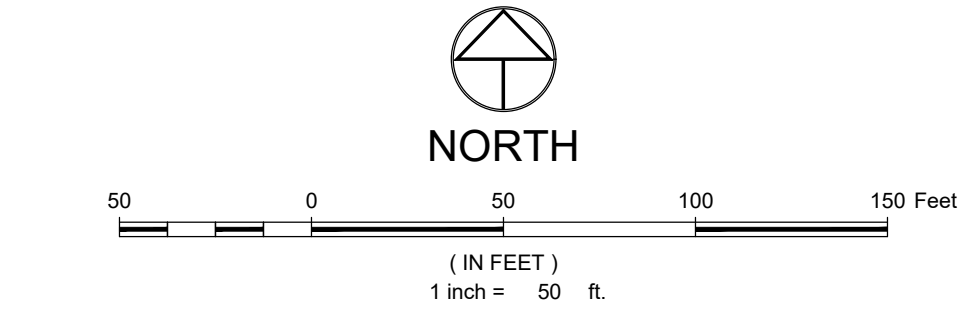
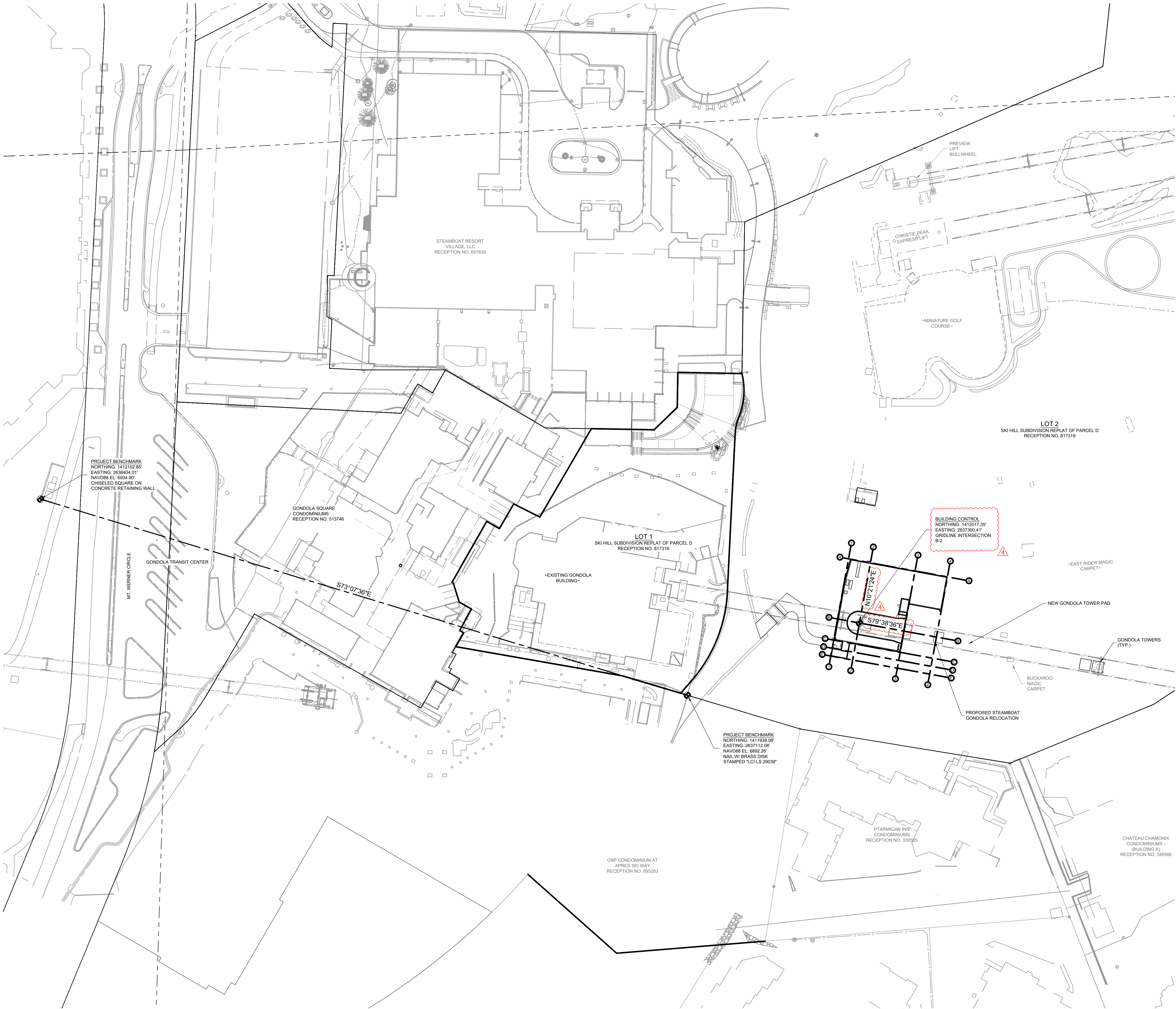
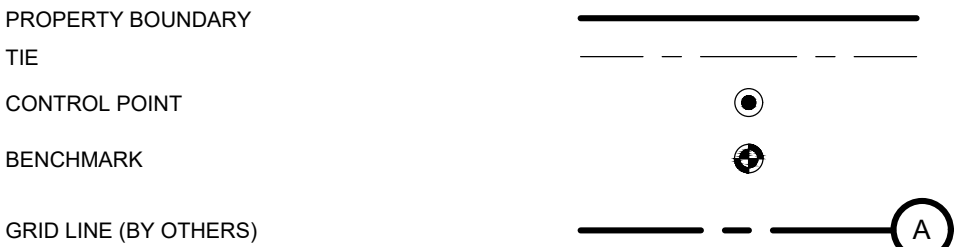


DRAWING FILENAME: P:\11013470\CD\Projects\Drawings\11013470\CD\Horizontal Control Plan.dwg LAYOUT NAME: C.090 DATE: JUN 08, 2017 2:52pm CADD OPERATOR: EBA
LIST OF REVISIONS: (add revision) (insert comment) (11013470.dwg) (11013470.dwg) (11013470.dwg) (11013470.dwg) (11013470.dwg) (11013470.dwg) (11013470.dwg) (11013470.dwg) (11013470.dwg) (11013470.dwg)



LEGEND:



NOTES:

- ALL REFERENCES HEREON TO BOOKS, PAGES, FILES, RECEPTION NUMBERS AND FILE NUMBERS ARE TO PUBLIC DOCUMENTS FILED IN THE RECORDS OF ROUTT COUNTY, COLORADO.
- COORDINATES AND BEARINGS SHOWN HEREON ARE COLORADO COORDINATE SYSTEM, NORTH ZONE 0501, US SURVEY FEET, NAD83(2011)
- BASIS OF BEARINGS: A GRID BEARING OF 73°07'36" BETWEEN THE PROJECT BENCHMARKS AS MONUMENTED AND SHOWN HEREON.
- THE POSITION AND ALIGNMENT OF THE GRIDLINES SHOWN HEREON **MUST** BE COORDINATED WITH THE LIFT MANUFACTURER IN THE FIELD PRIOR TO CONSTRUCTION.

CALL UTILITY NOTIFICATION CENTER OF
COLORADO



Know what's below.
Call before you dig.

CALL 2 BUSINESS DAYS IN ADVANCE BEFORE YOU
DIG, GRADE, OR EXCAVATE FOR THE MARKING OF
UNDERGROUND MEMBER UTILITIES

CIVIL ENGINEERS | SURVEYORS
141 9th Street -- P.O. Box 774843
Steamboat, Colorado 80477
(970) 871-9393
www.LANDMARK-co.com



THIS DRAWING IS A
PROPERTY OF LANDMARK
CONSULTANTS, INC. AND IS
NOT TO BE REPRODUCED
OR TRANSMITTED IN ANY
FORM OR BY ANY MEANS
ELECTRONIC OR MECHANICAL
INCLUDING PHOTOCOPYING,
RECORDING, OR BY ANY
INFORMATION STORAGE
RETRIEVAL SYSTEM
WITHOUT THE WRITTEN
PERMISSION OF LANDMARK
CONSULTANTS, INC.

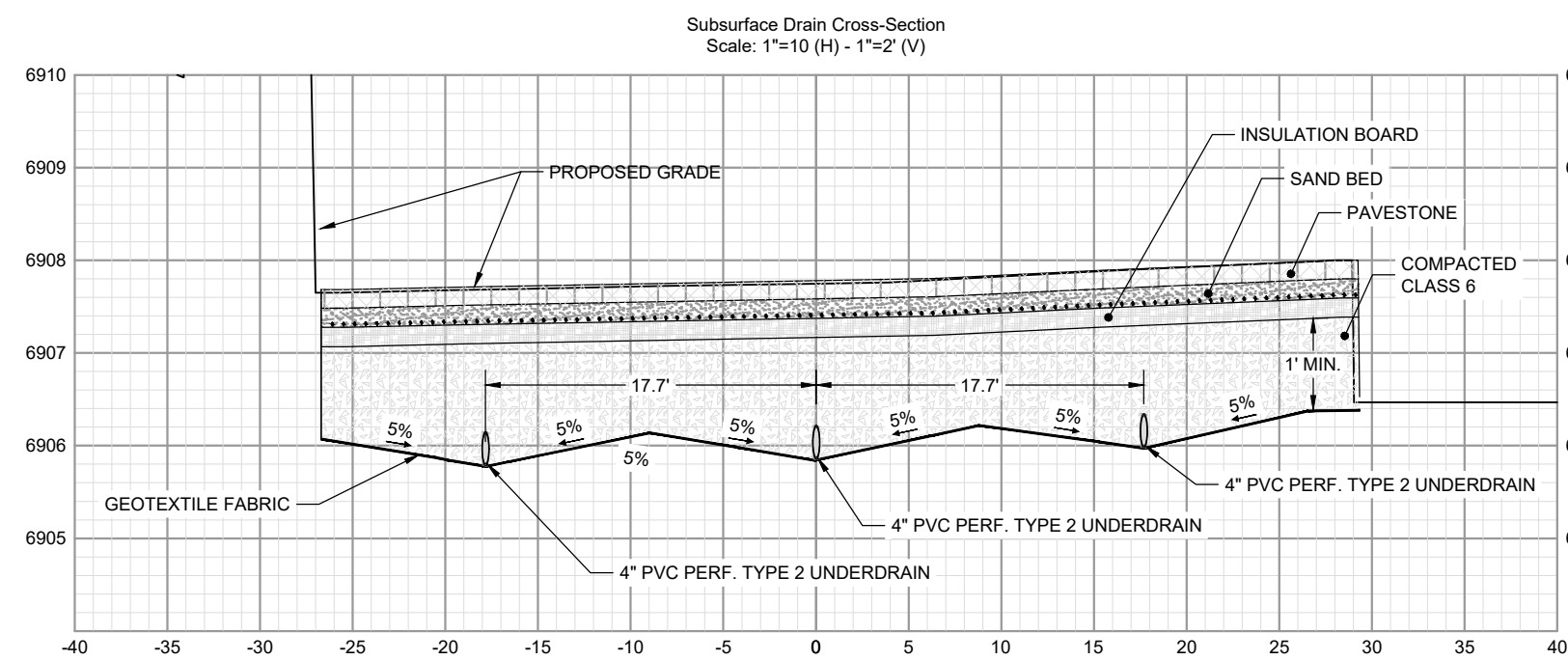
PROJECT:		BY:		DESCRIPTION:	
1012-047	2	3-26-21	Grp	Adendum #2	
	3	4-19-21	Grp	ASI #1	
	4	6-7-21	Grp	ASI #2	
DATE:		DATE:		DATE:	
3/30/21		3/30/21		3/30/21	
CONTACT:		CONTACT:		CONTACT:	
Erik Griepentrog		Erik Griepentrog		Erik Griepentrog	
EMAIL:		EMAIL:		EMAIL:	
erikg@landmark-co.com		erikg@landmark-co.com		erikg@landmark-co.com	

Steamboat Gondola Relocation
Horizontal Control Plan

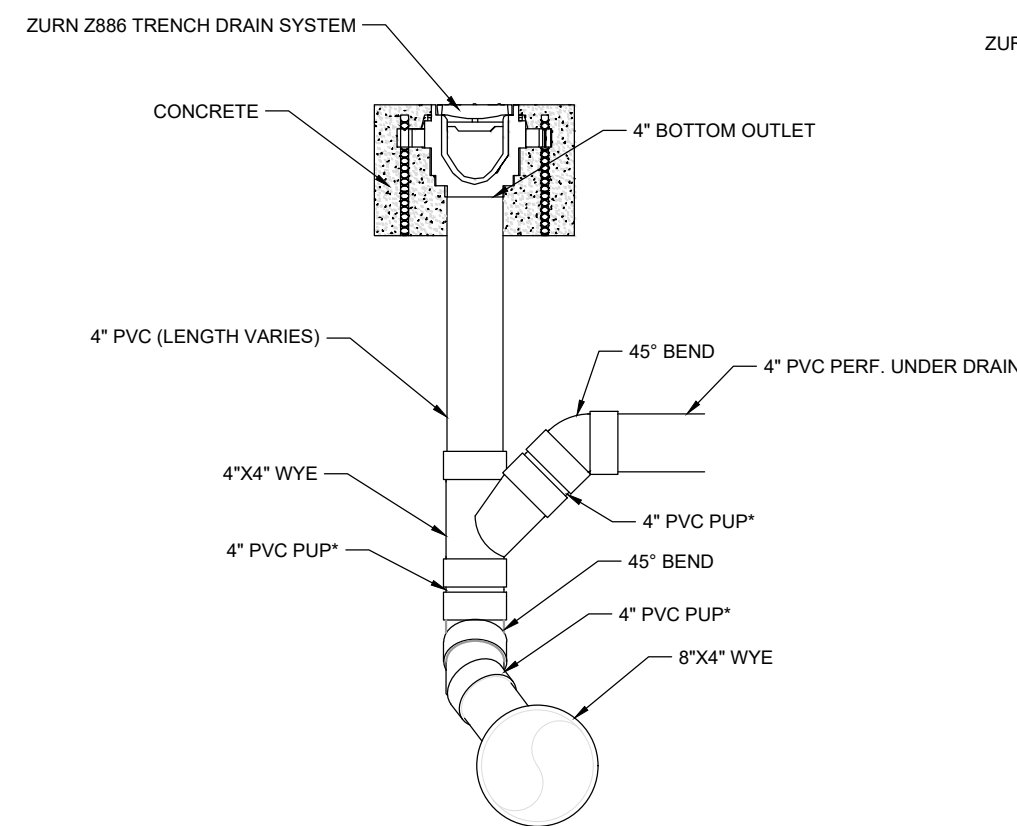
SHEET

C.090

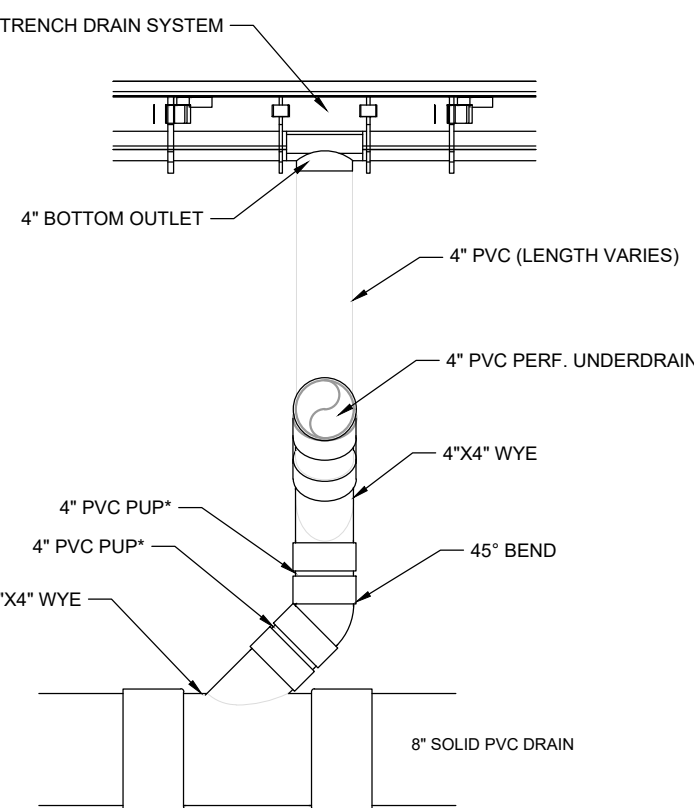
DRAWING FILENAME: P:\113134\DWG\Subsurface Drain\Steamboat Gondola\Subsurface Drain Plan.dwg LAYOUT NAME: C.210 DATE: Jan 16, 2017 1:52pm CAD OPERATOR: EJA
LIST OF REVISIONS: 113134-Subsurface Drain\Subsurface Drain.dwg 113134-Subsurface Drain



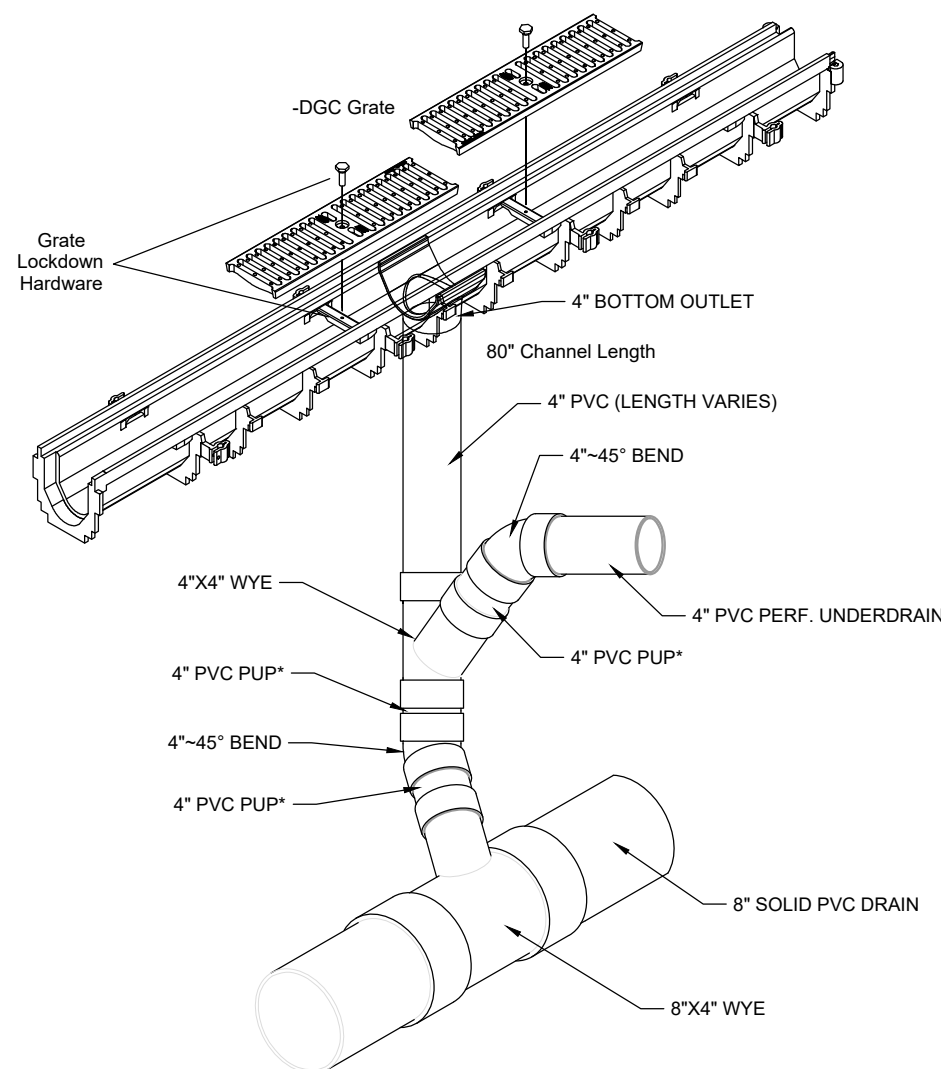
* - VARY PUP LENGTH AS NEEDED TO CONNECT
ALL PVC PIPE TO BE GASKETED SDR 35



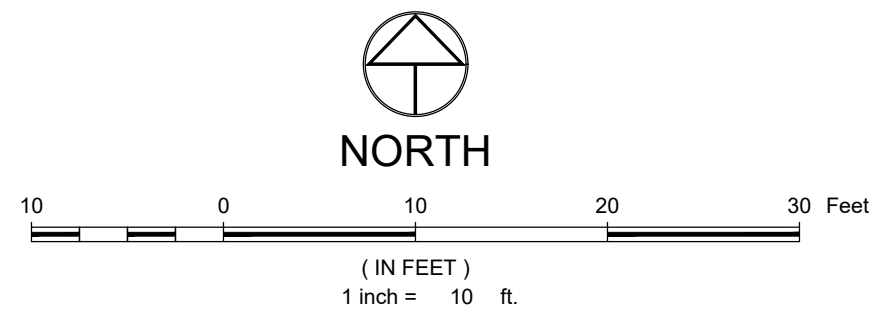
8" SOLID PVC DRAIN CONNECTION DETAIL
FRONT VIEW - N.T.S.



8" SOLID PVC DRAIN CONNECTION DETAIL
SIDE VIEW - N.T.S.



8" SOLID PVC DRAIN CONNECTION DETAIL
PERSPECTIVE VIEW - N.T.S.



LEGEND:

- PROPOSED 4" PVC PERFORATED UNDERDRAIN WITH CLEANOUT
- PROPOSED 8" SOLID PVC DRAIN PIPE
- PROPOSED TRENCH DRAIN

NOTES:

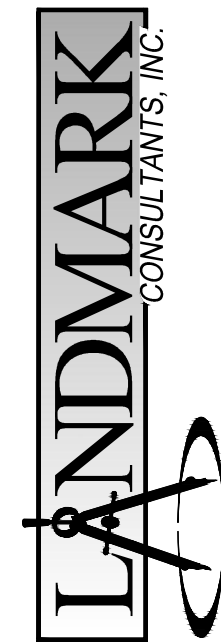
1. THE SIZE, TYPE AND LOCATION OF ALL KNOWN UNDERGROUND UTILITIES ARE APPROXIMATE WHEN SHOWN ON THESE DRAWINGS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE EXISTENCE OF ALL UNDERGROUND UTILITIES IN THE AREA OF THE WORK. BEFORE COMMENCING NEW CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES AND SHALL BE RESPONSIBLE FOR ALL UNKNOWN UNDERGROUND UTILITIES.
2. EXISTING UNDERGROUND AND OVERHEAD PUBLIC AND PRIVATE UTILITIES AS SHOWN ARE INDICATED ACCORDING TO THE BEST INFORMATION MADE AVAILABLE TO THE ENGINEER. THE ENGINEER DOES NOT GUARANTEE NOR IS RESPONSIBLE FOR THE ACCURACY OF SUCH INFORMATION. EXISTING UTILITY MAINS AND SERVICES MAY NOT BE STRAIGHT LINES OR AS INDICATED ON THESE DRAWINGS. CONTRACTOR TO VERIFY EXISTING HORIZONTAL AND VERTICAL LOCATIONS PRIOR TO CONSTRUCTION.
3. ALL MATERIALS USED FOR BACKFILL SHALL BE FREE FROM REFUSE ORGANIC MATERIAL, COBBLES, BOULDERS, LARGE ROCKS OR STONES OR FROZEN SOILS GREATER THAN 6-INCHES IN DIAMETER.
4. ALL TRENCHES SHALL BE COMPACTED TO 95% AS DETERMINED BY ASTM D698 (STANDARD PROCTOR) OR AS SPECIFIED BY GEOTECHNICAL ENGINEER.

Steamboat Gondola Relocation Subsurface Drain Plan

SHEET

C.210

CIVIL ENGINEERS | SURVEYORS
141 9th Street - P.O. Box 774943
Steamboat, Colorado 80477
(970) 871-9949
www.LANDMARK-co.com



These drawings are prepared by the firm of Landmark Consultants, Inc. and are not to be used for any other project without the written consent of Landmark Consultants, Inc. The engineer and/or surveyor shall be responsible for the accuracy of the information provided and shall be responsible for the consequences of any errors or omissions.

NO.	DATE	BY	Grip	Addendum #2	ASR #1	ASR #2
1	10/12/07					
2	3-28-21					
3	4-19-21					
4	6-17-21					

PROJECT:	1012-047
DATE:	3/20/21
CONTACT:	Erik Griepenting
EMAIL:	erikg@landmark-co.com

CALL UTILITY NOTIFICATION CENTER OF COLORADO

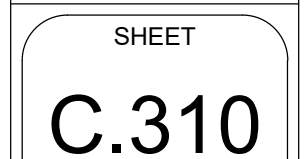
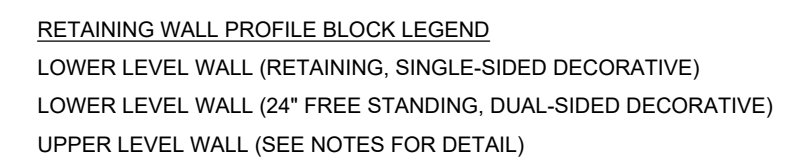
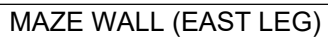
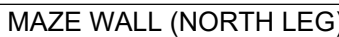


Know what's below.
Call before you dig.

CALL 2 BUSINESS DAYS IN ADVANCE BEFORE YOU DIG, GRADE, OR EXCAVATE FOR THE MARKING OF UNDERGROUND MEMBER UTILITIES



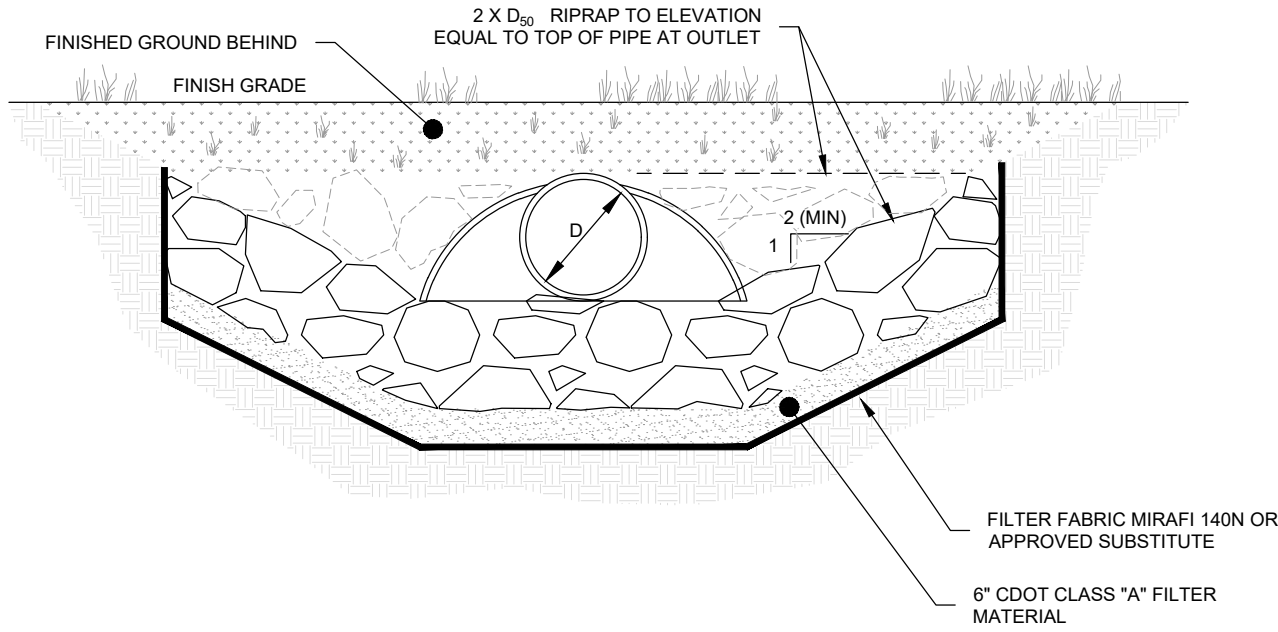
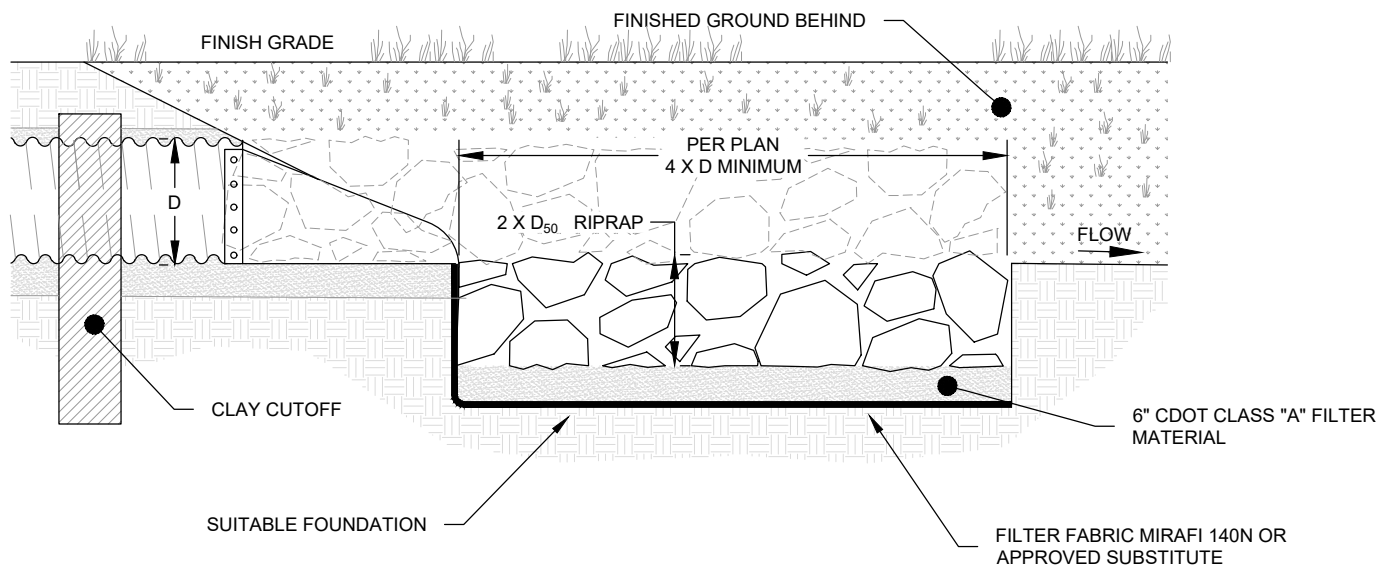
NOT VALID WITHOUT ORIGINAL SIGNATURE AND DATE



NOT VALID WITHOUT ORIGINAL
SIGNATURE AND DATE

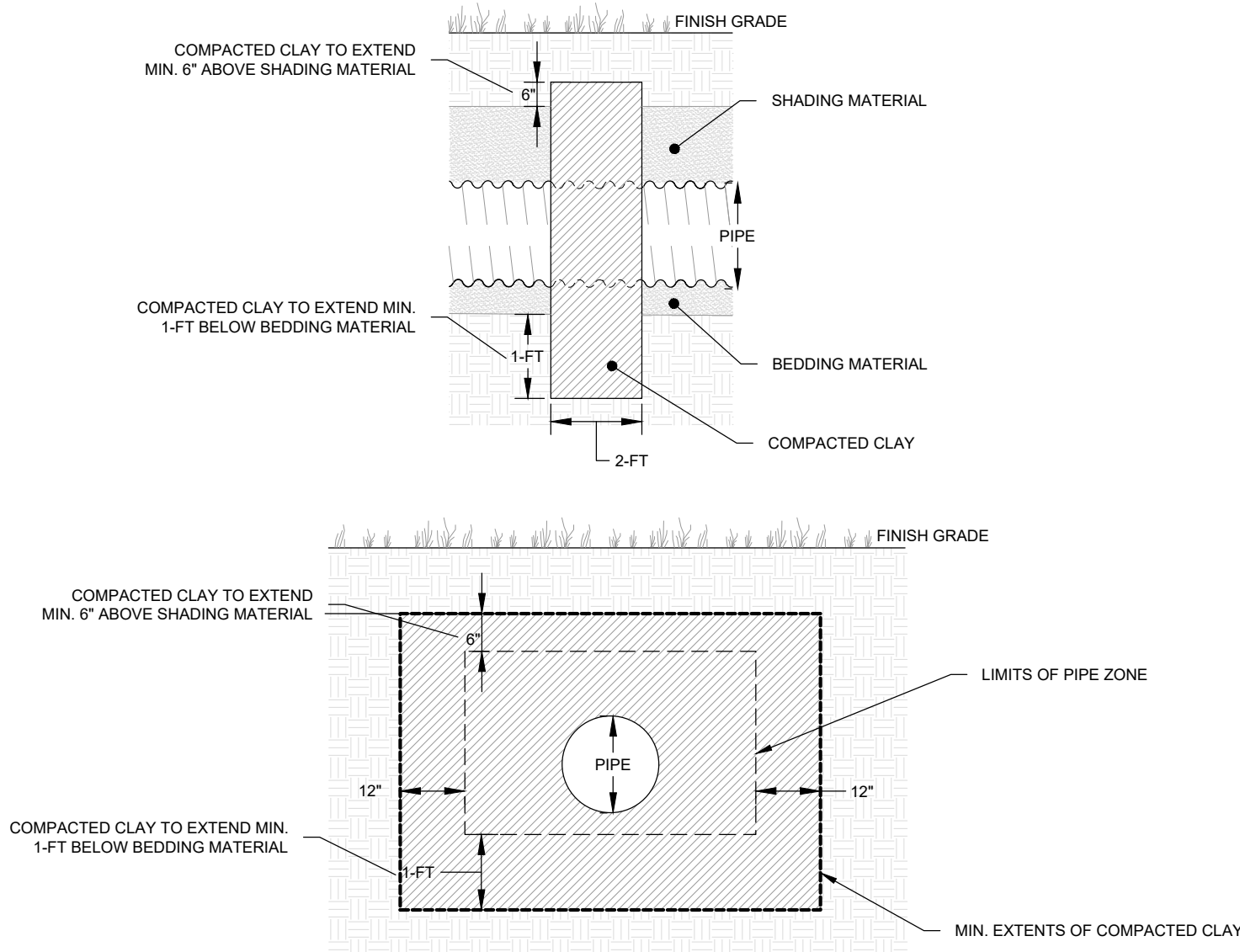
DRAWING FILENAME: P:\115154\DWG\DWG\Procedures\Drawings\2019\115154\2-C.500 Details.dwg LAYOUT NAME: C.500 DATE: Jan 08, 2021 2:24pm LAYOUT OPERATOR: EJA
LIST OF REVISIONS: (4/8/2020) (JLF) (M&E) (JLF)

NOTES:
1. UNLESS NOTED OTHERWISE, RIP RAP SHALL BE D₁₀ = 9-INCHES



RIP RAP OUTFALL

N.T.S.



CLAY CUTOFF WALL NOTES

1. CLAY CUTOFFS SHALL BE INSTALLED ON STORM SEWERS AND CULVERTS ±10-FEET UPSTREAM OF ALL INLETS AND JUNCTIONS AND IN NO CASE MORE THAN 200-FEET APART. CUTOFF SHALL ALSO BE CONSTRUCTED AT CONDUIT OUTLETS WHERE NO CONCRETE TOE WALL IS REQUIRED.
2. CLAY CUTOFFS SHALL BE INSTALLED ON WATER AND SEWER LINES PER THE REQUIREMENTS OF THE UTILITY OWNER.
3. INSTALL AT TRANSITIONS BETWEEN PERFORATED AND SOLID PIPES.
4. COMPACT IMPERVIOUS CLAY (COEFFICIENT OF PERMEABILITY < 5 X 10⁻¹⁰ CM/S) TO NO LESS THAN 95% DENSITY AND BETWEEN -1% AND +3% OF THE OPTIMUM MOISTURE CONTENT ACCORDING TO ASTM D698 STANDARD PROCTOR.
5. EXTEND THE BOTTOM OF THE CLAY CUTOFF NO LESS THAN 12-INCHES BEYOND THE EXCAVATION OF THE PIPE ZONE.

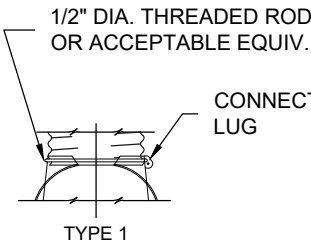
CLAY CUTOFF DETAIL

N.T.S.

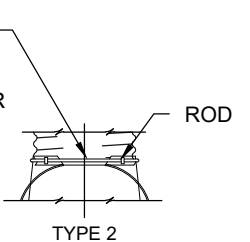
METAL END SECTION NOTES

1. DIMENSIONS OF END SECTIONS MAY VARY SLIGHTLY FROM THOSE SHOWN ON THE TABLES DUE TO DIFFERENT MANUFACTURER'S VARIATIONS.
2. END SECTIONS FOR CMP ARCH CULVERT SHALL MATCH THE DIMENSIONS OF THE CULVERT SHOWN ON THE PLANS.
3. GALVANIZED TOE PLATE, AS SHOWN, REQUIRED ON END SECTIONS FOR ALL THIN WALL PIPE AND SHALL BE THE SAME THICKNESS AS END SECTIONS. TOE PLATE SHALL BE FIELD-BOLTED TO END SECTION WITH 3/8\"/>

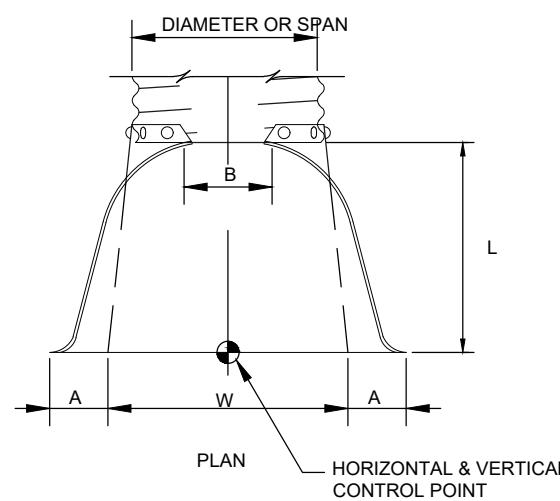
THIN-WALL ROUND PIPE									
PIPE DIA.	THICK.	DIMENSIONS							
		A	B	H	L	W	T		
12	0.064	6	6	6	21	24	34		
18	0.064	8	10	6	31	36	46		
21	0.064	9	12	6	36	42	52		
24	0.064	10	13	6	41	48	58		
30	0.079	12	16	6	51	60	70		
36	0.079	14	19	9	60	72	84		
42	0.109	16	22	11	69	84	106		
48	0.109	18	27	12	78	90	112		
54	0.109	18	30	12	84	102	124		
60	0.109	18	33	12	87	114	136		
66	0.109	18	36	12	87	120	142		
72	0.109	18	39	12	87	126	148		
78	0.109	18	42	12	87	132	154		
84	0.109	18	45	12	87	138	160		



FOR 18 IN. THRU 24 IN. ROUND PIPE WITH ANNULAR CORRUGATIONS. NOT TO BE USED ON HELICALLY FORMED PIPE UNLESS RECORRUGATED



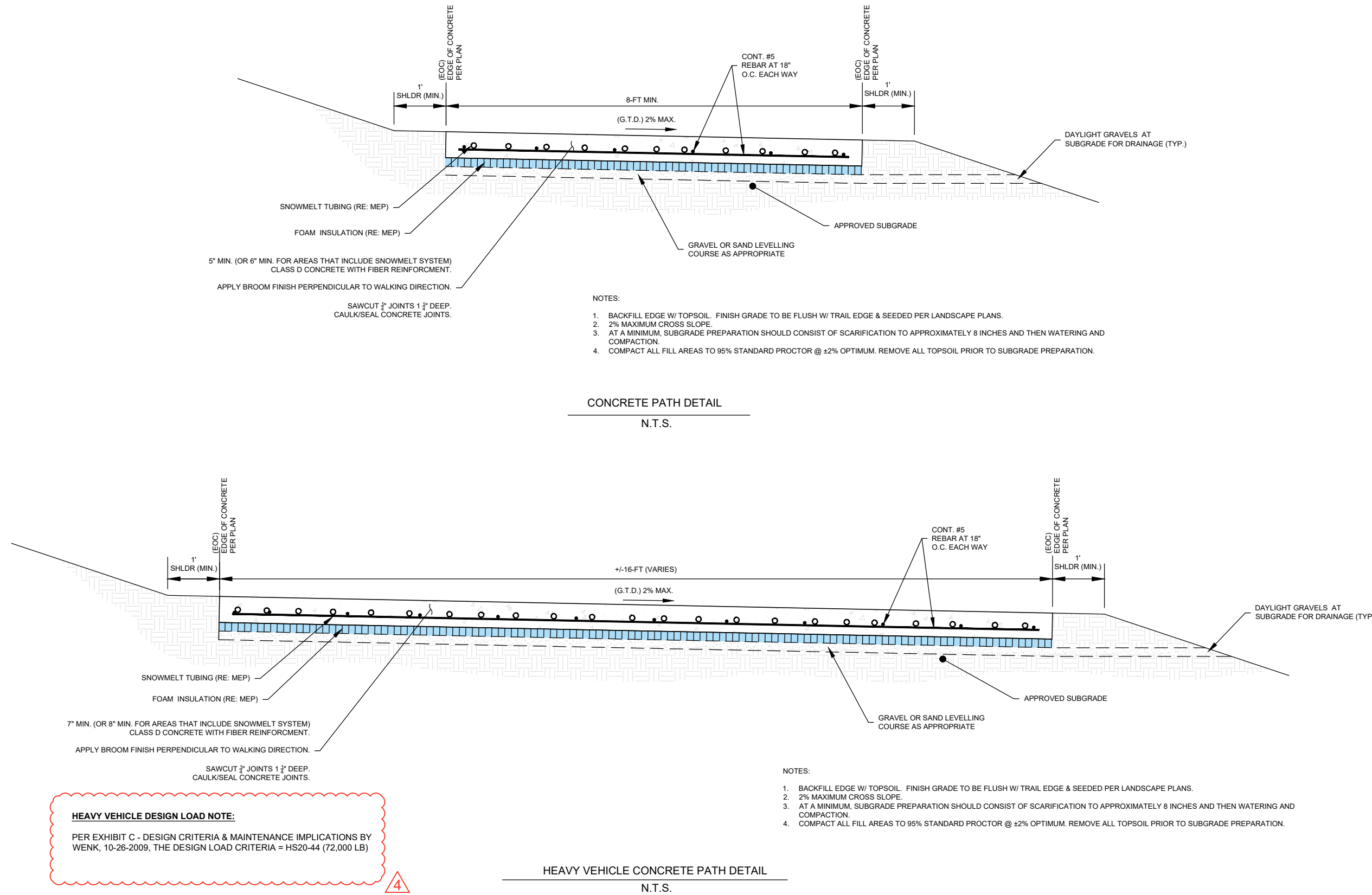
FOR 30 IN. THRU 36 IN. ROUND PIPE WITH ANNULAR CORRUGATIONS. NOT TO BE USED ON HELICALLY FORMED PIPE UNLESS RECORRUGATED.



END SECTION AND CONNECTION DETAILS FOR THIN WALL PIPE CULVERTS

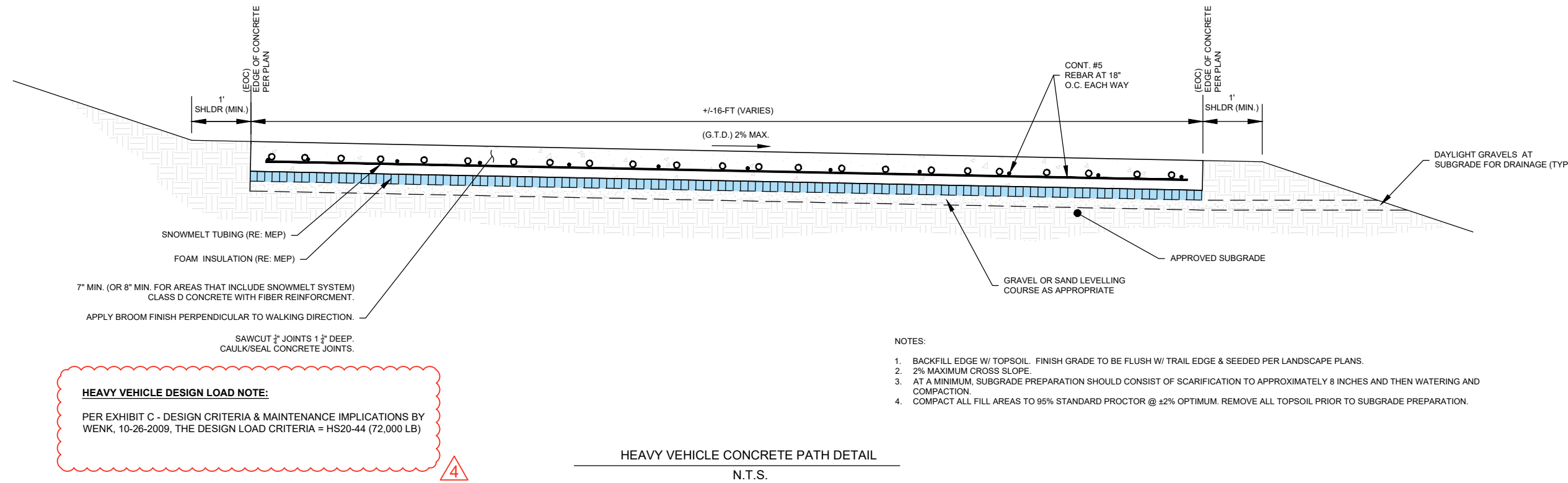
FLARED END SECTION

N.T.S.



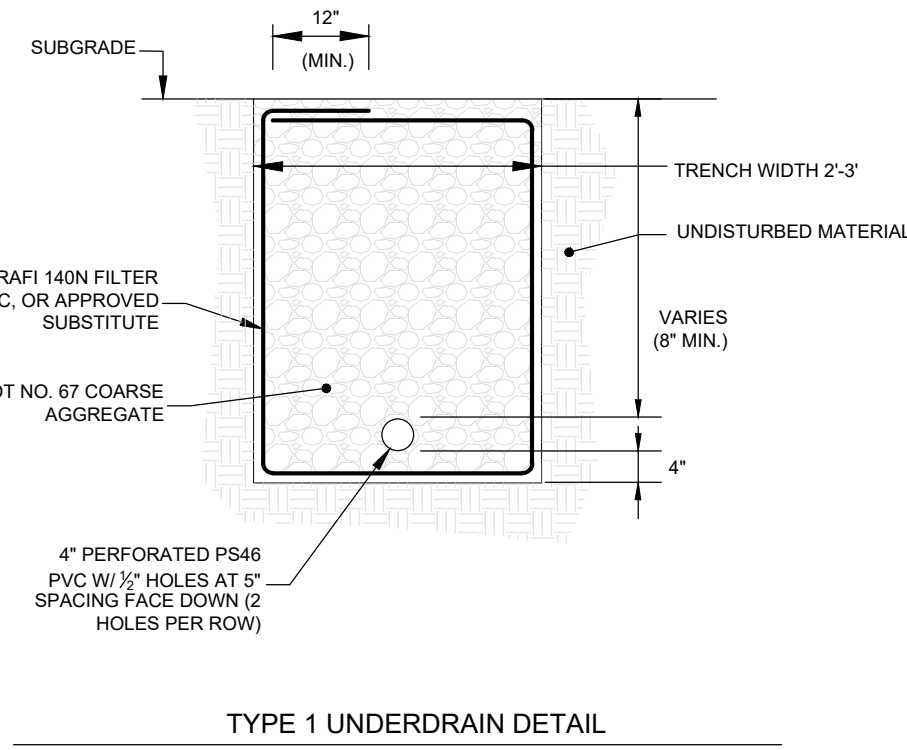
CONCRETE PATH DETAIL

N.T.S.



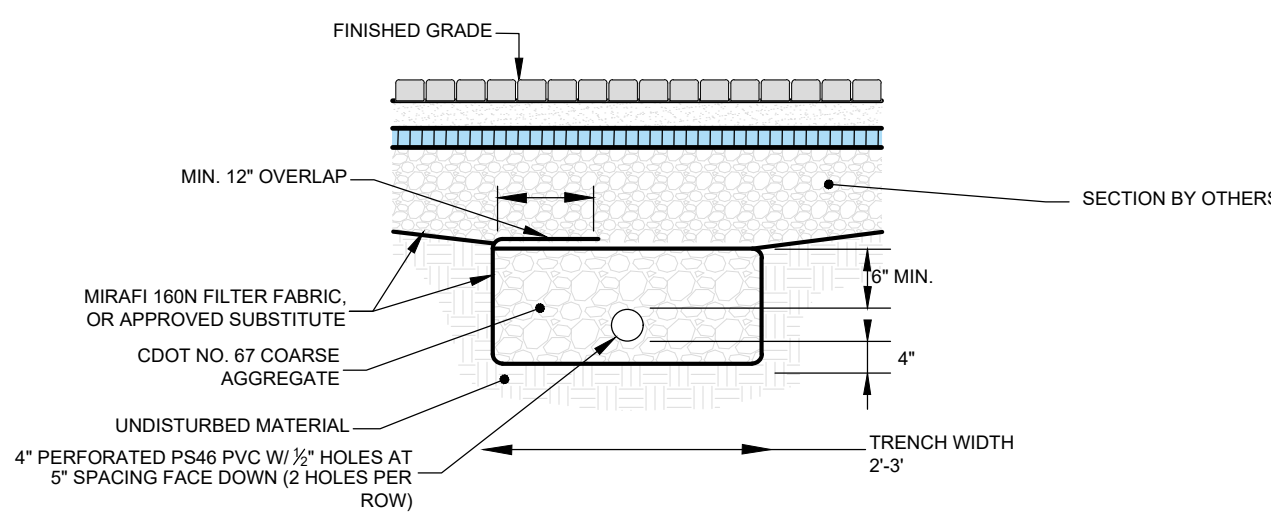
HEAVY VEHICLE CONCRETE PATH DETAIL

N.T.S.



TYPE 1 UNDERDRAIN DETAIL

N.T.S.



TYPE 2 - UNDERDRAIN DETAIL

N.T.S.

CALL UTILITY NOTIFICATION CENTER OF COLORADO



Know what's below.
Call before you dig.

CALL 2 BUSINESS DAYS IN ADVANCE BEFORE YOU DIG, GRADE, OR EXCAVATE FOR THE MARKING OF UNDERGROUND MEMBER UTILITIES



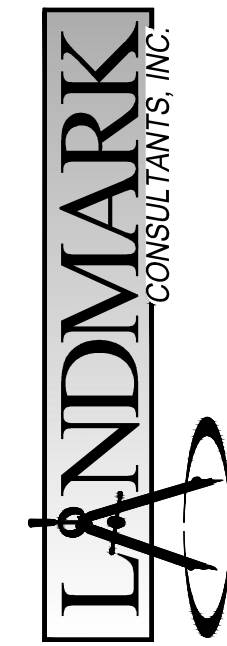
NOT VALID WITHOUT ORIGINAL SIGNATURE AND DATE

Steamboat Gondola Relocation
Details

SHEET

C.500

CIVIL ENGINEERS | SURVEYORS
141 9th Street -- P.O. Box 774943
Steamboat, Colorado 80477
(970) 877-9393
www.LANDMARK-co.com



THIS SET OF DRAWINGS IS FOR INFORMATION ONLY. It is not to be used for construction or other purposes without the written consent of LANDMARK CONSULTANTS, INC. and is not to be used for construction or other purposes without the written consent of LANDMARK CONSULTANTS, INC.

NO.	DATE:	BY:	DESCRIPTION:	
			Amendment #2	Amendment #1
2	3-28-21	Grip		
3	4-19-21	Grip		
4	6-7-21	Grip		

PROJECT:	1012-047
DATE:	3/30/21
CONTACT:	Erik Griepentag
EMAIL:	erikg@landmark-co.com