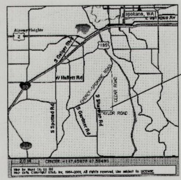
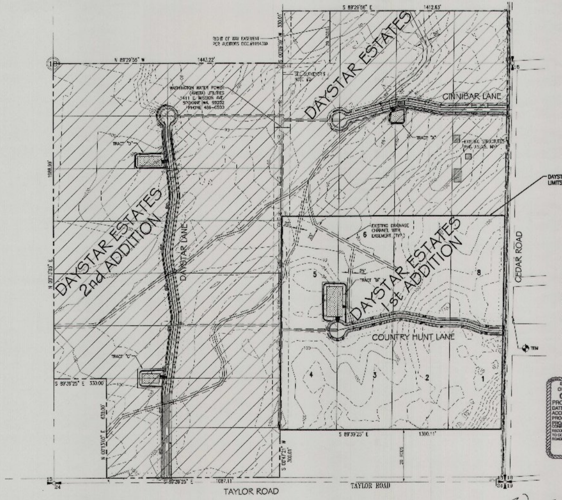
DAYSTAR ESTATES - 1st ADDITION
OVERALL ROAD/DRAINAGE

A PORTION OF THE EAST 1/2 OF SECTION 13, T24N, R42E, W.M.
COUNTY OF SPOKANE, STATE OF WASHINGTON



VICINITY MAP



SHEET INDEX

C1	COVER SHEET
C2	CINNIBAR LANE
C3	EVAPORATION PONDS & DETAILS
C4	EROSION CONTROL PLAN
C5	CEDAR ROAD WIDENING (10+00 TO 25+50)
C6	CEDAR ROAD WIDENING (25+50 TO 39+71.58)
C7	INTERSECTION SIGHT DISTANCE ANALYSIS

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #: P1813A
DATE ACCEPTED: 06-16-03
ACCEPTANCE EXPIRES: 06-16-05
PROJECT LANE MILES PUBLIC: -0-
PROJECT LANE MILES PRIVATE: 0.20
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
(IN FEET)
1 inch = 200 ft.

PROJECT TBM:
SET 60D NAIL IN FIRST POWER POLE NORTH OF PROPOSED INTERSECTION OF COUNTRY HUNT LANE & CEDAR ROAD. EL = 105.10

GENERAL NOTES:

(1) All work and materials shall be in conformance with the "SPOKANE COUNTY STANDARDS FOR ROAD AND SEWER CONSTRUCTION" 1999, and as amended.

(2) Locations of existing utilities shown in 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.

(4) If the Contractor discovers any discrepancies between the plans and existing conditions encountered, the Contractor shall immediately notify the Design Engineer's and the Spokane County Engineer's Office.

(5) Prior to site construction, the Contractor is responsible for locating underground utilities. Call the underground utility location service at 456-8000 before you dig.

"The design improvements shown in this set of plans and calculations conform to the applicable editions of Spokane County standards for road and sewer construction and the Spokane County guidelines for Storm Water management. The Spokane County Engineer has approved all design deviations. I approve these plans for construction."

ENGINEER'S APPROVAL — 06/03/03 — DATE

DEVELOPER — 6-3-03 — DATE

UNDERGROUND SERVICE ALERT
ONE-CALL NUMBER
456-8000
CALL TWO BUSINESS DAYS BEFORE YOU DIG

NO.	DATE	BY	APP.	REVISION

NOTE:
THE LOCATIONS OF ALL EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE TRACTOR SHALL DETERMINE THE EXACT LOCATIONS OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. HE AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES THAT MIGHT BE OCCASIONED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.

WADE M. GELHAUSEN — STATE OF WASHINGTON — PROFESSIONAL ENGINEER — EXPIRES 11/21/03

HAHN ENGINEERING, INC.
605 E. HOLLAND AVE., SUITE 112
SPOKANE, WA. 99218
(509) 467-1550 FAX (509) 467-8189
www.hahnengr.com

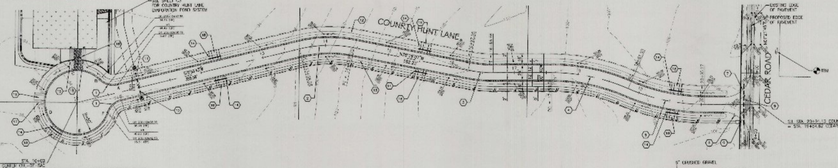
SCALE	DRAWN: SWF	DATE 6/02/03	DAYSTAR ESTATES-1st ADDITION PRIVATE ROAD PLANS	COVER
HORIZ. 1" = 200'	DESIGNED: WMG	6/02/03		SHEET NO.
VERT. N/A	APPROVED: WMG		OVERALL COVER SHEET	C 1

CAD FILE: 00-137PH2-TITLE

P-1873A Eng Road + Drainage

CONSTRUCTION NOTES:

1. SEE CURVE TABLE ON THIS SHEET FOR EDGE OF PAVEMENT CURVE INFORMATION.
2. SEE CURVE TABLE ON THIS SHEET FOR CENTERLINE CURVE INFORMATION.
3. SEE CURVE TABLE ON THIS SHEET FOR CENTERLINE CURVE INFORMATION.
4. SEE CURVE TABLE ON THIS SHEET FOR CENTERLINE CURVE INFORMATION.
5. SEE CURVE TABLE ON THIS SHEET FOR CENTERLINE CURVE INFORMATION.
6. SEE CURVE TABLE ON THIS SHEET FOR EDGE OF PAVEMENT CURVE INFORMATION.
7. SEE CURVE TABLE ON THIS SHEET FOR EDGE OF PAVEMENT CURVE INFORMATION.
8. INSTALL STOP AND STREET SIGNS PER SPOKANE COUNTY STANDARDS.
9. 65 ± OF 12" ¢ CMP CULVERT, STA 20+62 I.E.(S)= 106.38, I.E.(N)= 105.90 S= 0.007
10. INSTALL 50'± OF 12"¢ HDPE CULVERT UNDER ROADWAY. STA 11+00, I.E.(S)= 92.35, I.E.(N)= 91.85, S= 0.010. INSTALL 12" DEEP ROCK RIP-RAP PAD (3" TO 5" DIA.) AT ENTRANCE AND EXIT OF CULVERT, SEE DETAIL THIS SHEET
11. 5' WIDE BERM, ELEV.= 94.00
12. CONVEYANCE DITCH FOR COLLECTION OF ROAD RUNOFF, SLOPE TO EVAPORATION POND @ S=0.005 MINIMUM
13. CONVEYANCE DITCH FOR COLLECTION OF PRE-DEVELOPED ON-SITE RUNOFF, SLOPE TO CULVERT @ S=0.005 MINIMUM
14. DRIVEWAY CULVERT, 20'± OF 12"¢ HDPE, MATCH I.E.'S TO BOTTOM OF DITCH, TO BE INSTALLED BY HOMEOWNER
15. 2' WIDE BERM/SPILLWAY, ELEV.= 93.60
16. 12' WIDE MAINTENANCE ACCESS ROAD TO POND
17. 5' WIDE BERM, ELEV.= 95.10
18. DRIVEWAY LOCATION. LOCATION IS NOT PERMANENT AND IS SHOWN AS REPRESENTATION OF A TYPICAL SCENARIO. DRIVEWAY SHALL BE CONSTRUCTED BY HOMEOWNER.

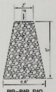


CURVE INFORMATION

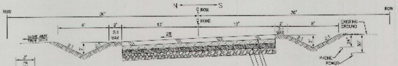
	RADIUS	TANGENT	LENGTH	DELTA
1	20' EP	15.93	29.29	83°58'39"
2	200' CL	42.21	86.63	24°50'05"
3	200' CL	19.64	39.16	11°13'06"
4	200' CL	52.35	123.34	23°33'22"
5	200' CL	52.55	123.34	23°33'22"
6	40' EP	40.63	63.46	90°53'59"
7	40' EP	29.37	62.20	89°05'41"

ENGINEER'S NOTES:

1. ALL SIGNS MUST BE LOCATED AS SPECIFIED IN THE M.U.T.C.D. AND SHALL BE INSTALLED PER SPOKANE COUNTY STANDARDS. ALL STOP SIGNS SHALL BE M.U.T.C.D. NO. R1-1 30" x 30". ALL STREET NAME SIGNS SHALL BE SPOKANE COUNTY STANDARD PLAN NO. A-16.



RIP-RAP PAD (NTS)

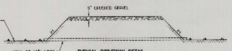


TYPICAL SECTION COUNTRY HUNT LANE (NTS)

(STA 10+00 TO END OF ROAD)

NOTE:

REMOVE TOPSOIL FROM ROADWAY. COMPACT SUBGRADE PER WSDOT STANDARD SPECIFICATION SECTION 2-06.



TYPICAL DRIVEWAY DETAIL (NTS)

NOTE: DRIVEWAY LOCATIONS ON PLAN ARE NOT PERMANENT AND ARE SHOWN ONLY FOR REPRESENTATION OF TYPICAL SCENARIOS.

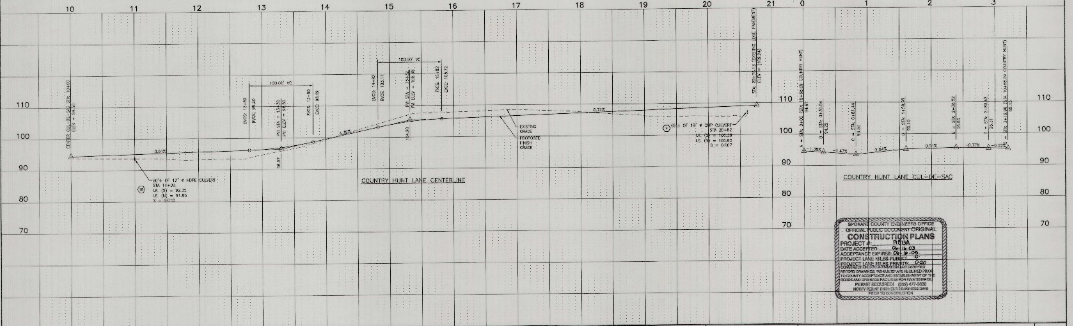
GRAPHIC SCALE

(IN FEET)
1 inch = 50 ft.

PROJECT TBM:
SET 60D NAIL IN FIRST POWER POLE NORTH OF PROPOSED INTERSECTION OF COUNTRY HUNT LANE AND CEDAR ROAD EL = 108.15

UNDERGROUND SERVICE ALERT
ONE-CALL NUMBER
456-8000
CALL TWO BUSINESS DAYS BEFORE YOU DIG

[signature] 6-3-03
DEVELOPER DATE



SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #: P1873A
DATE ACCEPTED: 06-16-03
ACCEPTANCE EXPIRES: 06-16-05
PROJECT LANE MILES PUBLIC: -0-
PROJECT LANE MILES PRIVATE: 0.20
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 3 BUSINESS DAYS PRIOR TO CONSTRUCTION

NO.	DATE	BY	APP	REVISION

NOTE:
THE LOCATIONS OF ALL EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATIONS OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. HE AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES THAT MIGHT BE OCCASIONED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.

WADE M. GELHAUSEN, STATE OF WASHINGTON, PROFESSIONAL ENGINEER — EXPIRES 11/21/03

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SPOKANE, WA. 99218
(509) 467-1550 FAX (509) 467-8189
www.hahnengr.com

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

DRAWN: SWF DATE 6/02/03
DESIGNED: WMG 6/02/03
APPROVED: WMG

DAYSTAR ESTATES–1st ADDITION
PRIVATE ROAD PLANS

COUNTRY HUNT LANE

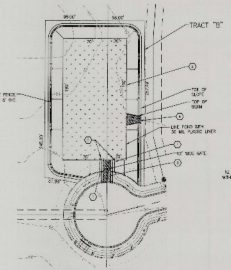
ROAD
SHEET NO. C 2

CAD FILE: 00-137PH2

P-1873A Eng Road & Drainage

CONSTRUCTION NOTES:

1. 2' WIDE SCTW/SPILLWAY. ELEV. = 10.00
2. EVAPORATION POND AVERAGE AREA = 19,000 S.F. DEPTH ELEV. = 88.49 TOTAL DEPTH = 3.00 FT.
3. 12' WIDE MAINTENANCE ACCESS ROAD
4. EMERGENCY OVERFLOW (SEE DETAIL THIS SHEET)
5. 3'x3' ROCK RIPRAP PAD (1' BELOW EW)



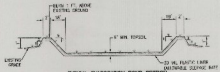
COUNTRY HUNT POND DETAIL

NOTE: POND SHALL BE LINED WITH 20 MIL PLASTIC PER GEOTECHNICAL SPECS.

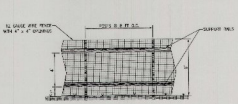
HORIZONTAL DISTANCE, NOT A VERTICAL SCALE

GRAPHIC SCALE

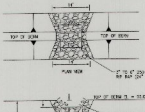
1 in. = 20 ft.
1 mark = 5ft.



TYPICAL EVAPORATION POND SECTION



TYPICAL FENCE DETAIL



EMERGENCY OVERFLOW DETAIL

TYPICAL MAINTENANCE ACCESS ROAD CROSS SECTION

ACCESS ROAD SECTION

UPLAND GRASS SEED SPECIFICATIONS

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

1) BLUE FESCUE, PAT.	20%
2) SHEEP FAIRE FESCUE	70%
3) COMMON BARLEY/OATS	4.5%
4) RUSSIAN WILD RYE/GRASS	15%

PROVIDE MIXTURE COMPRISED OF GRASS SEED & FERTILIZER IN PERCENTAGE AS FOLLOWS:

GRASS SEED 80 LBS./ACRE
FERTILIZER: 16-16-16 WITH MINIMUM COMPOSITION: 50% UREA NITRO

SPOKANE COUNTY ENGINEERING DIVISION
OFFICIAL PUBLIC DOCUMENT CONTROL
CONSTRUCTION PLANS
PROJECT #: 02-0-74
DATE ACCEPTED: 06-06-03
ACCEPTANCE EXPIRES: 06-06-04
PROJECT LAND USE PERMIT: 03-0-0
PROJECT LAND USE PERMIT EXPIRES: 06-06-05
THE ACCEPTANCE OF THESE PLANS DOES NOT IMPLY THAT THE COUNTY ENGINEER HAS REVIEWED OR ACCEPTED THE DESIGN OR ASSUMES ANY LIABILITY FOR THE DESIGN. THE ENGINEER OF RECORD IS RESPONSIBLE FOR ANY AND ALL DESIGN ERRORS, OMISSIONS, AND VIOLATIONS OF LAW.
PRIVATE INFRASTRUCTURE IS DEDICATED UPON ACCEPTANCE BY THE COUNTY ENGINEER OF THE FINAL PLAT OR BINDING SITE PLAN.
PRIVATE INFRASTRUCTURE: SEE ATTACHED ACCEPTED PERFORMANCE & MAINTENANCE BOND

DEVELOPER — DATE 6-2-03

PROJECT TERM:
THE SYSTEM IS TO BE FINALLY ACCEPTED BY THE COUNTY WHEN THE DEVELOPER SUBMITS AN AS-BUILT PLAN AND THE COUNTY ENGINEER ACCEPTS IT.

UNDERGROUND SERVICE ALERT
CALL BEFORE YOU DIG
456-8000
CALL TWO WORKING DAYS BEFORE YOU DIG

NO.	DATE	BY	APP.	REVISION

NOTE:
THE LOCATIONS OF ALL EXISTING UNDERGROUND UTILITIES ARE SHOWN AS AN APPROXIMATE REF ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATIONS OF ALL EXISTING UTILITIES BEFORE BEGINNING ANY CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR ANY AND ALL DAMAGES TO ANY PROPERTY OR INFRASTRUCTURE DESIGNATED OR NOT SHOWN ON CONSTRUCTION PLANS.

HAHN ENGINEERING, INC.
605 E. HOLLAND AVE., SUITE 112
SPOKANE, WA. 99218
(509) 467-1550 FAX (509) 467-8189
www.hahneng.com

SCALE	DRAWN:	DATE
HORZ: 1" = N/A	DESIGNED:	5/29/03
VERT: N/A	APPROVED:	5/29/03

DAYSTAR ESTATES-1st ADDITION
PRIVATE ROAD PLANS

EVAPORATION POND & DETAILS

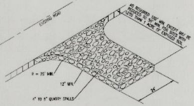
EVAP
SHEET NO.
C
3

P-14731 Eng. Pond Drawing

DAYSTAR ESTATES-1st ADDITION

TEMPORARY EROSION CONTROL PLAN

A PORTION OF THE EAST 1/2 OF SECTION 13, T24N, R42E, W.M.
COUNTY OF SPOKANE, STATE OF WASHINGTON

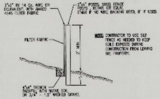


CONSTRUCTION ENTRANCE
(NTS)

CONSTRUCTION ENTRANCE NOTES

1) THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH 2-INCH STONE, AS CONDITIONS DEMAND, AND REPAIR AND/OR CLEANOUT OF ANY STRUCTURE FROM VEHICLES ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED IMMEDIATELY.

2) ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY BMPS ARE NO LONGER NEEDED. TRAPPED SEDIMENT SHALL BE REMOVED OR STABILIZED ON SITE. DISTURBED SOIL AREAS RESULTING FROM REMOVAL SHALL BE PERMANENTLY STABILIZED.



NOTE: CONTRACTOR TO USE SILT FENCE AS NEEDED TO KEEP SOILS EXPOSED DURING CONSTRUCTION FROM LEAVING THE PROPERTY.

SILT FENCE DETAIL
(NTS)

Standard Erosion Control Notes

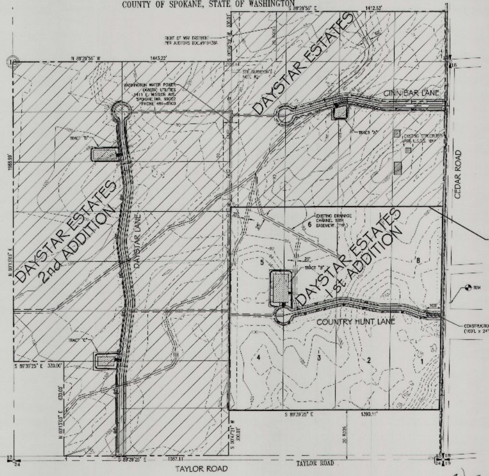
ER1) An Erosion/Sedimentation Control (ESC) plan is required for this project. Implementation of the ESC plan, and construction, maintenance, and upgrading of the ESC facilities are the responsibility of the Developer until all construction is completed and accepted by Spokane County, or until vegetation is established throughout the site, and accepted by Spokane County, whichever is later.

ER2) 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.

ER3) The erosion/sedimentation control measures shown are the minimum requirements for the anticipated 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 gullies.

ER4) The Contractor/Developer is responsible for installing Rock Construction Entries at any and all locations used to enter or exit the project site.

ER5) Geotextile fabric is to be placed on the rims of drywells, catch basins & inlets until such time that the vegetation on the site is established and the threat of sediment deposition into the drainage system is mitigated. Contractor is to monitor the rims and clear them of sediment as needed.



PROJECT INFORMATION:

PROPERTY OWNER: DAYSTAR ESTATES, LLC
5527 N. HAYFORD ROAD
SPOKANE, WA 99224
(509)879-9524

CONTACT PERSON: MIKE SCHMITZ
5527 N. HAYFORD ROAD
SPOKANE, WA 99224
(509)879-9524

PROJECT ENGINEER: WADE GELHAUSEN
HAHN ENGINEERING, INC.
605 E. HOLLAND AVE.
SPOKANE, WA 99218
(509)467-1550

PROJECT ADDRESS: SEE LEGAL DESCRIPTION

LEGAL DESCRIPTION: A PORTION OF THE EAST HALF OF SECTION 13, T.24N., R.42E., W.M., COUNTY OF SPOKANE, STATE OF WASHINGTON.

PROJECT DESCRIPTION: THE PROJECT INVOLVES THE PLATTING OF 8 LOTS THAT ARE ACCESSED BY A 24 FT WIDE PRIVATE ROAD (COUNTRY HUNT LANE).

ESC MEASURES: A CONSTRUCTION ENTRANCE WILL BE CONSTRUCTED AS SHOWN ON PLAN. SEDIMENT FROM PROJECT PROPERTY WILL NOT LEAVE PROJECT SITE. CONTRACTOR SHALL USE SILT FENCING AS NEEDED TO KEEP SEDIMENT ON PROJECT PROPERTY.

EXISTING VEGETATION ON-SITE: EXISTING PROPERTY IS PASTURE/RANGE.

EXISTING BODIES OF WATER: NONE

ON-SITE SOILS (PER SCS SURVEY MAP):

BpB-BONG & PHOEBE FINE SANDY LOAMS
McB-MARBLE SANDY LOAM
HhA-HARDESTY SILT LOAM
HsB-HESSELTINE SILT LOAM

DAYSTAR ESTATES-1st ADDITION LIMITS OF CONSTRUCTION

CONSTRUCTION ENTRANCE (100'L x 24'W)

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #: P1873A
DATE ACCEPTED: 06-16-03
ACCEPTANCE EXPIRES: 06-16-05
PROJECT LANE MILES PUBLIC: 0
PROJECT LANE MILES PRIVATE: 0.20
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
(IN FEET)
1 inch = 200 ft.

PROJECT TBM: SET 60D NAIL IN FIRST POWER POLE NORTH OF PROPOSED INTERSECTION OF COUNTRY HUNT LANE AND CEDAR ROAD. EL = 100.16

"The design improvements shown in this set of plans and calculations conform to the applicable editions of Spokane County standards for road and sewer construction and the Spokane County guidelines for Storm Water management. The Spokane County Engineer has approved all design deviations. I approve these plans for construction."

[signature] 06/03/03
ENGINEER'S APPROVAL — DATE

[signature] 6-3-03
DEVELOPER — DATE

UNDERGROUND SERVICE ALERT
ONE-CALL NUMBER
456-8000
CALL TWO BUSINESS DAYS BEFORE YOU DIG

NO.	DATE	BY	APP.	REVISION

NOTE: THE LOCATIONS OF ALL EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE TRACTOR SHALL DETERMINE THE EXACT LOCATIONS OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. HE AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES THAT MIGHT BE OCCASIONED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.

WADE M. GELHAUSEN — STATE OF WASHINGTON — REGISTERED PROFESSIONAL ENGINEER — EXPIRES 11/24/03

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605 E. HOLLAND AVE., SUITE 112
SPOKANE, WA. 99218
(509) 467-1550 FAX (509) 467-8189
www.hahnengr.com

SCALE		DRAWN:	DATE
HORIZ. 1" = 200'		SWF	6/02/03
		DESIGNED:	
VERT. N/A		WMG	6/02/03
		APPROVED:	
		WMG	

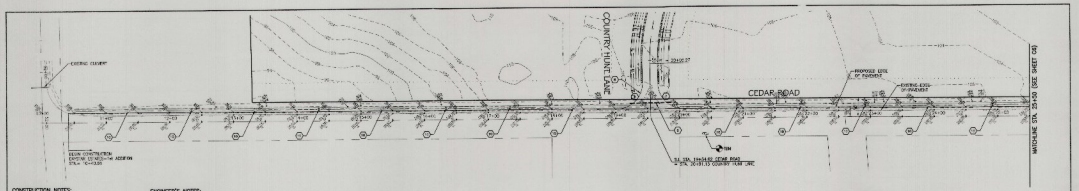
DAYSTAR ESTATES-1st ADDITION
PRIVATE ROAD PLANS

TEMPORARY EROSION CONTROL PLAN

EROSION
SHEET NO.
C 4

CAD FILE: 00-137P12-TITLE

P-1873A   Eng Road & Drainage



CONSTRUCTION NOTES:

1. SEE CURVE TABLE ON THIS SHEET FOR EDGE OF PAVEMENT CURVE INFORMATION.
2. SEE CURVE TABLE ON THIS SHEET FOR CONFORMANCE CURVE INFORMATION.
3. PROVIDE STOP AND STREET SIGNS PER SPOKANE COUNTY STANDARDS.
4. BOLT 3" OF 4" ASP CULVERT
   CF. 1/C = 108.34, I.E. 2W = 106.34
   S = 0.006
5. 1" WIDE CHECK DAM, ELEV.= 1.0' ABOVE DITCH BOTTOM.

ENGINEER'S NOTES:

1. ALL SIGNS MUST BE LOCATED AS SPECIFIED IN THE MUTCD, AND SHALL BE INSTALLED PER THE MANUFACTURER'S SPECIFICATIONS. SIGNS SHALL BE MUTCD, RD. R1-1, 30" x 30". ALL STREET NAME SIGNS SHALL BE SPOKANE COUNTY STANDARD PLAN NO. A-15.

CURVE INFORMATION				
	TABLE	TANGENT	LENGTH	DELTA
1	40' DP	44.63	82.96	89°33'56"
2	40' UP	36.37	62.32	89°29'41"

TYPICAL SECTION CEDAR ROAD

NOTE:
REFER TO PLAN VIEW DRAWING CONTACT SUBGRADE PER WSDOT STANDARD SPECIFICATION SECTION 2-09.

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NO.	DATE	BY	APP.	REVISION

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SCALE		DRAWN: SAF	DATE 5/22/03
HORIZ:	1" = 50'	DESIGNED: BAC	5/22/03
VERT:	1" = 10'	APPROVED: BAC	

DAYSTAR ESTATES-1st ADDITION
PUBLIC ROAD PLANS

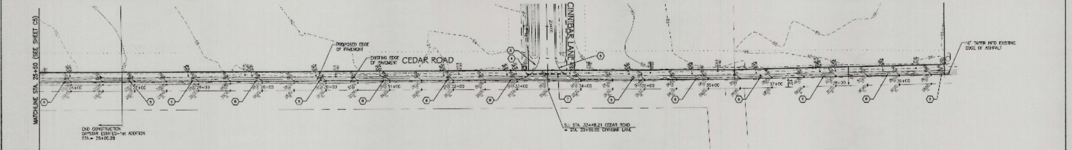
CEDAR ROAD (10+00 TO 25+50)

ROAD SHEET NO. C / 5

CADD FILE: 1-01-17.DWG

P-18730

Orig. Used 2 Drawings



CONSTRUCTION NOTES:

(4) SEE CURVE TABLE ON THIS SHEET FOR EDGE OF PAVEMENT CURVE INFORMATION.

(5) SEE CURVE TABLE ON THIS SHEET FOR CENTERLINE CURVE INFORMATION.

(6) INSTALL STOP AND STREET SIGNS PER SPOKANE COUNTY STANDARDS.

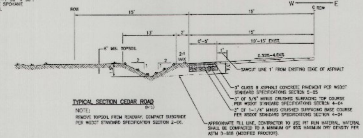
(7) 60'± OF 15" ø CVP CULVERT, STA. 33+16.26 TO STA. 33+77.82.
I.E. (S) = 91.36, I.E. (N) = 90.76
S = 0.010

(8) 1' WIDE CHECK DAM, 1.5' ABOVE DITCH BOTTOM.

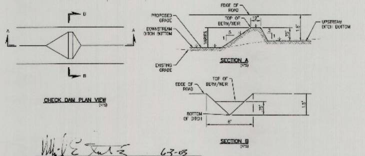
ENGINEER'S NOTES:

1. ALL SIGNS MUST BE LOCATED AS SPECIFIED IN THE M.U.T.C.D. AND SHALL BE INSTALLED PER SPOKANE COUNTY STANDARDS. ALL STOP SIGNS SHALL BE M.U.T.C.D. NO. R1-1 30" x 30". ALL STREET NAME SIGNS SHALL BE SPOKANE COUNTY STANDARD PLAN NO. A-16.

CURVE INFORMATION				
	RADIUS	TANGENT	LENGTH	DELTA
(4)	40' EP	40.53	63.45	90°53'59"
(5)	40' EP	39.37	62.20	89°05'41"



TYPICAL SECTION CEDAR ROAD
NOTE:
REMOVE TOPSOIL FROM ROADWAY, COMPACT SUBGRADE PER WSDOT STANDARD SPECIFICATION SECTION 2-06.



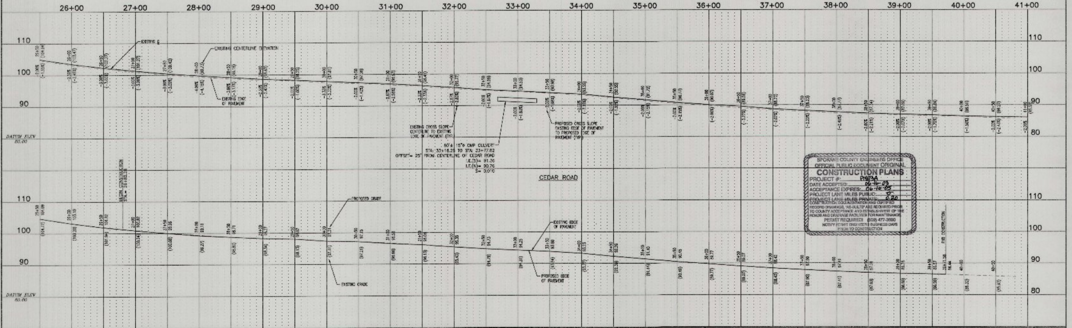
GRAPHIC SCALE
(IN FEET)
1 inch = 50 ft.

PROJECT TBM:
SET 60D NAIL IN FIRST POWER POLE NORTH OF PROPOSED INTERSECTION OF COUNTRY HUNT LANE AND CEDAR ROAD.
EL = 100.16

UNDERGROUND SERVICE ALERT
ONE-CALL NUMBER
456-8000
CALL TWO BUSINESS DAYS BEFORE YOU DIG

DEVELOPER 6-3-03
DATE

A PORTION OF THE EAST 1/2 OF SECTION 13, T24N, R42E, W.M.



SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #: P1873A
DATE ACCEPTED: 06-16-03
ACCEPTANCE EXPIRES: 06-16-05
PROJECT LANE MILES PUBLIC: 0
PROJECT LANE MILES PRIVATE: 0.80
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 OFFICE 2 BUSINESS DAYS PRIOR TO CONSTRUCTION

NO.	DATE	BY	APP.	REVISION

NOTE:
THE LOCATIONS OF ALL EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE TRACTOR SHALL DETERMINE THE EXACT LOCATIONS OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. HE AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES THAT MIGHT BE OCCASIONED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.

WADE M. GXINAM — STATE OF WASHINGTON — PROFESSIONAL ENGINEER
EXPIRES 11/21/03

HAHN ENGINEERING, INC.
605 E. HOLLAND AVE., SUITE 112
SPOKANE, WA. 99218
(509) 467-1550 FAX (509) 467-8189
www.hahnengr.com

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

		DATE
DRAWN:	SWF	5/02/03
DESIGNED:	WMG	5/02/03
APPROVED:	WMG	

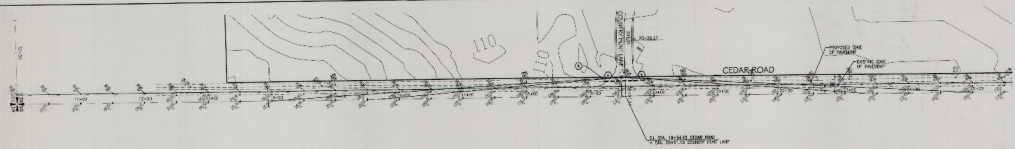
DAYSTAR ESTATES-1st ADDITION
PUBLIC ROAD PLANS

CEDAR ROAD (25+50 TO 39+71.58)

ROAD
SHEET NO.
C
6

CAD FILE: 00-137P2

P-1873A Eng Road & Drainage



CONSTRUCTION NOTES:

1. SET CURVE TABLE ON THIS SHEET FOR EDGE OF PAVEMENT CURVE INFORMATION.
2. SEE CURVE TABLE ON THIS SHEET FOR CENTERLINE CURVE INFORMATION.
3. INSTALL STOP AND STREET SIGNS PER SPOKANE COUNTY STANDARDS.

ENGINEER'S NOTES:

1. ALL SIGNS MUST BE LOCATED AS SPECIFIED IN THE M.U.T.C.D. AND SHALL BE INSTALLED IN ACCORDANCE WITH SPOKANE COUNTY STANDARDS. ALL SIGNS MUST BE MIN. 10' + 3.33' x 20'. ALL STREET NAME SIGNS SHALL BE SPOKANE COUNTY STANDARDS PLAN NO. A-18.

CURVE INFORMATION				
	RADIUS	RADENT	LENGTH	DELTA
(C)	40' 1P	40.43	63.45	90°14'0"
(D)	40' 1P	28.28	42.00	86°58'56"

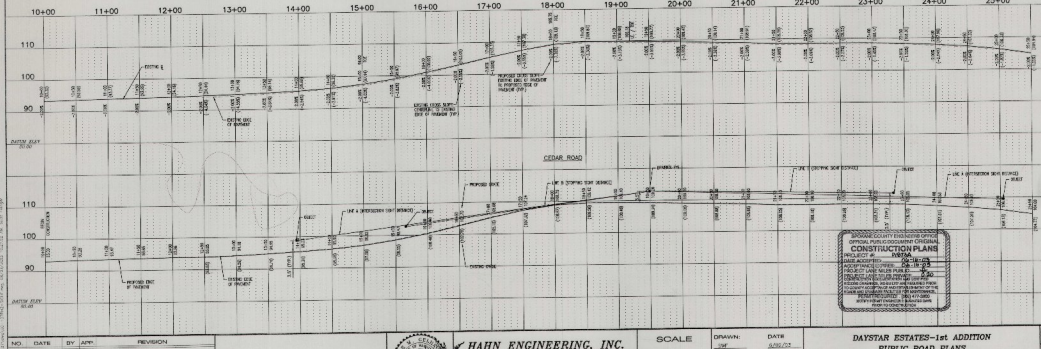
GRAPHIC SCALE

1" = FOOT 1
1 INCH = 20 ft.

PROJECT TEM:
EST CUL HUL IN THIS PORTION FULL WIDTH OF CEDAR ROAD IN EAST SETT 2 CONTRACT 1 WETT

DEVELOPER — DATE 6-5-03

UNDERGROUND SERVICE ALERT
CALL BEFORE YOU DIG
456-8000
TWO BUSINESS DAYS
NOT FOR THE PUBLIC



NO.	DATE	BY	APP.	REVISION

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SCALE		DRAWN:	DATE
HORZ:	1" = 50'	DWF	5/16/03
VERT:	1" = 10'	DESIGNED:	
		SJG	5/23/03
		APPROVED:	
		RHG	

DAYSTAR ESTATES–1st ADDITION
PUBLIC ROAD PLANS

COUNTRY HUNT LN – SIGHT DISTANCE ANALYSIS

SDA
SHEET NO. C/7

P-18730 Eng Dwg & Drainage