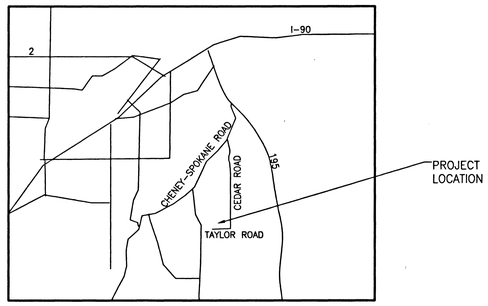
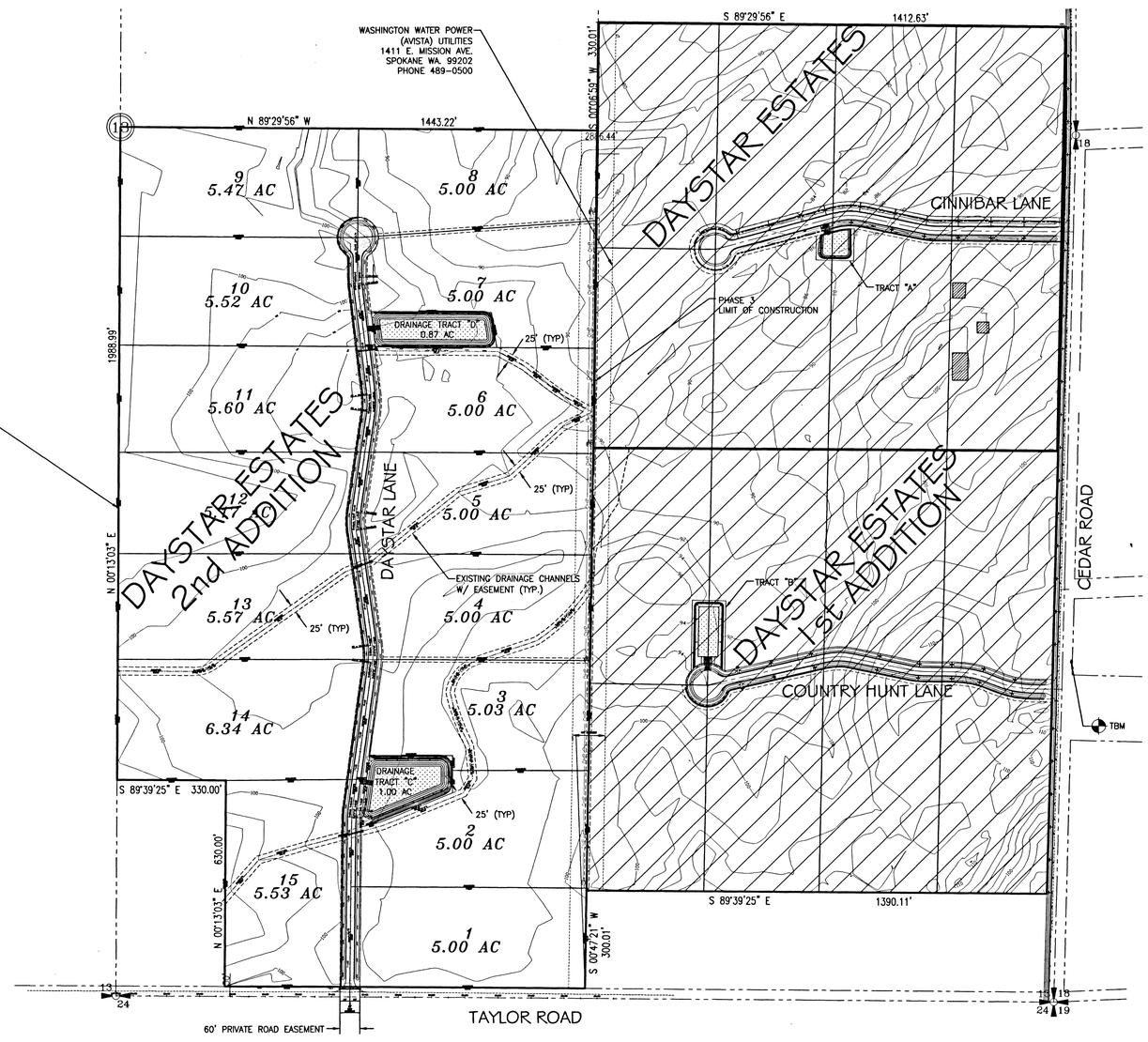
# DAYSTAR ESTATES – 2ND ADDITION
# OVERALL ROAD/DRAINAGE

**A PORTION OF THE EAST HALF OF SECTION 13, T24N., R42E., W.M.**
**COUNTY OF SPOKANE, STATE OF WASHINGTON**




VICINITY MAP
(NTS)




DAYSTAR ESTATES–2ND ADDITION
LIMITS OF CONSTRUCTION

## SHEET INDEX


C1 COVER SHEET
C2 DAYSTAR LANE STA.10+00 TO STA.24+00
C3 DAYSTAR LANE STA.24+00 TO STA.33+29.74
C4 EVAPORATION PONDS & DETAILS
C5 EROSION CONTROL PLAN


## 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."

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
**CONSTRUCTION PLANS**
PROJECT #: P18735
DATE ACCEPTED: 11-2-2004
ACCEPTANCE EXPIRES: 11-2-2006
PROJECT LANE MILES PUBLIC: 0
PROJECT LANE MILES PRIVATE: 0.89
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
0 100 200 400
( 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 = 108.16

ENGINEER'S APPROVAL — DATE 10/27/04

DEVELOPER — DATE 10/26/04

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.

RANDELL HAHN — STATE OF WASHINGTON — REGISTERED PROFESSIONAL ENGINEER — 17247
EXPIRES 12-15-02


**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" = 200'
VERT. N/A

DRAWN: PM/MEK — DATE 10/4/2004
DESIGNED: RGH — DATE 10/4/2004
APPROVED: RGH

**DAYSTAR ESTATES – 2ND ADDITION**
**PRIVATE ROAD PLANS**

**COVER SHEET**

COVER
SHEET NO. C 1

CAD FILE: 00-137 PH 3 final

P-18738 Eng/Road Drainage

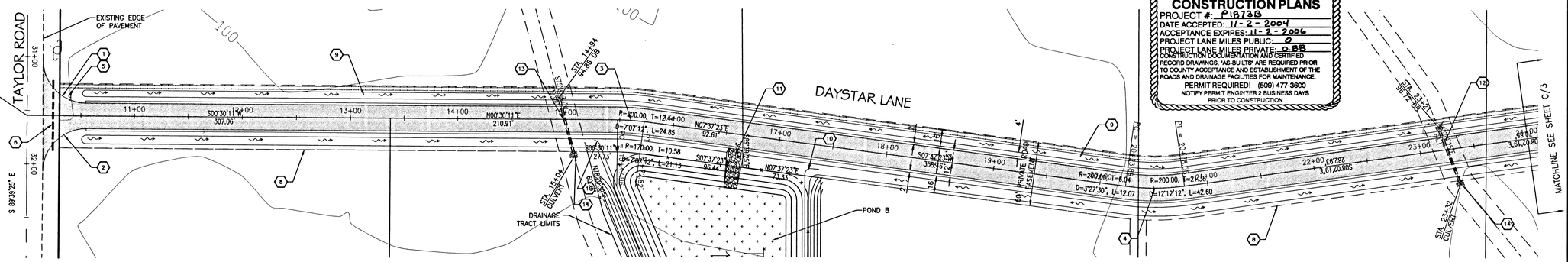
## ENGINEER'S NOTES:

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.

S.I. STA. 10+00.00 DAYSTAR LANE = STA. 31+54.79 TAYLOR ROAD

## CONSTRUCTION NOTES:

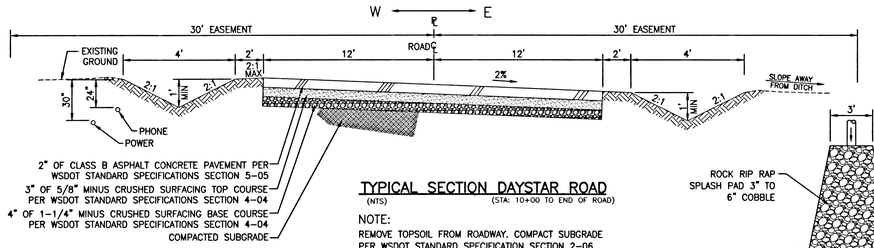
1. SEE CURVE TABLE ON THIS SHEET FOR EDGE OF PAVEMENT CURVE INFORMATION.
2. SEE CURVE TABLE ON THIS SHEET FOR CENTERLINE CURVE INFORMATION.
3. SEE CURVE TABLE ON THIS SHEET FOR CENTERLINE CURVE INFORMATION.
4. SEE CURVE TABLE ON THIS SHEET FOR EDGE OF PAVEMENT CURVE INFORMATION.
5. INSTALL STOP AND STREET SIGNS PER SPOKANE COUNTY STANDARDS.
6. (2) 65'± OF 12" ø CMP CULVERTS I.E.(W)= 96.60, I.E.(E)= 96.00 S= 0.009
7. INTENTIONALLY LEFT BLANK
8. EAST SIDE CONVEYANCE DITCH LINED WITH DRYLAND GRASS (SEE SPEC. ON SHEET C4)
9. WEST SIDE CONVEYANCE DITCH LINED WITH DRYLAND GRASS (SEE SPEC. ON SHEET C4)
10. SHEET GRADE INTO DRAINAGE POND.
11. 12' WIDE MAINTENANCE ACCESS ROAD TO POND. (SEE DETAIL SHEET C/4)
12. 60'± OF 12"ø CMP CULVERT, STA. 23+32, I.E.(E)= 96.12, STA. 23+21, I.E.(W)= 96.72, S= 0.010. (SEE TYPICAL CULVERT CROSSING SECTION DAYSTAR ROAD SHEET C/4)
13. 60± OF 12"ø CMP CULVERT STA. 15+04, I.E.(E)=94.26 STA. 14+96, I.E.(W)=94.86 S=0.010 (SEE TYPICAL CULVERT CROSSING SECTION DAYSTAR ROAD SHEET C/4)
14. INSTALL 3" TO 6" COBBLE RIP RAP SPLASH PAD (SEE DETAIL THIS SHEET).




| CURVE INFORMATION | | | | |
|---|---|---|---|---|
| | RADIUS | TANGENT | LENGTH | DELTA |
| 1 | 40' EP | 39.89 | 62.72 | 89°50'23" |
| 2 | 40' EP | 39.98 | 62.81 | 89°58'07" |
| 3 | 200' CL | 12.44 | 24.85 | 7°07'08" |
| 4 | 200' CL | 27.51 | 54.67 | 15°39'42" |

### LEGEND

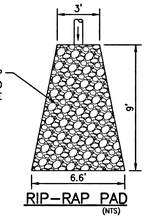
- PROPOSED PAVED ROADWAY
- PROPOSED SWALE BOTTOM AREA
- DITCH FLOW ARROW




### TYPICAL SECTION DAYSTAR ROAD

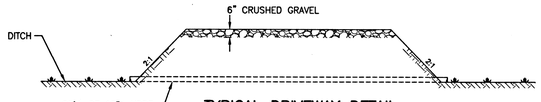
(NTS) (STA. 10+00 TO END OF ROAD)

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




### RIP-RAP PAD

(NTS)




### TYPICAL DRIVEWAY DETAIL

(NTS)

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

GRAPHIC SCALE

0 25 50 100

( IN FEET )
1 inch = 50 ft.

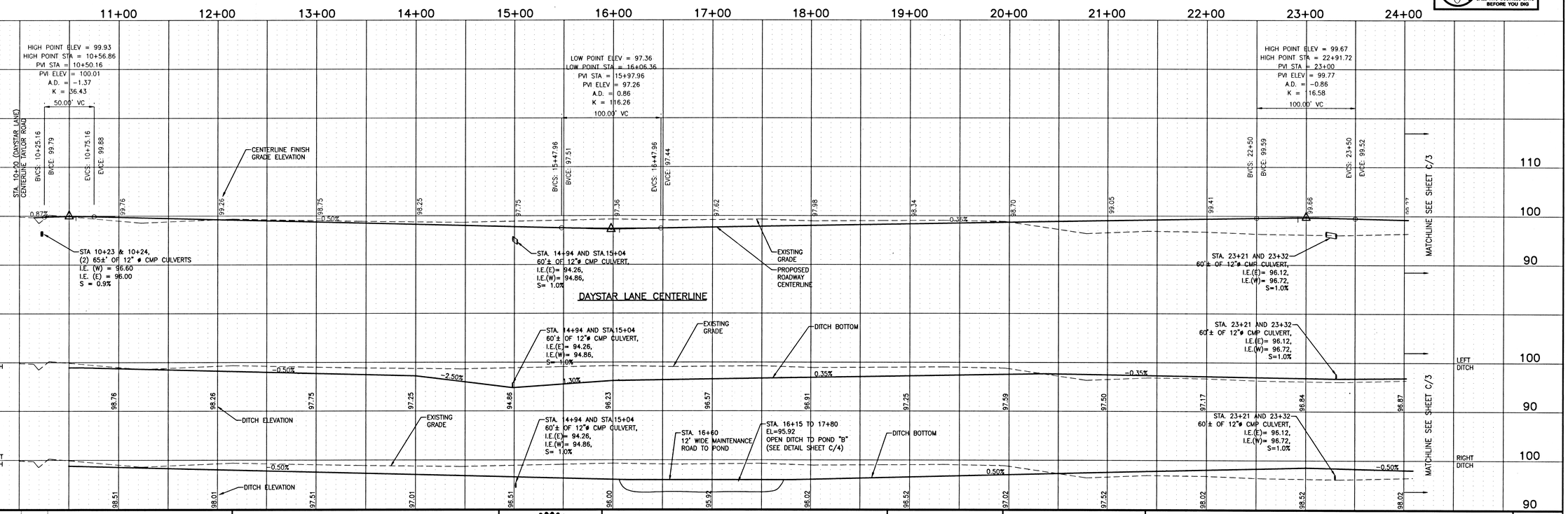
**PROJECT TBM:**
SET 60D NAIL IN FIRST POWER POLE NORTH OF PROPOSED INTERSECTION OF COUNTRY HUNT LANE AND CEDAR ROAD. EL = 108.16

DEVELOPER

10/25/04
DATE

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

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
**CONSTRUCTION PLANS**
PROJECT #: P18738
DATE ACCEPTED: 11-2-2004
ACCEPTANCE EXPIRES: 11-2-2006
PROJECT LANE MILES PUBLIC: 0
PROJECT LANE MILES PRIVATE: 0.88
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




| NO. | DATE | BY | APP. | REVISION |
|---|---|---|---|---|
| | | | | |

**NOTE:**
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RANDELL K. HAHN STATE OF WASHINGTON 15747 REGISTERED PROFESSIONAL ENGINEER
EXPIRES 12-15-02


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**(509) 467-1550 FAX (509) 467-8189**
www.hahnengr.com


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

DRAWN: PM/MEK 10/4/2004
DESIGNED: RGH 10/4/2004
APPROVED: RGH

**DAYSTAR ESTATES - 2ND ADDITION**
**PRIVATE ROAD PLANS**

**DAYSTAR LANE STA (10+00 TO 24+00)**

ROAD
SHEET NO. C/2

CAD FILE: 00-137 PH 3 final

P-18738 Eng Road - Drainage

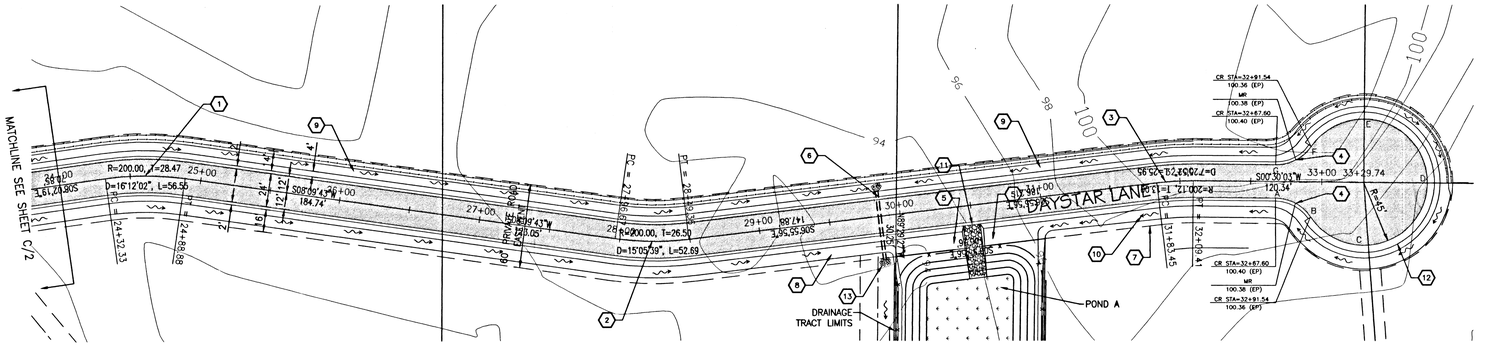
## ENGINEER'S NOTES:

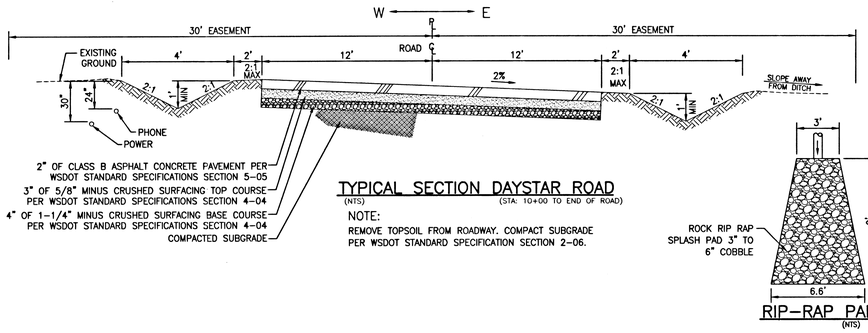
1. ALL SIGNS MUST BE LOCATED AS SPECIFIED IN THE M.U.T.C.D. AND SHALL BE INSTALLED PER SPOKANE COUNTY STANDARDS. ALL STOP SIGNS SHALL BE M.U.T.C.D. NO. R1-1 30" x 30". ALL STREET NAME SIGNS SHALL BE SPOKANE COUNTY STANDARD PLAN NO. A-16.

## 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 EDGE OF PAVEMENT CURVE INFORMATION.
5. SHEET DRAIN INTO DRAINAGE POND.
6. 50'± OF 12"ø CMP CULVERT, I.E.(W)= 93.45, I.E.(E)= 92.95 S= 0.01 (SEE TYPICAL CULVERT CROSSING SECTION DAYSTAR ROAD SHEET C/4)
7. 1' WIDE BERM, ELEVATION SHALL BE 1.5' ABOVE HIGHEST ADJACENT DITCH ELEVATION. (SEE DETAIL SHEET C-6)
8. EAST SIDE CONVEYANCE DITCH LINED WITH DRYLAND GRASS (SEE SPEC. SHEET C4) (SEE TYPICAL DAYSTAR ROAD SECTION THIS SHEET)
9. WEST SIDE CONVEYANCE DITCH LINED WITH DRYLAND GRASS (SEE SPEC SHEET C4) (SEE TYPICAL DAYSTAR ROAD SECTION THIS SHEET)
10. CONVEYANCE DITCH, 175±, S= 0.026
11. 12' WIDE MAINTENANCE ACCESS ROAD TO POND. (SEE DETAIL SHEET C/4)
12. 5' GRAVEL SHOULDER AROUND CUL-DE-SAC.
13. INSTALL 3" TO 6" COBBLE RIP RAP SPLASH PAD (SEE DETAIL THIS SHEET).

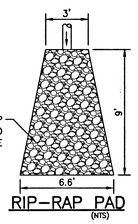
| CURVE INFORMATION | | | | |
|---|---|---|---|---|
| | RADIUS | TANGENT | LENGTH | DELTA |
| 1 | 200' CL | 28.46 | 56.55 | 16°12'01" |
| 2 | 200' CL | 26.50 | 52.69 | 15°05'40" |
| 3 | 200' CL | 12.99 | 25.95 | 7°26'02" |
| 4 | 30' EP | 15.93 | 29.29 | 55°56'23" |



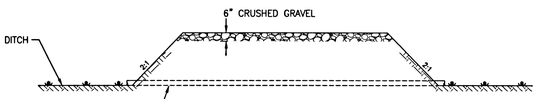




### TYPICAL SECTION DAYSTAR ROAD
(NTS) (STA: 10+00 TO END OF ROAD)

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




### RIP-RAP PAD
(NTS)




### TYPICAL DRIVEWAY DETAIL
(NTS)

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

## LEGEND

- PROPOSED PAVED ROADWAY
- PROPOSED SWALE BOTTOM AREA
- DITCH FLOW ARROW

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
**CONSTRUCTION PLANS**
PROJECT #: P1873B
DATE ACCEPTED: 11-2-2004
ACCEPTANCE EXPIRES: 11-2-2006
PROJECT LANE MILES PUBLIC: 0
PROJECT LANE MILES PRIVATE: 0.98
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

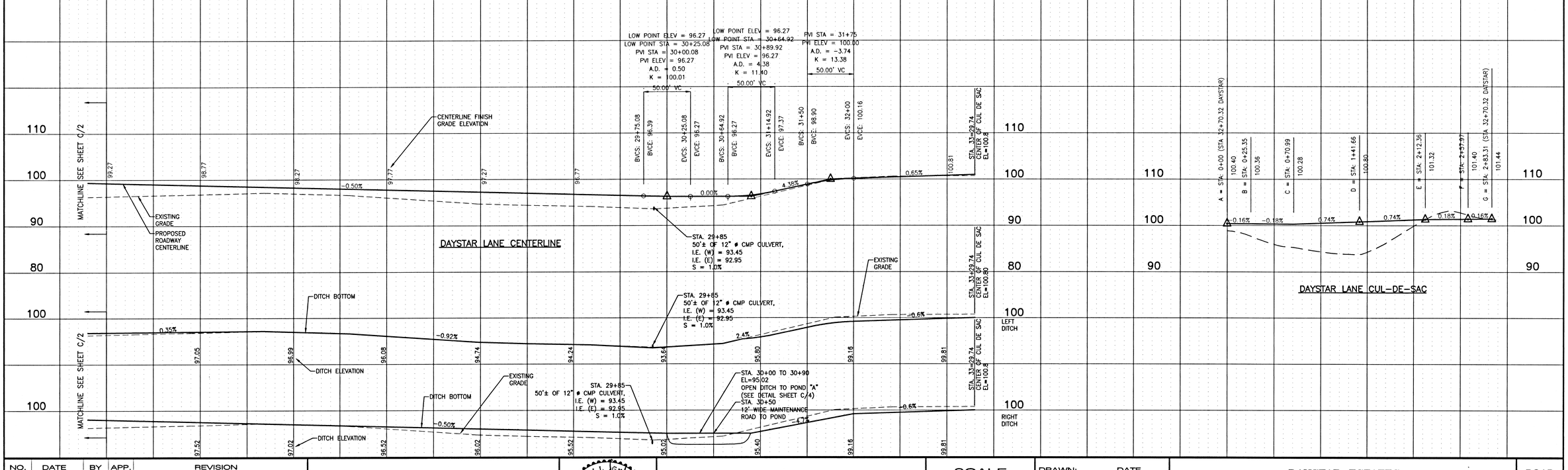
GRAPHIC SCALE
0 25 50 100
( IN FEET )
1 inch = 50 ft.

**PROJECT TBM:**
SET 60D NAIL IN FIRST POWER POLE NORTH OF PROPOSED INTERSECTION OF COUNTRY HUNT LANE AND CEDAR ROAD. EL = 108.16

DEVELOPER

10/25/04
DATE

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




| NO. | DATE | BY | APP. | REVISION |
|---|---|---|---|---|
| | | | | |

NOTE:
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RANDELL C. HAHN — STATE OF WASHINGTON — 16247 — REGISTERED PROFESSIONAL ENGINEER
EXPIRES 12-15-02


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SPOKANE, WA. 99218
(509) 467-1550 FAX (509) 467-8189
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SCALE
HORIZ. 1" = 50'
VERT. 1" = 10'

DRAWN: PM/MEK DATE 10/4/2004
DESIGNED: RGH 10/4/2004
APPROVED: RGH

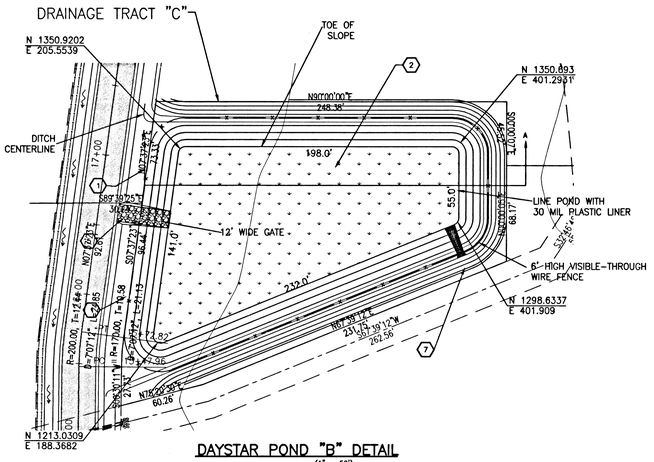
**DAYSTAR ESTATES**
**PRIVATE ROAD PLANS**

**DAYSTAR LANE (STA 24+00 TO 33+29.74)**

ROAD
SHEET NO. C/3

CAD FILE: 00-137 PH 3 final

P-1873B Eng Road Drawings



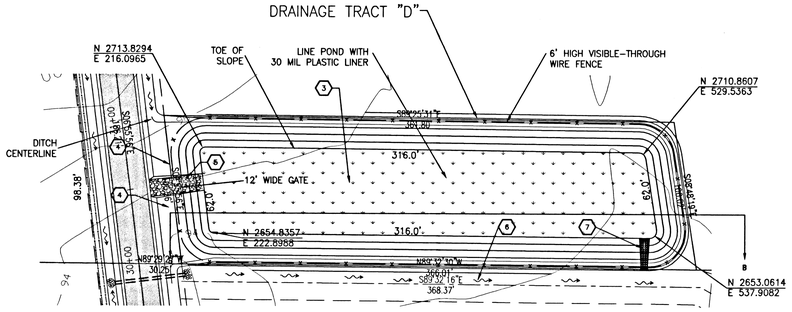

## CONSTRUCTION NOTES:

1. SHEET GRADE RUNOFF INTO DRAINAGE POND
2. EVAPORATION POND "B"
   BOTTOM AREA = 15,000 S.F.
   BOTT. ELEV. = 93.42
   TOTAL DEPTH = 3.5 FT.
3. EVAPORATION POND "A"
   BOTTOM AREA = 19,400 S.F.
   BOTT. ELEV. = 92.52
   TOTAL DEPTH = 3.5 FT.
4. SHEET GRADE RUNOFF INTO DRAINAGE POND
5. 12' WIDE MAINTENANCE ACCESS ROAD (SEE DETAIL THIS SHEET)
6. CONVEYANCE DITCH (SEE DETAIL THIS SHEET)
7. EMERGENCY OVERFLOW (SEE DETAIL THIS SHEET)

GRAPHIC SCALE

0 25 50 100

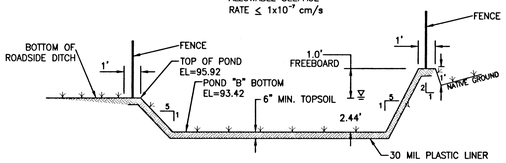
( IN FEET )
1 inch = 50 ft.




## DAYSTAR POND "B" DETAIL
(1" = 50')

**NOTE:** POND SHALL BE LINED WITH 30 MIL PLASTIC LINER (SEE SPEC. THIS SHEET).

ALLOWABLE SEEPAGE RATE ≤ $1x10^{-7}$ cm/s

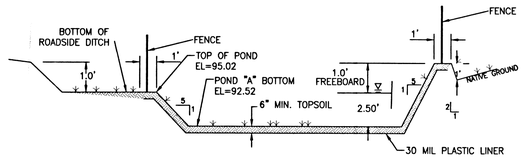



## POND "B" TYPICAL SECTION A–A
(NTS)

## DAYSTAR POND "A" DETAIL
(1" = 50')

**NOTE:** POND SHALL BE LINED WITH 30 MIL PLASTIC LINER (SEE SPEC. THIS SHEET).

ALLOWABLE SEEPAGE RATE < $1x10^{-7}$ cm/s




## POND "A" TYPICAL SECTION B–B
(NTS)

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
**CONSTRUCTION PLANS**
PROJECT #: P1873B
DATE ACCEPTED: 11-2-2004
ACCEPTANCE EXPIRES: 11-2-2006
PROJECT LANE MILES PUBLIC: 0
PROJECT LANE MILES PRIVATE: 0.88
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

## DRYLAND GRASS SEED SPECIFICATIONS

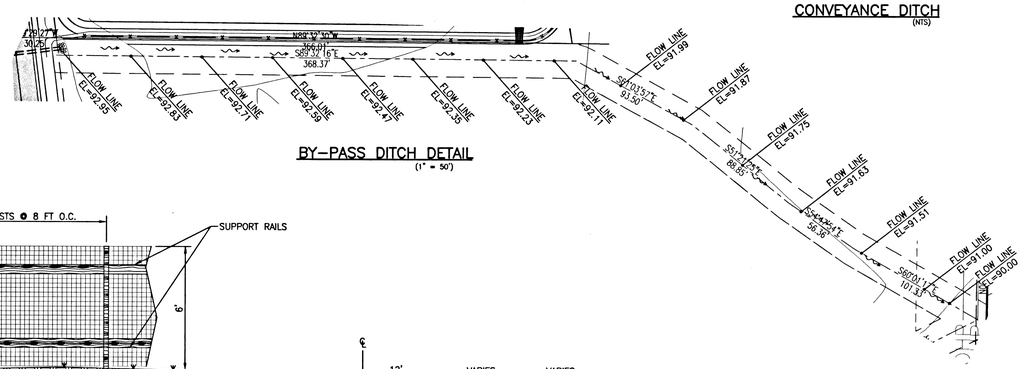
PROVIDE SEED MIXTURE COMPOSED OF GRASS SPECIES AND PERCENTAGES AS FOLLOWS:

| | |
|---|---|
| 1) ELKA PERRENIAL RYE | 20% |
| 2) DURAR HARD FESCUE | 20% |
| 3) COVAR SHEEP/FESCUE | 45% |
| 4) REUBENS CANADIAN BLUEGRASS | 15% |

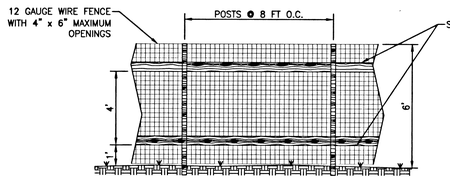
PROVIDE MIXTURE COMPOSED OF GRASS SEED & FERTILIZER IN PERCENTAGE AS FOLLOWS:

GRASS SEED: 90 LBS./ACRE
FERTILIZER: 16-16-16 TIMED RELEASE COMPOSITION, 300 LBS./ACRE

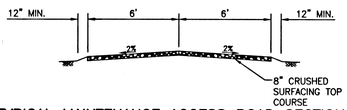
## CONVEYANCE DITCH
(NTS)



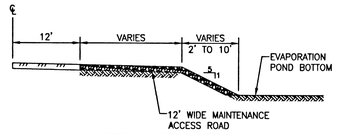

## BY-PASS DITCH DETAIL
(1" = 50')



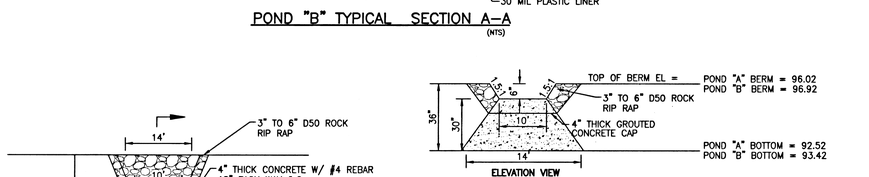

## TYPICAL FENCE DETAIL
(NTS)




## TYPICAL MAINTENANCE ACCESS ROAD SECTION
(NTS)

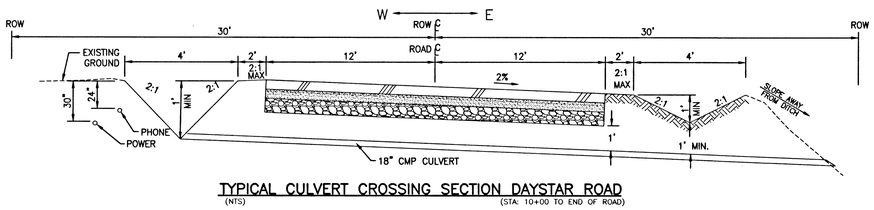



## TYPICAL MAINTENANCE ACCESS ROAD PROFILE
(NTS)




## EMERGENCY OVERFLOW DETAIL
(NTS)

$Q=CLH^{\frac{3}{2}}$ C=3.6
$Q=(3.6)(10)(.5)^{\frac{3}{2}}$ =12.73 CFS




## TYPICAL CULVERT CROSSING SECTION DAYSTAR ROAD
(NTS) (STA: 10+00 TO END OF ROAD)

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

**PROJECT TBM:**
SET 60D NAIL IN FIRST POWER POLE NORTH OF PROPOSED INTERSECTION OF COUNTRY HUNT LANE AND CEDAR ROAD. EL = 108.16

DEVELOPER

DATE

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

| NO. | DATE | BY | APP. | REVISION |
|---|---|---|---|---|
| | | | | |

**NOTE:**
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RANDELL G. HAHN — STATE OF WASHINGTON — 12247 — REGISTERED PROFESSIONAL ENGINEER
EXPIRES 12-15-04

***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" = N/A
VERT. N/A

DRAWN: SMI/MEK — DATE 10/4/2004
DESIGNED: RGH — 10/4/2004
APPROVED: RGH

***DAYSTAR ESTATES – 2ND ADDITION***
***PRIVATE ROAD PLANS***

**EVAPORATION PONDS & DETAILS**

EVAP
SHEET NO. C/4

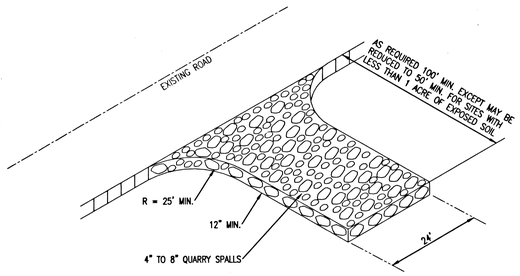
CAD FILE: 00-137 PH 3 final

P-1873B Eng Road Drawings

# DAYSTAR ESTATES-2ND 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

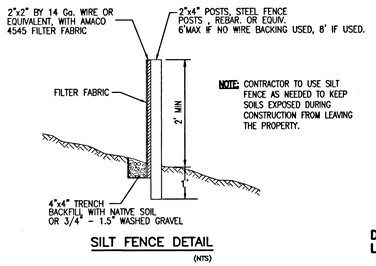



**CONSTRUCTION ENTRANCE**
(NTS)

**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.




**SILT FENCE DETAIL**
(NTS)

**STANDARD EROSION CONTROL NOTES:**

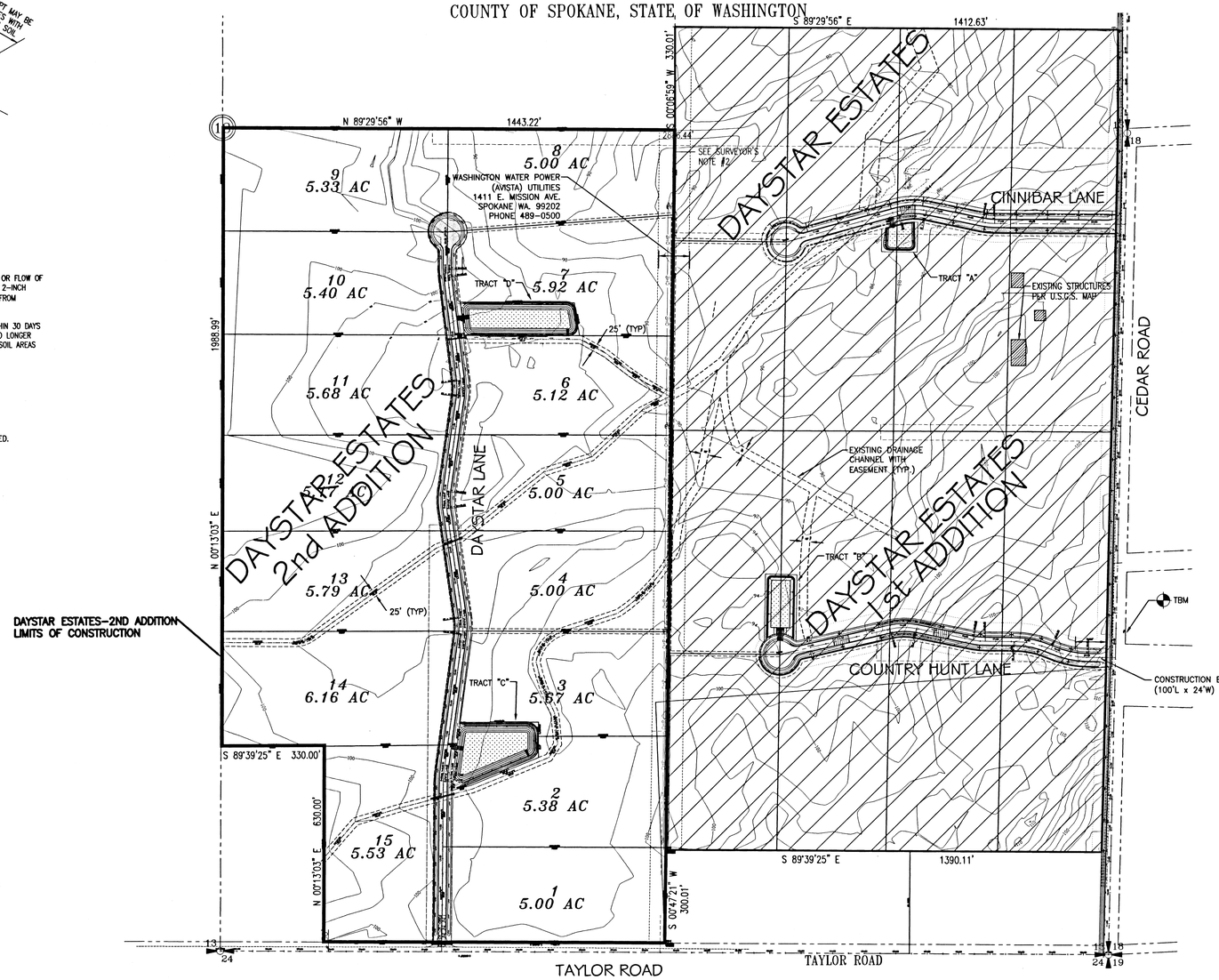
ER1) AN EROSION/SEDIMENTATION CONTROL (ESC) PLAN IS REQUIRED FOR THIS PROJECT. IMPLEMENTATION OF THE ESC PLAN, AND CONSTRUCTION, MAINTENANCE, AND UPGRADING OF THE ESC FACILITIES ARE THE RESPONSIBILITY OF THE DEVELOPER UNTIL ALL CONSTRUCTION IS COMPLETED AND ACCEPTED BY SPOKANE COUNTY, OR UNTIL VEGETATION 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 GALLERIES.

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.




**DAYSTAR ESTATES-2ND ADDITION LIMITS OF CONSTRUCTION**

**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:** RANDELL HAHN
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
HoB-HESSELTINE SILT LOAM

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
**CONSTRUCTION PLANS**
PROJECT #: P1873B
DATE ACCEPTED: 11-2-2004
ACCEPTANCE EXPIRES: 11-2-2006
PROJECT LANE MILES PUBLIC: 0
PROJECT LANE MILES PRIVATE: 0.88
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
0 100 200 400
( 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 = 108.16

"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."

ENGINEER'S APPROVAL — DATE 10/28/04

DEVELOPER — DATE 10/25/04

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

| NO. | DATE | BY | APP. | REVISION |
|---|---|---|---|---|
| | | | | |

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SCALE
HORIZ. 1" = 200'
VERT. N/A

| DRAWN: | DATE |
|---|---|
| PM/MEK | 10/4/2004 |
| DESIGNED: | |
| RGH | 10/4/2004 |
| APPROVED: | |
| RGH | |

*DAYSTAR ESTATES-2ND ADDITION*
*PRIVATE ROAD PLANS*

TEMPORARY EROSION CONTROL PLAN

EROSION
SHEET NO. C 5

CAD FILE: 00-137 PH 3 (8 JUL 04)

P-1873 B Eng Road Drawings