NOTES:

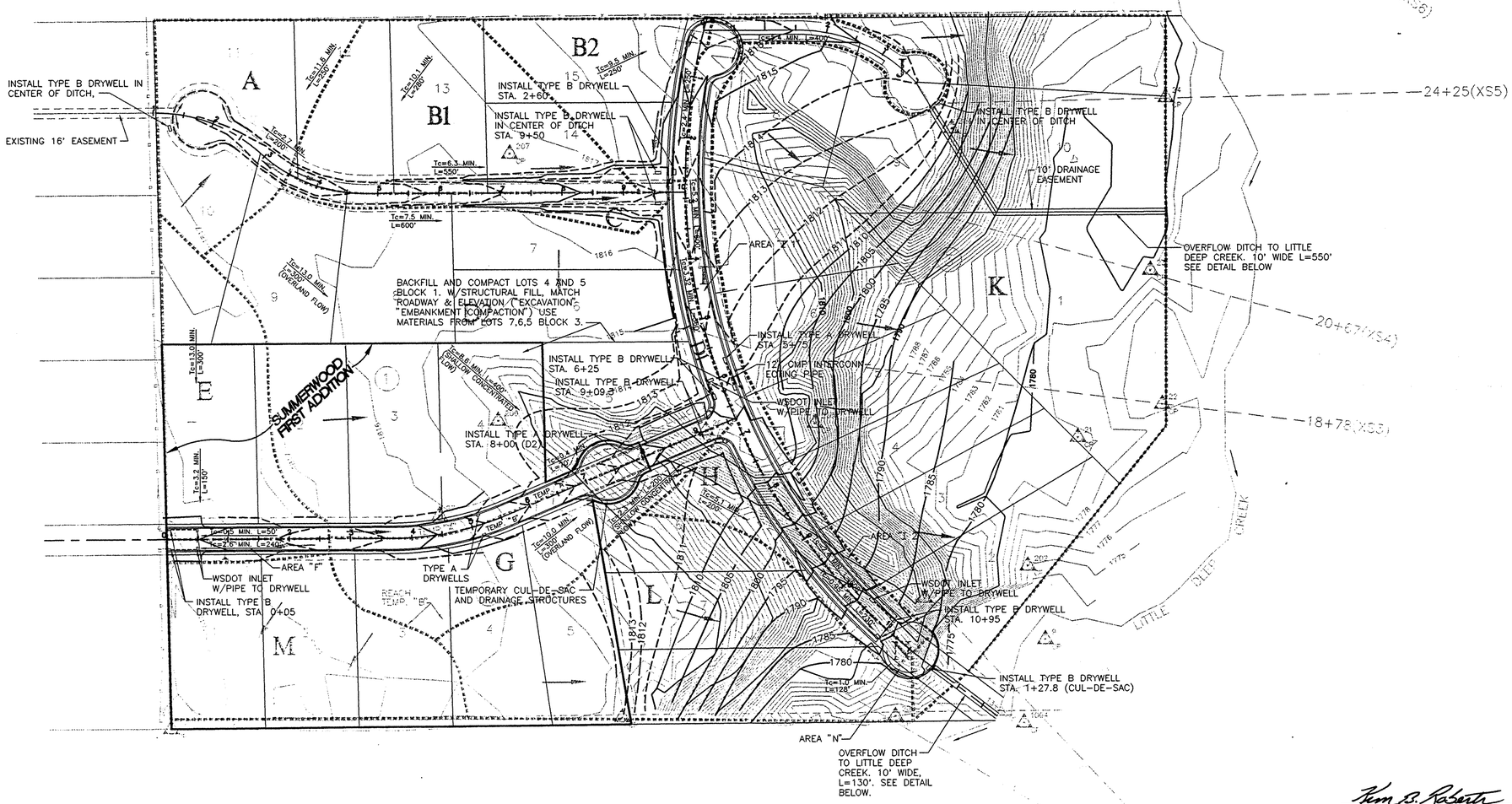
1.) CONTRACTOR SHALL PROVIDE TEMPORARY EROSION AND SEDIMENT CONTROL NECESSARY TO PREVENT SEDIMENT LADEN RUNOFF FROM ENTERING DRYWELLS OR LITTLE DEEP CREEK. SUBMIT A TEMPORARY EROSION AND SEDIMENT CONTROL PLAN TO THE ENGINEER FOR APPROVAL 5 DAYS PRIOR TOO START OF CLEARING AND GRUBBING. SILT FENCE, STRAW BALES, EROSION CONTROL BLANKET OR OTHER MITIGATION MUST BE USED ON ALL DISTURBED SLOPES THAT MAY DRAIN TO A DRYWELL OR TO LITTLE DEEP CREEK. EROSION CONTROL MATERIALS MUST BE ON-SITE PRIOR TO START OF GRADING IN SUSEPTIBLE AREAS. TEMPORARY EROSION AND SEDIMENT CONTROL WILL BE PAID FROM A FORCE ACCOUNT-SEE SPEC.

2.) NO WORK SHALL BE STARTED IN AREAS ADJACENT TO LITTLE DEEP CREEK UNTIL ALL NECESSARY PERMITS HAVE BEEN OBTAINED BY THE CONTRACTOR, INCLUDING, BUT NOT LIMITED TO:
- -SPOKANE COUNTY FLOODPLAIN PERMIT
- -DEPARTMENT OF ECOLOGY-WATER QUALITY CERTIFICATION AND STORMWATER PERMITS
- -DEPARTMENT OF WILDLIFE-HYDRAULIC PROJECT APPROVAL

3.) APPLY SEED, FERTILIZER AND MULCH TO DISTURBED SLOPES AS DIRECTED BY THE ENGINEER.

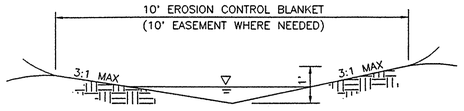
AREA DESIGNATION	TYPE OF DRYWELL	DRYWELL RIM ELEVATION
A	1-TYPE B	1815.23
B1	1-TYPE B	1812.50
B2	1-TYPE B	1813.50
C	1-TYPE B	1812.50
D1	1-TYPE B	1810.16
D2 (8+00)*	1-TYPE B	1810.06
D2 (9+09.3)*	1-TYPE B	1808.76
E	1-TYPE B	1813.99
F	1-TYPE B	1813.99
G	1-TYPE B	1808.76
H	1-TYPE B	1785.37
I1-A (5+75)*	1-TYPE A	1810.88
I1-B (6+25)*	1-TYPE B	1810.21
I2	1-TYPE B	1785.37
J	1-TYPE B	1813.68
N	1-TYPE B	1781.45
TEMP."A"(5+15)	1-TYPE A	1813.64
TEMP."B"(5+15)	1-TYPE A	1813.64
TEMP."A"(8+00)	1-TYPE A	1810.06
TEMP."B"(8+00)	1-TYPE A	1810.06

* THE DRYWELLS IN REACH D2 AND I1 ARE PIPED TOGETHER.



LEGEND

- FLOW DIRECTION
- 1780 NEW CONTOUR (5')
- 1812 NEW CONTOUR (1')
- DRAINAGE AREA BOUNDARY
- K DRAINAGE AREA
- DRYWELL
- 18+78(XS3) STREAM CROSS SECTION
- STORM DRAINAGE & UTILITY EASEMENT
- TEMP. DRAINAGE AREA BOUNDARY



OVERFLOW DITCH DETAIL
N.T.S.
MINIMUM LONGITUDINAL SLOPE= 0.5%

DEVELOPER'S APPROVAL — 3/2/95 DATE

THIS CONSTRUCTION PLAN EXPIRES ONE (1) YEAR FROM DATE OF APPROVAL.

0 100' 200' 300'
SCALE 1" = 100'

TIMOTHY J. HAVENER — STATE OF WASHINGTON — 29365 — REGISTERED PROFESSIONAL ENGINEER — EXPIRES

DRAWN BDP DATE 2/27/95
DESIGNED TAS JOB NO. S93-45
APPROVED WAF F.B. NO.

THOMAS, DEAN & HOSKINS INC.
ENGINEERING CONSULTANTS
GREAT FALLS-BOZEMAN-KALISPELL MONTANA
SPOKANE WASHINGTON

REVISIONS
BY DATE DESCR
BY DATE DESCR
BY DATE DESCR
BY DATE DESCR

SUMMERWOOD FIRST ADDITION PN 1656
SPOKANE COUNTY, WASHINGTON

GRADING, DRAINAGE PLAN

4 SHEETS — SHEET NO. 3

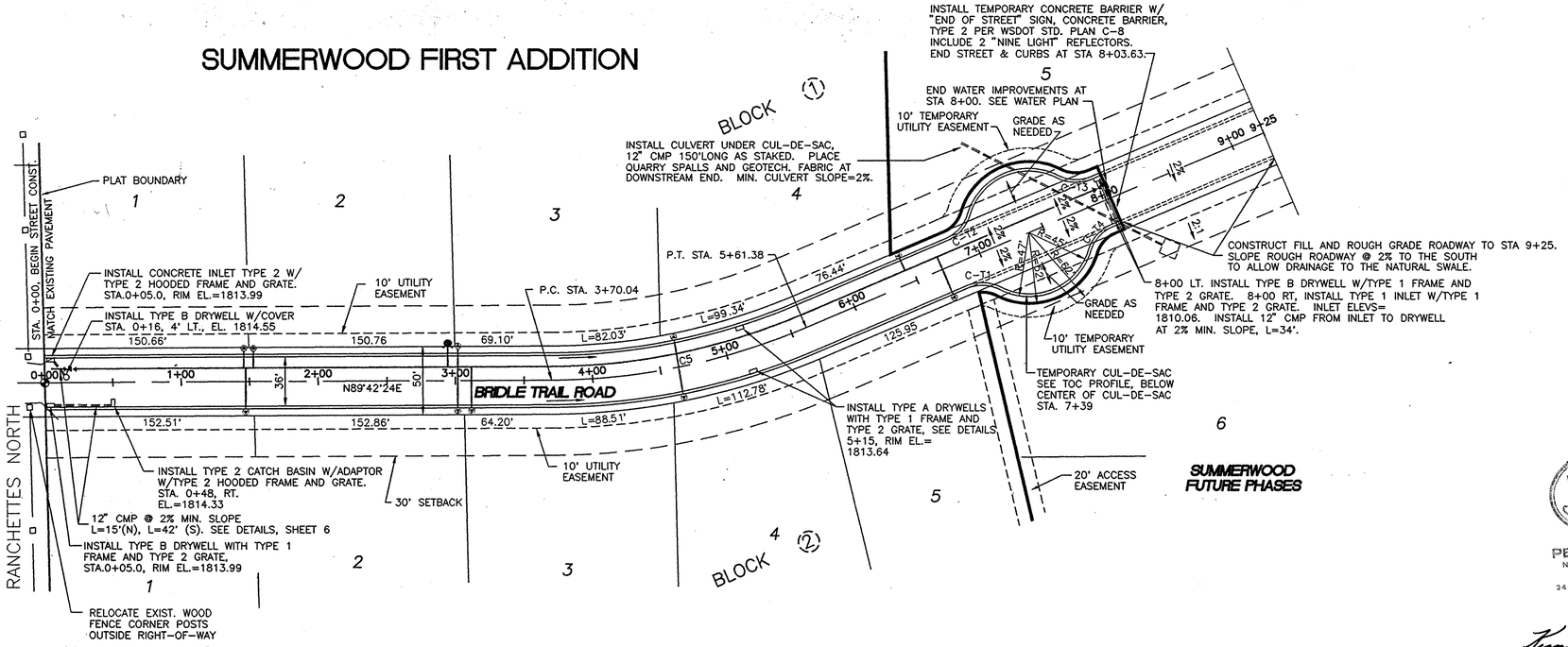
S9345PH3.DWG

J:\S93-45\DWG\S9345PH3 Thu Mar 2 10:52:27 1995 TOSH - SPOKANE - (509)325-8499

L91656-GRAD-1.PIP

PORTION OF THE SOUTHEAST QUARTER
OF SECTION 22, TOWNSHIP 27 NORTH,
RANGE 43 EAST, W.M., SPOKANE COUNTY, WASHINGTON.

SUMMERWOOD FIRST ADDITION



DATUM
"X" ON CAP BOLT ON FIRE HYDRANT AT N.E. CORNER OF SADDLE HILL ROAD AND BRIDLE TRAIL ROAD
ELEVATION = 1814.00'

CALL BEFORE YOU DIG: 456-8000

CURVE TABLE

CURVE	RADIUS *	LENGTH	TANGENT	DELTA
C-T1	30.00'	24.32'	12.87'	46°26'31"
C-T2	30.00'	31.82'	14.99'	53°06'13"
C-T3	30.00'	14.06'	26.29'	50°12'29"
C-T4	30.00'	14.06'	26.29'	50°12'29"
C5	480.00'	191.33'	96.95'	22°50'18"

* RADIUS TO BACK OF ROLLED CURB

NOTES:

1.) UTILITY LOCATIONS SHOWN ARE APPROXIMATE, CONTRACTOR SHALL VERIFY EXACT LOCATION WITH UTILITY COMPANY PRIOR TO EXCAVATION. ANY CONFLICTING UTILITIES SHALL BE RELOCATED PRIOR TO CONSTRUCTION OF ROAD AND DRAINAGE FACILITIES.

2.) ALL DRYWELLS SHALL BE INSTALLED WITH FILTER FABRIC (AMOCO 4545 OR APPROVED EQUAL) AROUND THE BARREL AND BETWEEN THE DRAIN ROCK AND EXCAVATED LATERAL GROUND.

3.) UTILITIES IN UTILITY TRENCH LINE ARE POWER, GAS, TELEPHONE AND CABLE TV.

4.) RADIUS FOR CURBS IS MEASURED FROM THE BACK OF CURB.

5.) SEE SHEET 3 FOR EROSION CONTROL MEASURES.

APPROVED FOR CONSTRUCTION
SPOKANE COUNTY ENG.
BY 5-5-95

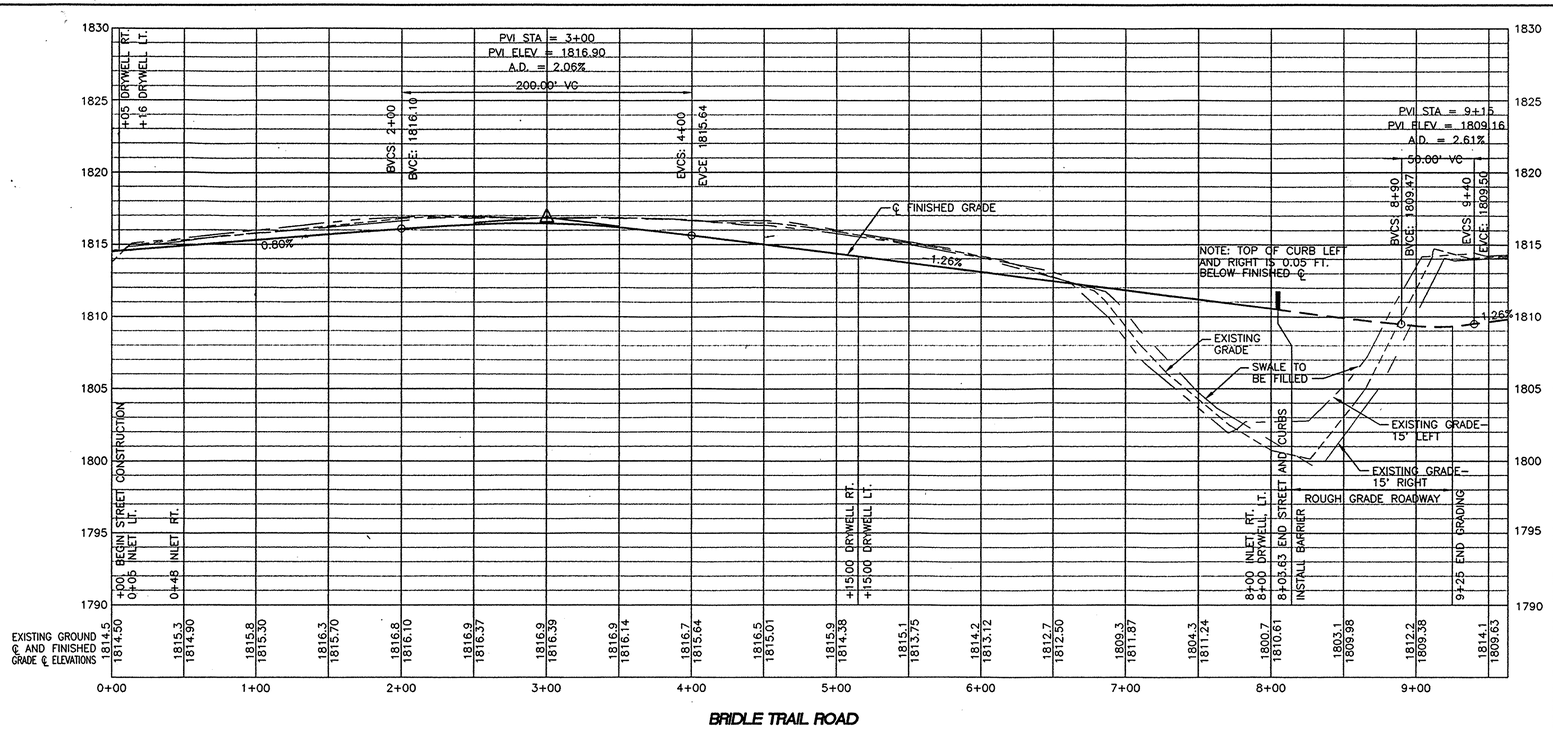
PERMIT REQUIRED!
NOTIFY THE PERMIT ENGINEER
456-3600
24 HRS. PRIOR TO CONSTRUCTION

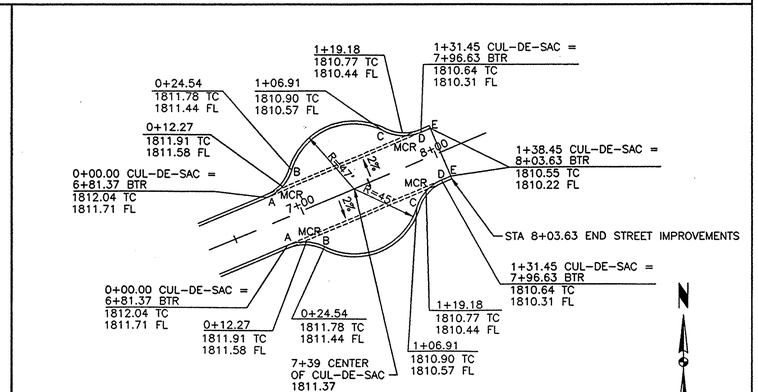
DEVELOPER'S APPROVAL — DATE 5/1/95

THIS CONSTRUCTION PLAN EXPIRES ONE (1) YEAR FROM DATE OF APPROVAL.

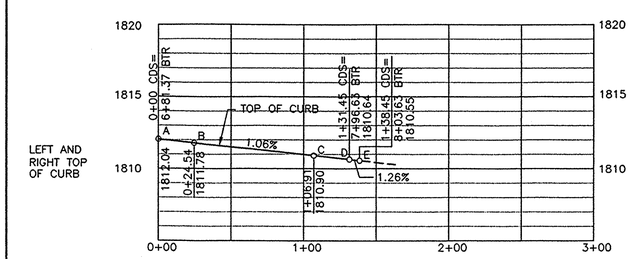
N

0 50' 100' 150'
SCALE 1" = 50'





BRIDLE TRAIL ROAD - TEMPORARY CUL-DE-SAC



FIRST ADDITION TEMPORARY CUL-DE-SAC ON BRIDLE TRAIL ROAD

TIMOTHY J. HAEFER — STATE OF WASHINGTON — 29385 — REGISTERED PROFESSIONAL ENGINEER
EXPIRES 5/26/95

DRAWN BDP DATE 2/15/95
DESIGNED TAS JOB NO. S93-45
APPROVED WAE F.B. NO.

REVISIONS
BY TJH DATE 5/1/95 DESCR UPDATE INLETS
BY DATE DESCR
BY DATE DESCR

THOMAS, DEAN & HOSKINS INC.
ENGINEERING CONSULTANTS
GREAT FALLS-BOZEMAN-KALISPELL MONTANA
SPOKANE WASHINGTON

TD&H

SUMMERWOOD FIRST ADDITION PN 1656
SPOKANE COUNTY, WASHINGTON

BRIDLE TRAIL ROAD/TEMPORARY CUL-DE-SAC
PLAN AND PROFILE

SHEET NO. 2 of 4 SHEETS

S9345PH2.DWG

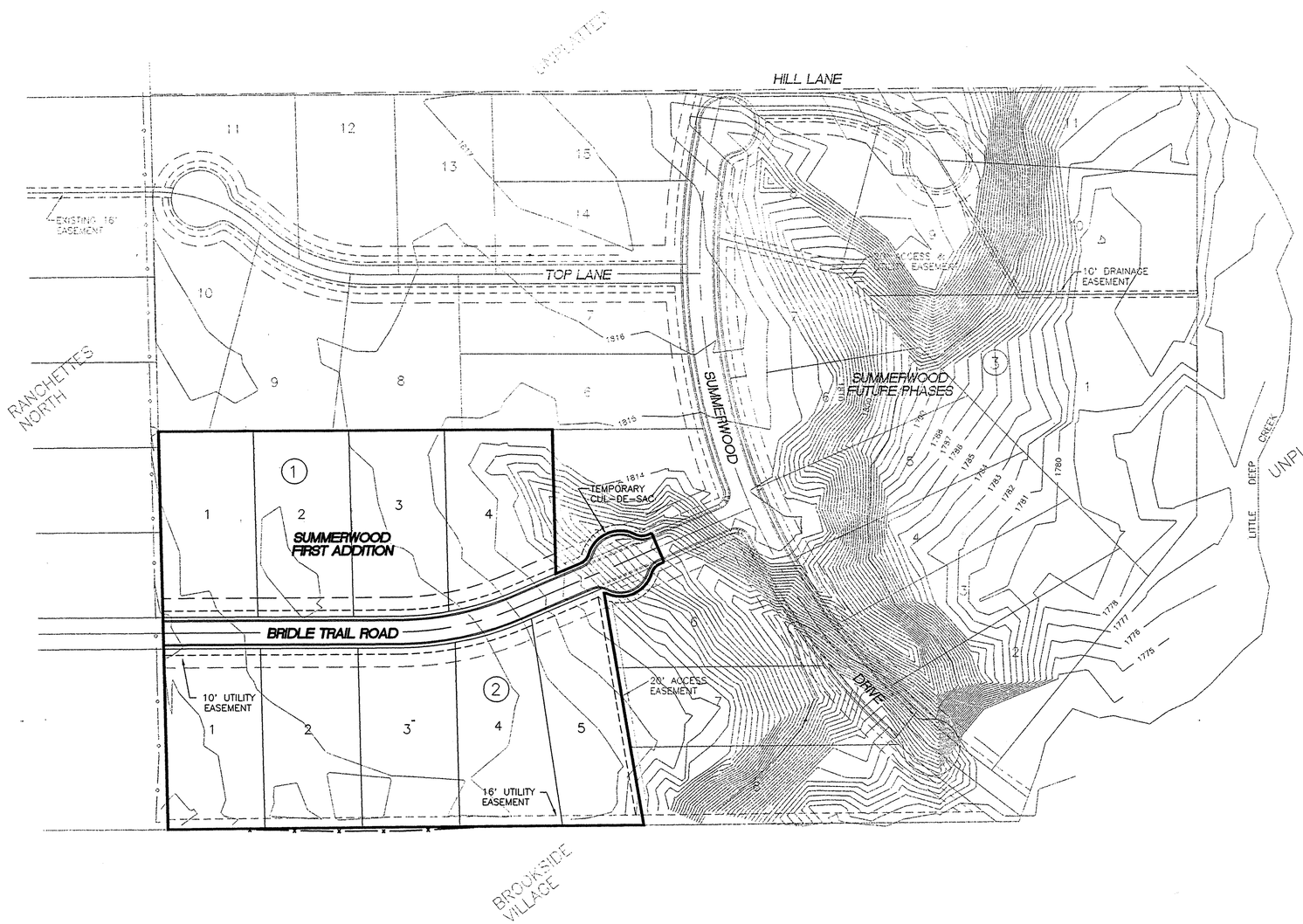
J:\S93-65\DWG\S9345PH2 Mon May 1 14:57:39 1995 TD&H - SPOKANE - (509)325-8499

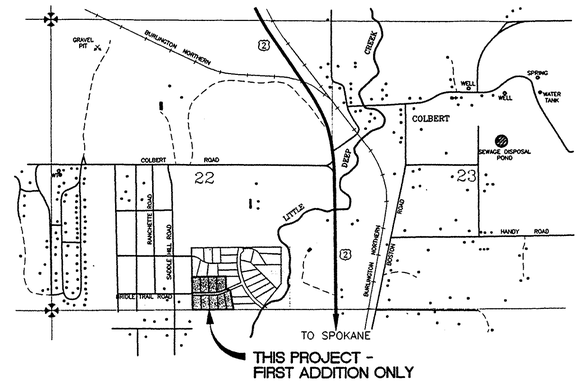
LP1656-PP-1.TIF

Revised Sheet 1656

SUMMERWOOD FIRST ADDITION

PORTION OF THE SOUTHEAST QUARTER OF
SECTION 22, TOWNSHIP 27 NORTH, RANGE 43 EAST, W.M.
SPOKANE COUNTY, WASHINGTON





VICINITY MAP
NO SCALE

GENERAL NOTES

1. CONSTRUCTION SHALL COMPLY WITH WASHINGTON STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS AND PLANS FOR ROAD AND BRIDGE CONSTRUCTION.
2. REQUIRED THICKNESS OF BASE COURSE SHALL BE VERIFIED WITH THE COUNTY ENGINEERING DEPARTMENT PRIOR TO START OF CONSTRUCTION.
3. TRAFFIC SIGNAGE SHALL COMPLY WITH SPOKANE COUNTY STANDARD DRAWING S-18 AND WASHINGTON STATE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICE STANDARDS.
4. WHEELCHAIR RAMP CONSTRUCTION, WHERE NECESSARY, SHALL COMPLY WITH SPOKANE COUNTY STANDARDS.
5. MONUMENTS SHALL BE INSTALLED AT ALL PUBLIC STREET INTERSECTIONS AND TANGENT POINTS ON CURVES IN CONFORMANCE WITH SPOKANE COUNTY DRAWING S-13.
6. WATERLINES SHOWN FOR REFERENCE ONLY-SEE SUMMERWOOD WATER PLAN FOR CONSTRUCTION OF WATER SYSTEM & SERVICES.

DATUM

"X" ON CAP BOLT ON FIRE HYDRANT AT N.E. CORNER OF SADDLE HILL ROAD AND BRIDLE TRAIL ROAD
ELEVATION = 1814.00'

LEGEND

PROPOSED	EXISTING	DESCRIPTION
		CURB & GUTTER
	W 6"	WATER MAIN
		CURB STOP
		FIRE HYDRANT
		GATE VALVE
		CENTERLINE MONUMENT
		PROPOSED DRYWELL
		CONIFEROUS TREE
		WOOD FENCE
		WIRE FENCE
		SECTION CORNER
		EDGE OF ASPHALT
3598	3598	CONTOUR
		EXISTING GROUND
		FINISHED GRADE
		PROPERTY LINE
		EASEMENT
		BUILDING SETBACK

CALL BEFORE YOU DIG: 456-8000

NOTE: UTILITY LOCATIONS SHOWN ARE APPROXIMATE. CONTRACTOR SHALL VERIFY EXACT LOCATIONS WITH UTILITY COMPANY PRIOR TO EXCAVATION.

Kim B. Roberts
DEVELOPER'S APPROVAL

3/2/95
DATE

THIS CONSTRUCTION PLAN EXPIRES ONE (1) YEAR FROM DATE OF APPROVAL.

N

0 100' 200' 300'
SCALE 1" = 100'

APPROVED FOR CONSTRUCTION
SPOKANE COUNTY ENG.
BY 3-7-95

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

TIMOTHY J. HAENER
STATE OF WASHINGTON
10385
REGISTERED PROFESSIONAL ENGINEER
EXPIRES

DRAWN BDP DATE 2/27/95
DESIGNED TAS JOB NO. S93-45
APPROVED WAF F.B. NO.

REVISIONS
BY DATE DESCR
BY DATE DESCR
BY DATE DESCR

THOMAS, DEAN & HOSKINS INC.
ENGINEERING CONSULTANTS
GREAT FALLS-BOZEMAN-KALISPELL MONTANA
SPOKANE WASHINGTON

SUMMERWOOD FIRST ADDITION PN 1656
SPOKANE COUNTY, WASHINGTON

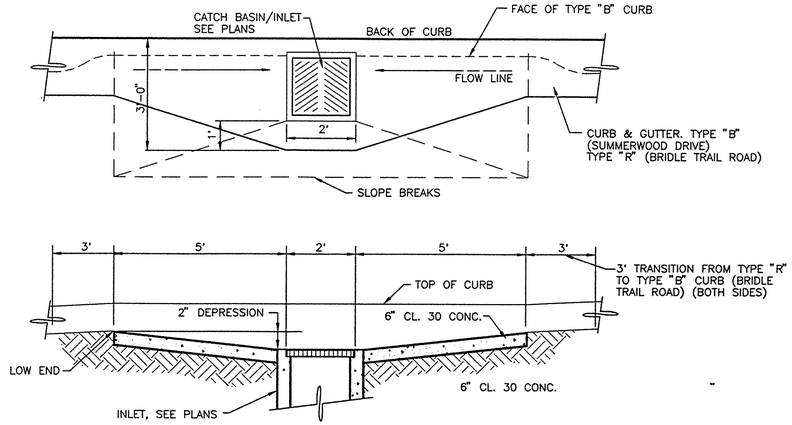
TITLE SHEET

SHEET NO. 1
SHEETS 4

S9345PH1.DWG

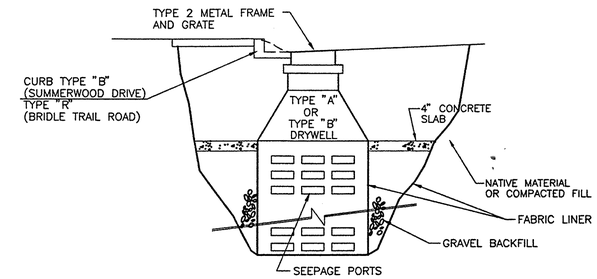
\S93-45\DWG\S9345PH1 Thu Mar 2 10:35:14 1995 TDGH - SPOKANE - (509)325-8499

LP1656-RA-1.TIF



COUNTY STANDARD TYPICAL INLET DETAIL

NO SCALE



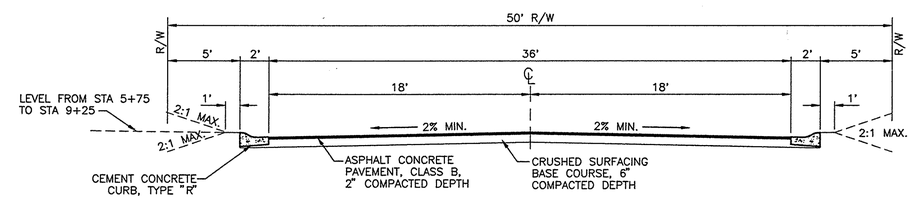
NOTE:

1.) REFER TO SPOKANE COUNTY STD. PLAN B-1.

2.) TYPE "A" DRYWELLS HAVE 1 BARREL, TYPE "B" DRYWELLS HAVE 2 BARRELS

COUNTY STANDARD TYPICAL INFILTRATION DRYWELL SECTION

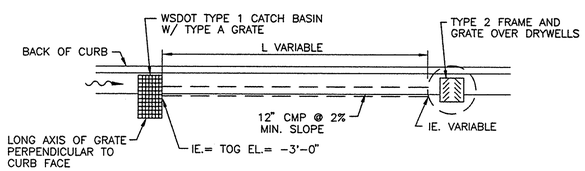
NO SCALE



NOTE:
FL = ℄-0.38
TC = ℄-0.05

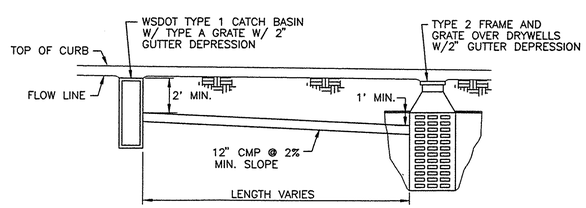
TYPICAL SECTION - BRIDLE TRAIL ROAD

SCALE: 1" = 5'



INLET\PIPE TO DRYWELLS - PLAN

NO SCALE



INLET/PIPE TO DRYWELLS - PROFILE

NO SCALE

GRASS SEED SPECIFICATION (CONTRACTOR SHALL VERIFY THROUGH SCS COOPERATIVE EXT.)

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

20 PERCENT ELKA PERENNIAL RYE
20 PERCENT DURAR HARD FESCUE
45 PERCENT COVAR SHEEP/ FESCUE
15 PERCENT REUBENS 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 WSDOT 1994 STANDARD SPECIFICATIONS, SECTION 8-01. CONTRACTOR TO IRRIGATE SEEDED AREAS UNTIL SEED HAS GERMINATED AND HAS BEEN ACCEPTED BY SPOKANE COUNTY.

APPROVED FOR CONSTRUCTION
SPOKANE COUNTY ENG.
BY 3-7-95

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

Kim S. Roberts 3/6/95
DEVELOPER'S APPROVAL DATE

THIS CONSTRUCTION PLAN EXPIRES ONE (1) YEAR FROM DATE OF APPROVAL.

S9345PH4.DWG

TIMOTHY J. HASLER
STATE OF WASHINGTON
29385
REGISTERED PROFESSIONAL ENGINEER
EXPIRES 5/26/95

DRAWN BDP DATE 2/27/95
DESIGNED TAS JOB NO. S93-45
APPROVED WAF F.B. NO.

THOMAS, DEAN & HOSKINS INC.
ENGINEERING CONSULTANTS
GREAT FALLS-BOZEMAN-KALISPELL MONTANA
SPOKANE WASHINGTON

REVISIONS
BY DATE DESCR
BY DATE DESCR
BY DATE DESCR

SUMMERWOOD FIRST ADDITION PN 1656
SPOKANE COUNTY, WASHINGTON

DETAILS/ROADWAY SECTION

SHEET NO. 4
SHEETS 4

J:\S93-45\DWG\S9345PH4 Tue Feb 28 11:50:46 1995 TDH - SPOKANE - (509)325-8499

LP1656-UTIL-1.TIF

NOTES:

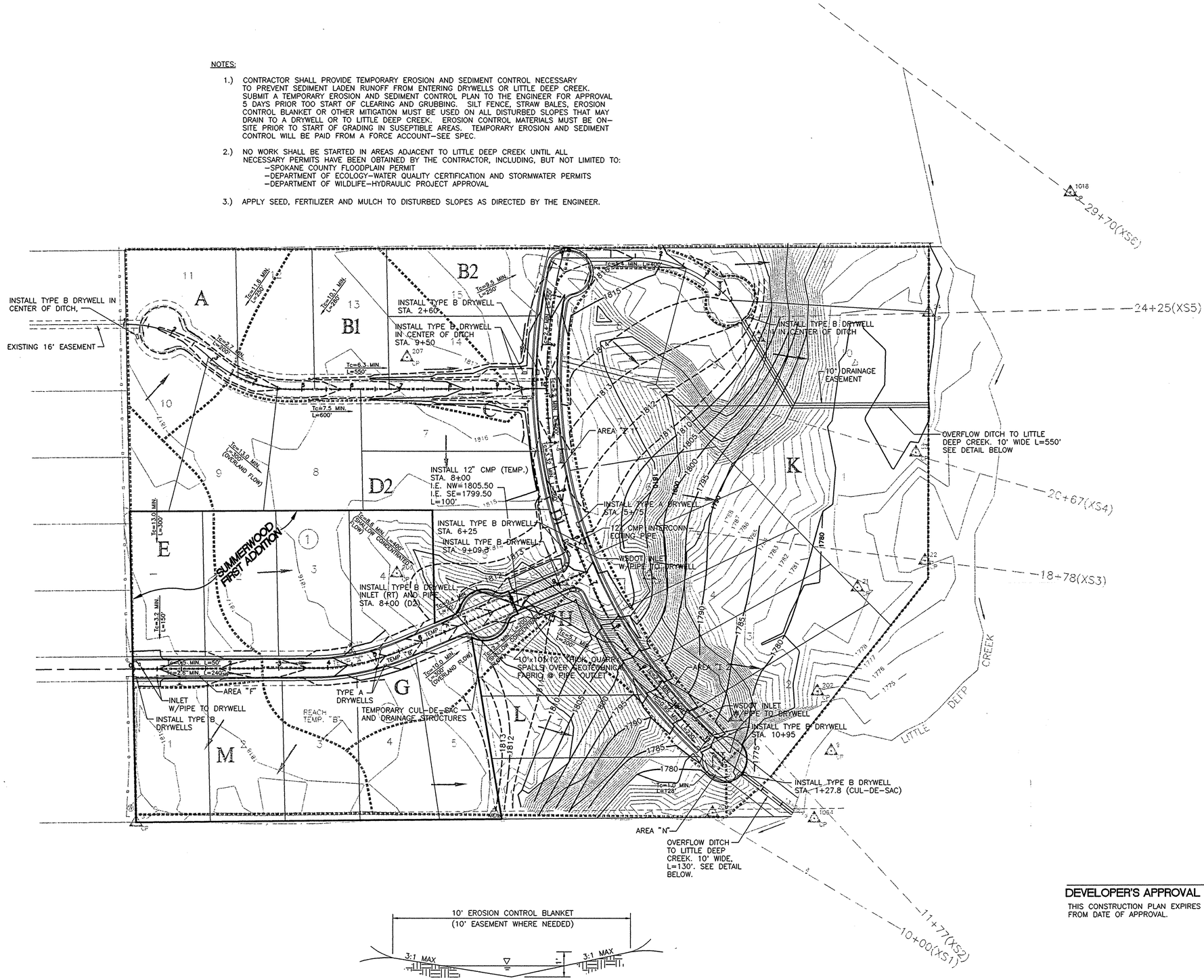
1.) CONTRACTOR SHALL PROVIDE TEMPORARY EROSION AND SEDIMENT CONTROL NECESSARY TO PREVENT SEDIMENT LADEN RUNOFF FROM ENTERING DRYWELLS OR LITTLE DEEP CREEK. SUBMIT A TEMPORARY EROSION AND SEDIMENT CONTROL PLAN TO THE ENGINEER FOR APPROVAL 5 DAYS PRIOR TOO START OF CLEARING AND GRUBBING. SILT FENCE, STRAW BALES, EROSION CONTROL BLANKET OR OTHER MITIGATION MUST BE USED ON ALL DISTURBED SLOPES THAT MAY DRAIN TO A DRYWELL OR TO LITTLE DEEP CREEK. EROSION CONTROL MATERIALS MUST BE ON-SITE PRIOR TO START OF GRADING IN SUSEPTIBLE AREAS. TEMPORARY EROSION AND SEDIMENT CONTROL WILL BE PAID FROM A FORCE ACCOUNT-SEE SPEC.

2.) NO WORK SHALL BE STARTED IN AREAS ADJACENT TO LITTLE DEEP CREEK UNTIL ALL NECESSARY PERMITS HAVE BEEN OBTAINED BY THE CONTRACTOR, INCLUDING, BUT NOT LIMITED TO:
- -SPOKANE COUNTY FLOODPLAIN PERMIT
- -DEPARTMENT OF ECOLOGY-WATER QUALITY CERTIFICATION AND STORMWATER PERMITS
- -DEPARTMENT OF WILDLIFE-HYDRAULIC PROJECT APPROVAL

3.) APPLY SEED, FERTILIZER AND MULCH TO DISTURBED SLOPES AS DIRECTED BY THE ENGINEER.

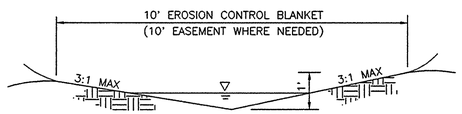
AREA DESIGNATION	TYPE OF DRYWELL	DRYWELL RIM ELEVATION
A	1-TYPE B	1815.23
B1	1-TYPE B	1812.50
B2	1-TYPE B	1813.50
C	1-TYPE B	1812.50
D1	1-TYPE B	1810.16
D2 (8+00)*	1-TYPE B	1810.06
D2 (9+09.3)*	1-TYPE B	1808.76
E	1-TYPE B	1813.99
F	1-TYPE B	1813.99
G	1-TYPE B	1808.76
H	1-TYPE B	1785.37
I1-A (5+75)*	1-TYPE A	1810.88
I1-B (6+25)*	1-TYPE B	1810.21
I2	1-TYPE B	1785.37
J	1-TYPE B	1813.68
N	1-TYPE B	1781.45
TEMP."A"(5+15)	1-TYPE A	1813.64
TEMP."B"(5+15)	1-TYPE A	1813.64
TEMP."A"(8+00)	1-TYPE A	1810.06
TEMP."B"(8+00)	1-TYPE A	1810.06

* THE DRYWELLS IN REACH D2 AND I1 ARE PIPED TOGETHER.



LEGEND

- FLOW DIRECTION
- 1780 — NEW CONTOUR (5')
- 1812 — NEW CONTOUR (1')
- DRAINAGE AREA BOUNDARY
- K — DRAINAGE AREA
- DRYWELL
- 18+78(XS3) — STREAM CROSS SECTION
- STORM DRAINAGE & UTILITY EASEMENT
- TEMP. DRAINAGE AREA BOUNDARY



OVERFLOW DITCH DETAIL
N.T.S.
MINIMUM LONGITUDINAL SLOPE= 0.5%

DEVELOPER'S APPROVAL _____ DATE _____

THIS CONSTRUCTION PLAN EXPIRES ONE (1) YEAR FROM DATE OF APPROVAL.

N

0 100' 200' 300'
SCALE 1" = 100'

TIMOTHY J. HAEFLIGER — STATE OF WASHINGTON — 29355 — REGISTERED PROFESSIONAL ENGINEER
EXPIRES 5/26/95

DRAWN BDP DATE 2/27/95
DESIGNED TAS JOB NO. S93-45
APPROVED WAF F.B. NO.

REVISIONS
BY CRW DATE 6/4/95 DESCR AS-BUILTS
BY DATE DESCR
BY DATE DESCR

TD&H
THOMAS, DEAN & HOSKINS INC.
ENGINEERING CONSULTANTS
GREAT FALLS-BOZEMAN-KALISPELL MONTANA
SPOKANE WASHINGTON

SUMMERWOOD FIRST ADDITION PN 1656
SPOKANE COUNTY, WASHINGTON

GRADING, DRAINAGE PLAN-AS CONSTRUCTED

4 SHEETS — SHEET NO. 3

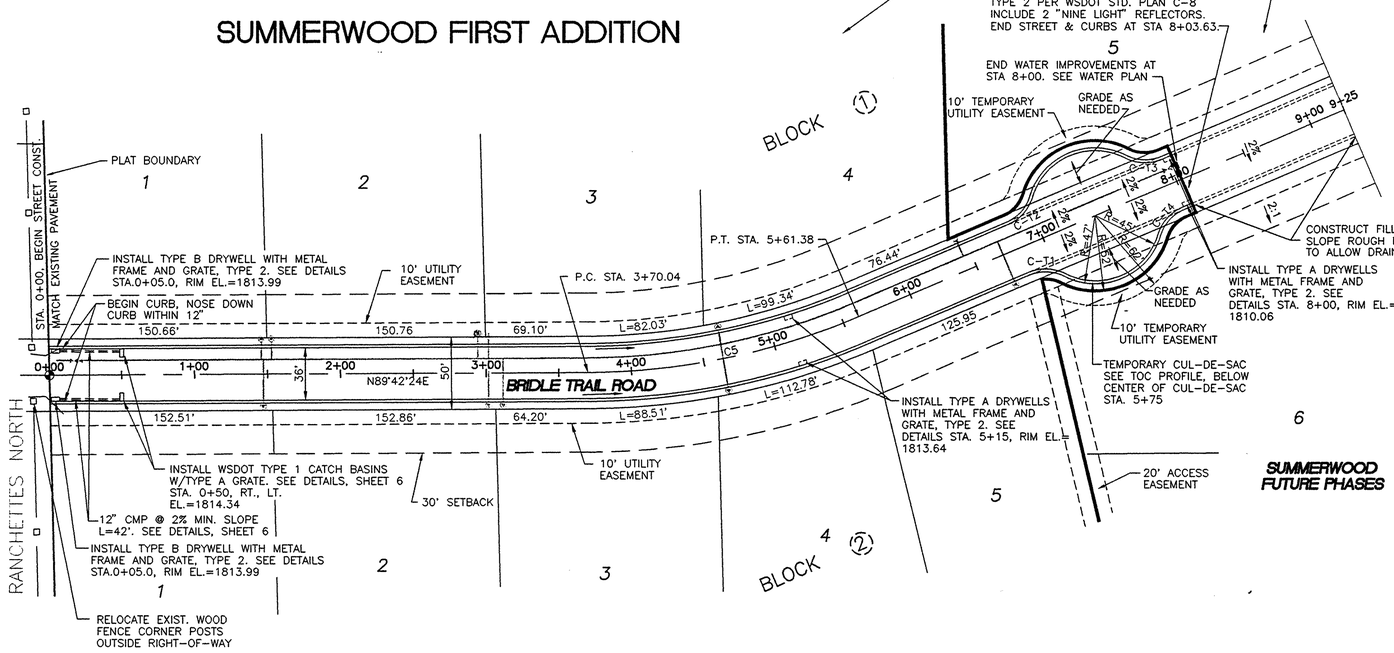
S9345PH3.DWG

\S93-45\DWG\S9345PH3 Mon Jun 5 16:24:40 1995 TD&H - SPOKANE - (509)325-8499

LP1656-GRAD-2.TIF

PORTION OF THE SOUTHEAST QUARTER
OF SECTION 22, TOWNSHIP 27 NORTH,
RANGE 43 EAST, W.M., SPOKANE COUNTY, WASHINGTON.

SUMMERWOOD FIRST ADDITION



CURVE TABLE

CURVE	RADIUS *	LENGTH	TANGENT	DELTA
C-T1	30.00'	24.32'	12.87'	46°26'31"
C-T2	30.00'	31.82'	14.99'	53°06'13"
C-T3	30.00'	14.06'	26.29'	50°12'29"
C-T4	30.00'	14.06'	26.29'	50°12'29"
C5	480.00'	191.33'	96.95'	22°50'18"

* RADIUS TO BACK OF ROLLED CURB

NOTES:

1.) UTILITY LOCATIONS SHOWN ARE APPROXIMATE, CONTRACTOR SHALL VERIFY EXACT LOCATION WITH UTILITY COMPANY PRIOR TO EXCAVATION. ANY CONFLICTING UTILITIES SHALL BE RELOCATED PRIOR TO CONSTRUCTION OF ROAD AND DRAINAGE FACILITIES.

2.) ALL DRYWELLS SHALL BE INSTALLED WITH FILTER FABRIC (AMOCO 4545 OR APPROVED EQUAL) AROUND THE BARREL AND BETWEEN THE DRAIN ROCK AND EXCAVATED LATERAL GROUND.

3.) UTILITIES IN UTILITY TRENCH LINE ARE POWER, GAS, TELEPHONE AND CABLE TV.

4.) RADIUS FOR CURBS IS MEASURED FROM THE BACK OF CURB.

5.) SEE SHEET 3 FOR EROSION CONTROL MEASURES.

APPROVED FOR CONSTRUCTION
SPOKANE COUNTY ENG.
BY 3-7-95

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

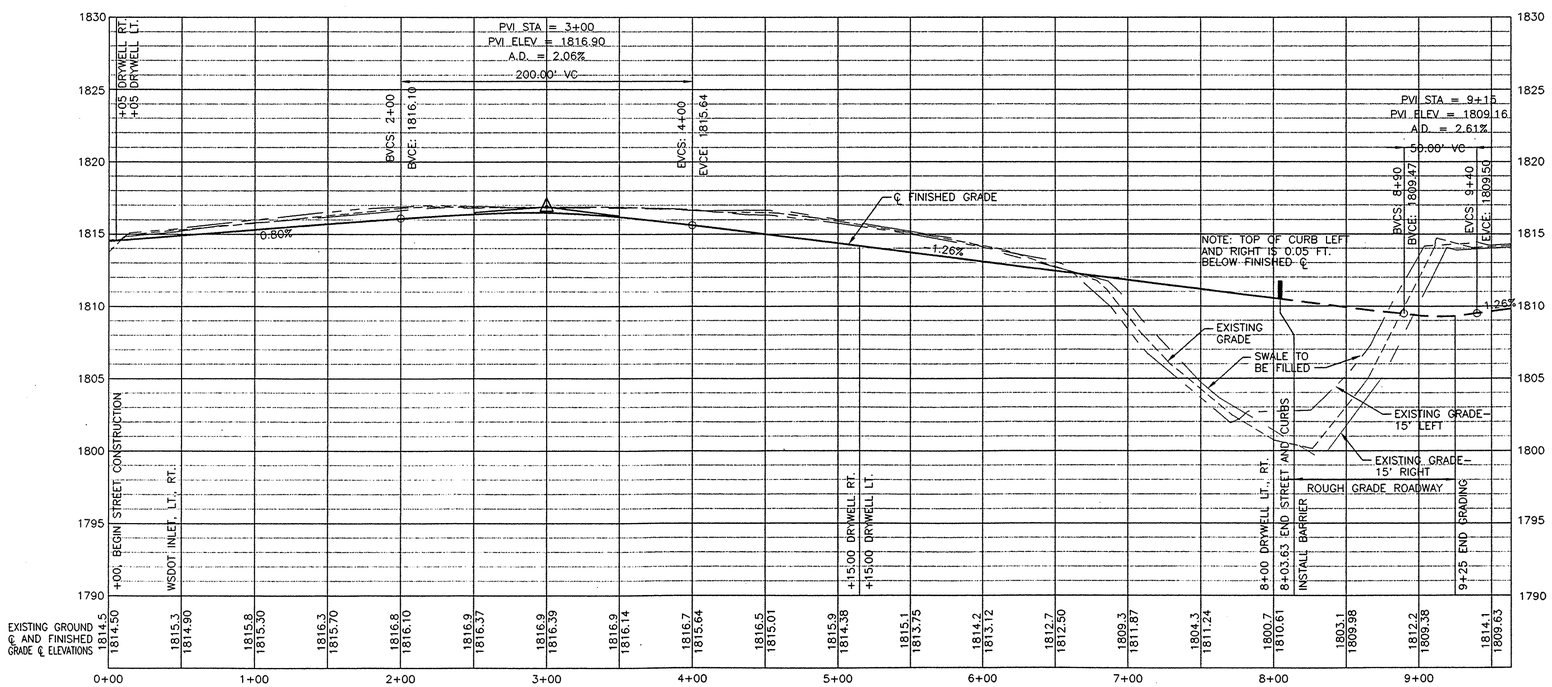
0 50' 100' 150'
SCALE 1" = 50'

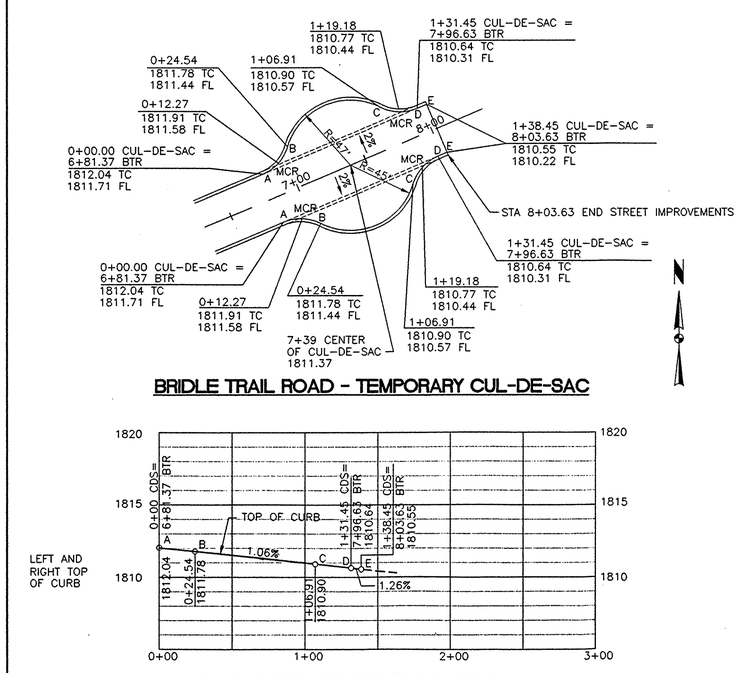
DEVELOPER'S APPROVAL — DATE 3/4/95

THIS CONSTRUCTION PLAN EXPIRES ONE (1) YEAR FROM DATE OF APPROVAL.

DATUM
"X" ON CAP BOLT ON FIRE HYDRANT AT N.E. CORNER OF SADDLE HILL ROAD AND BRIDLE TRAIL ROAD
ELEVATION = 1814.00'

CALL BEFORE YOU DIG: 456-8000





TIMOTHY J. HASKINS — STATE OF WASHINGTON — 29385 — REGISTERED PROFESSIONAL ENGINEER — EXPIRES

DRAWN BDP DATE 2/15/95
DESIGNED TAS JOB NO. S93-45
APPROVED WAF F.B. NO.

REVISIONS
BY DATE DESCR
BY DATE DESCR
BY DATE DESCR

THOMAS, DEAN & HOSKINS INC.
ENGINEERING CONSULTANTS
GREAT FALLS-BOZEMAN-KALISPELL MONTANA
SPOKANE, WASHINGTON

SUMMERWOOD FIRST ADDITION PN 1656
SPOKANE COUNTY, WASHINGTON

BRIDLE TRAIL ROAD/TEMPORARY CUL-DE-SAC PLAN AND PROFILE

SHEET NO. 4 OF 2 SHEETS

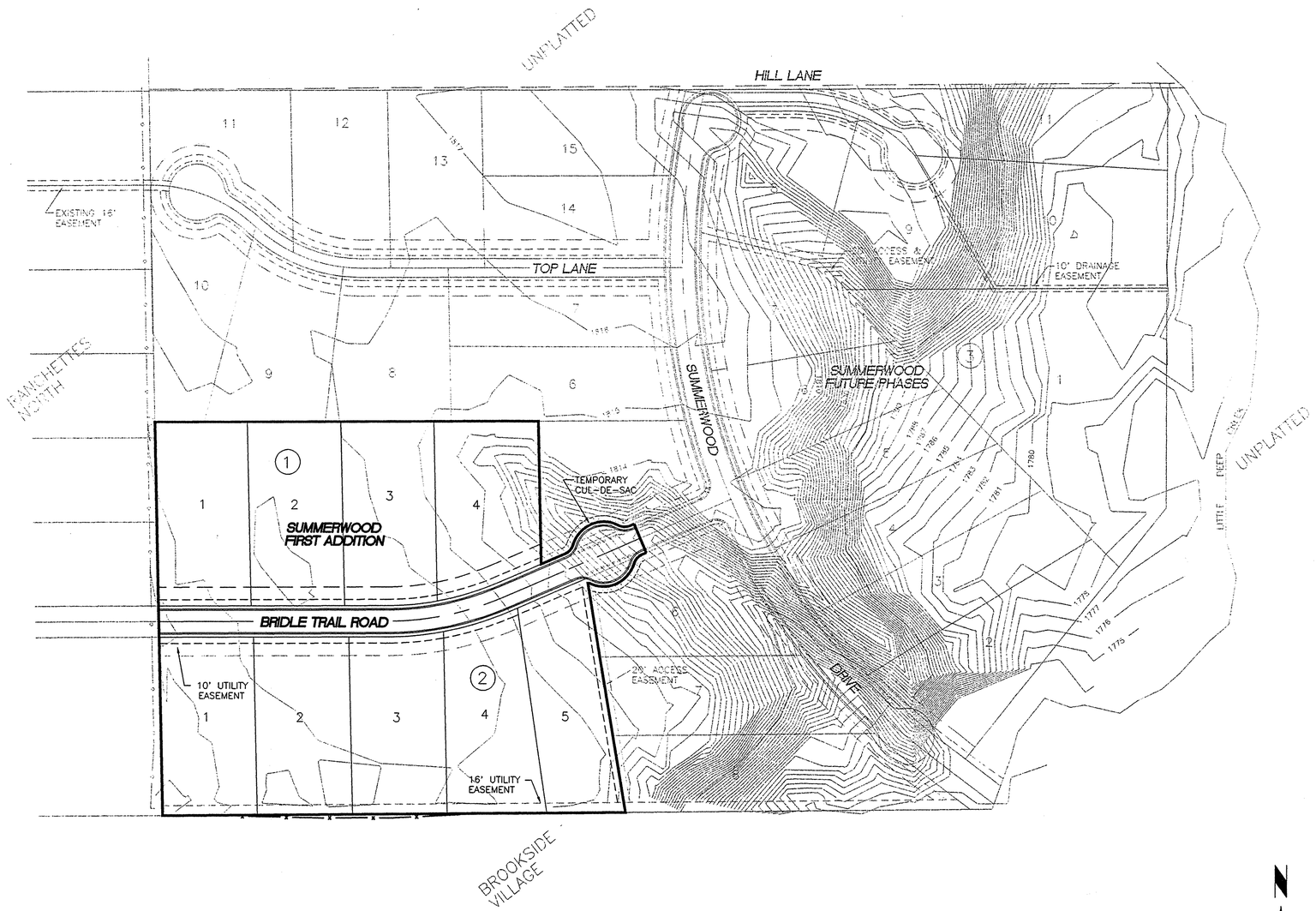
S9345PH2.DWG

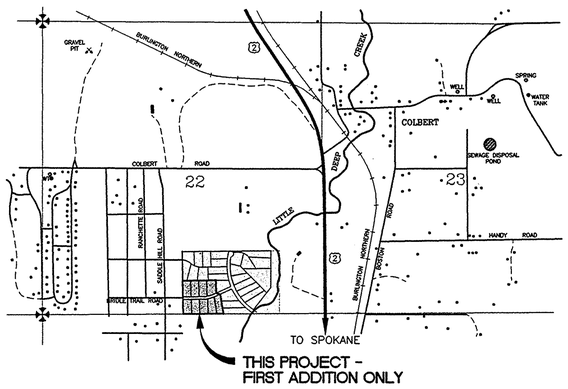
See new Pg 2

LP1656-PP-2.TIF

SUMMERWOOD FIRST ADDITION

PORTION OF THE SOUTHEAST QUARTER OF
SECTION 22, TOWNSHIP 27 NORTH, RANGE 43 EAST, W.M.
SPOKANE COUNTY, WASHINGTON





VICINITY MAP
NO SCALE

GENERAL NOTES

1. CONSTRUCTION SHALL COMPLY WITH WASHINGTON STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS AND PLANS FOR ROAD AND BRIDGE CONSTRUCTION.
2. REQUIRED THICKNESS OF BASE COURSE SHALL BE VERIFIED WITH THE COUNTY ENGINEERING DEPARTMENT PRIOR TO START OF CONSTRUCTION.
3. TRAFFIC SIGNAGE SHALL COMPLY WITH SPOKANE COUNTY STANDARD DRAWING S-18 AND WASHINGTON STATE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICE STANDARDS.
4. WHEELCHAIR RAMP CONSTRUCTION, WHERE NECESSARY, SHALL COMPLY WITH SPOKANE COUNTY STANDARDS.
5. MONUMENTS SHALL BE INSTALLED AT ALL PUBLIC STREET INTERSECTIONS AND TANGENT POINTS ON CURVES IN CONFORMANCE WITH SPOKANE COUNTY DRAWING S-13.
6. WATERLINES SHOWN FOR REFERENCE ONLY-SEE SUMMERWOOD WATER PLAN FOR CONSTRUCTION OF WATER SYSTEM & SERVICES.

DATUM

"X" ON CAP BOLT ON FIRE HYDRANT AT N.E. CORNER OF SADDLE HILL ROAD AND BRIDLE TRAIL ROAD
ELEVATION = 1814.00'

LEGEND

PROPOSED	EXISTING	DESCRIPTION
		CURB & GUTTER
	W 6"	WATER MAIN
		CURB STOP
		FIRE HYDRANT
		GATE VALVE
		CENTERLINE MONUMENT
		PROPOSED DRYWELL
		CONIFEROUS TREE
		WOOD FENCE
		WIRE FENCE
		SECTION CORNER
		EDGE OF ASPHALT
3598	3598	CONTOUR
		EXISTING GROUND
		FINISHED GRADE
		PROPERTY LINE
		EASEMENT
		BUILDING SETBACK

CALL BEFORE YOU DIG: 456-8000

NOTE: UTILITY LOCATIONS SHOWN ARE APPROXIMATE. CONTRACTOR SHALL VERIFY EXACT LOCATIONS WITH UTILITY COMPANY PRIOR TO EXCAVATION.

DEVELOPER'S APPROVAL _____ DATE _____

THIS CONSTRUCTION PLAN EXPIRES ONE (1) YEAR FROM DATE OF APPROVAL.

0 100' 200' 300'
SCALE 1" = 100'

TIMOTHY J. HAENEL — STATE OF WASHINGTON — 23355 — REGISTERED PROFESSIONAL ENGINEER
EXPIRES 5/26/97

DRAWN BDP DATE 2/27/95
DESIGNED TAS JOB NO. S93-45
APPROVED WAF F.B. NO.

THOMAS, DEAN & HOSKINS INC.
ENGINEERING CONSULTANTS
GREAT FALLS-BOZEMAN-KALISPELL MONTANA
SPOKANE WASHINGTON

REVISIONS
BY CRW DATE 6/4/95 DESCR AS-BUILTS
BY DATE DESCR
BY DATE DESCR

TDSH

SUMMERWOOD FIRST ADDITION PN 1656
SPOKANE COUNTY, WASHINGTON

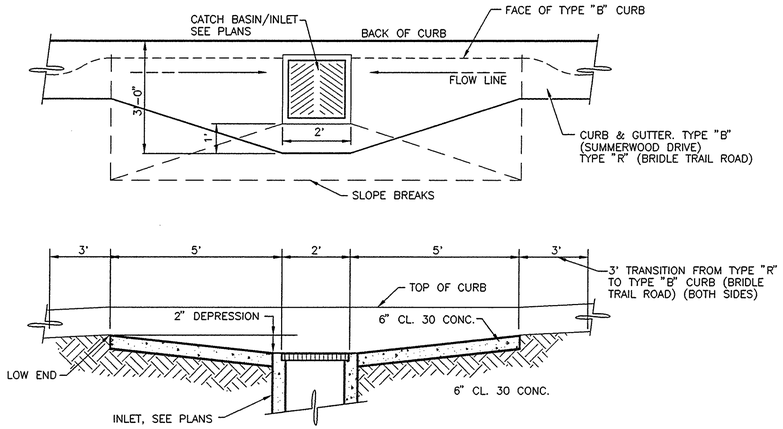
TITLE SHEET-AS CONSTRUCTED

SHEET NO. 1
4 SHEETS

S9345PH1.DWG

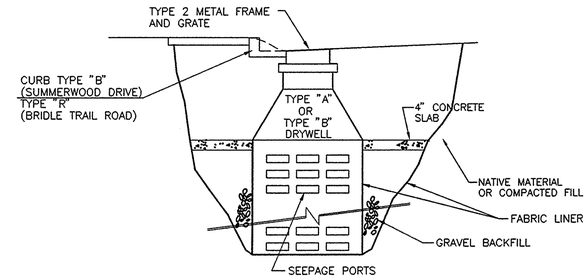
\S93-45\DWG\S9345PH1 Mon Jun 5 16:19:41 1995 TDSH - SPOKANE - (509)325-8499

LD1656-RA-2.TIF



COUNTY STANDARD TYPICAL INLET DETAIL

NO SCALE



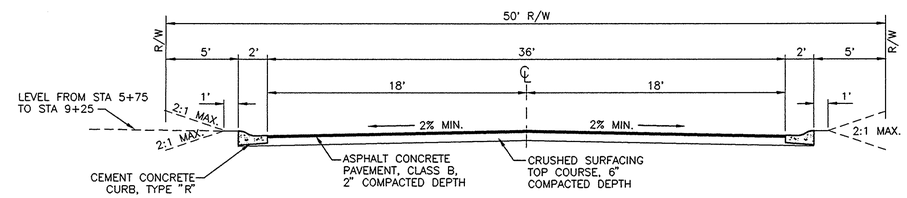
NOTE:

1.) REFER TO SPOKANE COUNTY STD. PLAN B-1.

2.) TYPE "A" DRYWELLS HAVE 1 BARREL, TYPE "B" DRYWELLS HAVE 2 BARRELS

COUNTY STANDARD TYPICAL INFILTRATION DRYWELL SECTION

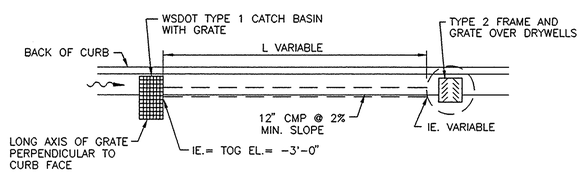
NO SCALE



NOTE:
FL = ℄-0.38
TC = ℄-0.05

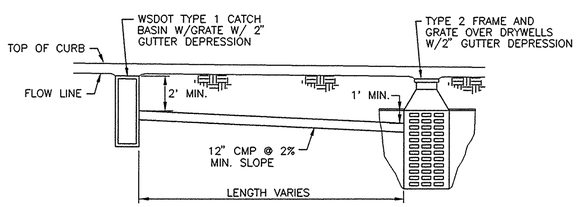
TYPICAL SECTION - BRIDLE TRAIL ROAD

SCALE: 1" = 5'



INLET\PIPE TO DRYWELLS - PLAN

NO SCALE



INLET/PIPE TO DRYWELLS - PROFILE

NO SCALE

GRASS SEED SPECIFICATION (CONTRACTOR SHALL VERIFY THROUGH SCS COOPERATIVE EXT.)

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

20 PERCENT ELKA PERENNIAL RYE
20 PERCENT DURAR HARD FESCUE
45 PERCENT COVAR SHEEP/ FESCUE
15 PERCENT REUBENS 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 WSDOT 1994 STANDARD SPECIFICATIONS, SECTION 8-01. CONTRACTOR TO IRRIGATE SEEDED AREAS UNTIL SEED HAS GERMINATED AND HAS BEEN ACCEPTED BY SPOKANE COUNTY.

DEVELOPER'S APPROVAL _____ DATE _____

THIS CONSTRUCTION PLAN EXPIRES ONE (1) YEAR FROM DATE OF APPROVAL.

S9345PH4.DWG

TIMOTHY J. HAGENAH — STATE OF WASHINGTON — 29385 — REGISTERED PROFESSIONAL ENGINEER

EXPIRES 5/26/95

DRAWN BDP DATE 2/27/95
DESIGNED TAS JOB NO. S93-45
APPROVED WAF F.B. NO.

THOMAS, DEAN & HOSKINS INC.
ENGINEERING CONSULTANTS
GREAT FALLS-BOZEMAN-KALISPELL MONTANA
SPOKANE WASHINGTON

REVISIONS
BY CRW DATE 6/4/95 DESCR AS-BUILTS
BY DATE DESCR
BY DATE DESCR

SUMMERWOOD FIRST ADDITION PN 1656
SPOKANE COUNTY, WASHINGTON

DETAILS/ROADWAY SECTION-AS CONSTRUCTED

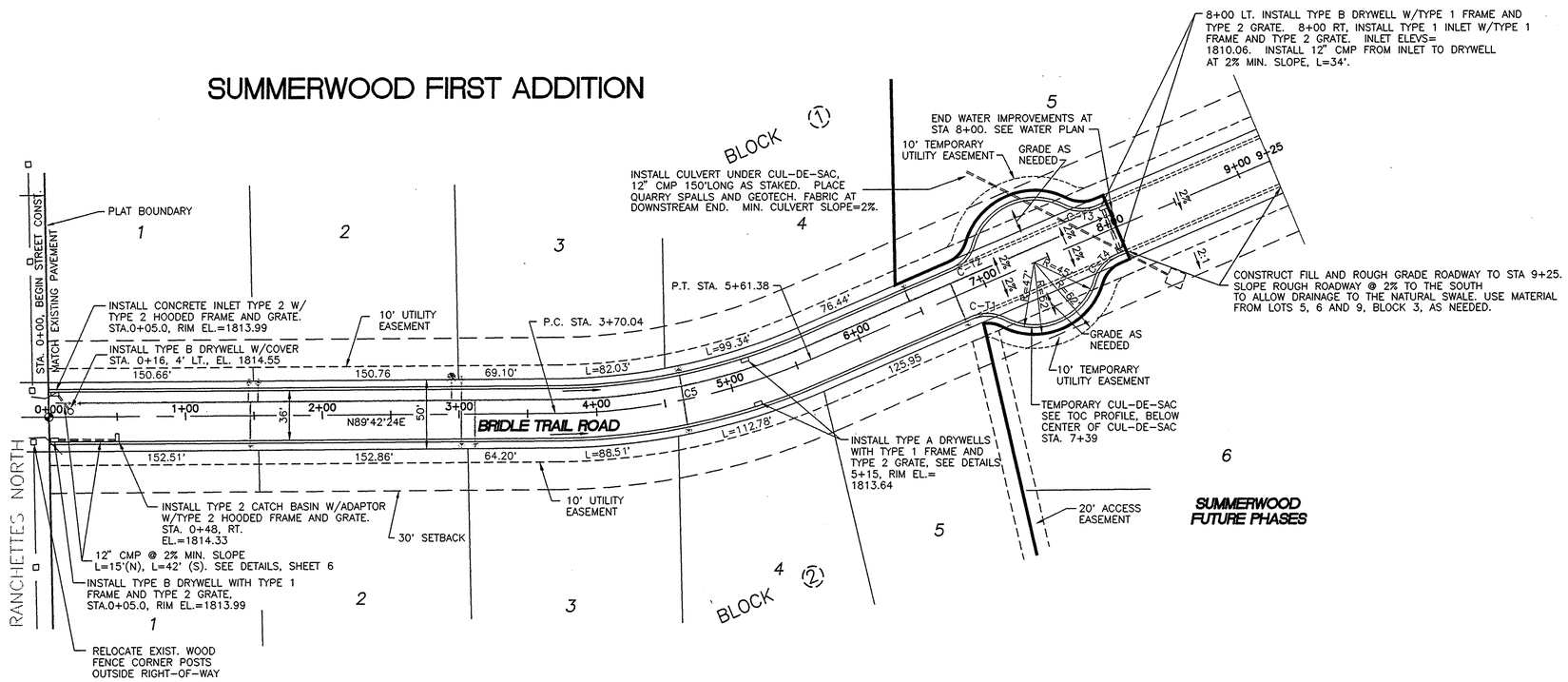
SHEET NO. 4
SHEETS 4

S93-45\DWG\S9345PH4 Mon Jun 5 15:21:26 1995 TD&H - SPOKANE - (509)325-8499

LP 1656-DTL-2.TIF

PORTION OF THE SOUTHEAST QUARTER
OF SECTION 22, TOWNSHIP 27 NORTH,
RANGE 43 EAST, W.M., SPOKANE COUNTY, WASHINGTON.

SUMMERWOOD FIRST ADDITION



CURVE TABLE

CURVE	RADIUS *	LENGTH	TANGENT	DELTA
C-T1	30.00'	24.32'	12.87'	46°26'31"
C-T2	30.00'	31.82'	14.99'	53°06'13"
C-T3	30.00'	14.06'	26.29'	50°12'29"
C-T4	30.00'	14.06'	26.29'	50°12'29"
C5	480.00'	191.33'	96.95'	22°50'18"

* RADIUS TO BACK OF ROLLED CURB

NOTES:

1.) UTILITY LOCATIONS SHOWN ARE APPROXIMATE, CONTRACTOR SHALL VERIFY EXACT LOCATION WITH UTILITY COMPANY PRIOR TO EXCAVATION. ANY CONFLICTING UTILITIES SHALL BE RELOCATED PRIOR TO CONSTRUCTION OF ROAD AND DRAINAGE FACILITIES.

2.) ALL DRYWELLS SHALL BE INSTALLED WITH FILTER FABRIC (AMOCO 4545 OR APPROVED EQUAL) AROUND THE BARREL AND BETWEEN THE DRAIN ROCK AND EXCAVATED LATERAL GROUND.

3.) UTILITIES IN UTILITY TRENCH LINE ARE POWER, GAS, TELEPHONE AND CABLE TV.

4.) RADIUS FOR CURBS IS MEASURED FROM THE BACK OF CURB.

5.) SEE SHEET 3 FOR EROSION CONTROL MEASURES.

N

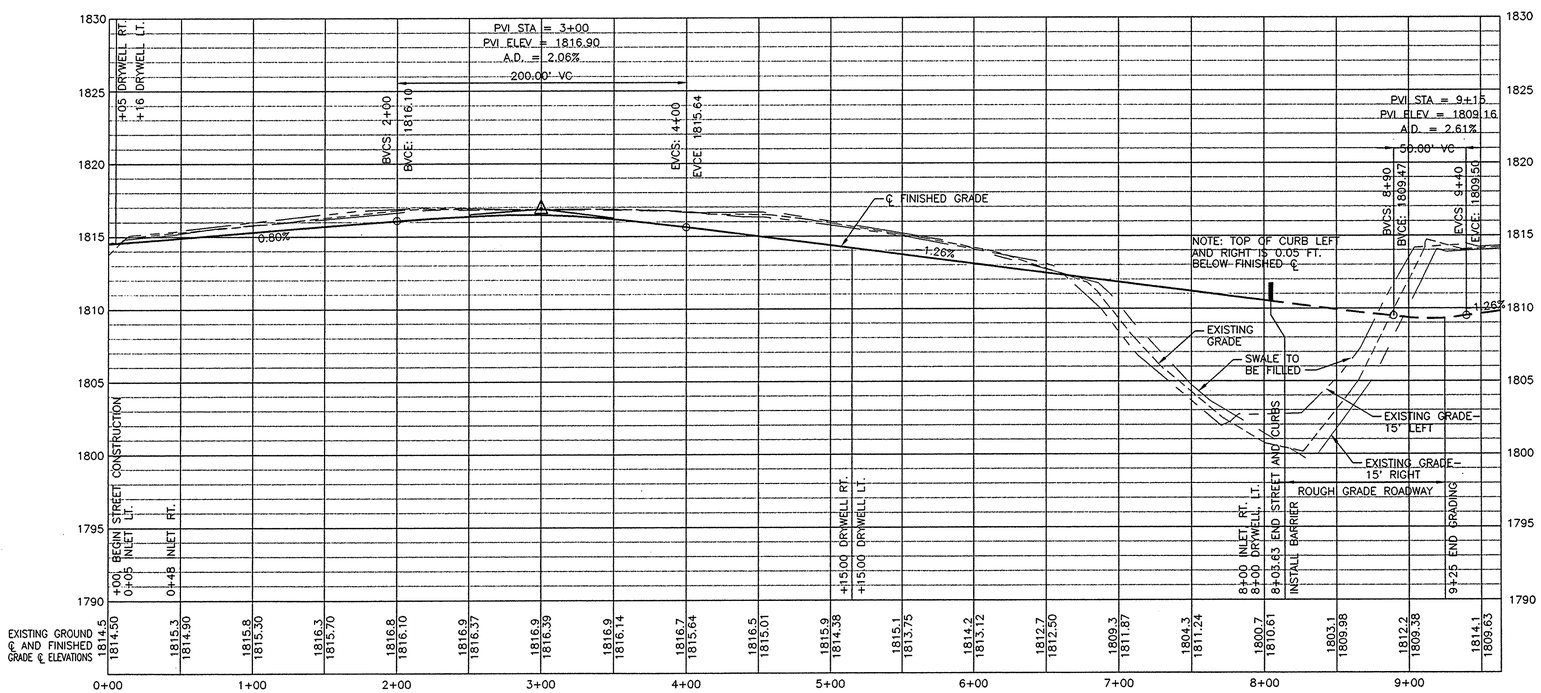
0 50' 100' 150'
SCALE 1" = 50'

DATUM
"X" ON CAP BOLT ON FIRE HYDRANT AT N.E. CORNER OF SADDLE HILL ROAD AND BRIDLE TRAIL ROAD
ELEVATION = 1814.00'

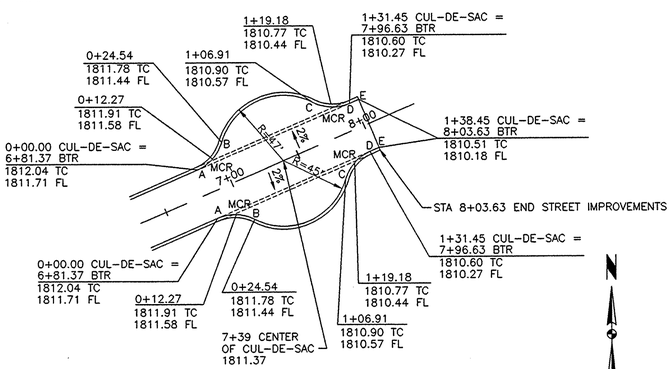
CALL BEFORE YOU DIG: 456-8000

DEVELOPER'S APPROVAL _____ DATE _____

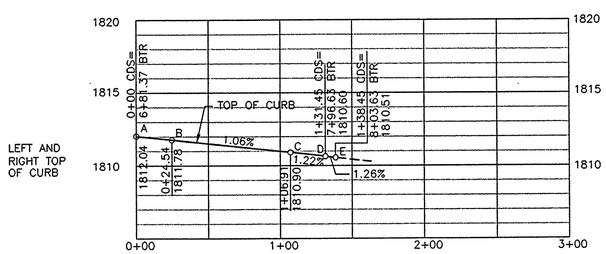
THIS CONSTRUCTION PLAN EXPIRES ONE (1) YEAR FROM DATE OF APPROVAL.



BRIDLE TRAIL ROAD



BRIDLE TRAIL ROAD - TEMPORARY CUL-DE-SAC



FIRST ADDITION TEMPORARY CUL-DE-SAC ON BRIDLE TRAIL ROAD

S9345PH2.DWG

SUMMERWOOD FIRST ADDITION PN 1656
SPOKANE COUNTY, WASHINGTON

BRIDLE TRAIL ROAD/TEMPORARY CUL-DE-SAC
PLAN AND PROFILE-AS CONSTRUCTED

SHEET NO. 2 / 4 SHEETS

TIMOTHY J. HASTINGS — STATE OF WASHINGTON — 29385 — REGISTERED PROFESSIONAL ENGINEER
EXPIRES 5/26/99

THOMAS, DEAN & HOSKINS INC.
ENGINEERING CONSULTANTS
GREAT FALLS–BOZEMAN–KALISPELL MONTANA
SPOKANE WASHINGTON

DRAWN BDP DATE 2/15/95
DESIGNED TAS JOB NO. S93-45
APPROVED WAF F.B. NO.

REVISIONS
BY TJH DATE 5/1/95 DESCR UPDATE INLETS
BY CRW DATE 6/4/95 DESCR AS-BUILTS
BY DATE DESCR

TD&H

S93-45\DWG\S93H5PH2 Mon Jun 5 15:05:09 1995 TD&H - SPOKANE - (509)325-8499

1.P1656-PP-3.TIF