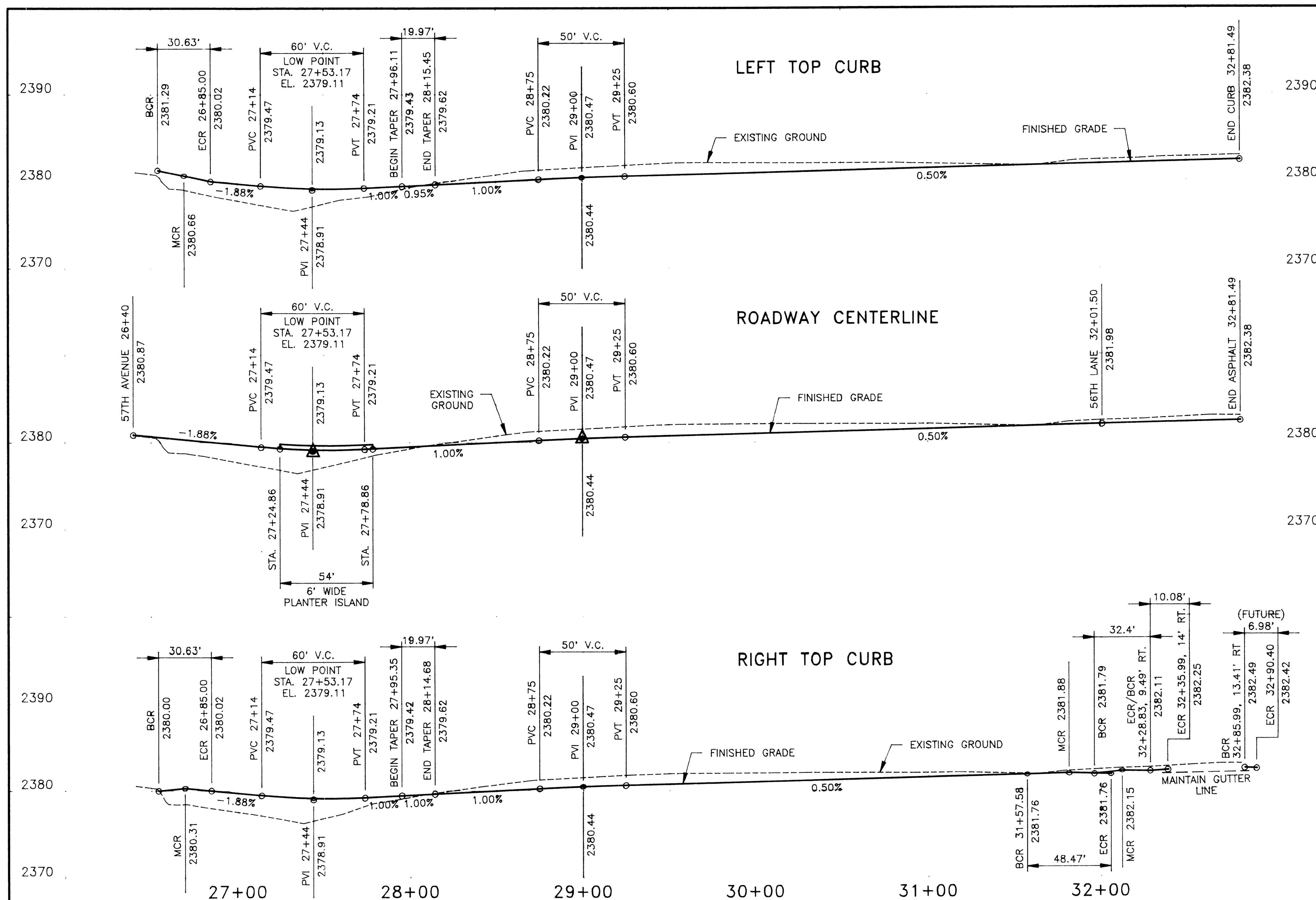
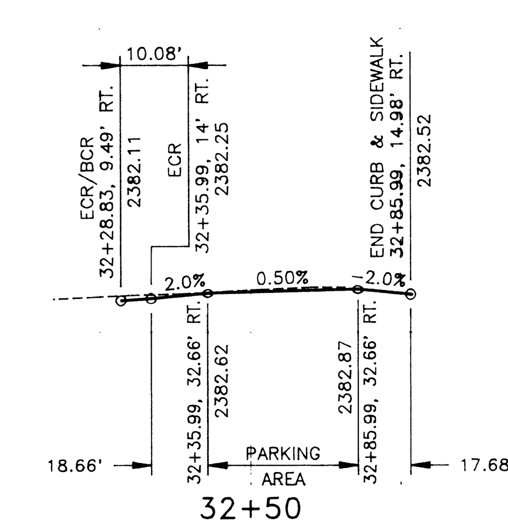


PARKING AREA TOP CURB



SEEDING SPECIFICATIONS:

GRASS SEED:
PROVIDE FRESH, CLEAN, NEW-CROP SEED COMPLYING WITH TOLERANCE FOR PURITY AND GERMINATION ESTABLISHED BY THE OFFICIAL SEED ANALYSIS OF NORTH AMERICA. PROVIDE SEED MIXTURE COMPOSED OF GRASS SPECIES AND PERCENTAGES BY WEIGHT AS FOLLOWS:

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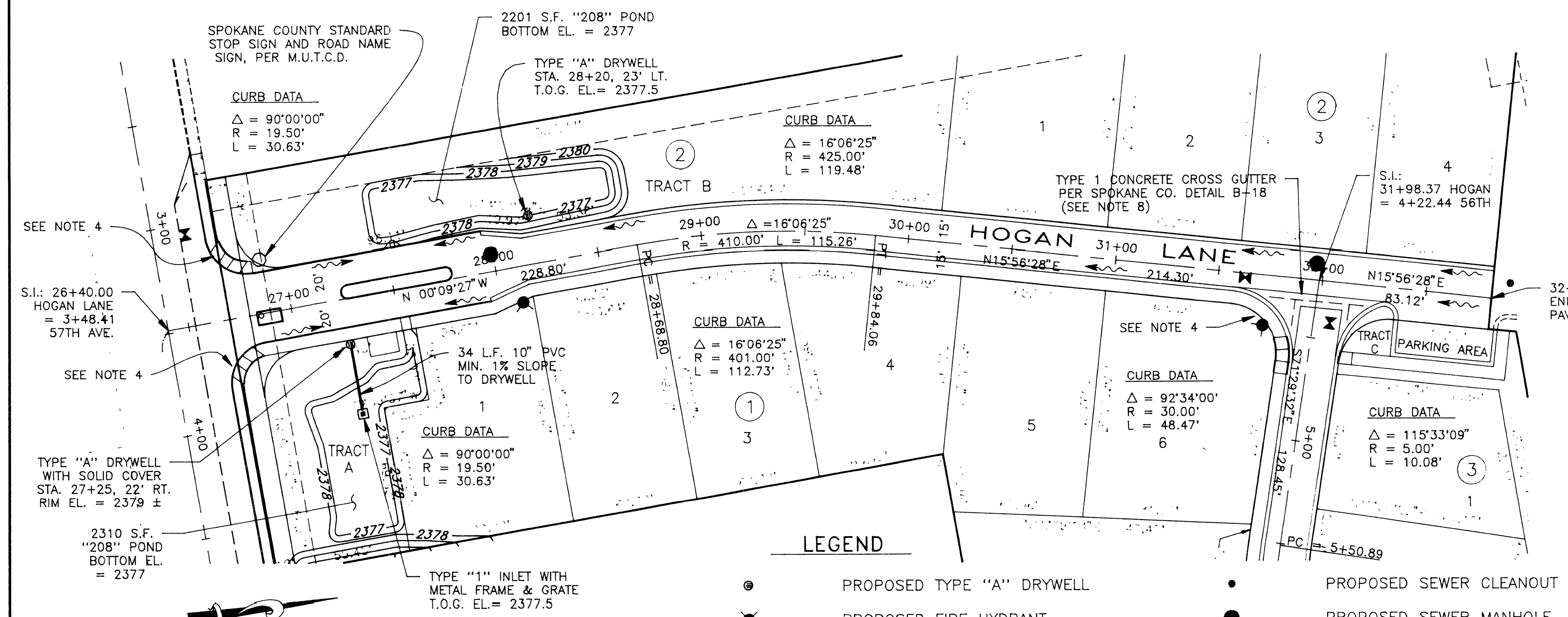
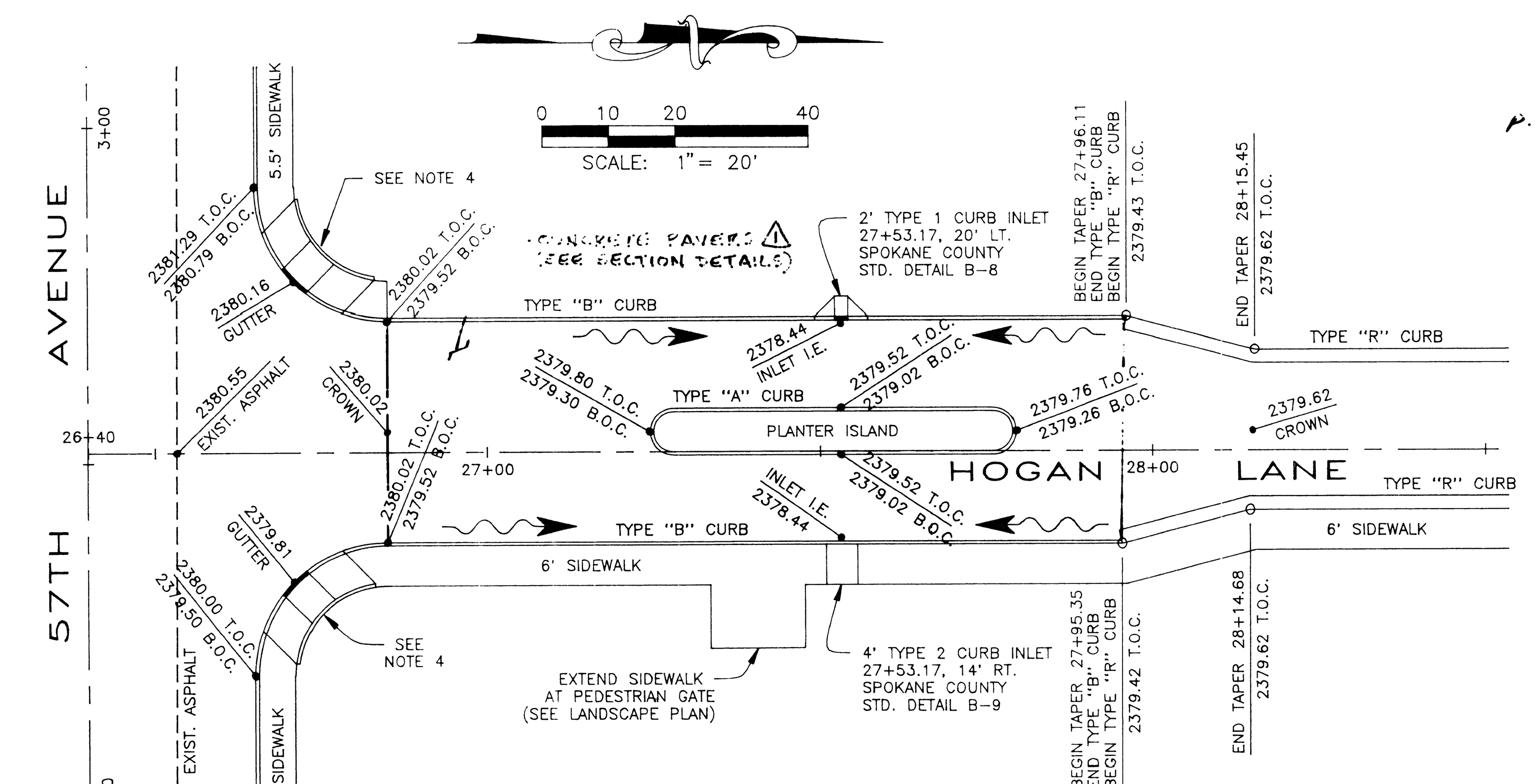


LEGEND

PROPOSED TYPE "A" DRYWELL	PROPOSED SEWER CLEANOUT
PROPOSED FIRE HYDRANT	PROPOSED SEWER MANHOLE
PROPOSED 6" WATER GATE VALVE	PROPOSED CURB & SIDEWALK
PROPOSED METER VAULT	EXISTING EDGE OF ASPHALT
T.O.C. TOP OF CURB	PROPOSED SURFACE FLOW
B.O.C. BOTTOM OF CURB (TOP OF ASPHALT)	



ENTRY CURB & SIDEWALK DETAIL
SCALE: 1" = 20'

Dean Franz, P.E.
7-7-1997

P.1772A

ENGINEER'S CERTIFICATION STATEMENT:

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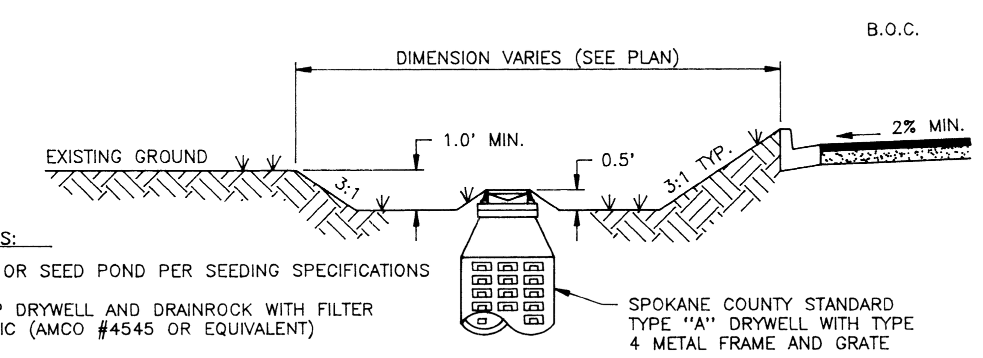
FIRE DISTRICT #8 APPROVAL

BY: Vernon D. Blystone Division Chief
DATE: 6-23-97

Terence J. Sullivan 6-20-97
DEVELOPER'S APPROVAL — DATE



NOTES:
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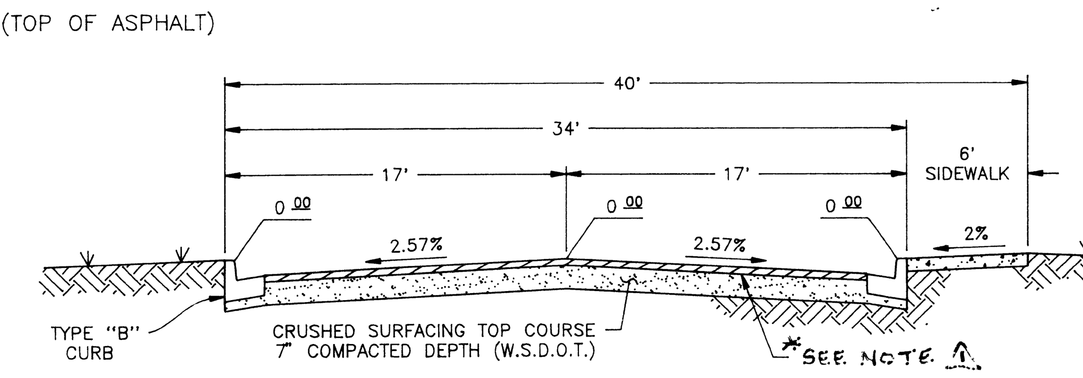
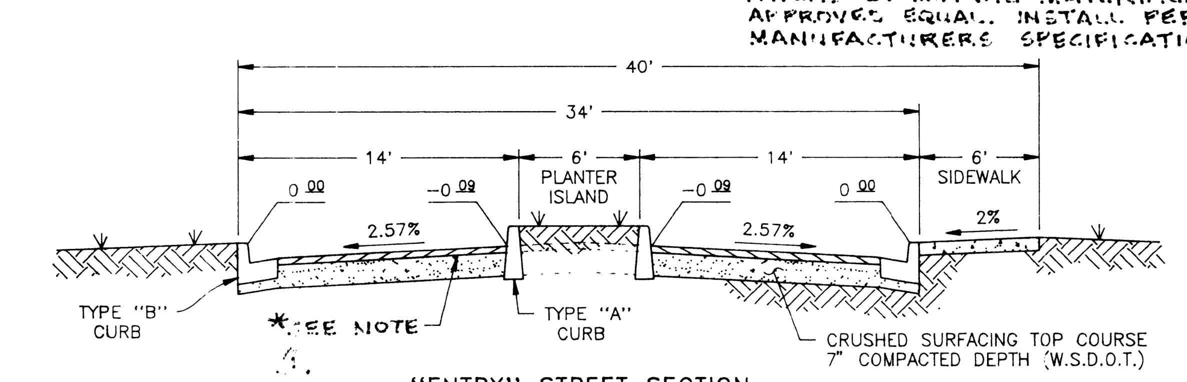
"208" POND SECTION
N.T.S.



"ENTRY" STREET SECTION
STA. 26+85 to 27+25 & STA. 27+79 to 27+95
NOT TO SCALE

1 *NOTE
INSTALL 8 MM INTERLOCKING CONCRETE PAVERS BY MUTUAL MATERIALS OR APPROVED EQUAL. INSTALL PER MANUFACTURERS SPECIFICATIONS.



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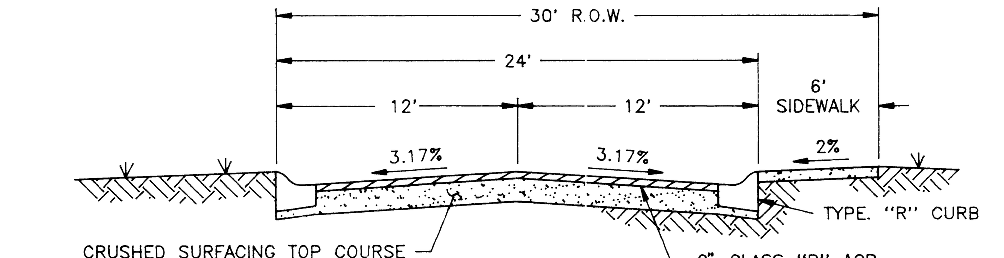


TYP. STREET SECTION
STA. 28+15 to 32+81.49
NOT TO SCALE

CALL BEFORE YOU DIG 456-8000

BY	REVISIONS	DATE	PROJ.	FROM	AS BUILT	TO	ACCEPT
JKO	ADDED PAVERS IN ENTRY (1)	12/16/97					

BENCH MARK DATA	SCALE	DATE	
CBM: No. 57S-13E	HORIZONTAL 1" = 50'	06/97	DRAWN JKO
ELEVATION 2384.32 CITY DATUM	VERTICAL 1" = 10'		CHECKED JGL
LOCATION BRASS CAP AT SE COR. OF 57TH & PERRY 12.0' E. OF E. CURB, 9.0' S. OF S. CURB			APPROVED

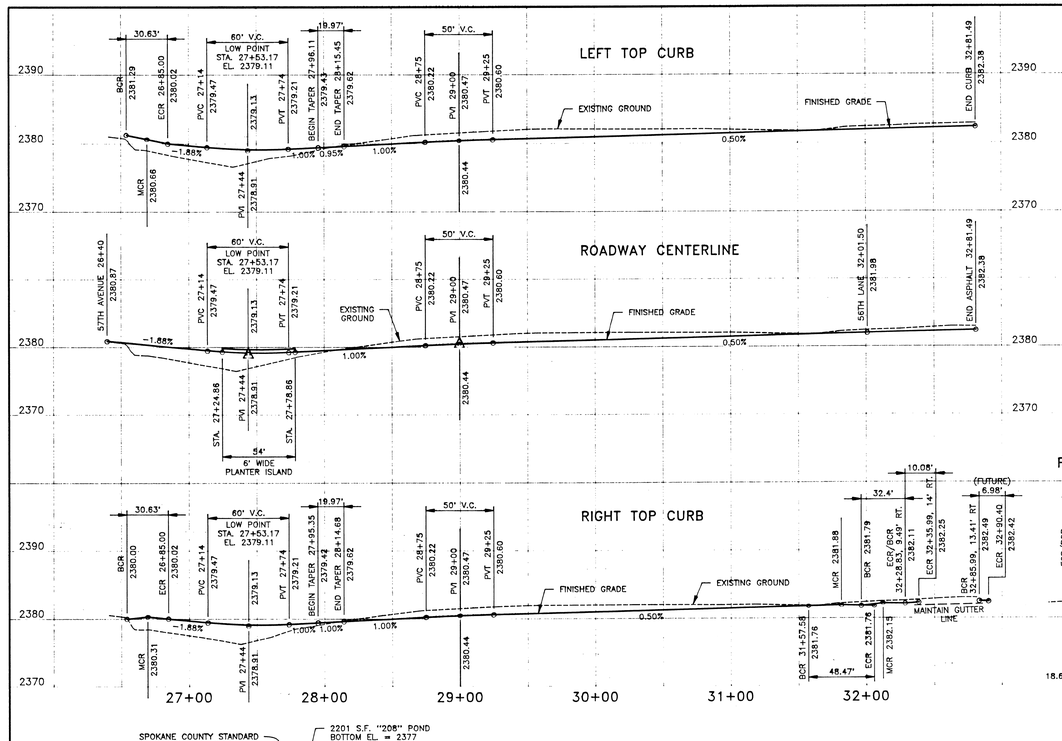
METRO ENGINEERING, INC.
S. 324 SHERMAN
SPOKANE, WA 99202
(509) 624-9351

LAURELHURST PLACE P.U.D., PHASE 1
STREET PLAN AND PROFILE
HOGAN LANE

TYPE OF IMPROVEMENT:	STREET
PROJECT NUMBER	PLAN NUMBER
96-002	1 of 3

6002-ST1.DWG 06/20/97 XREF: 6002BASE.DWG

1772A



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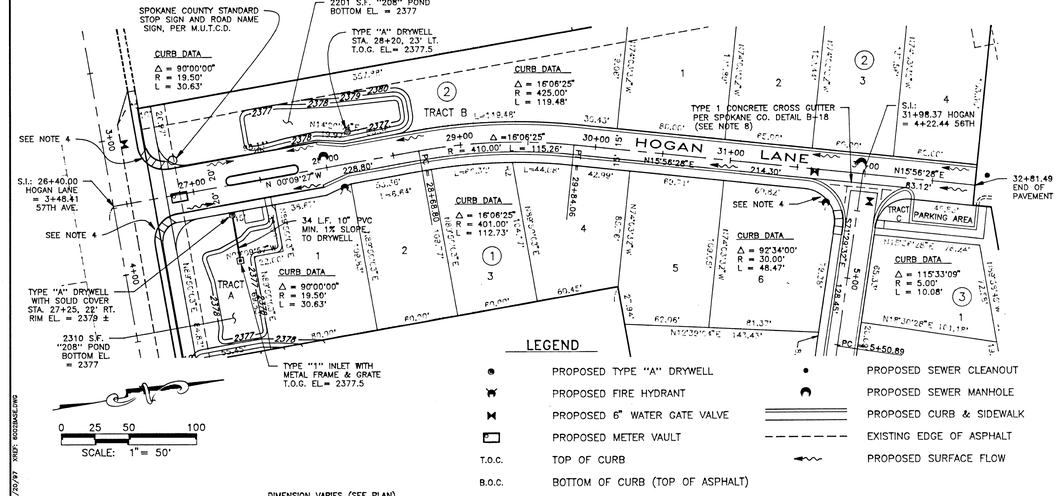

LEGEND

	PROPOSED TYPE "A" DRYWELL		PROPOSED SEWER CLEANOUT
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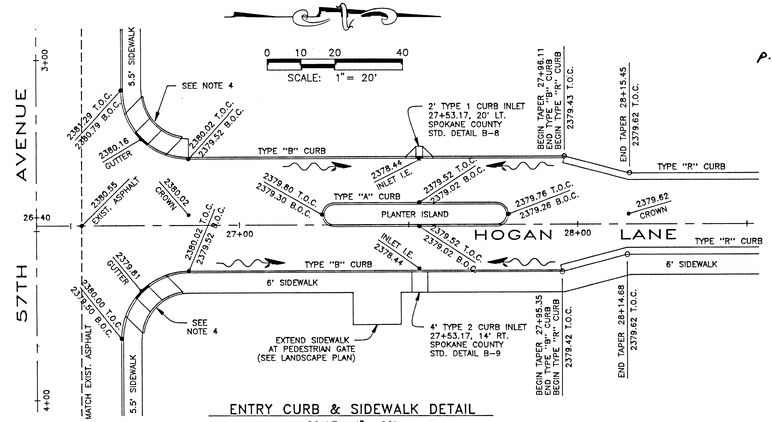

ENTRY CURB & SIDEWALK DETAIL
SCALE: 1" = 20'

Dean Fraser P.E. 7-7-1997
P-1772A

NOEL G. LEE — STATE OF WASHINGTON — 30891 — REGISTERED PROFESSIONAL ENGINEER — EXPIRES 2-21-99

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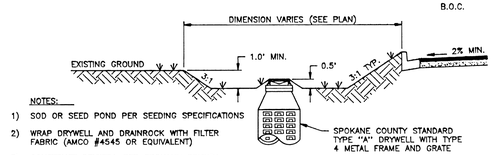

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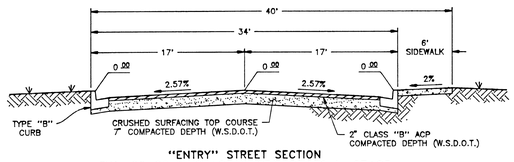

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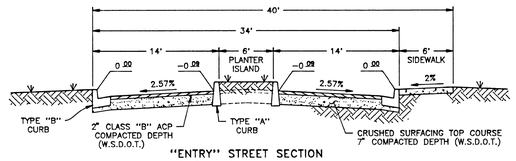

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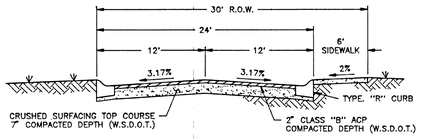

TYP. STREET SECTION
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BY	REVISIONS	DATE	PROJ.	FROM	AS BUILT	TO	ACCEPT

BENCH MARK DATA		SCALE		DATE	
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METRO ENGINEERING, INC.
S. 324 SHERMAN
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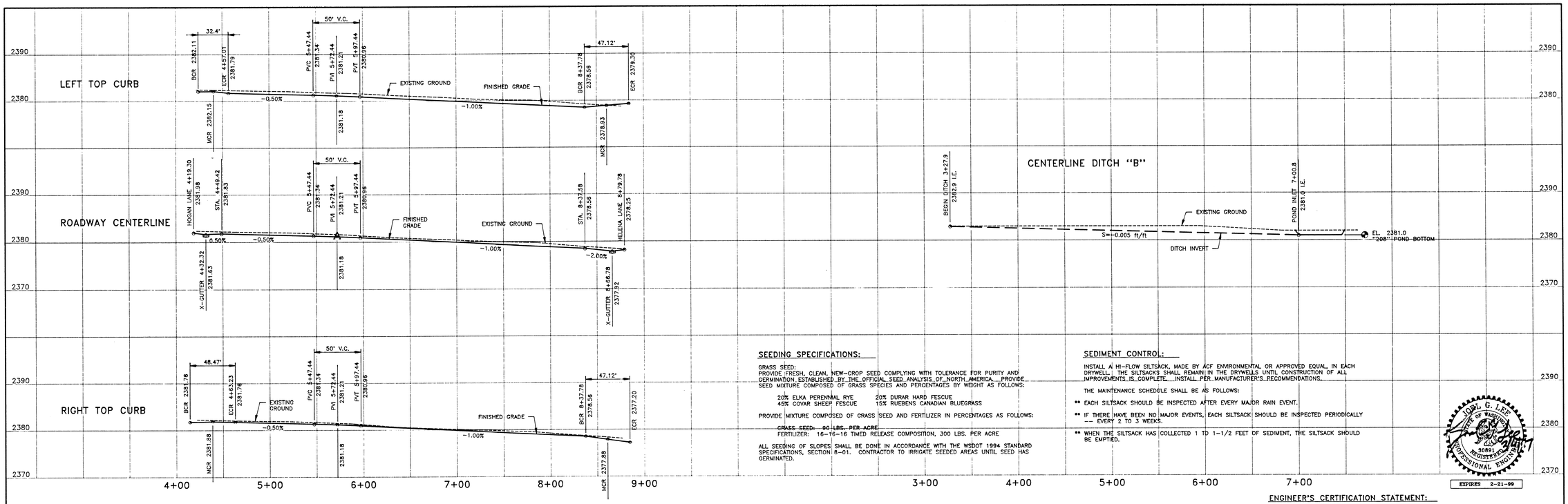
(509) 624-9351

LAURELHURST PLACE P.U.D., PHASE 1
STREET PLAN AND PROFILE
HOGAN LANE

TYPE OF IMPROVEMENT:	STREET
PROJECT NUMBER	PLAN NUMBER
96-002	1 of 3

1772A



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JOEL G. LEA — STATE OF WASHINGTON — 30891 — REGISTERED PROFESSIONAL ENGINEER

EXPIRES 2-21-99

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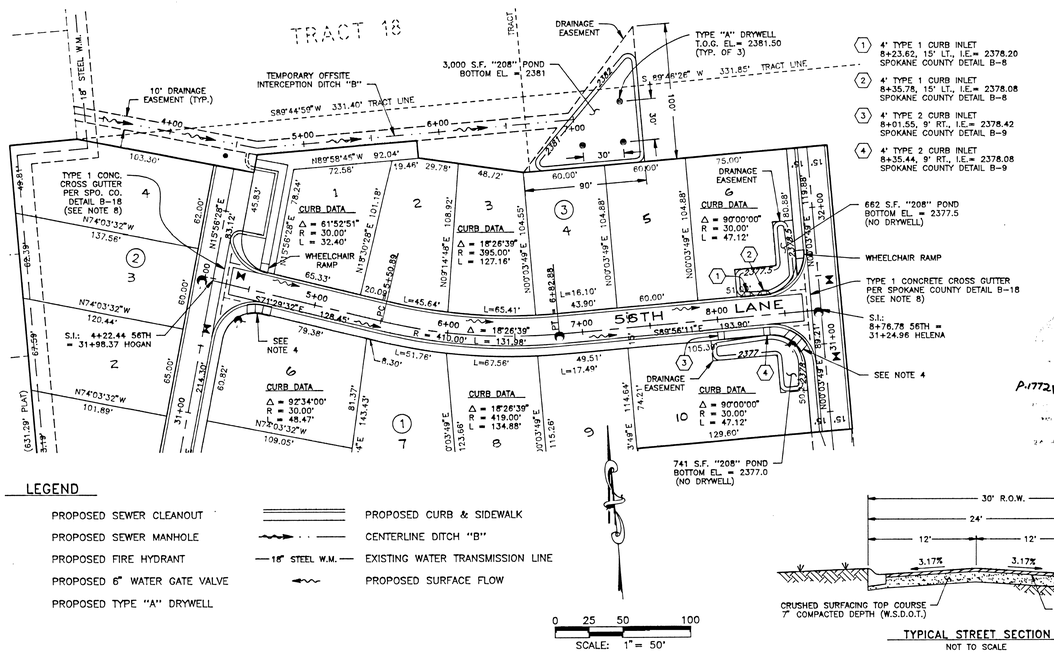

1) 4' TYPE 1 CURB INLET 8+23.62, 15' LT., I.E.= 2378.20 SPOKANE COUNTY DETAIL B-8
2) 4' TYPE 1 CURB INLET 8+35.78, 15' LT., I.E.= 2378.08 SPOKANE COUNTY DETAIL B-8
3) 4' TYPE 2 CURB INLET 8+01.55, 9' RT., I.E.= 2378.42 SPOKANE COUNTY DETAIL B-9
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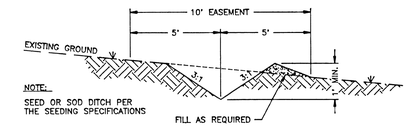
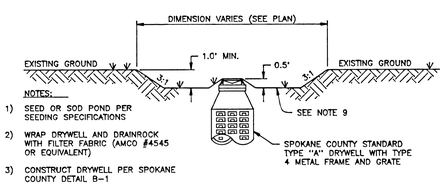


TEMPORARY OFFSITE INTERCEPTION DITCH "B" SECTION
NOT TO SCALE



OFF-SITE DRAINAGE POND SECTION
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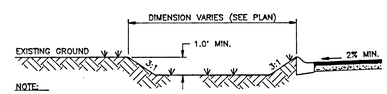
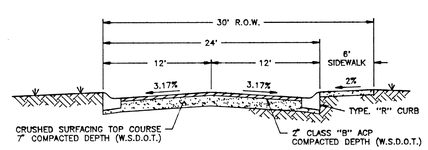


"208" POND SECTION (NO DRYWELL)
NOT TO SCALE



TYPICAL STREET SECTION
NOT TO SCALE

CONSTRUCTION NOTES:

1. ALL ITEMS OF CONSTRUCTION SHALL BE COMPLETED IN ACCORDANCE WITH THE 1994 STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION AS PROMULGATED JOINTLY BY THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION (WSDOT) AND THE AMERICAN PUBLIC WORKS ASSOCIATION (APWA); THE 1995 SPOKANE COUNTY STANDARDS FOR ROAD AND SEWER CONSTRUCTION; AND ALL AMENDMENTS HERETO.
2. LOCATIONS OF EXISTING UTILITIES SHOWN IN THE PLANS ARE APPROXIMATE. PRIOR TO SITE CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES. CALL THE UNDERGROUND UTILITY LOCATION SERVICE AT 456-8000 BEFORE YOU DIG. ANY CONFLICTING UTILITIES SHALL BE RELOCATED PRIOR TO CONSTRUCTION OF ROAD AND DRAINAGE FACILITIES.
3. CURB DATA INFORMATION IS FOR BACK OF CURB.
4. WHEELCHAIR RAMP PER SPOKANE COUNTY STANDARD PLAN A-5.
5. 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.
6. 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.
7. FOR ANY CURB GRADES LESS THAN 0.8% (0.008 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.
8. THE CONTRACTOR SHALL EMPLOY A LICENSED SURVEYOR TO VERIFY THAT THE CROSS-GUTTER FORMS ARE AT THE CORRECT PLANE GRADE PRIOR TO CONCRETE PLACEMENT. THE CROSS-GUTTERS SHALL BE CONSTRUCTED PRIOR TO PAVING, AND THE PAVEMENT SHALL THEN MATCH THE EDGE OF CONCRETE GUTTER.
9. THE FLOOR OF A "208" SWALE INCLUDES THE LEVEL PORTION OF THE FLOOR OF THE SWALE, AND THE SIDESLOPES OF THE SWALE UP TO THE "208" OVERFLOW ELEVATION OR TOP OF DRYWELL. THE SOIL LOCATED IN THE FLOOR OF THE "208" SWALE SHALL BE A MEDIUM TO WELL-DRAINING MATERIAL WITH A MINIMUM INFILTRATION RATE OF 0.5 INCHES PER HOUR. THE ENGINEER SHALL PROVIDE A WRITTEN STATEMENT WHICH VERIFIES THAT ALL "208" SWALES CONFORM TO THIS REQUIREMENT. THIS WRITTEN STATEMENT SHALL BE SUBMITTED TO THE SPOKANE COUNTY ENGINEER'S OFFICE PRIOR TO INSTALLING FINISHED LANDSCAPING/SOD AND PRIOR TO FINAL ACCEPTANCE. THE SWALE FLOOR MATERIAL SHALL BE INSTALLED TO A NATIVE SOIL STRATUM WHICH ALSO MEETS OR EXCEEDS THIS MINIMUM PERCOLATION RATE OF 0.5 INCHES PER HOUR. "208" AREA SHOWN REPRESENTS THE MINIMUM REQUIRED BOTTOM SURFACE AREA.

FIRE DISTRICT #8 APPROVAL

BY: T. David Blayter Div Chief
DATE: 3-6-97

DEVELOPER'S APPROVAL — DATE 3-4-97

CALL BEFORE YOU DIG 456-8000

LEGEND

- PROPOSED SEWER CLEANOUT
- PROPOSED SEWER MANHOLE
- PROPOSED FIRE HYDRANT
- PROPOSED 6" WATER GATE VALVE
- PROPOSED TYPE "A" DRYWELL
- PROPOSED CURB & SIDEWALK
- CENTERLINE DITCH "B"
- 18" STEEL W.M. — EXISTING WATER TRANSMISSION LINE
- PROPOSED SURFACE FLOW

BY	REVISIONS	DATE	PROJ.	FROM	AS BUILT	TO	ACCEPT

BENCH MARK DATA	SCALE	DATE	
CBM: No. 57S-13E	HORIZONTAL 1" = 50'	02/97	DRAWN JKO
ELEVATION 2384.32 CITY DATUM	VERTICAL 1" = 10'	2/27/97	CHECKED JGL
LOCATION BRASS CAP AT SE COR. OF 57TH & PERRY 12.0' E. OF E. CURB, 9.0' S. OF S. CURB			APPROVED

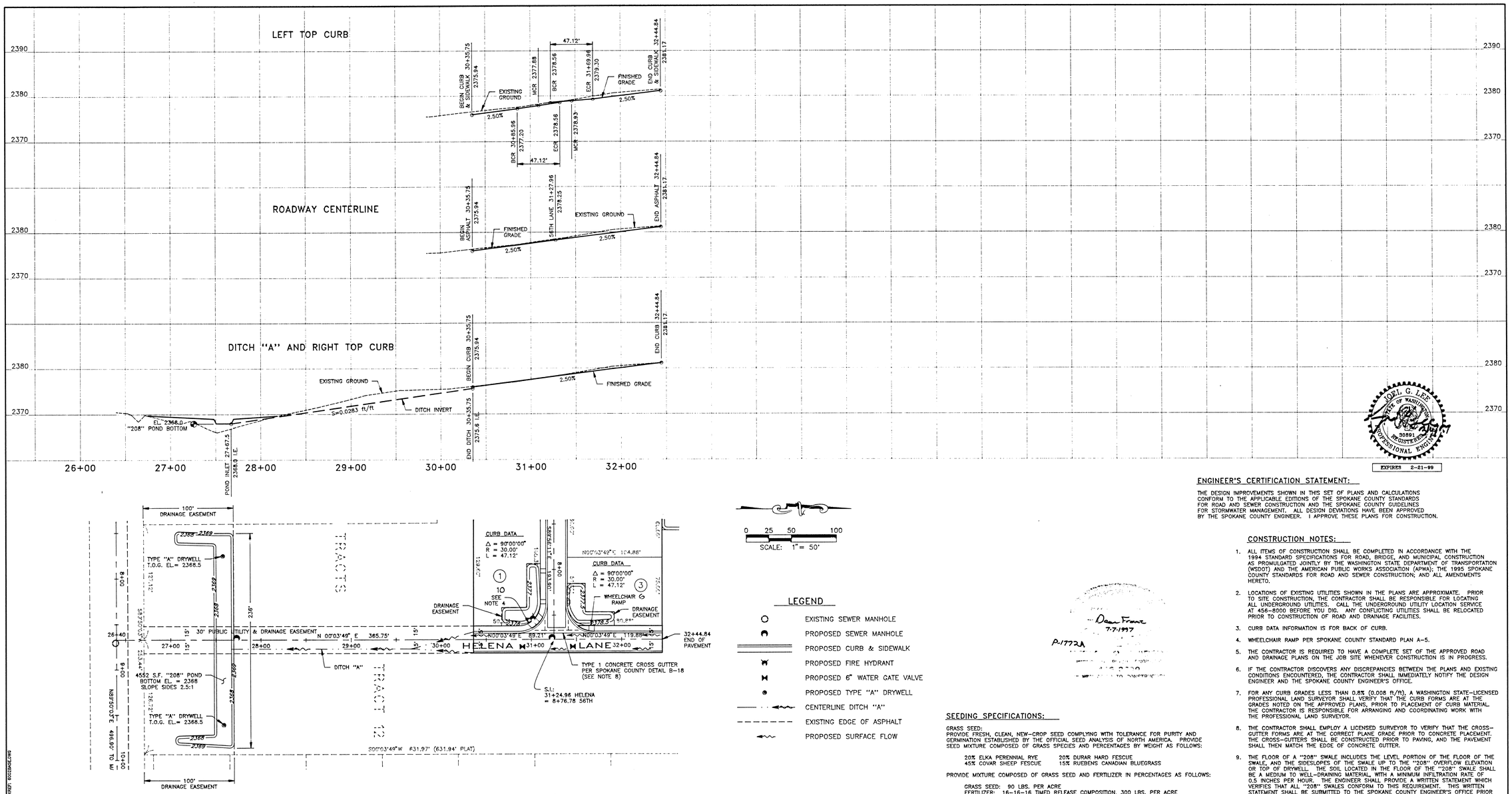
METRO ENGINEERING, INC.
S. 324 SHERMAN
SPOKANE, WA 99202
(509) 624-9351

LAURELHURST PLACE P.U.D., PHASE 1

STREET PLAN AND PROFILE
56TH LANE AND DITCH "B"

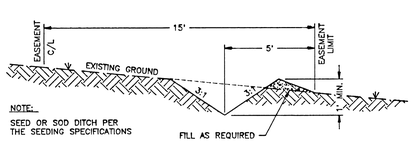
TYPE OF IMPROVEMENT:	STREET
PROJECT NUMBER	PLAN NUMBER
96-002	2 of 3

1772 A

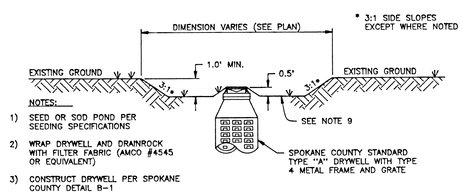


LEGEND

- EXISTING SEWER MANHOLE
- PROPOSED SEWER MANHOLE
- PROPOSED CURB & SIDEWALK
- PROPOSED FIRE HYDRANT
- PROPOSED 6" WATER GATE VALVE
- PROPOSED TYPE "A" DRYWELL
- CENTERLINE DITCH "A"
- EXISTING EDGE OF ASPHALT
- PROPOSED SURFACE FLOW



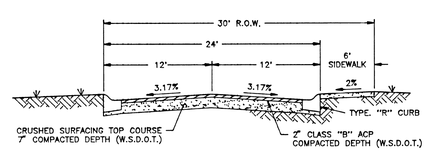
DRAINAGE DITCH "A" SECTION
NOT TO SCALE



NOTES:

1) SEED OR SOD POND PER SEEDING SPECIFICATIONS
2) WRAP DRYWELL AND DRAINROCK WITH FILTER FABRIC (AMCO #4545 OR EQUIVALENT)
3) CONSTRUCT DRYWELL PER SPOKANE COUNTY DETAIL B-1

"208" POND SECTION
NOT TO SCALE



TYPICAL STREET SECTION
NOT TO SCALE

ENGINEER'S CERTIFICATION STATEMENT:

THE DESIGN IMPROVEMENTS SHOWN IN THIS SET OF PLANS AND CALCULATIONS CONFORM TO THE 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.

CONSTRUCTION NOTES:

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Dean France
7-7-1997
P-1772A

SEEDING SPECIFICATIONS:

GRASS SEED:
PROVIDE FRESH, CLEAN, NEW-CROP SEED COMPLYING WITH TOLERANCE FOR PURITY AND GERMINATION ESTABLISHED BY THE OFFICIAL SEED ANALYSIS OF NORTH AMERICA. PROVIDE SEED MIXTURE COMPOSED OF GRASS SPECIES AND PERCENTAGES BY WEIGHT AS FOLLOWS:

20% ELKA PERENNIAL RYE — 20% DURAR HARD FESCUE
45% COVAR SHEEP FESCUE — 15% RUEBENS CANADIAN BLUEGRASS

PROVIDE MIXTURE COMPOSED OF GRASS SEED AND FERTILIZER IN PERCENTAGES AS FOLLOWS:

GRASS SEED: 90 LBS. PER ACRE
FERTILIZER: 16-16-16 TIMED RELEASE COMPOSITION, 300 LBS. PER ACRE

ALL SEEDING OF SLOPES SHALL BE DONE IN ACCORDANCE WITH THE WSDOT 1994 STANDARD SPECIFICATIONS, SECTION 8-01. CONTRACTOR TO IRRIGATE SEEDED AREAS UNTIL SEED HAS GERMINATED.

SEDIMENT CONTROL:

INSTALL A HI-FLOW SILTSACK, MADE BY ACF ENVIRONMENTAL OR APPROVED EQUAL, IN EACH DRYWELL. THE SILTSACKS SHALL REMAIN IN THE DRYWELLS UNTIL CONSTRUCTION OF ALL IMPROVEMENTS IS COMPLETE. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.

THE MAINTENANCE SCHEDULE SHALL BE AS FOLLOWS:

** EACH SILTSACK SHOULD BE INSPECTED AFTER EVERY MAJOR RAIN EVENT.

** IF THERE HAVE BEEN NO MAJOR EVENTS, EACH SILTSACK SHOULD BE INSPECTED PERIODICALLY -- EVERY 2 TO 3 WEEKS.

** WHEN THE SILTSACK HAS COLLECTED 1 TO 1-1/2 FEET OF SEDIMENT, THE SILTSACK SHOULD BE EMPTIED.

FIRE DISTRICT #8 APPROVAL

BY: V. Edward Pflugrath Asst Chief

DATE: 3-6-97

Terrence A. Sullivan 3-4-97
DEVELOPER'S APPROVAL DATE

CALL BEFORE YOU DIG 456-8000

BY	REVISIONS	DATE	PROJ.	FROM	AS BUILT	TO	ACCEPT

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LAURELHURST PLACE P.U.D., PHASE 1

STREET PLAN AND PROFILE
DITCH "A" AND HELENA LANE

TYPE OF IMPROVEMENT:	STREET
PROJECT NUMBER	PLAN NUMBER
96-002	3 of 3

1772 A