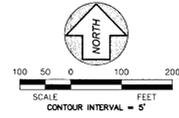


DRAINAGE PLANS FOR: CHAPMAN MEADOWS

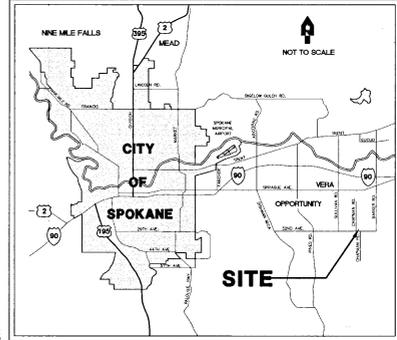
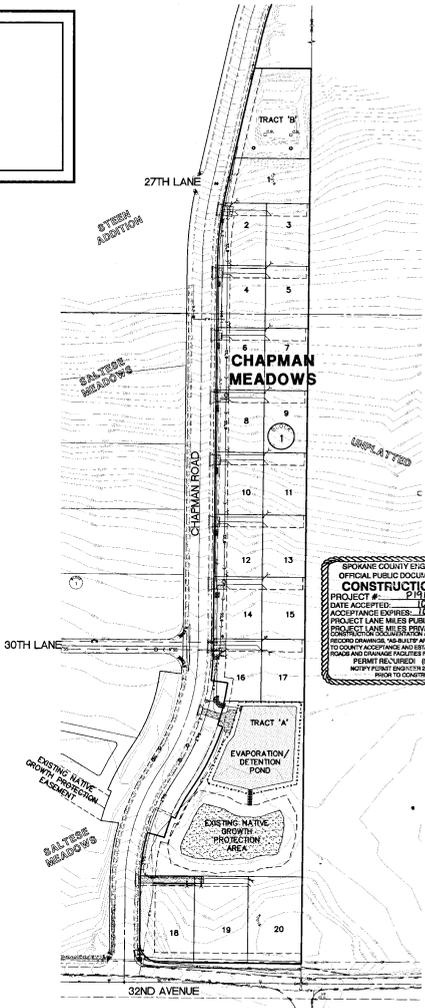
SPOKANE COUNTY, WASHINGTON

SOUTHEAST 1/4 OF S.25, T.25N, R.44E, W.M.



GENERAL NOTES

1. ALL MATERIALS AND INSTALLATION SHALL BE IN CONFORMANCE WITH THE "SPOKANE COUNTY STANDARDS FOR ROAD AND SEWER CONSTRUCTION 2001", AS AMENDED, AND PER THE "2002 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. SITE EXCAVATION, INCLUDING ROCK CUTS AND REMOVAL, SHALL CONFORM TO SECTION 2-03.3 OF THE WSDOT STANDARD SPECIFICATIONS. EMBANKMENTS TO BE CONSTRUCTED ACCORDING TO THE APPLICABLE PARAGRAPHS OF SECTION 2-03.3 OF THE WSDOT STANDARD SPECIFICATIONS. EARTH EMBANKMENTS TO BE CONSTRUCTED USING METHOD B OF 2-03.3(14)C.
7. ALL FILL IN AREAS OUTSIDE OF PAVEMENT SHALL BE COMPACTED IN MAXIMUM 8" LIFTS TO 92% OF MAXIMUM ASTM D 1557 DRY DENSITY. CEMENT CONCRETE APPROACH SUBGRADE SHALL BE COMPACTED TO 95%.
8. 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.



SPOKANE COUNTY ENGINEERING ORIGINAL CONSTRUCTION PLANS
 PROJECT # 27102
 DATE ACCEPTED: 10-23-03
 ACCEPTANCE EXP. 12-31-03
 PROJECT NAME: MEADOWS PUBLIC...
 PROJECT LOCATION: MEADOWS...
 RECORD DRAWINGS: VALIDITY AND REQUIRED PRIOR TO COUNTY ACCEPTANCE AND REVISIONS OF THE ROAD AND DRAINAGE FACILITIES FOR MAINTENANCE. PERMIT REQUIRED: (800-470-0000) NOTIFY PERMIT DIVISION 7 BUSINESS DAYS PRIOR TO CONSTRUCTION.

LEGEND

..... 235'	EXISTING CONTOUR 2250	PROPOSED CONTOUR
----	EASEMENT LINE	----	PLAT BOUNDARY/EXIST. R.O.W.
---	EXISTING BURIED TELEPHONE	---	LOT LINE
---	EXISTING BURIED GAS PIPELINE	----	LIMIT OF PROPOSED EASEMENT
---	EXISTING OVERHEAD ELECTRICAL	---	NEW WATER LINE
---	EXISTING FENCE	---	NEW SANITARY SEWER LINE
---	EXISTING WATER LINE	---	NEW STORM DRAIN LINE
---	EXISTING SEWER LINE	---	NEW DITCH CENTERLINE
---	EXISTING STORM DRAIN LINE	---	NEW 6" CHAIN LINK FENCE
---	EXISTING WATER VALVE	---	NEW WATER VALVE
---	EXISTING WATER LINE FITTING (TYP.)	---	NEW CONCRETE THRUST BLOCK
---	EXISTING FIRE HYDRANT	---	NEW WATER LINE FITTING (TYP.)
---	EXISTING WATER METER AND SERVICE	---	NEW SANITARY SEWER MANHOLE
---	EXISTING SIGN	---	NEW GRAVEL SURFACE ACCESS
---	EXISTING SANITARY SEWER MANHOLE		

INDEX OF DRAWINGS
SHEET NO. DESCRIPTION

1	COVER SHEET
2	BACK OF WALK STORM DITCH - CHAPMAN ROAD
3	EVAPORATION/DETENTION POND - PLAN AND SECTIONS
4	TEMPORARY EROSION/SEDIMENT CONTROL AND DRAINAGE DETAILS
5	TEMPORARY EROSION AND SEDIMENT CONTROL PLAN

No.	Date	By	Chk'd	Appr.	Revisions
1	08/03/03	ALB	MM	MAA	ADDRESS SPOKANE CO. COMMENTS

Drawn: *MM* Date: 05/19/03

Designed: *MM* Date: 05/19/03

Checked: *MAA* Date: 05/19/03

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
1000 Mission Avenue
Spokane, Washington 99201
(509) 328-3371 FAX (509) 328-8224

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

Developer's Approval: *K. B. ...* Date: 8/15/03

VERTICAL DATUM: MEADOWS LOCAL DATUM
 CADD FILE NAME: 020590 ST COVER.dwg
 SCALE: HORIZ. N/A, VERT. N/A
 SCALE BAR: 0, 50, 100, 200 FEET

CHAPMAN MEADOWS		COVER SHEET
COVER SHEET		SHEET 1 OF 5

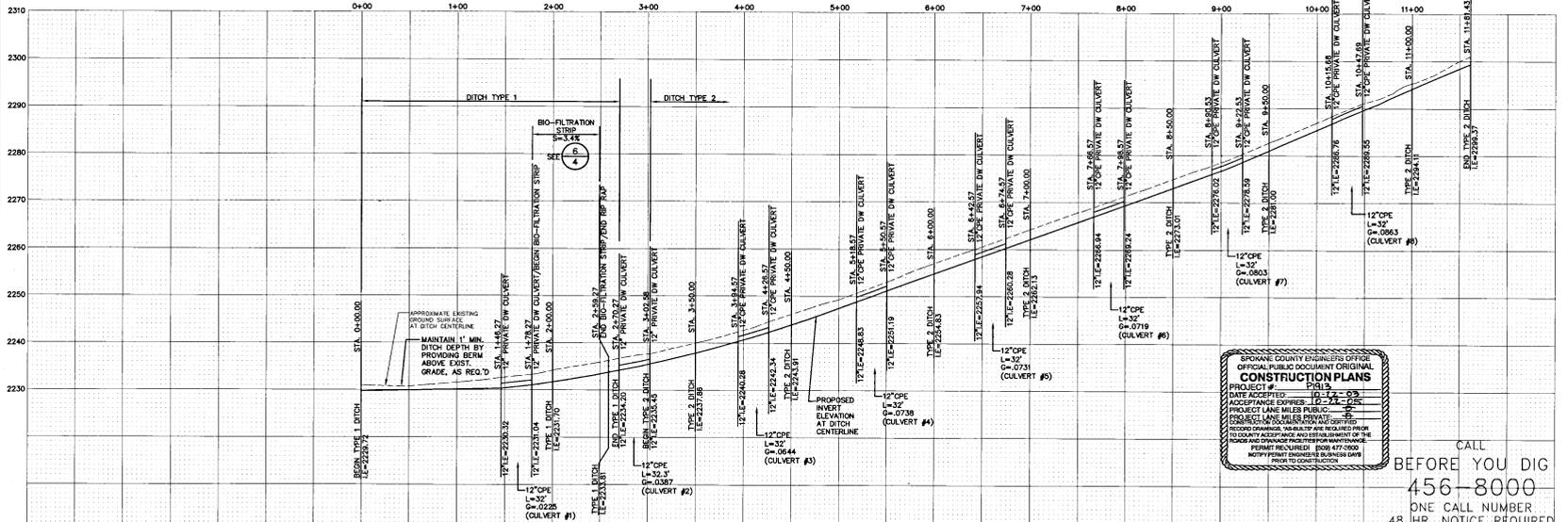
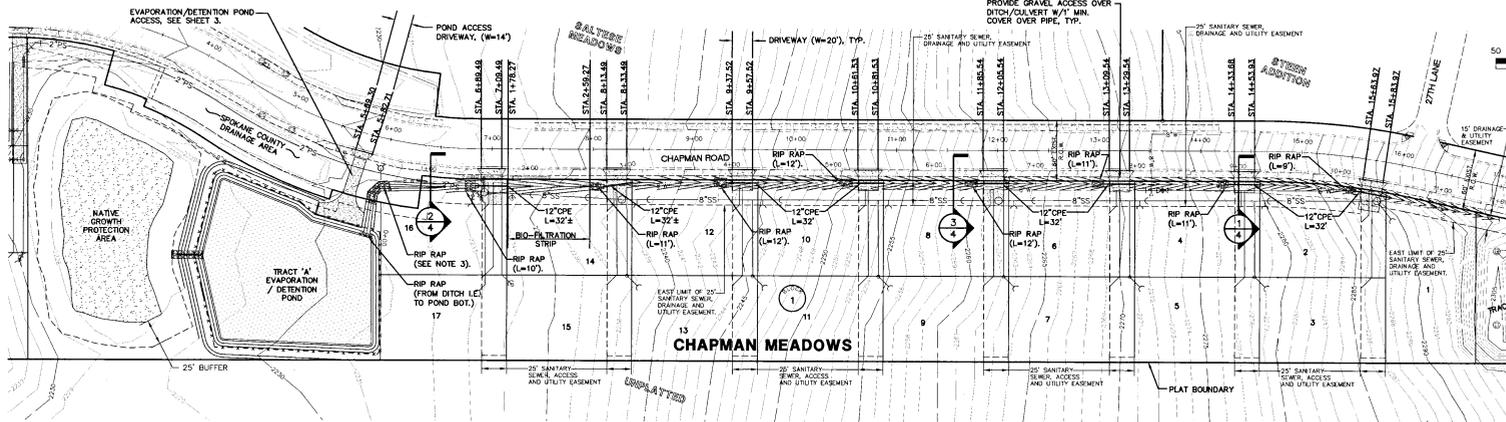
P-1913 Eng. Road & Drainage

S.E. 1/4 OF S.25, T.25N, R.44E, W.M.



SCALE
50 25 0 50 100
FEET
CONTOUR INTERVAL = 1'

- NOTES
1. CEMENT CONCRETE APPROACHES FOR PRIVATE DRIVEWAYS AND POND ACCESS SHALL BE PER SPOKANE COUNTY STD. PLAN A-7.
 2. STATIONING FOR DRIVEWAYS IS BASED ON CHAPMAN ROAD STATIONING. STATIONING FOR BACK OF WALK STORM DITCH IS BASED ON CENTERLINE OF DITCH.
 3. LINE DITCH TYPE 1 W/2" TO 6" HRRAP, 1" THICK W/UNDERLYING FILTER FABRIC (AMCOO 4545) ALONG DITCH CURVE TO 10' BEYOND BEGINNING AND END OF CURVE.
 4. CORRUGATED POLYETHYLENE PIPE (CPE) SHALL MEET THE REQUIREMENTS OF AASHTO M24 AND BE PROVIDED WITH SMOOTH INTERIOR WALLS.
 5. 2" TO 4" RIP RAP AT CULVERT OUTLETS SHALL BE SHOT ROCK INSTALLED TO 1" DEPTH W/UNDERLYING FILTER FABRIC (AMCOO 4545)



SPOKANE COUNTY ENGINEERING OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT # 16113
DATE ACCEPTANCE EXP. 12-24-25
PROJECT LINE MILES PUBLIC 0.00
PROJECT LINE MILES PRIVATE 0.00
RECORD DRAWING. NO AS-OF ARE REQUIRED PRIOR TO OBTAIN ACCEPTANCE AND INSTALLMENT OF THE PERMIT REQUIRED. (FORM 447-2000)
NOT PRINTED FROM SPOKANE COUNTY ENGINEERING OFFICE
PRINT TO CONSTRUCTION

CALL
BEFORE YOU DIG
456-8000
ONE CALL NUMBER
48 HR. NOTICE REQUIRED

No.	Date	By	Ckd	Appr	Revisions
2	08/03	MM	MM	MAA	ADDRESS SPOKANE COUNTY 10/20/03 COMMENTS
1	07/03	MM	MM	MAA	ADDRESS SPOKANE COUNTY 06/23/03 COMMENTS

Drawn	Date
MM	05/19/03
Designed	05/19/03
Checked	05/19/03
MAA	05/19/03



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Taylor Engineering, Inc.
Civil Design and Land Planning
1000 W. 11th, Moscow, Idaho
83844, Washington 8880
(509) 338-3371 Fax (509) 338-8254

SPOKANE COUNTY PUBLIC WORKS
DIVISION OF ENGINEERING AND ROADS
SPOKANE, WASHINGTON
93520-0170
477-3600

VERTICAL DATUM: MEAN WYD, L.S. 4900.0
OR DATUM TO 307' EAST OF THE INTERSECTION OF CHAPMAN ROAD AND 27TH LANE (ELEV 800)
CADD FILE NAME: 00069 ST PAIP.dwg
SCALE
50 25 0 50 100
SCALE FEET

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

CHAPMAN MEADOWS
BACK OF WALK STORM DITCH
STA. 0100 TO 11614.3
(CHAPMAN ROAD
STA. 5197.20 TO STA 17105.49)

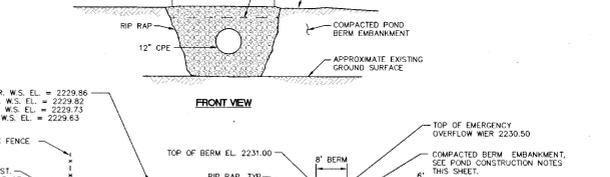
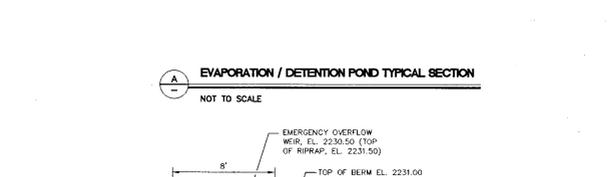
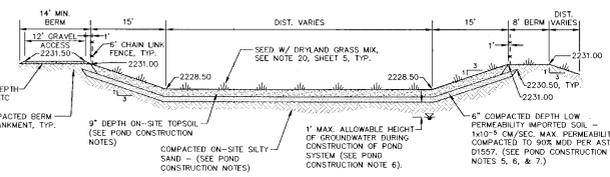
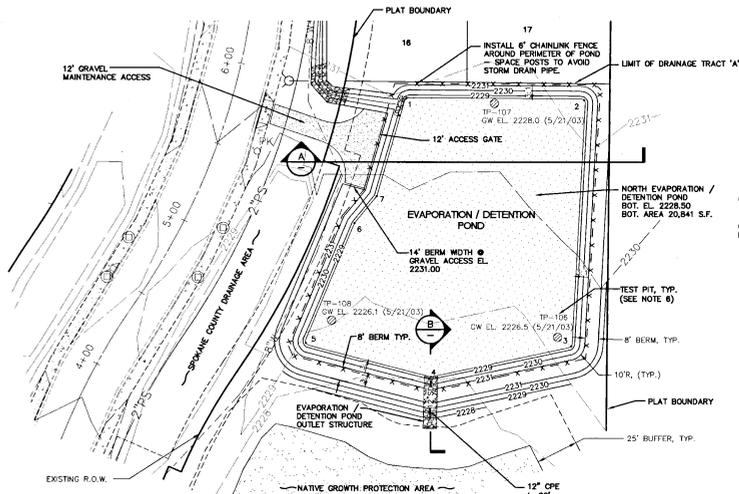
STORM
SHEET
2
5

EVAPORATION/DETENTION POND CONSTRUCTION NOTES

- TOPSOIL SHALL BE STRIPPED FROM THE EVAPORATION/DETENTION POND AREA AND STOCKPILED FOR USE IN THE 8" TOPSOIL LAYER IN THE POND. THE EXISTING TOPSOIL DEPTH IS APPROXIMATELY 1.0 TO 1.5 FEET DEEP IN THE POND AREA.
- POND SUBGRADE SHALL CONSIST OF THE NATIVE ON-SITE SAND. THE NATIVE STRIPPED SUBGRADE SHALL NOT BE PROOF-COMPACTED DUE TO SHALLOW GRADIENT BELOW THE POND BOTTOM. ON-SITE SAND FILL TO CONSTRUCT THE POND BOTTOM SHALL BE PLACED IN LIFTS NOT EXCEEDING 6-INCHES WITH A MOISTURE CONTENT WITHIN 2% OF OPTIMUM AND COMPACTED TO 85% OF MODIFIED PROCTOR MAXIMUM UNIT WEIGHT.
- POND BERMS SHALL BE CONSTRUCTED USING IMPORTED FILL OR ON-SITE NATIVE SOIL EXCLUDING THE TOPSOIL. IMPORTED FILL SHALL CONSIST OF SILTY SAND AND GRAVEL WITH NO PARTICLES LARGER THAN 6-INCHES IN DIAMETER, AND NOT MORE THAN 30% BUT NOT LESS THAN 15% PASSING THE NUMBER 200 SIEVE.
- POND BERM MATERIAL SHALL BE PLACED WITHIN 2% OF OPTIMUM MOISTURE CONTENT, IN LIFTS NOT EXCEEDING 6-INCHES AND COMPACTED TO 93% OF THE MAXIMUM DRY UNIT WEIGHT AS DETERMINED BY THE MODIFIED PROCTOR METHOD.
- THE IMPORTED LOW PERMEABILITY SOIL MATERIAL SHALL BE COMPACTED TO A 6-INCH DEPTH (MINIMUM) AND COMPACTED TO AT LEAST 90% OF ITS MAXIMUM DRY UNIT WEIGHT AS DETERMINED BY THE MODIFIED PROCTOR METHOD. THE IMPORTED SILT/CLAY MATERIAL SHALL HAVE AN APPROXIMATE PERMEABILITY IN THE ORDER OF 1×10^{-4} CM/SEC. TO 1×10^{-6} CM/SEC.
- TEST PITS SHOWN ON THIS SHEET WERE LOGGED BY CUMMINGS GEOTECHNOLOGY, INC. AND ARE INCLUDED IN THEIR REPORT DATED JUNE 11, 2003. THE CONTRACTOR SHALL MONITOR THE DEPTH OF GROUNDWATER WITHIN THE LIMITS OF POND BOTTOM AND BERMS AND COMPLETE THE POND WORK WHEN THE GROUNDWATER IS A MINIMUM OF 1 FOOT BELOW THE LOWEST LEVEL OF PLANNED EXCAVATION (APPROX. EL. 2222.25), LIKELY IN LATE SUMMER AND/OR EARLY FALL. THE CONTRACTOR SHALL MONITOR THE GROUNDWATER LEVEL PERIODICALLY BY EXCAVATING SHALLOW BACKHOE TEST PITS OR BY COMPLETING HAND AUGER BORINGS, IN AREAS OF POND EXCAVATION. THE CONTRACTOR SHALL PROVIDE TO THE ENGINEER THE DATE AND ELEVATION OF GROUNDWATER WITHIN THE LIMITS OF POND CONSTRUCTION BEFORE DURING AND AFTER POND CONSTRUCTION. THE MEASUREMENTS SHALL INDICATE THAT THE POND SYSTEM HAS BEEN CONSTRUCTED WITH A GROUNDWATER BENCHMARK CLOSER THAN 1-FOOT FROM THE LOWEST LEVEL OF POND EXCAVATION. THE ENGINEER WILL PROVIDE A TEMPORARY BENCHMARK WITHIN THE VICINITY OF THE POND, FOR GROUNDWATER LEVEL MONITORING.
- THE CONTRACTOR SHALL COORDINATE WITH THE ENGINEER IN ORDER TO OBTAIN A MINIMUM OF ONE SAMPLE OF IN-PLACE LOW PERMEABILITY SOIL MATERIAL. THE SAMPLE WILL BE LABORATORY TESTED TO VERIFY THAT THE CONSTRUCTED MATERIAL IS LESS THAN OR EQUAL TO THE REQUIRED PERMEABILITY RATE OF 1×10^{-4} CM/SEC.
- CORRUGATED POLYETHYLENE PIPE (CPE) SHALL MEET THE REQUIREMENTS OF AASHTO M24 AND BE PROVIDED WITH SMOOTH INTERIOR WALLS.

EVAPORATION/DETENTION POND HORIZONTAL CONTROL		
SEGMENT	BEARING	DISTANCE
1-2	N89°37'06"W	60.61'
2-3	S03°03'32"W	143.86'
3-4	S77°34'05"W	41.90'
4-5	N75°28'25"W	74.49'
5-6	N22°37'34"E	40.66'
6-7	S39°32'54"W	20.75'
7-1	S16°06'56"W	59.53'

CALL
BEFORE YOU DIG
456-8000
ONE CALL NUMBER
48 HR. NOTICE REQUIRED



- NOTES**
- RIP RAP PAD SHALL BE INSTALLED AS FOLLOWS:
A) IN A 6' SWATH FROM POND BOTTOM.
UP THE SIDE SLOPE AND OVER TOP OF THE BERM.
B) DOWN THE OUTSIDE OF THE BERM (6' WIDE SWATH) EXTENDING 6' BEYOND THE CATCH POINT.
 - RIP RAP SHALL BE INSTALLED 1.5" THICK WITH THE FOLLOWING GRADATION:
40% TO 50% MAX. STONE SIZE=8" DIA.
70% TO 80% MED. STONE SIZE=4" DIA.
10% TO 30% MIN. STONE SIZE=2" DIA.
 - FILTER FABRIC SHALL BE INSTALLED UNDER ALL RIP RAP AND SHALL BE AMCO 4545 OR APPROVED EQUAL.

SPokane County Engineers Office
ORIGINAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT # 19-13-03
DATE ACCEPTED 05-23-03
ACCEPTANCE EXPRESS 10-23-03
PROJECT LAWS PUBLIC-2
CONSTRUCTION PERMITS OBTAINED
RECORD DRAWINGS MUST BE SUBMITTED
TO QUALITY ASSURANCE AND ESTABLISHMENT OF THE RECORD AND DRAWING INDEX FOR THE PROJECT
PERMIT REQUIRED: 808 477-8500
NOTIFY PERMITTED ENGINEER 48 HRS PRIOR TO CONSTRUCTION



No	Date	By	Appr.	Revisions
2	08/03	ALB	MAA	ADDRESS SPOKANE COUNTY 08/26/03 COMMENTS
1	07/03	MEW	MAA	ADDRESS SPOKANE COUNTY 06/23/03 COMMENTS



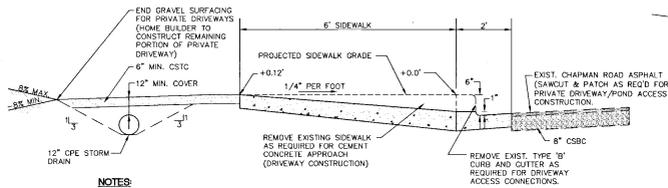
The design improvements shown in this set of plans and calculations conform to the applicable editions of the Spokane County Standards for Road and Sewer Construction and the Spokane County Guidelines for Stormwater Management. All design deviations have been approved by the Spokane County Engineer. I approve these plans for construction.

Taylor Engineering, Inc.
Civil Design and Land Planning
4106 Monrovia Avenue
Spokane, Washington 99201
(509) 328-3971 FAX (509) 328-8224

SPokane County Public Works
DIVISION OF ENGINEERING AND ROADS
1025 Broadway Ave.
Spokane, WA 99260-0170
477-3600

Designer's Approval: *[Signature]* Date: 8/15/03

SCALE	CHAPMAN MEADOWS	DETAIL
HORIZ. AS NOTED VERT. N/A	EVAPORATION / DETENTION POND PLAN AND SECTIONS	SHEET 3/5

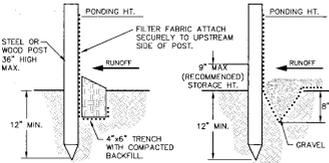
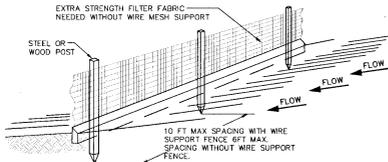


NOTES:

1. SLOPE FROM DRIVEWAY EDGE TO 8" OR 12" SD I.E. AT 34" TO 14".
2. SEE SPOKANE COUNTY STANDARD PLAN NO. A-7 FOR ADDITIONAL INFORMATION REGARDING CEMENT CONCRETE APPROACHES.

1 DRIVEWAY W/STORM DITCH CULVERT

2 NOT TO SCALE



STANDARD DETAIL
TRENCH WITH NATIVE BACKFILL

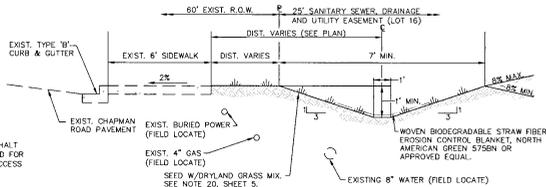
ALTERNATE DETAIL
TRENCH WITH NATIVE BACKFILL

NOTES:

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 OFFSITE AND CAN BE PERMANENTLY STABILIZED.
3. SILT FENCE SHALL BE PLACED IN SLOPE CONTOURS TO MAXIMIZE PONDING EFFICIENCY EXACT LOCATIONS TO BE DETERMINED IN THE FIELD.

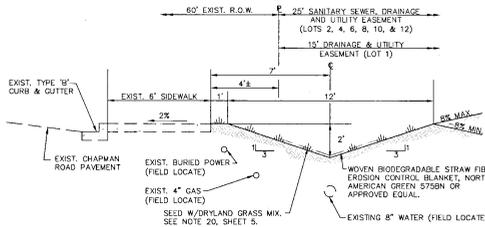
5 SILT FENCE

5 NOT TO SCALE



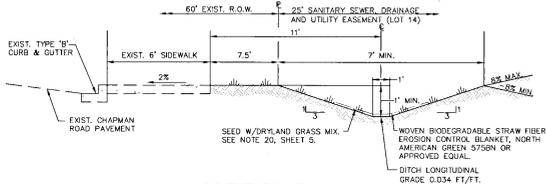
TYPE 1 DITCH SECTION
STA. 0+00 TO STA. 1+78.27
AND STA. 2+58.27 TO STA. 2+70.27

2 NOT TO SCALE



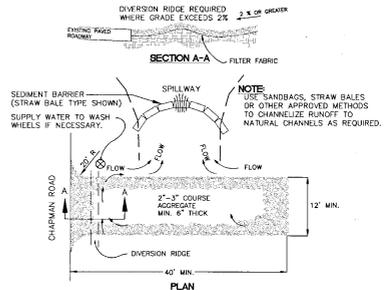
TYPE 2 DITCH SECTION
STA. 3+02.58 TO STA. 1+18.43

3 NOT TO SCALE



BIO-FILTRATION STRIP SECTION
STA. 1+78.27 TO STA. 2+58.27

6 NOT TO SCALE



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

4 ROCK CONSTRUCTION ENTRANCE

5 NOT TO SCALE

SPOKANE COUNTY ENGINEER'S OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT # 19-118
DATE ACQUIRED 05-19-2019
ACQUIREE EXPENSE 12,434.00
PROJECT NAME MILES PUBLIC...
PROJECT LOCATION MILES PUBLIC...
PROJECT NUMBER 19-118
CONSTRUCTION LOCATION MILES PUBLIC...
SECOND DRAWING, MEASURED AND REASURED PRIOR TO CONSTRUCTION.
ROAD AND DRAINAGE FACILITIES FOR MAINTENANCE PERMIT REQUIRED. (600) 477-3000
NOTIFY COUNTY ENGINEER'S BUSINESS DAYS PRIOR TO CONSTRUCTION.

No.	Date	By	Ckd	Appr.	Revisions
1	08/03	ALB	MMW	MAA	ADDRESS SPOKANE COUNTY 08/08/03 COMMENTS

Drawn ALB **Date** 02/19/03
Designed MMW **Date** 02/19/03
Checked MAA **Date** 02/19/03

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. 1006 Mission Ave.
Spokane, Washington 99201
(509) 338-3971 FAX (509) 338-8254

Developer's Approval *[Signature]*

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

Date 8/15/03

VERTICAL DATUM: MEAN W.P.C. L.S. #1000 ± CONTROL POINT OR DATUM NO. 1074 EAST OF THE INTERSECTION OF DIVISION LANE AND CHAPMAN RD. E.L. = 2401.84 (1944 BS)

CADD FILE NAME: 000561 ST DETAIL2.dwg

30 15 0 30 60
SCALE FEET

SCALE
HORIZ AS NOTED
VERT. N/A

CHAPMAN MEADOWS

TEMPORARY EROSION/SEDIMENT CONTROL AND DRAINAGE DETAILS

DETAIL SHEET
4 / 5

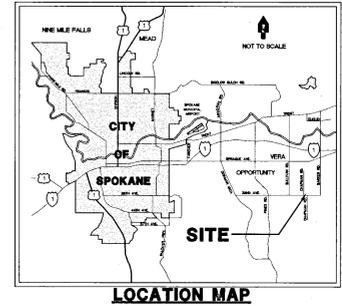
8-19-13 Eng Road Drawing

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 EXISTING/STORM DRAINAGE FACILITIES, SUCH AS DITCHES, CULVERTS, OR GRAVEL GALLERIES.
4. THE CONTRACTOR/DEVELOPER IS RESPONSIBLE FOR INSTALLING ROCK CONSTRUCTION ENTRANCES 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 GRADE OF DRYWELLS, CATCH BASINS AND ALLEYS UNLESS 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 SPCMA 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. CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL PERMANENT AND DOWNSTREAM STORMWATER MANAGEMENT FACILITIES DURING CONSTRUCTION AND FOR CLEANING DRAINAGE AND EROSION CONTROL FACILITIES AS REQUIRED. STREETS SHALL BE KEPT CLEAN OF DEBRIS FROM TRAFFIC FROM THE SITE.
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 SMALL DRAINAGE AREA, STORMWATER 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.

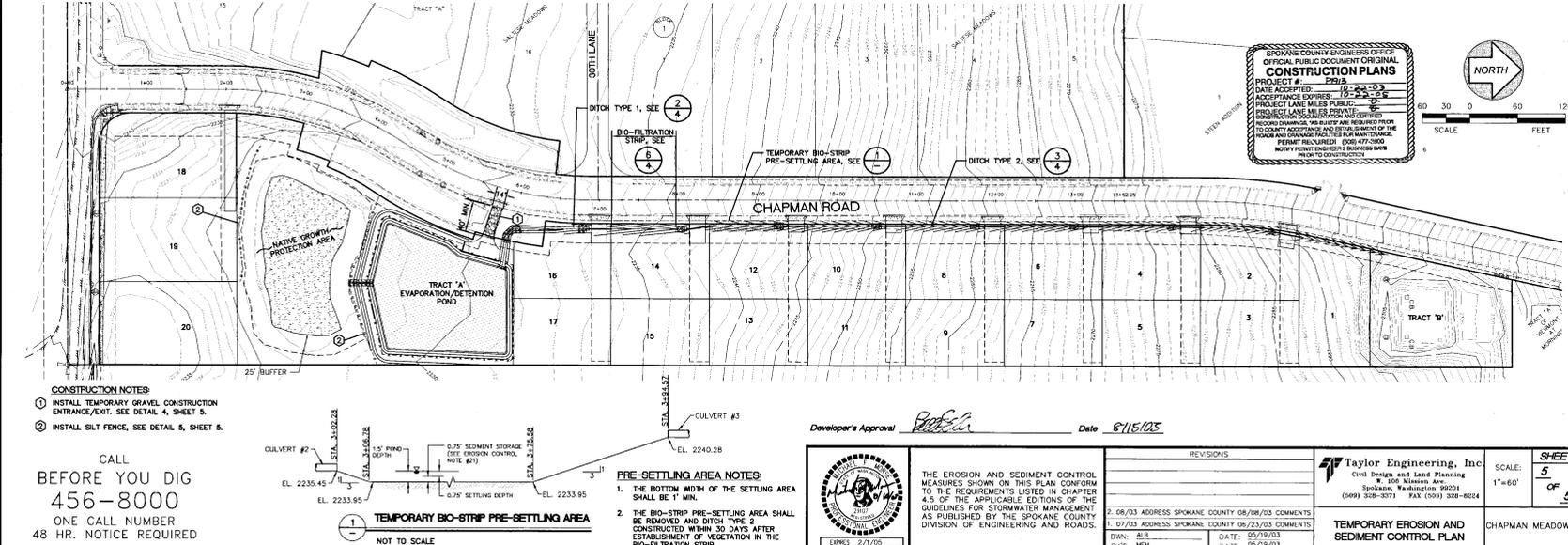
15. ALL AREAS DISTURBED DURING CONSTRUCTION AND NOT RECEIVING PAVEMENT, GRAVEL, OR LANDSCAPE TREATMENT SHALL BE STABILIZED BY APPLICATION OF A HYDROSEED MIXTURE OF DRYLAND GRASS SEED.
16. EROSION CONTROL STRUCTURES BELOW SOODED OR RIP RAPPED AREAS MAY BE REMOVED ONCE SOO AND FINAL LANDSCAPING IS IN PLACE. EROSION CONTROL STRUCTURES BELOW SEEDD 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 STORMWATER 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. ALL PONDS AND DISTURBED AREAS SHALL BE SEEDD W/DRYLAND GRASS SEED MIX AS FOLLOWS:
 DRYLAND SEED MIX REQUIREMENTS:
 GRASS SEED : PROVIDE FRESH, CLEAN, NEW CROP SEED COMPLYING WITH TOLERANCE OF PURITY AND GERMINATION ESTABLISHED BY THE OFFICIAL SEED ANALYSIS OF NORTH AMERICA.
 10 PERCENT ESKA PERENNIAL RYE
 15 PERCENT REUBENS CANADIAN BLUEGRASS
 20 PERCENT DURAN HARA FESCUE
 45 PERCENT COVAR/SHEEP FESCUE
 PROVIDE MIXTURE COMPOSED OF GRASS SPECIES AND PERCENTAGES AS FOLLOWS:
 GRASS SEED : 90 LBS. PER ACRE
 FERTILIZER : 16-16-16 100LB RELEASE COMPOSITION, 300LBS PER ACRE
 ALL SEEDING OF SLOPES SHALL BE DONE IN ACCORDANCE WITH THE WSDOT STANDARD SPECIFICATIONS, SEC. 8-01.
 21. CONTRACTOR SHALL PROVIDE MONITORING AND MAINTENANCE OF THE BIO-FILTRATION STRIP PRE-SETTLING AREA, I.E. SEDIMENT SHALL BE REMOVED WHEN IT REACHES A DEPTH OF APPROXIMATELY 0.75'. REGULAR INSPECTIONS OF SETTLING AREA SHALL BE COMPLETED BY THE CONTRACTOR AND ADDITIONAL INSPECTIONS SHALL BE MADE BY THE CONTRACTOR AFTER EACH RAINOFF PRODUCEING STORM EVENT.

EROSION AND SEDIMENT CONTROL PLAN FOR CHAPMAN MEADOWS (A RESIDENTIAL PLAT) S.E. 1/4 OF SECTION 25, T.25 N., R.44 E., W.M. SPOKANE COUNTY, WASHINGTON



PERMIT OWNER:	DAHM CHILDREN TRUST
PERMIT APPLICANT:	PLASTIC CONSTRUCTION GROUP, INC.
CONTACT PERSON AT PROJECT SITE:	BRETT T. SULLIVAN
PROJECT ADDRESS:	NORTHEAST OF INTERSECTION OF 32ND AVE. & CHAPMAN ROAD
PROJECT DESCRIPTION:	SINGLE FAMILY RESIDENTIAL DEVELOPMENT INCLUDING PRIVATE CULVERT, DRAINAGE PIPE, STORMWATER POND, WATER & SEWER SYSTEM EXTENSION.
DESCRIPTION OF ESC MEASURES:	ESC MEASURES INCLUDE SILT FENCES & GRASS CONSTRUCTION ENTRANCES.
DESCRIPTION OF EXISTING SITE VEGETATION:	SITE IS PRIMARILY COVERED WITH GRASSES AND CATTAILS. SOILS ARE PODZOLIC PINE TREES ALONG THE
LIST OF ON-SITE SOILS:	HW - BING AND PUDUCO LOAMY SAND HMA - HARDESTY SILT LOAM
LEGAL DESCRIPTION:	SEE THIS SHEET

DEDICATION
 KNOW ALL MEN BY THESE PRESENTS, that the DAHM CHILDREN TRUST, have caused to be plotted into Lots, Blocks, and Streets the land shown hereon, to be known as CHAPMAN MEADOWS, being a parcel of land in the Southeast Quarter of Section 25, T.25 N., R. 44 E., W.M., in Spokane County, State of Washington, described as follows:
 A portion of the S.E. 1/4 of Section 25, T.25 N., R.44 E., W.M., Spokane County, Washington described as follows:
 Commencing at the Southeast corner of said S.E. 1/4 of Section 25; thence N.0026117"E., along the East line of said S.E. 1/4 of Section 25, 40.00 feet to the North right of way line of 32nd Avenue and the POINT OF BEGINNING; thence continue N.0026117"E., along said East line, 178.27 feet to the South line of the Plat of Vancouver at Springdale (P20) as per plat thereof recorded in Book 24 of 2016, Pages 48 and 49, Spokane County, Washington; thence N.8923621"W., along the South line of said plat, 111.42 feet to the East right of way line of Chapman Road as recorded under Auditor's file No. 831220464 and 4261038; thence S.1250291"W., along said East line, 29.28 feet to the beginning of a curve to the left the radius of which bears S.7709251"E., a distance of 870.00 feet; thence along said curve to the left and said East line through a central angle of 127.25°, an arc distance 143.14 feet; thence S.0026117"W., along said East line, 77.81 feet to the beginning of a curve to the right the radius of which bears N.8923621"W., a distance of 440.00 feet; thence along said curve to the right and said East line through a central angle of 107.95°, an arc distance of 153.52 feet; thence S.5745070"E., along said East line 10.00 feet to the beginning of a curve to the right the radius of which bears N.8271431"W., a distance of 473.00 feet; thence along said curve to the right and said East line through a central angle of 107.95°, an arc distance of 153.52 feet; thence S.7145070"E., along said East line through a central angle of 120.25°, an arc distance of 137.75 feet to the beginning of a curve to the left the radius of which bears S.5525147"E., a distance of 337.00 feet; thence along said curve to the left and said East line through a central angle of 1136.37°, an arc distance of 14.00 feet; thence N.8707144"E., along said East line to the beginning of a curve to the left the radius of which bears S.8770441"E., a distance of 243.00 feet; thence along said curve to the left and said East line through a central angle of 0746337°, an arc distance of 43.82 feet; thence N.7418274"W., along said East line 35.00 feet to the beginning of a curve to the left the radius of which bears S.7418274"E., a distance of 280.00 feet; thence along said curve to the left and said East line through a central angle of 1502.97°, an arc distance of 103.00 feet; thence S.0026117"W., 119.19 feet to the beginning of a curve to the left the radius of which bears S.8923621"E., a distance of 40.00 feet; thence along said curve to the left, through a central angle of 801114", an arc distance of 62.66 feet to the North right of way line of 32nd Avenue; thence S.8820310"E., 279.87 feet to the POINT OF BEGINNING.



SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
 PROJECT # : 19-03-036
 DATE ADDED : 05/19/2023
 ACCEPTANCE EXP. : 05/19/2026
 PROJECT LANE MILES PRIVATE : 0.00
 RECORD CHANGES OR REVISED PERMITS REQUIRED PRIOR TO CONSTRUCTION AND PERMITS REQUIRED PRIOR TO CONSTRUCTION AND PERMITS REQUIRED PRIOR TO CONSTRUCTION
 PERMIT REQUIRED (808 477-1000)
 REVISED PRIOR TO CONSTRUCTION

Designer's Approval: *[Signature]* Date: 6/15/2023



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

REVISIONS	
2. 08/03 ADDRESS SPOKANE COUNTY 08/08/03 COMMENTS	
1. 07/03 ADDRESS SPOKANE COUNTY 06/23/03 COMMENTS	
DWN: ASB	DATE: 05/19/2023
CK'D: MJB	DATE: 05/19/2023

Taylor Engineering, Inc.
 Civil Design and Land Planning
 106 Mission Avenue
 Spokane, Washington 99201
 (509) 328-3071 FAX (509) 328-8224

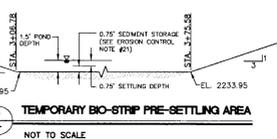
TEMPORARY EROSION AND SEDIMENT CONTROL PLAN

CHAPMAN MEADOWS

SCALE: 1"=60'
 SHEET 5 OF 5

CONSTRUCTION NOTES
 ① INSTALL TEMPORARY GRAVEL CONSTRUCTION ENTRANCE/EXIT. SEE DETAIL 4, SHEET 5.
 ② INSTALL SILT FENCE. SEE DETAIL 5, SHEET 5.

CALL 456-8000
 ONE CALL NUMBER
 48 HR. NOTICE REQUIRED



- PRE-SETTLING AREA NOTES:**
1. THE BOTTOM WIDTH OF THE SETTLING AREA SHALL BE 1' MIN.
 2. THE BIO-STRIP PRE-SETTLING AREA SHALL BE REMOVED AND DITCH TYPE 2 CONSTRUCTED WITHIN 30 DAYS AFTER ESTABLISHMENT OF VEGETATION IN THE BIO-FILTRATION STRIP.