CITY OF ALBUQUERQUE



February 13, 2015

Eugenio Valdez, P.E. Wilson & Company, Inc. 4900 Lang Ave. NE Albuquerque, NM 87109

Re: El Dorado High School

Construction Drawings for SD tie-in to Embudito Arroyo (G22D004)

Engineer's Stamp Date 2-20-2015

Dear Mr. Valdez,

Based upon the information provided in your submittal received 2-24-15, the above referenced plan is approved for SO-19 Permit.

A separate SO-19 permit is required for construction within City ROW. A copy of this approval letter must be on hand when applying for the excavation/barricading permit. The work in the City ROW must be inspected and accepted. Contractor must contact Jason Rodriguez at 235-8016 and Construction Coordination at 924-3416 to schedule an inspection.

Albuquerque

PO Box 1293

If you have any questions, you can contact me at 924-3695.

New Mexico 87103

1/5/_

Sincerely,

www.cabq.gov Rita Harmon, P.E.

c.pdf

Senior Engineer, Planning Dept. Development and Building Services

Orig: Drainage file

via Email: Recipient, Monica Ortiz, Jason Rodriguez and Antoinette Baldonado (DMD)



4900 Lang Ave NE Albuquerque, NM 87109 505-348-4000 phone 505-348-4055 fax

February 20, 2015

Rita Harmon, P.E.
Planning Department
Development & Building Services Division
600 2nd St. NW, Suite 201
Albuquerque, NM 87102

RE: El Dorado School Construction Drawings for SD tie-in to Embudito Arroyo (G22D004) Engineer's Stamp Dated 1-16-2015

Dear Ms. Harmon,

Enclosed are two sets of revised Construction Plans submitted for SO-19 Permit approval. These revisions have been performed based on your comments regarding the first submittal of these Construction Plans.

The following is a written response to those comments:

- C-101: The channel is shown and the demolition extents adjusted. A note was added about preserving the existing steel reinforcing and referencing AMAFCAS "New to Existing Channel Lining Construction Joint Details" within Standard Drawing 102. AMAFCAS Standard Drawing 102 is also included.
- 2. C-103: The channel is shown
- 3. C-401: The channel is shown and the water quality manhole was removed. The water quality plate will be installed in the Type "D" double inlet.
- 4. C-501: Detail D1 was deleted.
- 5. C-501: Detail A1 was modified to include water quality plate and drain.
- 6. C-501: Detail D4 was modified to show specific dimensions pertaining to this project.
- 7. Additional Standard Details that are referenced in plans were included for reference.

Sincerely,

Eugerlib Valdez, Pil Project Engineer Wilson & Company



Alaska

Arizona California Colorado

Florida

Kansas

Missouri

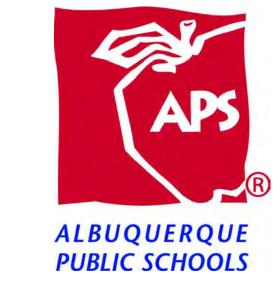
Texas Utah

Nebraska New Mexico Oklahoma

ALBUQUERQUE PUBLIC SCHOOLS

CONSTRUCTION PLANS FOR

ELDORADO HIGH SCHOOL SO-19



24" RCP STORM DRAINAGE IMPROVEMENTS

11300 MONTGOMERY BLVD NE ALBUQUERQUE, NEW MEXICO 87111



LOCATION MAP

SCALE: 1" = 250'

ALBUQUERQUE

PUBLIC SCHOOLS

LIST OF SHEETS

G-001 COVER SHEET G-002 GENERAL NOTES

C-101 DEMOLITION PLAN

C-102 OVERALL GRADING & DRAINAGE PLAN C-103 GRADING & DRAINAGE PLAN

C-103 GRADING & DRAINA
C-401 PLAN & PROFILE
C-501 MISC DETAILS SHEE

C-501 MISC. DETAILS SHEET C-502 MISC. DETAILS SHEET C-503 MISC. DETAILS SHEET

SO-19 NOTES:

Private Drainage Facilities within City Right-of-Way Notice to Contractor

(Special Order 19 ~ "SO-19")

- An excavation permit will be required before beginning any
- All work on this project shall be performed in accordance with applicable federal, state and local laws, rules and regulations concerning construction safety and health.
- Two working days prior to any excavation, the contractor must contact New Mexico One Call, dial "811" [or (505) 260-1990] for the location of existing utilities.
- Prior to construction, the contractor shall excavate and verify the locations of all obstructions and underground utilities. Should a conflict exist, the contractor shall notify the engineer so that the conflict can be resolved with a minimum amount of
- Backfill compaction shall be according to City of Albuquerque
- specifications for public works construction.

 6. Maintenance of the facility shall be the responsibility of the
- owner of the property being served.7. Work on arterial streets shall be performed on a 24-hour bas

SIGNED:

CITY INSPECTORS SIGNATURE

INSPECTORS NAME (PRINTED)

MONTGOMERY BLVD

COMANCHE RD

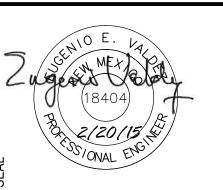
COMANCHE RD

VICINITY MAP

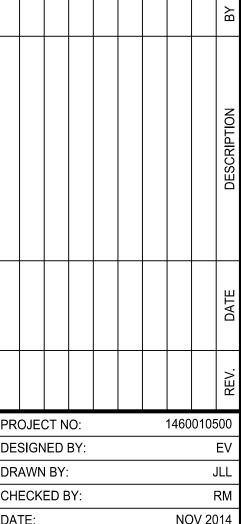
ZONE ATLAS MAP NO: G-22

4900 LANG AVE. NE
ALBUQUERQUE, NM 87109
PHONE: 505-348-4000
FAX: 505-348-4155 SECOND FLOOR
www.wilsonco.com





ELDORADO HIGH SCHOOL SO-19



CHECKED BY:

DATE:

NOV 2014

SHEET TITLE

COVER SHEET

SHEET NO:

G-001

- STANDARD DRAWINGS: REFER TO STANDARD DRAWINGS FOR COA STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, LATEST EDITION UNLESS OTHERWISE NOTED.
- 3. THE CONTRACTOR AGREES THAT HE/SHE SHALL ASSUME THE SOLE AND COMPLETE RESPONSIBILITY FOR THE JOB SITE CONDITIONS DURING THE COURSE OF PROJECT CONSTRUCTION, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY, THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR ENGINEER.
- NO CHANGES SHALL BE MADE TO THESE PLANS WITHOUT THE WRITTEN APPROVAL OF THE OWNER, ENGINEER AND ALL APPROVAL SIGNATORIES. THE ENGINEER SHALL NOT BE RESPONSIBLE FOR CONSTRUCTION METHODS OR TECHNIQUES OR FOR THE PROSECUTION OF THE WORK AS SHOWN ON THESE PLANS. THE ENGINEER SHALL NOT BE RESPONSIBLE FOR THE ACTS OR OMISSIONS OF THE CONTRACTOR, SUBCONTRACTORS OR OTHER PERSONS PERFORMING ANY OF THE WORK OR FOR THE FAILURE OF ANY OF THEM TO CARRY OUT THE WORK IN ACCORDANCE WITH CONTRACT DOCUMENTS.
- THE CONTRACTOR SHALL DESIGNATE AT LEAST ONE EMERGENCY CONTACT PERSON, AND SHALL PROVIDE TELEPHONE NUMBERS WHERE THIS PERSON CAN BE CONTACTED AT ANY TIME, INCLUDING WEEKENDS, HOLIDAYS AND AFTER HOURS. THIS INFORMATION SHALL BE PROVIDED TO THE OWNER AND THE ENGINEER.
- THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL REQUIRED CONSTRUCTION PERMITS FROM ALL JURISDICTIONAL AUTHORITIES PRIOR TO START OF CONSTRUCTION. PERMIT COSTS ARE INCIDENTAL TO BASE
- ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL LAWS, RULES AND REGULATIONS CONCERNING CONSTRUCTION SAFETY, HEALTH, AND ENVIRONMENTAL PROTECTION.
- EXISTING SITE IMPROVEMENTS WHICH ARE DAMAGED OR DISPLACED BY THE CONTRACTOR SHALL BE REMOVED AND REPLACED BY THE CONTRACTOR AT THE CONTRACTOR'S OWN EXPENSE. REPAIRS SHALL BE APPROVED BY THE OWNER PRIOR TO CONSTRUCTION OF THE REPAIRS. REPAIRS SHALL BE ACCEPTED BY THE OWNER PRIOR TO FINAL PAYMENT.
- THE CONTRACTOR SHALL USE THE DESIGNATED STAGING AREAS FOR STORAGE OF EQUIPMENT AND MATERIAL. NO MATERIAL OR EQUIPMENT MAY BE STORED OR LEFT ON-SITE AT ANY OTHER LOCATION. THE OWNER ASSUMES NO LIABILITY FOR CONTRACTOR'S EQUIPMENT AND MATERIAL IN THE STAGING AREA. SECURITY SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. IF NO STAGING AREA IS DESIGNATED ON THESE PLANS, AN OFF-SITE STAGING AREA SHALL BE PROVIDED AT THE CONTRACTOR'S EXPENSE, OR THE CONTRACTOR MAY NEGOTIATE WITH THE OWNER TO USE AN ON-SITE AREA.
- 10. ALL STATIONING REFERS TO THE CENTERLINE OF THE RIGHT-OF-WAY UNLESS OTHERWISE NOTED. STATIONING OF CHANNELS OR PIPES IN DRAINAGE EASEMENTS REFERS TO THE CENTERLINE OF CHANNEL OR PIPE, UNLESS OTHERWISE NOTED.
- 11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING, IN ADVANCE OF HIS/HER CONSTRUCTION OPERATIONS, IF OVERHEAD UTILITY LINES, SUPPORT STRUCTURES, POLES, GUYS, ETC. ARE AN OBSTRUCTION TO CONSTRUCTION OPERATIONS. IF ANY OBSTRUCTION IS EVIDENT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH THE APPROPRIATE UTILITY OWNER TO REMOVE OR SUPPORT THE UTILITY OBSTRUCTION. ANY COST ASSOCIATED WITH THIS EFFORT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- 12. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL UNDERGROUND UTILITY CONFLICTS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
- <u>UTILITY ALLOWANCE</u> A UTILITY ALLOWANCE OF \$10,000.00. IS INTENDED TO COVER WORK IN WHICH IS NOT KNOWN DUE TO BEING COVERED AND UNFORESEEN UNDERGROUND UTILITY CONFLICTS. CONTRACTOR SHALL BE REQUIRED TO PROVIDE A DETAILED SCOPE OF WORK AND COST FOR REVIEW BY OWNERS REPRESENTATIVE PRIOR TO PROCEEDING. PROVISIONS OF ALLOWANCE DOES NOT GUARANTEE FULL AMOUNT TO CONTRACTOR. ONLY THAT PORTION OF MONEY USED FOR INTENDED PURPOSES WILL BE EXPENDED.

- 14. <u>AS-BUILTS:</u> CONTRACTOR SHALL DELIVER FINAL CERTIFIED AS-BUILTS IN HARD COPY AND ACAD R2010 OR EQUAL. AS-BUILTS SHALL BE SUBMITTED WITH SUBSTANTIAL COMPLETION PAY APPLICATION. NO MEASUREMENT OR PAYMENT WILL BE MADE FOR AS-BUILT PLANS AND DIGITAL FILES INCIDENTAL TO CONSTRUCTION.
- SCHEDULE: THE CONTRACTOR SHALL PREPARE AND SUBMIT A CRITICAL PATH METHOD (CPM) SCHEDULE PRIOR TO COMMENCEMENT OF PROJECT CONSTRUCTION. THE CPM SCHEDULE SHALL CLEARLY IDENTIFY A WORK BREAKDOWN STRUCTURE THAT DETERMINES THE TOTAL PROJECT DURATION. EARLY ACTIVITY START AND FINISH, LATE ACTIVITY START AND FINISH ALONG WITH EARLY AND LATE EVENT OCCURRENCE TIME, SHALL ALL BE IDENTIFIED IN THE CPM SCHEDULE, AND DISTRIBUTED IN HARD COPY TO OWNER AND PROJECT ENGINEER. NO ADDITIONAL PAYMENTS WILL BE MADE.
- DEWATERING DURING CONSTRUCTION IS CONSIDERED INCIDENTAL TO THE COST OF CONSTRUCTION.
- THE CONTRACTOR SHALL PROTECT EXISTING TREES AND BUSHES DURING SITE DEMO AND CONSTRUCTION.
- WHEN EXISTING TREE ROOTS ARE ENCOUNTERED DURING CONSTRUCTION, ROOT MUST BE TRIMMED CAREFULLY. TRIMMING OF TREE ROOTS IS CONSIDERED AN INCIDENTAL COST TO THE PROJECT.

EROSION CONTROL/ENVIRONMENTAL PROTECTION/STORM WATER POLLUTION PREVENTION PLAN:

- THE CONTRACTOR SHALL CONFORM TO ALL CITY, COUNTY, STATE AND FEDERAL DUST AND EROSION CONTROL REGULATIONS. THE CONTRACTOR SHALL PREPARE AND OBTAIN ANY NECESSARY DUST OR EROSION CONTROL PERMITS FROM REGULATORY AGENCIES.
- 2. THE CONTRACTOR SHALL PROMPTLY REMOVE ANY MATERIAL EXCAVATED WITHIN THE PUBLIC RIGHT-OF-WAY TO KEEP IT FROM WASHING OFF THE PROJECT SITE.
- 3. THE CONTRACTOR SHALL ENSURE THAT NO SOIL ERODES FROM THE SITE ONTO OTHER PROPERTY BY CONSTRUCTING TEMPORARY EROSION CONTROL BERMS OR PLAN. INSTALLING SILT FENCES AT THE PROPERTY LINES.
- THE CONTRACTOR SHALL MITIGATE EROSION OF TEMPORARY OR PERMANENT DIRT SWALES BY INSTALLING CHECK DAMS IN THE SWALES PERPENDICULAR TO THE DIRECTION OF FLOW.
- 5. THE CONTRACTOR SHALL WET THE SOIL AS NEEDED TO KEEP IT FROM BLOWING. WATERING, AS REQUIRED FOR CONSTRUCTION AND DUST CONTROL, SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION AND NO MEASUREMENT OR PAYMENT SHALL BE MADE THEREFOR. CONSTRUCTION AREAS SHALL BE WATERED FOR DUST CONTROL IN COMPLIANCE WITH GOVERNMENT ORDINANCES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND SUPPLYING WATER AS REQUIRED.
- ANY AREAS DISTURBED BY CONSTRUCTION AND NOT COVERED BY LANDSCAPING OR ANY IMPERVIOUS SURFACE SHALL BE REVEGETATED WITH NATIVE GRASS SEEDING. WHEN CONSTRUCTION ACTIVITIES CEASE AND EARTH DISTURBING ACTIVITIES WILL NOT RESUME WITHIN 14 DAYS, STABILIZATION MEASURES MUST BE INITIATED. UNLESS INDICATED OTHERWISE ON THESE PLANS OR ON THE LANDSCAPING PLAN, SEEDING SHALL BE NATIVE GRASS SEEDING PER SECTION 1012 OF THE COA STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
- 7. ALL WASTE PRODUCTS FROM THE CONSTRUCTION SITE, INCLUDING ITEMS DESIGNATED FOR REMOVAL, CONSTRUCTION WASTE, CONSTRUCTION EQUIPMENT WASTE PRODUCTS (OIL, GAS, TIRES, ETC.) GARBAGE, GRUBBING, EXCESS CUT MATERIAL, VEGETATIVE DEBRIS, ETC. SHALL BE APPROPRIATELY DISPOSED OF OFF-SITE AT NO ADDITIONAL COST TO THE OWNER. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN PERMITS REQUIRED FOR HAUL OR DISPOSAL OF WASTE PRODUCTS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT THE WASTE DISPOSAL SITE COMPLIES WITH GOVERNMENT REGULATIONS REGARDING THE ENVIRONMENT. ENDANGERED SPECIES AND ARCHAEOLOGICAL RESOURCES.
- 8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CLEANUP AND REPORTING OF SPILLS OF HAZARDOUS MATERIALS ASSOCIATED WITH THE CONSTRUCTION SITE. HAZARDOUS MATERIALS INCLUDE GASOLINE, DIESEL FUEL, MOTOR OIL, SOLVENTS, CHEMICALS, PAINTS, ETC. WHICH MAY BE A THREAT TO THE ENVIRONMENT. THE CONTRACTOR SHALL REPORT THE DISCOVERY OF PAST OR PRESENT SPILLS TO THE NEW MEXICO ENVIRONMENT DEPARTMENT EMERGENCY RESPONSE AT 1-(505)-827-9329.
- 9. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE REGULATIONS CONCERNING SURFACE AND UNDERGROUND WATER. CONTACT WITH SURFACE WATER BY CONSTRUCTION EQUIPMENT AND PERSONNEL SHALL BE MINIMIZED. EQUIPMENT MAINTENANCE AND REFUELING OPERATIONS SHALL BE PERFORMED IN AN ENVIRONMENTALLY SAFE MANNER IN COMPLIANCE WITH GOVERNMENT REGULATIONS.

- 10. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE REGULATIONS CONCERNING CONSTRUCTION NOISE AND HOURS OF OPERATION.
- 11. WHERE STORM INLETS ARE SUSCEPTIBLE TO IN FLOW OF SILT OR DEBRIS FROM CONSTRUCTION ACTIVITIES, PROTECTION SHALL BE INSTALLED ON THEIR UPSTREAM SIDE.

ROADS:

1. GRADES SHALL BE RESTORED BY THE CONTRACTOR TO THE EXISTING GRADES UNLESS OTHERWISE DIRECTED BY THE ENGINEER. SMOOTH TRANSITIONS SHALL BE MADE BETWEEN EXISTING PAVEMENT WHICH REMAINS IN PLACE AND PAVEMENT WHICH IS REPLACED. WHEN ABUTTING NEW PAVEMENT TO EXISTING, SAWCUT BACK EXISTING PAVEMENT TO A NEAT, STRAIGHT LINE AS REQUIRED TO REMOVE ANY BROKEN OR CRACKED PAVEMENT.

UTILITIES-GENERAL NOTE:

- 1. IF ANY UTILITY LINES, PIPELINES OR UNDERGROUND UTILITY LINES ARE SHOWN ON THESE DRAWINGS. THEY ARE SHOWN IN AN APPROXIMATE LOCATION ONLY, AND LINES MAY EXIST WHERE NONE ARE SHOWN. THE LOCATION IS BASED UPON INFORMATION PROVIDED BY THE UTILITY OWNER OR FROM EXISTING PLANS, AND THIS INFORMATION MAY BE INCOMPLETE, OR OBSOLETE AT THE TIME OF CONSTRUCTION. THE ENGINEER HAS NOT UNDERTAKEN ANY FIELD VERIFICATION OF THESE LOCATIONS, LINE SIZES OR MATERIAL TYPE, MAKES NO REPRESENTATION THERETO, AND ASSUMES NO RESPONSIBILITY ITSELF OF THE LOCATION OF ANY UTILITY LINE, PIPELINE OR UNDERGROUND INSTALLATION IN OR NEAR THE AREA IN ADVANCE OF ANY DURING ANY EXCAVATION WORK. THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES CAUSED BY ITS FAILURE TO LOCATE, IDENTIFY AND PRESERVE ANY AND ALL EXISTING UTILITIES, PIPELINES AND UNDERGROUND FACILITIES. IN PLANNING AND CONDUCTING EXCAVATIONS. THE CONTRACTOR SHALL COMPLY WITH ALL STATE STATUES, MUNICIPAL AND LOCAL ORDINANCES, RULES AND REGULATIONS, IF ANY, PERTAINING TO THE LOCATION OF THESE LINES AND FACILITIES.
- THE CONTRACTOR SHALL NOTIFY NEW MEXICO ONE CALL, INC. AT 260-1990 AT LEAST TWO WORKING DAYS PRIOR TO STARTING WORK ON THIS PROJECT.
- SEWER/WATER LINES SHALL BE PLACED IN SEPARATE TRENCHES A DISTANCE OF 15 FEET TYPICALLY OR A MINIMUM OF 10 FEET APART HORIZONTALLY. THE WATER LINE SHALL BE PLACED A MINIMUM OF 1.5 FEET HIGHER IN ELEVATION THAN THE SEWER. AT ALL CROSSINGS OF WATER AND SEWER LINES, THE WATER LINE SHALL BE MINIMUM OF 1.5 HIGHER THAN THE SEWER OR THE SEWER LINE SHALL BE C-900 PRESSURIZED PIPE.
- 4. SEWER & WATER LINE DISTANCES SHOWN IN PLANS ARE HORIZONTAL DISTANCES WITHOUT REGARD TO SLOPE OF PIPE OR PROJECT STATIONING.

WATER:

- THE CONTRACTOR MUST OBTAIN WRITTEN APPROVAL FROM THE ALBUQUERQUE BERNALILLO COUNTY WATER UTILITY AUTHORITY (ABCWUA) TO OPERATE ANY VALVE OR FIRE HYDRANT INCLUDING NEW WATERLINES AND EXTENSIONS TO THE WATER SYSTEM WHICH HAVE NOT YET BEEN ACCEPTED BY ARE CONNECTED TO THE EXISTING WATER SYSTEM. ONCE APPROVAL HAS BEEN VERIFIED. THE CONTRACTOR MUST CONTACT ABCWUA. 48 HOURS IN ADVANCE TO REQUEST A SHUTOFF DATE. WATER SHUT OFF MAY BE DONE AT NIGHT OR ON WEEKENDS TO ACCOMMODATE WATER CUSTOMERS.
- 2. WATER LINES SHALL BE CONSTRUCTED WITH A MINIMUM OF 4.0 FT. COVER MEASURED FROM FINISH GRADE TO THE TOP OF PIPE, UNLESS OTHERWISE SPECIFIED ON PLANS.
- 3. FOR PRESSURE WATER CONNECTIONS TO EXISTING LINES. THE CONTRACTOR SHALL NOTIFY THE ABCWUA A MINIMUM OF 48 HOURS PRIOR TO THE CONNECTION.
- 4. CONCRETE THRUST BLOCKS SHALL BE USED ON ALL 90 DEGREE BENDS, TEES TO HYDRANTS, BEHIND HYDRANTS AND UNDER VALVES. ALL FITTINGS AND CAPS SHALL USE MEGA LUG RESTRAINTS. NO EXTRA PAYMENT WILL BE MADE FOR THESE FEATURES.

- 5. COMPRESSION JOINTS MAY BE USED ON COPPER SERVICE LINES EXCEPT FLARED JOINTS SHALL BE USED WHEN CONNECTING TO PLASTIC LINES.
- 6. THE 24" DEPTH OF SERVICE LINE BELOW FINISH SURFACE ELEVATION OF METER BOXES IS CRITICAL. METERS WILL NOT BE INSTALLED WHEN THIS DIMENSION VARIES.
- VALVE BOXES SHALL BE BROUGHT TO SURFACE ELEVATION UPON COMPLETION OF SURFACE COURSE OF PAVEMENT. OCTAGONAL CONCRETE COLLARS SHALL BE CONSTRUCTED TO SURFACE ELEVATIONS.
- 8. FLUSHING OF WATER LINES SHALL BE METERED. ORDER OF PREFERENCE FOR DISPOSAL IS (1) ON AVAILABLE LAND SURFACE (2) IN STORM SEWERS OR (3) IN SANITARY SEWERS. DISPOSAL METHOD SHALL BE DISCUSSED WITH INSPECTOR.
- 9. FLUSHING. DISINFECTING AND TESTING OF WATERLINES SHALL BE COORDINATED WITH ABCWUA UTILITY INSPECTOR.
- 10. 8" PVC WATERLINE SHALL BE CLASS C900 DR-18.

CONCRETE JOINTS:

- 1. EXISTING CONCRETE JOINTS SHALL BE MATCHED WHENEVER POSSIBLE IN NEW CONCRETE CONSTRUCTION
- 2. CONSTRUCTION JOINT GROOVE SHALL NOT BE LESS THAN 1" IN DEPTH.
- 3. FINISH CONCRETE SURFACE SHALL BE GIVEN A FINE HAIR BROOM FINISH.
- 4. TOOLED JOINTS MUST BE RUN EARLY IN THE FINISHED PROCESS AND RERUN LATER TO ENSURE GROOVE BOND HAS NOT OCCURRED.
- 5. EXPANSION JOINTS SHALL BE INSTALLED AT MINIMUM EVERY 15FT.

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SANITARY SEWER MANHOLE SANITARY SEWER **CLEANOUT**

WATER VALVE GAS VALVE

LEGEND

UNKNOWN VALVE UNKNOWN PEDESTAL

FIRE HYDRANT

JB IRRIGATION BOX CB CATCH BASIN

LIGHT POLE

WATER FAUCET TEL TELEPHONE PEDESTAL

E ELECTRIC PEDESTAL

FO FIBER OPTIC PEDESTAL

BENCH BENCH ROOF DRAIN

PTBL PICNIC TABLE BOLLARD

BUSH GTE GATE

ATHLETIC PRACTICE **EQUIPMENT**

---- SANITARY SEWER LINE ----- STORM DRAIN LINE

—— UGE —— ELECTRICAL LINE, UNDERGROUND —— OHE —— ELECTRICAL LINE, OVERHEAD ---- UGT ---- TELEPHONE LINE, UNDERGROUND

TELEPHONE LINE, OVERHEAD

—— G—— GAS LINE, UNDERGROUND

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GENERAL NOTES

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NOV 2014

PROJECT NO:

DESIGNED BY:

DRAWN BY:

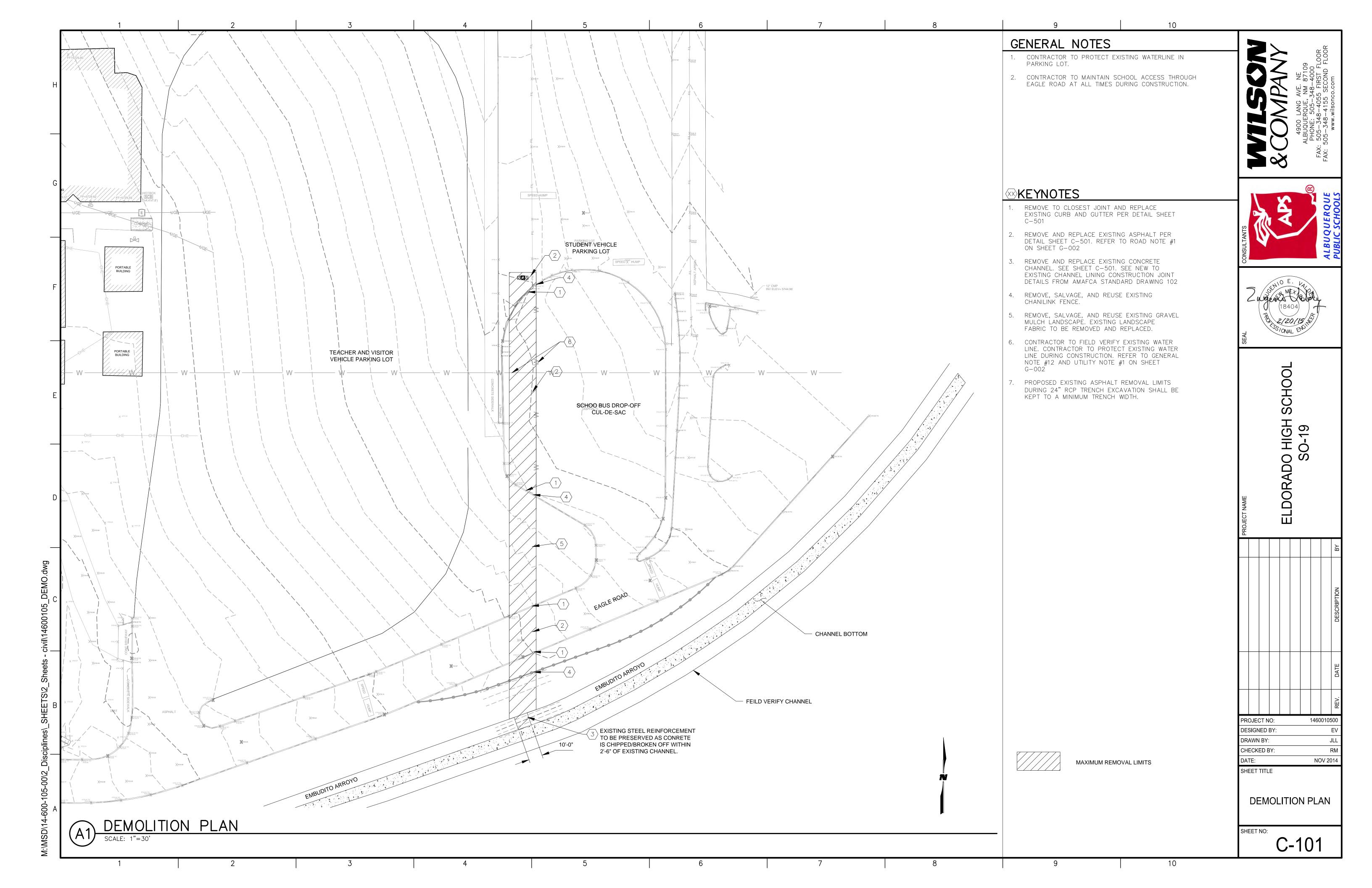
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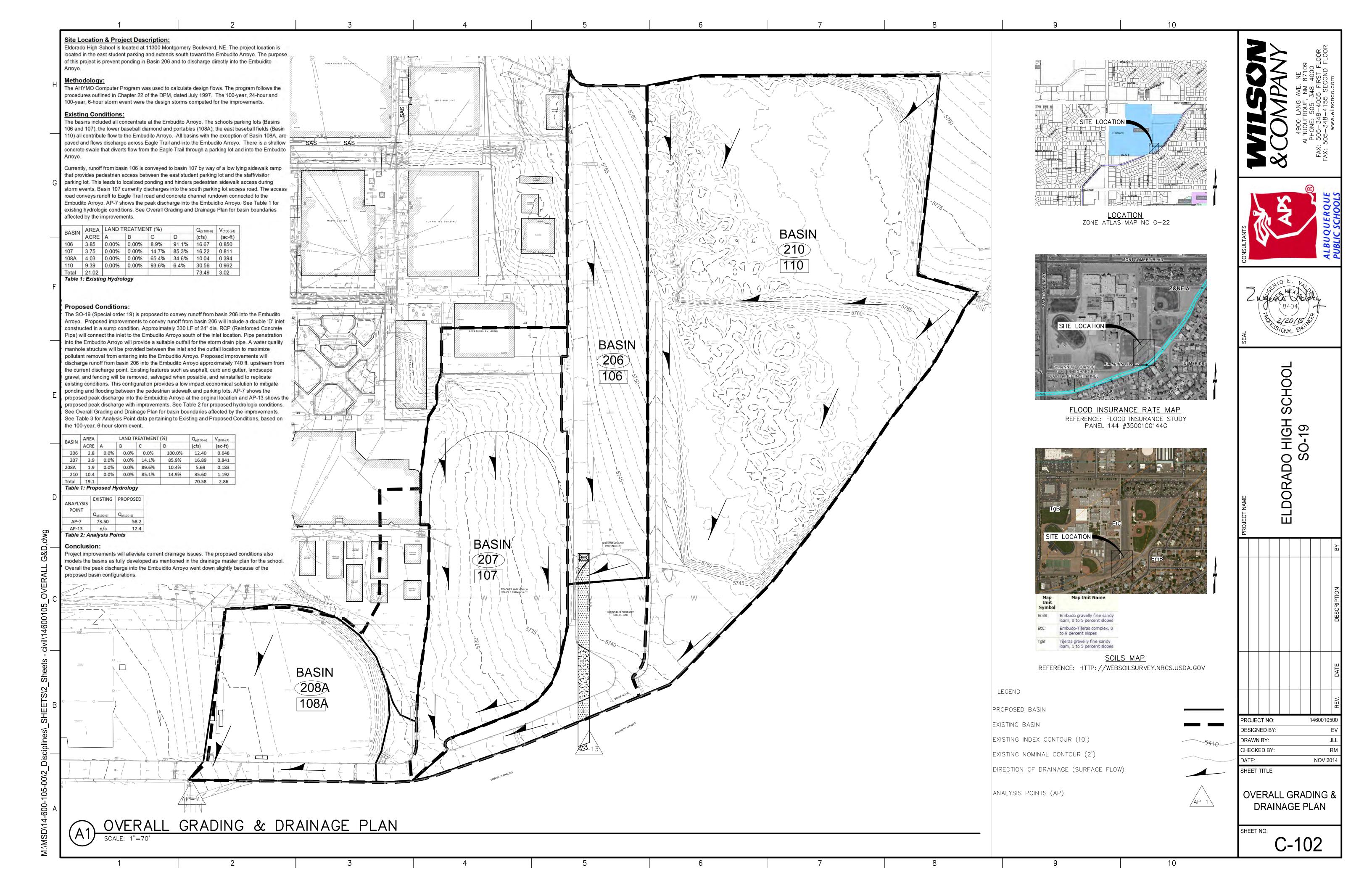
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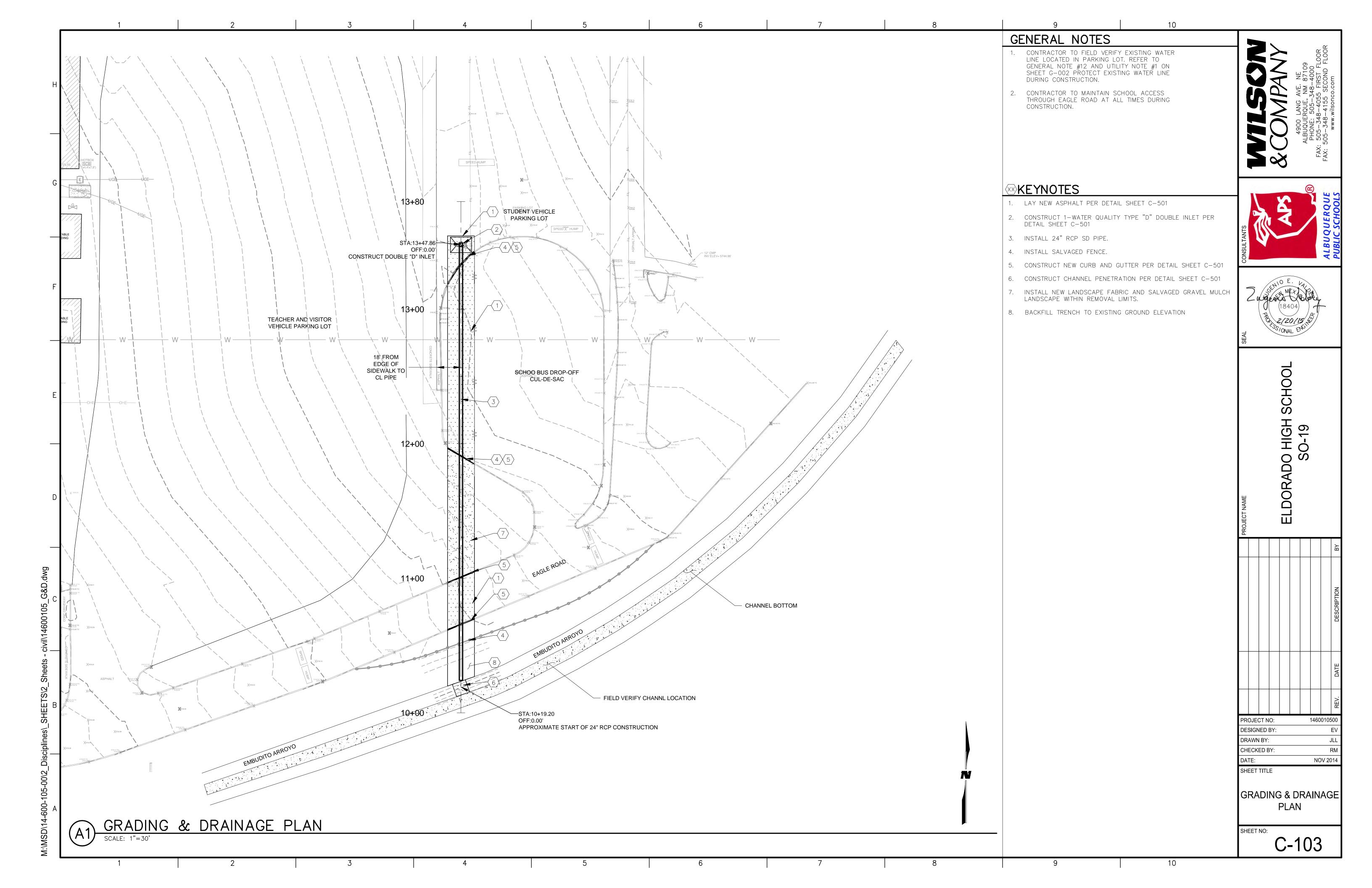
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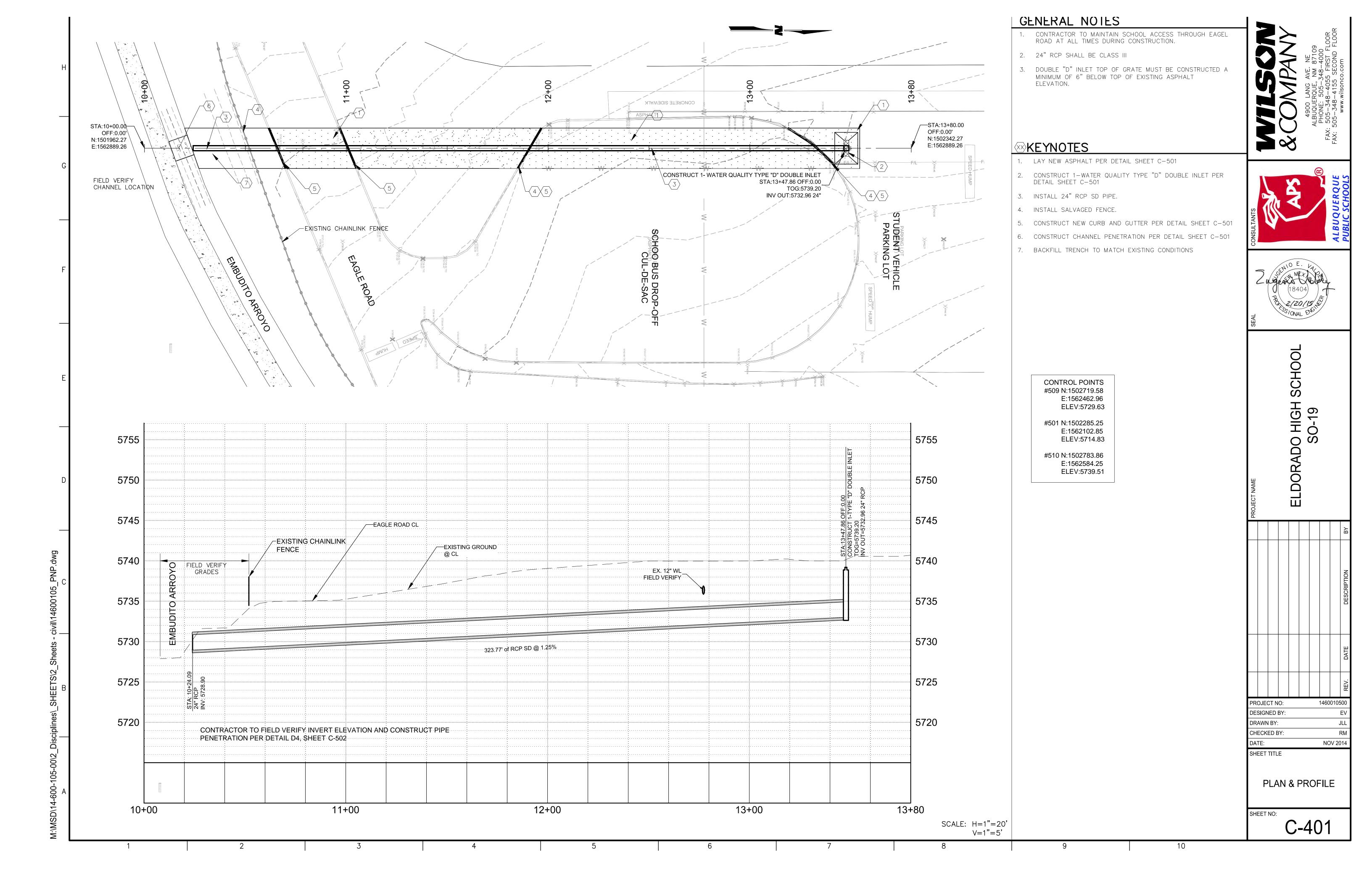
UTILITY CONTACTS

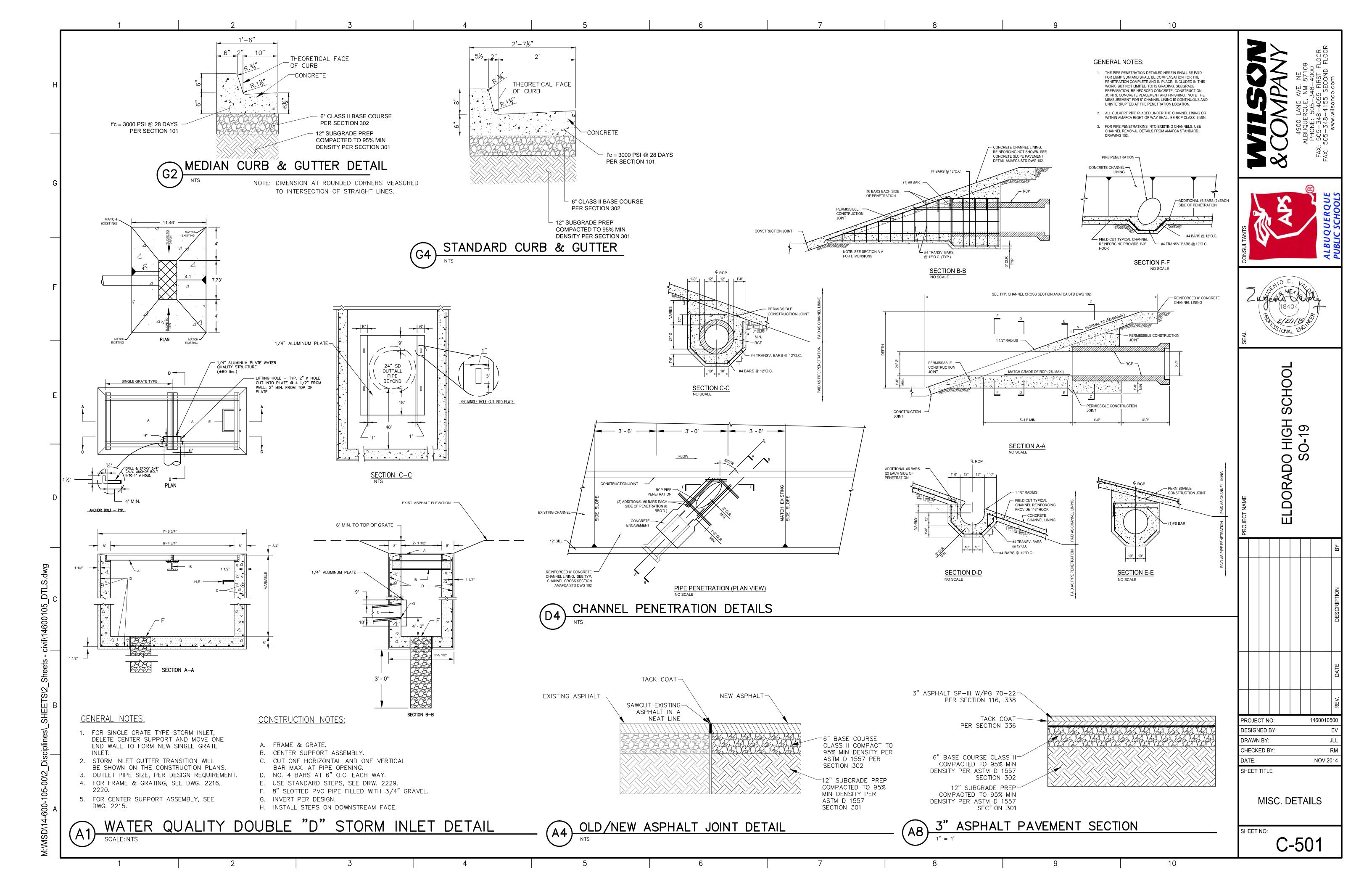
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	COMPANY	PHONE	MOBILE	CONTACT
	ABCWUA	768-2729		NANCY MUSINSKI
	PNM - ELECTRIC	241-3421		CHRIS BUDD
	NM GAS	697-3144		MARK BOUCHARD
	QWEST	245-8530		DON DAVALOS
	COMCAST	761-6235		MIKE MORTIS
	NM ONE CALL	260-1990		N/A

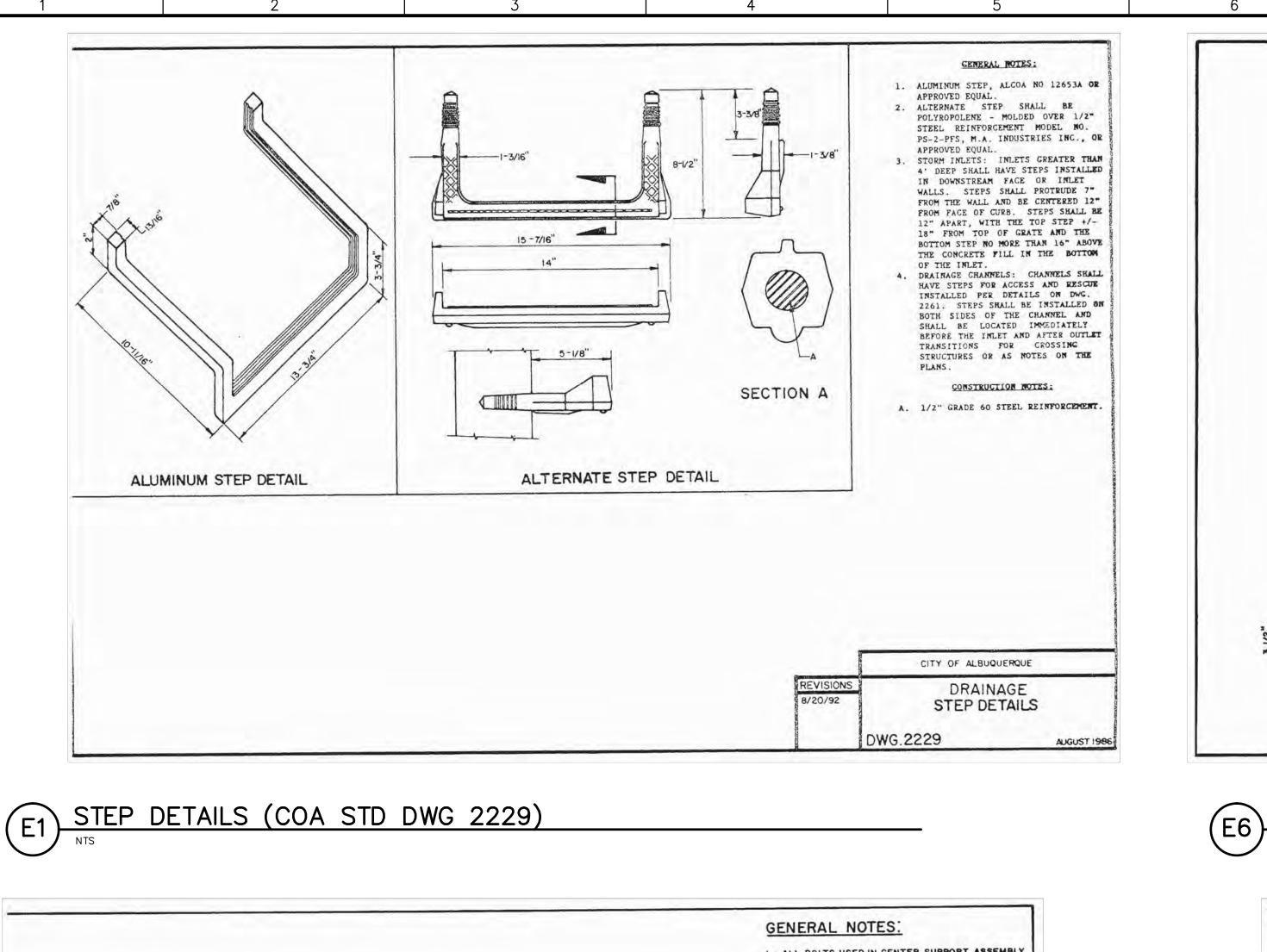


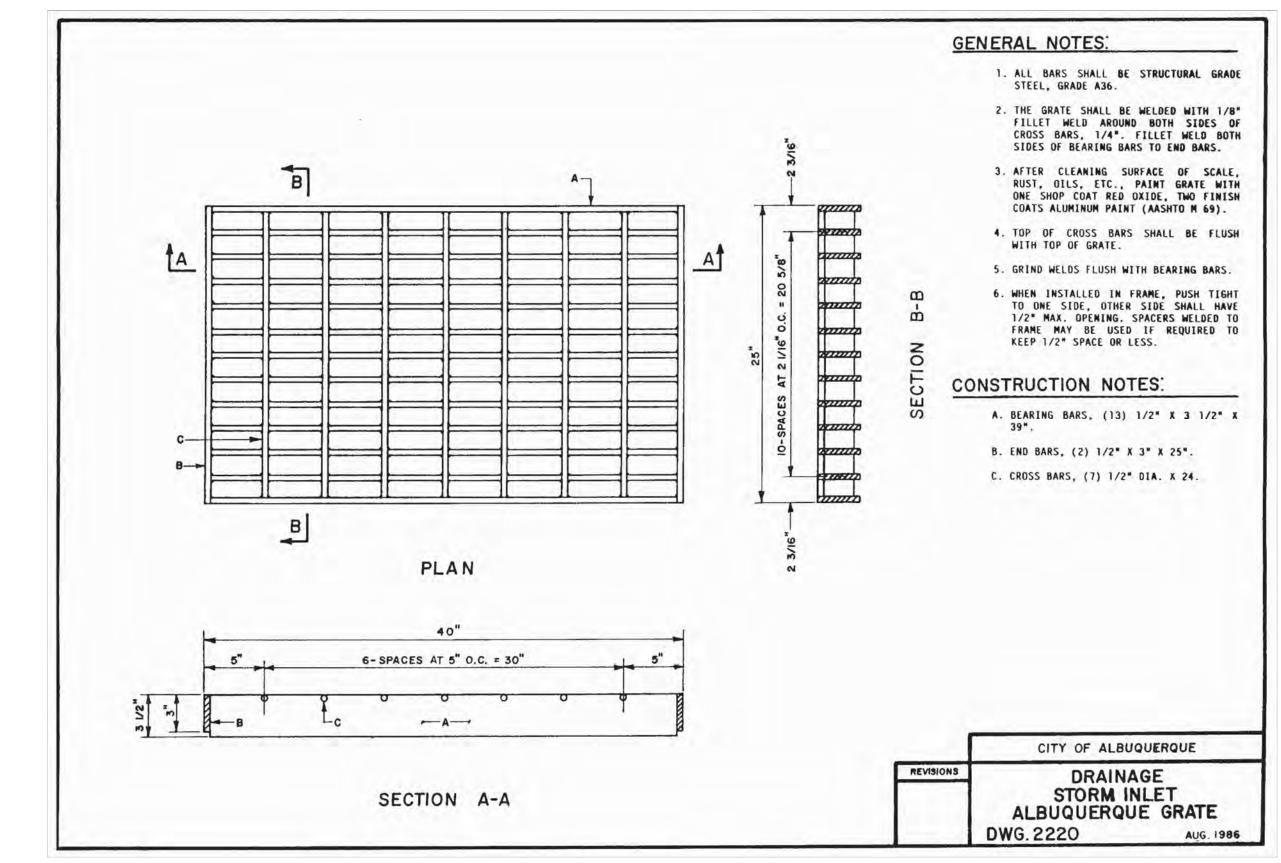




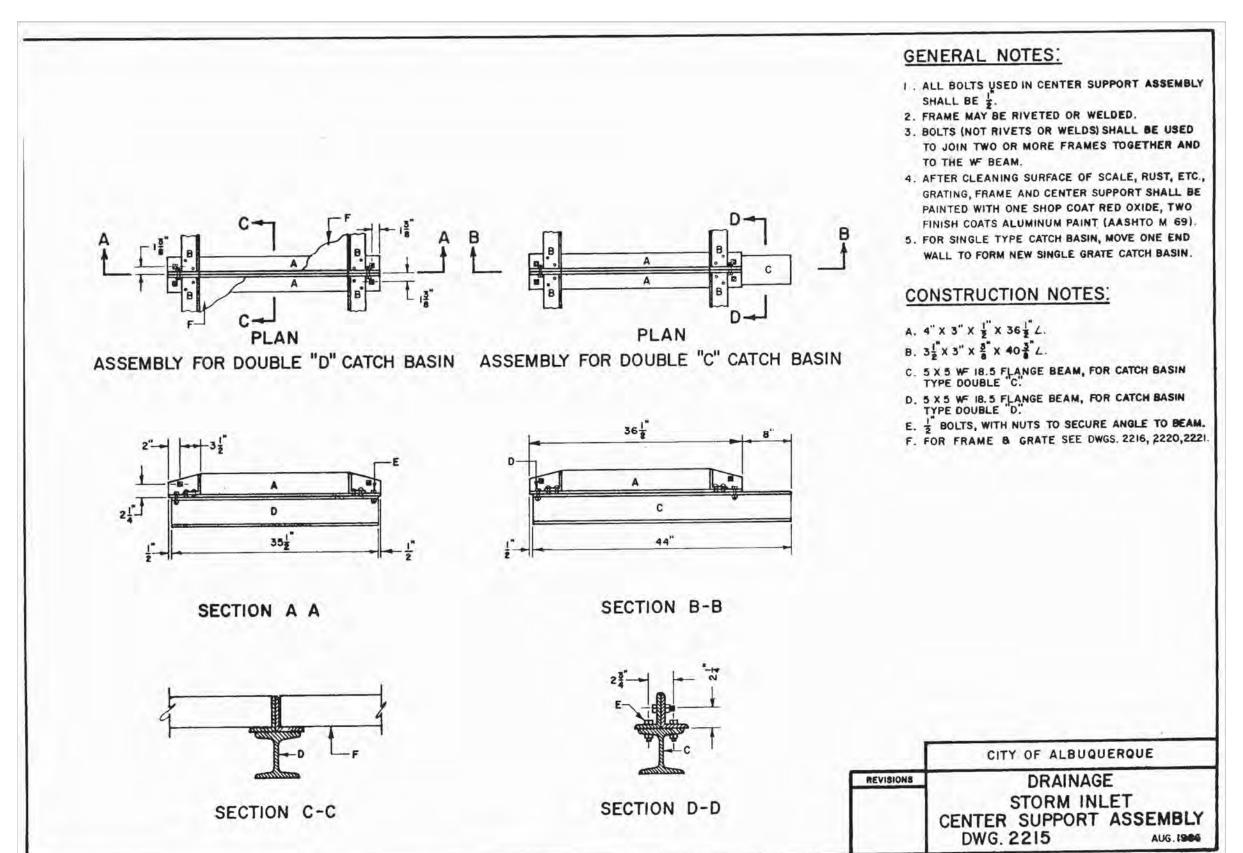






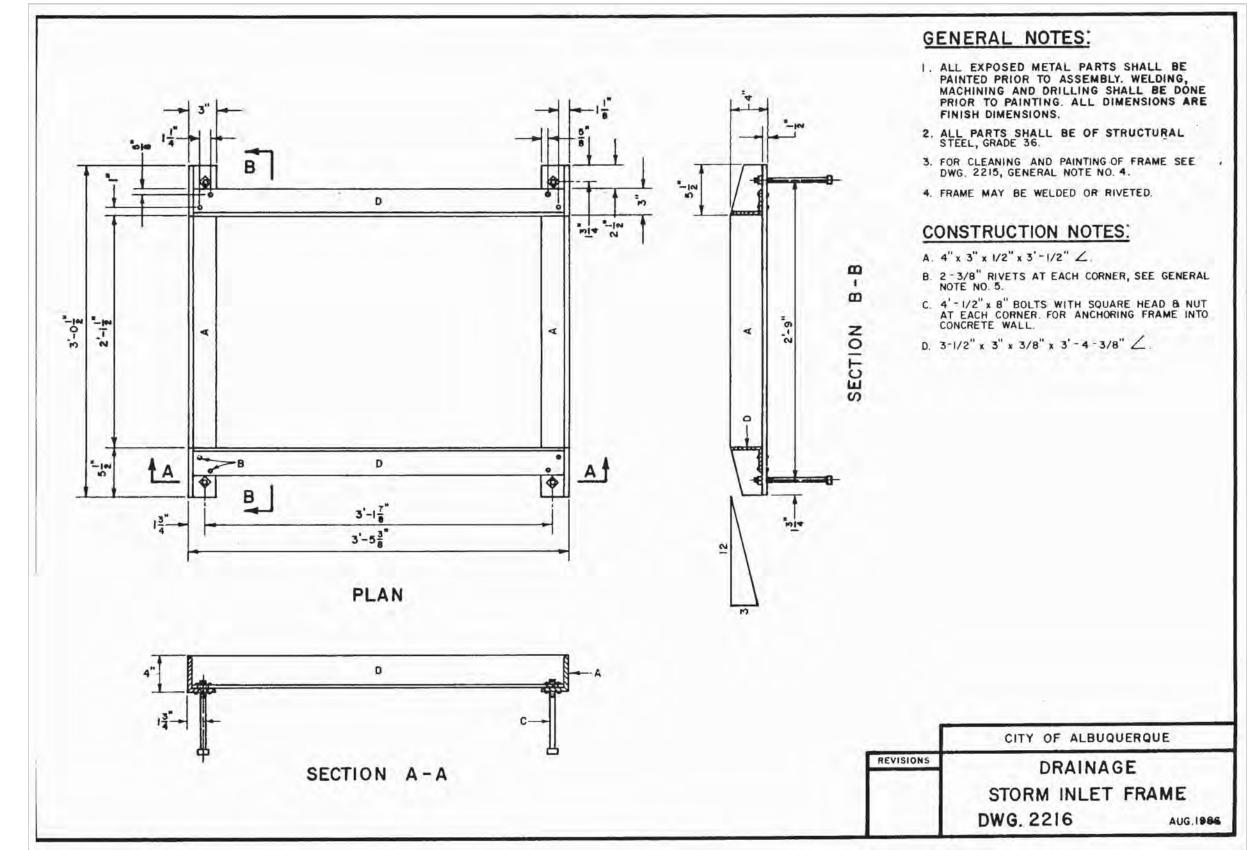


DTLS.



STORM INLET CENTER SUPPORT ASSEMBLY (COA STD DWG 2215)

STORM INLET TYPE "A" (COA STD DWG 2201)



STORM INLET FRAME (COA STD DWG 2216)

2/20/15 SCHO HIGH 0-19 RADO S(

PROJECT NO: **DESIGNED BY:** DRAWN BY: CHECKED BY: NOV 2014 SHEET TITLE

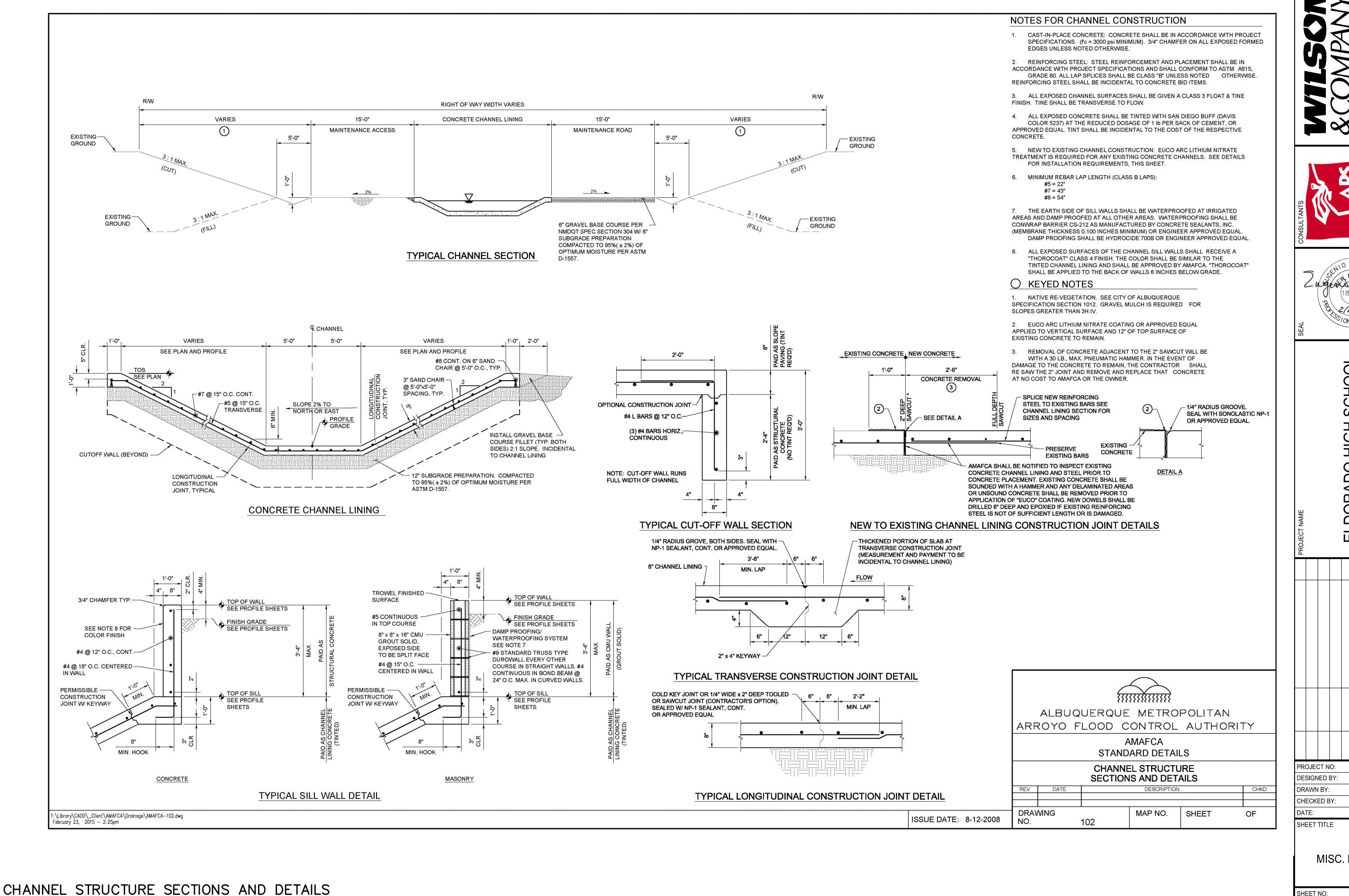
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SHEET NO: C-502

MISC. DETAILS

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MISC. DETAILS

NOV 2014

SHEET NO:

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C-503