CITY OF ALBUQUERQUE

Planning Department Alan Varela, Director



Mayor Timothy M. Keller

April 20, 2023

Fred C. Arfman, PE Isaacson & Arfman, Inc 128 Monroe Street NE, Albuquerque, NM 87108

RE: Avanyu North Buildings G & H Northwesterly Portion of all Indian Pueblo Council Property (formerly Albuquerque Indian School) 2500 12th Street NW Grading & Drainage Plan Engineers Stamp Date: 04/10/2023 Hydrology File: H13D113

Dear Mr. Arfman, PO Box 1293 Based upon the information provided in your submittal received 4/11/2023, the Grading & Drainage Plan is approved for Building Permit approval. Please attach a copy of this approved plan in the construction sets for Building Permit processing along with a copy of Albuquerque this letter. PRIOR TO CERTIFICATE OF OCCUPANCY: NM 87103 Engineer's Certification, per the DPM Part 6-14 (F): Engineer's Certification Checklist For Non-Subdivision is required. www.cabq.gov As a reminder, if the project total area of disturbance (including the staging area and any work within the adjacent Right-of-Way) is 1 acre or more, then an Erosion and Sediment Control (ESC) Plan and Owner's certified Notice of Intent (NOI) is required to be submitted to the Stormwater Quality Engineer (Doug Hughes, PE, jhughes@cabq.gov, 505-924-3420)

14 days prior to any earth disturbance.

If you have any questions, please contact me at 505-924-3695 or tchen@cabq.gov.

Sincerely,

Che lieque

Tiequan Chen, P.E. Principal Engineer, Hydrology Planning Department, Development Review Services



City of Albuquerque

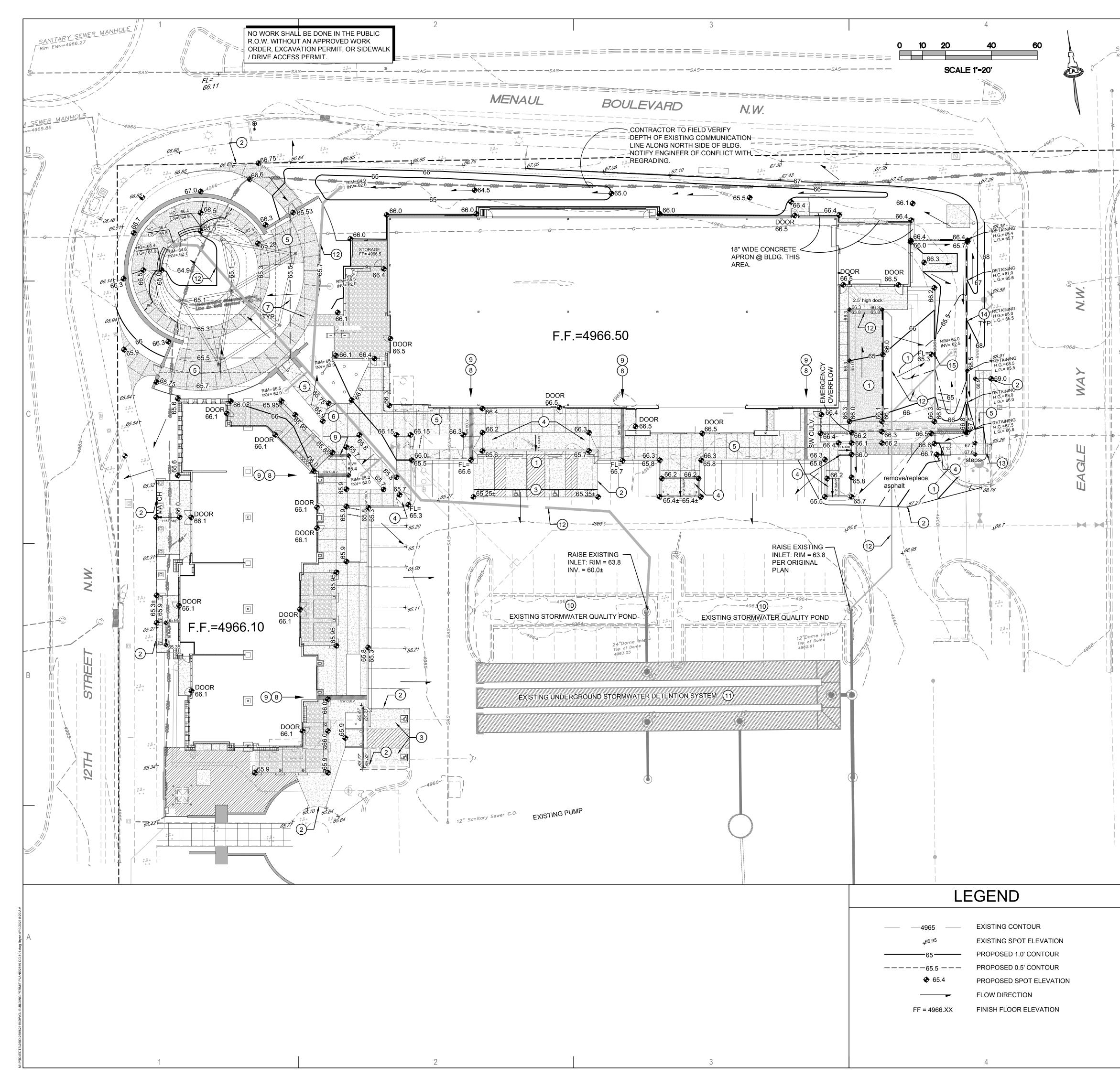
Planning Department

Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET

Avanyu North Project Title: Buildings G & H	Building Permit #	Hydrology File # H13D113
÷	 EPC#	
Legal Description: <u>Northwesterly Portion</u> Pueblo Council Property (formerly Albuqu	of all Indian City Addres uerque Indian School)	s OR Parcel 2500 12th Street NW
Applicant/Agent: Isaacson & Arfman, Inc	c. Contact: Fr	ed C. Arfman or Bryan J. Bobrick
Address: 128 Monroe Street NE		(505) 268-8828
Email: freda@iacivil.com or byanb@iaciv	vil.com	•••••
Applicant/Owner:		
Address:	Phone:	
Email:	· · · · · · · · · · · · · · · · · · ·	
TYPE OF DEVELOPMENT:PLAT (#of RE-SUBMITTAL:X_YES NO	lots)RESIDENCED	RB SITE X ADMIN SITE:
DEPARTMENT:TRANSPORTATI	ON X HYDROLOGY	//DRAINAGE
Check all that apply:		
TYPE OF SUBMITTAL:	TYPE OF APPROV	AL/ACCEPTANCE SOUGHT:
ENGINEER/ARCHITECT CERTIFICATIO	N X BUILDING	B PERMIT APPROVAL
PAD CERTIFICATION	CERTIFIC	ATE OF OCCUPANCY
CONCEPTUAL G&D PLAN	CONCEPT	UAL TCL DRB APPROVAL
X GRADING PLAN	PRELIMIN	ARY PLAT APPROVAL
DRAINAGE REPORT	SITE PLAN	N FOR SUB'D APPROVAL
DRAINAGE MASTER PLAN	SITE PLAN	N FOR BLDG PERMIT APPROVAL
FLOOD PLAN DEVELOPMENT PERMIT A	APPFINAL PL.	AT APPROVAL
ELEVATION CERTIFICATE	SIA/RELE	ASE OF FINANCIAL GUARANTEE
CLOMR/LOMR	FOUNDAT	TION PERMIT APPROVAL
TRAFFIC CIRCULATION LAYOUT (TCL)	GRADING	PERMIT APPROVAL
ADMINISTRATIVE	SO-19 APF	PROVAL
TRAFFIC CIRCULATION LAYOUT FOR I		ERMIT APPROVAL
APPROVAL	GRADING	PAD CERTIFICATION
TRAFFIC IMPACT STUDY (TIS)	WORK OR	DER APPROVAL
STREET LIGHT LAYOUT	CLOMR/L	
OTHER (SPECIFY)		AN DEVELOPMENT PERMIT
PRE-DESIGN MEETING?	OTHER (S	PECIFY)

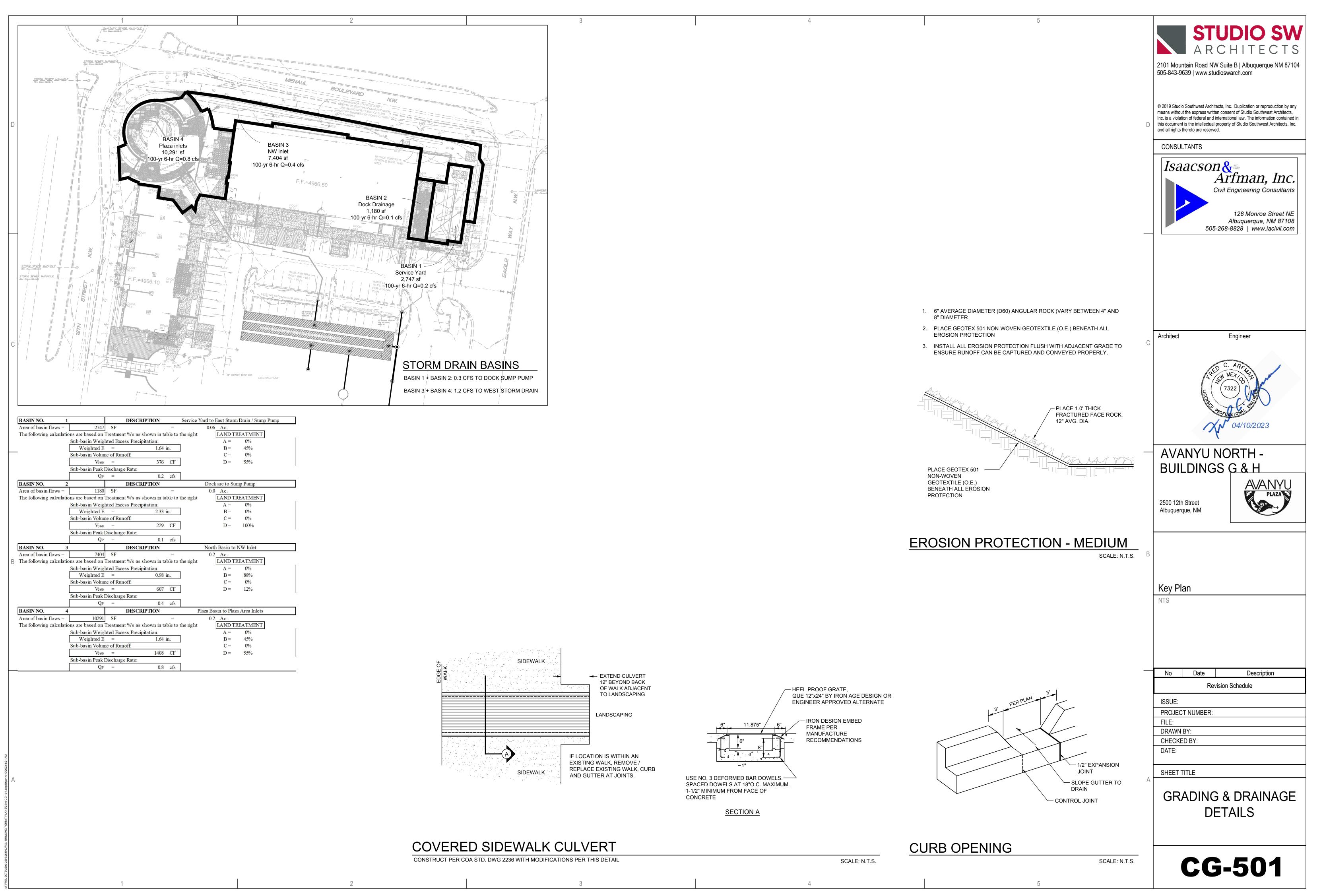
DATE SUBMITTED: _____ April 10, 2023

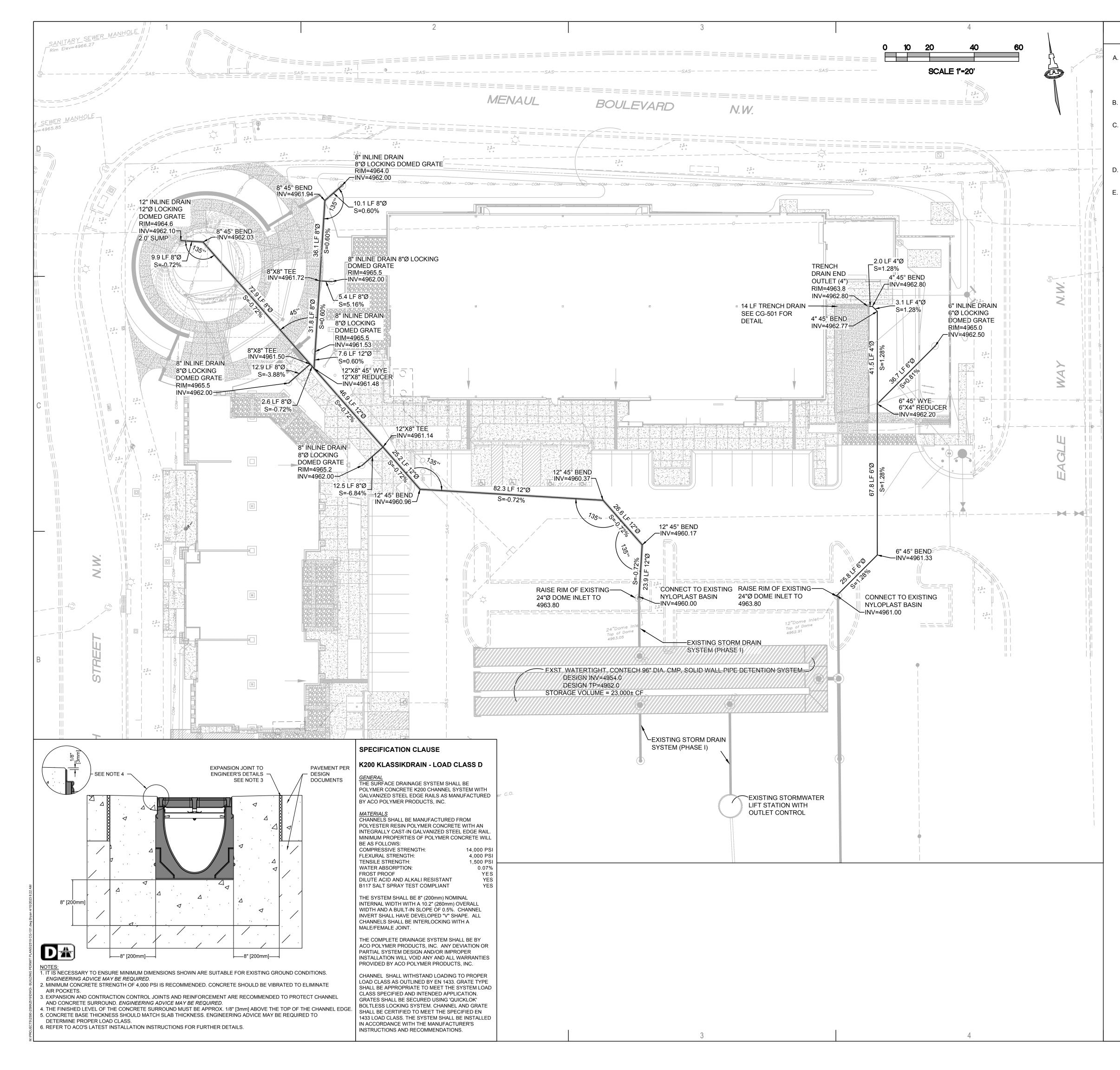


01.dwg Bryan 4/10/20

VICINITY MAP H-13	STUDIO SW
Image: Name	ARCHITECTS
Image: Non-State Constraint A POBLANA Image: Non-State Constraint Image: Non-State Constrate Image: Non-State Constraint <t< th=""><th>2101 Mountain Road NW Suite B Albuquerque NM 87104 505-843-9639 www.studioswarch.com</th></t<>	2101 Mountain Road NW Suite B Albuquerque NM 87104 505-843-9639 www.studioswarch.com
Image: All of the second of	© 2019 Studio Southwest Architects, Inc. Duplication or reproduction by any means without the express written consent of Studio Southwest Architects, Inc. is a violation of federal and international law. The information contained in this document is the intellectual property of Studio Southwest Architects, Inc. and all rights thereto are reserved.
VALLEY APARTMENTS P-98-18 P-08-18 P-08-18 P-08-18 PD PD PD PD PD PD PD PD PD PD	Isaacson & Arfman, Inc. Civil Engineering Consultants
1"=750'± H-13-Z	128 Monroe Street NE Albuquerque, NM 87108 505-268-8828 www.iacivil.com
KEYED NOTES	City of Albuquerque Planning Department Development Review Services
 CONSTRUCT NEW PAVING AT ELEVATIONS SHOWN. SEE PAVING PLAN FOR MATERIAL, EXTENTS, JOINTS, CURB & GUTTER EXTENTS, AND PAVING SECTIONS. NOTE: TO ENSURE READABILITY, NOT ALL PAVEMENT SPOT ELEVATIONS SHOW ADJACENT TOP OF CURB / TOP OF WALK ELEVATIONS. TEXT SHOWN WITHIN FLOWLINE INDICATES FLOWLINE ELEVATION. ADD 0.5' TYPICAL FOR TOP OF CURB / TOP OF ADJACENT WALK ELEVATIONS UNLESS NOTED. PROVIDE SMOOTH TRANSITION TO EXISTING PAVEMENT. 	HYDROLOGY SECTION APPROVED DATE: 4/20/2023 BY: 4/20/2023 BY: HI3D113 HydroTrans # H13D113 ME APPROVAL OF THESE PLANS/REPORT SHALL NOT BE CONSTRUED TO PERMIT VIOLATIONS OF ANY CITY ORDNANCE OR STATE LAW, AND SHALL NOT PREVENT THE APPROVAL OF THESE PLANS/REPORT SHALL NOT BE CONSTRUED TO PERMIT VIOLATIONS OF ANY CITY ORDNANCE OR STATE LAW, AND SHALL NOT PREVENT THE CONSTRUED ON DIMENSIONS IN PLANS, SPECIFICATIONS, OR CONSTRUCTIONS, SUCH APPROVED PLANS SHALL NOT BE CHANGED, MODIFIED OR ALTERED WITHOUT AUTHORIZATION.
3. SLOPE WITHIN ACCESSIBLE PARKING AREAS TO BE ADA COMPLAINT. SLOPE SHALL NOT EXCEED 2% SLOPE IN ANY DIRECTION	Architect Engineer
4. CONSTRUCT ADA COMPLIANT RAMP. LONGITUDINAL SLOPE SHALL NOT EXCEED 12:1 (8.3%). CROSS SLOPE SHALL NOT EXCEED 2%.	
5. CONSTRUCT ADA COMPLIANT PEDESTRIAN WALK AT ELEVATIONS SHOWN. LONGITUDINAL SLOPE SHALL NOT EXCEED 20:1 (5%). CROSS SLOPE SHALL NOT EXCEED 2%.	C. ARAMANA C. ARAMANA C. ARAMANA KIN MEXICA TO TOO
 HIGH POINT / GRADE BREAK LOCATION. 0.5' () AND 0.1' () DESIGN CONTOURS ARE SHOWN DASHED 	
 WHERE NECESSARY TO CLARIFY GRADING CONCEPT. 8. CONCENTRATED ROOF DISCHARGE DIRECTION. NO MAIN ROOF AREA MAY DISCHARGE TO 12TH STREET OR MENALLY REVUS 	04/10/2023
 DISCHARGE TO 12TH STREET OR MENAUL BLVD. 9. CONSTRUCT 1.5' WIDE (BOTTOM WIDTH) COVERED SIDEWALK CULVERT TO PASS CONCENTRATED ROOF DISCHARGE TO PAVEMENT. SEE ARCHITECTURAL FOR SPECIFIC ROOF DISCHARGE LOCATIONS. CONSTRUCT PER COA STD. DWG. 2236. SEE CG-501 FOR ADDITIONAL INFORMATION. 	AVANYU NORTH -
 EXISTING STORMWATER QUALITY RETENTION POND CONTRACTOR TO PROTECT ALL EXISTING UTILITIES INCLUDING STORM DRAIN SYSTEM AND UNDERGROUND STORMWATER DETENTION SYSTEM THIS AREA. 	2500 12th Street
 CONSTRUCT PRIVATE STORM DRAIN SYSTEM. SEE SHEET CG-502 FOR SIZES / SLOPES / INLET INFORMATION / MATERIALS. CONSTRUCT CONCRETE STEPS TO ACHIEVE REQUIRED GRADE DIFFERENCE. SEE ARCHITECTURAL FOR DETAILS. 	Albuquerque, NM
14. SERVICE YARD LOWER THAN SURROUNDING GRADE. RETAINING AT WALL REQUIRED. H.G. = HIGH SIDE GRADE, L.G. = LOW SIDE GRADE TO DETERMINE REQUIRED RETAINING.	
15. PROVIDE 1.5' WIDE (BOTTOM WIDTH) CURB OPENING TO PASS FLOW TO LANDSCAPE. INSTALL 3'X3'X8" DEEP EROSION PROTECTION AT OPENING.	
	Key Plan
PROJECT INFORMATION	
PROPERTY: THE SITE IS A PREVIOUSLY DEVELOPED PROPERTY LOCATED WITHIN C.O.A. VICINITY MAP H-13. THE SITE IS BOUND TO THE EAST BY EAGLE WAY NW, TO THE SOUTH BY DEVELOPED COMMERCIAL PROPERTY, TO THE NORTH BY MENAUL BLVD. NW AND TO THE WEST BY 12TH STREET NW.	
PROPOSED IMPROVEMENTS: THE PROPOSED IMPROVEMENTS INCLUDE TWO COMMERCIAL BUILDINGS WITH ASSOCIATED ASPHALT PAVED ACCESS, PARKING, AND LANDSCAPING INCLUDING A LARGE PLAZA AT THE CORNER OF 12TH AND MENAUL BLVD.	No Date Description Revision Schedule
LEGAL: THE NORTHWESTERLY PORTION OF ALL INDIAN PUEBLO COUNCIL PROPERTY (FORMERLY ALBUQUERQUE INDIAN SCHOOL) . ADDRESS: 12TH STREET NW, ALBUQUERQUE, NM 87104.	ISSUE: PROJECT NUMBER: FILE:
BENCHMARK: ELEVATIONS ARE BASED ON CITY OF ALBUQUERUQUE STATION NO. "7-H13", HAVING AN ELEVATION OF 4964.364, NAVD 1988	DRAWN BY: CHECKED BY:
OFF-SITE: THIS PROPERTY HOUSES A STORM LIFT STATION THAT HAS BEEN DESIGNED TO SERVE THIS PROPERTY AS WELL AS THE PLAZA AND RETAIL PROPERTIES TO THE SOUTH.	
FLOOD HAZARD: PER BERNALILLO COUNTY FIRM MAP #35001C0331H EFFECTIVE DATEA 8/16/2012, THE SITE IS LOCATED WITHIN FLOODZONE 'X' SHADED DESIGNATED AS AREAS WITH REDUCED FLOOD RISK DUE TO LEVEE.	GRADING & DRAINAGE
DRAINAGE PLAN CONCEPT: THE FULL DEVELOPMENT OF THIS PROPERTY WAS MASTER PLANNED AS PART OF COA HYDROLOGY PROJECT H13D113. PREVIOUS PHASED CONSTRUCTION INCLUDED BLDGS. D, E, AND F, AND THE MAJORITY OF SITE PAVEMENT. ALL STORMWATER QUALITY RETENTION AND STORMWATER DETENTION IS EXISTING. ON-SITE RUNOFF WILL BE ROUTED TO EXISTING SURFACE STORMWATER QUALITY / DETENTION PONDS AND AN EXISTING SUB-SURFACE DETENTION SYSTEM. THE PREVIOUSLY CONSTRUCTED PRIVATE STORM DRAIN	PLAN
SYSTEM IS DESIGNED TO SLOWLY DISCHARGE TO AN EXISTING STORM DRAIN PRESET TO PUMP TO THE PUBLIC STORM DRAIN SYSTEM AT THE PREVIOUSLY APPROVED RATE OF 2.0 CFS WHICH INCLUDES THIS PROJECT AS WELL AS THE PLAZA AND RETAIL PROPERTIES TO THE SOUTH - SAME OWNER). 5	CG-101

	٨	
1	-	١
		-





STORM DRAIN NOTES

ALL PRIVATE STORM DRAIN LINES AND FITTINGS SHALL BE THE FOLLOWING MATERIAL

- </= 12" DIA. SHALL BE EITHER ADS N-12 WT PIPE OR ADS MEGA GREEN WT PIPE OR PVC SCHD 40.
- > 12" DIA. SHALL BE ADS N-12 WT PIPE OR ADS MEGA GREEN WT PIPE.
- INSTALL ALL STORM DRAIN INLETS AND PIPE PER MANUFACTURER'S SPECIFICATIONS.
- STORM DRAIN SYSTEM WILL REQUIRE REGULAR MAINTENANCE TO ENSURE C. PROPER FUNCTIONING DURING STORM EVENTS. ENGINEER RECOMMENDS THAT OWNER PUT IN PLACE INSPECTION AND MAINTENANCE REQUIREMENTS SCHEDULED TO OCCUR YEARLY AND AFTER MAJOR STORM EVENTS.
- SEE TRENCH DRAIN DETAIL THIS SHEET FOR DOCK TRENCH DRAIN. INSTALL D PER MANUFACTURER'S SPECIFICATIONS.
- E. SEE CN-101 FOR ADDITIONAL CIVIL NOTES.



2101 Mountain Road NW Suite B | Albuquerque NM 87104 505-843-9639 | www.studioswarch.com

© 2019 Studio Southwest Architects, Inc. Duplication or reproduction by any neans without the express written consent of Studio Southwest Architects, Inc. is a violation of federal and international law. The information contained in this document is the intellectual property of Studio Southwest Architects, Inc. and all rights thereto are reserved.

