Improvement Survey Plat / Topographic Survey

Lot 1
Summit Stage Transit Center
Town of Frisco
Summit County, Colorado
Section 26, T5S, R78W, 6th P.M.
Page 1 of 2

Notes:
1) Bearings are based on a line between 2 Survey Control Points, N09°23'09"E. The bearing was calculated using State Plane Coordinates for each control point. The State Plan Coodinates were determined by Static GPS Observations. The Control Points are rebar with aluminum caps stamped "Survey Control".
2) Lineal Units: US Survey foot.
3) Lot Area: 6.209 Acres, 270456 Square feet
4) Underground utilities shown are based on locate flags and markings placed by others.
5) File coordinates are State Plane Coordinates scaled to ground. Coordinates obtained from 2 Static GPS observations. TBM as shown near the southwest property corner.
6) Elevation based on Static GPS measurement at location shown. NAVD88 computed using GEOID12B.
7) One foot contour interval.
8) Plats reviewed for survey work include the following: 133802, 178502, 207880, 544828, 596112, 178502, 315389, and 1046458.
9) Utilities physically attached to the west side of the commercial building (on the face of the building), said building located easterly from Meadow Drive, not located/not included in this survey.
10) 10' x 20' Fire Hydrant Easement, Rec. No. 315389 and Rec. No. 576960.
11) Centerline Rec. No. 210981, PSCO Easement (underground power line) as shown on Rec. No. 315389.
12) Copies of the following documents were not provided/could not determine if they impact the subject area: Book 283 Page 417, Book 250 Page 775, Book 276 Page 97, Rec. No. 210982.
13) The finished floor and ridge height of the main structure on the subject parcel is not complete at this time. A revision will be issued including this information.

This survey does not constitute a title or ownership search by Blue River Land Surveying. All ownership, easement and public record information was based on the following:

a) Owner's Title Commitment Order No. M20131636-7, issued by Land Title Guarantee of Summit County. This Commitment is for Lot 2A, A Resubdivision of Lot 2, Block A, Discovery Interchange West (Rec. No. 1046458). Property is subject to exceptions as described in the title policy as referenced.

b) Owner's Title Commitment Order No. M20150860, issued by Land Title Guarantee of Summit County. This Commitment is for Condominium Unit No. 24, Frisco Station Commercial Condominiums (Rec. No. 576960). Property is subject to exceptions as described in the title policy as referenced.

c) Owner's Title Commitment Order No. M20120313, issued by Land Title Guarantee of Summit County. This Commitment is for Lot 1, A Resubdivision of Lot 2, Block B, Discovery Interchange West (Rec. No. 207880). Property is subject to exceptions as described in the title policy as referenced.

d) Documents provided by the client: Rec. No. 1057436 "Transfer Center Agreement".

I, Renee B. Parent, being a Registered Land Surveyor in the State of Colorado, do hereby certify that this plat was prepared by me and under my supervision from a survey made by me and under my supervision and that both the plat and the survey are true and correct to the best of my knowledge and belief.

Notice: According to Colorado law you must commence any legal action based upon any defect in this survey within three years after you first discover such defect. In no event may any action based upon any defect in this survey be commenced more than ten years from the date of the certification shown hereon.

Legend
(F) Field Measurement
(P) Plat, Rec. No. 544828
(C) Calculated from record plat

HC Handicap Parking
CE Covered Entry
xP x" Pine
Aspen Groups
Boulder
Hydrant
Found number 5 rebar
Found rebar with yellow cap LS10847
Found rebar with red cap cap LS26626
Found rebar with aluminum cap LS18974
Set number 5 rebar with purple cap LS38266
Set number 5 rebar with aluminum cap, Survey Control
Flow Line
Flow Line in concrete pan
Asphalt
Concrete
Light Post
Water Valve
IR Irrigation Equipment
Bollards

Sign Legend
VP Visitor Parking; No Overnight Parking
TC Transit Center Summit Stage
S Stop
NP No Parking
HC Handicap Parking
15 15 Min Parking, Loading Zone
PC Pedestrian Crossing
SP Speed Limit
BP Bike Path
NLT No Left Turn
NRT No Right Turn
DNE Do Not Enter
BD Building Directory

Sanitary Sewer Manhole Data
MH1
Rim: 9065.96'
Invert In West: 9057.56'
Invert Out South: 9057.44'

MH2
Rim: 9.65.38'
Invert In North: 9056.68'
Invert In East: 9056.68'
Invert Out South: 9056.60'

MH3
Rim: 9064.26'
Invert In North: 9055.36'
Invert In West: 9055.46'
Invert Out South: 9055.26'

This Land Survey Plat was accepted for deposit on this ____________ day of ____________, 20___, and is filed under Land Survey Plat Reception no. ______________, in the office of the Summit County Clerk and Recorder.

Signed ______________________
Summit County Surveyor

Blue River Land Surveying
(970) 668-3730
PO Box 1800 Frisco, CO 80443
www.blueriverlandsurveying.com

Improvement Survey Plat / Topographic Survey
Lot 1
Summit Stage Transit Center
Town of Frisco
Summit County, Colorado
Page 1 of 2

Date: 11-10-2015	15273

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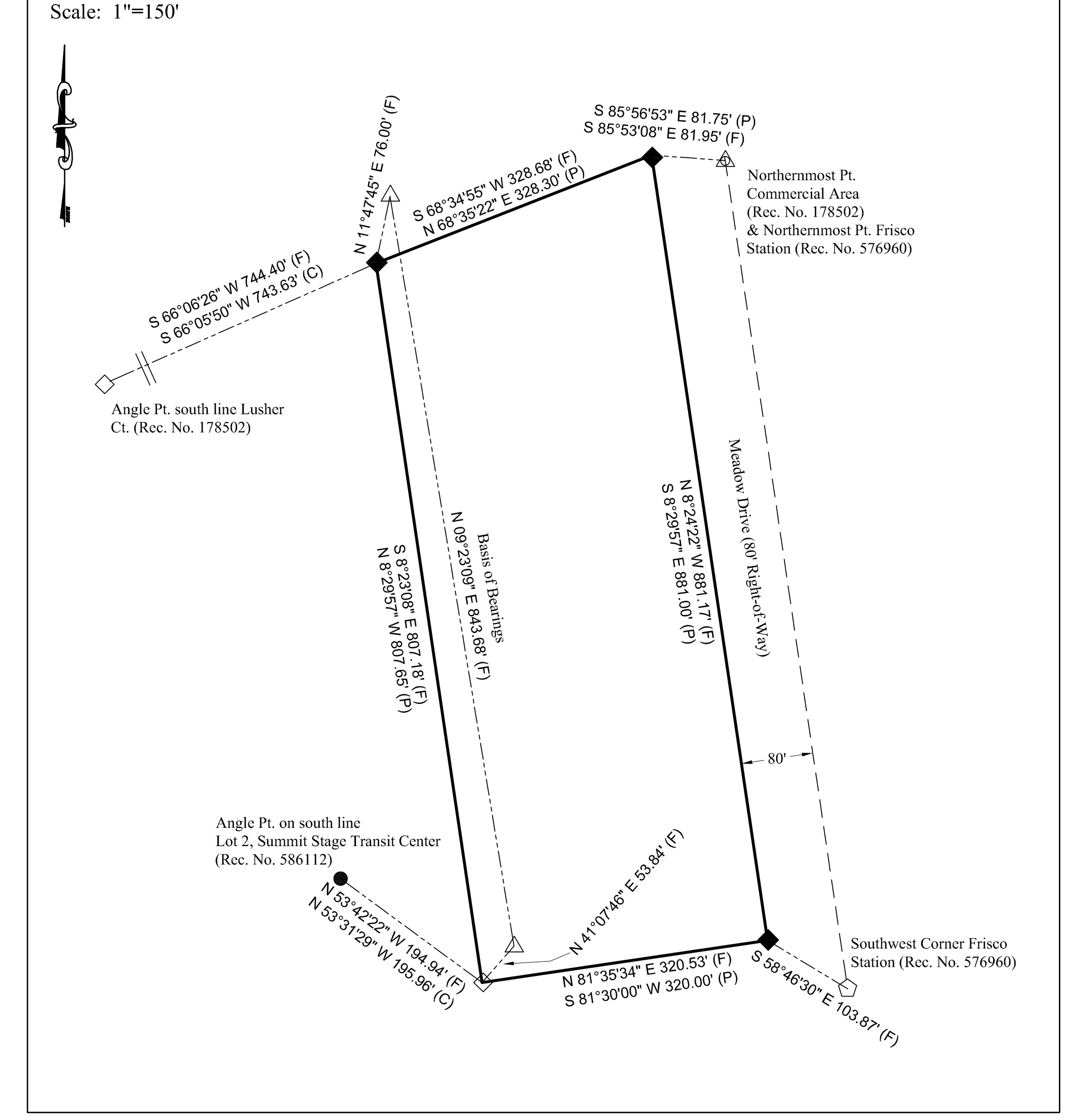
Town of Frisco
Summit County, Colorado
Section 26, T5S, R78W, 6th P.M.
Page 2 of 2



COLORADO LICENSE
38266
PROFESSIONAL LAND SURVEYOR

GRAPHIC SCALE

30 0 15 30 60 120

(IN FEET)
1 inch = 30 ft.

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Lot 1
Summit Stage Transit Center
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Summit County, Colorado
Page 2 of 2

Date: 11-10-2015 | 15273

PRELIMINARY - NOT FOR CONSTRUCTION

SCALE:	1"=30'

CIVIL INSIGHT

235 So. Ridge St - P.O. Box 7644
Breckenridge, CO 80424
(970) 771-2940 / (970) 376-4858
DON@CIVILINSIGHT.NET

SHEET REVISIONS

REVISION	DATE	COMMENTS	INITIALS
1	7/18/2018	PLANNING COMMENTS	DL
2	8/24/2018	PLANNING COMMENTS	DL

SUMMIT COUNTY
COLORADO

BOARD OF COUNTY COMMISSIONERS
OF SUMMIT COUNTY

PO BOX 68
BRECKENRIDGE, CO 80424
PHONE: 970-453-3403

AS CONSTRUCTED	
NO. OF REVISIONS:	#
REVISED:	#
VOID:	#

FRISCO TRANSIT CENTER

GRADING AND DRAINAGE PLAN

DRAWN BY:	D. LEINWEBER	DATE:	4/2/2018
CHECK BY:	D. LEINWEBER	ISSUE:	65% DESIGN
SHEET SUBSET:	#	SUBSET SHEETS:	# OF #

PROJECT NO./CODE	
NO:	C610-017
CODE:	22164
SHEET NUMBER:	C3

SCALE: 1"=30'	SHEET REVISIONS	BOARD OF COUNTY COMMISSIONERS OF SUMMIT COUNTY	AS CONSTRUCTED	FRISCO TRANSIT CENTER	PROJECT NO./CODE
CIVIL INSIGHT	REVISION / DATE / COMMENTS / INITIALS	PO BOX 68	NO. OF REVISIONS: #	EXISTING STORMWATER PLAN	NO: C610-017
235 So. Ridge St · P.O. Box 7644 BRECKENRIDGE, CO 80424 (970) 771-2940 / (970) 376-4858 DON@CIVILINSIGHT.NET		BRECKENRIDGE, CO 80424	REVISED: #	DRAWN BY: D. LEINWEBER / DATE: 4/2/2018	CODE: 22164
		PHONE: 970-453-3403		CHECK BY: D. LEINWEBER / ISSUE: 65% PROGRESS	
			VOID: #	SHEET SUBSET: # / SUBSET SHEETS: # OF #	SHEET NUMBER: C4.0

PRELIMINARY - NOT FOR CONSTRUCTION

PRELIMINARY - NOT FOR CONSTRUCTION

SCALE: 1"=30'

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Breckenridge, CO 80424
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DON@CIVILINSIGHT.NET

SHEET REVISIONS

REVISION	DATE	COMMENTS	INITIALS
1	7/18/2018	PLANNING COMMENTS	DL

SUMMIT COUNTY COLORADO

BOARD OF COUNTY COMMISSIONERS OF SUMMIT COUNTY
PO BOX 68
BRECKENRIDGE, CO 80424
PHONE: 970-453-3403

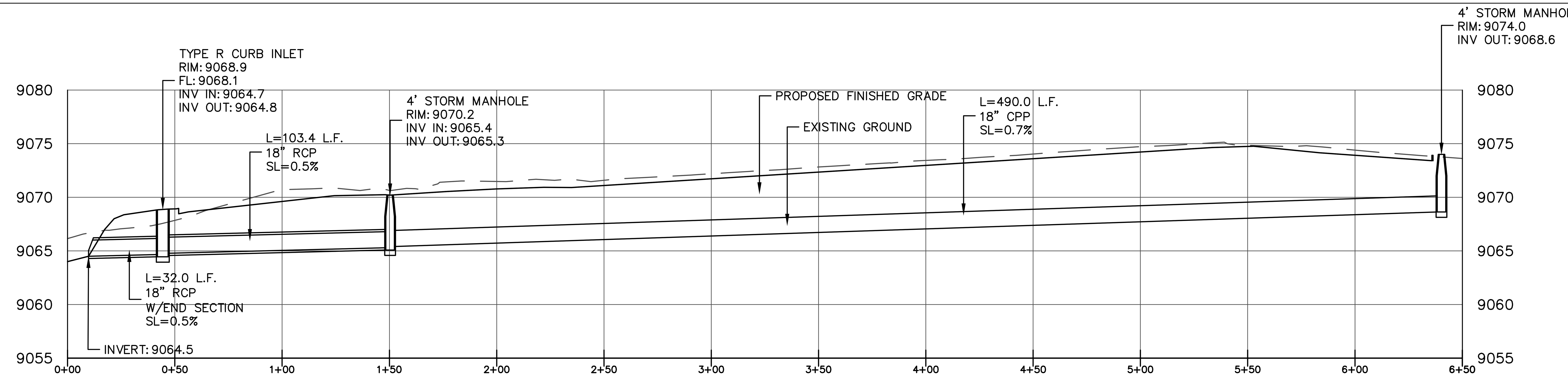
AS CONSTRUCTED	
NO. OF REVISIONS:	#
REVISED:	#
VOID:	#

FRISCO TRANSIT CENTER

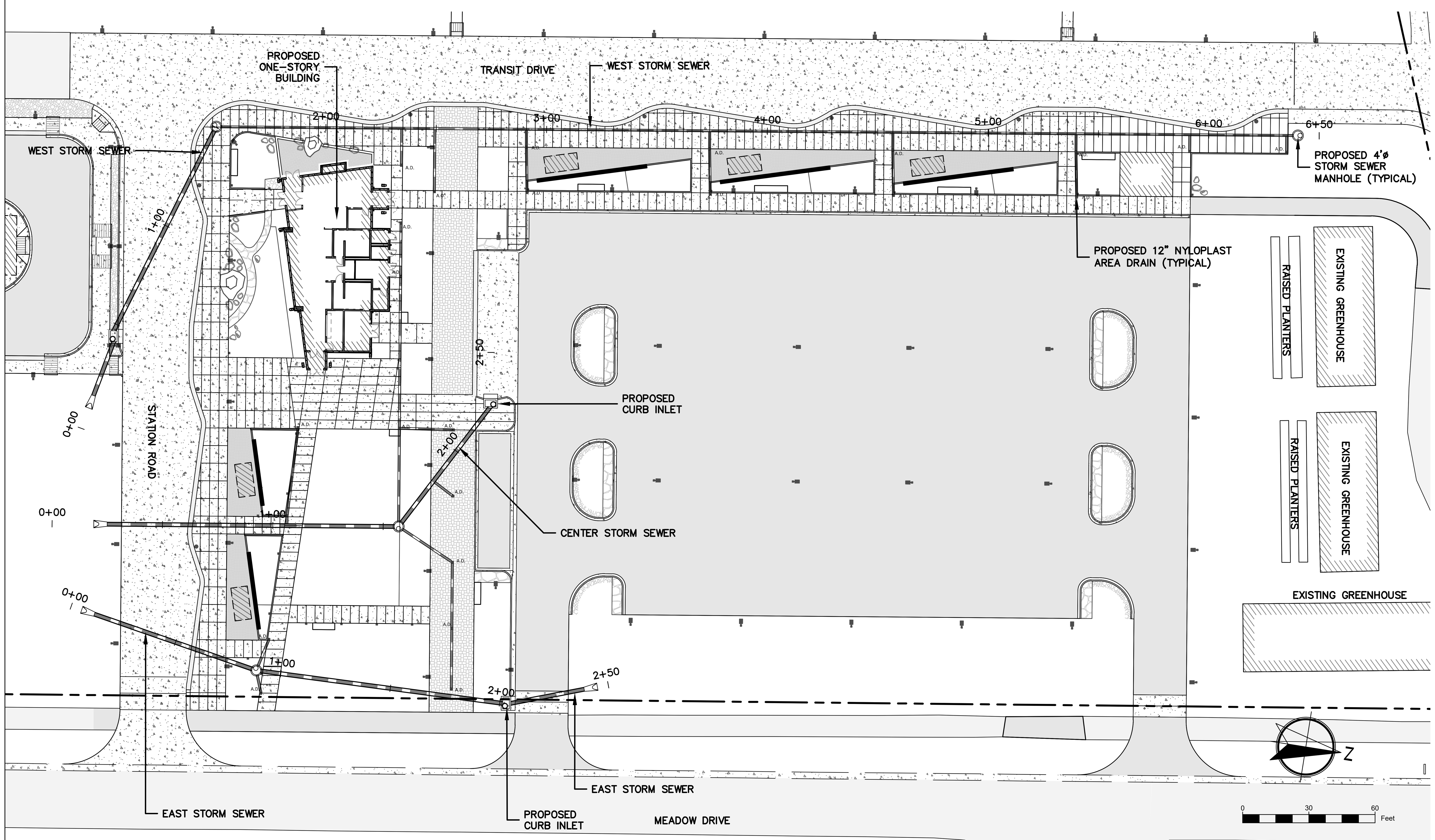
STORMWATER PLAN

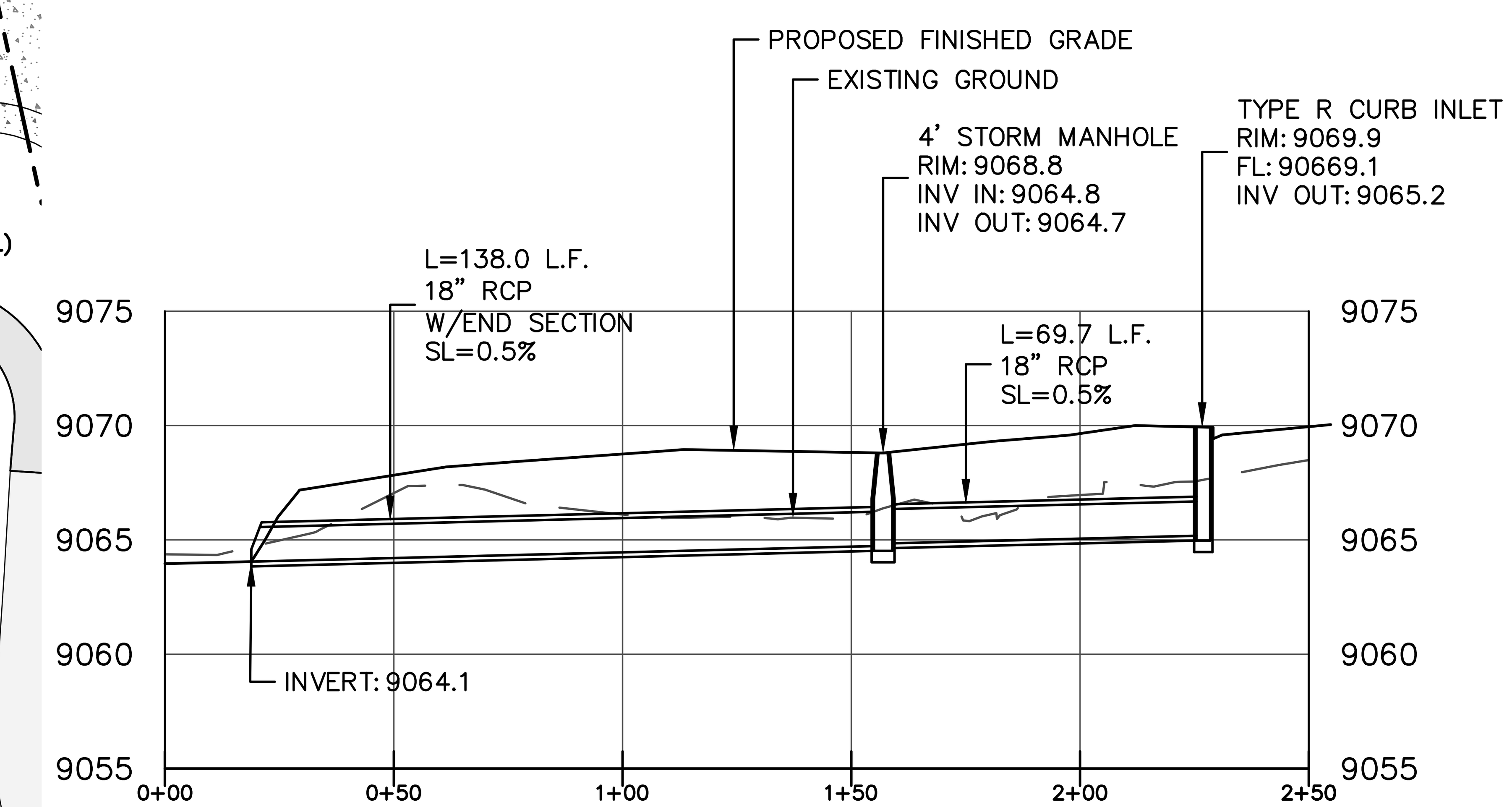
DRAWN BY:	D. LEINWEBER	DATE:	4/2/2018
CHECK BY:	D. LEINWEBER	ISSUE:	65% DESIGN
SHEET SUBSET:	#	SUBSET SHEETS:	# OF #

PROJECT NO./CODE	
NO:	C610-017
CODE:	22164
SHEET NUMBER:	C4.1

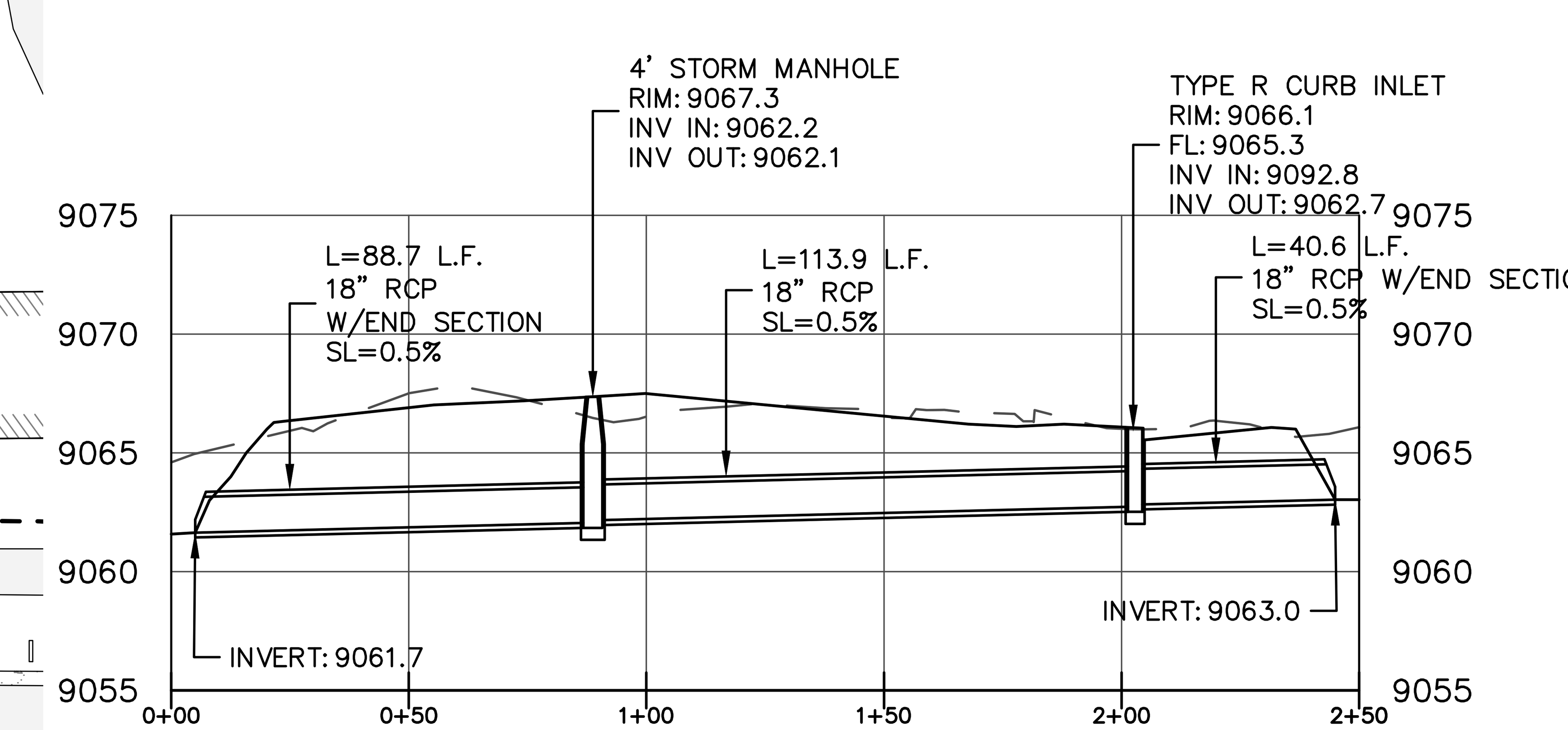


WEST STORM SEWER PROFILE





CENTER STORM SEWER PROFILE



EAST STORM SEWER PROFILE

HORIZONTAL SCALE: 1"=30' VERTICAL SCALE: 1"=6'

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SHEET REVISIONS

REVISION	DATE	COMMENTS	INITIALS

SUMMIT COUNTY COLORADO

BOARD OF COUNTY COMMISSIONERS OF SUMMIT COUNTY
PO BOX 68
BRECKENRIDGE, CO 80424
PHONE: 970-453-3403

AS CONSTRUCTED	
NO. OF REVISIONS:	#
REVISED:	#
VOID:	#

FRISCO TRANSIT CENTER
STORM SEWER PLAN AND PROFILES

DRAWN BY:	D. LEINWEBER	DATE:	4/2/2018
CHECK BY:	D. LEINWEBER	ISSUE:	65% DESIGN
SHEET SUBSET:	#	SUBSET SHEETS:	# OF #

PROJECT NO./CODE	
NO:	C610-017
CODE:	22164
SHEET NUMBER:	C4.2

PRELIMINARY - NOT FOR CONSTRUCTION

PRELIMINARY - NOT FOR CONSTRUCTION

SCALE:	1"=30'

SHEET REVISIONS

REVISION	DATE	COMMENTS	INITIALS

CIVIL INSIGHT
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Breckenridge, CO 80424
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BOARD OF COUNTY COMMISSIONERS
OF SUMMIT COUNTY

PO BOX 68
BRECKENRIDGE, CO 80424
PHONE: 970-453-3403

AS CONSTRUCTED	
NO. OF REVISIONS:	#
REVISED:	#
VOID:	#

FRISCO TRANSIT CENTER

DEMOLITION PLAN

DRAWN BY:	D. LEINWEBER	DATE:	4/2/2018
CHECK BY:	D. LEINWEBER	ISSUE:	65% DESIGN
SHEET SUBSET:	#	SUBSET SHEETS:	# OF #

PROJECT NO./CODE	
NO:	C610-017
CODE:	22164
SHEET NUMBER:	C5

SCALE:	1"=30'

SHEET REVISIONS

REVISION	DATE	COMMENTS	INITIALS
1	7/18/2018	PLANNING COMMENTS	DL

CIVIL INSIGHT
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Breckenridge, CO 80424
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SUMMIT COUNTY
COLORADO

BOARD OF COUNTY COMMISSIONERS
OF SUMMIT COUNTY

PO BOX 68
BRECKENRIDGE, CO 80424
PHONE: 970-453-3403

AS CONSTRUCTED	
NO. OF REVISIONS:	#
REVISED:	#
VOID:	#

FRISCO TRANSIT CENTER
EROSION CONTROL PLAN

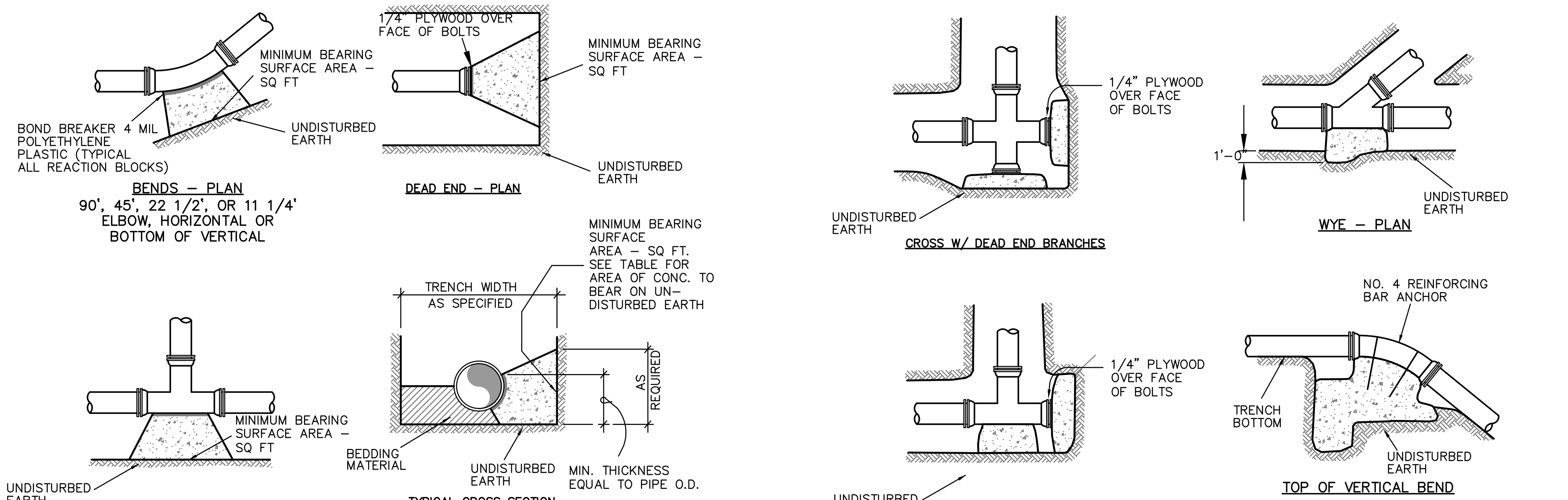
DRAWN BY:	D. LEINWEBER	DATE:	4/2/2018
CHECK BY:	D. LEINWEBER	ISSUE:	65% DESIGN
SHEET SUBSET:	#	SUBSET SHEETS:	# OF #

PROJECT NO./CODE	
NO:	C610-017
CODE:	22164
SHEET NUMBER:	C6

PRELIMINARY - NOT FOR CONSTRUCTION

NOTE:
ALL WATER LINE AND FIRE HYDRANT DESIGN AND CONSTRUCTION MUST BE COORDINATED WITH TOWN OF FRISCO PUBLIC WORKS DEPARTMENT

1



SIZE OF PIPE (INCHES)	ELBOWS				TEE OR DEAD ENDS	GATE VALVES
	90° (ft^2)	45° (ft^2)	22 1/2° (ft^2)	11 1/4° (ft^2)		
4"	1.8	1.0	0.5	0	1.3	0.5
6"	4.0	2.2	1.1	0	2.8	0.7
8"	7.1	3.8	2.0	1.0	5.0	2.4
10"	11.1	6.0	3.0	1.5	7.8	4.5
12"	16.0	8.6	4.4	2.2	11.3	7.3
14"	21.7	11.8	6.0	3.0	15.4	11.0

TABLE OF BEARING AREAS IN SQ. FT. FOR CONCRETE REACTION BLOCK

NOTE:

VOLUMES SHOWN IN TABLE ARE BASED ON 100 P.S.I. INTERNAL STATIC PRESSURE. VALUES FOR ANY PRESSURE MAY BE OBTAINED BY MULTIPLYING TABULATED VALUES BY A CORRECTION FACTOR "F".

F = ACTUAL SPECIFIED TEST PRESSURE – 100.

(REQUIRED FOR VERTICAL BEND ANCHOR BLOCKS FOR 100 P.S.I. PRESSURE).

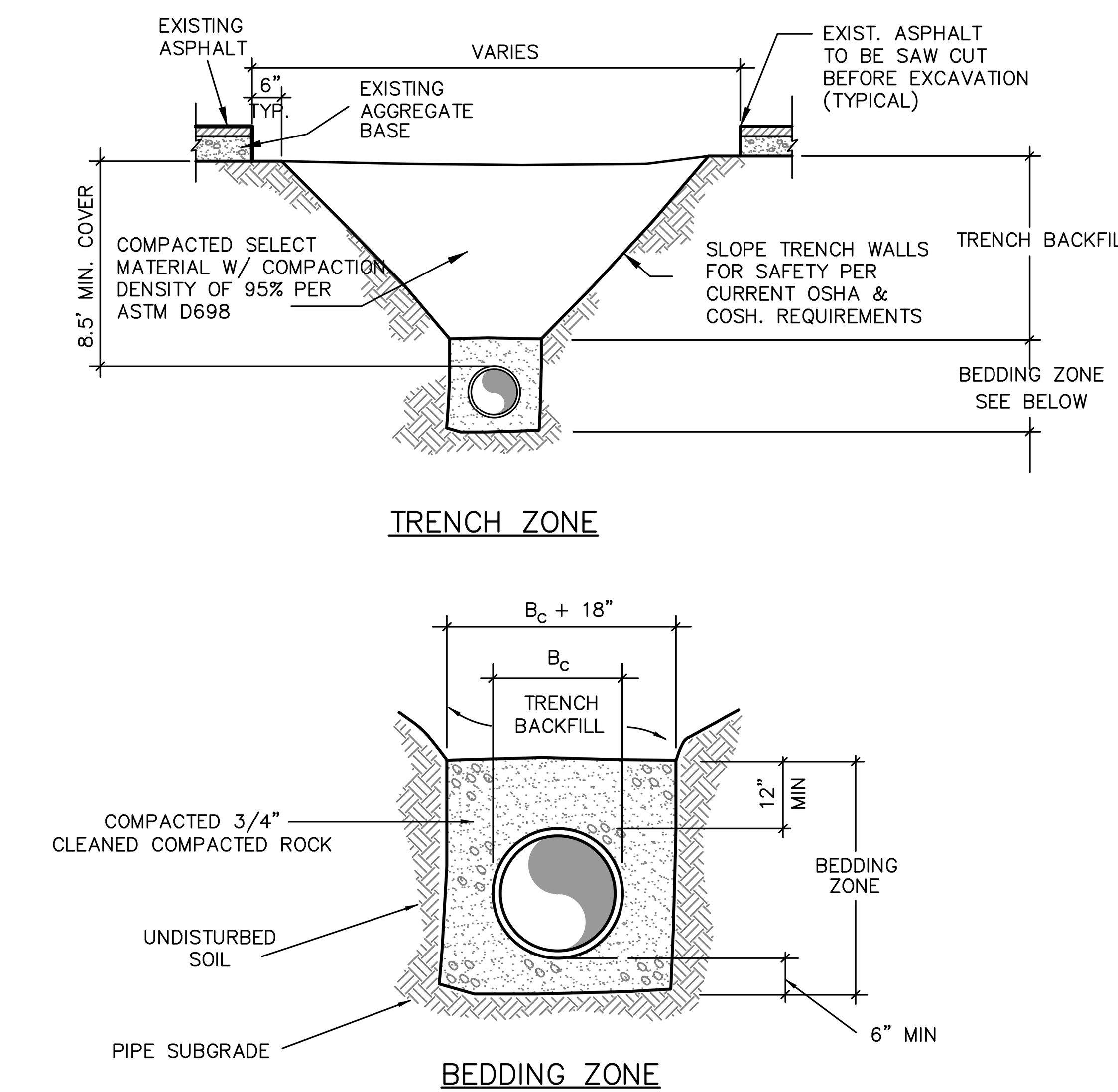
BAR SIZES FOR 100 P.S.I.		
LESS THAN	NO. OF BARS & SIZE	
60 CF	1	1/2"
90 CF	1	5/8"
133 CF	1	3/4"
200 CF	1	1"
400 CF	2	1"
600 CF	3	1"

SIZE (INCHES)	BENDS		
	45° (ft^3)	22 1/2° (ft^3)	11 1/4° (ft^3)
4	6.5	3.3	1.7
6	14.6	7.5	3.7
8	26.0	13.2	6.6
10	40.5	20.7	10.3
12	58.5	30.0	14.8
14	79.5	40.7	20.2

TABLE OF VOLUMES IN CU. FT. FOR CONCRETE ANCHOR BLOCKS

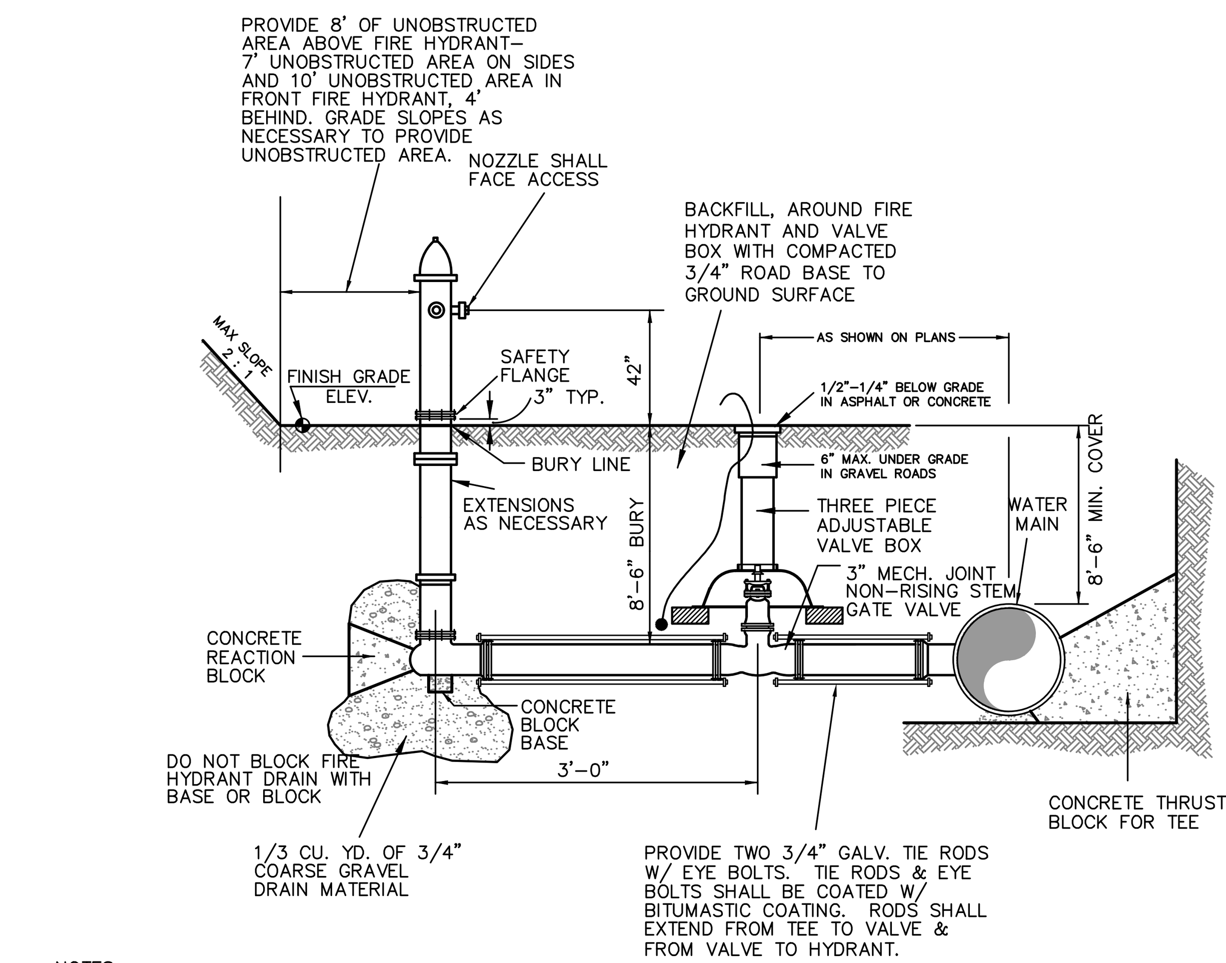
N.T.S.

A CONCRETE THRUST BLOCKS



N.T.S.

B WATER TRENCH DETAIL

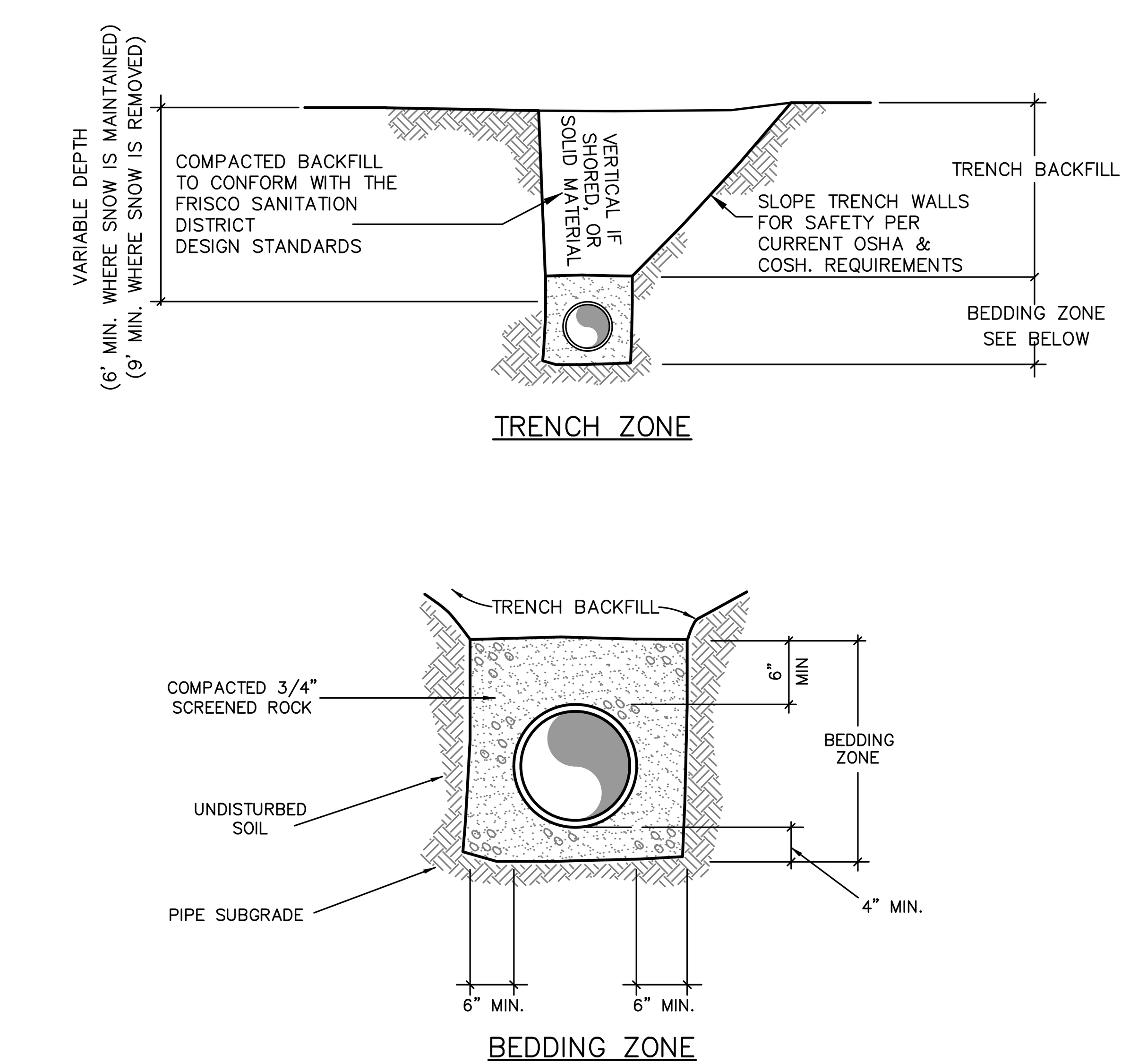


NOTES:

1. THE HYDRANT CAN BE ADJUSTED TO FINISHED GRADE BY INSTALLING 45° BENDS ON THE 6" MAIN FEEDING IT.
2. HYDRANT INSTALLATIONS SHALL CONFORM TO AWWA C502, MOUNTAIN SPECIFICATION.
3. HYDRANTS SHALL BE DRY BARREL WATEROUS PACER, OR MUELLER CENTURION PAINTED RED.

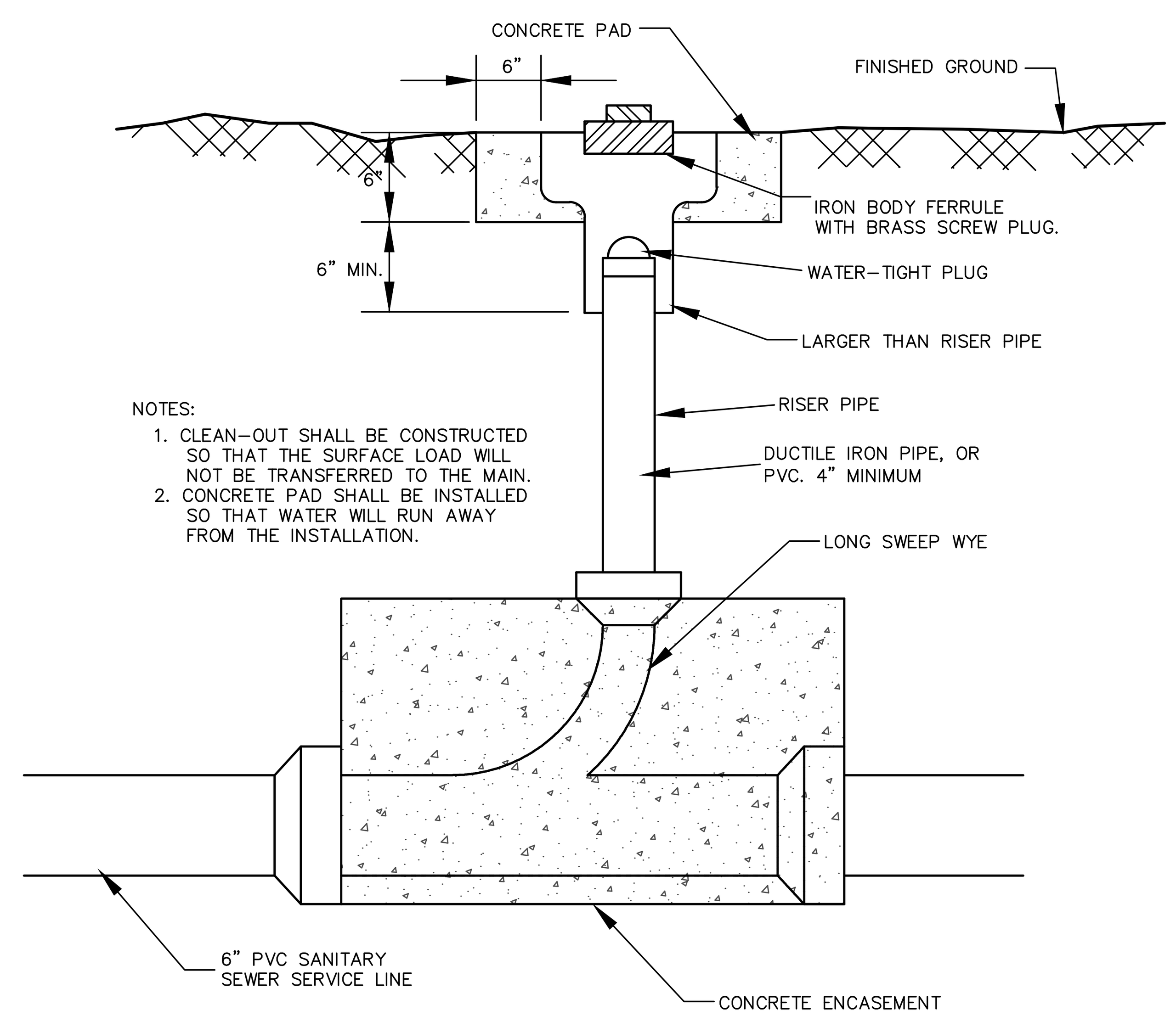
N.T.S.

C FIRE HYDRANT SETTING



N.T.S.

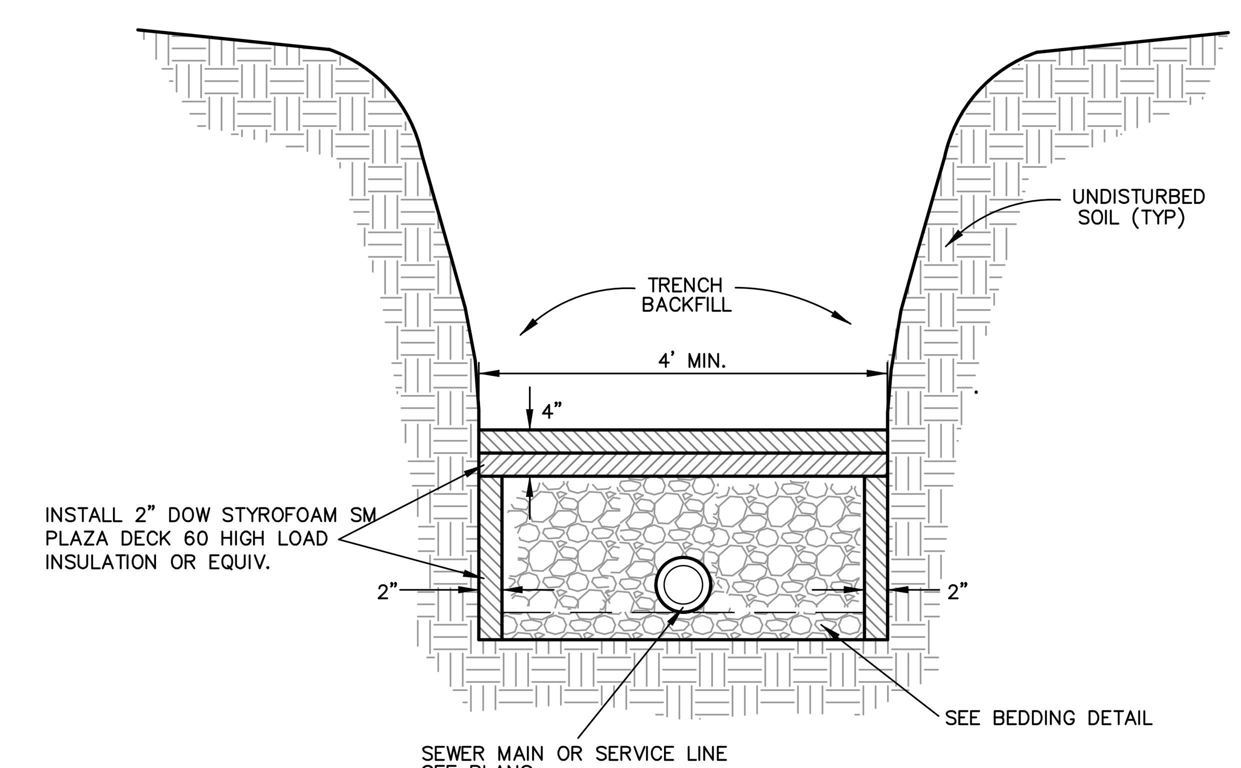
D SEWER PIPE BEDDING



NOTES:
1. CLEAN–OUT SHALL BE CONSTRUCTED SO THAT THE SURFACE LOAD WILL NOT BE TRANSFERRED TO THE MAIN.
2. CONCRETE PAD SHALL BE INSTALLED SO THAT WATER WILL RUN AWAY FROM THE INSTALLATION.

N.T.S.

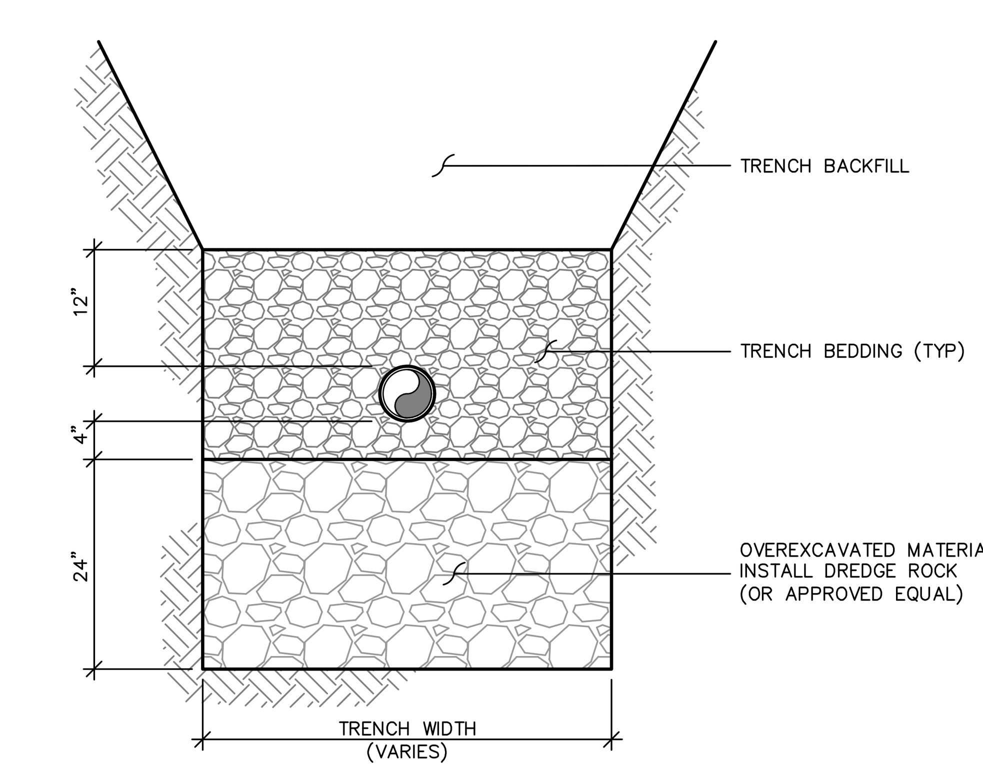
E SANITARY SEWER CLEANOUT



NOTE:
INSULATE SEWER LINE WHERE COVER IS LESS THAN 6' OVER SEWER SERVICE OR MAIN WHERE SNOW WILL REMAIN OR 9' WHERE SNOW WILL BE REMOVED.

N.T.S.

F SANITARY SEWER INSULATION



N.T.S.

G UNSTABLE TRENCH BOTTOM

SCALE:	N/A

CIVIL INSIGHT

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SHEET REVISIONS

REVISION	DATE	COMMENTS	INITIALS
1	7/18/2018	PLANNING COMMENTS	DL

SUMMIT COUNTY COLORADO

BOARD OF COUNTY COMMISSIONERS OF SUMMIT COUNTY

PO BOX 68
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PHONE: 970-453-3403

AS CONSTRUCTED	
NO. OF REVISIONS:	#
REVISED:	#
VOID:	#

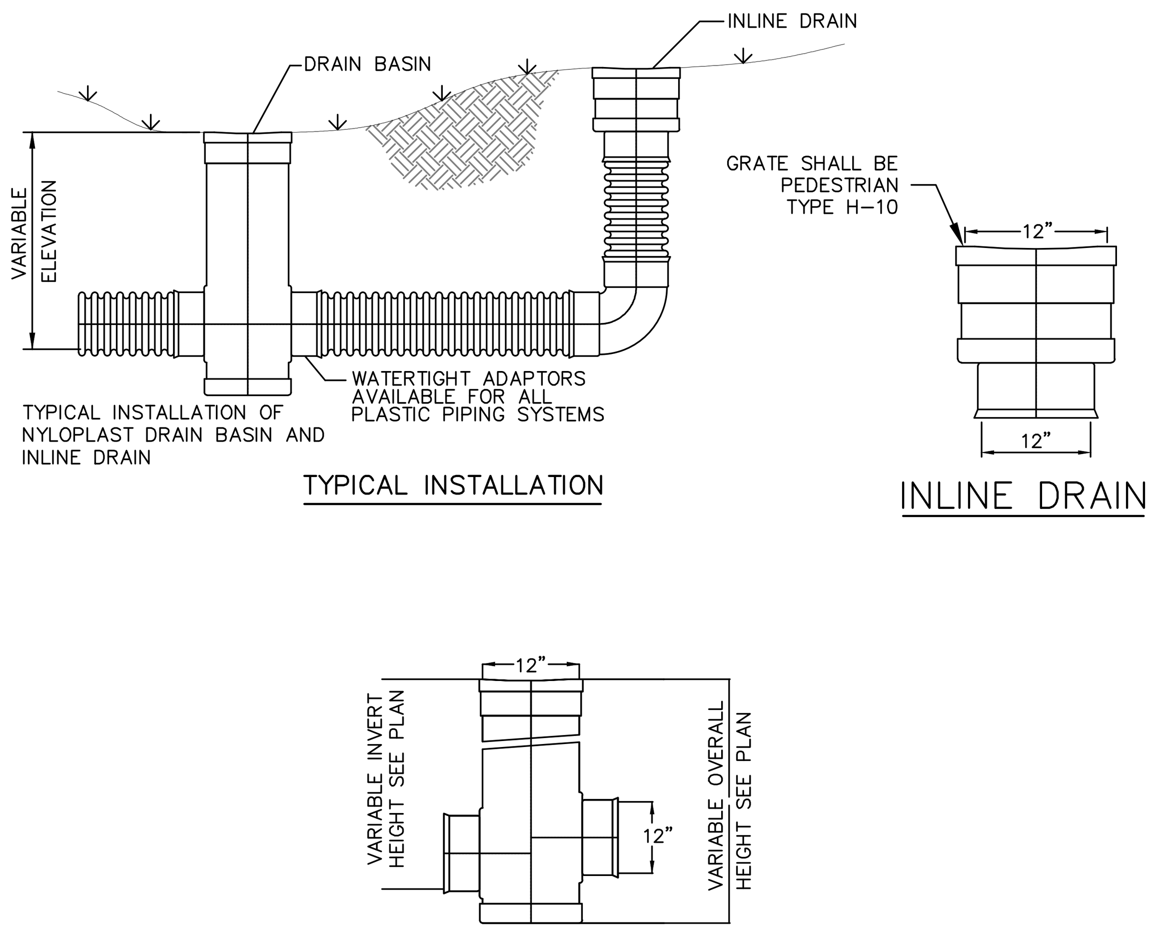
FRISCO TRANSIT CENTER

CONSTRUCTION DETAILS

DRAWN BY:	D. LEINWEBER	DATE:	5/24/2018
CHECK BY:	D. LEINWEBER	ISSUE:	65% DESIGN
SHEET SUBSET:	#	SUBSET SHEETS:	# OF #

PROJECT NO./CODE	
NO:	C610-017
CODE:	22164
SHEET NUMBER:	C7.0

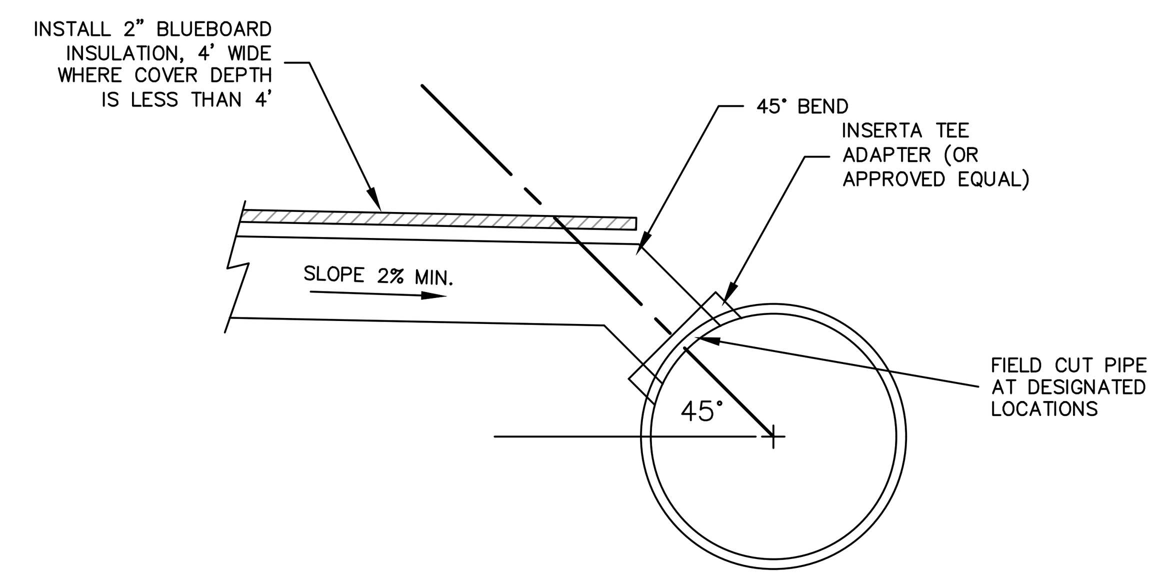
PRELIMINARY - NOT FOR CONSTRUCTION



NOTE:
DRAIN'S SHALL BE ADS NYLOPLAST DRAINS OR APPROVED EQUAL
GRATES SHALL BE SUITABLE FOR PEDESTRIAN AREAS

N.T.S.

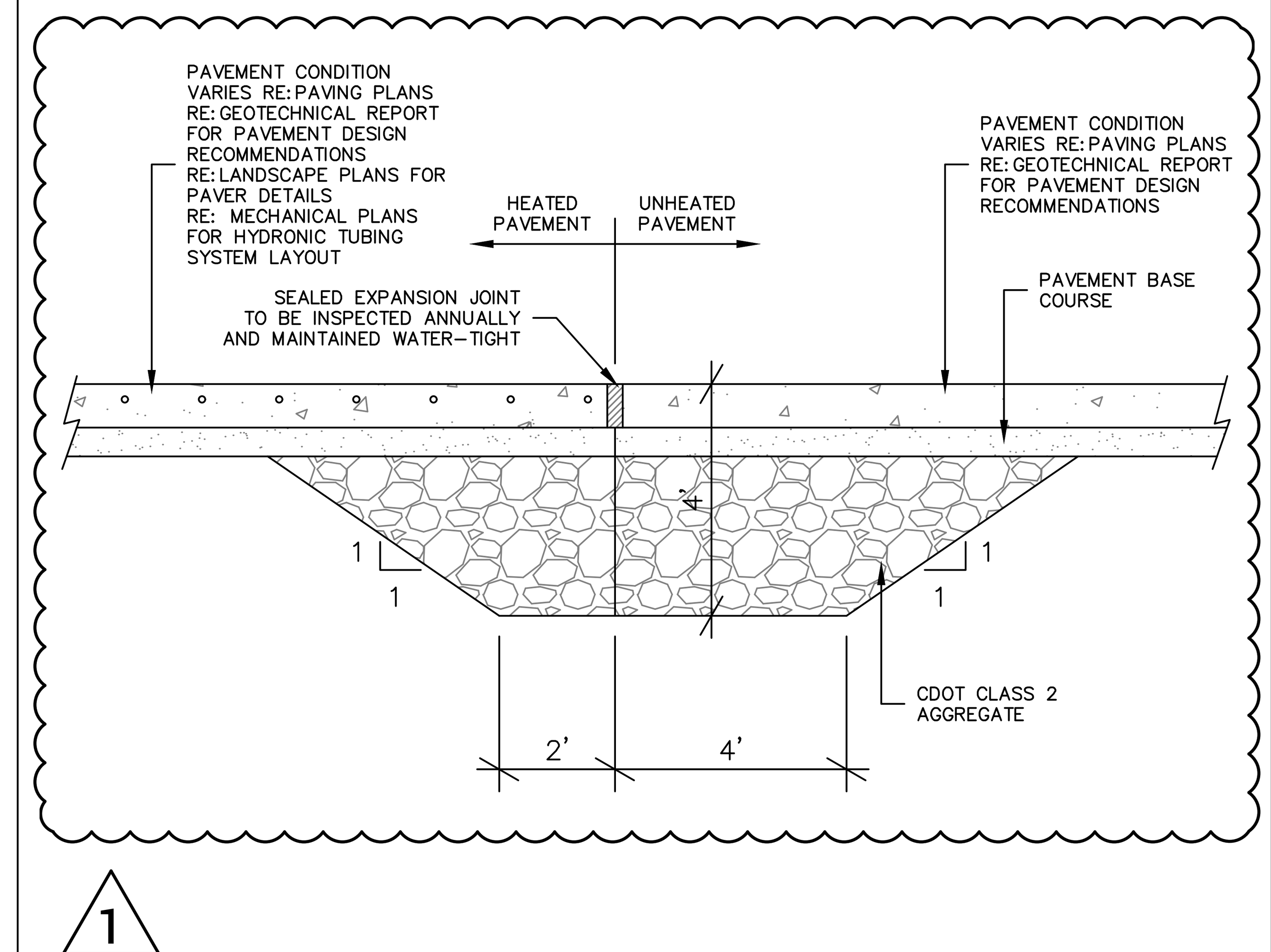
A AREA DRAIN



FOR DOWNSPOUT CONNECTIONS

N.T.S.

B INSERTA TEE FITTING



N.T.S.

C HEATED PAVEMENT TRANSITION

SCALE:	N/A		

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REVISION	DATE	COMMENTS	INITIALS
1	7/18/2018	PLANNING COMMENTS	DL

SUMMIT COUNTY
COLORADO

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VOID:	#

FRISCO TRANSIT CENTER

CONSTRUCTION DETAILS

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PROJECT NO./CODE	
NO:	C610-017
CODE:	22164
SHEET NUMBER:	C7.1

PRELIMINARY - NOT FOR CONSTRUCTION