WELLINGTON HEIGHTS RECORD DRAWING

~~3rd ADDITION PHASE 2~~

4TH ADDITION STREET PLANS

NE 1/4 of SECTION 29, T.27 N., R.43 E., W.M.
SPOKANE COUNTY, WASHINGTON

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

VICINITY MAP

PROJECT CONTACTS

CLIENT CONTACT	LANTZ & DOUGLAS CONSTRUCTION (509) 487-1291 (FX) 487-4861	GOVERNING AGENCY	SPOKANE COUNTY ENGINEERS (509) 477-3600 (FX) 477-7426
PROJECT ENGINEER	MOUNTAIN CREST ENTERPRISES, INC. DANIEL R. WOLF, P.E. (509) 468-1594 (FX) 468-1514	WATER PURVEYOR	WHITWORTH WATER DISTRICT NO. 2 DOUG BABB (509) 466-7511

LEGEND

EXISTING | PROPOSED

SURFACE FEATURES
- PLAT BOUNDARY
- LOT LINE
- RIGHT-OF-WAY LINE
- PROPERTY LINE
- CURB LINE
- CURB LINE
- SIDEWALK
- EDGE OF PAVEMENT
- EDGE OF GRAVEL
- DITCH LINE
- TOP OF BANK
- BUILDINGS/STRUCTURES
- CONTOUR (MAJOR)
- CONTOUR (MINOR)

SANITARY SEWER
- SEWER MAIN (w/ Flow)
- SEWER MANHOLE
- CLEAN-OUT
- SDC SERVICE

WATER
- WATER MAIN
- VALVE
- HYDRANT
- BLOW-OFF ASSEMBLY
- AIR/VACUUM RELIEF ASSEMBLY

STORM DRAINAGE
- CATCH BASIN
- DRAIN INLET
- MANHOLE
- DETENTION

UTILITIES
- GAS MAIN
- POWER LINE
- TELEPHONE
- POWER VAULT
- POWER/LIGHT POLE

GENERAL NOTES – STREET/DRAINAGE

GENERAL:

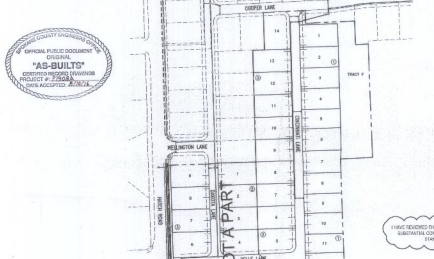
1. ALL WORK AND MATERIALS SHALL BE IN CONFORMANCE WITH THE "SPOKANE COUNTY STANDARDS FOR ROAD AND SEWER CONSTRUCTION" (SSR), AND AS AMENDED.
2. LOCATIONS OF EXISTING UTILITIES SHOWN IN THESE PLANS ARE APPROXIMATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES. ANY CONFLICTING UTILITIES SHALL BE RELOCATED PRIOR TO CONSTRUCTION OF ROAD AND DRAINAGE FACILITIES.
3. THE CONTRACTOR IS REQUIRED TO HAVE A COMPLETE SET OF THE ACCEPTED ROAD AND DRAINAGE PLANS ON THE JOB SITE WHENEVER CONSTRUCTION IS IN PROGRESS.
4. IF THE CONTRACTOR DISCOVERS ANY DISCREPANCIES BETWEEN THE PLANS AND PHYSICAL CONDITIONS OR IMPOSSIBLE TO ACCOMPLISH, IMMEDIATELY NOTIFY THE DESIGN ENGINEER AND THE SPOKANE COUNTY ENGINEERS, IMMEDIATELY.
5. FOR CONSTRUCTION OF DRYWELLS, INSTALL FILTER FABRIC (MADICO 4545 OR APPROVED EQUIVALENT) BETWEEN THE DRYWELL BARREL AND THE WASHED DRAIN ROCK, AND BETWEEN THE WASHED DRAIN ROCK AND THE NATIVE SOIL.
6. PRIOR TO SITE CONSTRUCTION, THE CONTRACTOR IS RESPONSIBLE FOR LOCATING UNDERGROUND UTILITIES. CALL THE UNDERGROUND UTILITY LOCATION SERVICE AT (800)424-5555 BEFORE YOU DIG.
7. GEOTEXTILE FABRIC SHALL BE PLACED BETWEEN THE RIMS AND GRATES OF DRYWELLS, CATCH BASINS AND INLETS UNTIL SUCH TIME THE VEGETATION ON THE SOIL IS ESTABLISHED AND THE THREAT OF SEDIMENT DEPOSITION INTO THE DRAINAGE SYSTEM IS MITIGATED.

SUPPLEMENTAL:

8. ALL CONCRETE GRADES LESS THAN 0.5% (0.005 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 POURING CONCRETE. THE CONTRACTOR IS RESPONSIBLE FOR ARRANGING AND COORDINATING WORK WITH THE PROFESSIONAL LAND SURVEYOR.

EROSION/SEDIMENTATION CONTROL (ESC) SHEET 2 OF 10):

9. ALL EROSION/SEDIMENTATION CONTROL (ESC) PLAN IS DESIGNED FOR THIS PROJECT. IMPLEMENTATION OF THE ESC PLAN, AND CONSTRUCTION, MAINTENANCE AND REPAIR OF ESC FACILITIES IS THE RESPONSIBILITY OF THE DEVELOPER UNTIL ALL CONSTRUCTION IS COMPLETED AND ACCEPTED BY SPOKANE COUNTY. SEE UNITS. VEGETATION IS ESTABLISHED THROUGHOUT THE SITE AND ACCEPTED BY SPOKANE COUNTY, WHICH EVER IS LATER.
10. APPROVAL OF THE ESC PLAN DOES NOT CONSTITUTE APPROVAL OF ANY OF THE PROPOSED ROAD, STORM DRAINAGE, GRADING OR UTILITY DESIGN ELEMENTS SHOWN THEREON.
11. THE EROSION/SEDIMENTATION CONTROL MEASURES SHOWN ARE THE MINIMUM REQUIREMENTS FOR THE ANTICIPATED SITE CONDITIONS. THE CONTRACTOR SHALL INSPECT AND MAINTAIN THE ESC MEASURES DAILY, AND SHALL MAINTAIN AND UPGRADE THE MEASURES AS NECESSARY TO PREVENT SEDIMENT-LADEN RUNOFF FROM EITHER FLOWING OFF THE SITE OR INTO NEW AND/OR EXISTING STORM DRAINAGE FACILITIES, SUCH AS DRYWELLS, DISPERSTS, INLETS, CATCH BASINS OR GRAVEL GALLERIES.
12. THE CONTRACTOR/DEVELOPER IS RESPONSIBLE FOR INSTALLING ROCK CONSTRUCTION ENTRIES AT ANY AND ALL LOCATIONS USED TO ENTER OR EXIT THE PROJECT SITE.



OFFICIAL PUBLIC DOCUMENT ORIGINAL
"AS-BUILTS"
CONSTRUCTION PLANS
PROJECT # 3-2-05
PLANS ACCEPTED 8/28/14

I HAVE REVIEWED THE CONSTRUCTION AND TO MY KNOWLEDGE THIS IT TO BE IN SUBSTANTIAL CONFORMANCE WITH THE APPROVED CERTIFIED PLANS AND STANDARD SPECIFICATIONS/CODE/POLICY NOTES.

9-7-16

SHEET INDEX

SHEET TITLE	SHEET No.
COVER	1
EROSION CONTROL	2
~~DAKOTA LANE~~ STA 11+50.02 TO 14+58.89	~~3~~
CINCINNATI LANE STA 10+00.00 TO 19+39.04	4
BELLE LANE STA 10+61.82 TO 14+39.05	5
~~HATCH ROAD~~ STA 10+00.00 TO 14+69.90	~~6~~
MIDWAY ROAD STA 10+00.00 TO 15+70.37	7
DETAILS	8

OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT # 3-2-05
DATE ACCEPTED: 8/28/14
ACCEPTANCE EXPIRES: 12/28/17
PRIOR TO ACCEPTANCE OF PLANS, THE PROJECT ENGINEER SHALL SUBMIT A CERTIFICATE OF COMPLETION OF CONSTRUCTION IN ACCORDANCE WITH SPOKANE COUNTY ENGINEERS ACCEPTANCE AND MAINTENANCE POLICY. ACCEPTANCE OF PLANS DOES NOT ALTER THE PERMIT REQUIRED (509) 477-3600
ACCEPTANCE EXPIRES 2 YEARS LATER

GRAPHIC SCALE
100 0 50 100 200
1 IN FEET
1 inch = 100 ft.

DATUM
WCS27 DATUM NO. 3394
(LOCATED AT 1K3085 WP 10.25
REFERENCE PM-QC5506-0C1
NAVD 88 ELEV. 1748.385

THE DESIGN IMPROVEMENTS SHOWN IN THIS SET OF PLANS AND CALCULATIONS CONFORM TO 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.

DEVELOPER'S APPROVAL — DATE 9-7-16

P1988A Enabled Drawings

Mountain Crest Enterprises Inc.
P.O. Box 1850, 1426 N. Sycamore
Lakeside, MT 59922
(406) 466-1594 FAX: 466-1514

WELLINGTON HEIGHTS PUD
3RD ADDITION PHASE 2
COVER SHEET
SPOKANE COUNTY, WA

STREET PLANS
Original Date: 8-28-14
MCE Project No. 04-258

Sheet 1 of 8

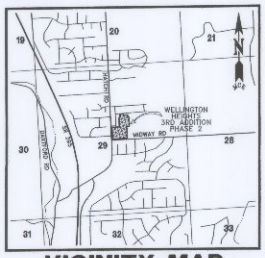
DATE	REVISION	BY
9-7-16	AS-BUILT CONSTRUCTION REVISION FINAL APPROVAL	DRW

SEC. 29, T.27 N., R.43 E.,W.M.

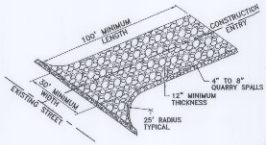
RECORD DRAWING

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

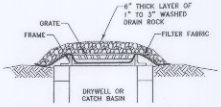
Date	Activity	By
07/16/08	GENERAL PREPARATION	DMM
08/07/08	FINAL APPROVAL	DMM



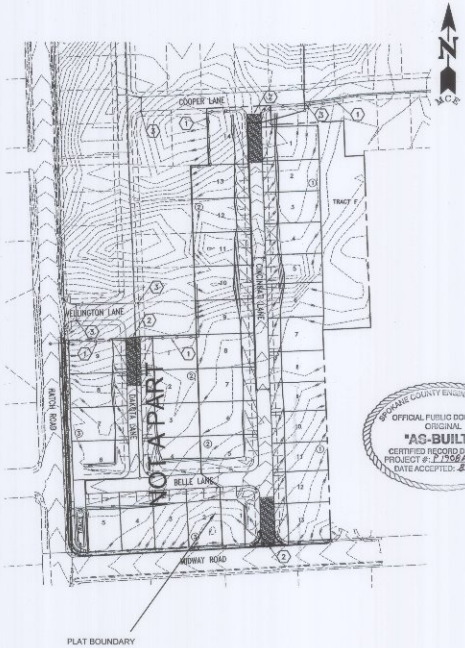
VICINITY MAP



CONSTRUCTION ENTRY DETAIL



INLET PROTECTION DETAIL



SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT
ORIGINAL
"AS-BUILTS"
CERTIFIED RECORD DRAWINGS
PROJECT #: P-1908A
DATE ACCEPTED: 8/20/08

SILT FENCE DETAIL

PAUL T. NELSON
STATE OF WASHINGTON
17276
PROFESSIONAL ENGINEER
8-7-16

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.

GRAPHIC SCALE
100 0 50 100 200
(IN FEET)
1 inch = 100 ft.

CONSTRUCTION NOTES

1. SILT FENCE PER DETAIL.
2. INSTALL CONSTRUCTION ENTRANCES AT ALL PROJECT ACCESS POINTS.
3. INSTALL INLET PROTECTION FOR EXISTING AND NEWLY INSTALLED INLETS AND DRYWELLS.

EROSION & SEDIMENT CONTROL

1. THE EROSION CONTROL MEASURES OUTLINED IN THIS PLAN MEET THE ESC PLAN REQUIREMENTS LISTED IN CHAPTER 4.5 OF THE SPOKANE COUNTY GUIDELINES FOR STORMWATER MANAGEMENT.
2. 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.
3. 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.
4. THE ESC MEASURES SHOWN ARE THE MINIMUM REQUIREMENTS FOR THE ANTICIPATED SITE CONDITIONS. THE CONTRACTOR SHALL INSPECT AND MAINTAIN THESE MEASURES DAILY, AND SHALL MAINTAIN AND UPGRADE AS NECESSARY TO PREVENT SEDIMENT-LADEN WATER FROM EITHER FLOWING OFF SITE, OR INTO NEW/EXISTING STORM DRAINAGE FACILITIES, SUCH AS DRYWELLS, INLETS, STORM PIPES OR CULVERTS.
5. GEOTEXTILE FABRIC IS TO BE PLACED BETWEEN THE RIMS AND GRATES OF DRYWELLS, CATCH BASINS AND INLETS UNTIL SUCH TIME THAT THE VEGETATION ON THE SITE IS ESTABLISHED AND THE THREAT OF SEDIMENT DEPOSITION INTO THE DRAINAGE SYSTEM IS MITIGATED.
6. INTERCEPTOR DITCHES SHALL BE CONSTRUCTED BY THE CONTRACTOR PRIOR TO ANY SITE WORK, AND MAINTAINED THROUGH THE DURATION OF CONSTRUCTION.
7. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLING ROCK CONSTRUCTION ENTRIES, PER DETAIL, AT ANY AND ALL LOCATIONS USED TO ENTER OR EXIT THE PROJECT SITE.
8. THE CONTRACTOR IS RESPONSIBLE FOR DESIGNATING A LOCATION WHERE CONCRETE TRUCKS AND EQUIPMENT CAN BE WASHED OUT, NOT LOCATED NEAR NOR DRAINING INTO A STORM DRAINAGE STRUCTURE OR POND AREA.
9. PROPERTY DEVELOPER: LANICE G. DOUGLASS CONSTRUCTION.
10. PROJECT LOCATION: NORTHEAST OF THE INTERSECTION OF HATCH ROAD AND MIDWAY ROAD, IN SPOKANE COUNTY, WA.
11. PROJECT DESCRIPTION: DEVELOPMENT OF 36 RESIDENTIAL LOTS.
12. DESCRIPTION OF ESC MEASURES: ROCK CONSTRUCTION ENTRANCES, SILT FENCE, INLET PROTECTION.
13. EXISTING VEGETATION: NATIVE GRASSES, SOME TREES.
14. PLAN PREPARATION DATE: JULY, 2008.
15. SOILS: LOAMY FINE SAND, SILTY LOAM.
16. ANY DISTURBED AREAS, WHICH WOULD BE LEFT BARE FOR MORE THAN 7 DAYS AND ARE NOT INTENDED TO BE REWORKED WITHIN 30-45 DAYS SHALL BE SEEDED WITH A FAST STARTING NATIVE DRYLAND GRASS SUCH AS ANNUAL RYE, OR APPROVED EQUAL, AT A RATE OF 60 lbs/ACRE.
17. ALL DRAINAGE CHANNELS SHALL BE EVALUATED FOR EROSION POTENTIAL. THOSE DRAINAGE COURSES WHICH ARE TO RECEIVE CONCENTRATED STORM WATER RUNOFF AND ARE FOUND TO BE SUBJECT TO EROSION FROM THE ANTICIPATED POST DEVELOPMENT RUNOFF SHALL BE EITHER LINED OR RIP-RAPPED TO MINIMIZE THE POTENTIAL FOR EXCESSIVE EROSION.

MAINTENANCE

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLATION AND MAINTENANCE OF ALL TEMPORARY ESC MEASURES.
2. SEDIMENT BARRIERS SHALL BE INSPECTED IMMEDIATELY AFTER EACH RUNOFF-PRODUCING RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL.
3. NECESSARY REPAIRS TO BARRIERS OR REPLACEMENT OF FILTER FABRIC SHALL BE ACCOMPLISHED PROMPTLY.
4. SEDIMENT DEPOSITS SHOULD BE REMOVED AFTER EACH RUNOFF-PRODUCING RAINFALL. DEPOSITS MUST BE REMOVED WHEN THE LEVEL OF DEPOSITION REACHES APPROXIMATELY 1/3 THE HEIGHT OF THE BARRIER.
5. ANY SEDIMENT DEPOSIT REMAINING IN PLACE AFTER THE ESC STRUCTURE IS NO LONGER REQUIRED SHALL BE DRESSED TO CONFORM TO THE EXISTING GRADE, PREPARED AND SEEDED.
6. ALL TEMPORARY AND PERMANENT ESC PRACTICES SHALL BE MAINTAINED AND REPAIRED AS NEEDED TO ASSURE CONTINUED PERFORMANCE OF THEIR INTENDED FUNCTION.
7. ALL TEMPORARY ESC MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY BPW'S ARE NO LONGER NEEDED. TRAPPED SEDIMENT SHALL BE REMOVED OR STABILIZED ON SITE. DISTURBED SOIL AREAS RESULTING FROM REMOVAL SHALL BE PERMANENTLY STABILIZED.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING DIRT, MUD AND OTHER CONSTRUCTION DEBRIS WHICH MAY ACCUMULATE ON PAVED STREETS ADJACENT TO THE SITE AS A RESULT OF CONSTRUCTION ACTIVITY. CLEANING SHALL BE ON AN "AS NEEDED" BASIS USING WATER UNDER PRESSURE. SWEEPING AND WATER SHALL BE USED WHEN WATER PRESSURE ALONE WILL NOT WASH THE CONSTRUCTION DEBRIS FROM THE STREET.
9. DUST CONTROL: AN APPROVED METHOD OF DUST CONTROL, MEETING THE REQUIREMENTS OF LOCAL REGULATIONS SHALL BE UTILIZED DURING THIS PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY MATERIALS WHICH SPILL ONTO LOCAL STREETS DURING THE TRANSPORTATION OF THE EQUIPMENT. SHOULD A SPILL OCCUR, THE CONTRACTOR SHALL REMOVE THE MATERIAL, BY THE END OF THE DAY. NO MATERIAL SHALL BE ALLOWED TO SET, DRY OR BE WASHED INTO ADJACENT STORMWATER FACILITIES.

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #: P-1908A
DATE ACCEPTED: 9/26/08
ACCEPTANCE EXPIRES: 9/26/10
PROJECT LANE MILES PUBLIC: 0.00
PROJECT LANE MILES PRIVATE: 0.00
CONTRACTOR MUST PROVIDE CERTIFIED RECORD DRAWINGS, "AS-BUILTS" AND ROADWAY PRIOR TO COUNTY ACCEPTANCE AND DEVELOPMENT OF THE ROADS AND DRAINAGE FACILITIES FOR MAINTENANCE.
PERMIT REQUIRED (509) 477-5600
NOTIFY PERMIT ENGINEER 3 BUSINESS DAYS PRIOR TO CONSTRUCTION.

DEVELOPER'S APPROVAL — DATE 8-7-8

DATUM
WSDOT DATUM NO. 3394
LOCATED AT SR395 MP 167.35
DESIGNATION GP32395-201
NAVD 88 ELEV. 1748.385

Mountain Crest Enterprises Inc.
4024 East First Street
P.O. Box 1800, Mead, WA 99021
(509) 466-8794 Fax: 466-1514

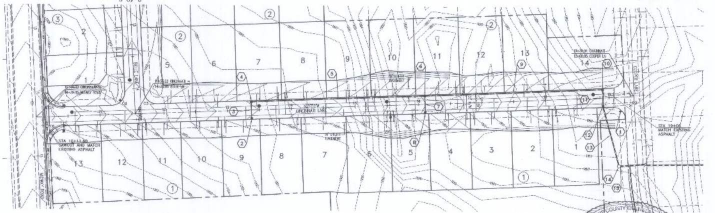
WELLINGTON HEIGHTS PUD
EROSION AND SEDIMENT CONTROL PLAN
SPOKANE COUNTY, WA

STREET PLANS
County Plat No.: P-1908
MCE Project No.: 06-258
Sheet: 2 of 8

P-1908A Eng Road drainage

C:\Microsoft Desktop\4308.01 T STREET - Sunscape\ACAD-SLT\SHEET.dwg, 8/7/2016 2:26:15 PM, HP Designjet 500 42 by HP

SEC. 29, T.27 N., R.43 E.,W.M.



CONSTRUCTION NOTES

GENERAL:

1. ALL WORK AND MATERIALS SHALL BE IN CONFORMANCE WITH THE "SPOKANE COUNTY STANDARDS FOR ROAD AND SEWER CONSTRUCTION" 2001, AND AS AMENDED.
2. LOCATIONS OF EXISTING UTILITIES SHOWN IN THESE PLANS ARE APPROXIMATE.
3. PRIOR TO SITE CONSTRUCTION, THE CONTRACTOR IS RESPONSIBLE FOR LOCATING UNDERGROUND UTILITIES. CALL THE UNDERGROUND UTILITY LOCATION SERVICE AT 456-8000 BEFORE YOU DIG.
4. THE CONTRACTOR SHALL INSPECT AND MAINTAIN THE ESC MEASURES DAILY, AND SHALL MAINTAIN AND UPGRADE THE MEASURES AS NECESSARY TO PREVENT SEDIMENT-LADEN RUNOFF FROM EITHER FLOWING OFF THE SITE OR INTO NEW AND/OR EXISTING STORM DRAINAGE FACILITIES, SUCH AS DRYWELLS, INLETS OR CATCH BASINS.

CONSTRUCTION:

(1) INSTALL STREET NAME SIGN PER M.U.T.C.D. AND SPOKANE COUNTY STANDARDS.

(2) STA 13+38.00, RT. 14.5', TYPE 1 CATCH BASIN WITH TYPE 1 FRAME AND TYPE 1 GRATE, PER SPOKANE COUNTY STANDARD PLANS B-4, B-10 AND B-12.
RIM ELEV=1899.80

(3) 25 L.F. OF 8" ~~ABS~~ PVC STORM PIPE. G=-0.0272. IE(E)=1896.73, IE(W)=1896.05

(4) STA 13+38.00, LT. 14.5', TYPE 1 CATCH BASIN WITH TYPE 1 FRAME AND TYPE 1 GRATE, PER SPOKANE COUNTY STANDARD PLANS B-4, B-10 AND B-12.
RIM ELEV=1899.80

(5) 270 L.F. OF 12" ~~ADS~~ PVC STORM PIPE. G=-0.0219. IE(S)=1895.72, IE(N)=1889.80

(6) STA 16+10.00, LT. 14.5', TYPE 1 CATCH BASIN WITH TYPE 1 FRAME AND TYPE 1 GRATE, PER SPOKANE COUNTY STANDARD PLANS B-4, B-10 AND B-12.
RIM ELEV=1893.68

(7) 25 L.F. OF 8" ~~ABS~~ PVC STORM PIPE. G=-0.0272. IE(E)=1890.51, IE(W)=1889.83

(8) STA 16+10.00, RT. 14.5', TYPE 1 CATCH BASIN WITH TYPE 1 FRAME AND TYPE 1 GRATE, PER SPOKANE COUNTY STANDARD PLANS B-4, B-10 AND B-12.
RIM ELEV=1893.68

(9) 278 L.F. OF 12" DI STORM PIPE. G=-0.0214. IE(S)=1889.50, IE(N)=1883.56

(10) STA 18+90.00, LT. 14.5', TYPE 1 CATCH BASIN WITH TYPE 1 FRAME AND TYPE 1 GRATE, PER SPOKANE COUNTY STANDARD PLANS B-4, B-10 AND B-12.
RIM ELEV=1886.41

(11) 25 L.F. OF 16" DI STORM PIPE. G=-0.0032. IE(W)=1883.46, IE(E)=1883.38

(12) STA 18+90.00, RT. 14.5', TYPE 1 CATCH BASIN WITH TYPE 2 FRAME AND TYPE 3 GRATE, PER SPOKANE COUNTY STANDARD PLANS B-4, B-11 AND B-14.
RIM ELEV=1886.41

(13) 94 L.F. OF 18" DI STORM PIPE. G=-0.0028. IE(W)=1883.28, IE(E)=1883.02

(14) STA 19+11.87, RT. 107.85', TYPE III-60 MANHOLE WITH MANHOLE RING AND SOLID COVER, PER SPOKANE COUNTY STANDARD PLANS U-6 (WITH CHANNEL), AND U-14.
RIM ELEV=1889.75

(15) CONNECT TO EXISTING 24" ADS STUB.

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

RECORD DRAWING

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #: P-1908A
DATE ACCEPTED: 9/25/08
ACCEPTANCE EXPIRES: 9/25/10
PROJECT LANE MILES PUBLIC: -
PROJECT LANE MILES PRIVATE: 0.30
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

CURVE TABLE					
CURVE	LENGTH	RADIUS	TANGENT	CHORD	DELTA
C3	31.89	20.50	20.19	28.77	89°7'18"
C4	32.52	20.50	20.82	29.21	90°52'42"
C5	46.66	30.00	29.54	42.10	89°7'18"
C6	47.58	30.00	30.46	42.75	90°52'42"

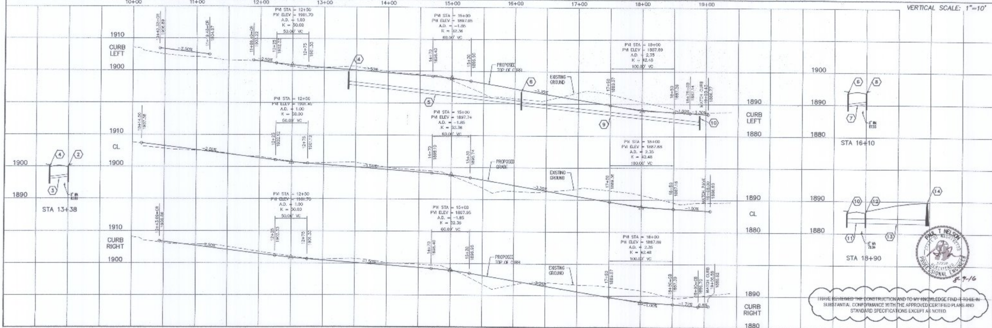
SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT
ORIGINAL
"AS-BUILTS"
CERTIFIED RECORD DRAWINGS
PROJECT #: P1908A
DATE ACCEPTED: 8/10/16

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

DATUM
WSDOT DATUM NO. 3394
LOCATED AT SR395 MP 167.35
DESIGNATION GP32395-201
NAVD 88 ELEV. 1748.385

DEVELOPER'S APPROVAL   DATE

VERTICAL SCALE: 1"=10'



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.

PAUL T. NELSON — PROFESSIONAL ENGINEER — 8-9-16

DANIEL NATHAN WOLF — PROFESSIONAL ENGINEER — EXPIRES 7/3/10

Date	Activity	By
07/14/06	ORIGINAL PREPARATION	DSW
04/16/08	FINAL APPROVAL	DSW

Mountain Crest Enterprises Inc.
4024 East First Street
P.O. Box 1800, Mead, WA 99021
(509) 466-5794 Fax: 466-1514

WELLINGTON HEIGHTS PUD

CINCINNATI LANE
STA 10+00.00 TO 19+39.04
SPOKANE COUNTY, WA

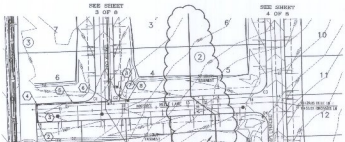
STREET PLANS
County Plat No.: P-1908
MCE Project No.: 06-258
Sheet: 4 of 8

P1908A Eng Road Drainage

SEC. 29, T.27 N., R.43 E.,W.M.

RECORD DRAWING

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



CONSTRUCTION NOTES

GENERAL:

1. ALL WORK AND MATERIALS SHALL BE IN CONFORMANCE WITH THE "SPOKANE COUNTY STANDARDS FOR ROAD AND SEWER CONSTRUCTION" (SSC), AND AS AMENDED.
2. LOCATIONS OF EXISTING UTILITIES SHOWN IN THESE PLANS ARE APPROXIMATE.
3. PRIOR TO SITE CONSTRUCTION, THE CONTRACTOR IS RESPONSIBLE FOR LOCATING UNDERGROUND UTILITIES. CALL THE UNDERGROUND UTILITY LOCATION SERVICE AT 456-8000 BEFORE YOU DIG.
4. THE CONTRACTOR SHALL INSPECT AND MAINTAIN THE EXC MEASURES DAILY, AND SHALL REMOVE SEDIMENT FROM THE EXC MEASURES AS NECESSARY. REMOVE SEDIMENT-LADEN RUNOFF FROM OFFSITE FLOWING INTO THE SITE OR INTO STM AND/OR EXISTING STORM DRAINAGE FACILITIES, SUCH AS DRYWELLS, INLETS OR CATCH BASINS.

CONSTRUCTION:

- ALL INLET STRUCTURES SHALL BE INSTALLED WITH 1" DEEP GUTTER DEPRESSION PER SPOKANE COUNTY STANDARD PLANS. ALL CURB INLET STRUCTURE MOLD INCLUDE 1" DEPRESSION. OPTIONS LISTED FOR INLET STRUCTURES ARE TO TAKE EFFECT.

1. INSTALL STREET NAME SIGN PER M.U.T.C.D. AND SPOKANE COUNTY STANDARDS.
2. STA 10+63.82, RT. 14.0', TYPE 1 CATCH BASIN WITH TYPE 2 FRAME AND TYPE 3 GRATE, PER SPOKANE COUNTY STANDARD PLANS B-4, B-11 AND B-12.
   RIM ELEV=1888.50
   PVC
3. 28 L.F. OF 12" ϕ PVC STORM PIPE, S=0.0132, IE(S)=1886.15, IE(N)=1885.82
4. STA 10+63.82, LT. 13.0', TYPE 1 CATCH BASIN WITH TYPE 2 FRAME AND TYPE 3 GRATE, PER SPOKANE COUNTY STANDARD PLANS B-4, B-11 AND B-12.
   RIM ELEV=1889.50
   PVC
5. 111 L.F. OF 12" ϕ PVC STORM PIPE, S=0.0300, IE(N)=1885.72, IE(S)=1882.39
6. STA 11+77.23, LT. 13.0', TYPE 1-48 MANHOLE WITH MANHOLE RING AND TOLED COVER, PER SPOKANE COUNTY STANDARD PLANS B-2 (W/O CHANNEL), AND B-14.
   RIM ELEV=1900.48
   PVC
7. 27 L.F. OF 8" ϕ PVC STORM PIPE, S=0.1760, IE(N)=1896.95, IE(N)=1892.20
8. STA 12+06.86, LT. 14.0', TYPE 1 CATCH BASIN WITH TYPE 1 FRAME AND TYPE 1 GRATE, PER SPOKANE COUNTY STANDARD PLANS B-4, B-10 AND B-12.
   RIM ELEV=1908.69

DATUM
VERTICAL DATUM NO. 1394
NAVD 88 ELEV. 1748.380 - NGVD 29 ELEV. 1752.35
DESIGNATION GP33.006 - 002
NAVD 88 ELEV. 1746.380

OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #: P-19084
DATE ACCEPTED: 10/28/08
THIS PROJECT HAS BEEN APPROVED FOR CONSTRUCTION PROVIDED THAT ALL PERMITS LISTED BELOW ARE OBTAINED PRIOR TO CONSTRUCTION:
PROJECT LANE MUSTER PLAN
PROJECT LANE MUSTER DEPOSIT: $0.00
PROJECT LANE MUSTER DEPOSIT: $0.00
DRAINAGE/GRADING/EROSION CONTROL PERMIT REQUIRED. CONTACT DRAINAGE/GRADING/EROSION CONTROL PERMIT REQUIRED. CONTACT DRAINAGE/GRADING/EROSION CONTROL PERMIT REQUIRED. (509) 477-7000
NORTHWEST REGIONAL OFFICE (509) 456-2926
TO COMPLY WITH DEPARTMENT OF ECOLOGY STORMWATER MANUAL

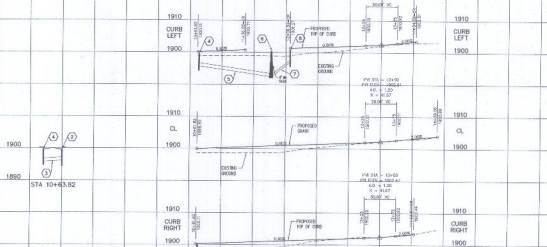
CURVE TABLE					
CURVE	LENGTH	RADIUS	TANGENT	CHORD	DELTA
C1	31.40	20.00	20.00	28.27	90°00'00"
C2	31.40	20.00	20.00	28.27	90°00'00"
C3	31.40	20.00	20.00	28.27	90°00'00"
C4	52.52	20.00	29.83	39.31	150°32'42"

OFFICIAL PUBLIC DOCUMENT ORIGINAL
"AS-BUILTS"
CERTIFIED RECORD DRAWINGS
PROJECT #: P-19084
DATE ACCEPTED: 8/2/16

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

DEVELOPER'S APPROVAL — DATE 7-17-16

VERTICAL SCALE: 1"=10'



I HAVE REVIEWED THE CONSTRUCTION AND TO MY KNOWLEDGE FINDS IT TO BE IN SUBSTANTIAL CONFORMANCE WITH THE APPROVED CERTIFIED PLANS AND STANDARD SPECIFICATIONS HEREBY ACCEPTED.

7-16

Mountain Crest Enterprises Inc.
P.O. Box 1806
Mead, WA 99021
(509) 466-5215 Fax: 466-5216

STREET PLANS
WELLINGTON HEIGHTS PUD
BELLE LANE
STA 10+65.82 TO 14+39.05
SPOKANE COUNTY, WA

Contract Number: 2008-0019
MCE Project No. 06-988

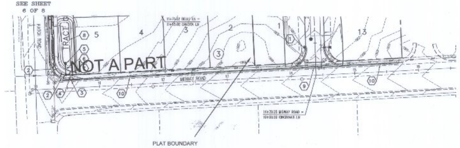
Sheet: 5 of 8

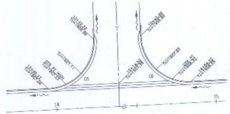
P19084 Eng Road Drainage

SEC. 29, T.27 N., R.43 E.,W.M.

RECORD DRAWING

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





CURVE TABLE					
CURVE	LENGTH	RADIUS	TANGENT	CHORD	DELTA
C5	46.66	30.00	29.54	42.10	89°7'18"
C6	47.58	30.00	30.46	42.75	90°52'42"
C7	47.58	30.00	30.46	42.75	90°52'42"

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT
ORIGINAL
"AS-BUILTS"
CERTIFIED RECORD DRAWINGS
PROJECT #: P1908A
DATE ACCEPTED: 8/10/16

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #: P-1908A
DATE ACCEPTED: 9/26/08
ACCEPTANCE EXPIRES: 9/25/10
PROJECT LANE MILES PUBLIC: -
PROJECT LANE MILES PRIVATE: 0.36
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

CONSTRUCTION NOTES

GENERAL:

1. ALL WORK AND MATERIALS SHALL BE IN CONFORMANCE WITH THE "SPOKANE COUNTY STANDARDS FOR ROAD AND SEWER CONSTRUCTION" 2001, AND AS AMENDED.
2. LOCATIONS OF EXISTING UTILITIES SHOWN IN THESE PLANS ARE APPROXIMATE.
3. PRIOR TO SITE CONSTRUCTION, THE CONTRACTOR IS RESPONSIBLE FOR LOCATING UNDERGROUND UTILITIES. CALL THE UNDERGROUND UTILITY LOCATION SERVICE AT 456-8000 BEFORE YOU DIG.
4. THE CONTRACTOR SHALL INSPECT AND MAINTAIN THE ESC MEASURES DAILY, AND SHALL MAINTAIN AND UPGRADE THE MEASURES AS NECESSARY TO PREVENT SEDIMENT-LADEN RUNOFF FROM EITHER FLOWING OFF THE SITE OR INTO NEW AND/OR EXISTING STORM DRAINAGE FACILITIES, SUCH AS DRYWELLS, INLETS OR CATCH BASINS.

CONSTRUCTION:

(1) INSTALL STOP SIGN AND STREET NAME SIGN PER M.U.T.C.D. AND SPOKANE COUNTY STANDARDS.

(2) ~~SIDEWALK RAMP TYPE 3B PER WSDOT STANDARD PLAN F-40.15-00.~~

(3) ~~CURB INLET TYPE 1 PER SPOKANE COUNTY STANDARD PLAN B-8. DROP ELEV = TOP OF CURB - 0.67' (TYPE "B" CURB). DROP LENGTH, L=4'. STA 10+56.17, LT. 13.0'~~

(4) ~~CURB INLET TYPE 2 PER SPOKANE COUNTY STANDARD PLAN B-9. STA 10+55.47, LT. 19.54'~~

(5) ~~STA 10+48.30, 38.37' LT. TYPE 1 CONCRETE INLET WITH TYPE 1 FRAME AND TYPE 3 GRATE, PER SPOKANE COUNTY STANDARD PLANS B-6, B-10 AND B-14. RIM ELEV=1899.50~~

(6) ~~15 L.F. OF 10" ADS STORM PIPE, G=-0.0200, IE(N)=1897.00, IE(S)=1896.70~~

(7) ~~STA 10+48.30, 20.18' LT. PRECAST DRYWELL TYPE A WITH TYPE 4 METAL FRAME AND SOLID COVER PER SPOKANE COUNTY STANDARD PLANS B-1a, B-2, B-3 AND B-15. RIM EL=1901.10~~

(8) ~~DRAINAGE POND. SEE DETAIL 4 ON SHEET 8.~~

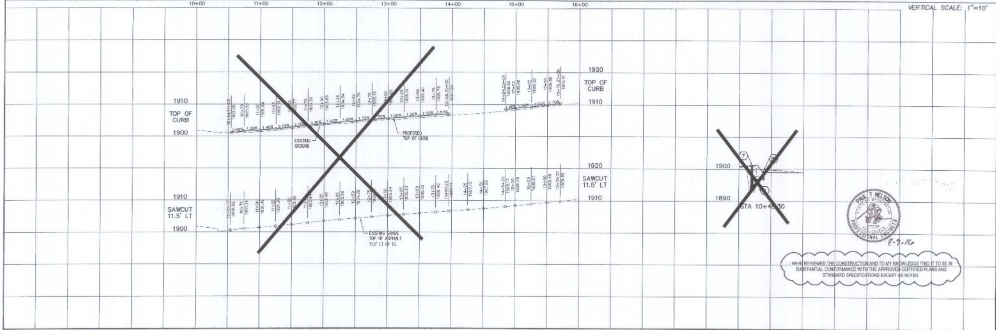
(9) CONCRETE CROSS GUTTER PER DETAIL 5 ON SHEET 8.

(10) SAWCUT EXISTING PAVEMENT AT 11.5' LT OF R/W CENTERLINE. SAWCUT LINE IS FACE OF GUTTER.

DATUM
WSDOT DATUM NO. 3394
LOCATED AT SR395 MP 167.35
DESIGNATION GP32395-201
NAVD 88 ELEV. 1748.385

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

[signature] 9-17-08
DEVELOPER'S APPROVAL DATE



PAUL T NELSON, PROFESSIONAL ENGINEER, STATE OF WASHINGTON
8-9-16

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.

Date	Activity	By
07/14/08	ORIGINAL PREPARATION	DNW
09/16/08	FINAL APPROVAL	DNW

DANIEL NATHAN WOLF, STATE OF WASHINGTON, PROFESSIONAL ENGINEER
EXPIRES [illegible]

Mountain Crest Enterprises Inc.
4024 East First Street
P.O. Box 1800, Mead, WA 99021
(509) 466-5794 Fax: 466-1514

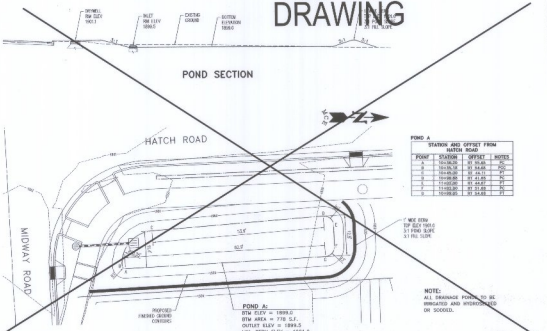
WELLINGTON HEIGHTS PUD
MIDWAY ROAD
STA 10+00.00 TO 15+70.37
SPOKANE COUNTY, WA

STREET PLANS
County Plat No.: P-1908
MCE Project No.: 06-258
Sheet: 7 of 8

P1908A Eng Road - Drainage

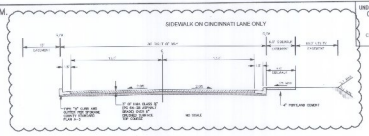
SEC. 29, T.27 N., R.43 E.,W.M.

RECORD DRAWING



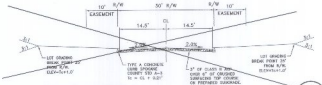
POND A

STATION AND OFFSET FROM HATCH ROAD			
POINT	STATION	OFFSET	NOTES
A	10+98.26	81.55.85	PC
B	10+98.26	81.55.85	PC
C	10+98.85	81.49.71	PC
D	10+98.85	81.41.83	PC
E	11+00.00	81.35.85	PT
F	11+00.00	81.35.85	PT
G	10+98.85	81.34.85	PT



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

DATE	ACTIVITY
10/24/08	INITIAL
01/04/09	PRELIM. REVISION
01/05/09	FINAL

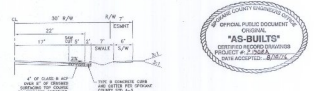


PRIVATE ROADWAY SECTION

TYPICAL

1 INCH = 10 FT

1



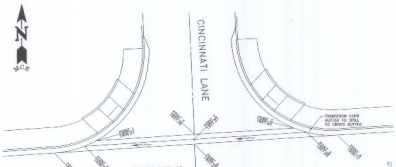
ROADWAY SECTION

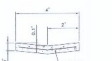
HATCH ROAD

1 INCH = 10 FT

2

SPOKANE COUNTY ENGINEERING OFFICE
OFFICIAL PUBLIC DOCUMENT
ORIGINAL
"AS-BUILTS"
CERTIFIED RECORD DRAWINGS
PROJECT # P-19082
DATA ACCEPTED: 8/26/16





STATION AND OFFSET FROM MIDWAY ROAD		
POINT	STATION	OFFSET
A	14+04.22	17.13.00'
B	14+04.22	17.13.00'
C	14+78.85	17.13.00'
D	14+78.85	17.13.00'
E	15+00.00	17.13.00'
F	15+00.00	17.13.00'
G	15+00.00	17.13.00'
H	14+04.22	17.13.00'
I	14+06.00	17.13.00'

ROADWAY SECTION

MIDWAY ROAD

1 INCH = 10 FT

3

PAUL T. MEYER
STATE OF WASHINGTON
16811
8-9-16

SPOKANE COUNTY ENGINEERED OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT # P-19082
DATE ACCEPTED: 10/26/16
ACCEPTANCE EXPIRES: 10/26/18
PROJECT LANE MILES PLUS: 0.0
PROJECT LANE MILES PLUS: 0.00
THIS PROJECT HAS BEEN INSPECTED AND ACCEPTED BY THE SPOKANE COUNTY ENGINEER AS SUBSTANTIALLY COMPLETE EXCEPT FOR WORK AND DRAINAGE FACILITIES NOTED BELOW:
NOTE: ALL DRAINAGE FACILITIES MUST BE INSPECTED AND ACCEPTED BEFORE ISSUANCE OF FINAL BUILDING INSPECTION

HAVE REVIEWED THIS CONSTRUCTION AND TO MY KNOWLEDGE FIND IT TO BE IN SUBSTANTIAL COMPLIANCE WITH THE APPROVED CERTIFIED PLANS AND STANDARD SPECIFICATIONS UNLESS NOTED.

DEVELOPER'S APPROVAL DATE

P-19082 Eng Rev Drainage

Mountain Crest Enterprises Inc.
10024 E. Sprague Ave.
P.O. Box 19051, Spokane, WA. 99219
(509) 924-9500 Fax: (509) 924-9501

WELLINGTON HEIGHTS PUD

DETAILS

SPOKANE COUNTY, WA.

STREET PLANS
Identify Plat Name: Sp. 2-98
Identify Plat No.: Sp. 2-98
Sheet 8 of 8