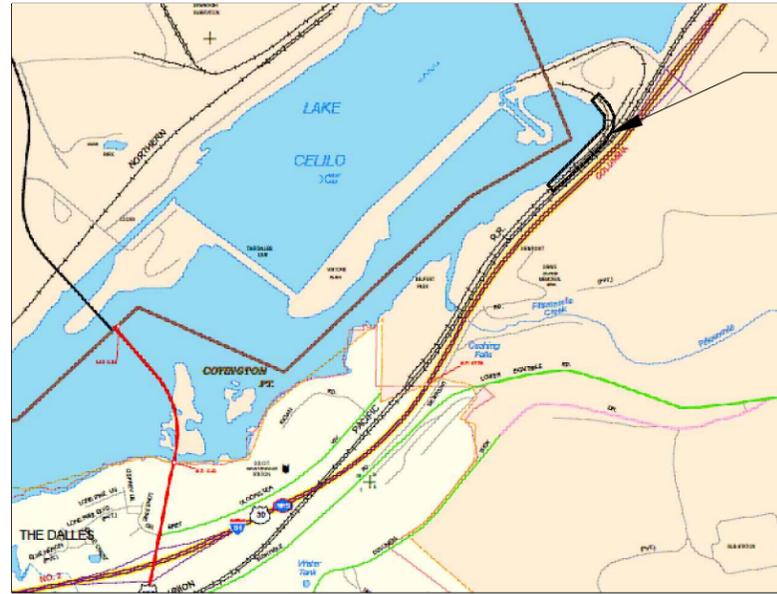


PATTERSON PARK TRAIL CONSTRUCTION



PROJECT AREA



VICINITY MAP

NO SCALE

GENERAL NOTES

- THE LOCATION OF KNOWN UTILITIES IN THE PROJECT AREA HAVE BEEN SHOWN FOR THE CONVENIENCE OF THE CONTRACTOR. NO RESPONSIBILITY IS ASSUMED BY THE CITY OR THE ENGINEER FOR THE COMPLETENESS OR ACCURACY OF THE LOCATION, TYPE OR NUMBER OF EXISTING UTILITIES. ALL UTILITY LOCATIONS SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. CALL 1-800-332-2344 FOR UTILITY LOCATIONS AT LEAST 48 HOURS PRIOR TO BEGINNING EXCAVATION IN ACCORDANCE WITH STATE LAW.
- THE CONTRACTOR AGREES THAT, IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. THE CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD THE CITY AND ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF THE WORK ON THIS PROJECT, EXEMPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE ENGINEER.
- EXCAVATIONS SHALL BE ADEQUATELY SHORED, BRACED AND SHEETED SO THAT THE EARTH WILL NOT SLIDE OR SETTLE AND SO THAT ALL EXISTING IMPROVEMENTS OF ANY KIND WILL BE FULLY PROTECTED FROM DAMAGE. ANY DAMAGE RESULTING FROM A LACK OF ADEQUATE SHORING, BRACING AND SHEETING SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND HE SHALL EFFECT NECESSARY REPAIRS OR RECONSTRUCTION AT HIS OWN EXPENSE. WHERE THE EXCAVATION FOR A CONDUIT TRENCH AND/OR STRUCTURE IS FIVE FEET OR MORE IN DEPTH, THE STATE OF OREGON OSHA, THE CONTRACTOR SHALL ALWAYS COMPLY WITH OSHA REQUIREMENTS.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN PERMITS NECESSARY TO PERFORM THE WORK SHOWN IN THESE PLANS FROM THE APPROPRIATE AGENCIES.
- ALL EXTERIOR CONCRETE FLATWORK SHALL RECEIVE A BROOM FINISH UNLESS OTHERWISE SPECIFIED ON THESE DRAWINGS OR ON CITY STANDARD DETAILS.
- THE CONTRACTOR SHALL PROVIDE FOR INGRESS AND EGRESS FOR PRIVATE PROPERTY ADJACENT TO WORK THE ALLEY THROUGHOUT THE PERIOD OF CONSTRUCTION.
- THE CONTRACTOR SHALL PROVIDE ALL LIGHTS, SIGNS, BARRICADES, FLAGMEN OR OTHER DEVICES NECESSARY TO PROVIDE FOR SAFETY, TRAFFIC CONTROL AND ALL TRAFFIC CONTROL DEVICES SHALL BE IN CONFORMANCE WITH THE ODOT STANDARD SPECIFICATION, LATEST EDITION.
- THE CONTRACTOR SHALL POST EMERGENCY TELEPHONE NUMBERS FOR POLICE, FIRE, AMBULANCE, AND THOSE AGENCIES RESPONSIBLE FOR THE MAINTENANCE OF UTILITIES IN THE SITE.
- ALL QUANTITIES AND PAY ITEMS ARE AND WILL BE BASED ON HORIZONTAL MEASUREMENTS.
- ALL EXISTING UTILITIES AND IMPROVEMENTS THAT BECOME DAMAGED DURING CONSTRUCTION SHALL BE COMPLETELY RESTORED TO THE SATISFACTION OF THE CITY ENGINEER, AT THE CONTRACTOR'S SOLE EXPENSE.
- IF ARCHAEOLOGICAL MATERIAL ARE UNCOVERED DURING DEMOLITION, GRADING, TRENCHING, OR OTHER EXCAVATION, EARTHWORK WITHIN 100 FEET OF THESE MATERIALS SHALL BE STOPPED UNTIL A PROFESSIONAL ARCHAEOLOGIST WHO IS CERTIFIED BY THE SOCIETY OF PROFESSIONAL ARCHAEOLOGY (SOPA) HAS HAD AN OPPORTUNITY TO EVALUATE THE SIGNIFICANCE OF THE FIND AND SUGGEST APPROPRIATE MITIGATION MEASURES, IF THEY ARE DEEMED NECESSARY.
- SHOULD IT APPEAR THAT THE WORK TO BE DONE OR ANY MATTER RELATIVE THERETO IS NOT SUFFICIENTLY DETAILED OR EXPLAINED ON THESE PLANS, THE CONTRACTOR SHALL CONTACT THE CITY OF THE DALLES ENGINEERING DIVISION (541) 296-5401 FOR SUCH FURTHER EXPLANATIONS AS MAY BE NECESSARY.
- THE CONTRACTOR SHALL MEET AND FOLLOW ALL NPDES REQUIREMENTS IN EFFECT AT THE TIME OF CONSTRUCTION.

PROJECT SPECIFIC NOTES

- OWNER: U.S. ARMY CORPS OF ENGINEERS
THE DALLES LOCK AND DAM
THE DALLES, OR 97058
CONTACT: KELLY THOMAS, NATURAL RESOURCE MANAGER
PHONE: (541) 506-7816
- ENGINEER: CITY OF THE DALLES PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION
1215 WEST FIRST STREET
THE DALLES, OR 97058
CONTACT: MICHAEL BOSSE
PHONE: (541) 296-5401
- ALL WORK AND MATERIALS SHALL CONFORM TO THE OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION AND STANDARD DRAWINGS AS AMENDED BY THE CITY OF THE DALLES. CITY AMENDMENTS ARE AVAILABLE AT THE DALLES PUBLIC WORKS DEPARTMENT LOCATED AT 1215 WEST FIRST STREET. OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION AND STANDARD DRAWINGS MAY BE PURCHASED FROM THE OREGON DEPARTMENT OF TRANSPORTATION.
- NO WORK SHALL DEVIATE FROM THESE PLANS UNLESS PRIOR APPROVAL IS OBTAINED FROM THE CITY. FINAL ACCEPTANCE OF ALL WORK TO BE MADE BY THE U.S. ARMY CORPS OF ENGINEERS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING SURVEY MONUMENTS AND OTHER SURVEY MARKERS DURING CONSTRUCTION. ALL SUCH MONUMENTS OR MARKERS DESTROYED DURING CONSTRUCTION SHALL BE REPLACED BY A LICENSED SURVEYOR AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL PROCURE FROM THE CITY OF THE DALLES AND ALL OTHER APPLICABLE AGENCIES, ALL PERMITS AND LICENSES, PAY ALL CHARGES AND FEES AND GIVE ALL NOTICES NECESSARY (2 WORKING DAYS MIN.) FOR THE INSTALLATIONS OF APPLICABLE IMPROVEMENTS DELINEATED HEREON.
- UNDERGROUND UTILITIES: PRIOR TO FINAL PREPARATION OF SUBGRADE AND PLACEMENT OF BASE MATERIAL, ALL UNDERGROUND UTILITY MARKS SHALL BE INSTALLED. COMPACTION TESTS SHALL BE PASSED AND SERVICE CONNECTION STUBBED OUT OR INSTALLED AS SHOWN ON APPLICABLE DRAWINGS.
- THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY FIELD CHANGES MADE WITHOUT WRITTEN AUTHORIZATION FROM THE CITY.
- ALL WELLS, IF ANY, LOCATED WITHIN THE PROJECT SHALL BE SEALED AT THE OWNER'S EXPENSE AND IN ACCORDANCE WITH OREGON DEPT. OF ENVIRONMENTAL QUALITY SPECIFICATIONS.
- RELOCATION OF OVERHEAD LINES SHALL BE THE RESPONSIBILITY OF THE OWNER. THE CONTRACTOR SHALL COORDINATE SCHEDULING OF ALL WORK.
- ALL SALVAGE OF PUBLIC WORKS FACILITIES SHALL BE THE PROPERTY OF THE CITY OF THE DALLES AND SHALL BE DELIVERED TO THE CITY PUBLIC WORKS DEPARTMENT.

CONSTRUCTION NOTES - GRADING

- WORK SHALL CONSIST OF ALL EARTHWORK RELATED TO THE SITE; ALL DEMOLITION, GRUBBING, TREE REMOVAL, STRIPPING, ROUGH GRADING, PREPARATION OF FOUNDATION AND MATERIALS FOR RECEIVING FILLS, EXCAVATION, IMPORT AND/OR EXPORT OF FILL, PROCESSING, PLACEMENT AND COMPACTION OF FILL MATERIALS, PLACEMENT OF AGGREGATE BASE MATERIAL AND ALL WORK NECESSARY TO COMPLETE THE GRADING TO CONFORM TO THE LINES, GRADES, AND SLOPES AS SHOWN ON THESE PLANS.
- SITE CONDITIONS: THE CONTRACTOR SHALL VISIT THE SITE, EXAMINE AND NOTE ALL CONDITIONS AS TO THE CHARACTER AND EXTENT OF THE WORK INVOLVED.
- BACKFILL WITHIN THE UTILITY TRENCHES SHALL BE COMPACTED TO A MINIMUM RELATIVE COMPACTION OF 95% BASED UPON ASTM D-1557 TEST METHOD (MODIFIED PROCTOR).
- WHEN UNSUITABLE SUBGRADE IS ENCOUNTERED DURING EXCAVATION, GRADING, COMPACTION, OR TRENCHING, THE CONTRACTOR SHALL OVER-EXCAVATE THE AREA AS DIRECTED BY THE ENGINEER OR INSPECTOR TO AN ADDITIONAL DEPTH OF 8 INCHES. THE CONTRACTOR SHALL THEN PLACE AN APPROVED GEOTEXTILE AND BACKFILL THE EXCAVATION WITH SELECTED GRANULAR BACKFILL.

CONSTRUCTION NOTES - PAVING

- CONTRACTOR SHALL RAISE OR LOWER CATCH BASIN GRATES AND FRAMES, MANHOLE FRAMES AND AND COVERS, VALVE BOXES AND LIDS, AND ALL OTHER STRUCTURES AS REQUIRED TO MATCH NEW PAVEMENT GRADES.
- PAVING AND AGGREGATE BASE SHALL CONFORM TO CITY OF THE DALLES STANDARD SPECIFICATIONS AND DRAWINGS.
- MATERIALS AND INSTALLATION OF PORTLAND CEMENT CONCRETE CURB, GUTTER AND SIDEWALK SHALL CONFORM TO CITY OF THE DALLES STANDARD SPECIFICATIONS AND DRAWINGS.
- EXISTING ASPHALT CONCRETE SURFACE SHALL BE SAWCUT TO A NEAT STRAIGHT LINE. WHEN TRENCHING THROUGH CURB, GUTTER AND SIDEWALK A SAWCUT SHALL BE USED. WHERE EXISTING PAVEMENT IS TRENCHED, REPLACE WITH APPROPRIATE PAVEMENT SECTION PER THE CITY STANDARD SPECIFICATIONS. THE EXPOSED BASE MATERIAL SHALL BE GRADED, RECOMPACTED AND RESEALED PRIOR TO REPAVING.
- ALL VALVE BOXES AND MANHOLES TO BE SET FLUSH WITH FINISHED GRADE AFTER PLACING FINAL LIFT OF PAVING, UNLESS NOTED OTHERWISE.

CONSTRUCTION NOTES - DUST CONTROL

- THE CONTRACTOR SHALL TAKE EFFECTIVE ACTION TO PREVENT THE FORMATION OF ANY AIRBORNE DUST NUISANCE AND SHALL BE RESPONSIBLE FOR ANY DAMAGE RESULTING FROM FAILURE TO DO SO.
- THE CONTRACTOR SHALL IMPLEMENT THE FOLLOWING DUST CONTROL PRACTICES:
 - DURING CONSTRUCTION
 - MATERIAL EXCAVATED OR GRADED SHALL BE SUFFICIENTLY WATERED OR TREATED WITH AN APPROVED DUST CONTROL ADDITIVE TO PREVENT DUST TO THE SATISFACTION OF THE PROJECT MANAGER OR INSPECTOR.
 - CONTRACTOR SHALL SUBMIT TO THE CITY A DUST CONTROL PLAN AND MONITORING SCHEDULE TWO (2) DAYS PRIOR TO COMMENCING WORK.
 - AREAS OF EARTH EXPOSED BY CLEARING, EARTHMOVING, OR EXCAVATION SHALL BE MINIMIZED AT ALL TIMES.
 - DURING GRADING AND CONSTRUCTION, STREETS AND ALLEYS NEXT TO WORK AREA SHALL BE SWEEPED AT LEAST ONCE A DAY, AND AS REQUIRED BY THE CITY TO REMOVE SILT WHICH MAY HAVE ACCUMULATED FROM CONSTRUCTION ACTIVITIES.

CONSTRUCTION NOTES - DEMOLITION

- WORK SHALL CONSIST OF DEMOLISHING ALL ABOVE GROUND STRUCTURES AND IMPROVEMENTS WITHIN THE DEMOLITION LIMITS DELINEATED UNLESS NOTED OTHERWISE ON PLANS. PAVEMENT AND BASE ROCK SHALL BE REMOVED TO THE SUBGRADE. ALL VEGETATION, SHRUBS AND TREES NOT NOTED TO BE PROTECTED ON THE PLANS SHALL BE REMOVED.
- TREES TO BE PROTECTED SHALL BE PROTECTED FROM DAMAGE TO TRUNKS, BRANCHES AND ROOTS.
- MATERIAL REMOVED FROM SITE SHALL BE DISPOSED OF IN A MANNER CONSISTENT WITH LOCAL, STATE AND ALL OTHER APPLICABLE REGULATIONS.
- ITEMS THAT ARE INDICATED TO BE PROTECTED IN PLACE SHALL BE REPLACED OR REPAIRED, TO THE SATISFACTION OF THE CITY, AT NO EXPENSE, IF DESTROYED OR DAMAGED.
- CONTRACTOR MAY BE INSTRUCTED TO PROTECT ADDITIONAL ITEMS IN PLACE BY THE PROJECT INSPECTOR, PROJECT ENGINEER, OR PROJECT MANAGER.
- UNDERGROUND UTILITIES AND THEIR SURFACE APPURTENANCES SHALL BE PROTECTED IN PLACE UNLESS NOTED OTHERWISE ON THE PLANS.

PRELIMINARY
NOT FOR CONSTRUCTION

CENTERLINE COORDINATE CONTROL

CONTROL PT. #	NORTHING	EASTING
1	5072.73	4837.91
2	5027.77	4997.66
3	5017.60	5029.64
4	4884.78	5403.37
5	4862.28	5609.85
6	4868.77	5661.81
7	5150.64	5933.89
8	5218.72	5939.96

BENCHMARK / EXISTING PROJECT CONTROL

- BPM #1:**
P-1" NAIL WITH SHINER ON SOUTH SIDE OF RIVERFRONT TRAIL
NORTHING: 5000.00 EASTING: 5000.00 ELEV. 221.43
- BPM #2:**
P-1" NAIL WITH SHINER ON SOUTH SIDE OF RIVERFRONT TRAIL AT GATE
NORTHING: 4771.76 EASTING: 5652.92 ELEV. 228.76
- BPM #3:**
NAIL WITH MARKED DISC STAMPED, "USCE 198, 85-93-02" (PROJECT BENCHMARK)
NORTHING: 5000.00 EASTING: 5907.33 ELEV. 200.00 (ASSUMED)

SHEET INDEX

COVER SHEET	.....	C0.1
TOPOGRAPHICAL SURVEY	.....	C1.1-C1.3
LAYOUT AND EROSION CONTROL PLAN	.....	C3.1-C3.3
GRADING AND DRAINAGE SHEETS	.....	C5.1-C5.3
DETAIL SHEETS	.....	C7.1-C7.2

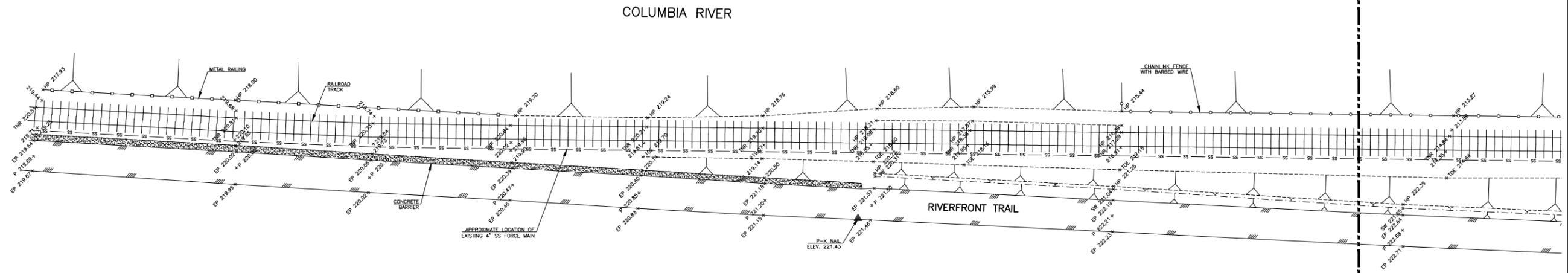
NO.	DATE	REVISIONS

CITY OF THE DALLES
PUBLIC WORKS DEPARTMENT
1215 West First Street
The Dalles, Oregon 97058
(541) 296-5401



A COVER SHEET FOR:
**PATTERSON PARK
TRAIL CONSTRUCTION**

NAME	MHB
DATE	12-28-10
SCALE	AS NOTED
CHECKED	
SHEET	C0.1
OF	SHEET
JOB NO.	



LEGEND

FL	FLOWLINE
HP	HINGE POINT
P	TOP OF PAVEMENT
TNR	TOP OF NORTH RAIL
TW	TOP OF WALL
EP	EDGE OF PAVEMENT
C	TOP OF CONCRETE
•	WATER VALVE
•	POST
●	MANHOLE
○	EXISTING GROUND ELEVATION
▲	FOUND MONUMENT
GR	GRATE
*	SPRINKLER

THE EXISTING UNDERGROUND UTILITY LINES SHOWN ARE BASED ON THE LOCATION OF VISIBLE SURFACE IMPROVEMENTS AND BASEMAPS. ALTHOUGH EVERY EFFORT HAS BEEN MADE TO ACCURATELY SHOW THE UNDERGROUND UTILITY LINES, IT WILL BE NECESSARY TO CONFIRM THE LOCATIONS BY CALLING 1-800-332-2344 FOR UTILITY LOCATIONS PRIOR TO DIGGING.



MATCHLINE
SEE SHIT. C1.2

REDUCED
APPROXIMATELY HALF-SCALE

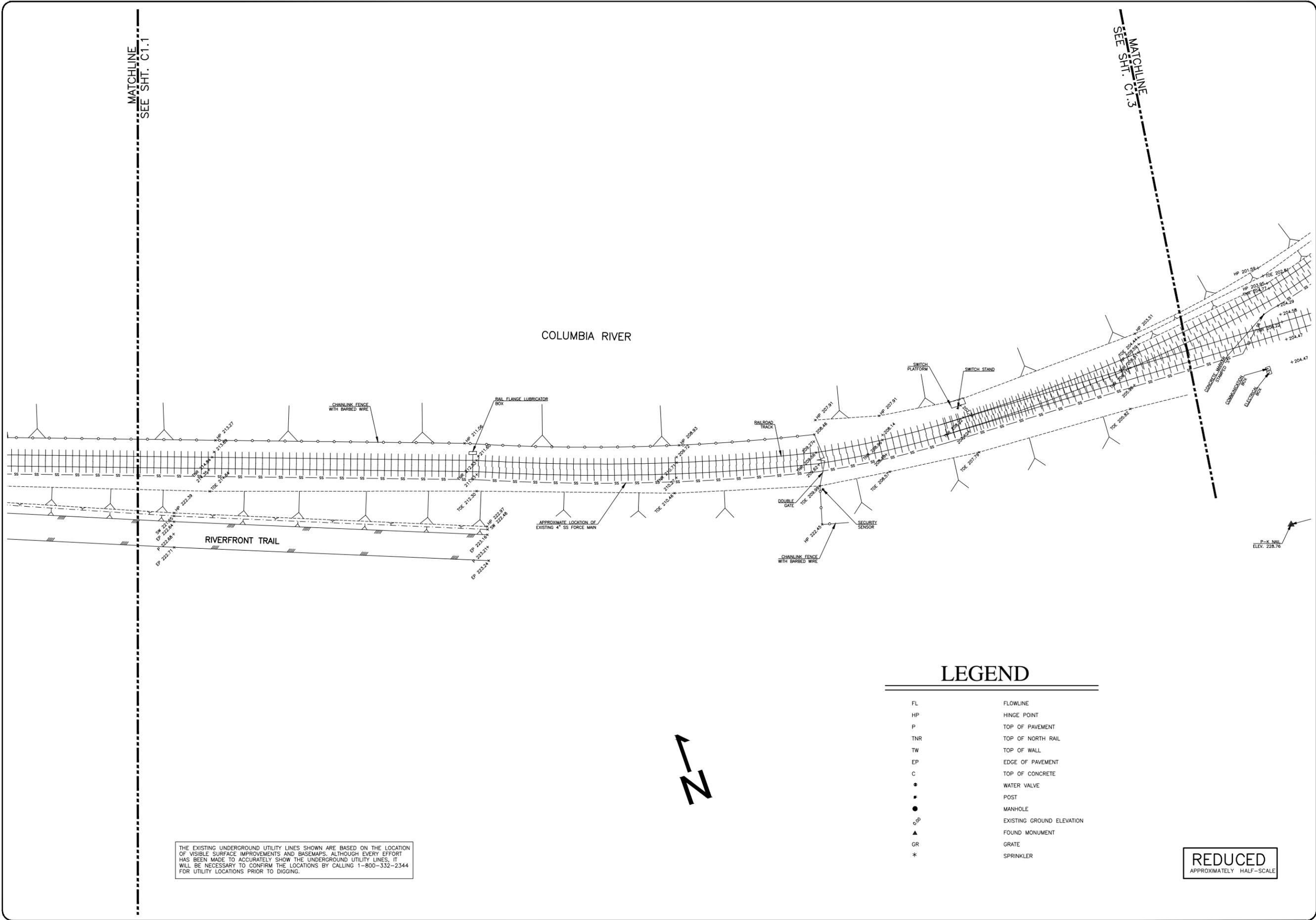
NO.	DATE	REVISIONS

CITY OF THE DALLES
PUBLIC WORKS DEPARTMENT
1215 West First Street



A TOPOGRAPHIC SURVEY FOR:
PATTERSON PARK TRAIL CONSTRUCTION

NAME	MHB
DATE	12-17-
SCALE	1"=20'
CHECKED	
SHEET	C1.1
OF	
JOB NO.	



THE EXISTING UNDERGROUND UTILITY LINES SHOWN ARE BASED ON THE LOCATION OF VISIBLE SURFACE IMPROVEMENTS AND BASEMAPS. ALTHOUGH EVERY EFFORT HAS BEEN MADE TO ACCURATELY SHOW THE UNDERGROUND UTILITY LINES, IT WILL BE NECESSARY TO CONFIRM THE LOCATIONS BY CALLING 1-800-332-2344 FOR UTILITY LOCATIONS PRIOR TO DIGGING.

LEGEND

FL	FLOWLINE
HP	HINGE POINT
P	TOP OF PAVEMENT
TNR	TOP OF NORTH RAIL
TW	TOP OF WALL
EP	EDGE OF PAVEMENT
C	TOP OF CONCRETE
•	WATER VALVE
•	POST
●	MANHOLE
0.00	EXISTING GROUND ELEVATION
▲	FOUND MONUMENT
GR	GRATE
*	SPRINKLER

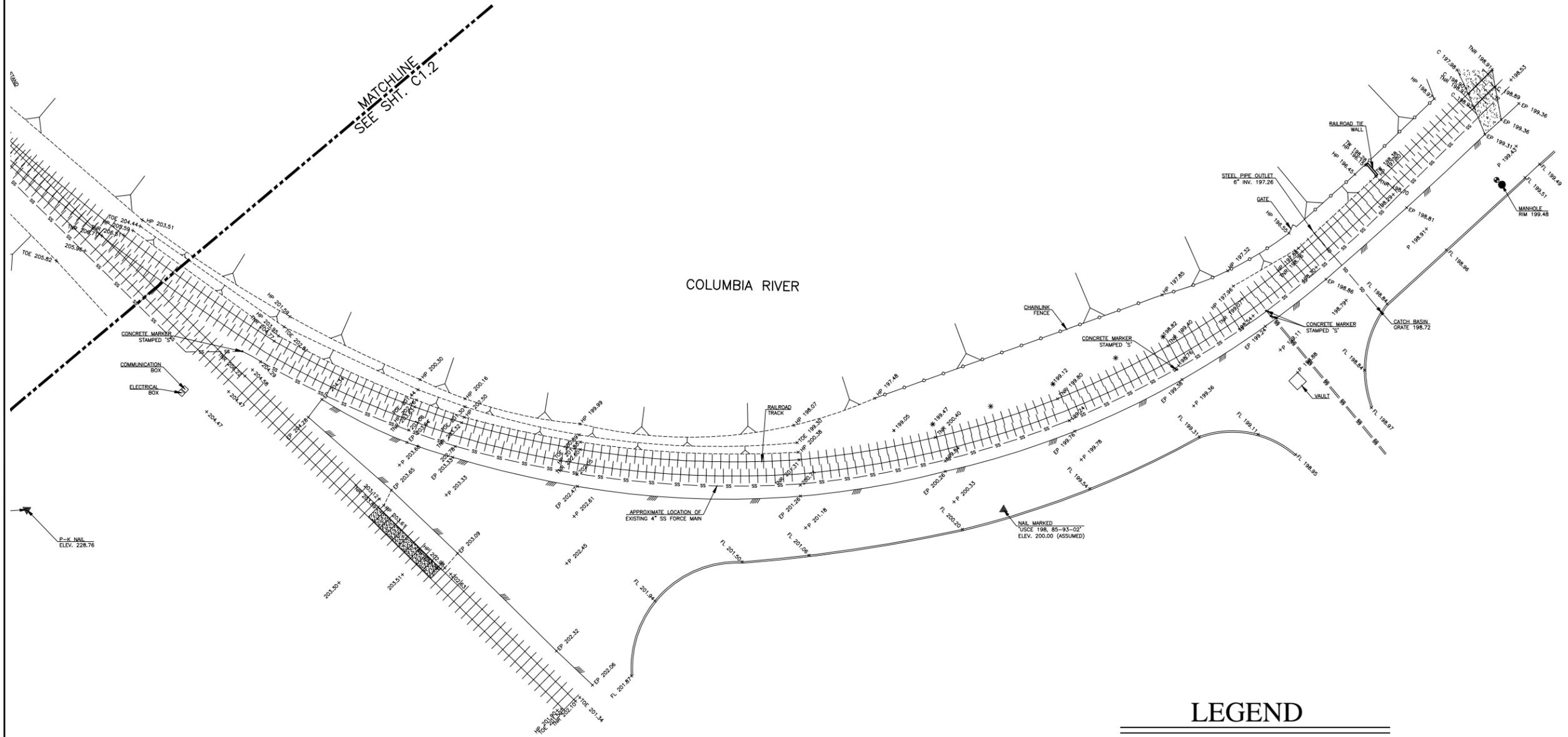
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NO.	DATE	REVISIONS

CITY OF THE DALLES
PUBLIC WORKS DEPARTMENT
1215 West First Street
The Dalles, Oregon 97130

A TOPOGRAPHIC SURVEY FOR:
PATTERSON PARK TRAIL CONSTRUCTION

NAME	MHB
DATE	12-17-
SCALE	1"=20'
CHECKED	
SHEET	C1.2
OF	5
JOB NO.	



THE EXISTING UNDERGROUND UTILITY LINES SHOWN ARE BASED ON THE LOCATION OF VISIBLE SURFACE IMPROVEMENTS AND BASEMAPS. ALTHOUGH EVERY EFFORT HAS BEEN MADE TO ACCURATELY SHOW THE UNDERGROUND UTILITY LINES, IT WILL BE NECESSARY TO CONFIRM THE LOCATIONS BY CALLING 1-800-332-2344 FOR UTILITY LOCATIONS PRIOR TO DIGGING.

LEGEND

- | | |
|-----|---------------------------|
| FL | FLOWLINE |
| HP | HINGE POINT |
| P | TOP OF PAVEMENT |
| TNR | TOP OF NORTH RAIL |
| TW | TOP OF WALL |
| EP | EDGE OF PAVEMENT |
| C | TOP OF CONCRETE |
| ● | WATER VALVE |
| • | POST |
| ● | MANHOLE |
| ○ | EXISTING GROUND ELEVATION |
| ▲ | FOUND MONUMENT |
| GR | GRATE |
| * | SPRINKLER |

REDUCED
APPROXIMATELY HALF-SCALE

NO.	DATE	REVISIONS

CITY OF THE DALLES
PUBLIC WORKS DEPARTMENT
1215 West First Street
The Dalles, Oregon 97058

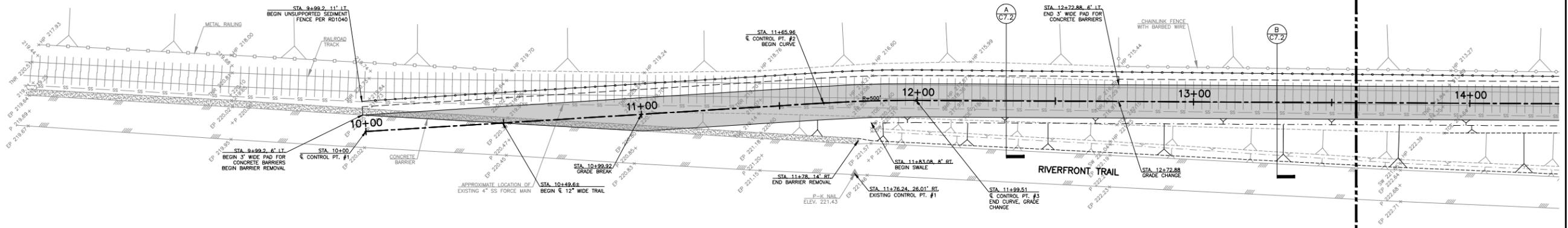


A TOPOGRAPHIC SURVEY FOR:
PATTERSON PARK TRAIL CONSTRUCTION

NAME	MHB
DATE	12-17-10
SCALE	1"=20'
CHECKED	
SHEET	C1.3
OF	SHI
JOB NO.	

NOTES

1. SEE SHEET C0.1 FOR GENERAL NOTES AND INFORMATION.
2. SEE SHEET C0.1 FOR PROJECT CONTROL AND BENCHMARK.
3. ALL STORM DRAIN, SANITARY SEWER, AND WATER LINES, EXISTING AND NEW, SHALL HAVE AT LEAST 2' OF COVER. LINES WITH LESS THAN 2' FROM FINISHED SURFACE TO TOP OF PIPE SHALL HAVE A CONCRETE CAP CONSTRUCTED PER STANDARD RD306.
4. PROVIDE A CONSTRUCTION ENTRANCE PER RD1000 AT ALL PROJECT ACCESS POINTS.



MATCHLINE
SEE SHT: C3.2

COLUMBIA RIVER

RIVERFRONT TRAIL



PRELIMINARY
NOT FOR CONSTRUCTION

REDUCED
APPROXIMATELY HALF-SCALE

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NO.	DATE	REVISIONS

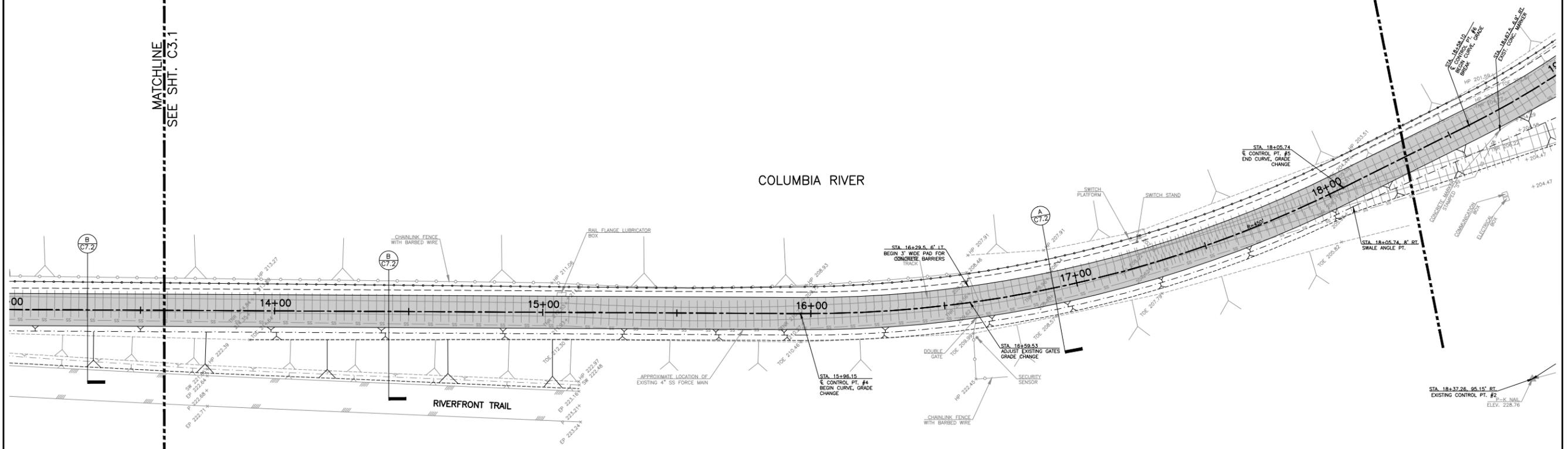
CITY OF THE DALLES
PUBLIC WORKS DEPARTMENT
1215 West First Street
The Dalles Oregon 97058

A LAYOUT AND EROSION CONTROL PLAN FOR:
**PATTERSON PARK
TRAIL CONSTRUCTION**

NAME	MHB
DATE	12-23-1
SCALE	1"=20'
CHECKED	
SHEET	C3.1
OF	SE
JOB NO.	

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PRELIMINARY
NOT FOR CONSTRUCTION

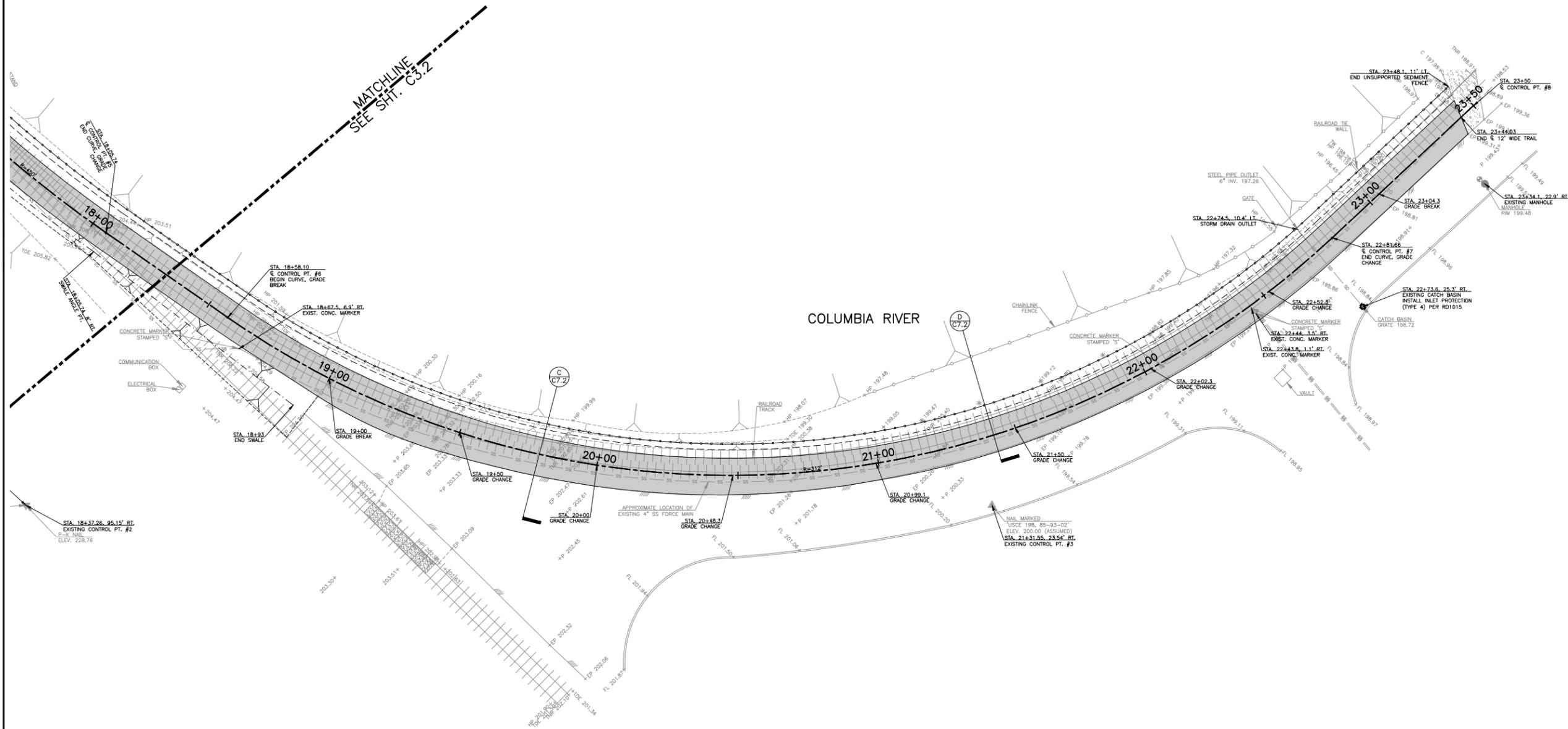
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NO.	DATE	REVISIONS

CITY OF THE DALLES
PUBLIC WORKS DEPARTMENT
1215 West First Street
The Dalles, Oregon 97058

A LAYOUT AND EROSION CONTROL PLAN FOR:
**PATTERSON PARK
TRAIL CONSTRUCTION**

NAME	MHB
DATE	12-23-1
SCALE	1"=20'
CHECKED	
SHEET	C3.2
OF	5
JOB NO.	



NOTES

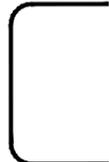
1. SEE SHEET CO.1 FOR GENERAL NOTES AND INFORMATION.
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4. PROVIDE A CONSTRUCTION ENTRANCE PER RD1000 AT ALL PROJECT ACCESS POINTS.



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NO.	DATE	REVISIONS



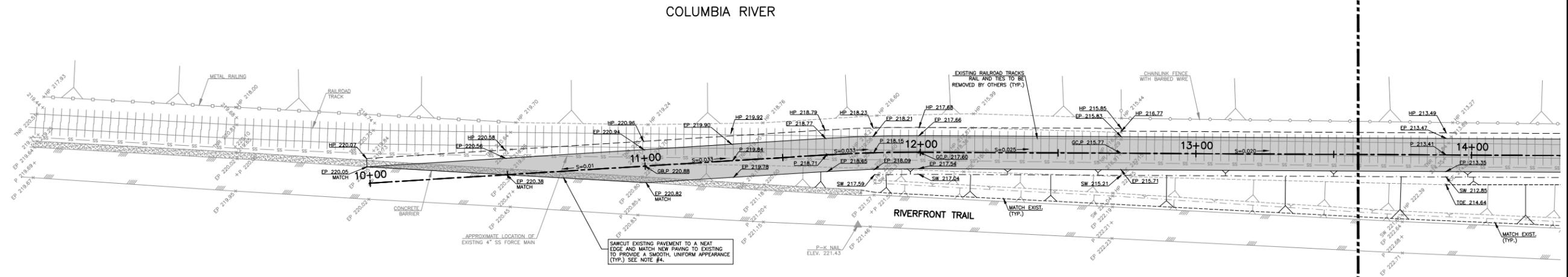
CITY OF THE DALLES
PUBLIC WORKS DEPARTMENT
1215 West First Street
The Dalles, Oregon 97058

A LAYOUT AND EROSION CONTROL PLAN FOR:
PATTERSON PARK TRAIL CONSTRUCTION

NAME	MHB
DATE	12-23-11
SCALE	1"=20'
CHECKED	
SHEET	C3.3
OF	5F
JOB NO.	

LEGEND

FL	FLOWLINE
HP	HINGE POINT
P	TOP OF PAVEMENT
TNR	TOP OF NORTH RAIL
TW	TOP OF WALL
EP	EDGE OF PAVEMENT
C	TOP OF CONCRETE
•	WATER VALVE
•	POST
●	MANHOLE
○	EXISTING GROUND ELEVATION
▲	FOUND MONUMENT
GR	GRATE
*	SPRINKLER
BB	BOTTOM OF BARRIER



NOTES:

- SEE SHEET C0.1 FOR GENERAL CONSTRUCTION NOTES.
- SEE SHEET C0.1 FOR PROJECT CONTROL AND BENCHMARK.
- ALL STORM DRAIN, SANITARY SEWER, AND WATER LINES, EXISTING AND NEW, SHALL HAVE AT LEAST 2" OF COVER. LINES WITH LESS THAN 2" FROM FINISHED SURFACE TO TOP OF PIPE SHALL HAVE A CONCRETE CAP CONSTRUCTED PER STANDARD RD306.
- SEAL SURFACE OVER JOINT BETWEEN OLD AND NEW ASPHALT WITH TACK MATERIAL AND SAND.



PRELIMINARY
NOT FOR CONSTRUCTION

REDUCED
APPROXIMATELY HALF-SCALE

MATCHLINE
SEE SHT. C5.2

CITY OF THE DALLES
PUBLIC WORKS DEPARTMENT
1215 West First Street
The Dalles, Oregon 97058
(541) 296-5401

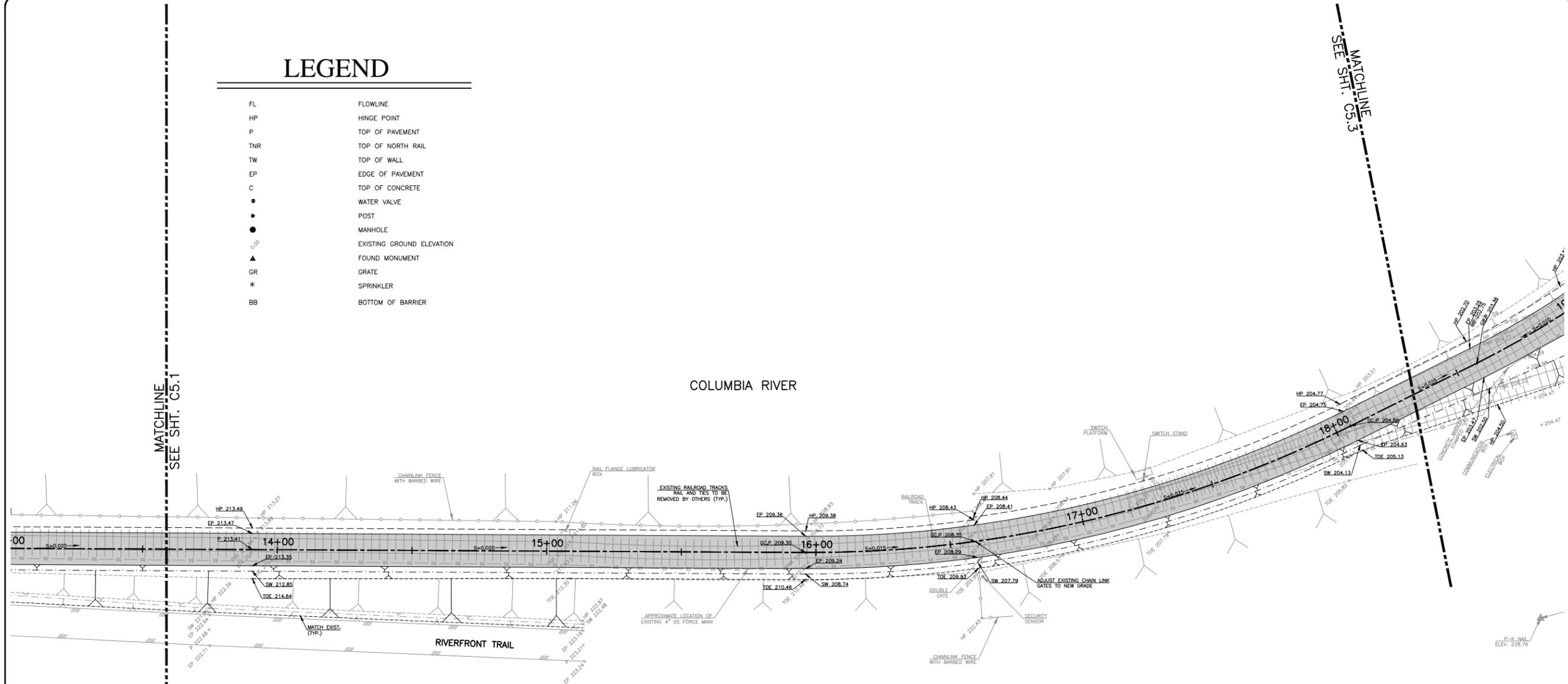
A GRADING AND DRAINAGE PLAN FOR:
**PATTERSON PARK
TRAIL CONSTRUCTION**

NAME	MHB
DATE	12-21-10
SCALE	1"=20'
CHECKED	
SHEET	
C5.1	
OF	SHEET
JOB NO.	

NO.	DATE	REVISIONS

LEGEND

FL	FLOWLINE
HP	HINGE POINT
P	TOP OF PAVEMENT
TNR	TOP OF NORTH RAIL
TW	TOP OF WALL
EP	EDGE OF PAVEMENT
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•	POST
•	MANHOLE
○	EXISTING GROUND ELEVATION
▲	FOUND MONUMENT
GR	GRATE
*	SPRINKLER
BB	BOTTOM OF BARRIER



NOTES:

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2. SEE SHEET C0.1 FOR PROJECT CONTROL AND BENCHMARK.
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PRELIMINARY
NOT FOR CONSTRUCTION

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APPROXIMATELY HALF-SCALE

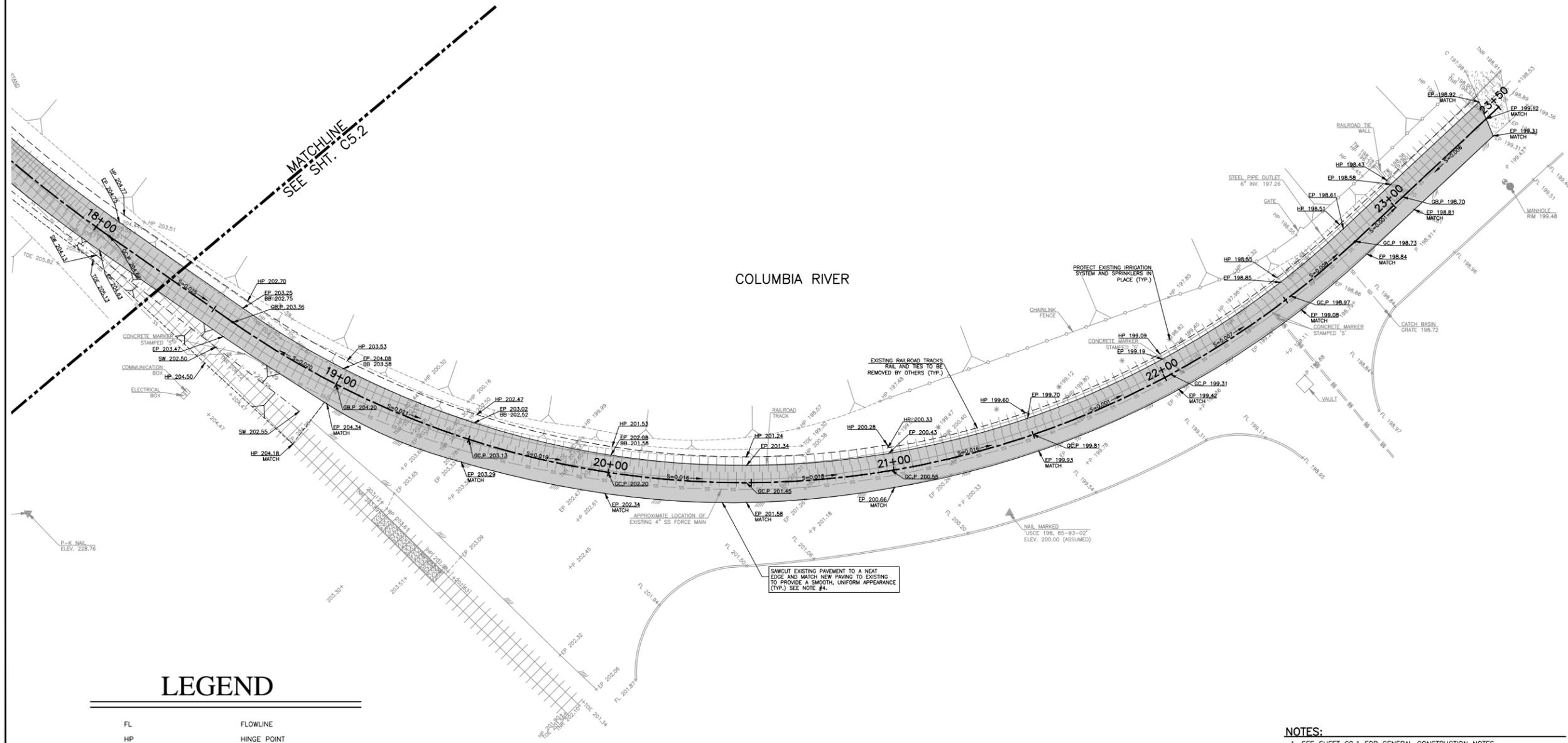
CITY OF THE DALLES
PUBLIC WORKS DEPARTMENT
1215 West First Street
The Dalles, Oregon 97058
(541) 296-5401



A GRADING AND DRAINAGE PLAN FOR:
PATTERSON PARK TRAIL CONSTRUCTION

NAME	MHB
DATE	12-21-10
SCALE	1"=20'
CHECKED	
SHEET	
C5.2	
OF	SHEET
JOB NO.	

NO.	DATE	REVISIONS



LEGEND

FL	FLOWLINE
HP	HINGE POINT
P	TOP OF PAVEMENT
TNR	TOP OF NORTH RAIL
TW	TOP OF WALL
EP	EDGE OF PAVEMENT
C	TOP OF CONCRETE
•	WATER VALVE
•	POST
●	MANHOLE
○	EXISTING GROUND ELEVATION
▲	FOUND MONUMENT
GR	GRATE
*	SPRINKLER
BB	BOTTOM OF BARRIER

- NOTES:**
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 - SEE SHEET C0.1 FOR PROJECT CONTROL AND BENCHMARK.
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 - SEAL SURFACE OVER JOINT BETWEEN OLD AND NEW ASPHALT WITH TACK MATERIAL AND SAND.

PRELIMINARY
NOT FOR CONSTRUCTION

REDUCED
APPROXIMATELY HALF-SCALE



NO.	DATE	REVISIONS

CITY OF THE DALLES
PUBLIC WORKS DEPARTMENT
1215 West First Street
The Dalles, Oregon 97058
(541) 296-5401

A GRADING AND DRAINAGE PLAN FOR:
PATTERSON PARK TRAIL CONSTRUCTION

NAME	MHB
DATE	12-21-10
SCALE	1"=20'
CHECKED	
SHEET	
C5.3	
OF SHEET	
JOB NO.	

CONCRETE ENCASEMENT DETAIL

SADDLE

REINFORCED CONCRETE COLLAR

GENERAL NOTES FOR ALL DETAILS:

- All concrete shall be commercial grade concrete.
- Mind all reinforcing 2" clear of ground, forms or top surface.
- Trim top surface of saddle, and grade.
- Reinforcement shall be #4 vertical & horizontal bars as shown.
- See Std. Drg. RD300 for trench bedding, bedding, etc.
- See Std. Drg. RD300 for truss wire details (When required).
- Pipe over 72" diameter are structures, and are not applicable to this drawing.

OREGON STANDARD DRAWINGS

CONCRETE ENCASEMENT, SADDLE, AND CAP DETAILS

2008

Effective Date: December 1, 2010 - May 31, 2011 RD306

CONSTRUCTION ENTRANCES

NOTE: This plan is not a legal engineering document but an electronic duplicate. The original signed by the engineer and approved for publication is kept on file at the Oregon Department of Transportation. A copy may be obtained upon request.

OREGON STANDARD DRAWINGS

CONSTRUCTION ENTRANCES

2008

Effective Date: December 1, 2010 - May 31, 2011 RD1000

DITCH INLET

CATCH BASIN

AREA DRAIN

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OREGON STANDARD DRAWINGS

INLET PROTECTION (TYPE) BIOPILER BAGS

2008

Effective Date: December 1, 2010 - May 31, 2011 RD1015

PLAN VIEW AT DITCH SECTION

ELEVATION VIEW AT DITCH SECTION OR LOW AREAS

GEOTEXTILE END CONNECTIONS

TABLE 1 FENCE SPACING FOR GENERAL APPLICATION

GRADE	MAXIMUM SPACING ON GRADE
Grade < 10%	30'
10% < Grade < 15%	15'
15% < Grade < 20%	10'
20% < Grade < 30%	5'
30% < Grade	2'

TABLE 2 POST SPACING

4' Supported Sediment Fence
6' Unsupported Sediment Fence with Geotextile elongation less than 50%
4' Unsupported Sediment Fence with Geotextile elongation more than 50%

NOTE: Geotextile grab elongation value as documented by "Level 9" manufacturer's documentation (See Standard Specifications).

OREGON STANDARD DRAWINGS

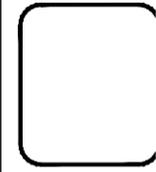
SEDIMENT FENCE, SUPPORTED/ UNSUPPORTED

2008

Effective Date: December 1, 2010 - May 31, 2011 RD1040

PRELIMINARY
NOT FOR CONSTRUCTION

NO.	DATE	REVISIONS



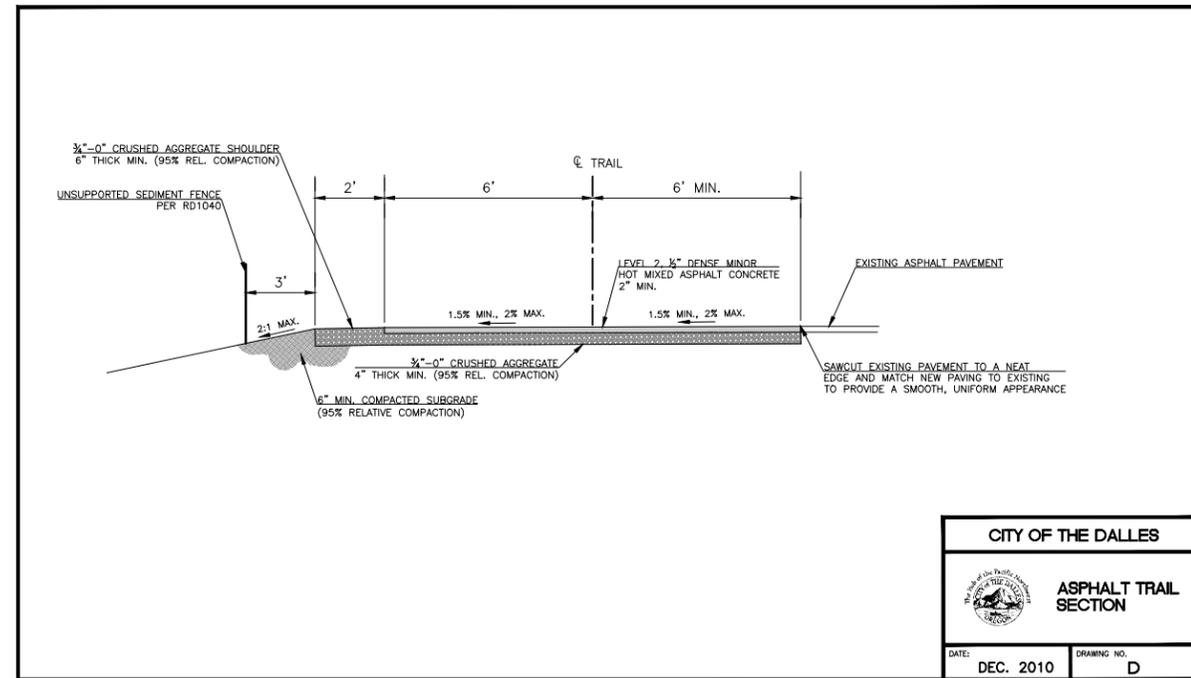
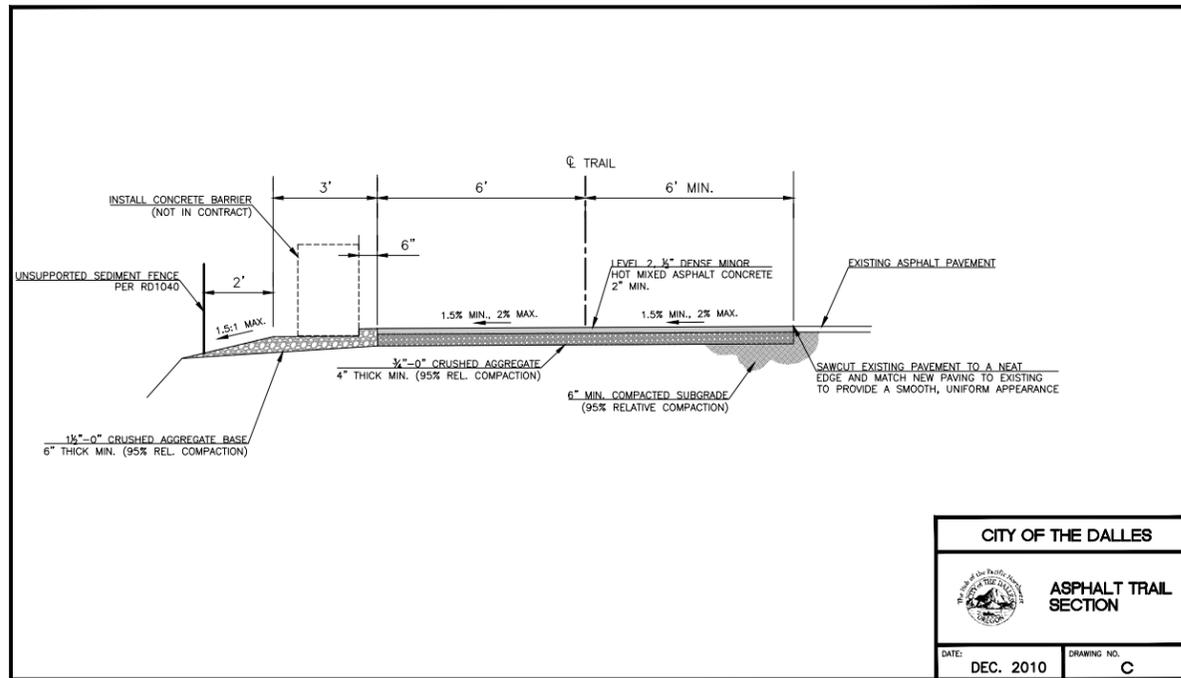
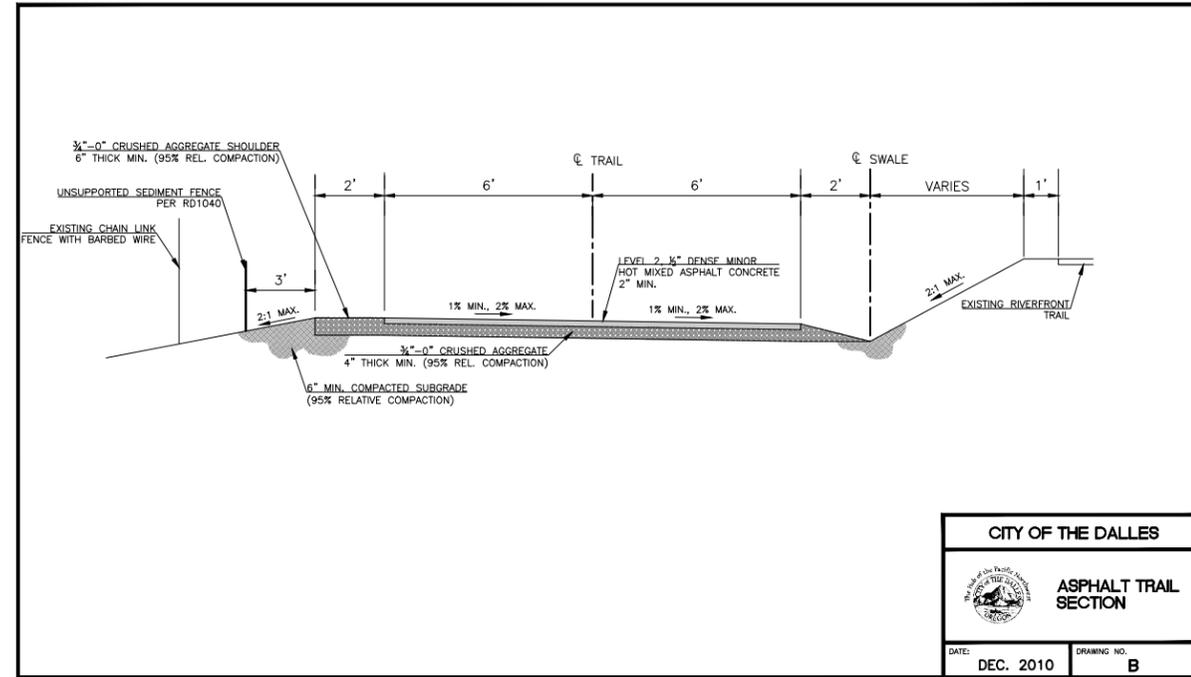
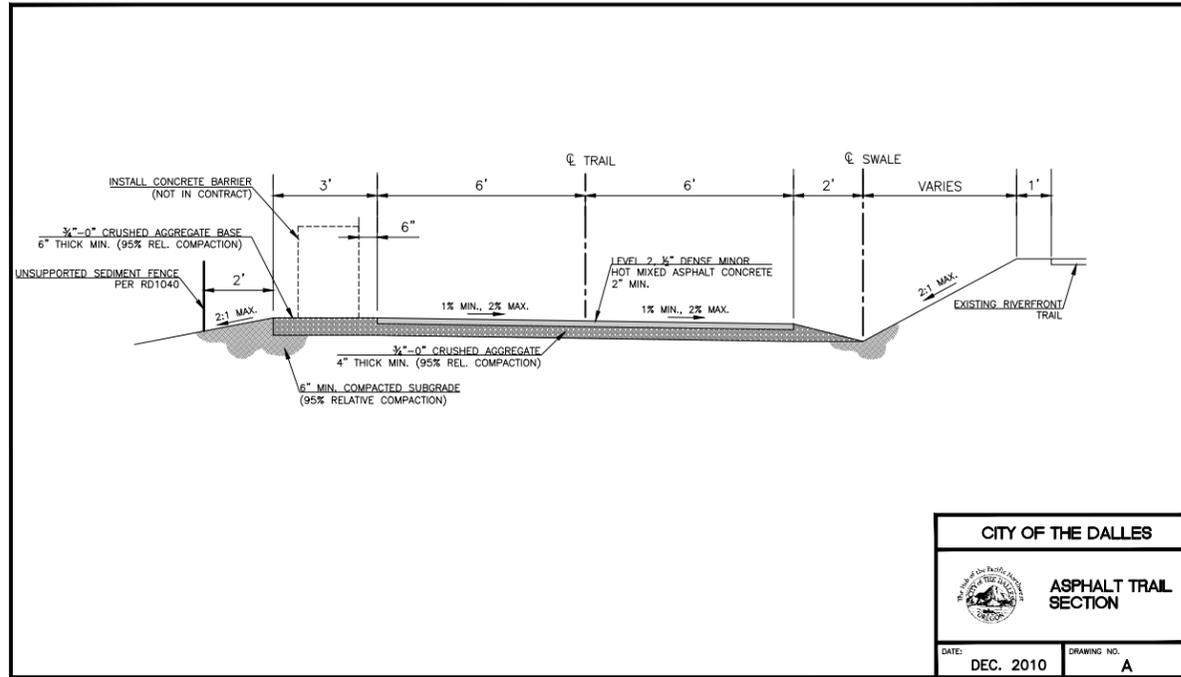
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A DETAIL SHEET FOR:
PATTERSON PARK TRAIL CONSTRUCTION
THE DALES, OREGON

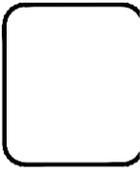
NAME	MHB
DATE	12-28-10
SCALE	AS NOTED
CHECKED	
SHEET	
C7.1	
OF SHEETS	
JOB NO.	

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PRELIMINARY
NOT FOR CONSTRUCTION

NO.	DATE	REVISIONS



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PUBLIC WORKS DEPARTMENT
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The Dalles, Oregon 97058
(541) 296-5401

A DETAIL SHEET FOR:
**PATTERSON PARK
TRAIL CONSTRUCTION**
THE DALLES, OREGON

NAME	MHB
DATE	12-28-10
SCALE	AS NOTED
CHECKED	
SHEET	
C7.2	
OF	SHEETS
JOB NO.	