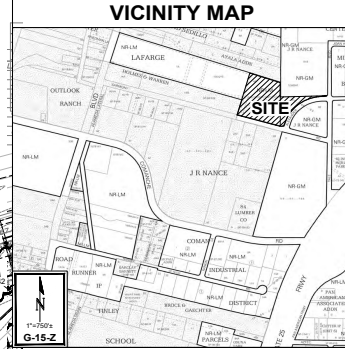
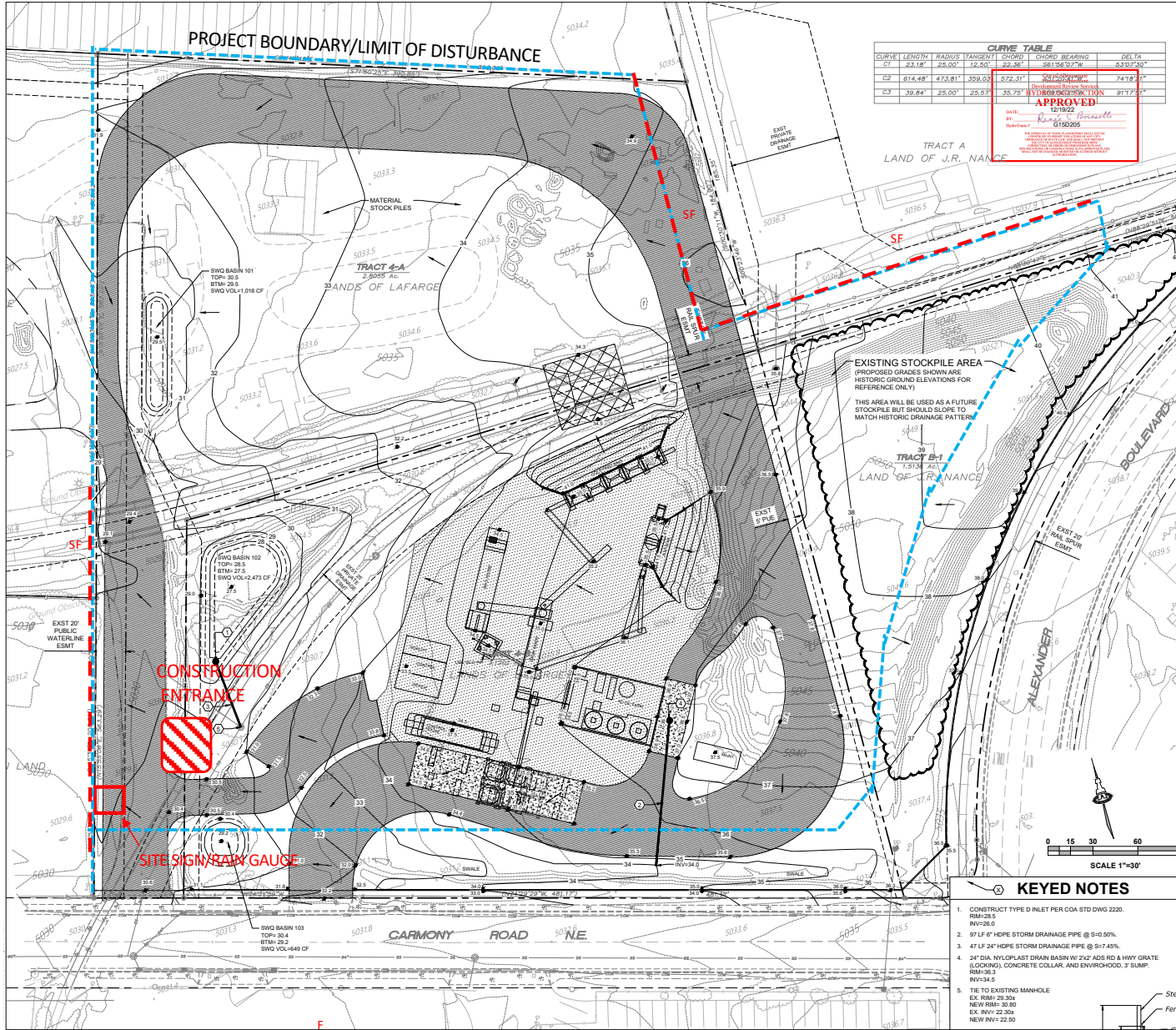


TESCP



PROJECT INFORMATION

PROPERTY: THE SITE IS A PREVIOUSLY DEVELOPED PROPERTY LOCATED WITHIN C.O.A. VICINITY MAP G-15. THE SITE IS BOUND TO THE EAST BY ALEXANDER BLVD. NE, TO THE SOUTH BY CARMONY RD. NE, TO THE NORTH AND WEST BY DEVELOPED COMMERCIAL PROPERTIES.

PROPOSED IMPROVEMENTS: THE PROPOSED IMPROVEMENTS INCLUDE AN ASPHALT BATCH PLANT, MATERIAL STOCKPILES, AND ROADWAYS. THE ASPHALT BATCH PLANT EQUIPMENT IS MODULAR AND MOBILE BUT WILL BE PLACED ON FOUNDATION PADS. THE AREA UNDER AND AROUND THE PLANT EQUIPMENT WILL BE ASPHALT.

LEGAL: TRACTS 4-A AND 4-B, LANDS OF LAFARGE AND TRACT B-1, LAND OF J.R. NANCE.

SITE AREA: 7.4393 AC.

BENCHMARK: VERTICAL DATUM IS BASED UPON ALBUQUERQUE CONTROL SURVEY MONUMENT NM47-107. ELEVATION = 4670.252 FEET (NAVD 88).

OFF-SITE: NO OFF-SITE DRAINAGE AFFECTS THIS PROPERTY. THE FLOWS FROM THE ADJACENT PROPERTY TO THE NORTHEAST (TRACT A) HAS CONVEYED THROUGH THIS PROPERTY IN A PRIVATE STORM DRAIN.

FLOOD HAZARD: THE SUBJECT PROPERTY APPEARS TO LIE WITHIN "ZONE X" (AREA WITH REDUCED FLOOD RISK DUE TO LEVEE) AS SHOWN ON NATIONAL FLOOD INSURANCE PROGRAM FLOOD INSURANCE RATE MAP NUMBERS 35001C0119G, EFFECTIVE DATE SEPTEMBER 26, 2008 AND 35001C0138H, EFFECTIVE DATE AUGUST 16, 2012.

DRAINAGE PLAN CONCEPT: BASED ON A PREDESIGN MEETING WITH COA HYDROLOGY, (RENEE BRISSETTE - SENIOR ENGINEER) THE PROPERTY IS PERMITTED FREE DISCHARGE TO THE PUBLIC STREETS AND THE EXISTING PUBLIC STORM DRAINS THAT ARE WITHIN THE PROPERTY AND IN CARMONY ROAD NE.

SURVEYOR: RUSS P. HUGG, NMP# NO. 9750, SURV-TEK, INC.

STORMWATER QUALITY PONDS

BASED ON HISTORICAL GOOGLE IMAGERY, THIS PROPERTY HAS BEEN PREVIOUSLY DEVELOPED AS A COMMERCIAL BUSINESS FOR REDEVELOPMENT SITES. THE CABO STORMWATER QUALITY VOLUME (SWQV) IS BASED ON THE 80TH PERCENTILE STORM EVENT OR 0.26".

THE ESTIMATED IMPERVIOUS AREA FOR THIS PROPERTY IS CALCULATED AS 45% OF TOTAL AREA (0.45 * 7.4393 AC * 43,560 FT²/AC) = 144,461 SF. THE TOTAL REQUIRED S.O. RETENTION VOLUME = 0.26" * 144,461 SF = 3,756 CF. THIS MAY CHANGE DEPENDING ON THE FINAL IMPERVIOUS AREA TO BE CONSTRUCTED WITHIN EACH BASIN.

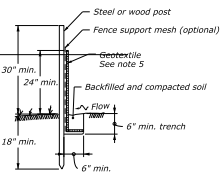
THE SWQ BASIN 101 WILL CAPTURE THE REQUIRED SWQ VOLUME OF 549 CF FROM BASIN 101. THE SWQ BASIN 102 WILL CAPTURE THE REQUIRED SWQ VOLUME OF 2,056 CF FROM BASIN 102. THE SWQ BASIN 103 WILL CAPTURE THE REQUIRED SWQ VOLUME OF 525 CF FROM BASIN 103.

PRIOR TO BUILDING PERMIT APPROVAL, A "PAYMENT IN LIEU FOR S.O. VOLUME REQUIREMENT" TREASURY DEPOSIT SLIP MAY BE PROVIDED BY C.O.A. HYDROLOGY BASED ON THE PORTION OF S.O. VOLUME (0.26" / CF) THAT IS NOT RETAINED ON-SITE. A COPY OF THE PAID RECEIPT WILL BE REQUIRED PRIOR TO RECEIVING HYDROLOGY APPROVAL FOR BUILDING PERMIT.

A DRAINAGE COVENANT MAY BE REQUIRED FOR THE SWQ POND AND THEIR OUTFALL STRUCTURES. IF SO, THE ORIGINAL NOTARIZED FORM, EXHIBIT A (LEGIBLE ON 8.5X11") AND RECORDING FEE (PAYABLE TO CITY OF ALBUQUERQUE) WILL BE SUBMITTED AS DIRECTED.

KEYED NOTES

1. CONSTRUCT TYPE D INLET PER COA STD DWG 2225. RIM=29.50. INV=29.0.
2. 97 LF 6" HDPE STORM DRAINAGE PIPE @ S=0.50%.
3. 47 LF 24" HDPE STORM DRAINAGE PIPE @ S=7.45%.
4. 24" DIA. NYLOPLAST DRAIN BASIN W/ 2'x2' ADS RD & HWY GRATE (LOOKING) CONCRETE COLLAR AND ENVRICHOD 3.0 BUMP. RIM=30.3. INV=29.5.
5. TIE TO EXISTING MANHOLE. EX. RIM=29.50. NEW RIM=30.30. EX. INV=22.30. NEW INV=22.50.



BMP LEGEND:
-SILT FENCE - - - - - SF
-LIMITS OF DISTURBANCE - - - - -

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505-266-8828 | www.isaai.com

RESERVE L. DOWNEY
NEW YORK STATE
15088
Professional Engineer
12/01/2022

TLC BATCH PLANT
705 Carmony Road NE

No.	Date	Description
1		DESIGN
2		ISSUE DEVELOPMENT
3		PROJECT NUMBER: 14245
4		FILED
5		DRAWN BY: RPH
6		CHECKED BY: PCA
7		DATE: 04/20/22

POST AND GEOTEXTILE INSTALLATION DETAIL

ESC Plan Standard Notes (2021-03-24)

1. All Erosion and Sediment Control (ESC) work on these plans, except as otherwise stated or provided hereon shall be permitted, constructed, inspected, and maintained in accordance with:
 - a. The City Ordinance § 14-5-2-11, the ESC Ordinance,
 - b. The EPA's 2017 Construction General Permit (CGP), and
 - c. The City Of Albuquerque Construction BMP Manual.
2. All BMP's must be installed prior to beginning any earth moving activities except as specified hereon in the Phasing Plan. Construction of earthen BMP's such as sediment traps, sediment basins, and diversion berms shall be completed and inspected prior to any other construction or earthwork. Self-inspection is required after installation of the BMPs and prior to beginning construction.
3. Self-inspections - At a minimum a routine compliance self-inspection is required to review the project for compliance with the Construction General Permit once every 14 days and after any precipitation event of 1/4 inch or greater until the site construction has been completed and the site determined as stabilized by the city. Reports of these inspections shall be kept by the person or entity authorized to direct the construction activities on the site and made available upon request.
4. Corrective action reports must be kept by the person or entity authorized to direct the construction activities on the site and made available upon request.
5. Stabilization reports must be kept by the person or entity authorized to direct the construction activities on the site and made available upon request. Reports should include records of weed removal per City Ordinance (§ 9-8-1), sterilization, soil test results and recommendation, materials and manufacturer's specifications for application rates, estimated functional longevity, methods of application, inspection and maintenance. The reduced self-inspection schedule in CGP 4.4.1 applies to stabilized area and any damaged or worn stabilization must be identified in the reports along with weed problems. Corrective actions for stabilization shall be documented in a stabilization report including actual rates and dates of stabilization, and the materials and manufacturer's specifications used.
6. BMPs shall be inspected and maintained until all disturbed areas are stabilized in accordance with the Final Stabilization Criteria (CGP 2.2.14.b). Generally, all disturbed areas, other than structures and impervious surfaces, must have uniform perennial vegetation that provides 70 percent or more of the cover provided by native vegetation or seed the disturbed area and provide non-vegetative mulch that provides cover for at least three years without active maintenance. Final stabilization must be approved by the City of Albuquerque prior to removal of BMPs and discontinuation of inspections.