MORNINGSIDE HEIGHTS 6TH ADDITION

TO THE VISTAS AT MORNINGSIDE HEIGHTS

SPOKANE COUNTY, WASHINGTON

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

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT
ORIGINAL
"AS-BUILTS"
CERTIFIED RECORD DRAWINGS
PROJECT #: P1962C
DATE ACCEPTED: 12/7/11

SCHEDULE OF DRAWINGS

SHEET NO. DESCRIPTION

GENERAL

1 ..... COVER SHEET

ROAD

1.1 ..... ROAD INDEX SHEET
2 ..... DAYSTAR ROAD - STA. 14+43.22 TO STA. 23+21.55
3 ..... INCLINE DRIVE - STA. 11+77.58 TO STA. 14+86.81
SUNDANCE DRIVE - STA. 11+11.28 TO STA. 12+19.69
4 ..... ROAD DETAILS

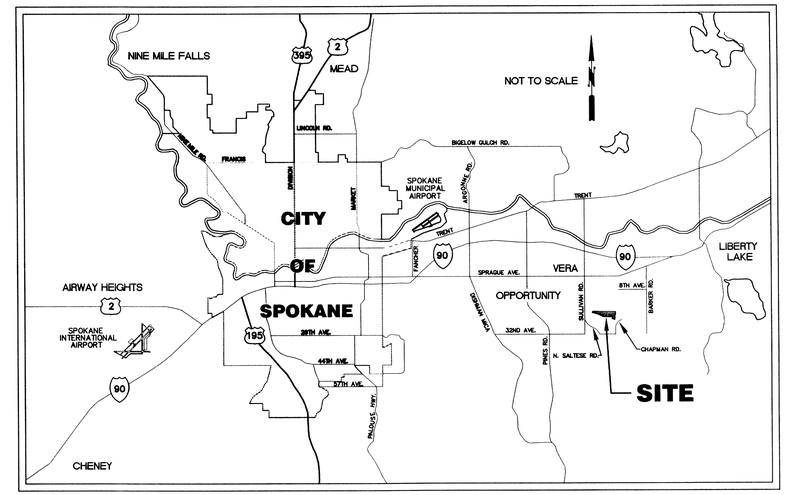
DRAINAGE

5 ..... INCLINE DRIVE - STA. 11+77.59 TO STA. 13+58.41
6 ..... EROSION SEDIMENT CONTROL PLAN
7 ..... EROSION SEDIMENT CONTROL DETAILS

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 "2006 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. PRIOR TO SITE CONSTRUCTION, THE CONTRACTOR IS RESPONSIBLE FOR LOCATING UNDERGROUND UTILITIES. CALL THE UNDERGROUND UTILITY LOCATION SERVICE AT 1-800-424-5555 BEFORE YOU DIG.
3. 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.
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. CONTRACTOR SHALL ALSO MAINTAIN ON THE SITE A COMPLETE SET OF RED LINE RECORD DRAWINGS INDICATING ALL CHANGES FROM THE APPROVED DRAWINGS.
5. 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.
6. 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.
7. 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.
8. 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.
9. 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.
10. 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.
11. CRUSHED SURFACING TOP COURSE SHALL CONFORM TO WSDOT STANDARDS AND COMPACTED TO 95% OF MODIFIED PROCTOR MAXIMUM DENSITY.
12. HOT MIX ASPHALT (HMA) SHALL BE WSDOT HMA CLASS 1/2-INCH W/PERFORMANCE GRADED ASPHALT BINDER PG64-28 AND COMPACTED TO 92% OF THE THEORETICAL MAXIMUM DENSITY AS DETERMINED BY THE RICE METHOD.
13. 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.
14. 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.
15. 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%.
16. FOR CONSTRUCTION OF DRYWELLS, INSTALL FILTER FABRIC (AMOCO 4545 OR APPROVED EQUIVALENT) BETWEEN THE WASHED DRAIN ROCK AND THE NATIVE SOIL.
17. 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.
18. THE CONTRACTOR SHALL EMPLOY A LICENSED SURVEYOR TO VERIFY THAT THE CROSS-GUTTER FORMS ARE AT THE CORRECT PLANE GRADE PRIOR TO CONCRETE PLACEMENT. THE CROSS-GUTTER SHALL BE CONSTRUCTED PRIOR TO PAVING, AND THE PAVEMENT SHALL THEN MATCH THE EDGE OF CONCRETE GUTTER.
19. ONSITE GRADING SHALL BE IN ACCORDANCE WITH THE APPROVED GRADING PLAN AND ESC PLAN. ANY IMPORT OR EXPORT OF MATERIAL SHALL BE FROM A PREAPPROVED SOURCE/DESTINATION AND COORDINATED WITH THE SPOKANE COUNTY DEPARTMENT OF BUILDING AND PLANNING AT 477-3675. GRADING ON THIS SITE OR ANY OTHER SITE MUST COMPLY WITH ALL DEVELOPMENT REGULATIONS INCLUDING, BUT NOT LIMITED TO, GRADING PERMITS, SEPA REVIEW, TIMBER HARVEST PERMITS, CRITICAL AREAS, FLOODPLAINS, DESIGNATED DRAINAGEWAYS, ECT.

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



LOCATION MAP

LEGEND

	PLAT BOUNDARY		PLAT BOUNDARY
	EXISTING LOT LINE		PROPOSED LOT LINES
2285	EXISTING CONTOUR		PROPOSED CURB & GUTTER
	EASEMENT LINE		PROPOSED SIDEWALK
BT	EXISTING BURIED TELEPHONE	W	PROPOSED WATER LINE
			PROPOSED WATER SERVICE
G	EXISTING BURIED GAS PIPELINE	SS	PROPOSED SANITARY SEWER
OE	EXISTING OVERHEAD ELECTRICAL		PROPOSED SANITARY SEWER SERVICE
x — x — x — x	EXISTING FENCE	SD	PROPOSED STORM DRAIN LINE
W	EXISTING WATER LINE		PROPOSED DRAINAGE FLOW
SS	EXISTING SEWER LINE	2160	FINISH CONTOUR
SD	EXISTING STORM DRAIN LINE	2300	FINISH GRADE ELEVATION
	EXISTING WATER VALVE		PROPOSED WATER VALVE
	EXISTING WATER FITTING (TYP.)		PROPOSED WATER FITTING (TYP.)
	EXISTING WATER METER AND SERVICE		PROPOSED CONCRETE THRUST BLOCK
	EXISTING FIRE HYDRANT		PROPOSED FIRE HYDRANT
	EXISTING SS MANHOLE		PROPOSED SS MANHOLE
CB	EXIST. CATCH BASIN		PROPOSED STORM CATCH BASIN
	EXISTING STORM MANHOLE		PROPOSED STORM MANHOLE
DW	EXIST. DRYWELL		PROPOSED DRYWELL
CO	EXISTING CLEAN OUT		PROPOSED CLEAN OUT
	EXISTING SIGN		PROPOSED SIGN
			PROPOSED CURB INLET
			T.B.M.

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

Developer's Approval _____ *Date* _____

MARK A. ARONSON — STATE OF WASHINGTON — 24681 — REGISTERED PROFESSIONAL ENGINEER
12/6/11

REVISIONS			
1	4/6/11	LDG	LOT REVISIONS
	12/1/11	SMB	RECORD DRAWING

DWN: DJJ DATE: 10/07
CK'D: MAA DATE: 10/07

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

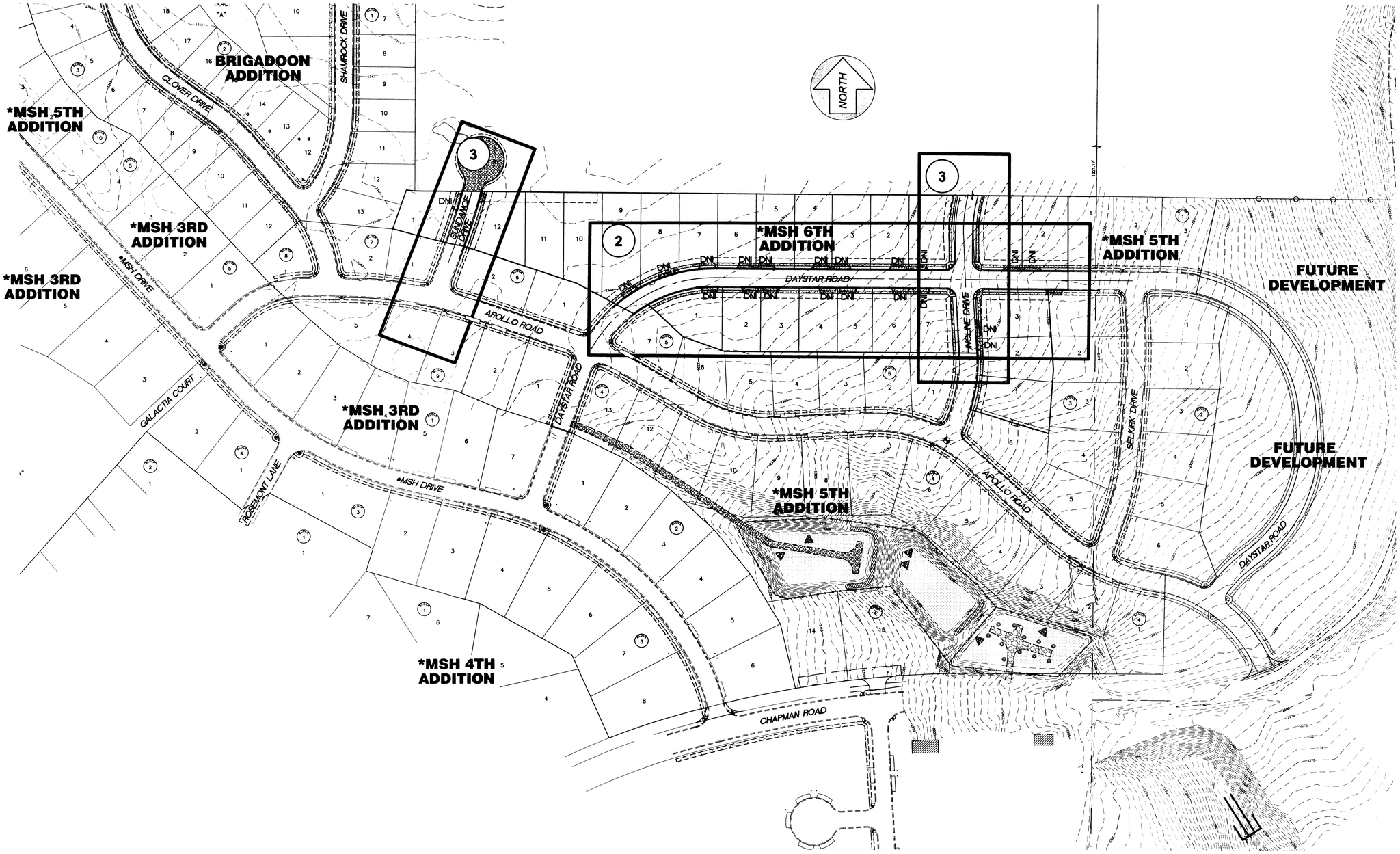
SCALE: N/A

MORNINGSIDE HEIGHTS
SIXTH ADDITION
COVER SHEET

RD07035(1)-COVER.dwg

P-1962C ENG "As Builts"

SEC.30, T.25 N., R. 45 EAST, W.M.



SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT
ORIGINAL
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CERTIFIED RECORD DRAWINGS
PROJECT #: P1962C
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ABBREVIATIONS

*MSH	MORNINGSIDE HEIGHTS
DNI	DRIVEWAY APRON FROM CURB TO SIDEWALK WAS NOT INSTALLED

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

No.	Date	By	Ckd.	Appr.	Revisions
1	4/6/11			LDG	LOT REVISIONS
2	12/1/11	BDB	SMB	MAA	RECORD DRAWING

Drawn: DJJ 10/07
Designed: BAN 10/07
Checked: MAA 10/07

MARK A. ARONSON — STATE OF WASHINGTON — 24681 — REGISTERED PROFESSIONAL ENGINEER — 12/6/11

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Developer's Approval: _____ Date: _____

SPOKANE COUNTY PUBLIC WORKS
DIVISION OF ENGINEERING AND ROADS
W. 1026 Broadway Ave.
Spokane Wa. 99260
509-477-3600

VERTICAL DATUM: #4 REBAR WITH YPC SET AT INTERSECTION OF INCLINE DRIVE AND APOLLO ROAD. EL.=2319.23 (NAVD 88)

CADD FILE NAME: RD07035(1.1)-INDEX.dwg

100 50 0 100 200
SCALE FEET

SCALE
HORIZ. 1"=100'
VERT. N/A

MORNINGSIDE HEIGHTS SIXTH ADDITION

MORNINGSIDE HEIGHTS
SIXTH ADDITION
ROAD INDEX

ROAD
SHEET 1.1 / 7

P-1962C ENG "As Builts"

LP1962C-RP-1.1.PR

SEC.30, T.25 N., R. 45 EAST, W.M.

UNDERGROUND SERVICE ALERT
ONE-CALL NUMBER
1-800-424-5555
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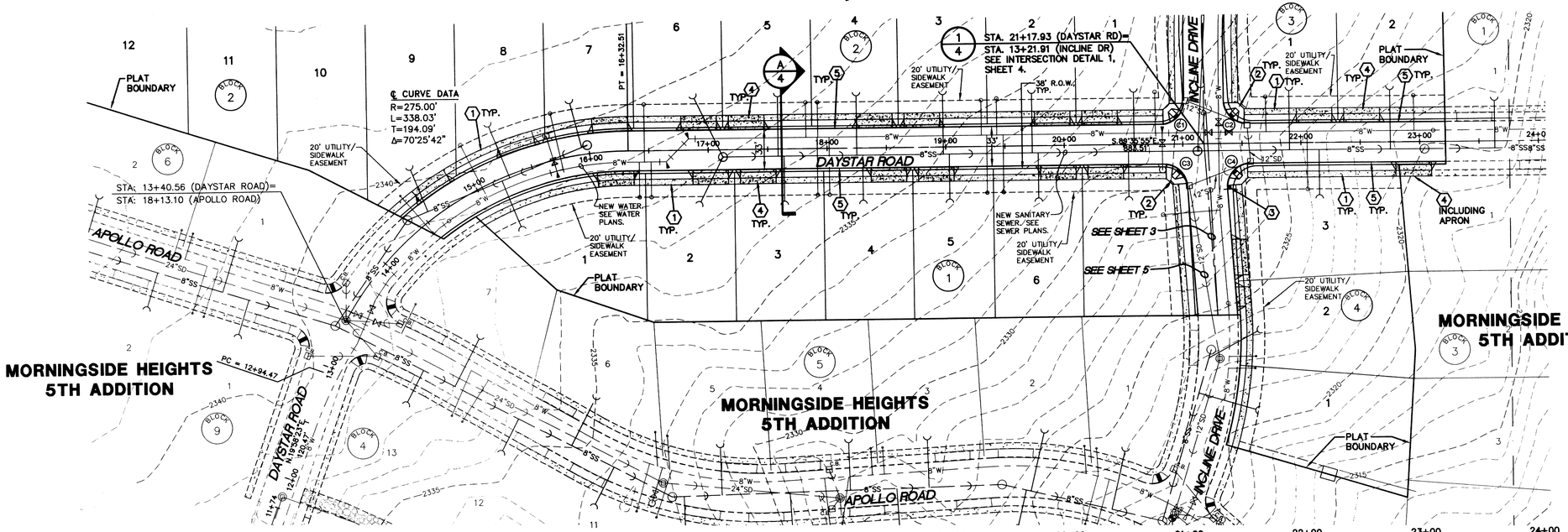


NORTH

NAVD 88 DATUM

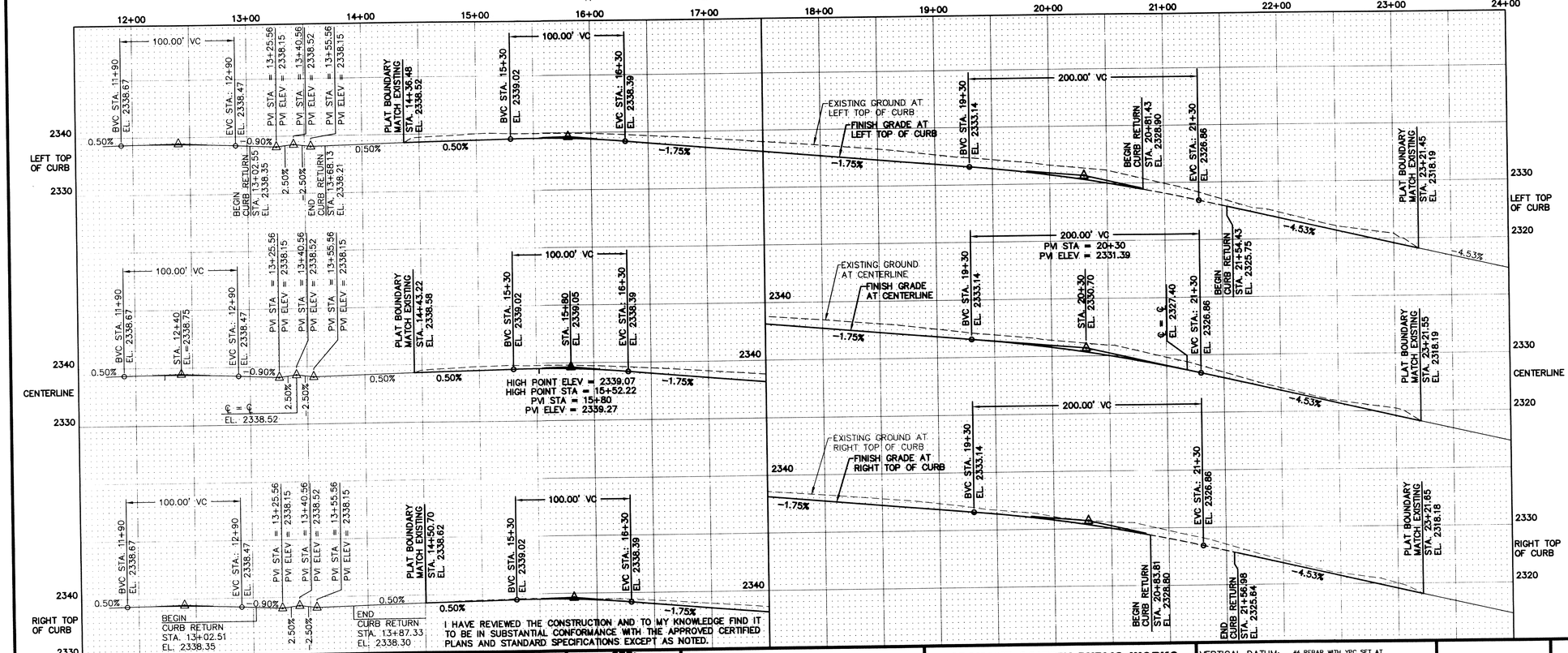
CURVE TABLE AT FACE OF CURB

CURVE	RADIUS	LENGTH	DELTA
C1	20.00'	31.42'	90°00'00"
C2	20.00'	31.42'	90°00'00"
C3	20.00'	30.07'	86°07'49"
C4	20.00'	32.77'	93°52'11"

CONSTRUCTION NOTES

ALL DETAILS SHALL BE PER SPOKANE COUNTY STANDARDS UNLESS OTHERWISE NOTED.

1. 5' WIDE CONCRETE SIDEWALK PER STANDARD SHEET A-4.
2. WHEEL CHAIR RAMP PER STANDARD SHEET A-5, DESIGN 'B'.
3. SIGN POST W/STREET SIGN PER STANDARD SHEET A-16.
4. 30' WIDE DRIVEWAY PER SPOKANE COUNTY STD. PLAN A-4. APRON FROM CURB TO SIDEWALK NOT INSTALLED UNLESS NOTED OTHERWISE. APRON TO BE INSTALLED BY BUILDER PER REFERENCED STD. PLAN.
5. SPOKANE COUNTY TYPE "B" CONCRETE CURB AND GUTTER PER STANDARD PLAN A-3.



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No.	Date	By	Ckd.	Appr.	Revisions
1	2/22/11			LDG	LOT REVISIONS
2	12/1/11	BDB	SMB	MAA	RECORD DRAWING

Drawn: DJJ Date 10/07
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Developer's Approval: Date:

VERTICAL DATUM: #4 REBAR WITH YPC SET AT INTERSECTION OF INCLINE DRIVE AND APOLLO ROAD. EL.=2319.23 (NAVD 88)

CADD FILE NAME: RD07035(2)-DAYSTAR RD.dwg

50 25 0 50 100
SCALE FEET

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

MORNINGSIDE HEIGHTS SIXTH ADDITION

DAYSTAR ROAD
STA. 14+43.22 TO STA. 23+21.55

ROAD
SHEET 2 / 7

P-1962c ENG "As Builts"

LP1962C-PP-02.PB

SEC.30, T.25 N., R. 45 EAST, W.M.

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ONE-CALL NUMBER
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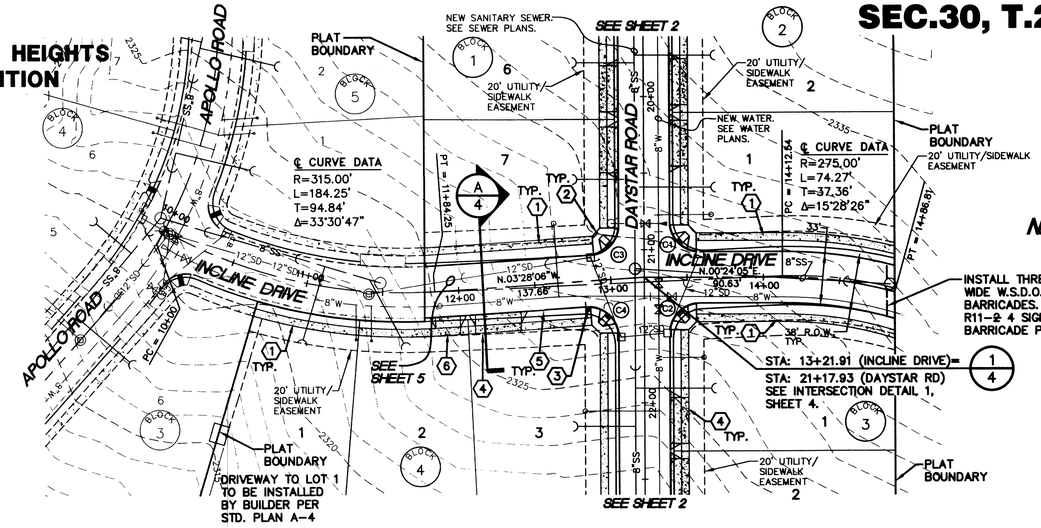

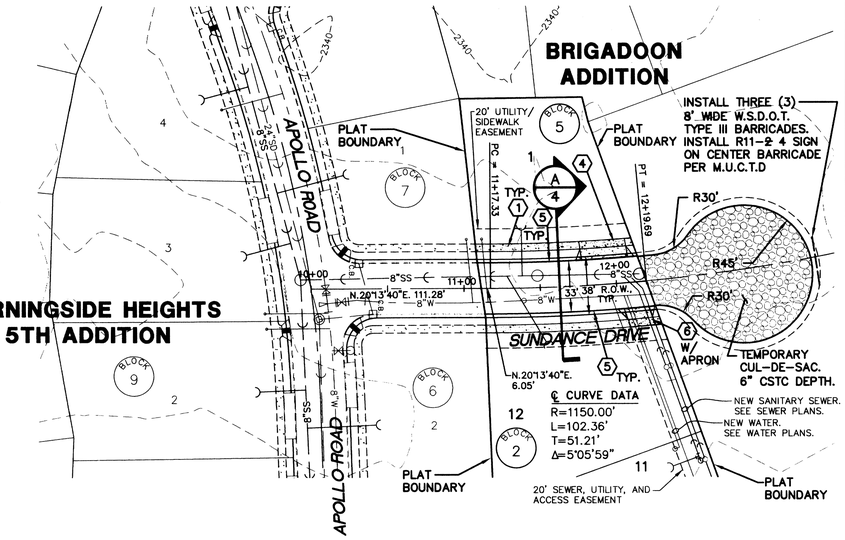

CURVE TABLE AT FACE OF CURB

CURVE	RADIUS	LENGTH	DELTA
C1	20.00'	31.42'	90°00'00"
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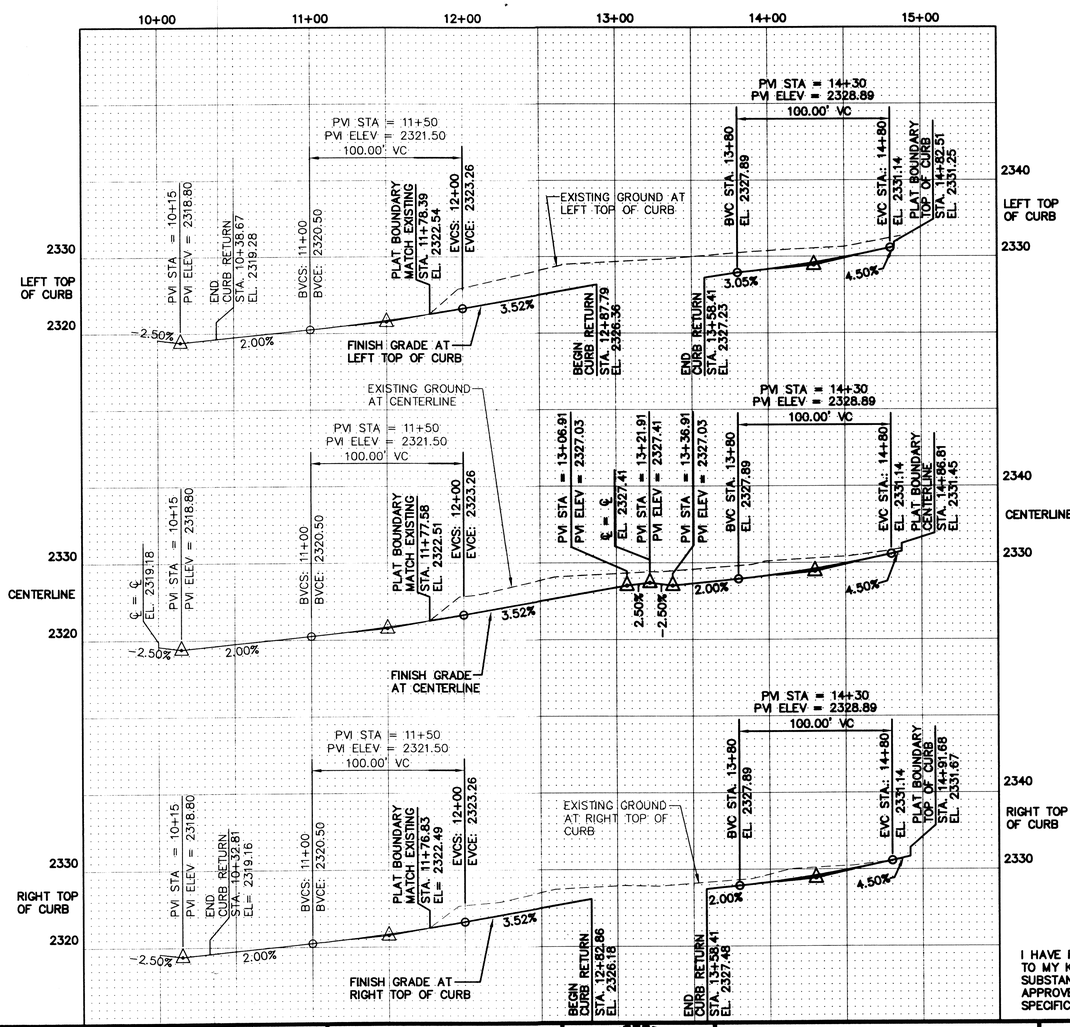

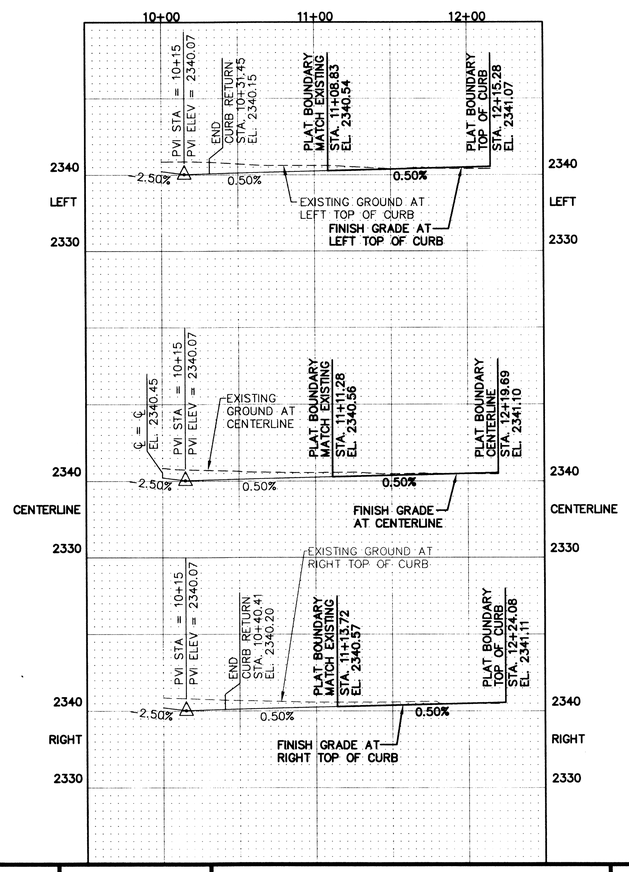

CONSTRUCTION NOTES

ALL DETAILS SHALL BE PER SPOKANE COUNTY STANDARDS UNLESS OTHERWISE NOTED.

1. 5' WIDE CONCRETE SIDEWALK PER STANDARD SHEET A-4.
2. WHEEL CHAIR RAMP PER STANDARD SHEET A-5, DESIGN 'B'.
3. SIGN POST W/STREET SIGN PER STANDARD SHEET A-16.
4. 30' WIDE DRIVEWAY PER SPOKANE COUNTY STD. PLAN A-4. APRON FROM CURB TO SIDEWALK NOT INSTALLED UNLESS NOTED OTHERWISE. APRON TO BE INSTALLED BY BUILDER PER REFERENCED STD. PLAN.
5. SPOKANE COUNTY TYPE "B" CONCRETE CURB AND GUTTER PER STANDARD PLAN A-3.
6. 16' WIDE DRIVEWAY PER SPOKANE COUNTY STD. PLAN A-4. APRON FROM CURB TO SIDEWALK NOT INSTALLED UNLESS NOTED OTHERWISE. APRON TO BE INSTALLED BY BUILDER PER REFERENCED STD. PLAN.

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1	4/6/11			LDG	LOT REVISIONS
1	12/1/11	BDB	SMB	MAA	RECORD DRAWING

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Designed: BAN 10/07
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MARK A. ARONSON — STATE OF WASHINGTON — 24681 — REGISTERED PROFESSIONAL ENGINEER — 12/6/11

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509-477-3600

Developer's Approval: _____ Date: _____

VERTICAL DATUM: #4 REBAR WITH YPC SET AT INTERSECTION OF INCLINE DRIVE AND APOLLO ROAD. EL.=2319.23 (NAVD 88)

CADD FILE NAME: RD07035(3)-SUND-INCL.dwg

50 25 0 50 100
SCALE FEET

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

MORNINGSIDE HEIGHTS SIXTH ADDITION

INCLINE DRIVE
STA. 11+77.58 TO STA. 14+86.81

SUNDANCE DRIVE
STA. 11+11.28 TO STA. 12+19.69

ROAD
SHEET 3 / 7

P-1962C EN6 "As Builts"

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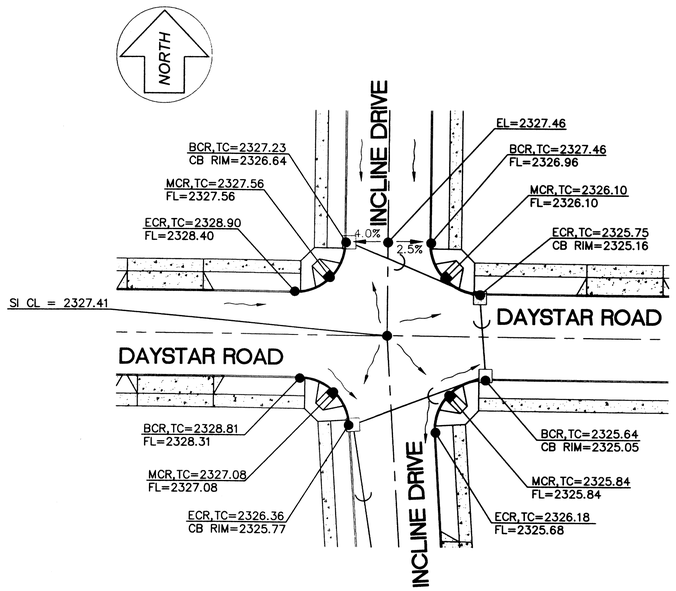
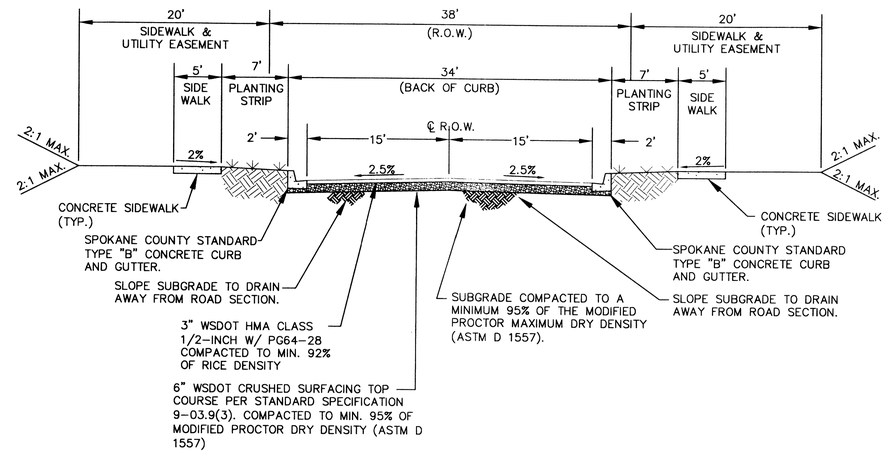


1 / 2.3 INTERSECTION - DAYSTAR ROAD / INCLINE DRIVE
SCALE: 1" = 30'



A / 2.3 TYPICAL ROAD SECTION
N.T.S.

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12/6/11

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509-477-3600

Developer's Approval: _____ Date: _____

VERTICAL DATUM: #4 REBAR WITH YPC SET AT INTERSECTION OF INCLINE DRIVE AND APOLLO ROAD. EL.=2319.23 (NAVD 88)
CADD FILE NAME: RD07035(4)-DET.dwg
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SCALE FEET

SCALE
HORIZ. 1"=30'
VERT. N/A

MORNINGSIDE HEIGHTS SIXTH ADDITION
ROAD DETAILS
ROAD
SHEET 4 / 7

P-1962C ENG "As Builts"

LP1962C-DT-04 RB

SEC.30, T.25 N., R. 45 EAST, W.M.

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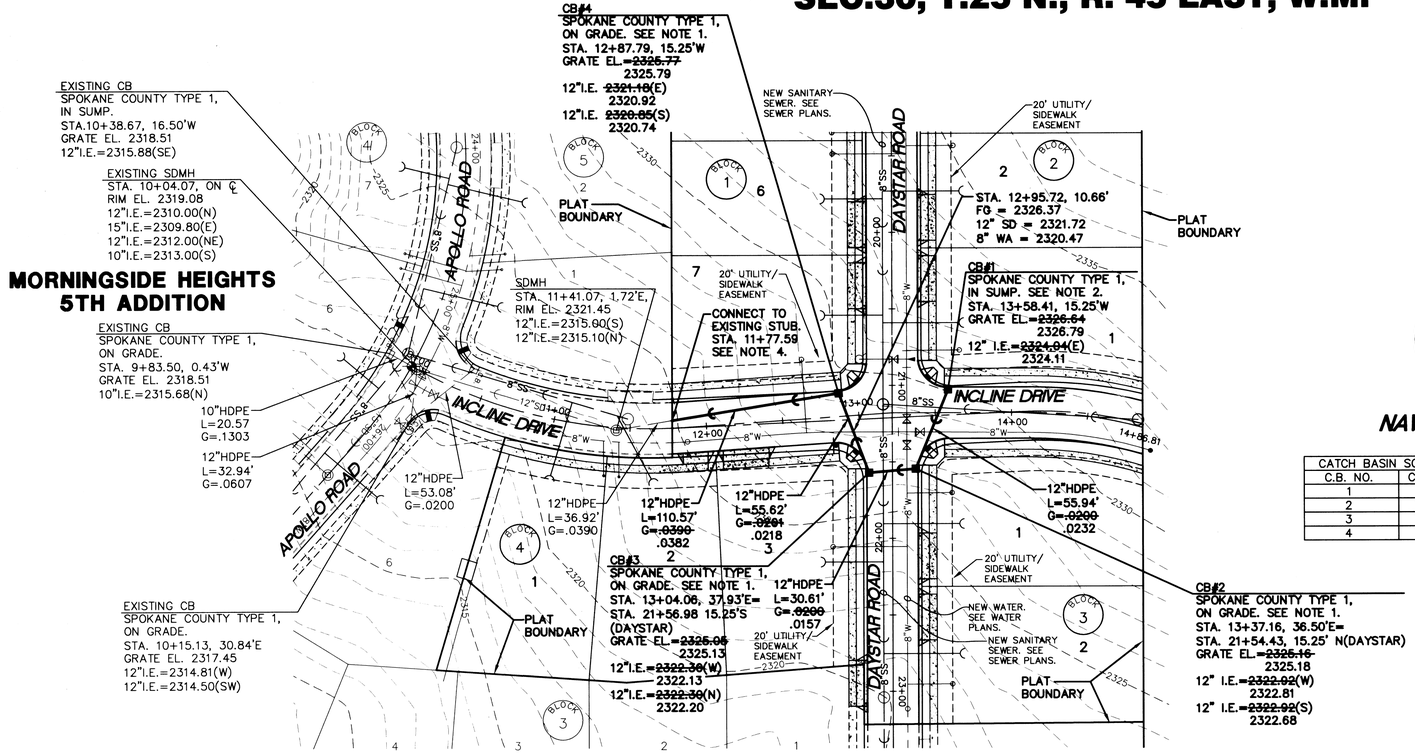
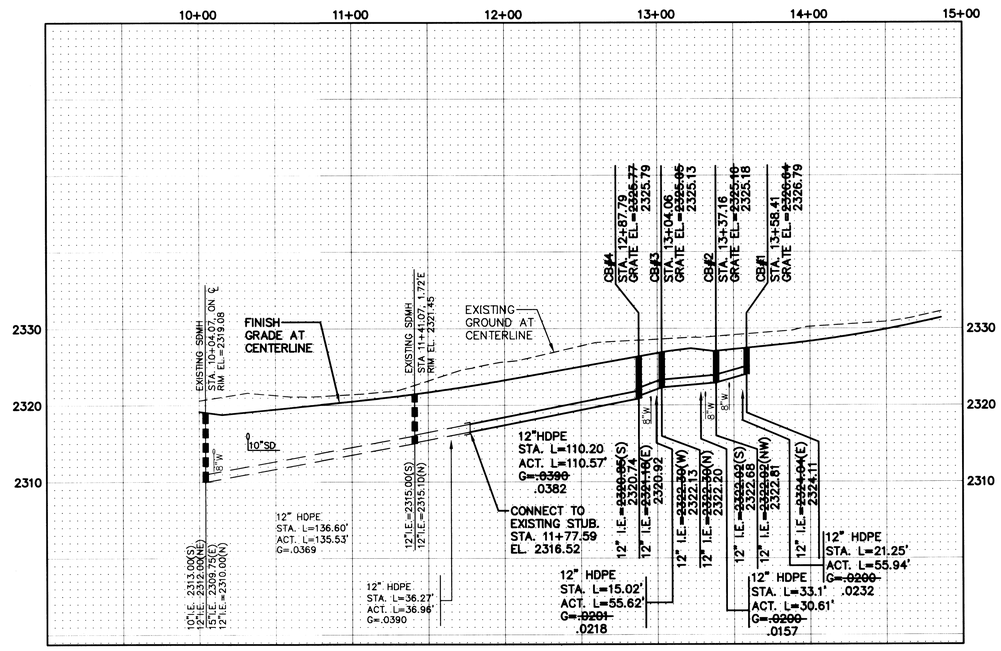


NAVD 88 DATUM

CATCH BASIN SCHEDULE		COORDINATES	
C.B. NO.	C.B. TYPE	NORTHING	EASTING
1	TYPE 1	6128.86	6963.56
2	TYPE 1	6107.25	7015.16
3	TYPE 1	6076.73	7017.50
4	TYPE 1	6057.28	6965.40

MORNINGSIDE HEIGHTS 5TH ADDITION



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NOTES:

1. SPOKANE COUNTY TYPE 1 CATCH BASIN, ON GRADE, PER SPOKANE COUNTY STD. PLAN B-4 WITH A TYPE 1 METAL FRAME PER STD. PLAN B-10 AND A TYPE 1 METAL GRATE PER STD. PLAN B-12.
2. SPOKANE COUNTY TYPE 1 CATCH BASIN, IN SUMP CONDITION, PER SPOKANE COUNTY STD. PLAN B-4 WITH A TYPE 2 METAL FRAME PER STD. PLAN B-11 AND A TYPE 3 METAL GRATE PER STANDARD PLAN B-14.
3. CATCH BASIN OFFSET DISTANCES NOTED ARE FROM ROAD CENTERLINE TO 1.25' INSIDE FACE OF CURB. CONTRACTOR SHALL ADJUST THIS DISTANCE FOR PROPER INSTALLATION OF CATCH BASIN PER STD. PLAN B-7.
4. CONTRACTOR TO VERIFY LOCATION AND ELEVATION OF EXISTING STORM PIPE PRIOR TO INSTALLATION OF ANY COMPONANT OF THE STORM SYSTEM.

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

No.	Date	By	Ckd.	Appr.	Revisions
1	4/6/11			LDG	LOT REVISIONS
2	12/1/11	BDB	SMB	MAA	RECORD DRAWING

		Date
Drawn:	DJJ	10/07
Designed:	BAN	10/07
Checked:	MAA	10/07

MARK A. ARONSON — STATE OF WASHINGTON — 24681 — REGISTERED PROFESSIONAL ENGINEER — 12/6/11

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: _____ Date: _____

SPOKANE COUNTY PUBLIC WORKS
DIVISION OF ENGINEERING AND ROADS
W. 1026 Broadway Ave.
Spokane Wa. 99260
509-477-3600

VERTICAL DATUM: #4 REBAR WITH YPC SET AT INTERSECTION OF INCLINE DRIVE AND APOLLO ROAD. EL.=2319.23 (NAVD 88)

CADD FILE NAME: SD07035(5)-INCLINE DR.dwg

50 25 0 50 100
SCALE FEET

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

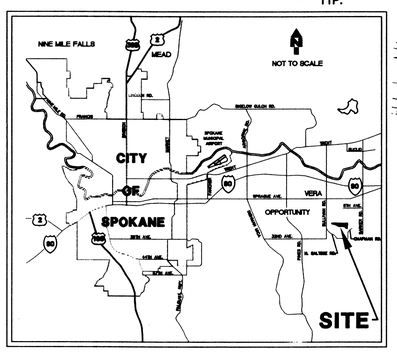
MORNINGSIDE HEIGHTS SIXTH ADDITION

INCLINE DRIVE
STA. 11+77.59 TO STA. 13+58.41

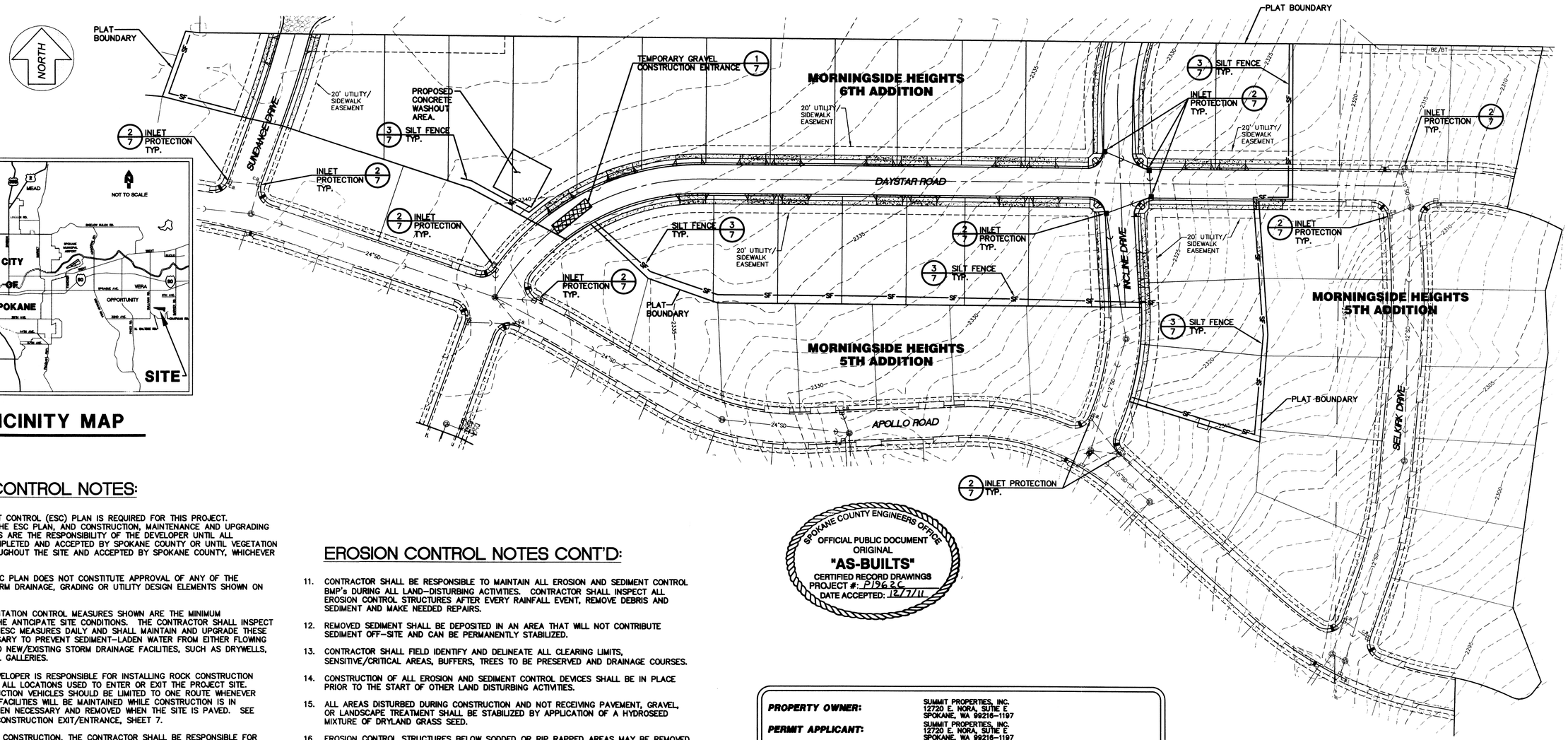
STORM SHEET 5 / 7

P-1962 C ENG "As Builts"
P1962C-PP-05-PB

SEC.30, T.25 N., R. 45 EAST, W.M.



VICINITY MAP



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 TEMPORARY GRAVEL CONSTRUCTION EXIT/ENTRANCE, SHEET 7.
5. 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.
6. 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.
7. 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.
8. GEOTEXTILE FABRIC IS TO BE PLACED ON THE RIMS 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.
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.

EROSION CONTROL NOTES CONT'D:

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.
20. ONSITE GRADING SHALL BE IN ACCORDANCE WITH THE APPROVED GRADING PLAN AND ESC PLAN. ANY IMPORT OR EXPORT OF MATERIAL SHALL BE FROM A PREAPPROVED SOURCE/DESTINATION AND COORDINATED WITH THE SPOKANE COUNTY DEPARTMENT OF BUILDING AND PLANNING AT 477-3675. GRADING ON THIS SITE OR ANY OTHER SITE MUST COMPLY WITH ALL DEVELOPMENT REGULATIONS INCLUDING, BUT NOT LIMITED TO, GRADING PERMITS, SEPA REVIEW, TIMBER HARVEST PERMITS, CRITICAL AREAS, FLOODPLAINS, DESIGNATED DRAINAGEWAYS, ECT.

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT
ORIGINAL
"AS-BUILTS"
CERTIFIED RECORD DRAWINGS
PROJECT #: P1962C
DATE ACCEPTED: 12/7/11

PROPERTY OWNER:	SUMMIT PROPERTIES, INC. 12720 E. NORA, SUTIE E SPOKANE, WA 99216-1197
PERMIT APPLICANT:	SUMMIT PROPERTIES, INC. 12720 E. NORA, SUTIE E SPOKANE, WA 99216-1197
CONTACT PERSON AT PROJECT SITE:	RICH DAHM PHONE # (509) 928-5777
PROJECT ADDRESS:	APOLLO ROAD AND DAYSTAR ROAD
PROJECT DESCRIPTION:	CONTINUATION OF SINGLE FAMILY RESIDENTIAL DEVELOPMENT INCLUDING PUBLIC ASPHALT ROADS, SEWER AND WATER SYSTEMS
DESCRIPTION OF ESC MEASURES:	ESC MEASURES INCLUDE SILT FENCES, INLET PROTEXTION FABRIC, 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 AND SPARSE PINE TREES.
LIST OF ON-SITE SOILS:	BaB- BONG AND PHOEBE LOAMY SANDS MoC- MARBLE LOAMY SAND PsA- PHOEBE SANDY LOAM HvC- HESSELTINE VERY ROCKY COMPLEX
LEGAL DESCRIPTION:	SEE PLAT MAP.

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

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

No.	Date	By	Ckd.	Appr.	Revisions
1	4/6/11			LDG	LOT REVISIONS
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Drawn:	DJJ	10/07
Designed:	BAN	10/07
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MARK A. ARONSON, STATE OF WASHINGTON, 24681, REGISTERED PROFESSIONAL ENGINEER — 12-6-11

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CADD FILE NAME: SD07035(6)-ERO.dwg

60 30 0 60 120
SCALE FEET

SCALE
HORIZ. 1"=60'
VERT. N/A

MORNINGSIDE HEIGHTS SIXTH ADDITION

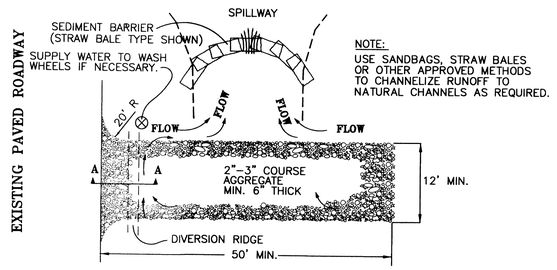
EROSION SEDIMENT CONTROL PLAN

STORM SHEET 6 / 7

P-1962 C ENG "As Builts"

LP1962C Dwg. 06-08

SECTION A-A



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

PLAN

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.

1/6 TEMPORARY GRAVEL CONSTRUCTION EXIT/ENTRANCE

NOT TO SCALE

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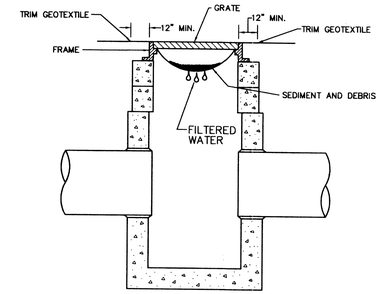


CROSS SECTION

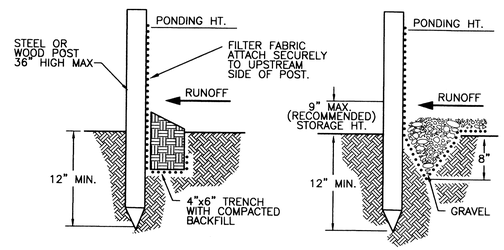
NOT TO SCALE

NOTE:

1. PERFORM MAINTENANCE IN ACCORDANCE WITH WSDOT STANDARD SPECIFICATION 8-01.3(15).

2/6 STORM DRAIN INLET PROTECTION TYPE 1

NOT TO SCALE

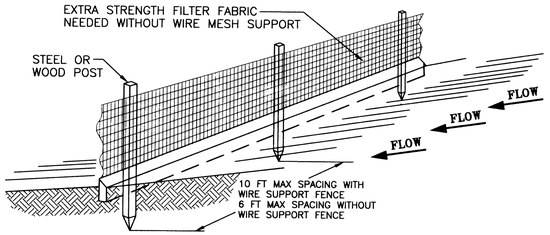


STANDARD DETAIL

TRENCH WITH NATIVE BACKFILL

ALTERNATE DETAIL

TRENCH WITH GRAVEL



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.

3/6 SILT FENCE DETAIL

NOT TO SCALE

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SCALE FEET

SCALE
HORIZ. N/A
VERT. N/A

MORNINGSIDE HEIGHTS SIXTH ADDITION

EROSION SEDIMENT CONTROL DETAILS

STORM SHEET 7/7

P-1962C ENG "As Built"

P1962C - Drawing 07-08