36.92'	75°57'31"
C13 *	30.00'	47.12'	29.99'	42.42'	89°59'01"
C14 *	30.00'	47.13'	30.01'	42.43'	90°00'59"

*RADIUS MEASURED TO BACK OF CURB

COUNTY DATUM

"X" MARKED IN FIRE HYDRANT ON NORTH SIDE OF INDIANA, NORTHEAST OF INTERSECTION OF MCMILLIAN LN. AND INDIANA AVE. EL=2029.93



NOTE:
SEE CROSS SECTION ON SHEET 4 OF 7

TEMPORARY TURNAROUND DETAIL
NOT TO SCALE

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PRIVATE ROADS
PROJECT #: P-1414H
DATE ACCEPTED: 4-22-1998
ACCEPTANCE EXPIRES: 4-22-2001
PROJECT LANE MILES: 0.8
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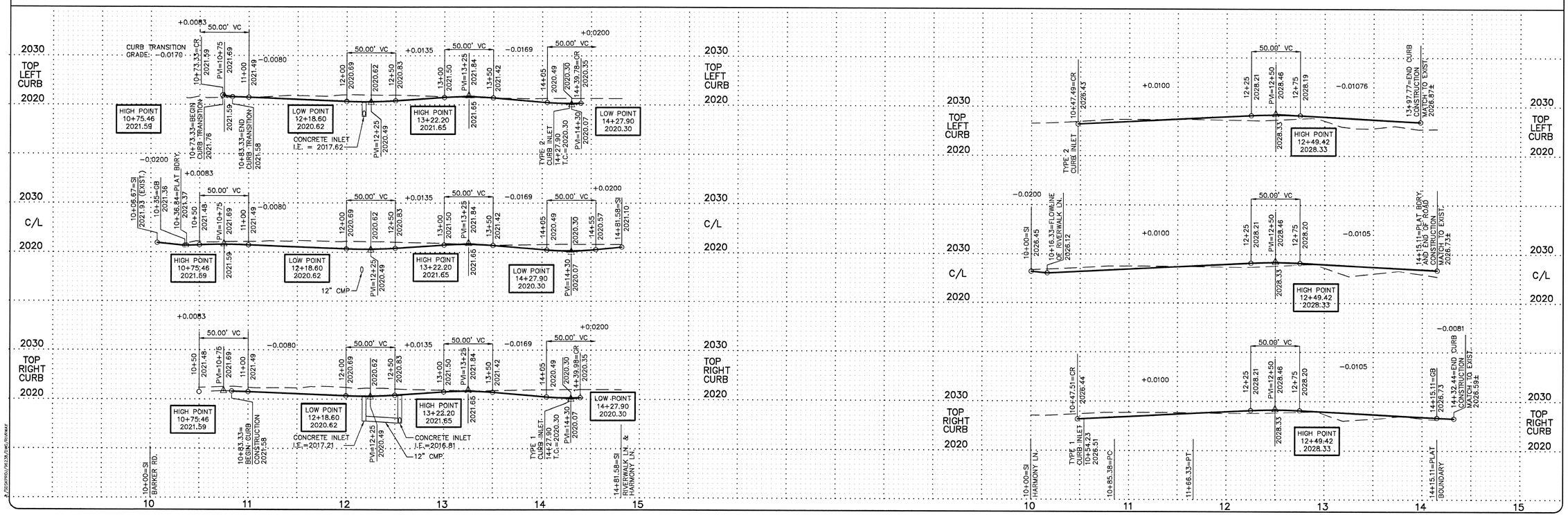
APPROACH PERMIT REQUIRED! (509) 456-3600 PRIOR TO CONSTRUCTION

DEVELOPER'S APPROVAL

4-22-98
DATE



NO.	DATE	BY	REVISIONS

DATE: 4/21/98
DRAWN BY: JFC, MLH
DESIGNED BY: SKM
CHECKED BY: TRW

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

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

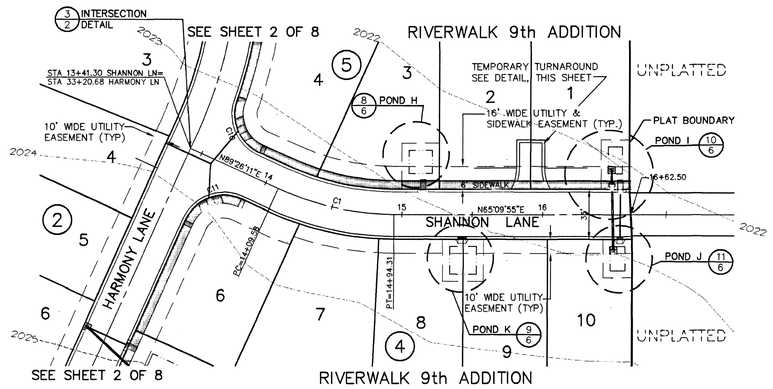
RIVERWALK 9TH ADDITION
RIVERWAY LANE
MICHIELLI LANE

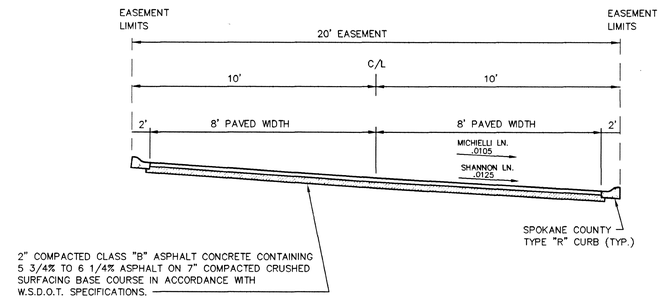
STREET

SHEET 3 OF 8
JOB NUMBER 96238

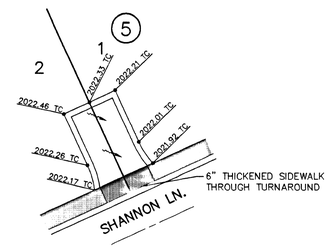
SEC. 8, T.25 N., R.45 E.,W.M.
SPOKANE COUNTY, WASHINGTON

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





TEMPORARY TURNAROUND SECTION
SHANNON LN. & MICHIELLI LN. NOT TO SCALE



TEMPORARY TURNAROUND DETAIL
NOT TO SCALE

GRAPHIC SCALE
50 0 25 50 100
(IN FEET)
1 inch = 50 ft.

COUNTY DATUM

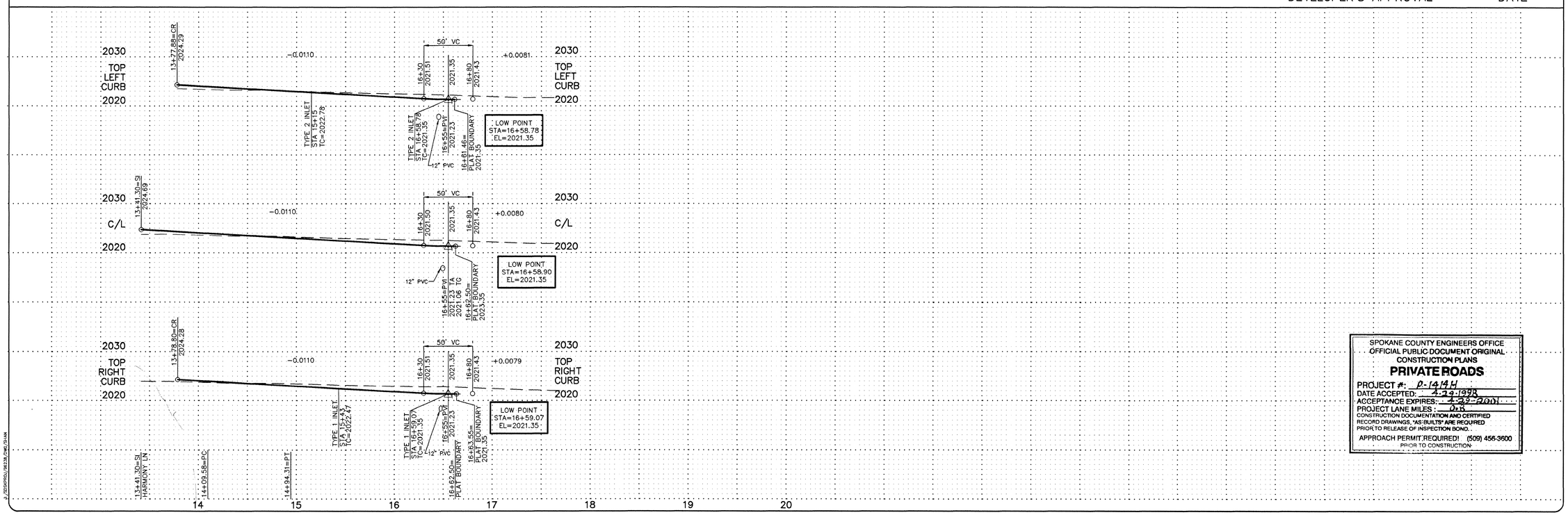
"X" MARKED IN FIRE HYDRANT ON NORTH SIDE OF INDIANA, NORTHEAST OF INTER-SECTION OF MCMILLIAN LN. AND INDIANA AVE. EL=2029.93

CURVE TABLE

CURVE	RADIUS	LENGTH	TANGENT	CHORD	DELTA
C1	200.00'	84.72'	43.01'	84.09'	24°16'16"
C10*	30.00'	44.23'	27.24'	40.33'	84°28'27"
C11*	30.00'	47.12'	30.00'	42.43'	90°00'00"

*RADIUS MEASURED TO BACK OF CURB

DEVELOPER'S APPROVAL — DATE 4-22-98



SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PRIVATE ROADS
PROJECT #: P-1414
DATE ACCEPTED: 4-29-1998
ACCEPTANCE EXPIRES: 4-29-2001
PROJECT LANE MILES: 0.8
CONSTRUCTION DOCUMENTATION AND CERTIFIED RECORD DRAWINGS, "AS-BUILTS" ARE REQUIRED PRIOR TO RELEASE OF INSPECTION BOND.
APPROACH PERMIT REQUIRED! (509) 456-3600
PRIOR TO CONSTRUCTION

NO.	DATE	BY	REVISIONS

RODD R. WHIPPLE — STATE OF WASHINGTON — 26446 — REGISTERED PROFESSIONAL ENGINEER
EXPIRES 9/24/98

DATE: 4/21/98
DRAWN BY: MLH
DESIGNED BY: SKM
CHECKED BY: TRW

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

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

RIVERWALK 9TH ADDITION
SHANNON LANE
STREET

SHEET 4 OF 8
JOB NUMBER 96238

SEC. 8, T.25 N., R.45 E.,W.M.
SPOKANE COUNTY, WASHINGTON

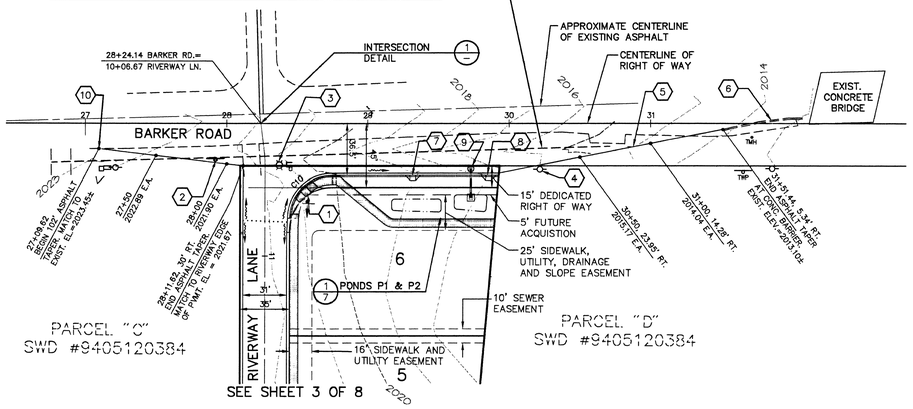
UNDERGROUND SERVICE ALERT
ONE-CALL NUMBER
456·8000
CALL TWO BUSINESS DAYS BEFORE YOU DIG

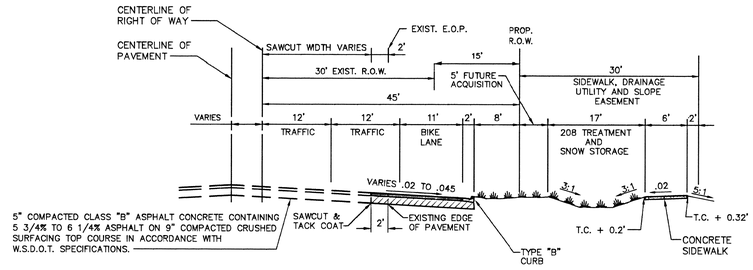
CURVE TABLE

CURVE	RADIUS	LENGTH	TANGENT	CHORD	DELTA
C10	30.00'	47.12'	30.00'	42.42'	89°59'29"

RADIUS MEASURED TO FACE OF CURB

WARNING!!!
FIBER OPTIC CABLE APPROXIMATELY 30' EAST OF BARKER ROAD CENTERLINE. CALL AT&T/GTE FOR LOCATE

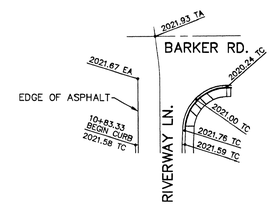




BARKER ROAD TYPICAL CROSS SECTION

NOT TO SCALE

GRAPHIC SCALE
50 0 25 50 100
(IN FEET)
1 inch = 50 ft.



INTERSECTION DETAIL 1

KEY NOTES

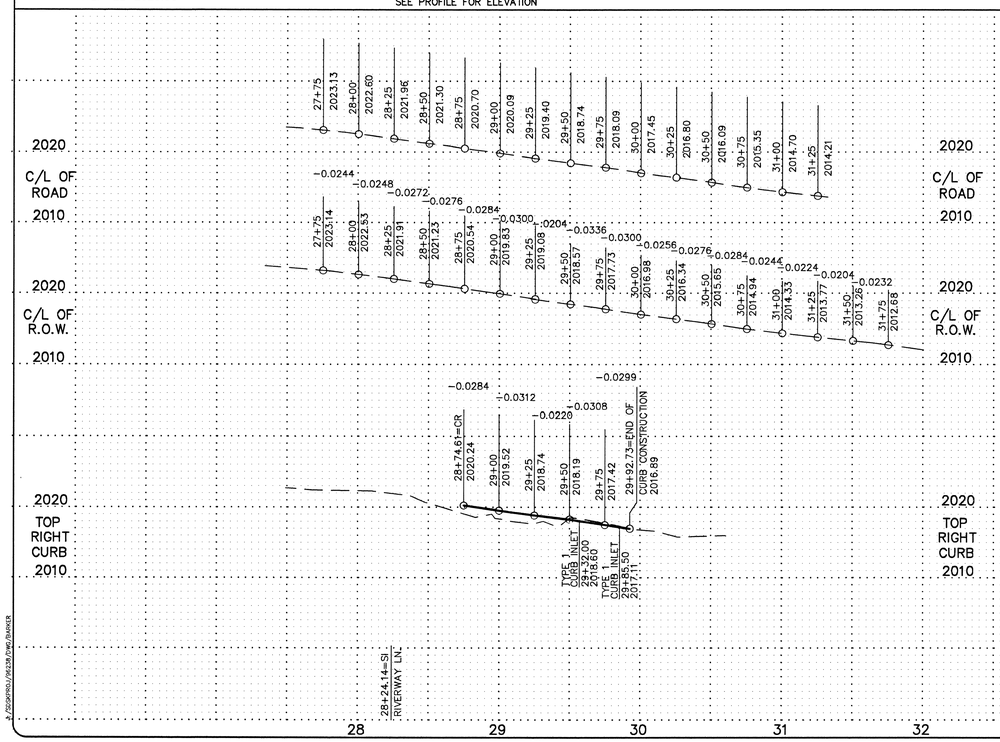
1. INSTALL WHEELCHAIR RAMP PER SPOKANE COUNTY STANDARD PLAN A-5, DESIGN "A" (TYP.).
2. EXISTING "BUS STOP" SIGN TO BE RELOCATED BY DEVELOPER
3. EXISTING LIGHT POLE TO BE RELOCATED BY DEVELOPER.
4. EXISTING POWER POLE. DO NOT DISTURB.
5. PROPOSED EDGE OF PAVEMENT.
6. EXISTING CONCRETE BARRIER.
7. STA. 39+32, RT. CONSTRUCT CURB INLET TYPE 1 PER SPOKANE COUNTY STANDARD DETAIL B-8 AND DETAIL ON SHEET 7. SEE PROFILE FOR ELEVATION
8. STA. 29+85.50, RT. CONSTRUCT CURB INLET TYPE 1 PER SPOKANE COUNTY STANDARD DETAIL B-8 AND DETAIL ON SHEET 7. SEE PROFILE FOR ELEVATION
9. STA. 29+73, 32' RT. INSTALL TYPE 'A' DRYWELL WITH TYPE 4 METAL FRAME WITH SOLID LID PER SPOKANE COUNTY DETAILS B-1 AND B-15. SEE DETAIL 1, SHEET 7. LID EL.=2017.16
10. SAWCUT 2' OF EXISTING PAVEMENT FROM STA. 27+11.62 TO 31+51.44. TACKCOAT NEW PAVEMENT TO EXISTING.

COUNTY DATUM

"X" MARKED IN FIRE HYDRANT ON NORTH SIDE OF INDIANA, NORTHEAST OF INTERSECTION OF MCMILLIAN LN. AND INDIANA AVE. EL=2029.93

DEVELOPER'S APPROVAL

4-22-98
DATE



SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #: P-1441
DATE ACCEPTED: 4-29-1998
ACCEPTANCE EXPIRES: 4-29-2001
PROJECT LANE MILES PUBLIC: 0.6
PROJECT LANE MILES PRIVATE: 0.6
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) 456-3900
NOTIFY PERMIT ENGINEER 2 BUSINESS DAYS PRIOR TO CONSTRUCTION

NO.	DATE	BY	REVISIONS

TODD R. WHIPPLE MASTER SIGNATURE REGISTERED PROFESSIONAL ENGINEER 25462 STATE OF WASHINGTON
EXPIRES 9/24/98

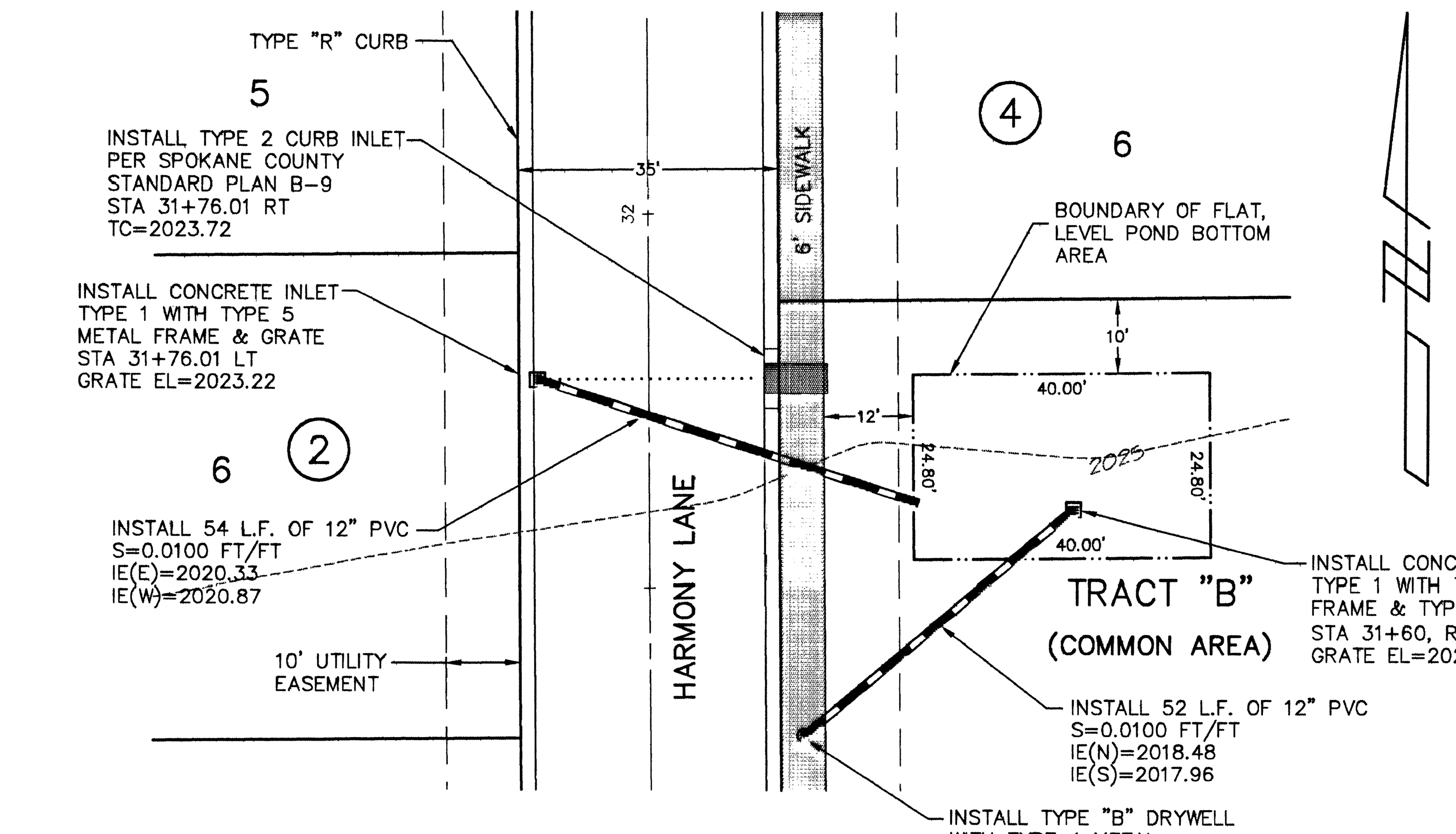
DATE: 4/21/98
DRAWN BY: JFC, MLH
DESIGNED BY: SKM
CHECKED BY: TRW

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

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

RIVERWALK 9TH ADDITION
BARKER ROAD
STREET

SHEET 5 OF 8
JOB NUMBER 96238

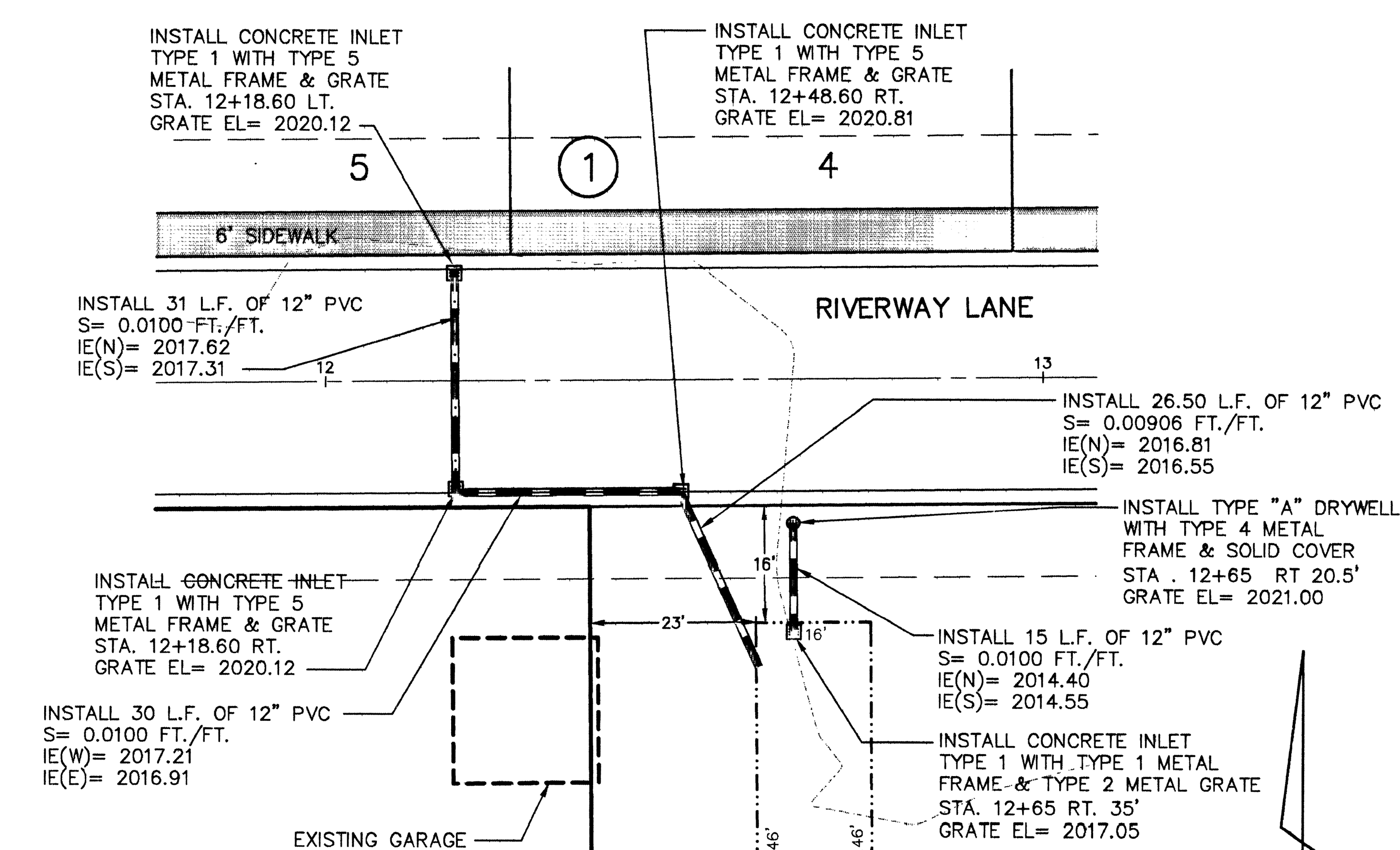


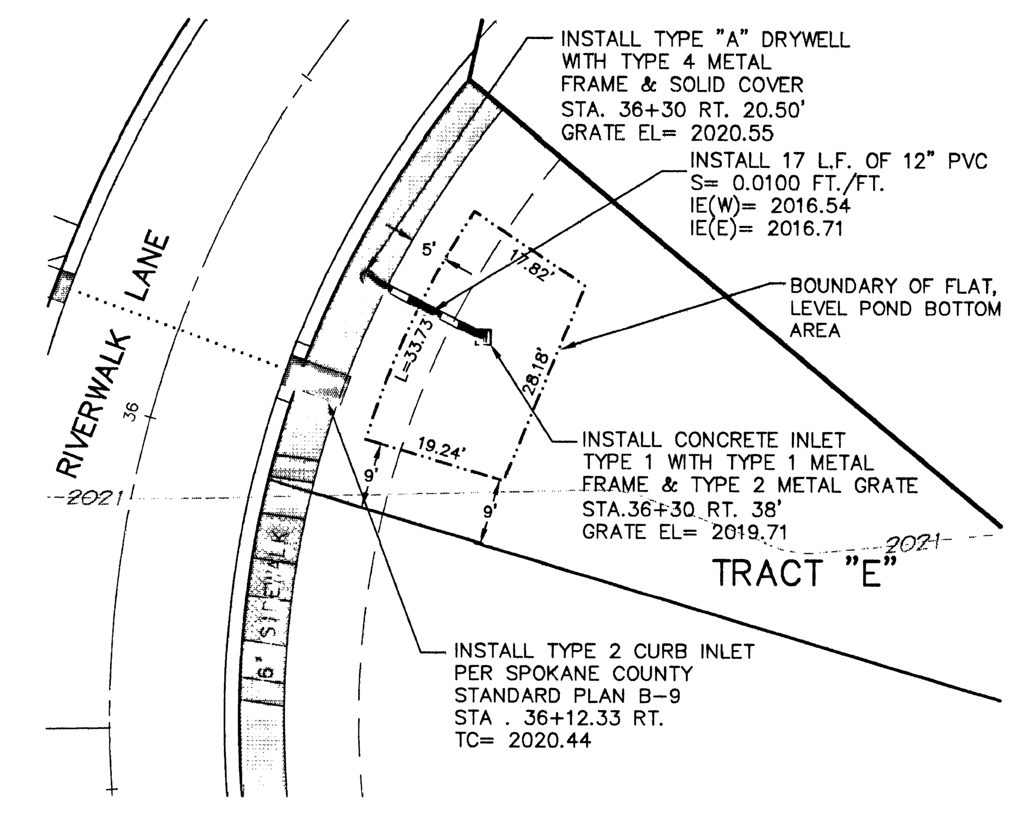
POND C (1/6)

POND BOTTOM EL=2020.33
'208' AREA REQUIRED=948 SF
'208' AREA PROVIDED=992 SF
MINIMUM BERM EL=2023.92

POND B BOTTOM LOCATION TABLE HARMONY LANE STATION & OFFSET		
POINT	STATION	OFFSET
A	30+04.52	28.50' RT
B	30+04.52	48.50' RT
C	29+79.52	48.49' RT
D	29+98.82	28.50' RT

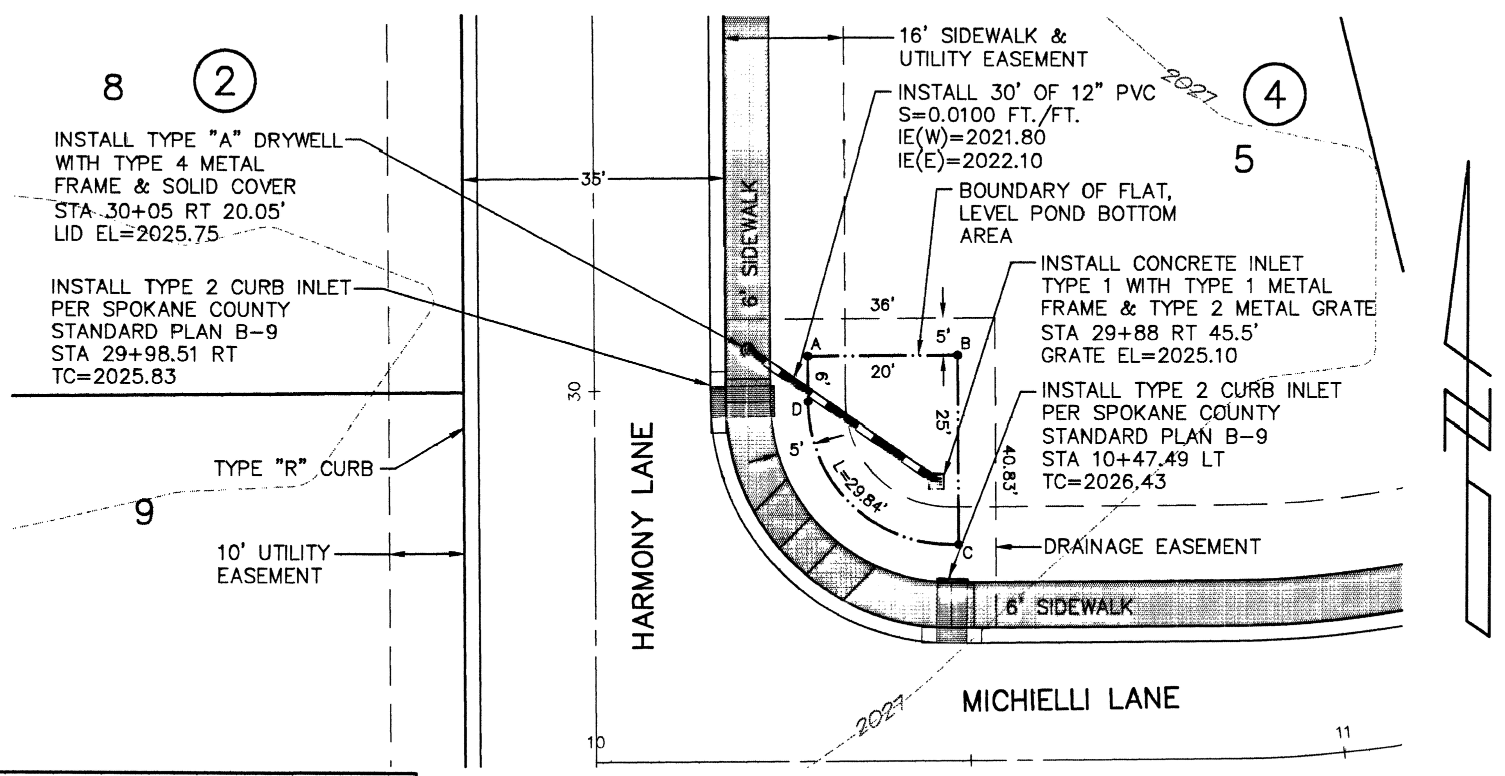
NOTE:
ALL POND BOTTOM ELEVATIONS ARE TOP OF SOD ELEVATIONS. SEE TYPICAL '208' DETAILS ON SHEET 6 FOR ROUGH GRADE ELEVATION DIFFERENCE.





POND G (3/6)

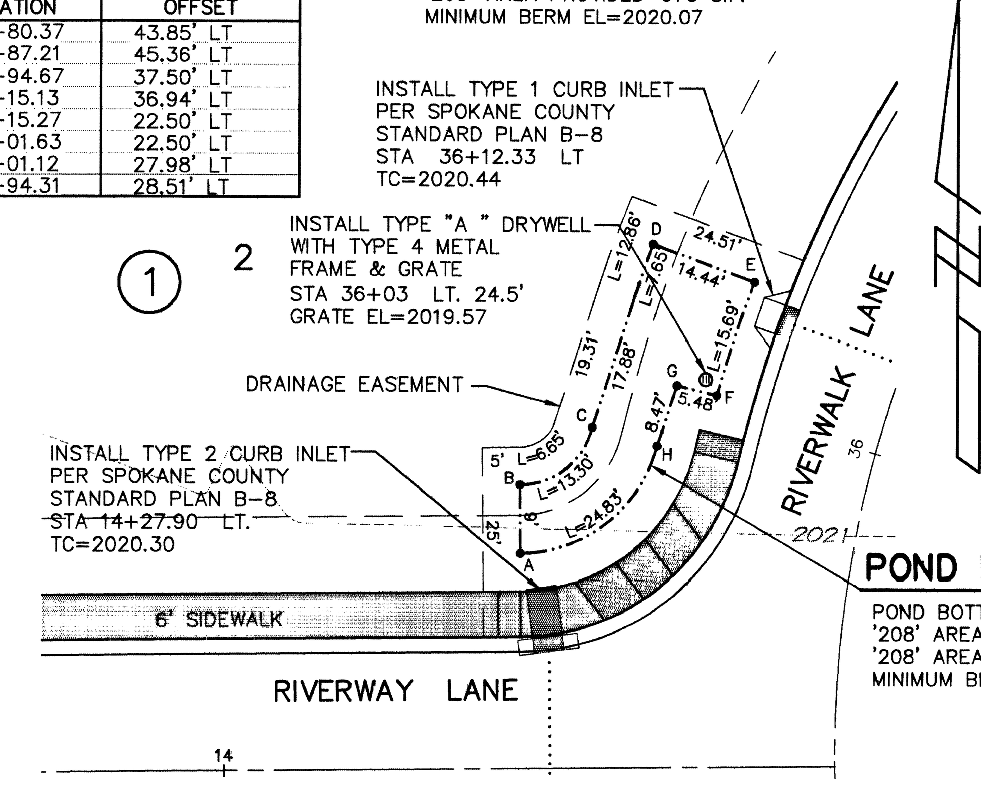
POND BOTTOM EL=2019.21
'208' AREA REQUIRED=508 S.F.
'208' AREA PROVIDED=593 S.F.
MINIMUM BERM EL=2020.64



POND F BOTTOM LOCATION TABLE RIVERWALK LANE STATION & OFFSET		
POINT	STATION	OFFSET
A	25+80.37	43.85' LT
B	35+87.21	45.36' LT
C	35+94.67	37.50' LT
D	36+15.13	36.94' LT
E	36+15.27	22.50' LT
F	36+01.63	22.50' LT
G	36+01.12	27.98' LT
H	35+94.31	28.51' LT

POND E (2/6)

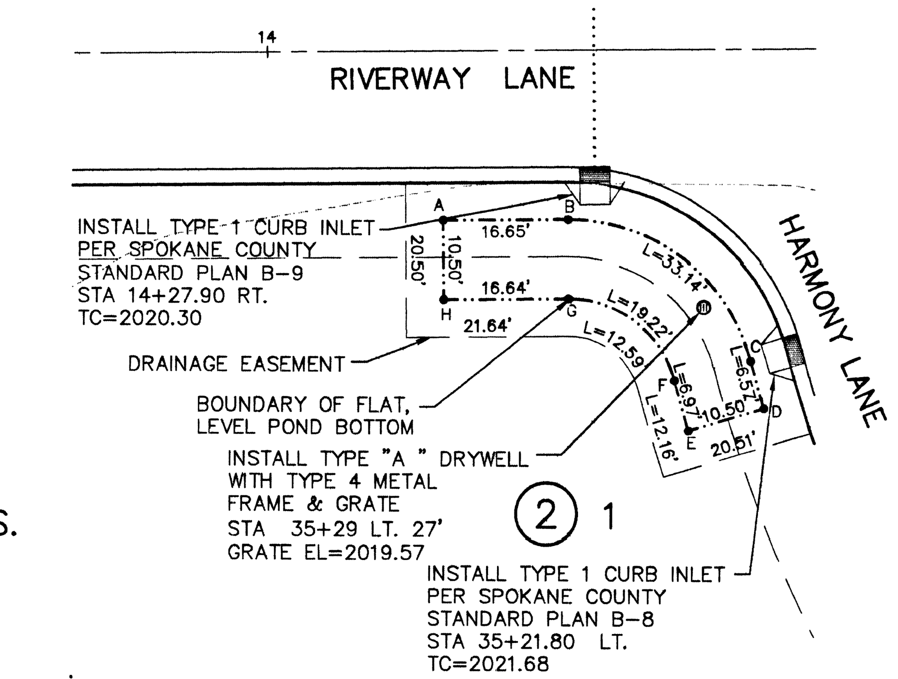
POND BOTTOM EL=2016.55
'208' AREA REQUIRED=940 S.F.
'208' AREA PROVIDED=975 S.F.
MINIMUM BERM EL=2020.07



POND F (5/6)

POND BOTTOM EL=2019.07
'208' AREA REQUIRED=430 S.F.
'208' AREA PROVIDED=485 S.F.
MINIMUM BERM EL=2020.50

NOTE:
THE CONCRETE DRYWELL CAPS SHALL BE PLACED 46" BELOW THE DRYWELL GRATE ELEVATIONS. SO THAT THERE WILL BE NO INTERFERENCE W/ UTILITY LINES.



POND D (6/6)

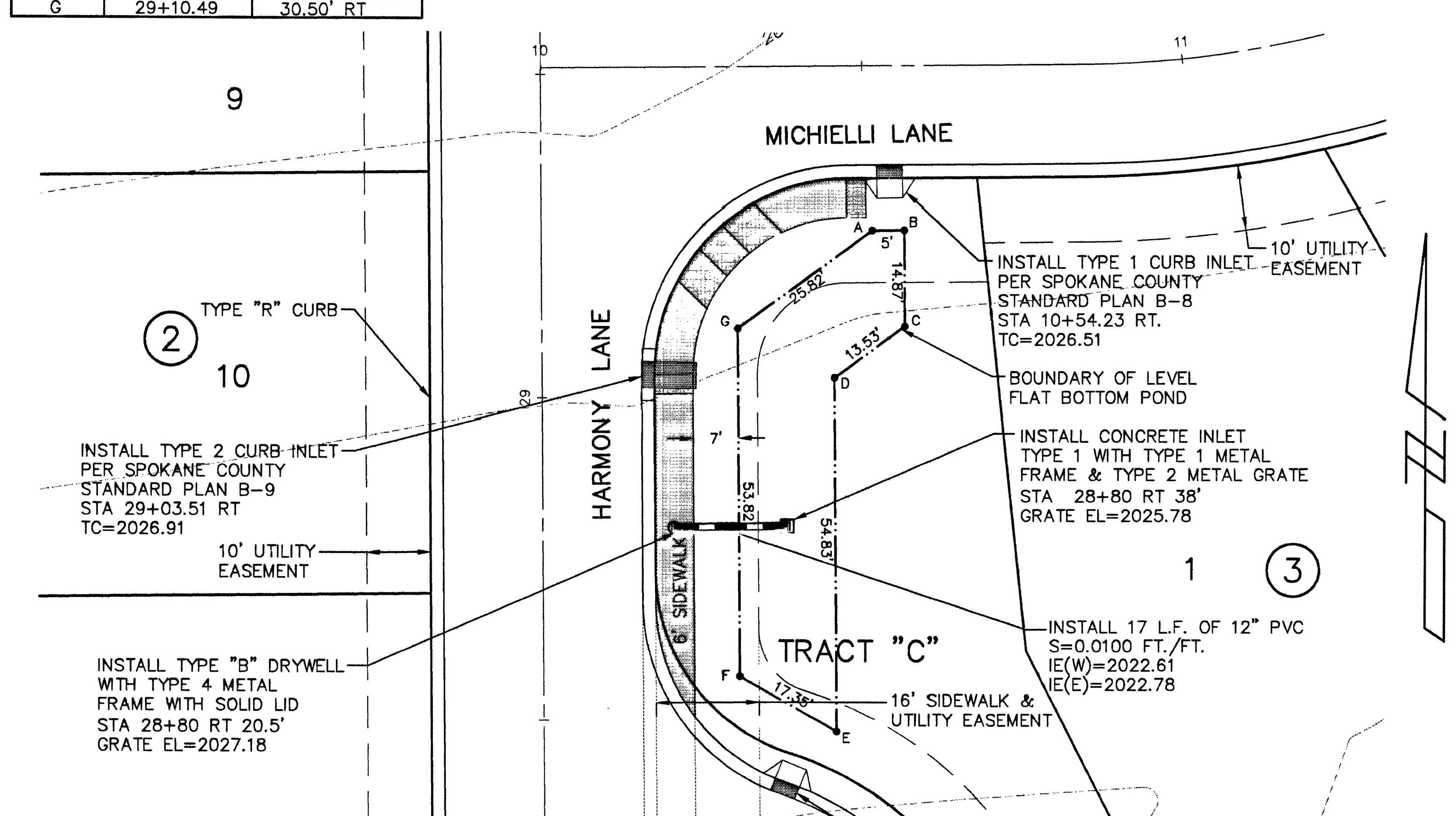
POND BOTTOM EL=2019.07
'208' AREA REQUIRED=514 S.F.
'208' AREA PROVIDED=520 S.F.
MINIMUM BERM EL=2020.50

POND D BOTTOM LOCATION TABLE RIVERWAY LANE STATION & OFFSET		
POINT	STATION	OFFSET
A	14+16.70	22.50' RT
B	14+33.34	22.50' RT
C	14+57.60	41.43' RT
D	14+59.31	47.78' RT
E	14+49.23	50.71' RT
F	14+47.41	43.98' RT
G	14+33.34	33.00' RT
H	14+16.70	33.00' RT

POND A BOTTOM LOCATION TABLE HARMONY LANE STATION & OFFSET		
POINT	STATION	OFFSET
A	29+25.52	51.50' RT
B	29+25.52	56.50' RT
C	29+10.24	55.92' RT
D	29+02.78	45.50' RT
E	28+47.95	45.50' RT
F	28+56.67	30.50' RT
G	29+10.49	30.50' RT

POND B (4/6)

POND BOTTOM EL=2024.60
'208' AREA REQUIRED=384 SF
'208' AREA PROVIDED=422 SF
MINIMUM BERM EL=2026.03

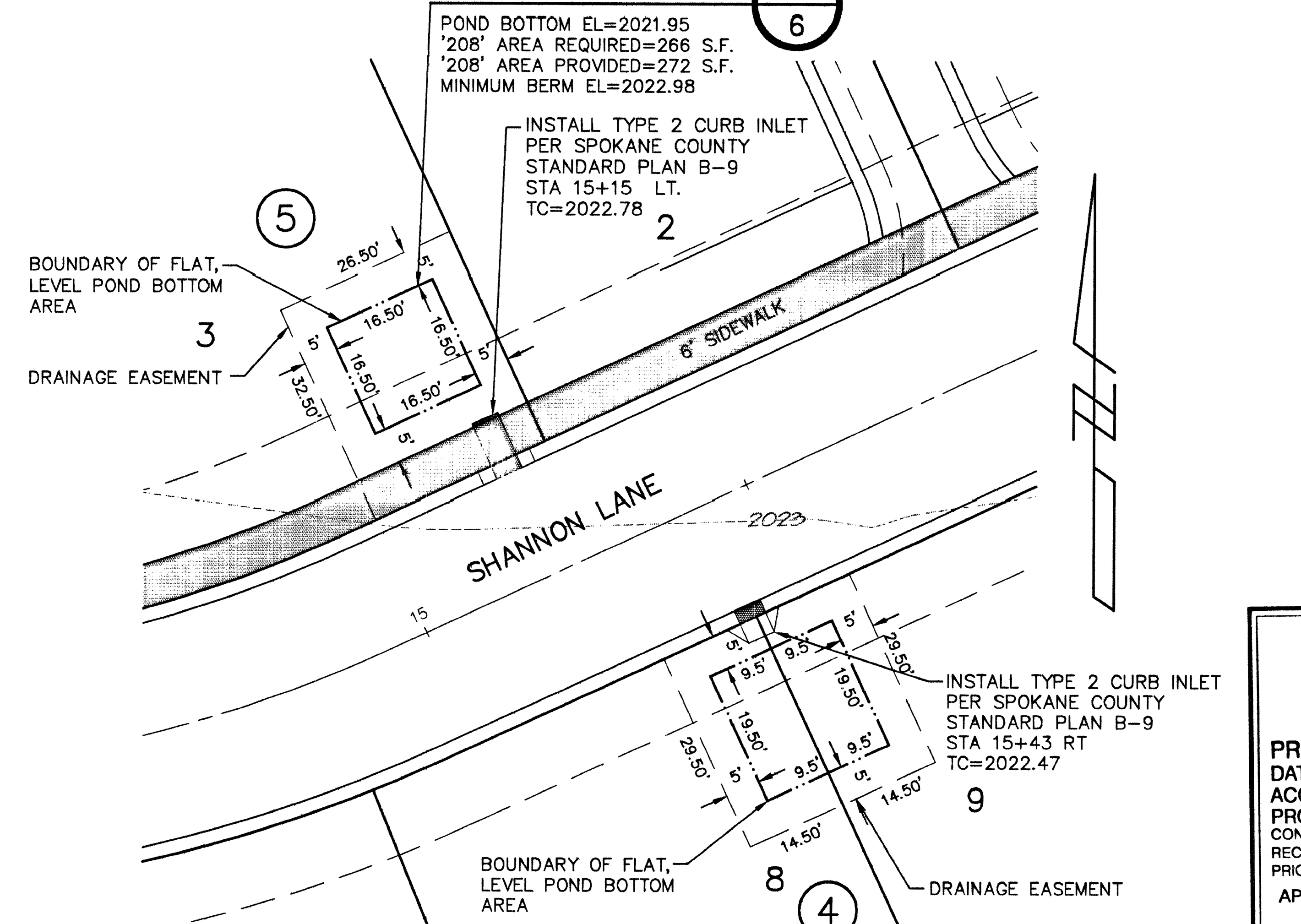


POND A (7/6)

POND BOTTOM EL=2025.28
'208' AREA REQUIRED=754 SF
'208' AREA PROVIDED=868 SF
MINIMUM BERM EL=2026.64

POND H (8/6)

POND BOTTOM EL=2021.95
'208' AREA REQUIRED=266 S.F.
'208' AREA PROVIDED=272 S.F.
MINIMUM BERM EL=2022.98

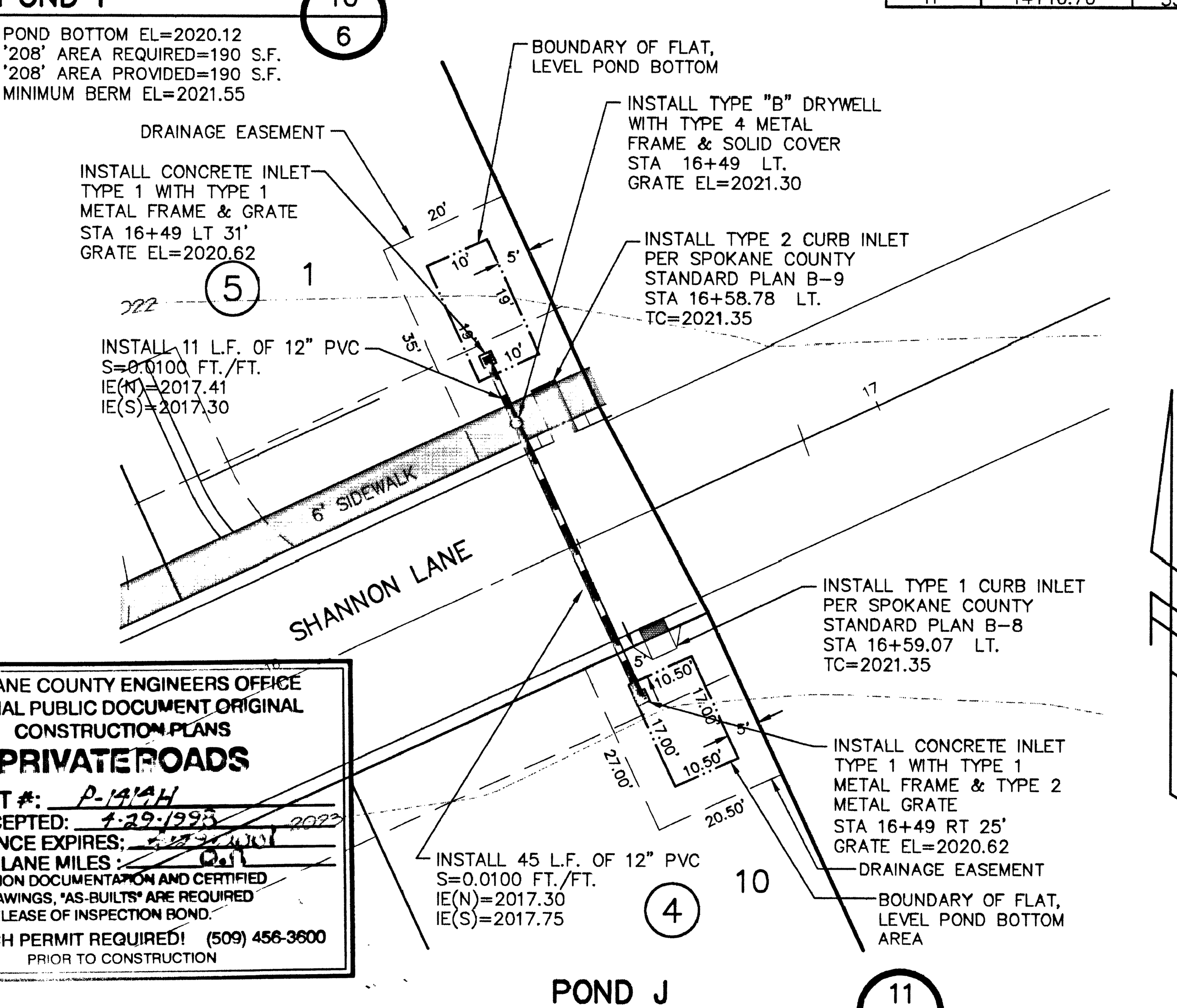


POND K (9/6)

POND BOTTOM EL=2021.64
'208' AREA REQUIRED=326 S.F.
'208' AREA PROVIDED=370.5 S.F.
MINIMUM BERM EL=2022.67

POND I (10/6)

POND BOTTOM EL=2020.12
'208' AREA REQUIRED=190 S.F.
'208' AREA PROVIDED=190 S.F.
MINIMUM BERM EL=2021.55



POND J (11/6)

POND BOTTOM EL=2020.12
'208' AREA REQUIRED=174 S.F.
'208' AREA PROVIDED=178.5 S.F.
MINIMUM BERM EL=2021.55

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PRIVATE ROADS
PROJECT #: P-1414H
DATE ACCEPTED: 4-29-1998
ACCEPTANCE EXPIRES: 4-29-2001
PROJECT LANE MILES: 0.11
CONSTRUCTION DOCUMENTATION AND CERTIFIED RECORD DRAWINGS, "AS-BUILTS" ARE REQUIRED PRIOR TO RELEASE OF INSPECTION BOND.
APPROACH PERMIT REQUIRED! (509) 456-3600
PRIOR TO CONSTRUCTION

DEVELOPER'S APPROVAL

4-22-98
DATE

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

NO.	DATE	BY	REVISIONS

TODD R. WHIPPLE — STATE OF WASHINGTON — REGISTERED PROFESSIONAL ENGINEER 25462
EXPIRES 9/24/98

DATE: 4/21/98
DRAWN BY: MLH
DESIGNED BY: SKM
CHECKED BY: TRW

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

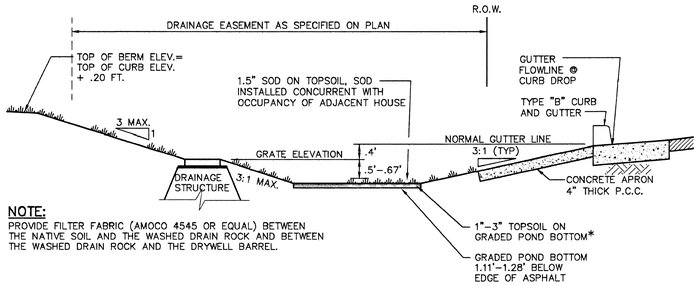
INLAND PACIFIC ENGINEERING
707 West 7th • Suite 200 Spokane, WA 99204
(509) 458-6840 FAX: (509) 458-6844

STREET

RIVERWALK 9TH ADDITION
POND DETAILS

SHEET 6 OF 8
JOB NUMBER 96238

J:/SDSKPROJ/96238/DWG/PONDDET
J:\sdskproj\96238\dwg\PONDDET Tue Apr 21 17:27:26 1998



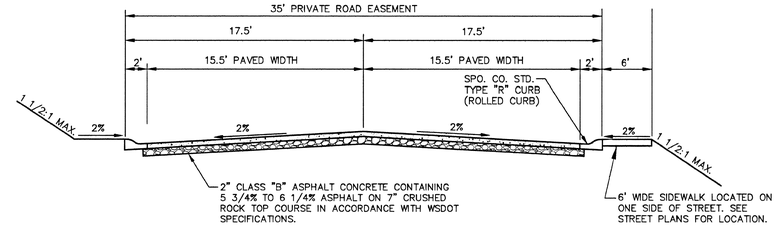
NOTE:
PROVIDE FILTER FABRIC (AMOCO 4545 OR EQUAL) BETWEEN THE NATIVE SOIL AND THE WASHED DRAIN ROCK AND BETWEEN THE WASHED DRAIN ROCK AND THE DRYWELL BARREL.

SECTIONAL VIEW

TYPICAL "208" POND WITH DRAINAGE STRUCTURE

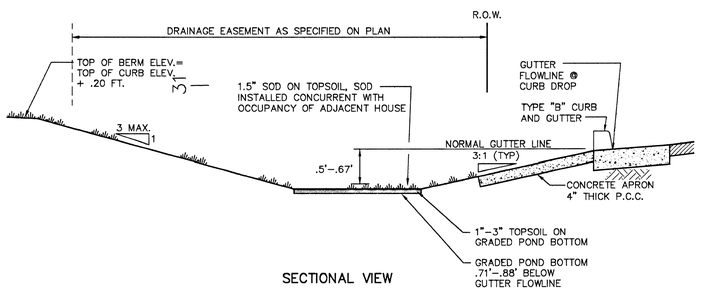
NOT TO SCALE

*WARNING – THE USE OF SANDY LOAM IS PROHIBITED AS POND BOTTOM MATERIAL!



TYPICAL PRIVATE ROAD SECTION

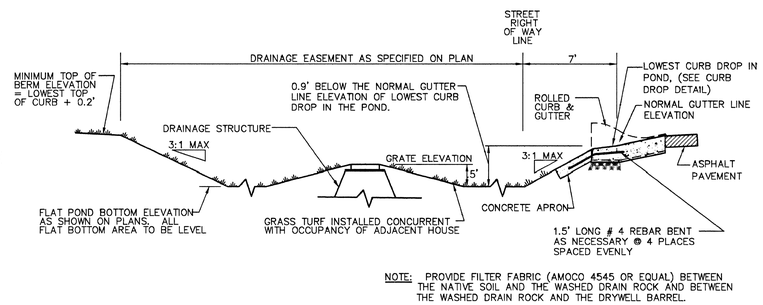
NOT TO SCALE



SECTIONAL VIEW

TYPICAL "208" POND WITH OUT DRAINAGE STRUCTURE

NOT TO SCALE

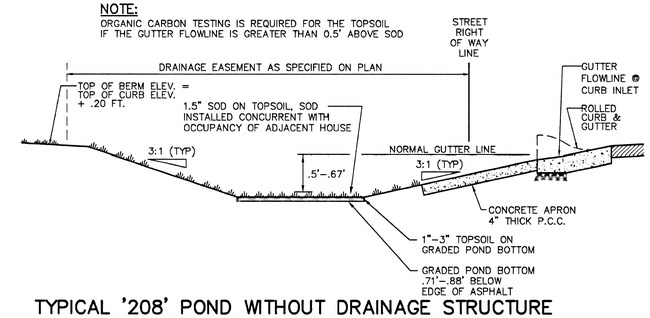


NOTE: PROVIDE FILTER FABRIC (AMOCO 4545 OR EQUAL) BETWEEN THE NATIVE SOIL AND THE WASHED DRAIN ROCK AND BETWEEN THE WASHED DRAIN ROCK AND THE DRYWELL BARREL.

TYPICAL '208' POND WITH DRAINAGE STRUCTURE

NOT TO SCALE

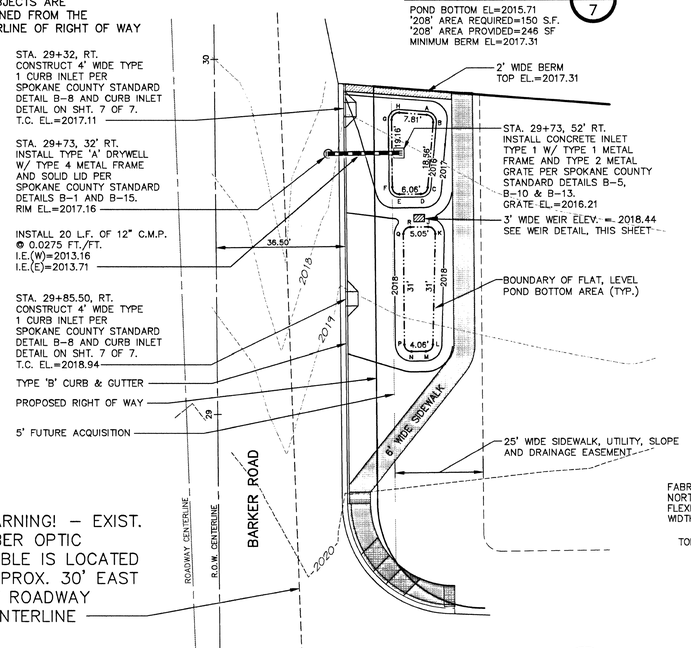
NOTE:
ORGANIC CARBON TESTING IS REQUIRED FOR THE TOPSOIL IF THE GUTTER FLOWLINE IS GREATER THAN 0.5' ABOVE SOD



TYPICAL '208' POND WITHOUT DRAINAGE STRUCTURE

NOT TO SCALE

NOTE:
ALL OBJECTS ARE STATIONED FROM THE CENTERLINE OF RIGHT OF WAY



POND P2 (1/7)

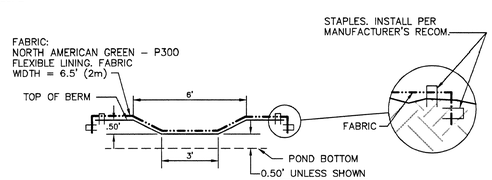
POND BOTTOM EL=2015.71
'208' AREA REQUIRED=150 S.F.
'208' AREA PROVIDED=246 SF
MINIMUM BERM EL=2017.31

POND P1 (2/7)

POND BOTTOM EL=2017.60
'208' AREA REQUIRED=391 S.F.
'208' AREA PROVIDED=296 S.F.
MINIMUM BERM EL=2018.80

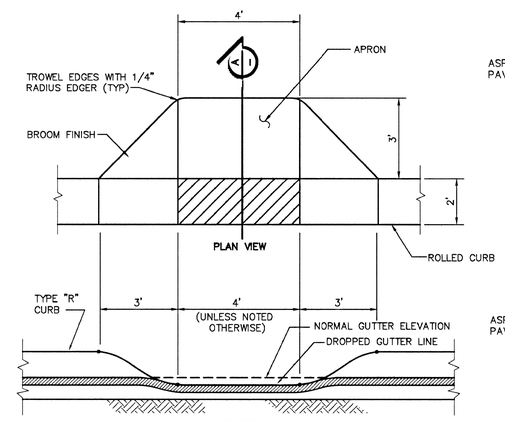
POND BOTTOM LOCATION TABLE
BARKER ROAD STATION & OFFSET

POINT	STATION	OFFSET
A	29+83.82	59.95' RT
B	29+81.64	61.77' RT
C	29+63.16	60.05' RT
D	29+61.35	58.06' RT
E	29+61.35	52.00' RT
F	29+63.35	50.00' RT
G	29+82.51	50.00' RT
H	29+84.50	52.17' RT
J	29+52.00	60.05' RT
K	29+49.94	62.05' RT
L	29+18.94	61.06' RT
M	29+17.00	59.06' RT
N	29+17.00	55.00' RT
P	29+19.00	53.00' RT
Q	29+50.00	53.00' RT
R	29+52.00	55.00' RT



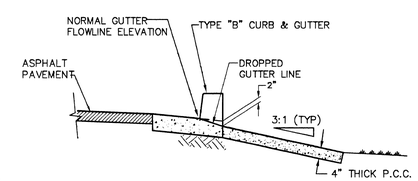
WEIR DETAIL (3/7)

N.T.S.

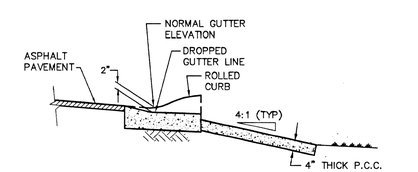


TYPICAL TYPE 1 CURB INLET

TYPE "R" CURB (NOT TO SCALE)



SECTION
TYPE "B" CURB & GUTTER (A/–)



SECTION
TYPE "R" CURB (A/–)

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PRIVATE ROADS
PROJECT #: P-1414H
DATE ACCEPTED: 2-29-1999
ACCEPTANCE EXPIRES: 2-29-2001
PROJECT LANE MILES: 0.05
CONSTRUCTION DOCUMENTATION AND CERTIFIED RECORD DRAWINGS, "AS-BUILTS" ARE REQUIRED PRIOR TO RELEASE OF INSPECTION BOND.
APPROACH PERMIT REQUIRED! (509) 456-3600 PRIOR TO CONSTRUCTION

DEVELOPER'S APPROVAL — DATE: 4-22-98

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

NO.	DATE	BY	REVISIONS

TODD R. WHIPPLE — STATE OF WASHINGTON — 25463 — REGISTERED PROFESSIONAL ENGINEER
EXPIRES 9/24/98

DATE: 4/21/98
DRAWN BY: M.L.H., JFC
DESIGNED BY: SKM
CHECKED BY: TRW

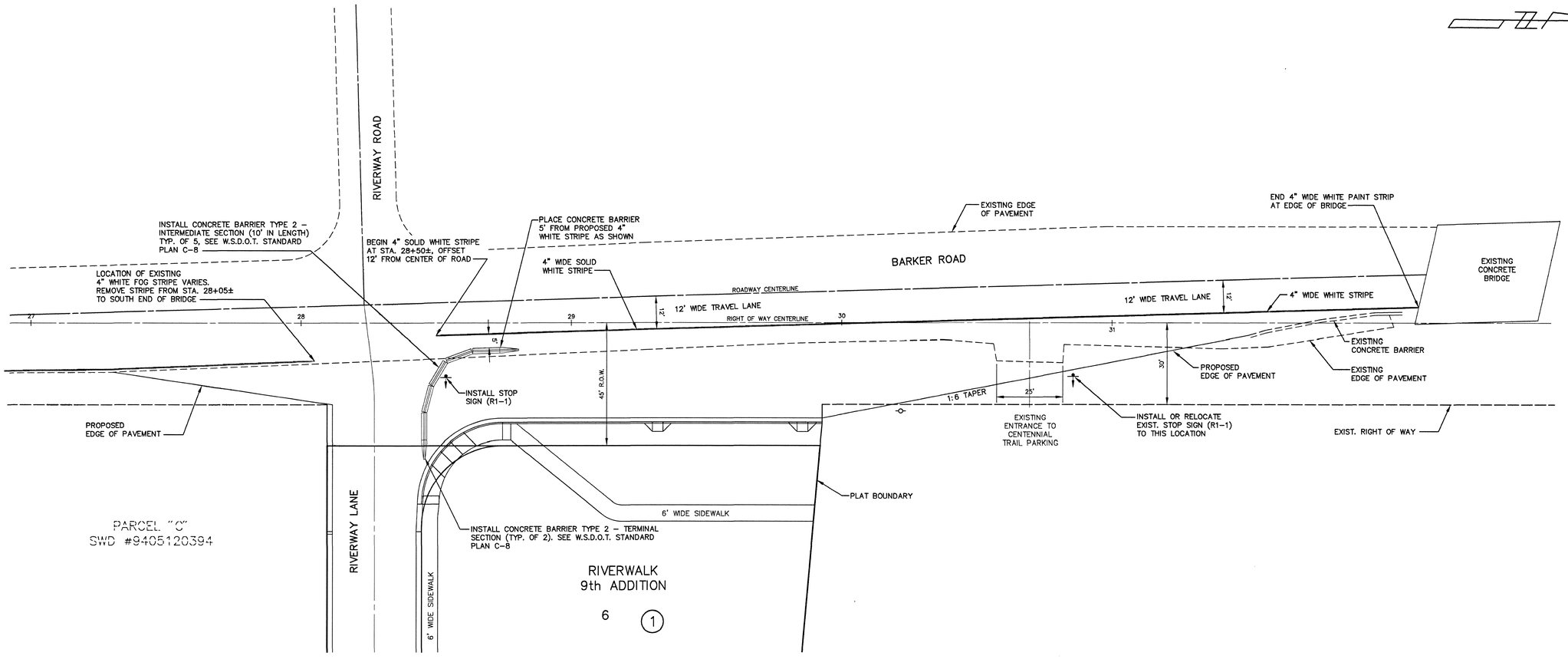
SCALE:
HORIZONTAL: AS SHOWN
VERTICAL: N/A

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

RIVERWALK 9TH ADDITION
DETAILS
STREET

SHEET 7 OF 8
JOB NUMBER 96238

J:\96238PROJ\96238\DWG\DETAILS



SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PRIVATE ROADS
PROJECT #: P-14141
DATE ACCEPTED: 4-22-1998
ACCEPTANCE EXPIRES: 2-22-2001
PROJECT LANE MILES: 0.25
CONSTRUCTION DOCUMENTATION AND CERTIFIED RECORD DRAWINGS, "AS-BUILTS" ARE REQUIRED PRIOR TO RELEASE OF INSPECTION BOND.
APPROACH PERMIT REQUIRED! (509) 456-3600 PRIOR TO CONSTRUCTION

SEC. 8, T.25 N., R.45 E.,W.M.
SPOKANE COUNTY, WASHINGTON

DEVELOPER'S APPROVAL — DATE 4-22-98

NO.	DATE	BY	REVISIONS

EXPIRES 9/24/

DATE: 4/21/98
DRAWN BY: JFC
DESIGNED BY: TRW
CHECKED BY: TRW

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

INLAND PACIFIC ENGINEERING
707 West 7th, Suite 200
Spokane, WA 99204
(509) 456-6840
FAX: (509) 456-6844

RIVERWALK 9th ADDITION
BARKER ROAD

CHANNELIZATION

SHEET 8 OF 8
JOB NUMBER 96238