ROAD AND DRAINAGE PLANS FOR:

THE Ridge AT HANGMAN

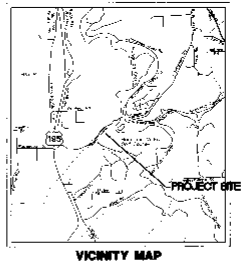
PHASE VII

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



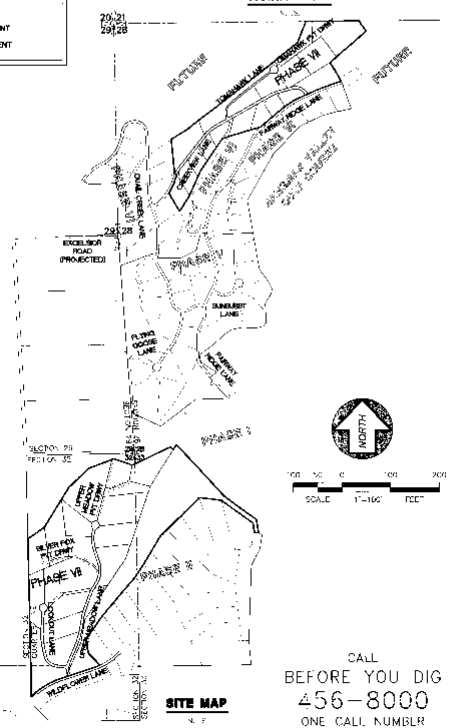
VICINITY MAP

INDEX OF DRAWINGS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	UPPER MEADOW LANE - STA. 0+00.00 TO STA. 12+00.00
3	UPPER MEADOW LANE STA. 12+00.00 TO STA. 19+72.36
4	LOOKOUT LANE - STA. 1+00.00 TO STA. 10+37.72
5	SILVER FOX ~~PVT DRWY~~ LANE - STA. 1+00.00 TO STA. 7+93.25
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 2001", 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 READILY PRONE 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 95% 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.



SITE MAP

SPOKANE COUNTY ENGINEER'S OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #: 06-0-0-0-0
DATE ACCEPTED: 06-0-0-0-0
ACCEPTANCE EXPIRES: 06-0-0-0-0
PROJECT LANE MILES: 0.0
PROJECT LANE MILES COMPLETE: 0.0
CONTRACTOR NOTE: THIS PLAN SHALL BE KEPT ON THE JOB SITE AT ALL TIMES. RECORD DRAWINGS INDICATING ACTUAL AS BUILT FIELD CHANGES TO COUNTY AGENCY IMMEDIATELY UPON COMPLETION OF THE PROJECT AND DRAINAGE FACILITIES FOR MAINTENANCE.
PERMITTED EXPIRES: 06-0-0-0-0
NOTIFY THE ENGINEER 1 WORKING DAY PRIOR TO CONSTRUCTION

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

No.	Date	By	Ckd.	Appr.	Revisions
1	05/05	ALB	MFM	MAA	ADDRESS SPOKANE CO. 2/10/06 COMMENTS

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

Taylor Engineering, Inc.
Civil Design and Land Planning
N. 108 Division Ave.
Spokane, Washington 99202
(509) 328-8251 Fax (509) 328-8254

SPOKANE COUNTY PUBLIC WORKS
DIVISION OF ENGINEERING AND ROADS
IN THE Spokane Ave.
Spokane, WA. 99260-0170
477-3600

Owner's Approval: SEE HRBAN MAYOR SIGNATURE LETTER Date: 02/21/07

VERTICAL DATUM: IN (NGS) AT CENTERLINE OF SHALL CREEK (CAP 100 YEAR FLOODPLAIN APPROX. 2000 SOUTH OF RIDGE 1 AND RIDGE 2 TRANSMISSION TL 7000 N) (NGVD 29)

CADD FILE NAME: 06090CVD.DWG

SCALE: 50 25 0 50 100 FEET

SCALE: HORZ. 1"=50' VERT. 1"=5'

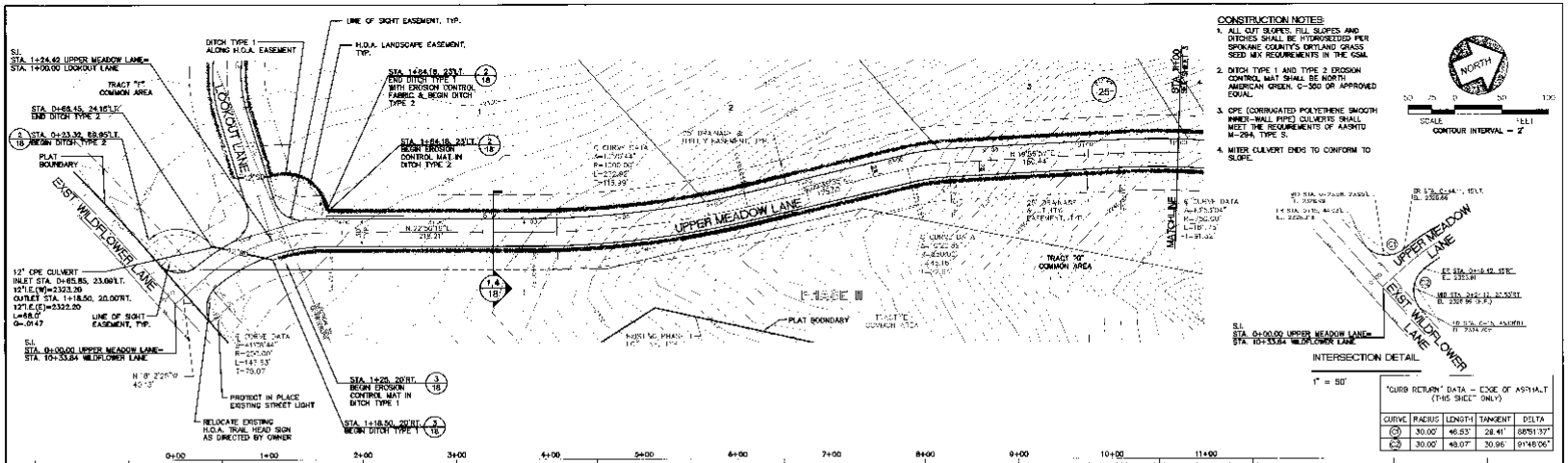
RIDGE AT HANGMAN PHASE VII

COVER SHEET

COVER SHEET 1/20

PASSED 2/21/07

PASSED Engineering



CONSTRUCTION NOTES:

1. ALL CUT SLOPES, FILL SLOPES AND DITCHES SHALL BE HYDROSEEDED PER SPOKANE COUNTY'S DRYLAND GRASS SEED MIX REQUIREMENTS IN THE GSM.
2. DITCH TYPE 1 AND TYPE 2 EROSION CONTROL MAT SHALL BE NORTH AMERICAN GREEN, C-350 OR APPROVED EQUAL.
3. CPE (CORRUGATED POLYETHENE SMOOTH INNER-WALL PIPE) CULVERTS SHALL MEET THE REQUIREMENTS OF AASHTO M-294, TYPE S.
4. MITER CULVERT ENDS TO CONFORM TO SLOPE.

NORTH

SCALE 1"=50'

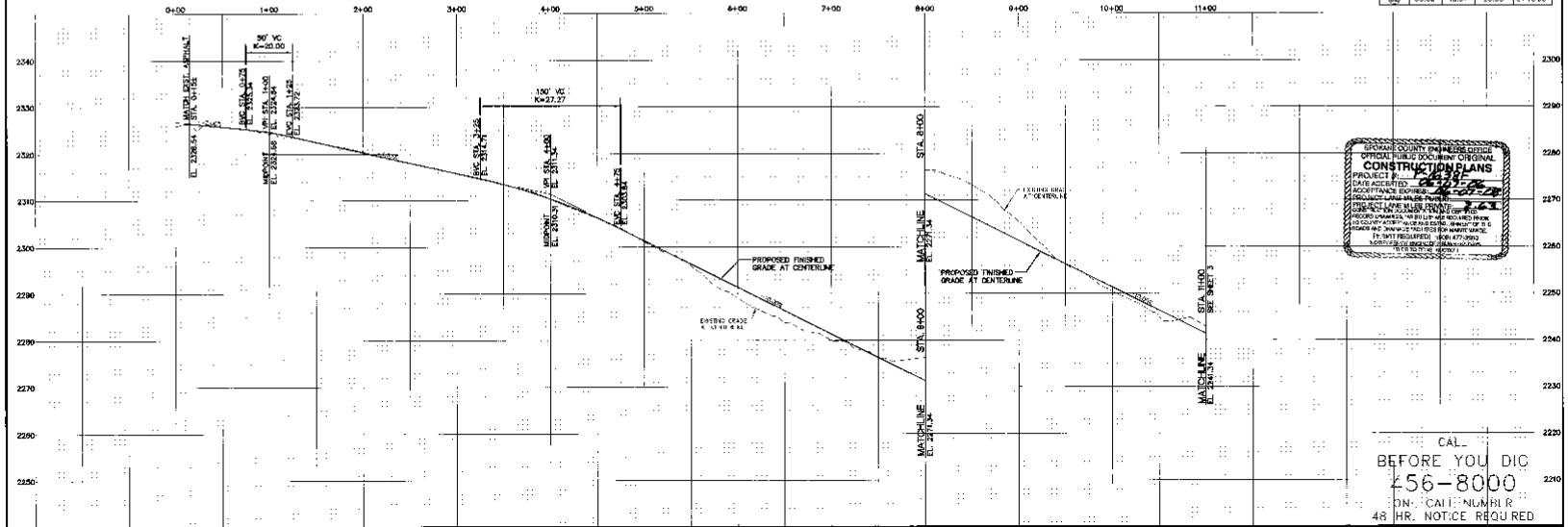
CONTOUR INTERVAL = 2'

INTERSECTION DETAIL

1" = 50'

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

CURVE	RADIUS	LENGTH	TANGENT	DELTA
C1	30.00'	46.53'	28.41'	88°51'37"
C2	30.00'	48.07'	30.96'	91°48'06"



SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #: 1-2-3-4
DATE ACCEPTED: 6-27-06
ACCEPTANCE EXPIRES: 6-27-08
PROJECT LANE MILES PAVED: 0.64
PROJECT LANE MILES PRIVATE: 0.64
CONTACT SPOKANE COUNTY ENGINEERS OFFICE FOR PRIOR PROJECT UNAMPS, AS WELL AS ANY RECORDED PLANS AND COUNTY ACCEPTANCE DATES, BEFORE OF TO PROCEED AND SHOW 24 HOURS BEFORE WORK STARTS.
PERMIT REQUIRED: (509) 477-3593
NOTIFY ENGINEERING INSPECTOR 24 HOURS BEFORE WORK STARTS

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

No.	Date	By	Ckd	Appr.	Revisions
1	05/06	ALB	KFW	MAA	ADDRESS SPOKANE CO. 2/10/06 COMMENTS

Drawn: ALB Date: 22/01/06
Designed: KFW Date: 22/01/06
Checked: KFW Date: 22/01/06

The design improvements shown on 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 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) 838-8551 FAX (509) 838-8664

Owner's Approval: SEE BRIAN McCOY'S SIGNATURE FITTS Date: 02/21/06

SPOKANE COUNTY PUBLIC WORKS
DIVISION OF ENGINEERING AND ROADS
N. 104 Broadway Ave.
Spokane, Wa. 99260-0170
477-3600

VERTICAL DATUM: NGVD 29 (MSL) AT CENTERLINE OF ROAD, CHECK CONTROL PLANS, CURRENT, DATE, SCALE OF PLAN, BENCHMARK NAME, ELEVATION, DATE

CADD FILE NAME: 05A-RIDGE-PHASE-7.DWG

SCALE 0 25 50 100

SCALE 1" = 50'

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

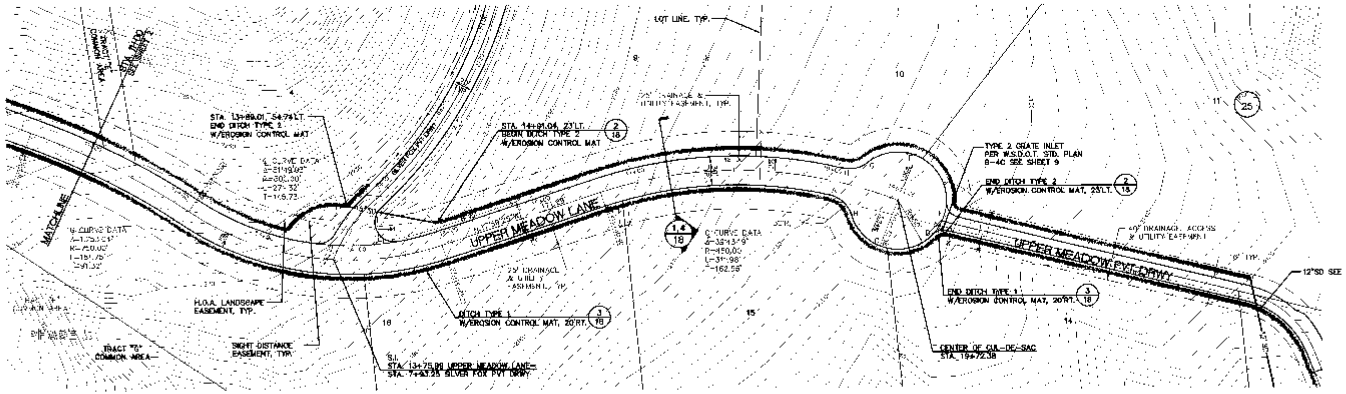
RIDGE AT HANGMAN PHASE VII

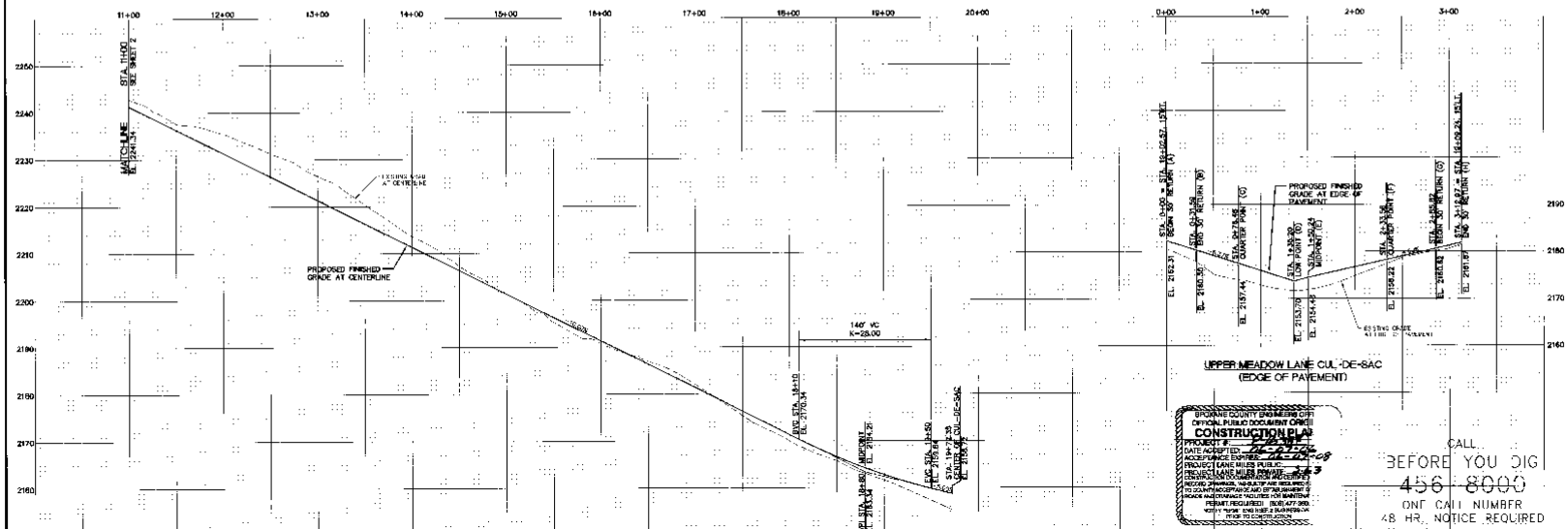
UPPER MEADOW LANE
STA. 0+00.00 TO STA. 12+00.00

ROAD

SHEET 2 / 20

1/28/06 Original Drawing





CONSTRUCTION NOTES:

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

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ONLY
CONSTRUCTION PLAN
PROJECT #: 2-0031
DATE ACCEPTED: 06-21-06
ACCEPTANCE EXPIRES: 06-21-08
PROJECT LANE MILES PUBLIC: 0.63
PROJECT LANE MILES PRIVATE: 0.63
CONTRACTOR DOCUMENTATION ACCEPTED
PRIOR DRAINAGE, AND SLOPE ARE REQUIRED TO COMPLETE ROAD AND DRAINAGE IMPROVEMENT
ROADS AND DRAINAGE FACILITIES FOR MAINTENANCE
PERMIT REQUIRED: (509) 477-3600
NOTIFY PUBLIC WORKS 2 BUSINESS DAYS PRIOR TO CONSTRUCTION

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

No.	Date	By	Ckd	Appr.	Revisions
1	05/06	AHB	HPM	MAA	ADDRESS SPOKANE CO. 2/10/06 COMMENTS

Drawn: AHB Date: 02/0 /06
Designed: WPP Date: 02/01/06
Checked: MAA Date: 02/01/06

This design improvements shown hereon, of plans and specifications conform to the applicable editions of the Spokane County Standards for Road and Sewer Construction, 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
7 W. Mission Ave.
Spokane, Washington 99201
(509) 328-8011 FAX (509) 328-8154

SPOKANE COUNTY PUBLIC WORKS
DIVISION OF ENGINEERING AND ROADS
9. 1026 Broadway Ave
Spokane, WA 99260-0170
477-3600

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

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

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

BRIDGE AT HANGMAN PHASE VII

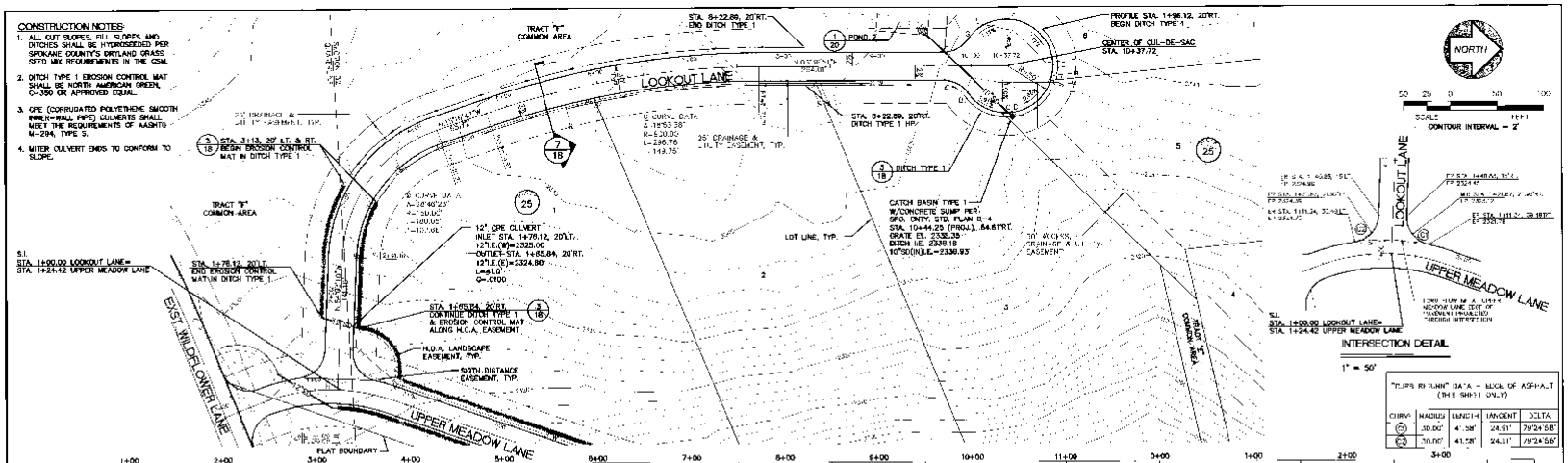
UPPER MEADOW LANE
STA. 12+00.00 TO STA. 19+72.36

ROAD
SHEET 3 / 20

P:\1-6\3P Eng\Bridge\dwg

CONSTRUCTION NOTES:

1. ALL CUT SLOPES, FILL SLOPES AND DITCHES SHALL BE HYDROSEEDED PER SPOKANE COUNTY'S DRYLAND GRASS SEED MIX REQUIREMENTS IN THE GSM.
2. DITCH TYPE 1 EROSION CONTROL MAT SHALL BE NORTH AMERICAN GREEN, C-350 OR APPROVED EQUAL.
3. CPE (CORRUGATED POLYETHENE SMOOTH INNER-WALL PIPE) CULVERTS SHALL MEET THE REQUIREMENTS OF AASHTO M-294, TYPE S.
4. WITER CULVERT ENDS TO CONFORM TO SLOPE.



SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #: P-6195
DATE ACCEPTED: 02-07-08
ACCEPTANCE EXPIRES: 02-07-09
PROJECT LANE MILES: 0.25
CONTRACT LANE MILES: 0.25
RECORD DRAWINGS: AS-BUILT REC REQUIRED PRIOR TO COUNTY ACCEPTANCE MAY BE ACCEPTED IF THE PONDS AND DRAINAGE FACILITIES HAVE BEEN INSPECTED
PERMIT REQUIRED: SWPPP/NOI/NOC
BUILDING PERMITS: 263 BUILDING PERMITS ISSUED PRIOR TO COUNTY ACCEPTANCE

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

No.	Date	By	Ckd	Appr.	Revisions
1	05/08	ALD	WTM	MAX	ADDRESS SPOKANE CO. 2/10/08 COMMENTS

Drawn: MLE 02/07/08
Designed: WFF 02/07/08
Checked: MAX 02/07/08

FORM: 2.7.07

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

Taylor Engineering, Inc.
Civil, Design and Land Planning
9 E 10th Broadway Ave.
Spokane, Washington 99202
(509) 328-3371 FAX (509) 328-8324

Owner's Approval: JIM BRIAN KEEFE SIGNATURE LETTER Date 02/01/08

SPOKANE COUNTY PUBLIC WORKS
DIVISION OF ENGINEERING AND ROADS

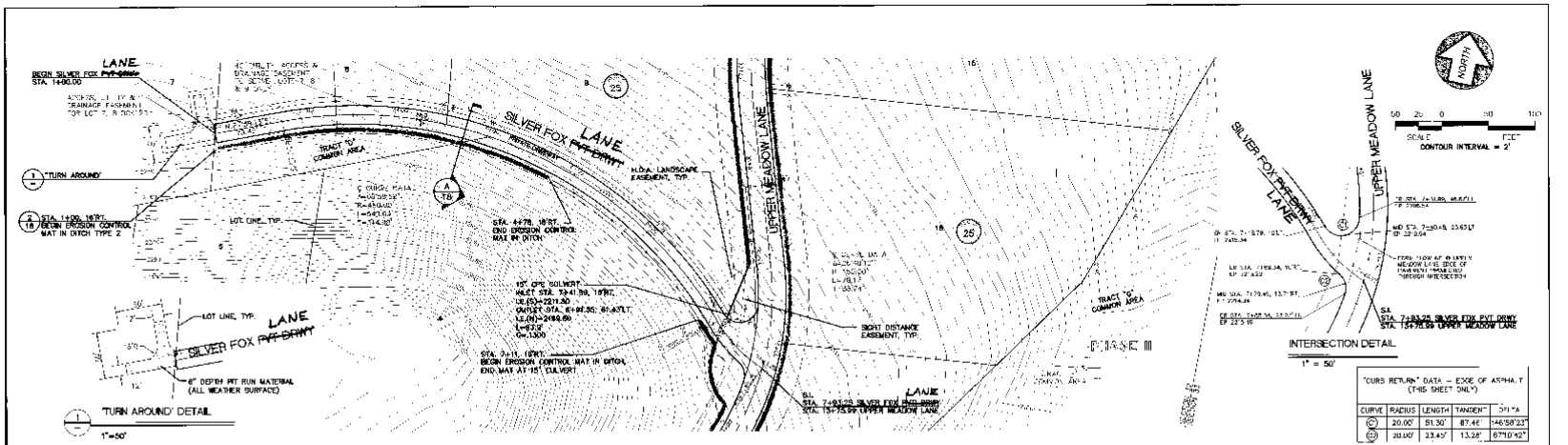
VERTICAL DATUM: NAVD 88 CONVERTED TO NGVD 29 USING CORPS OF ENGINEERS CONVERSION SOFTWARE VERSION 4.0 (NGVD 29 = NAVD 88 - 0.2616 METERS)

CADD FILE NAME: 3900BRIDGE(PHASE).DWG
SCALE: HORZ. 1"=50' VERT. 1"=10'

RIDGE AT HANGMAN PHASE VII
LOOKOUT LANE STA. 1+00.00 TO STA. 10+37.72

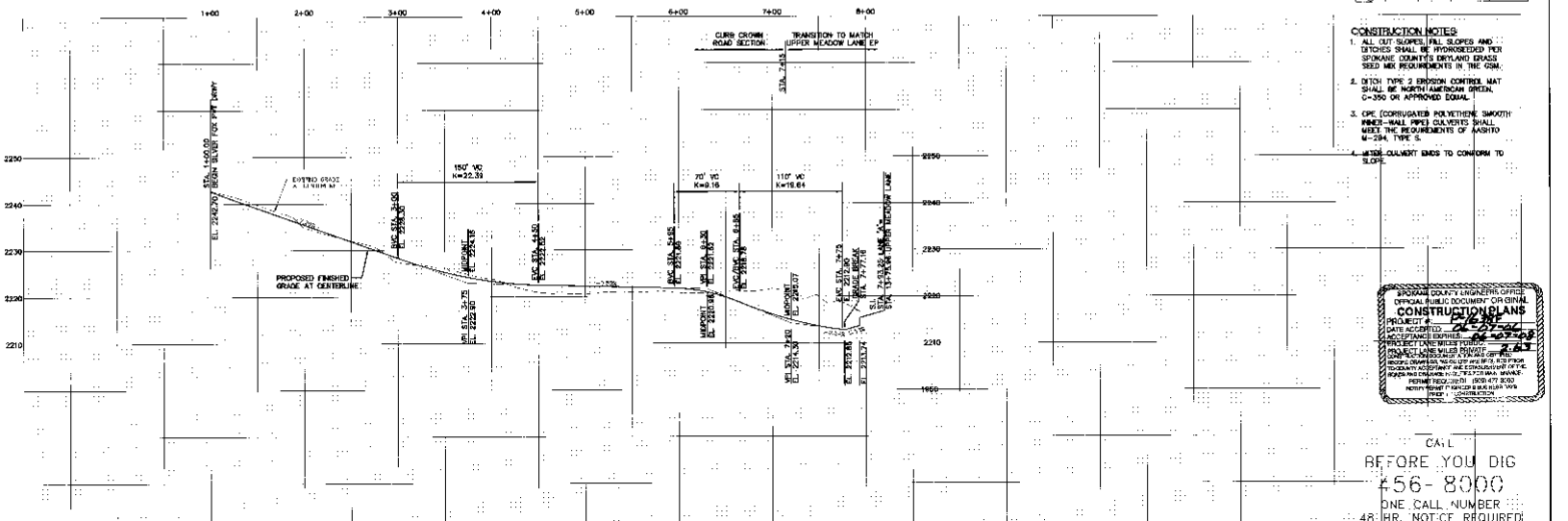
ROAD
SHEET 4 / 20

P-6195 Eng Bid Drawings



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

CURVE	RADIUS	LENGTH	TANGENT	DELTA
C1	20.00'	51.30'	87.46'	146°58'23"
C2	20.00'	23.45'	13.28'	67°10'42"



CONSTRUCTION NOTES:

1. ALL CUT-SLOPES, FILL SLOPES AND DITCHES SHALL BE HYDROSEEDED PER SPOKANE COUNTY'S DRYLAND GRASS SEED MIX REQUIREMENTS IN THE GSM.
2. DITCH TYPE 2 EROSION CONTROL MAT SHALL BE NORTH AMERICAN GREEN, C-350 OR APPROVED EQUAL.
3. CPE (CORRUGATED POLYETHYLENE SMOOTH INNER-WALL PIPE) CULVERTS SHALL MEET THE REQUIREMENTS OF AASHTO M-294, TYPE S.
4. METAL CULVERT ENDS TO CONFORM TO SLOPE.

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT OR ORIGINAL
CONSTRUCTION PLANS
PROJECT # PVE-701
DATE ACCEPTED 2/27/08
ACCEPTANCE EXPIRES 2/27/09
PROJECT ONE MILE FOR 2 YEARS
CONTACT SPOKANE COUNTY PUBLIC WORKS OFFICE
WORKING DRAWINGS, INCLUDING BUT NOT LIMITED TO, PLAN PROFILE, CONSTRUCTION ACCESSORY AND CONSULTANT DETAILS, MAPS AND DRAWINGS IN ELECTRONIC MEDIA, MAY BE OBTAINED FROM THE PUBLIC WORKS OFFICE. PERMIT REQUIRED (509) 477-3600 NORTH PERMIT FOR RANGE & BOX HOLDER TYPE PRIOR TO CONSTRUCTION

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

No.	Date	By	Ckd	Appr.	Revisions
1	05/08	ALB	MCM	MAK	ADDRESS SPOKANE CO 2/10/08 COMMENTS

Drawn ALB Date 02/01/06
Designed MCM 02/01/06
Checked MAK 02/01/06

The design represented 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
& the Western Ave.
Spokane, Washington 99201
(509) 328-6327 FAX (509) 328-6924

SPOKANE COUNTY PUBLIC WORKS
DIVISION OF ENGINEERING AND ROADS
N. 901 Broadway Ave.
Spokane, WA 99260-0170
477-3600

Owner's Approval SEE BRIAN MOODY'S SIGNATURE ON PLANS Date 02/05/08

VERTICAL DATUM: NGVD 29 (Converted to NAVD 88 using "VERTCON" Program)
BENCHMARK: BM #1 (Top of Bolt in Hydrant at Intersection of Upper Meadow Lane and Silver Fox Pvt. Drive) EL. 2244.42 (NAVD 88)
CADD FILE NAME: 1899GENERAL.DWG
SCALE 50 25 0 50 100
METRIC FEET

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

RIDGE AT HANGMAN PHASE VII
LANE
SILVER FOX ~~PVT DRIVE~~
STA. 1+00.00 TO STA. 7+93.25

ROAD
SHEET 5 / 20

P1437 Eng Best Design

CONSTRUCTION NOTES:

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

NORTH

SCALE 1"=1'

CONTOUR INTERVAL = 2'

LOT LINE, TYP.

20' UTILITY EASEMENT

"BUMPOUT"

42' DRAINAGE, ACCESS & UTILITY EASEMENT

DITCH TYPE 2 W/EROSION CONTROL MAT

2' T.T.V. DRAINAGE EASEMENT

28' ACCESS/T.T.V. DRAINAGE EASEMENT

CENTER OF CUL-DE-SAC STA. 19+72.38

UPPER MEADOW PVT DRWY

DITCH TYPE 1 W/EROSION CONTROL MAT

STA. 14+00 UPPER MEADOW PVT DRWY = STA. 204+22.34 (QUEST) (PROJECTED) UPPER MEADOW LANE

H.O.A. LANDSCAPE EASEMENT, TYP.

DITCH TYPE 1

UPPER MEADOW LANE

TRACT 'C' GRAVEL AREA

DITCH TYPE 1 W/RIPRAP

"TURN AROUND"

POND 1

"BUMPOUT" DETAIL

1"=50'

6" DEPTH PIT RUN MATERIAL (ALL WEATHER SURFACE)

LOT LINE, TYP.

"TURN AROUND" DETAIL

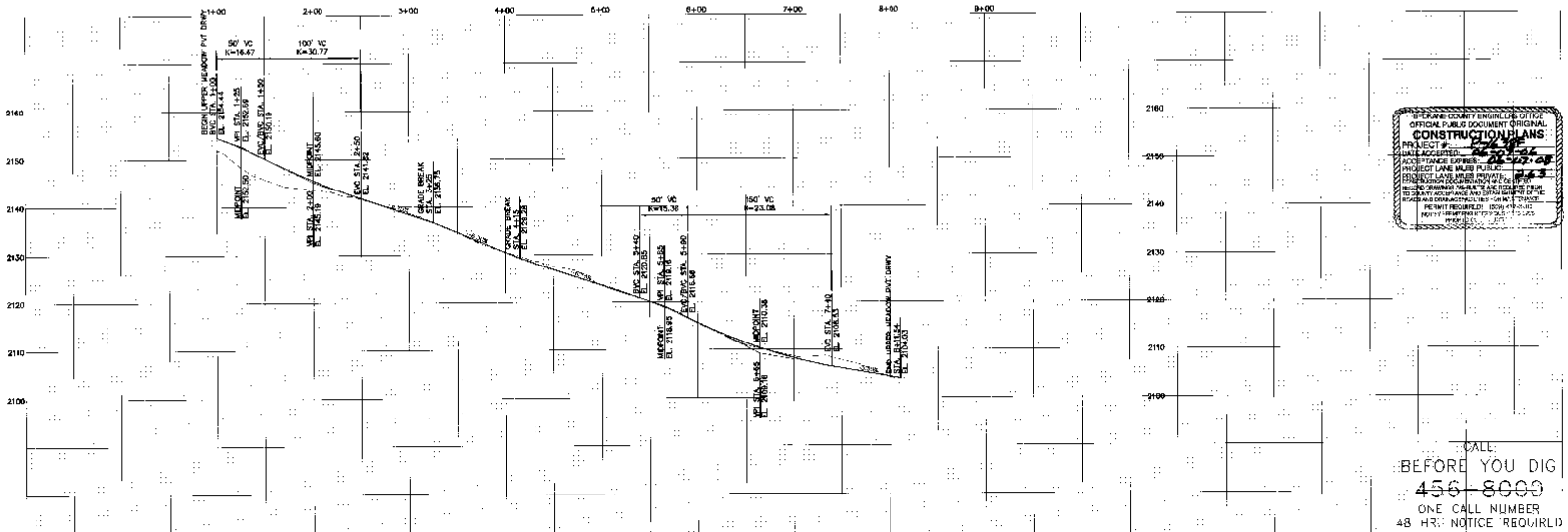
1"=50'

UPPER MEADOW PVT DRWY - (STA. 14+00 TO STA. 5+37.16) - SECTION

NOT TO SCALE

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

NOT TO SCALE



SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT # 2-2-4-05
DATE ACCEPTED 05-22-07
ACCEPTANCE EXPIRES 05-22-09
PROJECT LANE MILES PUBLIC
PROJECT LANE MILES PRIVATE
PERMIT REQUIRED

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

No.	Date	By	Ckd	Appr.	Revisions
1	06/06	ALB	MFM	MAA	ADDRESS SPOKANE CO. 2/10/06 COMMENTS

		Date
Drawn	A.F.	02/01/06
Designed	MFM	02/01/06
Checked	MAA	02/01/06

DF-95 02/01/

The design improvements shown in this set of plans are calculated to 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. Therefore, these plans for construction

Taylor Engineering, Inc.
Civil Design and Land Planning
N. 1905 Wenatchee Ave.
Spokane, Washington 99205
(509) 328 3971 FAX (509) 328 8824

Owner's Approval SEE BRIAN McCOY SIGNATURE LETTER Date 02/21/07

SPOKANE COUNTY PUBLIC WORKS
DIVISION OF ENGINEERING AND ROADS
N. 1026 Broadway Ave
Spokane, Wa. 99201-3379
477-3600

VERTICAL DATUM: NGVD29, AT CENTERLINE OF CUL-DE-SAC, STA. 19+72.38 = ELEVATION 2,100.00 (NGVD29) (ELEVATION OF 2,100.00 = 2,100.00 (NAVD88) (NGVD29 + 1.24=NAVD 88)

CADD FILE NAME: 0656HM PCSHT3.DWG

SCALE 1"=10'

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

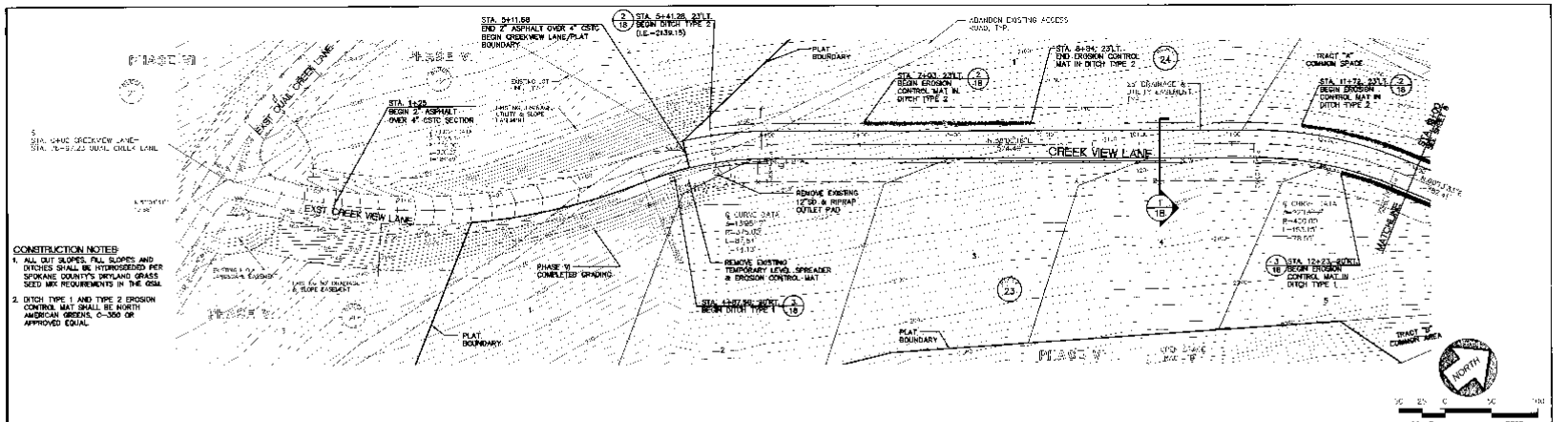
RIDGE AT HANGMAN PHASE VII

UPPER MEADOW PVT DRWY
STA. 14+00.00 TO STA. 8+11.54

ROAD

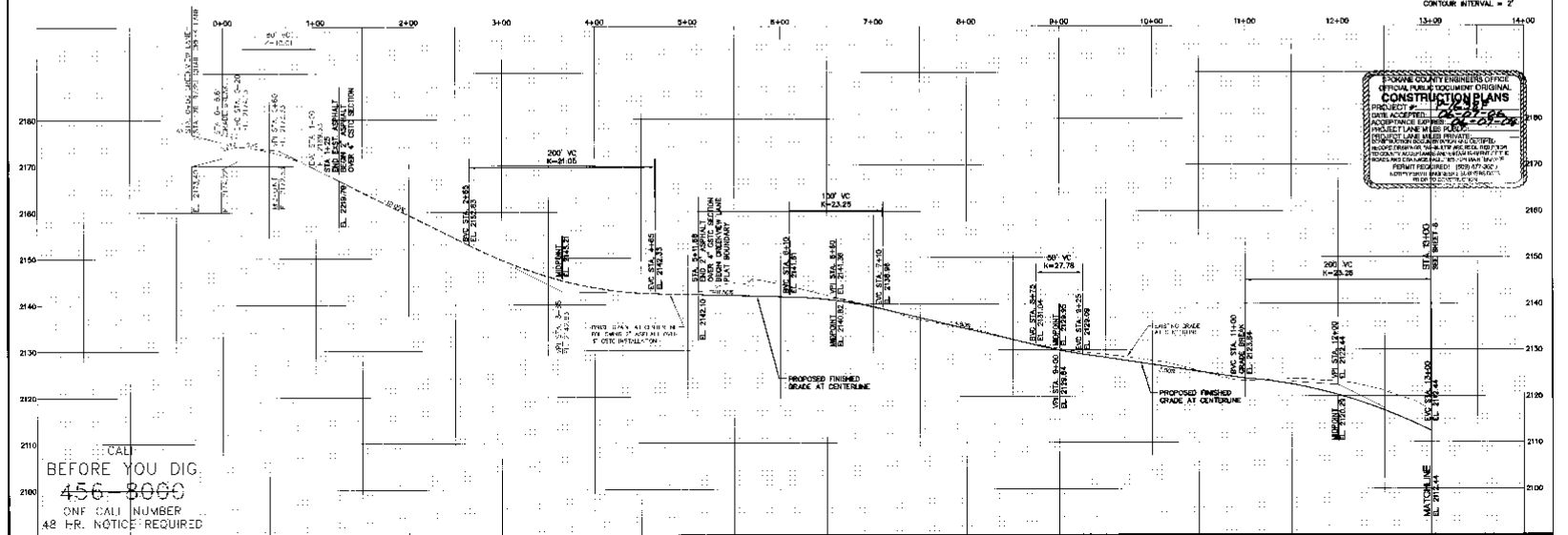
SHEET 6 / 20

P:\6656 Hangman Ridge



CONSTRUCTION NOTES:

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



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

No.	Date	By	Ckd.	Appr.	Revisions
1	05/26	A.S.	MFM	MAK	ADDRESS SPOKANE CO. 2/10/06 ESMMFN ES

Drawn AS 02/27/06
Designed AW 02/27/06
Checked MK 02/27/06

EXPIRES 3/31/07

The 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 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. 1426 Broadway Ave.
Spokane, Washington 99201
(509) 326-2371 FAX (509) 326-8394

Owner's Approval SEE BRAD WEDDY SIGNATURE LETTER Date 02/20/07

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

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

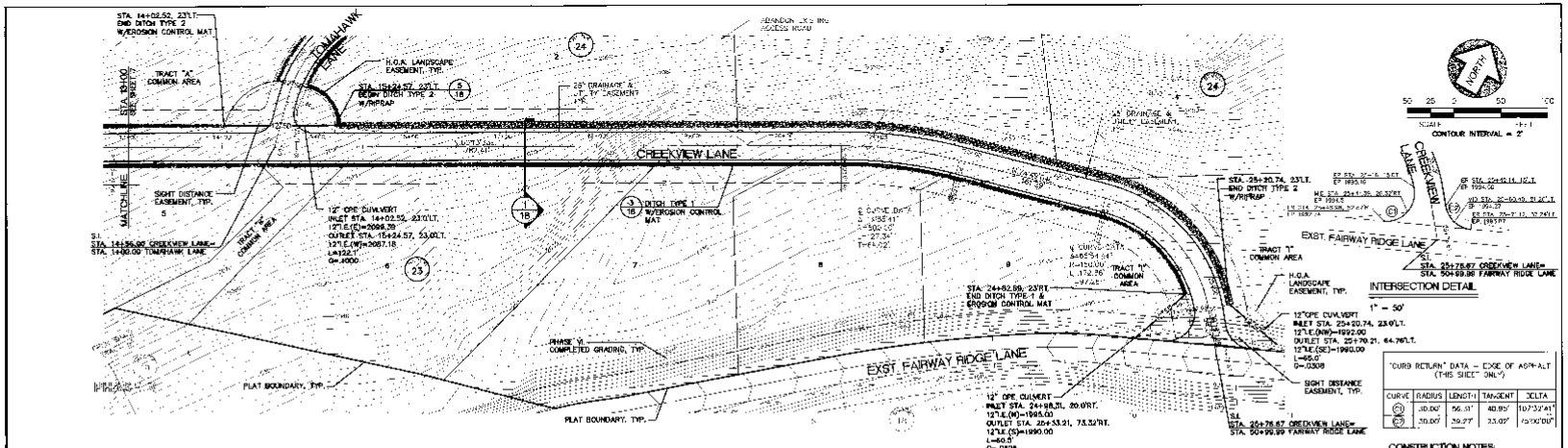
SCALE
HORZ. 1"=50'
VERT. 1"=10'

RIDGE AT HANGMAN PHASE VII

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

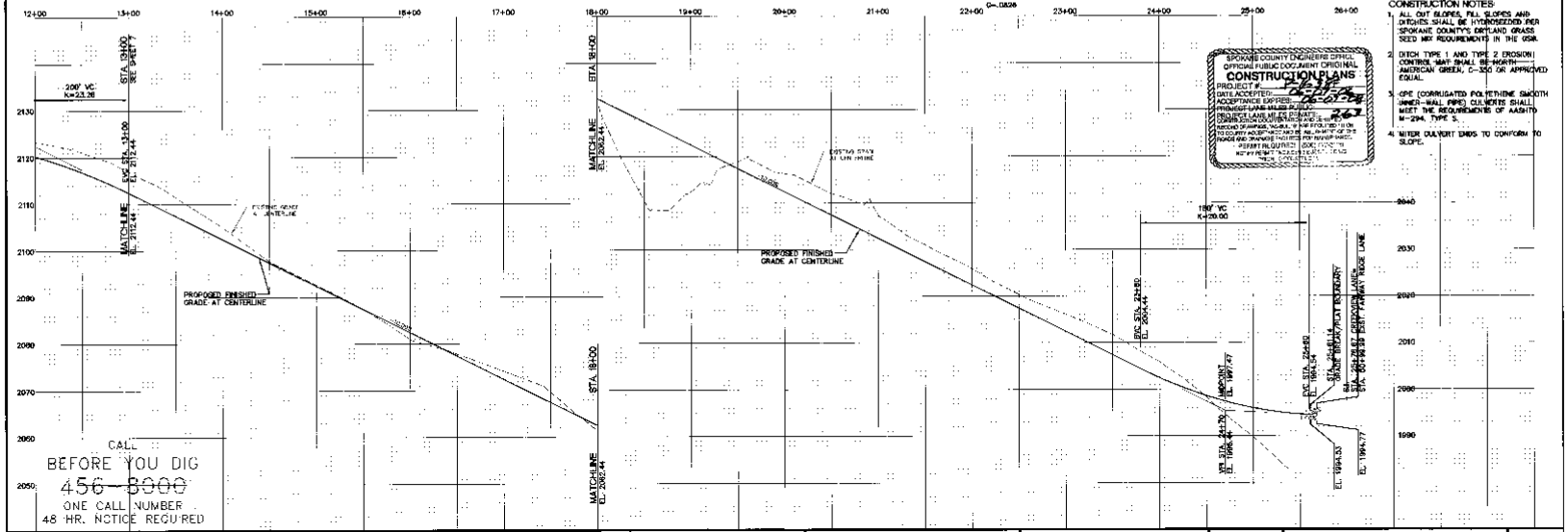
ROAD
SHEET
7 / 20

P.16 28F Im, Ind Survey



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

CURVE	RADIUS	LENGTH	TANGENT	DELTA
(C1)	30.00'	56.31'	40.85'	107°32'41"
(C2)	20.00'	29.27'	23.02'	83°90'00"



SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #: 05-0902
DATE ACCEPTED: 12-17-08
ACCEPTANCE EXPIRES: 12-17-09
PROJECT LANE MILES BUILT: 0.67
PROJECT LANE MILES REMAINING: 0.67
CERTIFIED STORMWATER MANAGEMENT PLAN ATTACHED TO THIS DOCUMENT ACCEPTANCE AND AS ALL OF THE STREETS, ROADS AND DRAINAGE FACILITIES FOR WHICH PERMIT REQUIRED. (SEE CONDITIONS REPORT FOR ADDITIONAL DETAILS)

CONSTRUCTION NOTES:

1. ALL CUT SLOPES, FILL SLOPES AND DITCHES SHALL BE HYDROSEEDED PER SPOKANE COUNTY'S DRYLAND GRASS SEED MIX REQUIREMENTS IN THE GSM.
2. DITCH TYPE 1 AND TYPE 2 EROSION CONTROL MAT SHALL BE NORTH AMERICAN GREEN, C-350 OR APPROVED EQUAL.
3. CPE (CORRUGATED POLYETHYLENE SMOOTH INNER-WALL PIPE) CULVERTS SHALL MEET THE REQUIREMENTS OF AASHTO M-294, TYPE S.
4. WATER CULVERT ENDS TO CONFORM TO SLOPE.

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

No.	Date	By	Chk.	Appr.	Revisions
1	05/08	AJB	MFM	MAA	ADDRESS SPOKANE CO. 2/7/08 COMMENTS

		Date
Drawn	AJB	12/01/06
Designed	MFM	12/01/06
Checked	MAA	12/01/06

SHEET 2/3/07

The public improvements shown on this set of plans and specifications conform to the applicable sections of the Spokane County Standards for Water and Sewer Construction and the Spokane County Guidelines for Stormwater Management. All design deviations have been approved by the Spokane County Engineer. Approval does not allow for construction.

Taylor Engineering, Inc.
Civil Design and Land Planning
W. 106 Broadway Ave.
Spokane, Washington 99201
(509) 838-3571 FAX (509) 326-6324

Owner's Approval SEE BRIAN MURPHY SIGNATURE ON FILE Date 12/10/08

SPOKANE COUNTY PUBLIC WORKS
DIVISION OF ENGINEERING AND ROADS

VERTICAL DATUM: [illegible]

CADD FILE NAME: 0509SCVLZGHIGH.DWG

SCALE: 50 25 0 50 100 SCALE FEET

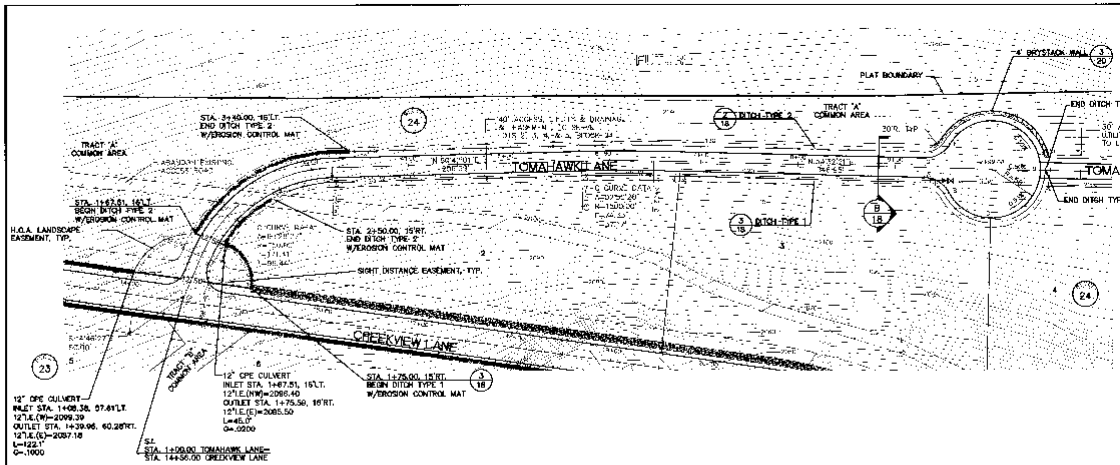
SCALE
HORIZ. 1"=50'
VERT. 1"=10'

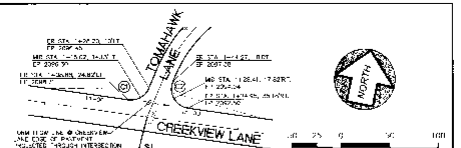
RIDGE AT HANGMAN PHASE VII

CREEKVIEW LANE
STA. 13+00.00 TO STA. 25+76.67

ROAD
SHEET 8 / 20

P:\6387 Eng Bid\Drawings





INTERSECTION DETAIL

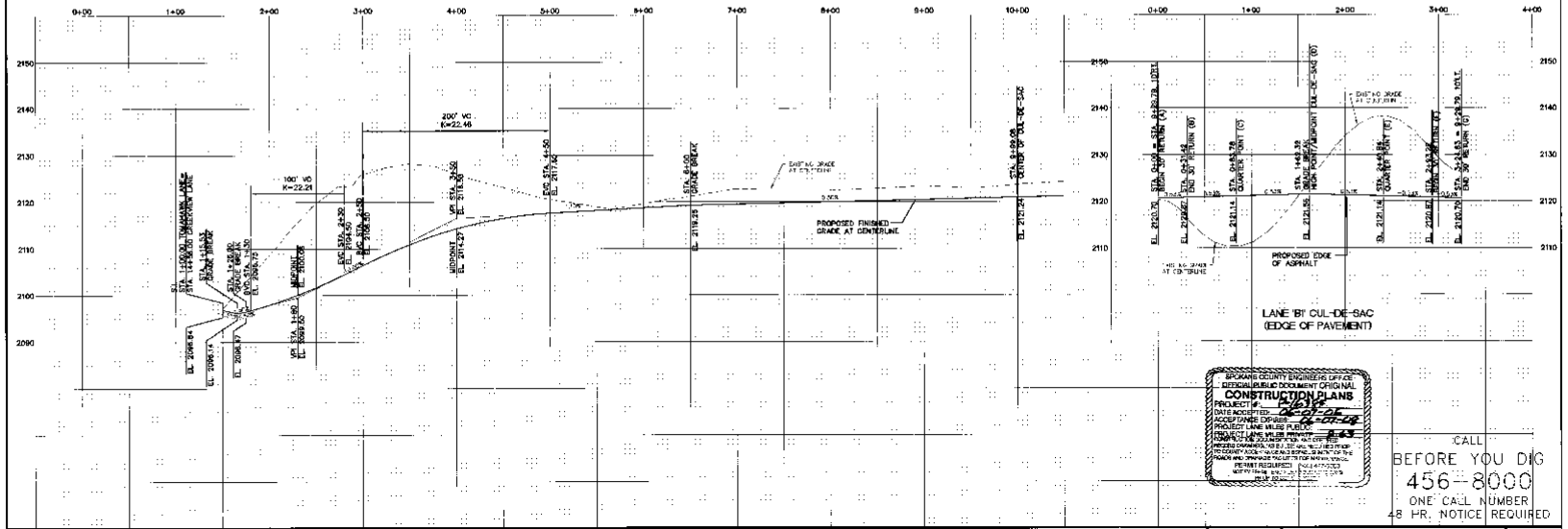
1" = 50'

CONSTRUCTION NOTES

1. HYDROSEED W/DRYLAND GRASS SEED MIX PER SPOKANE CO. STDS. APPLY TO ALL CUT & FILL SLOPES, DITCHES AND DISTURBED AREAS.
2. INSTALL 12"SD 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 SHALL BE NORTH AMERICAN GREEN, C-350 OR APPROVED EQUAL.
4. SEE MANUFACTURER'S RECOMMENDATIONS FOR INSTALLATION & STAPLE REQUIREMENTS TO FASTEN EROSION CONTROL BLANKETS TO SLOPE.
5. CPE (CORRUGATED POLYETHENE SMOOTH BORE-WALL PIPE) STORM DRAINS SHALL MEET THE REQUIREMENTS OF AASHTO M-294, TYPE S.
6. MITER CULVERT ENDS TO CONFORM TO SLOPE.

"CUL-DE-SAC" DATA – EDGE OF ASPHALT (THIS SHEET ONLY)

CURVE	RADIUS	LENGTH	TANGENT	DELTA
C1	20.00'	26.18'	16.25'	75°00'00"
C2	50.00'	36.63'	18.06'	105°00'00"



SPOKANE COUNTY ENGINEERING OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #: 06-0-06
DATE ACCEPTED: 06-07-06
ACCEPTANCE EXPIRES: 06-07-08
PROJECT LANE MILES PUBLIC:
PROJECT LANE MILES PRIVATE:
PERMIT REQUIRED

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

No.	Date	By	Chkd	Appr.	Revisions
1	05/06	ALM	M-M	MAA	AS-BUILTS SPOKANE CO. 2/10/06 COMMENTS

Drawn: AJM Date: 03/08/06
Designed: HRH 02/01/06
Checked: 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
N. 105 Stevens Ave.
Spokane, Washington 99203
(509) 328-5611 FAX (509) 328-6305

SPOKANE COUNTY PUBLIC WORKS
DIVISION OF ENGINEERING AND ROADS
N. 1026 Broadway Ave.
Spokane, WA 99201-0170
477-7235

Owner's Approval: JEFF FRIAN, PROJ. SUPERVISOR Date 2/10/06

VERTICAL DATUM IS (NGS) AS RECORDED IN SPOKANE COUNTY DATA BASE, STA. 19-84-74, APPROX. 2236 SOUTH OF THE SOUTHEAST CORNER OF PLAT BOUNDARY IN THE SE 1/4 OF SECTION 19, T25N, R44E, WM

CADD FILE NAME: 0209BLK3(3-5).DWG

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

RIDGE AT HANGMAN PHASE VII

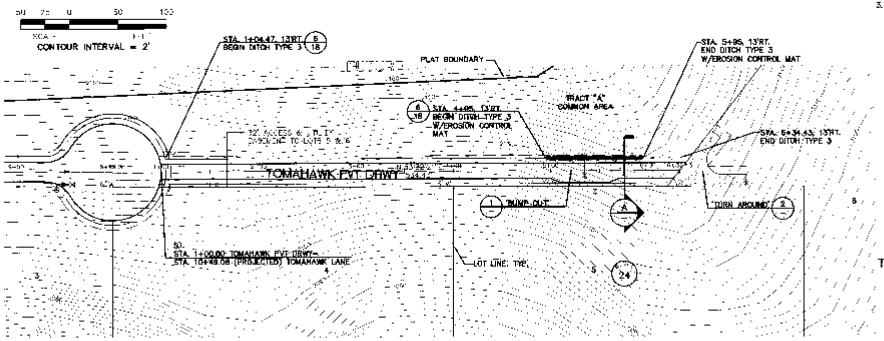
TOMAHAWK LANE
STA. 1+00.00 TO STA. 9+99.08

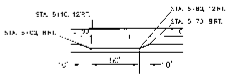
ROAD SHEET 9 / 20

1-16-2007 Original Drawings

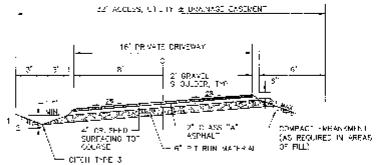
CONSTRUCTION NOTES:

1. HYDROSEED WILDFLOWER GRASS SEED MIX, PER SPOKANE CO. STDS. APPLY TO ALL CUT & FILL SLOPES AND DISTURBED AREAS.
2. EROSION CONTROL MAT SHALL BE NORTH AMERICAN GREEN'S, C-350 OR APPROVED EQUAL.
3. SEE MANUFACTURER'S RECOMMENDATIONS FOR INSTALLATION & STAPLE REQUIREMENTS TO FASTEN EROSION CONTROL BLANKETS TO SLOPE.

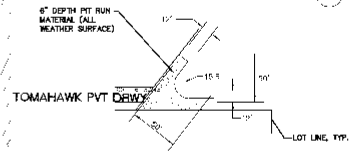




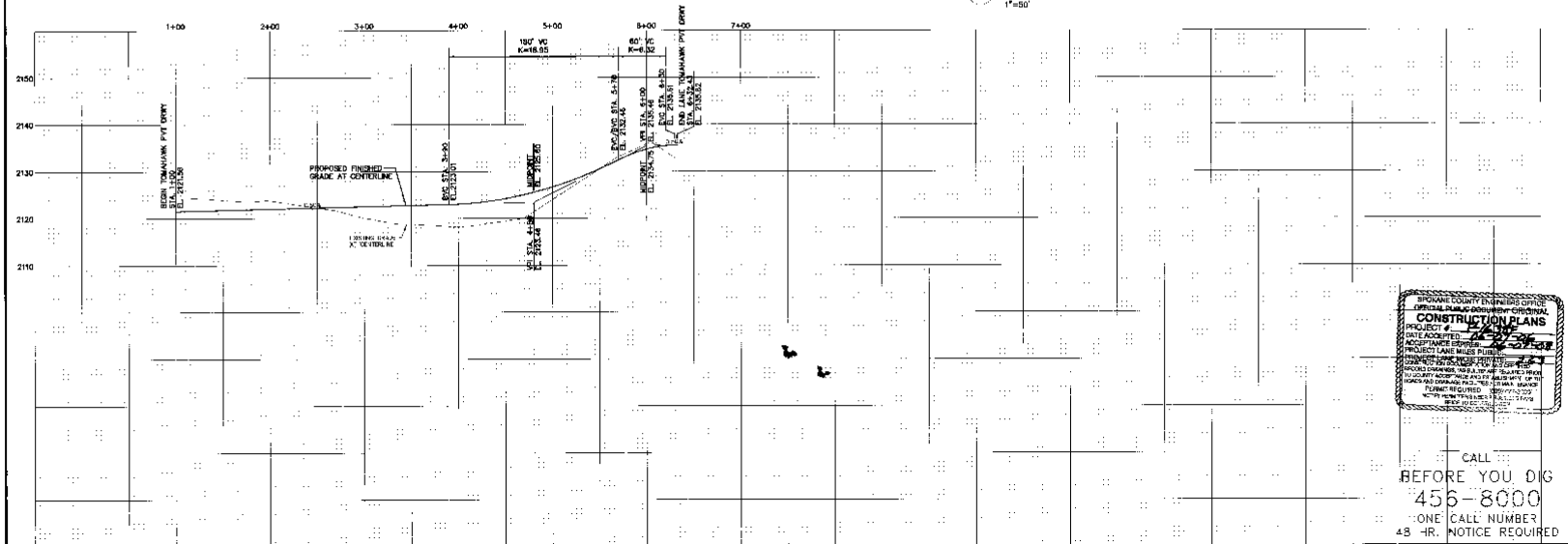
'BUMP OUT' DETAIL
1"=50'



TOMAHAWK PVT DRWY - SECTION
NOT TO SCALE



'TURN AROUND' DETAIL
1"=50'



SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC IMPROVEMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #
DATE ACCEPTED
ACCEPTANCE EXPIRES
PROJECT LANE MILES PUBLIC
PROJECT LANE MILES PRIVATE
PROJECT ENGINEER
PERCENT COMPLETION
PERCENT COMPLETION
TO COUNTY ROADWAY AS OF
NORTH AND SOUTH MILES WEST OF 101
PERMIT REQUIRED

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

No.	Date	By	Ckd.	Appr.	Revisions
1	05/08	AJB	MTM	MAA	ADDRESS SPOKANE CO. 2/10/08 COMMENTS

Drawn AJB Date 02/21/06
Designed AJB 02/21/06
Checked MAA 02/21/06

DATE 2/21/07

The design improvements shown in this set of plans and specifications will form to the applicable sections of the Spokane County Standards for Road and Sewer Construction and the Spokane County Guidelines for Stormwater Management. All design revisions have been approved by the Spokane County Engineer. Approve these plans for construction.

Taylor Engineering, Inc.
Civil Design and Land Planning
N. 108 Meadow Ave.
Spokane, Washington 99201
(509) 328-3311 FAX (509) 328-8554

SPOKANE COUNTY PUBLIC WORKS
DIVISION OF ENGINEERING AND ROADS
N. 1026 Broadway Ave.
Spokane WA 99260-0170
477-7281

Owner's Approval SEE DRAW. McCOY SIGNATURE LETTER Date 02/21/07

VERTICAL DATUM: ELEVATIONS AT CENTERLINE OF EAST BROAD LANE, SEE SHEET 11 FOR DETAILS. DATUM IS NAVD 88 AS SHOWN ON PLAT BOUNDARY SURVEY, 2004 TO NAVD 88.
GRID MID NAME: 0503B NRCS TOC DWG
50 25 0 50 100
SCALE: 1"=50'

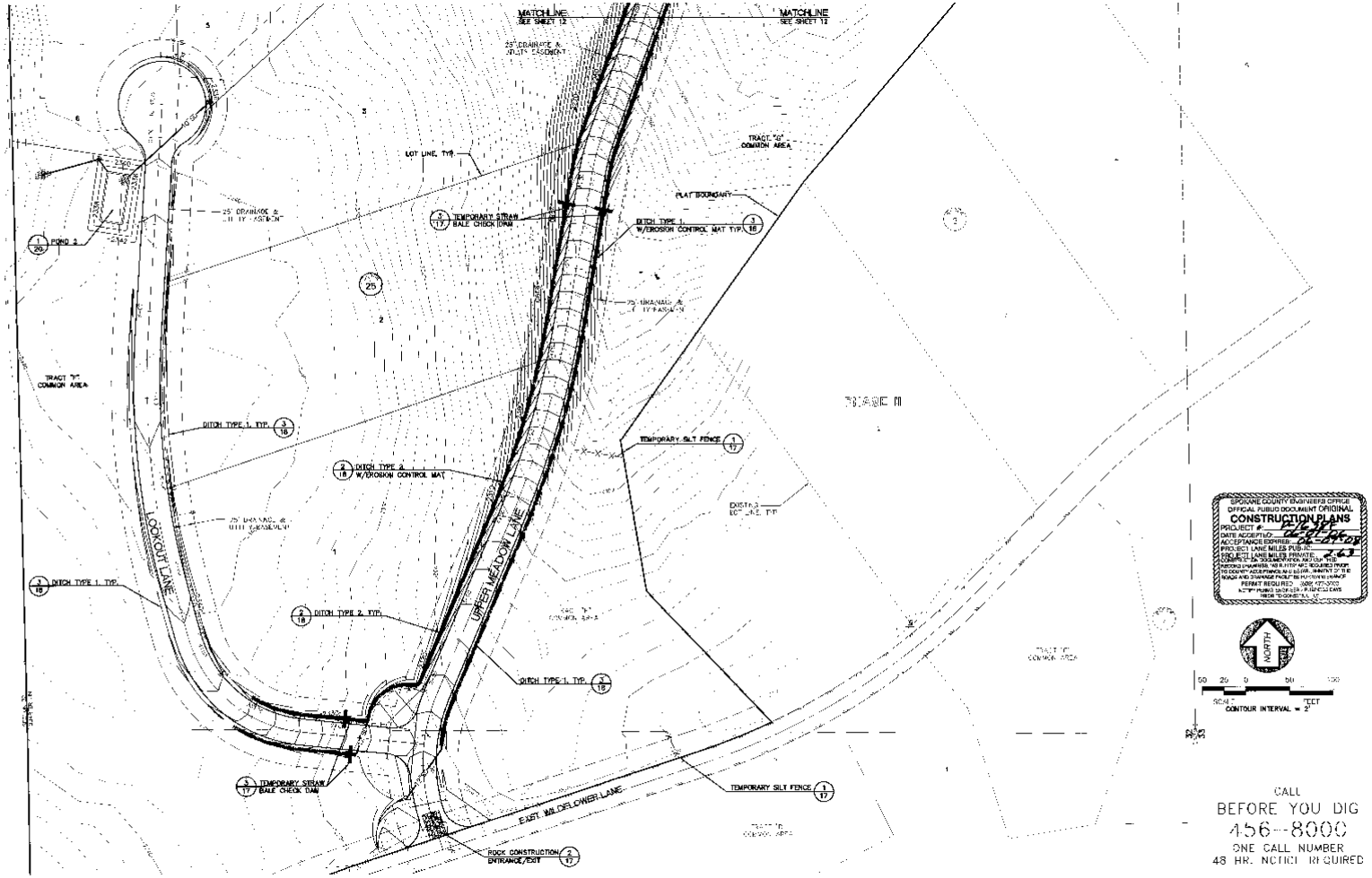
SCALE
HORZ. 1"=50'
VERT. 1"=10'

RIDGE AT HANGMAN PHASE VII

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

ROAD
SHEET
10
20

A/NSF Engineering



SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT # 2-5-01
DATE ACCEPTED: 02-27-06
ACCEPTANCE EXPIRES: 02-27-08
PROJECT LANE MILES PUBLIC: 2.63
PROJECT LANE MILES PRIVATE: 0
PERMIT REQUIRED (509) 477-3700

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

No.	Date	By	Chk	Appr.	Revisions
1	05/08	ALB	MFM	MAA	ADDRESS SPOKANE CO. 2/10/06 COMMENTS

Drawn: ALB 12/01/06
Designed: MFM 12/01/06
Checked: MAA 12/01/06

The design improvements shown on this set of plans and specifications conform to the applicable editions of the Spokane County Standards for Road and Bridge 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. 1426 Sycamore Ave.
Spokane, Washington 99223
(509) 534-0277 FAX (509) 328-9254

Owner's Approval: Mr. HANAN McCOY SCHAUBURG Date 12/27/01

SPOKANE COUNTY PUBLIC WORKS
DIVISION OF ENGINEERING AND ROADS

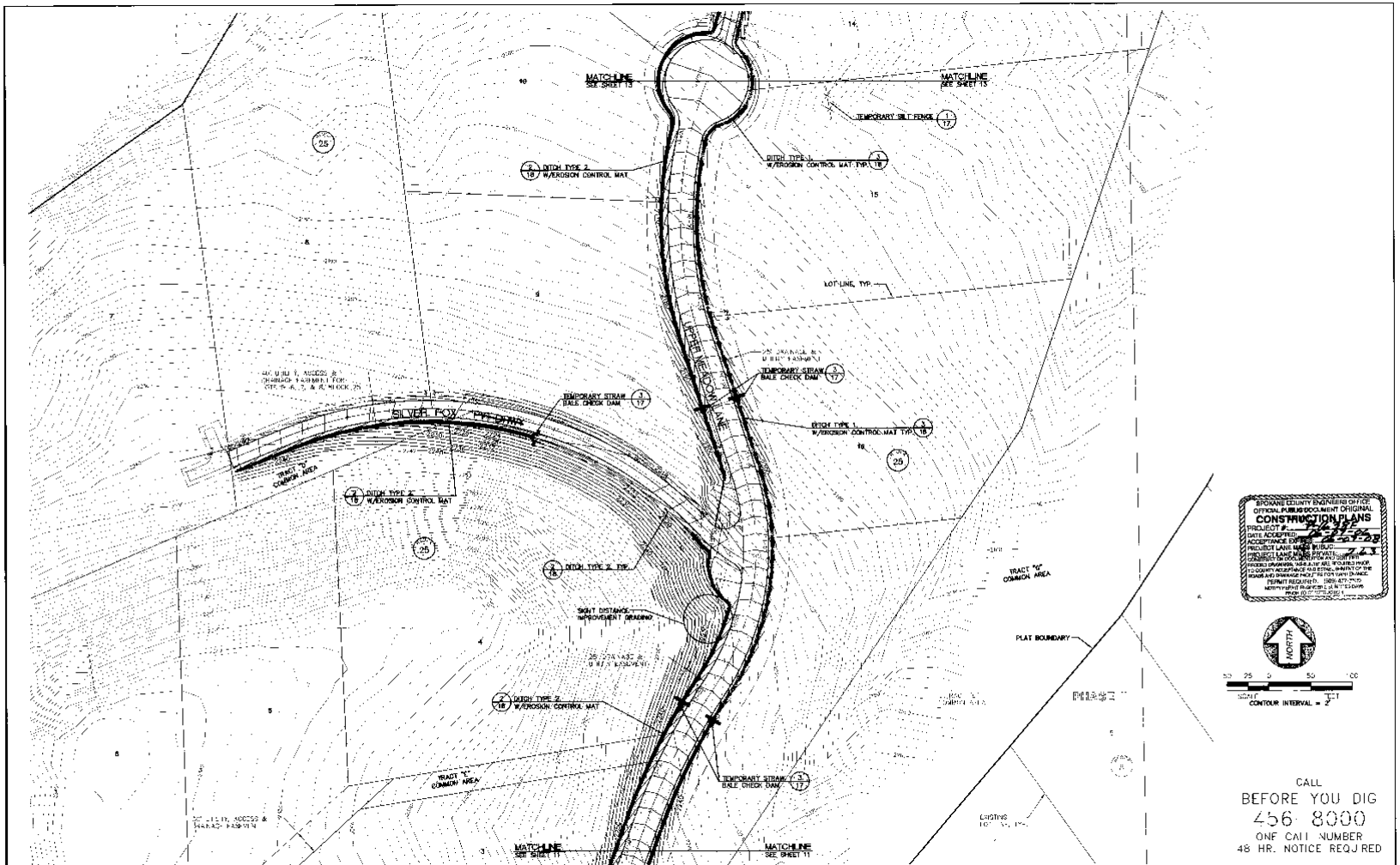
CADD FILE NAME: 0600ARR.DWG

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



No.	Date	By	Ckd.	Appr.	Revisions
1	12/1/06	AHH	MPM	MAA	ADDRESS SPOKANE CO 12/10/06 COMMENTS

Drawn AJE 12/01/06
Designed MPM 12/01/06
Checked MAA 12/01/06

DFMS 2/1/07

The design improvements shown in this set of plans and specifications 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
N. 1208 Sherman Ave
Spokane, Washington 99201
(509) 328-8211 FAX (509) 328-8224

Owner's Approval SEE DRAIN MGCC - SIGNATURE LETTER Date 12/21/06

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

VERTICAL DATUM: NGVD 29 (MEAN SEA LEVEL) ... 1929 ADJUSTMENT ... 1929 ADJ. (NGVD 29)
CADD FILE NAME: USGABRIDGE.DWG
50 25 0 50 100
SCALE FEET

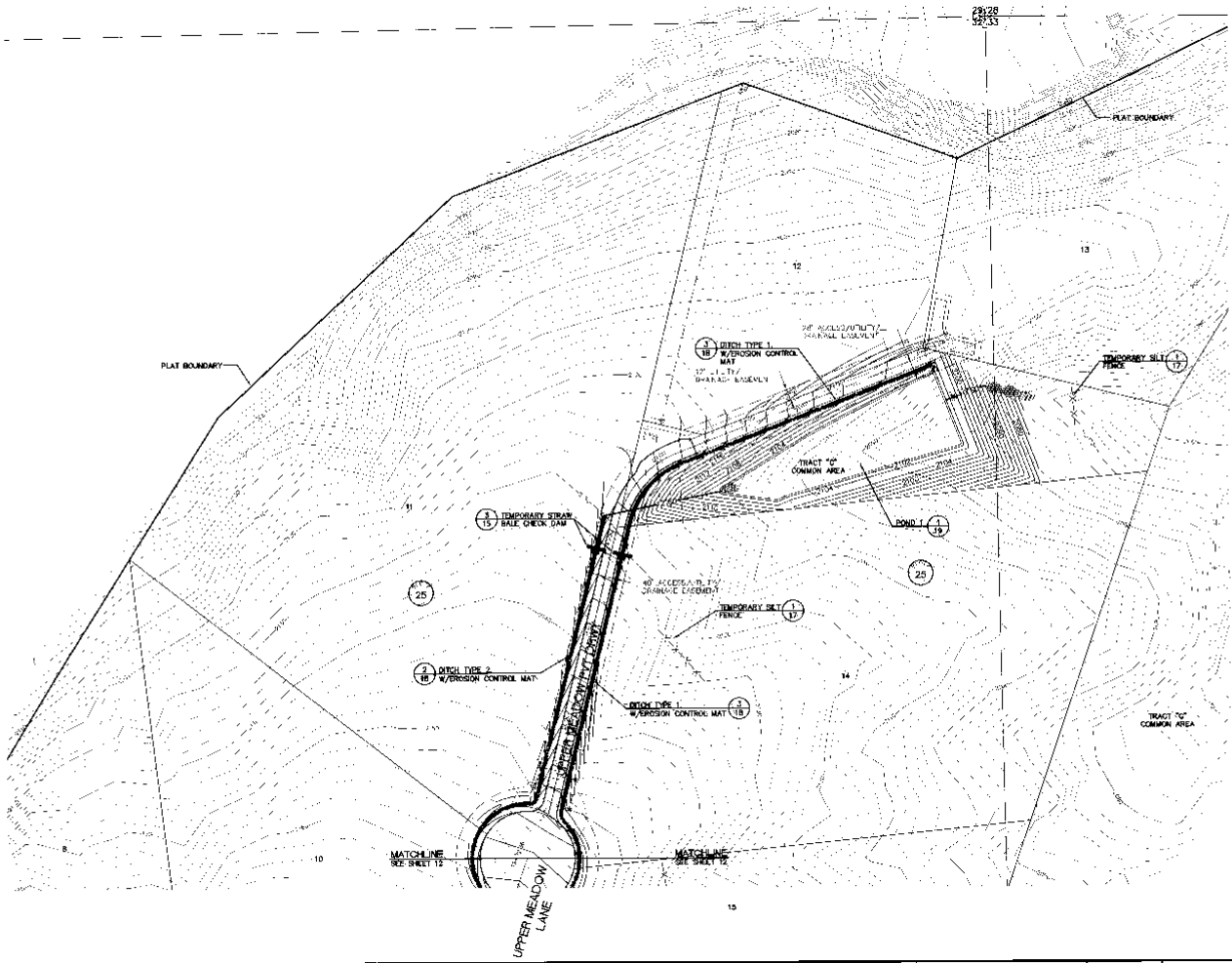
SCALE
HORIZ 1"=50'
VERT 1"=10'

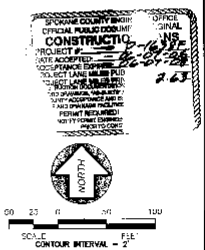
RIDGE AT HANGMAN PHASE VII

UPPER MEADOW LANE - NORTH and SILVER FOX PIT DRAIN GRADING and EROSION/SEDIMENT CONTROL PLAN

GRADING
SHEET 12 / 20

Filed Drawings





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

No	Date	By	Ckd	Appr.	Revisions
1	05/05	ALB	MFM	MAA	ADDRESS SPOKANE CO. 12/10/06 COMMENTS

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

The design improvements shown in this set of plans are calculations known 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
9 106 Mission Ave.
Spokane, Washington 99201
(509) 328-8911 FAX (509) 328-8922

Owner's Approval: SHERMAN McCOY SIGNATURE LETTER — Date: 02/01/07

SPOKANE COUNTY PUBLIC WORKS
DIVISION OF ENGINEERING AND ROADS
9 1026 Broadway Ave.
Spokane, Wa. 99260-0170
477-3600

VERTICAL DATUM: [illegible]

CADD FILE NAME: [illegible]

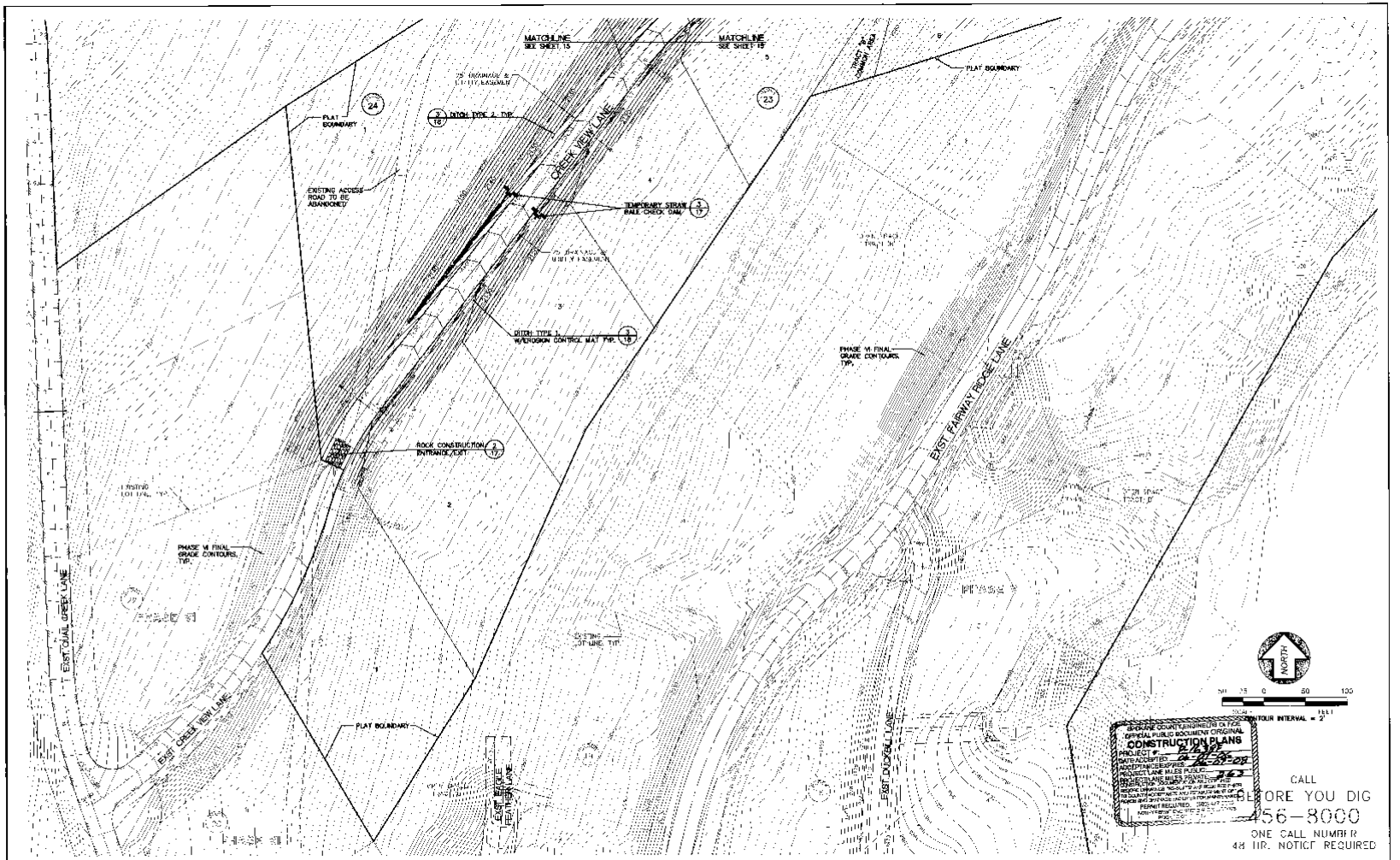
SCALE: HORIZ. 1"=50' VERT. 1"=10'

RIDGE AT HANGMAN PHASE VII

UPPER MEADOW PVT DRWY
GRADING and EROSION/SEDIMENT
CONTROL PLAN

GRADING SHEET 13/20

P-1638F Engineer Drawing



No.	Date	By	Chkd	Appr.	Revisions
1	05/08	ALD	MFM	MAA	ADDRESS SPOKANE CO. 2/10/08 COMMENTS

Drawn: GRH Date: 09/01/06
Designed: MFM Scale: 1"=50'-0"
Checked: MAA Date: 02/27/08

The design improvements shown on this set of plans and calculations conform to the applicable criteria in 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 Monroe Ave.
Spokane, Washington 99201
(509) 326-5371 FAX (509) 326-5821

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

Owner's Approval: SEE SHAN MCCOY SIGNATURE LETTER Date: 02/27/08

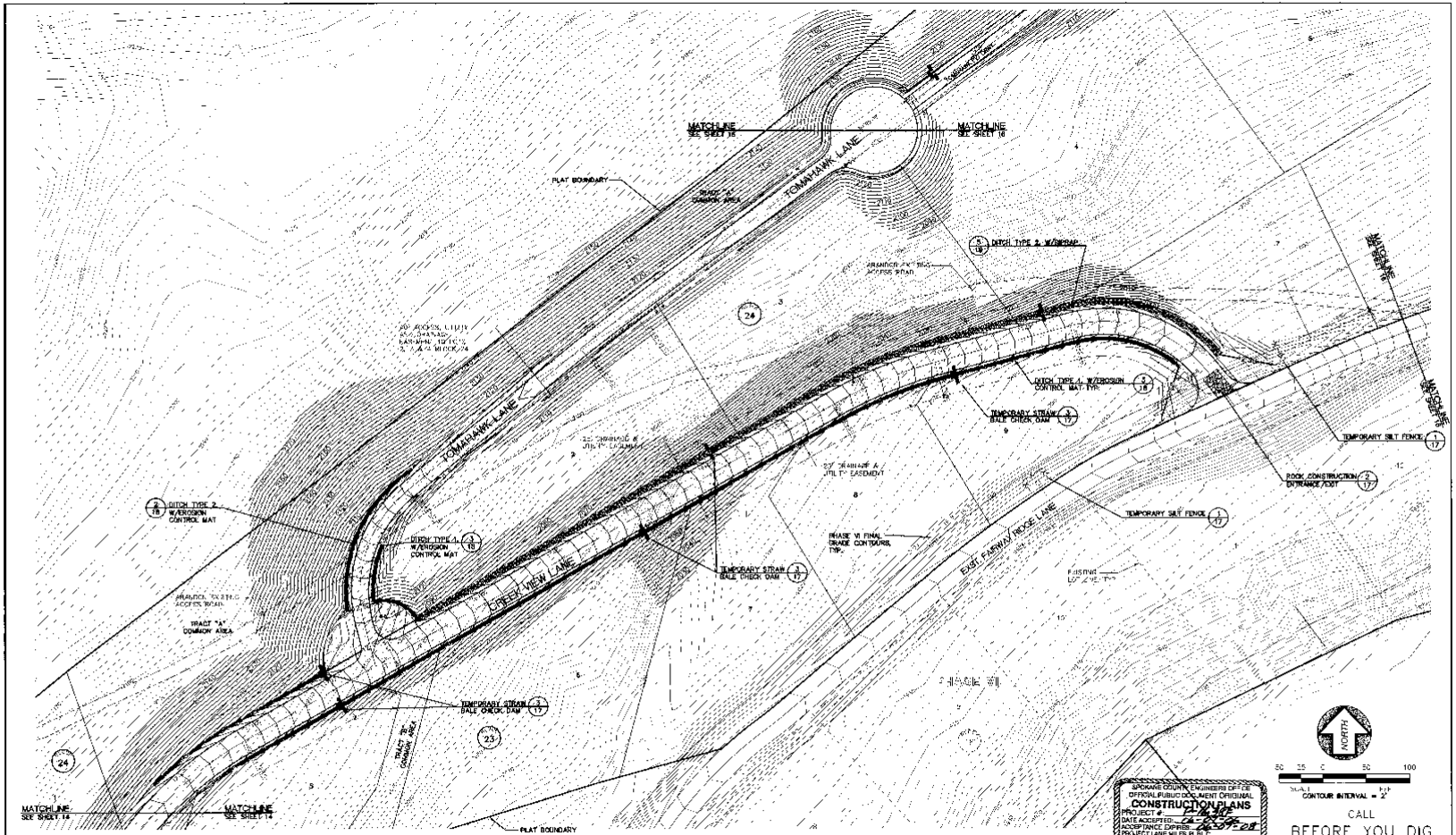
VERTICAL DATUM: As noted at centerline of dual creek lane, see sheet 14, sheet 15, sheet 16 and sheet 17 of plan and profile, and sheet 18 of plan.
CADD FILE NAME: 0506QUICK.DWG
SCALE: 50 25 0 50 100
HORIZ. 1"=50'
VERT. 1"=10'

RIDGE AT HANGMAN PHASE VII

CREEKVIEW LANE - SOUTH
GRADING and EROSION/SEDIMENT CONTROL PLAN

GRADING
SHEET 14 / 20

A/1028F



No.	Date	By	Ckd	Appr.	Remarks
1	02/08	ALE	M-W	MAA	ADDRESS SPOKANE CO. 2/20/08 COMMENTS

Drawn: AR Date: 08/31/02
Designed: VPH 02/01/06
Checked: CAS 02/01/06

The design, improvements shown on 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
A Life Science Inc
Spokane, Washington 99201
(509) 838-8317 FAX (509) 328-8054

Owner's Approval: SEE BRIAN MOORE'S SIGNATURE LETTER Date: 02/20/01

SPOKANE COUNTY PUBLIC WORKS
DIVISION OF ENGINEERING AND ROADS
N 1326 Broadway Ave.
Spokane, Washington 99201
(509) 477-3600

VERTICAL DATUM: NGVD 1929 AT CENTERLINE OF BALL PATH LANE, BEG. ELEVATION OBTAINED FROM A POINT OF SINGLE CURVATURE AT THE WARRANTY DEED, DOCUMENT #

CADD FILE NAME: CONGREEK1.DWG

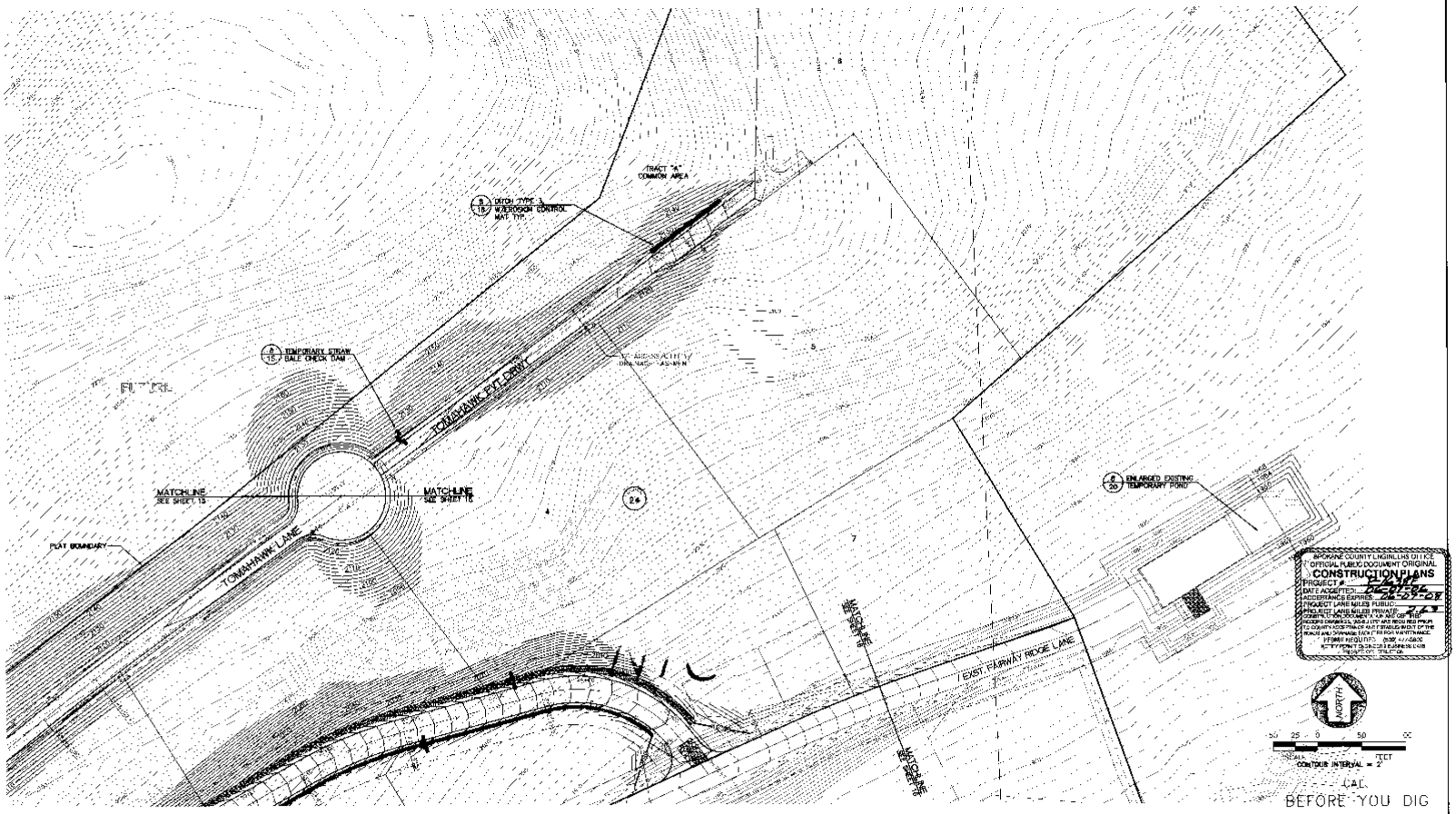
SCALE: HORIZ. 1"=50' VERT. 1"=5'

RIDGE AT HANGMAN PHASE VII

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

GRADING SHEET 15 / 20

P-16387 Original Drawing



SPOKANE COUNTY LAND USE OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT # S-
DATE ACCEPTED: 12-27-06
ACCEPTANCE EXPIRES: 12-27-08
PROJECT LANE MILES PUBLIC:
PROJECT LANE MILES PRIVATE: 1.63
PROJECT DESCRIPTION: GRADING OF THE ACCESS DRIVEWAY, INSTALLATION AND REMOVAL OF THE TEMPORARY CONSTRUCTION EROSION CONTROL FACILITIES WEST OF THE ROAD AND SUBMITTING EACH FOR REVIEW AND IMAGE.
PERMIT REQUIRED: DOE #1/-5800
SETTLEMENT DEADLINE: 12-27-08
SIGNATURE OF "STAFF OK"

No.	Date	By	Chkd.	Appr.	Revisions
1	05/06	ALE	MFH	MAK	ADDRESS SPOKANE CO. 2/10/06 COMMENTS

Drawn — Date 12-28-06
Designed — MFH — 12-27-06
Checked — MAK — 12-27-06

The design improvements shown in this set of plans and calculations conform to the applicable portions 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. 106 Mission, Ste.
Spokane, Washington 99201
(509) 326-5337, FAX (509) 326-5534

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

Owner's Approval: SEE BRIAN MCCOY SIGNATURE — Date 02/07/07

VERTICAL DATUM: [illegible]
CADD FILE NAME: 16HANGFRDWG
SCALE: 20 10 0 50 100

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

RIDGE AT HANGMAN PHASE VII

TOMAHAWK LANE PVT DRWY
GRADING and EROSION/SEDIMENT
CONTROL PLAN

GRADING
SHEET 16 / 20

P/L & E Original Drawing

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:

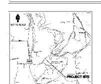
10 PERCENT	DWARF (LOW GROWING) PERENNIAL RYE
15 PERCENT	REUBENS CANADIAN BLUEGRASS
30 PERCENT	DURAR HARD FESCUE
45 PERCENT	COVAR/SHEEP FESCUE

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

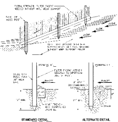
GRASS SEED:	50 LBS. PER ACRE
FERTILIZER:	16-16-16 TIMED RELEASE COMPOSITION, 300 LBS PER ACRE.

    ALL SEEDING OF SLOPES SHALL BE DONE IN ACCORDANCE WITH THE WSDOT STANDARD SPECIFICATIONS, SEC. 8-01.

PROPERTY OWNER:	SEAGARD WASHINGTON, L.P.
PERMIT APPLICANT:	SEAGARD 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 CONSTRUCTION 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:	MrB- MARBLE SANDY LOAM SoC- SPOKANE VERY STONY SILT LOAM BhD- BERNHILL SILT LOAM HeB- HESSELTINE SILT LOAM HeF- HESSELTINE STONY SILT LOAM
LEGAL DESCRIPTION:	SEE THIS SHEET



VICINITY MAP



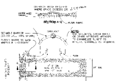
STANDARD DETAIL

ALTERNATE DETAIL

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 EFFICIENCY. EXACT LOCATIONS TO BE DETERMINED IN THE FIELD.

1 — 11-16 — TEMPORARY SILT FENCE — NOT TO SCALE



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 [illegible] LANE.

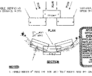
2 — 11-16 — ROCK CONSTRUCTION ENTRANCE/EXIT — NOT TO SCALE

LEGAL DESCRIPTION:

[illegible]

LEGAL DESCRIPTION (CONT.)

[illegible]



SPOKANE COUNTY ENGINEER'S OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #: P1638F
DATE ACCEPTED: 06-27-06
ACCEPTANCE EXPIRES: 12-27-08
PROJECT LANE MILES PUBLIC:
PROJECT LANE MILES PRIVATE: 2.63
PERMIT REQUIRED: [illegible]

NOTES:

1. [illegible] 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 PROMPTLY.

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
1	03/08	ALB	MPW	MAA	ADDRESS SPOKANE CO. 7/10/06 COMMENTS

Drawn	ARB	02/21/06
Designed	MPW	02/21/06
Checked	CKA	02/21/06

The design improvements shown in this set of plans and construction drawings [illegible] 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
[illegible] Mission Ave.
Spokane, Washington [illegible]
(509) 328-3371 FAX (509) 328-8224

SPOKANE COUNTY PUBLIC WORKS
DIVISION OF ENGINEERING AND ROADS
[illegible] Broadway Ave.
Spokane, WA [illegible]
477-3600

Owner's Approval: [illegible] Date: [illegible]

VERTICAL DATUM: [illegible]

CADD FILE NAME: [illegible]

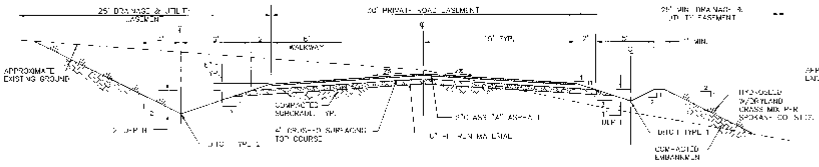
SCALE
HORIZ. 1"=50'
VERT. [illegible]

RIDGE AT HANGMAN PHASE VII

TEMPORARY EROSION/SEDIMENT CONTROL PLAN DETAILS

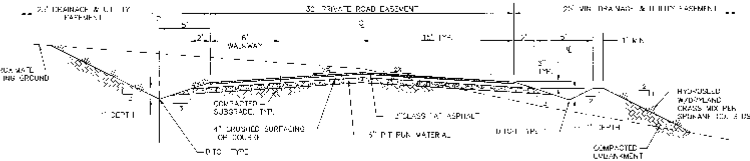
GRADING
SHEET
17 / 20

P1638F [illegible]



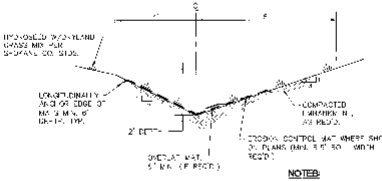
PRIVATE ROAD SECTION (CUT) - UPPER MEADOW LANE and CREEKVIEW LANE

NOT TO SCALE



PRIVATE ROAD SECTION (CUT) - LOOKOUT LANE

NOT TO SCALE

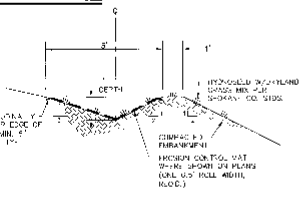


NOTES:

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

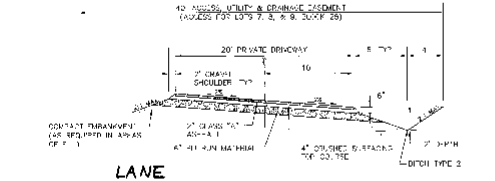
DITCH TYPE 2 W/EROSION MAT

NOT TO SCALE



DITCH TYPE 1 W/EROSION MAT

NOT TO SCALE



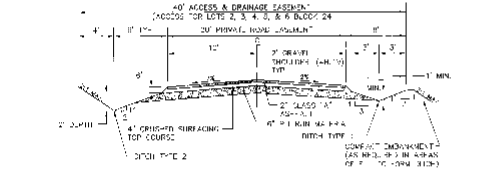
LANE

SILVER FOX ~~PATHWAY~~ - SECTION

NOT TO SCALE

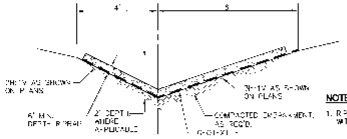
PRIVATE ROAD SECTION (FILL) - UPPER MEADOW LANE

NOT TO SCALE



PRIVATE ROAD SECTION - TOMAHAWK LANE

NOT TO SCALE



NOTES:

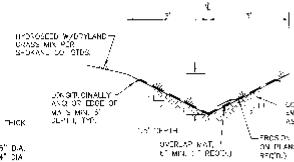
1. RIPRAP PAD SHALL BE INSTALLED 1.0' THICK WITH THE FOLLOWING GRADATION:

   10% TO 30% MAX. STONE SIZE-4" DIA.
   70% TO 90% MED. STONE SIZE-4" DIA.
   10% TO 30% MIN. STONE SIZE-6" DIA.

2. GEOTEXTILE SHALL BE INSTALLED UNDER RIPRAP AND PAVED AREAS, OR APPROVED EQUAL.

DITCH TYPE 2 W/RIPRAP

NOT TO SCALE



NOTES:

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

DITCH TYPE 3 W/EROSION CONTROL MAT

NOT TO SCALE

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT # [illegible]
DATE ACCEPTED [illegible]
ACCEPTANCE EXPIRES: [illegible]
PROJECT LANE MILES PUBLIC: [illegible]
PROJECT LANE MILES PRIVATE: [illegible]
SIGNED: [illegible]
SIGNATURE DATE: [illegible]
PERMIT REQUIRED: [illegible]
PERMIT NUMBER: [illegible]

No.	Date	By	Ckd.	Appr.	Revisions
	05/06	ALB	MFM	MAP	ADDRESS SPOKANE CO. 2/15/06 COMMENTS

Drawn ALB 02/06/06
Designed M.N. 02/06/06
Checked MAP 02/01/06

EXPIRES 2/1/07

The design improvements shown in this set of plans and specifications are in the applicable editions of the Spokane County standards for Road and Sewer Construction, 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, Water, Gas, Road, Stormwater
108 Nicholas Ave
Spokane, Washington 99201
(509) 838-5011 FAX (509) 838-9954

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

Owner's Approval SEE OWNER REVIEW SIGNATURE LETTER Date 02/01/06

VERTICAL DATUM: AS GIVEN AT CORNER OF SECTIONS 33 & 34 T26N R42E, 33 & 34 T25N R42E, 3 & 4 T24N R42E, 3 & 4 T25N R42E, WM. ELEV. 2,000.

GRID FILE NAME: 052606 DETAILS.DWG

50 25 0 50 100
SCALE FEET

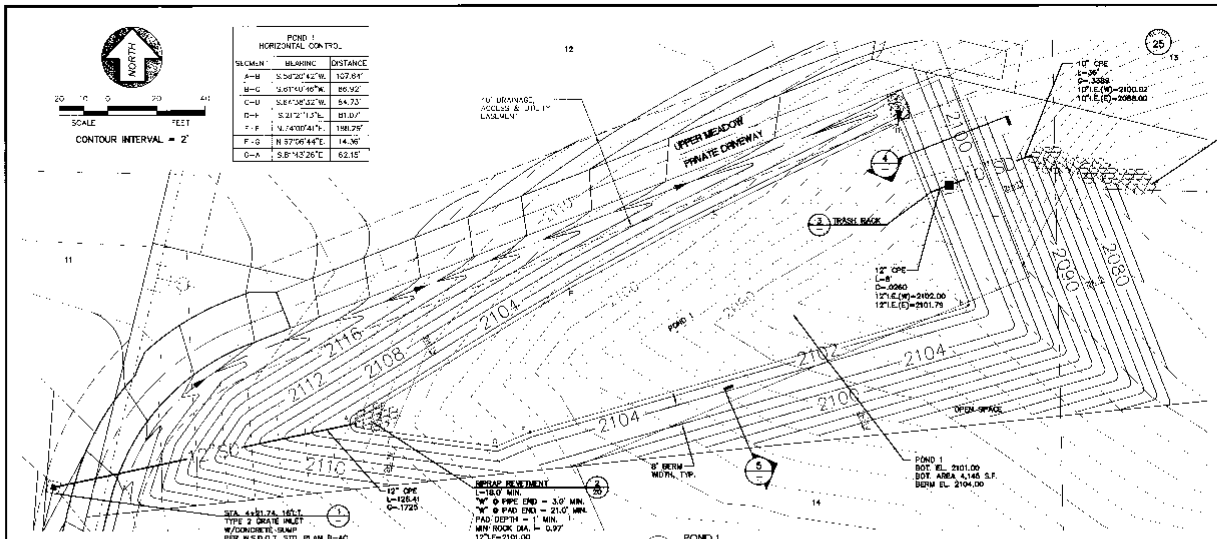
SCALE
HORZ. N/A
VERT. N/A

RIDGE AT HANGMAN PHASE VII

ROAD SECTIONS and DITCH DETAILS

DETAILS
SHEET 18 / 20

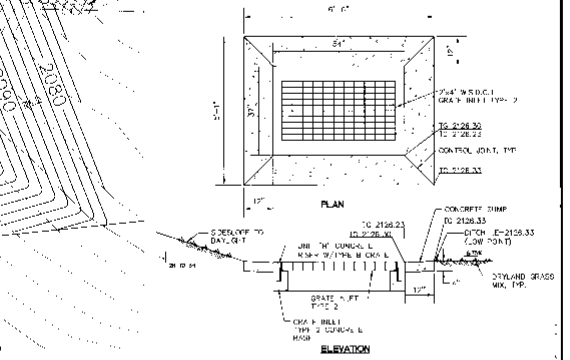
P:1635F Cmp&Rd Drawings



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 GUIDELINES FOR STORMWATER MANAGEMENT DOCUMENT.
2. CPE (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.

POND 1
1" = 20'-0"



GRATE INLET TYPE 2 W/CONCRETE SUMP
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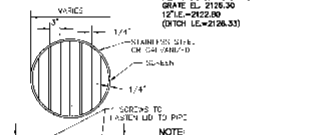

TRASH RACK
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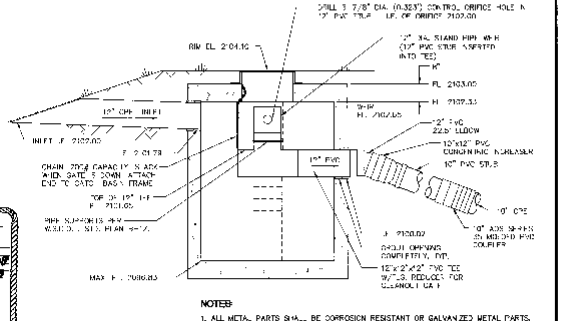
POND BERM FILL SECTION
NOT TO SCALE



POND 1 OUTLET STRUCTURE
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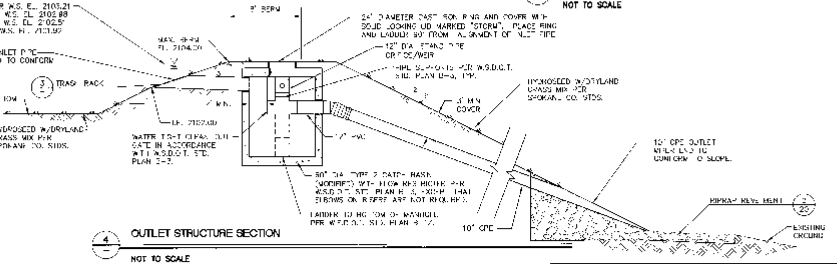


OUTLET STRUCTURE SECTION
NOT TO SCALE

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT # P-2002
DATE ACCEPTED 05-07-06
ACCEPTANCE EXPIRES 06-07-08
PROJECT LANE MILES 1.63
PROJECT LANE MILES PAVED 1.63
CONTRACTOR CERTIFICATION: ALL SERVICES RECORD DRAWINGS THE MULTI-USE AND REQUIRED FIELD QUALITY ACCEPTANCE AND CERTIFICATION OF THE ROADS AND DRAINAGE PRIOR TO PAVEMENT OVERLAY PERMIT REQUIRED (509) 477-7200
NOTIFY PERMIT ENGINEER 24 HOURS PRIOR TO PROJECT CONSTRUCTION

No.	Date	By	Ckd	Appr.	Revisions
1	05/06	ALB	MFM	MAA	ADDRESS SPOKANE CO. 2/10/06 COMMENTS

Drawn JLB 02/09/06
Designed MFM 02/01/06
Checked MAA 02/01/06

The design improvements shown on this set of plans are called upon to meet the applicable editions of the Spokane County Standards for Road and Sewer Construction and the Spokane County Guidelines for Stormwater Management. Any design deviations have been approved by the Spokane County Engineer. Approval of these plans for construction

Taylor Engineering, Inc.
Civil Design and Land Planning
N. 108 Mission Ave.
Spokane, Washington 99202
(509) 328-8311 FAX (509) 328-8324

Owner's Approval SEE BRIAN KESTY SIGNATURE BELOW Date 02/21/06

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

VERTICAL DATUM: NGVD 29 (SPOKANE COUNTY DATUM) ADJUSTED FROM NGS BENCHMARK "BRIDGE" (ELEV. 2128.24) (NAVD 88) BENCHMARK EL.=2128.24 (NAVD 88)
GRID NAME: SPOKANE COUNTY
00 25 0 50 100
SCALE FEET

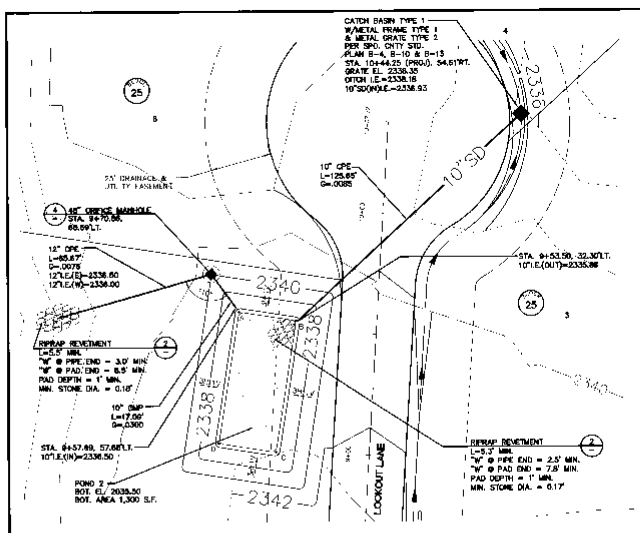
SCALE
HORIZ AS NOTED
VERT AS NOTED

RIDGE AT HANGMAN PHASE VII

POND 1 and DRAINGAGE DETAILS

STORM SHEET 19 / 20

P-16386 Eng Bond Drawings



POND 2

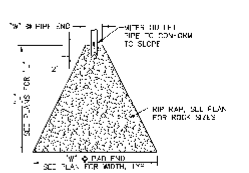
1" = 20'-0"

CONTOUR INTERVAL = 2'

POND 2 HORIZONTAL CONTROL		
SEGMENT	BEARING	DISTANCE
A-B	N.81°01'11"W.	23.70'
B-C	S.08°58'49"W.	55.00'
C-D	N.81°01'11"W.	23.70'
D-A	S.08°58'49"W.	55.00'

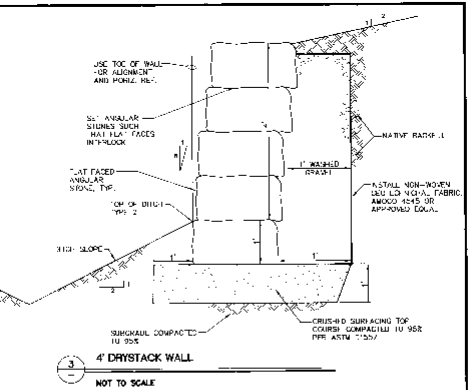
CONSTRUCTION NOTES:

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.



2 RIPRAP REVETMENT

NOT TO SCALE



3 4' DRYSTACK WALL

NOT TO SCALE

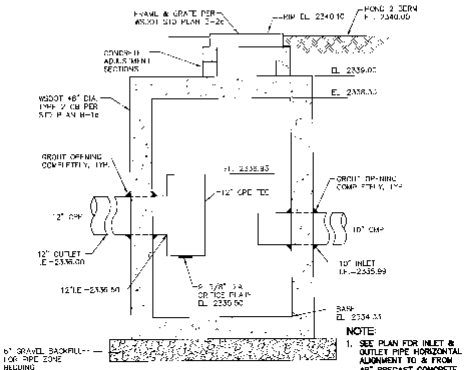
ENLARGED EXISTING TEMPORARY POND HORIZONTAL CONTROL		
SEGMENT	BEARING	DISTANCE
A-B	N.58°25'26"E.	198.15'
B-C	S.31°34'34"E.	52.31'
C-D	N.58°25'26"E.	198.15'
D-E	S.26°22'01"E.	23.73'
E-A	S.35°54'34"E.	28.77'

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.

SPOKANE COUNTY ENGINEERING OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #: 2-2-3-F
DATE ACCEPTED: 2-2-96
ACCEPTANCE EXPIRES: 2-2-98
PROJECT LANE MILES PUBLIC:
PROJECT LANE MILES PRIVATE:
CERTIFICATE OF COMPLETION INSPECTOR:
RECORD DRAWINGS AS BUILT ARE REQUIRED PRIOR TO ISSUANCE OF FINAL ACCEPTANCE OR ON-HOLD OF THE PERFORMANCE BOND FOR MAINTENANCE.
PERMIT REQUIRED: (509) 477-7300
NOTIFY 48 HOURS PRIOR TO START (509) 477-3600
NEW SCHEME NUMBER:

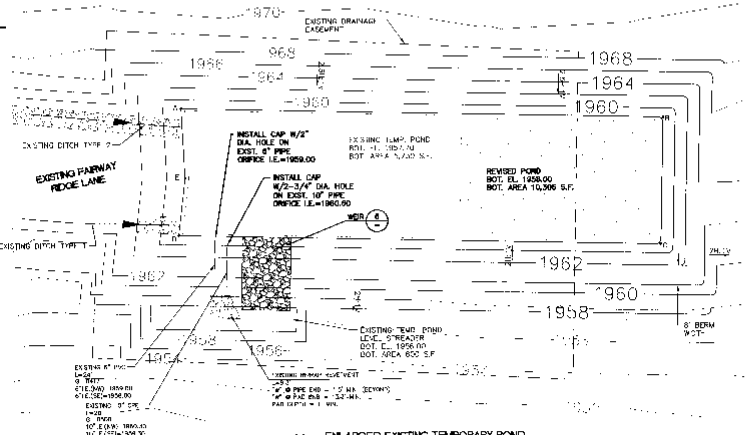


NOTE:

1. SEE PLAN FOR INLET & OUTLET PIPE HORIZONTAL ALIGNMENT TO & FROM 48" PRECAST CONCRETE STRUCTURE.

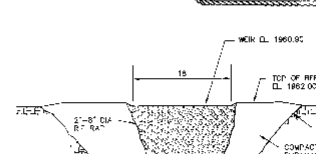
4 ORIFICE MANHOLE

NOT TO SCALE



5 ENLARGED EXISTING TEMPORARY POND

NOT TO SCALE



6 WEIR

FRONT VIEW

NOT TO SCALE

No.	Date	By	Chk	Appr.	Revisions
1	06/06	AIR	MFM	MAK	ADDRESS SPOKANE CO 2/10/96 COMMENTS

Drawn ALE Date 02/01/96
Designed MFS 02/01/96
Checked MAK 02/01/96

FINRS 2/1/97

The design improvements shown on this set of plans and specifications conform to the applicable editions 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. I approve these plans for construction.

Taylor Engineering, Inc.
Civil Design and Land Planning
W. 106 Broadway Ave.
Spokane, Washington 99201
(509) 326-3571 FAX (509) 326-9224

Owner's Approval SEE REVIEW WORKS SIGNATURE LETTER Date 02/01/97

SPOKANE COUNTY PUBLIC WORKS
DIVISION OF ENGINEERING AND ROADS
W. 1026 Broadway Ave.
Spokane, Wa. 99201-1170
477-3600

VERTICAL DATUM: PLANSON AT STATIONING OF BLA. SHEET LANE STA 10+44.74, ELEVATION 2334.7 (NAVD 88 DATUM) (NAVD 88 DATUM ELEVATION = ELEVATION BENCHMARK EL. 2096.77 (NAVD 88))

CADD FILE NAME: 0326857.DET.DWG

50 25 0 50 100
SCALE 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-16387