Marriott Hotel
1202 Summit Blvd, Town of Frisco
September 2026

GENERAL NOTES

1. ALL WORK SHALL BE IN ACCORDANCE WITH CONTRACT DOCUMENTS.
2. THE CONTRACTOR SHALL CONFORM TO ALL TOWN OF FRISCO CODES, REGULATIONS, AND STIPULATION WHILE ACCESSING THROUGH OR WORKING ON THE SITE. .
3. CONTRACTOR SHALL OBTAIN, AT ITS OWN EXPENSE, ALL PERMITS AND INSPECTIONS, WHICH ARE NECESSARY TO PERFORM THE PROPOSED WORK, UNLESS OTHERWISE NOTED.
4. THE CONTRACTOR IS WARNED THAT CONFLICTS WITH EXISTING UTILITIES MAY EXIST. PRIOR TO BEGINNING ANY CONSTRUCTION, THE CONTRACTOR SHALL CONTACT ALL APPROPRIATE UTILITY COMPANIES FOR LINE LOCATIONS, AND CONTRACTOR SHALL LOCATE ALL UTILITIES (INCLUDING DEPTH). NEITHER MARCIN ENGINEERING NOR THE OWNER ASSUME ANY RESPONSIBILITY FOR UTILITY LOCATIONS. ANY CONFLICTS WITH THE PROPOSED CONSTRUCTION SHALL BE BROUGHT TO THE ATTENTION OF MARCIN ENGINEERING AND THE OWNER SO THAT MINOR LINE OR GRADE CHANGES CAN BE MADE TO ELIMINATE ANY CONFLICTS WITH THESE EXISTING UTILITIES. ALL EXISTING UTILITIES SHALL BE PROTECTED FROM DAMAGE BY THE CONTRACTOR. UTILITIES THAT ARE DAMAGED BY THE CONTRACTOR THAT WERE PROPERLY MARKED/LOCATED SHALL BE REPAIRED BY THE CONTRACTOR AT NO EXPENSE TO THE OWNER OR ENGINEER.
5. THE CONSTRUCTION OF ALL ROADS, SIDEWALKS, CURBS, EARTHWORK AND OTHER INFRASTRUCTURE DEVELOPMENT NOT SPECIFICALLY SPECIFIED BY SEPARATE UTILITY COMPANIES, SHALL BE CONSTRUCTED TO THE TOWN OF FRISCO CODE AND/OR COLORADO DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (2017 EDITION) AND LATEST REVISIONS, CDOT M&S STANDARD PLANS (2012 EDITION) AND LATEST REVISIONS AND ANY SUPPLEMENTAL SPECIFICATIONS PROVIDED WITH THE CONTRACT. WHEN STANDARDS CONFLICT, THE STANDARD JUDGED MOST RESTRICTIVE BY THE ENGINEER SHALL PREVAIL. THE CONTRACTOR SHALL OBTAIN COPIES OF THESE SPECIFICATIONS AND PLANS. THE CONTRACTOR SHALL HAVE ONE COPY OF THE PLANS AND ONE COPY OF THE SPECIFICATIONS AT THE JOB SITE AT ALL TIMES.
6. CONTRACTOR SHALL NOT SCALE DRAWINGS FOR CONSTRUCTION PURPOSES. ANY MISSING DIMENSIONS OR DISCREPANCIES IN THE PLANS, FIELD STAKING OR PHYSICAL FEATURES SHALL BE BROUGHT TO THE ATTENTION OF MARCIN ENGINEERING AND THE OWNER. IF THE CONTRACTOR PROCEEDS WITH THE WORK WITHOUT NOTIFYING MARCIN ENGINEERING AND THE OWNER, HE DOES SO AT HIS OWN RISK.
7. THE CONTRACTOR SHALL KEEP ONE (1) SET OF CONTRACT DRAWINGS MARKED TO FULLY INDICATE "AS-BUILT" CONDITIONS. THE DRAWINGS SHALL BE PROVIDED TO THE OWNER AND MARCIN ENGINEERING UPON COMPLETION OF THIS WORK. THREE (3) "AS-BUILT" TIES TO ALL SERVICES, FITTINGS, VALVES AND MANHOLES TO PHYSICAL MONUMENTS ARE TO BE PROVIDED BY THE CONTRACTOR.
8. SAFETY IS THE RESPONSIBILITY OF THE CONTRACTOR. NEITHER MARCIN ENGINEERING OR THE OWNER IS RESPONSIBLE FOR SAFETY IN, ON, OR ABOUT THE PROJECT SITE NOR FOR COMPLIANCE BY THE APPROPRIATE PARTY WITH ANY REGULATIONS RELATING THERETO.
9. THE CONTRACTOR IS RESPONSIBLE FOR ALL COORDINATION OF STOCKPILING OF MATERIALS. THE CONTRACTOR SHALL COORDINATE WITH THE OWNER, AND THE MATERIAL SUPPLIER.
10. THE CONTRACTOR SHALL TAKE ALL APPROPRIATE PRECAUTIONS TO SIGNIFICANTLY REDUCE ANY POTENTIAL POLLUTION CAUSED BY HIS ACTIVITIES, INCLUDING VEHICLE FUELING, STORAGE OF FERTILIZERS OR CHEMICALS, ETC. THE CONTRACTOR SHALL HAVE IDENTIFIED PROCEDURES FOR HANDLING POTENTIAL POLLUTANTS AND HAVE IDENTIFIED SPILL PREVENTION AND RESPONSE PROCEDURES PRIOR TO ANY ACTIVITIES AT THE PROJECT SITE.
11. OBSERVATIONS OF THE WORK IN PROGRESS AND ON-SITE VISITS ARE NOT TO BE CONSTRUED AS A GUARANTEE OR WARRANTY BY MARCIN ENGINEERING OF THE CONTRACTOR'S CONTRACTUAL RESPONSIBILITIES.
12. IF ANY GROUND WATER IS ENCOUNTERED, THE CONTRACTOR SHALL CONTACT MARCIN ENGINEERING AND THE PROJECT GEOTECHNICAL ENGINEER IMMEDIATELY.
13. CONSTRUCTION STAKING SHALL BE PERFORMED BY OWNER.
14. BENCHMARK: CONTACT MARCIN ENGINEERING FOR SITE BENCHMARK.
15. SOILS AND MATERIAL TESTING IS BY THE OWNER, BUT THE CONTRACTOR MUST NOTIFY THE OWNER AND GEOTECHNICAL ENGINEER OF SCHEDULING.
16. ALL EARTHWORK AND PAVING SHALL CONFORM WITH GEOTECHNICAL ENGINEER REQUIREMENTS. CONTRACTOR SHALL OBTAIN COPIES OF REPORT BY THE PROJECT GEOTECHNICAL ENGINEER.
17. ALL UTILITY TRENCHES IN ROAD PRISM TO BE COMPACTED AND TESTED PER GEOTECHNICAL ENGINEER REQUIREMENTS.
18. ROAD SUBGRADE SHALL BE PROOF ROLLED AND FREE OF DEFLECTION TO THE SATISFACTION OF THE GEOTECHNICAL ENGINEER. ANY FAILING AREAS SHALL BE REPAIRED AND PROOF ROLLED AGAIN UNTIL ACCEPTED BY THE GEOTECHNICAL ENGINEER WITH NO ADDITIONAL COST TO OWNER.
19. THE CONTRACTOR SHALL MAINTAIN EXISTING DRAINAGE CHANNELS, CULVERTS AND APPURTENANCES DURING CONSTRUCTION, AS NECESSARY TO PROTECT ROADS AND PROPERTY.
20. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN EROSION CONTROL IN ACCORDANCE WITH BEST MANAGEMENT PRACTICES. CONTRACTOR IS RESPONSIBLE TO REMOVE TEMPORARY EROSION CONTROL MEASURES AFTER CONSTRUCTION IS COMPLETION AND ONCE VEGETATION IS APPROXIMATELY 70% RE-ESTABLISHED DEEMED BY THE OWNER.
21. CONTRACTOR IS RESPONSIBLE FOR DAILY CLEANING OF ALL ACCESS ROADS AND OTHER PUBLIC STREETS NECESSITATED BY HIS ACTIVITIES ON THE SITE.
22. DUST CONTROL IS INCIDENTAL TO EARTHWORK CONSTRUCTION AND SHALL BE PROVIDED BY CONTRACTOR, AT NO COST TO OWNER, IN ACCORDANCE WITH THE DILLON TOWN CODE.
23. ALL LANDSCAPING SHALL BE PER THE LANDSCAPE ARCHITECT PLANS AND/OR OWNER.

26.. TOPSOIL SHALL BE STRIPPED AND STOCKPILED. COORDINATE WITH THE OWNER FOR ACCEPTABLE STOCKPILE LOCATIONS.

27. OVERSIZE BOULDERS (ROCK EXCAVATION-AS DEFINED IN CDOT SPECIFICATION 203.02.D) ENCOUNTERED DURING THE WORK SHALL BE REMOVED AND STOCKPILED IN A LOCATION DESIGNATED BY THE OWNER. NO EXTRA PAYMENT WILL BE DUE FOR THIS ITEM OF WORK.
28. GRADE AWAY FROM ALL BUILDINGS AT A MINIMUM SLOPE OF 10% FOR 10 FEET IN UNPAVED AREAS AND MINIMUM SLOPE OF 2% IN PAVED AREAS, UNLESS OTHERWISE NOTED ON THE PLANS.
29. DISPOSAL OF TRASH, ASPHALT, CONCRETE, AND CONSTRUCTION DEBRIS IS THE RESPONSIBILITY OF THE CONTRACTOR AND CONSIDERED PART OF THE WORK.

TABLE OF CONTENTS

C-1	COVER
C-2	EXISTING CONDITIONS
C-3	DEMO PLAN
C-4	SITE PLAN
C-5	PAVING & TRAFFIC FLOW
C-6	GRADING PLAN
C-7	BUILDING GRADING PLAN
C-8	UTILITY PLAN
C-9	STORMWATER MANAGEMENT
C-10	EROSION CONTROL PLAN
C-11	CONSTRUCTION DETAILS
C-12	CONSTRUCTION DETAILS 2
C-13	CONSTRUCTION DETAILS 3

CONTACTS

A	Marcin Engineering LLC: Tom Marcin, PE, PLS, 970-748-0274
B	Town of Frisco (Municipal Governing Agency)

VICINITY MAP

APPROXIMATE 1" = 100'



NOT FOR CONSTRUCTION

MARCIN ENGINEERING LLC
P.O. BOX 1062
AVON, COLORADO
970-748-0274

COVER SHEET
MARRIOTT HOTEL
FRISCO COLORADO

NO.	DATE	REVISIONS	BY

THOMAS S. MARCIN
COLORADO REGISTERED
32492
10.30.2026
PROFESSIONAL ENGINEER

JOB: 26045
DATE: 10.30.2026
SCALE:

SHEET
C-1

DRAWING: C:\Users\tscot\Marcin Engineering Dropbox\Projects\2026\26045- Marriott Frisco\dwg\ENG\MARRIOTT ENG CAP v4.dwg

GRAPHIC SCALE

0 30 45 60 90 150

(IN FEET)
1 inch = 30 ft.

EXISTING PROPERTY LINE

PROPOSED PROPERTY LINES PER CDOT

PROPOSED PROPERTY 109-XX

N67°55'39"E
308.96'

S21°51'59"E
206.69'

N51°59'58"E
311.15'

PARKING LOT

1202 N SUMMIT BLVD
4-STORY W/ROOF TOP DOGHOUSE

EX CONCRETE

EX CONCRETE FLOWLINE

LOT AREA
130,171 SF

EX CONCRETE DRAIN PAN

EX ASPHALT PARKING

EX STREET LIGHT

EX ELECTRIC LINE

N37°59'58"W
189.57'

S68°38'20"W
234.60'

LUSHER COURT
R.O.W. VARIES

R=289.51'
Δ=034°16'26"
L=173.18'
Chord Length=170.61'
Chord Bearing=S55°49'14"W

R=244.27'
Δ=029°55'18"
L=127.04'
Chord Length=125.60'
Chord Bearing=S53°38'39"W

NOT FOR CONSTRUCTION

MARCIN ENGINEERING LLC
P.O. BOX 1062
AVON, COLORADO
970-748-0274

EXISTING CONDITIONS (INFORMATION PROVIDED BY OTHERS)
MARRIOTT HOTEL PARKING LOT RE-DESIGN
FRISCO COLORADO

NO.	DATE	REVISIONS	BY

COLORADO REGISTERED
THOMAS S. MARCIN
32492
10.30.2026
PROFESSIONAL ENGINEER

JOB: 26045
DATE: 10.30.2026
SCALE: 1" = 30'

SHEET
C-2

DRAWING: C:\Users\tscot\Marcin Engineering Dropbox\Projects\2026\26045- Marriott Frisco\dwg\ENG\MARRIOTT ENG CAP v4.dwg

CDOT ROW

CDOT FRONTAGE RD.

LIMITS OF DISTURBANCE

1202 N SUMMIT BLVD
4-STORY W/ROOF TOP DOGHOUSE

PARKING LOT

LIMITS OF DISTURBANCE

CLEAR AND GRUB UNPAVED AREAS

REMOVE & DISPOSE ASPHALT & CONCRETE

SAWCUT CONCRETE AT JOINT COORDINATE WITH ENGINEER

REMOVE AND SAVE PAVERS

DE-ENERGIZE AND REMOVE LIGHT POLES, REMOVE AND SALVAGE CONCRETE BASES

REMOVE HYDRANT

REPLACE HYDRANT TEE WITH COUPLING

REMOVE AND SAVE PAVERS AS REQUIRED TO BE RESET

REMOVE PAN SAWCUT ASPHALT AS REQUIRED TO INSTALL STORM DRAIN PIPE

HOT TUB

LUSHER COURT
R.O.W. VARIES

LUSHER COURT
R.O.W. VARIES

9059.33
9060.89
9060.99
9060.67
61.00
9061.1
9060.9
9061.3
9060.9
9054.5
9060.6
9057.73
9056.5
9056.26

GRAPHIC SCALE

0 20 30 40 60 100

(IN FEET)
1 inch = 20 ft.

NOT FOR CONSTRUCTION

MARCIN ENGINEERING LLC
P.O. BOX 1062
AVON, COLORADO
970-748-0274

DEMOLITION PLAN
MARRIOTT HOTEL PARKING LOT RE-DESIGN
FRISCO, COLORADO

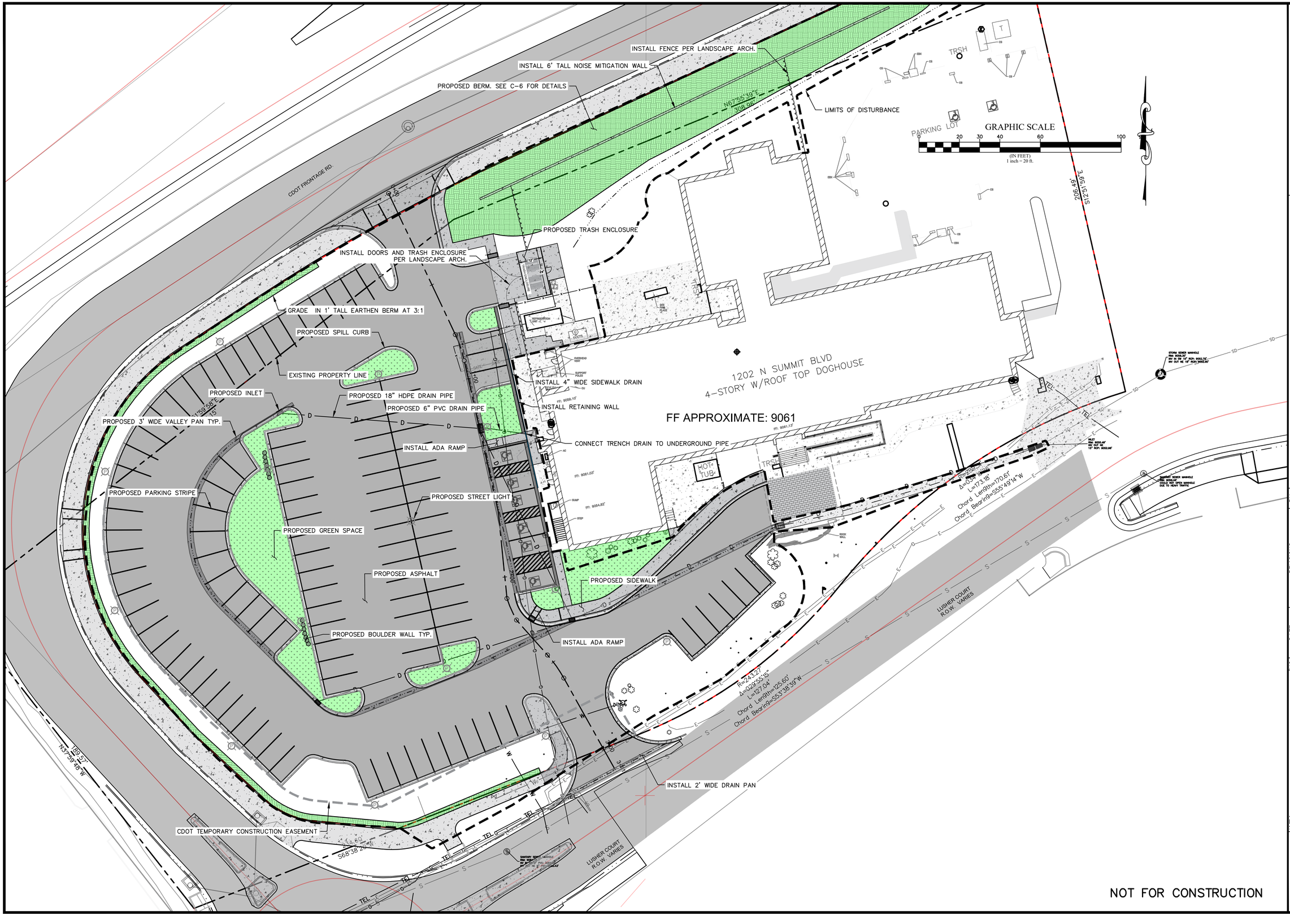
NO.	DATE	REVISIONS	BY

COLORADO REGISTERED
THOMAS S. MARCIN
32492
10.30.2026
PROFESSIONAL ENGINEER

JOB: 26045
DATE: 10.30.2026
SCALE: 1" = 20'

SHEET
C-3

DRAWING: C:\Users\tscot\Marcin Engineering Dropbox\Projects\2026\26045- Marriott Frisco\dwg\ENG\MARRIOTT ENG CAP v4.dwg



MARCIN ENGINEERING LLC
P.O. BOX 1062
AVON, COLORADO
970-748-0274

CIVIL SITE PLAN
PAVING & TRAFFIC FLOW
FRISCO, COLORADO

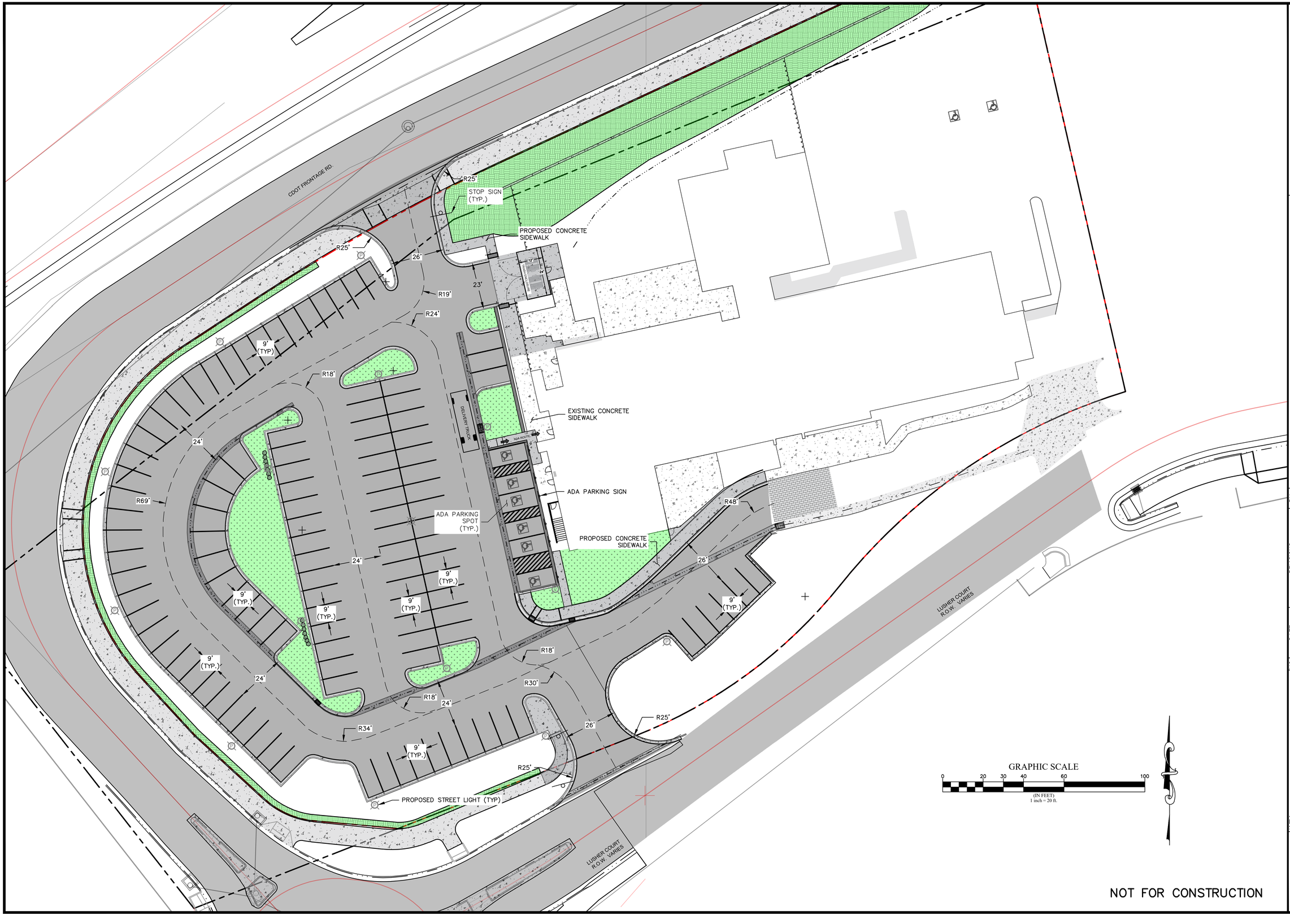
NO.	DATE	REVISIONS	BY

COLORADO REGISTERED
THOMAS S. MARCIN
32492
10.30.2026
PROFESSIONAL ENGINEER

JOB: 26045
DATE: 10.30.2026
SCALE: 1" = 20'

SHEET
C-4

DRAWING: G:\Users\xocox\Marcin Engineering Dropbox\Projects\2025\26045- Marriott Frisco\dwg\DWG\MARRIOTT ENG CAP v4.dwg



NOT FOR CONSTRUCTION

MARCIN ENGINEERING LLC
P.O. BOX 1062
AVON, COLORADO
970-748-0274

PAVING AND TRAFFIC PLAN
MARRIOTT HOTEL PARKING LOT RE-DESIGN
FRISCO, COLORADO

NO.	DATE	REVISIONS	BY

COLORADO REGISTERED PROFESSIONAL ENGINEER
32492
10.30.2026

JOB: 26045
DATE: 10.30.2026
SCALE: 1" = 20'

SHEET
C-5

DRAWING: C:\Users\scoco\Marcin Engineering Dropbox\Projects\2026\26045- Marriott Frisco\dwg\ENG\MARRIOTT ENG CAD v4.dwg

GRADE IN 5' TALL BERM

CDOT FRONTAGE RD

GRADE IN 1' TALL EARTHEN BERM AT 3:1

CDOT PROPOSED GRADE

PROPOSED BOULDER WALL TYP.

SEE STORM WATER PLAN FOR INVERTS AND DETAILS

LIMITS OF DISTURBANCE

LUSHER COURT
R.O.W. VARIES

N51°59'58"E
311.15'

N38°00'02"W
205.94'

S25°15'59"E
206.49'

S68°38'20"E
189.52'

N51°59'58"E

R=243.27'
Δ=029°55'16"
L=127.04'
Chord Length=125.60'
Chord Bearing=S53°38'39"W

Δ=03°04'18"
L=173.18'
Chord Length=170.61'
Chord Bearing=S55°49'14"W

GRAPHIC SCALE

0 20 30 40 60 100

(IN FEET)
1 inch = 20 ft.

NOT FOR CONSTRUCTION

MARCIN ENGINEERING LLC
P.O. BOX 1062
AVON, COLORADO
970-748-0274

GRADING PLAN
MARRIOTT HOTEL PARKING LOT RE-DESIGN
FRISCO, COLORADO

NO.	DATE	REVISIONS	BY

COLORADO REGISTERED
THOMAS S. MARCIN
32492
10.30.2026
PROFESSIONAL ENGINEER

JOB: 26045
DATE: 10.30.2026
SCALE: 1" = 20'

SHEET
C-6

DRAWING: C:\Users\tscon\Marcin Engineering Dropbox\Projects\2026\26045- Marriott Frisco\dwg\ENG\MARRIOTT ENG CAP v4.dwg

GRAPHIC SCALE
0 10 15 20 30 50
(IN FEET)
1 inch = 10 ft.

INSTALL SIDEWALK DRAIN PER C-8

TRASH ENCLOSURE

SIDEWALK FLUSH WITH ASPHALT

SIDEWALK FLUSH WITH ASPHALT

NOT FOR CONSTRUCTION

MARCIN ENGINEERING LLC
P.O. BOX 1062
AVON, COLORADO
970-748-0274

BUILDING GRADING PLAN
MARRIOTT HOTEL PARKING LOT RE-DESIGN
FRISCO, COLORADO

NO.	DATE	REVISIONS	BY

COLORADO REGISTERED
THOMAS S. MARCIN
32492
10.30.2026
PROFESSIONAL ENGINEER

JOB: 26045
DATE: 10.30.2026
SCALE: 1" = 10'

SHEET
C-7

DRAWING: C:\Users\tscot\Marcin Engineering Dropbox\Projects\2026\26045- Marriott Frisco\dwg\[ENG\MARRIOTT ENG CAP v4.dwg

CDOT FRONTAGE RD.

PROPOSED TRASH ENCLOSURE

PROPOSED INLET TYP.

N51°59'58"E
311.15'

PROPOSED 6" PVC DRAIN PIPE

PROPOSED 18" HDPE DRAIN PIPE

INSTALL 4" WIDE SIDEWALK DRAIN

CONNECT SIDEWALK DRAIN TO UNDERGROUND PIPE

FF APPROXIMATE: 9061

INSTALL CLEANOUT
VALVE BOX AT EXISTING

IRRIGATION SLEEVE

EXISTING GAS

EXISTING WATER

ELECTRIC CONDUIT

EXISTING ELECTRIC

EXISTING SEWER

PROPOSED STREET LIGHTS

HYDRANT TO BE REMOVED

REPLACE HYDRANT
TEE WITH COUPLING

N67°53'39"E
305.06'

S12°51'55"E
206.49'

1202 N SUMMIT BLVD
4-STORY W/ROOF TOP DOGHOUSE

PARKING LOT

HOT TUB

R=243.27'
Δ=029°55'15"
L=127.04'
Chord Length=125.60'
Chord Bearing=S55°38'39"W

R=250.00'
Δ=034°16'20"
L=173.18'
Chord Length=170.61'
Chord Bearing=S55°49'14"W

LUSHER COURT
R.O.W. VARIES

N37°59'45"W
139.57'

S68°38'25"W
80.95'

GRAPHIC SCALE
0 20 30 40 60 100
(IN FEET)
1 inch = 20 ft.

NOT FOR CONSTRUCTION

MARCIN ENGINEERING LLC
P.O. BOX 1062
AVON, COLORADO
970-748-0274

UTILITY PLAN
MARRIOTT HOTEL PARKING LOT RE-DESIGN
FRISCO, COLORADO

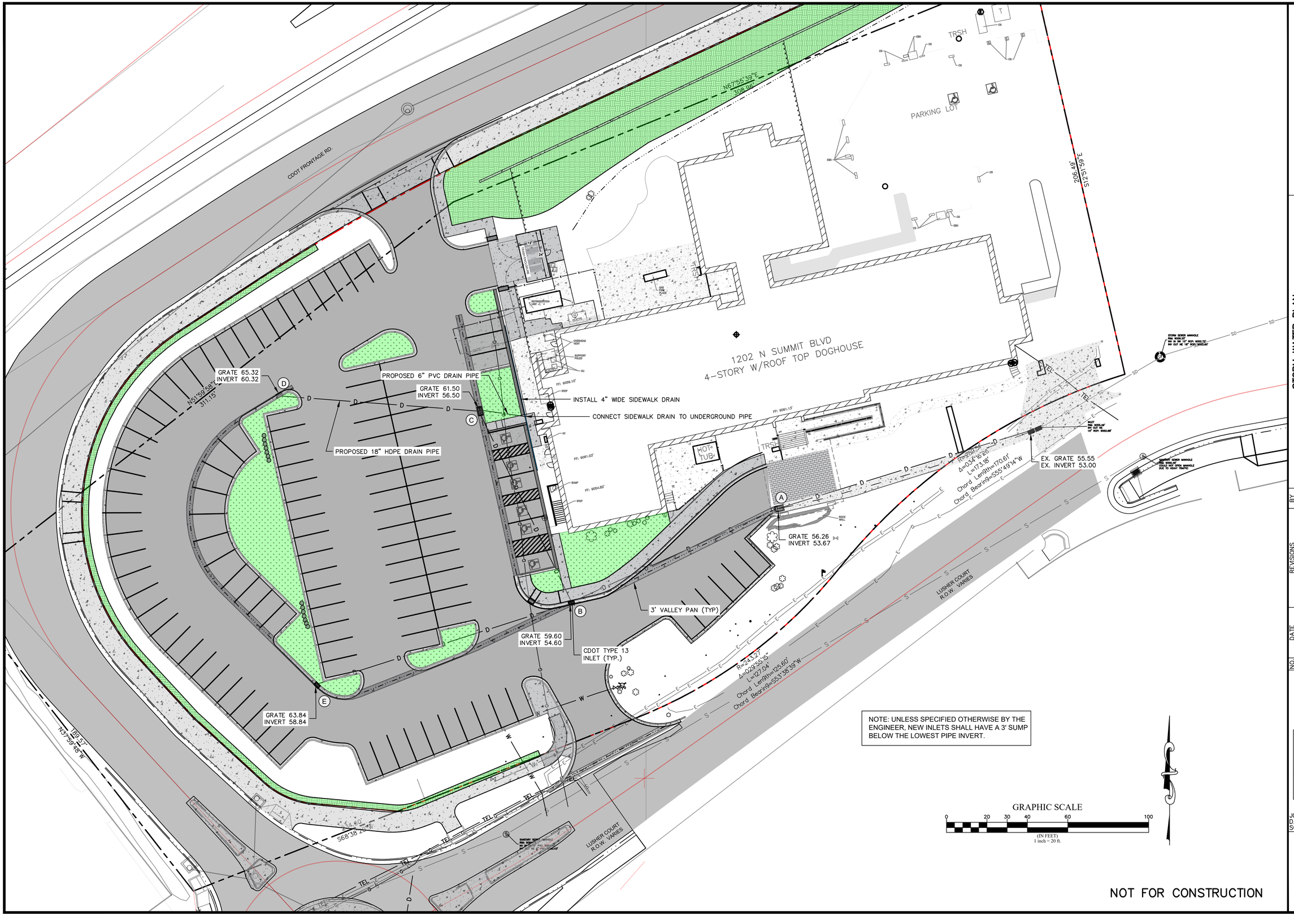
NO.	DATE	REVISIONS	BY

COLORADO REGISTERED
THOMAS S. MARCIN
32492
10.30.2026
PROFESSIONAL ENGINEER

JOB: 26045
DATE: 10.30.2026
SCALE: 1" = 20'

SHEET
C-8

DRAWING: G:\Users\Jason\Marcin Engineering Dropbox\Projects\2026\26045- Marriott Frisco\dwg\MARRIOTT ENG GAP v4.dwg



MARCIN ENGINEERING LLC
P.O. BOX 1062
AVON, COLORADO
970-748-0274

STORM WATER PLAN
MARRIOTT HOTEL PARKING LOT RE-DESIGN
FRISCO, COLORADO

NO.	DATE	REVISIONS	BY

COLORADO REGISTERED
THOMAS S. MARCIN
32492
10.30.2026
PROFESSIONAL ENGINEER

JOB: 26045
DATE: 10.30.2026
SCALE: 1" = 20'

SHEET
C-9

DRAWING: G:\Users\xxxx\Marcin Engineering Dropbox\Projects\2025\26045- Marriott Frisco\dwg\DWG\MARRIOTT END CAP -4.dwg

GRAPHIC SCALE
0 20 30 40 60 100
(IN FEET)
1 inch = 20 ft.

INSTALL STABILIZED CONSTRUCTION ENTRY

CDOT FRONTAGE RD.

N51°59'58"E
311.15'

S12°51'59"E
206.49'

INSTALL INLET COVER

INSTALL EROSION CONTROL LOGS EVERY 50' ALONG FLOWLINES

INSTALL SILT FENCE

LUSHER COURT
R.O.W. VARIES

R=243.27'
Δ=029°53'15"
L=127.04'
Chord Length=125.60'
Chord Bearing=S53°38'39"W

INSTALL STABILIZED CONSTRUCTION ENTRY

S68°38'29"W
189.32'

N33°29'48"W

LUSHER COURT
R.O.W. VARIES

NOT FOR CONSTRUCTION

MARCIN ENGINEERING LLC
P.O. BOX 1062
AVON, COLORADO
970-748-0274

EROSION CONTROL PLAN
MARRIOTT HOTEL PARKING LOT RE-DESIGN
FRISCO, COLORADO

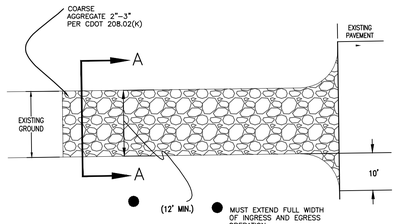
NO.	DATE	REVISIONS	BY

COLORADO REGISTERED
JAMES A. MARCIN
32492
10.30.2026
PROFESSIONAL ENGINEER

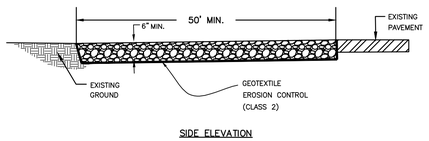
JOB: 26045
DATE: 10.30.2026
SCALE: 1" = 20'

SHEET
C-10

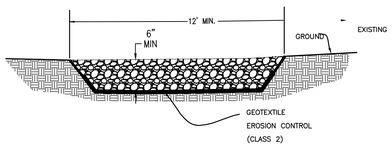
DRAWING: C:\Users\acco\Marcin Engineering Dropbox\Projects\2026\26045- Marriott Frisco\dwg\ENG\MARRIOTT ENG CAD v4.dwg



PLAN VIEW

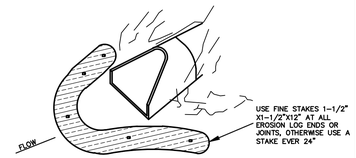


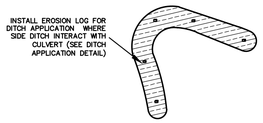
SIDE ELEVATION



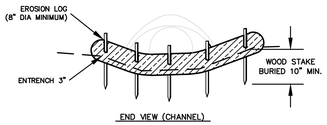
SECTION A–A

STABILIZED CONSTRUCTION ENTRY

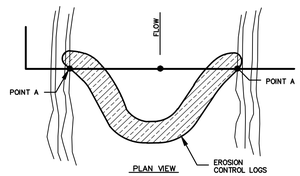




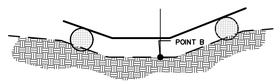
ISOMETRIC VIEW



END VIEW (CHANNEL)



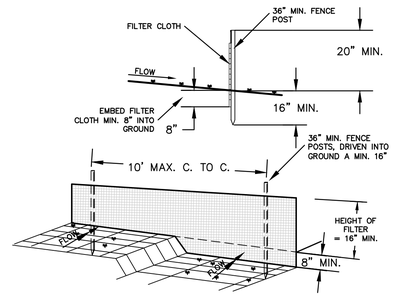
PLAN VIEW



POINTS A MUST BE HIGHER THAN POINT B

SECTION D–D

EROSION CONTROL LOG DETAILS



PERSPECTIVE VIEW

SILT FENCE

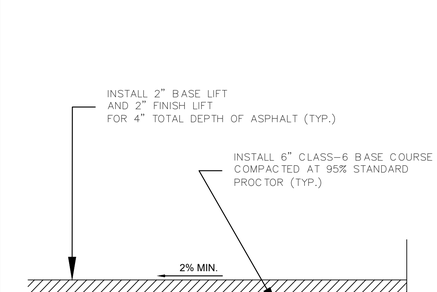
CONSTRUCTION NOTES FOR FABRICATED SILT FENCE

1. SILT FENCE TO BE FASTENED SECURELY TO FENCE POST WITH WIRE TIES OR STAPLES.
2. FILTER CLOTH TO BE FASTENED SECURELY TO FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION.
3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED.
4. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

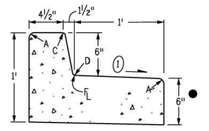
CONSTRUCTION MATERIAL

1. POSTS: STEEL EITHER T OR U TYPE OR 2" HARDWOOD.
2. FILTER CLOTH: FILTER X, MIRAFI 100X, STABILINKA T140N OR APPROVED EQUAL.
3. PREFABRICATED UNIT: GEOFAB, ENVIROFENCE, OR APPROVED EQUAL.

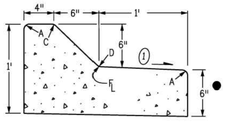
SILT FENCE DETAILS



ASPHALT DETAILS



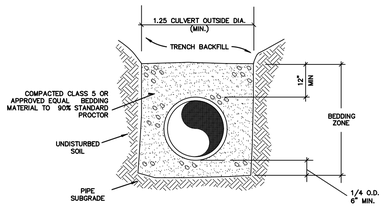
CURB AND GUTTER TYPE 2
(SECTION IB)
(6 IN. BARRIER - 1 FT. GUTTER)



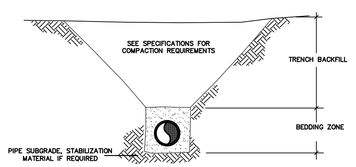
CURB AND GUTTER TYPE 2
(SECTION IM)
(6 IN. MOUNTABLE - 1 FT. GUTTER)

① GUTTER CROSS SLOPES SHALL BE ½ IN./FT. WHEN DRAINING AWAY FROM CURB AND 1 IN./FT. WHEN DRAINING TOWARD CURB (WITH EXCEPTION TO IMMEDIATELY ADJACENT TO CURB RAMPS - SEE STANDARD PLAN M-608-1 FOR SLOPE REQUIREMENTS).

CURB DETAILS



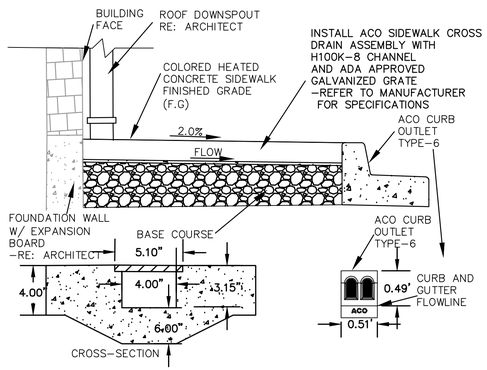
CULVERT BEDDING DETAIL



TRENCH ZONES

CONFORM TO PIPE MANUFACTURER'S SPECIFICATIONS FOR BEDDING REQUIREMENT

TRENCH DETAILS



ATTACHED SIDEWALK DETAIL

MARCIN ENGINEERING LLC
P.O. BOX 1062
AVON, COLORADO
970-748-0274

CONSTRUCTION DETAILS
MARRIOTT HOTEL PARKING LOT RE-DESIGN
FRISCO, COLORADO

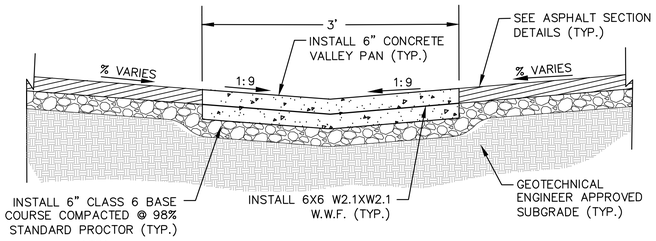
NO.	DATE	REVISIONS	BY

COLORADO REGISTERED PROFESSIONAL ENGINEER
32492
10.30.2026

JOB: 26045
DATE: 10.30.2026
SCALE:

SHEET C-11

DRAWING: C:\Users\Marcin Engineering Dropbox\Projects\2026\26045- Marriott Frisco\dwg\ENG\MARRIOTT ENG CVR v4.dwg

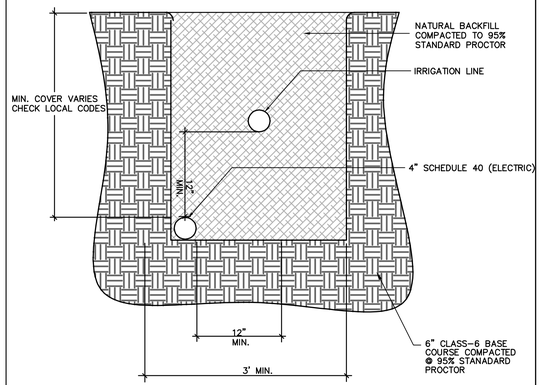


NOTES:

1) ALL CONCRETE PAVING SHALL BE 6" CDOT CLASS-B ASTM C 150 TYPE II CONCRETE WITH 6X6 W2.9XW2.9 W.W.F OVER 6" CLASS 6 BASE COURSE, UNLESS OTHERWISE NOTED.

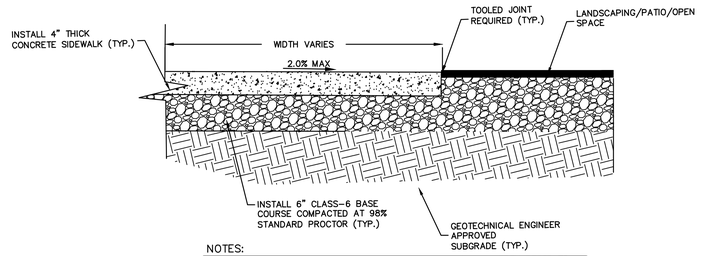
2) MINIMUM LONGITUDINAL SLOPE OF CROSSPANS TO BE 0.75%

CONCRETE VALLEY PAN



CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH APPROPRIATE UTILITY COMPANIES FOR INSTALLATION SPECIFICATIONS, INCLUDING TRENCH/CONDUIT SIZE, NUMBER, AND HORIZONTAL/VERTICAL LAYOUT.

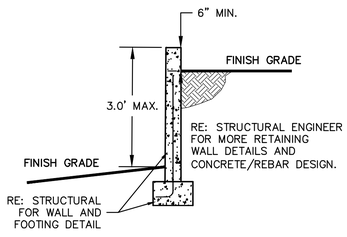
SHALLOW UTILITY TRENCH



NOTES:

1) FOR PAVEMENT, BASE, AND SUBGRADE SPECIFICATIONS AND DEPTH REFER TO GEOTECH REPORT.

DETACHED SIDEWALK



RETAINING WALL

MARCIN ENGINEERING LLC
P.O. BOX 1062
AVON, COLORADO
970-748-0274

CONSTRUCTION DETAILS
MARRIOTT HOTEL PARKING LOT RE-DESIGN
FRISCO, COLORADO

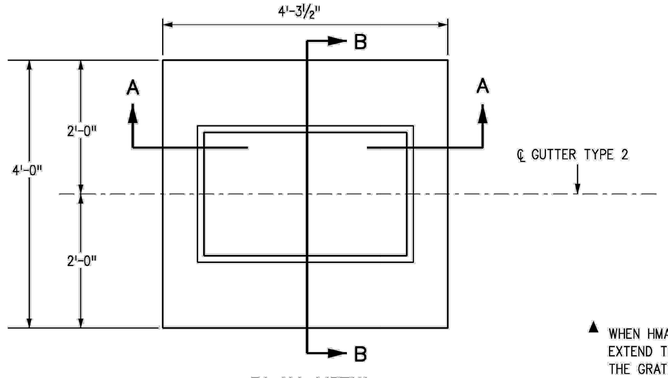
NO.	DATE	REVISIONS	BY

COLORADO REGISTERED
HANNAH B. STEVENS
32492
10.30.2026
PROFESSIONAL ENGINEER

JOB: 26045
DATE: 10.30.2026
SCALE:

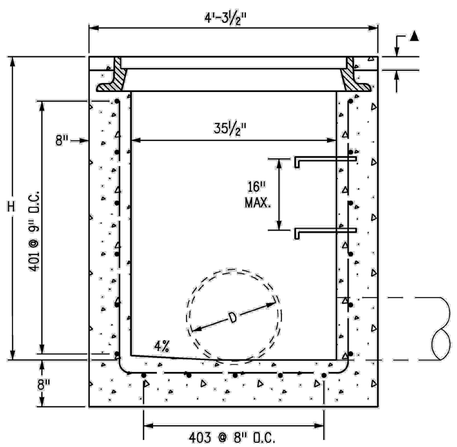
SHEET
C-12

DRAWING: C:\Users\Vance\Marcin Engineering Dropbox\Projects\2026\26045- Marriott Frisco\dwg\ENG\MARRIOTT ENG CAP v4.dwg

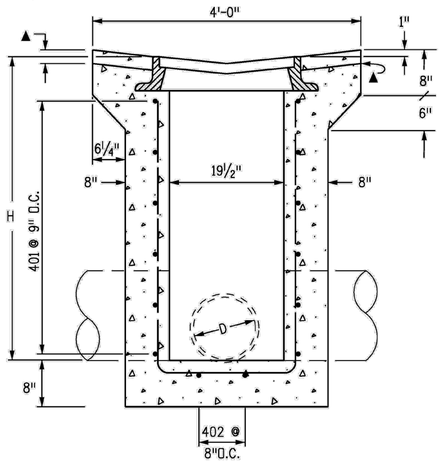


PLAN VIEW
TYPE 13 INLET FOR GUTTER TYPE 2

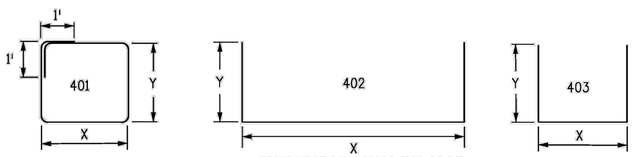
▲ WHEN HMA MATERIAL IS TO EXTEND TO THE EDGE OF THE GRATING FRAME, CONCRETE MAY BE DEPRESSED.



SECTION A-A
D MAX = 30 IN. FOR H > 4 FT.



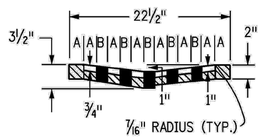
SECTION B-B
D MAX = 18 IN. FOR ALL H



BENDING DIAGRAMS
ALL DIMENSIONS ARE OUT-TO-OUT OF BAR.

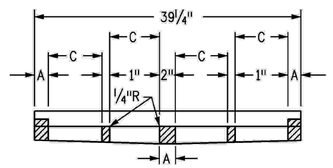


NO. 13 GRATE

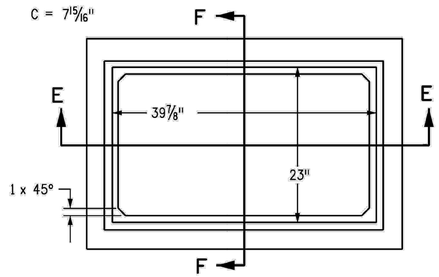


SECTION C-C

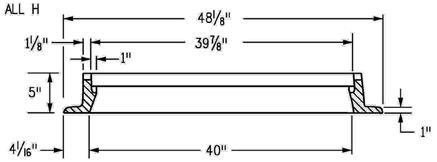
A = 1¾"
B = 1 11/16"
C = 7 15/16"



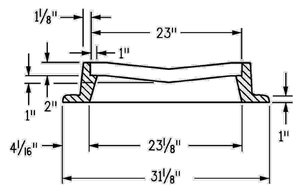
SECTION D-D



NO. 13 GRATING & FRAMES



SECTION E-E
APPROXIMATE WEIGHT = 590 LBS.



SECTION F-F

GENERAL NOTES

1. CONCRETE SHALL BE CLASS B. INLET MAY BE CAST-IN-PLACE OR PRECAST.
2. CAST-IN-PLACE CONCRETE WALLS SHALL BE FORMED ON BOTH SIDES.
3. EXPOSED CONCRETE CORNERS SHALL BE CHAMFERED ¾ OF A INCH.
4. REINFORCING BARS SHALL BE DEFORMED #4 AND SHALL HAVE A 2 INCH MINIMUM CLEARANCE. ALL REINFORCING BARS SHALL BE GRADE 60 AND EPOXY COATED.
5. STEPS SHALL BE PROVIDED WHEN INLET DIMENSION "H" IS EQUAL TO OR GREATER THAN 3 FEET-6 INCHES AND SHALL CONFORM TO AASHTO M 199.
6. ALL GRATES AND FRAMES SHALL BE GRAY OR DUCTILE CAST IRON IN ACCORDANCE WITH SUBSECTION 712.06. GRATES AND FRAMES SHALL BE DESIGNED TO WITHSTAND HS 20 LOADING.
7. STATION POINT IS AT THE CENTER OF THE INLET.
8. GRATE SHALL HAVE "DUMP NO WASTE DRAINS TO STREAM" MESSAGE CAST ON SURFACE.

H	CONCRETE	REINFORCING STEEL	NO. OF 401 BARS REQ'D.	MAXIMUM PIPE I.D.	
				SEC. A-A	SEC. B-B
	CU. YDS.	θ LB.		IN.	IN.
3'-0"	1.3	72	4	18	18
3'-6"	1.5	76	4	24	18
4'-0"	1.6	90	5	30	18
4'-6"	1.8	104	6	30	18
5'-0"	1.9	109	6	30	18
5'-6"	2.1	122	7	30	18
6'-0"	2.2	136	8	30	18
6'-6"	2.4	141	8	30	18
7'-0"	2.5	154	9	30	18
7'-6"	2.7	168	10	30	18
8'-0"	2.8	173	10	30	18
8'-6"	3.0	187	11	30	18
9'-0"	3.1	200	12	30	18
9'-6"	3.3	205	12	30	18
10'-0"	3.4	219	13	30	18

θ INCLUDES 1% FOR OVERRUN.
NOTE: CONCRETE QUANTITIES INCLUDE VOLUME OCCUPIED BY PIPE.

QUANTITIES FOR ONE INLET

MARK	NO. REQ'D.	DIMENSIONS		LENGTH
		X	Y	
401	4	3'-6"	2'-2"	13'-4"
402	2	3'-4½"	* 2'-6½"	8'-5½"
403	5	2'-½"	* 2'-7"	7'-2½"

* ADD 6 IN. TO THIS DIMENSION FOR EACH 6 IN. INCREASE OF "H" OVER 3 FT.-0 IN.

BAR LIST FOR H = 3 FT.-0 IN.

Computer File Information		Sheet Revisions	
		Date:	Comments
Creation Date: 07/31/19			
Designer Initials: JBK	(R-X)		
Last Modification Date: 07/31/19	(R-X)		
Detailer Initials: LTA	(R-X)		
CAD Ver.: MicroStation V8 Scale: Not to Scale Units: English	(R-X)		

Colorado Department of Transportation
2829 West Howard Place
CDOT HQ, 3rd Floor
Denver, CO 80204
Phone: 303-757-9021 FAX: 303-757-9868
Project Development Branch JBK

CONCRETE INLET TYPE 13

Issued by the Project Development Branch: July 31, 2019

STANDARD PLAN NO.
M-604-13
Standard Sheet No. 1 of 1
Project Sheet Number:

MARCIN ENGINEERING LLC
P.O. BOX 1062
AVON, COLORADO
970-748-0274

CONSTRUCTION DETAILS
MARRIOTT HOTEL PARKING LOT RE-DESIGN
FRISCO, COLORADO

BY | REVISIONS | DATE | NO.



JOB: 26045
DATE: 10.30.2026
SCALE: 1" = 20'

SHEET C-13

DRAWING: C:\Users\Marcin\Marcin Engineering Dropbox\Projects\2026\26045- Marriott Frisco\Dwg\DWG\MARRIOTT DIG CAP v1.dwg