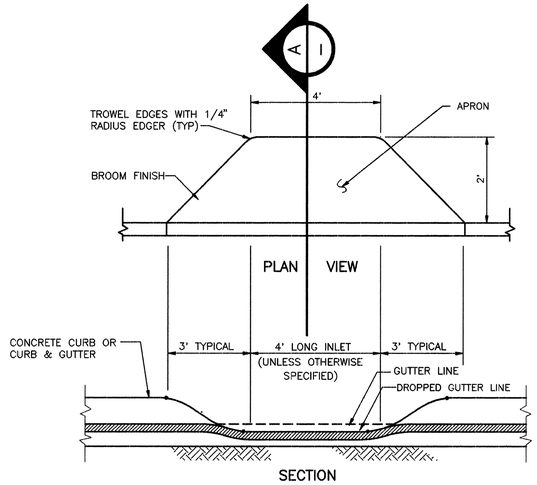
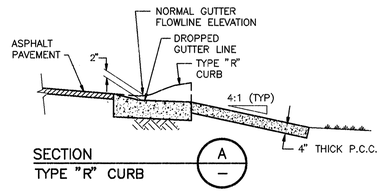
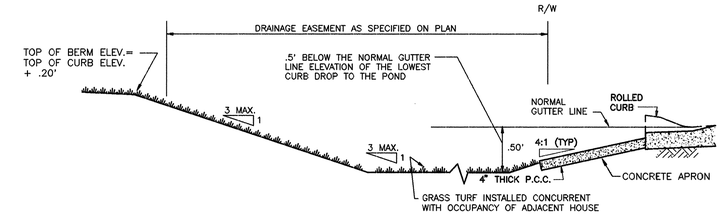


CURB INLET TYPE 1

(NOT TO SCALE)

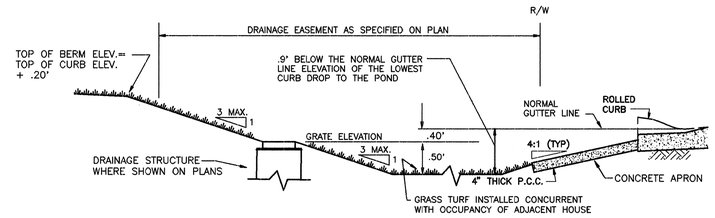




TYPICAL '208' POND WITHOUT DRYWELL

SECTIONAL VIEW

(NOT TO SCALE)

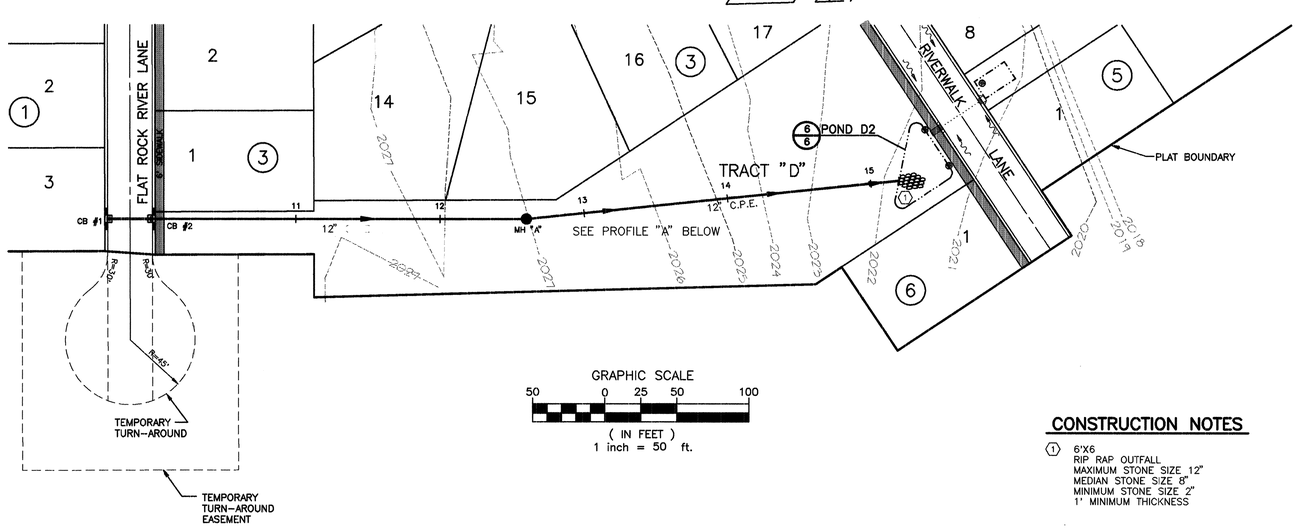


TYPICAL '208' POND WITH DRYWELL

SECTIONAL VIEW

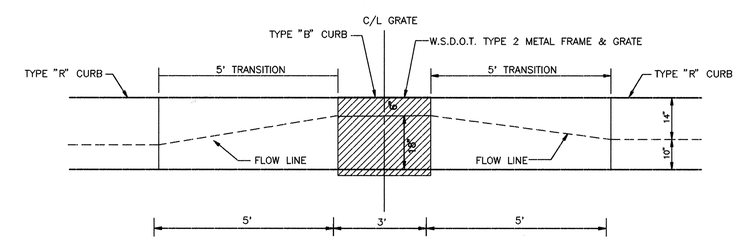
(NOT TO SCALE)

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.



CONSTRUCTION NOTES

1. 6'X6 RIP RAP OUTFALL
   MAXIMUM STONE SIZE 12"
   MEDIAN STONE SIZE 8"
   MINIMUM STONE SIZE 2"
   1' MINIMUM THICKNESS



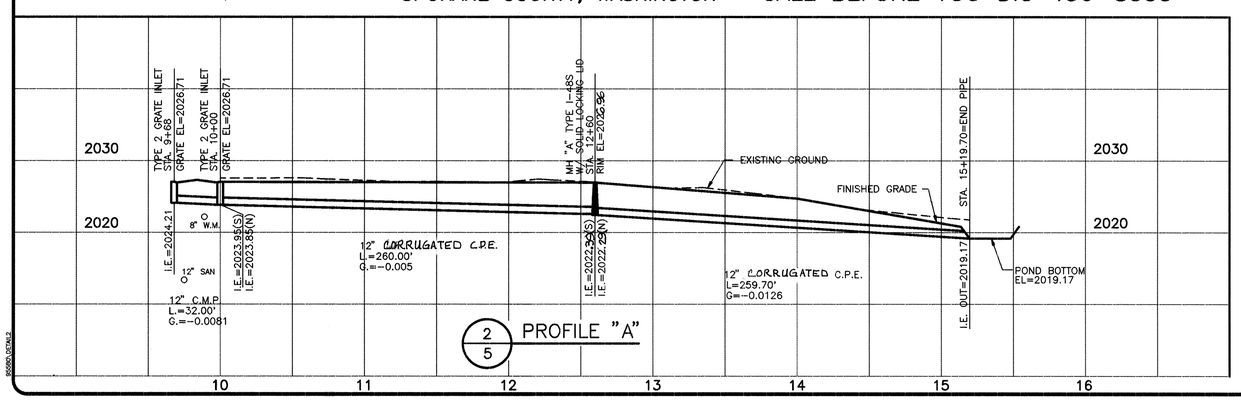
1/6 CURB INLET & TRANSITION DETAIL

COUNTY 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



2/5 PROFILE "A"

SPOKANE COUNTY
OFFICIAL PUBLIC DOCUMENT
ORIGINAL

SPOKANE COUNTY ENGINEER'S OFFICE
-CONSTRUCTION PLANS-
PROJECT #: P9616C
DATE ACCEPTED: 23JUL96/GP
ACCEPTANCE EXPIRES: 23JUL99
CONSTRUCTION DOCUMENTATION AND CERTIFIED RECORD DRAWINGS ARE REQUIRED PRIOR TO RELEASE OF BOND FOR CONSTRUCTION ENGINEERING SERVICES

DEVELOPER'S APPROVAL

3-28-96
DATE

NO.	DATE	BY	REVISIONS

DATE: 3/28/96
DRAWN BY: DRM,MJI
DESIGNED BY: BRM
CHECKED BY: BAH,TRW

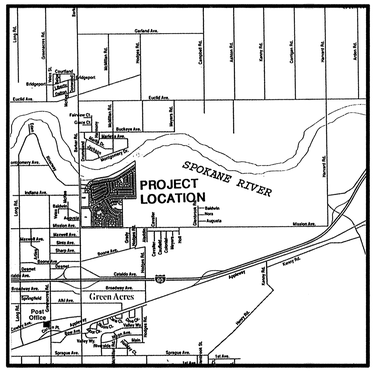
SCALE:
HORIZONTAL: 1"=50'
VERTICAL: 1"=10'

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

RIVERALK 4TH ADDITION
(A PLANNED UNIT DEVELOPMENT)
PROFILE "A" & DETAILS
STREET

SHEET 5 OF 6
JOB NUMBER 95580

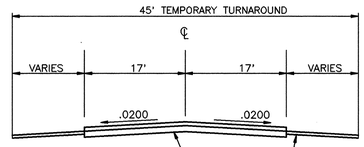
STREET PLANS FOR
RIVERWALK 4TH ADDITION
(A PLANNED UNIT DEVELOPMENT)
SEC 8, T.25N., R.45E., W.M.
SPOKANE COUNTY, WASHINGTON



VICINITY MAP

TABLE OF CONTENTS

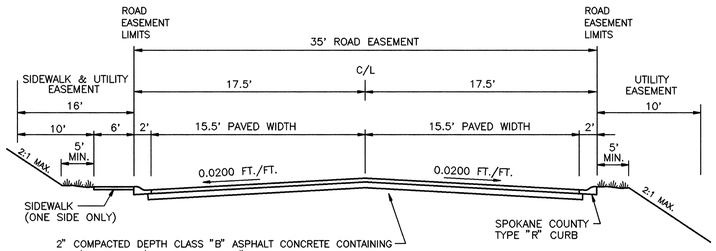
COVER SHEET ..... SHEET 1
RIVERWALK LANE ..... SHEET 2
RIO GRANDE LANE ..... SHEET 3
FLAT ROCK RIVER LANE
SNAKE RIVER LANE ..... SHEET 4
PROFILE "A" ..... SHEET 5
DETAILS
POND DETAILS ..... SHEET 6



FUTURE 2" COMPACTED DEPTH CLASS "B" ASPHALT CONCRETE CONTAINING 5 3/4% TO 6 1/4% ASPHALT ON 7" COMPACTED DEPTH CRUSHED SURFACING BASE COURSE IN ACCORDANCE WITH W.S.D.O.T SPECIFICATIONS.

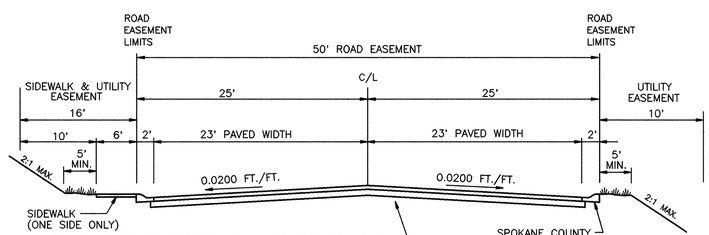
4" CRUSHED SURFACE TOP COURSE IN ACCORDANCE WITH W.S.D.O.T. SPECIFICATIONS.

TYPICAL CROSS-SECTION
GRAVEL ACCESS ROAD



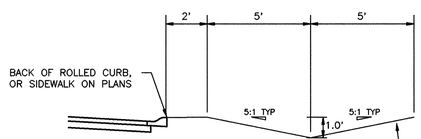
2" COMPACTED DEPTH CLASS "B" ASPHALT CONCRETE CONTAINING 5 3/4% TO 6 1/4% ASPHALT ON 7" COMPACTED DEPTH CRUSHED SURFACING BASE COURSE IN ACCORDANCE WITH W.S.D.O.T. SPECIFICATIONS.

TYPICAL CROSS-SECTION
RIVERWALK LANE
RIO GRANDE LANE
FLAT ROCK RIVER LANE



2" COMPACTED DEPTH CLASS "B" ASPHALT CONCRETE CONTAINING 5 3/4% TO 6 1/4% ASPHALT ON 7" COMPACTED DEPTH CRUSHED SURFACING BASE COURSE IN ACCORDANCE WITH W.S.D.O.T. SPECIFICATIONS.

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



TYPICAL TEMPORARY CUTOFF SWALE

SWALE SHALL BE CONSTRUCTED WHEN THE CURBS ARE BACKFILLED AND SHALL REMAIN IN PLACE THROUGHOUT THE BUILDING CONSTRUCTION. THE SWALES SHOULD BE GRADED OUT WITH FINE GRADING IMMEDIATELY PRIOR TO SEEDING OR PLACEMENT OF SOD.

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% (0.0080FT./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.

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.

DEVELOPER'S APPROVAL — DATE 3-28-96

CALL BEFORE YOU DIG 456-8000

NO.	DATE	BY	REVISIONS

EXPIRES 9/24/96

DATE: 3/28/96
DRAWN BY: SKM, BRM, MJ
DESIGNED BY: SKM, BAH
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 4TH ADDITION
(A PLANNED UNIT DEVELOPMENT)
STREET

SHEET 1 OF 6
JOB NUMBER 95580

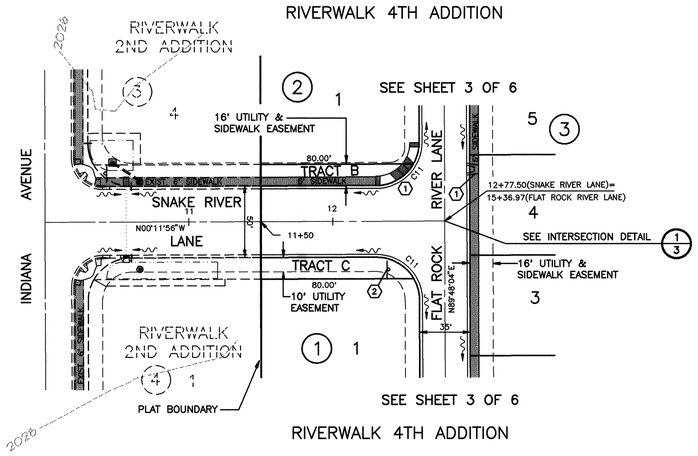
95580.SDWG,LAN

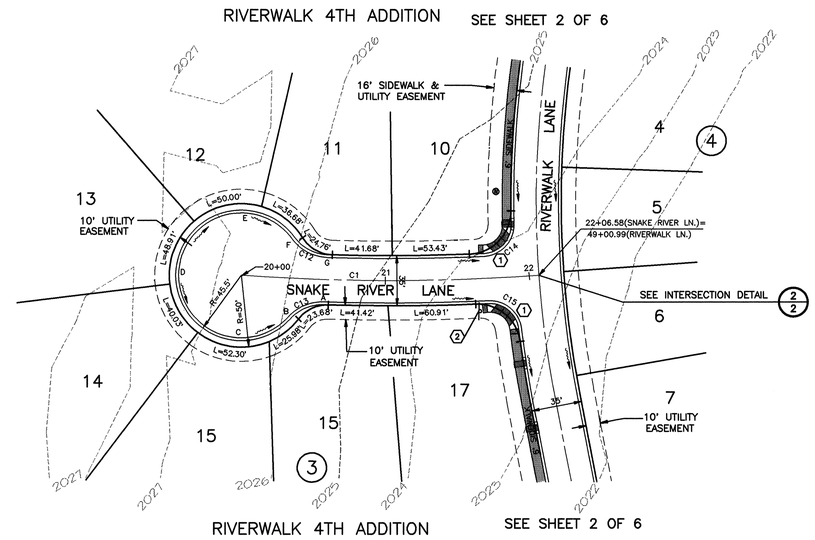
CURVE TABLE

CURVE	RADIUS	LENGTH	TANGENT	CHORD	DELTA
C1	1432.03'	206.58'	103.47'	206.40'	08°15'56"
* C11	30.00'	47.12'	30.00'	42.43'	90°00'00"
* C12	30.00'	27.34'	14.70'	26.40'	52°13'03"
* C13	30.00'	26.11'	13.95'	25.29'	49°52'04"
* C14	20.00'	30.93'	19.52'	27.94'	88°36'31"
* C15	20.00'	29.93'	18.57'	27.22'	85°45'06"

* RADIUS IS MEASURED AT BACK OF CURB

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





CONSTRUCTION NOTES

1. CONSTRUCT WHEELCHAIR RAMP PER SPOKANE CO. STD. A-5, DESIGN "A"
2. INSTALL STREET SIGN PER SPOKANE CO. AND M.U.T.C.D.

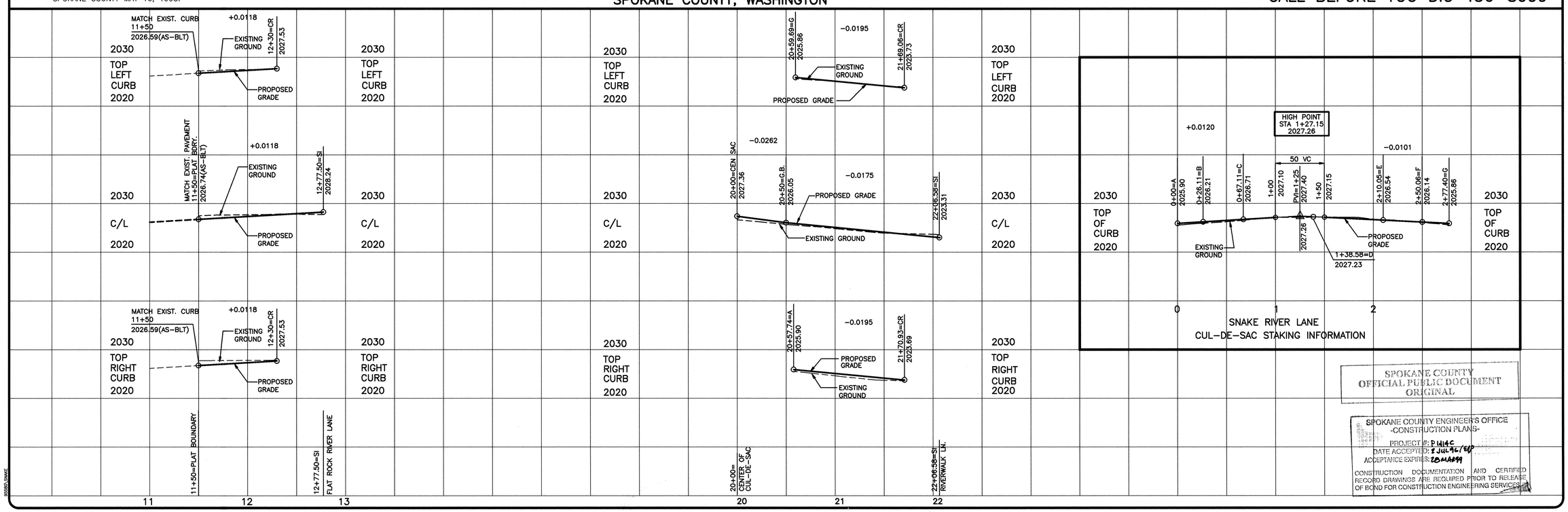
DEVELOPER'S APPROVAL — DATE 3-28-96

COUNTY 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



SPOKANE COUNTY
OFFICIAL PUBLIC DOCUMENT
ORIGINAL

SPOKANE COUNTY ENGINEER'S OFFICE
-CONSTRUCTION PLANS-
PROJECT #: P1414C
DATE ACCEPTED: 2 JUL 96
ACCEPTANCE EXPIRES: 2 JUL 1999
CONSTRUCTION DOCUMENTATION AND CERTIFIED RECORD DRAWINGS ARE REQUIRED PRIOR TO RELEASE OF BOND FOR CONSTRUCTION ENGINEERING SERVICES

NO.	DATE	BY	REVISIONS

EXPIRES 9/24/

DATE: 3/28/96
DRAWN BY: SKM, BRM, MJI
DESIGNED BY: SKM, BAH
CHECKED BY: BAH

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 4TH ADDITION
(A PLANNED UNIT DEVELOPMENT)
SNAKE RIVER LANE STREET

SHEET 4 OF 6
JOB NUMBER 95580

95580.DWG

CURVE TABLE

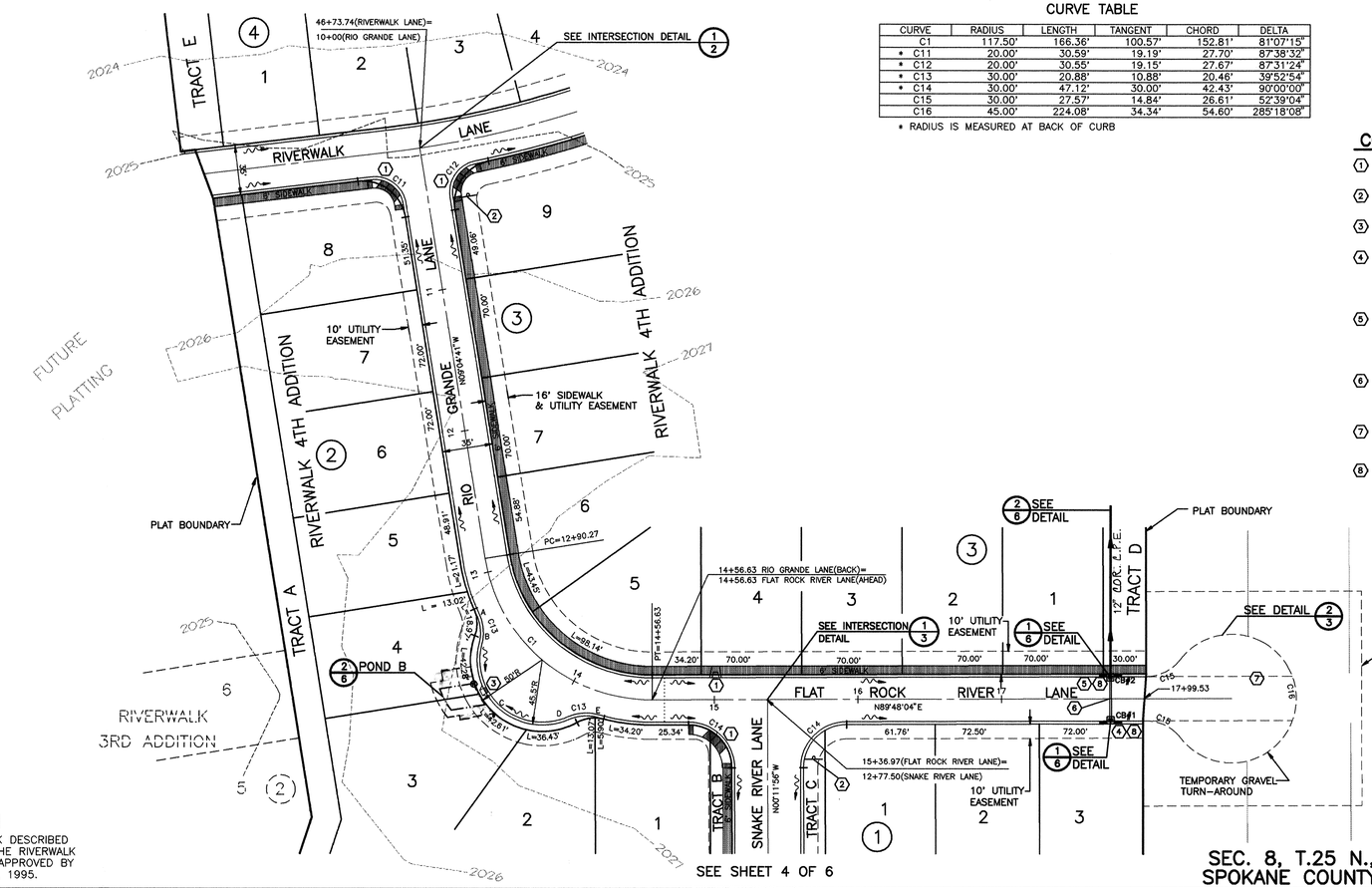
CURVE	RADIUS	LENGTH	TANGENT	CHORD	DELTA
C1	117.50'	166.36'	100.57'	152.81'	81°07'15"
* C11	20.00'	30.59'	19.19'	27.70'	87°38'32"
* C12	20.00'	30.55'	19.15'	27.67'	87°31'24"
* C13	30.00'	20.88'	10.88'	20.46'	39°52'54"
* C14	30.00'	47.12'	30.00'	42.43'	90°00'00"
C15	30.00'	27.57'	14.84'	26.61'	52°39'04"
C16	45.00'	224.08'	34.34'	54.60'	285°18'08"

* RADIUS IS MEASURED AT BACK OF CURB

CONSTRUCTION NOTES

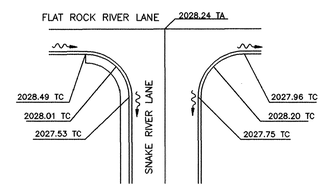
1. CONSTRUCT WHEELCHAIR RAMP PER SPOKANE CO. STD. A-5, DESIGN "A"
2. INSTALL STREET SIGN PER SPOKANE CO. AND M.U.T.C.D.
3. INSTALL SPOKANE COUNTY TYPE 1 CURB INLET PER STD. PLAN B8.
4. CB #1
   W.S.D.O.T. TYPE 2 GRATE INLET
   PER STD. PLAN B-4C
   CENTER STATION 17+75.82 RT.
   GRATE EL=2026.71
5. CB #2
   W.S.D.O.T. TYPE 2 GRATE INLET
   PER STD. PLAN B-4C
   CENTER STATION 17+75.82 LT.
   GRATE EL=2026.71
6. 32 L.F. SMOOTH WALLED C.P.E.
   @ .0081 FT/FT
   IE(S)=2024.21
   IE(N)=2023.95
7. SEE TURNAROUND SECTION SHEET 1 OF 6.
8. CURB TRANSITION SEE DETAIL

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

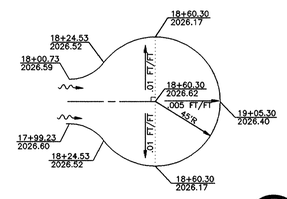


SEE SHEET 4 OF 6

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



INTERSECTION DETAIL 1/3



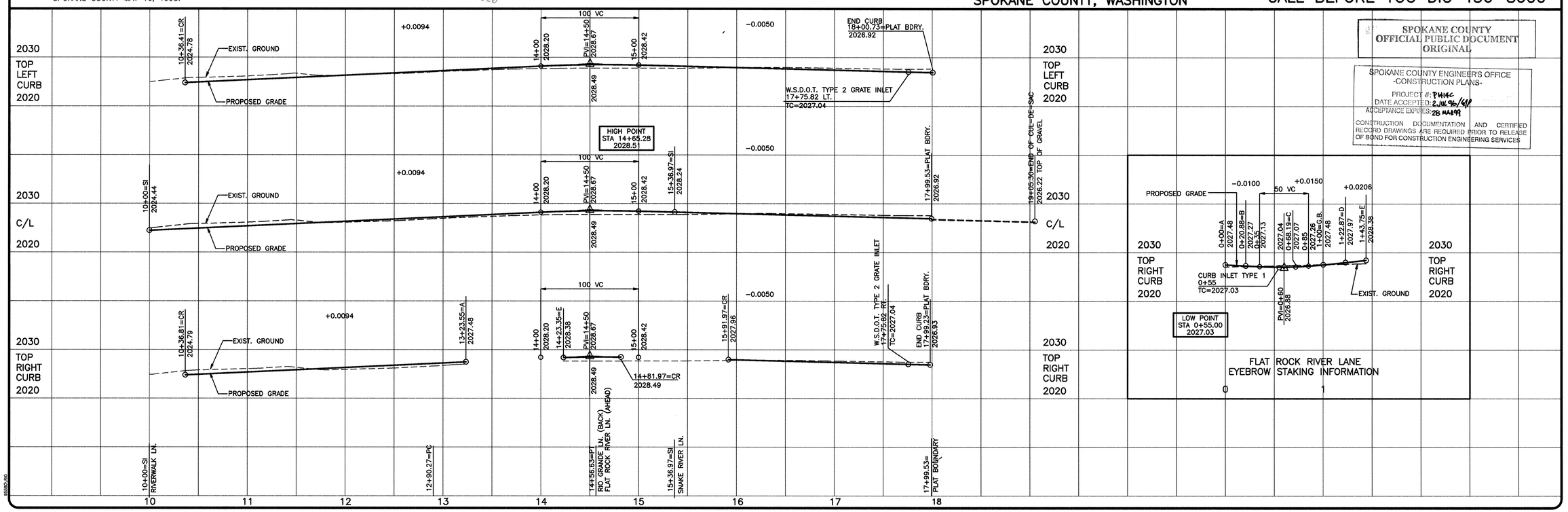
TEMPORARY GRAVEL TURN-AROUND DETAIL 2/3

COUNTY DATUM

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

DEVELOPER'S APPROVAL — DATE 3-28-96

CALL BEFORE YOU DIG 456-8000



SPOKANE COUNTY OFFICIAL PUBLIC DOCUMENT ORIGINAL

SPOKANE COUNTY ENGINEER'S OFFICE
-CONSTRUCTION PLANS-
PROJECT #: P4146
DATE ACCEPTED: 2 JUL 96/6M
ACCEPTANCE EXPIRES: 28 MAR 97
CONSTRUCTION DOCUMENTATION AND CERTIFIED RECORD DRAWINGS ARE REQUIRED PRIOR TO RELEASE OF BOND FOR CONSTRUCTION ENGINEERING SERVICES

NO.	DATE	BY	REVISIONS
1	6/4/96	SKM	REVISE ESMTS ON LOTS 3 & 4, BL 2

DATE: 7/28/96
DRAWN BY: SKM,BRM,MJI
DESIGNED BY: SKM,BAH
CHECKED BY: TRW

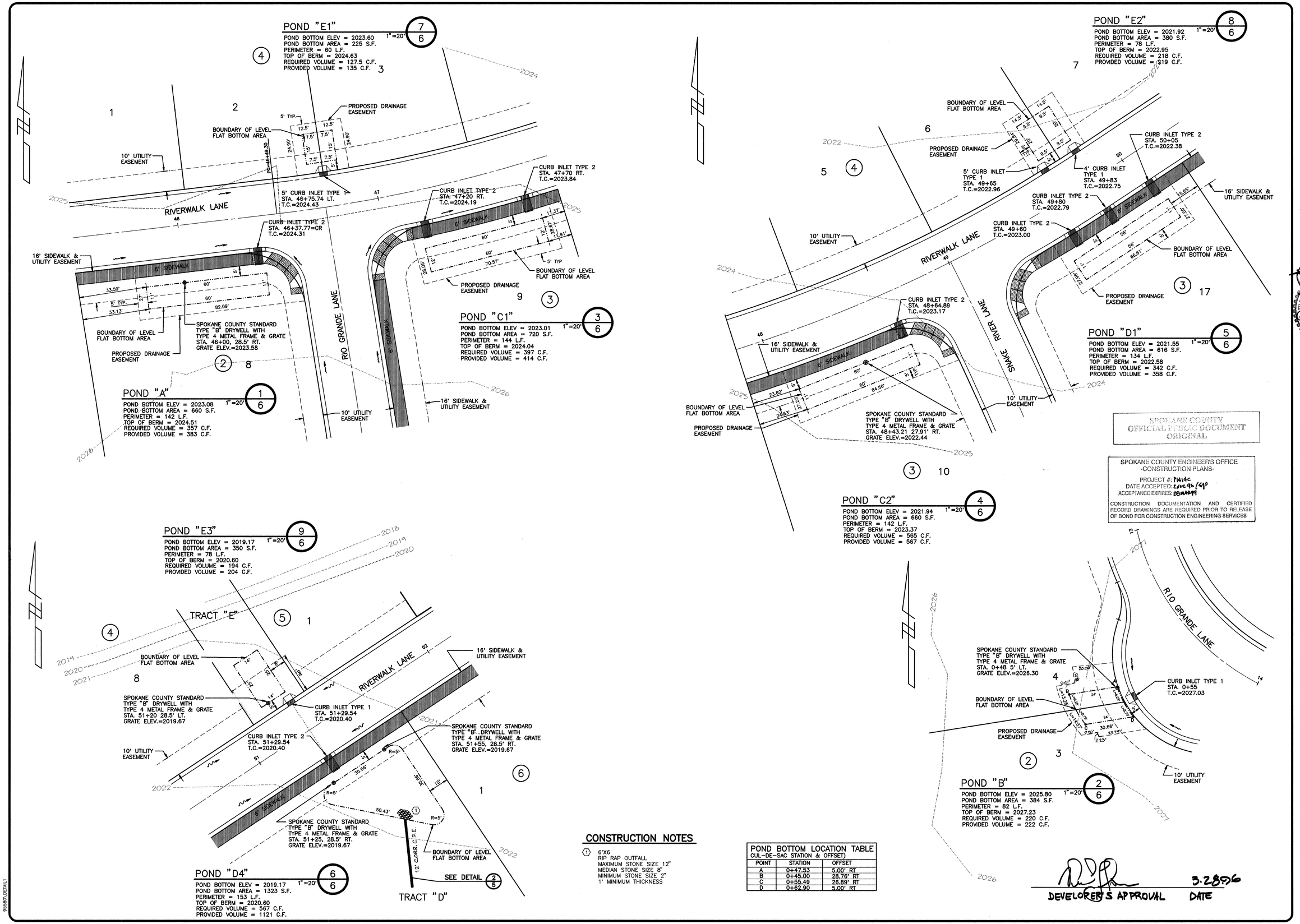
SCALE:
HORIZONTAL: 1"=50'
VERTICAL: 1"=10'

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

RIVERWALK 4TH ADDITION
(A PLANNED UNIT DEVELOPMENT)
RIO GRANDE LANE
FLAT ROCK RIVER LANE
STREET

SHEET 3 OF 6
JOB NUMBER 95580

95580.100



CONSTRUCTION NOTES

1. 6'X6 RIP RAP OUTFALL
   MAXIMUM STONE SIZE 12"
   MEDIAN STONE SIZE 8"
   MINIMUM STONE SIZE 2"
   1' MINIMUM THICKNESS

POND BOTTOM LOCATION TABLE
CUL-DE-SAC STATION & OFFSET)

POINT	STATION	OFFSET
A	0+47.53	5.00' RT
B	0+45.00	28.76' RT
C	0+55.49	26.89' RT
D	0+62.90	5.00' RT

SPOKANE COUNTY
OFFICIAL PUBLIC DOCUMENT
ORIGINAL

SPOKANE COUNTY ENGINEER'S OFFICE
-CONSTRUCTION PLANS-
PROJECT #: 96146
DATE ACCEPTED: 2 JUL 96 / GMP
ACCEPTANCE EXPIRES: 28 MAY 99
CONSTRUCTION DOCUMENTATION AND CERTIFIED RECORD DRAWINGS ARE REQUIRED PRIOR TO RELEASE OF BOND FOR CONSTRUCTION ENGINEERING SERVICES

NO.	DATE	BY	REVISIONS
1	4/4/96	SKM	REVISED ESMTS ON DETAIL 2 - POND "B", DETAIL 4, POND E3

EXPIRES 9/24/

DATE: 3/28/96
DRAWN BY: BRM, MJI
DESIGNED BY: BRM
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

RIVERWALK 4TH ADDITION
(A PLANNED UNIT DEVELOPMENT)
POND DETAILS
STREET

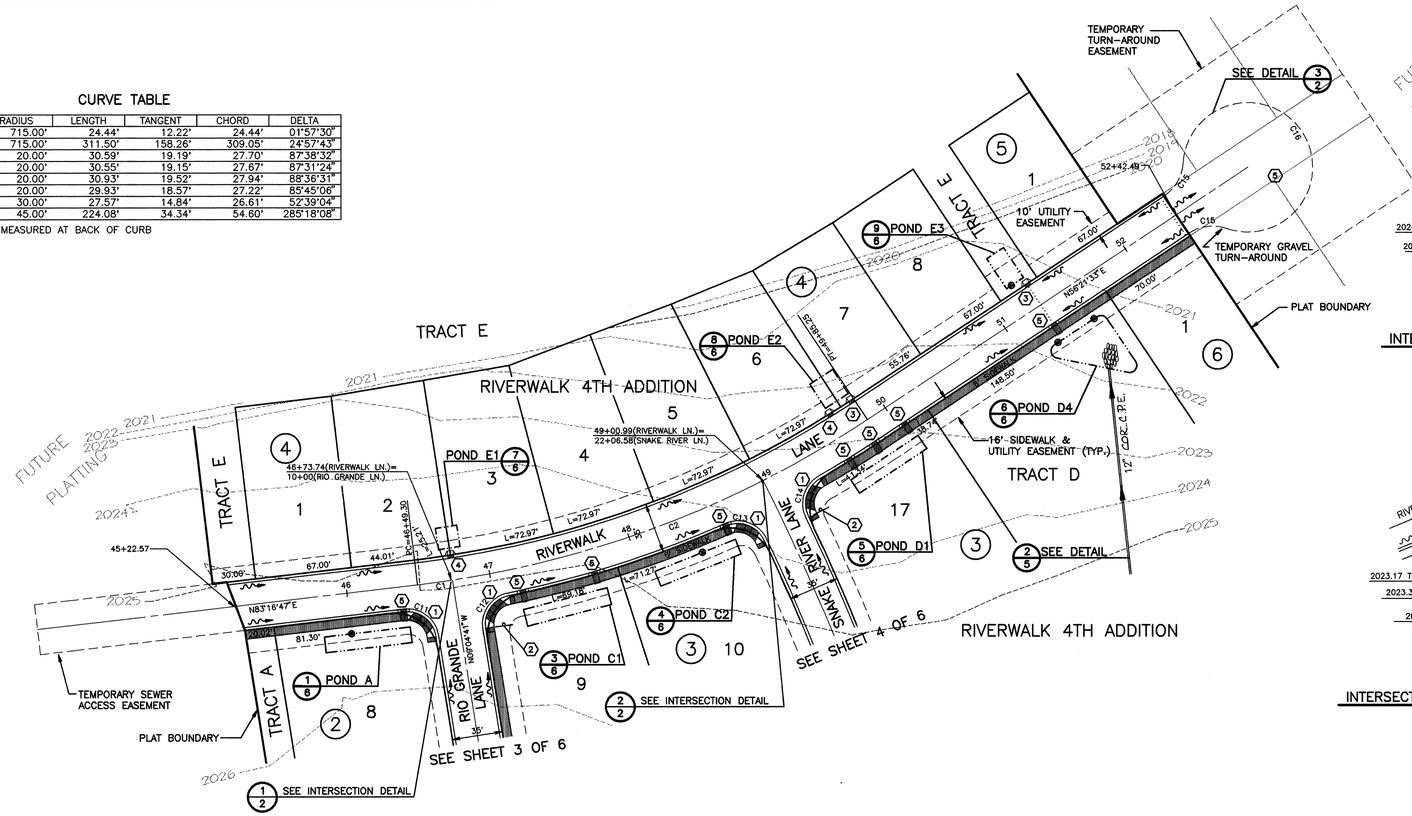
SHEET 6 OF 6
JOB NUMBER 95580

95580\DETAIL1

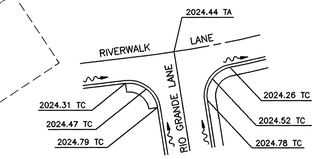
CURVE TABLE

CURVE	RADIUS	LENGTH	TANGENT	CHORD	DELTA
C1	715.00'	24.44'	12.22'	24.44'	01°57'30"
C2	715.00'	311.50'	158.26'	309.05'	24°57'43"
* C11	20.00'	30.59'	19.19'	27.70'	87°38'32"
* C12	20.00'	30.55'	19.15'	27.67'	87°31'24"
* C13	20.00'	30.93'	19.52'	27.94'	88°36'31"
* C14	20.00'	29.93'	18.57'	27.22'	85°45'06"
C15	30.00'	27.57'	14.84'	26.61'	52°39'04"
C16	45.00'	224.08'	34.34'	54.60'	285°18'08"

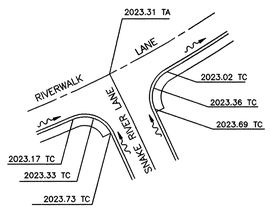
* RADIUS IS MEASURED AT BACK OF CURB



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



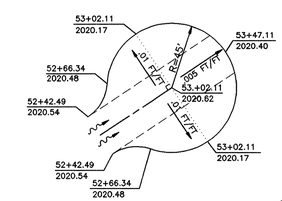
INTERSECTION DETAIL 1/2



INTERSECTION DETAIL 2/2

CONSTRUCTION NOTES

1. CONSTRUCT WHEELCHAIR RAMP PER SPOKANE CO. STD. A-5, DESIGN "A"
2. INSTALL STREET SIGN PER SPOKANE CO. AND M.U.T.C.D.
3. INSTALL SPOKANE COUNTY TYPE 1 4' CURB INLET PER STD. PLAN B8.
4. INSTALL SPOKANE COUNTY TYPE 2 5' CURB INLET PER STD. PLAN B9.
5. INSTALL SPOKANE COUNTY TYPE 2 CURB INLET PER STD. PLAN B9.
6. SEE TURNAROUND SECTION SHEET 1 OF 6.



TEMPORARY GRAVEL TURN-AROUND DETAIL 3/2

DEVELOPER'S APPROVAL

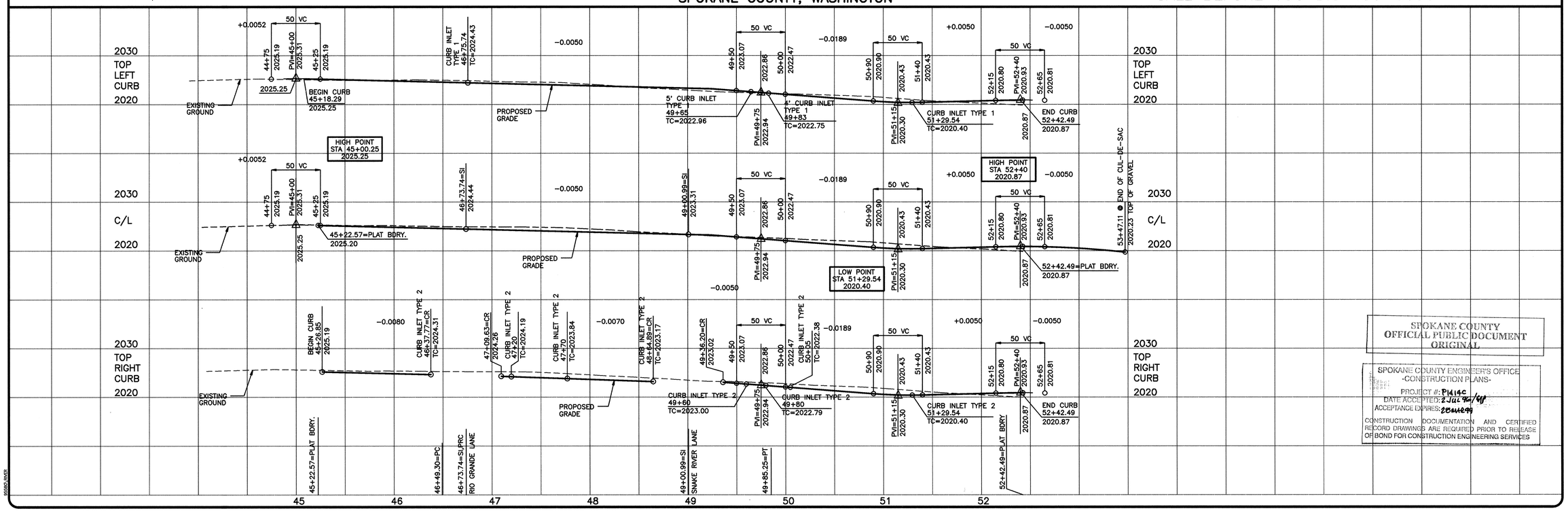
3.28.96
DATE

COUNTY 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



SPOKANE COUNTY
OFFICIAL PUBLIC DOCUMENT
ORIGINAL

SPOKANE COUNTY ENGINEER'S OFFICE
-CONSTRUCTION PLANS-
PROJECT #: P1414C
DATE ACCEPTED: 2 JUL 96 / 96
ACCEPTANCE EXPIRES: 2 JUL 1997
CONSTRUCTION DOCUMENTATION AND CERTIFIED RECORD DRAWINGS ARE REQUIRED PRIOR TO RELEASE OF BOND FOR CONSTRUCTION ENGINEERING SERVICES

NO.	DATE	BY	REVISIONS
1	6/4/96	SKM	ADDITIONAL 10' ESMT IN TRACT E - EAST END

DATE: 7/28/96
DRAWN BY: SKM,BRM,MJL
DESIGNED BY: SKM,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 4TH ADDITION
(A PLANNED UNIT DEVELOPMENT)
RIVERWALK LANE STREET

SHEET 2 OF 6
JOB NUMBER 95580