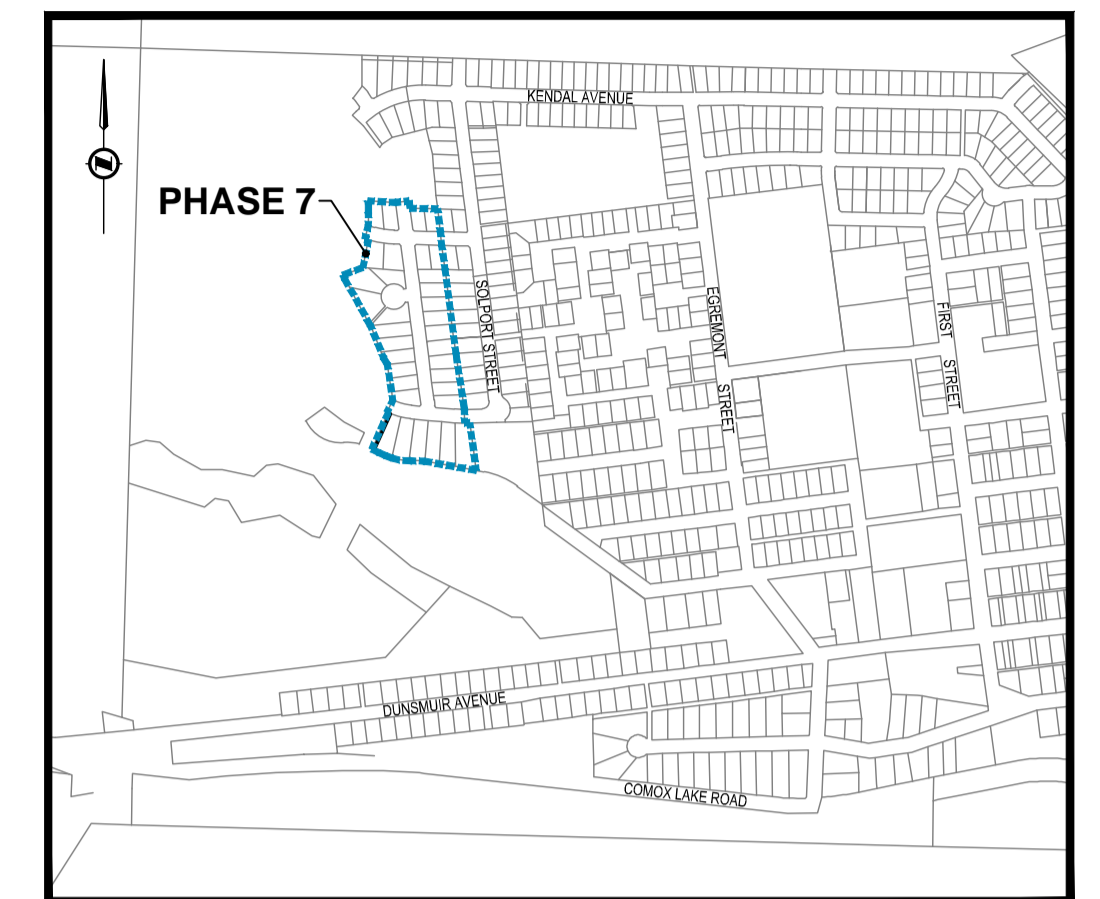


DATE: 2018-02-07, 09:31, FILE: G:\2111 Engineering\68000 - 48999\4871-10\CVE Phase 7\10.0 Drawings\10.2 Engineering\10.21 Sheets\4871-C10-000 - Title Page.dwg

CLIENT **COAL VALLEY ESTATES JOINT VENTURE INC.**

DESCRIPTION **COAL VALLEY ESTATES PHASE 7  
34 LOT SUBDIVISION  
REM. D.L. 24, NELSON DISTRICT, PLAN EPP53358  
CUMBERLAND, BC**



LOCATION PLAN

McELHANNEY PROJECT **2211 46871-10**

STATUS **ISSUED FOR CONSTRUCTION - FEBRUARY 2018**

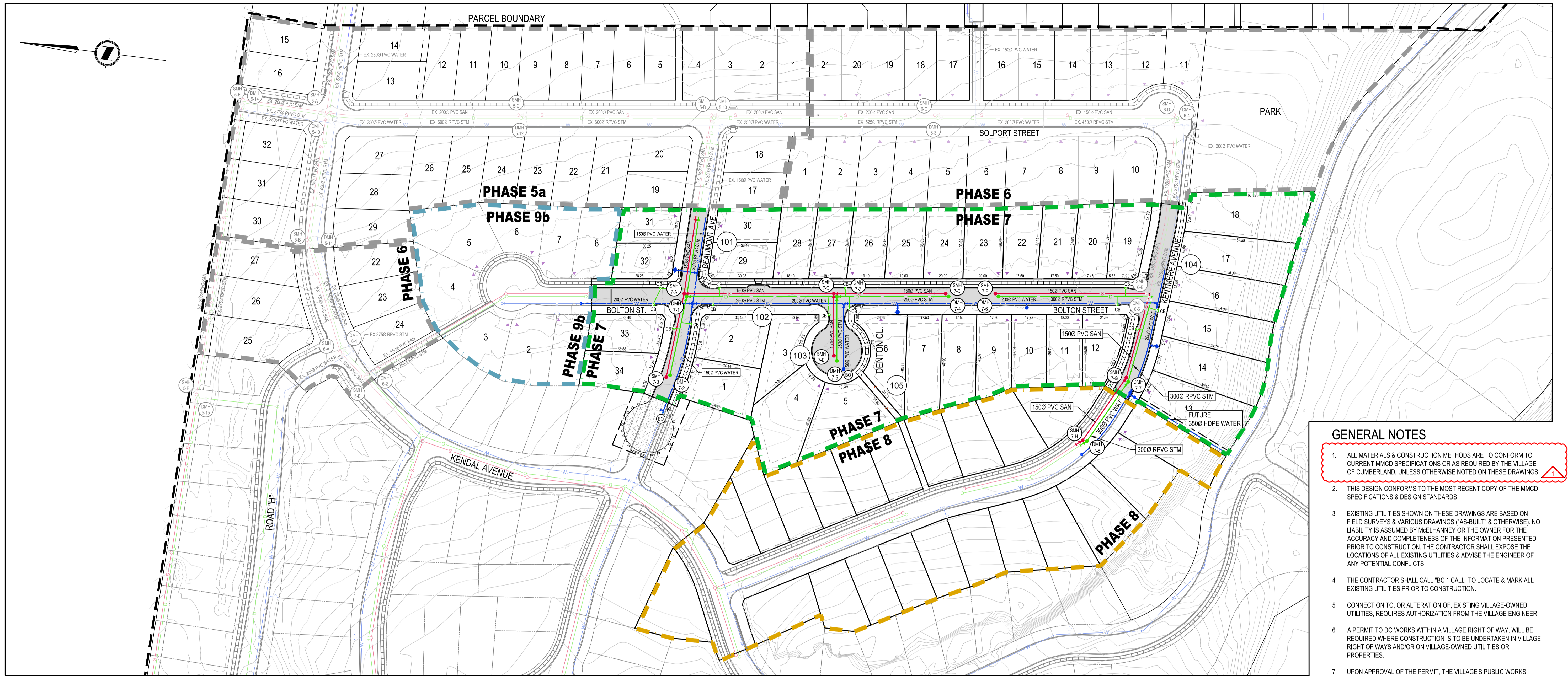


**McElhanney**

**McElhanney Consulting Services Ltd.**

495 Sixth Street  
Courtenay BC  
Canada V9N 6V4  
Tel 250 338 5495

DRAWING LIST											
SHEET NUMBER	NAME	REVISIONS									
		PA	PB	PC	PD	PE	PF	PG	0	1	2
100	SITE PLAN										
101	BEAUMONT AVENUE - PLAN / PROFILE - 1+000 TO 1+165										
102	BOLTON STREET - PLAN / PROFILE - 2+000 TO 2+360										
103	DENTON CLOSE - PLAN / PROFILE - 3+000 TO 3+070										
104	KENTMERE AVENUE - PLAN / PROFILE - 4+000 TO 4+140										
105	WALKWAY - PLAN / PROFILE - 5+000 TO 5+090										
200	TYPICAL SECTIONS & DETAILS										
201	CURB RETURN GRADING DETAILS										
202	AIR VALVE DETAIL										
300	BEAUMONT AVENUE CROSS SECTIONS										
301	BOLTON STREET CROSS SECTIONS										
302	BOLTON STREET CROSS SECTIONS										
303	DENTON CLOSE CROSS SECTIONS										
304	KENTMERE AVENUE CROSS SECTIONS										
400	LOT GRADING PLAN										
500	STREET LIGHTING PLAN										
501	SIGNAGE & PAINT MARKING PLAN										
600	3rd PARTY UTILITY COORDINATION PLAN										
700	SUGGESTED EROSION & SEDIMENT CONTROL PLAN										
800	STREET TREE PLAN										



- ### GENERAL NOTES
- ALL MATERIALS & CONSTRUCTION METHODS ARE TO CONFORM TO CURRENT MMCD SPECIFICATIONS OR AS REQUIRED BY THE VILLAGE OF CUMBERLAND, UNLESS OTHERWISE NOTED ON THESE DRAWINGS.
  - THIS DESIGN CONFORMS TO THE MOST RECENT COPY OF THE MMCD SPECIFICATIONS & DESIGN STANDARDS.
  - EXISTING UTILITIES SHOWN ON THESE DRAWINGS ARE BASED ON FIELD SURVEYS & VARIOUS DRAWINGS ("AS-BUILT" & OTHERWISE). NO LIABILITY IS ASSUMED BY McELHANNEY OR THE OWNER FOR THE ACCURACY AND COMPLETENESS OF THE INFORMATION PRESENTED. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXPOSE THE LOCATIONS OF ALL EXISTING UTILITIES & ADVISE THE ENGINEER OF ANY POTENTIAL CONFLICTS.
  - THE CONTRACTOR SHALL CALL "BC 1 CALL" TO LOCATE & MARK ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION.
  - CONNECTION TO, OR ALTERATION OF, EXISTING VILLAGE-OWNED UTILITIES, REQUIRES AUTHORIZATION FROM THE VILLAGE ENGINEER.
  - A PERMIT TO DO WORKS WITHIN A VILLAGE RIGHT OF WAY, WILL BE REQUIRED WHERE CONSTRUCTION IS TO BE UNDERTAKEN IN VILLAGE RIGHT OF WAYS AND/OR ON VILLAGE-OWNED UTILITIES OR PROPERTIES.
  - UPON APPROVAL OF THE PERMIT, THE VILLAGE'S PUBLIC WORKS DEPT. SHALL BE NOTIFIED 48 HOURS PRIOR TO COMMENCEMENT OF WORK.
  - TWO WEEKS NOTICE TO CUMBERLAND PUBLIC WORKS IS REQUIRED PRIOR TO CONNECTION TO EXISTING INFRASTRUCTURE.
  - PIPE TRENCHES HAVE BEEN OVER-BLASTED AS PART OF PREVIOUS WORKS. ALL FRACTURED MATERIAL MUST BE REMOVED FROM BELOW PROPOSED PIPES & REPLACED WITH COMPACTED BACKFILL & BEDDING TO THE SATISFACTION OF THE GEOTECHNICAL ENGINEER.
  - BOULEVARDS SHALL BE GRADED IN ACCORDANCE WITH THE VILLAGE OF CUMBERLAND SUBDIVISION SERVICING BYLAW.
  - ALL CONCRETE CURBS (AS PER MMCD STD. DWG. C4) ARE TO BE ROLL-OVER CURBS, EXCEPT ALONG THE PERIMETER OF A PARK, AS DIRECTED BY THIRD PARTY UTILITIES (FOR THE PROTECTION OF THEIR APPURTENANCES) OR AS SHOWN ON THESE DRAWINGS, WHICH ARE TO BE BARRIER CURB.
  - THE CONTRACTOR SHALL CONTROL EROSION & SEDIMENTATION BY APPLICATION OF METHODS DEFINED IN THE PROVINCIAL (MINISTRY OF ENVIRONMENT & MINISTRY OF FORESTS, LANDS & NATURAL RESOURCE OPERATIONS) "DEVELOP WITH CARE (2014) - ENVIRONMENTAL GUIDELINES FOR URBAN AND RURAL LAND DEVELOPMENT IN BRITISH COLUMBIA", APPENDIX B AND AMENDMENTS THERETO.
  - SEE SHEET 700 FOR SUGGESTED EROSION & SEDIMENT CONTROL PLAN.
  - A DETAILED TREE MANAGEMENT AND LANDSCAPING PLAN WILL BE PREPARED BY OTHERS.
  - REFER TO THE FOLLOWING MCSD DRAWINGS FOR PREVIOUS PHASES:  
 PHASE 4a: 46871-1  
 PHASE 5a: 46871-6  
 PHASE 6: 46871-8

EXISTING	DESCRIPTION	PROPOSED
	PHASE 7 BOUNDARY	
	GROUND CONTOUR	
	SANITARY SEWER	
	SANITARY MANHOLE	
	STORM SEWER	
	STORM MANHOLE	
	CATCH BASIN	
	WATER MAIN	
	WATER VALVE	
	HYDRANT ASSEMBLY	
	AIR VALVE	
	PERMANENT BLOW-OFF	
	TEMPORARY BLOW-OFF	
	SERVICE POINT (ALL SERVICES)	
	SERVICE POINT (WATER ONLY)	
	STREET LIGHT	
	TRANSFORMER (LPT)	
	STREET LIGHT DUCT	
	HYDRO DUCT	
	CABLE DUCT	
	TELUS DUCT	
	GAS DUCT	
	FENCE (WOOD)	
	FENCE (CHAIN LINK)	
	SIGN	
	PLAN / PROFILE SHEET REFERENCE	

### DATUM & SURVEY CONTROL NOTES

ELEVATIONS ARE GEODETIC AND ARE DERIVED FROM DUAL FREQUENCY GLOBAL POSITIONING SYSTEM (GPS) TIES TO CONTROL MONUMENTS 90H6255 (GCM #49919) AND 90H6253 (GCM #370163).

**BENCH MARKS:**

- ARROWHEAD ON HYDRANT ON KENDAL AVENUE AT PHASE 4A LOTS 24/25 - ELEVATION 176.930m
- ARROWHEAD ON HYDRANT ON KENDAL AVENUE AT PHASE 4A LOT 17 - ELEVATION 181.318m
- ARROWHEAD ON HYDRANT ON SOLPORT STREET ADJACENT PHASE 5A LOT 32 - ELEVATION 180.538m
- ARROWHEAD ON HYDRANT ON SOLPORT STREET AT PHASE 5A LOT 22/23 - ELEVATION 186.412m
- ARROWHEAD ON HYDRANT ON SOLPORT STREET AT PHASE 6 LOT 2/3 - ELEVATION TBD
- ARROWHEAD ON HYDRANT ON SOLPORT STREET AT PHASE 6 LOT 9/10 - ELEVATION TBD
- ARROWHEAD ON HYDRANT ON KENDAL AVENUE AT PHASE 6 LOT 24 - ELEVATION TBD

**BENCH MARKS TO BE SET:**

### STORM & SANITARY NOTES

- STORM & SANITARY SEWERS ARE TO BE VIDEO-INSPECTED TO APPLICABLE MMCD STANDARDS PRIOR TO CONNECTION.
- UPON COMPLETION OF ALL APPLICABLE TESTING, ANY & ALL PLUGS ARE TO BE REMOVED (BY THE CONTRACTOR) FROM THE SANITARY SEWER & STORM SEWER SERVICE CONNECTION INSPECTION CHAMBERS. THE CONTRACTOR MUST PROVIDE CONFIRMATION IN WRITING TO THE ENGINEER OF RECORD THAT ALL PLUGS HAVE BEEN REMOVED.
- ALL STORM DRAINS ARE TO BE PVC PIPE:  
 1500 = SDR28  
 2000 TO 3000 = SDR 35  
 > 3000 = PROFILE/RIBBED PVC (RPVC) WITH A STIFFNESS > 46PSI. IF THE CONTRACTOR ELECTS TO USE CONCRETE, IT MUST CONFORM TO ASTM C76 CLASS 3 OR BETTER.
- ALL Ø100 SANITARY SERVICES & Ø150 STORM SERVICES ARE TO BE SDR28 PVC PIPE (INCLUDING SERVICE CONNECTION PIPES). STORM SERVICES ARE TO BE INSTALLED AT MINIMUM 2.0% GRADE. SANITARY SERVICES MAY BE INSTALLED AT 2.0% GRADE OR MORE TO ACHIEVE THE SERVICE INVERT ELEVATIONS SHOWN ON THESE PLANS.
- SANITARY & STORM SERVICE CONNECTIONS ARE TO BE CONSTRUCTED TO MMCD STD. DWG S9 COMPLETE WITH CONCRETE BOX & STEEL LID. ALL PLUGS ARE TO BE REMOVED PRIOR SUBSTANTIAL COMPLETION.

### WATER NOTES

- ALL WATER FITTINGS ARE TO BE RESTRAINED AS PER MMCD STANDARDS.
- ALL WATER MAIN PIPES ARE TO BE C-900 PVC (DR18). ALL WATER SERVICE PIPES ARE TO BE POLYETHYLENE, PRESSURE CLASS 160 TUBING, CONFORMING TO AWWA C901 & COME WITH TRACER WIRE.
- ALL WATER MAINS ARE TO BE INSTALLED WITH A MINIMUM OF 1.3m COVER.
- WATER MAIN DEFLECTIONS ARE TO BE PROVIDED BY WAY OF 2" MAXIMUM DEFLECTIONS AT EACH GASKETTED JOINT. IF PROFILE OR HORIZONTAL ALIGNMENT PRECLUDES GRADUAL BENDS, THEN 5" MANUFACTURED BENDS ARE TO BE UTILIZED. ALL VALVE RISERS ARE TO BE INSTALLED VERTICALLY.
- WHERE LESS THAN 3.0m HORIZONTAL SEPARATION EXISTS BETWEEN WATER MAIN & SANITARY OR STORM SEWER, OR LESS THAN 0.5m VERTICAL CLEARANCE, WATER MAIN JOINTS ARE TO BE WRAPPED WITH PETROLATUM TAPE IN ACCORDANCE WITH ANSII/AWWA STANDARDS C209 AND C217-90. WATER MAINS SHOULD BE LAID WITH THE MIDDLE OF THE PIPE LENGTH LOCATED AT THE CROSSING POINT OF STORM & SANITARY SEWERS.
- FIRE HYDRANTS ARE TO BE TERMINAL CITY MODEL C71P UNLESS OTHERWISE SPECIFIED.
- WATER WORKS ARE TO BE CONSTRUCTED, TESTED, DISINFECTED & FLUSHED IN ACCORDANCE WITH MMCD, PRIOR TO CONNECTION TO EXISTING VILLAGE OF CUMBERLAND WATER SYSTEM. THE CONTRACTOR SHALL COORDINATE WITH THE VILLAGE BEFORE TIE-IN.

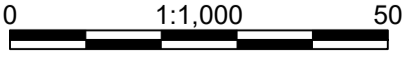
- SUBMISSION OF BACTERIAL TEST RESULTS INDICATING NO CONTAMINATION BY FECAL OR TOTAL COLIFORM IS REQUIRED PRIOR TO CONNECTION TO THE EXISTING VILLAGE OF CUMBERLAND WATER SYSTEM.
- TIE-INS TO THE EXISTING VILLAGE WATER SYSTEM WILL BE COMPLETED BY THE CONTRACTOR (USING MATERIALS SUPPLIED BY THE CONTRACTOR) UNDER THE SUPERVISION OF VILLAGE STAFF.
- EXISTING BLOW-OFFS, VALVES & FITTINGS RENDERED SURPLUS THROUGH CONSTRUCTION SHALL BE RETURNED TO THE PUBLIC WORKS YARD.
- CONCRETE WATER METER BOX WITH CAST IRON LID, c/w METER SETTER & IDLER CONFORMING TO MMCD STANDARD W2C, IS TO BE INSTALLED 0.45m FROM PROPERTY LINE BY THE DEVELOPER. METER SETTERS SHALL BE 19 mm x 19 mm CAMBRIDGE MODEL 6031NL-315H3H3-U0 (NO CHECK VALVE). AN IDLER IS REQUIRED IN ALL METER SETTERS. ALL WATER METER BOXES MUST BE SET AT FINISHED GRADE. METER SETTERS ARE TO BE SET 0.45m BELOW FINISHED GRADE. CAST IRON LIDS ARE TO BE INSTALLED WITH MP45RR1P TOUCH PADS.
- WATER METERS ARE TO BE 19mm SENSUS IPERL AS PER CURRENT VILLAGE OF CUMBERLAND STANDARDS. METERS ARE TO BE DELIVERED TO THE VILLAGE PUBLIC WORKS YARD (FOR INSTALLATION AT A LATER DATE BY VILLAGE STAFF).
- PUMPER PORTS OF PROPOSED FIRE HYDRANTS ARE TO BE AIMED AT 90° TO THE CENTRELINE OF THE ROAD.

DATE: 2018-02-02 09:32 FILE: G:\2111\Engineering\4500-4689\46871-01\DWG Phase 7\10.0\Drawings\10.2\_Engineering\10.2\_SitePlan.dwg



Rev	Date	Description	Drawn	Design	App'd
1	2018-02-02	REVISED NOTES	AC	AC	CD
0	2018-01-26	ISSUED FOR CONSTRUCTION	AC	AC	CD

THIS DRAWING AND DESIGN IS THE PROPERTY OF McELHANNEY CONSULTING SERVICES LTD. McELHANNEY AND SHALL NOT BE USED, REPRODUCED OR REPROPOSED WITHOUT THE CONSENT OF McELHANNEY. McELHANNEY WILL NOT BE HELD RESPONSIBLE FOR THE IMPROPER OR UNAUTHORIZED USE OF THIS DRAWING AND DESIGN. THIS DRAWING AND DESIGN HAS BEEN PREPARED FOR THE CLIENT IDENTIFIED, TO MEET THE STANDARDS AND REQUIREMENTS OF THE APPLICABLE PUBLIC AGENCIES AT THE TIME OF PREPARATION. McELHANNEY, ITS EMPLOYEES, SUBCONSULTANTS AND AGENTS WILL NOT BE LIABLE FOR ANY LOSSES OR OTHER CONSEQUENCES RESULTING FROM THE USE OR RELIANCE UPON, OR ANY CHANGES MADE TO, THIS DRAWING, BY ANY THIRD PARTY, INCLUDING CONTRACTORS, SUPPLIERS, CONSULTANTS AND STAKEHOLDERS, OR THEIR EMPLOYEES OR AGENTS, WITHOUT McELHANNEY'S PRIOR WRITTEN CONSENT. INFORMATION ON EXISTING UNDERGROUND FACILITIES MAY NOT BE COMPLETE OR ACCURATE. McELHANNEY, ITS EMPLOYEES AND DIRECTORS ARE NOT RESPONSIBLE NOR LIABLE FOR THE LOCATION OF ANY UNDERGROUND CONDUITS, PIPES, CABLES OR OTHER FACILITIES WHETHER SHOWN OR OMITTED FROM THIS PLAN. PRIOR TO CONSTRUCTION CONTRACTOR SHALL EXPOSE LOCATIONS OF ALL EXISTING FACILITIES BY HAND DIGGING OR HYDROVAC AND ADVISE THE ENGINEER OF POTENTIAL CONFLICTS.



ORIGINAL DWG SIZE: A1 (594 x 841mm)



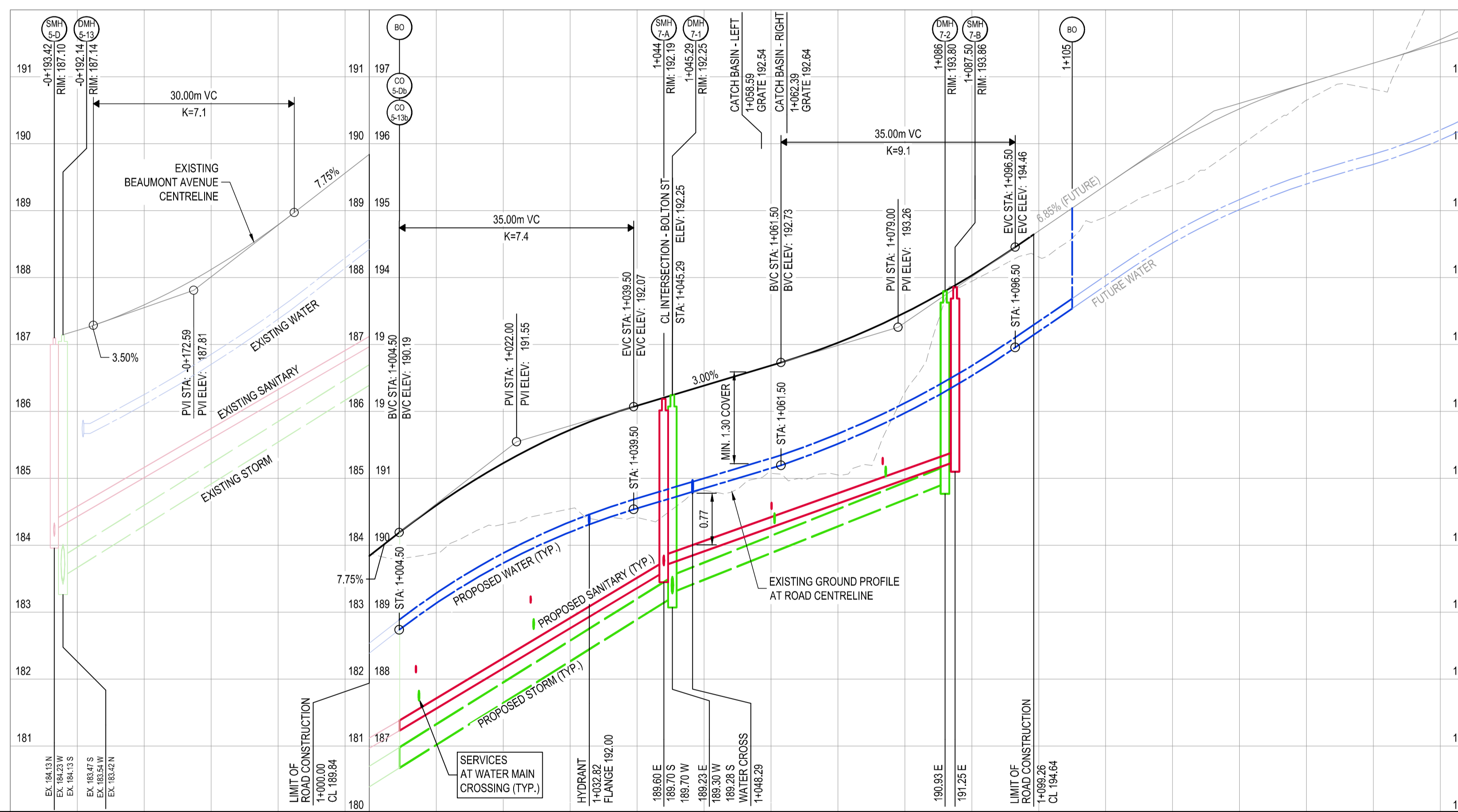
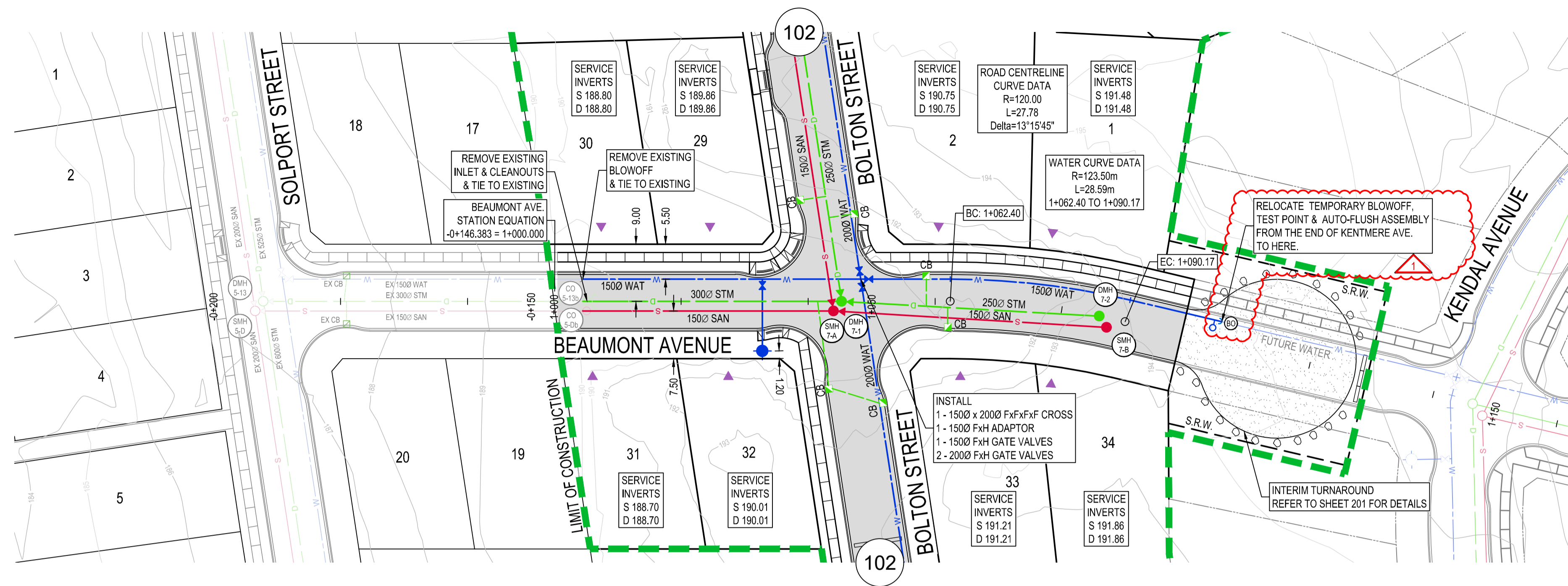
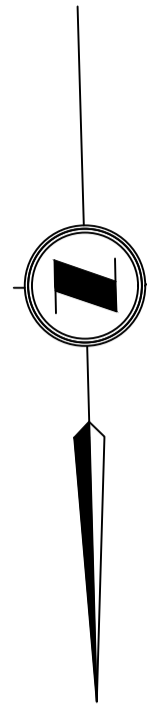
495 Sixth Street  
 Courtenay BC  
 Canada V9N 6V4  
 Tel 250 338 5495



COAL VALLEY ESTATES JOINT VENTURE INC.  
 CUMBERLAND, BC  
**COAL VALLEY PHASE 7  
 SITE PLAN**  
 REM. D.L. 24, NELSON DISTRICT, PLAN EPP53358  
 CUMBERLAND, BC

Drawing No. **100**  
 Project Number 2211 46871-10  
 Rev. 1

DESIGNED BY: P. HARRIS; DRAWING: P. HARRIS

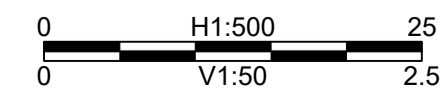


STATIONS	-0+200	-0+180	-0+160	1+000	1+020	1+040	1+060	1+080	1+100	1+120	1+140	1+160	1+165
PROPOSED WATER MAIN	188.67±	188.67±	187.52±	187.74±	190.31	190.54	190.80	191.20	192.36	193.54			
PROPOSED SANITARY SEWER			51.58m OF EX 1500 PVC SDR28 SANITARY AT 5.82%	187.24±	39.53m OF 1500 PVC SDR28 SANITARY AT 6.00%			43.11m OF 1500 PVC SDR28 SANITARY AT 3.60%					
PROPOSED STORM SEWER			50.29m OF EX 3000 RPVC STORM AT 6.25%	188.68±	40.75m OF 3000 RPVC STORM AT 6.25%			40.66m OF 2500 PVC SDR35 STORM AT 4.00%					

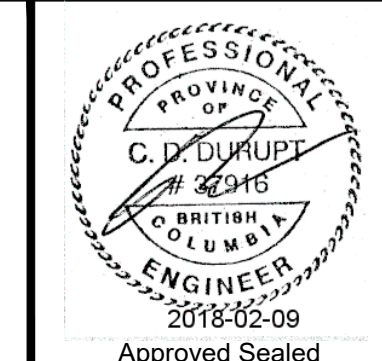
DATE: 2018-02-07 09:32 FILE: G:\2121\Engineering\4500 - 4688\4687-10 CD E Phase 7\10.0 Drawings\10.2 Sheets\4687-10 CD 101 - Profile - Beaumont Ave.dwg

THIS DRAWING AND DESIGN IS THE PROPERTY OF McELHANNEY CONSULTING SERVICES LTD. (McELHANNEY) AND SHALL NOT BE USED, REPRODUCED OR REPRODUCED WITHOUT THE CONSENT OF McELHANNEY. McELHANNEY WILL NOT BE HELD RESPONSIBLE FOR THE IMPROPER OR UNAUTHORIZED USE OF THIS DRAWING AND DESIGN. THIS DRAWING AND DESIGN HAS BEEN PREPARED FOR THE CLIENT IDENTIFIED, TO MEET THE STANDARDS AND REQUIREMENTS OF THE APPLICABLE PUBLIC AGENCIES AT THE TIME OF PREPARATION. McELHANNEY, ITS EMPLOYEES, SUBCONSULTANTS AND AGENTS WILL NOT BE LIABLE FOR ANY LOSSES OR OTHER CONSEQUENCES RESULTING FROM THE USE OR RELIANCE UPON, OR ANY CHANGES MADE TO, THIS DRAWING, BY ANY THIRD PARTY, INCLUDING CONTRACTORS, SUPPLIERS, CONSULTANTS AND STAKEHOLDERS, OR THEIR EMPLOYEES OR AGENTS, WITHOUT McELHANNEY'S PRIOR WRITTEN CONSENT. INFORMATION ON EXISTING UNDERGROUND FACILITIES MAY NOT BE COMPLETE OR ACCURATE. McELHANNEY, ITS EMPLOYEES AND DIRECTORS ARE NOT RESPONSIBLE NOR LIABLE FOR THE LOCATION OF ANY UNDERGROUND CONDUITS, PIPES, CABLES OR OTHER FACILITIES WHETHER SHOWN OR OMITTED FROM THIS PLAN. PRIOR TO CONSTRUCTION CONTRACTOR SHALL EXPOSE LOCATIONS OF ALL EXISTING FACILITIES BY HAND DIGGING OR HYDROVAC AND ADVISE THE ENGINEER OF POTENTIAL CONFLICTS.

ORIGINAL DWG SIZE: A1 (594 x 841mm)



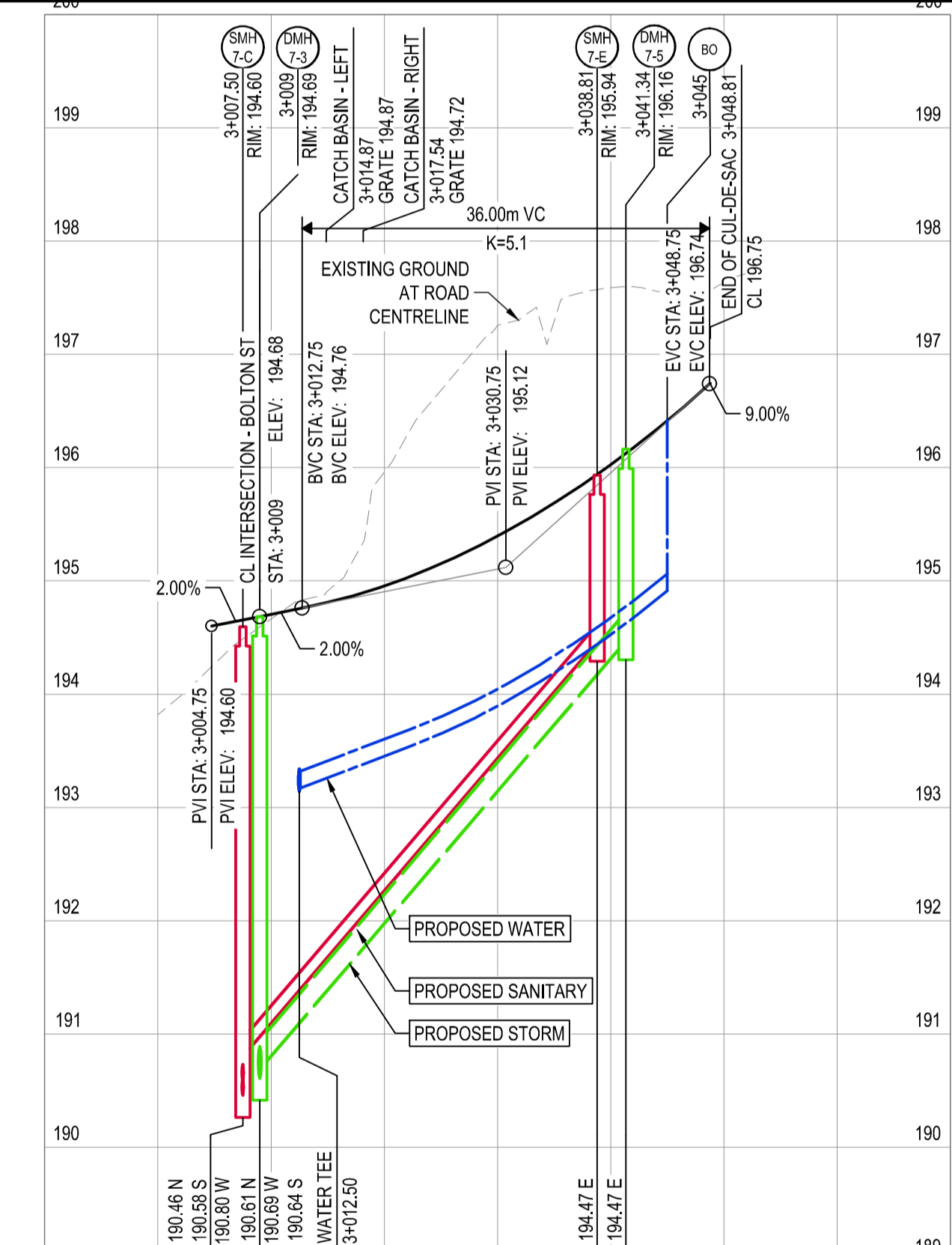
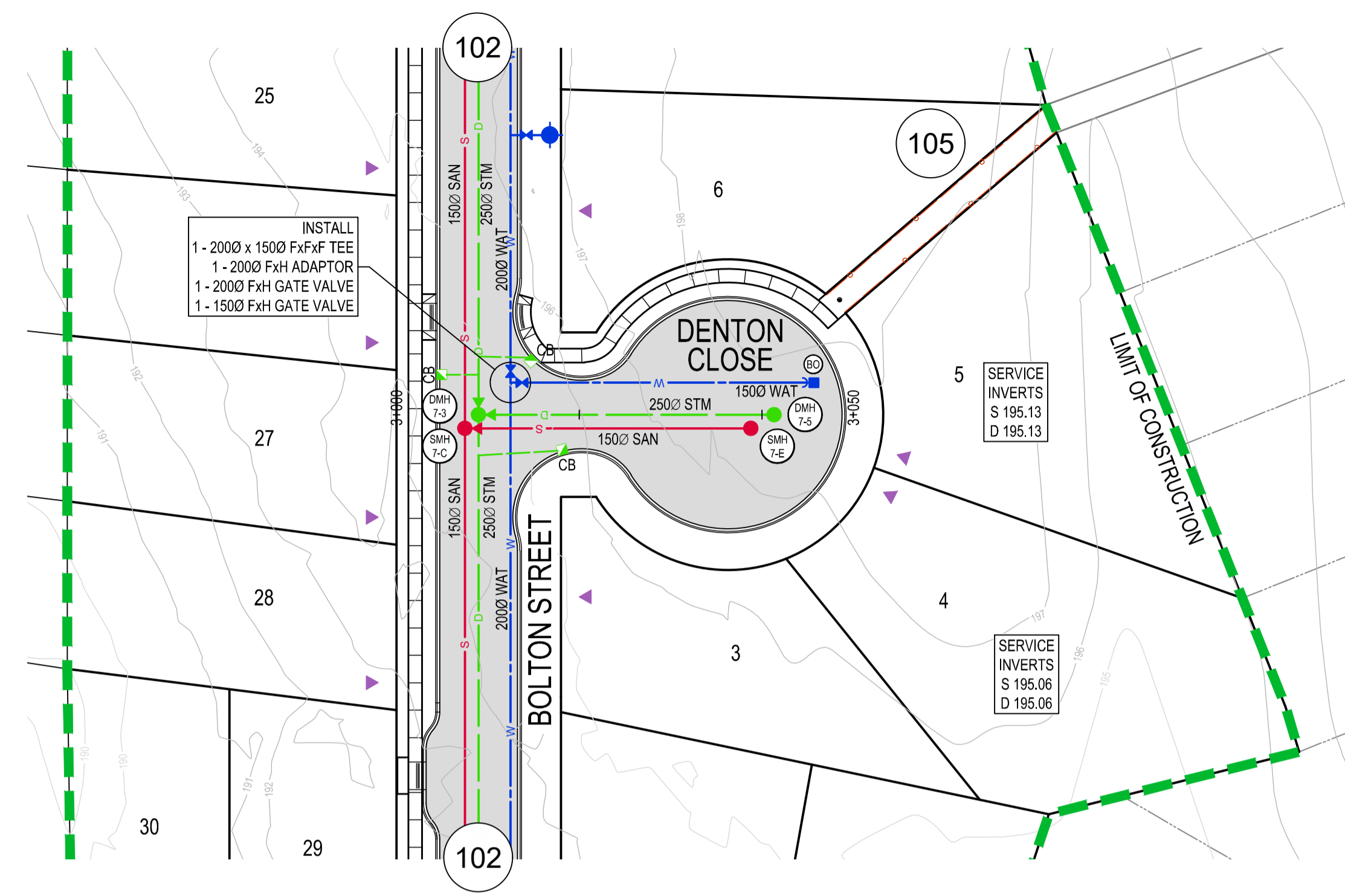
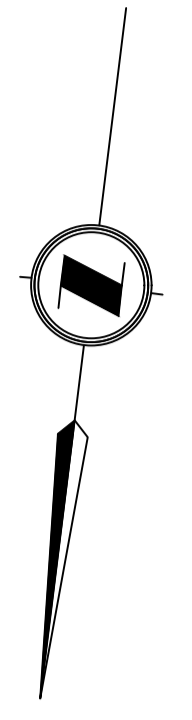
495 Sixth Street  
Courtenay BC  
Canada V9N 6V4  
Tel 250 338 5495



COAL VALLEY ESTATES JOINT VENTURE INC.  
CUMBERLAND, BC  
**COAL VALLEY PHASE 7  
BEAUMONT AVENUE  
1+000 TO 1+165**  
REM. D.L. 24, NELSON DISTRICT, PLAN EPP53358  
CUMBERLAND, BC

Drawing No. **101**  
Project Number 2211 46871-10  
Rev. 1



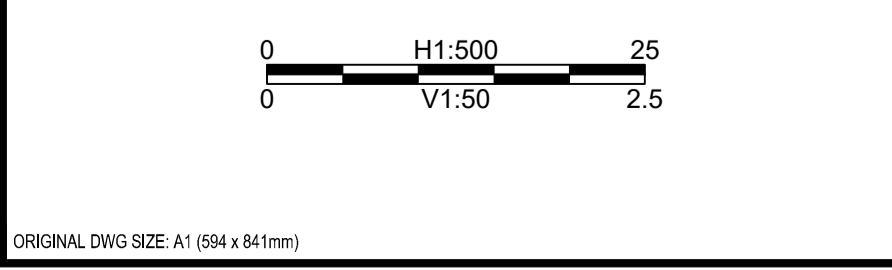


3+000	3+020	3+040	3+060	3+070
	193.17		194.91	
	32.50m OF 1500 PVC DR18 WATER (VERTICAL CURVE)			
	31.31m OF 1500 PVC SDR28 SANITARY AT 11.70%			
	32.34m OF 2500 PVC SDR35 STORM AT 11.70%			

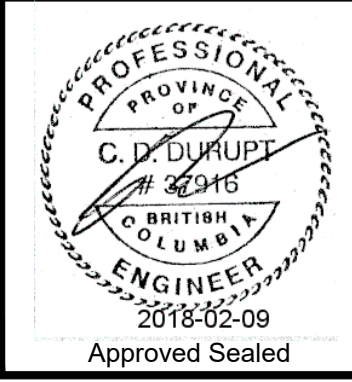
STATIONS  
 PROPOSED WATER MAIN  
 PROPOSED SANITARY SEWER  
 PROPOSED STORM SEWER

Rev	Date	Description	Drawn	Design	App'd
0	2018-01-26	ISSUED FOR CONSTRUCTION	AC	AC	CD

THIS DRAWING AND DESIGN IS THE PROPERTY OF McELHANNEY CONSULTING SERVICES LTD. (McELHANNEY) AND SHALL NOT BE USED, REPRODUCED OR REPRODUCED WITHOUT THE CONSENT OF McELHANNEY. McELHANNEY WILL NOT BE HELD RESPONSIBLE FOR THE IMPROPER OR UNAUTHORIZED USE OF THIS DRAWING AND DESIGN. THIS DRAWING AND DESIGN HAS BEEN PREPARED FOR THE CLIENT IDENTIFIED, TO MEET THE STANDARDS AND REQUIREMENTS OF THE APPLICABLE PUBLIC AGENCIES AT THE TIME OF PREPARATION. McELHANNEY, ITS EMPLOYEES, SUBCONSULTANTS AND AGENTS WILL NOT BE LIABLE FOR ANY LOSSES OR OTHER CONSEQUENCES RESULTING FROM THE USE OR RELIANCE UPON, OR ANY CHANGES MADE TO, THIS DRAWING, BY ANY THIRD PARTY, INCLUDING CONTRACTORS, SUPPLIERS, CONSULTANTS AND STAKEHOLDERS, OR THEIR EMPLOYEES OR AGENTS, WITHOUT McELHANNEY'S PRIOR WRITTEN CONSENT. INFORMATION ON EXISTING UNDERGROUND FACILITIES MAY NOT BE COMPLETE OR ACCURATE. McELHANNEY, ITS EMPLOYEES AND DIRECTORS ARE NOT RESPONSIBLE NOR LIABLE FOR THE LOCATION OF ANY UNDERGROUND CONDUITS, PIPES, CABLES OR OTHER FACILITIES WHETHER SHOWN OR OMITTED FROM THIS PLAN. PRIOR TO CONSTRUCTION CONTRACTOR SHALL EXPOSE LOCATIONS OF ALL EXISTING FACILITIES BY HAND DIGGING OR HYDROVAC AND ADVISE THE ENGINEER OF POTENTIAL CONFLICTS.



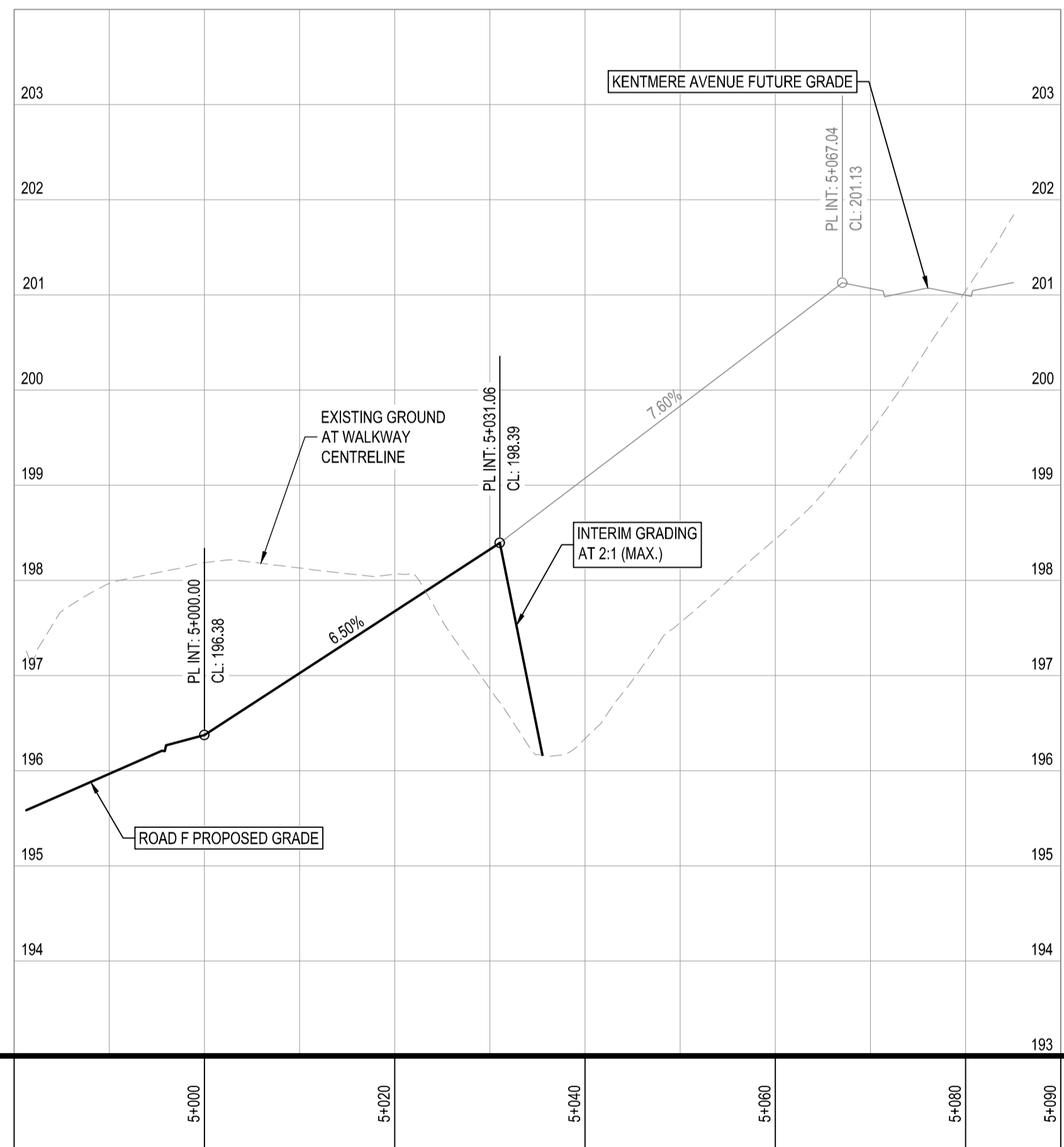
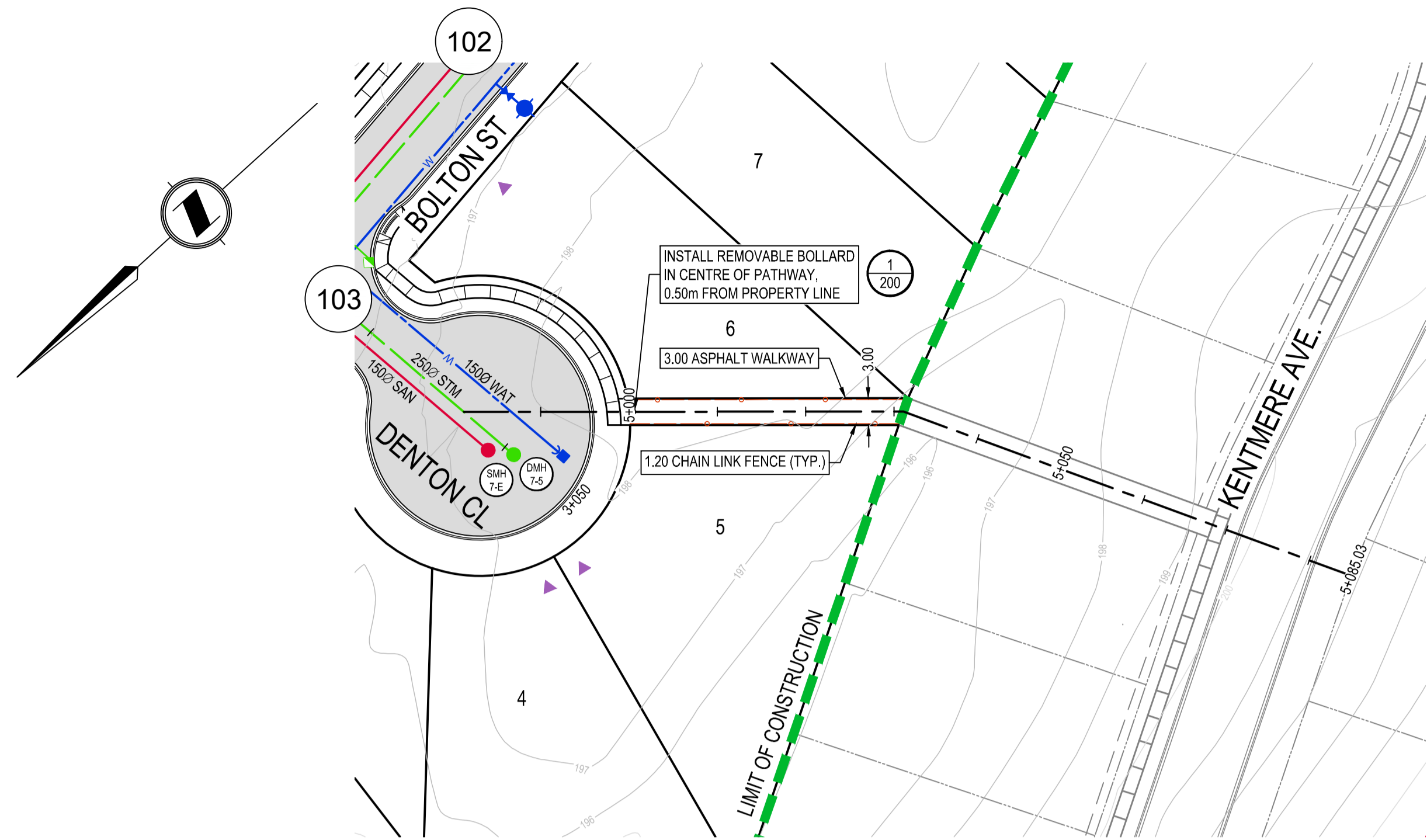
**McElhanney**  
 McElhanney Consulting Services Ltd.  
 495 Sixth Street  
 Courtenay BC  
 Canada V9N 6V4  
 Tel 250 338 5495



COAL VALLEY ESTATES JOINT VENTURE INC.  
 CUMBERLAND, BC  
**COAL VALLEY PHASE 7**  
**DENTON CLOSE**  
**3+000 TO 3+070**

Drawing No. **103**  
 Project Number 2211 46871-10  
 Rev. 0





STATIONS

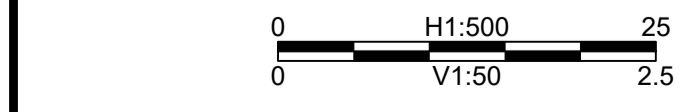
PROPOSED  
WATER MAIN

PROPOSED  
SANITARY SEWER

PROPOSED  
STORM SEWER

Rev	Date	Description	Drawn	Design	App'd
0	2018-01-26	ISSUED FOR CONSTRUCTION	AC	AC	CD

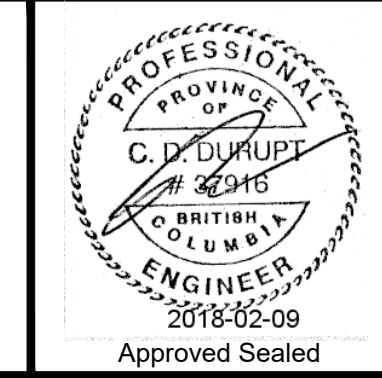
THIS DRAWING AND DESIGN IS THE PROPERTY OF McELHANNEY CONSULTING SERVICES LTD. (McELHANNEY) AND SHALL NOT BE USED, REPRODUCED OR REPRODUCED WITHOUT THE CONSENT OF McELHANNEY. McELHANNEY WILL NOT BE HELD RESPONSIBLE FOR THE IMPROPER OR UNAUTHORIZED USE OF THIS DRAWING AND DESIGN. THIS DRAWING AND DESIGN HAS BEEN PREPARED FOR THE CLIENT IDENTIFIED, TO MEET THE STANDARDS AND REQUIREMENTS OF THE APPLICABLE PUBLIC AGENCIES AT THE TIME OF PREPARATION. McELHANNEY, ITS EMPLOYEES, SUBCONSULTANTS AND AGENTS WILL NOT BE LIABLE FOR ANY LOSSES OR OTHER CONSEQUENCES RESULTING FROM THE USE OR RELIANCE UPON, OR ANY CHANGES MADE TO, THIS DRAWING, BY ANY THIRD PARTY, INCLUDING CONTRACTORS, SUPPLIERS, CONSULTANTS AND STAKEHOLDERS, OR THEIR EMPLOYEES OR AGENTS, WITHOUT McELHANNEY'S PRIOR WRITTEN CONSENT. INFORMATION ON EXISTING UNDERGROUND FACILITIES MAY NOT BE COMPLETE OR ACCURATE. McELHANNEY, ITS EMPLOYEES AND DIRECTORS ARE NOT RESPONSIBLE NOR LIABLE FOR THE LOCATION OF ANY UNDERGROUND CONDUITS, PIPES, CABLES OR OTHER FACILITIES WHETHER SHOWN OR OMITTED FROM THIS PLAN. PRIOR TO CONSTRUCTION CONTRACTOR SHALL EXPOSE LOCATIONS OF ALL EXISTING FACILITIES BY HAND DIGGING OR HYDROVAC AND ADVISE THE ENGINEER OF POTENTIAL CONFLICTS.



ORIGINAL DWG SIZE: A1 (994 x 841mm)

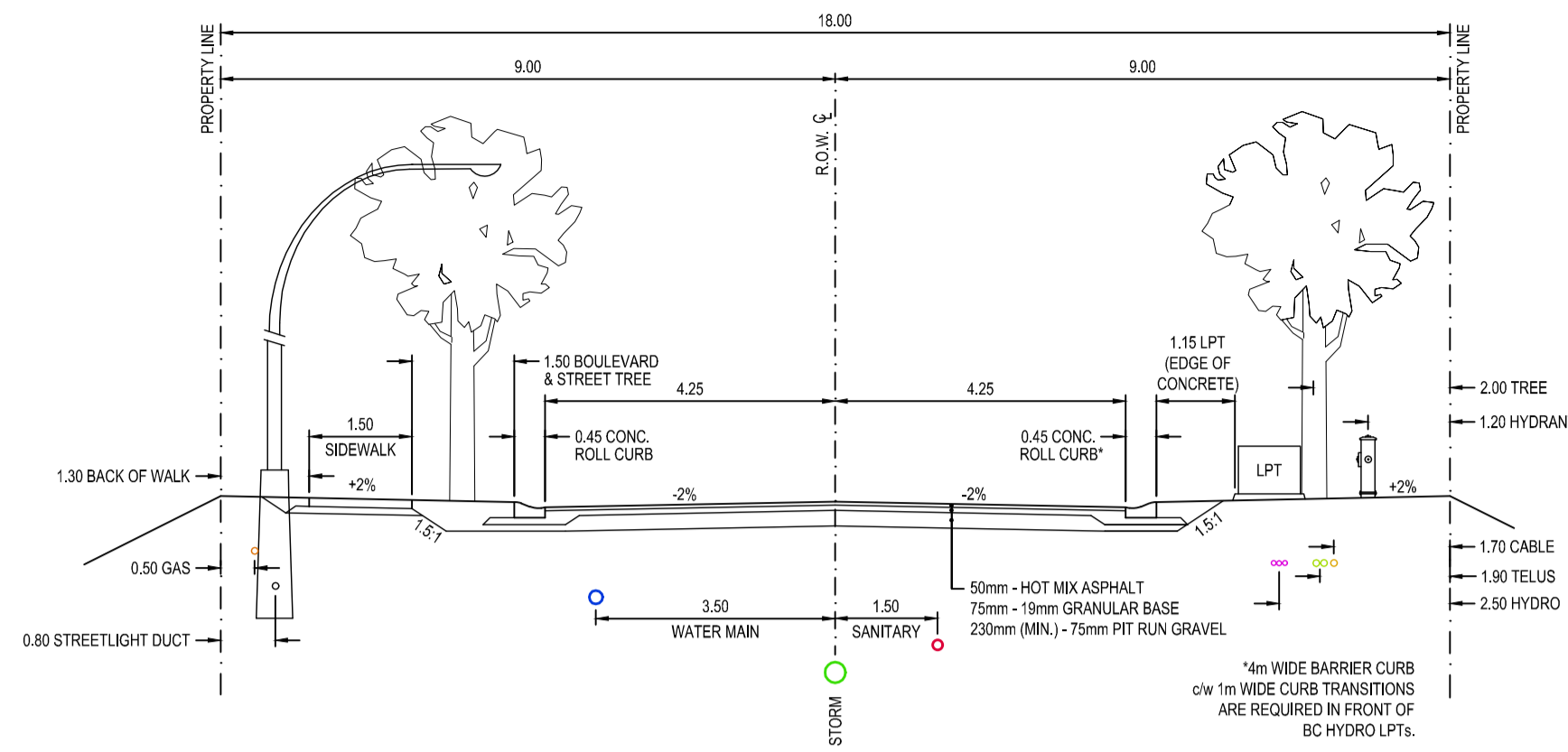
**McElhanney**  
McElhanney Consulting Services Ltd.

495 Sixth Street  
Courtenay BC  
Canada V9N 6V4  
Tel 250 338 5495

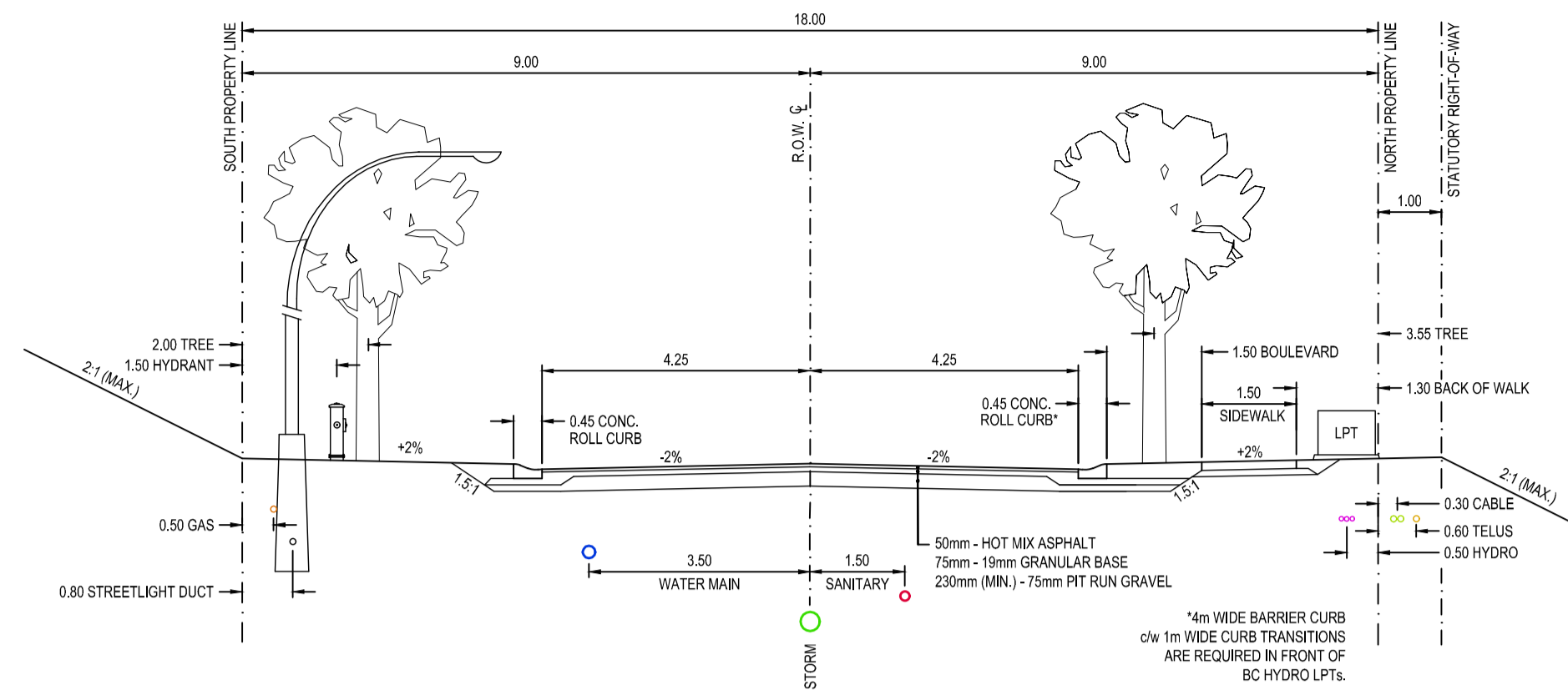


COAL VALLEY ESTATES JOINT VENTURE INC.  
CUMBERLAND, BC  
**COAL VALLEY PHASE 7  
WALKWAY  
5+000 TO 5+090**

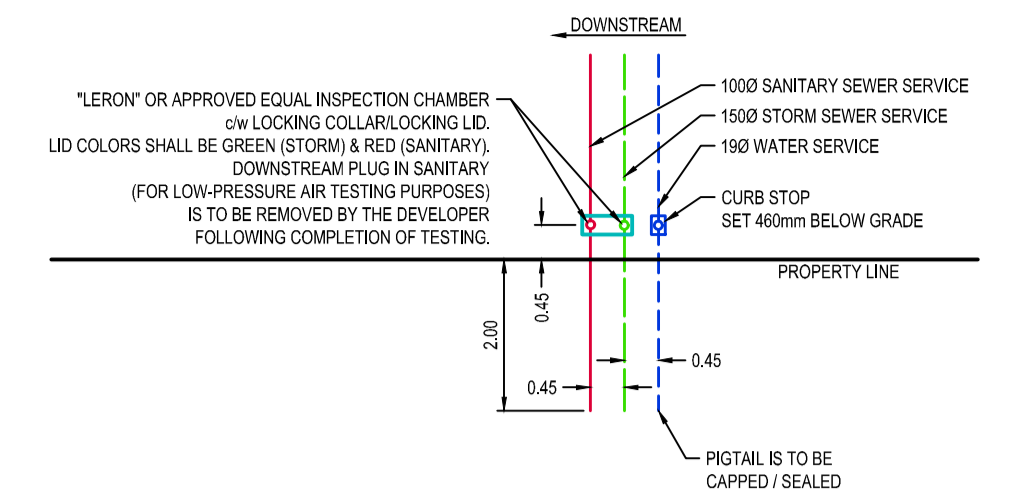
Drawing No.  
**105**  
Project Number  
2211 46871-10  
Rev.  
0



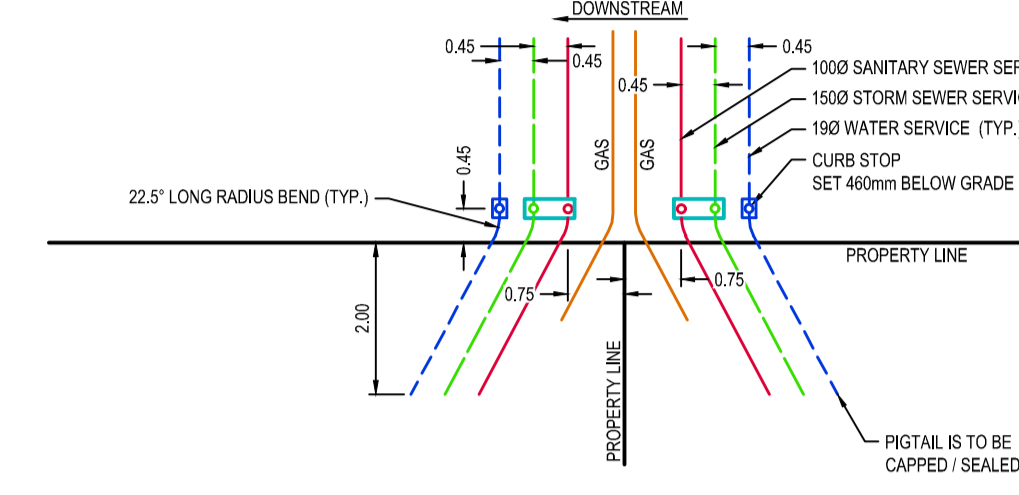
**BEAUMONT AVENUE TYPICAL SECTION**  
SCALE 1:100



**KENTMERE AVENUE TYPICAL SECTION**  
SCALE 1:100

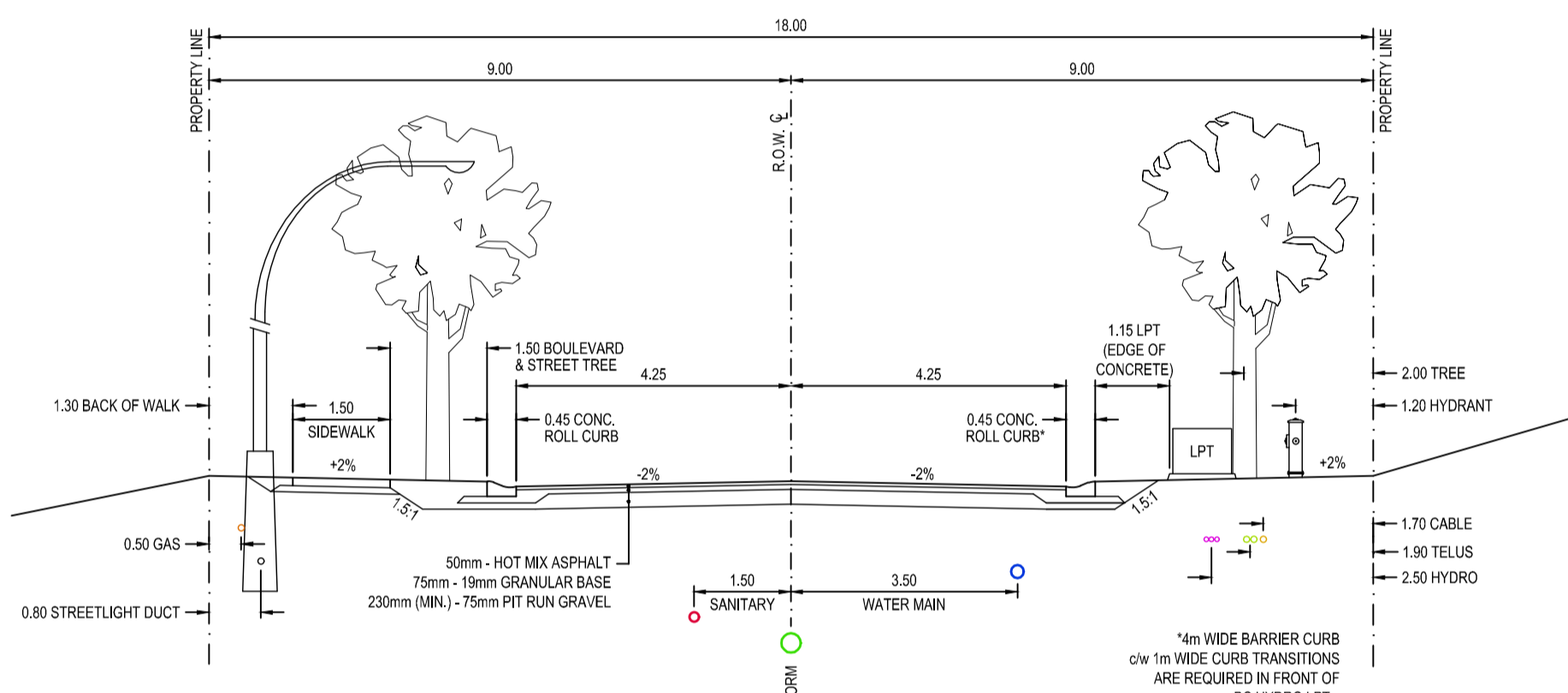


**TYPICAL SINGLE LOT SERVICE DETAIL**  
SCALE N.T.S.

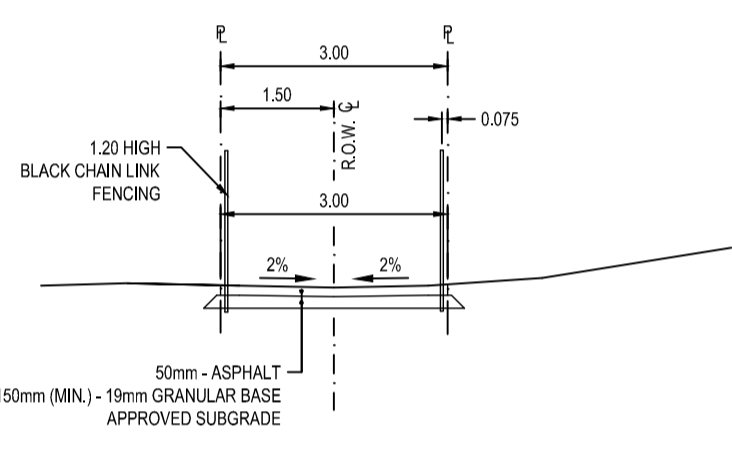


**TYPICAL DUAL LOT SERVICE DETAIL**  
SCALE N.T.S.

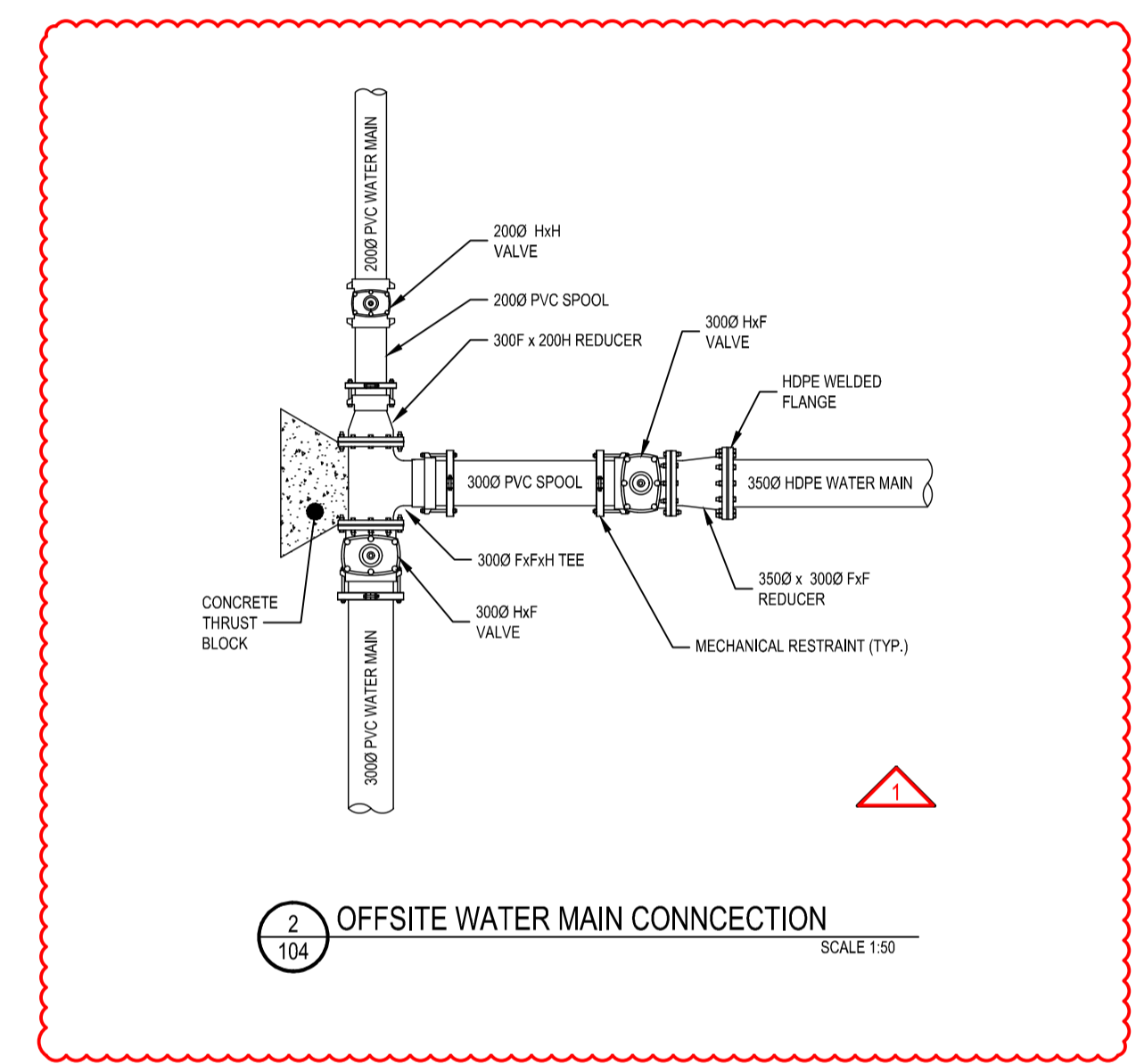
- LOT SERVICE NOTES**
1. EXTEND SANITARY AND STORM SERVICES 2.0m BEYOND PROPERTY LINE & TERMINATE WITH CAP AND 2x4.
  2. ALL PLUGS ARE TO BE REMOVED FROM STORM AND SANITARY SERVICES PRIOR TO SUBSTANTIAL COMPLETION.
  3. CONCRETE METER BOX (LANGLEY TYPE #7 OR EQUIVALENT) ON STEEL LID IS TO BE INSTALLED AROUND INSPECTION CHAMBERS & SET AT FINISHED GRADE.
  4. THE DEVELOPER IS TO DELIVER TO VILLAGE OF CUMBERLAND PUBLIC WORKS ONE (1) CONCRETE WATER METER BOX WITH CAST IRON LID, METER SETTER & METER FOR EACH RESIDENTIAL LOT. MATERIALS ARE TO BE AS FOLLOWS:
    - CAST IRON LIDS ON WATER METERS ARE TO HAVE MP45RRPL TOUCH PADS.
    - METER SETTERS SHALL BE 19mm x 19mm CAMBRIDGE MODEL 6031NL-315H3H3U (NO CHECK VALVE)
    - WATER METERS SHALL BE 19mm SENSUS IPER, AS PER CURRENT VILLAGE OF CUMBERLAND STANDARDS.



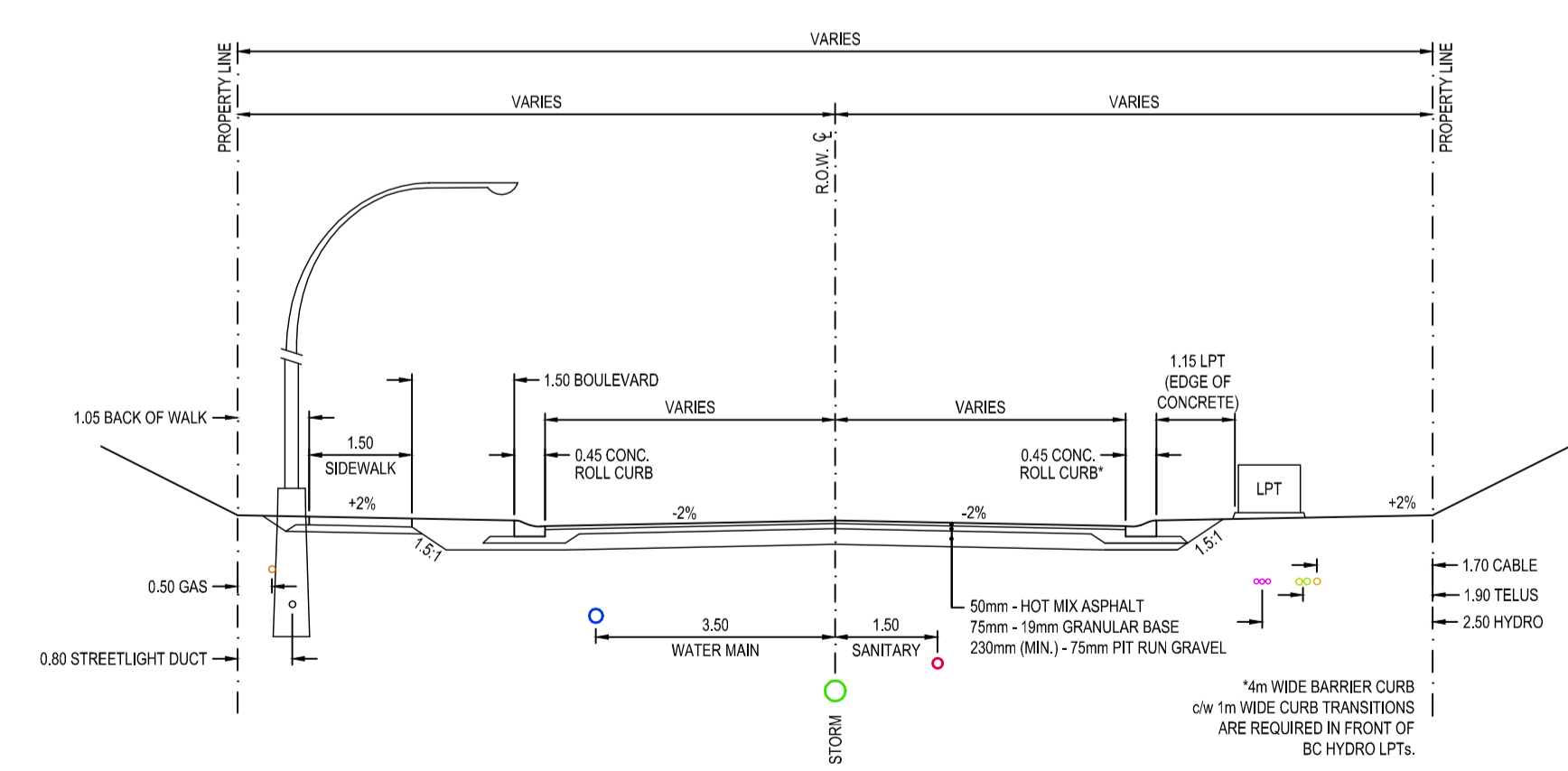
**BOLTON STREET TYPICAL SECTION**  
SCALE 1:100



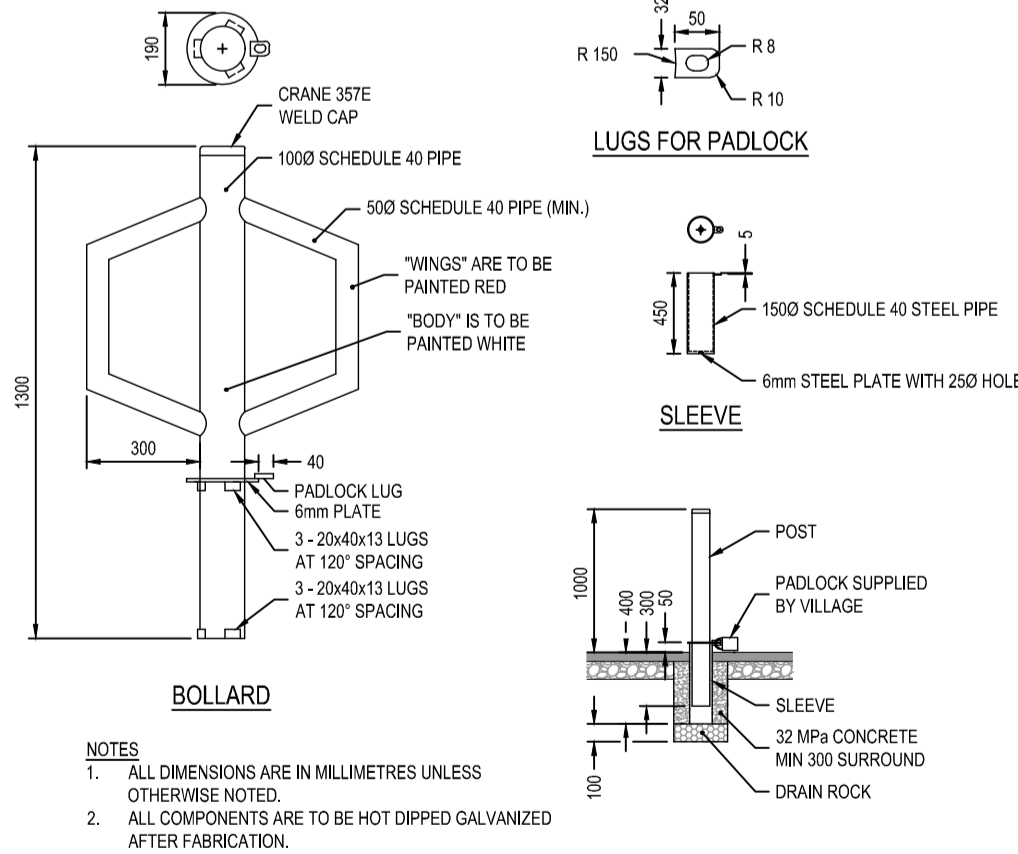
**WALKWAY TYPICAL SECTION**  
SCALE 1:100



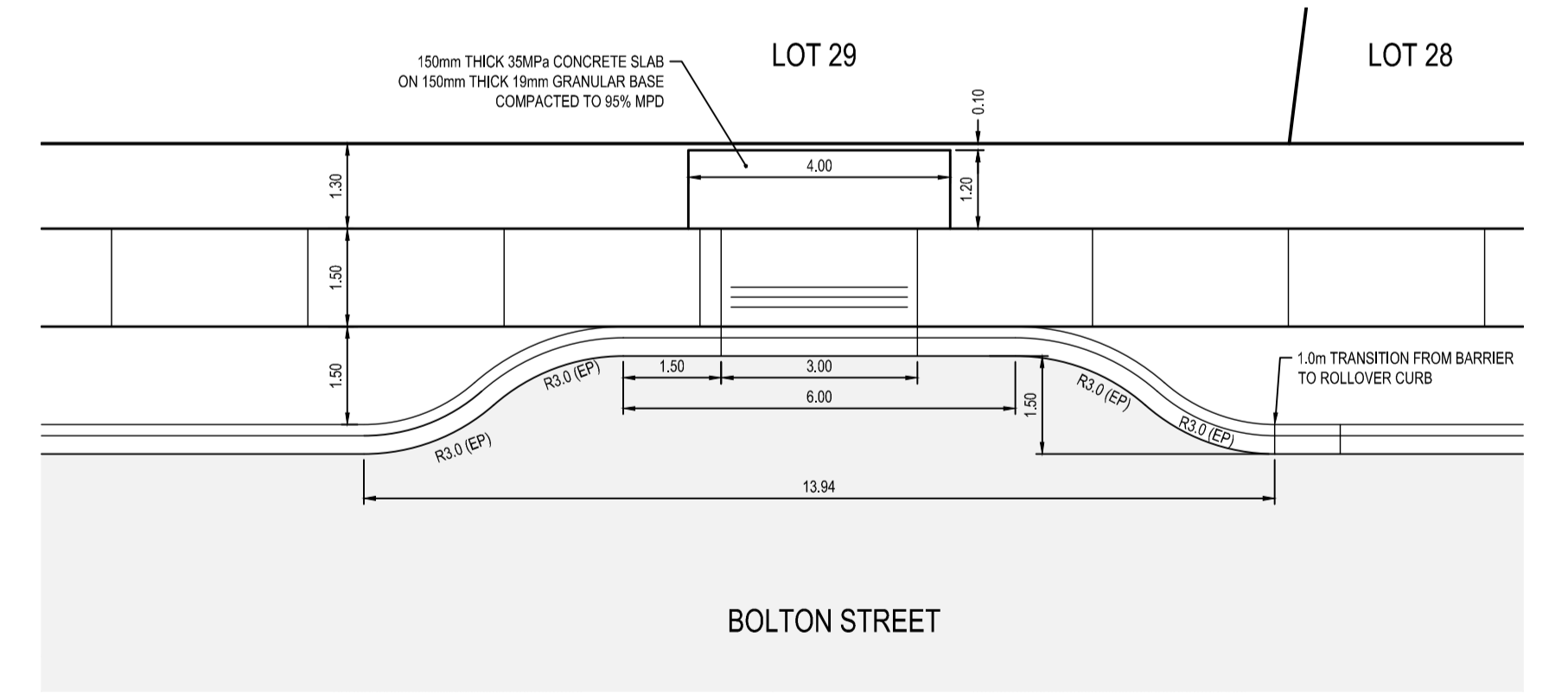
**OFFSITE WATER MAIN CONNECTION**  
SCALE 1:50



**DENTON CLOSE TYPICAL SECTION**  
SCALE 1:100



**REMOVABLE BOLLARD**  
SCALE N.T.S.



**CANADA POST MAILBOX PULLOUT**  
SCALE 1:100

Rev	Date	Description	Drawn	Design	App'd
1	2018-02-02	REVISED OFFSITE WATER MAIN CONNECTION	AC	AC	CD
0	2018-01-26	ISSUED FOR CONSTRUCTION	AC	AC	CD

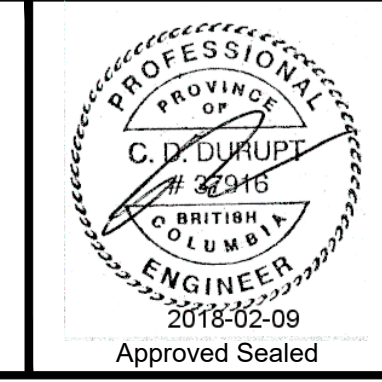
THIS DRAWING AND DESIGN IS THE PROPERTY OF McELHANNEY CONSULTING SERVICES LTD. (McELHANNEY) AND SHALL NOT BE USED, REPRODUCED OR REPROPOSED WITHOUT THE CONSENT OF McELHANNEY. McELHANNEY WILL NOT BE HELD RESPONSIBLE FOR THE IMPROPER OR UNAUTHORIZED USE OF THIS DRAWING AND DESIGN. THIS DRAWING AND DESIGN HAS BEEN PREPARED FOR THE CLIENT IDENTIFIED, TO MEET THE STANDARDS AND REQUIREMENTS OF THE APPLICABLE PUBLIC AGENCIES AT THE TIME OF PREPARATION. McELHANNEY, ITS EMPLOYEES, SUBCONSULTANTS AND AGENTS WILL NOT BE LIABLE FOR ANY LOSSES OR OTHER CONSEQUENCES RESULTING FROM THE USE OR RELIANCE UPON, OR ANY CHANGES MADE TO, THIS DRAWING, BY ANY THIRD PARTY, INCLUDING CONTRACTORS, SUPPLIERS, CONSULTANTS AND STAKEHOLDERS, OR THEIR EMPLOYEES OR AGENTS, WITHOUT McELHANNEY'S PRIOR WRITTEN CONSENT. INFORMATION ON EXISTING UNDERGROUND FACILITIES MAY NOT BE COMPLETE OR ACCURATE. McELHANNEY, ITS EMPLOYEES AND DIRECTORS ARE NOT RESPONSIBLE NOR LIABLE FOR THE LOCATION OF ANY UNDERGROUND CONDUITS, PIPES, CABLES OR OTHER FACILITIES WHETHER SHOWN OR OMITTED FROM THIS PLAN. PRIOR TO CONSTRUCTION CONTRACTOR SHALL EXPOSE LOCATIONS OF ALL EXISTING FACILITIES BY HAND DIGGING OR HYDROVAC AND ADVISE THE ENGINEER OF POTENTIAL CONFLICTS.

ORIGINAL DWG SIZE: A1 (594 x 841mm)

SCALES AS SHOWN



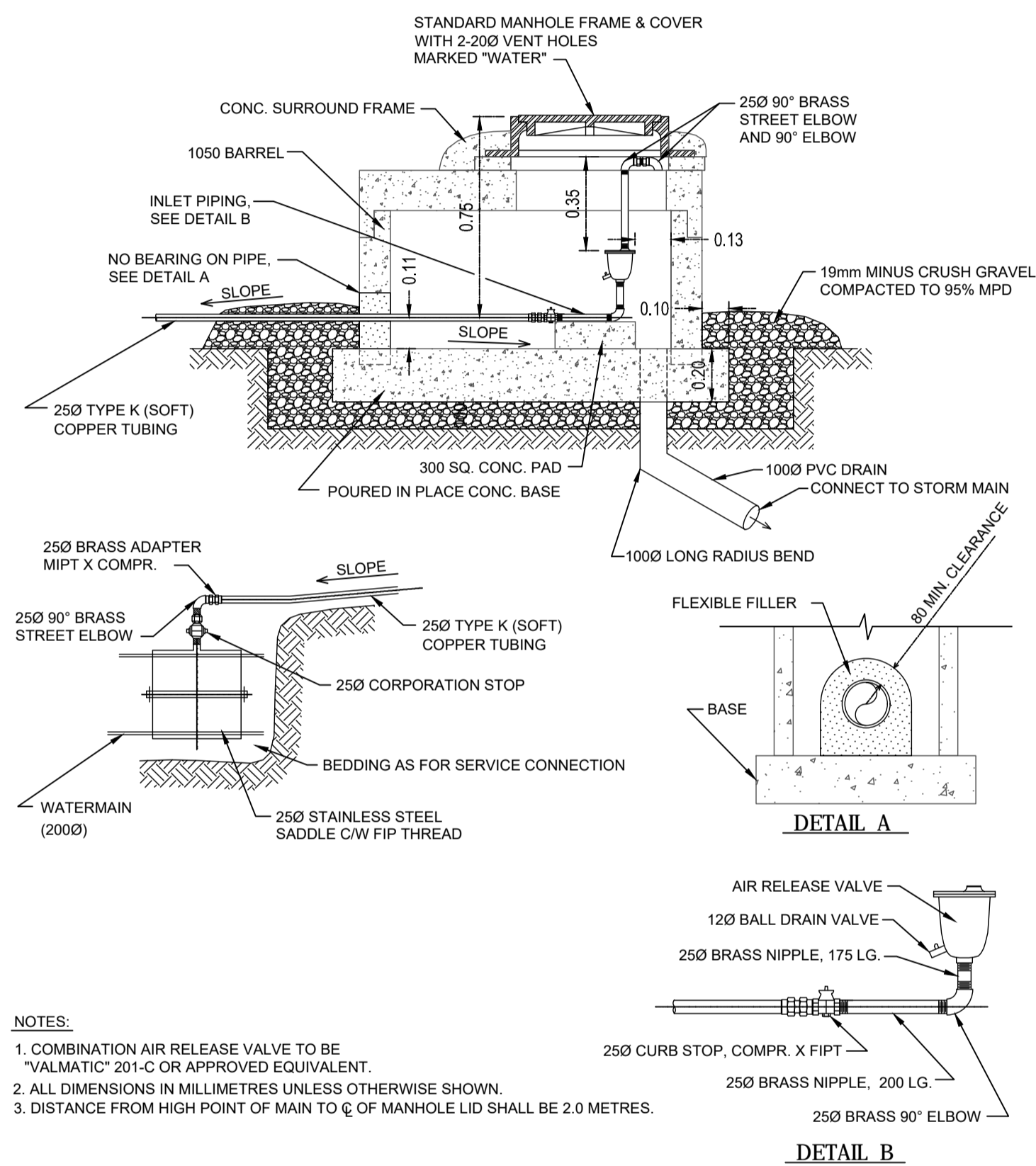
495 Sixth Street  
Courtenay BC  
Canada V9N 6V4  
Tel 250 338 5495



**COAL VALLEY ESTATES JOINT VENTURE INC.**  
CUMBERLAND, BC  
**COAL VALLEY PHASE 7  
& DETAILS**  
REM. D.L. 24, NELSON DISTRICT, PLAN EPP53358  
CUMBERLAND, BC

Drawing No. **200**  
Project Number **2211 46871-10**  
Rev. **1**





- NOTES:
1. COMBINATION AIR RELEASE VALVE TO BE "VALMATIC" 201-C OR APPROVED EQUIVALENT.
  2. ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE SHOWN.
  3. DISTANCE FROM HIGH POINT OF MAIN TO C OF MANHOLE LID SHALL BE 2.0 METRES.

4 AIR VALVE DETAIL SCALE 1:20

Rev	Date	Description	Drawn	Design	App'd
0	2018-02-05	ISSUED FOR CONSTRUCTION	AC	AC	CD

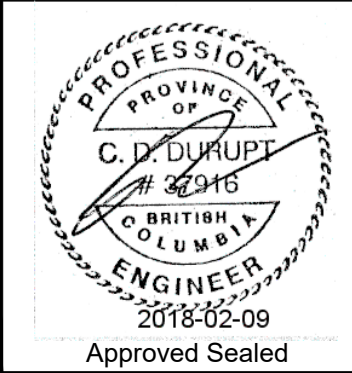
THIS DRAWING AND DESIGN IS THE PROPERTY OF McELHANNEY CONSULTING SERVICES LTD. (McELHANNEY) AND SHALL NOT BE USED, REUSED OR REPRODUCED WITHOUT THE CONSENT OF McELHANNEY. McELHANNEY WILL NOT BE HELD RESPONSIBLE FOR THE IMPROPER OR UNAUTHORIZED USE OF THIS DRAWING AND DESIGN. THIS DRAWING AND DESIGN HAS BEEN PREPARED FOR THE CLIENT IDENTIFIED, TO MEET THE STANDARDS AND REQUIREMENTS OF THE APPLICABLE PUBLIC AGENCIES AT THE TIME OF PREPARATION. McELHANNEY, ITS EMPLOYEES, SUBCONSULTANTS AND AGENTS WILL NOT BE LIABLE FOR ANY LOSSES OR OTHER CONSEQUENCES RESULTING FROM THE USE OR RELIANCE UPON, OR ANY CHANGES MADE TO, THIS DRAWING, BY ANY THIRD PARTY, INCLUDING CONTRACTORS, SUPPLIERS, CONSULTANTS AND STAKEHOLDERS, OR THEIR EMPLOYEES OR AGENTS, WITHOUT McELHANNEY'S PRIOR WRITTEN CONSENT. INFORMATION ON EXISTING UNDERGROUND FACILITIES MAY NOT BE COMPLETE OR ACCURATE. McELHANNEY, ITS EMPLOYEES AND DIRECTORS ARE NOT RESPONSIBLE NOR LIABLE FOR THE LOCATION OF ANY UNDERGROUND CONDUITS, PIPES, CABLES OR OTHER FACILITIES WHETHER SHOWN OR OMITTED FROM THIS PLAN. PRIOR TO CONSTRUCTION CONTRACTOR SHALL EXPOSE LOCATIONS OF ALL EXISTING FACILITIES BY HAND DIGGING OR HYDROVAC AND ADVISE THE ENGINEER OF POTENTIAL CONFLICTS.

ORIGINAL DWG SIZE: A1 (594 x 841mm)

SCALE AS SHOWN

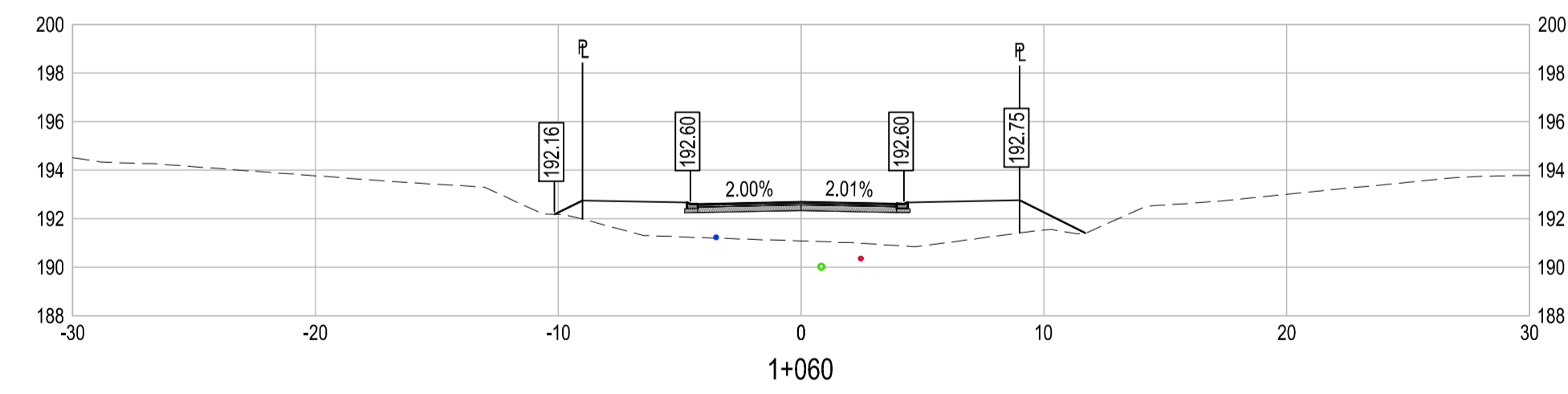
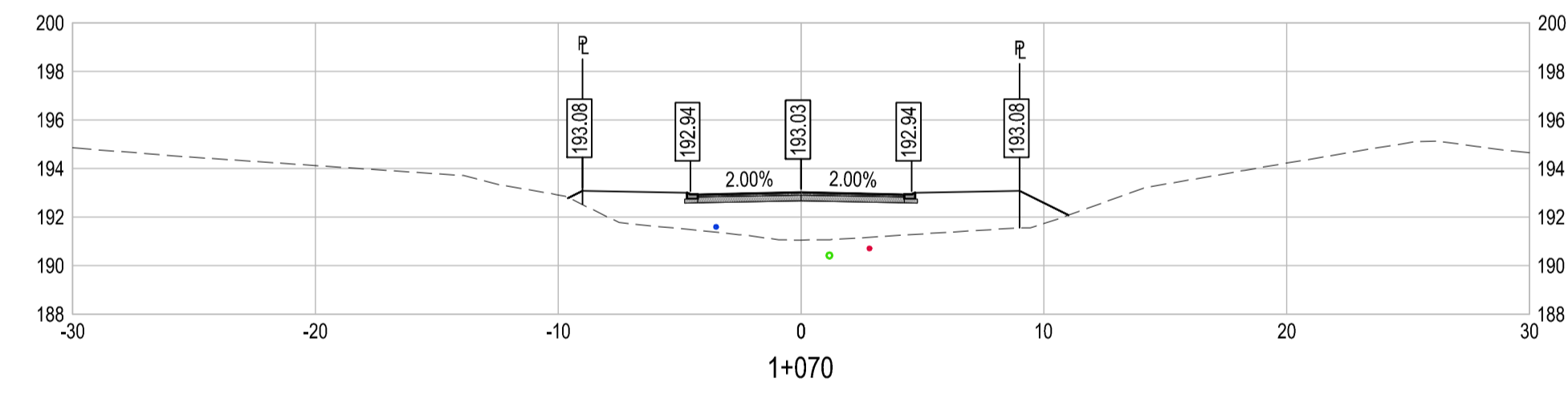
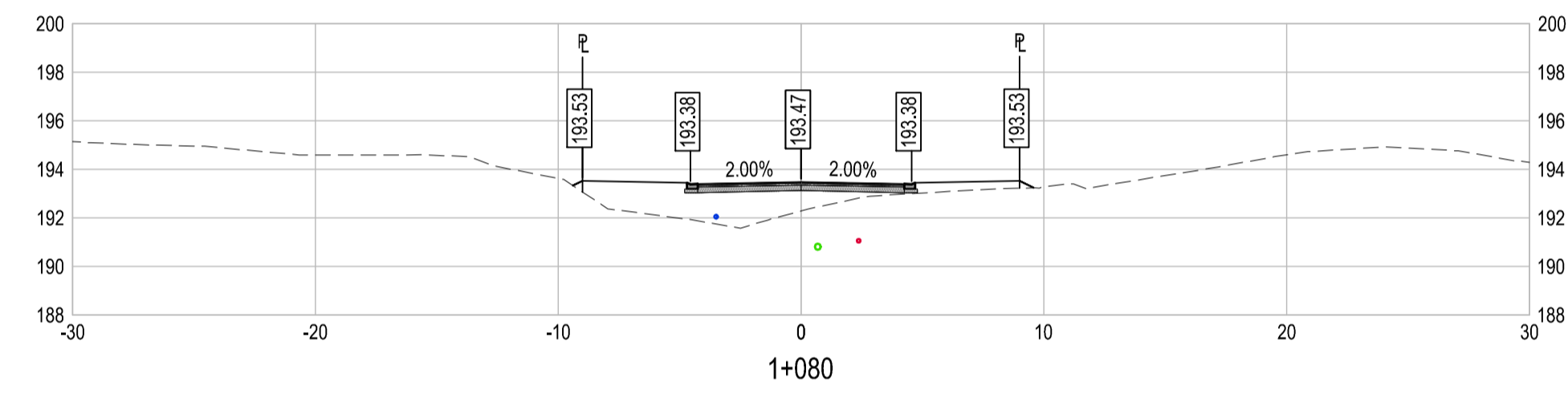
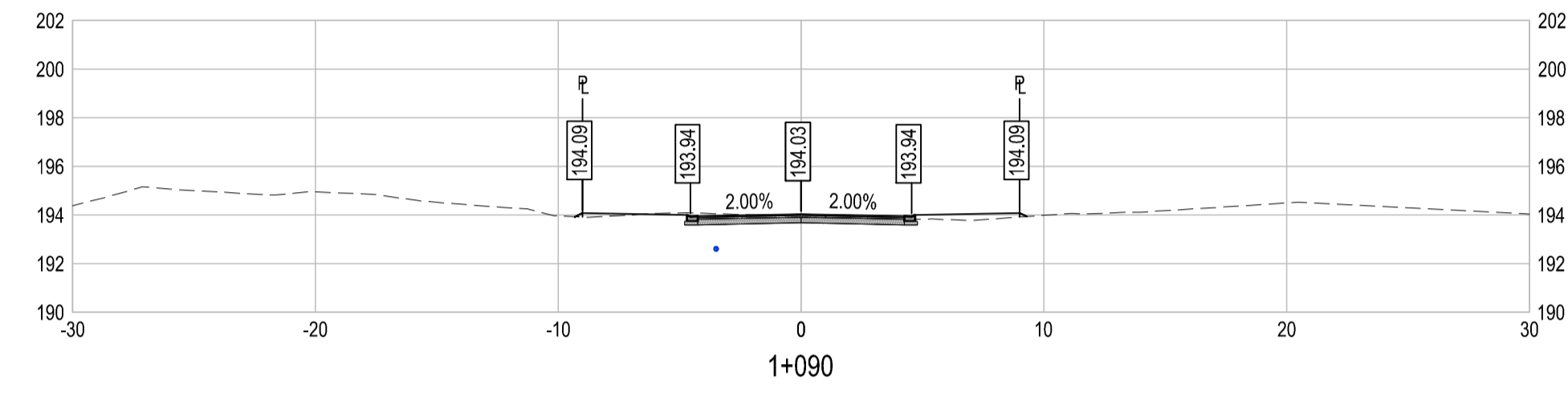
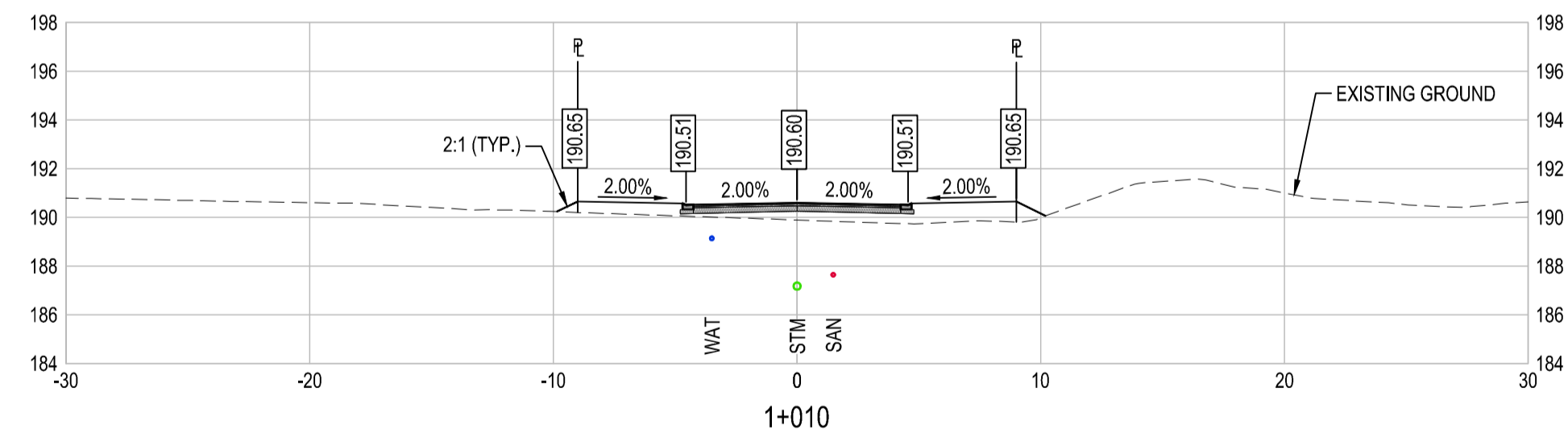
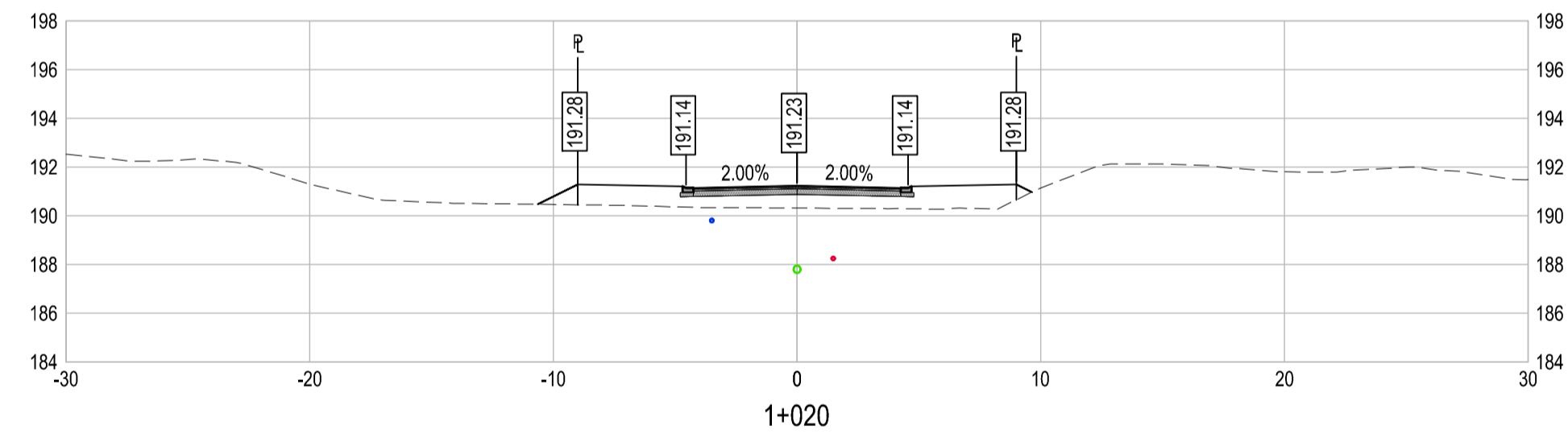
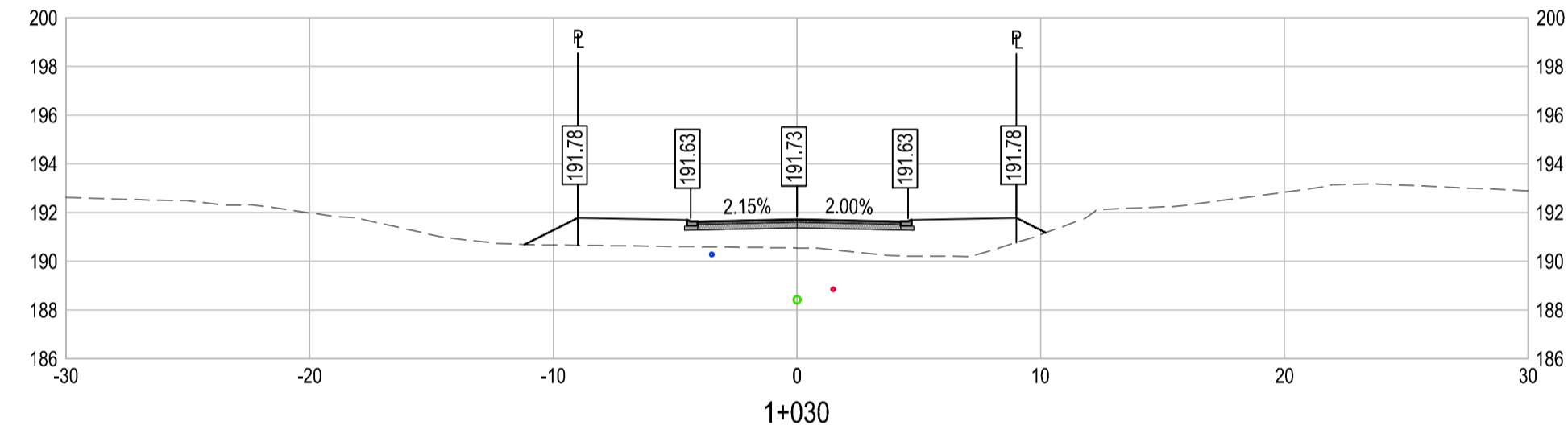
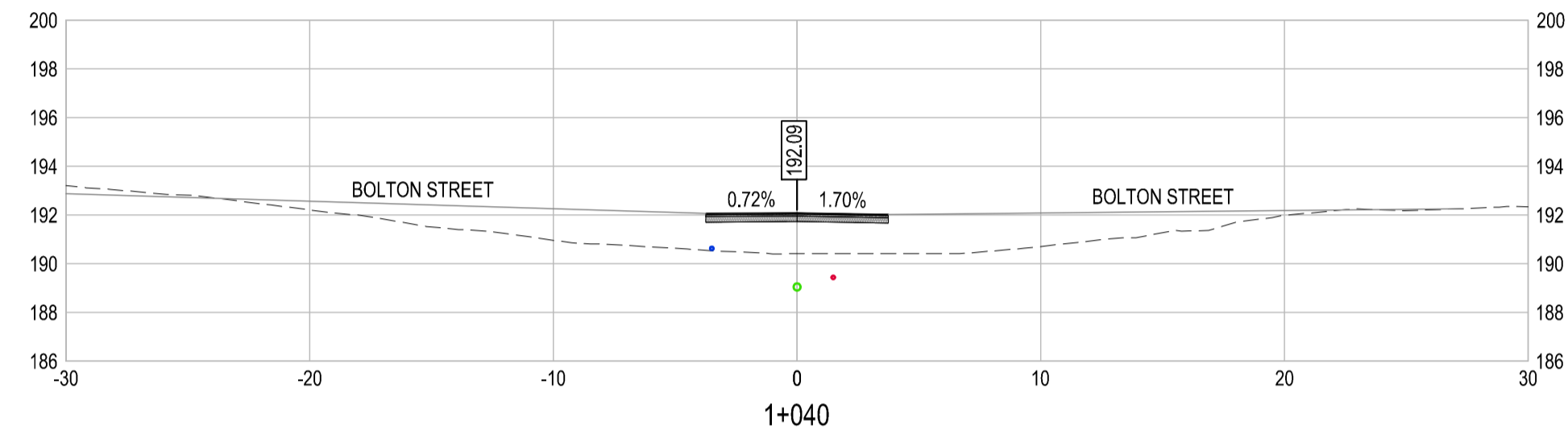
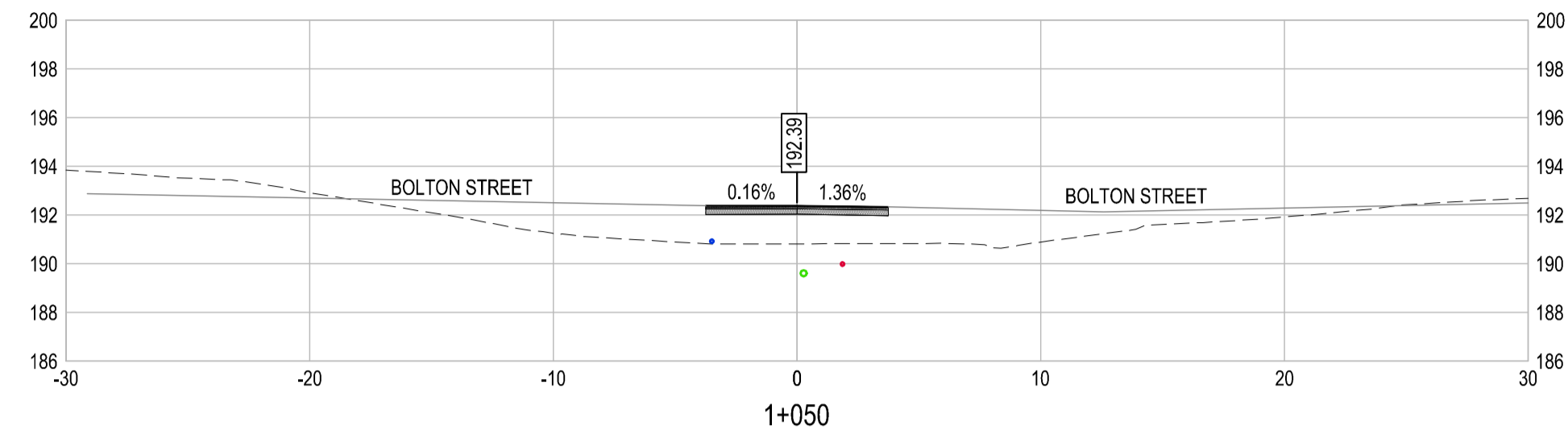


495 Sixth Street  
Courtenay BC  
Canada V9N 6V4  
Tel 250 338 5495



COAL VALLEY ESTATES JOINT VENTURE INC.  
CUMBERLAND, BC  
**COAL VALLEY PHASE 7  
AIR VALVE  
DETAIL**  
REM. D.L. 24, NELSON DISTRICT, PLAN EPP53358  
CUMBERLAND, BC

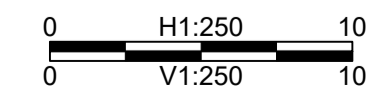
Drawing No.	202
Project Number	2211 46871-10
Rev.	0



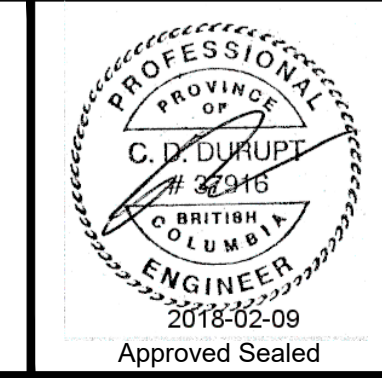
Rev	Date	Description	Drawn	Design	App'd
0	2018-01-26	ISSUED FOR CONSTRUCTION	AC	AC	CD

THIS DRAWING AND DESIGN IS THE PROPERTY OF McELHANNEY CONSULTING SERVICES LTD. (McELHANNEY) AND SHALL NOT BE USED, REUSED OR REPRODUCED WITHOUT THE CONSENT OF McELHANNEY. McELHANNEY WILL NOT BE HELD RESPONSIBLE FOR THE IMPROPER OR UNAUTHORIZED USE OF THIS DRAWING AND DESIGN. THIS DRAWING AND DESIGN HAS BEEN PREPARED FOR THE CLIENT IDENTIFIED, TO MEET THE STANDARDS AND REQUIREMENTS OF THE APPLICABLE PUBLIC AGENCIES AT THE TIME OF PREPARATION. McELHANNEY, ITS EMPLOYEES, SUBCONSULTANTS AND AGENTS WILL NOT BE LIABLE FOR ANY LOSSES OR OTHER CONSEQUENCES RESULTING FROM THE USE OR RELIANCE UPON, OR ANY CHANGES MADE TO, THIS DRAWING, BY ANY THIRD PARTY, INCLUDING CONTRACTORS, SUPPLIERS, CONSULTANTS AND STAKEHOLDERS, OR THEIR EMPLOYEES OR AGENTS, WITHOUT McELHANNEY'S PRIOR WRITTEN CONSENT. INFORMATION ON EXISTING UNDERGROUND FACILITIES MAY NOT BE COMPLETE OR ACCURATE. McELHANNEY, ITS EMPLOYEES AND DIRECTORS ARE NOT RESPONSIBLE NOR LIABLE FOR THE LOCATION OF ANY UNDERGROUND CONDUITS, PIPES, CABLES OR OTHER FACILITIES WHETHER SHOWN OR OMITTED FROM THIS PLAN. PRIOR TO CONSTRUCTION CONTRACTOR SHALL EXPOSE LOCATIONS OF ALL EXISTING FACILITIES BY HAND DIGGING OR HYDROVAC AND ADVISE THE ENGINEER OF POTENTIAL CONFLICTS.

ORIGINAL DWG SIZE: A1 (894 x 841mm)



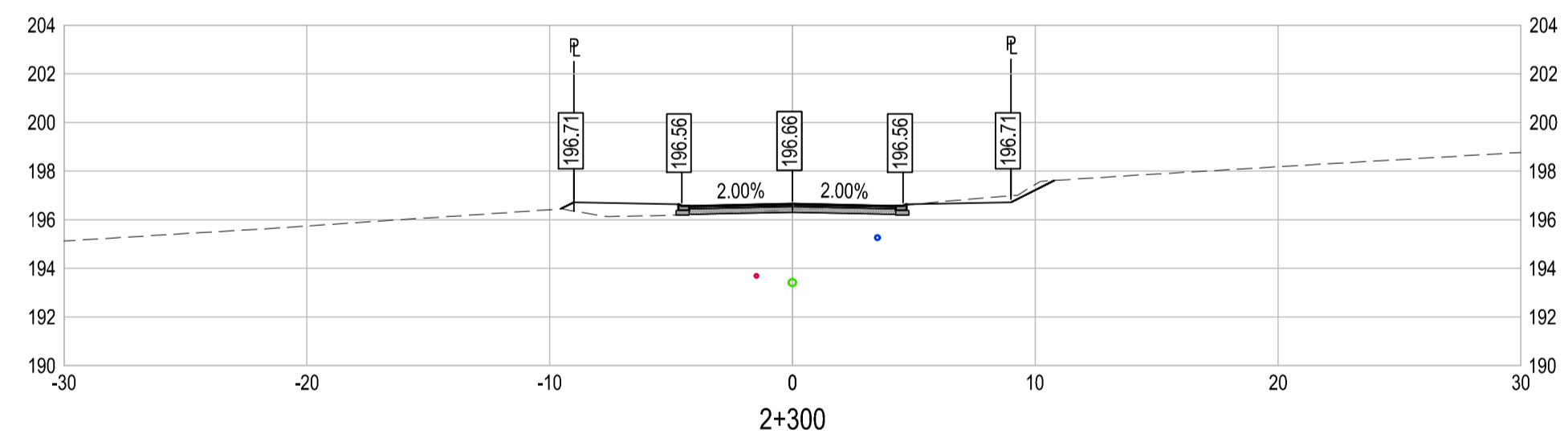
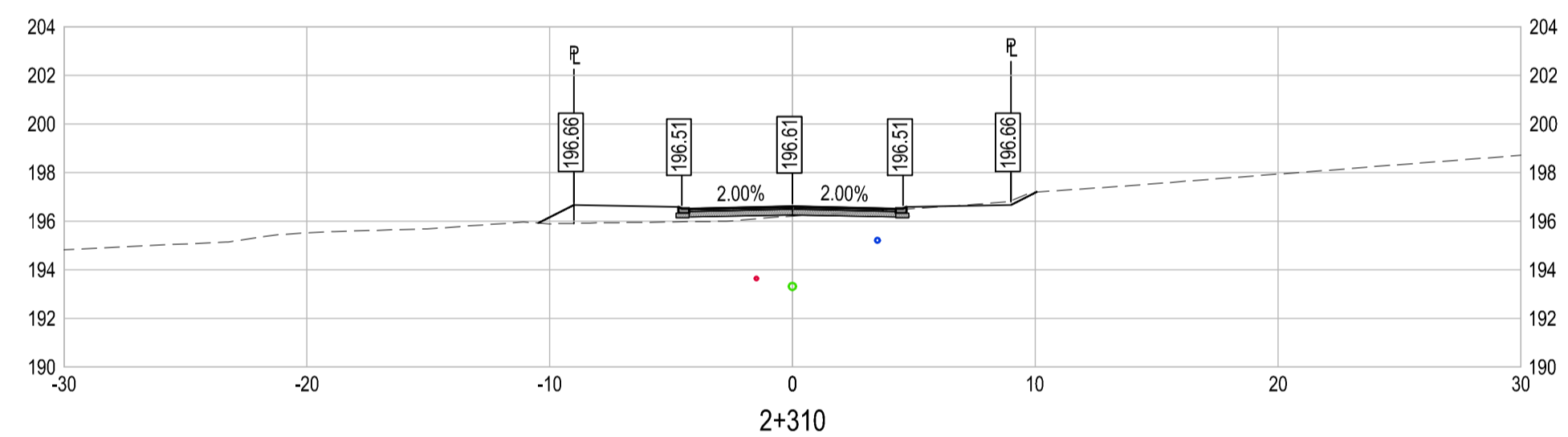
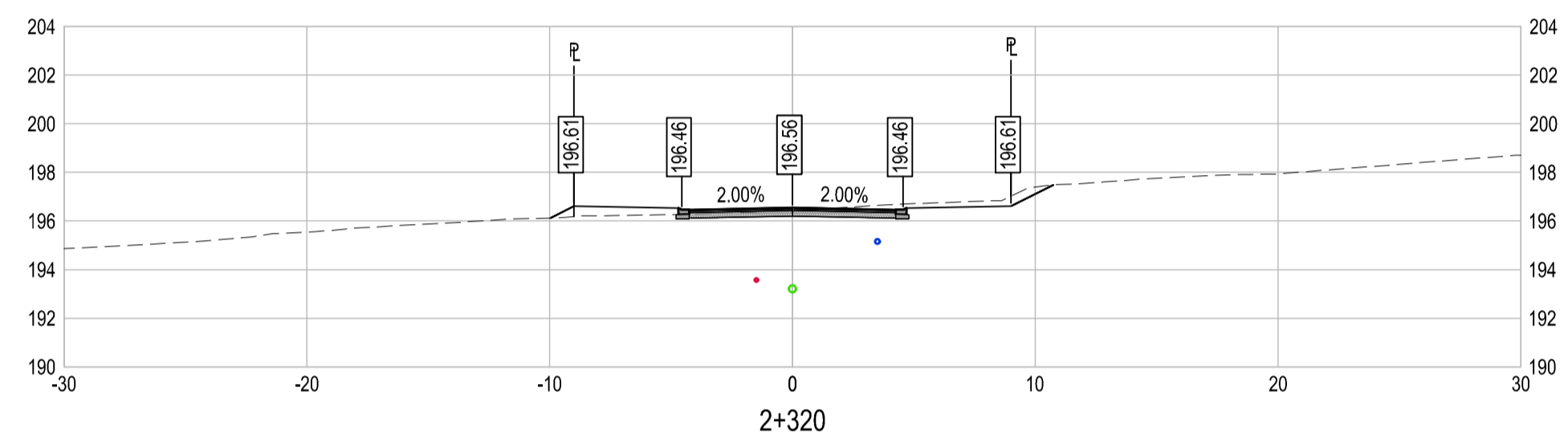
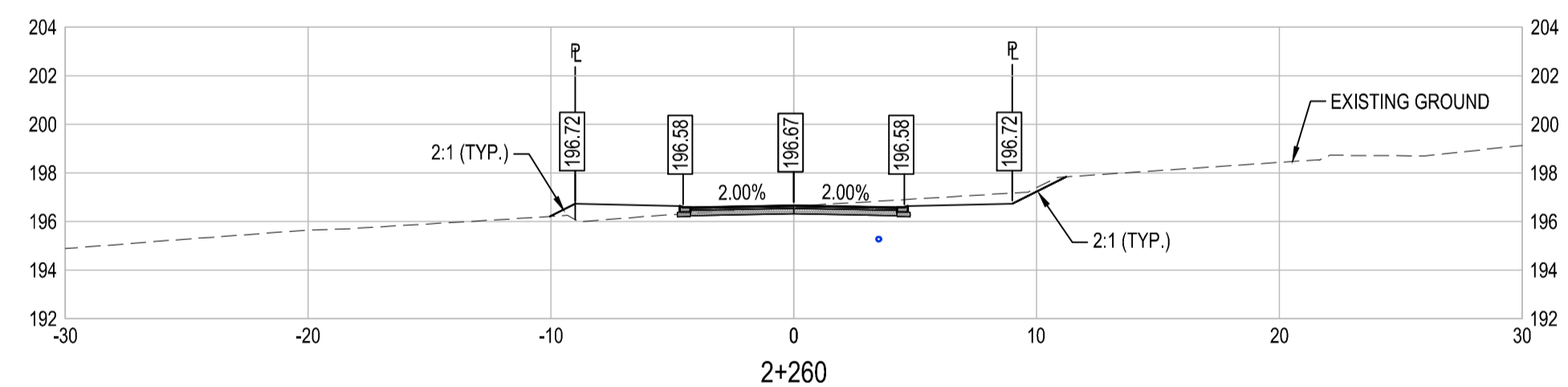
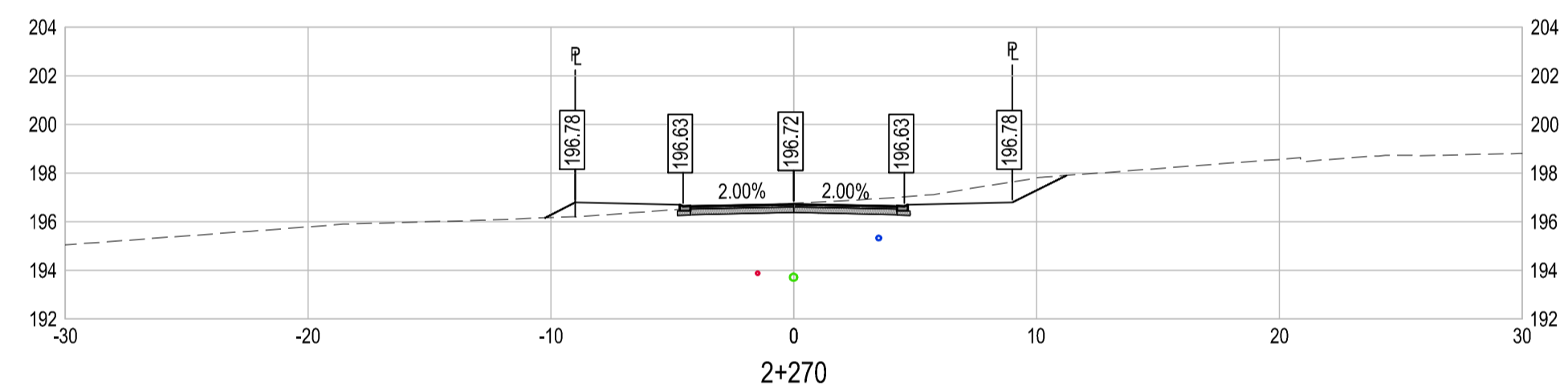
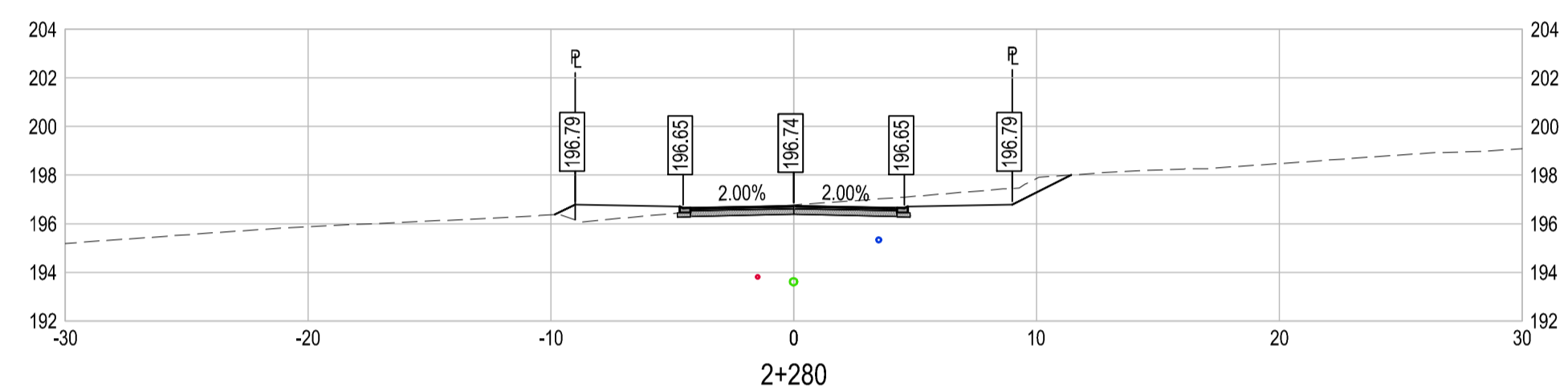
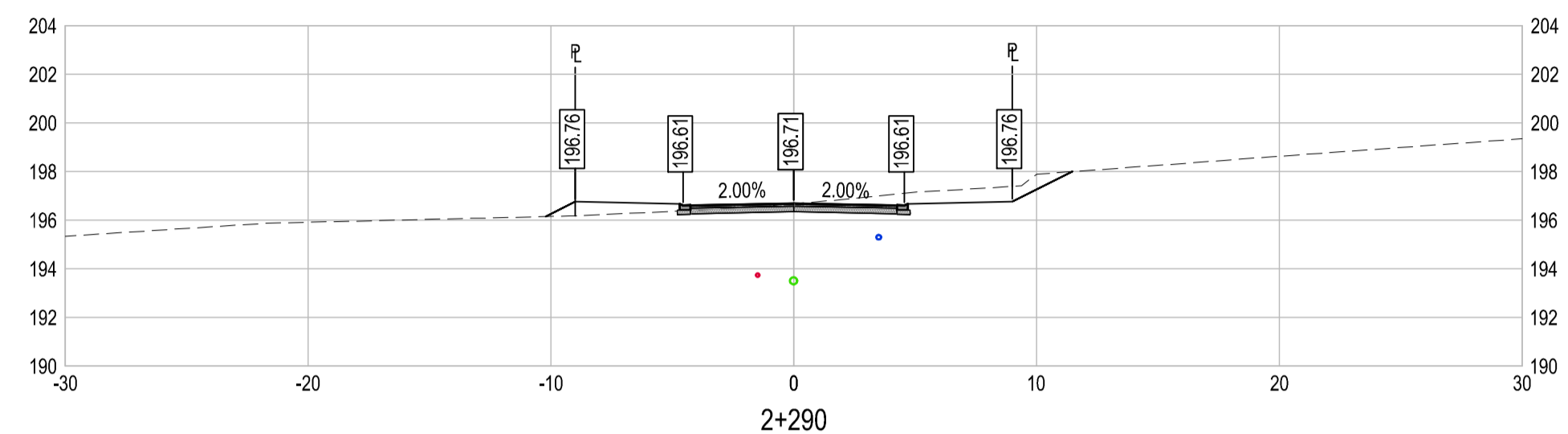
495 Sixth Street  
Courtenay BC  
Canada V9N 6V4  
Tel 250 338 5495



COAL VALLEY ESTATES JOINT VENTURE INC.  
CUMBERLAND, BC  
**COAL VALLEY PHASE 7  
BEAUMONT AVENUE  
CROSS SECTIONS**  
REM. D.L. 24, NELSON DISTRICT, PLAN EPP53358  
CUMBERLAND, BC

Drawing No. **300**  
Project Number 2211 46871-10  
Rev. 0

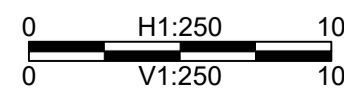




Rev	Date	Description	Drawn	Design	App'd
0	2018-01-26	ISSUED FOR CONSTRUCTION	AC	AC	CD

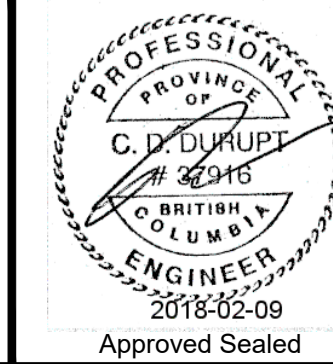
THIS DRAWING AND DESIGN IS THE PROPERTY OF McELHANNEY CONSULTING SERVICES LTD. (McELHANNEY) AND SHALL NOT BE USED, REUSED OR REPRODUCED WITHOUT THE CONSENT OF McELHANNEY. McELHANNEY WILL NOT BE HELD RESPONSIBLE FOR THE IMPROPER OR UNAUTHORIZED USE OF THIS DRAWING AND DESIGN. THIS DRAWING AND DESIGN HAS BEEN PREPARED FOR THE CLIENT IDENTIFIED, TO MEET THE STANDARDS AND REQUIREMENTS OF THE APPLICABLE PUBLIC AGENCIES AT THE TIME OF PREPARATION. McELHANNEY, ITS EMPLOYEES, SUBCONSULTANTS AND AGENTS WILL NOT BE LIABLE FOR ANY LOSSES OR OTHER CONSEQUENCES RESULTING FROM THE USE OR RELIANCE UPON, OR ANY CHANGES MADE TO, THIS DRAWING, BY ANY THIRD PARTY, INCLUDING CONTRACTORS, SUPPLIERS, CONSULTANTS AND STAKEHOLDERS, OR THEIR EMPLOYEES OR AGENTS, WITHOUT McELHANNEY'S PRIOR WRITTEN CONSENT. INFORMATION ON EXISTING UNDERGROUND FACILITIES MAY NOT BE COMPLETE OR ACCURATE. McELHANNEY, ITS EMPLOYEES AND DIRECTORS ARE NOT RESPONSIBLE NOR LIABLE FOR THE LOCATION OF ANY UNDERGROUND CONDUITS, PIPES, CABLES OR OTHER FACILITIES WHETHER SHOWN OR OMITTED FROM THIS PLAN. PRIOR TO CONSTRUCTION CONTRACTOR SHALL EXPOSE LOCATIONS OF ALL EXISTING FACILITIES BY HAND DIGGING OR HYDROVAC AND ADVISE THE ENGINEER OF POTENTIAL CONFLICTS.

ORIGINAL DWG SIZE: A1 (594 x 841mm)



**McElhanney**  
McElhanney Consulting Services Ltd.

495 Sixth Street  
Courtenay BC  
Canada V9N 6V4  
Tel 250 338 5495



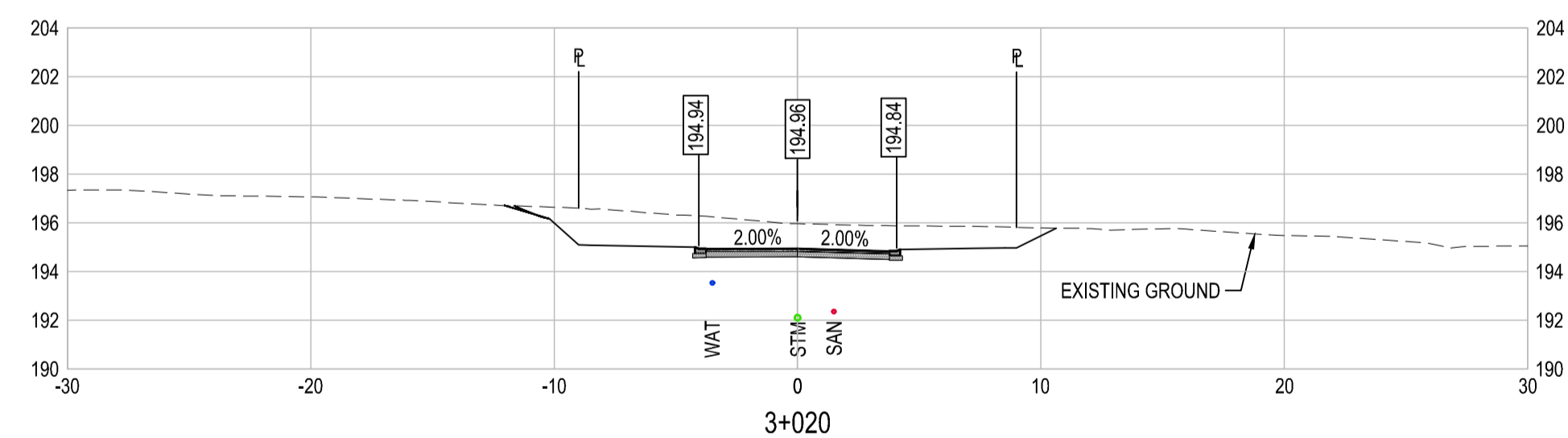
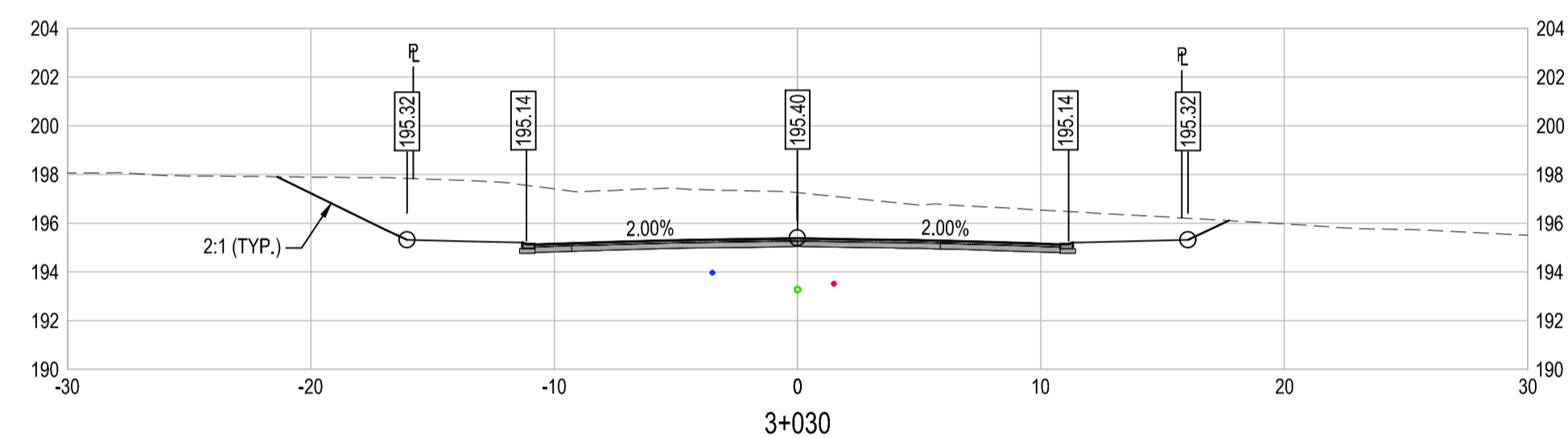
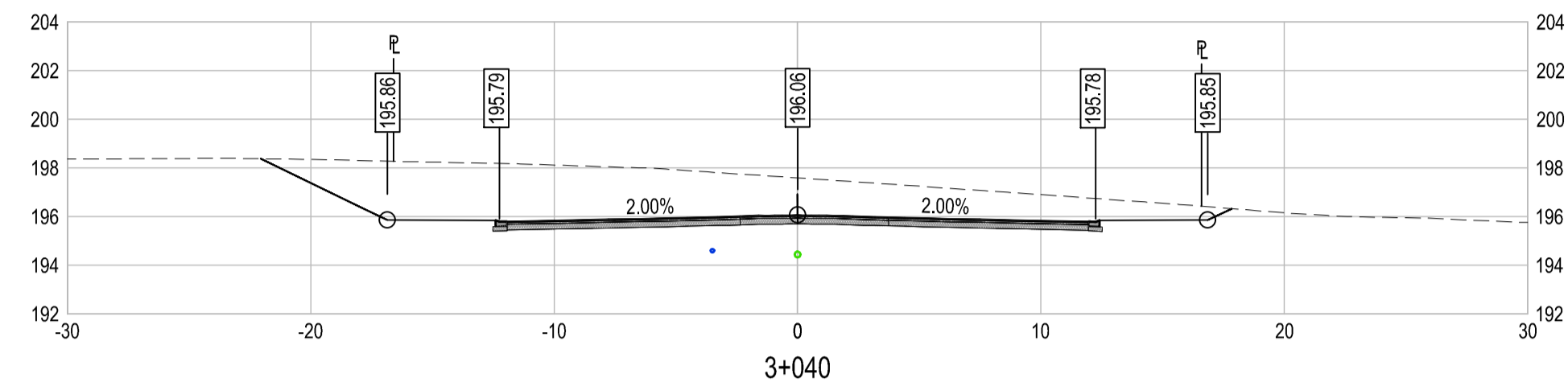
COAL VALLEY ESTATES JOINT VENTURE INC.  
CUMBERLAND, BC  
**COAL VALLEY PHASE 7  
BOLTON STREET  
CROSS SECTIONS**  
REM. D.L. 24, NELSON DISTRICT, PLAN EPP53358  
CUMBERLAND, BC

Drawing No.

**302**

Project Number  
2211 46871-10

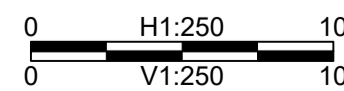
Rev.  
0



Rev	Date	Description	Drawn	Design	App'd
0	2018-01-26	ISSUED FOR CONSTRUCTION	AC	AC	CD

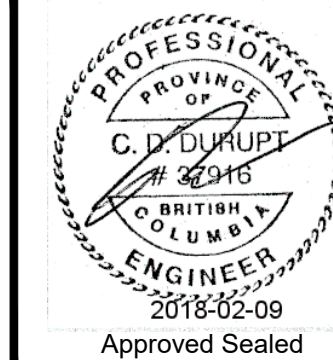
THIS DRAWING AND DESIGN IS THE PROPERTY OF McELHANNEY CONSULTING SERVICES LTD. (McELHANNEY) AND SHALL NOT BE USED, REUSED OR REPRODUCED WITHOUT THE CONSENT OF McELHANNEY. McELHANNEY WILL NOT BE HELD RESPONSIBLE FOR THE IMPROPER OR UNAUTHORIZED USE OF THIS DRAWING AND DESIGN. THIS DRAWING AND DESIGN HAS BEEN PREPARED FOR THE CLIENT IDENTIFIED, TO MEET THE STANDARDS AND REQUIREMENTS OF THE APPLICABLE PUBLIC AGENCIES AT THE TIME OF PREPARATION. McELHANNEY, ITS EMPLOYEES, SUBCONSULTANTS AND AGENTS WILL NOT BE LIABLE FOR ANY LOSSES OR OTHER CONSEQUENCES RESULTING FROM THE USE OR RELIANCE UPON, OR ANY CHANGES MADE TO, THIS DRAWING, BY ANY THIRD PARTY, INCLUDING CONTRACTORS, SUPPLIERS, CONSULTANTS AND STAKEHOLDERS, OR THEIR EMPLOYEES OR AGENTS, WITHOUT McELHANNEY'S PRIOR WRITTEN CONSENT. INFORMATION ON EXISTING UNDERGROUND FACILITIES MAY NOT BE COMPLETE OR ACCURATE. McELHANNEY, ITS EMPLOYEES AND DIRECTORS ARE NOT RESPONSIBLE NOR LIABLE FOR THE LOCATION OF ANY UNDERGROUND CONDUITS, PIPES, CABLES OR OTHER FACILITIES WHETHER SHOWN OR OMITTED FROM THIS PLAN. PRIOR TO CONSTRUCTION CONTRACTOR SHALL EXPOSE LOCATIONS OF ALL EXISTING FACILITIES BY HAND DIGGING OR HYDROVAC AND ADVISE THE ENGINEER OF POTENTIAL CONFLICTS.

ORIGINAL DWG SIZE: A1 (594 x 841mm)



**McElhanney**  
McElhanney Consulting Services Ltd.

495 Sixth Street  
Courtenay BC  
Canada V9N 6V4  
Tel 250 338 5495



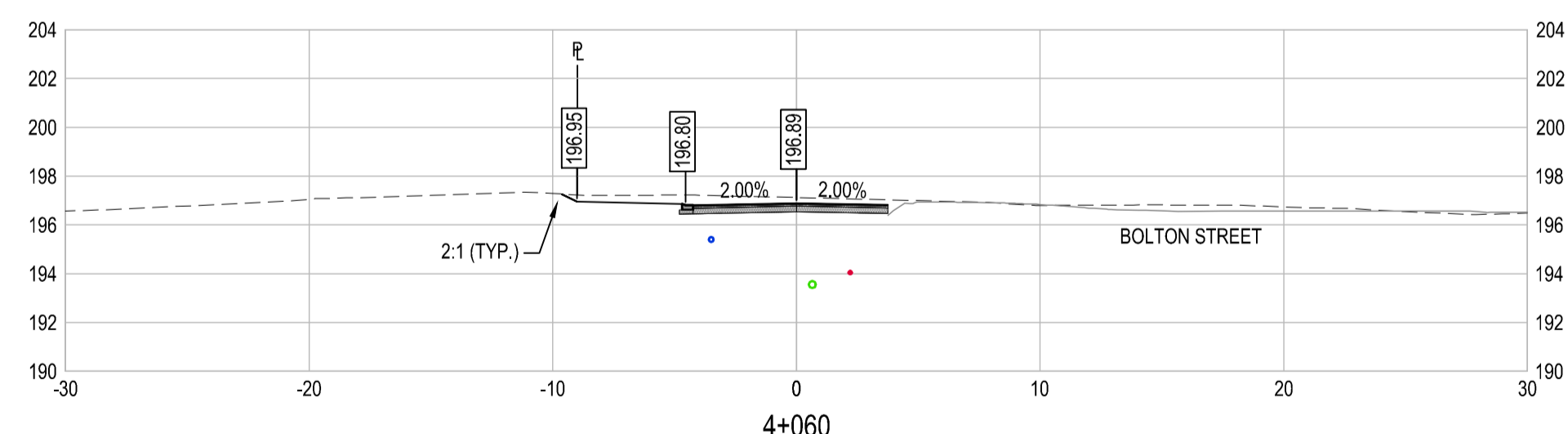
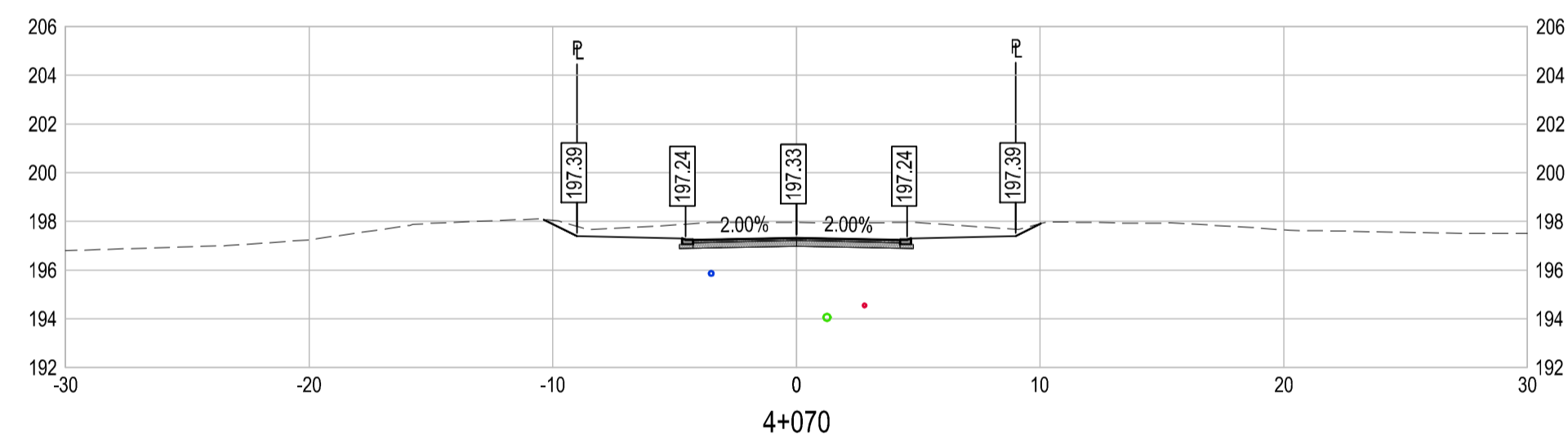
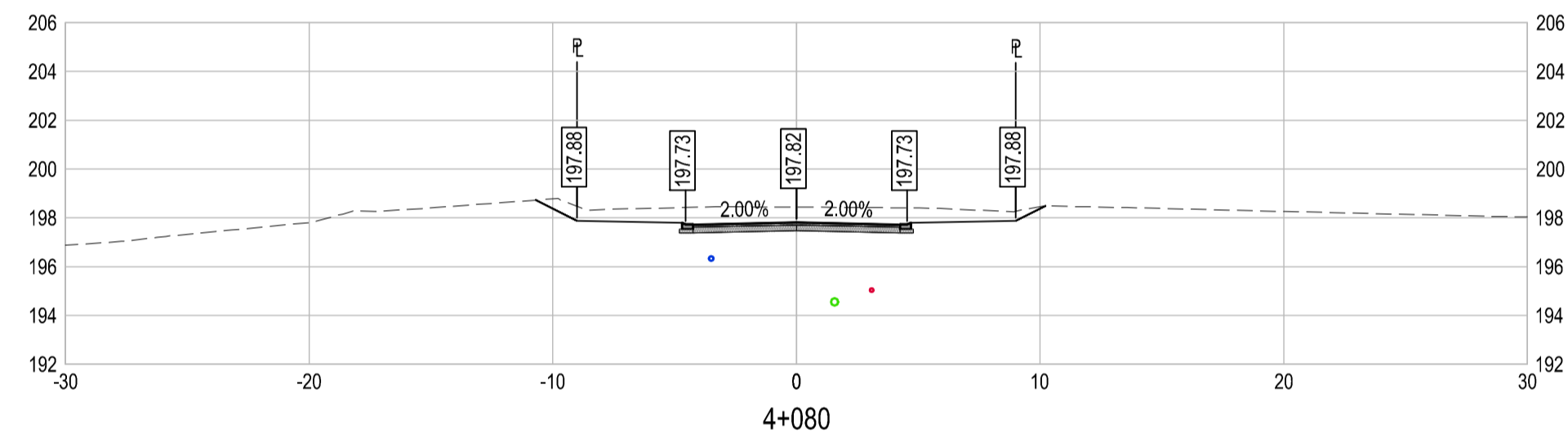
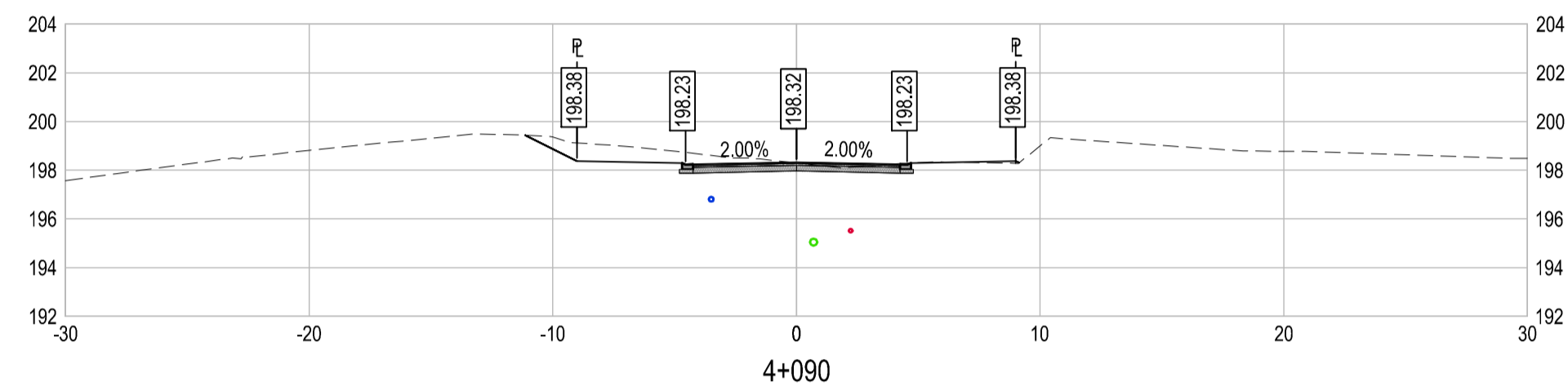
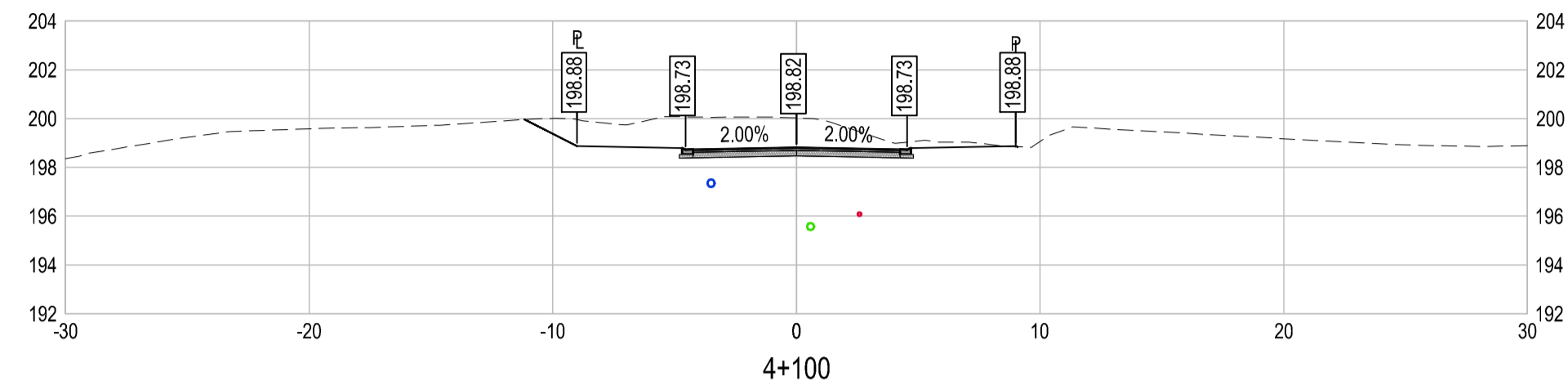
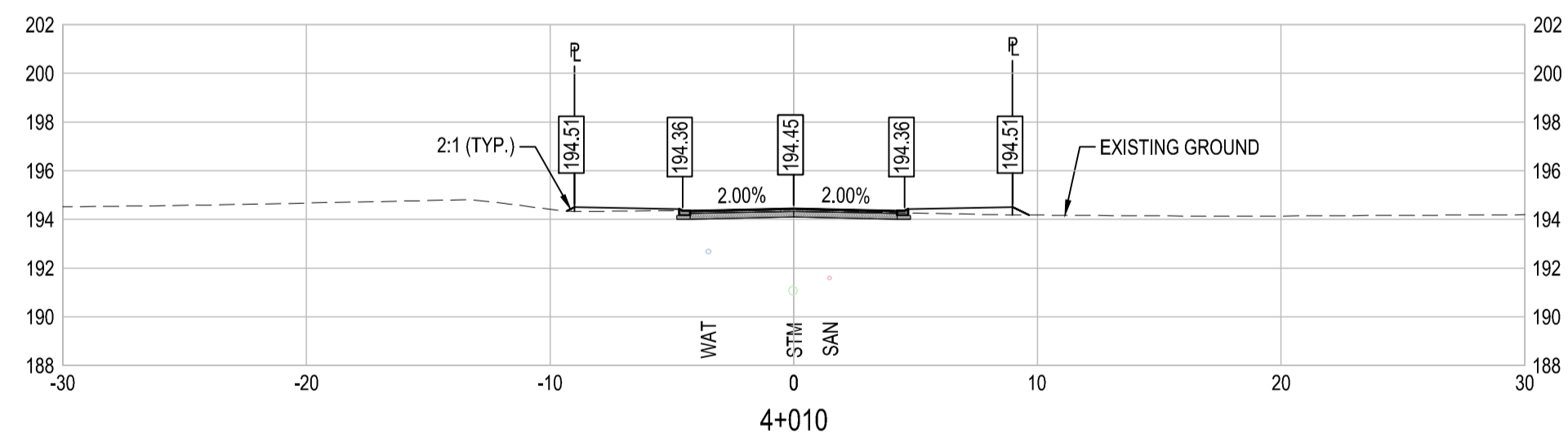
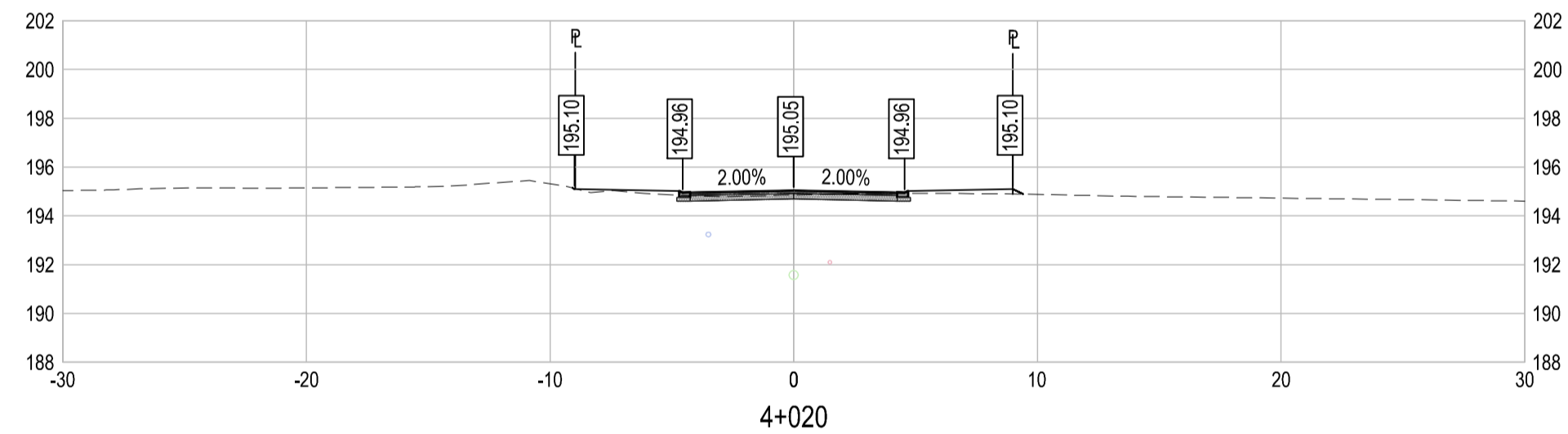
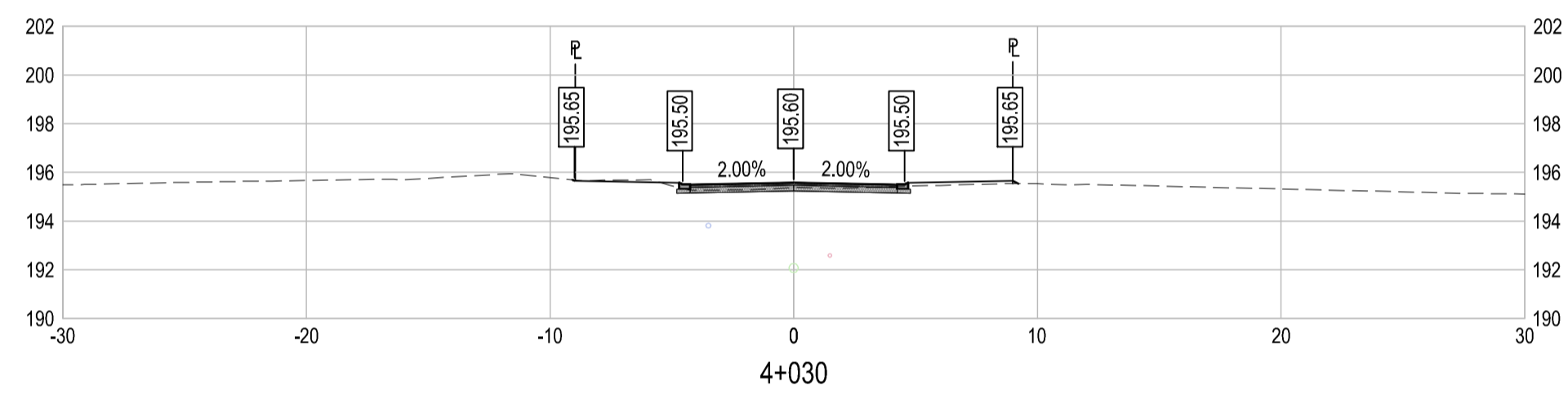
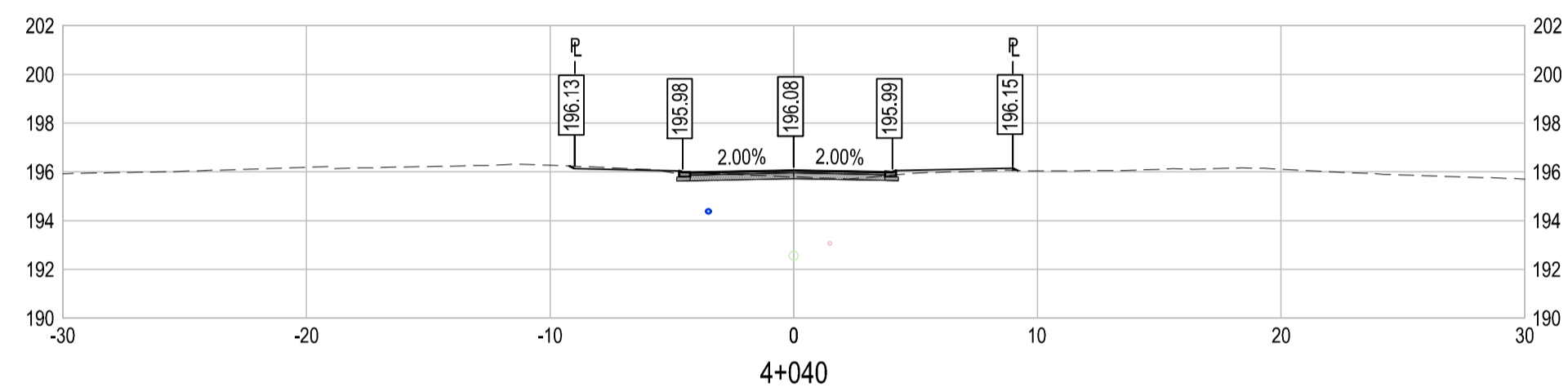
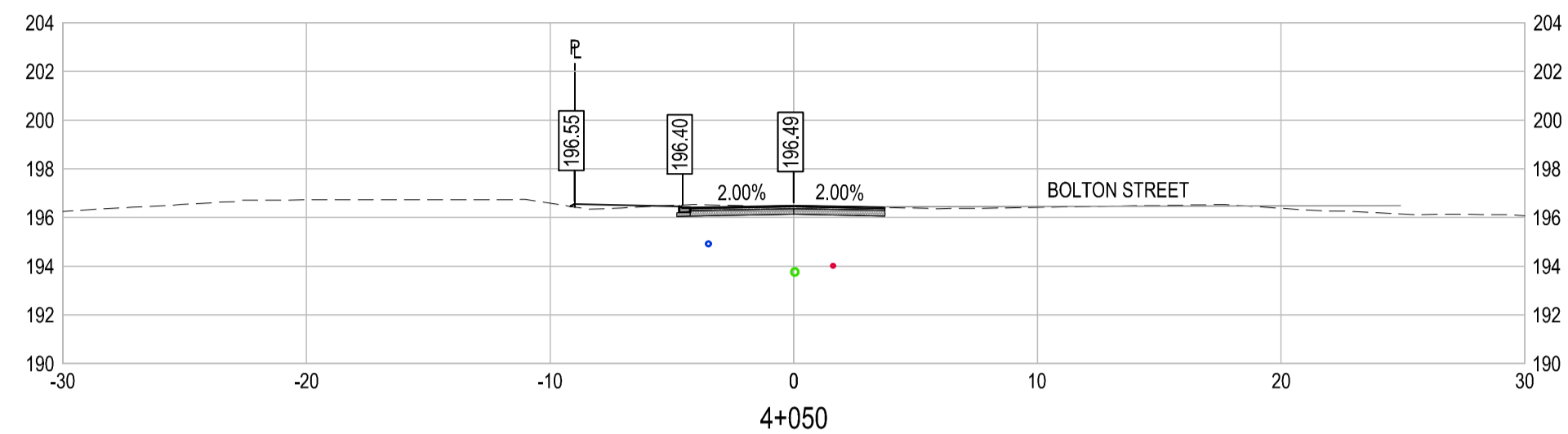
COAL VALLEY ESTATES JOINT VENTURE INC.  
CUMBERLAND, BC  
**COAL VALLEY PHASE 7  
DENTON CLOSE  
CROSS SECTIONS**  
REM. D.L. 24, NELSON DISTRICT, PLAN EPP53358  
CUMBERLAND, BC

Drawing No.

**303**

Project Number  
2211 46871-10

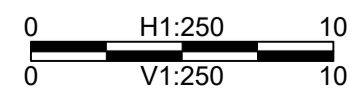
Rev.  
0



Rev	Date	Description	Drawn	Design	App'd
0	2018-01-26	ISSUED FOR CONSTRUCTION	AC	AC	CD

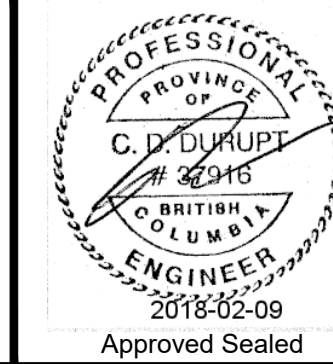
THIS DRAWING AND DESIGN IS THE PROPERTY OF McELHANNEY CONSULTING SERVICES LTD. (McELHANNEY) AND SHALL NOT BE USED, REUSED OR REPRODUCED WITHOUT THE CONSENT OF McELHANNEY. McELHANNEY WILL NOT BE HELD RESPONSIBLE FOR THE IMPROPER OR UNAUTHORIZED USE OF THIS DRAWING AND DESIGN. THIS DRAWING AND DESIGN HAS BEEN PREPARED FOR THE CLIENT IDENTIFIED, TO MEET THE STANDARDS AND REQUIREMENTS OF THE APPLICABLE PUBLIC AGENCIES AT THE TIME OF PREPARATION. McELHANNEY, ITS EMPLOYEES, SUBCONSULTANTS AND AGENTS WILL NOT BE LIABLE FOR ANY LOSSES OR OTHER CONSEQUENCES RESULTING FROM THE USE OR RELIANCE UPON, OR ANY CHANGES MADE TO, THIS DRAWING, BY ANY THIRD PARTY, INCLUDING CONTRACTORS, SUPPLIERS, CONSULTANTS AND STAKEHOLDERS, OR THEIR EMPLOYEES OR AGENTS, WITHOUT McELHANNEY'S PRIOR WRITTEN CONSENT. INFORMATION ON EXISTING UNDERGROUND FACILITIES MAY NOT BE COMPLETE OR ACCURATE. McELHANNEY, ITS EMPLOYEES AND DIRECTORS ARE NOT RESPONSIBLE NOR LIABLE FOR THE LOCATION OF ANY UNDERGROUND CONDUITS, PIPES, CABLES OR OTHER FACILITIES WHETHER SHOWN OR OMITTED FROM THIS PLAN. PRIOR TO CONSTRUCTION CONTRACTOR SHALL EXPOSE LOCATIONS OF ALL EXISTING FACILITIES BY HAND DIGGING OR HYDROVAC AND ADVISE THE ENGINEER OF POTENTIAL CONFLICTS.

ORIGINAL DWG SIZE: A1 (594 x 841mm)



**McElhanney**  
McElhanney Consulting Services Ltd.

495 Sixth Street  
Courtenay BC  
Canada V9N 6V4  
Tel 250 338 5495



**COAL VALLEY ESTATES JOINT VENTURE INC.**  
CUMBERLAND, BC  
**COAL VALLEY PHASE 7**  
**KENTMERE AVENUE**  
**CROSS SECTIONS**  
REM. D.L. 24, NELSON DISTRICT, PLAN EPP53358  
CUMBERLAND, BC

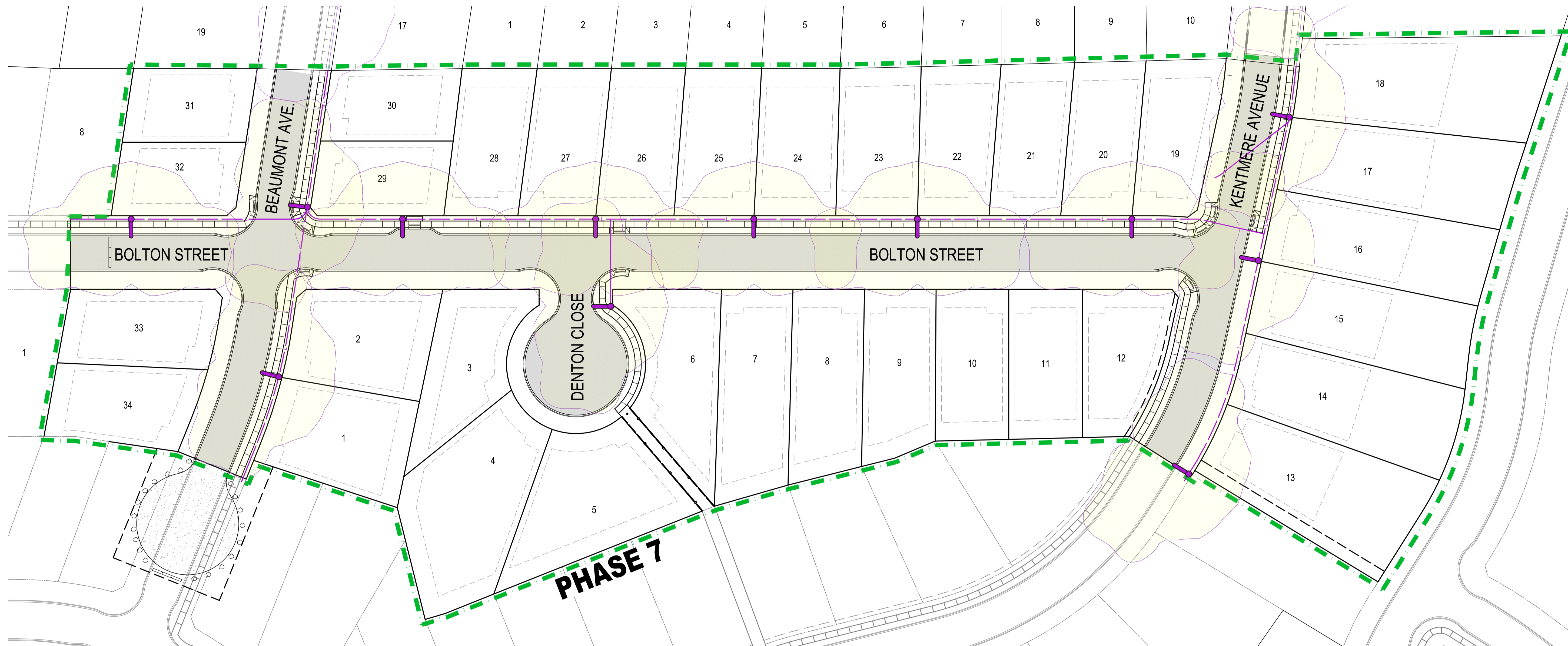
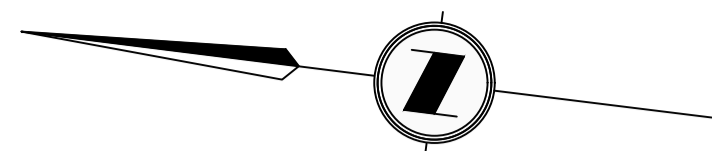
Drawing No.

**304**

Project Number  
2211 46871-10

Rev.  
0





**STREET LIGHTING NOTES**

1. ALL MATERIALS SHALL BE NEW, C.S.A. APPROVED & IN ACCORDANCE WITH VILLAGE OF CUMBERLAND SPECIFICATIONS.
2. ALL WORK MUST BE DONE IN ACCORDANCE WITH THE B.C. VERSION OF CANADIAN ELECTRICAL CODE. PERMITS & INSPECTION SHALL BE ARRANGED BY THE CONTRACTOR.
3. FOR EXACT LOCATION OF SERVICE BOX AND SYSTEM CONNECTION POINT, REFER TO B.C. HYDRO DRAWINGS.
4. ALL UNDERGROUND CONDUITS SHALL BE 32 mmØ. RIGID PVC UNLESS OTHERWISE NOTED.
5. CONDUCTORS SHALL BE RW 90 COPPER. COLOUR-CODED. WIRES SHALL BE SIZED SO THAT MAX. VOLTAGE DROP FROM HYDRO TO LUMINAIRE IS 5%. HOWEVER, MINIMUM WIRE SIZES SHALL BE:
  - GROUND RUNS No. 8
  - FEEDER RUNS No. 6
  - LUMINAIRE SUPPLY No. 12
  - CONTROL CIRCUIT No. 14
6. GROUND RODS SHALL BE 20 mmØ x 3 m LONG.
7. CONDUITS SHALL BE INSTALLED 600mm BELOW GRADE, BEDDED IN SAND 75mm ABOVE & 75mm BELOW & IDENTIFIED WITH WARNING TAPE.
8. POLES SHALL BE NOVA NSD OR EQUAL, 9m GALVANIZED HEIGHT (INCLUDING SERVICE BASE WHERE APPLICABLE); 7.6m REACH 2.5m
9. LUMINAIRES SHALL BE GENERAL ELECTRIC (M-250R2), 120 VOLT, 150 WATT HPS LAMP, GLASS REFRACTOR. MEDIUM TYPE II DISTRIBUTION UNLESS OTHERWISE NOTED. (PART # M2RC15S1N2GMC2108)
10. SERVICE EQUIPMENT SHALL BE 60 AMP, 2 POLE CIRCUIT BREAKER, SIZE 2 CONTACTOR, H-O-A SELECTOR SWITCH, MOUNTED IN CEMA 3 ENCLOSURE INSTALLED IN GALVANIZED STEEL SUB-BASE (WEST COAST ELECTRIC No. MSTL 3301).
11. STREETLIGHT BASES SHALL BE PRECAST CONCRETE, 1500 mm HIGH TO MMCD TYPE C STANDARD.
12. STREETLIGHTS SHALL INCORPORATE FLAT LENS OR "CUT-OFF" TECHNOLOGY.
13. ISOLUX CURVES SHOWN ARE BASED ON 4.0 Lux AVG. AT 6:1 UNIFORMITY RATIO (THEREFORE 0.667 Lux LINE SHOWN).
14. THIS DRAWING HAS BEEN PREPARED BY McElhanney WITHOUT THE BENEFIT OF DESIGN BY AN ELECTRICAL ENGINEER. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT THE WORK IS SAFE, MEETS THE APPLICABLE CODE AND STANDARDS & OPERATES PROPERLY.

**LEGEND**

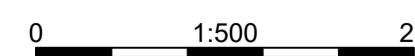
- STREET LIGHT DUCT
- STREET LIGHT
- ISOLUX CURVE FOR PROPOSED GENERAL ELECTRIC, 120 VOLT, 150 WATT HPS LAMP. (TYPE A)
- ISOLUX CURVE FOR EXISTING STREET LIGHTS

DATE: 2018-02-07 09:40 FILE: G:\2111\_Engineering\4500-4699\46871-10\_CVE Phase 7\10.0\_Drawing\10.2\_Engineering\10.2\_Sheet\46871-CV-500-Street Lighting Plan.dwg

Rev	Date	Description	Drawn	Design	App'd
0	2018-01-26	ISSUED FOR CONSTRUCTION	AC	AC	CD

THIS DRAWING AND DESIGN IS THE PROPERTY OF McELHANNEY CONSULTING SERVICES LTD. (McELHANNEY) AND SHALL NOT BE USED, REPRODUCED OR REPROPOSED WITHOUT THE CONSENT OF McELHANNEY. McELHANNEY WILL NOT BE HELD RESPONSIBLE FOR THE IMPROPER OR UNAUTHORIZED USE OF THIS DRAWING AND DESIGN. THIS DRAWING AND DESIGN HAS BEEN PREPARED FOR THE CLIENT IDENTIFIED, TO MEET THE STANDARDS AND REQUIREMENTS OF THE APPLICABLE PUBLIC AGENCIES AT THE TIME OF PREPARATION. McELHANNEY, ITS EMPLOYEES, SUBCONSULTANTS AND AGENTS WILL NOT BE LIABLE FOR ANY LOSSES OR OTHER CONSEQUENCES RESULTING FROM THE USE OR RELIANCE UPON, OR ANY CHANGES MADE TO, THIS DRAWING, BY ANY THIRD PARTY, INCLUDING CONTRACTORS, SUPPLIERS, CONSULTANTS AND STAKEHOLDERS, OR THEIR EMPLOYEES OR AGENTS, WITHOUT McELHANNEY'S PRIOR WRITTEN CONSENT. INFORMATION ON EXISTING UNDERGROUND FACILITIES MAY NOT BE COMPLETE OR ACCURATE. McELHANNEY, ITS EMPLOYEES AND DIRECTORS ARE NOT RESPONSIBLE NOR LIABLE FOR THE LOCATION OF ANY UNDERGROUND CONDUITS, PIPES, CABLES OR OTHER FACILITIES WHETHER SHOWN OR OMITTED FROM THIS PLAN. PRIOR TO CONSTRUCTION CONTRACTOR SHALL EXPOSE LOCATIONS OF ALL EXISTING FACILITIES BY HAND DIGGING OR HYDROVAC AND ADVISE THE ENGINEER OF POTENTIAL CONFLICTS.

ORIGINAL DWG SIZE: A1 (594 x 841mm)



**McElhanney**  
McElhanney Consulting Services Ltd.

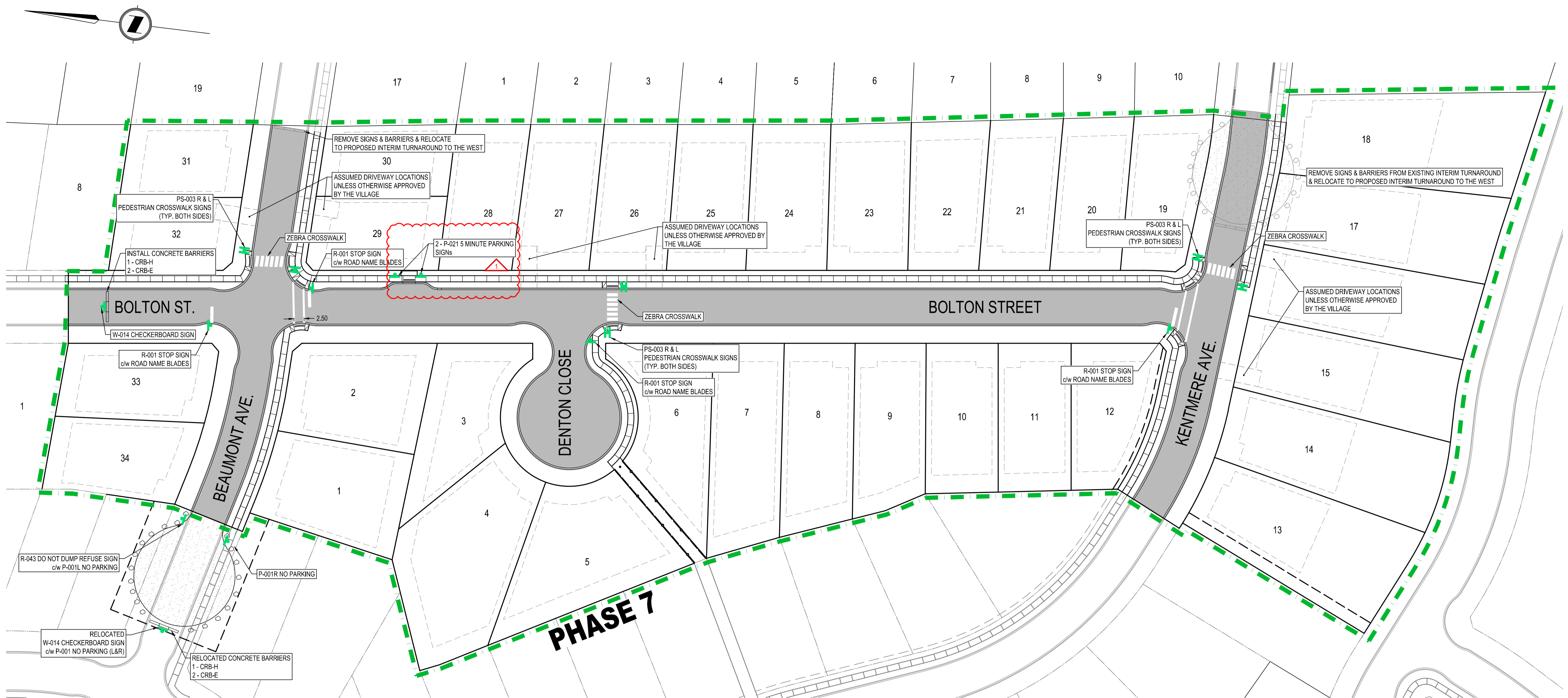
495 Sixth Street  
Courtenay BC  
Canada V9N 6V4  
Tel 250 338 5495



COAL VALLEY ESTATES JOINT VENTURE INC.  
CUMBERLAND, BC  
**COAL VALLEY PHASE 7  
STREET LIGHTING  
PLAN**  
REM. D.L. 24, NELSON DISTRICT, PLAN EPP53358  
CUMBERLAND, BC

Drawing No. **500**  
Project Number 2211 46871-10  
Rev. 0

DESIGN BY ALL PARTS BEING PREPARED BY McELHANNEY



**SIGN DESIGNATION TABLE**

DESCRIPTION	TAC SIGN DESIGNATION	BC MoTI SIGN DESIGNATION
STOP	RA-1	R-001
NO PARKING LEFT & RIGHT	RB-55 (L & R)	P-001 (L & R)
PEDESTRIAN CROSSWALK	RA-4 (L & R)	PS-003 (L & R)
DO NOT DUMP REFUSE	N/A	R-043
CHECKER BOARD	WA-8	W-014
5MINUTE PARKING	RB-53	P-021
CUSTOM AUTO-FLUSH SIGN	N/A	N/A

**SIGNAGE & PAINT MARKING NOTES**

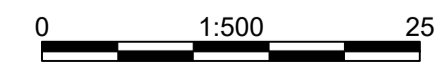
- ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC PAINT MEETING BC MINISTRY OF TRANSPORTATION & INFRASTRUCTURE (MoTI) STANDARDS, WITH COLOURS MEETING VILLAGE OF CUMBERLAND SPECIFICATIONS. WHITE - LAFRENTZ 0320  
YELLOW - LAFRENTZ 0358
- ALL SIGNS SHALL CONFORM TO THE 'MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR CANADA' EXCEPT MoTI WHERE NOTED.
- ALL SIGNS MUST BE "HIGH INTENSITY" EXCEPT STREET BLADES.
- SIGNS ARE TO BE PAID FOR AND INSTALLED BY THE DEVELOPER.
- THE CONTRACTOR SHALL INSTALL ROAD MARKINGS TO MoTI SPECIFICATIONS.
- THE DESIGN SPEED OF ALL ROADS IN PHASE 7 IS 50km/h

DATE: 2018-02-07 09:40 FILE: G:\2121\Engineering\4500-4699\46871-0 COE Phase 7\10.0 Drawings\10.2 Signage & Paint Marking Plan.dwg

Rev	Date	Description	Drawn	Design	App'd
1	2018-02-02	ADDED SHORT TERM PARKING SIGN	AC	AC	CD
0	2018-01-26	ISSUED FOR CONSTRUCTION	AC	AC	CD

THIS DRAWING AND DESIGN IS THE PROPERTY OF McELHANNEY CONSULTING SERVICES LTD. (McELHANNEY) AND SHALL NOT BE USED, REPRODUCED OR REPROPOSED WITHOUT THE CONSENT OF McELHANNEY. McELHANNEY WILL NOT BE HELD RESPONSIBLE FOR THE IMPROPER OR UNAUTHORIZED USE OF THIS DRAWING AND DESIGN. THIS DRAWING AND DESIGN HAS BEEN PREPARED FOR THE CLIENT IDENTIFIED, TO MEET THE STANDARDS AND REQUIREMENTS OF THE APPLICABLE PUBLIC AGENCIES AT THE TIME OF PREPARATION. McELHANNEY, ITS EMPLOYEES, SUBCONSULTANTS AND AGENTS WILL NOT BE LIABLE FOR ANY LOSSES OR OTHER CONSEQUENCES RESULTING FROM THE USE OR RELIANCE UPON, OR ANY CHANGES MADE TO, THIS DRAWING, BY ANY THIRD PARTY, INCLUDING CONTRACTORS, SUPPLIERS, CONSULTANTS AND STAKEHOLDERS, OR THEIR EMPLOYEES OR AGENTS, WITHOUT McELHANNEY'S PRIOR WRITTEN CONSENT. INFORMATION ON EXISTING UNDERGROUND FACILITIES MAY NOT BE COMPLETE OR ACCURATE. McELHANNEY, ITS EMPLOYEES AND DIRECTORS ARE NOT RESPONSIBLE NOR LIABLE FOR THE LOCATION OF ANY UNDERGROUND CONDUITS, PIPES, CABLES OR OTHER FACILITIES WHETHER SHOWN OR OMITTED FROM THIS PLAN. PRIOR TO CONSTRUCTION CONTRACTOR SHALL EXPOSE LOCATIONS OF ALL EXISTING FACILITIES BY HAND DIGGING OR HYDROVAC AND ADVISE THE ENGINEER OF POTENTIAL CONFLICTS.

ORIGINAL DWG SIZE: A1 (594 x 841mm)



**McElhanney**  
McElhanney Consulting Services Ltd.

495 Sixth Street  
Courtenay BC  
Canada V9N 6V4  
Tel 250 338 5495

PROFESSIONAL ENGINEER  
C. D. DURUP  
2018-02-09  
Approved Sealed

COAL VALLEY ESTATES JOINT VENTURE INC.  
CUMBERLAND, BC

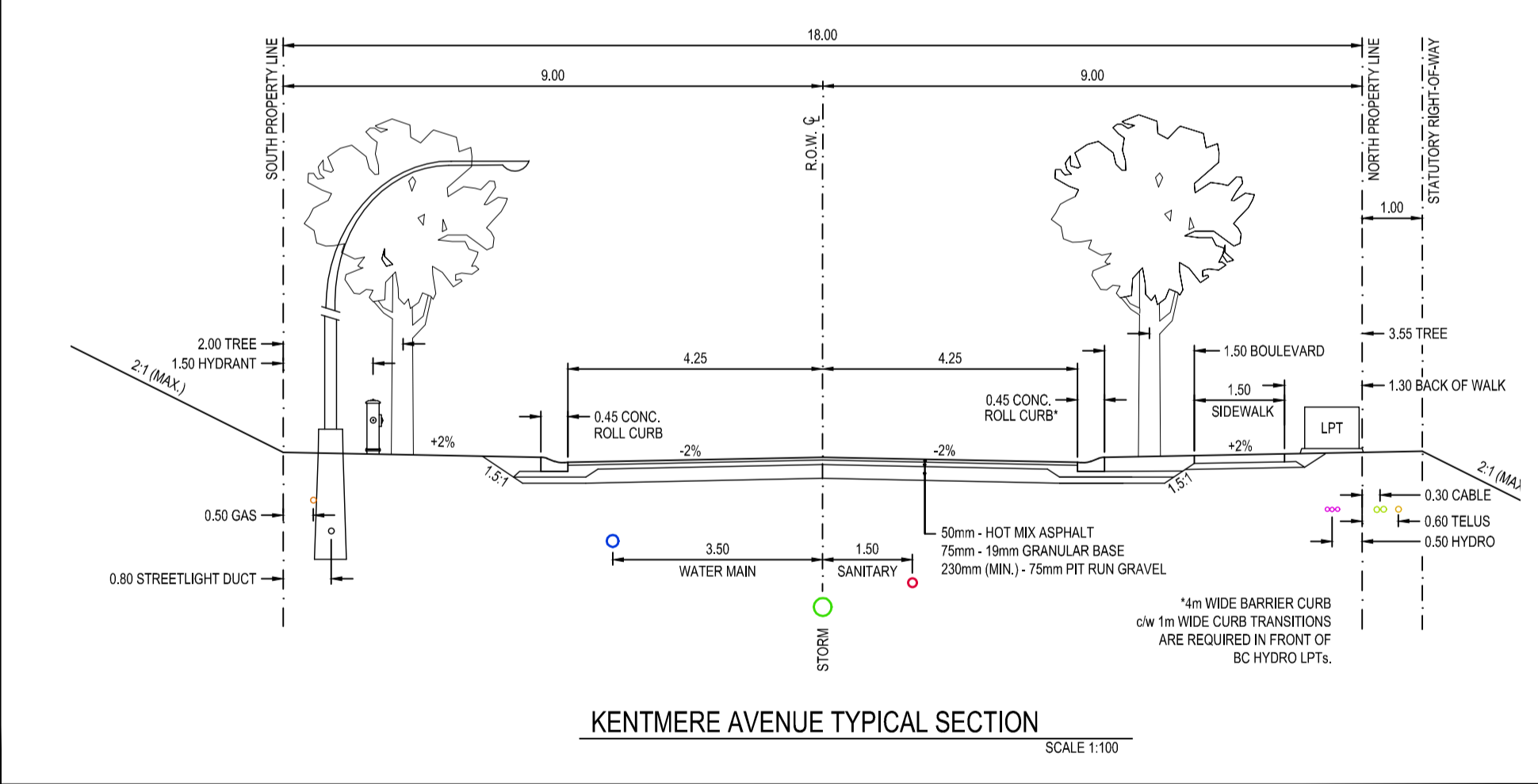
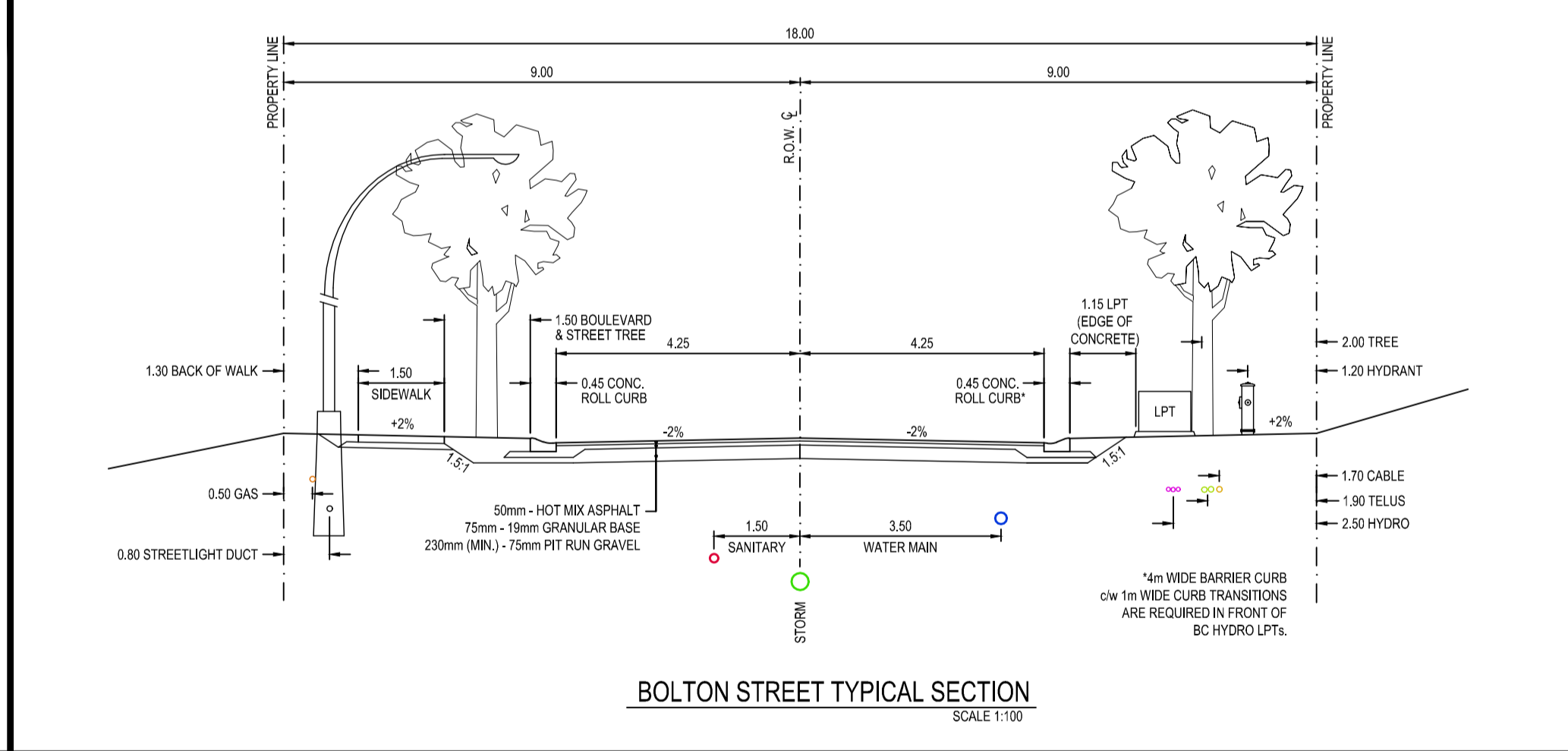
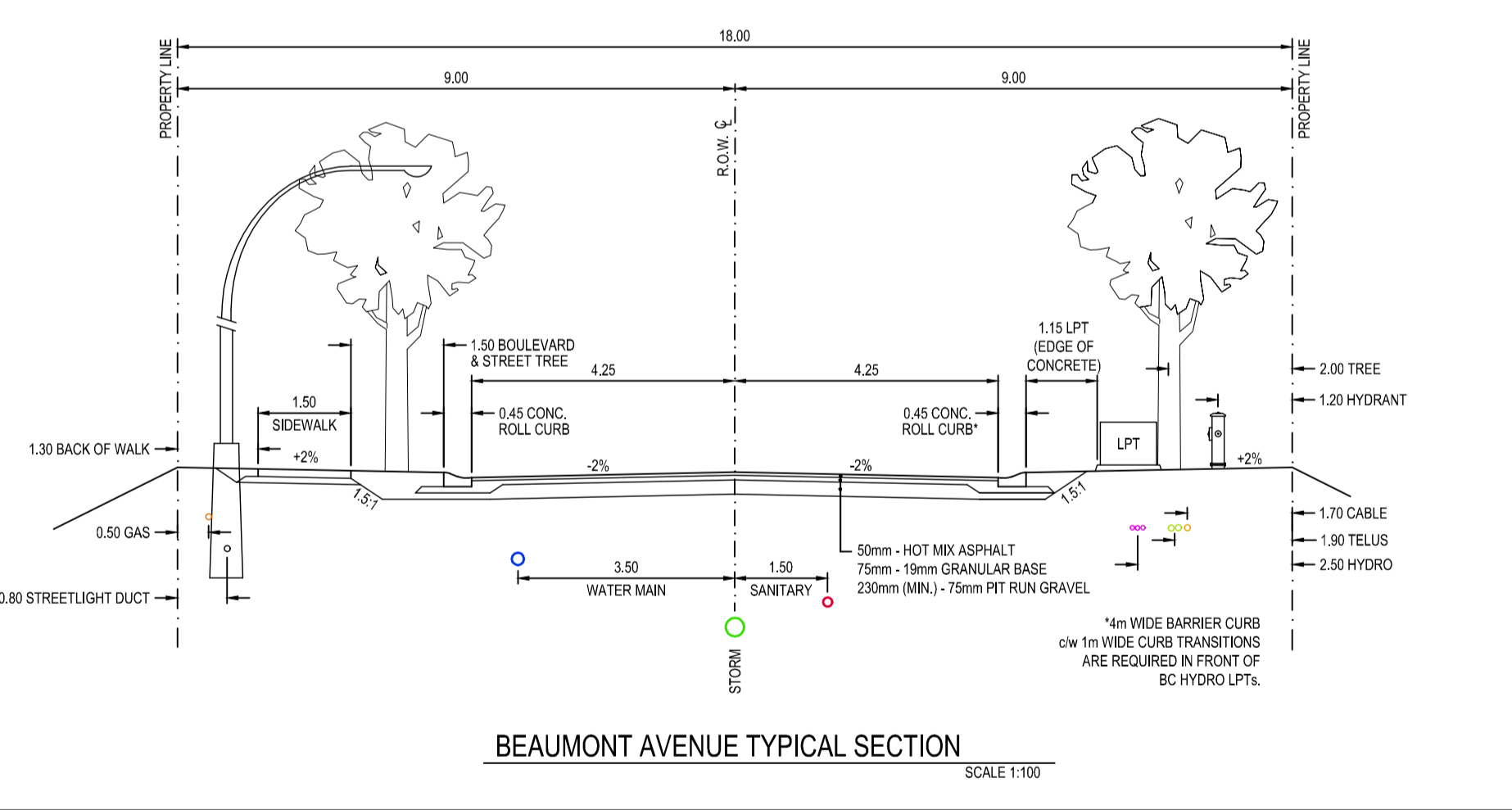
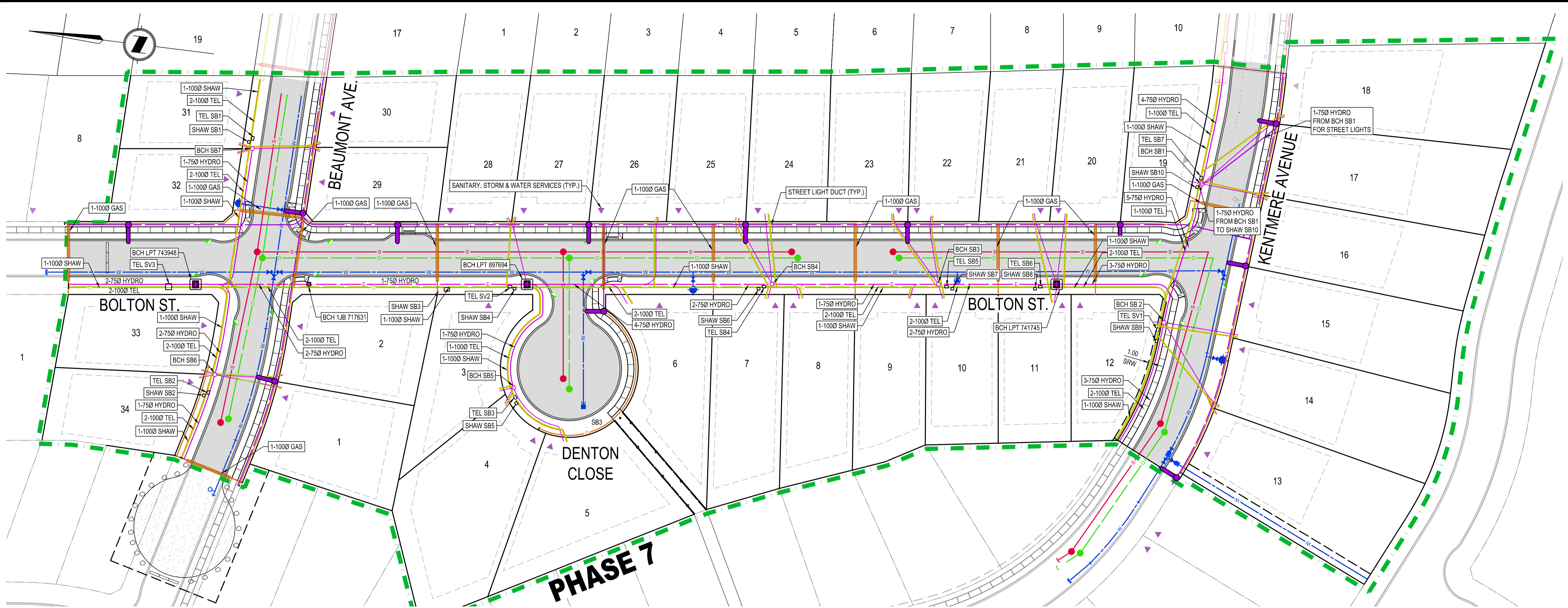
**COAL VALLEY PHASE 7  
SIGNAGE & PAINT MARKING  
PLAN**

REM. D.L. 24, NELSON DISTRICT, PLAN EPP53358  
CUMBERLAND, BC

Drawing No. **501**

Project Number 2211 46871-10 Rev. 1

DESIGNED BY: PAVEN BEAUMONT; DRAWN BY: PAVEN BEAUMONT



**GENERAL NOTES**

- BOLLARDS / PROTECTION ARE REQUIRED IN FRONT OF LPT, WHEN EDGE OF LPT IS LESS THAN 2.0m FROM GUTTER LINE.
- THE CONTRACTOR SHALL ENSURE THAT UTILITIES DRAIN AS PER UTILITY SPECIFICATIONS.
- WATER MAINS MUST HAVE MINIMUM 300mm PERPENDICULAR SEPARATION TO ALL UTILITIES.

**GAS NOTES**

- THE CONTRACTOR SHALL SUPPLY & INSTALL 1000 GAS SLEEVES FOR ALL ROAD CROSSINGS UNDER PAVEMENT & SIDEWALK.
- MINIMUM DEPTH OF COVER REQUIRED OVER CONDUIT IS 0.75m.
- ENDS OF GAS SLEEVES ARE TO BE CAPPED & LOCATIONS RECORDED, PRIOR TO BURY.

**BC HYDRO NOTES**

- BC HYDRO REQUIRES THAT ALL JUNCTION BOXES (VAULTS) BE DRAINED TO THE STORM SYSTEM WITH A 100mm DRAIN BELOW THE HYDRO DUCTS.
- HYDRO SERVICE BOXES SHALL BE PROVIDED WITH DRAINS AS SHOWN ON THIS PLAN AND CONNECTED DIRECTLY TO A STORM MAIN.
- IF IT IS DETERMINED BY THE BC HYDRO INSPECTOR IN THE FIELD THAT THE WATER TABLE IS HIGH OR IS OTHERWISE ENTERING THE HYDRO SYSTEM, BC HYDRO WILL REQUIRE ADDITIONAL DRAINS TO BE TIED TO THE STORM SYSTEM. THIS WILL BE DETERMINED BY BC HYDRO INSPECTORS IN THE FIELD.

BC HYDRO - IFC DRAWINGS PROVIDED BY: BRUCE SARVIS (BC HYDRO) 2018-01-11 DWG. No. 504-U07-01071

SHAW CABLE - DESIGN DRAWING PROVIDED BY: SHERI CLEARWATER (SHAW) 2018-01-12 RPN: 748626

TELUS - DESIGN DRAWING PROVIDED BY: JOHN HARVEY (TELECON) 2018-01-11 DWG. No. 2654228C-R1

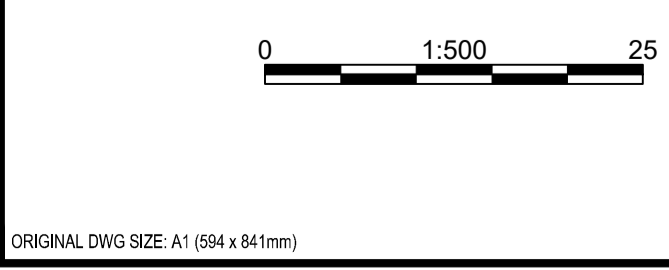
FORTIS BC - DESIGN DRAWING PROVIDED BY: JERID LETCHFORD (FORTIS BC) 2018-01-26 DWG. No. MCOA110263876 R-2

EXISTING	DESCRIPTION	PROPOSED
	SANITARY SEWER	
	SANITARY MANHOLE	
	STORM SEWER	
	STORM MANHOLE	
	CATCH BASIN	
	WATER MAIN	
	WATER VALVE	
	HYDRANT ASSEMBLY	
	SAN. STM. WAT. SERVICE POINT	
	TRANSFORMER (LPT)	
	HYDRO DUCT	
	CABLE DUCT	
	TELUS DUCT	
	GAS DUCT	
	STREET LIGHT DUCT	
	STREET LIGHT	

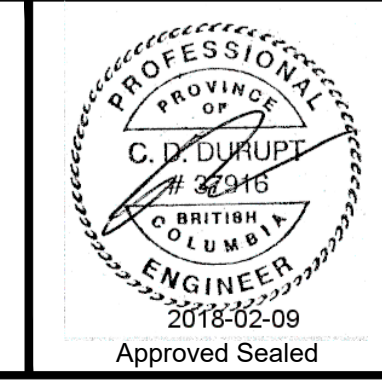


Rev	Date	Description	Drawn	Design	App'd
0	2018-01-26	ISSUED FOR CONSTRUCTION	AC	AC	CD

THIS DRAWING AND DESIGN IS THE PROPERTY OF McElhanney Consulting Services Ltd. (McElhanney) AND SHALL NOT BE USED, REPRODUCED OR REPROPOSED WITHOUT THE CONSENT OF McElhanney. McElhanney WILL NOT BE HELD RESPONSIBLE FOR THE IMPROPER OR UNAUTHORIZED USE OF THIS DRAWING AND DESIGN. THIS DRAWING AND DESIGN HAS BEEN PREPARED FOR THE CLIENT IDENTIFIED, TO MEET THE STANDARDS AND REQUIREMENTS OF THE APPLICABLE PUBLIC AGENCIES AT THE TIME OF PREPARATION. McElhanney, ITS EMPLOYEES, SUBCONSULTANTS AND AGENTS WILL NOT BE LIABLE FOR ANY LOSSES OR OTHER CONSEQUENCES RESULTING FROM THE USE OR RELIANCE UPON, OR ANY CHANGES MADE TO, THIS DRAWING, BY ANY THIRD PARTY, INCLUDING CONTRACTORS, SUPPLIERS, CONSULTANTS AND STAKEHOLDERS, OR THEIR EMPLOYEES OR AGENTS, WITHOUT McElhanney's PRIOR WRITTEN CONSENT. INFORMATION ON EXISTING UNDERGROUND FACILITIES MAY NOT BE COMPLETE OR ACCURATE. McElhanney, ITS EMPLOYEES AND DIRECTORS ARE NOT RESPONSIBLE NOR LIABLE FOR THE LOCATION OF ANY UNDERGROUND CONDUITS, PIPES, CABLES OR OTHER FACILITIES WHETHER SHOWN OR OMITTED FROM THIS PLAN. PRIOR TO CONSTRUCTION CONTRACTOR SHALL EXPOSE LOCATIONS OF ALL EXISTING FACILITIES BY HAND DIGGING OR HYDROVAC AND ADVISE THE ENGINEER OF POTENTIAL CONFLICTS.



495 Sixth Street  
Courtenay BC  
Canada V9N 6V4  
Tel 250 338 5495



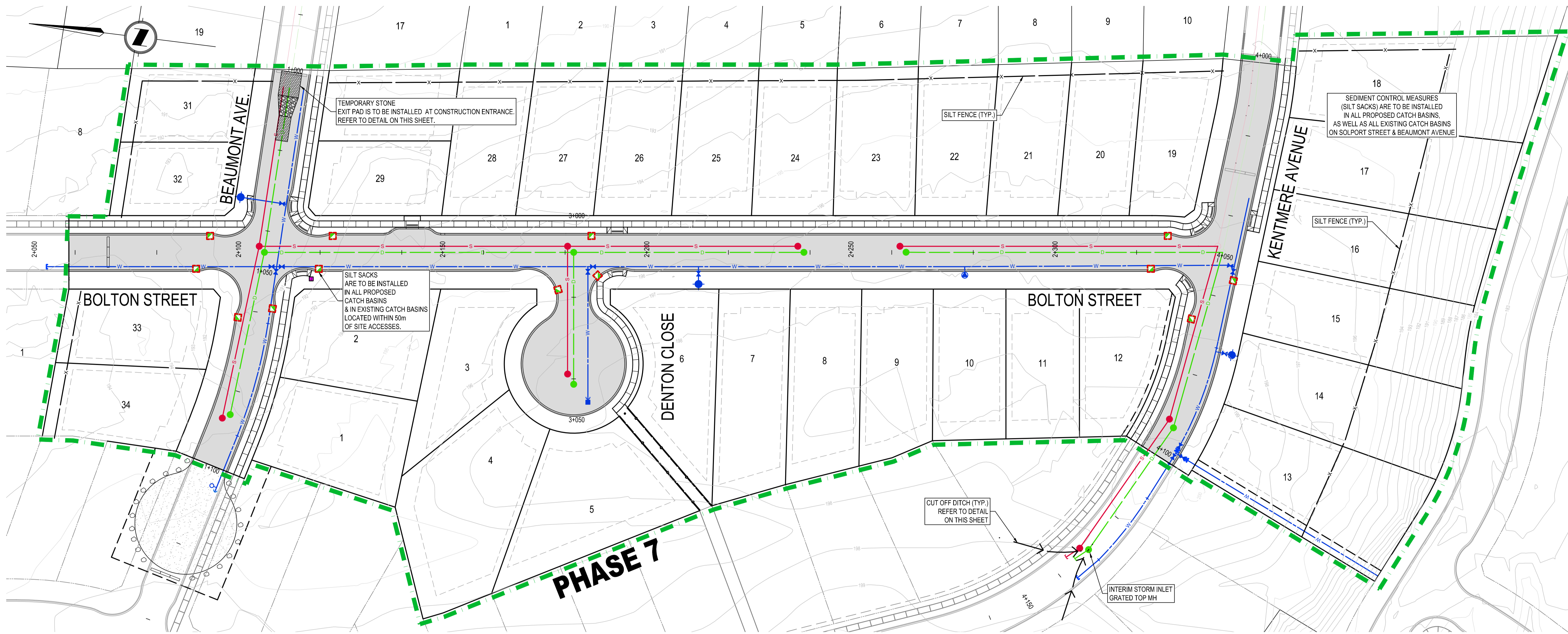
COAL VALLEY ESTATES JOINT VENTURE INC.  
CUMBERLAND, BC

**COAL VALLEY PHASE 7  
3rd PARTY UTILITY  
COORDINATION PLAN**

REM. D.L. 24, NELSON DISTRICT, PLAN EPP53358  
CUMBERLAND, BC

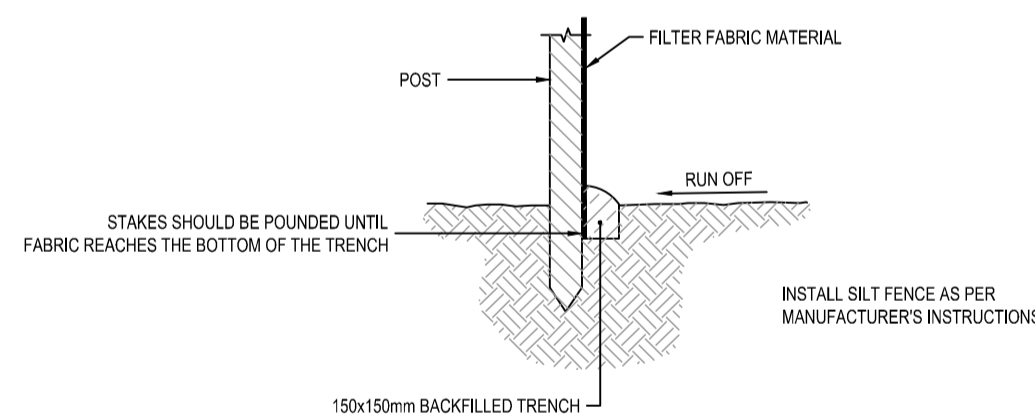
Drawing No. **600**

Project Number 2211 46871-10  
Rev. 0

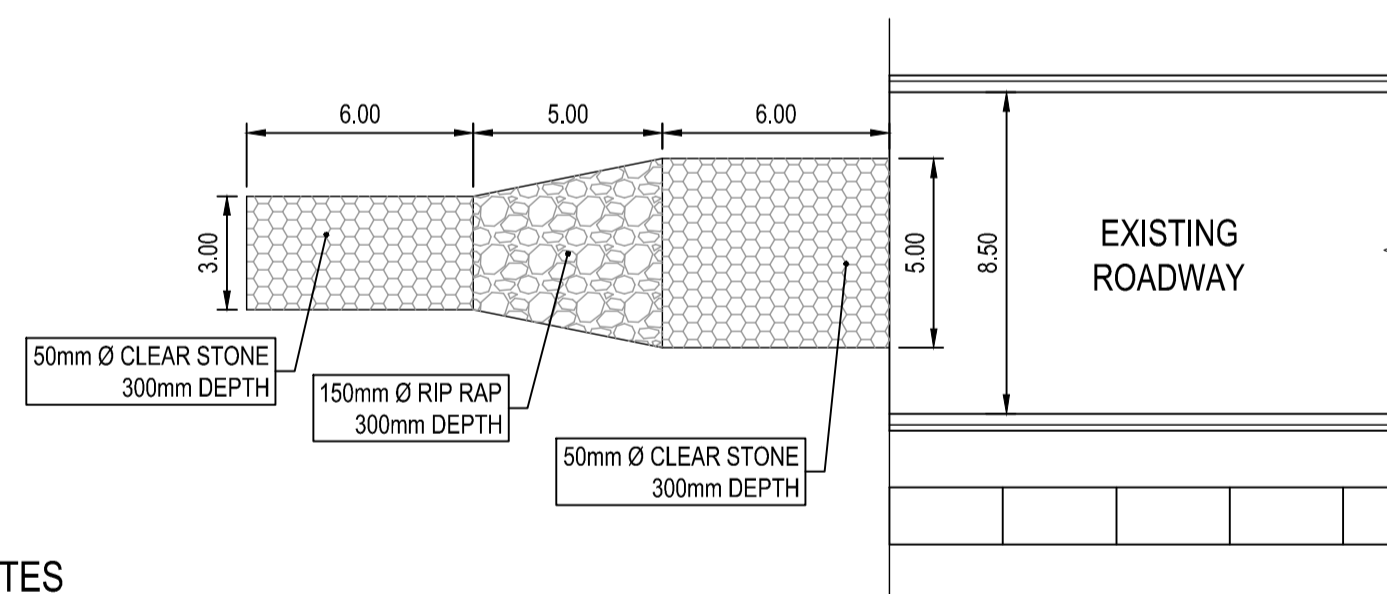


**NOTES**

1. THE EROSION & SEDIMENT CONTROL MEASURES WILL BE IMPLEMENTED BY COAL VALLEY ESTATES IN ACCORDANCE WITH THE METHODS DEFINED IN THE PROVINCIAL PUBLICATION "DEVELOP WITH CARE (2014) - ENVIRONMENTAL GUIDELINES FOR URBAN AND RURAL LAND DEVELOPMENT IN BRITISH COLUMBIA" (MINISTRY OF ENVIRONMENT & MINISTRY OF FORESTS, LANDS AND NATURAL RESOURCE OPERATIONS), APPENDIX B AND ALL AMENDMENTS.
2. THE WORKS ARE TO BE UNDERTAKEN IN A MANNER WHICH MITIGATES CONVEYANCE & DISCHARGE OF FINE SILT & CLAY PARTICLES INTO THE RECEIVING ENVIRONMENT. THE MEASURES OUTLINED ON THIS PLAN ARE SUGGESTIONS ONLY, & THE CONTRACTOR SHALL REMAIN SOLELY RESPONSIBLE FOR EROSION & SEDIMENT CONTROL BOTH ON AND OFFSITE.
3. DURING CONSTRUCTION, A CONTAINMENT SYSTEM CONSISTING OF PERIMETER SWALES, DITCHES & TEMPORARY SEDIMENT CONTROL PONDS IS TO BE INSTALLED.
4. STRIPPING OF EXISTING ORGANIC OVERBURDEN (IF NECESSARY) SHALL BE UNDERTAKEN DURING PERIODS OF DRY WEATHER ONLY.
5. CONSTRUCTION ACTIVITY IS TO BE CURTAILED OR POSTPONED COMPLETELY DURING PERIODS OF WETTER WEATHER.
6. IN THE EVENT OF UNEXPECTED HEAVY PRECIPITATION, THE CONTRACTOR SHALL CEASE ALL WORKS ON THE SITE.
7. INTERNAL SITE HAUL ROADS SHALL BE MAINTAINED SO AS TO PREVENT THE TRACKING OF MUD AND DEBRIS, BOTH ON AND OFFSITE. NO ACCUMULATIONS OF SEDIMENT OR MUD SHALL BE ALLOWED ON THE MUNICIPALITY'S ROADS. THIS REQUIREMENT WILL BE STRICTLY ENFORCED.
8. ROAD SUB-BASE & BASE COURSE (CAPPING) SHALL BE PLACED IMMEDIATELY UPON ACHIEVING THE DESIGN SUBGRADE.
9. BROADCAST SEED MIX AS PRESCRIBED BY SEEDING SUPPLIER IS TO BE APPLIED TO ALL DISTURBED AREAS IMMEDIATELY AFTER FINAL SITE GRADING.
10. SILT FENCES, SILT SACKS, CHECK DAMS, ETC. ARE TO REMAIN IN PLACE, FUNCTIONING & MAINTAINED BY COAL VALLEY ESTATES UNTIL THE MINOR STORM DRAINAGE SYSTEM IS OPERATIONAL.
11. COAL VALLEY ESTATES IS RESPONSIBLE FOR MAINTAINING EROSION & SEDIMENT CONTROLS UNTIL FINAL ACCEPTANCE OF THE SUBDIVISION.
12. THIS PLAN IS A SUGGESTED CONCEPT ONLY. THE CONTRACTOR & ENVIRONMENTAL CONSULTANT ARE RESPONSIBLE FOR PREPARATION OF PLANS, SPECIFICATIONS, CONSTRUCTION PROCEDURES & DOCUMENTS WHICH DEFINE A PROGRAM TO ENSURE SEDIMENT LADEN WATERS ARE PREVENTED FROM ENTERING ANY ENVIRONMENTALLY SENSITIVE AREA, DITCH, WATERCOURSE OR STORM SEWER.
13. "ENVIRONMENTAL CONSULTANT" MEANS A CONSULTANT RETAINED BY THE CONTRACTOR WITH EXPERIENCE IN EROSION, SILT & SEDIMENT CONTROL, WHO IS CAPABLE OF DESIGNING & MONITORING CONTROL SYSTEMS AND STRUCTURES WHICH WILL PREVENT EROSION AND WHICH WILL REMOVE SEDIMENT FROM WATER BEFORE DISCHARGE FROM THE SITE TO THE SURROUNDING ENVIRONMENT.
14. "SILT SACKS" ARE REQUIRED IN ALL CATCH BASINS WITHIN PROPOSED DEVELOPMENT AS WELL AS THOSE IMMEDIATELY DOWNSTREAM OF DEVELOPMENT AS INDICATED ON THIS DRAWING. SACKS ARE TO BE MAINTAINED (CHECKED, CLEANED, ETC.) BY THE CONTRACTOR AT A REGULAR INTERVAL (MINIMUM OF ONCE PER WEEK) UNTIL FINAL ACCEPTANCE OF THE SUBDIVISION.
15. ROADS WITHIN & ADJACENT TO DEVELOPMENT ARE TO BE CLEANED BY THE CONTRACTOR A MINIMUM OF ONCE PER WEEK UNTIL FINAL ACCEPTANCE OF THE SUBDIVISION (AS PER VILLAGE OF CUMBERLAND BYLAW No. 948).
16. SILT FENCES & SILT SACKS ARE TO BE MAINTAINED (CHECKED, CLEANED, REPLACED, ETC.) BY COAL VALLEY ESTATES AT A REGULAR INTERVAL (MINIMUM OF ONCE PER WEEK) UNTIL FINAL ACCEPTANCE OF THE SUBDIVISION.



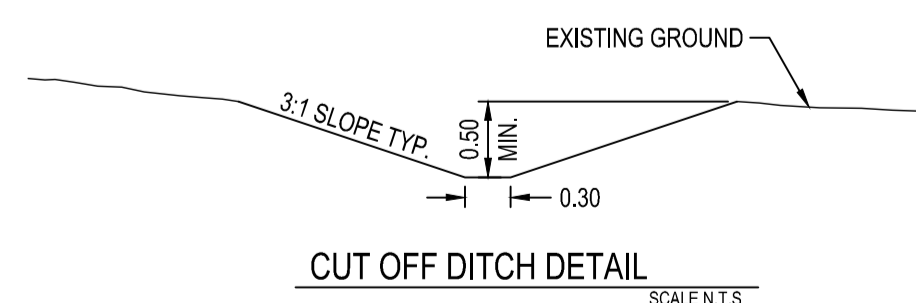
**SILT FENCE DETAIL**  
SCALE 1:100



**TEMPORARY STONE EXIT PAD DETAIL**  
SCALE 1:5

**NOTES**

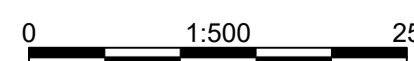
1. GRANULAR MATERIAL IS TO BE CLEAN, APPROVED MATERIAL & PLACED AT NOTED DIMENSIONS PRIOR TO LAND DISTURBANCE.
2. NON-WOVEN GEOTEXTILE (NILEX 4553 OR APPROVED EQUIVALENT) IS TO BE PLACED OVER THE ENTIRE AREA PRIOR TO GRANULAR MATERIAL PLACEMENT.
3. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL REDUCE TRACKING OR FLOWING SEDIMENT ONTO THE ROAD SURFACE AND GRANULAR MATERIAL IS TO BE REPLACED AS WARRANTED OR AS DIRECTED BY THE ENVIRONMENTAL MONITOR.
4. THE CONTRACTOR MAY PREPARE SUBGRADE AND INSTALL NECESSARY SERVICES PRIOR TO INSTALLING STONE PAD.



**CUT OFF DITCH DETAIL**  
SCALE 1:5

THIS DRAWING AND DESIGN IS THE PROPERTY OF McElhanney Consulting Services Ltd. (McElhanney) AND SHALL NOT BE USED, REUSED OR REPRODUCED WITHOUT THE CONSENT OF McElhanney. McElhanney WILL NOT BE HELD RESPONSIBLE FOR THE IMPROPER OR UNAUTHORIZED USE OF THIS DRAWING AND DESIGN. THIS DRAWING AND DESIGN HAS BEEN PREPARED FOR THE CLIENT IDENTIFIED, TO MEET THE STANDARDS AND REQUIREMENTS OF THE APPLICABLE PUBLIC AGENCIES AT THE TIME OF PREPARATION. McElhanney, ITS EMPLOYEES, SUBCONSULTANTS AND AGENTS WILL NOT BE LIABLE FOR ANY LOSSES OR OTHER CONSEQUENCES RESULTING FROM THE USE OR RELIANCE UPON, OR ANY CHANGES MADE TO, THIS DRAWING, BY ANY THIRD PARTY, INCLUDING CONTRACTORS, SUPPLIERS, CONSULTANTS AND STAKEHOLDERS, OR THEIR EMPLOYEES OR AGENTS, WITHOUT McElhanney's PRIOR WRITTEN CONSENT. INFORMATION ON EXISTING UNDERGROUND FACILITIES MAY NOT BE COMPLETE OR ACCURATE. McElhanney, ITS EMPLOYEES AND DIRECTORS ARE NOT RESPONSIBLE NOR LIABLE FOR THE LOCATION OF ANY UNDERGROUND CONDUITS, PIPES, CABLES OR OTHER FACILITIES WHETHER SHOWN OR OMITTED FROM THIS PLAN. PRIOR TO CONSTRUCTION CONTRACTOR SHALL EXPOSE LOCATIONS OF ALL EXISTING FACILITIES BY HAND DIGGING OR HYDROVAC AND ADVISE THE ENGINEER OF POTENTIAL CONFLICTS.

ORIGINAL DWG SIZE: A1 (594 x 841mm)



**McElhanney**  
McElhanney Consulting Services Ltd.

495 Sixth Street  
Courtenay BC  
Canada V9N 6V4  
Tel 250 338 5495



COAL VALLEY ESTATES JOINT VENTURE INC.

CUMBERLAND, BC

**COAL VALLEY PHASE 7  
SUGGESTED EROSION  
& SEDIMENT CONTROL PLAN**

REM. D.L. 24, NELSON DISTRICT, PLAN EPP53358  
CUMBERLAND, BC

Drawing No.

**700**

Project Number  
2211 46871-10

Rev.  
0

