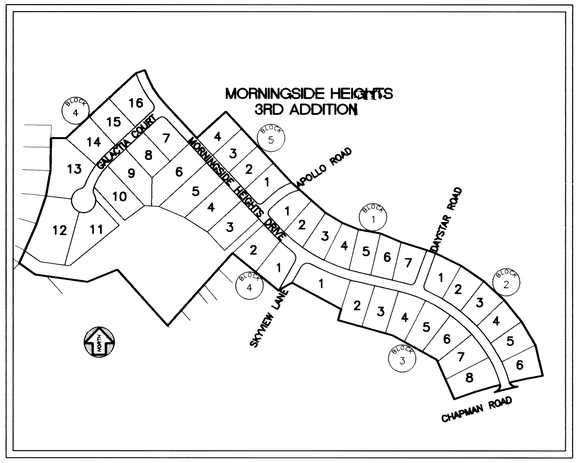
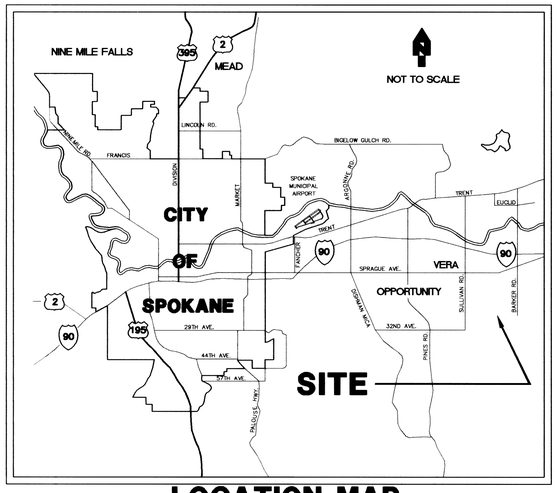
MORNINGSIDE HEIGHTS 3RD ADDITION

SPOKANE COUNTY, WASHINGTON

SECTION 30, T. 25N., R. 45E., W.M.





LOCATION MAP

INDEX OF DRAWINGS

SHEET NO. DESCRIPTION

1 . . . . . COVER SHEET

ROAD

2 . . . . . MORNINGSIDE HEIGHTS DRIVE STA. 29+00 TO STA. 40+00

3 . . . . . MORNINGSIDE HEIGHTS DRIVE STA. 40+00 TO STA. 50+00

4 . . . . . GALACTIA COURT STA. 10+00 TO STA. 15+03.93

5 . . . . . APOLLO ROAD STA. 10+00 TO STA. 11+84.26
SKYVIEW LANE STA. 15+00 TO STA. 16+55.19
DAYSTAR ROAD STA. 10+00 TO STA. 11+84.26

6 . . . . . ROAD SECTION AND DETAIL SHEET

STORM

7 . . . . . MORNINGSIDE HEIGHTS DRIVE STA. 29+00 TO STA. 39+22.70

8 . . . . . MORNINGSIDE HEIGHTS DRIVE STA. 39+22.70 TO STA. 50+00

9 . . . . . APOLLO ROAD STA. 10+00 TO STA. 11+55.12
DAYSTAR ROAD STA. 9+90.51 TO STA. 11+84
SKYVIEW LANE STA. 14+62.41 TO STA. 16+43.20

10. . . . . GPA/DETENTION SWALE PLAN

11 . . . . . STORM OUTLET PIPE AND DITCH PLAN

12. . . . . TEMPORARY EROSION AND SEDIMENT CONTROL PLAN

LEGEND

2353	EXISTING CONTOUR
	EASEMENT LINE
BT	EXISTING BURIED TELEPHONE
G	EXISTING BURIED GAS PIPELINE
OE	EXISTING OVERHEAD ELECTRICAL
X	EXISTING FENCE
W	EXISTING WATER LINE
SS	EXISTING SEWER LINE
SD	EXISTING STORM DRAIN LINE
	EXISTING WATER VALVE
	EXISTING WATER LINE FITTING (TYP.)
	EXISTING FIRE HYDRANT
	EXISTING WATER METER AND SERVICE
	EXISTING SIGN
	EXISTING SANITARY SEWER MANHOLE
	PLAT BOUNDARY
	LOT LINE
W	NEW WATER LINE
SS	NEW SANITARY SEWER LINE
SD	NEW STORM DRAIN LINE
	NEW ASPHALT PAVEMENT REPLACEMENT
	NEW WATER VALVE
	NEW CONCRETE THRUST BLOCK
	NEW WATER LINE FITTING (TYP.)
	NEW SANITARY SEWER MANHOLE
	NEW STORM DRAIN MANHOLE
	NEW STORM DRAIN CATCH BASIN

GENERAL NOTES:

1. ALL MATERIALS AND INSTALLATION SHALL BE IN CONFORMANCE WITH THE "SPOKANE COUNTY STANDARDS FOR ROAD AND SEWER CONSTRUCTION 1995", AS AMENDED, AND PER THE "2000 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 IN THE PLAN 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. CONTRACTOR SHALL COORDINATE WITH UTILITY COMPANIES FOR RELOCATION OF POWER POLES, LIGHTS, TELEPHONE, AND/OR OTHER UTILITIES THAT MAY CONFLICT WITH THE CONSTRUCTION.
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.
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. FOR ANY CURB GRADES LESS THAN 0.8% (0.008 FT/FT), A WASHINGTON STATE-LICENSED PROFESSIONAL LAND SURVEYOR SHALL VERIFY THAT THE CURB FORMS ARE AT THE GRADES NOTED ON THE APPROVED PLANS, PRIOR TO PLACEMENT OF CURB MATERIAL. THE CONTRACTOR IS RESPONSIBLE FOR ARRANGING AND COORDINATING WORK WITH THE PROFESSIONAL LAND SURVEYOR.
7. ALL PROPOSED ROADWAY AREAS SHALL BE STRIPPED TO A DEPTH OF AT LEAST 12" OF ALL VEGETATION, NEAR-SURFACE ROOTS, ANY EXISTING FILL, AND TOPSOIL. THE STRIPPED MATERIAL CAN BE RE-USED FOR LANDSCAPING, BUT IS NOT ACCEPTABLE FOR STRUCTURAL FILL.
8. NATIVE MATERIALS, EXCLUDING TOPSOIL, IS ACCEPTABLE FOR USE AS STRUCTURAL FILL. IF STRUCTURAL FILL IS IMPORTED IT SHALL CONSIST OF WELL-GRADED SAND AND GRAVEL WITH NO PARTICLES LARGER THAN FIVE INCHES IN DIAMETER AND NOT MORE THAN 30% BY WEIGHT PASSING THE #200 SIEVE. STRUCTURAL FILL SHALL BE PLACED IN MAX. 6 INCH LIFTS WITHIN 2% OF OPTIMUM MOISTURE AND COMPACTED TO 95% OF MAXIMUM DENSITY AS DETERMINED BY THE MODIFIED PROCTOR.
9. THE TOP 12 INCHES OF THE ROAD SUBGRADE SHALL BE MOISTURE CONDITIONED TO WITHIN 2% OF OPTIMUM AND COMPACTED TO 95% MAXIMUM DENSITY AS DETERMINED BY THE MODIFIED PROCTOR METHOD.
10. CRUSHED SURFACING TOP COURSE SHALL CONFORM TO WSDOT STANDARDS AND COMPACTED TO 95% OF MODIFIED PROCTOR MAXIMUM DENSITY.

    ASPHALT CONCRETE SHALL BE WSDOT CLASS B AND COMPACTED TO 92% OF THE THEORETICAL MAXIMUM DENSITY AS DETERMINED BY THE RICE METHOD.
11. DURING CONSTRUCTION, THE GROUND SURFACE SHOULD BE SLOPED TO PREVENT STORM RUNOFF FROM ACCUMULATING IN ANY OF THE SUBGRADE AREAS. ANY AREAS OF SOFTENED SUBGRADE SHALL BE REMOVED AND REPLACED WITH COMPACTED STRUCTURAL FILL.
12. SITE EXCAVATION, INCLUDING ROCK CUTS AND REMOVAL, SHALL CONFORM TO SECTION 2-03 OF THE WSDOT STANDARD SPECIFICATIONS. EMBANKMENTS TO BE CONSTRUCTED ACCORDING TO THE APPLICABLE PARAGRAPHS OF SECTION 2-03 OF THE WSDOT STANDARD SPECIFICATIONS. EARTH EMBANKMENTS TO BE CONSTRUCTED USING METHOD B OF 2-03.3(14)C.
13. ALL FILL IN AREAS OUTSIDE OF PAVEMENT SHALL BE COMPACTED IN MAXIMUM 8" LIFTS TO 92% OF MAXIMUM ASTM D 1557 DRY DENSITY. PAVEMENT SURGED SHALL BE COMPACTED TO 95%.
14. FOR CONSTRUCTION OF DRYWELLS, INSTALL FILTER FABRIC (AMOCO 4545 OR APPROVED EQUIVALENT) BETWEEN THE WASHED DRAIN ROCK AND THE NATIVE SOIL.
15. THE FLOOR OF A GRASSED PERCOLATION AREA (GPA) SWALE INCLUDES THE LEVEL PORTION OF THE FLOOR OF THE SWALE, AND THE SIDESLOPES OF THE SWALE UP TO THE GPA OVERFLOW ELEVATION OR TOP OF DRYWELL. THE SOIL LOCATED IN THE FLOOR OF THE GPA SWALE SHALL BE A MEDIUM TO WELL-DRAINING MATERIAL, WITH A MINIMUM INFILTRATION RATE OF 0.5 INCHES PER HOUR. THE ENGINEER SHALL PROVIDE A WRITTEN STATEMENT WHICH VERIFIES THAT ALL GPA SWALES CONFORM TO THIS REQUIREMENT. THIS WRITTEN STATEMENT SHALL BE SUBMITTED TO THE SPOKANE COUNTY ENGINEER'S OFFICE PRIOR TO INSTALLING FINISHED LANDSCAPING/SOD AND PRIOR TO FINAL ACCEPTANCE. THE SWALE FLOOR MATERIAL SHALL BE INSTALLED TO A NATIVE SOIL STRATUM WHICH ALSO MEETS OR EXCEEDS THIS MINIMUM PERCOLATION RATE OF 0.5 INCHES PER HOUR.

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #: P16692
DATE ACCEPTED: 02-27-04
ACCEPTANCE EXPIRES: 02-27-07
PROJECT LANE MILES PUBLIC: 0.5mi
PROJECT LANE MILES PRIVATE: 0
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

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

No.	Date	By	Ckd.	Appr.	Revisions
1	2/04	DWC	GRG	MAA	COUNTY COMMENTS 2/11/04

Drawn	GRG	01/27/04
Designed	GRG	01/27/04
Checked	MAA	01/27/04

MARK A. ARONSON, STATE OF WASHINGTON, 24681, REGISTERED PROFESSIONAL ENGINEER — EXPIRES 03/10/05

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

Developer's Approval Richard D. John pwd. Date 2-26-04

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

VERTICAL DATUM: REBAR W/YPC, L.S.#1809, @ CENTERLINE OF CHAPMAN RD. 120'± EAST OF THE INTERSECTION OF DAYBREAK LANE AND CHAPMAN RD. EL = 2341.84 (NAVD 88)

CADD FILE NAME: 03107COV

SCALE
HORIZ. N/A
VERT. N/A

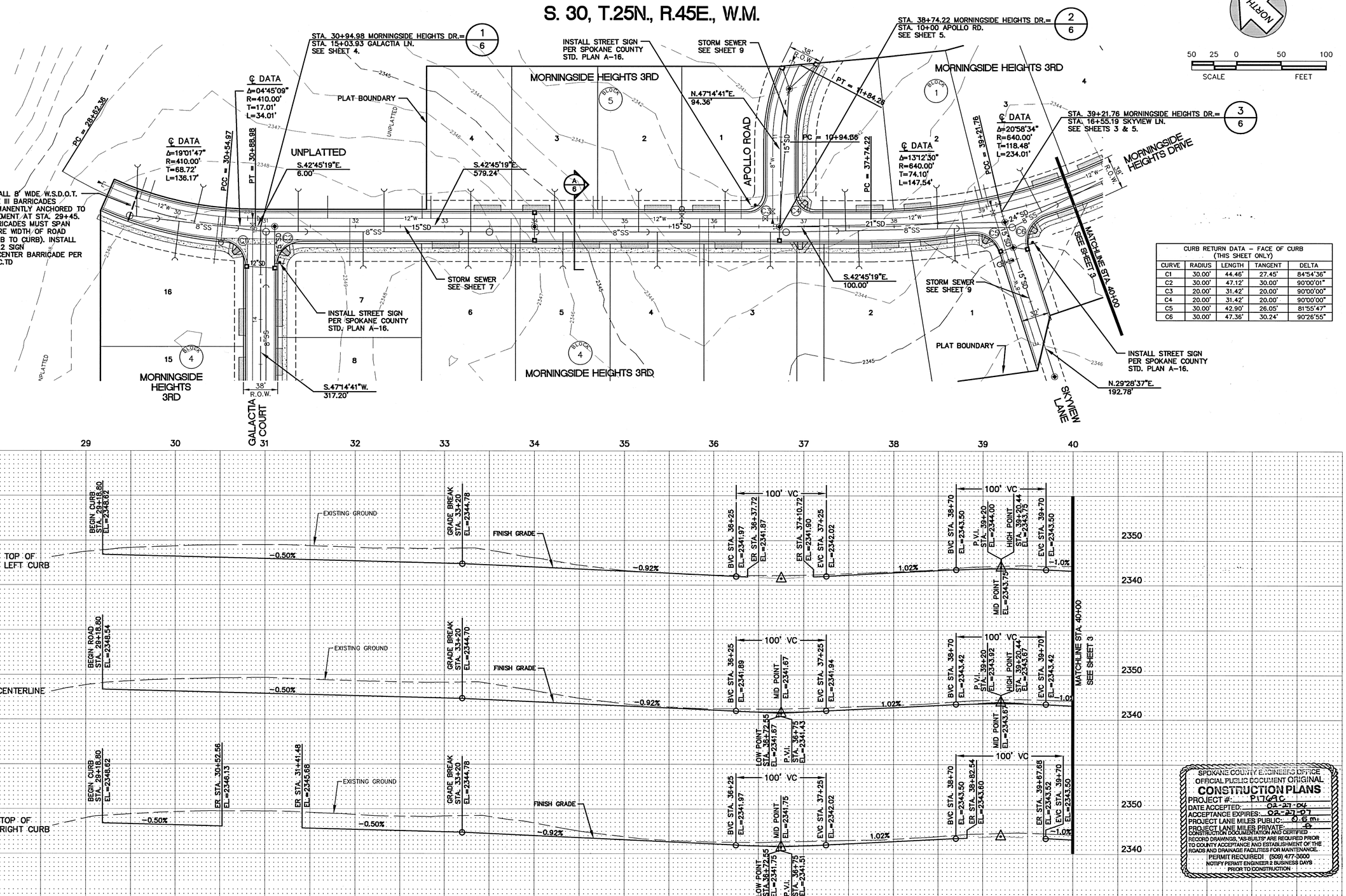
MORNINGSIDE HEIGHTS

COVER SHEET

COVER SHEET 1 / 12

MORNINGSIDE HEIGHTS 3RD ADDITION

S. 30, T.25N., R.45E., W.M.



CURB RETURN DATA – FACE OF CURB (THIS SHEET ONLY)				
CURVE	RADIUS	LENGTH	TANGENT	DELTA
C1	30.00'	44.46'	27.45'	84°54'36"
C2	30.00'	47.12'	30.00'	90°00'01"
C3	20.00'	31.42'	20.00'	90°00'00"
C4	20.00'	31.42'	20.00'	90°00'00"
C5	30.00'	42.90'	26.05'	81°55'47"
C6	30.00'	47.36'	30.24'	90°26'55"

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #: P1769C
DATE ACCEPTED: 02-27-04
ACCEPTANCE EXPIRES: 02-27-07
PROJECT LANE MILES PUBLIC: 0.6 mi
PROJECT LANE MILES PRIVATE: 0
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	Ckd.	Appr.	Revisions
1	2/04	DWC	GRG	MAA	COUNTY COMMENTS 2/11/04

		Date
Drawn	CWD	1/27/04
Designed	GRG	1/27/04
Checked	MAA	1/27/04

MARK A. ARONSON — STATE OF WASHINGTON — 24681 — REGISTERED PROFESSIONAL ENGINEER — 2/26/04 — EXPIRES 03/10/05

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

SPOKANE COUNTY PUBLIC WORKS
DIVISION OF UTILITIES
W. 1026 Broadway Ave.
Spokane Wa. 99260
477-3604

Developer's Approval Richard P. Dole President Date 2-26-04

VERTICAL DATUM: REBAR W/YPC, L.S. #1809, @ CENTERLINE OF CHAPMAN RD. 120'± EAST OF THE INTERSECTION OF DAYBREAK LANE AND CHAPMAN RD. EL = 2341.84 (NAVD 88)

CADD FILE NAME: 03107R15

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

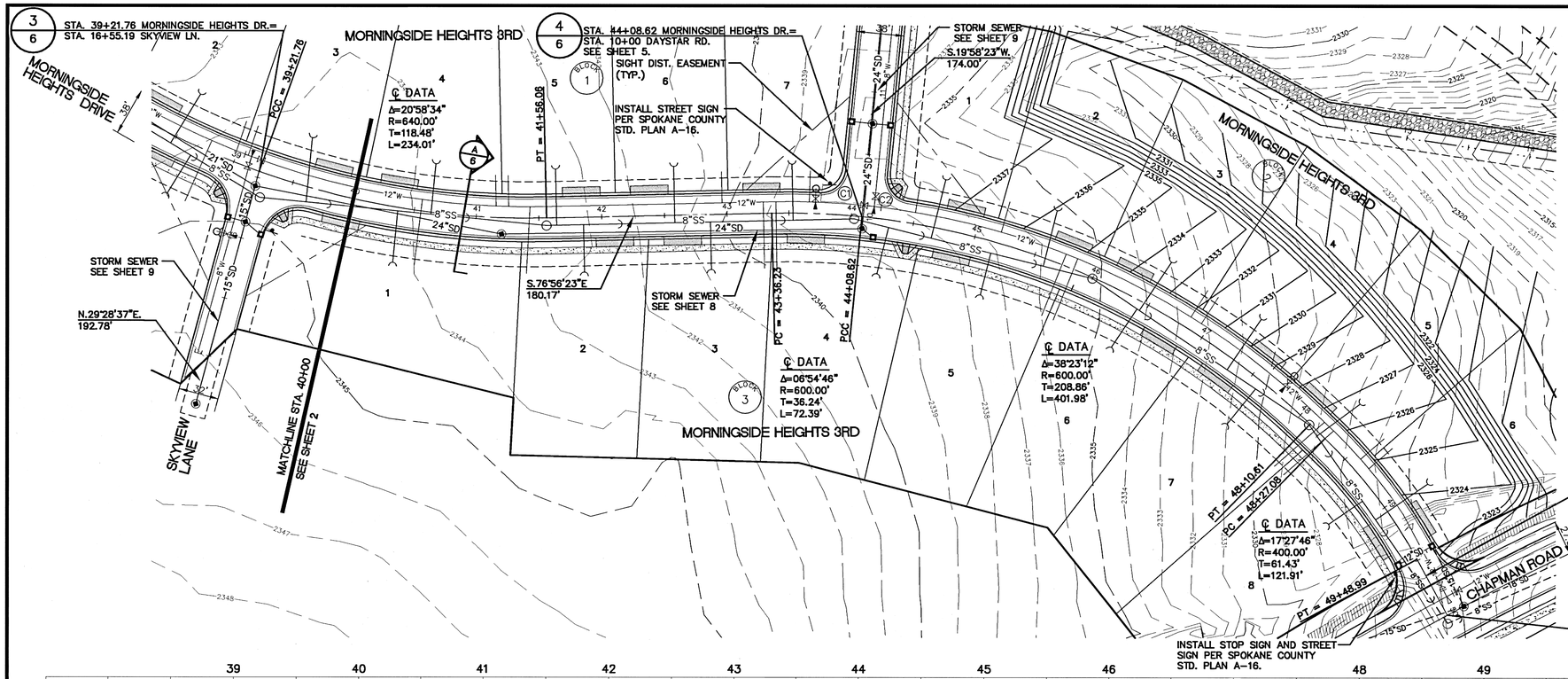
MORNINGSIDE HEIGHTS 3RD ADD.

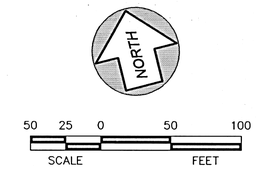
MORNINGSIDE HEIGHTS DRIVE
STA. 29+00 TO STA. 40+00

ROAD
SHEET 2 / 12

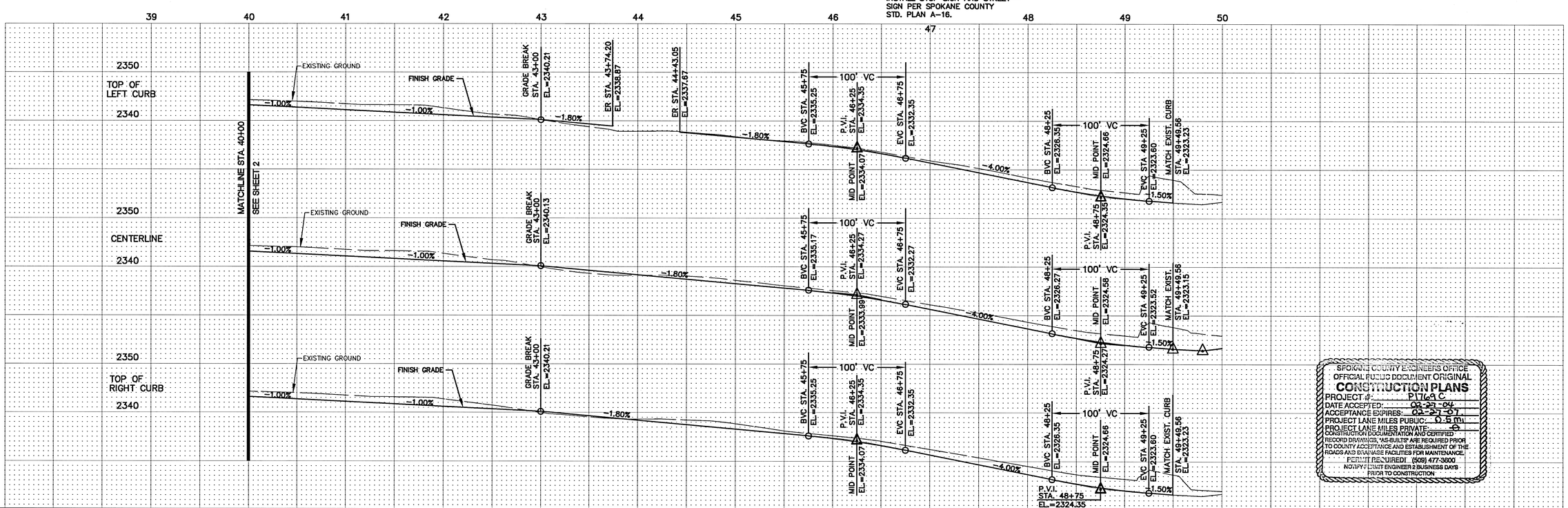
MORNINGSIDE HEIGHTS 3RD ADDITION

S. 30, T.25N., R.45E., W.M.





CURB RETURN DATA – FACE OF CURB (THIS SHEET ONLY)				
CURVE	RADIUS	LENGTH	TANGENT	DELTA
C1	20.00'	30.27'	18.88'	86°42'45"
C2	20.00'	30.27'	18.88'	86°42'45"



SPOKANE COUNTY ENGINEER'S OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #: P176AC
DATE ACCEPTED: 02-27-04
ACCEPTANCE EXPIRES: 02-27-07
PROJECT LANE MILES PUBLIC: 0.5 mi
PROJECT LANE MILES PRIVATE: 0
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	Ckd.	Appr.	Revisions
1	2/04	DWC	GRG	MAA	COUNTY COMMENTS 2/11/04

		Date
Drawn	CWD	1/27/04
Designed	GRG	1/27/04
Checked	MAA	1/27/04

MARK A. ARONSON — STATE OF WASHINGTON — 24681 — REGISTERED PROFESSIONAL ENGINEER — 2/11/04 — EXPIRES 03/10/05

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 UTILITIES
W. 1026 Broadway Ave.
Spokane Wa. 99260
477-3604

Developer's Approval Richard Dahm President Date 2-26-04

VERTICAL DATUM: REBAR W/YPC, L.S.#18809, @ CENTERLINE OF CHAPMAN RD. 120'± EAST OF THE INTERSECTION OF DAYBREAK LANE AND CHAPMAN RD. EL = 2341.84 (NAVD 88)

CADD FILE NAME: 03107R25

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

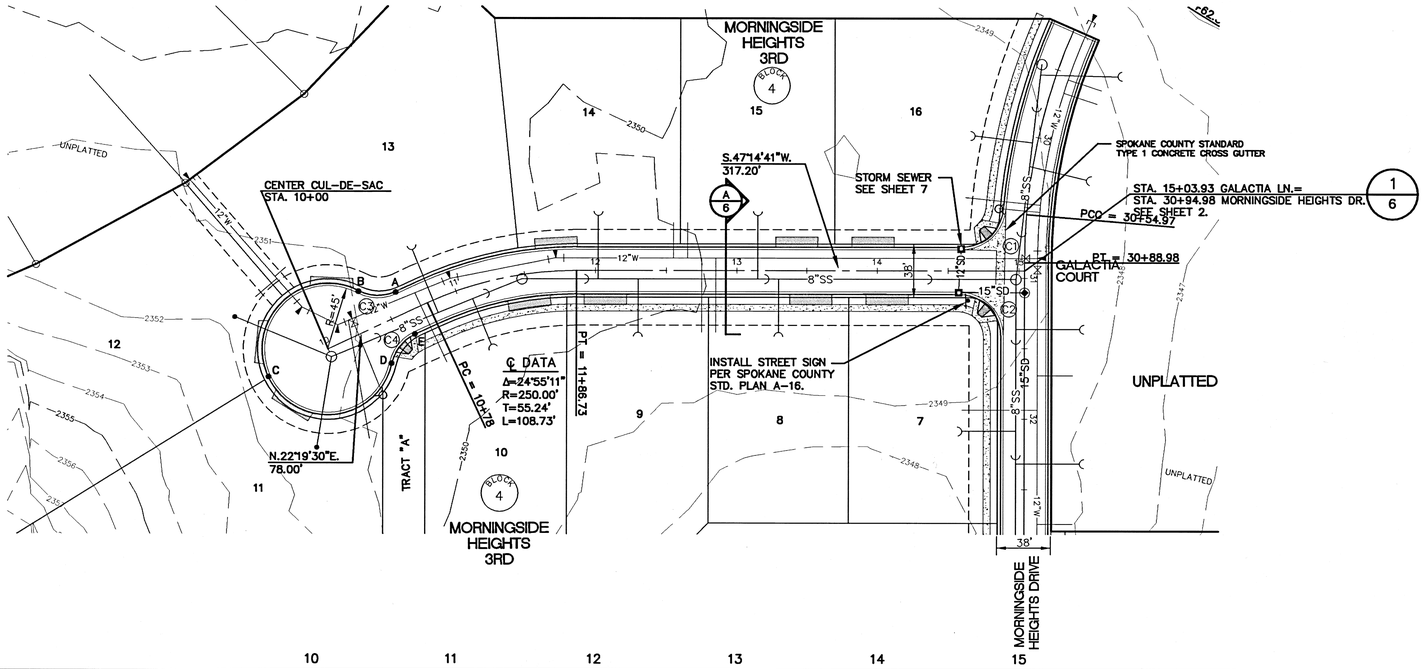
MORNINGSIDE HEIGHTS 3RD ADD.

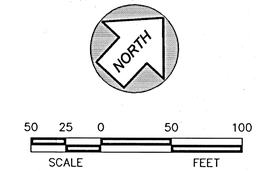
MORNINGSIDE HEIGHTS DRIVE
STA. 40+00 TO STA. 50+00

ROAD
SHEET 3/12

MORNINGSIDE HEIGHTS 3RD ADDITION

S. 30, T.25N., R.45E., W.M.





CURB RETURN DATA – FACE OF CURB (THIS SHEET ONLY)				
CURVE	RADIUS	LENGTH	TANGENT	DELTA
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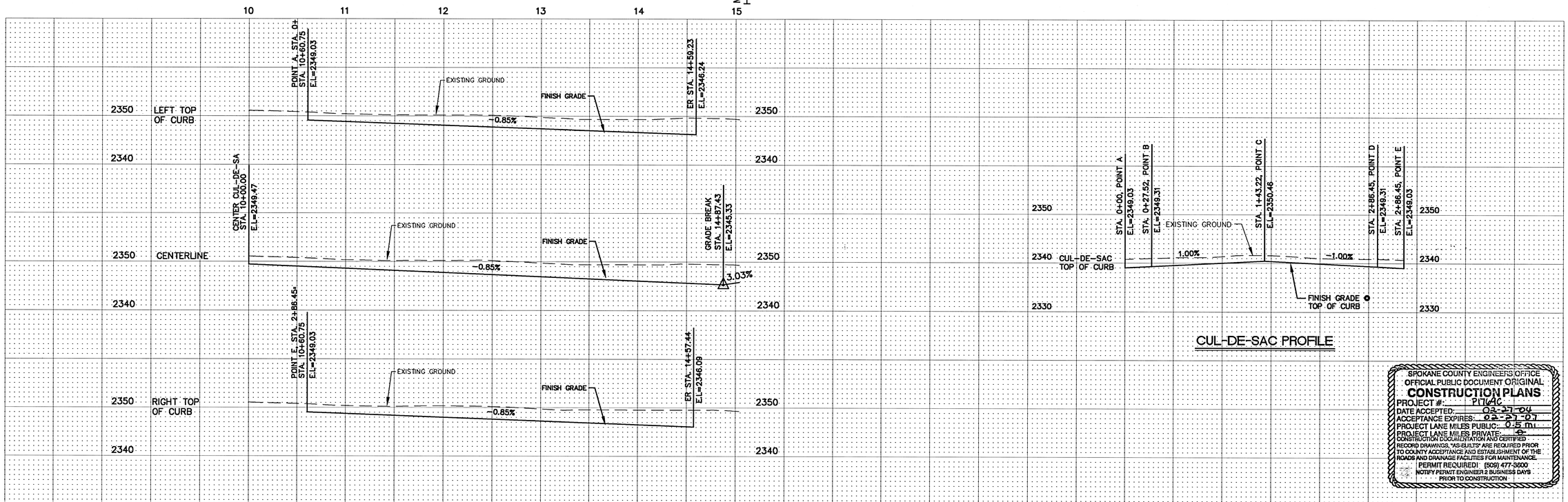
C2	30.00'	47.12'	30.00'	90°00'01"
C3	30.00'	27.52'	14.82'	52°33'59"
C4	30.00'	27.52'	14.82'	52°33'59"



CUL-DE-SAC PROFILE

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #: P1040
DATE ACCEPTED: 02-27-04
ACCEPTANCE EXPIRES: 02-27-07
PROJECT LANE MILES PUBLIC: 0.5 mi.
PROJECT LANE MILES PRIVATE: 0
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	Ckd.	Appr.	Revisions
1	2/04	DWC	GRG	MAA	COUNTY COMMENTS 2/11/04

Drawn CWD 1/27/04
Designed GRG 1/27/04
Checked MAA 1/27/04

MARK A. ARONSON — STATE OF WASHINGTON — 24681 — REGISTERED PROFESSIONAL ENGINEER — 2/26/04 — EXPIRES 03/10/05

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 UTILITIES
W. 1026 Broadway Ave.
Spokane Wa. 99260
477-3604

Developer's Approval Richard Bahr president Date 2-26-04

VERTICAL DATUM: REBAR W/YPC, L.S.#1809, ⊙ CENTERLINE OF CHAPMAN RD. 120'± EAST OF THE INTERSECTION OF DAYBREAK LANE AND CHAPMAN RD. EL = 2341.84 (NAVD 88)

CADD FILE NAME: 03107R35

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

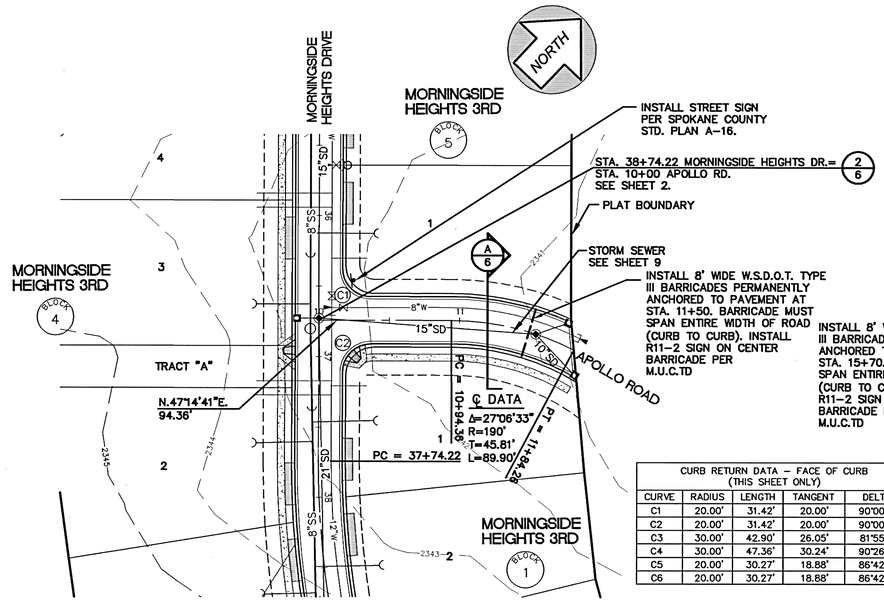
MORNINGSIDE HEIGHTS 3RD ADD.

GALACTIA COURT
STA. 10+00 TO STA. 15+03.93

ROAD
SHEET 4 / 12

MORNINGSIDE HEIGHTS 3RD ADDITION

S. 30, T.25N., R.45E., W.M.



CURB RETURN DATA – FACE OF CURB (THIS SHEET ONLY)				
CURVE	RADIUS	LENGTH	TANGENT	DELTA
C1	20.00'	31.42'	20.00'	90°00'00"
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C4	30.00'	47.36'	30.24'	90°26'55"
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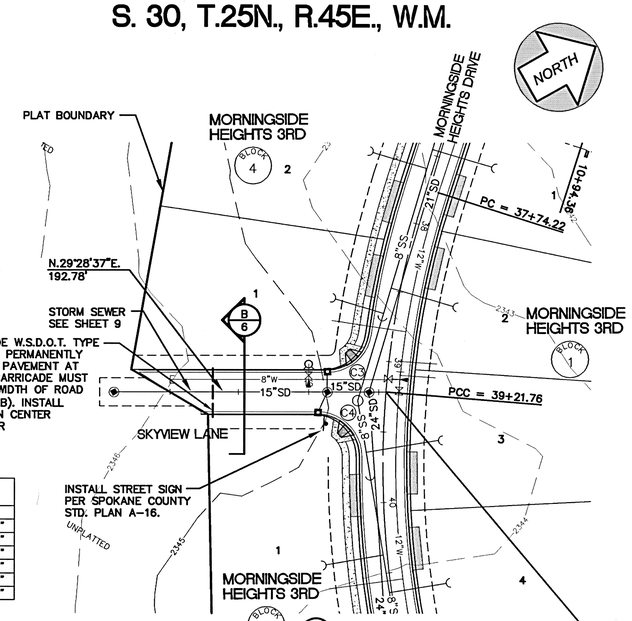
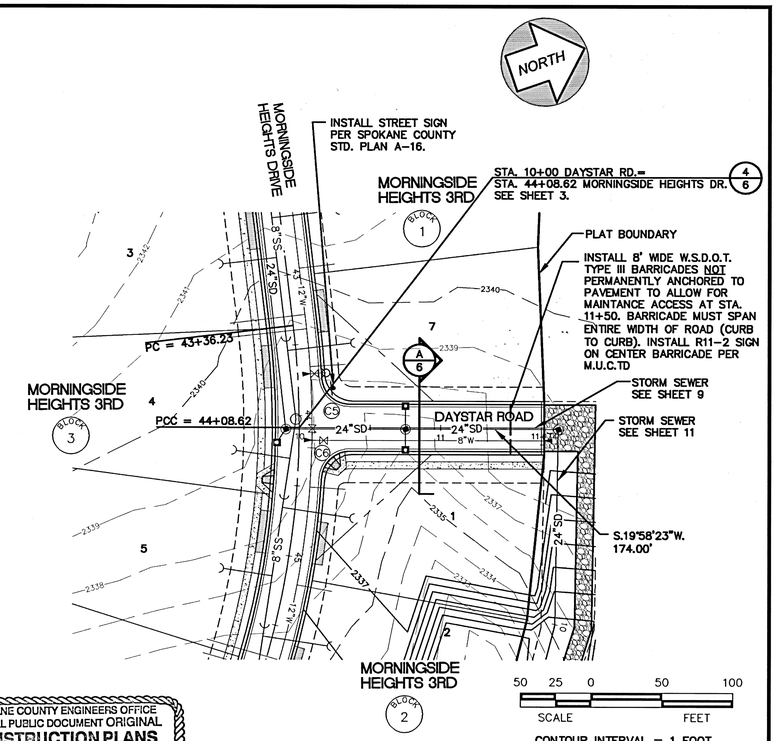
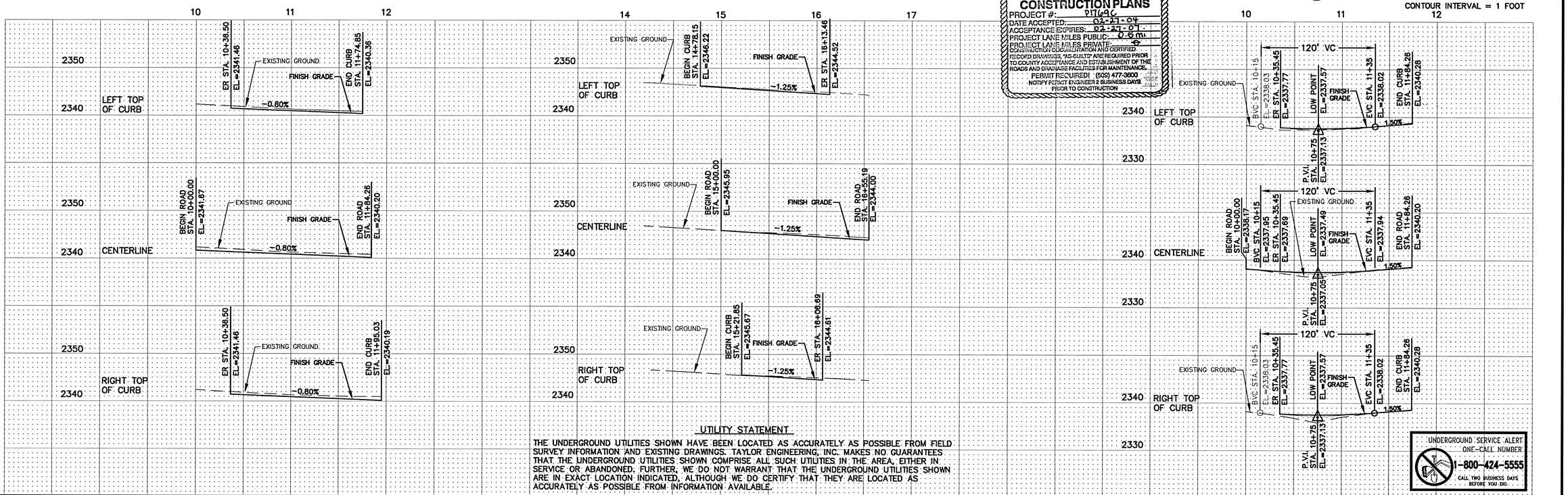




SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #: P17696
DATE ACCEPTED: 02-27-04
ACCEPTANCE EXPIRES: 02-27-07
PROJECT LANE MILES PUBLIC: 0.8 mi
PROJECT LANE MILES PRIVATE: 0
CONSTRUCTION DOCUMENTATION AND CERTIFIED RECORD DRAWINGS, "AS-BUILTS" ARE REQUIRED 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



UTILITY STATEMENT

THE UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED AS ACCURATELY AS POSSIBLE FROM FIELD SURVEY INFORMATION AND EXISTING DRAWINGS. TAYLOR ENGINEERING, INC. MAKES NO GUARANTEES THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. FURTHER, WE DO NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN EXACT LOCATION INDICATED, ALTHOUGH WE DO CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE.

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

No.	Date	By	Ckd.	Appr.	Revisions
1	2/04	DWC	GRG	MAA	COUNTY COMMENTS 2/11/04

Drawn	CWD	1/27/04
Designed	GRG	1/27/04
Checked	MAA	1/27/04

MARK A. ARANDSON — STATE OF WASHINGTON — 24681 — REGISTERED PROFESSIONAL ENGINEER — 2/11/04 — EXPIRES 03/10/05

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 UTILITIES
W. 1026 Broadway Ave.
Spokane Wa. 99260
477-3604

Developer's Approval Richard P. Bale President Date 2-26-04

VERTICAL DATUM: REBAR W/YPC, L.S.#1809, ⊙ CENTERLINE OF CHAPMAN RD. 120'± EAST OF THE INTERSECTION OF DAYBREAK LANE AND CHAPMAN RD. EL = 2341.84 (NAVD 88)

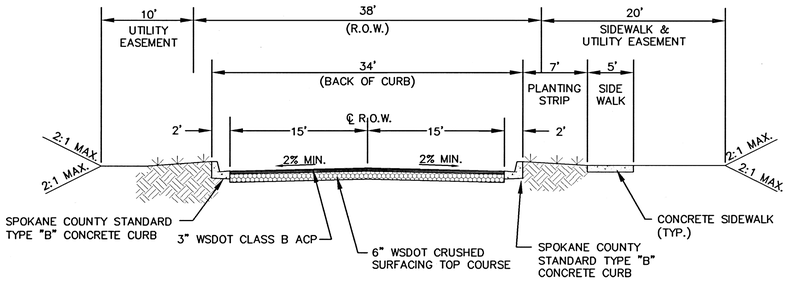
CADD FILE NAME: 03107R45

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

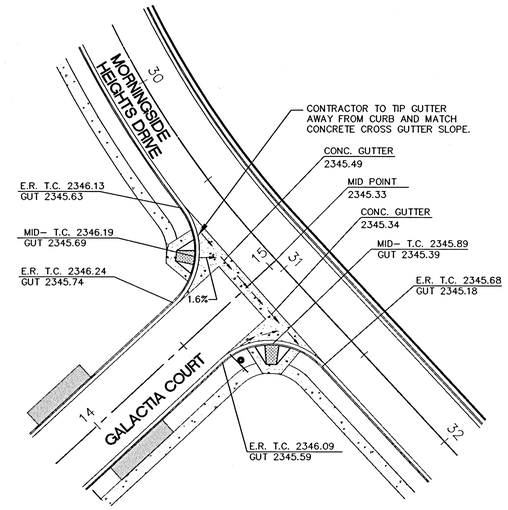
MORNINGSIDE HEIGHTS 3RD ADD.
APOLLO ROAD
STA. 10+00 TO STA. 11+84.26
SKYVIEW LANE
STA. 10+00 TO STA. 16+55.19
DAYSTAR ROAD
STA. 10+00 TO STA. 11+84.26

ROAD
SHEET 5 / 12

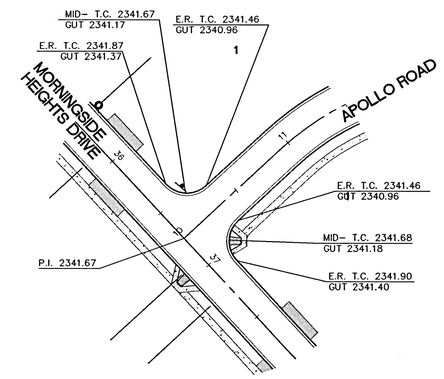
MORNINGSIDE HEIGHTS 3RD ADDITION
S. 30, T.25N., R.45E., W.M.



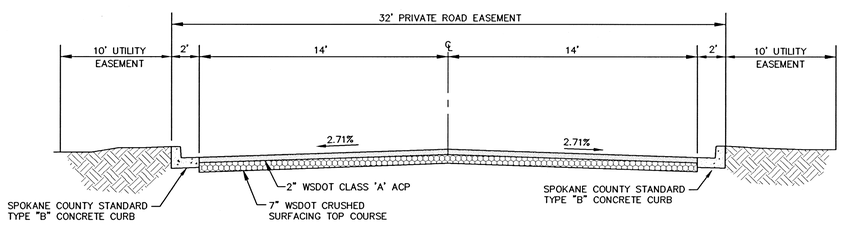
TYPICAL PUBLIC ROAD SECTION (A / 2,3,4,5)
NOT TO SCALE



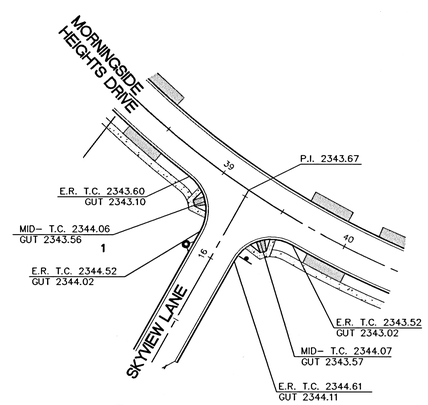
1/2 INTERSECTION DETAIL
SCALE 1"=30'



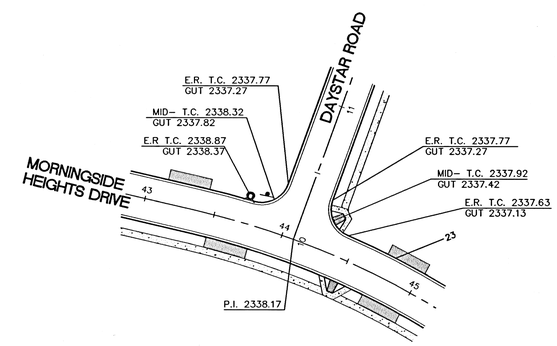
2/2 INTERSECTION DETAIL
SCALE 1"=50'



SKYVIEW LANE CROSS-SECTION (B / 5)
N.T.S.



3/5 INTERSECTION DETAIL
SCALE 1"=50'



4/3 INTERSECTION DETAIL
SCALE 1"=50'

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #: P176A
DATE ACCEPTED: 02-27-04
ACCEPTANCE EXPIRES: 02-27-07
PROJECT LANE MILES PUBLIC: 0.6mi
PROJECT LANE MILES PRIVATE: 0
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	Ckd.	Appr.	Revisions
1	2/04	GRG	MAA		SPOKANE COUNTY COMMENTS 2/11/04

		Date
Drawn	CWD	1/27/04
Designed	GRG	1/27/04
Checked	MAA	1/27/04

MARK A. ARONSEN — STATE OF WASHINGTON — 24681 — REGISTERED PROFESSIONAL ENGINEER — 2/26/04 — EXPIRES 03/10/05

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 UTILITIES
W. 1026 Broadway Ave.
Spokane Wa. 99260
477-3604

Developer's Approval Richard Fehr president Date 2-26-04

VERTICAL DATUM: REBAR W/YPC, L.S.#1809, ⊙ CENTERLINE OF CHAPMAN RD. 120'± EAST OF THE INTERSECTION OF DAYBREAK LANE AND CHAPMAN RD. EL = 2341.84 (NAVD 88)

CADD FILE NAME: 03107R55

SCALE
HORIZ N/A
VERT. N/A

MORNINGSIDE HEIGHTS 3RD ADD.

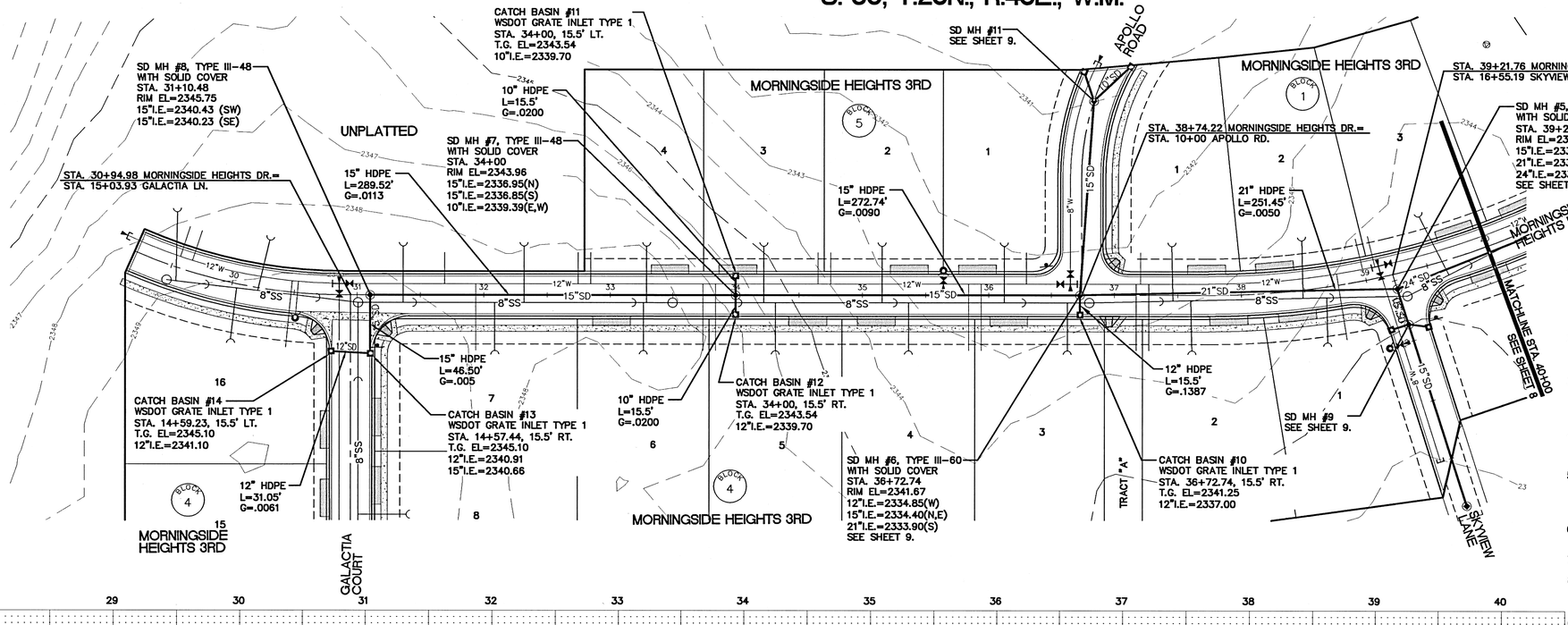
ROAD SECTION AND DETAIL SHEET

STORM

SHEET 6 / 12

MORNINGSIDE HEIGHTS 3RD ADDITION

S. 30, T.25N., R.45E., W.M.



DRAINAGE NOTES:

1. CONTRACTOR SHALL INSTALL FILTER FABRIC OVER CATCH BASIN GRATES DURING CONSTRUCTION AND PERIODICALLY CLEAN DEBRIS COLLECTED ON FABRIC. IF THE FILTER FABRIC, FOR ANY REASON, IS REMOVED DURING CONSTRUCTION, IT IS THE CONTRACTOR'S RESPONSIBILITY TO CLEAN OUT THE CATCH BASIN AND REPLACE FILTER FABRIC.
2. ALL WORK AND MATERIALS SHALL BE IN CONFORMANCE WITH "SPOKANE COUNTY STANDARDS FOR ROAD AND SEWER CONSTRUCTION" 1995, AND AS AMENDED.
3. 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.
4. 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.
5. 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.
6. MANHOLE TYPE I-48 IS PER SPOKANE COUNTY STANDARD PLAN NO. U-2 WITH RING AND COVER PER SPOKANE COUNTY STANDARD PLAN U-14.
7. GRATE INLET TYPE 1 IS PER WSDOT STANDARD PLAN B-4c.
8. ALL STORM SEWER PIPE AND FITTINGS SHALL BE HIGH DENSITY POLY ETHYLENE (HDPE) AND MEET THE REQUIREMENTS OF AASHTO M 294 TYPE S OR D.
9. FOR CONSTRUCTION OF DRYWELLS, INSTALL FILTER FABRIC (AMOCO 4545 OR APPROVED EQUIVALENT) BETWEEN THE WASHED DRAIN ROCK AND THE NATIVE SOIL.
10. THE FLOOR OF A GRASSED PERCOLATION AREA (GPA) SWALE INCLUDES THE LEVEL PORTION OF THE FLOOR OF THE SWALE, AND THE SIDESLOPES OF THE SWALE UP TO THE GPA OVERFLOW ELEVATION OR TOP OF DRYWELL. THE SOIL LOCATED IN THE FLOOR OF THE GPA SWALE SHALL BE A MEDIUM TO WELL-DRAINING MATERIAL, WITH A MINIMUM INFILTRATION RATE OF 0.5 INCHES PER HOUR. THE ENGINEER SHALL PROVIDE A WRITTEN STATEMENT WHICH VERIFIES THAT ALL GPA SWALES CONFORM TO THIS REQUIREMENT. THIS WRITTEN STATEMENT SHALL BE SUBMITTED TO THE SPOKANE COUNTY ENGINEER'S OFFICE PRIOR TO INSTALLING FINISHED LANDSCAPING/SOD AND PRIOR TO FINAL ACCEPTANCE. THE SWALE FLOOR MATERIAL SHALL BE INSTALLED TO A NATIVE SOIL STRATUM WHICH ALSO MEETS OR EXCEEDS THIS MINIMUM PERCOLATION RATE OF 0.5 INCHES PER HOUR.

UTILITY STATEMENT

THE UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED AS ACCURATELY AS POSSIBLE FROM FIELD SURVEY INFORMATION AND EXISTING DRAWINGS. TAYLOR ENGINEERING, INC. MAKES NO GUARANTEES THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. FURTHER, WE DO NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN EXACT LOCATION INDICATED, ALTHOUGH WE DO CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE.

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #: P1696
DATE ACCEPTED: 02-27-04
ACCEPTANCE EXPIRES: 02-27-07
PROJECT LANE MILES PUBLIC: 0.5mi
PROJECT LANE MILES PRIVATE: 0
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

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

No.	Date	By	Ckd.	Appr.	Revisions
1	2/04	DWC	GRG	MAA	COUNTY COMMENTS 2/11/04

Drawn	CWD	01/27/04
Designed	GRG	01/27/04
Checked	MAA	01/27/04

STATE OF WASHINGTON MARK A. ARONSON 24681 REGISTERED PROFESSIONAL ENGINEER 2/11/04 EXPIRES 03/10/05

Taylor Engineering, Inc.
Civil Design and Land Planning
W. 106 Mission Ave.
Spokane, Washington 99201
(509) 328-3371 FAX (509) 328-8224

Developer's Approval: Richard Dahn President Date 2-26-04

SPOKANE COUNTY PUBLIC WORKS
DIVISION OF UTILITIES
W. 1026 Broadway Ave.
Spokane Wa. 99260
477-3604

VERTICAL DATUM: REBAR W/YPC, L.S.#1809, ⊙ CENTERLINE OF CHAPMAN RD. 120'± EAST OF THE INTERSECTION OF DAYBREAK LANE AND CHAPMAN RD. EL = 2341.84 (NAVD 88)

CADD FILE NAME: 03107SD15

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

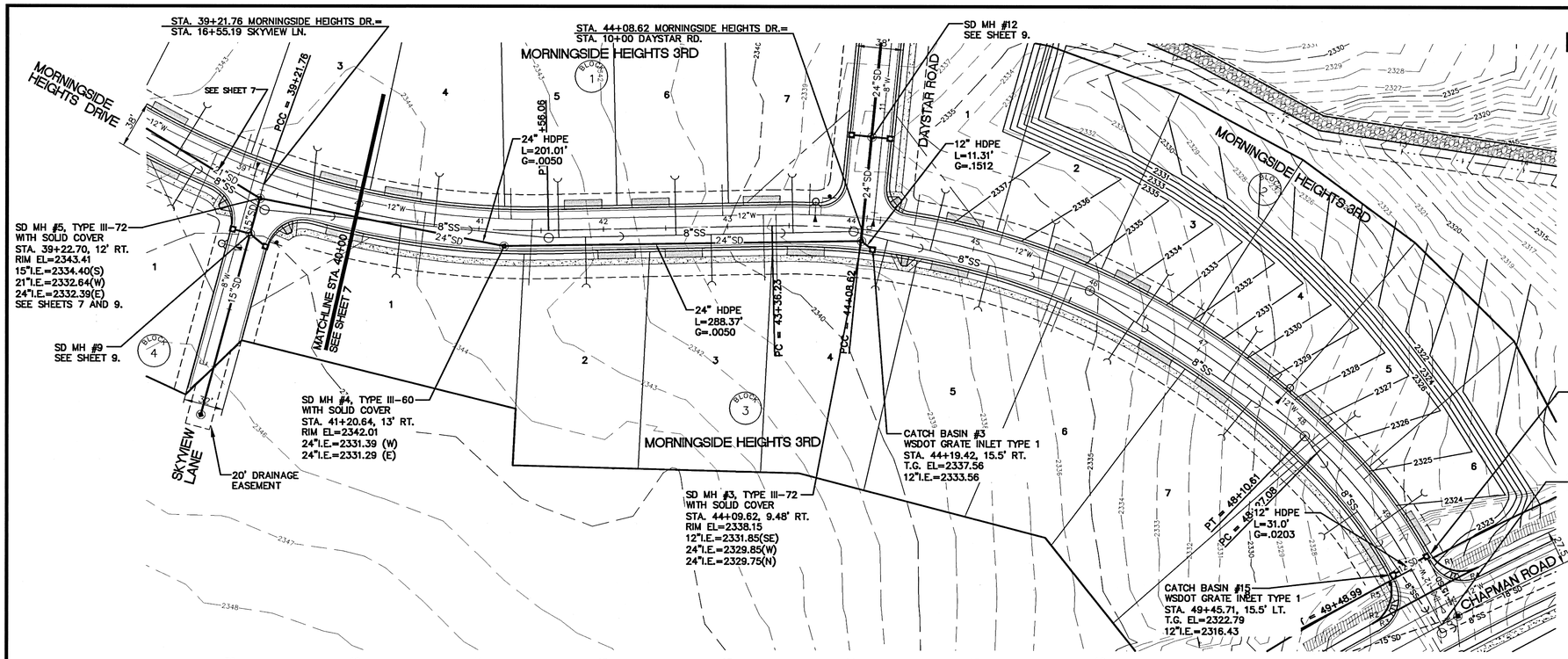
MORNINGSIDE HEIGHTS 3RD ADD.

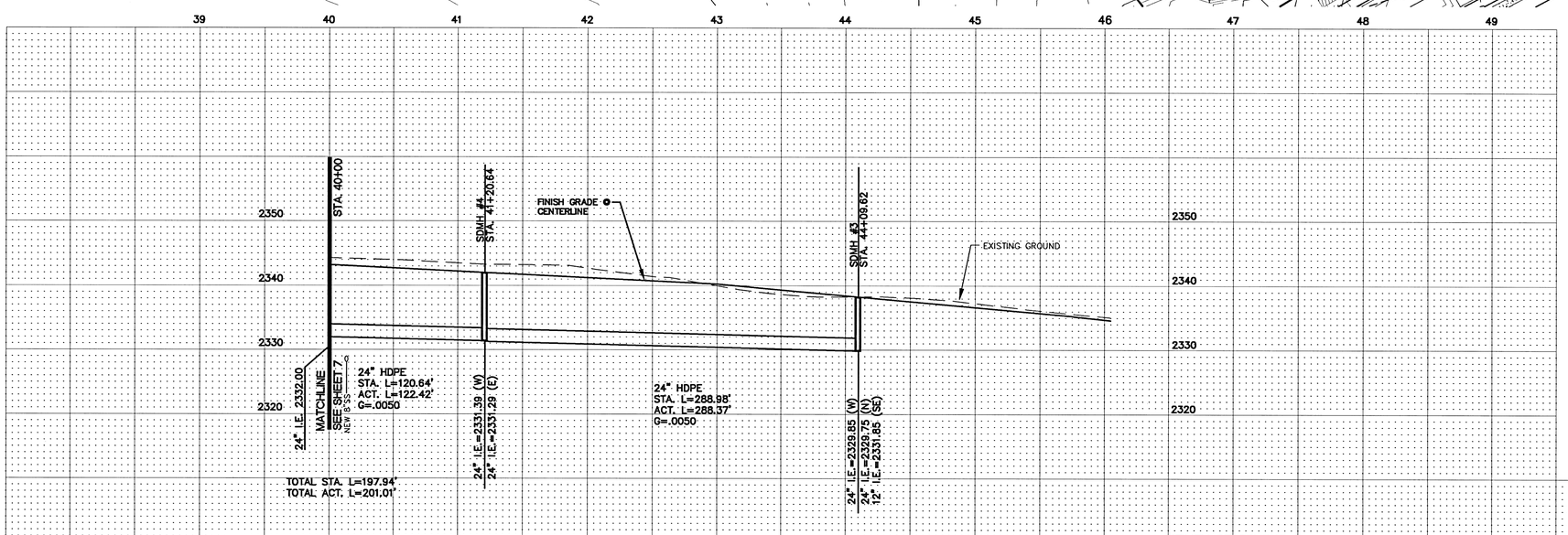
MORNINGSIDE HEIGHTS DRIVE
STA. 29+00 TO STA. 39+22.70

STORM SHEET 7/12

MORNINGSIDE HEIGHTS 3RD ADDITION

S. 30, T.25N., R.45E., W.M.





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UTILITY STATEMENT

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SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #: D1769C
DATE ACCEPTED: 02-27-04
ACCEPTANCE EXPIRES: 02-27-07
PROJECT LANE MILES PUBLIC: 0.6mi
PROJECT LANE MILES PRIVATE: 0
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

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

No.	Date	By	Ckd.	Appr.	Revisions
1	2/04	DWC	GRG	MAA	COUNTY COMMENTS 2/11/04

		Date
Drawn	CWD	01/27/04
Designed	GRG	01/27/04
Checked	MAA	01/27/04

MARK A. ARONSON — STATE OF WASHINGTON — 24681 — REGISTERED PROFESSIONAL ENGINEER — 2/26/04 — EXPIRES 03/10/05

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 UTILITIES
W. 1026 Broadway Ave.
Spokane Wa. 99260
477-3604

Developer's Approval Richard D. Dahm president Date 2-26-04

VERTICAL DATUM: REBAR W/YPC, L.S. #1809, ⊕ CENTERLINE OF CHAPMAN RD. 120'± EAST OF THE INTERSECTION OF DAYBREAK LANE AND CHAPMAN RD. EL = 2341.84 (NAVD 88)

CADD FILE NAME: 03107SD25

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

MORNINGSIDE HEIGHTS 3RD ADD.

MORNINGSIDE HEIGHTS DRIVE
STA. 39+22.70 TO STA. 50+00

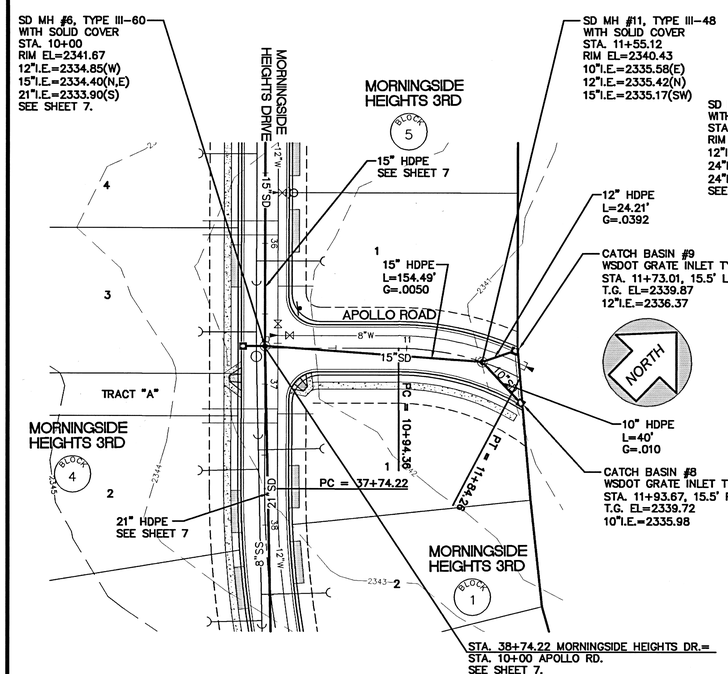
STORM SHEET 8/12

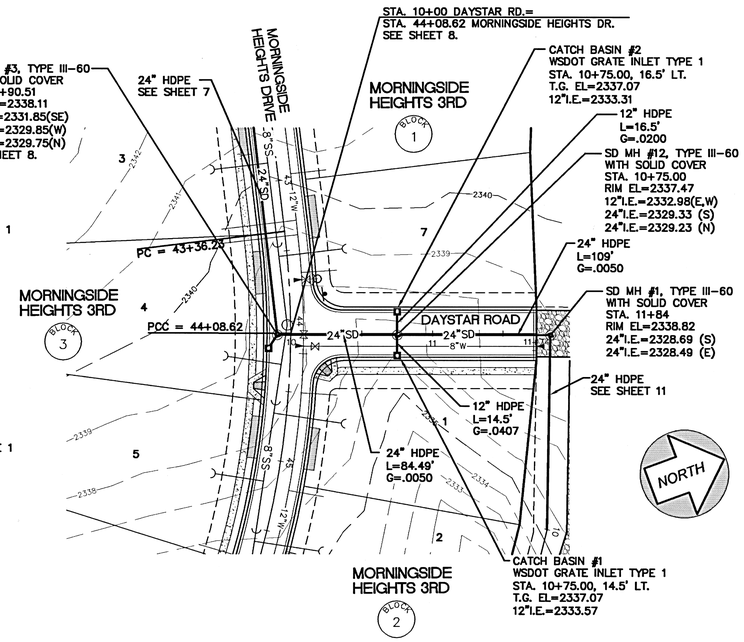
MORNINGSIDE HEIGHTS 3RD ADDITION

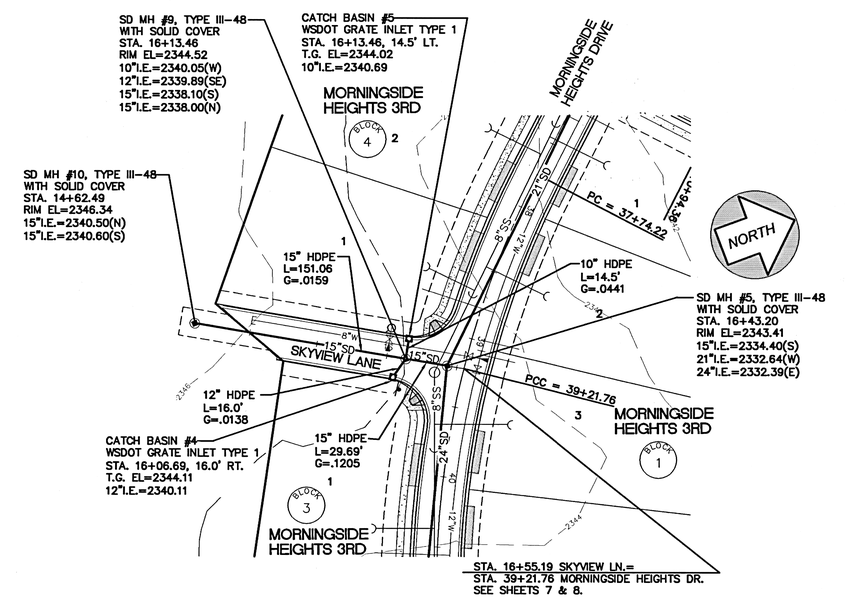
S. 30, T.25N., R.45E., W.M.

50 25 0 50 100
SCALE FEET

CONTOUR INTERVAL = 1 FOOT







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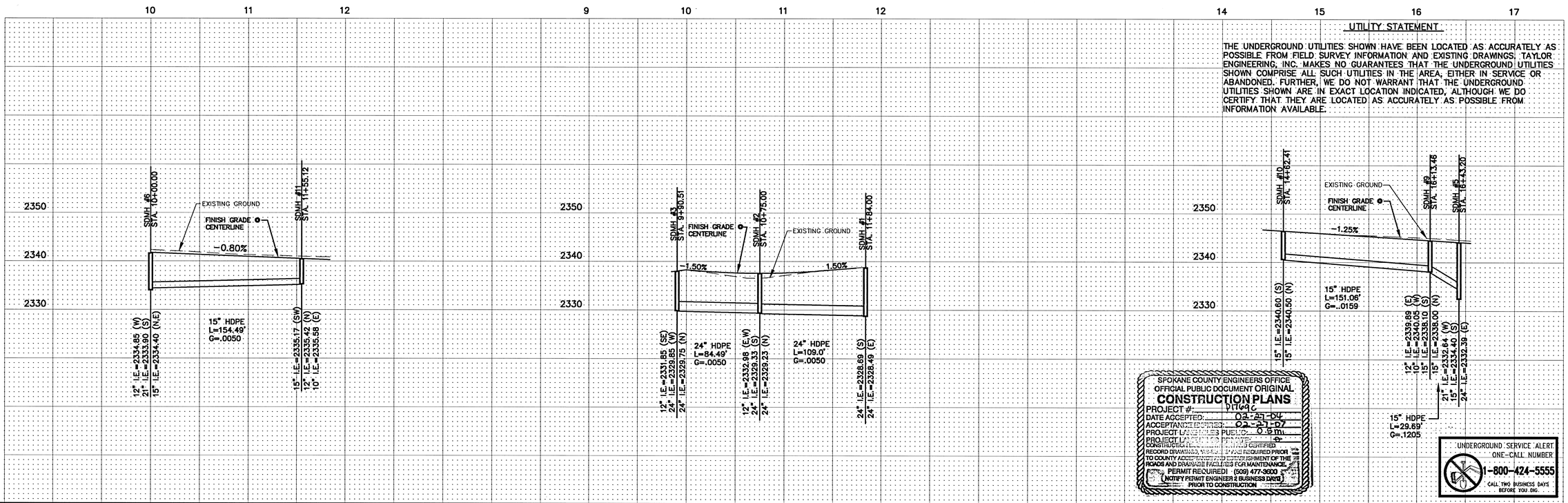


SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #: 01169
DATE ACCEPTED: 02-27-04
ACCEPTANCE EXPIRES: 02-27-07
PROJECT LENGTH LESS PUBLIC: 0.5 mi
PROJECT LENGTH PRIVATE: 0
CONSTRUCTION PLANS AND CERTIFIED RECORD DRAWINGS, MYLARS, STAMPED REQUIRED PRIOR TO COUNTY ACCEPTANCE FOR OWNERSHIP OF THE ROADS AND DRAINAGE FACILITIES FOR MAINTENANCE.
PERMIT REQUIRED! (509) 477-3600
(NOTIFY PERMIT ENGINEER 2 BUSINESS DAYS) PRIOR TO CONSTRUCTION

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

No.	Date	By	Ckd.	Appr.	Revisions
1	2/04	DWC	GRG	MAA	COUNTY COMMENTS 2/11/04

Drawn	CWD	01/27/04
Designed	GRG	01/27/04
Checked	MAA	01/27/04

MARK A. ARONSON — STATE OF WASHINGTON — 24681 — REGISTERED PROFESSIONAL ENGINEER — 2/11/04
EXPIRES 03/10/05

Taylor Engineering, Inc.
Civil Design and Land Planning
W. 106 Mission Ave.
Spokane, Washington 99201
(509) 328-3371 FAX (509) 328-8224

Developer's Approval Richard E. Bolin President Date 2-26-04

SPOKANE COUNTY PUBLIC WORKS
DIVISION OF UTILITIES
W. 1026 Broadway Ave.
Spokane Wa. 99260
477-3604

VERTICAL DATUM: REBAR W/YPC, L.S.#1809, ⊙ CENTERLINE OF CHAPMAN RD. 120'± EAST OF THE INTERSECTION OF DAYBREAK LANE AND CHAPMAN RD. EL = 2341.84 (NAVD 88)

CADD FILE NAME: 03107SD35

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

MORNINGSIDE HEIGHTS 3RD ADD.
APOLLO ROAD
STA. 10+00 TO STA. 11+55.12
DAYSTAR ROAD
STA. 9+90.51 TO STA. 11+84
SKYVIEW LANE
STA. 14+62.41 TO STA. 16+43.20

STORM SHEET 9 / 12

MORNINGSIDE HEIGHTS 3RD ADDITION

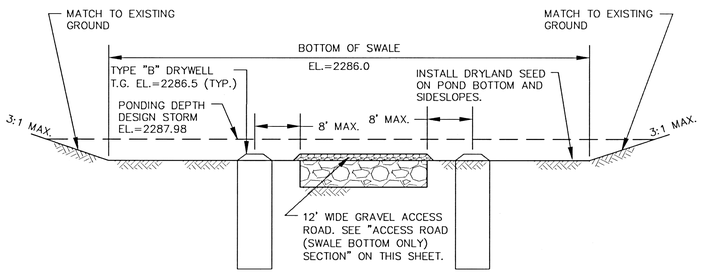
S. 30, T.25N., R.45E., W.M.

NORTH

30 15 0 30 60

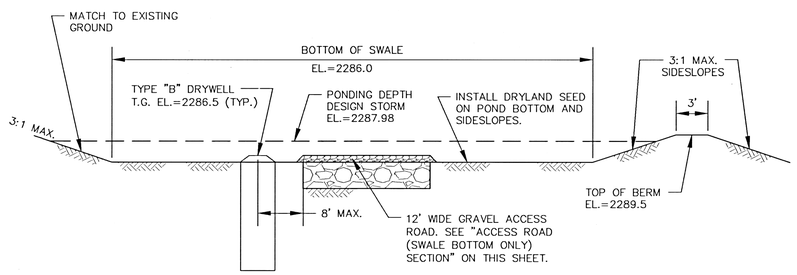
SCALE FEET

CONTOUR INTERVAL = 1 FOOT



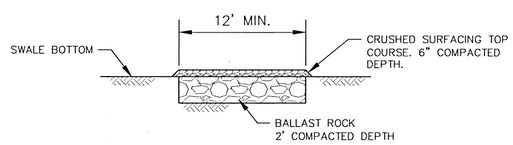
SWALE SECTION A-A

NOT TO SCALE



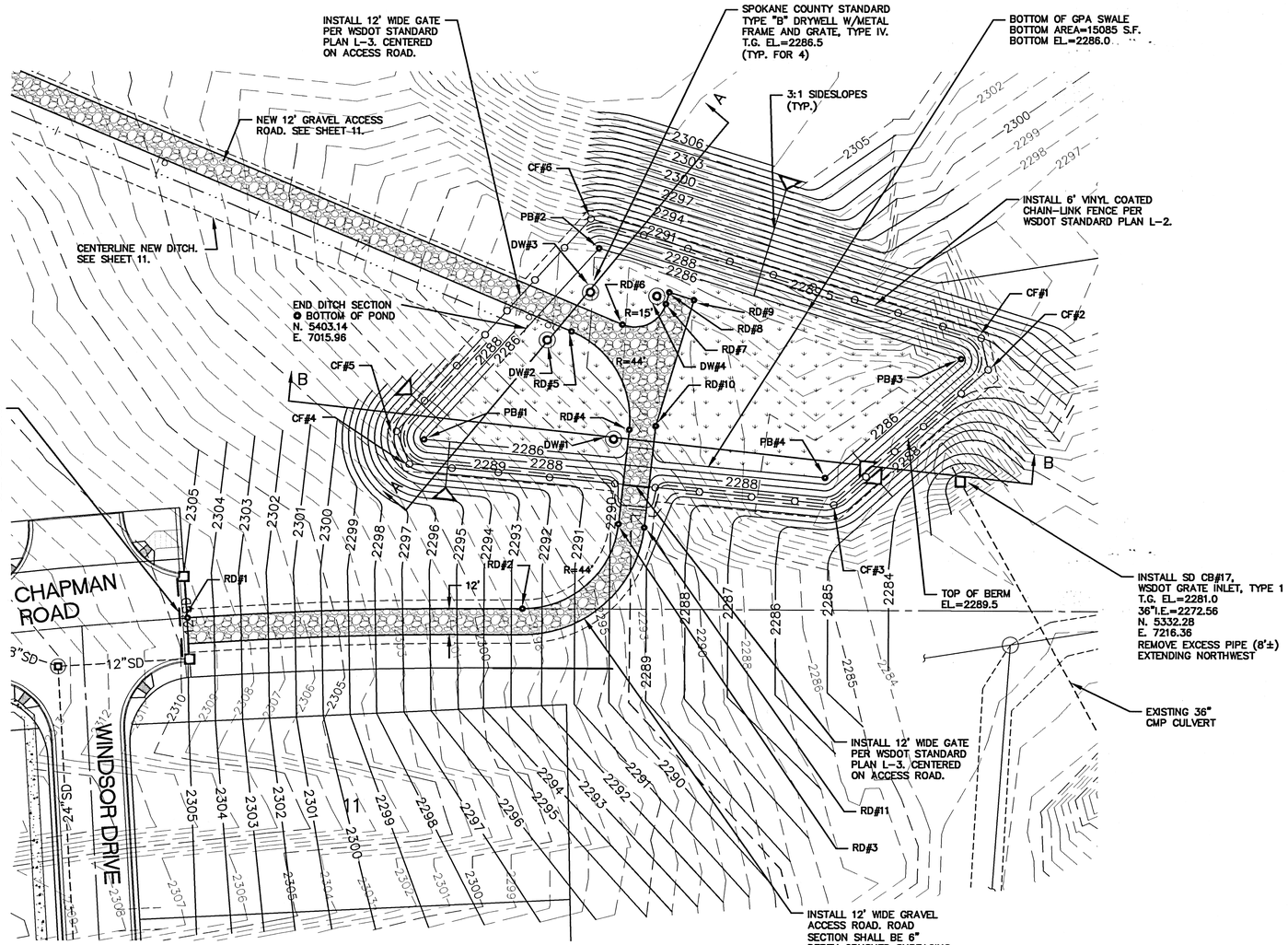
SWALE SECTION B-B

NOT TO SCALE



ACCESS ROAD (SWALE BOTTOM ONLY) SECTION

NOT TO SCALE



ITEM	NORTHING	EASTING
CF#1	5399.00	7226.00
CF#2	5384.31	7229.20
CF#3	5321.65	7158.26
CF#4	5340.35	6962.42
CF#5	5355.57	6956.53
CF#6	5453.84	7045.81
DW#1	5351.97	7056.29
DW#2	5397.94	7025.72
DW#3	5419.94	7045.63
DW#4	5418.15	7076.28

ITEM	NORTHING	EASTING
PB#1	5351.75	6969.27
PB#2	5440.14	7049.58
PB#3	5389.29	7216.71
PB#4	5334.09	7154.22
RD#1	5269.04	6859.58
RD#2	5273.42	7014.39
RD#3	5312.66	7058.59
RD#4	5356.32	7063.60
RD#5	5401.88	7036.97
RD#6	5405.06	7060.34
RD#7	5414.52	7080.51
RD#8	5419.79	7082.12
RD#9	5416.30	7093.60
RD#10	5358.08	7075.88
RD#11	5311.04	7070.49

ABBREVIATIONS

CF=CORNER OF FENCE
DW=DRYWELL
PB=POND BOTTOM
RD=ACCESS ROAD

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #: P1769C
DATE ACCEPTED: 02-27-04
ACCEPTANCE EXPIRES: 02-27-07
PROJECT LANE MILES PUBLIC: 0.5mi
PROJECT LANE MILES PRIVATE: 0
CONSTRUCTION DOCUMENTATION AND CERTIFIED RECORD DRAWINGS, "AS-BUILTS" ARE REQUIRED PRIOR TO COUNTY ACCEPTANCE AND ESTABLISHMENT OF THE ROADS AND DRAINAGE FACILITIES FOR MAINTENANCE.
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UTILITY STATEMENT

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No.	Date	By	Ckd.	Appr.	Revisions
1	2/04	DWC	GRG	MAA	COUNTY COMMENTS 2/11/04

Drawn CWD 01/27/04
Designed GRG 01/27/04
Checked MAA 01/27/04

MARK A. ARONSON — STATE OF WASHINGTON — 24681 — REGISTERED PROFESSIONAL ENGINEER — EXPIRES 03/10/05

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W. 1026 Broadway Ave.
Spokane Wa. 99260
477-3604

Developer's Approval Richard A. Baker for Date 2-26-04

VERTICAL DATUM: REBAR W/YPC, L.S.#1809, ⊙ CENTERLINE OF CHAPMAN RD. 120± EAST OF THE INTERSECTION OF DAYBREAK LANE AND CHAPMAN RD. EL = 2341.84 (NAVD 88)

CADD FILE NAME: 03107SD45

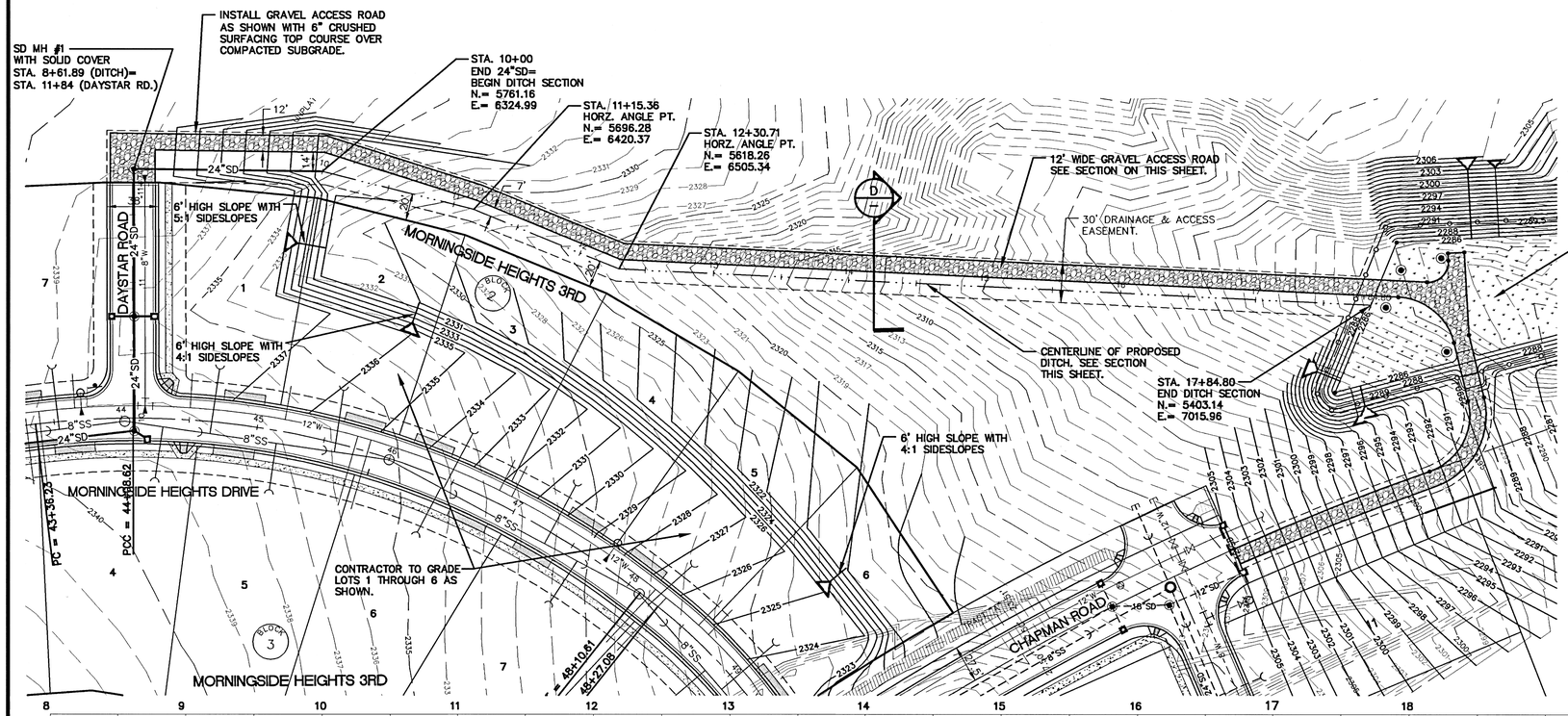
SCALE
HORIZ. 1"=30'
VERT. 1"=10'

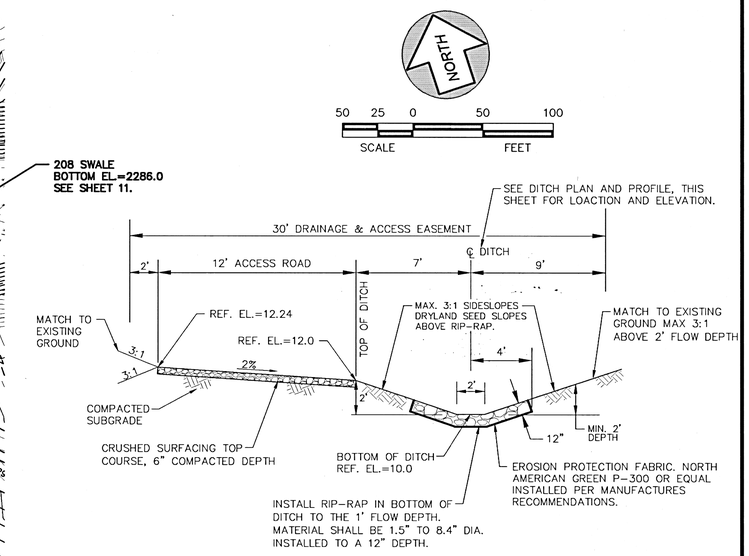
MORNINGSIDE HEIGHTS 3RD ADD.

GPA/DETENTION SWALE PLAN

STORM SHEET 10/12

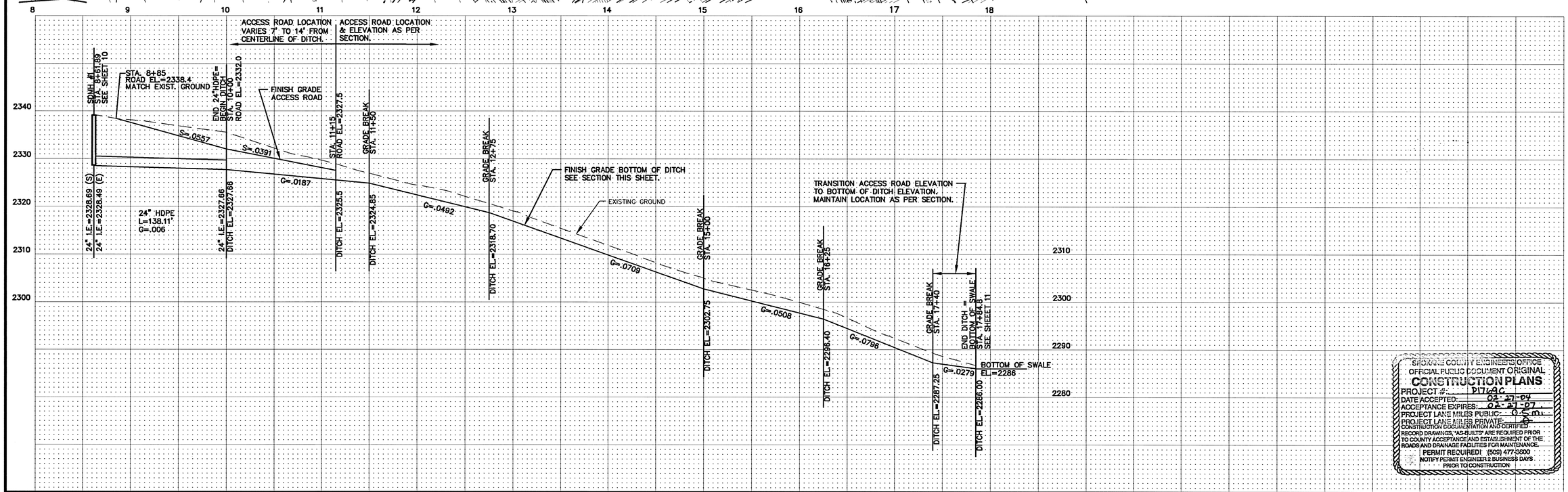
MORNINGSIDE HEIGHTS 3RD ADDITION
S. 30, T.25N., R.45E., W.M.





D — TYPICAL DITCH AND ACCESS ROAD SECTION

NOT TO SCALE



SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #: P1764C
DATE ACCEPTED: 02-27-04
ACCEPTANCE EXPIRES: 02-27-07
PROJECT LANE MILES PUBLIC: 0.5 mi.
PROJECT LANE MILES PRIVATE: 0
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	Ckd.	Appr.	Revisions
1	2/04	DWC	GRG	MAA	COUNTY COMMENTS 2/11/04

		Date
Drawn	CWD	01/27/04
Designed	GRG	01/27/04
Checked	MAA	01/27/04

MARK A. ARONSON — STATE OF WASHINGTON — 24681 — REGISTERED PROFESSIONAL ENGINEER — 2/26/04 — EXPIRES 03/10/05

Taylor Engineering, Inc.
Civil Design and Land Planning
W. 106 Mission Ave.
Spokane, Washington 99201
(509) 328-3371 FAX (509) 328-8224

Developer's Approval Richard F. Bahm president Date 2-26-04

SPOKANE COUNTY PUBLIC WORKS
DIVISION OF UTILITIES
W. 1026 Broadway Ave.
Spokane Wa. 99260
477-3604

VERTICAL DATUM: REBAR W/YPC, L.S.#1809, ⊙ CENTERLINE OF CHAPMAN RD. 120'± EAST OF THE INTERSECTION OF DAYSBREAK LANE AND CHAPMAN RD. EL = 2341.84 (NAVD 88)

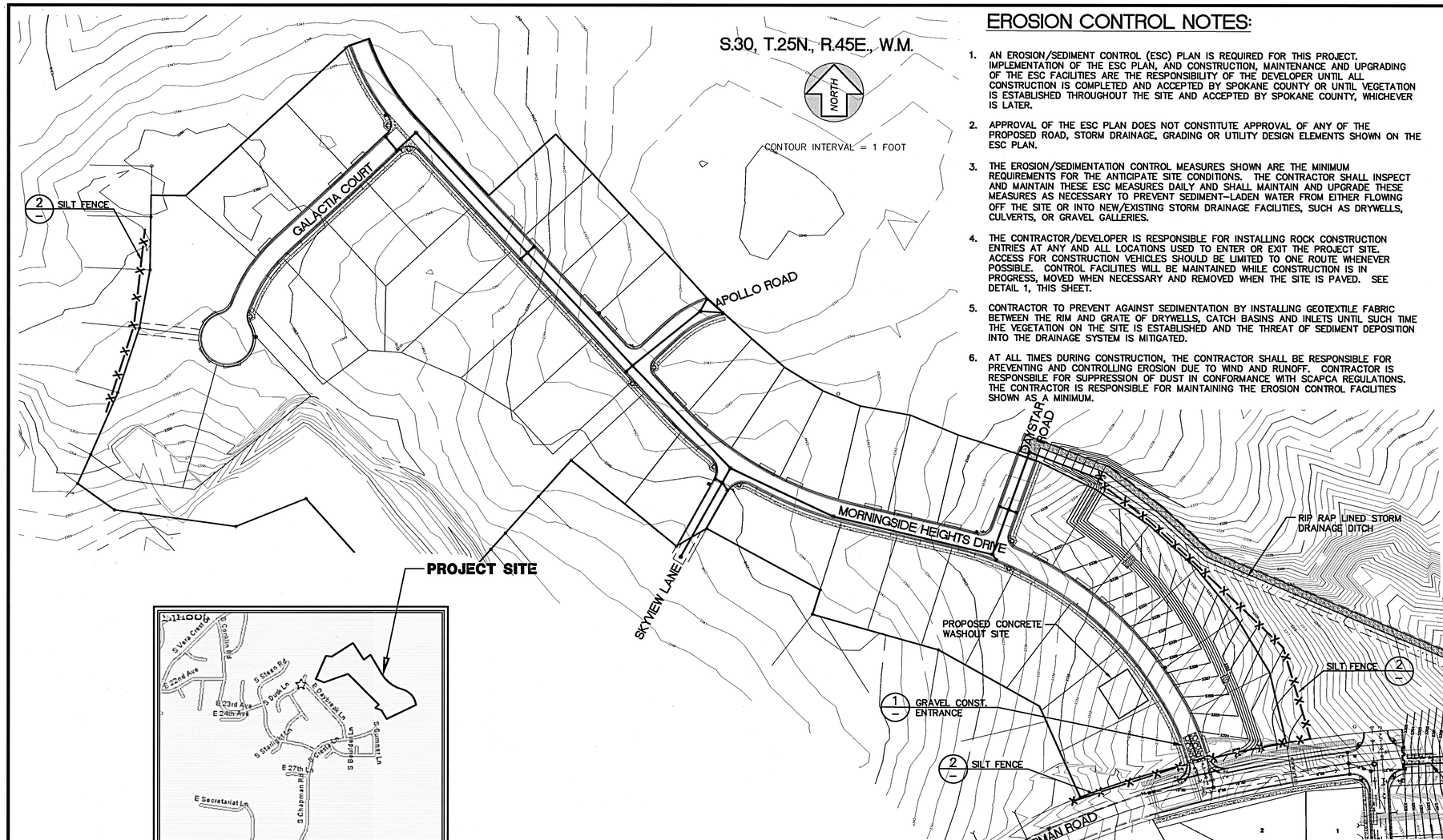
CADD FILE NAME: 03107SD55

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

MORNINGSIDE HEIGHTS 3RD ADD.

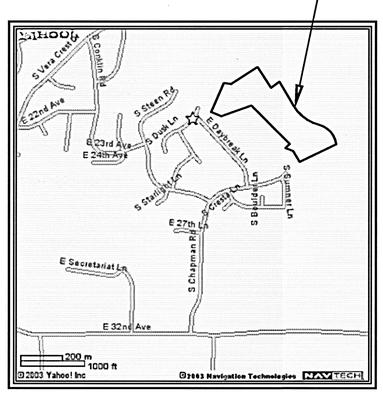
STORM OUTLET PIPE AND DITCH PLAN
STA. 8+61.89 TO STA. 17+84.80

STORM SHEET 11/12



EROSION CONTROL NOTES:

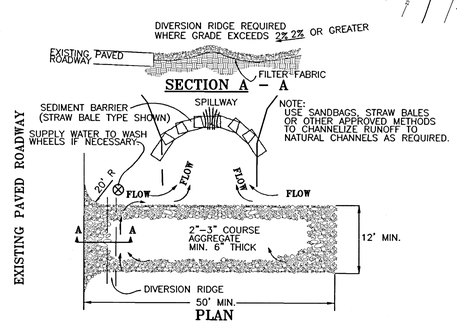
1. AN EROSION/SEDIMENT CONTROL (ESC) PLAN IS REQUIRED FOR THIS PROJECT. IMPLEMENTATION OF THE ESC PLAN, AND CONSTRUCTION, MAINTENANCE AND UPGRADING OF THE ESC FACILITIES ARE THE RESPONSIBILITY OF THE DEVELOPER UNTIL ALL CONSTRUCTION IS COMPLETED AND ACCEPTED BY SPOKANE COUNTY OR UNTIL VEGETATION IS ESTABLISHED 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. SEE DETAIL 1, THIS SHEET.
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. THE CONTRACTOR SHALL INSTALL FILTER FABRIC OVER ALL CATCH BASIN AND DRYWELL GRATES DURING CONSTRUCTION AND PERIODICALLY CLEAN DEBRIS COLLECTED ON FABRIC. IF THE FILTER FABRIC, FOR ANY REASON, IS REMOVED DURING CONSTRUCTION, IT IS THE CONTRACTORS RESPONSIBILITY TO CLEAN OUT THE CATCH BASIN OR DRYWELL AND REPLACE THE FABRIC.
9. THE CONTRACTOR SHALL 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, STORM WATER FACILITY OR WATER BODY, EITHER EXISTING OR PROPOSED. HARDENED WASH CONCRETE SHALL BE BROKEN UP AND REMOVED FROM THE SITE.
10. CONTRACTOR SHALL 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 STORM WATER 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.



VICINITY MAP

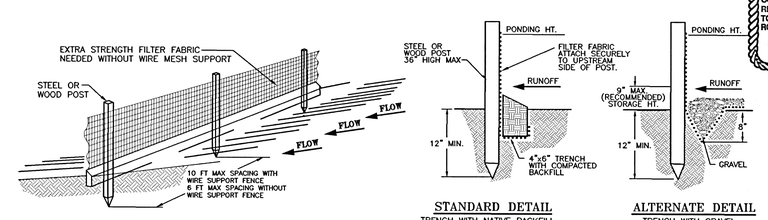
PROPERTY OWNER:	SUMMIT PROPERTIES, INC. 12720 E. NORA, SUITE E SPOKANE, WA 99216-1197
PERMIT APPLICANT:	SUMMIT PROPERTIES, INC. 12720 E. NORA, SUITE E SPOKANE, WA 99216-1197
CONTACT PERSON AT PROJECT SITE:	RICH DAHM PHONE # (509) 928-5777
PROJECT ADDRESS:	CHAPMAN ROAD AND MORNINGSIDE HEIGHTS DRIVE
PROJECT DESCRIPTION:	CONTINUATION OF SINGLE FAMILY RESIDENTIAL DEVELOPMENT INCLUDING PRIVATE ASPHALT ROADS, SEWER AND WATER SYSTEMS
DESCRIPTION OF ESC MEASURES:	ESC MEASURES INCLUDE SILT FENCES, GRAVEL CONSTRUCTION ENTRANCES, AND CONCRETE WASHOUT AREA.
DESCRIPTION OF EXISTING SITE VEGETATION:	THE SITE IS COMPOSED OF FLAT TO ROLLING PASTURE LAND INCLUDING AREAS OF MEADOW GRASS.
LIST OF ON-SITE SOILS:	BsB- BONG AND PHOEBE LOAMY SANDS McC- MARBLE LOAMY SAND
LEGAL DESCRIPTION:	SEE PLAT MAP.

Developer's Approval Richard Dahm pres. Date 2-26-04



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 STABLIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN.

TEMPORARY GRAVEL CONSTRUCTION EXIT/ENTRANCE (1)
NOT TO SCALE



NOTE:
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 OFF-SITE AND CAN BE PERMANENTLY STABILIZED.
3. SILT FENCE SHALL BE PLACED ON SLOPE CONTOURS TO MAXIMIZE PONDING EFFICIENCY.

SILT FENCE (2)
NOT TO SCALE

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #: PI146C
DATE ACCEPTED: 02-27-04
ACCEPTANCE EXPIRES: 02-27-07
PROJECT LANE MILES PUBLIC: 0.6mi
PROJECT LANE MILES PRIVATE: 0
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

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

MARK A. ARONSON — STATE OF WASHINGTON — 24681 — REGISTERED PROFESSIONAL ENGINEER — 2/11/04
EXPIRES 03/10/05

THE EROSION AND SEDIMENT CONTROL MEASURES SHOWN ON THIS PLAN CONFORM TO THE REQUIREMENTS LISTED IN CHAPTER 4.5 OF THE APPLICABLE EDITIONS OF THE GUIDELINES FOR STORMWATER MANAGEMENT AS PUBLISHED BY THE SPOKANE COUNTY DIVISION OF ENGINEERING AND ROADS.

REVISIONS
1. COUNTY REVIEW COMMENTS 2/11/04

DWN: CWD DATE: 1/27/04
CK'D: MAA DATE: 1/27/04

Taylor Engineering, Inc.
Civil Design and Land Planning
W. 106 Mission Ave.
Spokane, Washington 99201
(509) 328-3371 FAX (509) 328-8224

SCALE: 1"=100'

SHEET 12 OF 12

TEMPORARY EROSION AND SEDIMENT CONTROL PLAN

MORNINGSIDE HEIGHTS 3RD ADDITION

CADD FILE: 03107ERO