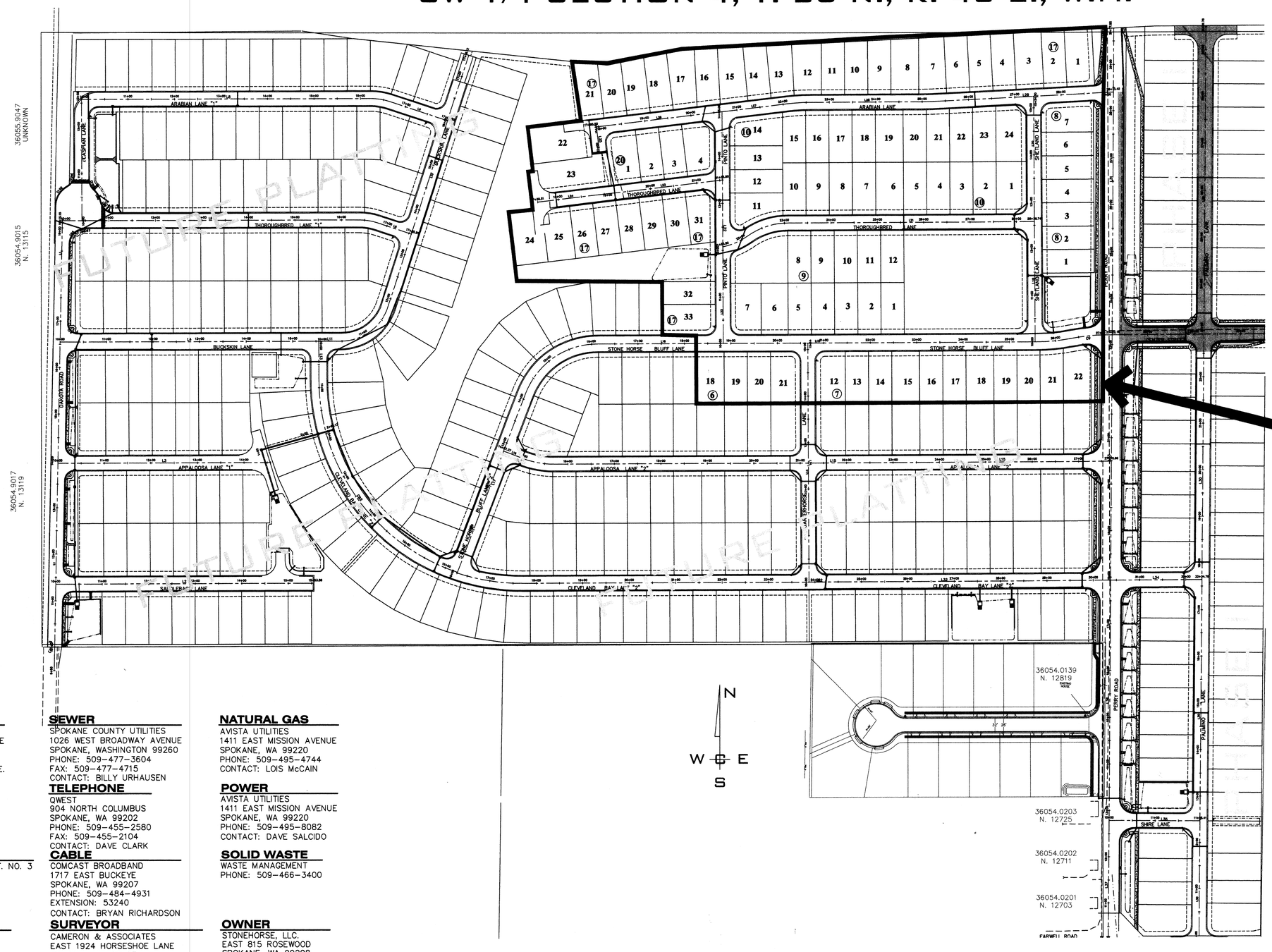
STREET PLANS

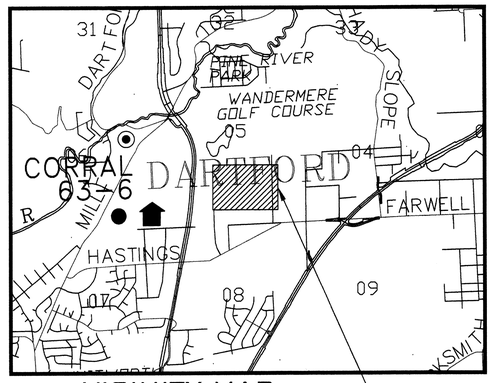
STONE HORSE BLUFF
SPOKANE COUNTY, WASHINGTON
SE 1/4 SECTION 5, T. 26 N., R. 43 E., W.M.
SW 1/4 SECTION 4, T. 26 N., R. 43 E., W.M.

RECORD DRAWING

UNDERGROUND SERVICE ALERT
ONE-CALL NUMBER
1-800
424-5555
CALL TWO BUSINESS DAYS
BEFORE YOU DIG



PHASE II BOUNDARY



VICINITY MAP
NOT TO SCALE

PROJECT AREA

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT
ORIGINAL
"AS-BUILTS"
CERTIFIED RECORD DRAWINGS
PROJECT #: P1786A
DATE ACCEPTED: 12/10/13

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.

ANDY J. ELIASON
STATE OF WASHINGTON
42767
REGISTERED
PROFESSIONAL ENGINEER
9/26/13

EXPIRES 05/28/15

ROADWAY AGENCY
SPOKANE COUNTY ENGINEERS
1026 WEST BROADWAY AVENUE
SPOKANE, WA 99260
PHONE: 509-477-3600
CONTACT: MATT ZARECOR, P.E.

FIRE DEPARTMENT
MEAD FIRE DISTRICT NO. 9
3801 EAST FARWELL ROAD
MEAD, WA 99021
PHONE: 509-466-4602
FAX: 509-466-4698
CONTACT: DAN WALSH

WATER PURVEYOR
SPOKANE COUNTY WATER DIST. NO. 3
EAST 5221 DESMIT
SPOKANE, WA 99211
PHONE: 509-536-0121
FAX: 509-534-3760
CONTACT: TY WICK

INSPECTION
ALLWEST
12928 EAST INDIANA AVENUE
SPOKANE VALLEY, WA 99216
PHONE: 509-534-4411
FAX: 509-534-9326
CONTACT: PAUL T. NELSON, P.E.

SEWER
SPOKANE COUNTY UTILITIES
1026 WEST BROADWAY AVENUE
SPOKANE, WASHINGTON 99260
PHONE: 509-477-3604
FAX: 509-477-4715
CONTACT: BILLY URHAUSEN

TELEPHONE
QWEST
904 NORTH COLUMBUS
SPOKANE, WA 99202
PHONE: 509-455-2580
FAX: 509-455-2104
CONTACT: DAVE CLARK

CABLE
COMCAST BROADBAND
1717 EAST BUCKEYE
SPOKANE, WA 99207
PHONE: 509-484-4931
EXTENSION: 53240
CONTACT: BRYAN RICHARDSON

SURVEYOR
CAMERON & ASSOCIATES
EAST 1924 HORSESHOE LANE
COLBERT, WA 99005
PHONE: 509-467-0148
FAX: 509-467-0148
CONTACT: CLIFF CAMERON, P.L.S.

NATURAL GAS
AVISTA UTILITIES
1411 EAST MISSION AVENUE
SPOKANE, WA 99220
PHONE: 509-495-4744
CONTACT: LOIS McCAIN

POWER
AVISTA UTILITIES
1411 EAST MISSION AVENUE
SPOKANE, WA 99220
PHONE: 509-495-8082
CONTACT: DAVE SALCIDO

SOLID WASTE
WASTE MANAGEMENT
PHONE: 509-466-3400

OWNER
STONEHORSE, LLC.
EAST 815 ROSEWOOD
SPOKANE, WA 99208
PHONE: 489-4260
CONTACT: JERRY HIGGINS

NAVD-88 DATUM
VERTICAL DATUM:
WSDOT BRASS DISK GP-32395-200, SET IN A CONCRETE WALK AT THE NORTHWEST QUADRANT OF THE INTERSECTION OF P.S.H. NO. 2 AND FARWELL ROAD.
ELEV. = 1840.05 (NAVD-88)

DEVELOPER'S APPROVAL DATE

P-1786

NO.	DATE	BY	REVISIONS
	9/26/13	AJE	RECORD DRAWING BY ALLWEST TESTING & ENGINEERING
	-------	MEK	SECOND SUBMITTAL TO SPOKANE COUNTY UTILITIES
	10/06	MEK	ORIGINAL PLAN PREPERATION

SCALE:
HORIZONTAL: AS SHOWN
VERTICAL: N.A.

PROJ #: 2004-65
DATE: 04/08/08
DRAWN: GFR
APPROVED: TRW

WCE
WHIPPLE CONSULTING ENGINEERS
CIVIL AND TRANSPORTATION ENGINEERING
2528 NORTH SULLIVAN ROAD
SPOKANE VALLEY, WASHINGTON 99216
PH: 509-893-2617 FAX: 509-926-0227

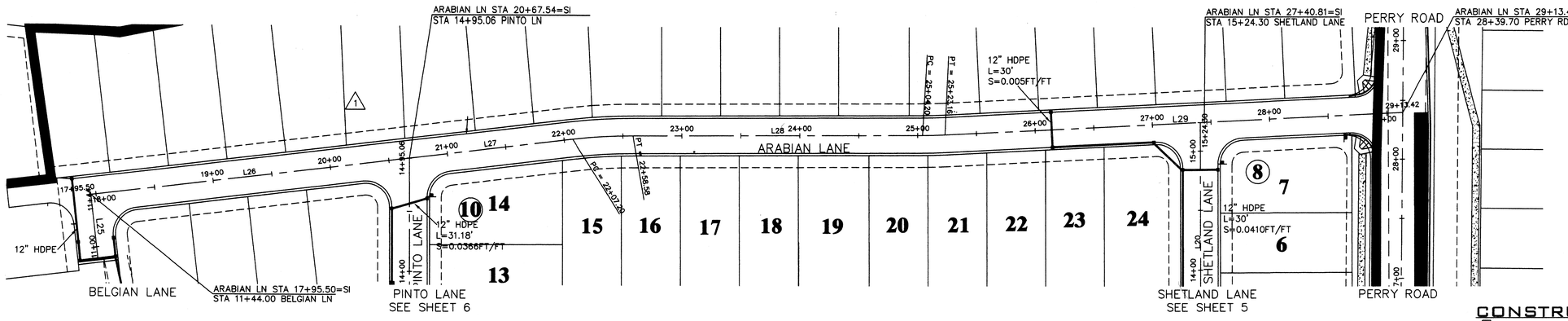
STREET AND DRAINAGE ASBUILT PLAN
STONE HORSE BLUFF PHASE II
SPOKANE COUNTY, WASHINGTON

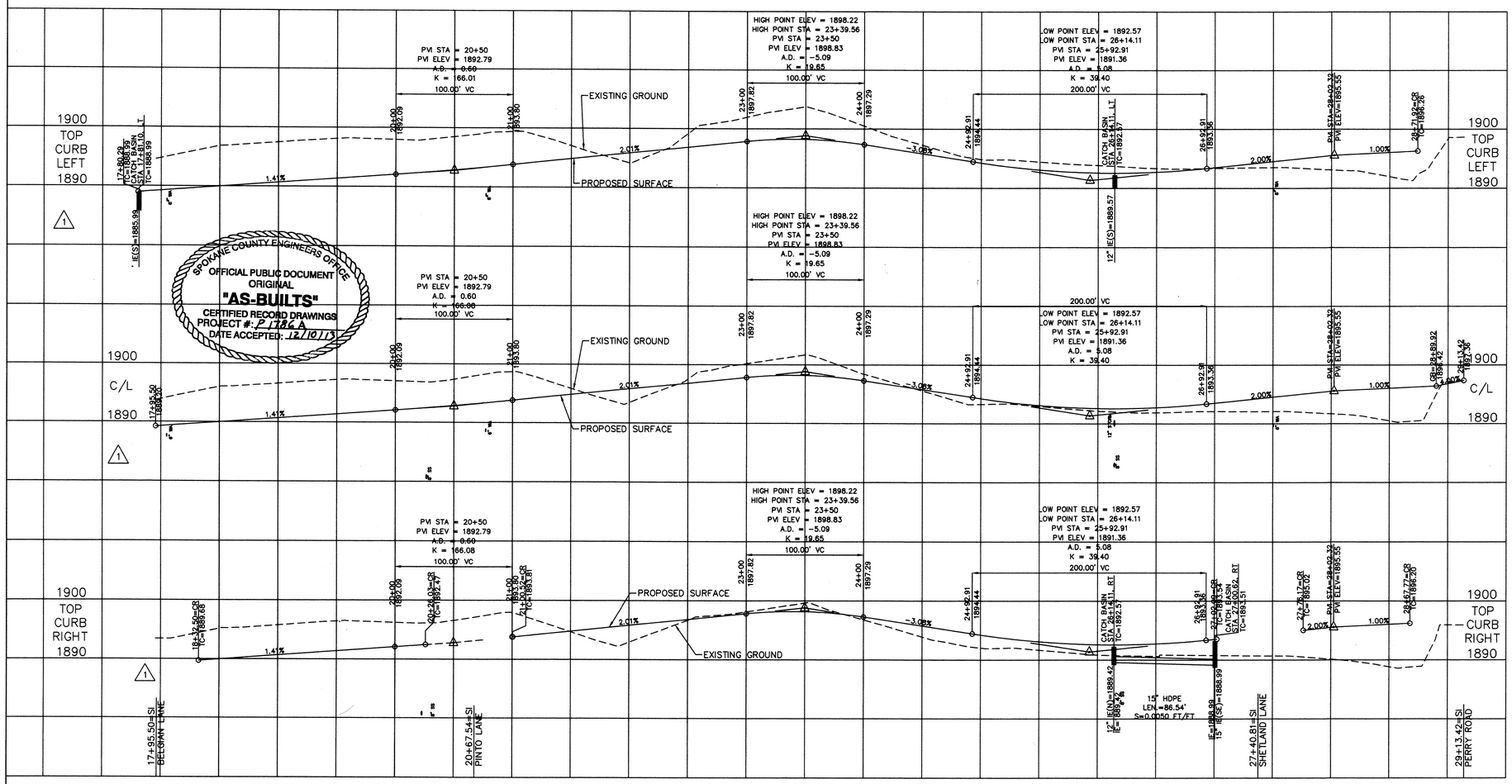
SHEET 1 OF 9
JOB NUMBER 2004-65

SE 1/4 SECTION 5, T. 26 N., R. 43 E., W.M.
SW 1/4 SECTION 4, T. 26 N., R. 43 E., W.M.

UNDERGROUND SERVICE ALERT
ONE-CALL NUMBER
1-800
424-5555
CALL TWO BUSINESS DAYS BEFORE YOU DIG

RECORD DRAWING





SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
"AS-BUILTS"
CERTIFIED RECORD DRAWINGS
PROJECT #: P 1786 A
DATE ACCEPTED: 12/10/13

CONSTRUCTION NOTES

1. PROVIDE AND INSTALL TYPE "R" CURB PER SPOKANE COUNTY STANDARD.
2. PROVIDE AND INSTALL TYPE 1 CATCH BASIN, TYPE 2 FRAME AND HOOD, AND TYPE 1 GRATE PER SPOKANE COUNTY STANDARD PLAN B-4, B-11, AND B-12 SEE PROFILE FOR STATION, OFFSET AND ELEVATION INFORMATION.
3. PROVIDE AND INSTALL 12" HDPE STORM DRAIN PIPE TO GRADE AND I.E.'S AS SHOWN ON PROFILE.
4. PROVIDE AND INSTALL STREET AND STOP SIGN PER SPOKANE COUNTY STANDARD PLAN A-16.
5. PROVIDE AND INSTALL TYPE 1 CATCH BASIN, TYPE 2 FRAME AND HOOD, AND TYPE 3 GRATE PER SPOKANE COUNTY STANDARD PLAN B-4, B-11, AND B-14 SEE PROFILE FOR STATION, OFFSET AND ELEVATION INFORMATION.
6. PROVIDE AND INSTALL DRIVEWAY PER SPOKANE COUNTY STANDARDS. SEE DETAIL 1 SHEET 2 (TYP).
7. PROVIDE AND INSTALL 15" HDPE STORM DRAIN PIPE TO GRADE AND I.E.'S AS SHOWN ON PROFILE.

LINE TABLE

LINE	LENGTH	BEARING
L26	272.04	S83°12'14"W
L27	139.66	S83°12'14"W
L28	245.62	N89°46'55"E
L29	390.26	N87°11'02"E

N
W E
S

CURVE TABLE

CURVE	LENGTH	RADIUS	TANGENT	CHORD	DELTA
C12	51.38	447.50	25.72	51.35	6°34'41"
C13	18.96	418.00	9.48	18.95	2°35'53"
C54	31.42	20.00	20.00	28.28	90°00'00"
C55	33.71	20.00	22.44	29.86	96°34'41"
C56	29.12	20.00	17.83	26.61	83°25'19"
C57	32.32	20.00	20.93	28.92	92°35'54"
C58	30.51	20.00	19.11	27.64	87°24'06"
C59	29.48	20.00	18.15	26.88	84°26'35"
C60	32.55	20.00	21.17	29.08	93°15'18"

ANDY J. ELIASON
STATE OF WASHINGTON
#2767
REGISTERED
PROFESSIONAL ENGINEER
9/26/13

EXPIRES 05/28/15

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.

SPOKANE COUNTY PUBLIC WORKS
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #: _____
DATE ACCEPTED: _____
ACCEPTANCE EXPIRES: _____
PROJECTS LANE MILES: PUBLIC: _____
PROJECT LANE MILES PRIVATE: _____
CONSTRUCTION DOCUMENTATION AND CERTIFIED RECORD DRAWINGS, "AS-BUILTS" ARE REQUIRED PRIOR TO COUNTY ACCEPTANCE AND ESTABLISHMENT OF THE ROADS AND DRAINAGE FACILITIES FOR MAINTENANCE
PERMIT REQUIRED! (509) 477-3600
NOTIFY PERMIT ENGINEER 2 BUSINESS DAYS PRIOR TO CONSTRUCTION

NAVD-88 DATUM
VERTICAL DATUM:
WSDOT BRASS DISK GP-32395-200, SET IN A CONCRETE WALK AT THE NORTHWEST QUADRANT OF THE INTERSECTION OF P.S.H. NO. 2 AND FARWELL ROAD.
ELEV. = 1840.05 (NAVD-88)

DEVELOPER'S APPROVAL _____ DATE _____

NO.	DATE	BY	REVISIONS
	9/26/13	AJE	RECORD DRAWING BY ALLWEST TESTING & ENGINEERING, LLC
1	7/3/08	MRW	PROFILE AND ELEVATION CHANGE
	10/9/07	SRR	MYLAR SUBMITTAL TO SPOKANE COUNTY
	-------	MAT	SUBMITTAL TO SPOKANE COUNTY
	10/06	MEK	ORIGINAL PLAN PREPERATION

SCALE:
HORIZONTAL: 1"=50'
VERTICAL: 1"=10'

PROJ #: 2004-65
DATE: 7/3/08
DRAWN: MRW
APPROVED: TRW

P-1786

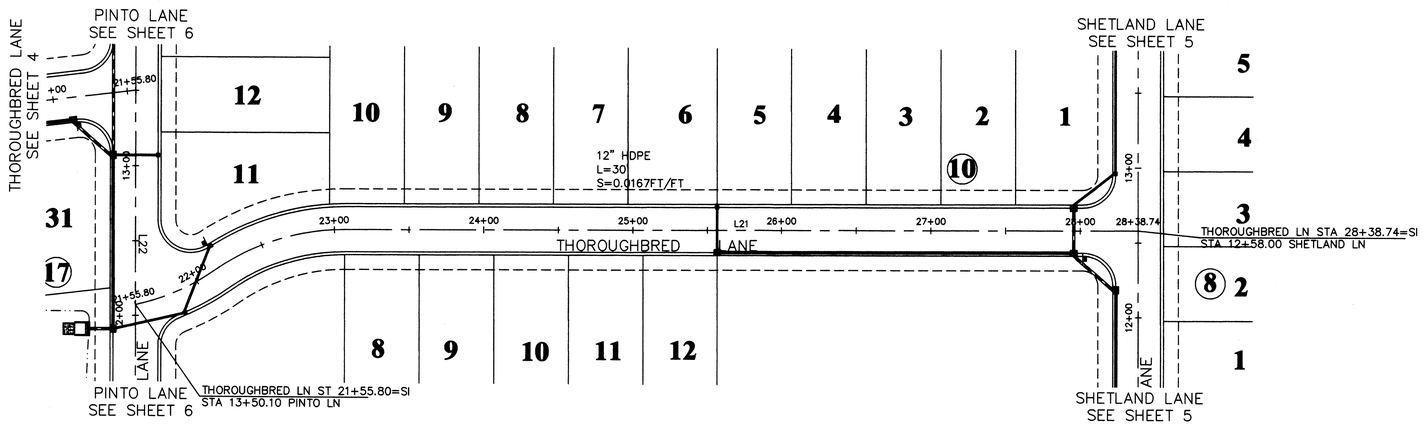
WCE
WHIPPLE CONSULTING ENGINEERS
CIVIL AND TRANSPORTATION ENGINEERING
2528 NORTH SULLIVAN ROAD
SPOKANE VALLEY, WASHINGTON 99216
PH: 509-893-2617 FAX: 509-926-0227

STREET AND DRAINAGE ASBUILT PLAN
STONE HORSE BLUFF PHASE II
ARABIAN LANE
SPOKANE COUNTY, WASHINGTON

SHEET 2 OF 9
JOB NUMBER 2004-65

SE 1/4 SECTION 5, T. 26 N., R. 43 E., W.M.
SW 1/4 SECTION 4, T. 26 N., R. 43 E., W.M.

RECORD DRAWING

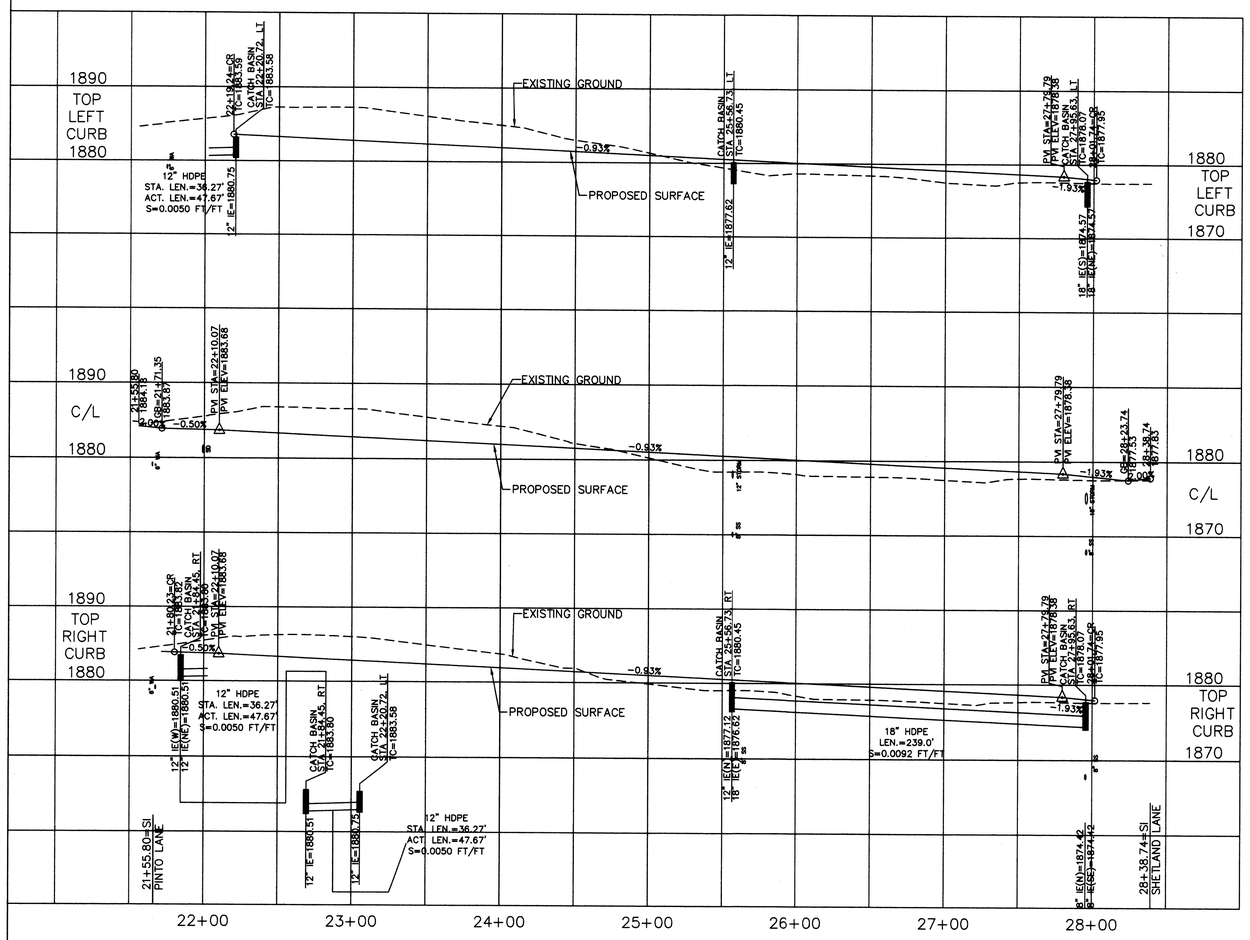


CONSTRUCTION NOTES

1. PROVIDE AND INSTALL TYPE "R" CURB PER SPOKANE COUNTY STANDARD.
2. PROVIDE AND INSTALL TYPE 1 CATCH BASIN, TYPE 2 FRAME AND HOOD, AND TYPE 1 GRATE PER SPOKANE COUNTY STANDARD PLAN B-4, B-11, AND B-12 SEE PROFILE FOR STATION, OFFSET AND ELEVATION INFORMATION.
3. PROVIDE AND INSTALL 12" HDPE STORM DRAIN PIPE TO GRADE AND I.E.'S AS SHOWN ON PROFILE.
4. PROVIDE AND INSTALL STREET SIGN PER SPOKANE COUNTY STANDARD PLAN A-16.
5. PROVIDE AND INSTALL 18" HDPE STORM DRAIN PIPE TO GRADE AND I.E.'S AS SHOWN ON PROFILE.
6. PROVIDE AND INSTALL W.S.D.O.T. 48" TYPE 2 CATCH BASIN PER W.S.D.O.T. STANDARD PLAN B-10.20-00 WITH METAL FRAME; TYPE 2 HOOD AND FRAME AND TYPE 3 GRATE PER SPOKANE COUNTY STANDARD PLAN B-11, AND B-14. SEE PROFILE FOR STATION, OFFSET AND ELEVATION INFORMATION.
7. PROVIDE AND INSTALL DRIVEWAY PER SPOKANE COUNTY STANDARDS. SEE DETAIL 1 SHEET 2 (TYP).
8. PROVIDE AND INSTALL W.S.D.O.T. 48" TYPE 2 CATCH BASIN PER W.S.D.O.T. STANDARD PLAN B-10.20-00 WITH METAL FRAME; TYPE 2 HOOD AND FRAME AND TYPE 1 GRATE PER SPOKANE COUNTY STANDARD PLAN B-11, AND B-12. SEE PROFILE FOR STATION, OFFSET AND ELEVATION INFORMATION.

LINE TABLE		
LINE	LENGTH	BEARING
L21	532.00	N89°46'55"E

CURVE TABLE					
CURVE	LENGTH	RADIUS	TANGENT	CHORD	DELTA
C10	91.63	150.00	47.29	90.21	35°00'00"
C11	59.31	150.00	30.05	58.92	22°39'13"
C46	31.42	20.00	20.00	28.28	90°00'00"
C47	31.42	20.00	20.00	28.28	90°00'00"
C48	23.85	20.00	13.57	22.46	68°19'23"
C49	43.08	20.00	37.16	35.22	123°25'19"



SPOKANE COUNTY ENGINEERS OFFICIAL PUBLIC DOCUMENT "AS-BUILTS" CERTIFIED RECORD DRAWINGS PROJECT #: P1786A DATE ACCEPTED: 12/10/13

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.

RANDY J. ELLASON, STATE OF WASHINGTON, 22767, REGISTERED PROFESSIONAL ENGINEER — 9/26/13

EXPIRES 05/28/15

N
W E
S

GRAPHIC SCALE
50 0 25 50 100
(IN FEET)
1 inch = 50 ft.

SPOKANE COUNTY PUBLIC WORKS
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #: _____
DATE ACCEPTED: _____
ACCEPTANCE EXPIRES: _____
PROJECTS LANE MILES: PUBLIC: _____
PROJECT LANE MILES PRIVATE: _____
CONSTRUCTION DOCUMENTATION AND CERTIFIED RECORD DRAWINGS, "AS-BUILTS" ARE REQUIRED PRIOR TO COUNTY ACCEPTANCE AND ESTABLISHMENT OF THE ROADS AND DRAINAGE FACILITIES FOR MAINTENANCE PERMIT REQUIRED: (509) 477-3600
NOTIFY PERMIT ENGINEER 2 BUSINESS DAYS PRIOR TO CONSTRUCTION

NAVD-88 DATUM
VERTICAL DATUM:
WSDOT BRASS DISK GP-32395-200, SET IN A CONCRETE WALK AT THE NORTHWEST QUADRANT OF THE INTERSECTION OF P.S.H. NO. 2 AND FARWELL ROAD.
ELEV. = 1840.05 (NAVD-88)

DEVELOPER'S APPROVAL _____ DATE _____

NO.	DATE	BY	REVISIONS
	9/26/13	AJE	RECORD DRAWING BY ALLWEST TESTING & ENGINEERING, LLC
1	7/3/08	MRW	PROFILE AND ELEVATION CHANGE
	10/9/07	SRR	MYLAR SUBMITTAL TO SPOKANE COUNTY
	-------	MAT	SUBMITTAL TO SPOKANE COUNTY
	10/06	MEK	ORIGINAL PLAN PREPERATION

SCALE: HORIZONTAL: 1"=50' VERTICAL: 1"=10'

PROJ #: 2004-65
DATE: 7/3/08
DRAWN: MRW
APPROVED: TRW

P-1786

WCE
WHIPPLE CONSULTING ENGINEERS
CIVIL AND TRANSPORTATION ENGINEERING
2528 NORTH SULLIVAN ROAD
SPOKANE VALLEY, WASHINGTON 99216
PH: 509-893-2617 FAX: 509-926-0227

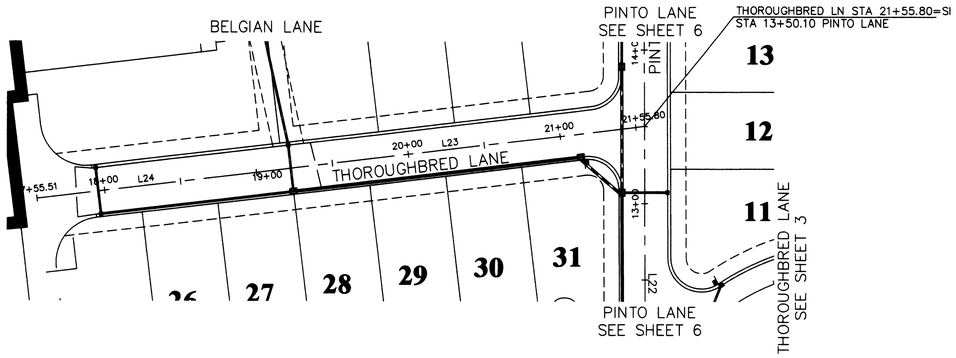
STREET AND DRAINAGE ASBUILT PLAN
STONE HORSE BLUFF PHASE II
THOROUGHBRED LANE
SPOKANE COUNTY, WASHINGTON

SHEET 3 OF 9
JOB NUMBER 2004-65

SE 1/4 SECTION 5, T. 26 N., R. 43 E., W.M.
SW 1/4 SECTION 4, T. 26 N., R. 43 E., W.M.

RECORD DRAWING

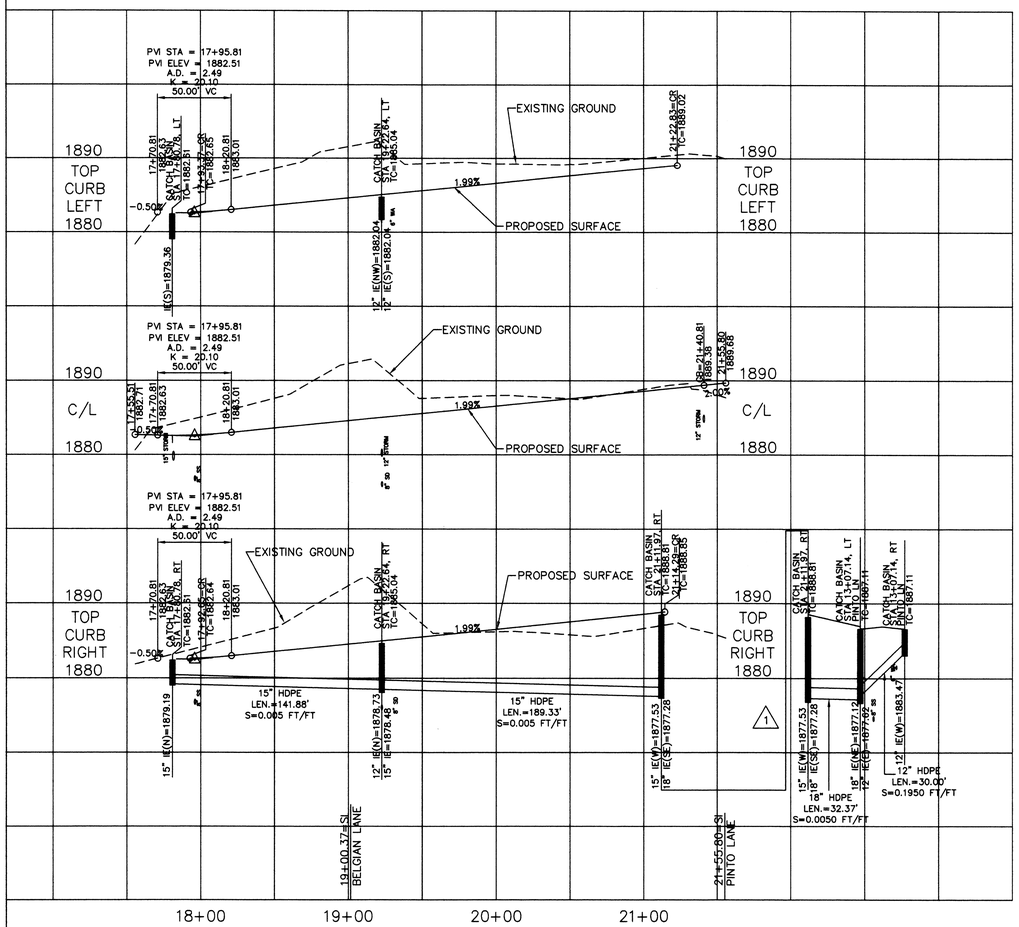
UNDERGROUND SERVICE ALERT
ONE-CALL NUMBER
1-800
424-5555
CALL TWO BUSINESS DAYS
BEFORE YOU DIG



CONSTRUCTION NOTES

1. PROVIDE AND INSTALL TYPE "R" CURB PER SPOKANE COUNTY STANDARD.
2. PROVIDE AND INSTALL TYPE 1 CATCH BASIN, TYPE 2 FRAME AND HOOD, AND TYPE 1 GRATE PER SPOKANE COUNTY STANDARD PLAN B-4, B-11, AND B-12. SEE PROFILE FOR STATION, OFFSET AND ELEVATION INFORMATION.
3. PROVIDE AND INSTALL 12" HDPE STORM DRAIN PIPE TO GRADE AND I.E.'S AS SHOWN ON PROFILE.
4. PROVIDE AND INSTALL STREET SIGN PER SPOKANE COUNTY STANDARD PLAN A-16.
5. PROVIDE AND INSTALL 18" HDPE STORM DRAIN PIPE TO GRADE AND I.E.'S AS SHOWN ON PROFILE.
6. PROVIDE AND INSTALL W.S.D.O.T. 48" TYPE 2 CATCH BASIN PER W.S.D.O.T. STANDARD PLAN B-10.20-00 WITH METAL FRAME; TYPE 2 HOOD AND FRAME AND TYPE 1 GRATE PER SPOKANE COUNTY STANDARD PLAN B-11, AND B-12. SEE PROFILE FOR STATION, OFFSET AND ELEVATION INFORMATION.
7. PROVIDE AND INSTALL DRIVEWAY PER SPOKANE COUNTY STANDARDS. SEE DETAIL 1 SHEET 2 (TYP).
8. PROVIDE AND INSTALL TYPE 1 CATCH BASIN, TYPE 2 FRAME AND HOOD, AND TYPE 3 GRATE PER SPOKANE COUNTY STANDARD PLAN B-4, B-11, AND B-14. SEE PROFILE FOR STATION, OFFSET AND ELEVATION INFORMATION.
9. PROVIDE AND INSTALL 15" HDPE STORM DRAIN PIPE TO GRADE AND I.E.'S AS SHOWN ON PROFILE.

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT
ORIGINAL
"AS-BUILTS"
CERTIFIED RECORD DRAWINGS
PROJECT #: P1786A
DATE ACCEPTED: 12/10/13



LINE TABLE		
LINE	LENGTH	BEARING
L23	255.44	N83°12'14"E
L24	144.86	S83°12'14"W

CURVE TABLE					
CURVE	LENGTH	RADIUS	TANGENT	CHORD	DELTA
C49	43.08	20.00	37.16	35.22	123°25'19"
C50	33.71	20.00	22.44	29.86	96°34'41"
C51	29.12	20.00	17.83	26.61	83°25'19"
C86	47.12	32.00	30.00	42.43	90°00'00"
C87	47.12	30.00	30.00	42.43	90°00'00"

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

ANDY J. ELIASSON
STATE OF WASHINGTON
42767
REGISTERED
PROFESSIONAL ENGINEER
12/6/13

EXPIRES 05/28/15

N
W E
S

GRAPHIC SCALE
50 0 25 50 100
(IN FEET)
1 inch = 50 ft.

SPOKANE COUNTY PUBLIC WORKS
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #: _____
DATE ACCEPTED: _____
ACCEPTANCE EXPIRES: _____
PROJECTS LANE MILES: PUBLIC: _____
PROJECT LANE MILES PRIVATE: _____
CONSTRUCTION DOCUMENTATION AND CERTIFIED RECORD DRAWINGS, "AS-BUILTS" ARE REQUIRED PRIOR TO COUNTY ACCEPTANCE AND ESTABLISHMENT OF THE ROADS AND DRAINAGE FACILITIES FOR MAINTENANCE PERMIT REQUIRED! (509) 477-3600
NOTIFY PERMIT ENGINEER 2 BUSINESS DAYS PRIOR TO CONSTRUCTION

NAVD-88 DATUM
VERTICAL DATUM:
WSDOT BRASS DISK GP-32395-200, SET IN A CONCRETE WALK AT THE NORTHWEST QUADRANT OF THE INTERSECTION OF P.S.H. NO. 2 AND FARWELL ROAD.
ELEV. = 1840.05 (NAVD-88)

DEVELOPER'S APPROVAL _____ DATE _____

NO.	DATE	BY	REVISIONS
	9/26/13	AJE	RECORD DRAWING BY ALLWEST TESTING & ENGINEERING, LLC
1	7/3/08	MRW	PROFILE AND ELEVATION CHANGE
	10/9/07	SRR	MYLAR SUBMITTAL TO SPOKANE COUNTY
	-------	MAT	SUBMITTAL TO SPOKANE COUNTY
	10/06	MEK	ORIGINAL PLAN PREPERATION

SCALE:
HORIZONTAL: 1"=50'
VERTICAL: 1"=10'

PROJ #: 2004-65
DATE: 7/3/08
DRAWN: MRW
APPROVED: TRW

P-1786

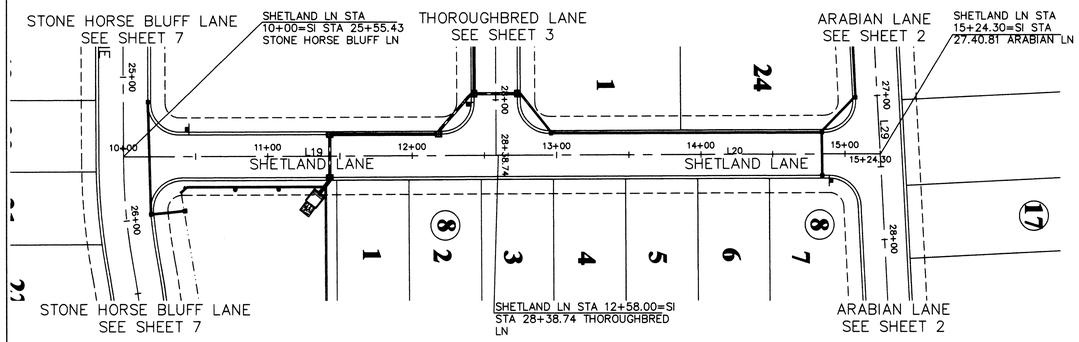
WCE
WHIPPLE CONSULTING ENGINEERS
CIVIL AND TRANSPORTATION ENGINEERING
2528 NORTH SULLIVAN ROAD
SPOKANE VALLEY, WASHINGTON 99216
PH: 509-893-2617 FAX: 509-926-0227

STREET AND DRAINAGE ASBUILT PLAN
STONE HORSE BLUFF PHASE II
THOROUGHBRED LANE
SPOKANE COUNTY, WASHINGTON

SHEET 4 OF 9
JOB NUMBER 2004-65

SE 1/4 SECTION 5, T. 26 N., R. 43 E., W.M.
SW 1/4 SECTION 4, T. 26 N., R. 43 E., W.M.

RECORD DRAWING



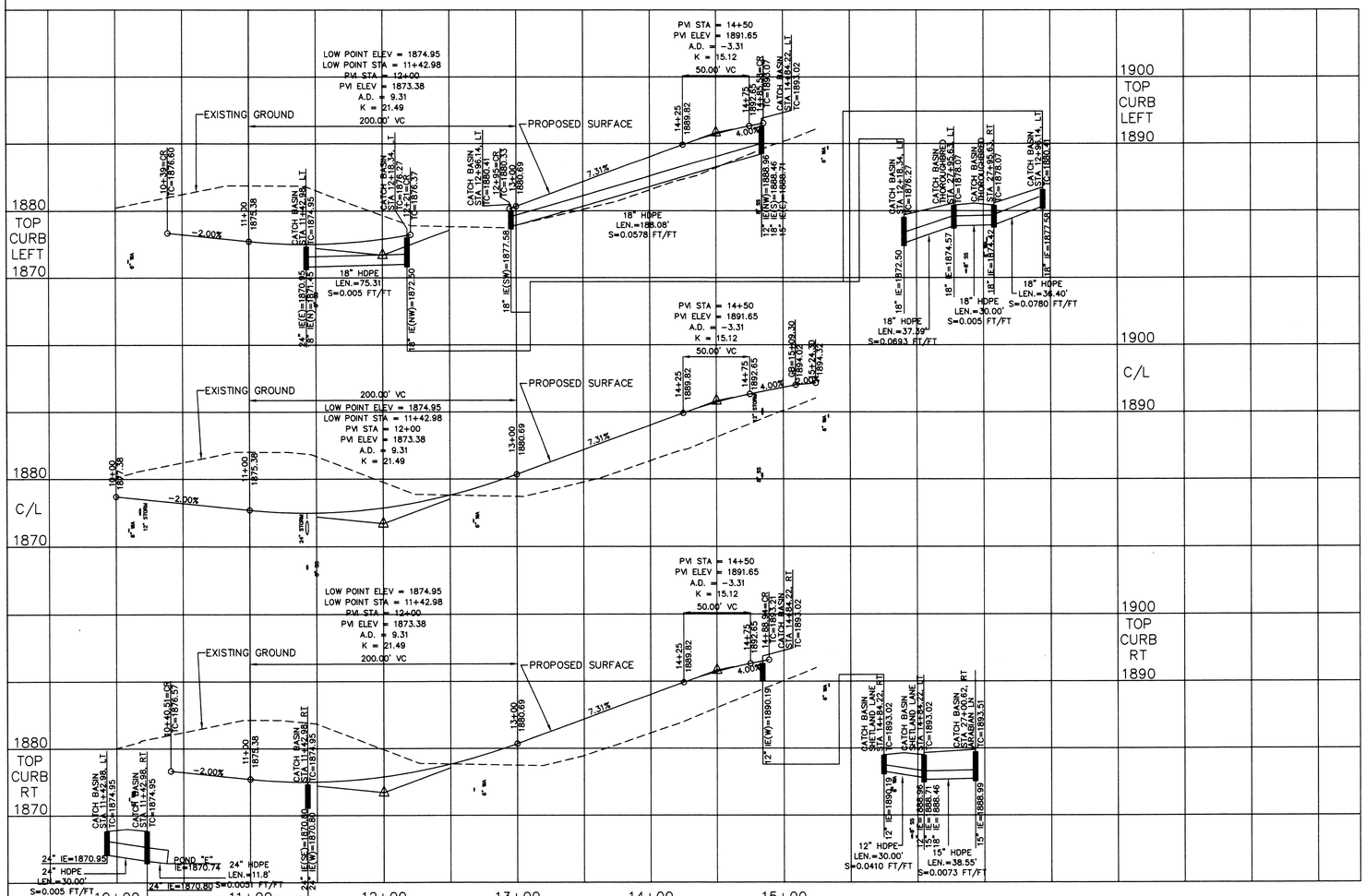
SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT
ORIGINAL
"AS-BUILTS"
CERTIFIED RECORD DRAWINGS
PROJECT #: P1786 A
DATE ACCEPTED: 12/10/13

CONSTRUCTION NOTES

1. PROVIDE AND INSTALL TYPE "R" CURB PER SPOKANE COUNTY STANDARD.
2. PROVIDE AND INSTALL TYPE 1 CATCH BASIN, TYPE 2 FRAME AND HOOD, AND TYPE 1 GRATE PER SPOKANE COUNTY STANDARD PLAN B-4, B-11, AND B-12 SEE PROFILE FOR STATION, OFFSET AND ELEVATION INFORMATION.
3. PROVIDE AND INSTALL 12" HDPE STORM DRAIN PIPE TO GRADE AND I.E.'S AS SHOWN ON PROFILE.
4. PROVIDE AND INSTALL STREET SIGN PER SPOKANE COUNTY STANDARD PLAN A-16.
5. PROVIDE AND INSTALL TYPE 1 CATCH BASIN, TYPE 2 FRAME AND HOOD, AND TYPE 3 GRATE PER SPOKANE COUNTY STANDARD PLAN B-4, B-11, AND B-14 SEE PROFILE FOR STATION, OFFSET AND ELEVATION INFORMATION.
6. PROVIDE AND INSTALL W.S.D.O.T. 48" TYPE 2 CATCH BASIN PER W.S.D.O.T. STANDARD PLAN B-10.20-00 WITH METAL FRAME; TYPE 2 HOOD AND FRAME AND TYPE 3 GRATE PER SPOKANE COUNTY STANDARD PLAN B-11, AND B-14. SEE PROFILE FOR STATION, OFFSET AND ELEVATION INFORMATION.
7. SEE POND DETAIL FOR PIPE, DRYWELL, AND INLET INFORMATION.
8. PROVIDE AND INSTALL DRIVEWAY PER SPOKANE COUNTY STANDARDS (TYP).
9. PROVIDE AND INSTALL W.S.D.O.T. 48" TYPE 2 CATCH BASIN PER W.S.D.O.T. STANDARD PLAN B-10.20-00 WITH METAL FRAME; TYPE 2 HOOD AND FRAME AND TYPE 1 GRATE PER SPOKANE COUNTY STANDARD PLAN B-11, AND B-12. SEE PROFILE FOR STATION, OFFSET AND ELEVATION INFORMATION.
10. PROVIDE AND INSTALL 18" HDPE STORM DRAIN PIPE TO GRADE AND I.E.'S AS SHOWN ON PROFILE.
11. PROVIDE AND INSTALL 15" HDPE STORM DRAIN PIPE TO GRADE AND I.E.'S AS SHOWN ON PROFILE.
12. PROVIDE AND INSTALL 24" HDPE STORM DRAIN PIPE TO GRADE AND I.E.'S AS SHOWN ON PROFILE.

LINE TABLE		
LINE	LENGTH	BEARING
L19	258.00	S00°13'05"E
L20	266.30	N00°13'05"W
L29	390.26	N87°11'02"E

CURVE TABLE					
CURVE	LENGTH	RADIUS	TANGENT	CHORD	DELTA
C8	72.10	400.00	36.15	72.01	10°19'41"
C44	33.25	20.00	21.92	29.55	95°14'27"
C45	31.42	20.00	20.00	28.28	90°00'00"
C46	31.42	20.00	20.00	28.28	90°00'00"
C47	31.42	20.00	20.00	28.28	90°00'00"
C57	32.32	20.00	20.93	28.92	92°35'54"
C58	30.51	20.00	19.11	27.64	87°24'06"



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.

ANDY J. ELIASSON
STATE OF WASHINGTON
42767
REGISTERED PROFESSIONAL ENGINEER
9/26/13
EXPIRES 05/28/15

SPOKANE COUNTY PUBLIC WORKS
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #:
DATE ACCEPTED:
ACCEPTANCE EXPIRES:
PROJECTS LANE MILES: PUBLIC:
PROJECT LANE MILES PRIVATE:
CONSTRUCTION DOCUMENTATION AND CERTIFIED RECORD DRAWINGS, "AS-BUILTS" ARE REQUIRED PRIOR TO COUNTY ACCEPTANCE AND ESTABLISHMENT OF THE ROADS AND DRAINAGE FACILITIES FOR MAINTENANCE PERMIT REQUIRED! (509) 477-3600
NOTIFY PERMIT ENGINEER 2 BUSINESS DAYS PRIOR TO CONSTRUCTION

W S E N Z
GRAPHIC SCALE
50 0 25 50 100
(IN FEET)
1 inch = 50 ft.

P-1786

NAVD-88 DATUM
VERTICAL DATUM:
WSDOT BRASS DISK GP-32395-200, SET IN A CONCRETE WALK AT THE NORTHWEST QUADRANT OF THE INTERSECTION OF P.S.H. NO. 2 AND FARWELL ROAD.
ELEV. = 1840.05 (NAVD-88)

DEVELOPER'S APPROVAL DATE

NO.	DATE	BY	REVISIONS
	9/26/13	AJE	RECORD DRAWING BY ALLWEST TESTING & ENGINEERING, LLC
	10/9/07	SRR	MYLAR SUBMITTAL TO SPOKANE COUNTY
	-------	MAT	SUBMITTAL TO SPOKANE COUNTY
	10/06	MEK	ORIGINAL PLAN PREPERATION

SCALE:
HORIZONTAL: 1"=50'
VERTICAL: 1"=10'

PROJ #: 2004-65
DATE: 10/09/07
DRAWN: MEK
APPROVED: TRW

WCE
WHIPPLE CONSULTING ENGINEERS
CIVIL AND TRANSPORTATION ENGINEERING
2528 NORTH SULLIVAN ROAD
SPOKANE VALLEY, WASHINGTON 99216
PH: 509-893-2617 FAX: 509-926-0227

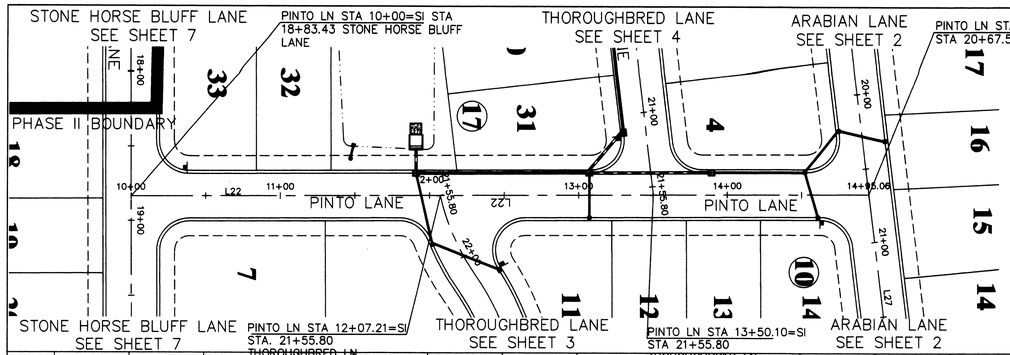
STREET AND DRAINAGE ASBUILT PLAN
STONE HORSE BLUFF PHASE II
SHETLAND LANE
SPOKANE COUNTY, WASHINGTON

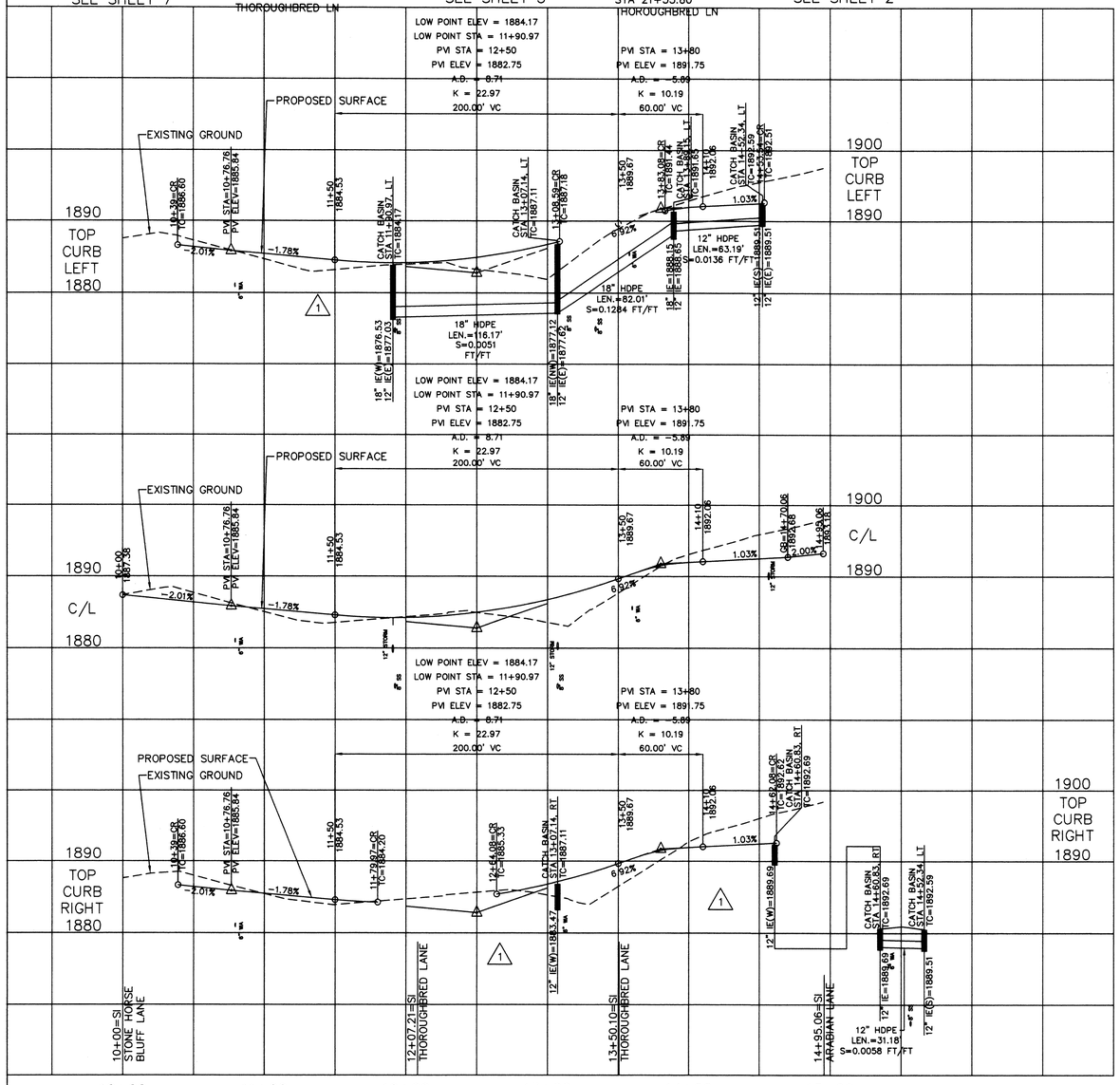
SHEET 5 OF 9
JOB NUMBER 2004-65

SE 1/4 SECTION 5, T. 26 N., R. 43 E., W.M.
SW 1/4 SECTION 4, T. 26 N., R. 43 E., W.M.

RECORD DRAWING

UNDERGROUND SERVICE ALERT
ONE-CALL NUMBER
1-800
424-5555
CALL TWO BUSINESS DAYS BEFORE YOU DIG





CONSTRUCTION NOTES

1. PROVIDE AND INSTALL TYPE "R" CURB PER SPOKANE COUNTY STANDARD.
2. PROVIDE AND INSTALL TYPE 1 CATCH BASIN, TYPE 2 FRAME AND HOOD, AND TYPE 1 GRATE PER SPOKANE COUNTY STANDARD PLAN B-4, B-11, AND B-12 SEE PROFILE FOR STATION, OFFSET AND ELEVATION INFORMATION.
3. PROVIDE AND INSTALL 12" HDPE STORM DRAIN PIPE TO GRADE AND I.E.'S AS SHOWN ON PROFILE.
4. PROVIDE AND INSTALL STREET SIGN PER SPOKANE COUNTY STANDARD PLAN A-16.
5. PROVIDE AND INSTALL W.S.D.O.T. 48" TYPE 2 CATCH BASIN PER W.S.D.O.T. STANDARD PLAN B-10.20-00 WITH METAL FRAME; TYPE 2 HOOD AND FRAME AND TYPE 1 GRATE PER SPOKANE COUNTY STANDARD PLAN B-11, AND B-12. SEE PROFILE FOR STATION, OFFSET AND ELEVATION INFORMATION.
6. PROVIDE AND INSTALL W.S.D.O.T. 48" TYPE 2 CATCH BASIN PER W.S.D.O.T. STANDARD PLAN B-10.20-00 WITH METAL FRAME; TYPE 2 HOOD AND FRAME AND TYPE 3 GRATE PER SPOKANE COUNTY STANDARD PLAN B-11, AND B-14. SEE PROFILE FOR STATION, OFFSET AND ELEVATION INFORMATION.
7. SEE POND DETAIL FOR PIPE, DRYWELL, AND INLET INFORMATION.
8. PROVIDE AND INSTALL DRIVEWAY PER SPOKANE COUNTY STANDARDS. SEE DETAIL 1 SHEET 2 (TYP).
9. PROVIDE AND INSTALL 18" HDPE STORM DRAIN PIPE TO GRADE AND I.E.'S AS SHOWN ON PROFILE.

LINE TABLE		
LINE	LENGTH	BEARING
L22	495.06	S00°13'05"E

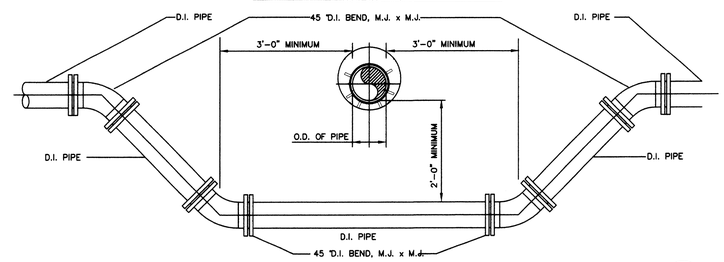
CURVE TABLE					
CURVE	LENGTH	RADIUS	TANGENT	CHORD	DELTA
C42	31.42	20.00	20.00	28.28	90°00'00"
C43	31.42	20.00	20.00	28.28	90°00'00"
C48	23.85	20.00	13.57	22.46	68°19'23"
C49	43.08	20.00	37.16	35.22	123°25'19"
C50	33.71	20.00	22.44	29.86	96°34'41"
C51	29.12	20.00	17.83	26.61	83°25'19"
C55	33.71	20.00	22.44	29.86	96°34'41"
C56	29.12	20.00	17.83	26.61	83°25'19"

ANDY J. ELIASSON
STATE OF WASHINGTON
42767
REGISTERED PROFESSIONAL ENGINEER
9/26/13
EXPIRES 05/28/15

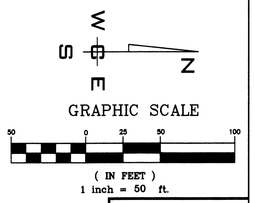
I HAVE REVIEWED THE CONSTRUCTION AND TO MY KNOWLEDGE FIND IT TO BE IN SUBSTANTIAL CONFORMANCE WITH THE APPROVED CERTIFIED PLANS AND STANDARD SPECIFICATIONS EXCEPT AS NOTED.

SPOKANE COUNTY PUBLIC WORKS
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #: _____
DATE ACCEPTED: _____
ACCEPTANCE EXPIRES: _____
PROJECTS LANE MILES: PUBLIC: _____
PROJECT LANE MILES PRIVATE: _____
CONSTRUCTION DOCUMENTATION AND CERTIFIED RECORD DRAWINGS, "AS-BUILTS" ARE REQUIRED PRIOR TO COUNTY ACCEPTANCE AND ESTABLISHMENT OF THE ROADS AND DRAINAGE FACILITIES FOR MAINTENANCE
PERMIT REQUIRED! (509) 477-3600
NOTIFY PERMIT ENGINEER 2 BUSINESS DAYS PRIOR TO CONSTRUCTION

NOTE:
CONTRACTOR TO TAKE NOTE, WHERE WATER LINES CONFLICT WITH STORM DRAINAGE PIPE. THE WATER LINES SHALL BE ROUTED UNDER THE STORM DRAINAGE PIPE AS DIRECTED BY S.C.W.D. NO.3. SLEEVES ARE REQUIRED PER SPOKANE COUNTY STANDARD PLAN U-17. SEE DETAIL 1 SHEET 2.



STORM DRAINAGE PIPE CROSSING DETAIL
NOT TO SCALE
1



NAVD-88 DATUM
VERTICAL DATUM:
WSDOT BRASS DISK GP-32395-200, SET IN A CONCRETE WALK AT THE NORTHWEST QUADRANT OF THE INTERSECTION OF P.S.H. NO. 2 AND FARWELL ROAD.
ELEV. = 1840.05 (NAVD-88)

DEVELOPER'S APPROVAL _____ DATE _____

NO.	DATE	BY	REVISIONS
	9/26/13	AJE	RECORD DRAWING BY ALLWEST TESTING & ENGINEERING, LLC
1	7/3/08	MRW	PROFILE AND ELEVATION CHANGE
	10/9/07	SRR	MYLAR SUBMITTAL TO SPOKANE COUNTY
	-------	MAT	SUBMITTAL TO SPOKANE COUNTY
	10/06	MEK	ORIGINAL PLAN PREPERATION

SCALE:
HORIZONTAL: 1"=50'
VERTICAL: 1"=10'

PROJ #: 2004-65
DATE: 7/3/08
DRAWN: MRW
APPROVED: TRW

P-1786

WCE
WHIPPLE CONSULTING ENGINEERS
CIVIL AND TRANSPORTATION ENGINEERING
2528 NORTH SULLIVAN ROAD
SPOKANE VALLEY, WASHINGTON 99216
PH: 509-893-2617 FAX: 509-926-0227

STREET AND DRAINAGE ASBUILT PLAN
STONE HORSE BLUFF PHASE II
PINTO LANE
SPOKANE COUNTY, WASHINGTON

SHEET 6 OF 9
JOB NUMBER 2004-65

SE 1/4 SECTION 5, T. 26 N., R. 43 E., W.M. SW 1/4 SECTION 4, T. 26 N., R. 43 E., W.M.

CURVE TABLE					
CURVE	LENGTH	RADIUS	TANGENT	CHORD	DELTA
C8	72.10	400.00	36.15	72.01	10°19'41"
C9	72.10	400.00	36.15	72.00	10°19'38"

LINE TABLE		
LINE	LENGTH	BEARING
L12	330.16	N89°46'52"E
L18	946.40	N89°46'55"E

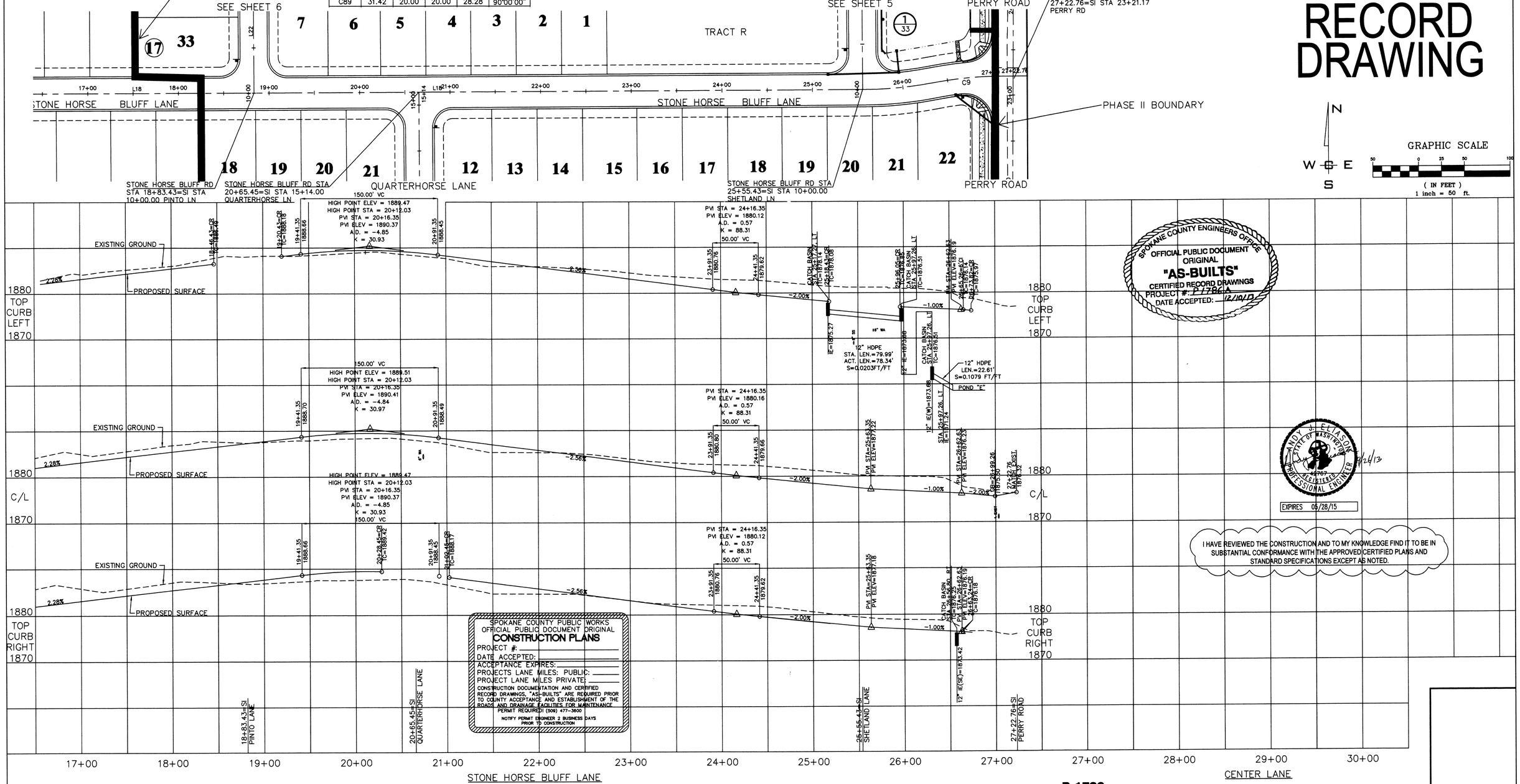
CURVE TABLE					
CURVE	LENGTH	RADIUS	TANGENT	CHORD	DELTA
C42	31.42	20.00	20.00	28.28	90°00'00"
C43	31.42	20.00	20.00	28.28	90°00'00"
C44	33.25	20.00	21.92	29.55	95°14'27"
C45	31.42	20.00	20.00	28.28	90°00'00"
C61	44.26	30.00	27.27	40.36	84°32'01"
C62	47.47	30.00	30.35	42.67	90°39'28"
C63	46.78	30.00	29.66	42.18	89°20'32"
C64	50.78	30.00	33.90	44.93	96°58'54"
C65	31.15	20.00	19.74	28.10	89°14'52"
C66	31.68	20.00	20.26	28.47	90°45'08"
C67	31.15	20.00	19.74	28.10	89°14'52"
C68	31.68	20.00	20.26	28.47	90°45'08"
C88	31.42	20.00	20.00	28.28	90°00'00"
C89	31.42	20.00	20.00	28.28	90°00'00"

CONSTRUCTION NOTES

1. PROVIDE AND INSTALL TYPE "R" CURB PER SPOKANE COUNTY STANDARD.
2. PROVIDE AND INSTALL TYPE 1 CATCH BASIN, TYPE 2 FRAME AND HOOD, AND TYPE 1 GRATE PER SPOKANE COUNTY STANDARD PLAN B-4, B-11, AND B-12 SEE PROFILE FOR STATION, OFFSET AND ELEVATION INFORMATION.
3. PROVIDE AND INSTALL 12" HDPE STORM DRAIN PIPE TO GRADE AND I.E.'S AS SHOWN ON PROFILE.
4. PROVIDE AND INSTALL STREET AND STOP SIGN PER SPOKANE COUNTY STANDARD PLAN A-16.
5. PROVIDE AND INSTALL 18" HDPE STORM DRAIN PIPE TO GRADE AND I.E.'S AS SHOWN ON PROFILE.
6. PROVIDE AND INSTALL W.S.D.O.T. 48" TYPE 2 CATCH BASIN PER W.S.D.O.T. STANDARD PLAN B-10.20-00 WITH METAL FRAME; TYPE 2 HOOD AND FRAME AND TYPE 1 GRATE PER SPOKANE COUNTY STANDARD PLAN B-11, AND B-12. SEE PROFILE FOR STATION, OFFSET AND ELEVATION INFORMATION.
7. SEE POND DETAIL FOR PIPE, DRYWELL, AND INLET INFORMATION.
8. PROVIDE AND INSTALL DRIVEWAY PER SPOKANE COUNTY STANDARDS. SEE DETAIL 1 SHEET 2 (TYP).
9. PROVIDE AND INSTALL TYPE 1 CURB INLET PER SPOKANE COUNTY STANDARD PLAN B-8. SEE PROFILE FOR STATION AND ELEVATION (TYP).
10. PROVIDE AND INSTALL W.S.D.O.T. 48" TYPE 2 CATCH BASIN PER W.S.D.O.T. STANDARD PLAN B-10.20-00 WITH METAL FRAME; TYPE 2 HOOD AND FRAME AND TYPE 3 GRATE PER SPOKANE COUNTY STANDARD PLAN B-11, AND B-14. SEE PROFILE FOR STATION, OFFSET AND ELEVATION INFORMATION.
11. PROVIDE AND INSTALL TYPE B CURB RAMP PER SPOKANE COUNTY STANDARD PLAN A-5.
12. PROVIDE AND INSTALL 5' CONCRETE SIDEWALK PER SPOKANE COUNTY STANDARD PLAN A-4.
13. PROVIDE AND INSTALL 15" HDPE STORM DRAIN PIPE TO GRADE AND I.E.'S AS SHOWN IN PROFILE.
14. PROVIDE AND INSTALL TYPE B CURB AND GUTTER PER SPOKANE COUNTY STANDARD PLAN A-3

UNDERGROUND SERVICE ALERT
ONE-CALL NUMBER
1-800
424-5555
CALL TWO BUSINESS DAYS BEFORE YOU DIG

RECORD DRAWING



P-1786

NAVD-88 DATUM
VERTICAL DATUM:
WSDOT BRASS DISK GP-32395-200, SET IN A CONCRETE WALK AT THE NORTHWEST QUADRANT OF THE INTERSECTION OF P.S.H. NO. 2 AND FARWELL ROAD.
ELEV. = 1840.05 (NAVD-88)

DEVELOPER'S APPROVAL DATE

NO.	DATE	BY	REVISIONS
	9/26/13	AJE	RECORD DRAWING BY ALLWEST TESTING & ENGINEERING, LLC
	10/9/07	SRR	MYLAR SUBMITTAL TO SPOKANE COUNTY
	-------	MAT	SUBMITTAL TO SPOKANE COUNTY
	10/06	MEK	ORIGINAL PLAN PREPERATION

SCALE:
HORIZONTAL: 1"=50'
VERTICAL: 1"=10'

PROJ #: 2004-65
DATE: 10/09/07
DRAWN: MEK
APPROVED: TRW

WCE
WHIPPLE CONSULTING ENGINEERS
CIVIL AND TRANSPORTATION ENGINEERING
2528 NORTH SULLIVAN ROAD
SPOKANE VALLEY, WASHINGTON 99216
PH: 509-893-2617 FAX: 509-926-0227

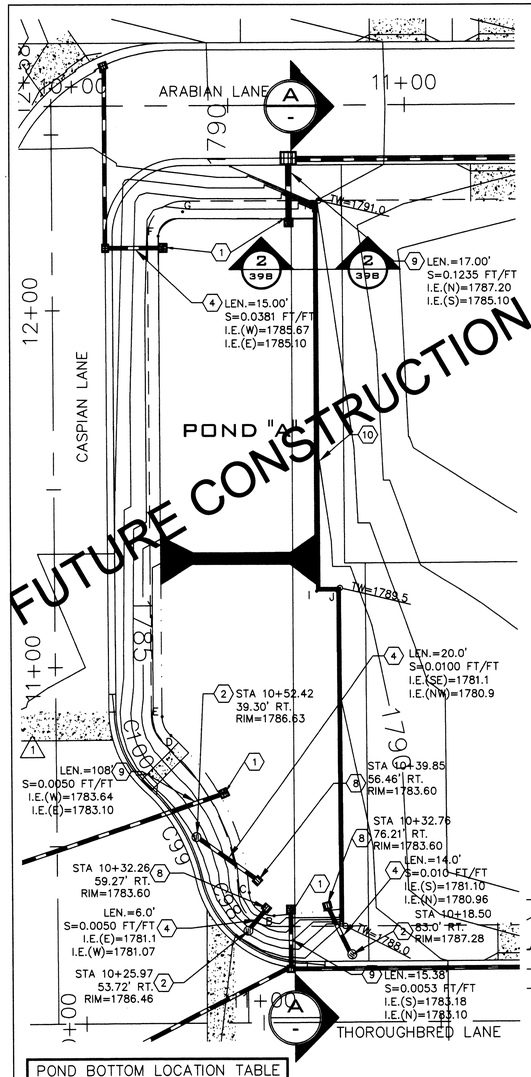
STREET AND DRAINAGE AS-BUILT PLAN
STONE HORSE BLUFF PHASE II
STONE HORSE BLUFF LANE
SPOKANE COUNTY, WASHINGTON

SHEET 7 OF 9
JOB NUMBER 2004-65

SE 1/4 SECTION 5, T. 26 N., R. 43 E., W.M.
SW 1/4 SECTION 4, T. 26 N., R. 43 E., W.M.

RECORD DRAWING

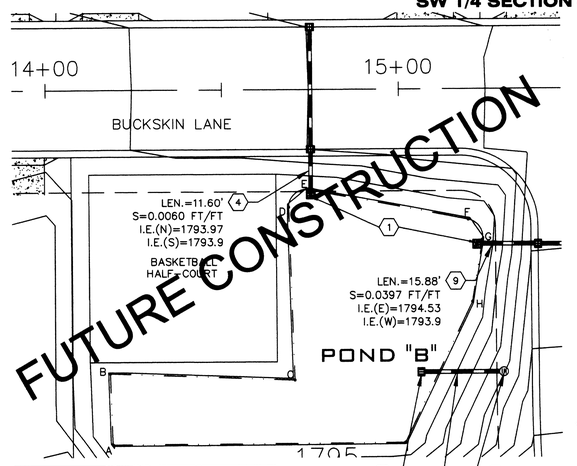
UNDERGROUND SERVICE ALERT
ONE-CALL NUMBER
1-800
424-5555
CALL TWO BUSINESS DAYS BEFORE YOU DIG



POND BOTTOM LOCATION TABLE CASPIAN STATION & OFFSET			
POINT	STATION	OFFSET	DISTANCE
A	10+31.72	79.7' RT.	18.7'
B	10+30.00	61.1' RT.	R=7.0'
C	10+36.62	54.1' RT.	R=63.0'
D	10+80.87	32.4' RT.	R=7.0'
E	10+86.17	30.0' RT.	134.8'
F	12+21.00	30.0' RT.	R=6.3'
G	12+26.00	37.0' RT.	37.7'
H	12+26.00	74.0' RT.	107.0'
I	11+21.00	37.0' RT.	5.8'
J	11+21.00	79.8' RT.	J–A 91.0'

POND "A"
POND BOTTOM AREA PROVIDED = 7911 SF
POND BOTTOM EL. = 1785.10(N) – 1783.10(S)
MINIMUM BERM EL. = 1786.10(N) – 1784.10(S)

POND "A" DETAIL (1)



POND BOTTOM LOCATION TABLE BUCKSKIN LANE STATION & OFFSET			
POINT	STATION	OFFSET	DISTANCE
A	14+18.43	100.5' RT.	19.9'
B	14+17.87	80.2' RT.	52.2'
C	14+70.05	82.1' RT.	48.6'
D	14+68.68	33.6' RT.	R=5.0'
E	14+74.64	28.5' RT.	45.62'
F	15+19.41	37.2' RT.	R=5.0'
G	15+23.39	43.0' RT.	17.7'
H	15+20.41	60.4' RT.	43.8'
I	15+01.15	99.8' RT.	I–A 82.7'

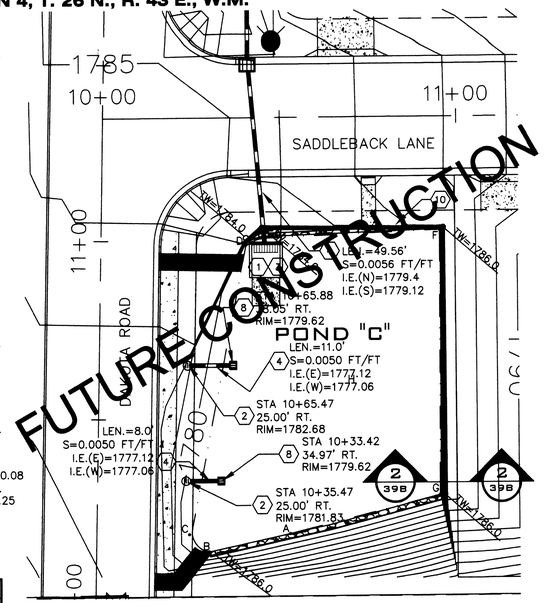
POND "B"
POND BOTTOM AREA PROVIDED = 4057 SF
POND BOTTOM EL. = 1793.9
MINIMUM BERM EL. = 1794.9

POND "B" DETAIL (2)

POND BOTTOM LOCATION TABLE DAKOTA STATION & OFFSET			
POINT	STATION	OFFSET	DISTANCE
A	11+81.79	209.79' LT.	81.6'
B	11+93.30	46.02' LT.	R=5.0'
C	11+83.73	40.69 LT.	50.6'
D	11+56.12	42.09' LT.	R=5.0'
E	11+51.34	46.95' LT.	109.1'
F	11+46.97	209.54' LT.	R=5.0'
G	11+52.01	214.67' LT.	68.3'
H	11+76.77	209.79' LT.	68.3'

POND "D"
~~POND BOTTOM AREA PROVIDED = 6818 SF~~
POND BOTTOM EL. = 1875.90
MINIMUM BERM EL. = 1876.90

POND "D"
ASBUILT POND BOTTOM AREA PROVIDED = 6890 SF

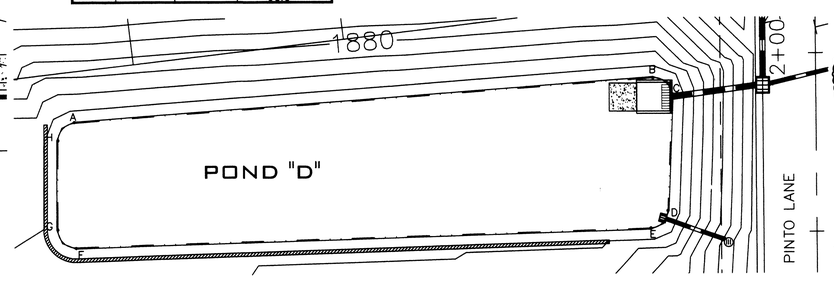


POND BOTTOM LOCATION TABLE DAKOTA STATION & OFFSET			
POINT	STATION	OFFSET	DISTANCE
A	10+19.00	55.0' RT.	23.1'
B	10+13.41	31.9' RT.	R=8.7'
C	10+19.87	27.3' RT.	80.6'
D	10+99.26	41.0' RT.	R=5.6'
E	11+01.60	46.9' RT.	49.1'
F	11+04.87	95.8' RT.	1.3'
G	10+30.54	97.1' RT.	42.1'
A	10+19.00	55.0 RT.	

POND "C"
POND BOTTOM AREA PROVIDED = 5073 SF
POND BOTTOM EL. = 1779.12
MINIMUM BERM EL. = 1780.12

STA 15+02.86
26.31' LT.
RIM=1802.75

POND "C" DETAIL (3)



SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT
ORIGINAL
"AS-BUILTS"
CERTIFIED RECORD DRAWINGS
PROJECT #: P-1786A
DATE ACCEPTED: 12/10/13

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.

ANDY J. ELIASON
STATE OF WASHINGTON
42767
REGISTERED
PROFESSIONAL ENGINEER
5/26/13
EXPIRES 05/28/15

POND "D" DETAIL (5)

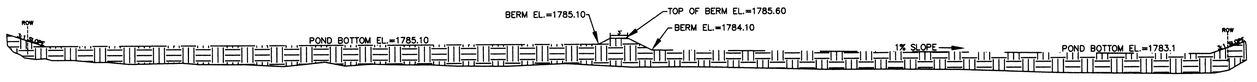
CONSTRUCTION NOTES

1. PROVIDE AND INSTALL PRECAST CONCRETE SPLASH PAD PER DETAIL 3 SHEET 39.
2. PROVIDE AND INSTALL TYPE "B" DRYWELL PER SPOKANE COUNTY STANDARD PLAN B–1a TO STATION, OFFSET, AND RIM ELEVATION SHOWN.
3. PROVIDE AND INSTALL CONCRETE HEADWALL WITH TRASH RACK PER SPOKANE COUNTY STANDARDS. SEE DETAIL 1 SHEET 39.
4. PROVIDE AND INSTALL 12" HDPE STORM DRAIN PIPE TO GRADE AND I.E.'S AS SHOWN.
5. PROVIDE AND INSTALL 18" HDPE STORM DRAIN PIPE TO GRADE AND I.E.'S AS SHOWN.
6. PROVIDE AND INSTALL 24" HDPE STORM DRAIN PIPE TO GRADE AND I.E.'S AS SHOWN.
7. PROVIDE AND INSTALL ROCK RETAINING WALL PER SPOKANE COUNTY STANDARDS WITH ELEVATIONS SHOWN. SEE DETAIL 2 SHEET 39.
8. PROVIDE AND INSTALL TYPE 1 CATCH BASIN, TYPE 1 FRAME AND GRATE PER SPOKANE COUNTY STANDARD PLAN B–4, B–10, AND B–12 TO STATION, OFFSET, AND ELEVATION SHOWN.
9. PROVIDE AND INSTALL 15" HDPE STORM DRAIN PIPE TO GRADE AND I.E.'S AS SHOWN.
10. PROVIDE AND INSTALL 42" HIGH FENCE ON ALL WALLS TALLER THAN 30" PER SPOKANE COUNTY STANDARDS.
11. PROVIDE AND INSTALL 1' WIDE EARTH BERM. COMPACTION AND CONSTRUCTION PER SPOKANE COUNTY STANDARDS. TOP OF BERM ELEVATION PER NOTE.

N
W E
S

GRAPHIC SCALE
20 0 10 20 40
(IN FEET)
1 inch = 20 ft.

SPOKANE COUNTY PUBLIC WORKS
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #:
DATE ACCEPTED:
ACCEPTANCE EXPIRES:
PROJECTS LANE MILES: PUBLIC:
PROJECT LANE MILES PRIVATE:
CONSTRUCTION DOCUMENTATION AND CERTIFIED RECORD DRAWINGS, "AS–BUILTS" ARE REQUIRED PRIOR TO COUNTY ACCEPTANCE AND ESTABLISHMENT OF THE ROADS AND DRAINAGE FACILITIES FOR MAINTENANCE
PERMIT REQUIRED! (509) 477–3600
NOTIFY PERMIT ENGINEER 2 BUSINESS DAYS PRIOR TO CONSTRUCTION



POND "A" CROSS SECTION DETAIL (A)

1"=12'

P-1786

NAVD-88 DATUM
VERTICAL DATUM:
WSDOT BRASS DISK GP-32395-200, SET IN A CONCRETE WALK AT THE NORTHWEST QUADRANT OF THE INTERSECTION OF P.S.H. NO. 2 AND FARWELL ROAD.
ELEV. = 1840.05 (NAVD-88)

DEVELOPER'S APPROVAL DATE

NO.	DATE	BY	REVISIONS
	9/26/13	AJE	RECORD DRAWING BY ALLWEST TESTING & ENGINEERING, LLC
1	7/9/08	MRW	PROFILE AND ELEVATION CHANGE
	10/9/07	SRR	MYLAR SUBMITTAL TO SPOKANE COUNTY
	-------	MAT	SUBMITTAL TO SPOKANE COUNTY
	10/06	MEK	ORIGINAL PLAN PREPERATION

SCALE:
HORIZONTAL: 1"=20'
VERTICAL: N/A

PROJ #: 2004-65
DATE: 7/9/08
DRAWN: MRW
APPROVED: TRW

WCE
WHIPPLE CONSULTING ENGINEERS
CIVIL AND TRANSPORTATION ENGINEERING
2528 NORTH SULLIVAN ROAD
SPOKANE VALLEY, WASHINGTON 99216
PH: 509-893-2617 FAX: 509-926-0227

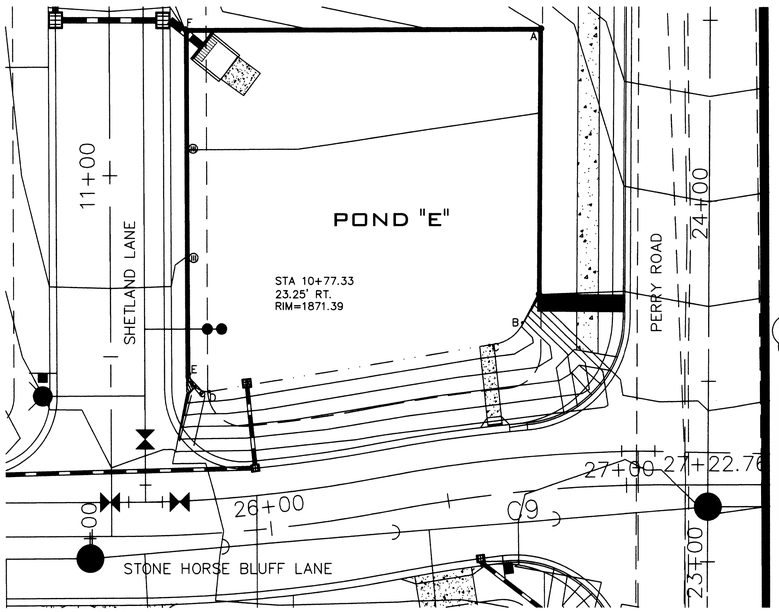
STREET AND DRAINAGE ASBUILT PLAN
STONE HORSE BLUFF PHASE II
POND DETAILS
SPOKANE COUNTY, WASHINGTON

SHEET 8 OF 9
JOB NUMBER 2004-65

SE 1/4 SECTION 5, T. 26 N., R. 43 E., W.M.
SW 1/4 SECTION 4, T. 26 N., R. 43 E., W.M.

RECORD DRAWING

UNDERGROUND SERVICE ALERT
ONE-CALL NUMBER
1-800
424-5555
CALL TWO BUSINESS DAYS BEFORE YOU DIG



POND "E" DETAIL

1

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT
ORIGINAL
"AS-BUILTS"
CERTIFIED RECORD DRAWINGS
PROJECT #: P1786 A
DATE ACCEPTED: 12/10/13

POND "E"
ASBUILT POND BOTTOM AREA PROVIDED = 9030 SF

POND BOTTOM LOCATION TABLE STONE HORSE BLUFF STATION & OFFSET			
POINT	STATION	OFFSET	DISTANCE
A	24+46.58	48.0' LT.	4.0'
B	23+65.71	52.0' LT.	6.7'
C	23+60.08	58.7' LT.	80.6'
D	23+46.09	139.3' LT.	R=5.0'
E	23+51.00	144.8' LT.	1.1'
F	25+45.46	145.9' LT.	F–A 97.9'

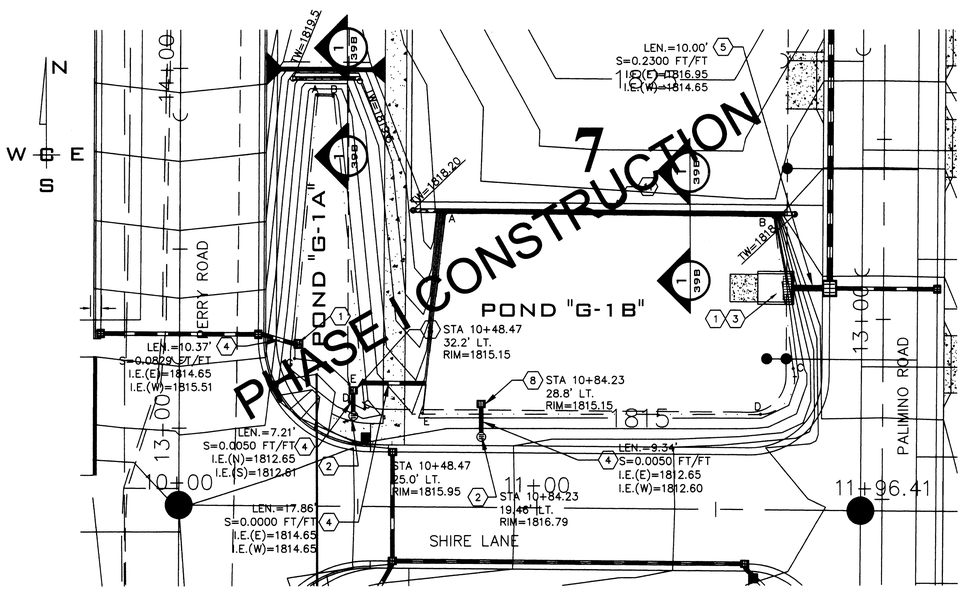
POND "E"
~~POND BOTTOM AREA PROVIDED = 8956 SF~~
POND BOTTOM EL. = 1870.74(N) 1871.24(S)
MINIMUM BERM EL. = 1871.89(N) 1872.24(S)

CONSTRUCTION NOTES

1. PROVIDE AND INSTALL PRECAST CONCRETE SPLASH PAD PER DETAIL 3 SHEET 39.
2. PROVIDE AND INSTALL TYPE "B" DRYWELL PER SPOKANE COUNTY STANDARD PLAN B–1a TO STATION, OFFSET, AND RIM ELEVATION SHOWN.
3. PROVIDE AND INSTALL CONCRETE HEADWALL WITH TRASH RACK PER SPOKANE COUNTY STANDARDS. SEE DETAIL 1 SHEET 39.
4. PROVIDE AND INSTALL 12" HDPE STORM DRAIN PIPE TO GRADE AND I.E.'S AS SHOWN.
5. PROVIDE AND INSTALL 18" HDPE STORM DRAIN PIPE TO GRADE AND I.E.'S AS SHOWN.
6. PROVIDE AND INSTALL 24" HDPE STORM DRAIN PIPE TO GRADE AND I.E.'S AS SHOWN.
7. PROVIDE AND INSTALL ROCK RETAINING WALL PER SPOKANE COUNTY STANDARDS WITH ELEVATIONS SHOWN. SEE DETAIL 2 SHEET 39.
8. PROVIDE AND INSTALL TYPE 1 CATCH BASIN, TYPE 1 FRAME AND GRATE PER SPOKANE COUNTY STANDARD PLAN B–4, B–10, AND B–12 TO STATION, OFFSET, AND ELEVATION SHOWN.
9. PROVIDE AND INSTALL TYPE "A" DRYWELL PER SPOKANE COUNTY STANDARD PLAN B–1a TO STATION, OFFSET, AND RIM ELEVATION SHOWN.
10. PROVIDE AND INSTALL 15" HDPE STORM DRAIN PIPE TO GRADE AND I.E.'S AS SHOWN.
11. PROVIDE AND INSTALL 42" HIGH FENCE ON ALL WALLS TALLER THAN 30" PER SPOKANE COUNTY STANDARDS.

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.

ANDY J. ELIASON
STATE OF WASHINGTON
42767
REGISTERED PROFESSIONAL ENGINEER
9/24/13
EXPIRES 05/28/15



POND "G-1A" & "G1-B" DETAIL

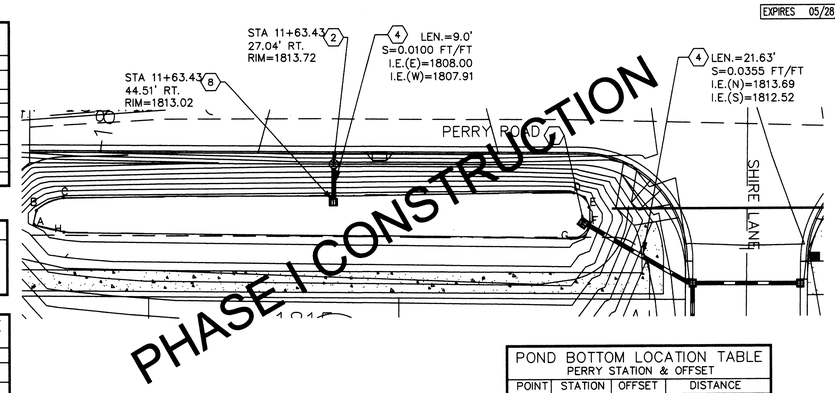
3

POND BOTTOM LOCATION TABLE PERRY STATION & OFFSET (G1–A)			
POINT	STATION	OFFSET	DISTANCE
A	13+92.50	38.25 R	4.51'
B	13+92.50	42.80 R	87.4'
C	13+05.55	51.69 R	4.6'
D	13+07.49	47.60 R	5.1'
E	13+12.57	47.45 R	8.9'
F	13+18.45	40.89 R	8.7'
G	13+19.53	32.24 R	73.1'
A	13+92.50	32.28 R	

POND "G–1A"
POND BOTTOM AREA PROVIDED = 926 SF
POND BOTTOM EL. = 1814.65
MINIMUM BERM EL. = 1815.65

POND BOTTOM LOCATION TABLE SHIRE STATION & OFFSET (G–1B)			
POINT	STATION	OFFSET	DISTANCE
A	10+73.78	81.8' LT.	91.8'
B	11+65.76	81.6' LT.	42.8'
C	11+71.41	39.3' LT.	R=10.0'
D	11+62.39	26.8' LT.	94.5'
E	10+68.91	25.7' LT.	E–A 56.4'
A	10+65.91	76.9' LT.	

POND "G–1B"
POND BOTTOM AREA PROVIDED = 5451 SF
POND BOTTOM EL. = 1814.65
MINIMUM BERM EL. = 1815.65



POND "G-2" DETAIL

4

POND BOTTOM LOCATION TABLE PERRY STATION & OFFSET			
POINT	STATION	OFFSET	DISTANCE
A	10+79.31	44.1' RT.	3.1'
B	10+80.11	40.1' RT.	R=15.0'
C	10+88.27	36.7' RT.	150.2'
D	12+30.17	34.7' RT.	R=5.0'
E	12+34.83	39.4' RT.	2.5'
F	12+34.80	42.72' RT.	R=5.0'
G	12+30.37	47.3' RT.	141.1'
H	10+89.21	46.2' RT.	H–A R=15.0'

POND "G–2"
POND BOTTOM AREA PROVIDED = 1703 SF
POND BOTTOM EL. = 1812.52
MINIMUM BERM EL. = 1813.52

SPOKANE COUNTY PUBLIC WORKS
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #: _____
DATE ACCEPTED: _____
ACCEPTANCE EXPIRES: _____
PROJECTS LANE MILES: PUBLIC: _____
PROJECT LANE MILES PRIVATE: _____
CONSTRUCTION DOCUMENTATION AND CERTIFIED RECORD DRAWINGS, "AS–BUILTS" ARE REQUIRED PRIOR TO COUNTY ACCEPTANCE AND ESTABLISHMENT OF THE ROADS AND DRAINAGE FACILITIES FOR MAINTENANCE
PERMIT REQUIRED! (509) 477–3600
NOTIFY PERMIT ENGINEER 2 BUSINESS DAYS PRIOR TO CONSTRUCTION

GRAPHIC SCALE
20 0 10 20 40
(IN FEET)
1 inch = 20 ft.

NAVD-88 DATUM
VERTICAL DATUM:
WSDOT BRASS DISK GP-32395-200, SET IN A CONCRETE WALK AT THE NORTHWEST QUADRANT OF THE INTERSECTION OF P.S.H. NO. 2 AND FARWELL ROAD.
ELEV. = 1840.05 (NAVD-88)

DEVELOPER'S APPROVAL DATE

NO.	DATE	BY	REVISIONS
	9/26/13	AJE	RECORD DRAWING BY ALLWEST TESTING & ENGINEERING, LLC
	10/9/07	SRR	MYLAR SUBMITTAL TO SPOKANE COUNTY
	-------	MAT	SUBMITTAL TO SPOKANE COUNTY
	10/06	MEK	ORIGINAL PLAN PREPERATION

SCALE:
HORIZONTAL: 1"=20'
VERTICAL: N/A

PROJ #: 2004-65
DATE: 10/09/07
DRAWN: MEK
APPROVED: TRW

P-1786

WCE
WHIPPLE CONSULTING ENGINEERS
CIVIL AND TRANSPORTATION ENGINEERING
2528 NORTH SULLIVAN ROAD
SPOKANE VALLEY, WASHINGTON 99216
PH: 509-893-2617 FAX: 509-926-0227

STREET AND DRAINAGE ASBUILT PLAN
STONE HORSE BLUFF PHASE II
POND DETAILS
SPOKANE COUNTY, WASHINGTON

SHEET 9 OF 9
JOB NUMBER 2004-65