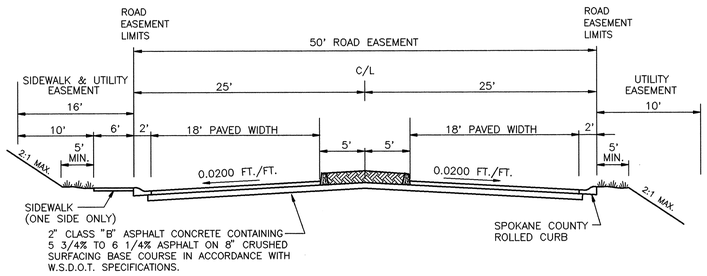
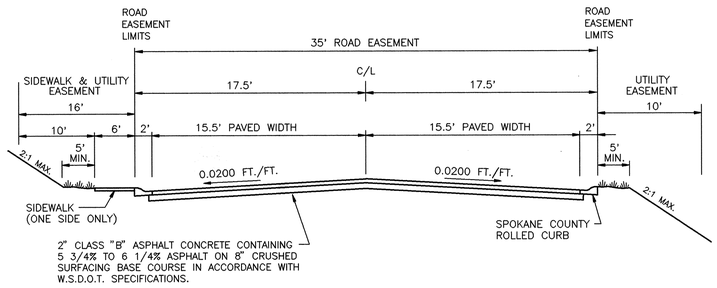
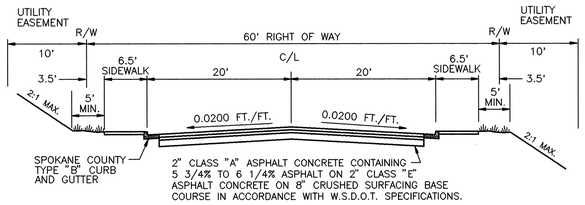
STREET PLANS FOR
RIVERWALK 2ND ADDITION
SEC 8, T.25N., R.45E., W.M.
SPOKANE COUNTY, WASHINGTON



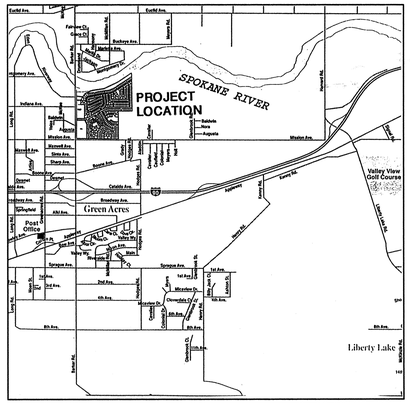
TYPICAL CROSS-SECTION
N.T.S.
SNAKE RIVER LANE



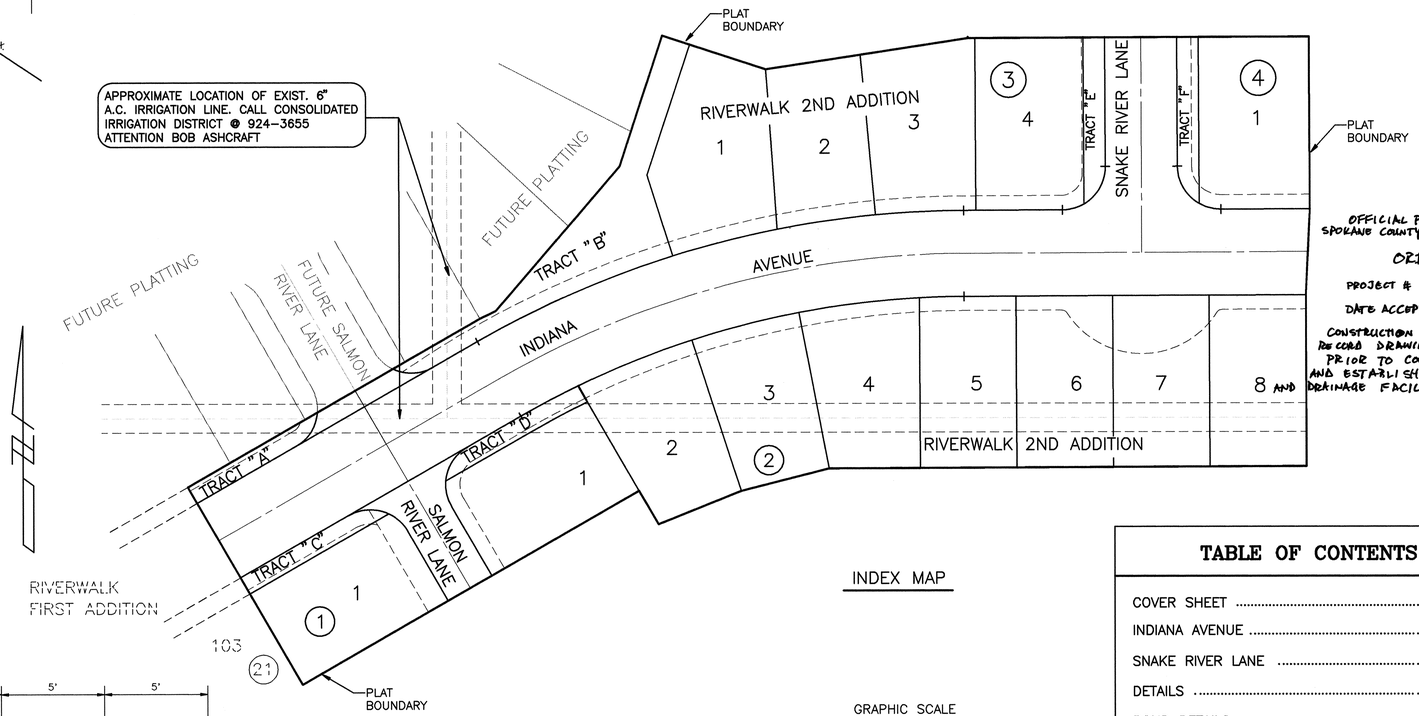
TYPICAL CROSS-SECTION
SALMON RIVER LANE



TYPICAL CROSS-SECTION
N.T.S.
INDIANA AVENUE



VICINITY MAP



INDEX MAP

OFFICIAL PUBLIC DOCUMENT
SPOKANE COUNTY ENGINEER'S OFFICE
ORIGINAL
PROJECT # : P1414A
DATE ACCEPTED: 31 OCT 95 [illegible]
CONSTRUCTION DOCUMENTATION AND RECORD DRAWINGS ARE REQUIRED PRIOR TO COUNTY ACCEPTANCE AND ESTABLISHMENT OF THE ROADS DRAINAGE FACILITIES FOR MAINTENANCE

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) 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.

3) THE CONTRACTOR IS REQUIRED TO HAVE A COMPLETE SET OF THE APPROVED ROAD AND DRAINAGE PLANS ON THE JOB SITE WHENEVER CONSTRUCTION IS IN PROGRESS.

4) IF THE CONTRACTOR DISCOVERS ANY DISCREPANCIES BETWEEN THE PLANS AND EXISTING CONDITIONS ENCOUNTERED, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE DESIGN ENGINEER AND THE SPOKANE COUNTY ENGINEER'S OFFICE.

5) 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 THE NATIVE SOILS.

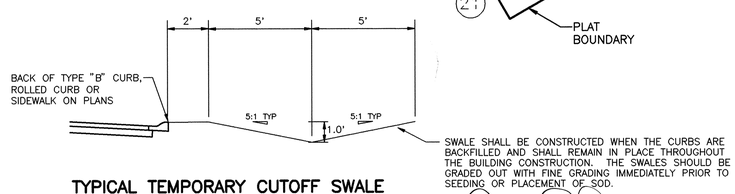
6) PRIOR TO SITE CONSTRUCTION, THE CONTRACTOR IS RESPONSIBLE FOR LOCATING UNDERGROUND UTILITIES. CALL THE UNDERGROUND UTILITY LOCATION SERVICE AT 456-8000 BEFORE YOU DIG.

7) THE CONTRACTOR SHALL MAKE AN EFFORT TO PROTECT ALL CATCH BASINS AND DRYWELLS FROM BEING CONTAMINATED WITH SILT BY INSTALLING FILTER FABRIC OVER THE METAL FRAME DURING THE INSTALLATION AND KEEPING IT IN PLACE UNTIL THE STREETS HAVE BEEN PAVED AND CLEANED.

8) THE STREET FRONTAGE OF ALL LOTS SHALL BE GRADED WITH A TEMPORARY CUTOFF SWALE AS SHOWN ON THIS PAGE.

9) ALL DRYWELL CONNECTION PIPES SHALL BE PLACED BELOW THE DRYWELL CONCRETE CAP AND SHALL FLOW AS DIRECTED IN THE PLANS.

10) FOR ANY CURB GRADES LESS THAN 0.8% (0.00800FT./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 AND COORDINATING WORK WITH THE PROFESSIONAL LAND SURVEYOR.



TYPICAL TEMPORARY CUTOFF SWALE

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

TABLE OF CONTENTS

COVER SHEET ..... SHEET 1
INDIANA AVENUE ..... SHEET 2
SNAKE RIVER LANE ..... SHEET 3
DETAILS ..... SHEET 4
POND DETAILS ..... SHEET 5

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.

CALL BEFORE YOU DIG 456-8000

DEVELOPER'S APPROVAL

10·30·95
DATE

NO.	DATE	BY	REVISIONS

JOHN R. WHIPPLE, STATE OF WASHINGTON, 22456, REGISTERED PROFESSIONAL ENGINEER
EXPIRES 9/24/96

DATE: 10-26-95
DRAWN BY: MDH, REV
DESIGNED BY: BAH
CHECKED BY: TRW

SCALE:
HORIZONTAL: AS NOTED
VERTICAL: N/A

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

RIVERWALK 2ND ADDITION
COVER SHEET
STREET

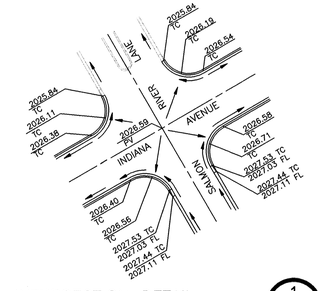
SHEET 1 OF 5
JOB NUMBER 95617

1414A

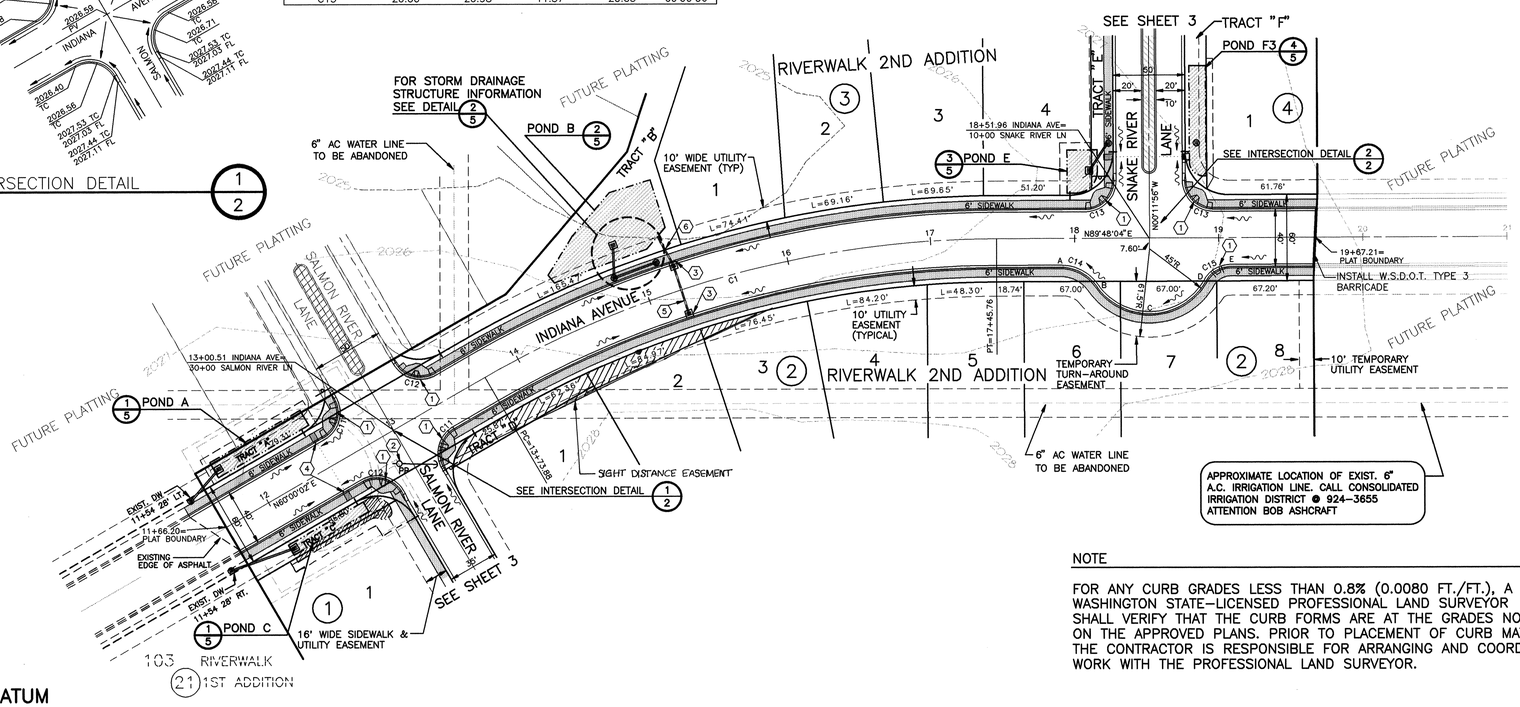
LP1414A-0TTL-2.TIF

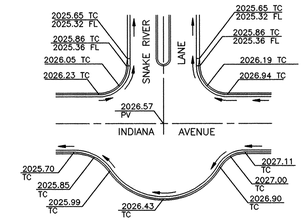
CURVE INFORMATION

CURVE	RADIUS	LENGTH	TANGENT	CHORD	DELTA
C1	715.00'	371.89'	190.25'	367.71'	29°48'02"
C11	20.00'	31.41'	20.00'	28.28'	89°59'45"
C12	20.00'	31.42'	20.00'	28.29'	90°00'15"
C13	20.00'	31.42'	20.00'	28.28'	90°00'00"
C14	30.00'	29.10'	15.81'	27.97'	55°34'28"
C15	20.00'	20.98'	11.57'	20.03'	60°06'06"



INTERSECTION DETAIL 1/2





INTERSECTION DETAIL 2/2

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

DATUM

REFER TO THE BENCHMARK DESCRIBED ON SHEET 1A OF 13 IN THE RIVERWALK SEWER EXTENSION PLANS APPROVED BY SPOKANE COUNTY MAY 16, 1995.

NOTE

FOR ANY CURB GRADES LESS THAN 0.8% (0.0080 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 AND COORDINATING WORK WITH THE PROFESSIONAL LAND SURVEYOR.

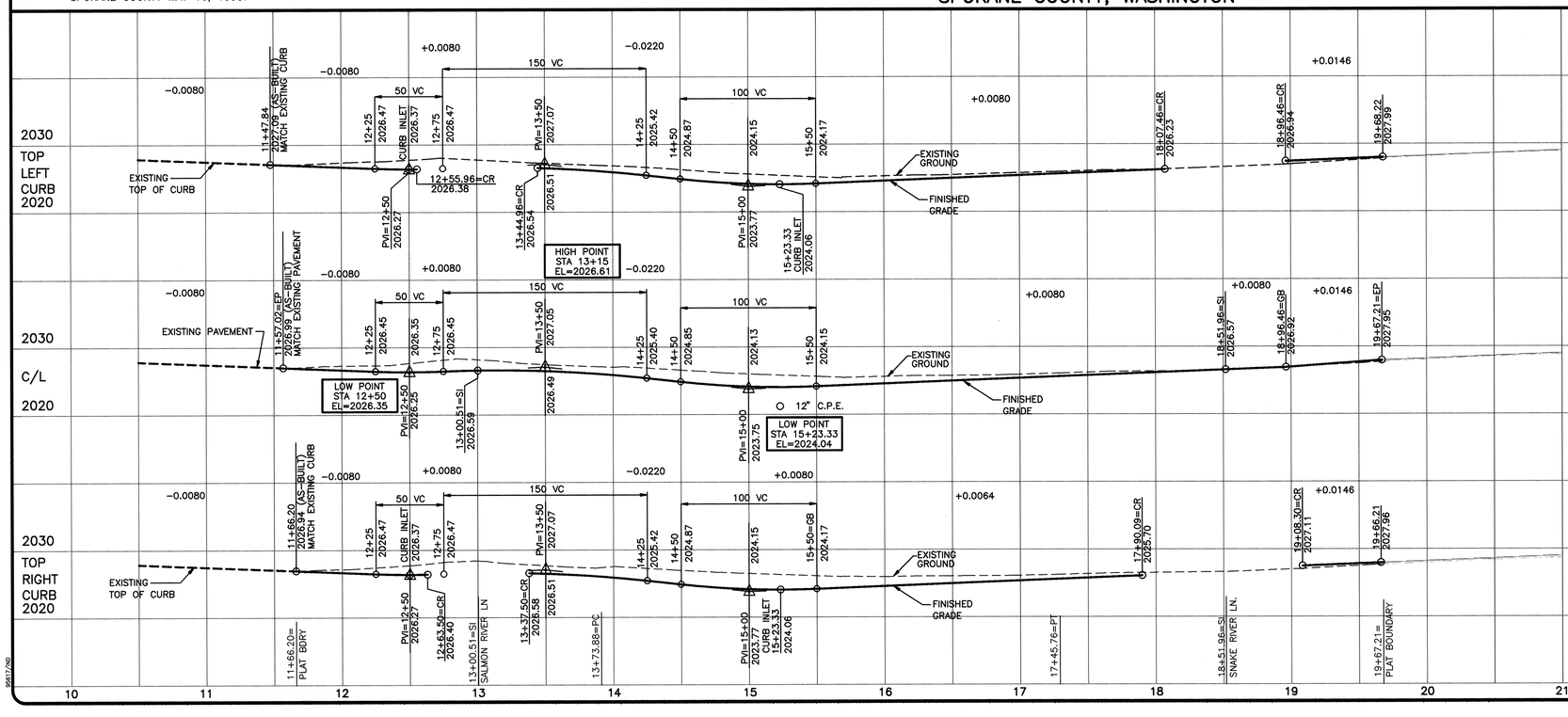
CONSTRUCTION NOTES

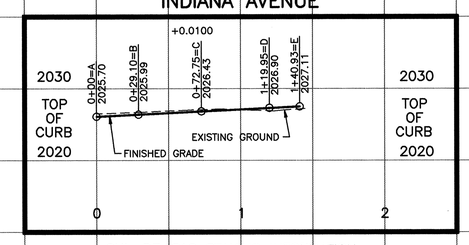
1. CONSTRUCT WHEELCHAIR RAMP PER SPOKANE COUNTY STD. A-5
2. POWER POLE TO BE RELOCATED BY OTHERS
3. CONSTRUCT SPOKANE COUNTY CONCRETE INLET TYPE 1 PER STD B-5 WITH TYPE 2 METAL FRAME AND GRATE STA=15+23.33 GRATE EL=2023.39
4. CONSTRUCT SPOKANE COUNTY CURB INLET TYPE 2 PER STD B-9 STA=12+50
5. 38 L.F. OF 12" SMOOTH-WALLED C.P.E. @ 0.0100 FT./FT. IE(S)=2020.89 IE(N)=2020.51
6. 22 L.F. OF 12" SMOOTH-WALLED C.P.E. @ 0.0100 FT./FT. IE(S)=2020.51 IE(N)=2020.29

DEVELOPER'S APPROVAL — DATE 10.30.95

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

CALL BEFORE YOU DIG 456-8000





CUL-DE-SAC STAKING INFORMATION

OFFICIAL PUBLIC DOCUMENT
SPOKANE COUNTY ENGINEER'S OFFICE
ORIGINAL
PROJECT # SP1414
DATE ACCEPTED: 31 OCT 95
CONSTRUCTION DOCUMENTATION AND 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/

DATE: 10-26-95
DRAWN BY: SKM REV
DESIGNED BY: BAH
CHECKED BY: TRW

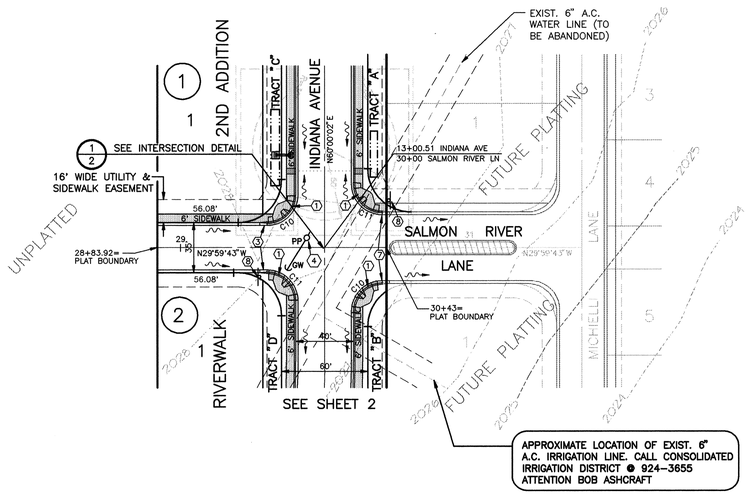
SCALE: HORIZONTAL: 1"=50' VERTICAL: 1"=10'

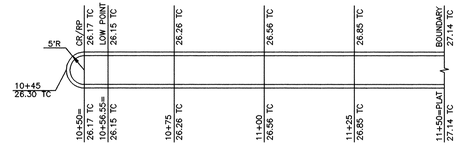
INLAND PACIFIC ENGINEERING
707 West 7th • Suite 200 Spokane, WA 99204
(509) 458-6840 FAX: (509) 458-6844

RIVERWALK 2ND ADDITION
INDIANA AVENUE STREET

SHEET 2 OF 5
JOB NUMBER 95617

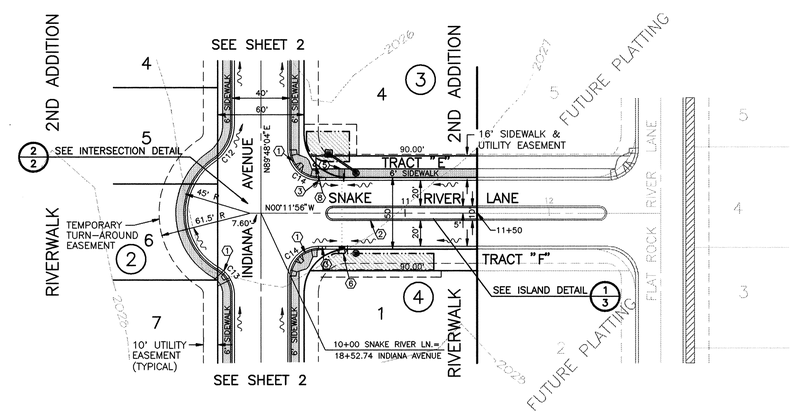
1414A





CURVE INFORMATION

CURVE	RADIUS	LENGTH	TANGENT	CHORD	DELTA
C10	20.00'	31.42'	20.00'	28.29'	90°00'15"
C11	20.00'	31.41'	20.00'	28.28'	89°59'45"
C12	30.00'	29.10'	15.81'	27.97'	55°34'28"
C13	20.00'	20.98'	11.57'	20.03'	60°06'06"
C14	20.00'	31.42'	20.00'	28.28'	90°00'00"



CONSTRUCTION NOTES

1. CONSTRUCT WHEELCHAIR RAMP PER SPOKANE COUNTY STD. A-5.
2. INSTALL SPOKANE COUNTY TYPE "A" CURB PER STD. A-3.
3. 5' CURB TRANSITION FROM TYPE "B" CURB & GUTTER TO ROLLED CURB. SEE DETAIL 1, SHEET 4
4. POWER POLE TO BE RELOCATED BY OTHERS
5. CONSTRUCT SPOKANE COUNTY CURB INLET TYPE 1 & 2 PER STD. B-8, B-9 STA=10+56.55
6. CONSTRUCT SPOKANE COUNTY CURB INLET TYPE 1 PER STD. B-8 L=4' STA=10+56.55
7. END CONSTRUCTION AT CURB RETURNS STA 13+40(SALMON RIVER LN.) LT. & RT.
8. INSTALL STREET AND STOP SIGN PER SPOKANE COUNTY AND M.U.T.C.D. STANDARDS

DEVELOPER'S APPROVAL

10.30.95
DATE

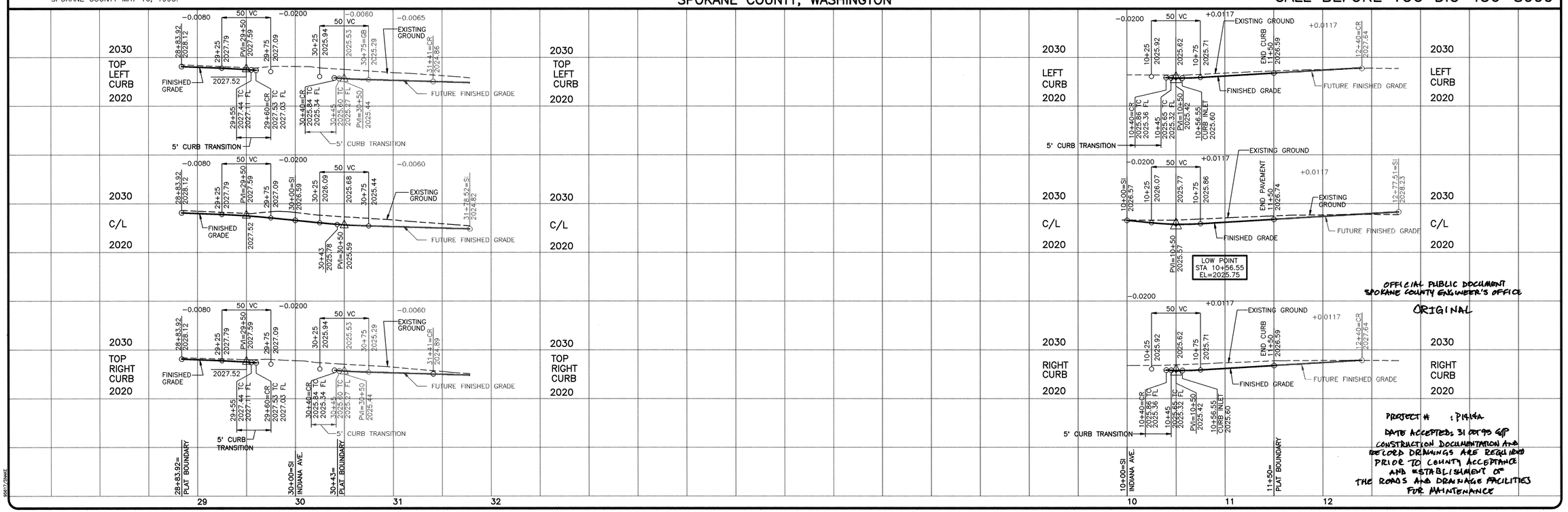
GRAPHIC SCALE
50 0 25 50 100
(IN FEET)
1 inch = 50 ft.

DATUM

REFER TO THE BENCHMARK DESCRIBED ON SHEET 1A OF 13 IN THE RIVERWALK SEWER EXTENSION PLANS APPROVED BY SPOKANE COUNTY MAY 16, 1995.

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

CALL BEFORE YOU DIG 456-8000



OFFICIAL PUBLIC DOCUMENT
SPOKANE COUNTY ENGINEER'S OFFICE
ORIGINAL

PROJECT # : P1414A
DATE ACCEPTED: 31 OCT 95 GJP
CONSTRUCTION DOCUMENTATION AND RECORD DRAWINGS ARE REQUIRED PRIOR TO COUNTY ACCEPTANCE AND ESTABLISHMENT OF THE ROADS AND DRAINAGE FACILITIES FOR MAINTENANCE

NO.	DATE	BY	REVISIONS

EXPIRES 9/24/96

DATE: 10-26-95
DRAWN BY: RCS/SKM
DESIGNED BY: BAH
CHECKED BY: TRW

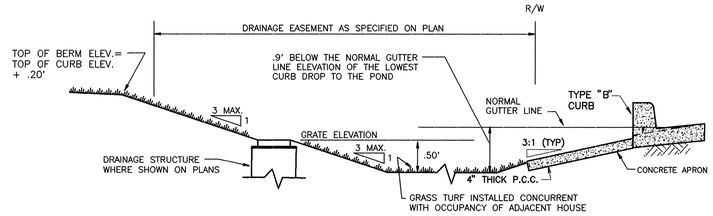
SCALE:
HORIZONTAL: 1"=50'
VERTICAL: 1"=10'

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

RIVERWALK 2ND ADDITION
SNAKE RIVER LANE
SALMON RIVER LANE
STREET

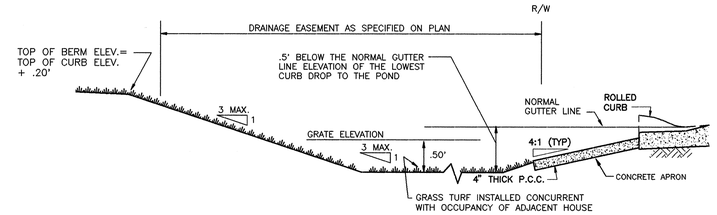
SHEET 3 OF 5
JOB NUMBER 95617

1414A

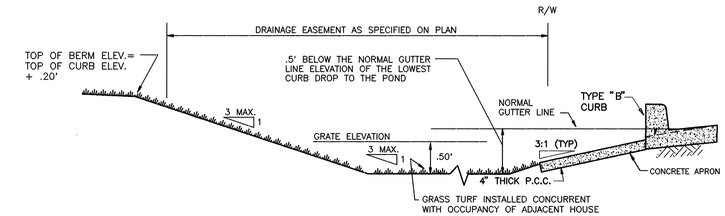


NOTES:
PROVIDE FILTER FABRIC (AMOCO 4545 OR EQUAL) BETWEEN THE NATIVE SOIL AND THE WASHED DRAIN ROCK AND BETWEEN THE WASHED DRAIN ROCK AND THE DRYWELL BARREL.

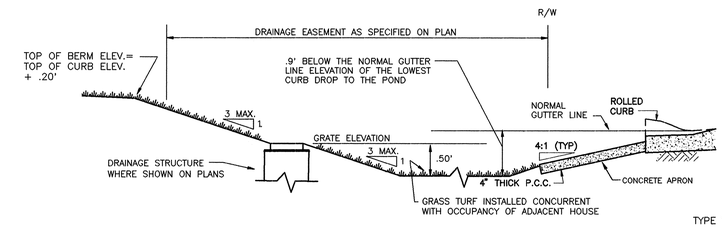
TYPICAL '208' POND
SECTIONAL VIEW
(NOT TO SCALE)



TYPICAL '208' POND
SECTIONAL VIEW
(NOT TO SCALE)

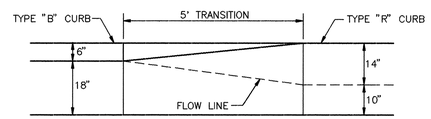


TYPICAL '208' POND
SECTIONAL VIEW
(NOT TO SCALE)

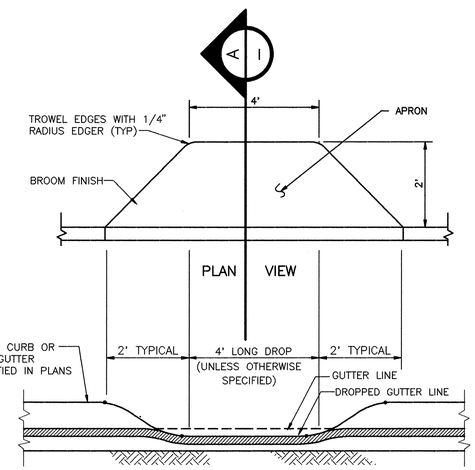


TYPICAL '208' POND
SECTIONAL VIEW
(NOT TO SCALE)

NOTES:
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.

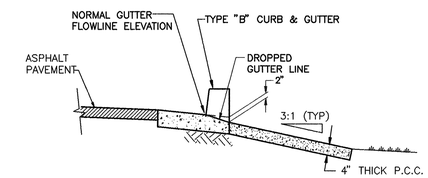


PLAN VIEW

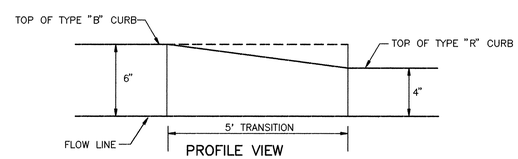


SECTION

CURB INLET TYPE 1
(NOT TO SCALE)

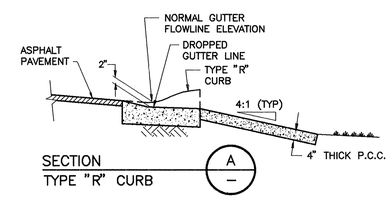


SECTION
TYPE "B" CURB & GUTTER (A / –)

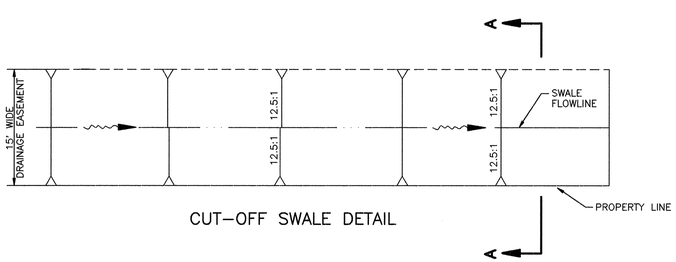


PROFILE VIEW

CURB TRANSITION DETAIL
TYPE "B" CURB TO TYPE "R" CURB NTS (1 / 4)

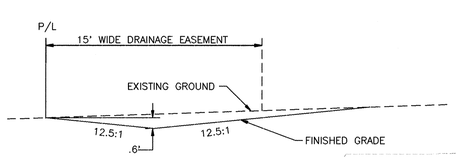


SECTION
TYPE "R" CURB (A / –)

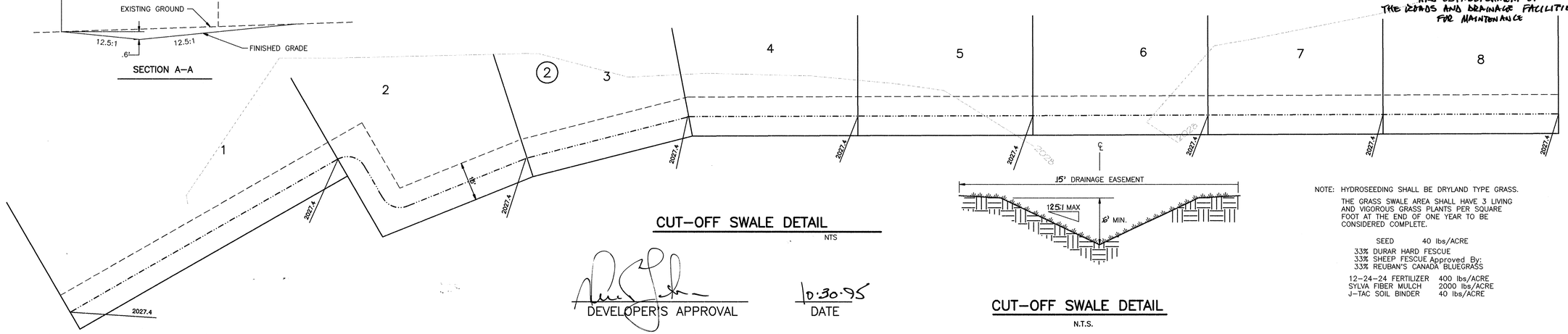


CUT–OFF SWALE DETAIL

OFFICIAL PUBLIC DOCUMENT
SPOKANE COUNTY ENGINEER'S OFFICE
ORIGINAL
PROJECT # : P1414A
DATE ACCEPTED: 31 OCT 95
CONSTRUCTION DOCUMENTATION AND RECORD DRAWINGS ARE REQUIRED PRIOR TO COUNTY ACCEPTANCE AND ESTABLISHMENT OF THE ROADS AND DRAINAGE FACILITIES FOR MAINTENANCE



SECTION A–A



CUT–OFF SWALE DETAIL
NTS

DEVELOPER'S APPROVAL

10-30-95
DATE

CUT–OFF SWALE DETAIL
N.T.S.

NOTE: HYDROSEEDING SHALL BE DRYLAND TYPE GRASS.

THE GRASS SWALE AREA SHALL HAVE 3 LIVING AND VIGOROUS GRASS PLANTS PER SQUARE FOOT AT THE END OF ONE YEAR TO BE CONSIDERED COMPLETE.

SEED 40 lbs/ACRE
33% DURAR HARD FESCUE
33% SHEEP FESCUE Approved By:
33% REUBAN'S CANADA BLUEGRASS

12–24–24 FERTILIZER 400 lbs/ACRE
SYLVA FIBER MULCH 2000 lbs/ACRE
J–TAC SOIL BINDER 40 lbs/ACRE

NO.	DATE	BY	REVISIONS

EXPIRES 9/24

DATE: 10/27/95
DRAWN BY: SKM
DESIGNED BY: BAH
CHECKED BY: TRW

SCALE: HORIZONTAL: AS NOTED VERTICAL: N/A

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

RIVERWALK 2ND ADDITION
DETAILS
STREET

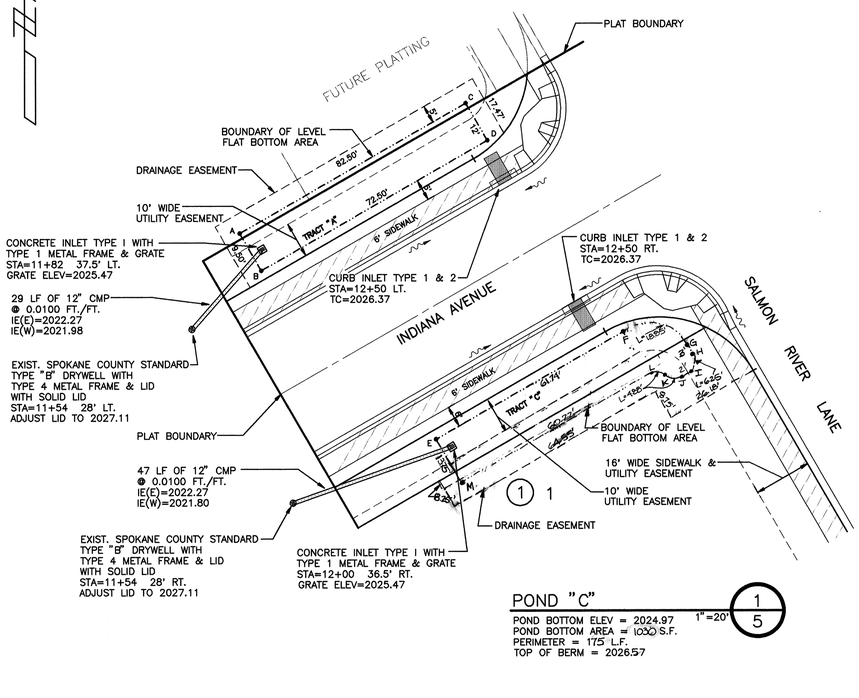
SHEET 4 OF 5
JOB NUMBER 95617

1414A

POND "A"

1" =20' (1/5)

POND BOTTOM ELEV = 2024.97
POND BOTTOM AREA = 870 S.F.
PERIMETER = 169 L.F.
TOP OF BERM = 2026.57

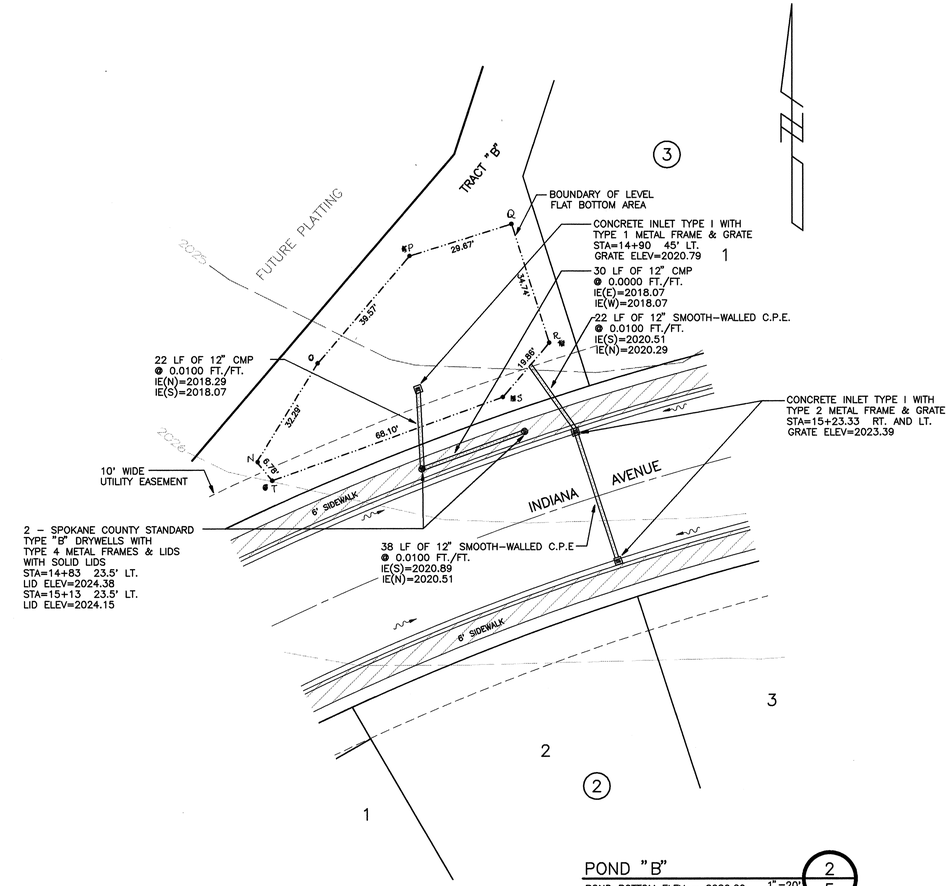


POND BOTTOM LOCATION TABLE (INDIANA AVENUE C/L STATION & OFFSET)		
POINT	STATION	OFFSET
A	11+78.85	44.50' LT
B	11+78.85	32.50' LT
C	12+51.35	44.50' LT
D	12+51.35	32.50' LT
E	11+97.27	32.50' RT
F	12+59.00	32.50' RT
G	12+71.00	44.50' RT
H	12+71.00	47.50' RT
I	12+67.00	51.50' RT
J	12+65.00	51.50' RT
K	12+61.25	48.88' RT
L	12+57.49	46.25' RT
M	11+97.27	46.25' RT
N	14+43.40	43.18' LT
O	14+68.07	61.66' LT
P	14+99.54	80.25' LT
Q	15+26.22	79.54' LT
R	15+26.05	44.80' LT
S	15+09.92	34.56' LT
T	14+45.05	36.63' LT

POND "C"

1" =20' (1/5)

POND BOTTOM ELEV = 2024.97
POND BOTTOM AREA = 1000 S.F.
PERIMETER = 175 L.F.
TOP OF BERM = 2026.57



POND "B"

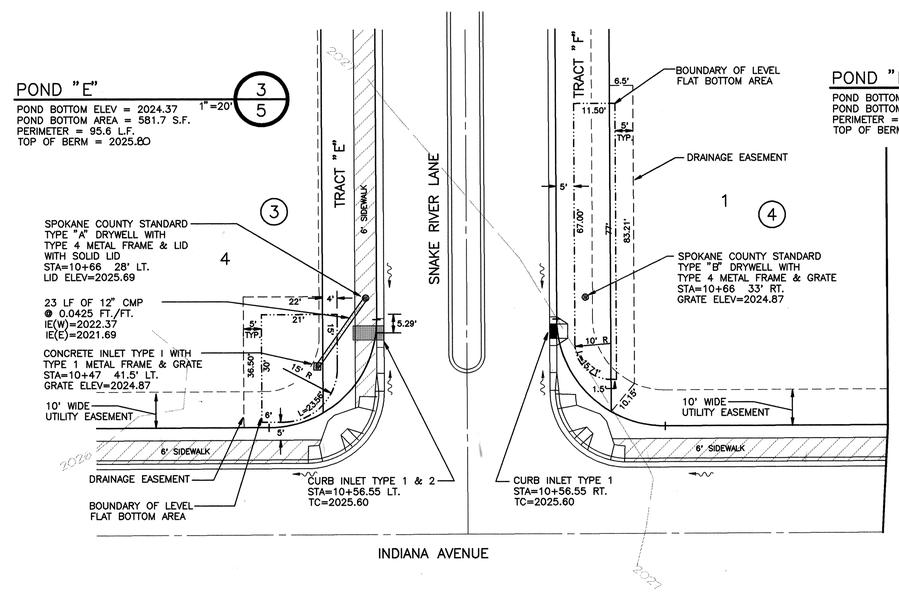
1" =20' (2/5)

POND BOTTOM ELEV = 2020.29
POND BOTTOM AREA = 2854.8 S.F.
PERIMETER = 231 L.F.
TOP OF BERM = 2023.59

POND "E"

1" =20' (3/5)

POND BOTTOM ELEV = 2024.37
POND BOTTOM AREA = 581.7 S.F.
PERIMETER = 95.6 L.F.
TOP OF BERM = 2025.80



POND "F3"

1" =20' (3/5)

POND BOTTOM ELEV = 2024.37
POND BOTTOM AREA = 864 S.F.
PERIMETER = 172.7 L.F.
TOP OF BERM = 2025.80

OFFICIAL PUBLIC DOCUMENT
SPOKANE COUNTY ENGINEER'S OFFICE

ORIGINAL

PROJECT # : P1414A

DATE ACCEPTED: 31 OCT 95

CONSTRUCTION DOCUMENTATION AND RECORD DRAWINGS ARE REQUIRED PRIOR TO COUNTY ACCEPTANCE AND ESTABLISHMENT OF THE ROADS AND DRAINAGE FACILITIES FOR MAINTENANCE

DEVELOPER'S APPROVAL

10-30-95
DATE

95617\PONDDET

NO.	DATE	BY	REVISIONS

DATE: 10/26/95
DRAWN BY: SKM
DESIGNED BY: SKM
CHECKED BY: TRW

SCALE:
HORIZONTAL: AS NOTED
VERTICAL: N/A

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

RIVERWALK 2ND ADDITION
POND DETAILS

STREET

SHEET 5 OF 5
JOB NUMBER 95617

1414 A