ROAD AND DRAINAGE PLANS FOR:

THE Ridge AT HANGMAN

PHASE VI

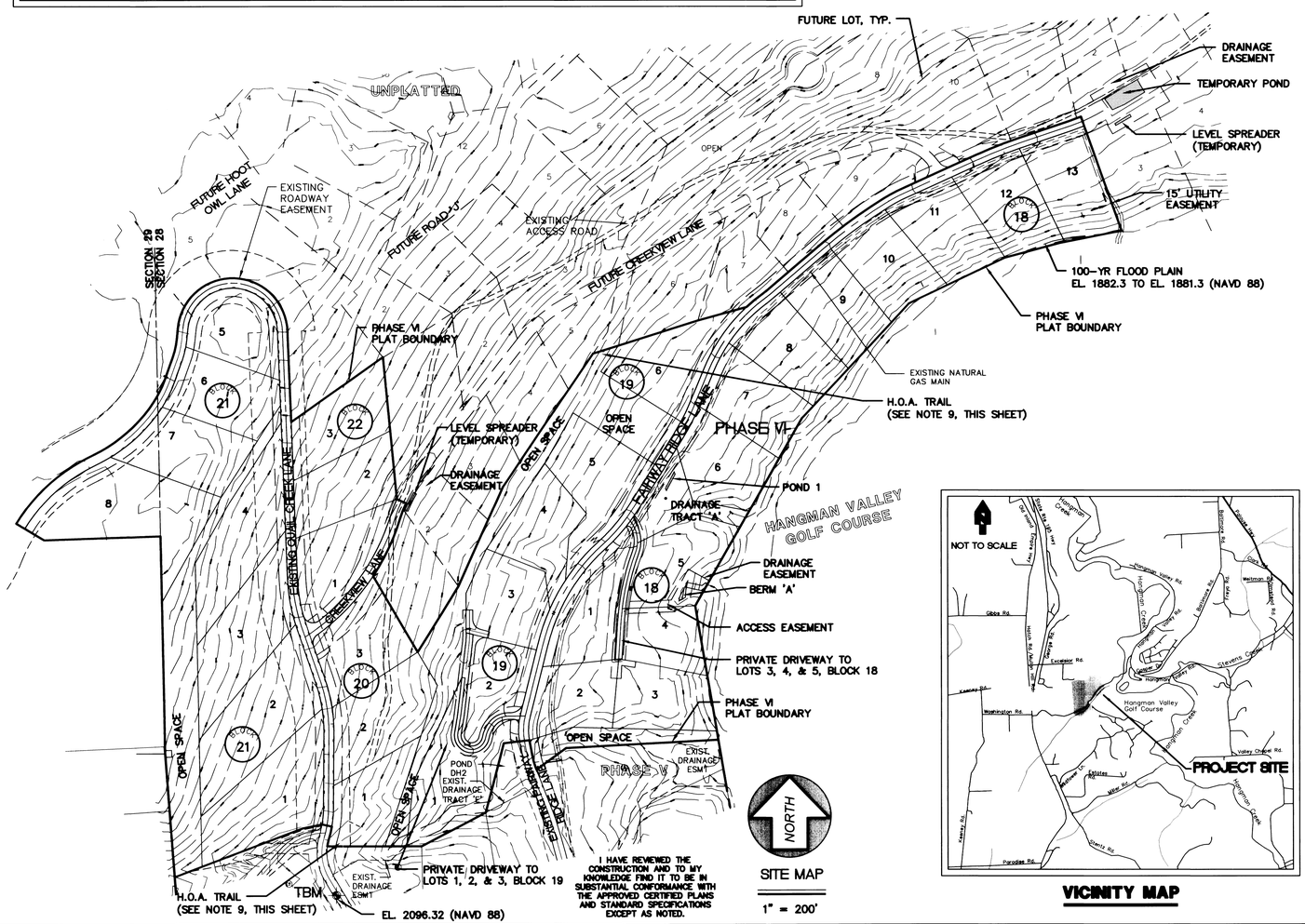
SPOKANE COUNTY, WASHINGTON

S.28 AND 29, T.24N., R.43E., W.M.

INDEX OF DRAWINGS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	FAIRWAY RIDGE LANE STA. 28+99.97 TO STA. 42+50
3	FAIRWAY RIDGE LANE STA. 42+50 TO STA. 56+19.38
4	CREEKVIEW LANE STA. 0+00 TO STA. 5+11.68
5	POND 1 PLAN AND DETAILS
6	18" STORM DRAIN PLAN AND PROFILE
7	BERM 'A' and TEMPORARY POND PLAN AND DETAILS
8	TEMPORARY LEVEL SPREADER AND EXISTING POND DH2 OUTLET STRUCTURE MODIFICATION PLAN AND DETAILS
9	OVERALL EROSION and SEDIMENT CONTROL PLAN
10	GRADING and EROSION CONTROL PLAN SOUTH
11	GRADING and EROSION CONTROL PLAN NORTH
12	TEMPORARY EROSION and SEDIMENT CONTROL DETAILS
13	ROAD SECTIONS, DITCH DETAILS AND LOT 1, BLOCK 9 GRADING

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 "2002 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.
9. COORDINATE HOMEOWNER'S ASSOCIATION TRAIL LOCATION, SIZE, TYPE AND CONSTRUCTION REQUIREMENTS WITH OWNER.
10. THE REGULATIONS OF THE NATIONAL FLOOD INSURANCE PROGRAM SHALL BE OBSERVED AS THIS PLAT IS AFFECTED BY A FLOOD HAZARD ZONE. A FLOODPLAIN DEVELOPMENT PERMIT SHALL BE OBTAINED FROM THE COUNTY ENGINEER BEFORE CONSTRUCTION OR DEVELOPMENT BEGINS WITHIN ANY AREA OF SPECIAL FLOOD HAZARD (REF. CHAPTER 3.20 OF THE SPOKANE COUNTY CODE – FLOOD DAMAGE PROTECTION) OR WITHIN ANY LOT ALL OR PORTION OF WHICH INCLUDES A SPECIAL FLOOD HAZARD (LOTS 12 AND 13, BLK. 18). THIS INCLUDES ANY STRUCTURES, EXCAVATION, FILL PLACEMENT, PAVING, ETC. AND IS APPLICABLE ALSO TO DRIVEWAYS, ROADS, AND APPROACHES.



SITE MAP

1" = 200'

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.

VICINITY MAP

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT
ORIGINAL
"AS-BUILTS"
CERTIFIED RECORD DRAWINGS
PROJECT #: P1638 E
DATE ACCEPTED: 6/13/06

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 WATER VALVE
EXISTING ACCESS ROAD	PROPOSED CONCRETE THRUST BLOCK
	PROPOSED WATER LINE FITTING (TYP.)
	PROPOSED OUTLET STRUCTURE
	PROPOSED POND BOTTOM
	PROPOSED ASPHALT PAVEMENT
	PROPOSED RIPRRAP REVETMENT PAD

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48 HR. NOTICE REQUIRED

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1	5/04	ALB	MFM	MAA	ADDRESS 1/29/04 CO. COMMENTS

		Date
Drawn	ALB	10/24/03
Designed	MFM	10/24/03
Checked	MAA	10/24/03

MICHAEL F. MOSER, STATE OF WASHINGTON, 29107, REGISTERED PROFESSIONAL ENGINEER
EXPIRES 2/1/07

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

Owner's Approval ORIGINALLY SIGNED BY AMY BALLARD PER BRIAN McCOY SIGNATURE LETTER DATED FEBRUARY 1, 2001. Date

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

VERTICAL DATUM: PK (#505) AT CENTERLINE OF QUAIL CREEK LANE, STA. 18+99.24, (APPROX. 220±' SOUTH OF PHASE V AND PHASE VI PLAT BOUNDARY) EL. 2096.32 (NAVD 88)

CADD FILE NAME: 02132COV-ASB.DWG

200 100 0 200 400
SCALE FEET

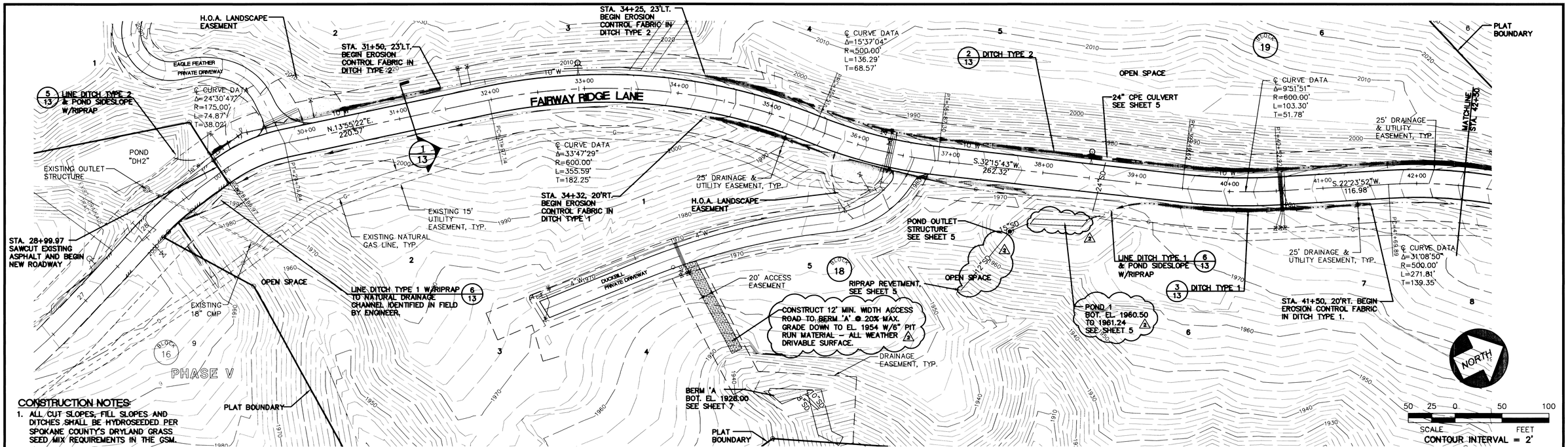
SCALE
HORIZ. N/A
VERT. N/A

RIDGE AT HANGMAN PHASE VI

COVER SHEET

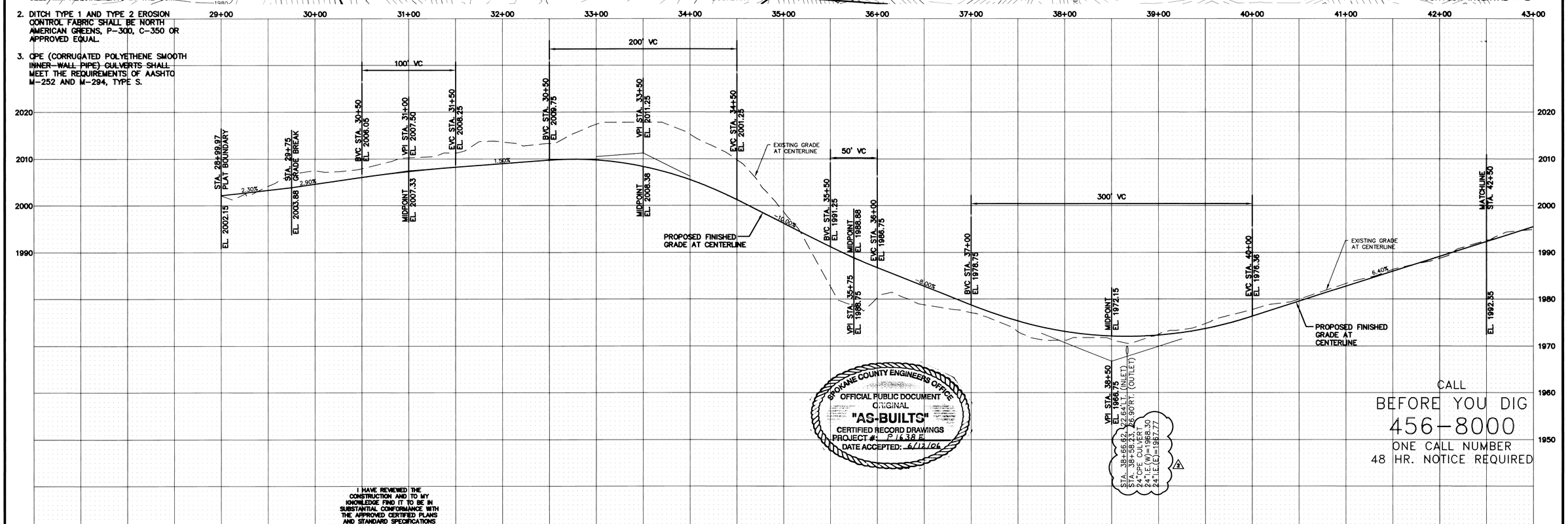
COVER SHEET 1/13

P-1638E Eng As Built



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 FABRIC SHALL BE NORTH AMERICAN GREENS, P-300, C-350 OR APPROVED EQUAL.
3. CPE (CORRUGATED POLYETHENE SMOOTH INNER-WALL PIPE) CULVERTS SHALL MEET THE REQUIREMENTS OF AASHTO M-252 AND M-294, TYPE S.



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CADD FILE NAME: 02132R15-ASB.DWG

50 25 0 50 100 SCALE FEET

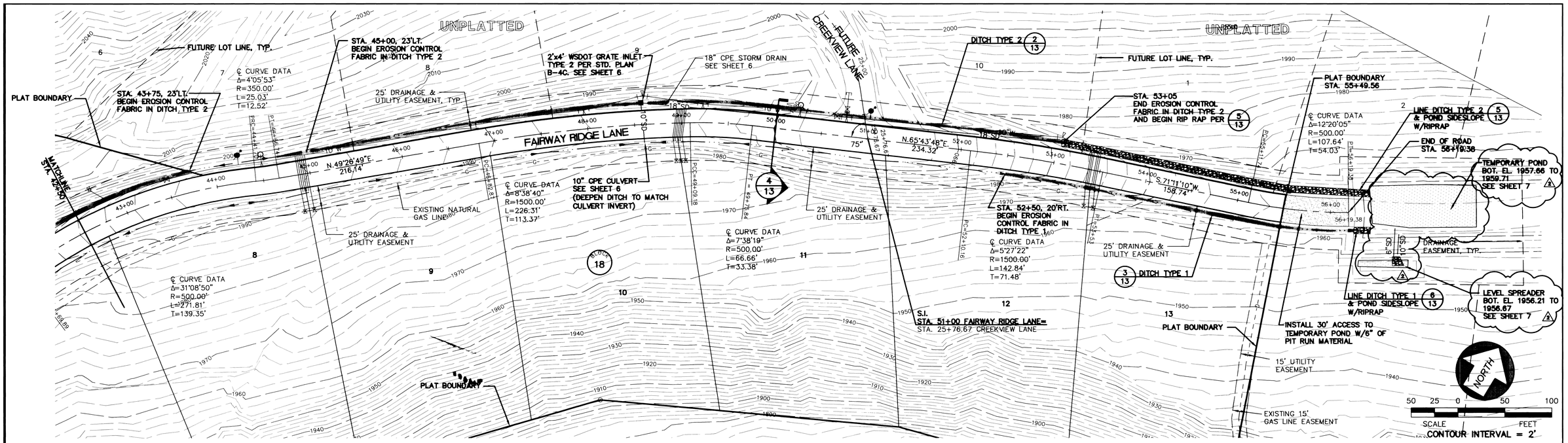
SCALE
HORIZ. 1'=50'
VERT. 1'=10'

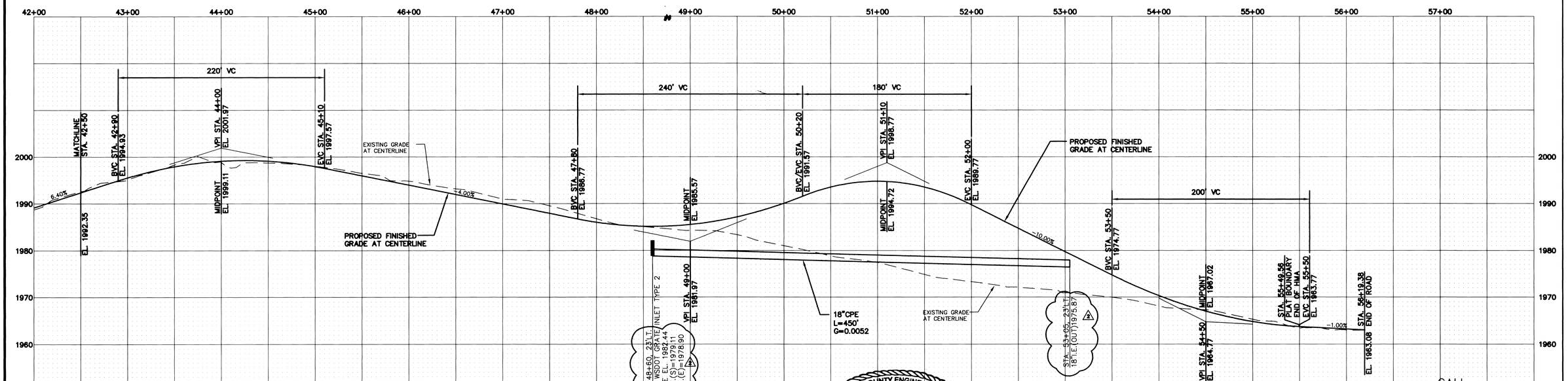
RIDGE AT HANGMAN PHASE VI

FAIRWAY RIDGE LANE
STA. 28+99.97 TO STA. 42+50

ROAD
SHEET 2 / 13

P-1638E Eng As Builts





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CADD FILE NAME: 02132R25-ASB.DWG

50 25 0 50 100
SCALE FEET

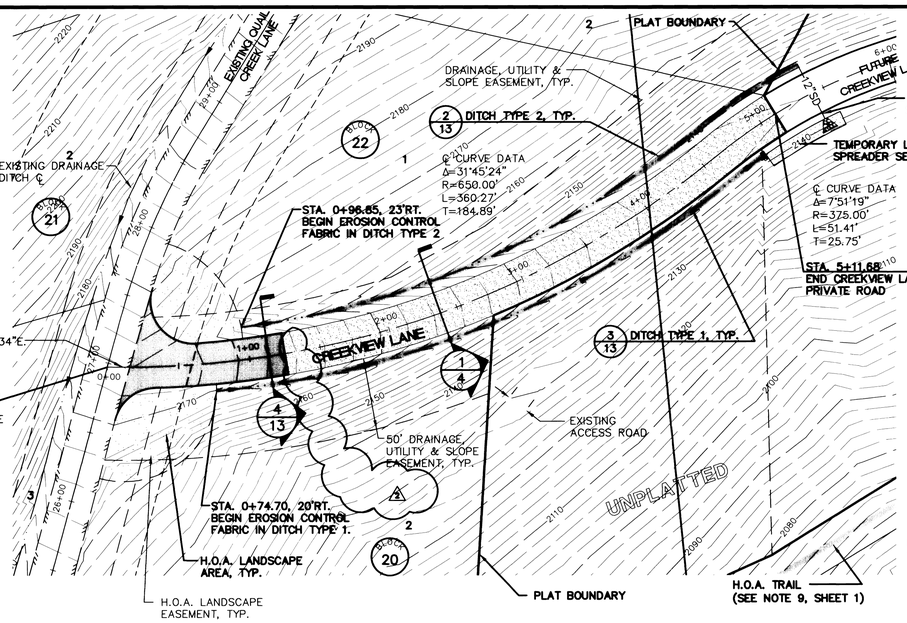
SCALE
HORIZ. 1'=50'
VERT. 1'=10'

RIDGE AT HANGMAN PHASE VI

FAIRWAY RIDGE LANE
STA. 42+50 TO STA. 56+19.38

ROAD
SHEET 3 / 13

P-16381 Eng & Build



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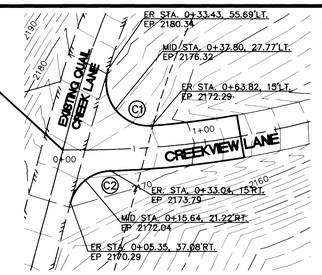
4. ACCESS DRIVEWAYS TO LOT 1, BLOCK 22 & LOT 2, BLOCK 20 SHALL BE FROM EXISTING QUAIL CREEK LANE.



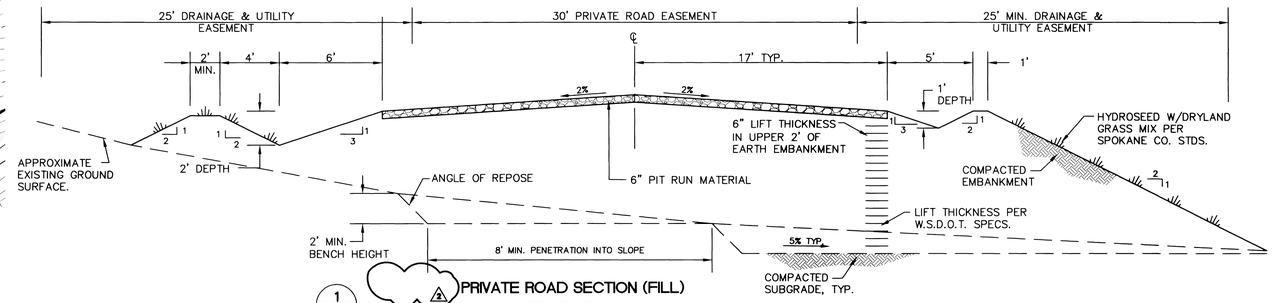
QUAIL CREEK LANE and CREEKVIEW LANE INTERSECTION DETAIL

1"=50'

CURB RETURN DATA-EDGE OF ASPHALT CONCRETE PAVEMENT (THIS SHEET ONLY)				
CURVE	RADIUS	LENGTH	TANGENT	DELTA
C1	30.00'	58.75'	44.65'	112°12'19"
C2	30.00'	38.53'	22.44'	73°35'33"

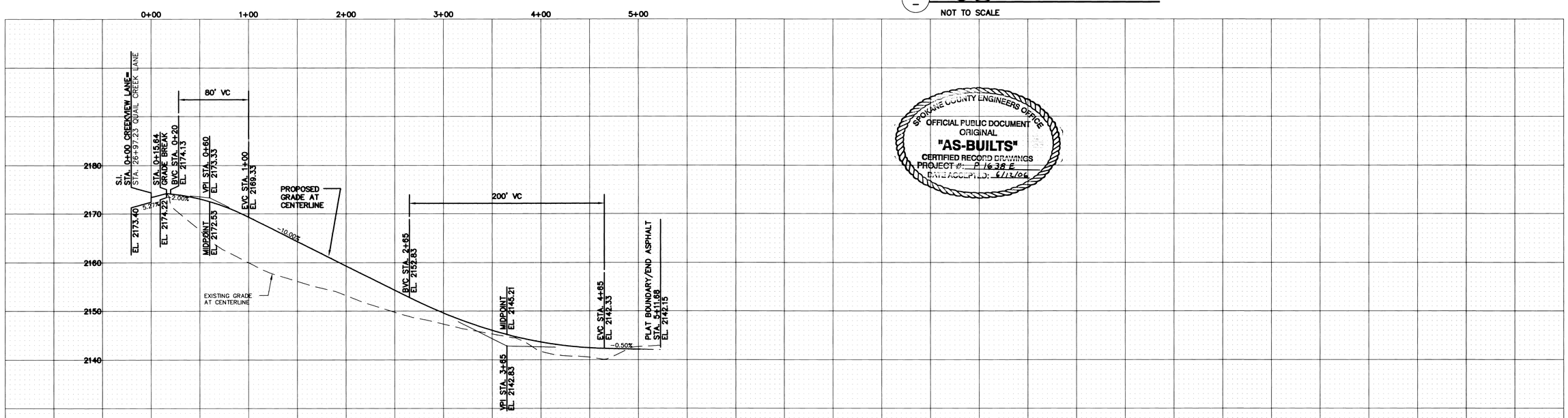
NORTH

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



1 — PRIVATE ROAD SECTION (FILL)

NOT TO SCALE



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OFFICIAL PUBLIC DOCUMENT
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50 25 0 50 100
SCALE FEET

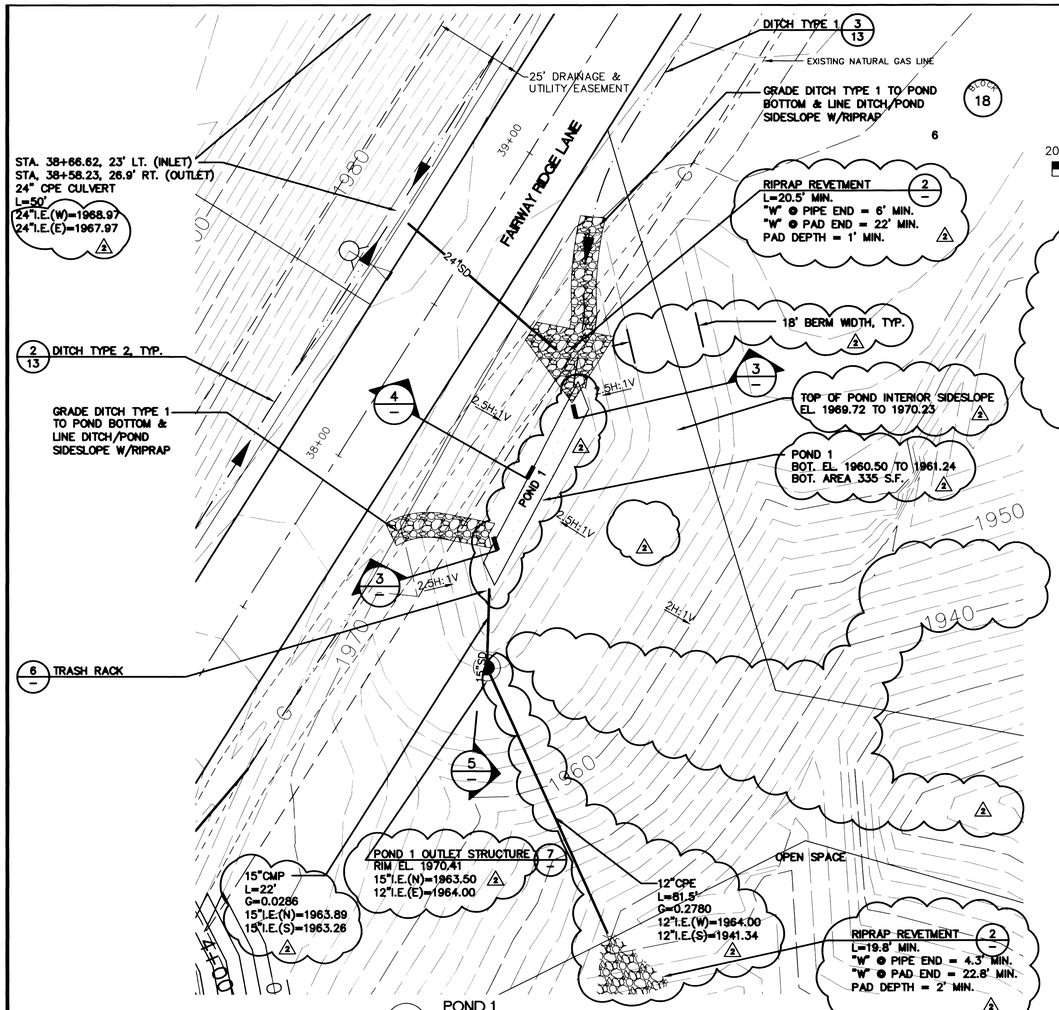
SCALE
HORIZ. 1'=50'
VERT. 1'=10'

RIDGE AT HANGMAN PHASE VI

CREEKVIEW LANE
STA. 0+00 TO STA. 5+11.68

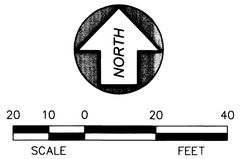
ROAD
SHEET 4 / 13

P-1638E Eng As Built

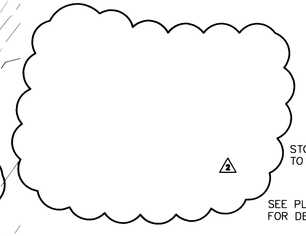


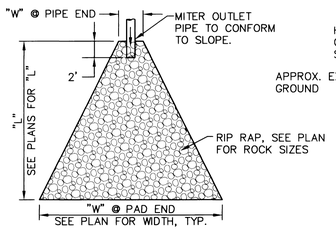
(1/—) POND 1

1" = 20'-0"

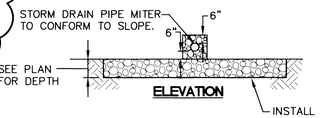


CONTOUR INTERVAL = 2'





PLAN

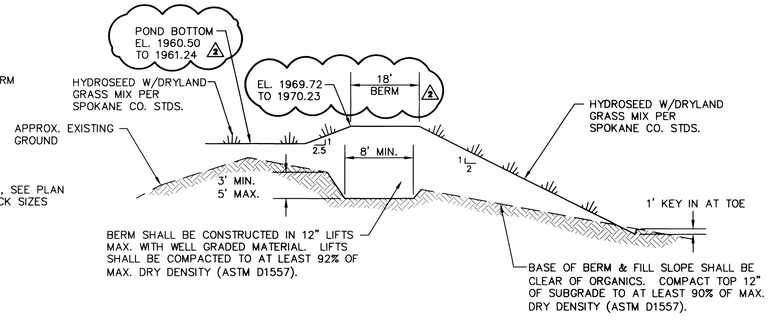


ELEVATION

INSTALL FILTER FABRIC UNDER ALL RIP RAP, AMCO 4545 OR EQUAL APPROVED. INSTALLATION PER MANUFACTURERS RECOMMENDATIONS.

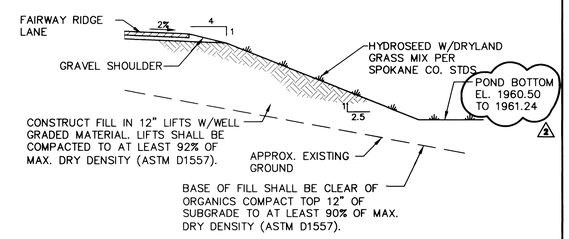
(2/—) RIPRAP REVETMENT

NOT TO SCALE



(3/—) POND BERM SECTION

NOT TO SCALE



(4/—) POND BERM SECTION (WEST)

NOT TO SCALE

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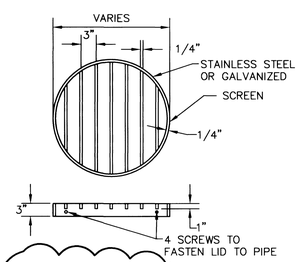
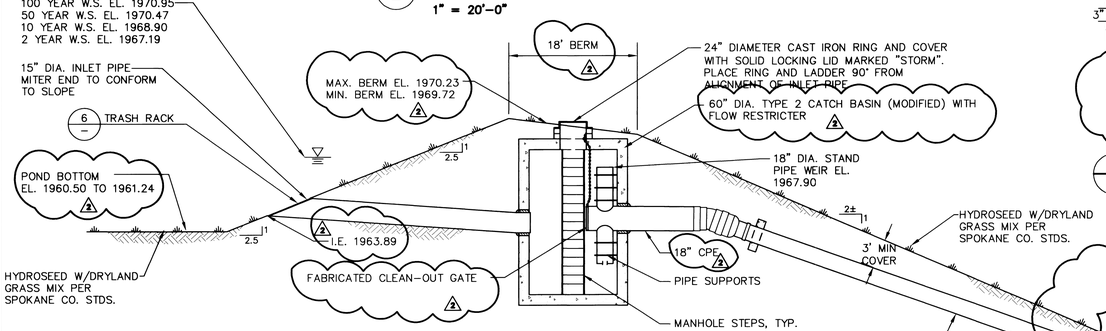


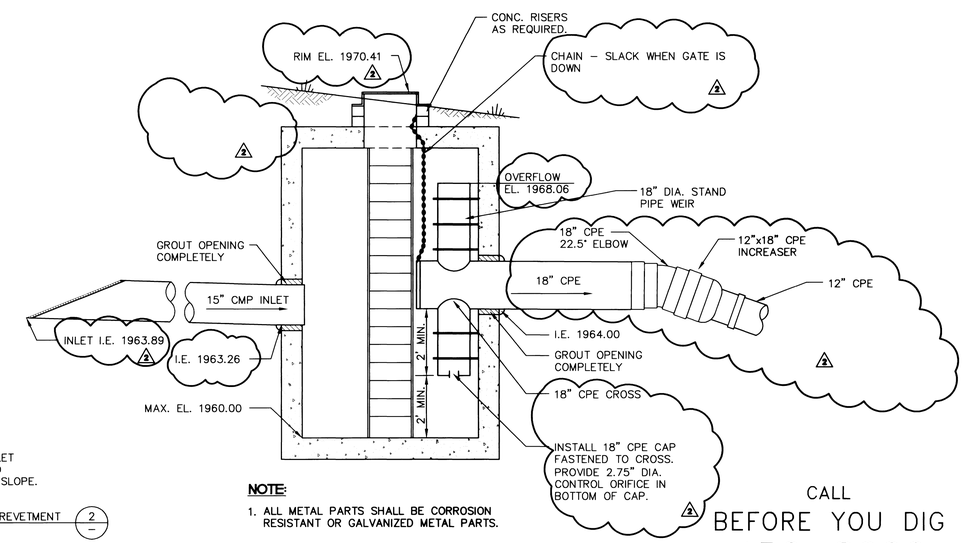
(6/—) TRASH RACK

NOT TO SCALE



(5/—) OUTLET STRUCTURE SECTION

NOT TO SCALE



NOTE:

1. ALL METAL PARTS SHALL BE CORROSION RESISTANT OR GALVANIZED METAL PARTS.

(7/—) POND 1 OUTLET STRUCTURE

NOT TO SCALE

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.

MICHAEL F. MOSER — STATE OF WASHINGTON — 23107 — REGISTERED PROFESSIONAL ENGINEER — 6/2/06
EXPIRES 2/1/07

No.	Date	By	Ckd.	Appr.	Revisions
2	05/06	MFM	MFM		RECORD DRAWINGS
1	5/04	ALB	MFM	MAA	ADDRESS 1/29/04 CO. COMMENTS

		Date
Drawn	ALB	09/26/03
Designed	MFM	09/26/03
Checked	MAA	09/26/03

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Owner's Approval — ORIGINALLY SIGNED BY AMY BALLARD PER BRIAN McCOY SIGNATURE LETTER DATED FEBRUARY 1, 2001. — Date

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

VERTICAL DATUM: PK (#505) AT CENTERLINE OF QUAIL CREEK LANE, STA. 18+99.24, (APPROX. 220±' SOUTH OF PHASE V AND PHASE VI PLAT BOUNDARY) EL. 2096.32 (NAVD 88)

CADD FILE NAME: 02132ST-DETAIL-ASB.DWG

50 25 0 50 100
SCALE FEET

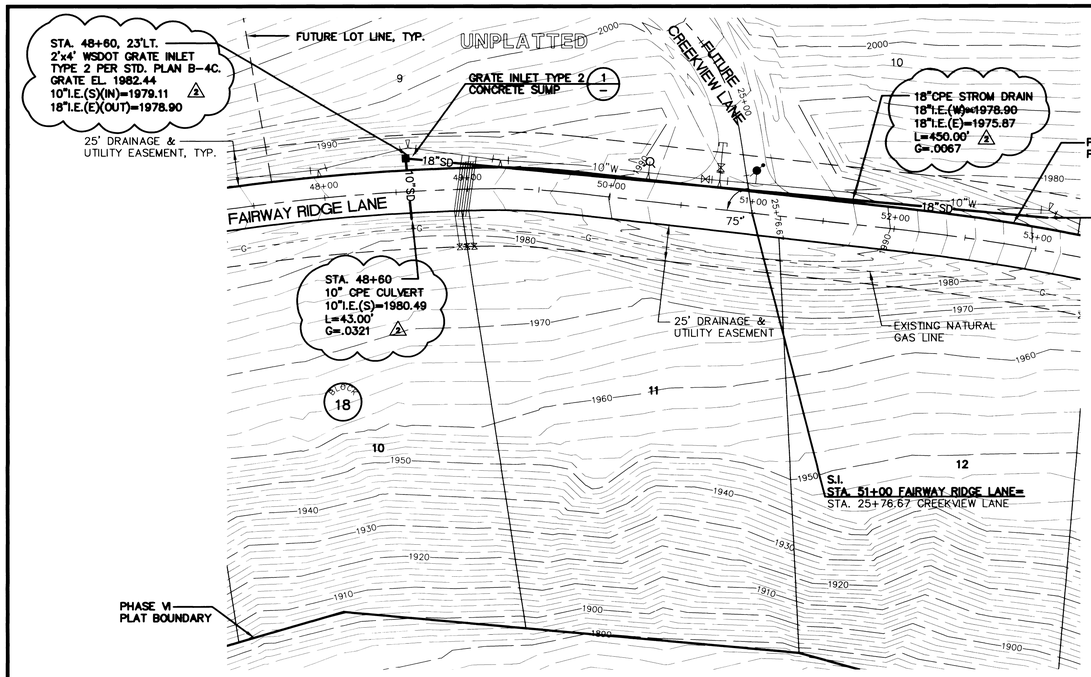
SCALE
HORIZ. 1'=50'
VERT. 1'=10'

RIDGE AT HANGMAN PHASE VI

POND 1
PLAN and DETAILS

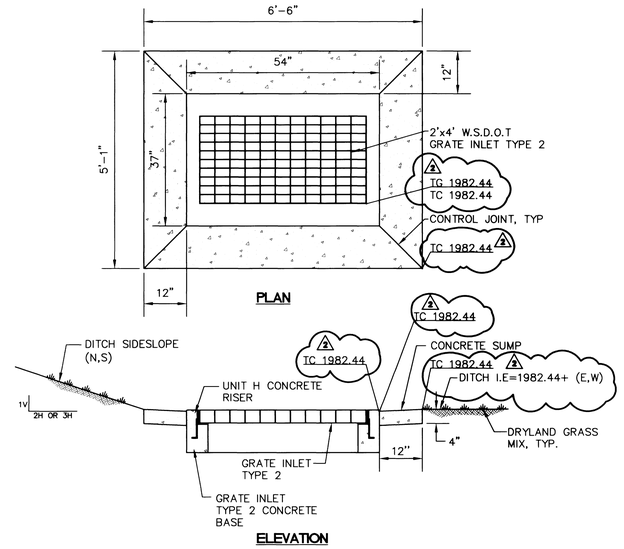
STORM SHEET 5/13

P-1638E Eng As Built



CONSTRUCTION NOTE:

1. CPE (CORRUGATED POLYETHENE SMOOTH INNER-WALL PIPE) CULVERTS SHALL MEET THE REQUIREMENTS OF AASHTO M-252 AND M-294, TYPE S.

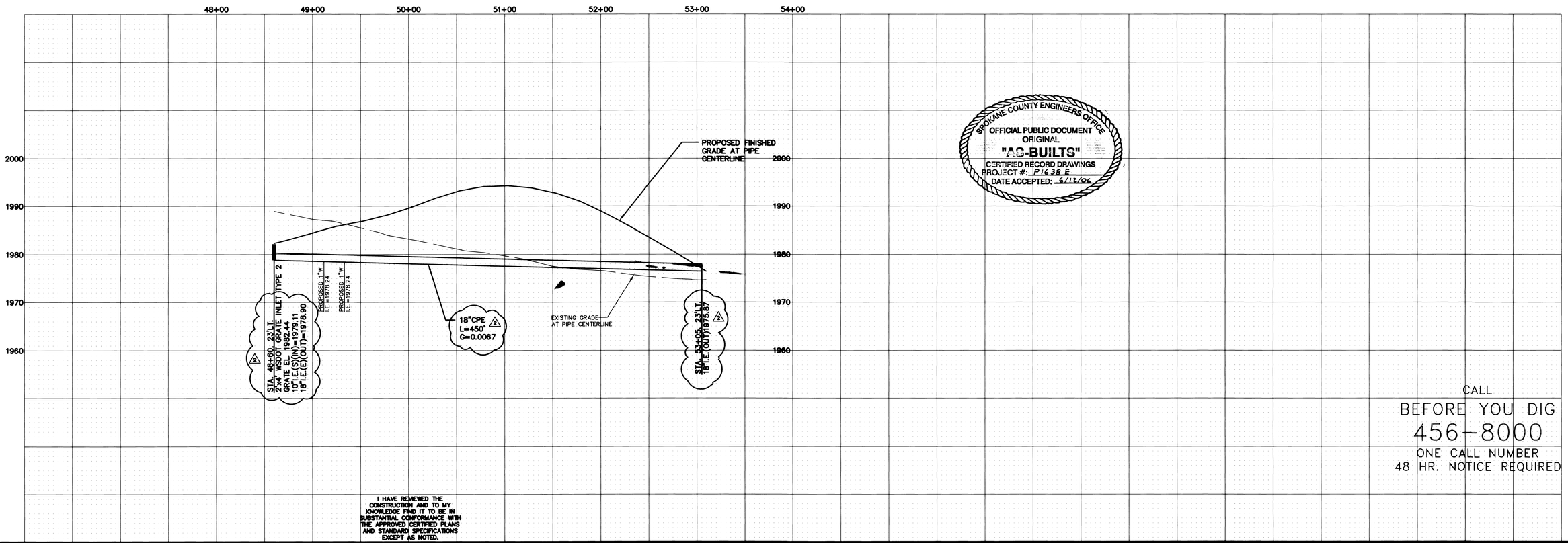


1 — GRATE INLET TYPE 2 CONCRETE SUMP

NOT TO SCALE

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 #: P1638 E
DATE ACCEPTED: 6/12/06

CALL
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456-8000
ONE CALL NUMBER
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Drawn	ALB	10/24/03
Designed	MFM	10/24/03
Checked	MAA	10/24/03

MICHAEL F. MORSE — STATE OF WASHINGTON — 29107 — REGISTERED PROFESSIONAL ENGINEER — 6/9/06
EXPIRES 2/1/07

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CADD FILE NAME: 02132ST15-ASB.DWG

50 25 0 50 100
SCALE FEET

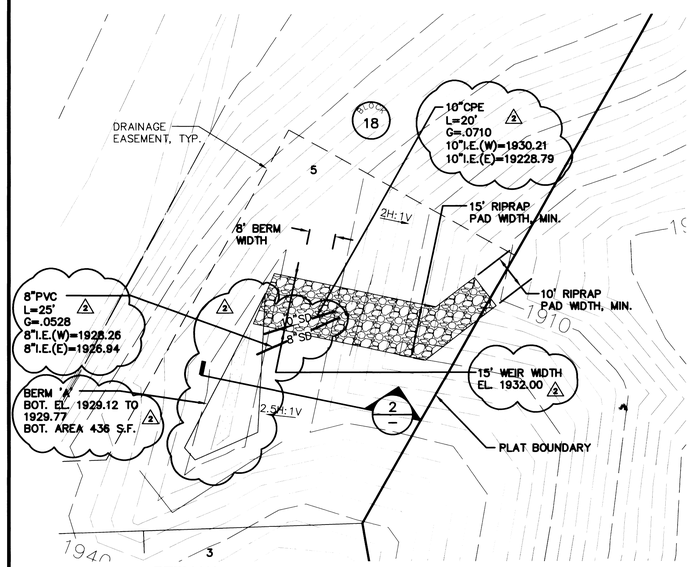
SCALE
HORIZ. 1'=50'
VERT. 1'=10'

RIDGE AT HANGMAN PHASE VI

18" STORM DRAIN
PLAN and PROFILE

STORM
SHEET 6 / 13

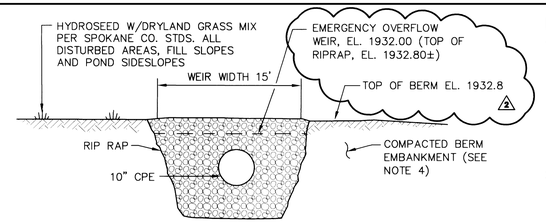
P1638E Eng As Builts



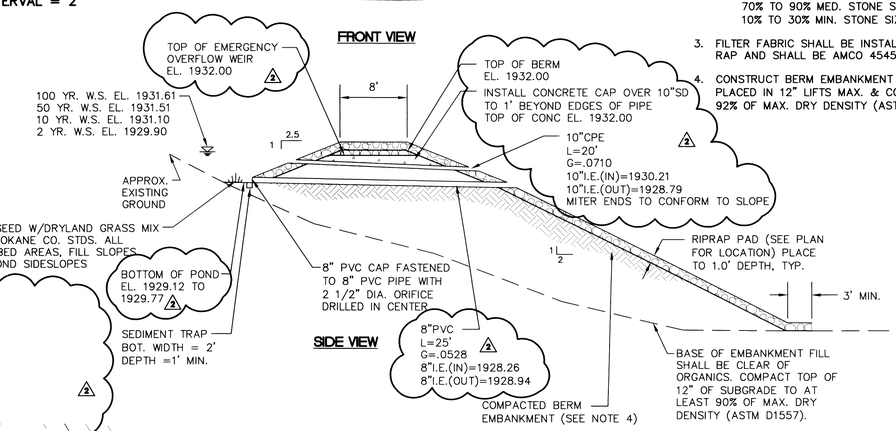
1 — BERM 'A'

1" = 20'-0"

20 10 0 20 40
SCALE FEET
CONTOUR INTERVAL = 2'



FRONT VIEW



SIDE VIEW

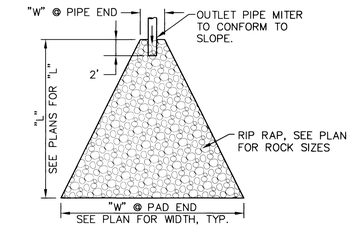
2 — BERM 'A' OUTLET STRUCTURE SECTION

NOT TO SCALE

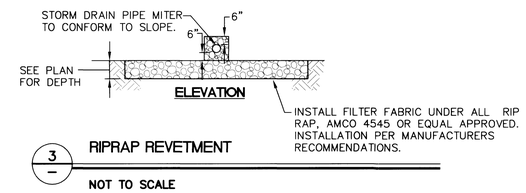
NOTES:

1. RIP RAP PAD SHALL BE INSTALLED AS FOLLOWS:
   A) IN A 15' MIN. WIDTH SWATH FROM POND BOTTOM, (PERPENDICULAR TO WEIR LOCATION) UP THE SIDE SLOPE AND OVER TOP OF THE BERM.
   B) DOWN THE OUTSIDE OF THE BERM (15' WIDE SWATH) EXTENDING 5' ACROSS SLOPE FROM 10" & 8" PIPE OUTLETS TO 3' MIN. BEYOND TOE OF BERM FILL.
2. RIP RAP PAD SHALL BE INSTALLED 1.0' THICK WITH THE FOLLOWING GRADATION:

   40% TO 90% MAX. STONE SIZE=6" DIA.
   70% TO 90% MED. STONE SIZE=4" DIA.
   10% TO 30% MIN. STONE SIZE=2" DIA.
3. FILTER FABRIC SHALL BE INSTALLED UNDER ALL RIP RAP AND SHALL BE AMCO 4545, OR APPROVED EQUAL.
4. CONSTRUCT BERM EMBANKMENT USING STRUCTURAL FILL PLACED IN 12" LIFTS MAX. & COMPACTED TO AT LEAST 92% OF MAX. DRY DENSITY (ASTM D1557).



PLAN

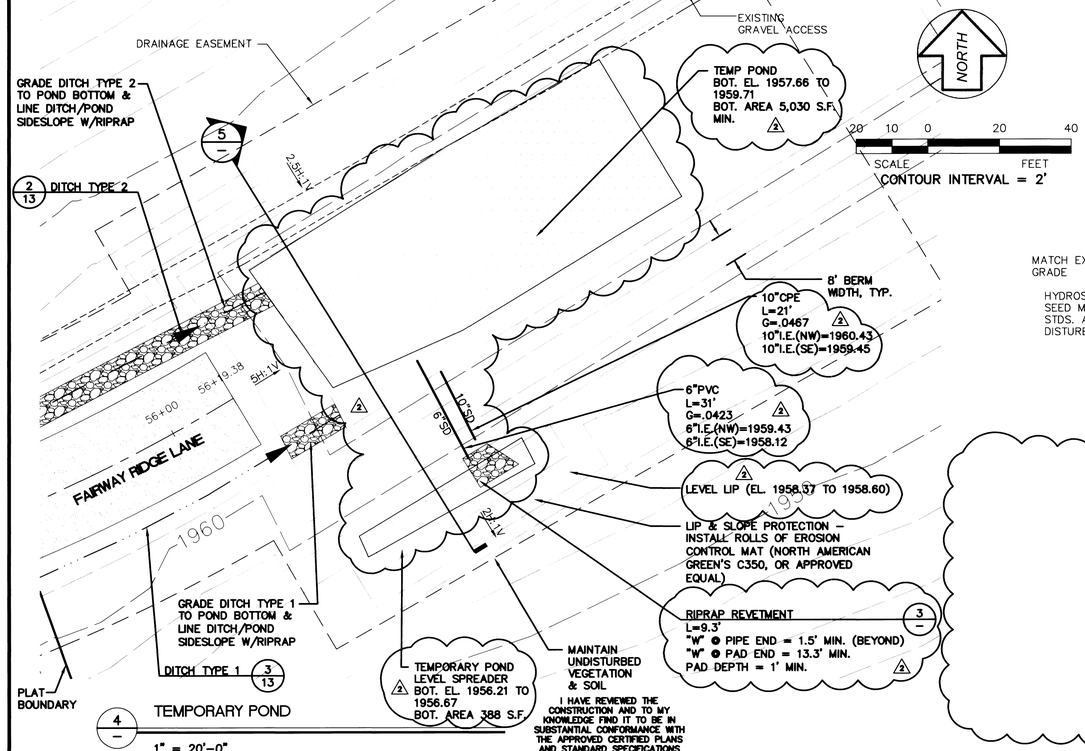


ELEVATION

3 — RIPRAP REVETMENT

NOT TO SCALE

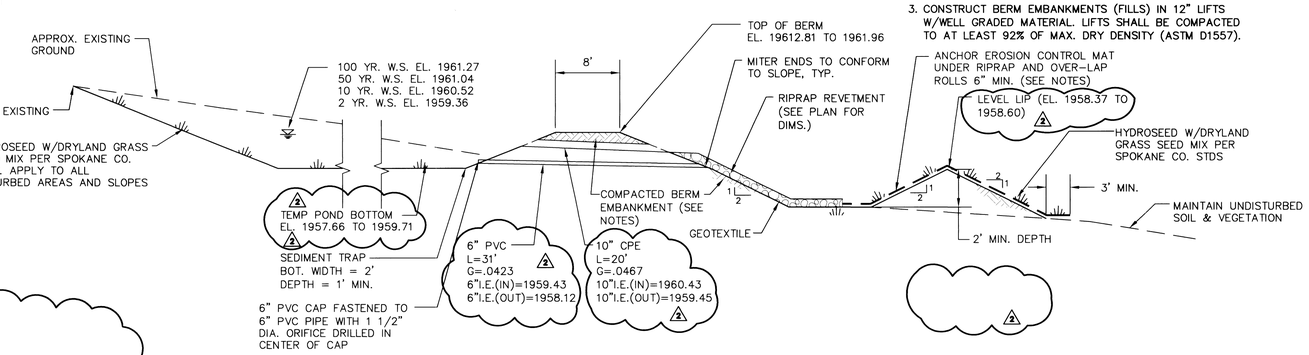
SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT
ORIGINAL
"AS-BUILTS"
CERTIFIED RECORD DRAWINGS
PROJECT #: P1638E
DATE ACCEPTED: 6/12/06



4 — TEMPORARY POND

1" = 20'-0"

20 10 0 20 40
SCALE FEET
CONTOUR INTERVAL = 2'



NOTES:

1. EROSION CONTROL BLANKET SHALL BE NORTH AMERICAN GREEN'S C350, OR APPROVED EQUAL.
2. SEE MANUFACTURERS RECOMMENDATIONS FOR INSTALLATION & STAPLE REQUIREMENTS TO FASTEN EROSION CONTROL BLANKETS TO SLOPE.
3. CONSTRUCT BERM EMBANKMENTS (FILLS) IN 12" LIFTS W/WELL GRADED MATERIAL. LIFTS SHALL BE COMPACTED TO AT LEAST 92% OF MAX. DRY DENSITY (ASTM D1557).

5 — TEMPORARY POND, OUTLET AND LEVEL SPREADER

NOT TO SCALE

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

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1	5/04	ALB	MFM	MAA	ADDRESS 1/29/04 CO. COMMENTS

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Designed	MFM	10/24/03
Checked	MAA	10/24/03

MICHAEL F. MORRIS — STATE OF WASHINGTON — 29107 — REGISTERED PROFESSIONAL ENGINEER
EXPIRES 2/1/07

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CADD FILE NAME: 02132ST-DETAIL-ASB.DWG

50 25 0 50 100
SCALE FEET

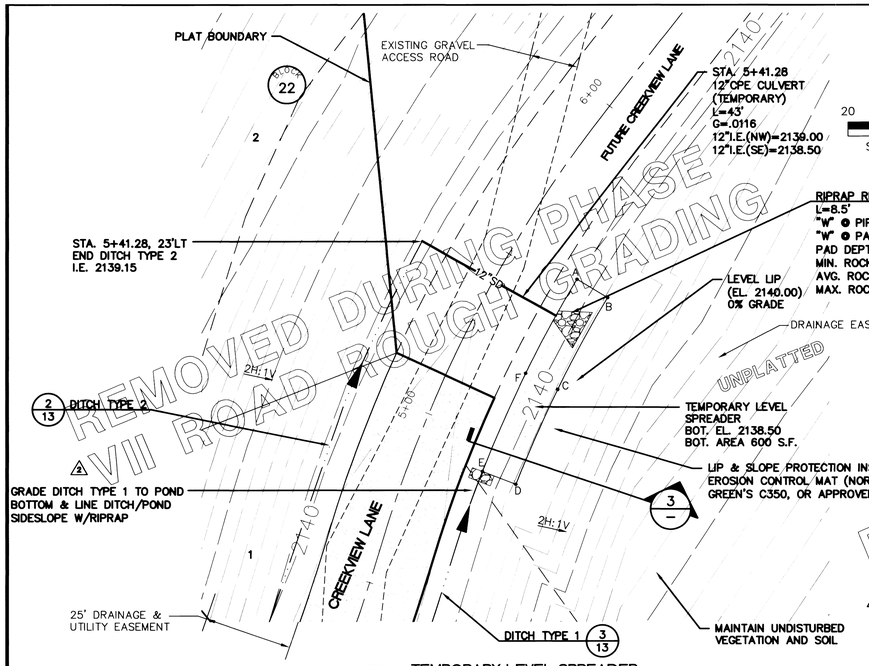
SCALE
HORIZ. 1'=50'
VERT. 1'=10'

RIDGE AT HANGMAN PHASE VI

BERM 'A' and TEMPORARY POND PLAN and DETAILS

STORM
SHEET 7 / 13

P1638E

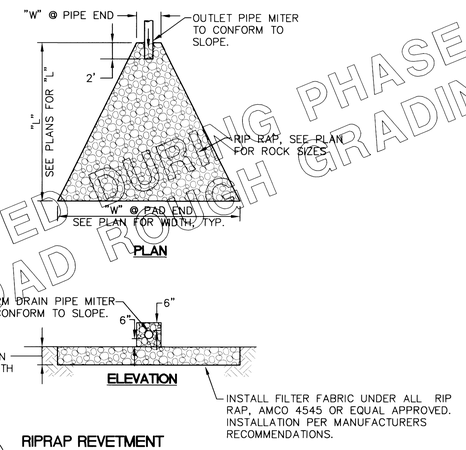


1/– TEMPORARY LEVEL SPREADER

1" = 20'-0"

CONTOUR INTERVAL = 2'

TEMPORARY LEVEL SPREADER HORIZONTAL CONTROL		
SEGMENT	BEARING	DISTANCE
A–B	S.58°59'46"E.	10.00'
B–C	S.28°34'59"W.	29.14'
C–D	S.23°44'30"W.	29.14'
D–E	N.68°40'45"W.	10.00'
E–F	N.23°44'30"E.	29.99'
F–A	N.28°34'59"E.	29.99'

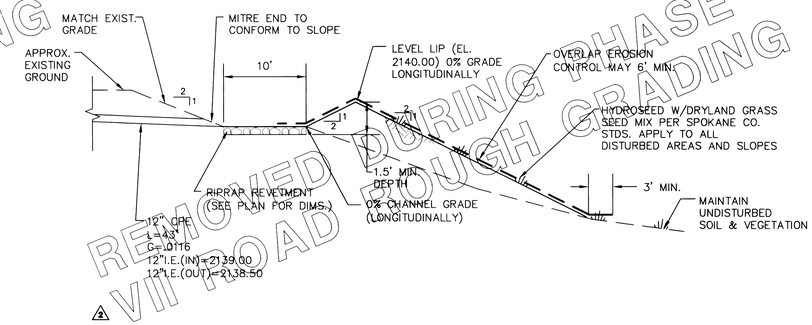


2/– RIPRAP REVETMENT

NOT TO SCALE

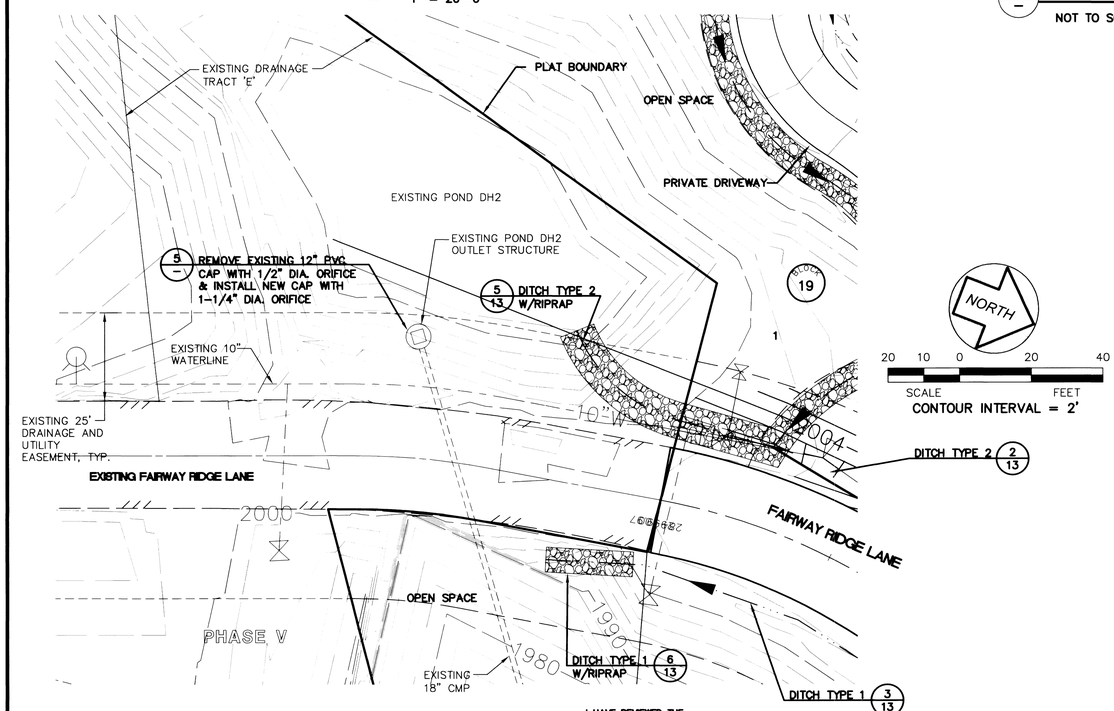
NOTES:

1. EROSION CONTROL MAT SHALL BE NORTH AMERICAN GREEN'S C350, OR APPROVED EQUAL.
2. SEE MANUFACTURERS RECOMMENDATIONS FOR INSTALLATION AND STAPLE REQUIREMENTS TO FASTEN EROSION CONTROL BLANKETS TO SLOPE.
3. CONSTRUCT BERM EMBANKMENTS (FILLS) IN 12" LIFTS W/WELL GRADED MATERIAL. LIFTS SHALL BE COMPACTED TO AT LEAST 92% OF MAX. DRY DENSITY (ASTM D1557).



3/– TEMPORARY LEVEL SPREADER

NOT TO SCALE

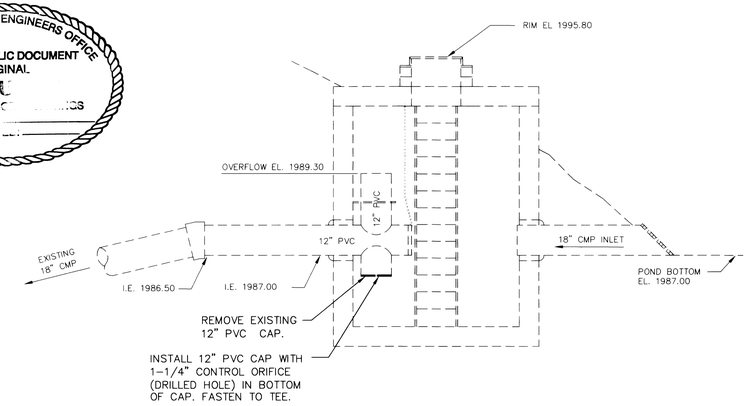


4/– EXISTING POND DH2 OUTLET STRUCTURE MODIFICATION

1" = 20'-0"

CONTOUR INTERVAL = 2'

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT
ORIGINAL
"AS-BUILTS"
CERTIFIED RECORD DRAWINGS
PROJECT #: P1638E
DATE ACCEPTED: 6/13/06



5/– EXIST. POND DH2 OUTLET STRUCTURE

NOT TO SCALE

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ONE CALL NUMBER
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MICHAEL F. MOSER — STATE OF WASHINGTON — 29107 — REGISTERED PROFESSIONAL ENGINEER — EXPIRES 2/1/07

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50 25 0 50 100 — SCALE FEET

SCALE — HORIZ. 1'=50' — VERT. 1'=10'

RIDGE AT HANGMAN PHASE VI

TEMPORARY LEVEL SPREADER and EXISTING POND DH2 OUTLET STRUCTURE MODIFICATION PLANS and DETAILS

STORM SHEET 8/13

P1638E Empty Bulk

EROSION AND SEDIMENT CONTROL PLANS FOR:

THE Ridge AT HANGMAN

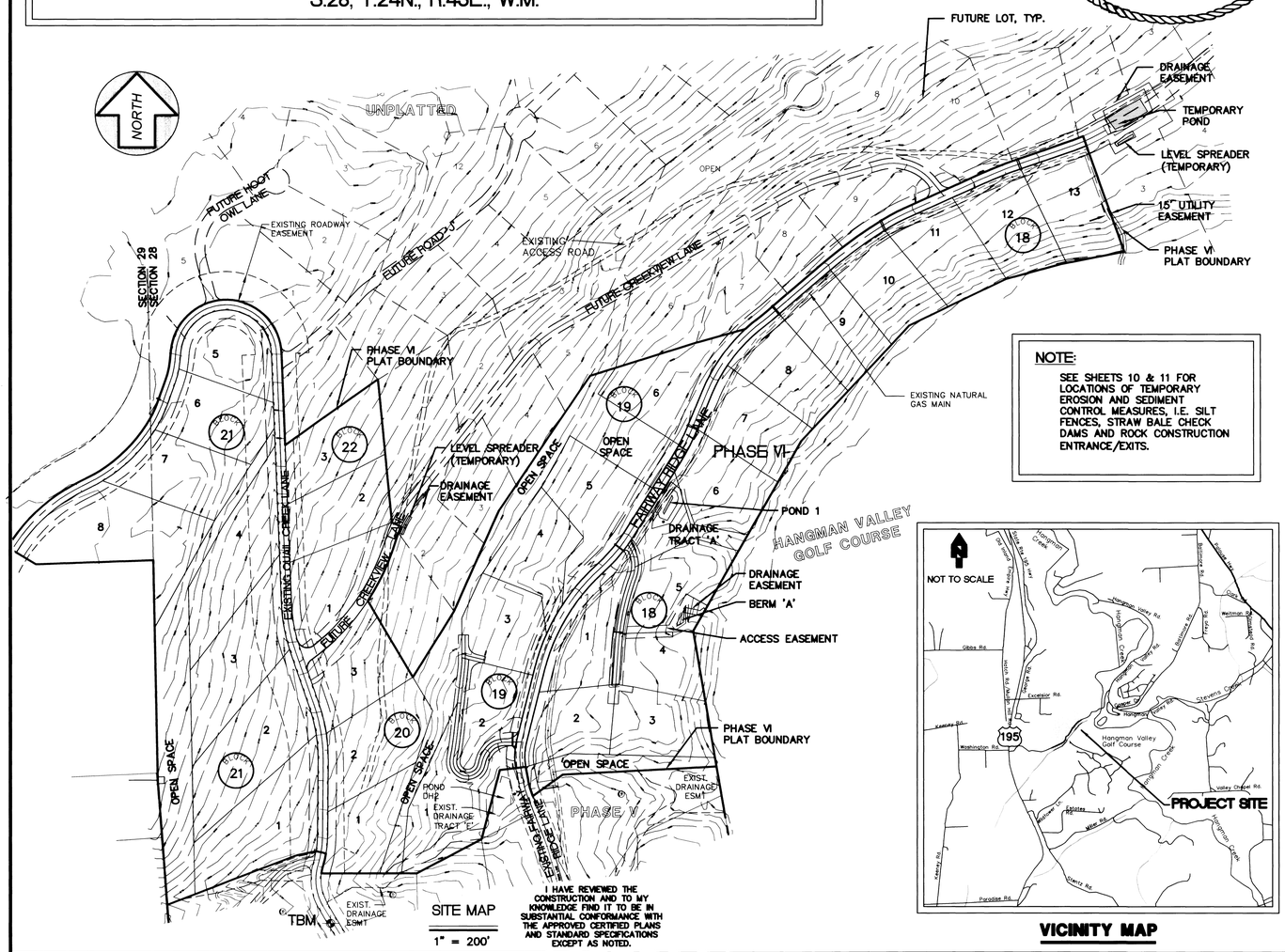
PHASE VI

SPOKANE COUNTY, WASHINGTON

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

PROPERTY OWNER:	SEABOARD WASHINGTON, L.L.C.
PERMIT APPLICANT:	SEABOARD WASHINGTON, L.L.C.
CONTACT PERSON AT PROJECT SITE:	BRIAN McCOY
PROJECT ADDRESS:	HIGHWAY 195 AND EXCELSIOR ROAD
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 MEADOW-TYPE AND BRUSH GROUND COVER.
LIST OF ON-SITE SOILS:	CuB- CLAYTON SANDY LOAM SoC- SPEIGLE VERY STONY SILT LOAM BbB- BERNHILL SILT LOAM HoB- HESSELTINE SILT LOAM HvC- HESSELTINE VERY ROCKY COMPLEX
LEGAL DESCRIPTION:	SEE THIS SHEET

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT
AS-BUILTS
RECORD DRAWINGS
PROJECT #: P1638 E
DATE ACCEPTED: 6/13/06



SITE MAP
1" = 200'

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.

NOTE:

SEE SHEETS 10 & 11 FOR LOCATIONS OF TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES, I.E. SILT FENCES, STRAW BALE CHECK DAMS AND ROCK CONSTRUCTION ENTRANCE/EXITS.

VICINITY MAP

LEGAL DESCSRIPTION

KNOW ALL MEN BY THESE PRESENTS, that RIDGE ASSOCIATES LIMITED PARTNERSHIP, an Idaho Limited Partnership, and SEABOARD WASHINGTON, L.L.C., a Washington Limited Liability Company, have platted into lots, blocks, and private roads, the land shown hereon to be known as THE RIDGE AT HANGMAN PHASE VI, in the County of Spokane, State of Washington, said land being that portion of the West half of Section 28 and the N.E. 1/4 of Section 29, all in Township 24 North, Range 43 East, W.M., Spokane County, Washington described as follows:

A portion of the West ½ of Section 28 and the Northeast ¼ of Section 29 all in T.24N., R.43E., W.M., Spokane County, Washington described as follows:

Beginning at the Northwest corner of Tract "A" per P.U.D. Plat of Ridge at Hangman Phase V, as per plat thereof recorded in Book 27 of Plats, Pages 77, through 79; thence along the Northerly boundary of said Phase V, the following 14 courses:

1. N.69°12'19"E., 412.47 feet;
2. N.78°22'06"E., 58.45 feet
3. S.77°40'12"E., 30.05 feet to the beginning of a curve to the right the radius of which bears N.80°55'13"W., a distance of 270.68 feet;
4. Along said curve to the right, through a central angle of 08°21'52", an arc distance of 39.52 feet to the beginning of a curve to the left the radius of which bears N.72°33'21"W., a distance of 135.00 feet;
5. Along said curve to the left, through a central angle of 09°20'51", an arc distance of 22.02 feet;
6. S.89°58'26"E., 283.00 feet;
7. N.62°12'18"E., 218.00 feet;
8. N.14°41'27"E., 215.00 feet;
9. N.83°18'29"E., 77.61 feet;
10. S.10°35'25"E., 47.85 feet to the beginning of a curve to the left the radius of which bears N.79°24'35"E., a distance of 185.00 feet;
11. Along said curve to the left, through a central angle of 10°40'17", an arc distance of 34.46 feet;
12. S.12°15'42"E., 7.83 feet;
13. N.54°15'00"E., 109.40 feet;
14. N87°00'00"E., 457.77 feet to the Northeast corner of Lot 9, Block 16 of said Plat of Ridge at Hangman Phase V and a point in the boundary line of the Hangman Valley Golf Course; thence along said boundary line the following 3 courses as monumented and shown on record of survey recorded under Auditor's File No. 9005240240;
1. N.09°44'21"W., 408.55 feet;
2. N.29°38'22"E., 648.92 feet;
3. N.43°03'08"E., 470.48 feet;

thence N.64°28'15"E., 319.83 feet; thence N.74°51'08"E., 169.94 feet; thence N.78°40'48"E., 190.71 feet; thence N.19°43'49"W., 364.03 feet to the beginning of a curve to the right the radius of which bears N.23°15'15"W., a distance of 485.00 feet; thence along said curve to the right, through a central angle of 04°26"24", an arc distance of 37.58 feet; thence S.71°11'09"W., 158.74 feet; to the beginning of a curve to the left the radius of which bears S.18°48'51"E., a distance of 1515.00 feet; thence along said curve to the left, through a central angle of 05°27'22", an arc distance of 144.27 feet; thence S.66°43'47"W., 234.32 feet to the beginning of a curve to the left the radius of which bears S.24°16'13"E., a distance of 515.00 feet; thence along said curve to the left, through a central angle of 07°38'19", an arc distance of 68.66 feet to the beginning of a compound curve the radius of which bears S.31°54'32"E., a distance of 1515.00 feet; thence along said compound curve, through a central angle of 08°38'40", an arc distance of 228.57 feet; thence S.49°26'48"W., 216.14 feet to the beginning of a curve to the right the radius of which bears N.40°33'12"W., a distance of 335.00 feet; thence along said curve to the right, through a central angle of 04°05'53", an arc distance of 23.96 feet to the beginning of a reverse curve the radius of which bears S.36°27'19"E., a distance of 515.00 feet; thence along said reverse curve, through a central angle of 06°11'45", an arc distance 55.69 feet; thence S.74°38'34"W., 151.13 feet; thence S.72°39'02"W., 330.40 feet; thence S.34°05'43"W., 483.72 feet; thence S.24°02'44"W., 328.37 feet; thence S.31°58'16"W., 231.05 feet; thence N.30°26'46"W., 263.48 feet; thence N.56°38'27"W., 30.00 feet to the beginning of a curve to the left the radius of which bears N.56°38'27"W., a distance of 635.00 feet; thence along said curve to the left, through a central angle of 16°37'52", an arc distance of 184.32 feet to the beginning of a reverse curve the radius of which bears S.73°16'19"E., a distance of 390.00 feet; thence along said reverse curve, through a central angle of 07°51'18", an arc distance of 53.47 feet; thence N.05°32'32"W., 428.21 feet; thence S.54°34'54"W., 338.04 feet; thence N.02°15'18"W., 274.33 feet to the beginning of a curve to the left the radius of which bears S.87°44'42"W., a distance of 165.00 feet; thence along said curve to the left, through a central angle of 172°14'24", an arc distance of 496.02 feet; thence S.05°30'18"W., 31.05 feet to the beginning of a curve to the right the radius of which bears N.84°29'42"W., a distance of 235.00 feet; thence along said curve to the right, through a central angle of 14°10'41", an arc distance of 58.15 feet; thence S.19°40'59"W., 73.75 feet to the beginning of a curve to the right the radius of which bears N.70°19'01"W., a distance of 310.00 feet; thence along said curve to the right, through a central angle of 13°17'16", an arc distance of 71.89 feet to the beginning of a compound curve the radius of which bears N.57°01'45"W., a distance of 450.00 feet; thence along said compound curve, through a central angle of 31°03'23", an arc distance of 243.92 feet; thence S.64°01'38"W., 19.61 feet to the beginning of a curve to the left the radius of S.25°58'22"E., a distance of 515.00 feet; thence along said curve to the left, through a central angle of 33°01'40", an arc distance of 296.87 feet; thence S.59°00'02"E., 97.78 feet to the Northwest corner of a parcel of land described in a Deed of Trust filed under Auditor's file No. 9506290297; thence N.88°02'50"E., along the North line of said Deed of Trust, 350.00 feet to the East line of the Northeast ¼ of said Section 29; thence S.01°08'08"E., along said East line, 653.00 feet to the Southeast corner of said Northeast ¼ of Section 29; thence S.04°18'47"E., along the West line of the Southwest ¼ of said Section 28, 372.93 feet to the Point of Beginning.

Containing 59.31 Acres

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, 300LBS PER ACRE

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

No.	Date	By	Ckd.	Appr.	Revisions
2	05/06	MFM	MFM		RECORD DRAWINGS
1	5/04	ALB	MFM	MAA	ADDRESS 1/29/04 CO. COMMENTS

Drawn	ALB	10/14/03
Designed	MFM	10/14/03
Checked	MAA	10/14/03

MICHAEL F. MAGEE — STATE OF WASHINGTON — 29107 — REGISTERED PROFESSIONAL ENGINEER — 6/2/06
EXPIRES 2/1/07

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

Owner's Approval — ORIGINALLY SIGNED BY AMY BALLARS PER BRIAN McCOY SIGNATURE LETTER DATED FEBRUARY 1, 2001. — Date

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

VERTICAL DATUM: PK (#505) AT CENTERLINE OF QUAIL CREEK LANE, STA. 18+99.24, (APPROX. 220±' SOUTH OF PHASE V AND PHASE VI PLAT BOUNDARY) EL. 2096.32 (NAVD 88)

CADD FILE NAME: 02132EROCOV.DWG

200 100 0 200 400
SCALE FEET

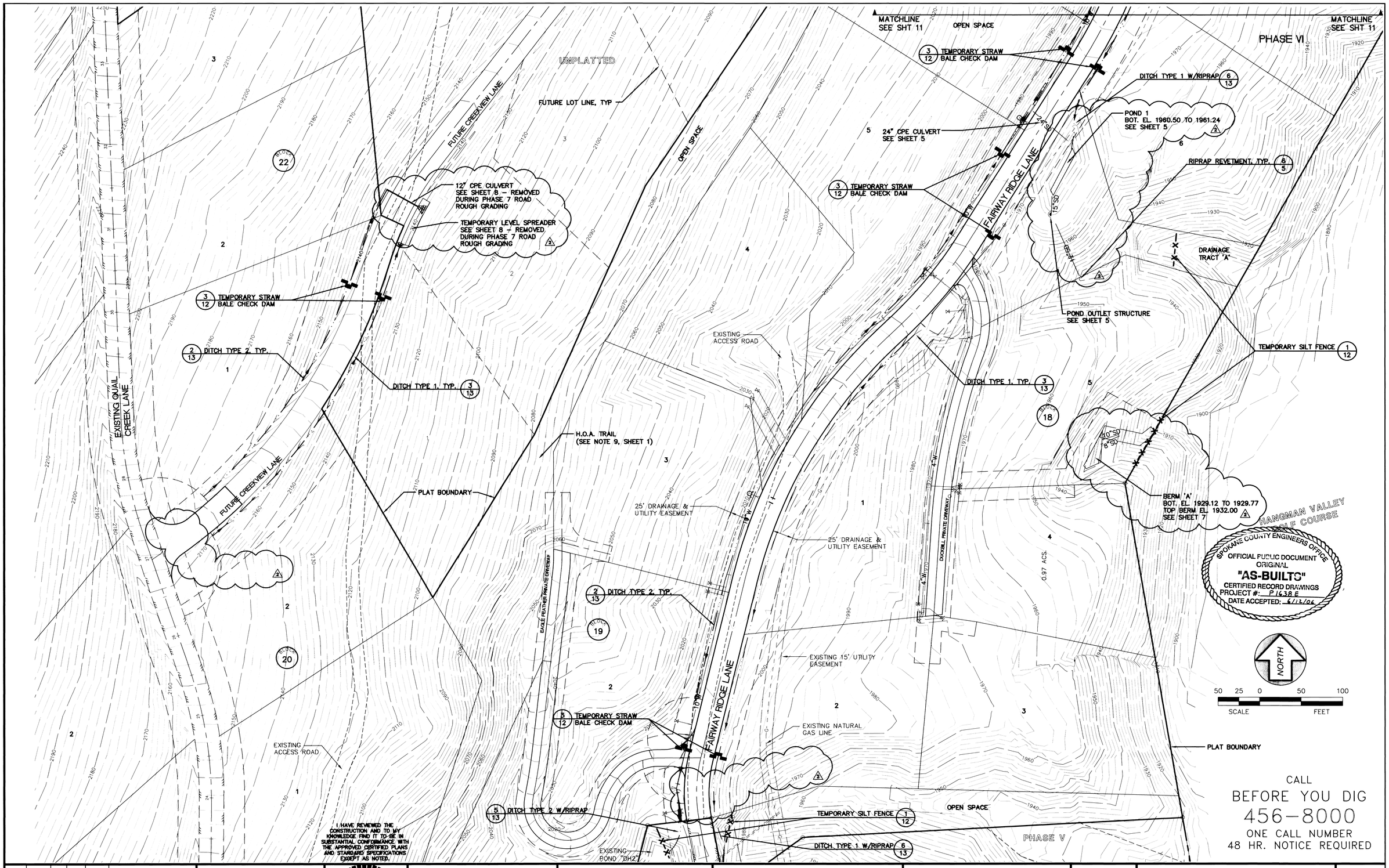
SCALE
HORIZ. N/A
VERT. N/A

RIDGE AT HANGMAN PHASE VI

OVERALL EROSION AND SEDIMENT CONTROL PLAN

STORM
SHEET 9 / 13

P-1638E Exp As Built



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

No.	Date	By	Ckd.	Appr.	Revisions
2	05/06	MFM	MFM		RECORD DRAWINGS
1	5/04	ALB	MFM	MAA	ADDRESS 1/29/04 CO. COMMENTS

		Date
Drawn	ALB	10/24/03
Designed	MFM	10/24/03
Checked	MAA	10/24/03

MICHAEL F. MORSE, STATE OF WASHINGTON, 29107, REGISTERED PROFESSIONAL ENGINEER
EXPIRES 2/1/07

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CADD FILE NAME: 02132ERO-ASB.DWG

50 25 0 50 100
SCALE FEET

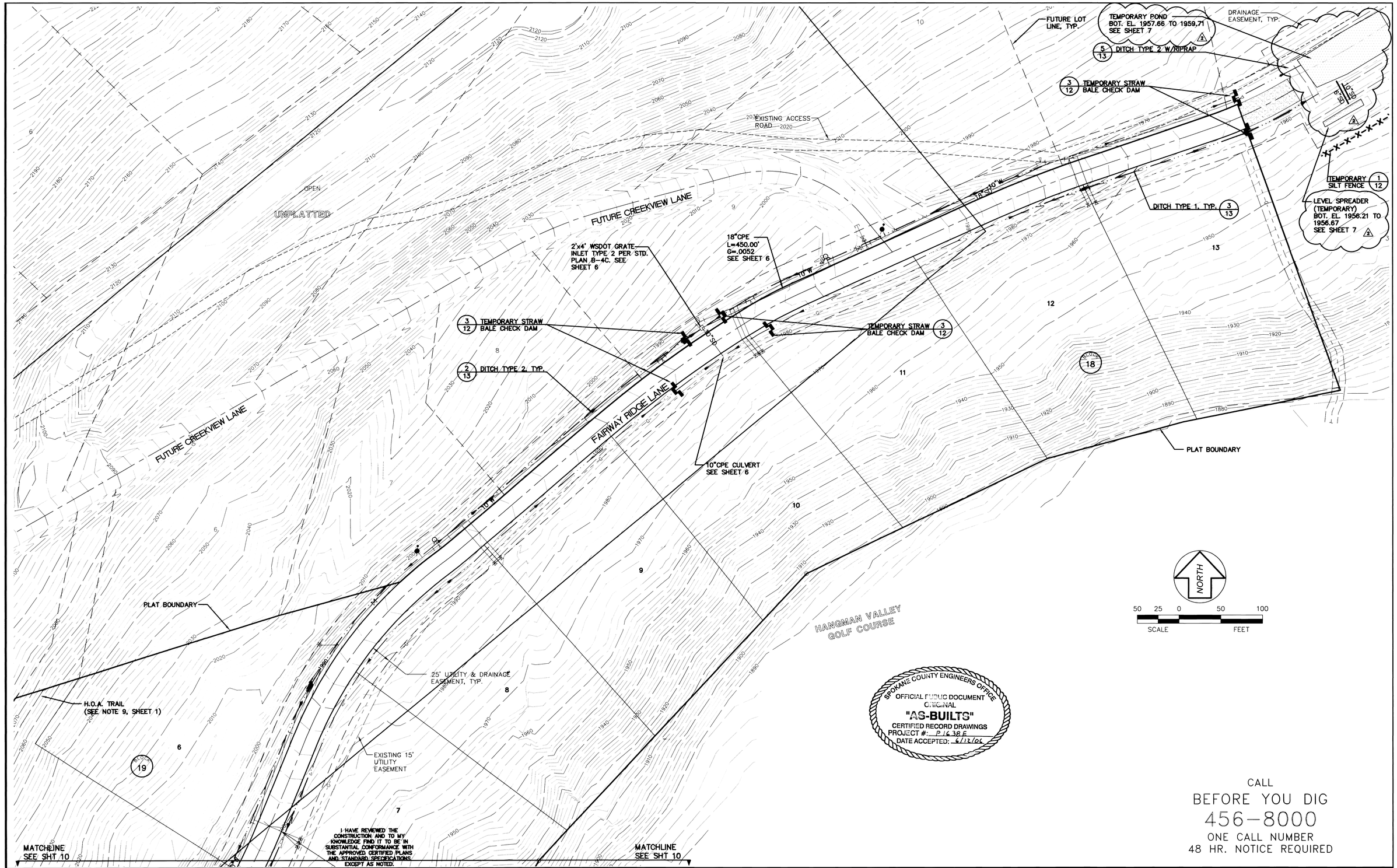
SCALE
HORIZ. 1'=50'
VERT. N/A

RIDGE AT HANGMAN PHASE VI

GRADING and EROSION CONTROL PLAN SOUTH

STORM
SHEET 10/13

P-1638E Eng As Builts



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2	05/06	MFM	MFM		RECORD DRAWINGS
1	5/04	ALB	MFM	MAA	ADDRESS 1/29/04 CO. COMMENTS

		Date
Drawn	ALB	10/24/03
Designed	MFM	10/24/03
Checked	MAA	10/24/03

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EXPIRES 2/1/07

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

Owner's Approval ORIGINALLY SIGNED BY AMY BALLARD PER BRIAN McCOY SIGNATURE LETTER DATED FEBRUARY 1, 2001. Date

VERTICAL DATUM: PK (#505) AT CENTERLINE OF QUAIL CREEK LANE, STA. 18+99.24, (APPROX. 220±' SOUTH OF PHASE V AND PHASE VI PLAT BOUNDARY) EL. 2096.32 (NAVD 88)

CADD FILE NAME: 02132ERO.DWG

50 25 0 50 100
SCALE FEET

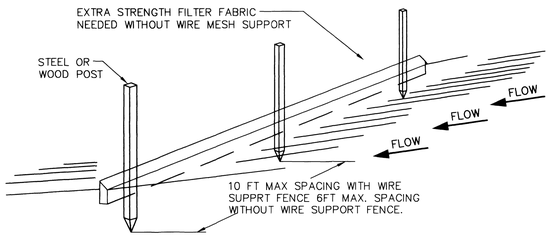
SCALE
HORIZ. 1'=50'
VERT. N/A

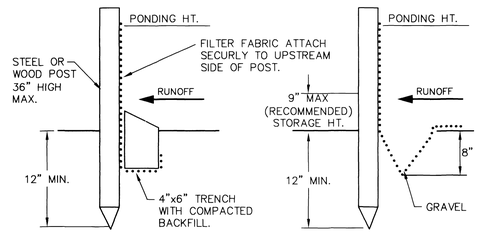
RIDGE AT HANGMAN PHASE VI

GRADING and EROSION CONTROL PLAN NORTH

STORM
SHEET 11/13

P-1638E Eng'ts Built





STANDARD DETAIL
TRENCH WITH NATIVE BACKFILL

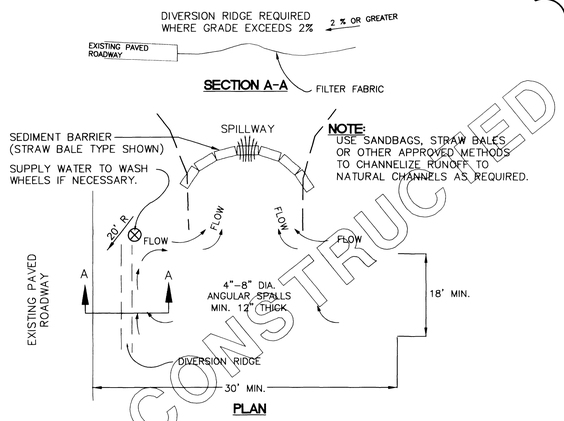
ALTERNATE DETAIL
TRENCH WITH GRAVEL

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 / 10,11 TEMPORARY SILT FENCE

NOT TO SCALE



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

NOTES:

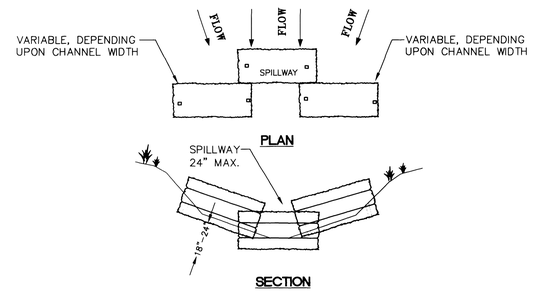
1. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.
2. WHEN NECESSARY, WHEELS SHALL BE CLEANED PRIOR TO ENTRANCE ONTO EXIST. ASPHALT 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 FAIRWAY RIDGE LANE AND CREEKVIEW LANE / QUAIL CREEK LANE.

2 / 10,11 ROCK CONSTRUCTION ENTRANCE/EXIT

NOT TO SCALE

NOT CONSTRUCTED

△2



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 / 10,11 TEMPORARY STRAW BALE CHECK DAM

NOT TO SCALE

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT
ORIGINAL
"AS-BUILTS"
CERTIFIED RECORD DRAWINGS
PROJECT #: P 1638 E
DATE ACCEPTED: 6/12/06

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.

No.	Date	By	Ckd.	Appr.	Revisions
2	05/06	MFM	MFM		RECORD DRAWINGS
1	5/04	ALB	MFM	MAA	ADDRESS 1/29/04 CO. COMMENTS

		Date
Drawn	ALB	09/26/03
Designed	MFM	09/26/03
Checked	MAA	09/26/03

MICHAEL F. MORRIS — STATE OF WASHINGTON — 29107 — REGISTERED PROFESSIONAL ENGINEER — EXPIRES 2/1/07

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

Owner's Approval — ORIGINALLY SIGNED BY AMY BALLARD PER BRIAN McCOY SIGNATURE LETTER DATED FEBRUARY 1, 2001. — Date

SPOKANE COUNTY PUBLIC WORKS
DIVISION OF ENGINEERING AND ROADS
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CADD FILE NAME: 02132ERO-ASB.DWG

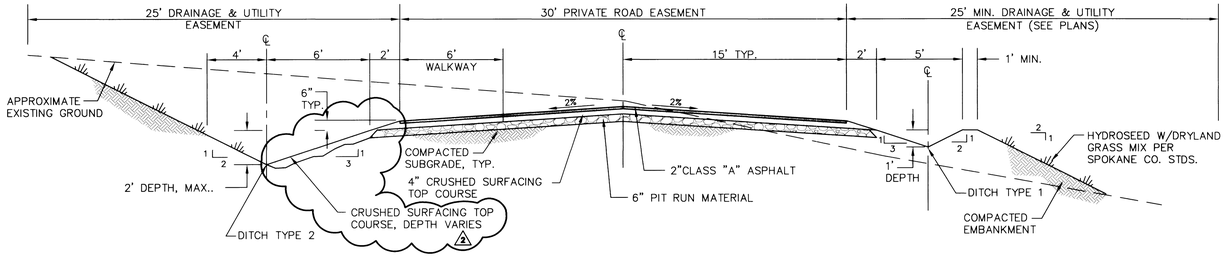
SCALE — HORIZ. N.T.S. — VERT. N.T.S.

RIDGE AT HANGMAN PHASE VI

TEMPORARY EROSION AND SEDIMENT CONTROL DETAILS

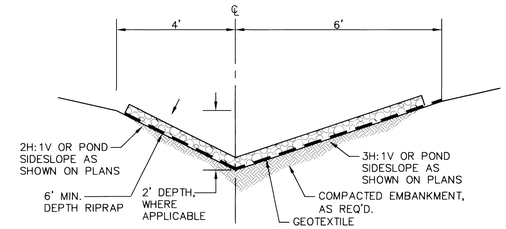
STORM SHEET 12 / 13

P-1638 E Eng/As Builts



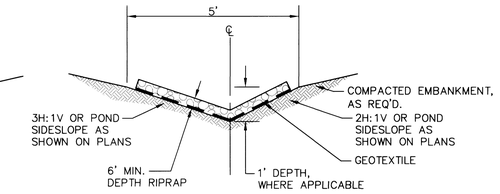
1 — PRIVATE ROAD SECTION (CUT)

NOT TO SCALE



5 — DITCH TYPE 2 W/RIPRAP

NOT TO SCALE



6 — DITCH TYPE 1 W/RIPRAP

NOT TO SCALE

NOTES:

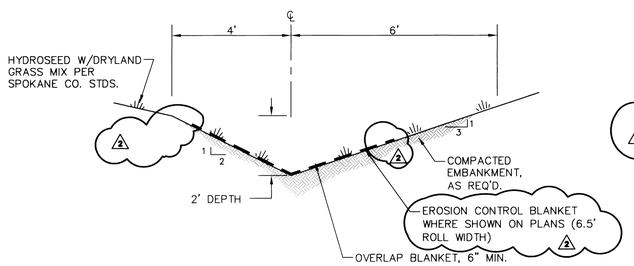
1. RIPRAP PAD SHALL BE INSTALLED 1.0' THICK WITH THE FOLLOWING GRADATION:

   40% TO 90% MAX. STONE SIZE=6" DIA.
   70% TO 90% MED. STONE SIZE=4" DIA.
   10% TO 30% MIN. STONE SIZE=2" DIA.

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

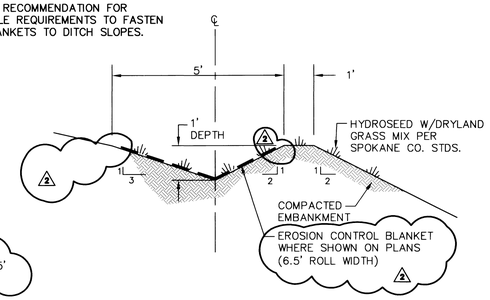
NOTES:

1. EROSION CONTROL BLANKET SHALL BE NORTH AMERICAN GREEN'S C350, P300, OR APPROVED EQUAL.
2. SEE MANUFACTURER'S RECOMMENDATION FOR INSTALLATION & STAPLE REQUIREMENTS TO FASTEN EROSION CONTROL BLANKETS TO DITCH SLOPES.



2 — DITCH TYPE 2

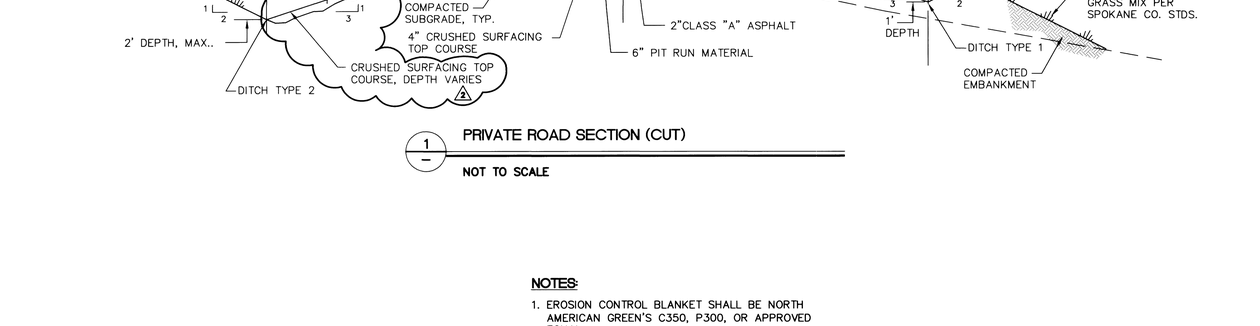
NOT TO SCALE



3 — DITCH TYPE 1

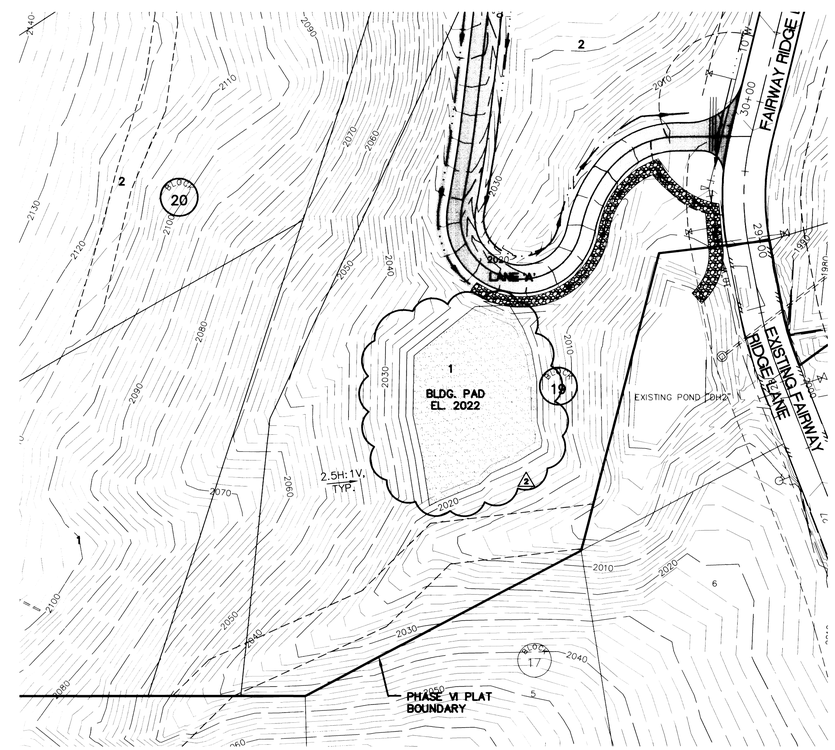
NOT TO SCALE

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT
ORIGINAL
"AS-BUILTS"
CERTIFIED RECORD DRAWINGS
PROJECT #: P1638 E
DATE ACCEPTED: 6/12/06



4 — PRIVATE ROAD SECTION (FILL)

NOT TO SCALE



7/10 — LOT 1, BLOCK 19 - GRADING PLAN

1" = 50'

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	05/06	MFM	MFM		RECORD DRAWINGS
1	5/04	ALB	MFM	MAA	ADDRESS 1/29/04 CO. COMMENTS

Drawn	ALB	10/14/03
Designed	MFM	10/14/03
Checked	MAA	10/14/03

MICHAEL F. MORRISON — STATE OF WASHINGTON — 29107 — REGISTERED PROFESSIONAL ENGINEER — EXPIRES 2/1/07

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

Owner's Approval — ORIGINALLY SIGNED BY AMY BALLARD PER BRIAN McCOY SIGNATURE LETTER DATED FEBRUARY 1, 2001. — Date

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

VERTICAL DATUM: PK (#505) AT CENTERLINE OF QUAIL CREEK LANE, STA. 18+99.24, (APPROX. 220±' SOUTH OF PHASE V AND PHASE VI PLAT BOUNDARY) EL. 2096.32 (NAVD 88)

CADD FILE NAME: 02132RD-DETAIL.DWG

SCALE
HORIZ. N/A
VERT. N/A

RIDGE AT HANGMAN PHASE VI

ROAD SECTIONS, DITCH DETAILS and LOT 1, BLOCK 19 GRADING PLAN

DETAILS
SHEET 13 / 13

P1638 E