



Item No. 12 Town of Atherton

CITY COUNCIL STAFF REPORT – CONSENT AGENDA

**TO: THE HONORABLE MAYOR AND CITY COUNCIL
GEORGE RODERICKS, CITY MANAGER**

**FROM: LISA COSTA SANDERS, TOWN PLANNER
NEAL MARTIN, PLANNING CONSULTANT**

DATE: OCTOBER 17, 2018

**SUBJECT: SELECTION OF A “PREFERRED ALTERNATIVE” AND TWO
ITERATIONS OF THE ALTERNATIVE FOR ENVIRONMENTAL
EVALUATION FOR A PROPOSED STORMWATER CAPTURE
FACILITY PROJECT AT CARTAN FIELD**

RECOMMENDATION

Approve the staff recommendation to select Cartan Field Stormwater Capture Alternative 3 as the “Preferred Alternative” for further environmental evaluation and reporting and authorize staff to develop two additional iterations of Alternative 3 for analysis in the project environmental document.

BACKGROUND

As authorized by the City Council, the engineering consulting firm Tetra Tech has prepared a series of alternative locations and configurations for a Stormwater Capture Facility at Cartan Field. These alternatives were reviewed with the President of Menlo College and the Menlo School Head of School for their input as property owners.

Selection of a “Preferred Alternative” is necessary in order to complete the environmental evaluation of the project prior to proceeding with public review. The environmental consultant selected to complete the environmental review will use the “Preferred Alternative” to complete the Initial Study and Mitigated Negative Declaration (IS/MND)

ANALYSIS

After reviewing the several alternatives prepared by Tetra Tech, the representatives of the School and College sent an email to the Town Staff indicating that “...alternative #3 is the only scenario that could work for both the College and the School. As we understand the other alternatives, they are all too disruptive for too extended a period of time to make it feasible for us to consider

them.”

Given that the Town would be relying on the College and School to dedicate an easement on their property to facilitate construction of the project, it appears that the only feasible alternative for consideration is Alternative 3. Therefore, Staff is recommending its selection as the “Preferred Alternative”.

The agreement with the environmental consultant to prepare an IS/MND includes an evaluation of up to two additional alternatives. Those will most likely take the form of iterations of Alternative 3 as opposed to different physical locations at Cartan Field.

POLICY FOCUS

The California Environmental Quality Act, California Public Resources Code §21000 et seq requires the preparation and adoption of an environmental document (i.e. EIR, Initial Study and Negative Declaration or Mitigated Negative Declaration, or Exemption) prior to a local agency or State agency approving or carrying out a project subject to its jurisdiction. A Stormwater Capture Facility is a project under the CEQA definition and it is under the jurisdiction of the Town and other State and Federal agencies. Selection of a “preferred alternative” allows for environmental evaluation and reporting on a specific project. The City Council retains the authority to approve, modify or reject the project subsequent to adoption of the CEQA document.

FISCAL IMPACT

All costs associated with this project are paid for by the Town of Atherton from the Stormwater Capture Project budget that may be reimbursed by the State of California.

PUBLIC NOTICE

Public notification was achieved by posting the agenda, with this agenda item being listed, at least 72 hours prior to the meeting in print and electronically. Information about the project is also disseminated via the Town’s electronic News Flash and Atherton Online. There are approximately 1,200 subscribers to the Town’s electronic News Flash publications. Subscribers include residents as well as stakeholders – to include, but be not limited to, media outlets, school districts, Menlo Park Fire District, service providers (water, power, and sewer), and regional elected officials.

COMMISSION/COMMITTEE FEEDBACK/REFERRAL

This item ____ has or X has not been before a Town Committee or Commission.

____ Audit/Finance Committee (meets every other month)

____ Bicycle/Pedestrian Committee (meets as needed)

____ PMC - Civic Center Advisory Committee (meets as needed)

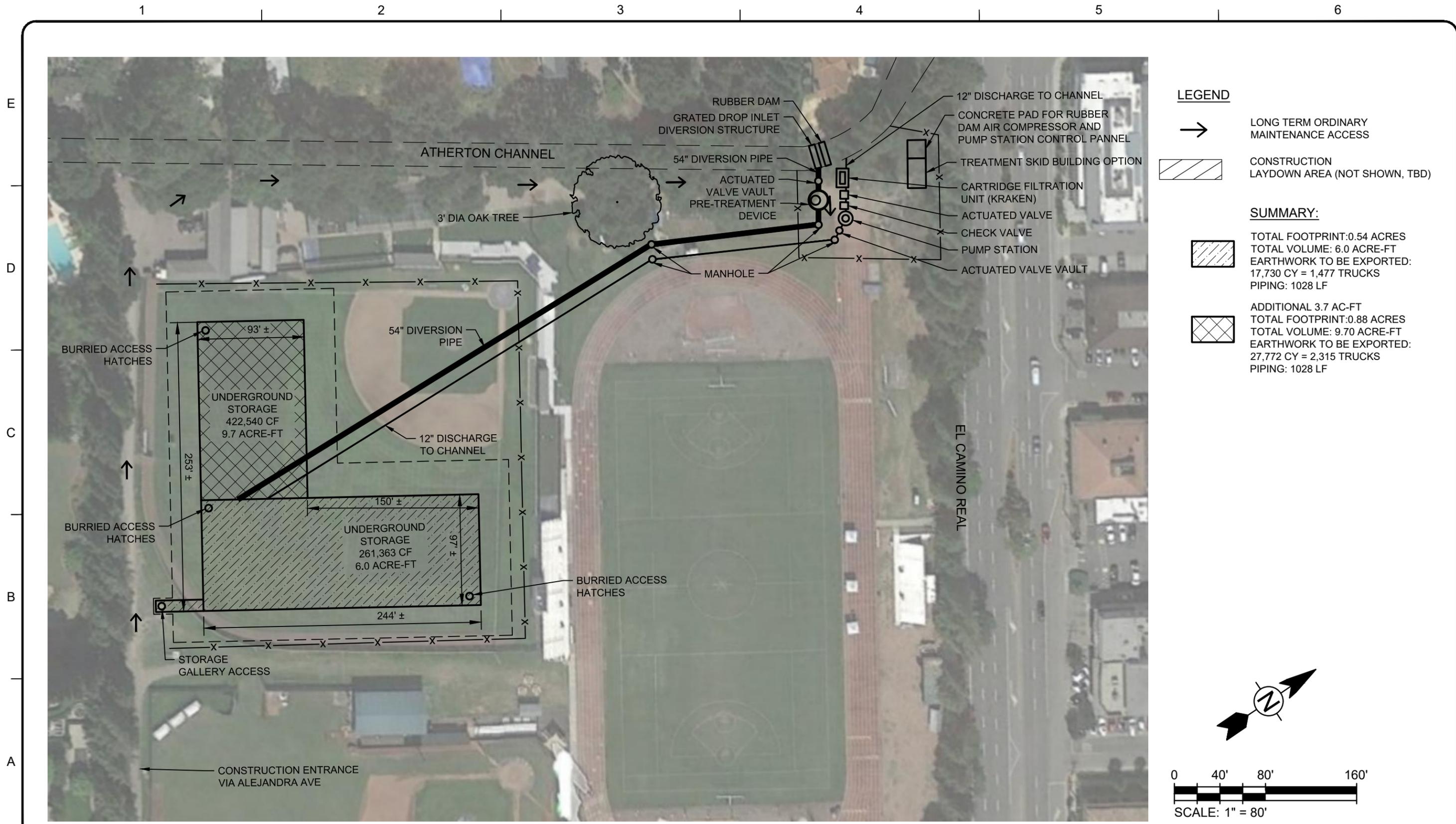
Selection of Preferred Alternative
Stormwater Capture Facility at Cartan Field
October 17, 2018
Page 3 of 3

- Environmental Programs Committee (meets every other month)
- Park and Recreation Committee (meets each month)
- Planning Commission (meets each month)
- Rail Committee (meets every other month)

ATTACHMENTS

1. Tetra Tech Alternatives 1 – 6, September 7, 2018

9/7/2018 2:11:08 PM - \\TTS318FS2\PROJECTS\101297-1801\1\CAD\CONCEPTUAL\CARTAN FIELD\CF-SITE-ALT 1.DWG - MARTIN, ERIC



LEGEND

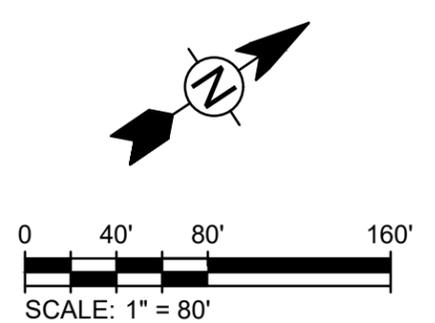
→ LONG TERM ORDINARY MAINTENANCE ACCESS

▨ CONSTRUCTION LAYDOWN AREA (NOT SHOWN, TBD)

SUMMARY:

▨ TOTAL FOOTPRINT: 0.54 ACRES
 TOTAL VOLUME: 6.0 ACRE-FT
 EARTHWORK TO BE EXPORTED: 17,730 CY = 1,477 TRUCKS
 PIPING: 1028 LF

▨ ADDITIONAL 3.7 AC-FT
 TOTAL FOOTPRINT: 0.88 ACRES
 TOTAL VOLUME: 9.70 ACRE-FT
 EARTHWORK TO BE EXPORTED: 27,772 CY = 2,315 TRUCKS
 PIPING: 1028 LF

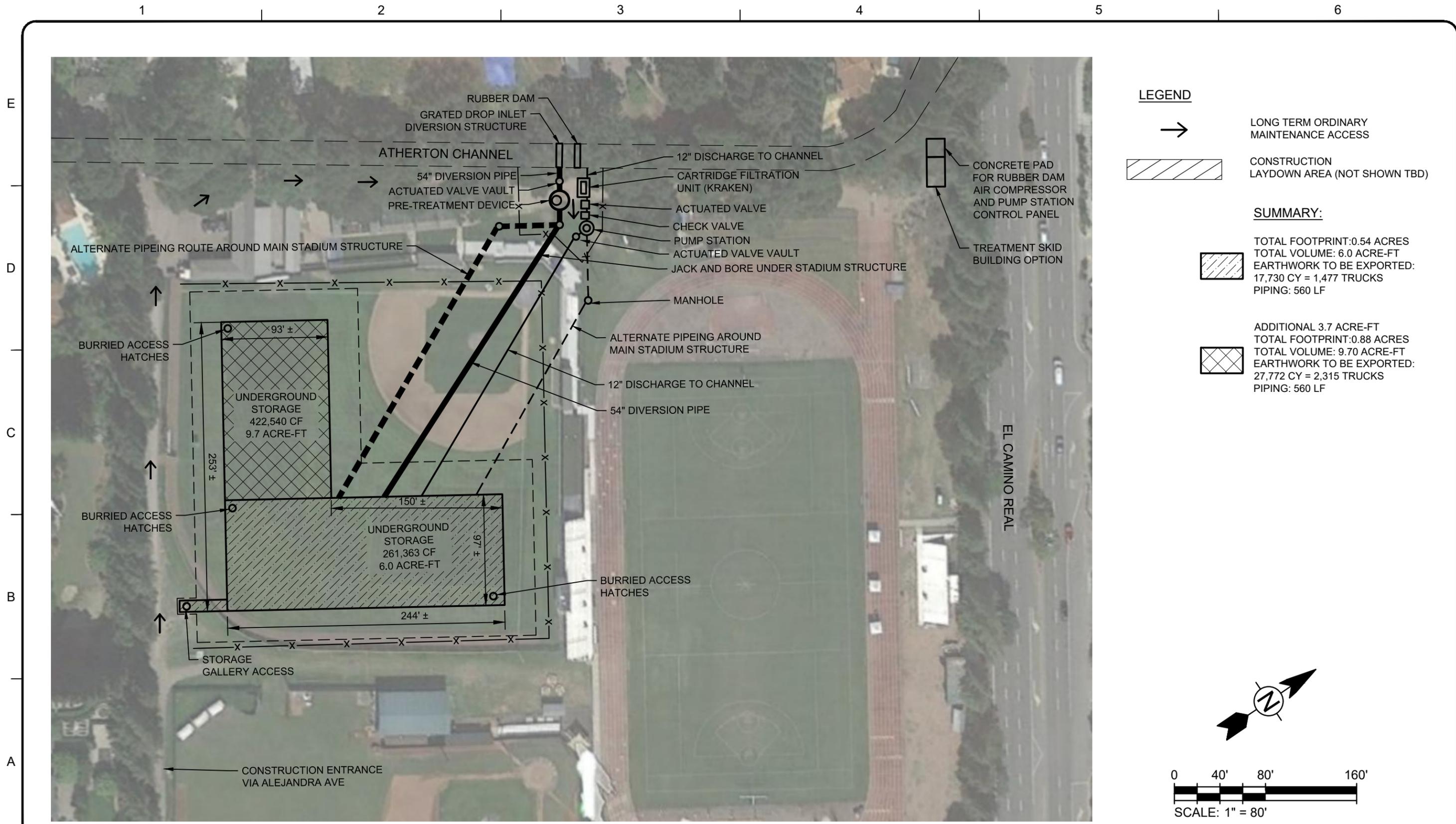


<p>TETRA TECH</p> <p>www.tetrattech.com 3475 E Foothill Blvd. Pasadena, CA 91107</p>	TOWN OF ATHERTON	Project No.: 200-01297-18011
	CARTAN FIELD STORMWATER CAPTURE ALTERNATIVE 1	Designed By: EM
		Drawn By: EM
	Checked By: JF	1 OF 7

Copyright: Tetra Tech

Bar Measures 1 inch

9/7/2018 2:15:49 PM - \\TTS318FS2\PROJECTS\101297\200-01297-1801\1\CAD\CONCEPTUAL\CARTAN FIELD\CF-SITE-ALT 2.DWG - MARTIN, ERIC



LEGEND

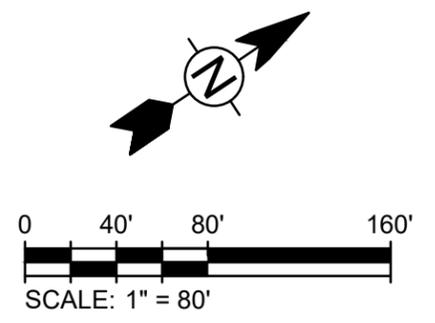
→ LONG TERM ORDINARY MAINTENANCE ACCESS

 CONSTRUCTION LAYDOWN AREA (NOT SHOWN TBD)

SUMMARY:

TOTAL FOOTPRINT: 0.54 ACRES
 TOTAL VOLUME: 6.0 ACRE-FT
 EARTHWORK TO BE EXPORTED: 17,730 CY = 1,477 TRUCKS
 PIPING: 560 LF

ADDITIONAL 3.7 ACRE-FT
 TOTAL FOOTPRINT: 0.88 ACRES
 TOTAL VOLUME: 9.70 ACRE-FT
 EARTHWORK TO BE EXPORTED: 27,772 CY = 2,315 TRUCKS
 PIPING: 560 LF

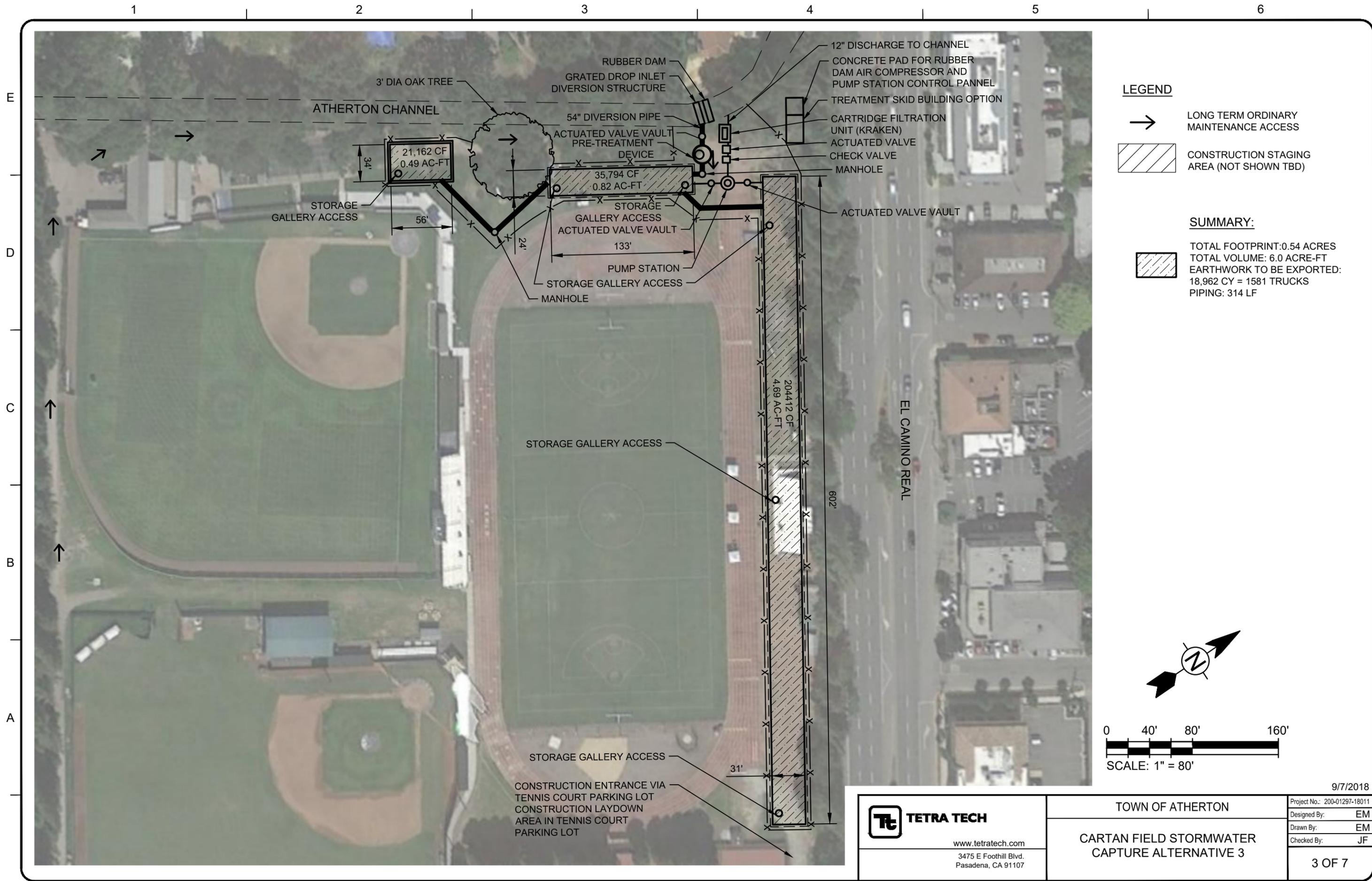


 TETRA TECH www.tetrattech.com 3475 E Foothill Blvd. Pasadena, CA 91107	TOWN OF ATHERTON	Project No.: 200-01297-18011
	CARTAN FIELD STORMWATER CAPTURE ALTERNATIVE 2	Designed By: EM Drawn By: EM Checked By: JF
		2 OF 7

Bar Measures 1 inch

Copyright: Tetra Tech

9/7/2018 2:29:48 PM - \\TTS318FS2\PROJECTS\101297\200-0101297-1801\1\CAD\CONCEPTUAL\CARTAN FIELD\IEH-CF-SITE-ALT 3.DWG - MARTIN, ERIC

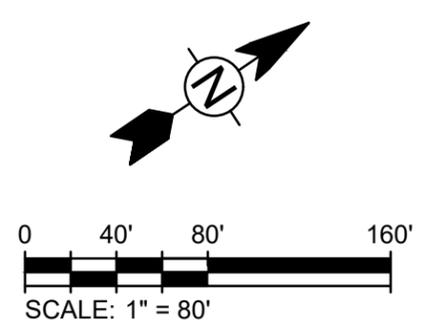


LEGEND

- LONG TERM ORDINARY MAINTENANCE ACCESS
- CONSTRUCTION STAGING AREA (NOT SHOWN TBD)

SUMMARY:

TOTAL FOOTPRINT: 0.54 ACRES
 TOTAL VOLUME: 6.0 ACRE-FT
 EARTHWORK TO BE EXPORTED:
 18,962 CY = 1581 TRUCKS
 PIPING: 314 LF



CONSTRUCTION ENTRANCE VIA
 TENNIS COURT PARKING LOT
 CONSTRUCTION LAYDOWN
 AREA IN TENNIS COURT
 PARKING LOT

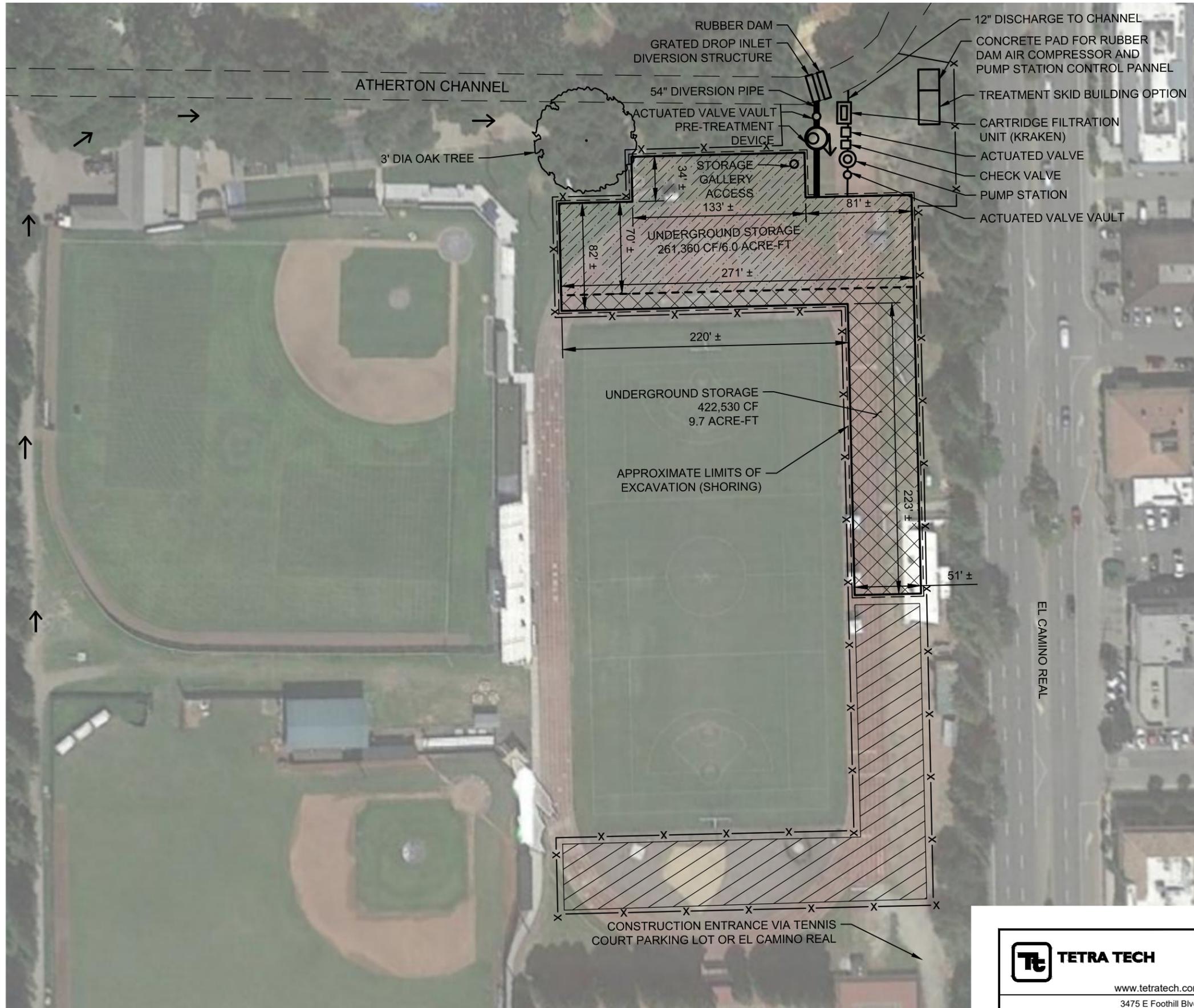
TETRA TECH
 www.tetrattech.com
 3475 E Foothill Blvd.
 Pasadena, CA 91107

TOWN OF ATHERTON
**CARTAN FIELD STORMWATER
 CAPTURE ALTERNATIVE 3**

Project No.:	200-01297-18011
Designed By:	EM
Drawn By:	EM
Checked By:	JF
3 OF 7	

Copyright: Tetra Tech

Bar Measures 1 inch



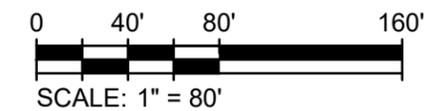
LEGEND

-  LONG TERM ORDINARY MAINTENANCE ACCESS
-  CONSTRUCTION LAYDOWN AREA

SUMMARY:
 ADDITIONAL 3.7 ACRES
 TOTAL FOOTPRINT: 0.54 ACRES
 TOTAL VOLUME: 6.0 ACRE-FT
 EARTHWORK TO BE EXPORTED:
 17,532 CY = 1,462 TRUCKS
 PIPELINE: 84 LF



TOTAL FOOTPRINT: 0.88 ACRES
 TOTAL VOLUME: 9.70 ACRE-FT
 EARTHWORK TO BE EXPORTED:
 28,350 CY = 2,363 TRUCKS
 PIPING: 84 LF



9/7/2018 2:55:32 PM - \\TTS318FS2\PROJECTS\01297-18011\CAD\CONCEPTUAL\CARTAN FIELD\H-CF-SITE-ALT 4.DWG - MARTIN, ERIC

9/7/2018

TETRA TECH
 www.tetrattech.com
 3475 E Foothill Blvd.
 Pasadena, CA 91107

TOWN OF ATHERTON
CARTAN FIELD STORMWATER CAPTURE ALTERNATIVE 4

Project No.:	200-01297-18011
Designed By:	EM
Drawn By:	EM
Checked By:	JF
4 OF 7	

Copyright: Tetra Tech

Bar Measures 1 inch

1

2

3

4

5

6

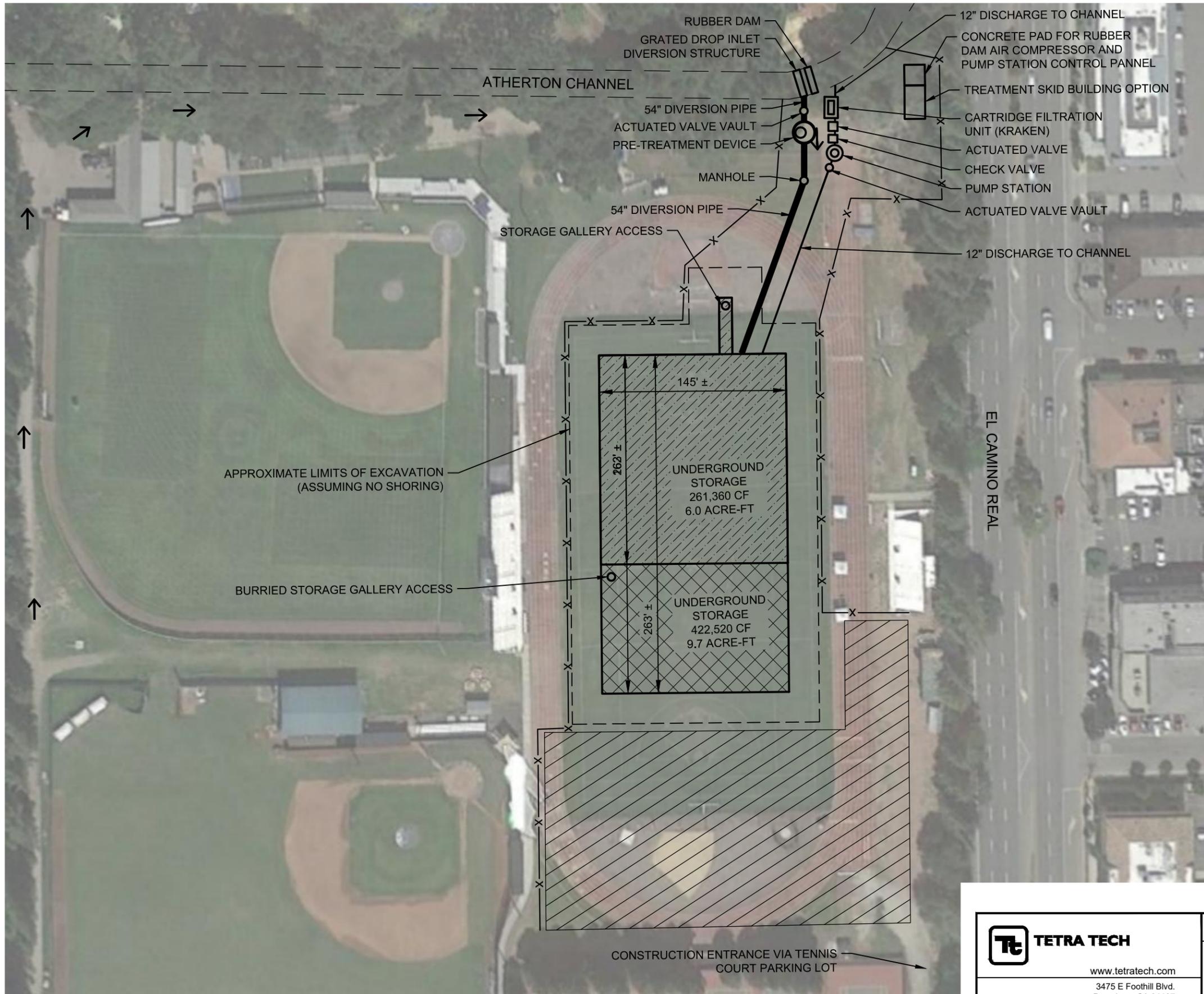
E

D

C

B

A



LEGEND

→ LONG TERM ORDINARY MAINTENANCE ACCESS

[Hatched Box] CONSTRUCTION LAYDOWN AREA

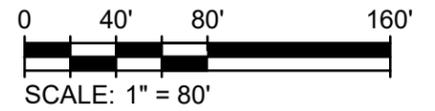
SUMMARY:

TOTAL FOOTPRINT: 0.54 ACRES
TOTAL VOLUME: 6 ACRE-FT
EARTHWORK TO BE EXPORTED: 17,346 CY = 1,446 TRUCKS
PIPING: 348 LF

[Hatched Box]

[Cross-hatched Box]

ADDITIONAL 3.7 ACRE-FT
TOTAL FOOTPRINT: 1.07 ACRES
TOTAL VOLUME: 9.70 ACRE-FT
EARTHWORK TO BE EXPORTED: 27,780 CY = 2,315 TRUCKS
PIPING: 348 LF



9/7/2018 3:04:23 PM - \\TTS318FS2\PROJECTS\01297-18011\CAD\CONCEPTUAL\CARTAN FIELD\EH-CF-SITE-ALT 5.DWG - MARTIN, ERIC

9/7/2018

TETRA TECH
www.tetrattech.com
3475 E Foothill Blvd.
Pasadena, CA 91107

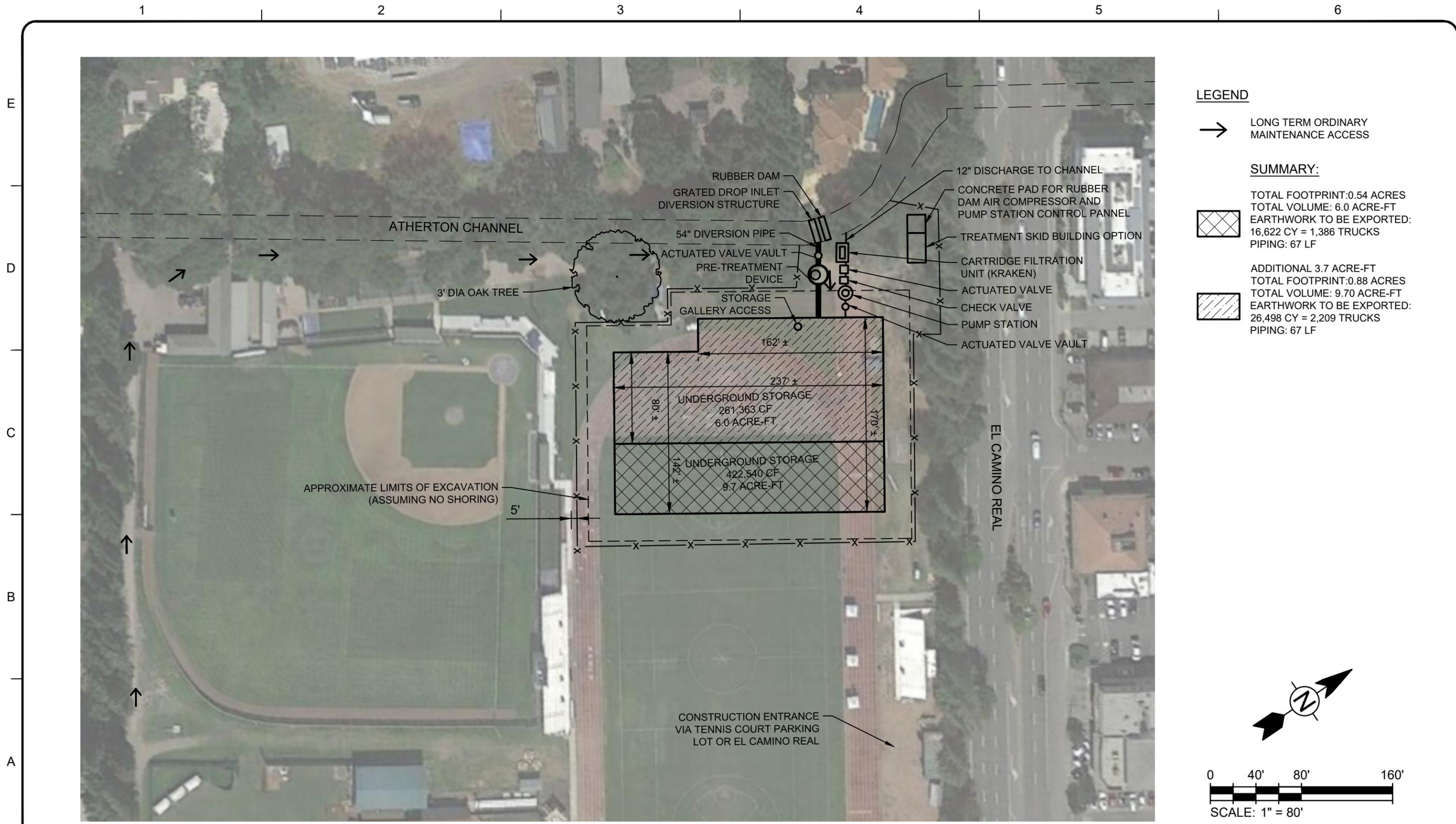
TOWN OF ATHERTON	Project No.: 200-01297-18011
CARTAN FIELD STORMWATER CAPTURE ALTERNATIVE 5	Designed By: EM
	Drawn By: EM
	Checked By: JF

5 OF 7

Copyright: Tetra Tech

Bar Measures 1 inch

9/7/2018 3:14:58 PM - \\TTS318FS2\PROJECTS\101297-1801\1\CAD\CONCEPTUAL\CARTAN FIELD\EH-CF-SITE-ALT 6.DWG - MARTIN, ERIC



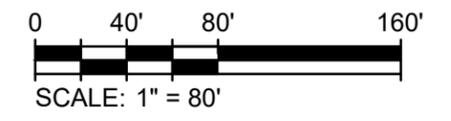
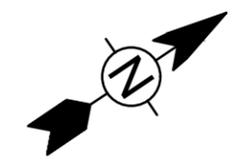
LEGEND

→ LONG TERM ORDINARY MAINTENANCE ACCESS

SUMMARY:

TOTAL FOOTPRINT: 0.54 ACRES
 TOTAL VOLUME: 6.0 ACRE-FT
 EARTHWORK TO BE EXPORTED: 16,622 CY = 1,386 TRUCKS
 PIPING: 67 LF

ADDITIONAL 3.7 ACRE-FT
 TOTAL FOOTPRINT: 0.88 ACRES
 TOTAL VOLUME: 9.70 ACRE-FT
 EARTHWORK TO BE EXPORTED: 26,498 CY = 2,209 TRUCKS
 PIPING: 67 LF



TETRA TECH
 www.tetratech.com
 3475 E Foothill Blvd.
 Pasadena, CA 91107

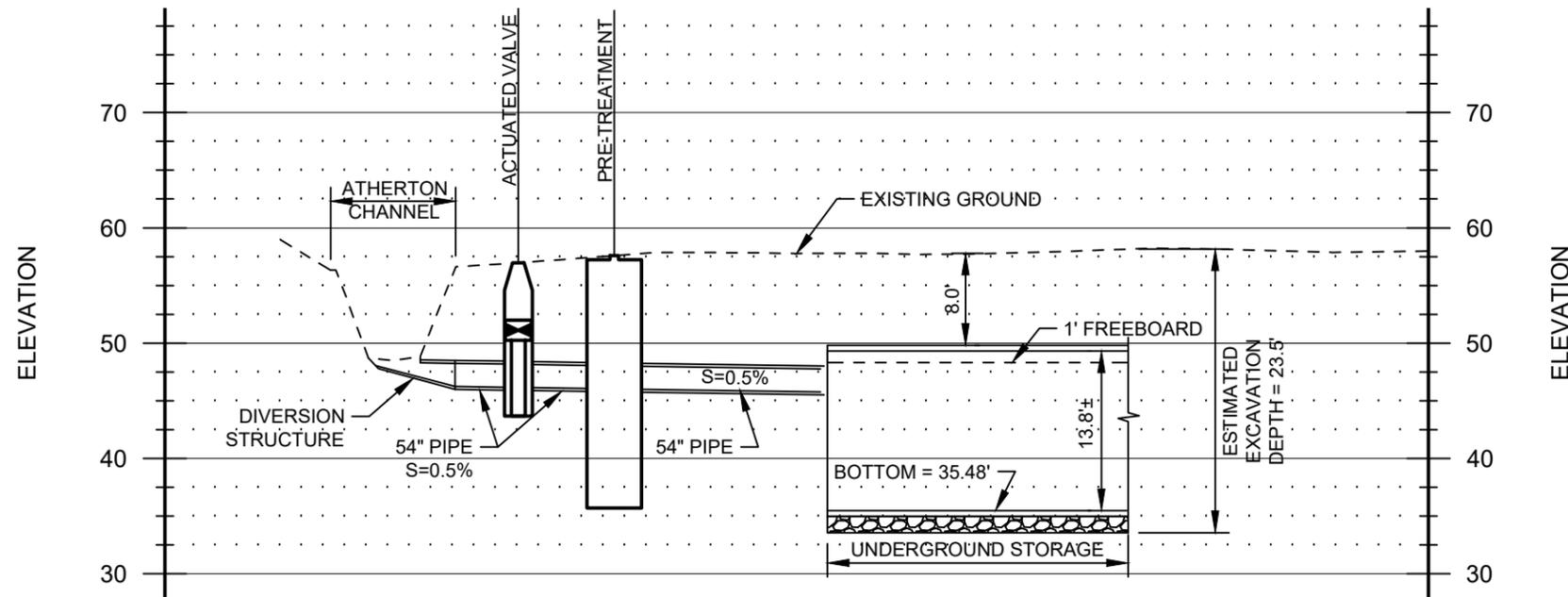
TOWN OF ATHERTON
CARTAN FIELD STORMWATER CAPTURE ALTERNATIVE 6

Project No.:	200-01297-18011
Designed By:	EM
Drawn By:	EM
Checked By:	JF
6 OF 7	

Copyright: Tetra Tech

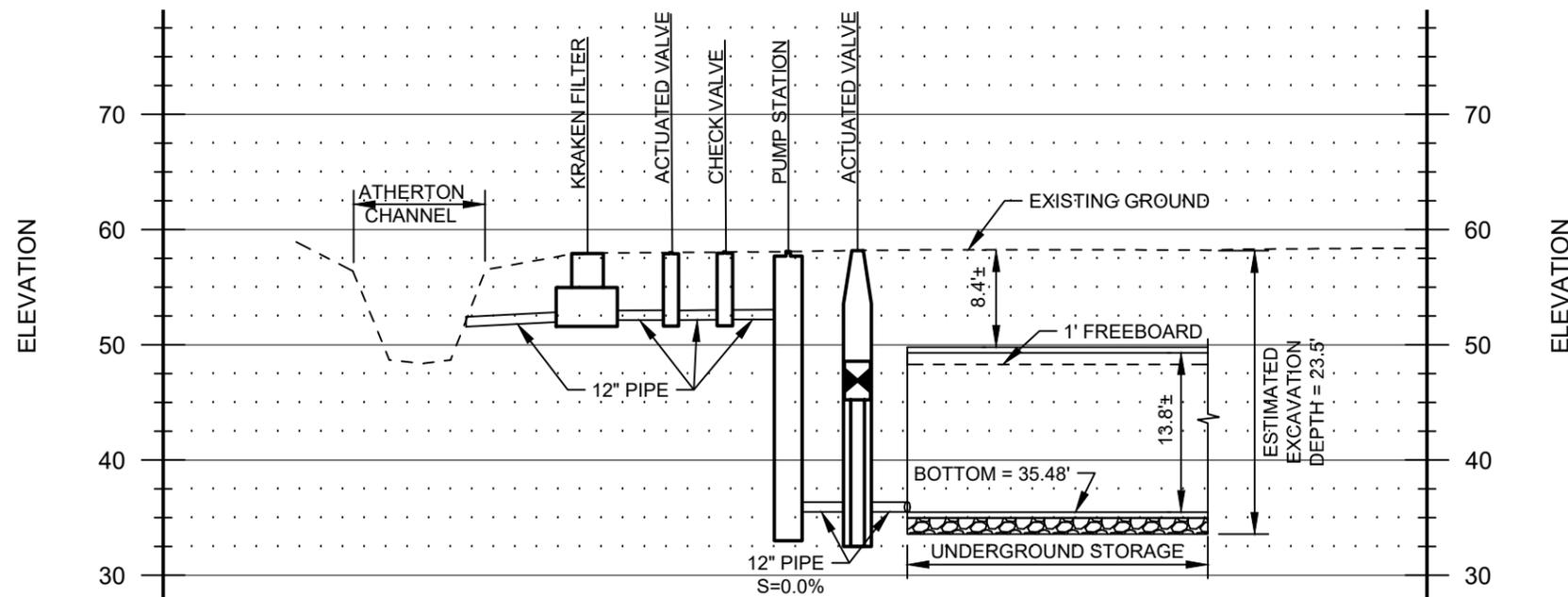
Bar Measures 1 inch

9/7/2018 3:51:37 PM - \\TTS318FS2\PROJECTS\101297\200-01297-1801\1\CAD\CONCEPTUAL\CARTAN FIELD\C-UT-CARTAN CHNL.DWG - MARTIN, ERIC



DIVERSION PROFILE

HORIZ. SCALE: 1" = 30'
VERT. SCALE: 1" = 15'



RETURN LINE PROFILE

HORIZ. SCALE: 1" = 30'
VERT. SCALE: 1" = 15'

TETRA TECH
www.tetratech.com
3475 E Foothill Blvd.
Pasadena, CA 91107

TOWN OF ATHERTON
STORMWATER CAPTURE PROFILE
ATHERTON CHANNEL
CARTAN FIELD

Project No.:	200-01297-18011
Designed By:	EM
Drawn By:	EM
Checked By:	JF
7 OF 7	

Copyright: Tetra Tech

Bar Measures 1 inch