ROAD AND DRAINAGE PLANS FOR:

THE Ridge AT HANGMAN

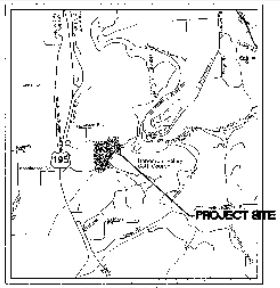
PHASE VII

SPOKANE COUNTY, WASHINGTON

S.28 AND 32, T.24N., R.43E., W.M.

LEGEND

EXISTING CONTOUR	PROPOSED CONTOUR
EASEMENT LINE	PLAT BOUNDARY
EXISTING BURIED GAS PIPELINE	LOT LINE
EXISTING WATER LINE	PROPOSED WATER LINE
EXISTING STORM DRAIN LINE	PROPOSED CENTERLINE OF DITCH W/FLOW DIRECTION
EXISTING WATER VALVE	PROPOSED CENTERLINE OF DITCH W/EROSION CONTROL BLANKET
EXISTING WATER LINE FITTING (TYP.)	PROPOSED STORM DRAIN LINE
EXISTING FIRE HYDRANT	PROPOSED FLOW/DIRECTION
EXISTING ACCESS ROAD	PROPOSED WATER VALVE
EXISTING EDGE OF PAVEMENT	PROPOSED CONCRETE THRUST BLOCK
	PROPOSED WATER LINE FITTING (TYP.)
	PROPOSED OUTLET STRUCTURE
	PROPOSED POND BOTTOM
	PROPOSED ASPHALT PAVEMENT
	PROPOSED RIPRAP REVETMENT



VICINITY MAP

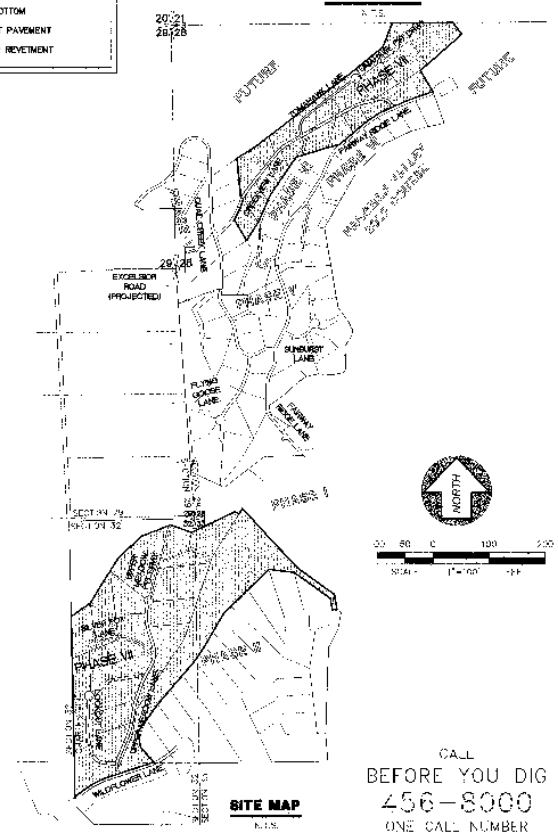
INDEX OF DRAWINGS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	UPPER MEADOW LANE - STA. 0+00.00 TO STA. 11+00.00
3	UPPER MEADOW LANE - STA. 11+00.00 TO STA. 19+72.36
4	LOOKOUT LANE - STA. 1+00.00 TO STA. 10+37.72
5	SILVER FOX LANE - STA. 1+00.00 TO STA. 7+99.25
6	UPPER MEADOW PVT DRWY STA. 1+00.00 TO STA. 8+11.54
7	CREEKVIEW LANE - STA. 11+25.00 TO STA. 13+00.00
8	CREEKVIEW LANE - STA. 13+00.00 TO STA. 25+76.67
9	TOMAHAWK LANE - STA. 1+00.00 TO STA. 9+99.08
10	TOMAHAWK PVT DRWY - STA. 1+00 TO STA. 6+32.43
11	LOOKOUT LANE and UPPER MEADOW LANE - SOUTH GRADING and EROSION/SEDIMENT CONTROL PLAN
12	UPPER MEADOW LANE - NORTH and SILVER FOX PVT DRWY GRADING and EROSION/SEDIMENT CONTROL PLAN
13	UPPER MEADOW LANE PVT DRWY - GRADING and EROSION/SEDIMENT CONTROL PLAN
14	CREEKVIEW LANE - SOUTH GRADING and EROSION/SEDIMENT CONTROL PLAN
15	CREEKVIEW LANE - NORTH and TOMAHAWK LANE GRADING and EROSION/SEDIMENT CONTROL PLAN
16	TOMAHAWK LANE PVT DRWY - GRADING and EROSION/SEDIMENT CONTROL PLAN
17	TEMPORARY EROSION/SEDIMENT CONTOL DETAILS
18	ROAD SECTIONS and DITCH DETAILS
19	POND 1 AND DRAINAGE DETAILS
20	POND 2, ENLARGED EXISTING TEMPORARY POND and DRAINAGE DETAILS

GENERAL NOTES:

1. ALL MATERIALS AND INSTALLATION SHALL BE IN CONFORMANCE WITH THE "SPOKANE COUNTY STANDARDS FOR ROAD AND SEWER CONSTRUCTION 2006", AS AMENDED, AND PER THE "2006 STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION" AS PUBLISHED BY THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION (W.S.D.O.T.) AND BY THE AMERICAN PUBLIC WORKS ASSOCIATION (APWA).
2. LOCATIONS OF EXISTING UTILITIES SHOWN ON 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. CONTRACTOR SHALL ALSO MAINTAIN ON THE SITE A COMPLETE SET OF RED LINE RECORD DRAWINGS INDICATING ALL CHANGES FROM THE APPROVED DRAWINGS. THE CONTRACTOR SHALL PROVIDE A SET OF RED LINE DRAWINGS TO THE ENGINEER FOLLOWING COMPLETION OF CONSTRUCTION.
4. CONTRACTOR SHALL VERIFY EXISTING SITE CONDITIONS PRIOR TO CONSTRUCTION. 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. CONTRACTOR IS RESPONSIBLE FOR REPAIR OF ANY DAMAGE TO ADJACENT EXISTING PROPERTIES OR IMPROVEMENTS. CONTRACTOR IS RESPONSIBLE FOR CLEAN-UP OF ANY AREAS DISTURBED BY HIS ACTIVITIES.
6. ALL POND BOTTOMS, BERMS AND SIDESLOPES SHALL BE PROVIDED WITH 4" OF NATIVE TOPSOIL. NATIVE TOPSOIL SHALL BE FERTILE, FRIABLE, NATURAL LOAM SURFACE SOIL REASONABLY FREE OF SUBSURFACE SOIL. SOIL SHALL BE FREE OF CLAY LUMPS, BRUSH, WEEDS AND OTHER LITTER, AND FREE OF ROOTS, STUMPS AND STONES LARGER THAN 1" IN ANY DIMENSION. NO OTHER EXTRANEOUS OR TOXIC MATTER HARMFUL TO PLANT GROWTH SHALL BE PRESENT. NO MORE THAN 10% ROCK FRAGMENTS SHALL BE PRESENT IN TOPSOIL. NATIVE TOPSOIL SHALL HAVE A MINIMUM OF 25% BY WEIGHT PASSING A NO. 10 SIEVE.
7. CLEARING AND GRUBBING:
   A. CONTRACTOR TO CLEAR ALL AREAS WITHIN THE BOUNDS OF ROADWAY EARTHWORK ACCORDING TO SECTION 2-01.3(1) OF THE WSDOT STANDARD SPECIFICATIONS.
   B. CONTRACTOR TO GRUB ALL AREAS TO RECEIVE ROADWAY EMBANKMENT AND LOT FILLS IN ACCORDANCE WITH SECTION 2-01.3(2) OF THE WSDOT STANDARD SPECIFICATIONS.
8. ROAD EMBANKMENTS: PER METHOD B IN SECTION 2-03.3(14)C OF WSDOT STANDARD SPECIFICATIONS:
   A. TOP 2 FEET OF EMBANKMENT SHALL BE COMPACTED TO 95% OF MAX. DRY DENSITY (4" MAX. LIFT).
   B. BELOW 2 FEET – COMPACT TO 90% MAX. DRY DENSITY (8" MAX. LIFT).
   C. EXCEPT THAT LIFT THICKNESS MAY BE INCREASED TO 12" IN LAYERS BELOW 2' IF VIBRATORY ROLLER IS USED AND THE REQUIRED DENSITY IS OBTAINED THROUGH THE FULL DEPTH AND WIDTH OF EACH LAYER.

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT
ORIGINAL
"AS-BUILTS"
CERTIFIED RECORD DRAWINGS
PROJECT #: P-16381
DATE ACCEPTED: 11/1/2007



SITE MAP

CALL BEFORE YOU DIG 456-8000
ONE CALL NUMBER
48 HR. NOTICE REQUIRED

I HAVE REVIEWED THE CONSTRUCTION AND TO MY KNOWLEDGE FIND IT TO BE IN SUBSTANTIAL CONFORMANCE WITH THE APPROVED CERTIFIED PLANS AND STANDARD SPECIFICATIONS EXCEPT AS NOTED.

No.	Date	By	Chk.	Appr.	Revisions
2	10/07	DFT	MFK	MAA	RECORD DRAWINGS
1	05/06	ALB	MFK	MAA	ADDRESS SPOKANE CO 2/10/06 COMMENTS

Drawn: ALB Date: 02/01/06
Designed: ALB 02/01/06
Checked: MAA 02/01/06

EXPIRES 12/31/06

The design improvements shown on this set of plans and specifications conform to the applicable laws of the Spokane County Standards for Road and Sewer Construction and the Spokane County Guidelines for Stormwater Management. A design deviation have been approved by the Spokane County Engineer, unless shown otherwise on construction.

Taylor Engineering, inc.
Civil Design and Land Planning
N. 108 Sherman Ave.
Spokane, Washington 99202
(509) 924-9277 FAX (509) 924-9234

SPOKANE COUNTY PUBLIC WORKS
DIVISION OF ENGINEERING AND ROADS
N. 1026 Broadway Ave.
Spokane, WA 99201-0170
477-3600

Owner's Approval: SEE BRIAN McCOY SIGNATURE LETTER Date: 02/01/01

VERTICAL DATUM: "ELEVATIONS ARE BASED ON THE NAVD 88 DATUM, ONE-WAY TRIL NGS BENCHMARK, LOCATED 2.5MI E OF CHENEY, ON THE TRACK OF THE BNSF RR, NEAR THE BASE OF A WATER TANK"

CADD FILE NAME: C06060106.DWG

SCALE: 50 25 0 50 100 FEET

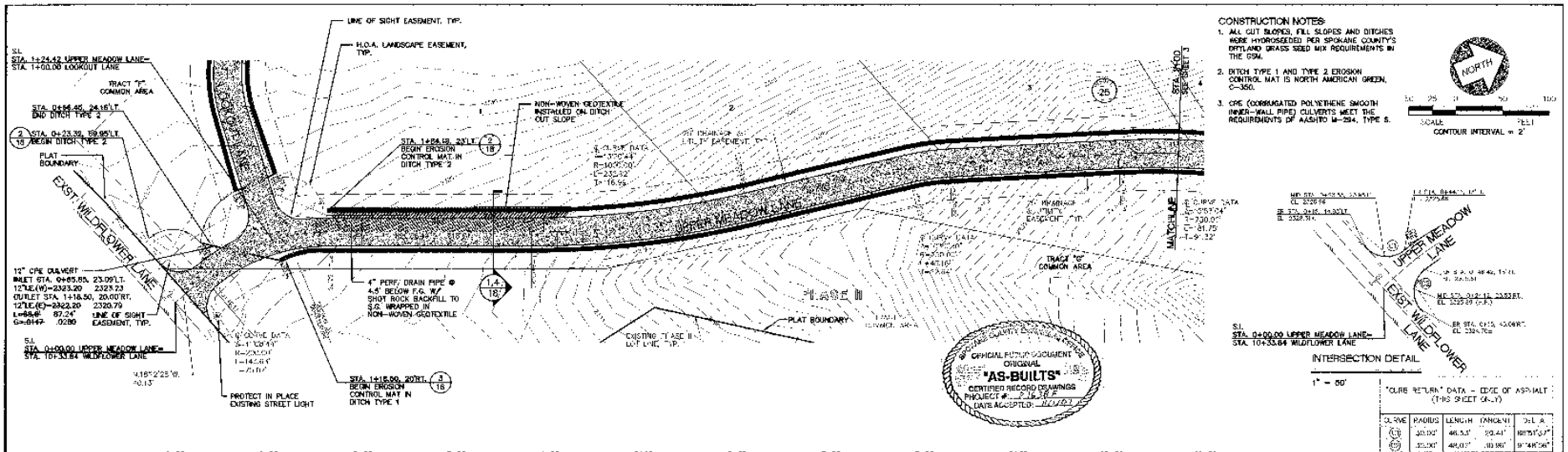
SCALE
HORIZ. 1"=50'
VERT. 1"=10'

RIDGE AT HANGMAN PHASE VII

COVER SHEET

COVER SHEET 1/20

P-16 38 F Eng As Builts



CONSTRUCTION NOTES:

1. ALL CUT SLOPES, FILL SLOPES AND DITCHES WERE HYDROSEEDED PER SPOKANE COUNTY'S DRYLAND GRASS SEED MIX REQUIREMENTS IN THE GSM.
2. DITCH TYPE 1 AND TYPE 2 EROSION CONTROL MAT IS NORTH AMERICAN GREEN, C-350.
3. CPE (CORRUGATED POLYETHENE SMOOTH INNER-WALL PIPE) CULVERTS MEET THE REQUIREMENTS OF AASHTO M-294, TYPE S.

NORTH

SCALE FEET

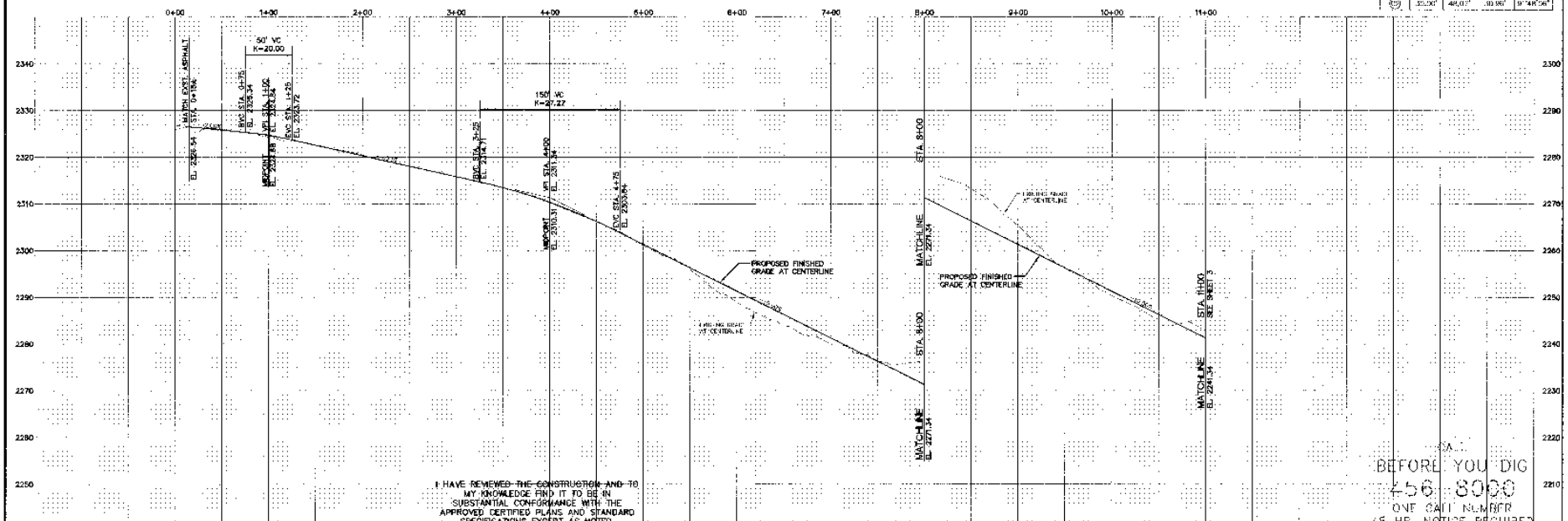
CONTOUR INTERVAL = 2'

INTERSECTION DETAIL

1" = 50'

"CURB RETURN" DATA - EDGE OF ASPHALT (THIS SHEET ONLY)

CURVE	RADIUS	LENGTH	TANGENT	DELTA
1	20.00'	46.53'	29.41'	88°57'07"
2	20.00'	46.07'	30.98'	91°48'06"



I HAVE REVIEWED THE CONSTRUCTION AND TO MY KNOWLEDGE FIND IT TO BE IN SUBSTANTIAL CONFORMANCE WITH THE APPROVED CERTIFIED PLANS AND STANDARD SPECIFICATIONS EXCEPT AS NOTED.

CALL...
BEFORE YOU DIG
456-8000
ONE CALL NUMBER
48 HR. NOTICE REQUIRED

No.	Date	By	Ckd.	Appr.	Revisions
2	10/00	DET.	MFK	MAA	RECORD DRAWINGS
1	05/98	ALB.	MFK	MAA	ADDRESS SPOKANE CC 2/10/98 COMM-THIS

Drawn: ALB Date: 09/01/98
Designed: MFK 09/01/98
Checked: MAA 09/01/98

EXPIRES: 5/31/99

The design improvements shown on this set of plans and specifications conform to the applicable criteria of the Spokane County Standards for Road and Sewer Construction and the Spokane County Guidelines for Storm-water Management. All design deviations have been approved by the Spokane County Engineer. I approve these plans for construction.

Taylor Engineering, Inc.
Civil Design and Land Planning
8 108 Twelfth Ave.
Spokane, Washington 99201
(509) 456-8000 FAX (509) 456-8024

Owner's Approval: SEE BRIAN McCOY SIGNATURE LETTER Date: 09/01/01

SPOKANE COUNTY PUBLIC WORKS
DIVISION OF ENGINEERING AND ROADS
N. 1026 Broadway Ave.
Spokane, WA 99260-0170
477-3600

VERTICAL DATUM: BASED ON NGVD 1929 (MEAN SEA LEVEL) ADJUSTMENT OF SPOKANE COUNTY CONTROL NETWORK, SUPPLEMENTED BY CITY OF SPOKANE CONTROL NETWORK, SUPPLEMENTED BY SPOKANE COUNTY CONTROL NETWORK.

BASED HIP NAME: SPOKANE 1:25,000 (1984)

SCALE FEET

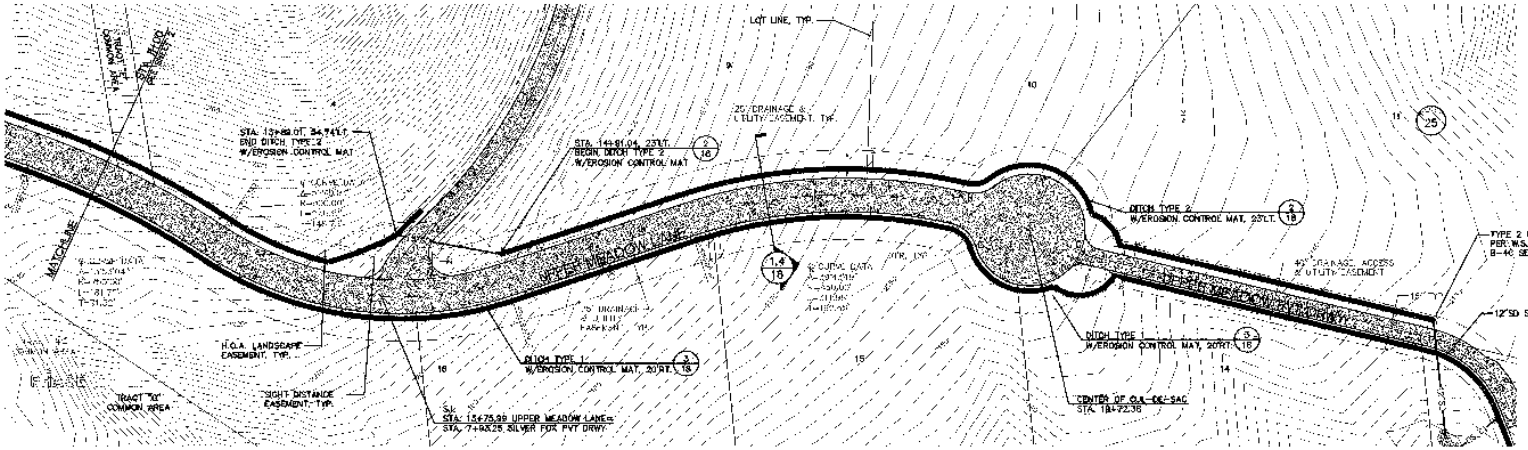
SCALE
HORIZ. 1"=50'
VERT. 1"=10'

RIDGE AT HANGMAN PHASE VII

UPPER MEADOW LANE
STA. 0+00.00 TO STA. 12+00.00

ROAD
SHEET 2 / 20

P-1638F Eng As Built

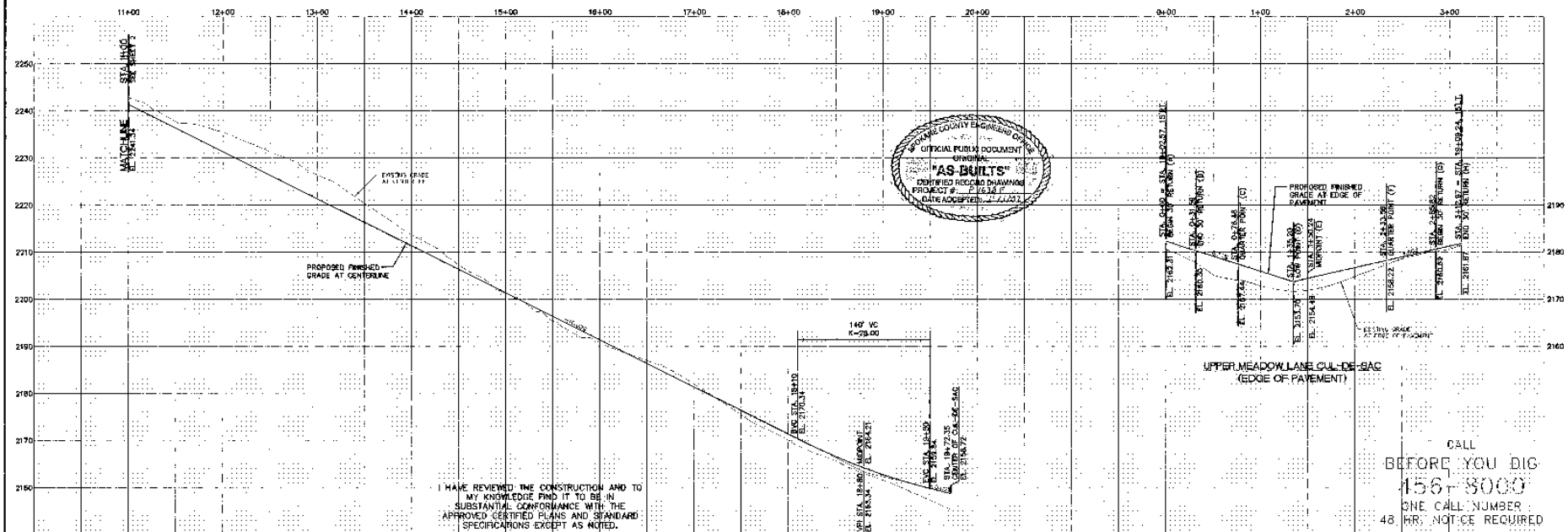


CONSTRUCTION NOTES:

1. ALL CUT SLOPES, FILL SLOPES AND DITCHES WERE HYDROSEEDED PER SPOKANE COUNTY'S DRYLAND GRASS SEED MIX REQUIREMENTS IN THE GSM.
2. DITCH TYPE 1 AND TYPE 2 EROSION CONTROL MAT IS NORTH AMERICAN GREEN, C-350.

NORTH

50 25 0 50 100
SCALE FEET
CONTOUR INTERVAL = 2'



SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT
ORIGINAL
"AS-BUILTS"
CERTIFIED RECORD DRAWINGS
PROJECT #: 2 4634 F
DATE ACCEPTED: 12/12/02

I HAVE REVIEWED THE CONSTRUCTION AND TO MY KNOWLEDGE FIND IT TO BE IN SUBSTANTIAL CONFORMANCE WITH THE APPROVED CERTIFIED PLANS AND STANDARD SPECIFICATIONS EXCEPT AS NOTED.

CALL
BEFORE YOU DIG
456-3000
ONE CALL NUMBER
48 HR. NOTICE REQUIRED

No.	Date	By	Ckd.	Appr.	Revisions
2	10/07	CFT	MPM	MAA	RECORD DRAWINGS
1	05/06	A.R.	MPM	MAA	ADDRESS SPOKANE CO. 2/10/06 COMMENTS

Drawn: JLE — Date: 02/20/03
Designed: — Date: 02/20/03
Checked: — Date: 02/20/03

The design improvements shown in this set of plans and specifications conform to the requirements of the Spokane County Standards for Road and Sewer Construction and the Spokane County Guidelines for Stormwater Management. Design deviations have been approved by the Spokane County Engineer. approve these plans for construction.

Taylor Engineering, Inc.
Civil Design and Land Planning
N. 140 Division Ave.
Spokane, Washington 99202
(509) 535-8071 FAX (509) 535-8324

Owner's Approval: SEE BLACK INK SIGNATURE LETTER — Date: 02/01/03

SPOKANE COUNTY PUBLIC WORKS
DIVISION OF ENGINEERING AND ROADS
N. 1026 Broadway Ave.
Spokane, Wa. 99260-0170
477-3600

VERTICAL DATUM: NAVD 88 — TERRESTRIAL GPS BASED
CADD FILE NAME: 05398LCL2SHEET.DWG
50 25 0 50 100
SCALE

SCALE
HORZ. 1"=50'
VERT. 1"=10'

RIDGE AT HANGMAN PHASE VII

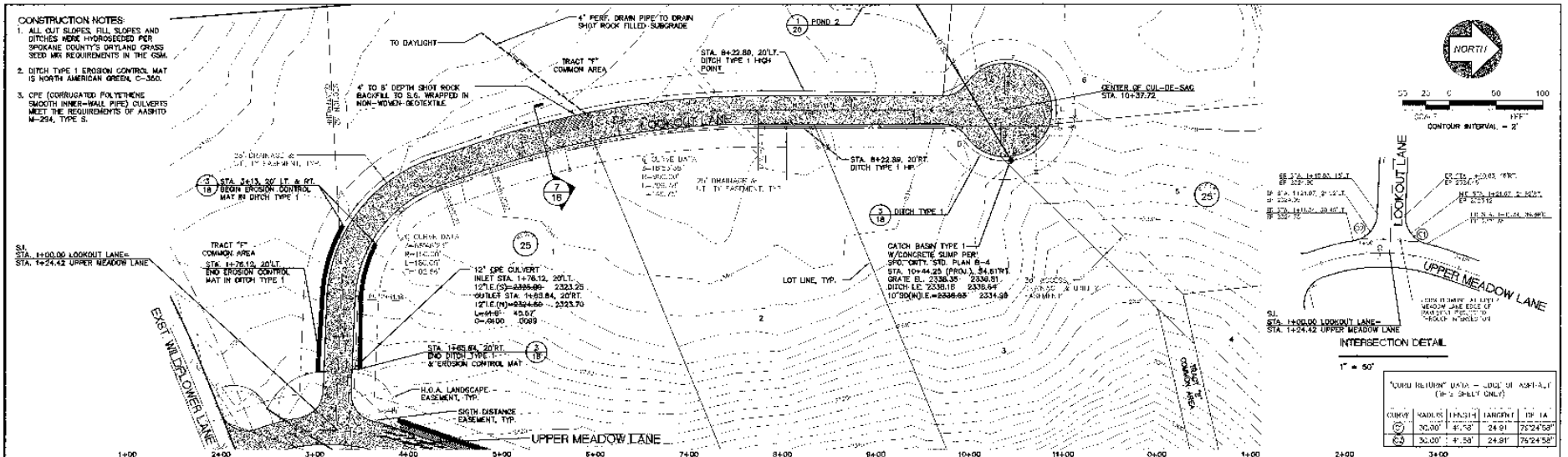
UPPER MEADOW LANE
STA. 12+00.00 TO STA. 19+72.36

ROAD
SHEET 3 / 20

PWRF Eng As Builts

CONSTRUCTION NOTES:

1. ALL CUT SLOPES, FILL SLOPES AND DITCHES WERE HYDROSEEDED PER SPOKANE COUNTY'S DRYLAND GRASS SEED MIX REQUIREMENTS IN THE GSM.
2. DITCH TYPE 1 EROSION CONTROL MAT IS NORTH AMERICAN GREEN, C-350.
3. CPE (CORRUGATED POLYETHENE SMOOTH INNER-WALL PIPE) CULVERTS MEET THE REQUIREMENTS OF AASHTO M-294, TYPE S.



I HAVE REVIEWED THE CONSTRUCTION AND TO MY KNOWLEDGE FIND IT TO BE IN SUBSTANTIAL CONFORMANCE WITH THE APPROVED CERTIFIED PLANS AND STANDARD SPECIFICATIONS EXCEPT AS NOTED.

No.	Date	By	Ckd.	Appr.	Revisions
2	10/07	SFT	MPM	KAA	RECORD DRAWINGS
1	05/06	AJJ	MPM	KAA	ADD-2006 SPOKANE CO. 2/10/06 COMMENTS

Drawn: JJJ Date: 04/01/06
Designed: MPM 02/01/06
Checked: MAA 02/01/06

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 conditions have been approved by the Spokane County Engineer. I approve these plans for construction.

Taylor Engineering, Inc.
Civil Section and Land Planning
9 N. 108 Mission Ave.
Spokane, Washington 99201
(509) 328-3971 FAX (509) 328-3984

Owner's Approval: JEF FRIAR, KIRCO, SIGNATURE, ETTER Date: 02/01/06

SPOKANE COUNTY PUBLIC WORKS
DIVISION OF ENGINEERING AND ROADS
W. 1026 Broadway Ave.
Spokane, Wa. 99260-0170
477-3600

VERTICAL DATUM: NGVD 29 (SPOKANE COUNTY DATUM)
CADD FILE NAME: 0528LCLS.DWG
SCALE: 50 25 0 50 100 FEET

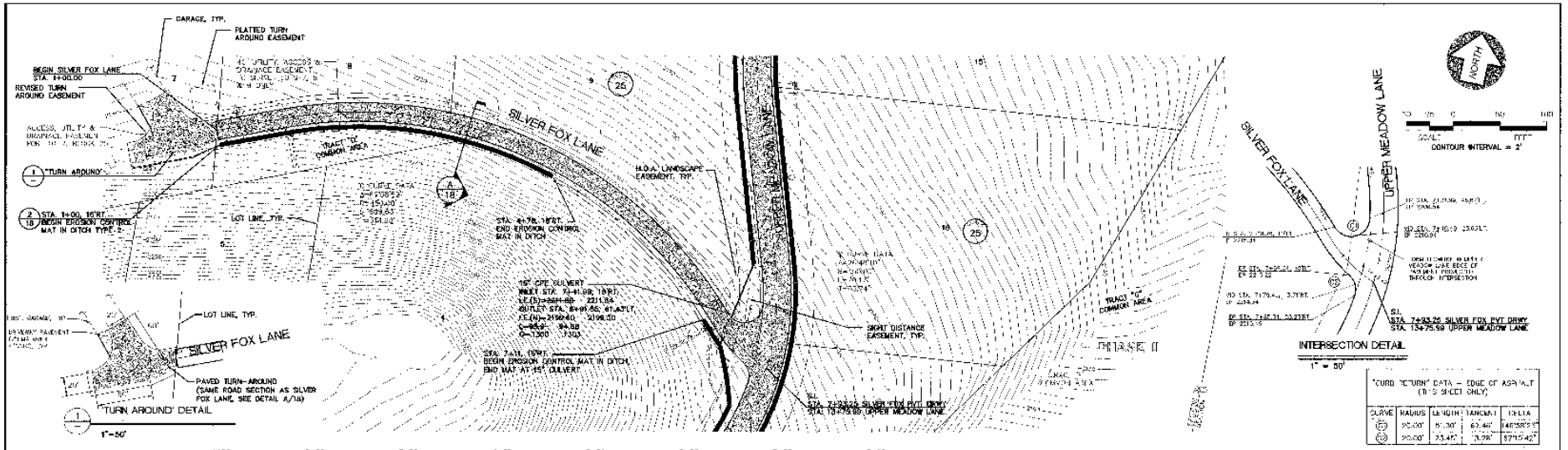
SCALE: HORIZ. 1"=50'; VERT. 1"=10'

RIDGE AT HANGMAN PHASE VII

LOOKOUT LANE
STA. 1+00.00 TO STA. 10+37.72

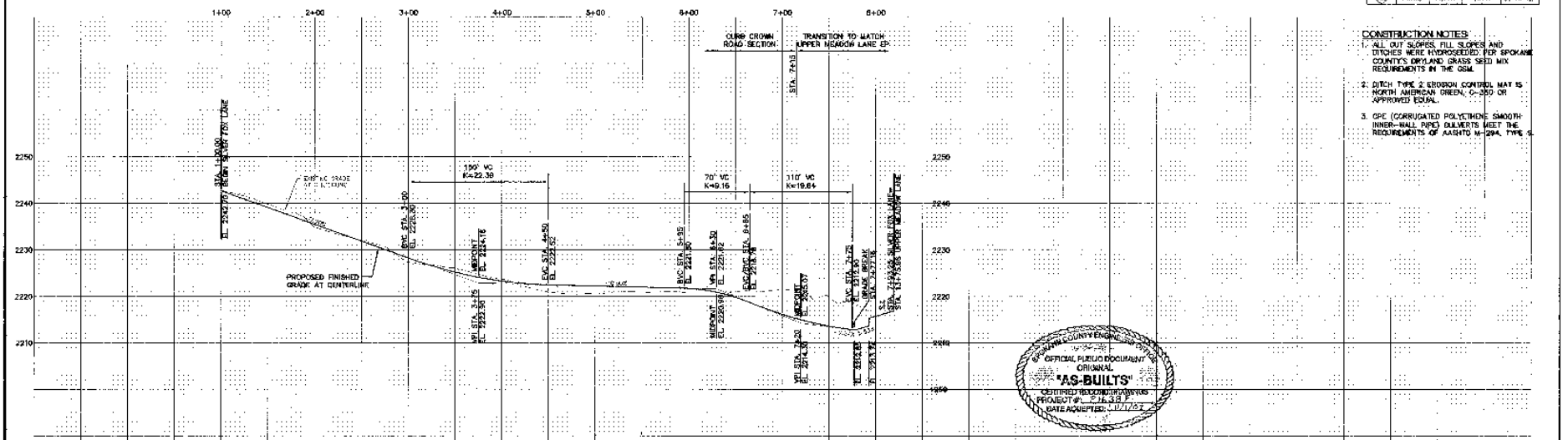
ROAD
SHEET 4 / 20

P-16385 Eng As Built



"CURB RETURN" DATA – EDGE OF ASPHALT (R.O.S. SHEET ONLY)

CURVE	RADIUS	LENGTH	TANGENT	DELTA
C1	25.00'	61.30'	63.46'	140°38'53"
C2	25.00'	23.42'	12.98'	57°15'42"



CONSTRUCTION NOTES:

1. ALL CUT SLOPES, FILL SLOPES AND DITCHES WERE HYDROSEEDED PER SPOKANE COUNTY'S DRYLAND GRASS SEED MIX REQUIREMENTS IN THE GSM.
2. DITCH TYPE 2 EROSION CONTROL MAT IS NORTH AMERICAN GREEN, C-250 OR APPROVED EQUAL.
3. CPE (CORRUGATED POLYETHYLENE SMOOTH INNER-WALL PIPE) CULVERTS MEET THE REQUIREMENTS OF AASHTO M-294, TYPE S.

I HAVE REVIEWED THE CONSTRUCTION AND TO MY KNOWLEDGE FIND IT TO BE IN SUBSTANTIAL CONFORMANCE WITH THE APPROVED CERTIFIED PLANS AND STANDARD SPECIFICATIONS EXCEPT AS NOTED.

CALL BEFORE YOU DIG 456-8000 ONE CALL NUMBER 48 HR. NOTICE REQUIRED

No.	Date	By	Ckd	Appr.	Revisions
2	10/07	DFT	MFW	MAA	RECORD DRAWINGS
1	02/06	AHT	MFW	MAA	ADDRESS SPOKANE CO. 2/10/06 COMMENTS

Drawn: JLA Date: 12/01/05
Designed: JLA Date: 12/01/05
Checked: MAA Date: 12/01/05

The design improvements shown on this set of plans and specifications conform to the applicable sections of the Spokane County Standards for Road and Sewer Construction and the Spokane County Supplemental Standards for Stormwater Management. Design deviations have been approved by the Spokane County Engineer. I approve these plans for construction.

Taylor Engineering, Inc.
Civil Design and Land Planning
A Jones Company
Spokane, Washington 99201
(509) 328-3577 FAX (509) 328-3624

SPOKANE COUNTY PUBLIC WORKS
DIVISION OF ENGINEERING AND ROADS
W. 1026 Broadway Ave.
Spokane, Wa. 99260-0170
477-3600

Owner's Approval: SEE BRIAN MOODY SIGNATURE LETTER Date: 03/01/01

VERTICAL DATUM: NGVD 29 (MSL) AT CENTERLINE OF ROAD, BEFORE ROAD, SEE "RIDGE AT HANGMAN PHASE I" SHEET 1 OF 2 FOR ADDITIONAL INFORMATION ON ROAD CONSTRUCTION

CADD FILE NAME: COORDINATE TIMES

SCALE: 0 25 50 100

SCALE
HORZ. 1"=50'
VERT. 1"=2'

RIDGE AT HANGMAN PHASE VII

SILVER FOX LANE
STA. 1+00.00 TO STA. 7+93.25

ROAD SHEET 5 / 20

P-1638F Eng. Bulletin

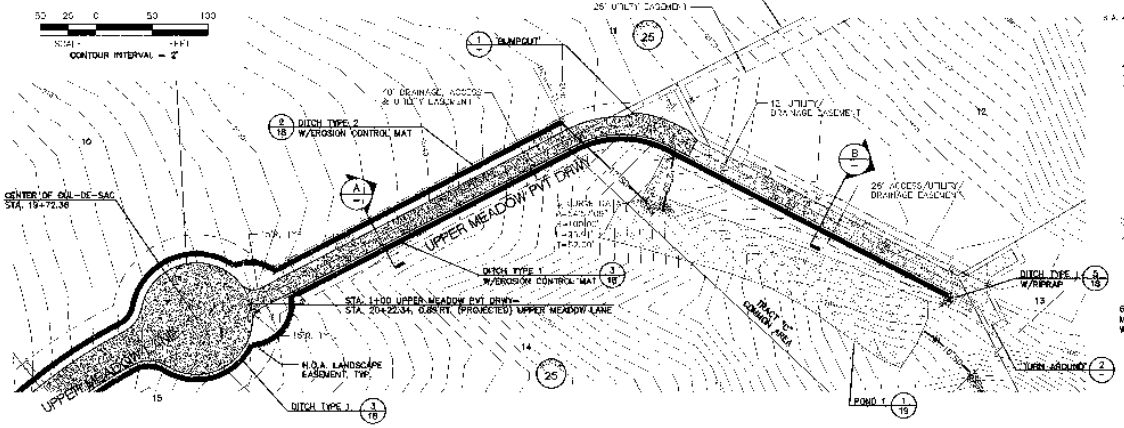
CONSTRUCTION NOTES:

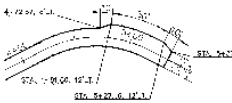
1. ALL CUT SLOPES, FILL SLOPES AND DITCHES WERE HYDROSEEDED PER SPOKANE COUNTY'S DRYLAND GRASS SEED MIX REQUIREMENTS IN THE GSM.
2. DITCH TYPE 1 AND TYPE 2 EROSION CONTROL MAT IS NORTH AMERICAN GREENS, C-350 OR APPROVED EQUAL.

NORTH

SCALE - FEET

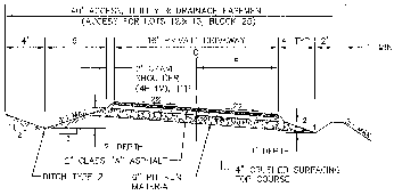
CONTOUR INTERVAL = 2'





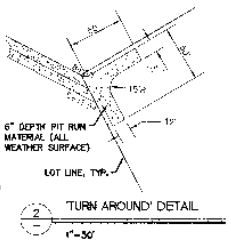
"BUMPOUT" DETAIL

1"=50'



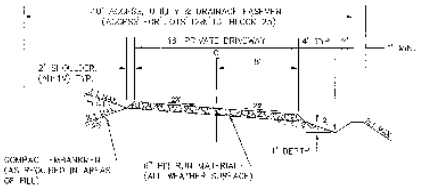
UPPER MEADOW PVT DRWY - (STA. 1+00 TO STA. 5+37.16) - SECTION

NOT TO SCALE



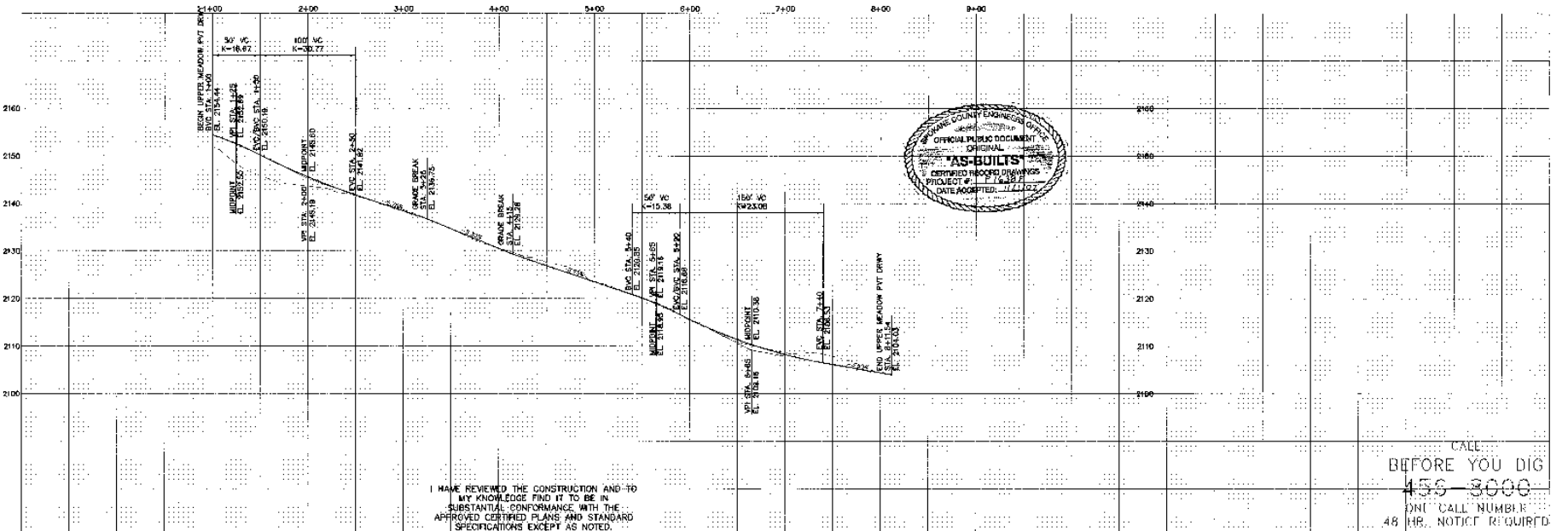
"TURN AROUND" DETAIL

1"=50'



UPPER MEADOW PVT DRWY - (STA. 5+37.16 TO STA. 8+11.54) - SECTION

NOT TO SCALE



I HAVE REVIEWED THE CONSTRUCTION AND TO MY KNOWLEDGE FIND IT TO BE IN SUBSTANTIAL CONFORMANCE WITH THE APPROVED CERTIFIED PLANS AND STANDARD SPECIFICATIONS EXCEPT AS NOTED.

CALL BEFORE YOU DIG 456-3000 ONE CALL NUMBER 48 HR. NOTICE REQUIRED

No.	Date	By	Chk	Appr.	Revisions
2	10/07	DFI	MFM	MAA	RECORD DRAWINGS
1	06/06	A.B	MFM	MAA	ADDRESS SPOKANE CO. 2/07/06 COMMENTS

Drawn: AJB Date: 02/07/06
Designed: MFM Date: 02/07/06
Checked: MAA Date: 02/07/06

The design improvements shown in this set of plans and calculations conform to the applicable criteria of the Spokane County Standards for Road and Sewer Construction and the Spokane County Guidelines for Stormwater Management. All design elements have been approved by the Spokane County Engineer. I approve these plans for construction.

Taylor Engineering, Inc.
Civil Design and Land Planning
N. 108 Meadian Ave.
Spokane, Washington 99207
(509) 326-9371 FAX (509) 326-0324

Owner's Approval: SEE DRAWING SIGNATURE SHEET Date: 02/07/06

SPOKANE COUNTY PUBLIC WORKS
DIVISION OF ENGINEERING AND ROADS
2 N. 105th Broadway Ave.
Spokane, Wa. 99333-5170
477-3600

VERTICAL DATUM: ALL ELEVATIONS SHOWN ARE BASED UPON THE NATIONAL GEODETIC SURVEY (NGS) DATUM (NAVD 88) ESTIMATED FROM USGS QUADRANGLE MAP.

CADD FILE NAME: 0509BLM2(SHEET6).DWG

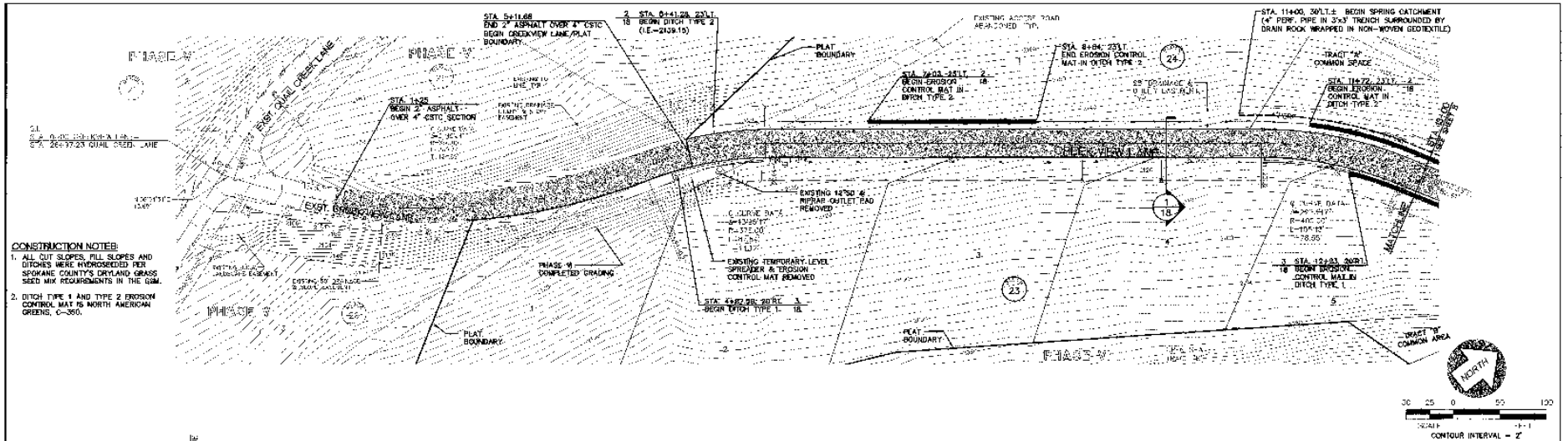
SCALE: HORIZ. 1"=50' VERT. 1"=10'

RIDGE AT HANGMAN PHASE VII

UPPER MEADOW PVT DRWY
STA. 1+00.00 TO STA. 8+11.54

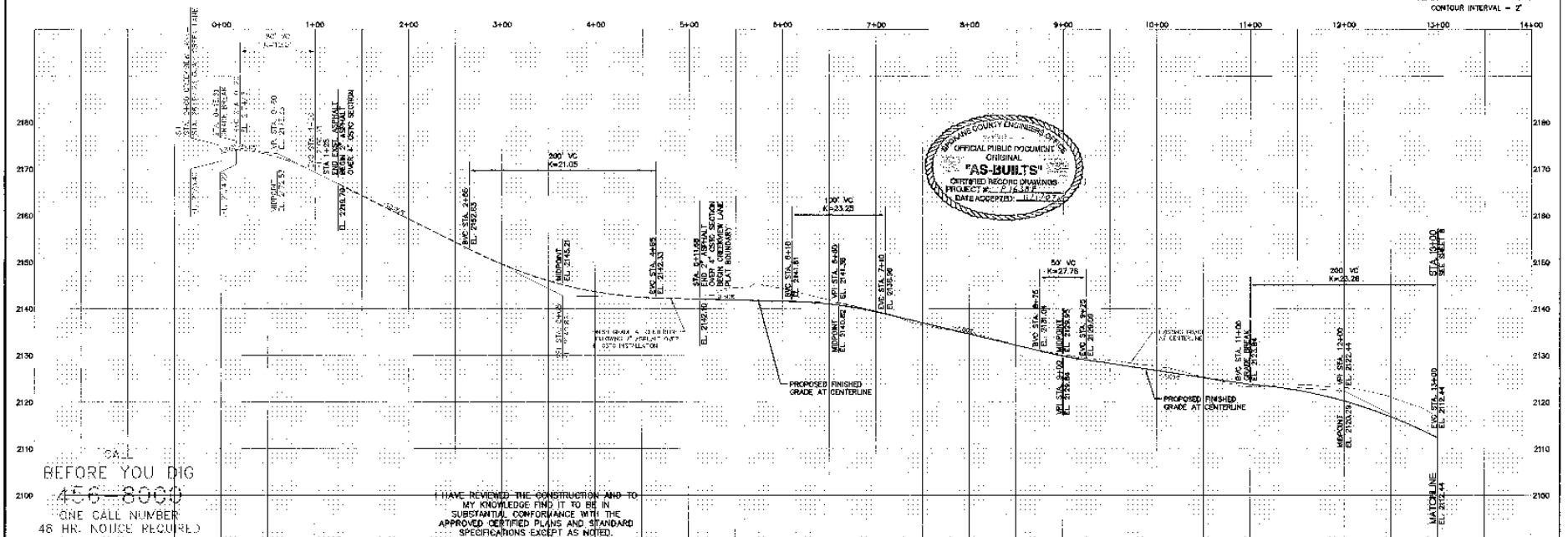
ROAD SHEET 6 / 20

P-1636 F Eng As Built



CONSTRUCTION NOTES:

1. ALL CUT SLOPES, FILL SLOPES AND DITCHES WERE HYDROSEEDED PER SPOKANE COUNTY'S DRYLAND GRASS SEED MIX REQUIREMENTS IN THE GSM.
2. DITCH TYPE 1 AND TYPE 2 EROSION CONTROL MAT IS NORTH AMERICAN GREENS, C-350.



CALL BEFORE YOU DIG
456-8000
ONE CALL NUMBER
48 HR. NOTICE REQUIRED

I HAVE REVIEWED THE CONSTRUCTION AND TO MY KNOWLEDGE FIND IT TO BE IN SUBSTANTIAL CONFORMANCE WITH THE APPROVED CERTIFIED PLANS AND STANDARD SPECIFICATIONS EXCEPT AS NOTED.

No.	Date	By	Ckd	Appr.	Revisions
2	10/07	DFT	MFM	MAA	RECORD DRAWINGS
1	05/08	ALD	MFM	MAA	ADDRESS SPOKANE CO. 2/10/06 COMMENTS

Drawn: SLB 02/01/08
Designed: MFM 02/01/08
Checked: MAA 02/01/08

FORM 2/1/07

The design improvements shown in this set of plans and specifications conform to the applicable sections of the Spokane County Standards for Road and Sewer Construction and the Spokane County Guidelines for Stormwater Management. A design deviations have been approved by the Spokane County Engineer approve these plans for construction.

Taylor Engineering, Inc.
Civil Design and Land Planning
Spokane, Washington 99202
(509) 328-3227 FAX (509) 328-0231

Owner's Approval: SUE URIAN McCOY SIGNATURE DATE 02/01/01

SPOKANE COUNTY PUBLIC WORKS
DIVISION OF ENGINEERING AND ROADS
W. 1026 Broadway Ave.
Spokane, Washington 99260-0170
477-3600

VERTICAL DATUM: [illegible]
CADD FILE NAME: [illegible]
SCALE: 50 25 0 50 100 FEET

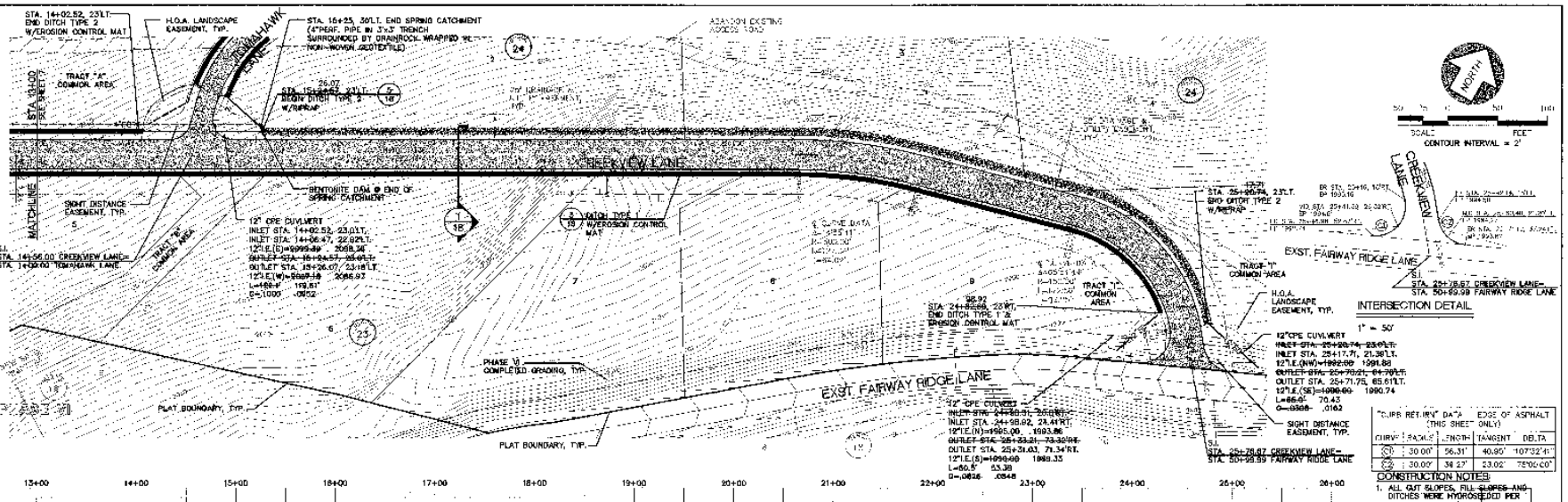
SCALE
HORIZ. 1"=80'
VERT. 1"=10'

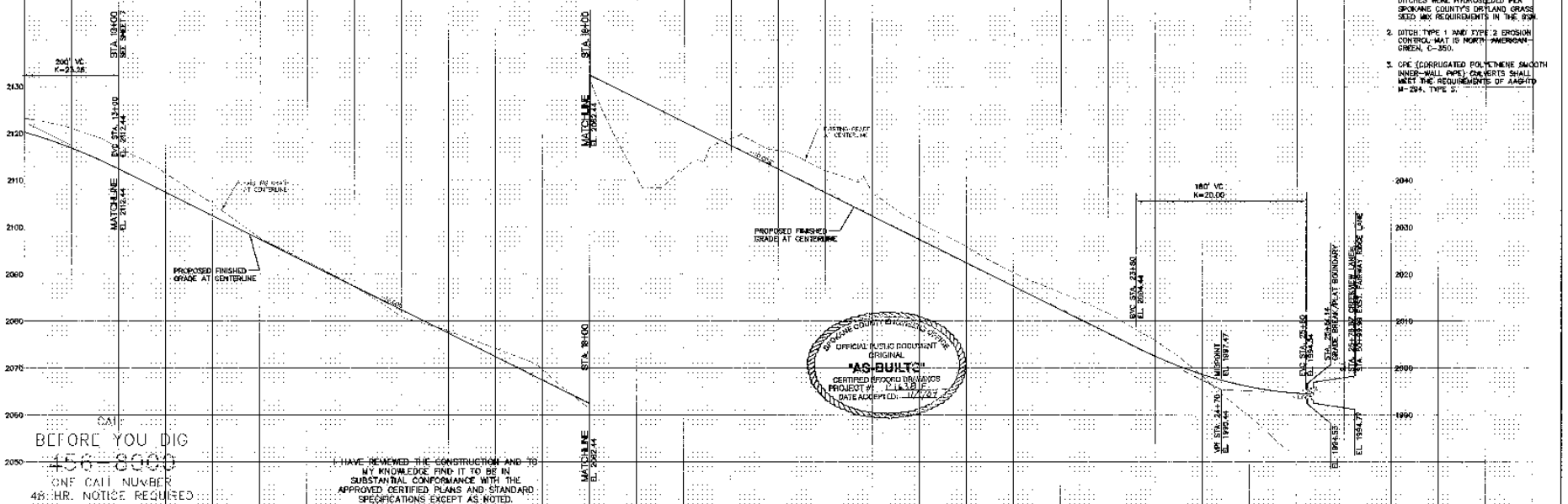
RIDGE AT HANGMAN PHASE VII

CREEKVIEW LANE
STA. 1+25.00 TO STA. 13+00.00

ROAD
SHEET 7/20

P1638F Eng As Built





OFFICIAL PUBLIC DOCUMENT
ORIGINAL
"AS-BUILTS"
CERTIFIED RECORD DRAWINGS
PROJECT #: 12-138-1E
DATE ADDED ON: 10/7/07

CALL
BEFORE YOU DIG
456-6000
ONE CALL NUMBER
48 HR. NOTICE REQUIRED

I HAVE REVIEWED THE CONSTRUCTION AND TO MY KNOWLEDGE FIND IT TO BE IN SUBSTANTIAL CONFORMANCE WITH THE APPROVED CERTIFIED PLANS AND STANDARD SPECIFICATIONS EXCEPT AS NOTED.

CONSTRUCTION NOTES:

1. ALL CUT SLOPES, FILL SLOPES AND DITCHES WERE HYDROSEEDED PER SPOKANE COUNTY'S DRYLAND GRASS SEED MIX REQUIREMENTS IN THE BSM.
2. DITCH TYPE 1 AND TYPE 2 EROSION CONTROL MAT IS NORTH AMERICAN GREEN, C-350.
3. CPE (CORRUGATED POLYETHENE SMOOTH INNER-WALL PIPE) CONVERTS SHALL MEET THE REQUIREMENTS OF AASHTO M-294, TYPE S.

"CURB RETURN" DATA (THIS SHEET ONLY)			EDGE OF ASPHALT	
CURVE	RADIUS	LENGTH	TANGENT	DELTA
C1	30.00'	56.31'	40.95'	107°32'41"
C2	30.00'	38.27'	23.02'	75°06'00"

No.	Date	By	Ckd	Appr.	Revisions
2	10/07	DF	MTV	MAA	RECORD DRAWINGS
1	05/06	ALB	MTV	MAA	ADDRESS SPOKANE CO COMMENTS

Drawn: ALB Date: 12/01/06
Designed: MTV 12/01/06
Checked: MAA 12/01/06

DF#3 201.09

This design improvements shown in this set of plans and specifications conform to the applicable criteria of the Spokane County Standards for Road and Sewer Construction and the Washington State Department of Ecology Stormwater Manual. All design deviations have been approved by the Spokane County Engineer. Approval these plans for construction.

Taylor Engineering, Inc.
Civil Design and Land Planning
8 The Mission Ave.
Spokane, Washington 99202
(509) 328-0371 FAX (509) 328-0923

SPOKANE COUNTY PUBLIC WORKS
DIVISION OF ENGINEERING AND ROADS
N. 1026 Broadway Ave.
Spokane, WA 99201-0170
477-3600

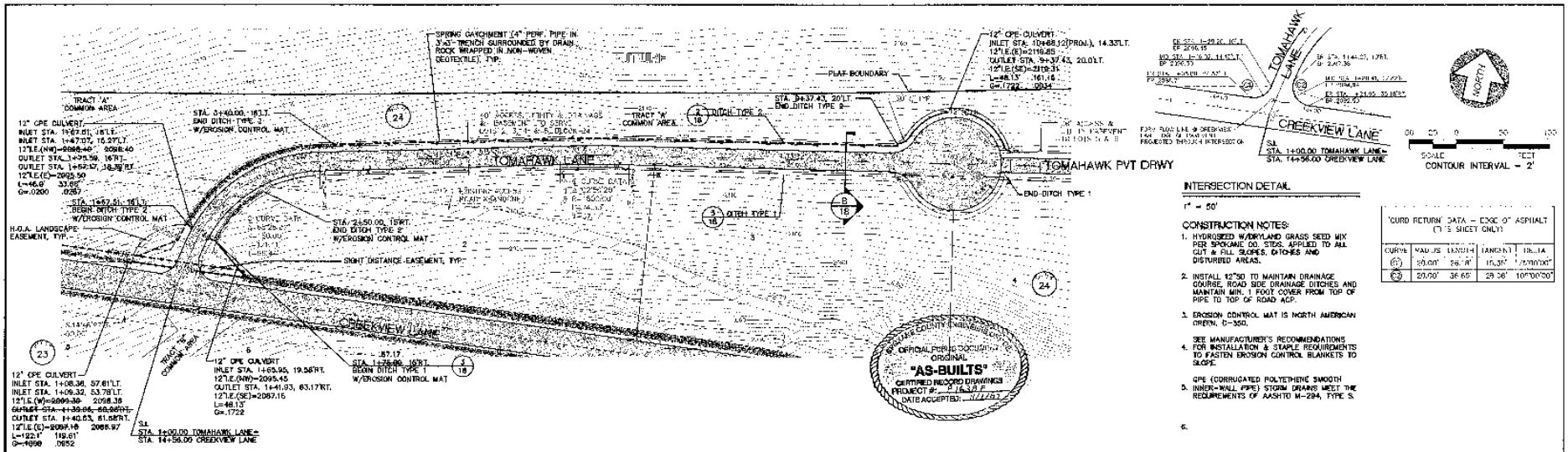
Owner's Approval: SEE BRIAN McCOY SIGNATURE LETTER Date: 02/21/01

VERTICAL DATUM: NGVD29 (1929 ADJ.) (NAVD 88 VIA ADJUSTMENT OF 1991 CORS SITES)
CADD FILE NAME: SPOKANE_COUNTY\ROAD
SCALE: HORZ. 1"=50' VERT. 1"=5'

RIDGE AT HANGMAN PHASE VII
CREEKVIEW LANE
STA. 13+00.00 TO STA. 25+76.67

ROAD
SHEET 8 / 20

P/16305 Eng Hs Bnd



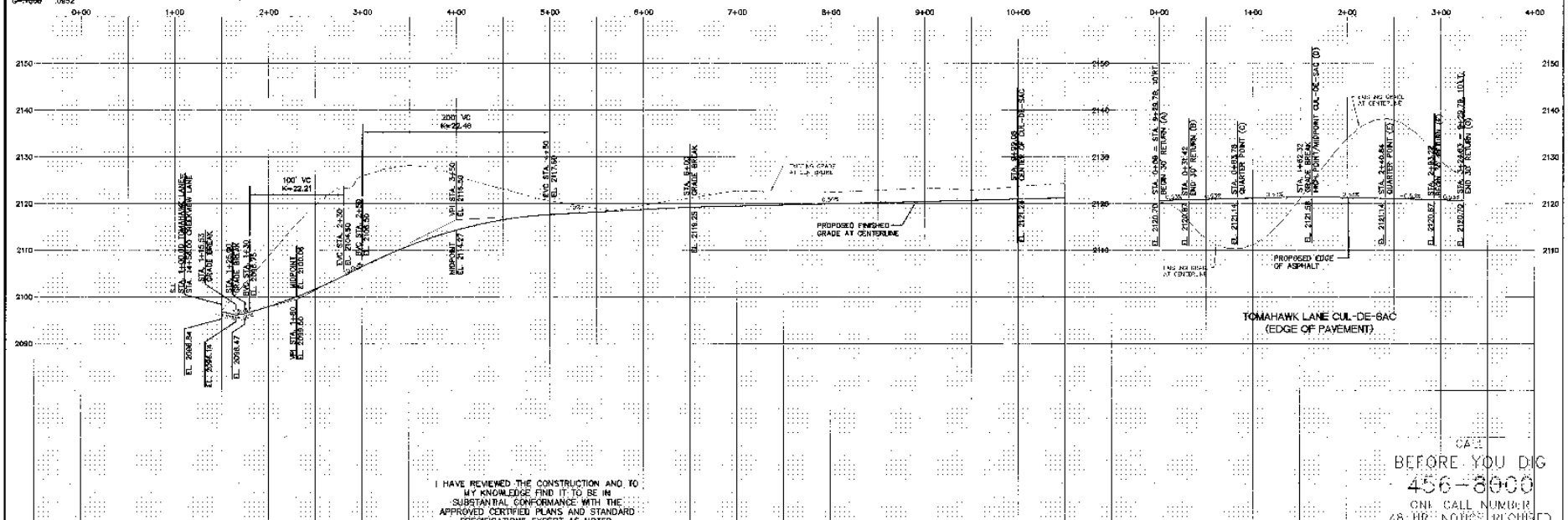
INTERSECTION DETAIL

1" = 50'

CONSTRUCTION NOTES:

1. HYDROSEED W/DRYLAND GRASS SEED MIX PER SPOKANE CO. STDS. APPLIED TO ALL CUT & FILL SLOPES, DITCHES AND DISTURBED AREAS.
2. INSTALL 12"S0 TO MAINTAIN DRAINAGE COURSE, ROAD SIDE DRAINAGE DITCHES AND MAINTAIN MIN. 1 FOOT COVER FROM TOP OF PIPE TO TOP OF ROAD ACP.
3. EROSION CONTROL MAT IS NORTH AMERICAN GREEN, C-350.
   SEE MANUFACTURER'S RECOMMENDATIONS FOR INSTALLATION & STAPLE REQUIREMENTS TO FASTEN EROSION CONTROL BLANKETS TO SLOPE.
4. CPE (CORRUGATED POLYETHENE SMOOTH INNER-WALL PIPE) STORM DRAINS MEET THE REQUIREMENTS OF AASHTO M-294, TYPE S.
5.
6.

'CURB RETURN' DATA - EDGE OF ASPHALT (TYP. SHEET ONLY)				
CURVE	RADIUS	LENGTH	TANGENT	DELTA
(C1)	20.00'	26.18'	16.36'	75°00'00"
(C2)	20.00'	36.65'	29.38'	105°00'00"



I HAVE REVIEWED THE CONSTRUCTION AND, TO MY KNOWLEDGE FIND IT TO BE IN SUBSTANTIAL CONFORMANCE WITH THE APPROVED CERTIFIED PLANS AND STANDARD SPECIFICATIONS EXCEPT AS NOTED.

CALL BEFORE YOU DIG 456-3000 ONE CALL NUMBER 48 HR. NOTICE REQUIRED

No.	Date	By	Ckd.	Appr.	Revisions
2	10/07	JFT	WFM	MAA	RECORD DRAWINGS
1	05/06	ALD	WFM	MAA	ADDRESS SPOKANE CO. 2/10/06 COMMENTS

Drawn: JLB Date: 12/31/05
Designed: WFM 02/13/06
Checked: MAA 12/31/05

EXPIRES 3/31/07

The design improvements shown in this set of plans and calculations conform to the applicable editions of the Spokane County Standards for Roads and Sewer Construction and the Spokane County Guidelines for Stormwater Management. All design exceptions have been approved by the Spokane County Engineer. I approve these plans for construction.

Taylor Engineering, Inc.
Civil Design and Land Planning
W. 108 Broadway Ave.
Spokane, Washington 99201
(509) 838-0371 FAX (509) 838-0934

SPOKANE COUNTY PUBLIC WORKS
DIVISION OF ENGINEERING AND ROADS
W. 1026 Broadway Ave.
Spokane, Wa. 99260-0170
477-3600

Owner's Approval: SEE STAMP AND SIGNATURE LETTER Date: 02/01/06

VERTICAL DATUM: IN CONFORMANCE WITH BOUNDARY OF CUL-DE-SAC LANE STA. 1+00.00 TO STA. 1+56.00 (EDGE OF PAVEMENT) AND TRACT "A" COMMON AREA, BOUNDARY EL. 2096.00 (EDGE OF PAVEMENT)

CADD FILE NAME: D:\SWBLIB\DOT-93.DWG

SCALE: 50 25 0 50 100 FEET

SCALE: HORZ. 1"=50' VERT. 1"=10'

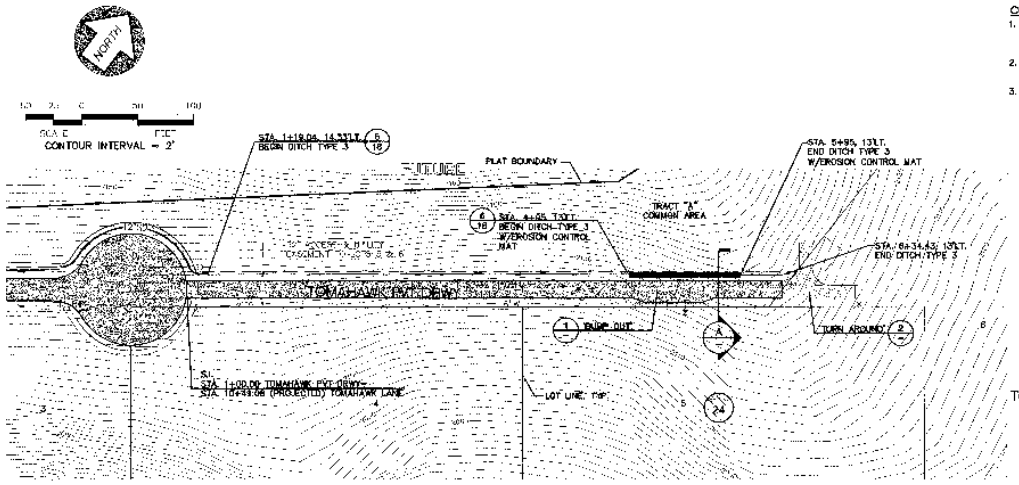
RIDGE AT HANGMAN PHASE VII

TOMAHAWK LANE
STA. 1+00.00 TO STA. 9+99.08

ROAD

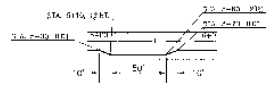
SHEET 9 / 20

1163F Eng. Bulletin

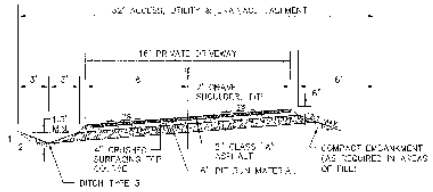


CONSTRUCTION NOTES:

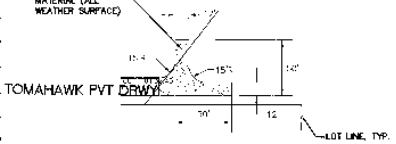
1. HYDROSEED W/DRYLAND GRASS SEED MIX PER SPOKANE CO. STDS. APPLIED TO ALL CUT & FILL SLOPES AND DISTURBED AREAS.
2. EROSION CONTROL MAT IS NORTH AMERICAN GREEN'S, C-350.
3. SEE MANUFACTURER'S RECOMMENDATIONS FOR INSTALLATION & STAPLE REQUIREMENTS TO FASTEN EROSION CONTROL BLANKETS TO SLOPE.



1 'BUMP OUT' DETAIL
1"=50'

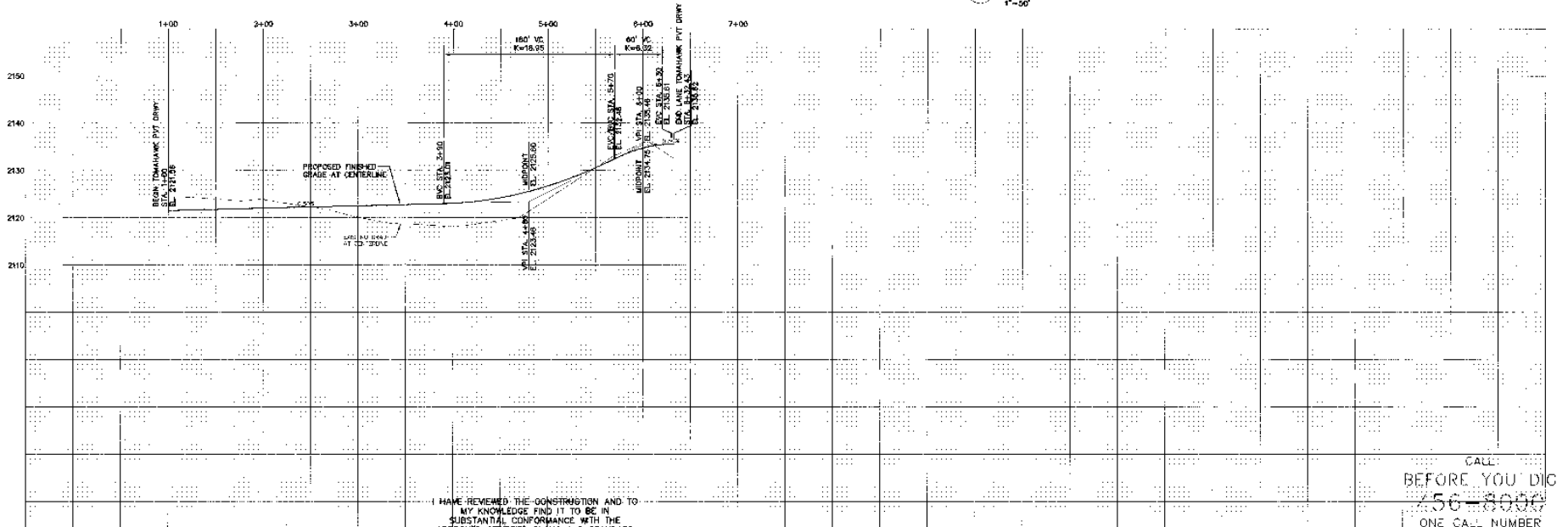


A TOMAHAWK PVT DRWY - SECTION
NOT TO SCALE



2 'TURN AROUND' DETAIL
1"=50'

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT
ORIGINAL
"AS-BUILTS"
CERTIFIED RECORD DRAWINGS
PROJECT #: P-1438F
DATE ACCEPTED: 07/07/03



I HAVE REVIEWED THE CONSTRUCTION AND TO MY KNOWLEDGE FIND IT TO BE IN SUBSTANTIAL CONFORMANCE WITH THE APPROVED CERTIFIED PLANS AND STANDARD SPECIFICATIONS EXCEPT AS NOTED.

CALL
BEFORE YOU DIG
456-8000
ONE CALL NUMBER
48 HR. NOTICE REQUIRED

No.	Date	By	Ckd.	Appr.	Revisions
2	10/27	DXT	MPM	MAA	RECORD DRAWINGS
1	05/06	AJB	MPM	MAA	ADDRESS SPOKANE CO. 2/10/06 CUMENTS

Drawn AJB Date 03/01/05
Designed MPM 04/21/05
Checked MAA 10/27/05

PORTS OF WASHINGTON

The design improvements shown hereon shall be in accordance with, and to the applicable editions of the Spokane County Standards for Roads and Sewer Construction and the Spokane County Guidelines for Stormwater Management. All design conditions have been approved by the Spokane County Engineer. Inspection items points for construction

Taylor Engineering, Inc.
Civil Design and Land Planning
Spokane, Washington 99201
(509) 328-6123 FAX (509) 328-6024

Owner's Approval SEE ORIGINAL MYLAR FOR SIGNATURE Date 02/07/01

SPOKANE COUNTY PUBLIC WORKS
DIVISION OF ENGINEERING AND ROADS
N. 1026 Broadway Ave.
Spokane, Wa. 99260-0170
477-3600

VERTICAL DATUM
CAD FILE NAME: 03138 INTERIM 03.DWG

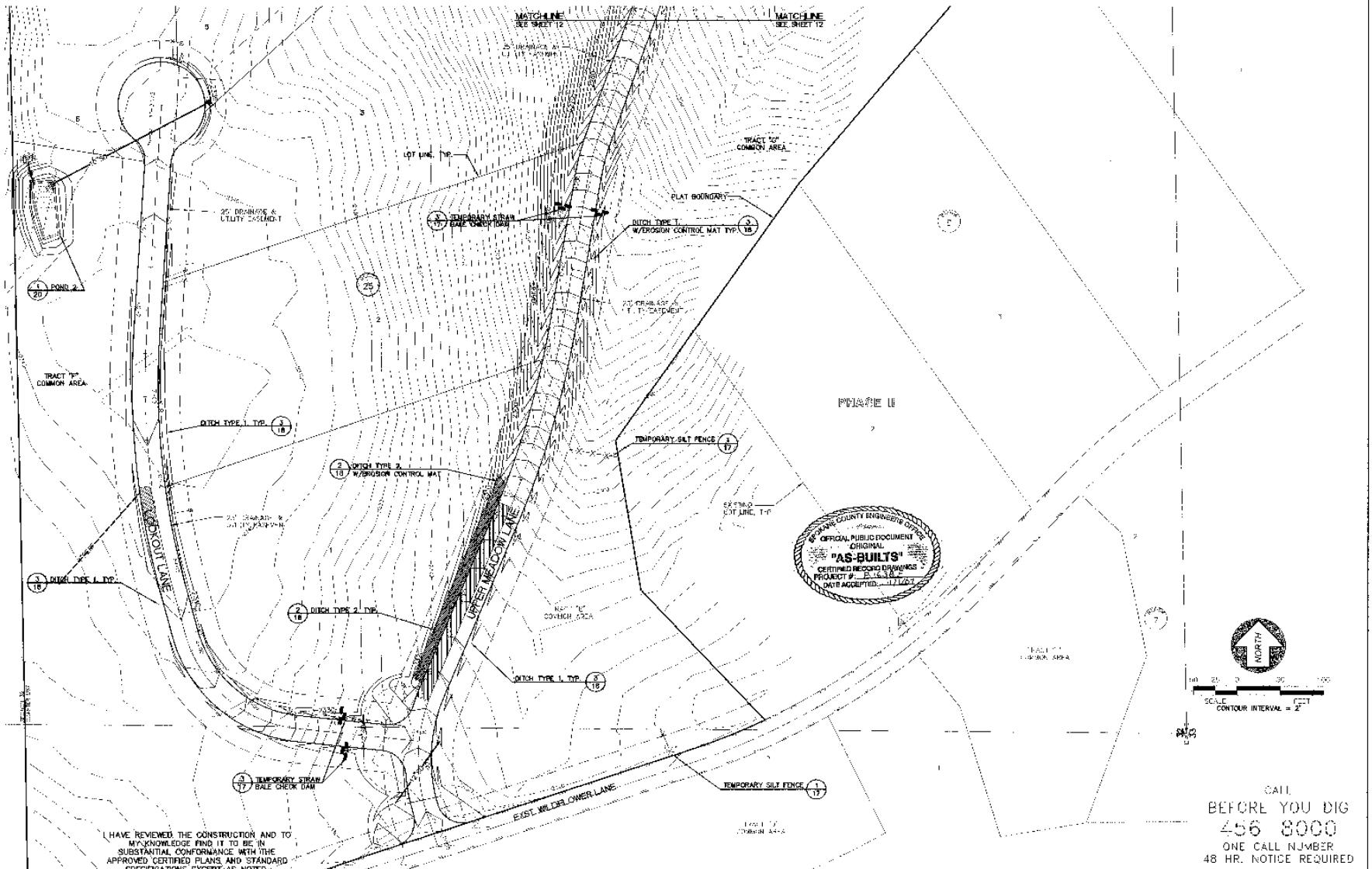
SCALE
HORIZ. 1"=50'
VERT. 1"=10'

RIDGE AT HANGMAN PHASE VII

TOMAHAWK PVT DRWY
STA. 1+00.00 TO STA. 6+32.43

ROAD
SHEET 10 / 20

P-1438F Eng As-Builts



I HAVE REVIEWED THE CONSTRUCTION AND TO MY KNOWLEDGE FIND IT TO BE IN SUBSTANTIAL CONFORMANCE WITH THE APPROVED CERTIFIED PLANS, AND STANDARD SPECIFICATIONS EXCEPT AS NOTED.

CALL BEFORE YOU DIG 456 8000 ONE CALL NUMBER 48 HR. NOTICE REQUIRED

No.	Date	By	Ckd	Appr.	Revisions
2	0/07	DFT	MFW	MAA	RECORD DRAWINGS
1	05/06	AHB	MFW	MAA	ADDED SPOKANE CO. 2/10/06 COMMENTS

Drawn AW 02/01/05
Designed MFW 02/01/05
Checked MAA 02/01/06

CERTIFICATE OF ENGINEERING

The design improvements shown in this set of plans and calculations conform to the applicable rules 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.

Taylor Engineering, Inc.
Civil Design and Land Planning
N. 108 Stevens Ave.
Spokane, Washington 99201
(509) 328 3371 FAX (509) 328 8254

Owner's Approval SEE "AS AND RECORD" SIGNATURE LETTER Date 02/01/06

SPOKANE COUNTY PUBLIC WORKS
DIVISION OF ENGINEERING AND ROADS
N. 1026 Hamilton Ave.
Spokane, Wa. 99260-0170
477-3600

VERTICAL DATUM: NGVD 29 (ASSUMED BENCH MARK ELEVATION OF 2000.00 FEET AT THE NORTHEAST CORNER OF SECTION 36 T 26 N R 42 E W.M. GEODETIC EL. 2000.00 ELEV. NO.)

CADD FILE NAME: 3500GRDCS.DWG

50 25 0 50 100
SCALE FEET

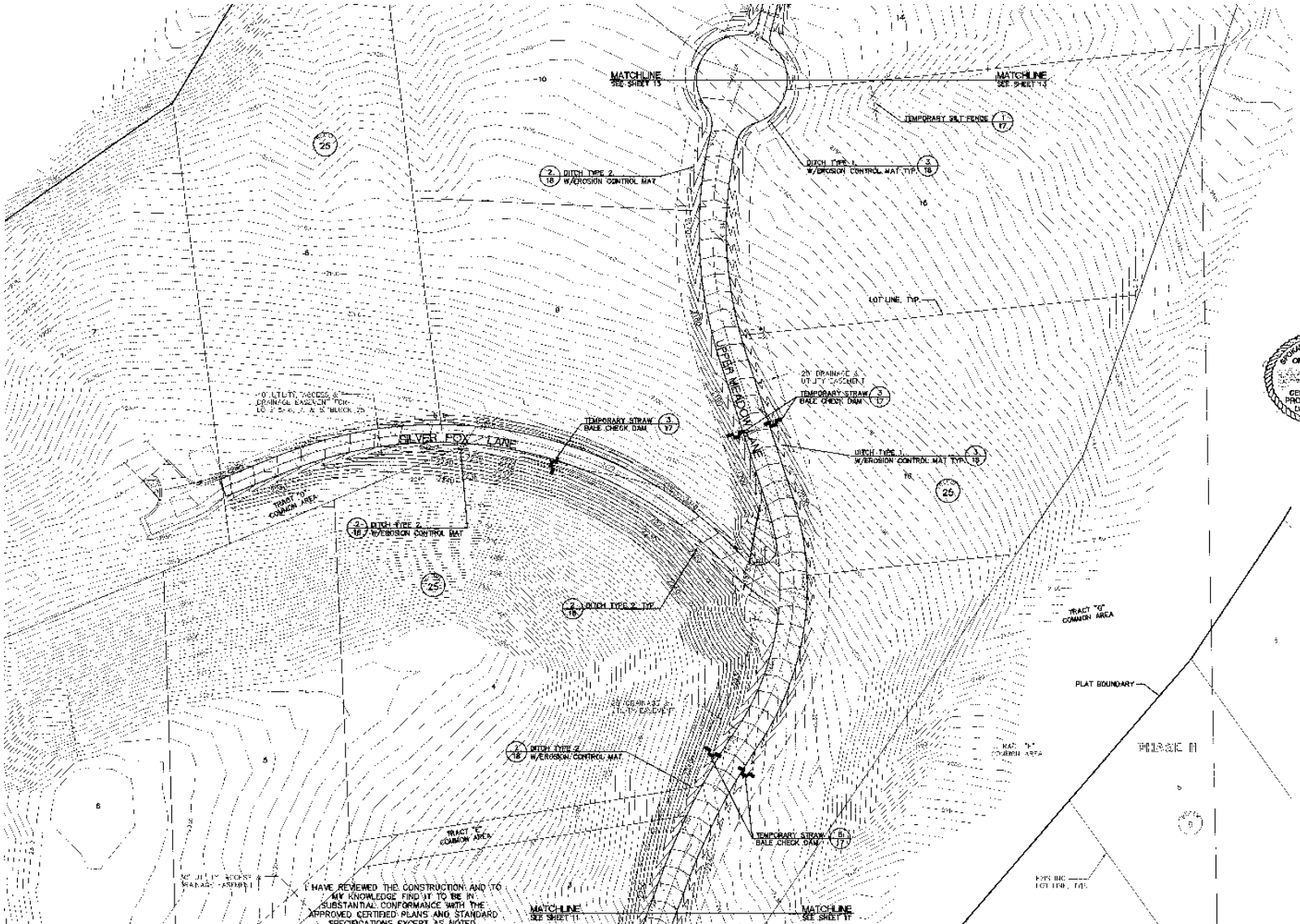
SCALE
HORIZ. 1"=50'
VERT. 1"=10'

RIDGE AT HANGMAN PHASE VII

LOOKOUT LANE and UPPER MEADOW LANE - SOUTH GRADING and EROSION/SEDIMENT CONTROL PLAN

GRADING SHEET 11 / 20

P-16385 Orig. As-Builts



SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT
ORIGINAL
"AS-BUILTS"
CERTIFIED RECORD DRAWINGS
PROJECT #: P-16388
DATE ACCEPTED: 11/11/02

I HAVE REVIEWED THE CONSTRUCTION AND TO MY KNOWLEDGE FIND IT TO BE IN SUBSTANTIAL CONFORMANCE WITH THE APPROVED CERTIFIED PLANS AND STANDARD SPECIFICATIONS EXCEPT AS NOTED.

CALL
BEFORE YOU DIG
456-8000
ONE CALL NUMBER
48 HR. NOTICE REQUIRED

No.	Date	By	Ckd.	Appr.	Revisions
2	10/07	JPT	MPM	MAA	RECORD DRAWINGS
1	05/06	ALB	MPM	MAA	ADDRESS SPOKANE CO. 2/10/06 COMMENTS

Drawn: ALB Date: 02/01/06
Designed: MPM 02/01/06
Checked: MAA 02/01/06

EXPIRES 12/31/06

The design improvements shown in this set of plans and calculations conform to the applicable criteria of the Spokane County Standards for Road and Sewer Construction and the Spokane County Guidelines for Stormwater Management. All septic restrictions have been approved by the Spokane County Sanitarian. I approve these plans for construction.

Taylor Engineering, Inc.
Land Surveying and Land Planning
W. 108 Division Ave.
Spokane, Washington 99201
(509) 458-2872 FAX (509) 458-9594

Owner's Approval: SEE SIGNED MODIFICATION LETTER Date: 02/01/06

SPOKANE COUNTY PUBLIC WORKS
DIVISION OF ENGINEERING AND ROADS
W. 1026 Broadway Ave.
Spokane, WA 99260-0170
477-3600

VERTICAL DATUM: NGVD 29 (ESTIMATED FROM SPOKANE COUNTY GIS DATA) CONVERSION TO NAVD 88 (ADD 2.00 FEET TO ELEVATIONS SHOWN HEREON)
CADD FILE NAME: 0528BUPD2.DWG
SCALE: 50 25 0 50 100

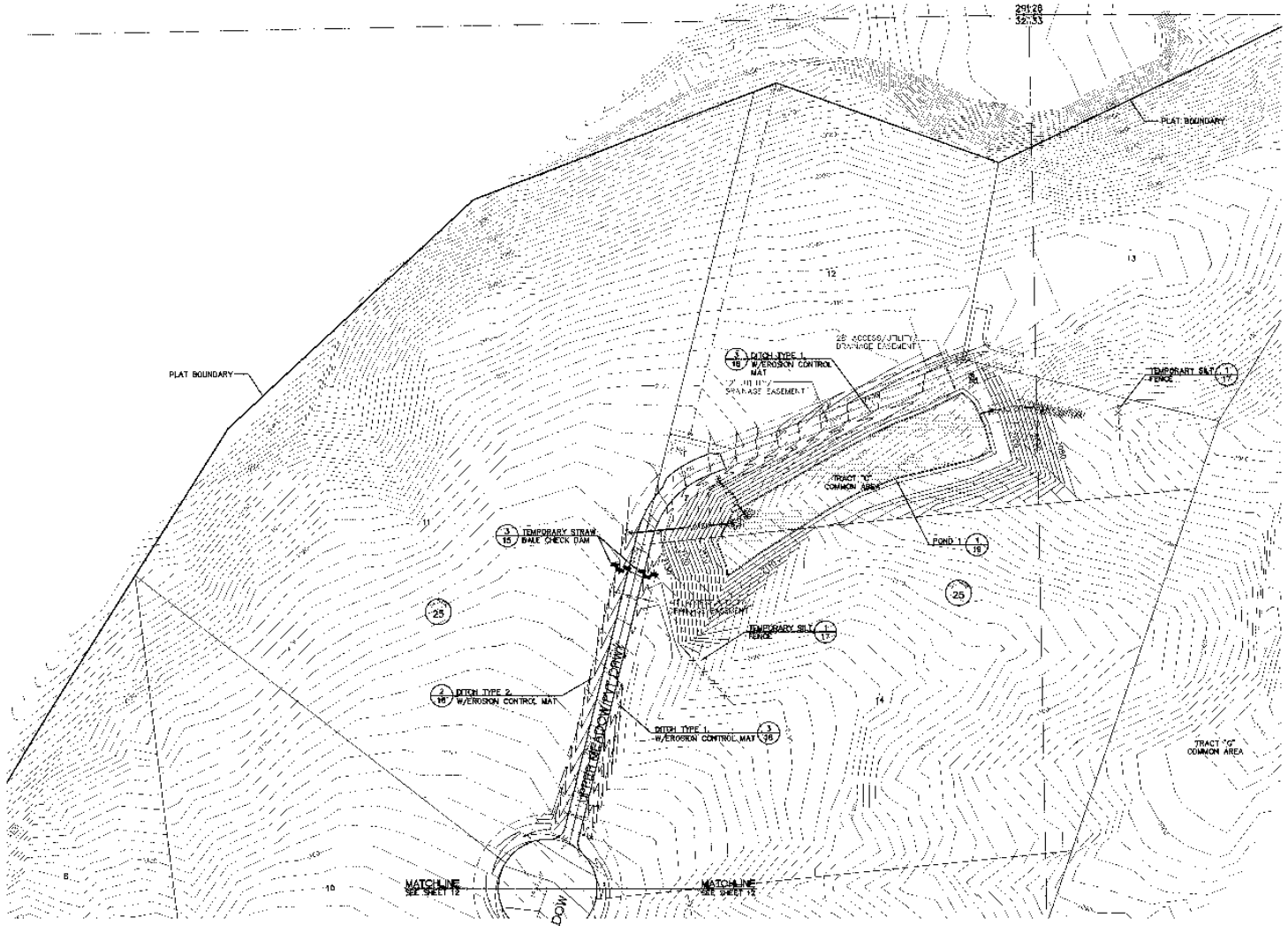
SCALE
HORZ. 1"=50'
VERT. 1"=10'

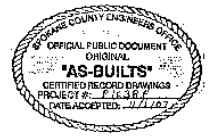
RIDGE AT HANGMAN PHASE VII

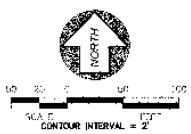
UPPER MEADOW LANE - NORTH and SILVER FOX PVT DRWY GRADING and EROSION/SEDIMENT CONTROL PLAN

GRADING SHEET 12/20

P-16388 Eng. As Built







CALL
BEFORE YOU DIG
456-8000
ONE CALL NUMBER
48 HR. NOTICE REQUIRED

I HAVE REVIEWED THE CONSTRUCTION AND TO MY KNOWLEDGE FIND IT TO BE IN SUBSTANTIAL CONFORMANCE WITH THE APPROVED CERTIFIED PLANS AND STANDARD SPECIFICATIONS EXCEPT AS NOTED.

No.	Date	By	Ckd.	Appr.	Revisions
2	10/02	NFT	MHM	MAA	RECORD DRAWINGS
1	05/06	AJB	MHM	MAA	ADDRESS SPOKANE CO. 2/10/06 COMMENTS

Drawn: AJB Date: 04/01/06
Designed: MHM 10/26/05
Checked: MAA 02/01/06

DATE 10/07

The design improvements shown in this set of plans and calculations conform to the applicable criteria of the Spokane County Standards for Road and Sewer Construction and the Spokane County Guidelines for Stormwater Management. All quality collection and logs approved by the Spokane County Engineer. I approve these plans for construction.

Taylor Engineering, Inc.
Civil Design and Land Planning
W. 308 Mission Ave.
Spokane, Washington 99201
(509) 838-5321 FAX (509) 838-8324

Owner's Approval SEE ORIGINAL MYLAR SIGNATURE FILTER Date 10/10/07

SPOKANE COUNTY PUBLIC WORKS
DIVISION OF ENGINEERING AND ROADS
W. 1026 Broadway Ave.
Spokane, Wn. 99260-0170
477-7600

VERTICAL DATUM IN USE: NGVD 29 (CONVERSION TO NAVD 88 USING NGS VERTICAL CORRECTOR VDCT2 IS 30.61 FEET) BASED ON PLAT OF HANGMAN RIDGE P.U.D. PHASE 6 (BOOK 30 PAGE 30)

CADD FILE NAME: 03308ER02.DWG
50 25 0 50 100
SCALE FEET

SCALE
HORIZ. 1"=50'
VERT. 1"=10'

RIDGE AT HANGMAN PHASE VII

UPPER MEADOW PVT DRWY
GRADING and EROSION/SEDIMENT CONTROL PLAN

GRADING
SHEET 13 / 20

P-1638F Eng As Built

I HAVE REVIEWED THE CONSTRUCTION AND AS-BUILT DRAWINGS AND, TO MY KNOWLEDGE, FIND IT TO BE IN SUBSTANTIAL CONFORMANCE WITH THE APPROVED CERTIFIED PLANS AND STANDARD SPECIFICATIONS EXCEPT AS NOTED.

No.	Date	By	Ck'd	Appr.	Revisions
2	10/07	DFT	VFW	MAA	RECORD DRAWINGS
1	09/06	AJN	VFW	MAA	AURORIS SPOKANE CO. 2/12/06 COMMENTS

Drawn JAW 02/01/06
Designed KLW 02/01/06
Checked JKA 02/01/06

LINE: 3/10/07

The design improvements shown in this set of plans and calculations conform to the requirements of the Spokane County Standards for Sound and Sewer Construction and the Spokane County Guidelines for Storm water Management. All design deviations have been approved by the Spokane County Engineer. I approve these plans for construction.

Taylor Engineering, Inc.
Civil, Design and Land Planning
N. 108 Division Ave.
Spokane, Washington 99201
(509) 326-8851 FAX (509) 326-8274

Owner's Approval SEE BRIAN McCOY SIGNATURE LETTER Date 02/01/06

SPOKANE COUNTY PUBLIC WORKS
DIVISION OF ENGINEERING AND ROADS
N. 1026 Broadway Ave
Spokane, WA 99201-1170
477-3700

VERTICAL DATUM: NGVD 1929 AT CENTERLINE OF QUAIL CREEK ROAD AND EAST FAIRWAY RIDGE LANE. ELEVATION OF FINISH GRADE MEAN TO THE NEAREST 0.1 FOOT ON PLAN DRAWINGS

CADD FILE NAME: 3850GRPR1.DWG

50 25 0 50 100
SCALE FEET

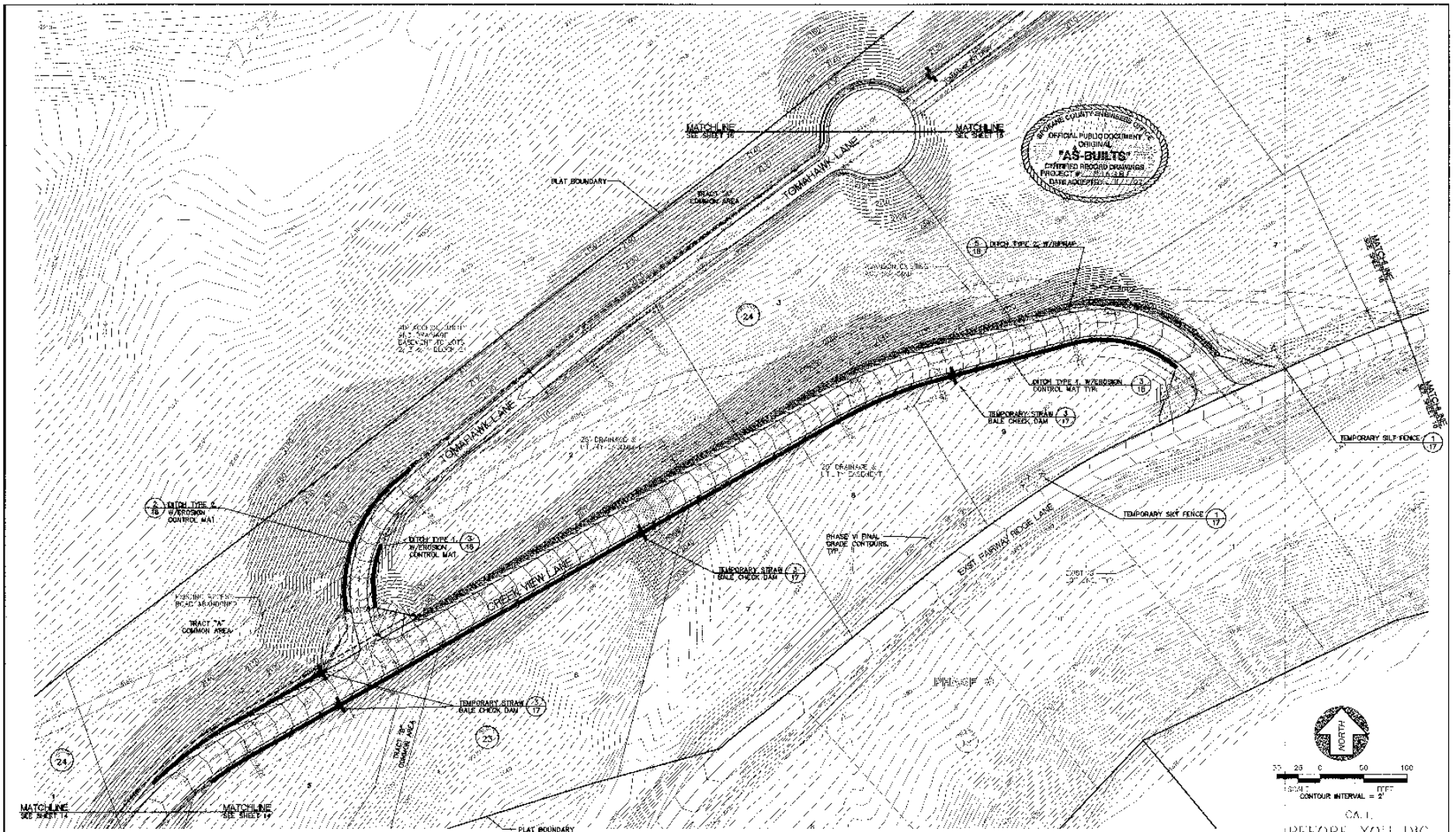
SCALE
HORIZ. 1"=50'
VERT. 1"=10'

RIDGE AT HANGMAN PHASE VII

CREEKVIEW LANE - SOUTH
GRADING and EROSION/SEDIMENT
CONTROL PLAN

GRADING
SHEET
14 / 20

P16385 Eng As-Built



CALL
BEFORE YOU DIG
456-8000
ONE CALL NUMBER
48 HR. NOTICE REQUIRED

I HAVE REVIEWED THE CONSTRUCTION AND TO MY KNOWLEDGE FIND IT TO BE IN SUBSTANTIAL CONFORMANCE WITH THE APPROVED CERTIFIED PLANS AND STANDARD SPECIFICATIONS EXCEPT AS NOTED.

No.	Date	By	Ckd.	Appr.	Revisions
2	10/97	SFT	WFM	MAA	RECORD DRAWINGS
1	05/06	ALB	WFM	MAA	ADDRESS SPOKANE CO. 9/26/06 COMMENTS

Drawn A.B. Date 08/1/05
Designed RLH 08/01/05
Checked MAA 08/01/06

DATE 8/1/07

No design or improvements shown in this set of plans have actually been constructed to the applicable editions of the Spokane County Standards for Road and Sewer Construction and the Spokane County Guidelines for Stormwater Management. All design conditions have been approved by the Spokane County Engineer. I approve these plans for construction.

Taylor Engineering, Inc.
Civil Design and Land Planning
W. 108 Broadway Ave.
Spokane, Washington 99201
(509) 327-1301 FAX (509) 327-1335

SPOKANE COUNTY PUBLIC WORKS
DIVISION OF ENGINEERING AND ROADS
N. 1025 Broadway Ave.
Spokane, Wa. 99260 (509)
477-3600

Owner's Approval SEE BRIAN McCOY SIGNATURE LETTER Date 12/6/11

VERTICAL DATUM: [illegible]
CADD FILE NAME: [illegible]
SCALE 1" = 20' 0 20' 40' 100'

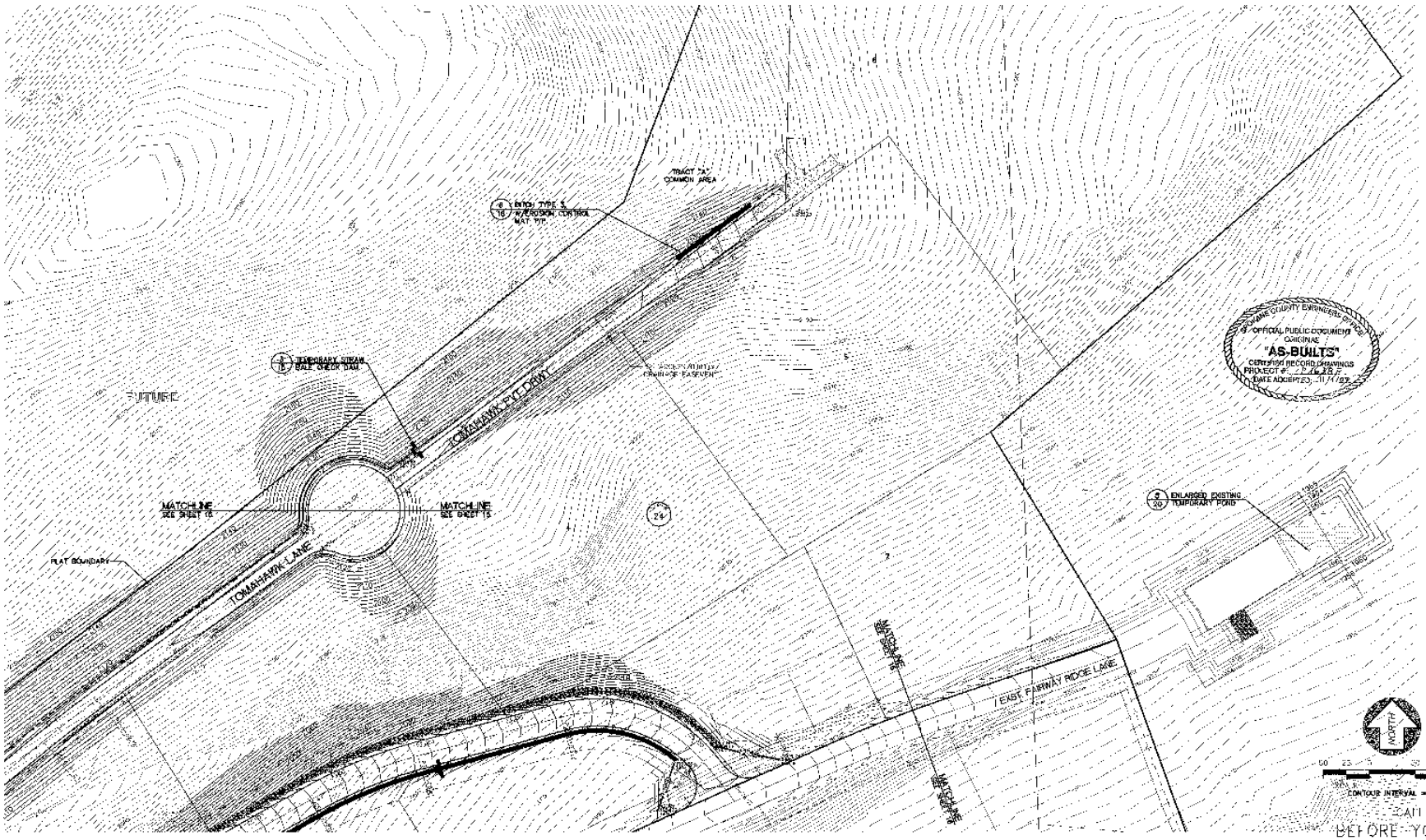
SCALE
HORIZ. 1"=50'
VERT. 1"=10'

RIDGE AT HANGMAN PHASE VII

CREEKVIEW LANE - NORTH and TOMAHAWK LANE GRADING and EROSION/SEDIMENT CONTROL PLAN

GRADING SHEET 15 / 20

P/G 3&F Eng As-Builts



CALL
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456-8000
ONE CALL NUMBER
(48 HR. NOTICE REQUIRED)

I HAVE REVIEWED THE CONSTRUCTION AND TO MY KNOWLEDGE FIND IT TO BE IN SUBSTANTIAL CONFORMANCE WITH THE APPROVED CERTIFIED PLANS AND STANDARD SPECIFICATIONS EXCEPT AS NOTED.

No.	Date	By	Chkd · Appr.	Revisions
2	10/07	DPT	VFM MAA	RECORD DRAWINGS
1	05/07	ALB	VFM MAA	ADDRESS REMAINING ITS 2/10/06 COMMENTS

Drawn: AJB Date: 02/01/06
Designed: RLA 02/01/06
Checked: MAA 02/01/06

LINES 24/09

The design improvements shown on this set of plans and adjacent are specific to the rule/scale editions of the Spokane County Standards for Road and Sewer Construction and the specific Locally Approved Variances for Minimum Improvements. All design deviations have been approved by the Spokane County Engineer. I approve these plans for construction.

Taylor Engineering, Inc.
Civil Design and Land Planning
N. 108 Division Ave.
Spokane, Washington 99202
(509) 326-3551 Fax (509) 326-8895

Owner's Approval SEE SIGNATURE LETTER Date 02/01/07

SPOKANE COUNTY PUBLIC WORKS
DIVISION OF ENGINEERING AND ROADS
N. 1026 Broadway Ave.
Spokane, Wash. 99201 (509) 477-7600

VERTICAL DATUM: BASED ON THE NGVD 29 DATUM, CONVERTED TO NAVD 88 USING CORPS OF ENGINEERS, CORPS CONVERSION SOFTWARE, VERTICAL DATUM OFFSET TABLE, SPOKANE VICINITY, WASHINGTON (9-94-0)

CADD FILE NAME: 06SSRFDTL.DWG

50 25 0 50 100
SCALE FEET

SCALE
HORIZ. 1"=30'
VERT. 1"=10'

RIDGE AT HANGMAN PHASE VII

TOMAHAWK LANE PVT DRWY
GRADING and EROSION/SEDIMENT
CONTROL PLAN

GRADING SHEET 16 / 20

R 16 38 F Eng As Built

EROSION CONTROL NOTES:

1. AN EROSION/SEDIMENT CONTROL (ESC) PLAN IS REQUIRED FOR THIS PROJECT. IMPLEMENTATION OF THE ESC PLAN, AND CONSTRUCTION, MAINTENANCE AND UPGRADING OF THE ESC FACILITIES ARE THE RESPONSIBILITY OF THE DEVELOPER UNTIL ALL CONSTRUCTION IS COMPLETED AND ACCEPTED BY SPOKANE COUNTY OR UNTIL VEGETATION IS ESTABLISHED THROUGHOUT THE SITE AND ACCEPTED BY SPOKANE COUNTY, WHICHEVER IS LATER.
2. APPROVAL OF THE ESC PLAN DOES NOT CONSTITUTE APPROVAL OF ANY OF THE PROPOSED ROAD, STORM DRAINAGE, GRADING OR UTILITY DESIGN ELEMENTS SHOWN ON THE ESC PLAN.
3. THE EROSION/SEDIMENTATION CONTROL MEASURES SHOWN ARE THE MINIMUM REQUIREMENTS FOR THE ANTICIPATE SITE CONDITIONS. THE CONTRACTOR SHALL INSPECT AND MAINTAIN THESE ESC MEASURES DAILY AND SHALL MAINTAIN AND UPGRADE THESE MEASURES AS NECESSARY TO PREVENT SEDIMENT-LADEN WATER FROM EITHER FLOWING OFF THE SITE OR INTO NEW/EXISTING STORM DRAINAGE FACILITIES, SUCH AS DRYWELLS, CULVERTS, OR GRAVEL GALLERIES.
4. THE CONTRACTOR/DEVELOPER IS RESPONSIBLE FOR INSTALLING ROCK CONSTRUCTION ENTRIES AT ANY AND ALL LOCATIONS USED TO ENTER OR EXIT THE PROJECT SITE. ACCESS FOR CONSTRUCTION VEHICLES SHOULD BE LIMITED TO ONE ROUTE WHENEVER POSSIBLE. CONTROL FACILITIES WILL BE MAINTAINED WHILE CONSTRUCTION IS IN PROGRESS, MOVED WHEN NECESSARY AND REMOVED WHEN THE SITE IS PAVED.
5. CONTRACTOR TO PREVENT AGAINST SEDIMENTATION BY INSTALLING GEOTEXTILE FABRIC BETWEEN THE RIM AND GRATE OF DRYWELLS, CATCH BASINS AND INLETS UNTIL SUCH TIME THE VEGETATION ON THE SITE IS ESTABLISHED AND THE THREAT OF SEDIMENT DEPOSITION INTO THE DRAINAGE SYSTEM IS MITIGATED.
6. AT ALL TIMES DURING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR PREVENTING AND CONTROLLING EROSION DUE TO WIND AND RUNOFF. CONTRACTOR IS RESPONSIBLE FOR SUPPRESSION OF DUST IN CONFORMANCE WITH SCAPCA REGULATIONS. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING THE EROSION CONTROL FACILITIES SHOWN AS A MINIMUM.
7. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED DUE TO UNFORESEEN PROBLEMS OR IF THE PLAN DOES NOT FUNCTION AS INTENDED. THE INTENT IS TO KEEP SEDIMENT ON THE PROJECT SITE AND NOT ALLOW IT TO REACH ADJACENT PROPERTIES, WATER BODIES, AND PUBLIC OR PRIVATE ROADS.
8. CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL PERMANENT AND DOWNSTREAM STORMWATER MANAGEMENT FACILITIES DURING CONSTRUCTION AND FOR CLEANING DRAINAGE AND EROSION CONTROL FACILITIES AS REQUIRED. STREETS SHALL BE KEPT CLEAN OF DEBRIS FROM TRAFFIC FROM THE SITE.
9. THE CONTRACTOR SHALL COORDINATE WITH OWNER TO DESIGNATE AND POST A LOCATION FOR A SLURRY PIT WHERE CONCRETE TRUCKS AND EQUIPMENT CAN BE WASHED OUT. SLURRY PITS SHALL NOT BE LOCATED IN, NOR DRAIN INTO A SWALE, DRAINAGE AREA, STORMWATER FACILITY OR WATER BODY, EITHER EXISTING OR PROPOSED. HARDENED WASH CONCRETE SHALL BE BROKEN UP AND REMOVED FROM THE SITE.
10. CONTRACTOR SHALL COORDINATE WITH OWNER TO IDENTIFY A LOCATION FOR STORAGE/STOCKPILE AREAS (WITHIN THE PROPOSED ESC PLAN BOUNDARIES) FOR ANY SOIL, EARTHEN AND LANDSCAPE MATERIAL THAT IS TO BE USED ON-SITE.
11. CONTRACTOR SHALL BE RESPONSIBLE TO MAINTAIN ALL EROSION AND SEDIMENT CONTROL BMP's DURING ALL LAND-DISTURBING ACTIVITIES. CONTRACTOR SHALL INSPECT ALL EROSION CONTROL STRUCTURES AFTER EVERY RAINFALL EVENT, REMOVE DEBRIS AND SEDIMENT AND MAKE NEEDED REPAIRS.
12. REMOVED SEDIMENT SHALL BE DEPOSITED IN AN AREA THAT WILL NOT CONTRIBUTE SEDIMENT OFF-SITE AND CAN BE PERMANENTLY STABILIZED.
13. CONTRACTOR SHALL FIELD IDENTIFY AND DELINEATE ALL CLEARING LIMITS, SENSITIVE/CRITICAL AREAS, BUFFERS, TREES TO BE PRESERVED AND DRAINAGE COURSES.
14. CONSTRUCTION OF ALL EROSION AND SEDIMENT CONTROL DEVICES SHALL BE IN PLACE PRIOR TO THE START OF OTHER LAND DISTURBING ACTIVITIES.
15. ALL AREAS DISTURBED DURING CONSTRUCTION AND NOT RECEIVING PAVEMENT, GRAVEL, OR LANDSCAPE TREATMENT SHALL BE STABILIZED BY APPLICATION OF A HYDROSEED MIXTURE OF DRYLAND GRASS SEED.
16. EROSION CONTROL STRUCTURES BELOW SODDED OR RIP RAPPED AREAS MAY BE REMOVED ONCE SOD AND FINAL LANDSCAPING IS IN PLACE. EROSION CONTROL STRUCTURES BELOW SEEDED AREAS MUST REMAIN IN PLACE UNTIL THE ENTIRE AREA HAS ESTABLISHED A MATURE COVERING OF HEALTHY VEGETATION. EROSION CONTROL IN PROPOSED PAVED AREAS SHALL REMAIN IN PLACE UNTIL PAVEMENT IS COMPLETE.
17. ALL TEMPORARY SEDIMENT CONTROL BMP's SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION OR AFTER THE TEMPORARY BMP's ARE NO LONGER NEEDED.
18. CONTRACTOR SHALL CONTROL ALL ON-SITE POLLUTANTS OTHER THAN SEDIMENT IN A MANNER THAT DOES NOT CAUSE CONTAMINATION OF STORMWATER OR GROUNDWATER.
19. THIS PLAN IS ONLY TO BE USED FOR INSTALLATION OF EROSION CONTROL FACILITIES. DO NOT USE THIS PLAN FOR GRADING OR STORM SEWER CONSTRUCTION.
20. ALL PONDS AND DISTURBED AREAS SHALL BE SEEDED W/DRYLAND GRASS SEED MIX AS FOLLOWS (SPOKANE COUNTY STANDARD):

    DRYLAND SEED MIX REQUIREMENTS:

    GRASS SEED : PROVIDE FRESH, CLEAN, NEW CROP SEED COMPLYING WITH TOLERANCE OF PURITY AND GERMINATION ESTABLISHED BY THE OFFICIAL SEED ANALYSIS OF NORTH AMERICA.

    PROVIDE SEED MIXTURE COMPOSED OF GRASS SPECIES AND PERCENTAGES AS FOLLOWS:

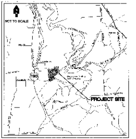
    10 PERCENT DRAWF (LOW GROWING) PERENNIAL RYE
    15 PERCENT REUBENS CANADIAN BLUEGRASS
    20 PERCENT DURAR HARD FESCUE
    45 PERCENT COVAR/SHEEP FESCUE

    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 STANDARD SPECIFICATIONS, SEC. 8-01.

PROPERTY OWNER:	SEABOARD WASHINGTON, L.P.
PERMIT APPLICANT:	SEABOARD WASHINGTON, L.P.
CONTACT PERSON AT PROJECT SITE:	BRIAN McCOY
PROJECT ADDRESS:	HIGHWAY 195 AND EXCELSIOR & STENTZ ROADS
PROJECT DESCRIPTION:	CONTINUATION OF SINGLE FAMILY RESIDENTIAL DEVELOPMENT INCLUDING PRIVATE ASPHALT ROADS AND A PRIVATELY OWNED WATER SYSTEM.
DESCRIPTION OF ESC MEASURES:	ESC MEASURES INCLUDE SILT FENCES, STRAW BALES, DROP INLET SEDIMENT BARRIERS AND GRAVEL CONTRUCTION ENTRANCE AND EXIT PADS.
DESCRIPTION OF EXISTING SITE VEGETATION:	AREAS CONTAINING THIN STAND WOODS MEADOW-TYPE AND BRUSH GROUND COVER.
LIST OF ON-SITE SOILS:	NaB- NARBLE SANDY LOAM SeE- SPEIGLE VERY STONY SILT LOAM BbB- BERNHILL SILT LOAM HoB- HESSELTINE SILT LOAM HsB- HESSELTINE STONY SILT LOAM
LEGAL DESCRIPTION:	SEE THIS SHEET



VICINITY MAP

LEGAL DESCRIPTION:

RIDGE @ HANGMAN PHASE VI

BEING ALL OF TRACT "E" PER P.U.D. PLAT OF THE RIDGE AT HANGMAN PHASE I, AS PER PLAT THEREOF RECORDED IN BOOK 24 OF PLATS, PAGES 10 THROUGH 15

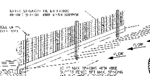
[illegible] PORTION OF SECTION 28, THE E.1/2 OF SECTION 29, AND THE N.W. 1/4 OF SECTION [illegible] BEGINNING AT THE NORTHEAST CORNER OF TRACT "F" (FAIRWAY RIDGE LANE), PER P.U.D. PLAT OF RIDGE AT HANGMAN PHASE VI, AS PER PLAT THEREOF RECORDED IN BOOK [illegible] OF PLATS, PAGES 24 THROUGH 27; THENCE ALONG THE NORTHERLY AND EASTERLY BOUNDARY OF SAID PHASE VI, THE FOLLOWING 19 COURSES:

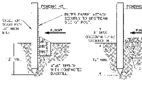
1. THE BEGINNING OF A CURVE TO THE RIGHT THE RADIUS OF WHICH BEARS N.25°15'0"E., A DISTANCE OF 465.00 FEET; THENCE ALONG SAID CURVE TO THE RIGHT, THROUGH A CENTRAL ANGLE OF 34°29'24", AN ARC DISTANCE OF 37.58 FEET;
2. [illegible] TO THE BEGINNING OF A CURVE TO THE LEFT [illegible]
3. ALONG SAID CURVE [illegible] THROUGH A CENTRAL ANGLE OF [illegible], AN ARC DISTANCE OF [illegible]
4. [illegible]
5. ALONG SAID CURVE TO THE LEFT THROUGH A CENTRAL ANGLE OF [illegible], AN ARC DISTANCE OF [illegible] TO THE BEGINNING OF A COMPOUND CURVE [illegible]
6. ALONG SAID COMPOUND CURVE THROUGH A COMPOUND CURVE, THROUGH A CENTRAL ANGLE OF [illegible], AN ARC DISTANCE OF 228.57 FEET.
7. [illegible] TO THE BEGINNING OF A CURVE TO THE RIGHT THE RADIUS OF WHICH BEARS N.10°03'12"W., A DISTANCE OF 333.00 FEET;
8. ALONG SAID CURVE TO THE RIGHT, THROUGH A CENTRAL ANGLE OF 07°06'53", AN ARC DISTANCE OF 25.60 FEET TO THE BEGINNING OF A REVERSE CURVE THE RADIUS OF WHICH BEARS [illegible], A DISTANCE OF 315.00 FEET;
9. ALONG SAID REVERSE CURVE, THROUGH A CENTRAL ANGLE OF [illegible], AN ARC DISTANCE OF 56.09 FEET;
10. [illegible]
11. S.[illegible]"W., 220.19 FEET;
12. [illegible] FEET;
13. [illegible]"W., 226.37 FEET;
14. [illegible]
15. N.[illegible]"W., [illegible] TO A POINT ON A CURVE TO THE LEFT THE RADIUS OF WHICH BEARS N.59°39'27"W., A DISTANCE OF 565.00 FEET.
16. ALONG SAID CURVE TO THE LEFT, THROUGH A CENTRAL ANGLE OF 10°27'52", AN ARC DISTANCE OF 103.53 FEET TO THE BEGINNING OF A REVERSE CURVE THE RADIUS OF WHICH BEARS S.73°16'19"E., A DISTANCE OF 363.00 FEET;
17. ALONG SAID REVERSE CURVE, THROUGH A CENTRAL ANGLE OF 07°51'15", AN ARC DISTANCE OF 40.36 FEET;
18. THENCE N.[illegible]"W., 30.00 FEET;
19. N.[illegible]"W., 426.21 FEET;

THENCE N.[illegible]"E., 244.43 FEET; THENCE [illegible], 26.30 FEET; THENCE [illegible], 267.50 FEET; THENCE [illegible], 247.43 FEET; THENCE [illegible], 247.40 FEET; THENCE [illegible], 3 6.44 FEET; THENCE [illegible], 277.73 FEET; THENCE N.20°56'29"E., 277.73 FEET, TO THE NORTH LINE OF THE N.W. 1/4 OF SAID SECTION 28; THENCE [illegible], ALONG SAID NORTH LINE, 329.65 FEET TO THE NORTH 1/4 CORNER OF SAID SECTION 28; THENCE [illegible], ALONG THE NORTH LINE OF THE N.E. 1/4 OF SAID SECTION 28, 341.36 FEET; THENCE [illegible], 150.55 FEET; THENCE [illegible], 600.37 FEET; THENCE [illegible], 254.47 FEET, TO THE POINT OF BEGINNING.

[illegible] ACS.

I HAVE REVIEWED THE CONSTRUCTION AND TO MY KNOWLEDGE FIND IT TO BE IN SUBSTANTIAL CONFORMANCE WITH THE APPROVED CERTIFIED PLANS AND STANDARD SPECIFICATIONS EXCEPT AS NOTED.





STANDARD DETAIL
TRENCH WITH NATIVE BACKFILL

ALTERNATE DETAIL
TRENCH WITH GRAVEL

NOTES:

1. INSPECT AND REPAIR FENCE AFTER EACH STORM EVENT AND REMOVE SEDIMENT WHEN NECESSARY.
2. REMOVED SEDIMENT SHALL BE DEPOSITED TO AN AREA THAT WILL NOT CONTRIBUTE SEDIMENT OFFSITE AND CAN BE PERMANENTLY STABILIZED.
3. SILT FENCE SHALL BE PLACED IN SLOPE CONTOURS TO MAXIMIZE PONDING EFFIECENCY EXACT LOCATIONS TO BE DETERMINED IN THE FIELD.

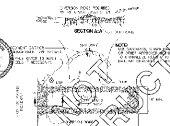
(1) 11-16 TEMPORARY SILT FENCE
NOT TO SCALE

LEGAL DESCRIPTION (CONT.):

BEGINNING ON THE NORTH RIGHT OF WAY LINE OF WILDFLOWER LANE PER P.U.D. PLAT OF THE RIDGE AT HANGMAN PHASE I, AS PER PLAT THEREOF RECORDED IN BOOK 22 OF PLATS, PAGES 10 THROUGH 16, AT THE SOUTHWEST CORNER OF TRACT "E" OF SAID PLAT OF RIDGE AT HANGMAN PHASE I; THENCE S.71°17'35"W., ALONG SAID NORTH RIGHT OF WAY LINE, 92.15 FEET TO THE BEGINNING OF A CURVE TO THE LEFT THE RADIUS OF WHICH BEARS S.18°12'25"E., A DISTANCE OF 880.00 FEET; THENCE ALONG SAID NORTH RIGHT OF WAY LINE AND CURVE TO THE LEFT, THROUGH A CENTRAL ANGLE OF 20°57'4", AN ARC DISTANCE OF 359.52 FEET TO THE BEGINNING OF A CURVE TO THE LEFT THE RADIUS OF WHICH BEARS S.30°13'05"E., A DISTANCE OF 5[illegible] FEET; THENCE ALONG SAID NORTH RIGHT OF WAY LINE AND SAID CURVE TO THE LEFT, THROUGH A CENTRAL ANGLE OF 09°13'23", AN ARC DISTANCE OF 85.[illegible] FEET TO THE EAST LINE OF TRACT "G" OF SAID PLAT OF THE RIDGE AT HANGMAN PHASE I; THENCE N.[illegible]W., ALONG THE EAST LINE OF SAID TRACT "G", [illegible] FEET; THENCE [illegible]"W., 1949.34 FEET;
THENCE N.[illegible]E., [illegible] FEET;
THENCE N.[illegible]E., 247.39 FEET;
THENCE N.[illegible], 330.86 FEET;
THENCE N.[illegible]E., 330.38 FEET;
THENCE N.65°48'15"E., 323.26 FEET;
THENCE [illegible], 538.76 FEET;
THENCE N.84°[illegible], 5.86 FEET;
THENCE S.58°[illegible]E., 60.00 FEET, TO THE WEST LINE OF TRACT "E" OF SAID PLAT OF THE RIDGE AT HANGMAN PHASE I; THENCE ALONG THE BOUNDARY OF SAID TRACT "E" THE FOLLOWING 18 COURSES:

1. THENCE [illegible], 20.00 FEET;
2. THENCE [illegible], [illegible] FEET;
3. THENCE [illegible], 464.28 FEET;
4. THENCE [illegible] TO THE [illegible] RIGHT OF WAY LINE OF WILDFLOWER LANE;
5. THENCE [illegible] ALONG SAID NORTH RIGHT OF WAY LINE [illegible];
6. THENCE [illegible]"W., 154.57 FEET;
7. THENCE [illegible]"W., 478.57 FEET;
8. THENCE [illegible]"W., 277.72 FEET;
9. THENCE [illegible]"W., 445.76 FEET;
10. THENCE [illegible]"W., 444.15 FEET;
11. THENCE [illegible]"W., 135.80 FEET;
12. THENCE [illegible]"W., 412.16 FEET;
13. THENCE [illegible]"W., 295.20 FEET;
14. THENCE [illegible]"W., 351.80 FEET;
15. THENCE [illegible], 135.38 FEET;
16. THENCE [illegible], 207.71 FEET, TO THE NORTH RIGHT OF WAY LINE OF [illegible] LANE AND A POINT ON A CURVE TO THE RIGHT THE RADIUS OF WHICH BEARS [illegible], A DISTANCE OF 295.00 FEET;
17. THENCE ALONG SAID NORTH RIGHT OF WAY LINE AND CURVE TO THE RIGHT, THROUGH A CENTRAL ANGLE OF [illegible], AN ARC DISTANCE OF 95.[illegible] FEET TO A POINT OF TANGENCY;
18. THENCE S.7[illegible]"W., ALONG SAID NORTH RIGHT OF WAY LINE, 312.75 FEET TO THE POINT OF BEGINNING.

[illegible] = 28.45 AC.



NOTE: USE SANDBAGS, STRAW BALES OR OTHER APPROVED METHODS TO CHANNELIZE RUNOFF TO NATURAL CHANNELS AS REQUIRED.

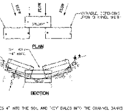
NOTES:

1. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.
2. WHEN NECESSARY, WHEELS SHALL BE CLEANED PRIOR TO ENTRANCE ONTO EXIST ASPHALT ROADWAYS.
3. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA THAT IS STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN.
4. ROCK CONSTRUCTION ENTRANCES TO BE PLACED AT UPPER MEADOW LANE AND CREEKVIEW LANE.

(2) 11-16 ROCK CONSTRUCTION ENTRANCE/EXIT
NOT TO SCALE

NOT CONSTRUCTED

SPOKANE COUNTY ENGINEERS OFFICE — OFFICIAL PUBLIC DOCUMENT ORIGINAL "AS-BUILTS" CERTIFIED RECORD DRAWINGS PROJECT #: P1638F DATE ACCEPTED: 11/1/07



NOTES:

1. EMBED BALES 4" INTO THE SOIL AND "KEY" BALES INTO THE CHANNEL BANKS.
2. PLACE BALES PERPENDICULAR TO THE FLOW WITH ENDS TIGHTLY ABUTTING. USE STRAW, ROCKS, OR FILTER FABRIC TO FILL ANY GAPS AND TAMP BACKFILL MATERIAL TO PREVENT EROSION OR FLOW AROUND BALES.
3. SPILLWAY HEIGHT SHALL NOT EXCEED 24".
4. INSPECT AFTER EACH SIGNIFICANT STORM, MAINTAIN AND REPAIR PROPERLY.

(3) 11-16 TEMPORARY STRAW BALE CHECK DAM
NOT TO SCALE

NOTE:
SEE SHEETS 11 THRU 16 FOR LOCATIONS OF TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES, I.E. SILT FENCES, STRAW BALE CHECK DAMS AND ROCK CONSTRUCTION ENTRANCE/EXITS.

CALL
BEFORE YOU DIG
456-8000
ONE CALL NUMBER
48 HR. NOTICE REQUIRED

No.	Date	By	Ckd	Appr.	Revisions
2	10/07	DEF	MFM	MAA	RECORD DRAWINGS
1	05/06	AJB	MFM	MAA	ADDRESS SPOKANE CO. 2/10/06 COMMENTS

Drawn	AJB — Date 02/01/06
Designed	MFM — 02/01/06
Checked	MAA — 02/01/06

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.

Taylor Engineering, Inc.
Civil Design and Land Planning
W. 106 Mission Ave.
Spokane, Washington 99201
(509) 328-3371 FAX (509) 328-8224

SPOKANE COUNTY PUBLIC WORKS
DIVISION OF ENGINEERING AND ROADS
W. 1026 Broadway Ave.
Spokane, Wa. 99260-0170
477-3600

Owner's Approval: PER BRIAN McCOY SIGNATURE LETTER Date 02/10/06

VERTICAL DATUM: [illegible]
CADD FILE NAME: 05036ESC.DWG
50 25 0 50 100
SCALE FEET

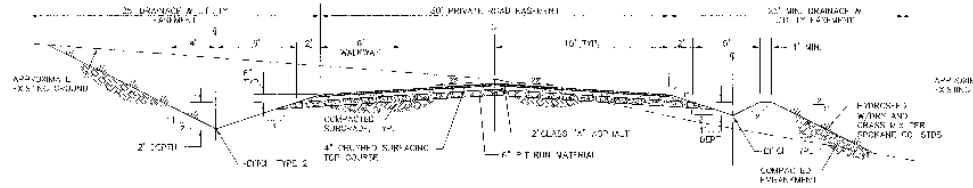
SCALE
HORIZ. 1"=50'
VERT. 1"=10'

RIDGE AT HANGMAN PHASE VII

TEMPORARY EROSION/SEDIMENT CONTROL PLAN DETAILS

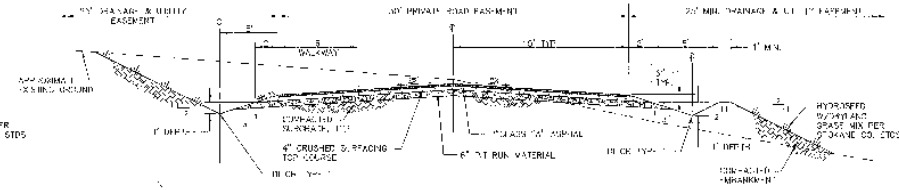
GRADING
SHEET
17 / 20

P1638F Eng As Builts



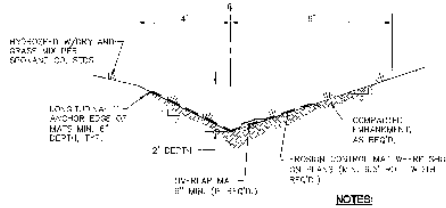
1 PRIVATE ROAD SECTION (CUT) - UPPER MEADOW LANE and CREEKVIEW LANE

NOT TO SCALE



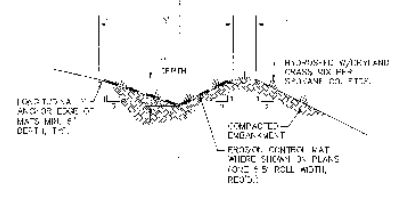
7 PRIVATE ROAD SECTION (CUT) - LOOKOUT LANE

NOT TO SCALE



2 DITCH TYPE 2 W/EROSION MAT

NOT TO SCALE



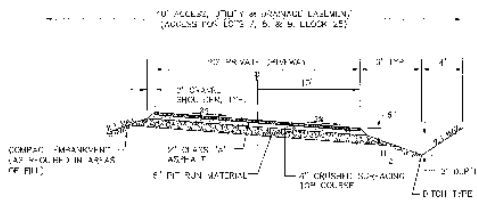
3 DITCH TYPE 1 W/EROSION MAT

NOT TO SCALE

NOTES:

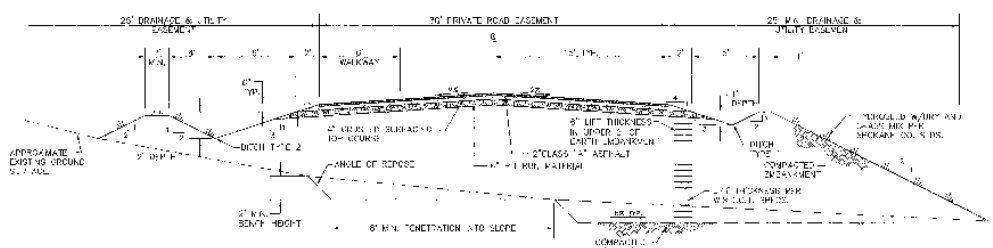
1. EROSION CONTROL MAT SHALL BE NORTH AMERICAN GREEN'S C350, OR APPROVED EQUAL
2. SEE MANUFACTURER'S RECOMMENDATION FOR INSTALLATION & STAPLE REQUIREMENTS TO FASTEN EROSION CONTROL MAT TO DITCH SLOPES.

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT
ORIGINAL
"AS-BUILTS"
CERTIFIED RECORD DRAWINGS
PROJECT #: P-1638 F
DATE ACCEPTED: 10/17/03



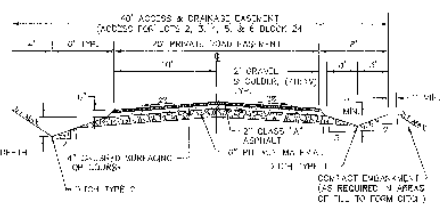
4 SILVER FOX LANE - SECTION

NOT TO SCALE



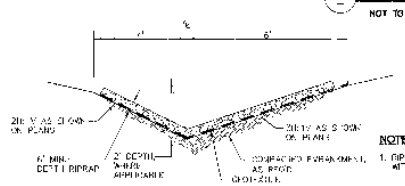
4 PRIVATE ROAD SECTION (FILL) - UPPER MEADOW LANE

NOT TO SCALE



8 PRIVATE ROAD SECTION - TOMAHAWK LANE

NOT TO SCALE



5 DITCH TYPE 2 W/RIPRAP

NOT TO SCALE

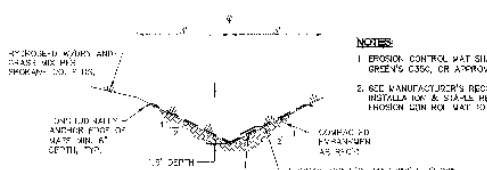
NOTES:

1. RIPRAP PADS SHALL BE INSTALLED 1.0' TO 0K WITH THE FOLLOWING GRADATION:

   40% TO 90% MAX. STONE SIZE=6" DIA.
   40% TO 90% MIN. STONE SIZE=4" DIA.
   10% TO 30% MIN. STONE SIZE=3" DIA

2. GEOTEXTILE SHALL BE INSTALLED UNDER RIPRAP AND SHALL BE AMOCO 4545, OR APPROVED EQUAL.

I HAVE REVIEWED THE CONSTRUCTION AND TO MY KNOWLEDGE FIND IT TO BE IN SUBSTANTIAL CONFORMANCE WITH THE APPROVED CERTIFIED PLANS AND STANDARD SPECIFICATIONS EXCEPT AS NOTED.



NOTES:

1. EROSION CONTROL MAT SHALL BE NORTH AMERICAN GREEN'S C350, OR APPROVED EQUAL
2. SEE MANUFACTURER'S RECOMMENDATION FOR INSTALLATION & STAPLE REQUIREMENTS TO FASTEN EROSION CONTROL MAT TO DITCH SLOPES.

6 DITCH TYPE 3 W/EROSION CONTROL MAT

NOT TO SCALE

No.	Date	By	Ckd.	Appr.	Revisions
2	10/07	SFT	MFM	MAK	RECORD DRAWINGS
1	05/06	AJB	MFM	MAK	ADDRESS SPOKANE CO. COMMENTS
0					5/10/01 CONSTRUCTION

Drawn: A.J.B. Date: 07/20/06
Designed: MFM 03/01/06
Checked: MAK 03/01/06

The design improvements shown in this set of plans and calculations conform to the applicable criteria of the Spokane County standards for Roads and Sewer Construction and the Spokane County Guidelines for Stormwater Management. All design conditions have been approved by the Spokane County Engineer. I approve these plans for construction.

Taylor Engineering, Inc.
Civil Design and Land Planning
126 Nevada Ave.
Spokane, Washington 99201
(509) 326-3271 FAX (509) 326-3554

SPOKANE COUNTY PUBLIC WORKS
DIVISION OF ENGINEERING AND ROADS
N. 1026 Broadway Ave.
Spokane, Wa. 99260-0170
477-3600

Owner's Approval: PER ERIAN VAGO SIGNATURE LETTER Date: 09/10/01

VERT. DATUM: USA USE 1929 (NGVD 29) CONTOURS OF MAJOR CROSS (MJ), SEC. BREAKS (APPROX. 50') SEC. OF PLANS & AND FIELD NOTES ARE "SEA LEVEL" DATUM

CADD FILE NAME: 0600MR-SETGHT 01.DWG

SCALE: 50 0 25 50 100 FEET

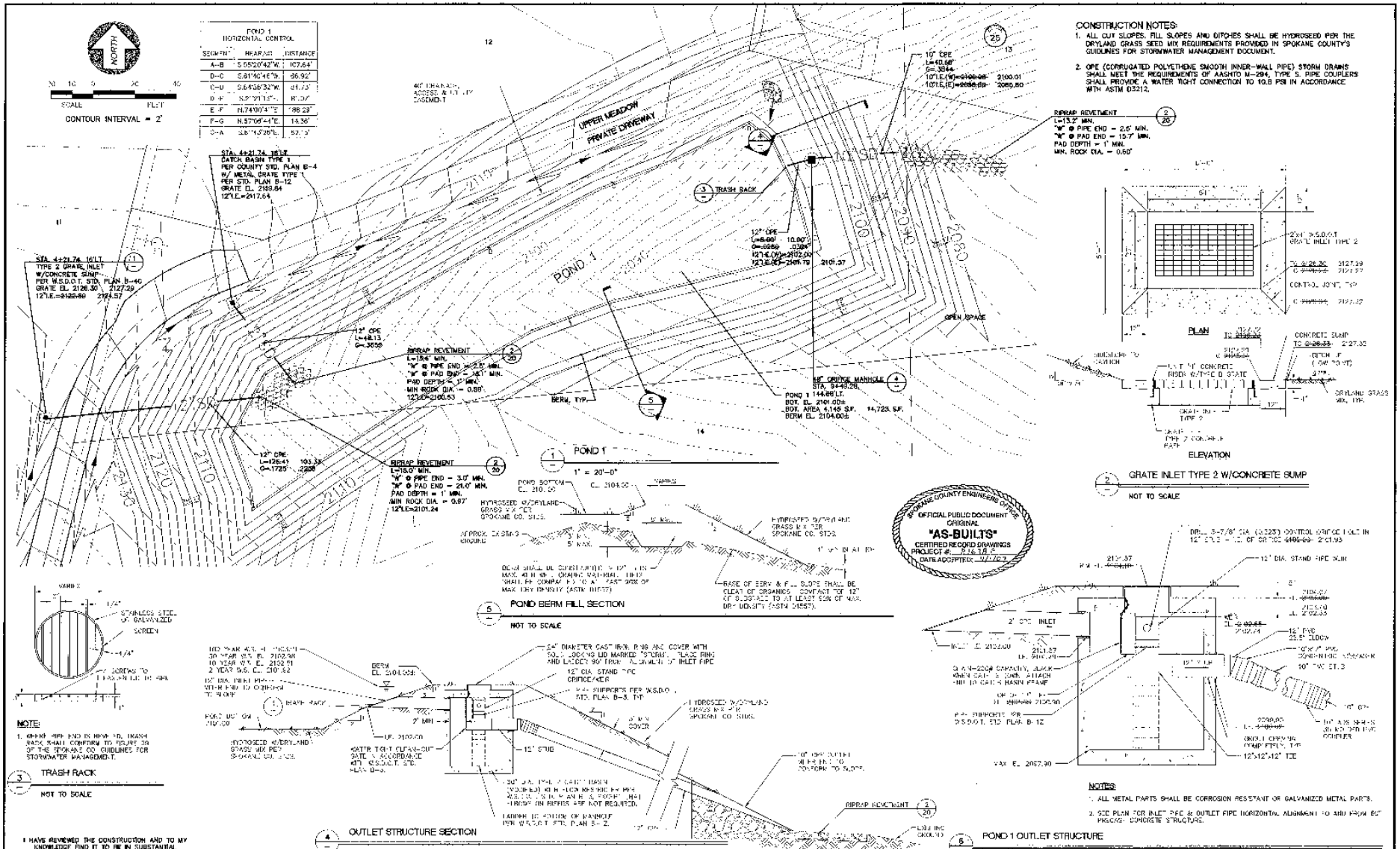
SCALE: HORIZ. N/A, VERT. N/A

RIDGE AT HANGMAN PHASE VII

ROAD SECTIONS and DITCH DETAILS

DETAILS SHEET 18 / 20

P-1638 F Eng Asbuilts



CONSTRUCTION NOTES:

1. ALL CUT SLOPES, FILL SLOPES AND DITCHES SHALL BE HYDROSEED PER THE DRYLAND GRASS SEED MIX REQUIREMENTS PROVIDED IN SPOKANE COUNTY'S GUIDLINES FOR STORMWATER MANAGEMENT DOCUMENT.
2. OPE (CORRUGATED POLYETHENE SMOOTH INNER-WALL PIPE) STORM DRAINS SHALL MEET THE REQUIREMENTS OF AASHTO M-294, TYPE S. PIPE COUPLERS SHALL PROVIDE A WATER TIGHT CONNECTION TO 10.8 PSI IN ACCORDANCE WITH ASTM D3212.

GRATE INLET TYPE 2 W/CONCRETE SUMP

NOT TO SCALE

POND BERM FILL SECTION

NOT TO SCALE

NOTE:

1. WHERE PIPE END IS HEVE ED, TRASH RACK SHALL CONFORM TO FIGURE 39 OF THE SPOKANE CO. GUIDLINES FOR STORMWATER MANAGEMENT.

TRASH RACK

NOT TO SCALE

OUTLET STRUCTURE SECTION

NOT TO SCALE

NOTES:

1. ALL METAL PARTS SHALL BE CORROSION RESISTANT OR GALVANIZED METAL PARTS.
2. SEE PLAN FOR INLET PIPE & OUTLET PIPE HORIZONTAL ALIGNMENT TO AND FROM 60" PRECAST CONCRETE STRUCTURE.

POND 1 OUTLET STRUCTURE

NOT TO SCALE

I HAVE REVIEWED THE CONSTRUCTION AND TO MY KNOWLEDGE FIND IT TO BE IN SUBSTANTIAL CONFORMANCE WITH THE APPROVED CERTIFIED PLANS AND STANDARD SPECIFICATIONS EXCEPT AS NOTED.

No.	Date	By	Ckd.	Appr.	Revisions
2	10/07	DFT	RFM	MAA	RECORD DRAWINGS
1	05/06	ALB	MCM	MAA	ADDRESS SPOKANE CO. 2/10/06 COMMENTS

Drawn	ALB	02/14/06
Designed	RFM	02/01/06
Checked	MAA	02/01/06

EXPIRES 2/1/09

The design improvements shown in this set of plans and calculations conform to the applicable sections 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.

Taylor Engineering, Inc.
Civil Design and Land Planning
W. 100 Mission Ave.
Spokane, Washington 99201
(509) 838-8371 FAX (509) 838-8384

SPOKANE COUNTY PUBLIC WORKS
DIVISION OF ENGINEERING AND ROADS
W. 1026 Broadway Ave.
Spokane, Wa. 99260-0170
477-3600

Owner's Approval: SEE BASIN MASTER SIGNATURE LETTER Date 02/01/07

VERTICAL DATUM: [illegible]

CADD FILE NAME: 0508087 DFT.DWG

SCALE: 50 25 0 50 100 SCALE FEET

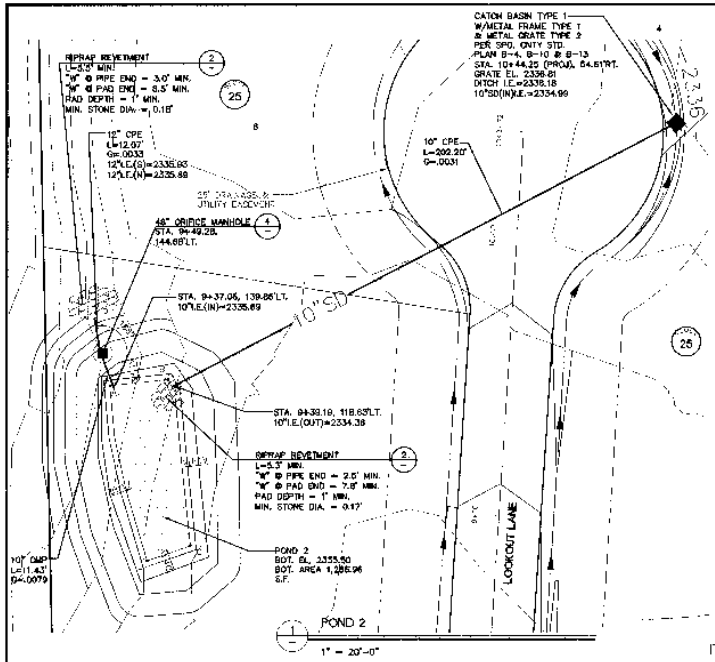
SCALE
HORIZ. AS NOTED
VERT. AS NOTED

RIDGE AT HANGMAN PHASE VII

POND 1 and DRAINGAGE DETAILS

STORM SHEET 19 / 20

P-1638F Eng As Builts

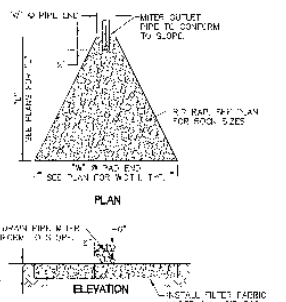


CONTOUR INTERVAL = 2'

POND 2 HORIZONTAL CONTROL		
SEGMENT	BEARING	DISTANCE
A-B	N.83°57'14"E.	30.53'
B-C	S.07°40'00"E.	64.56'
C-D	S.70°01'02"W.	16.35'
D-A	N.12°02'59"W.	64.07'

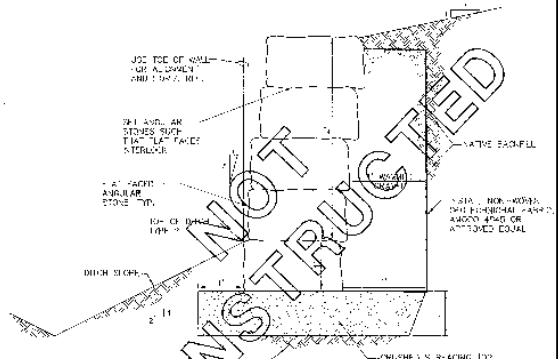
CONSTRUCTION NOTES:

1. ALL CUT SLOPES, FILL SLOPES AND DITCHES SHALL BE HYDROSEED PER SPOKANE COUNTY'S DRYLAND GRASS SEED MIX REQUIREMENTS IN THE GSM.
2. CPE (CORRUGATED POLYETHENE SMOOTH INNER-WALL PIPE) CULVERTS SHALL MEET THE REQUIREMENTS OF AASHTO M-294, TYPE S. PIPE COUPLERS SHALL PROVIDE A WATER TIGHT CONNECTION TO 10.8 PSI IN ACCORDANCE W/ASTM D3212.



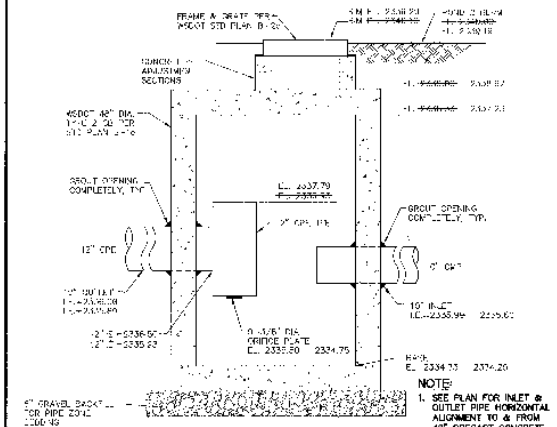
RIPRAP REVETMENT

NOT TO SCALE



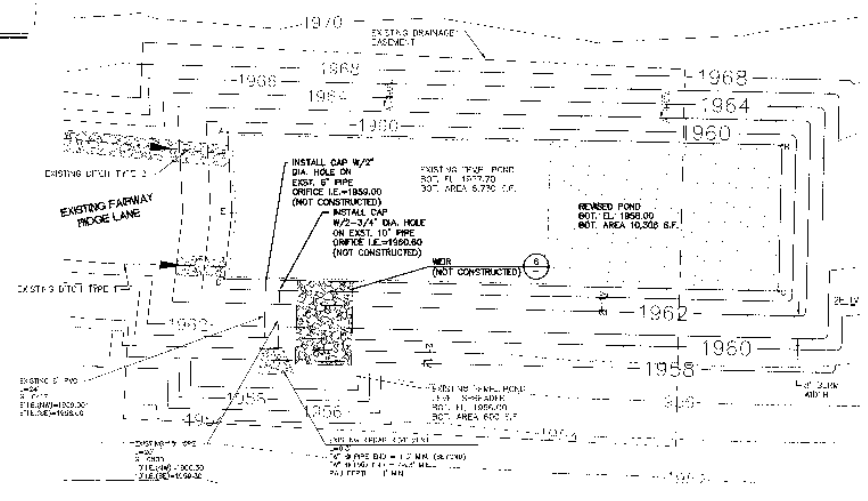
4' DRYSTACK WALL

NOT TO SCALE



ORIFICE MANHOLE

NOT TO SCALE



ENLARGED EXISTING TEMPORARY POND

NOT TO SCALE

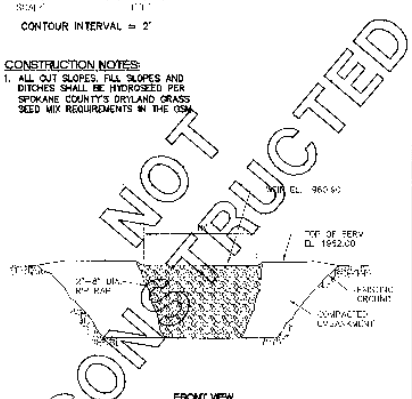
I HAVE REVIEWED THE CONSTRUCTION AND TO MY KNOWLEDGE FIND IT TO BE IN SUBSTANTIAL CONFORMANCE WITH THE APPROVED CERTIFIED PLANS AND STANDARD SPECIFICATIONS EXCEPT AS NOTED.

ENLARGED EXISTING TEMPORARY POND HORIZONTAL CONTROL		
SEGMENT	BEARING	DISTANCE
A-B	N.57°56'26"E.	180.13'
B-C	S.31°34'34"E.	52.31'
C-D	N.58°25'26"E.	168.13'
D-E	S.26°22'01"E.	34.73'
E-A	S.35°54'54"E.	28.77'

CONTOUR INTERVAL = 2'

CONSTRUCTION NOTES:

1. ALL CUT SLOPES, FILL SLOPES AND DITCHES SHALL BE HYDROSEED PER SPOKANE COUNTY'S DRYLAND GRASS SEED MIX REQUIREMENTS IN THE GSM.



FRONT VIEW

WEIR

NOT TO SCALE

No.	Date	By	Chkd	Appr.	Revisions
2.	01/07	DFT	MFM	MAA	RECORD DRAWINGS
1.	01/06	MLB	MFM	MAA	ADDRESS SPOKANE CO. 2/10/06 COMMENTS

Drawn MLB Date 02/01/06
Designed MLB 02/01/06
Checked MAA 02/01/06

EXPIRES 5/10/07

The design improvements shown on this set of plans and specifications conform to the applicable actions 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.

Taylor Engineering, Inc.
Civil Design and Land Planning
P. 108 Main St. Ave.
Spokane, Washington 99201
(509) 328-3371 FAX (509) 328-8224

SPOKANE COUNTY PUBLIC WORKS
DIVISION OF ENGINEERING AND ROADS
N. 1026 Broadway Ave
Spokane, Wa. 99260-0170
(509) 477-3600

Owner's Approval SEE DEAN MCCOY SIGNATURE LETTER Date 02/01/07

VERTICAL DATUM: ACCURATE AT CENTERLINE OF CUL-DE-SAC STA. 9+37.05, 139.66'LT. ELEV. = 2335.69 (NAVD 88)

CADD FILE NAME: SESSET OFFING

SCALE 50 25 0 50 100 FEET

SCALE
HORIZ. AS NOTED
VERT. AS NOTED

RIDGE AT HANGMAN PHASE VII

POND 2, ENLARGED EXISTING TEMPORARY POND and DRAINAGE DETAILS

STORM

SHEET 20 / 20

P-1658F Eng As Builts