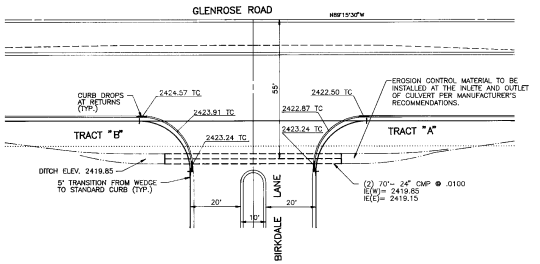
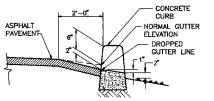
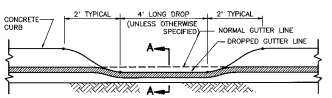


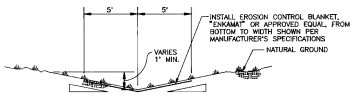
DETAIL 1/6



SECTION A-A



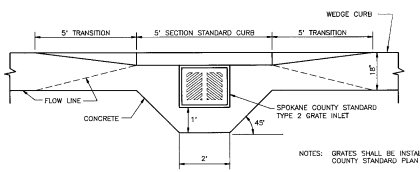
TYPICAL CURB DROP



TYP. CHANNEL SECTION
OUTFALL TO RETENTION POND NTS 3/6

NOTE: EROSION CONTROL MATERIAL SUCH AS "ENKAMAT" OR APPROVED EQUAL SHALL BE INSTALLED WITH GRASS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. GRASS SHALL BE SOWN OR HYDROSEEDED IN ACCORDANCE WITH STANDARD SPECIFICATION 8-01.3(4). THE SEED SHALL BE A MIXTURE OF BLUEGRASS AND RYE APPLIED AT THE RATE OF 10 lbs. PER 1000 SQUARE FEET.

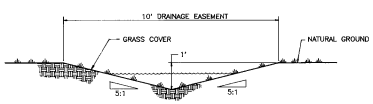
ALL SEEDED AREAS SHALL BE IRRIGATED UTILIZING AN AUTOMATIC SPRINKLING SYSTEM WITH TORO SUPER 700 ROTARY SPRAYHEADS, OR APPROVED EQUAL, SPACED A MAXIMUM OF 30 FEET CENTER TO CENTER ALONG THE LENGTH OF THE DRAINAGE CHANNEL OR SWALE.



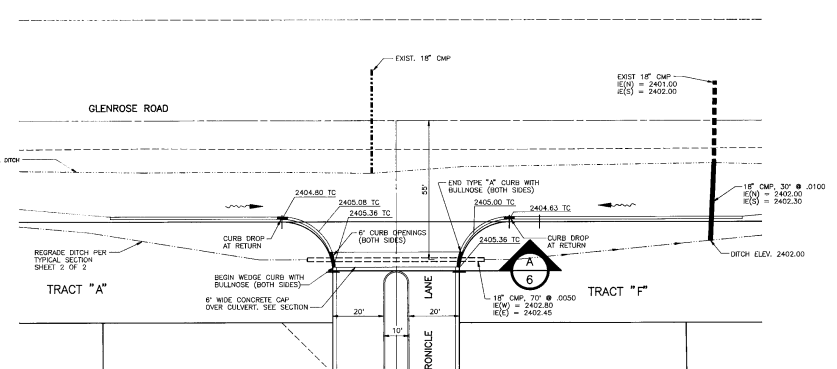
GRATE INSTALLATION DETAIL
WEDGE CURB

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

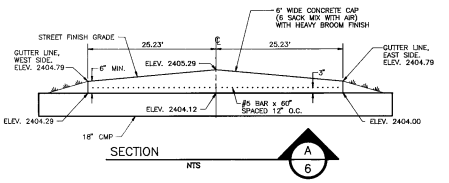
GRATE DEPRESSION SHALL BE AS SHOWN ON SPOKANE COUNTY STANDARD DRAWING D-8.



TYP. SWALE SECTION
NTS 4/6



DETAIL 2/6



SECTION
NTS A/6

SPOKANE COUNTY ENG.
APPROVED FOR CONSTRUCTION
7-6-92
PERMIT REQUIRED

DEVELOPER'S APPROVAL

6-30-92
DATE

SCALE	
HORIZONTAL	
VERTICAL	
DATE	6/29/92
DWN.	JFC
CHK.	SPS
APP.	MPT

NO.	DATE	BY	REVISIONS

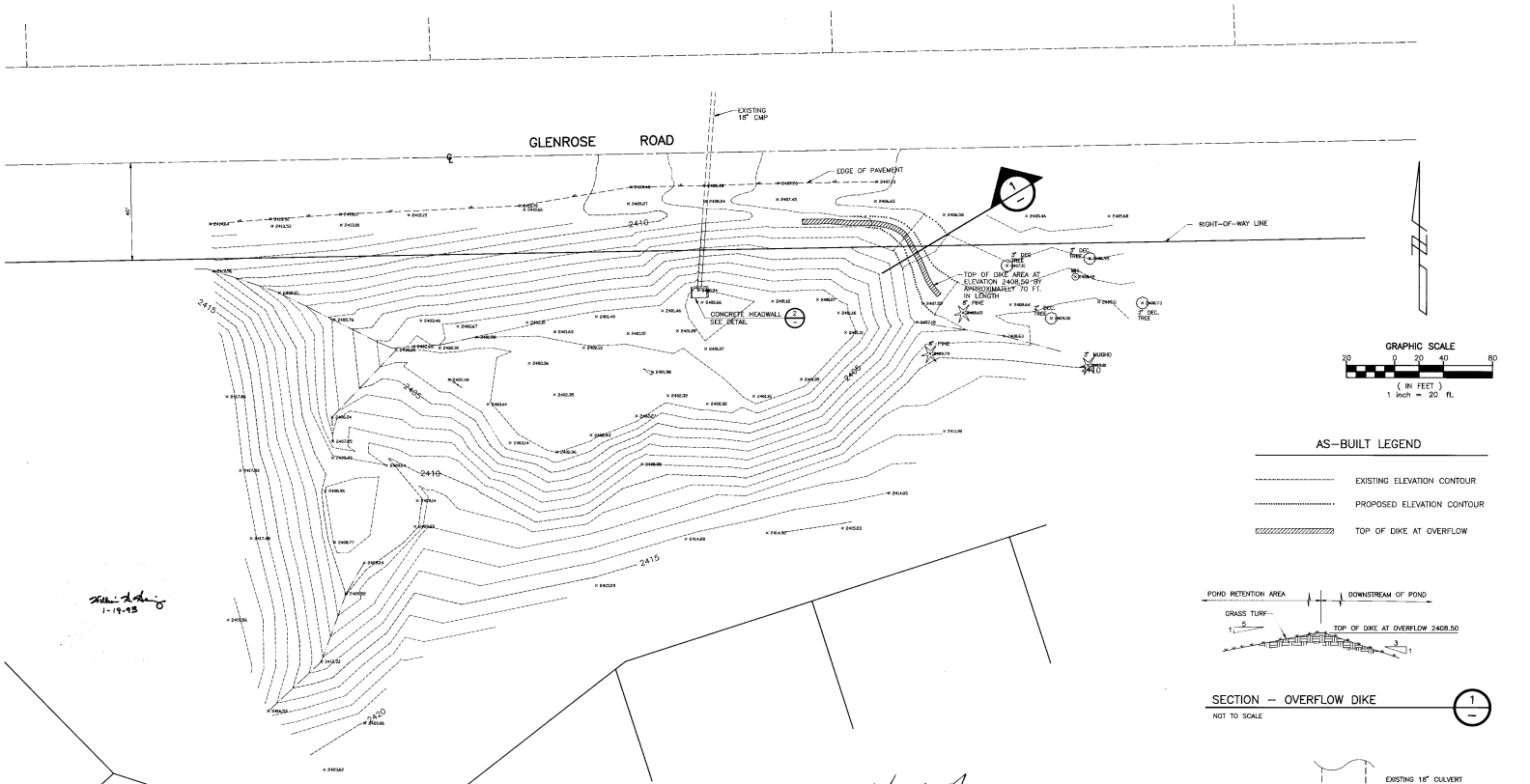
INLAND PACIFIC ENGINEERING
South 13 Division St. Spokane, Washington 99202
(509) 535-1410

INVERNESS P.U.D.
DETAIL SHEET

DETAILS

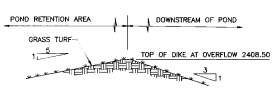
SHEET 6 OF 7
JOB NUMBER 91105

91105.DGN/6



AS-BUILT LEGEND

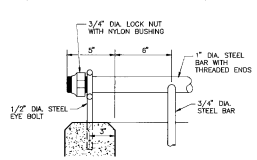
- EXISTING ELEVATION CONTOUR
- PROPOSED ELEVATION CONTOUR
- TOP OF DIKE AT OVERFLOW



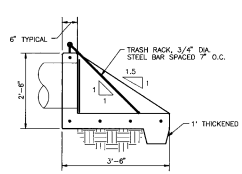
SECTION – OVERFLOW DIKE (1/–)

NOT TO SCALE

DEVELOPER'S APPROVAL 1/7/93 DATE



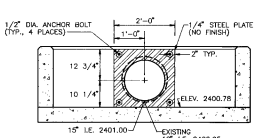
TRASH RACK



SECTION (PROPOSED REVISION) (B/–)

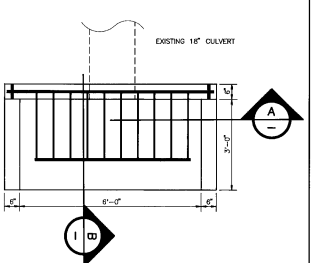
NTS

NOTE:
ALL CONCRETE 6 SACK MIX ON HEADWALL. 5 1/2 SACK MIX ON APRON. HEADWALL SLAB AND WALL REINFORCED WITH #4 BARS 12" O.C. EACH DIRECTION. 1" CHAMFER ON ALL EXPOSED CORNERS OF WALLS.



SECTION (PROPOSED REVISION) (A/–)

NTS



CONCRETE HEADWALL (PROPOSED REVISION) (2/–)

PLAN VIEW – NTS

SCALE HORIZONTAL 1"=20' VERTICAL

DATE 01/07/93
DWN. SPS
CHK. RLM
APP. RLM

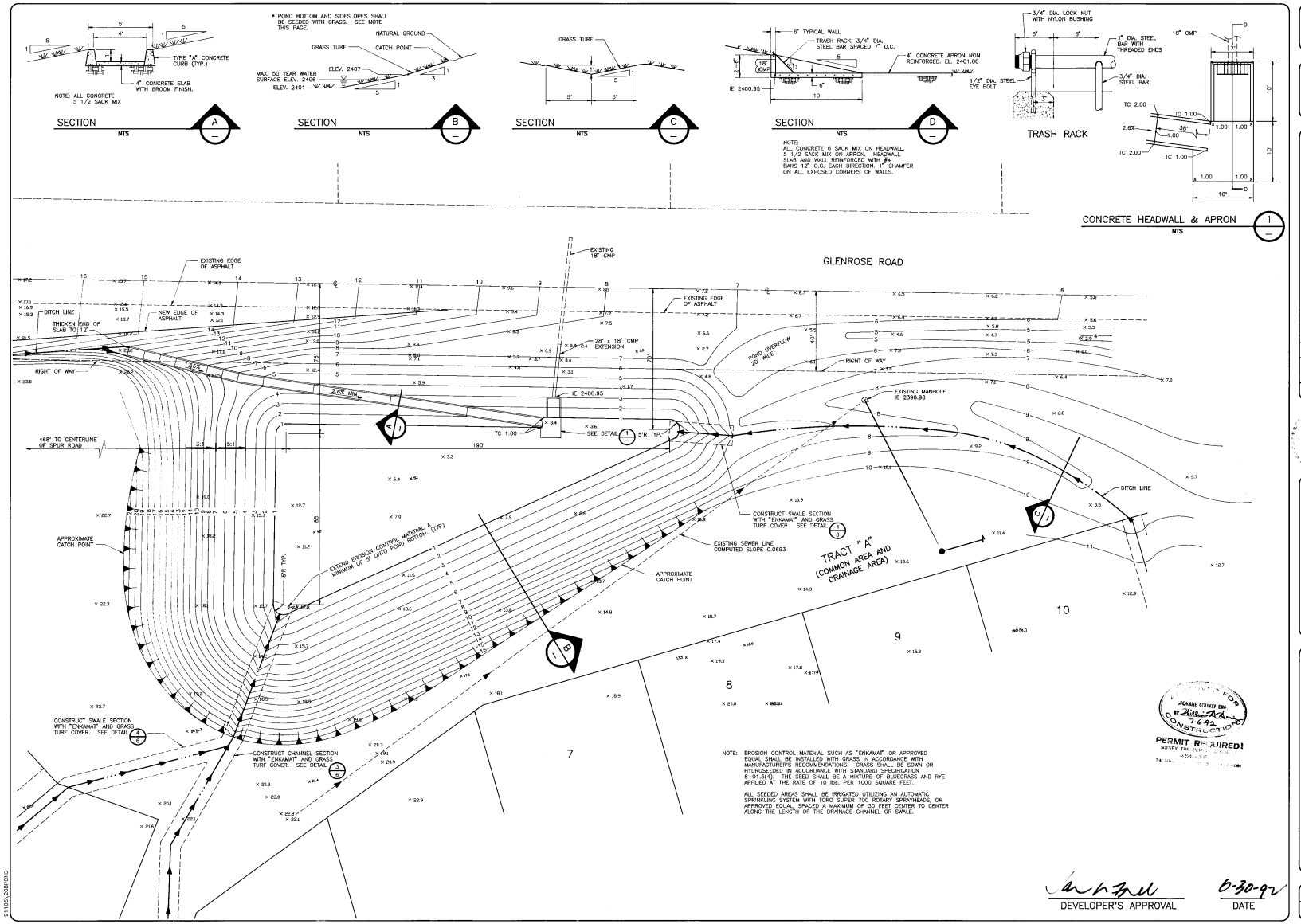
NO.	DATE	BY	REVISIONS

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

INVERNESS PUD
RECORD DRAWING AND PROPOSED REVISIONS

SHEET 7A OF 7
JOB NUMBER 91105

91105\208POND



SCALE	
HORIZONTAL	1"=100'
VERTICAL	1"=20'

DATE	6/12/92
DWN.	JTC
CHK.	RLH
APP.	RLH

NO.	DATE	BY	REVISIONS

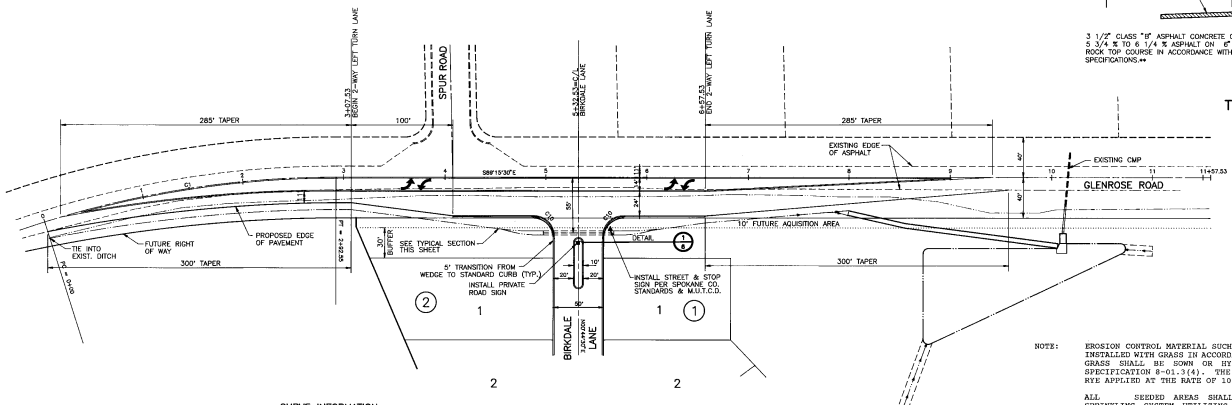
INLAND PACIFIC ENGINEERING
Suite 21 Altamont Spokane, Washington 99202
(509) 535-1410

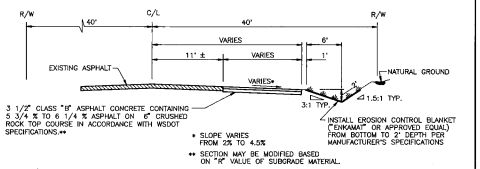
INVERNESS PUD
DRAINAGE RETENTION POND

STREET

SHEET	
7	OF 7
JOB NUMBER	
91105	

91105 DSBPOND





TYPICAL CROSS-SECTION
GLENROSE ROAD

APPROVED FOR CONSTRUCTION
SPOKANE COUNTY ENG.
6-29-92
PERMIT R...
NOTIFY THE ...
456-...
24 HRS. PRIOR TO CONS...

NOTE: EROSION CONTROL MATERIAL SUCH AS "ENKAMAT" OR APPROVED EQUAL SHALL BE INSTALLED WITH GRASS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. GRASS SHALL BE SOWN OR HYDROSEEDED IN ACCORDANCE WITH STANDARD SPECIFICATION 8-01.3(4). THE SEED SHALL BE A MIXTURE OF BLUEGRASS AND RYE APPLIED AT THE RATE OF 10 lbs. PER 1000 SQUARE FEET.

ALL SEEDED AREAS SHALL BE IRRIGATED UTILIZING AN AUTOMATIC SPRINKLING SYSTEM UTILIZING TORO SUPER 700 ROTARY SPRAYHEADS, OR APPROVED EQUAL, SPACED AT NOT LESS THAN 30 FEET CENTERS ALONG THE LENGTH OF THE DRAINAGE CHANNEL OR SWALE.

DEVELOPER'S APPROVAL — DATE 6-14-92

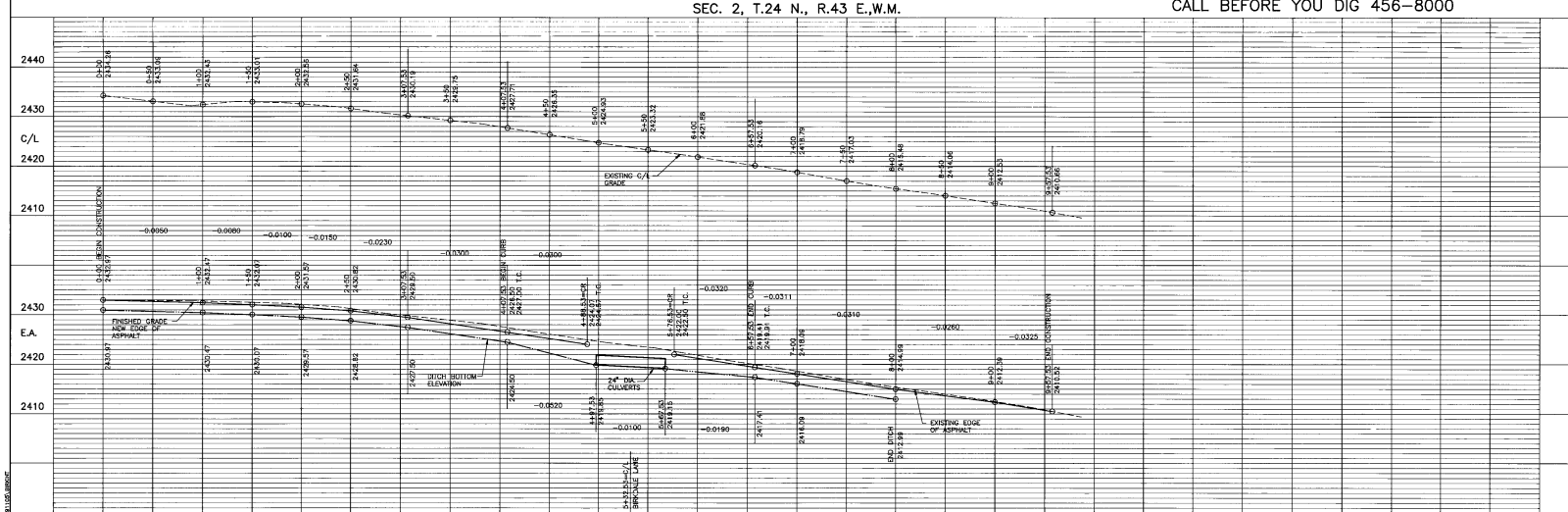
CURVE INFORMATION

CURVE	RADIUS	LENGTH	TANGENT	CHORD	DELTA
C1	954.93'	292.55'	147.43'	291.41'	17°33'11"
C10	20.00'	31.42'	20.00'	28.28'	90°00'00"

DATUM – CITY OF SPOKANE
USED TBM – FND. SPIKE IN P. POLE ON EAST SIDE OF GLENROSE ROAD & 250' S. OF HAVANA. ELEVATION= 2443.68

SEC. 2, T.24 N., R.43 E.,W.M.

CALL BEFORE YOU DIG 456-8000



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

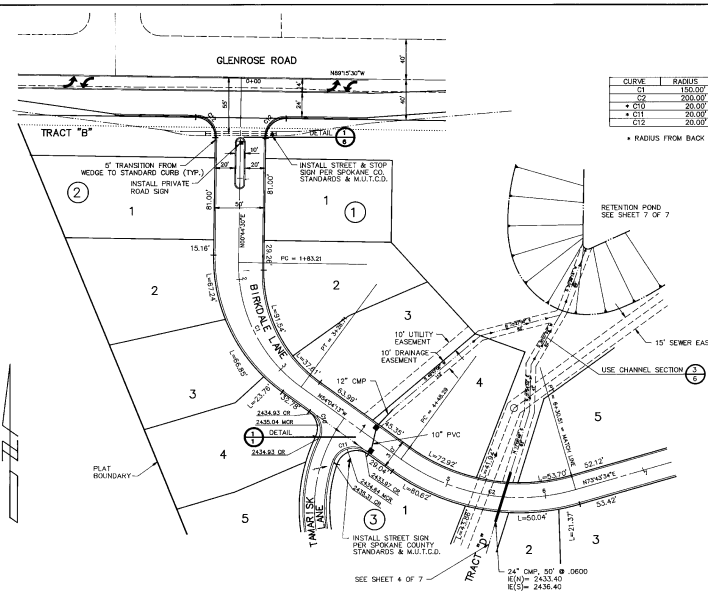
DATE 6/11/92 DWN. BAH CHK. SPS APP. MPY

NO.	DATE	BY	REVISIONS

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

INVERNESS PUD
BIRKDALE/GLENROSE INTERSECTION
PUBLIC ROAD IMPROVEMENTS

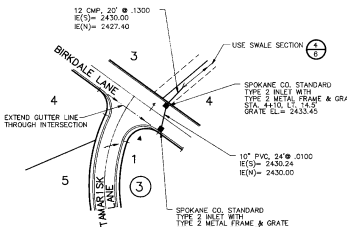
SHEET 1 OF 2
JOB NUMBER 91105



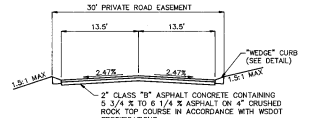
CURVE INFORMATION

CURVE	RADIUS	LENGTH	TANGENT	CHORD	DELTA
C1	150.00'	143.50'	77.27'	138.09'	54°48'43"
C2	200.00'	182.23'	97.99'	175.99'	52°12'13"
* C10	20.00'	27.64'	16.54'	25.49'	79°11'16"
* C11	20.00'	37.24'	26.88'	32.09'	106°41'50"
C12	20.00'	31.42'	20.00'	28.28'	90°00'00"

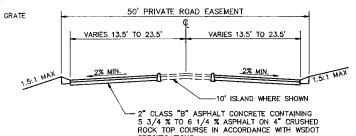
* RADIUS FROM BACK OF CURB



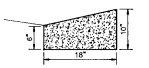
DRAINAGE DETAIL 1/1 1"=50'



TYPICAL CROSS-SECTION
BIRKDALE LANE
ST. ANNES LANE



TYPICAL CROSS-SECTION
BIRKDALE LANE
STA 0+58 TO 3+26.71



WEDGE CURB

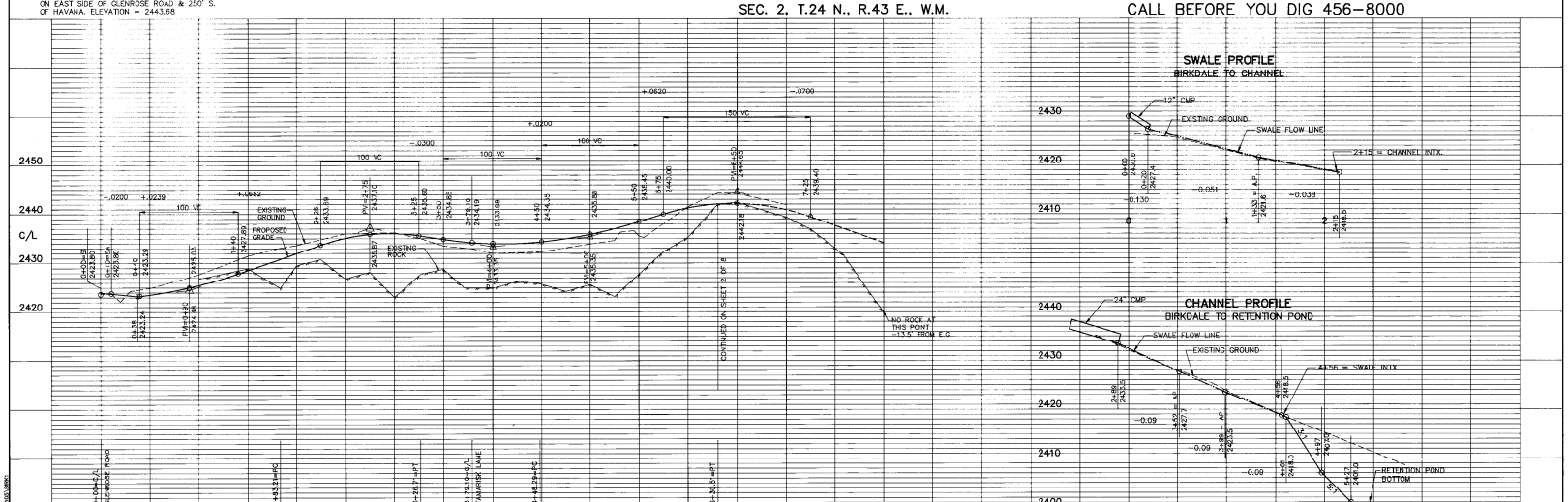
DEVELOPER'S APPROVAL

6-30-92
DATE

DATUM – CITY OF SPOKANE
USED TBM – FND. SPIKE IN P. POLE ON EAST SIDE OF GLENROSE ROAD & 250' S. OF HAVANA. ELEVATION = 2443.68

SEC. 2, T.24 N., R.43 E., W.M.

CALL BEFORE YOU DIG 456-8000



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

DATE 6/29/92
DWN. BJS/BAH
CHK. SRC
APP. MPT

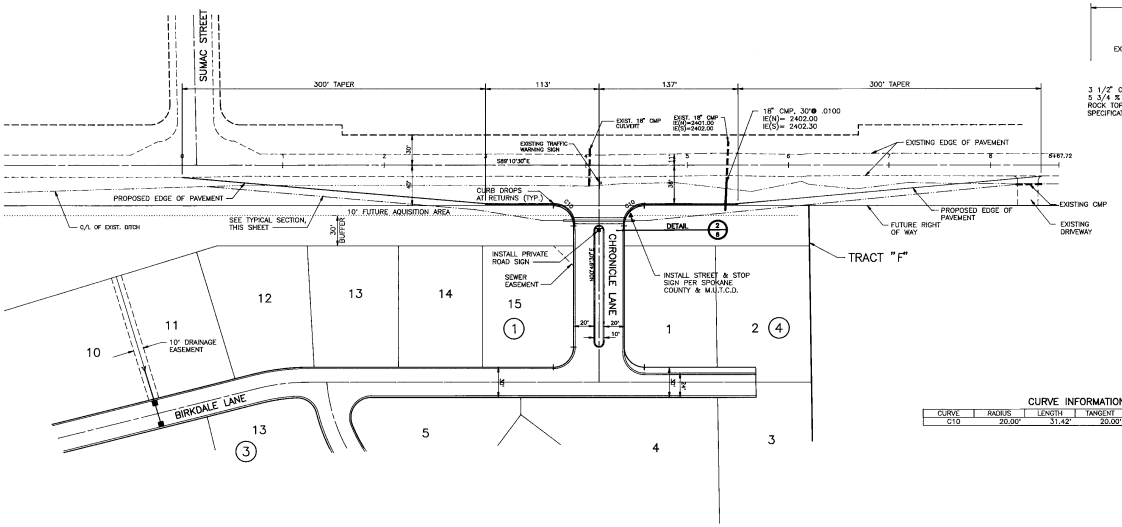
NO.	DATE	BY	REVISIONS

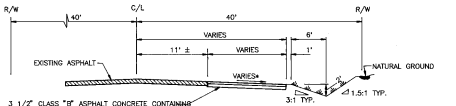
INLAND PACIFIC ENGINEERING
South 25 Howard, Spokane, Washington 99202
(509) 535-1410

INVERNESS PUD
BIRKDALE LANE
STA. 0+00 TO STA. 6+30.51

STREET

SHEET 1 OF 7
JOB NUMBER 91105





TYPICAL CROSS-SECTION
GLENROSE ROAD

APPROVED FOR CONST.
SPOKANE COUNTY ENG.
6-29-92

PERMIT #
ACTIVITY TYPE
EXPIRES
24 HRS. PRIOR TO CONST.

CURVE INFORMATION

CURVE	RADIUS	LENGTH	TANGENT	CHORD	DELTA
C10	20.00'	31.42'	20.00'	28.28'	90°00'00"

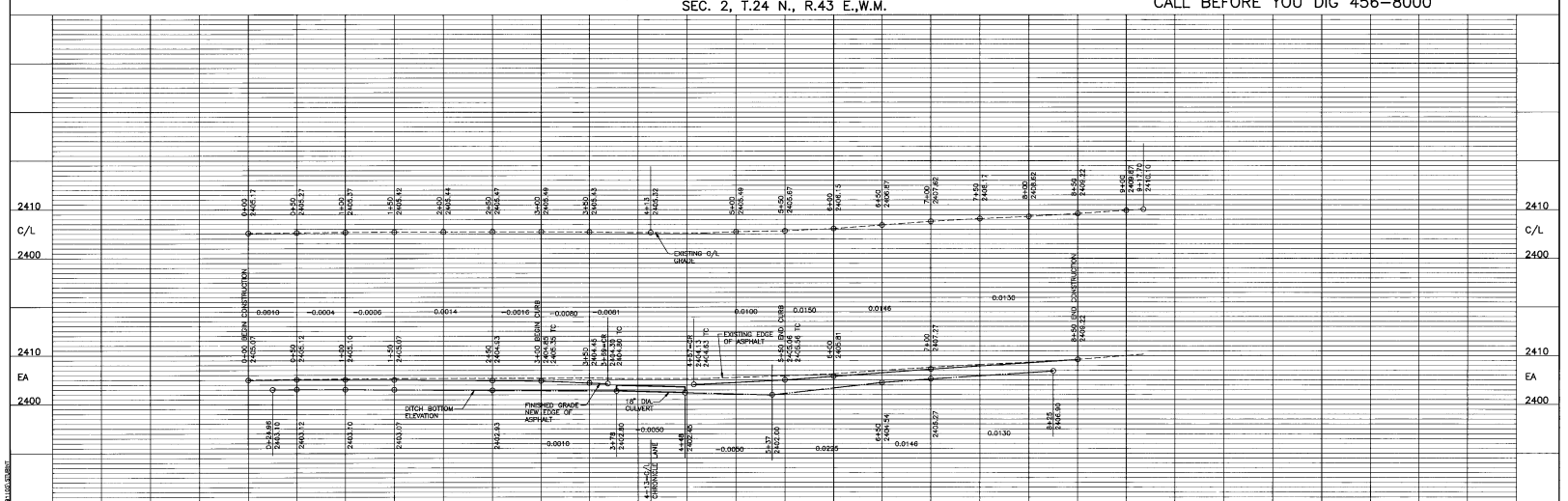
DATUM – CITY OF SPOKANE
USED TBM – FND. SPIKE IN P. POLE ON EAST SIDE OF GLENROSE ROAD & 250' S. OF HAVANA. ELEVATION= 2443.68

DEVELOPER'S APPROVAL

6-14-92
DATE

SEC. 2, T.24 N., R.43 E.,W.M.

CALL BEFORE YOU DIG 456-8000



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

DATE 6/1/92
DWN. BAH
CHK. SPS
APP'L. MY

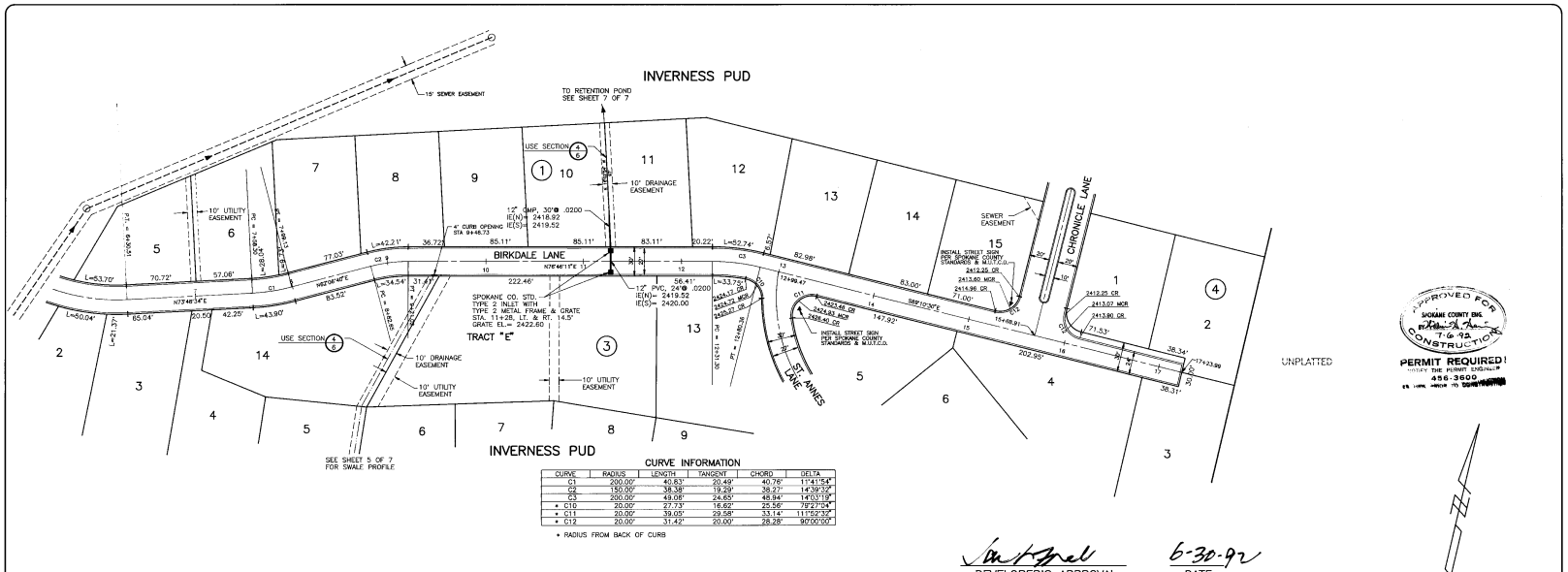
No.	DATE	BY

REVISIONS

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

INVERNESS PUD
CHRONICLE/GLENROSE INTERSECTION
PUBLIC ROAD IMPROVEMENTS

SHEET 2 OF 2
JOB NUMBER 91105



CURVE INFORMATION

CURVE	RADIUS	LENGTH	TANGENT	CHORD	DELTA
C1	200.00'	40.83'	20.49'	40.76'	11°41'54"
C2	150.00'	38.38'	19.29'	38.27'	14°39'32"
C3	200.00'	49.08'	24.65'	48.94'	14°03'19"
* C10	20.00'	27.73'	16.62'	25.56'	79°27'04"
* C11	20.00'	39.05'	29.58'	33.14'	111°52'32"
* C12	20.00'	31.42'	20.00'	28.28'	90°00'00"

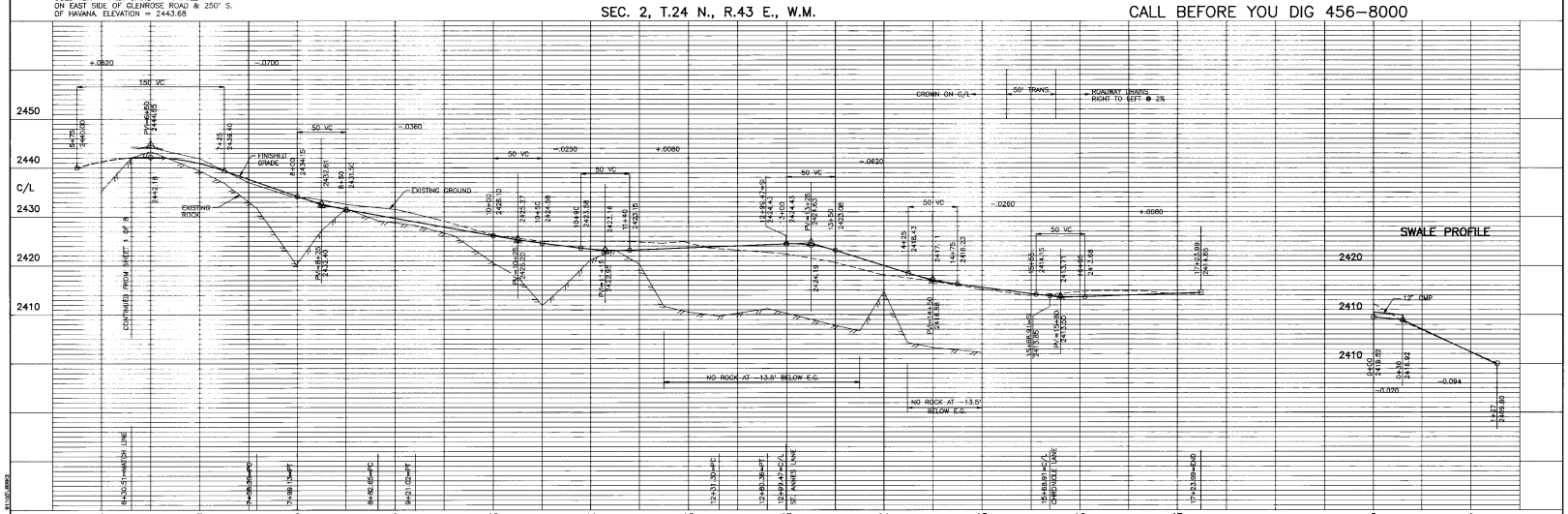
* RADIUS FROM BACK OF CURB

DEVELOPER'S APPROVAL 6-30-92 DATE

DATUM -- CITY OF SPOKANE
USED TBM -- FND. SPIKE IN P. POLE ON EAST SIDE OF GLENROSE ROAD & 250' S. OF HAVANA. ELEVATION = 2443.68

SEC. 2, T.24 N., R.43 E., W.M.

CALL BEFORE YOU DIG 456-8000



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

DATE 6/29/92
DWN. BJS,BAH
CHK. SPS
APP. MY

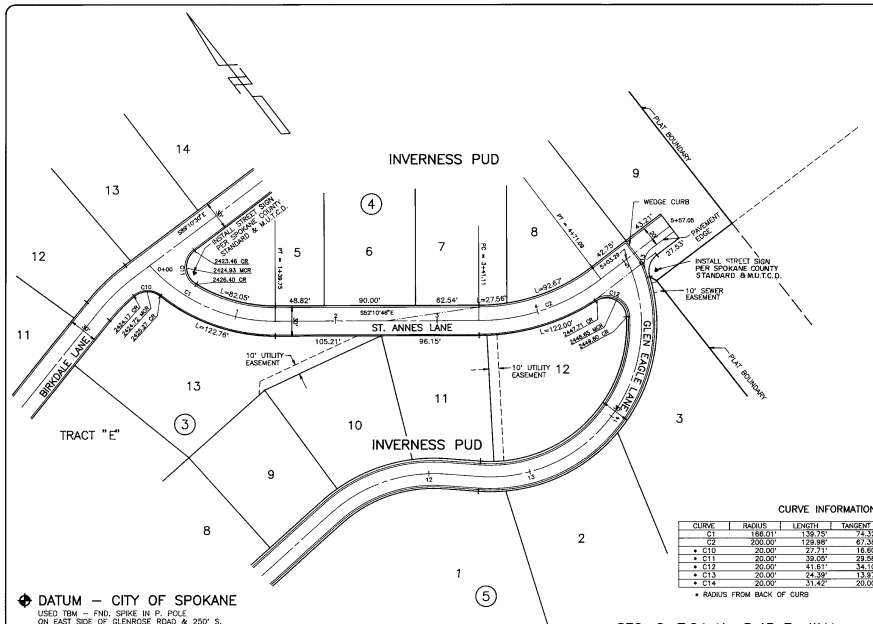
NO.	DATE	BY	REVISIONS

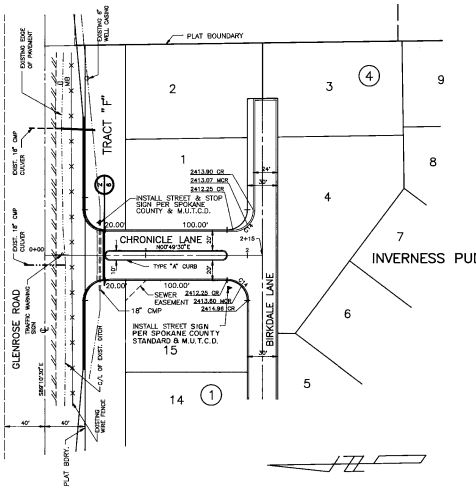
INLAND PACIFIC ENGINEERING
South 25 Altamont Spokane, Washington 99202
(509) 535-1410

INVERNESS PUD
BIRKDALE LANE
STA.6+30.51 TO 17+23.99

STREET

SHEET 2 OF 7
JOB NUMBER 91105





CURVE INFORMATION

CURVE	RADIUS	LENGTH	TANGENT	CHORD	DELTA
C1	166.01'	139.75'	74.32'	135.66'	48°13'54"
C2	200.00'	129.98'	67.38'	127.70'	37°14'12"
* C10	20.00'	27.71'	16.60'	25.55'	79°23'02"
* C11	20.00'	39.05'	29.58'	33.14'	111°52'32"
* C12	20.00'	41.61'	34.19'	34.50'	119°12'43"
* C13	20.00'	24.39'	13.97'	22.90'	69°52'00"
* C14	20.00'	31.42'	20.00'	28.28'	90°00'00"

* RADIUS FROM BACK OF CURB

DATUM – CITY OF SPOKANE
USED TBM – FND. SPIKE IN P. POLE ON EAST SIDE OF GLENROSE ROAD & 250' S. OF HAVANA. ELEVATION= 2443.68

SEC. 2, T.24 N., R.43 E., W.M.

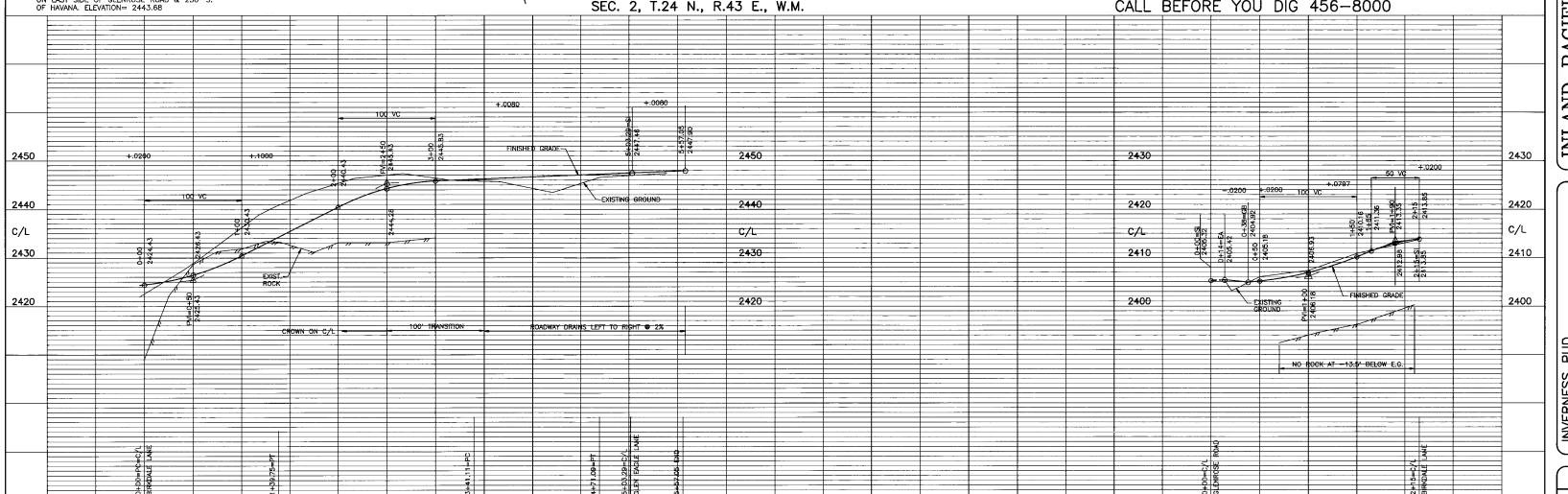
DEVELOPER'S APPROVAL

6-14-92
DATE

APPROVED FOR CONSTRUCTION
SPOKANE COUNTY ENGINEER
7-6-92

PERMIT REQUIRED
NOTIFY THE PERMIT ENGINEER 456-3600 24 HRS PRIOR TO CONSTRUCTION

CALL BEFORE YOU DIG 456-8000



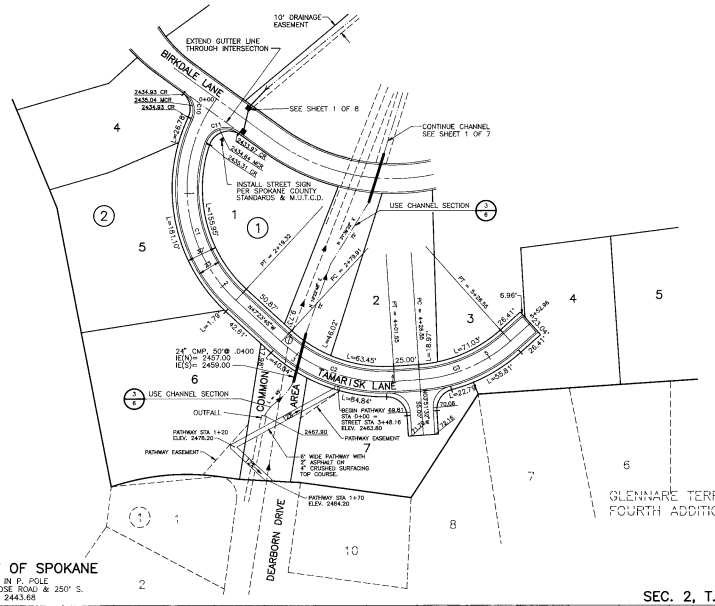
INLAND PACIFIC ENGINEERING
South 25 Altamont Spokane,Washington 99202
(509) 535-1410

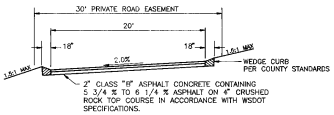
INVERNESS PUD
ST. ANNES LANE
CHRONICLE LANE
STREET

SCALE: HORIZONTAL 1" = 50' VERTICAL 1" = 10'
DATE: 6/12/92
DWN: BJS/BAJ
CHK: SPS
APP.: MPY

NO.	DATE	BY	REVISIONS

SHEET 3 OF 7
JOB NUMBER 91105





TYPICAL CROSS-SECTION
TAMARISK LANE

APPROVED FOR CONSTRUCTION
SPOKANE COUNTY ENG.
BY [signature]
7-6-92
PERMIT REQUIRED
NOTIFY THE PERMIT ENGINEER
456-8000
24 HRS. PRIOR TO CONSTRUCTION

CURVE INFORMATION

CURVE	RADIUS	LENGTH	TANGENT	CHORD	DELTA
C1	150.00'	219.32'	134.52'	200.30'	83°46'22"
C2	150.00'	121.64'	64.39'	118.33'	46°27'46"
C3	150.00'	100.00'	51.94'	98.16'	38°11'50"
* C10	20.00'	27.64'	18.54'	25.49'	79°11'16"
* C11	20.00'	37.24'	26.88'	32.09'	106°41'52"

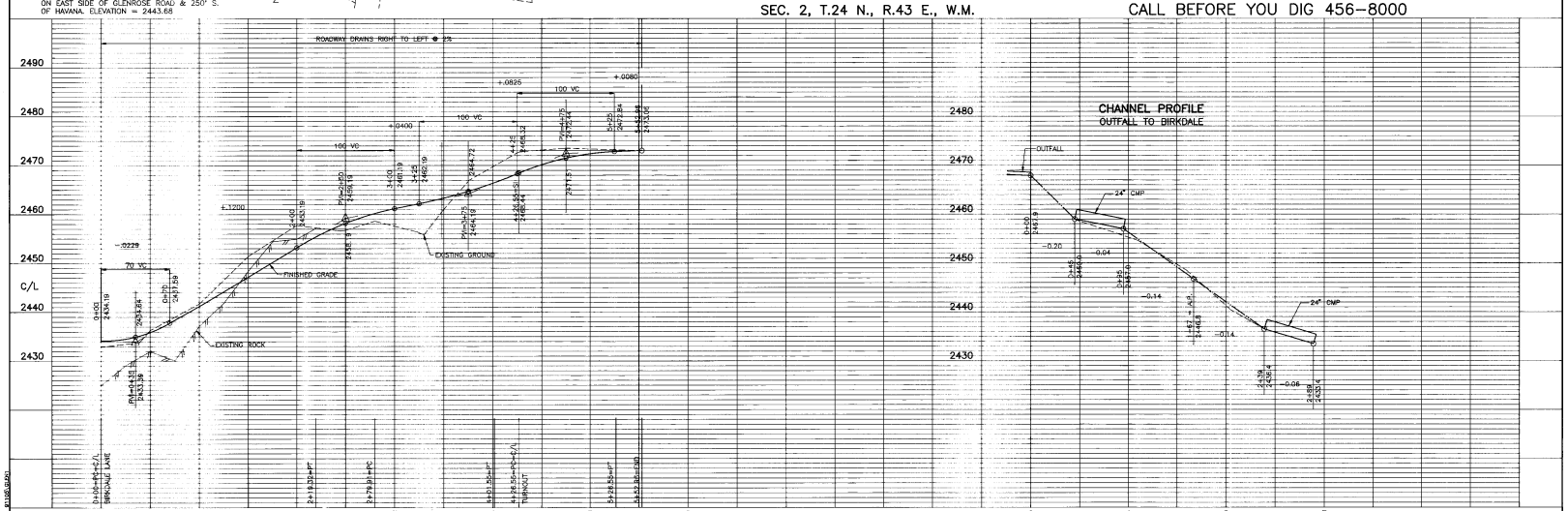
* RADIUS FROM BACK OF CURB

[signature] 6-30-92
DEVELOPER'S APPROVAL DATE

DATUM – CITY OF SPOKANE
USED TBM – FND. SPIKE IN P. POLE ON EAST SIDE OF GLENROSE ROAD & 250' S. OF HAVANA. ELEVATION = 2443.68

SEC. 2, T.24 N., R.43 E., W.M.

CALL BEFORE YOU DIG 456-8000



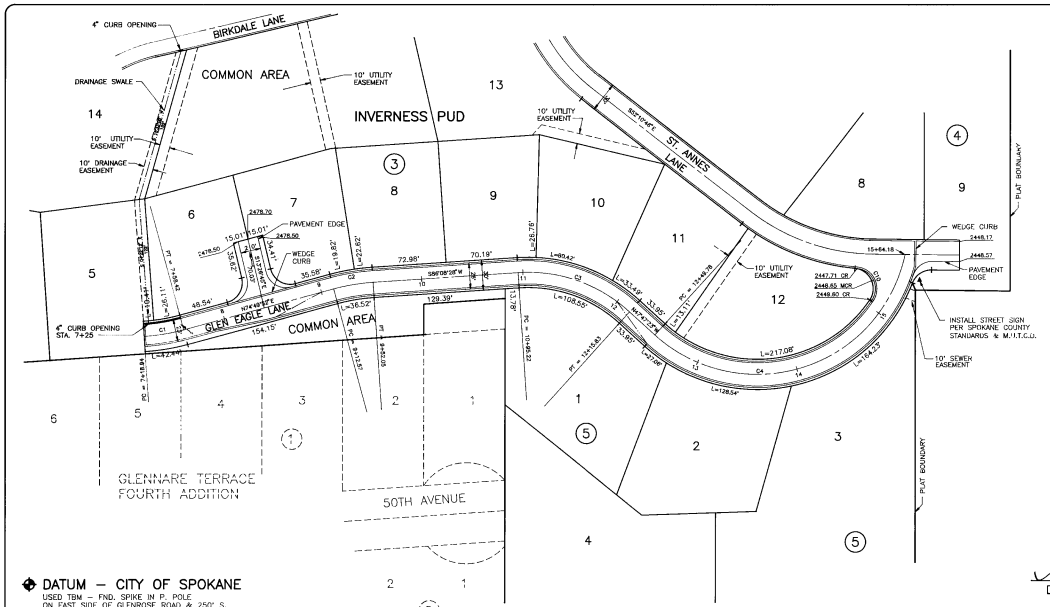
SCALE HORIZONTAL 1" = 50'
VERTICAL 1" = 10'
DATE 6/29/92
DWN. BJS,BAH
CHK. SBS
APP. MY

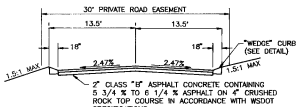
NO.	DATE	BY	REVISIONS

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

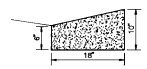
INVERNESS PUD
TAMARISK LANE
STA. 0+00 TO STA. 5+52.92
STREET

SHEET 4 OF 7
JOB NUMBER 91105





TYPICAL CROSS-SECTION
GLEN EAGLE LANE



WEDGE CURB

APPROVED FOR CONSTRUCTION
SPOKANE COUNTY ENG.
BY [signature]
7-6-92
PERMIT REQUIRED!
24 HRS PRIOR TO CONSTRUCTION

CURVE TABLE

CURVE	RADIUS	LENGTH	TANGENT	CHORD	DELTA
C1	200.00'	39.48'	19.80'	39.42'	11°18'36"
C2	200.00'	39.48'	19.80'	39.42'	11°18'36"
C3	150.00'	120.61'	63.78'	117.39'	46°04'09"
C4	150.00'	314.41'	260.30'	259.93'	120°05'38"
* C10	20.00'	41.61'	34.10'	34.50'	119°12'41"

* RADIUS FROM BACK OF CURB

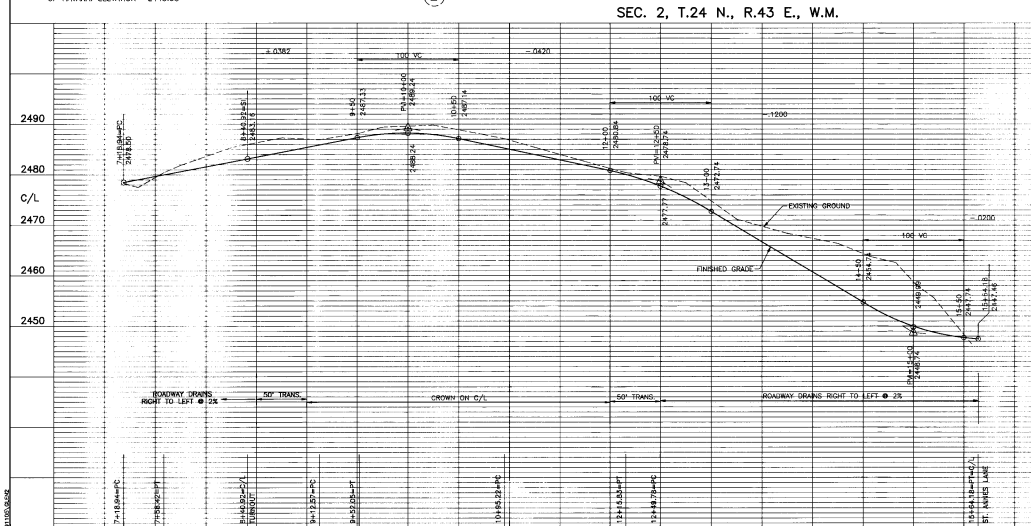
DATUM – CITY OF SPOKANE
USED TBM – FND. SPIKE IN P. POLE ON EAST SIDE OF GLENROSE ROAD & 250' S. OF HAVANA. ELEVATION= 2443.68

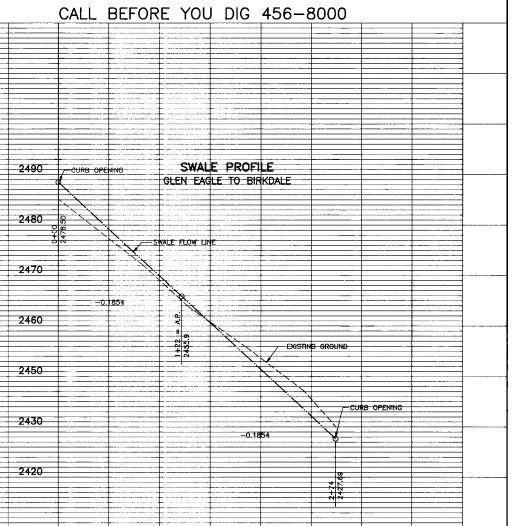
DEVELOPER'S APPROVAL

6-30-92
DATE

SEC. 2, T.24 N., R.43 E., W.M.

CALL BEFORE YOU DIG 456-8000





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

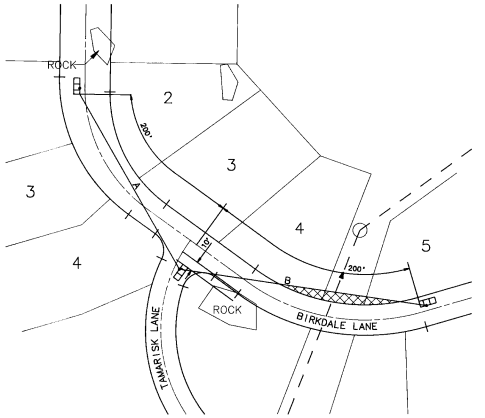
DATE 6/29/92
DWN. BJS,BAH
CHK. SPS
APP. MPY

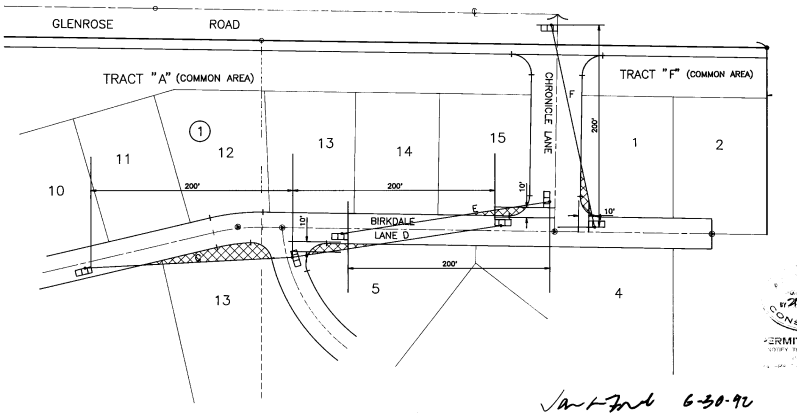
NO.	DATE	BY	REVISIONS

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

INVERNESS PUD
GLEN EAGLE LANE
STA. 7+43.85 TO STA. 15+89.01
STREET

SHEET 5 OF 7
JOB NUMBER 91105





NOTE:
SIGHT DISTANCE ZONES (SHADED AREAS) SHALL BE GRADED AND LANDSCAPED TO MAINTAIN HORIZONTAL AND VERTICAL SIGHT LINES AS SHOWN.

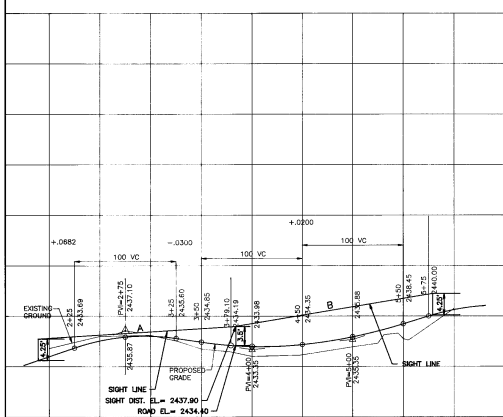
APPROVED FOR CONSTRUCTION
BY [signature]
7-6-92
PERMIT REQUIRED
VERIFY THE PERMIT STATUS BEFORE CONSTRUCTION

6-30-92
DEVELOPER APPROVAL

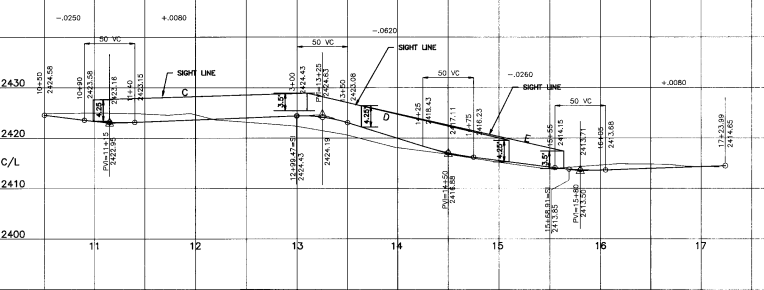
◆ DATUM – CITY OF SPOKANE
USED TBM – FND. SPIKE IN P. POLE ON EAST SIDE OF GLENROSE ROAD & 250' S. OF HAVANA. ELEVATION= 2443.68

SEC. 2, T.24 N., R.43 E.,W.M.

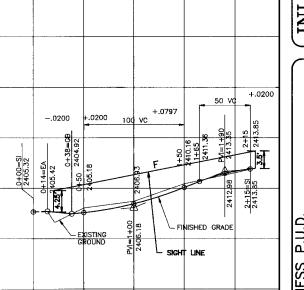
CALL BEFORE YOU DIG 456–8000



BIRKDALE LANE PROFILE



BIRKDALE LANE PROFILE



CHRONICLE LANE PROFILE

SCALE	HORIZONTAL 1"=50' VERTICAL 1"=10'
DATE	5/29/92
DWN.	BAH
CHK.	MPY
APP.	MPY

REVISIONS			
NO.	DATE	BY	

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

INVERNESS P.U.D.
SIGHT DISTANCE

SHEET 1 OF 1
JOB NUMBER 91105