

CITY OF ALBUQUERQUE



March 9, 2016

J. Graeme Means, PE
High Mesa Consulting Group
6010 -B Midway Park Blvd NE
Albuquerque, NM 87109

Re: Del Norte High School Cafeteria
5323 Montgomery NE
Engineer's Stamp dated: 6/25/2014 (F18D054)
Certification dated: 3-3-16

Dear Mr. Graeme,

Based on the Certification received 1/4/2016, the site is acceptable for release of Certificate of Occupancy by Hydrology.

PO Box 1293 If you have any questions, you can contact me at 924-3995 or Totten Elliott at 924-3982.

Albuquerque

Sincerely,

New Mexico 87103

Rita Harmon, P.E.
Senior Engineer, Planning Dept.
Development Review Services

www.cabq.gov

TE/AC

C: email

Clerk, Cordova, Camille C.; Miranda, Rachel; Sandoval, Darlene M.; Lois
Blocker

DRAINAGE PLAN & CALCULATIONS

I. INTRODUCTION AND EXECUTIVE SUMMARY

THIS PROJECT, LOCATED IN NORTHEAST ALBUQUERQUE, REPRESENTS NEW CONSTRUCTION AT A PORTION OF A DEVELOPED HIGH SCHOOL SITE WITHIN AN INFILL AREA. THE PROPOSED CAFETERIA BUILDING WITH SITE IMPROVEMENTS IS THE FOURTH AND FINAL PHASE OF A MAJOR REDEVELOPMENT AT DEL NORTE HIGH SCHOOL. IN ACCORDANCE WITH THE SITE MASTER DRAINAGE PLAN THAT WAS PREPARED TO SUPPORT THIS DEVELOPMENT, ALL RUNOFF WILL BE COLLECTED, CONVEYED AND CONTROLLED IN A RESPONSIBLE MANNER AND AT REDUCED PEAK RATES OF DISCHARGE.

THIS SUBMITTAL FOLLOWS THE INTENT OF THE APPROVED MASTER DRAINAGE PLAN FOR THE SITE AND IS MADE IN SUPPORT OF BUILDING PERMIT APPROVAL.

II. PROJECT DESCRIPTION:

AS SHOWN BY VICINITY MAP F-18, DEL NORTE HIGH SCHOOL IS LOCATED IN A DEVELOPED SECTION OF THE CITY OF ALBUQUERQUE'S NORTHEAST HEDGES AT THE NORTHEAST CORNER OF SAN MATEO BLVD NE AND MONTGOMERY BLVD NE. THE MAIN CAMPUS IS BORDERED BY MONTGOMERY BOULEVARD NE ON THE SOUTH, SAN MATEO BOULEVARD ON THE WEST, THE CITY OF ALBUQUERQUE GRANT LINE CHANNEL ON THE NORTH, BY WHISPERWOOD SUBDIVISION UNIT 2 AT THE NORTHERLY HALF AT THE EAST PROPERTY LINE, AND BY AN EXISTING APARTMENT COMPLEX AT THE SOUTH HALF OF THE EAST PROPERTY LINE. A PORTION OF APS PROPERTY LIES NORTH OF THE GRANT LINE CHANNEL WHICH SERVES AS THE DEL NORTE HIGH SCHOOL STUDENT PARKING LOT AND BUS DROP OFF AREA. THE SITE IS ZONED C-2.

AS SHOWN BY PANEL 139 OF 825 OF THE NATIONAL FLOOD INSURANCE PROGRAM FLOOD INSURANCE RATE MAPS, BERNALILLO COUNTY, NEW MEXICO, AND INCORPORATED AREAS, DATED SEPTEMBER 26, 2008, THE SITE DOES NOT LIE WITHIN A DESIGNATED FLOOD HAZARD ZONE.

III. BACKGROUND DOCUMENTS:

1) THE IMPROVEMENTS PROPOSED BY THIS PROJECT WERE SHOWN AND ACCOUNTED FOR IN THE DEL NORTE HIGH SCHOOL MASTER DRAINAGE REPORT PREPARED BY J. J. GRAEME MEANS, NMPE 13676, ON 09/09/2009 AND REVISED 06/28/2010 (HYDROLOGY FILE F18/D054, NMPE 13676). THE MASTER DRAINAGE PLAN WAS SUBMITTED AS A GUIDE TO THE PROPOSED RECONSTRUCTION OF DEL NORTE HIGH SCHOOL, WHICH WILL RESULT IN A NET DECREASE IN PEAK RATE AND VOLUME OF DISCHARGE LEAVING THE SITE WHILE IMPROVING THE MANNER OF DISCHARGE BY SIGNIFICANTLY REDUCING SURFACE DISCHARGE TO THE ADJACENT STREETS (MONTGOMERY AND SAN MATEO) WHILE DIVERTING SITE AREA FORMERLY DRAINING TO THE STREETS TO THE GRANT LINE CHANNEL, WHICH IS BETTER SUITED TO ACCEPT AND CONVEY TO FLOWS. THE PROPOSED REDEVELOPMENT WILL SIGNIFICANTLY IMPROVE EXISTING CONDITIONS WHEREBY SITE RUNOFF FREELY DISCHARGES OVER THE FRONTING SIDEWALKS AND ALSO ENTERS THE GRANT LINE CHANNEL IN AN UNCONTROLLED OVERLAND FLOW.

2) GRADING AND DRAINAGE PLAN FOR NEW TECH HIGH SCHOOL, ENGINEER'S CERTIFICATION DATED 11/18/2010 (HYDROLOGY FILE F18/D054, NMPE 13676) PREPARED BY THIS OFFICE. THIS PLAN SUPPORTED THE FIRST PHASE OF DEL NORTE HIGH SCHOOL NEAR THE NORTHEAST CORNER OF THE SITE. ITS SITE IMPROVEMENTS INCLUDE A STORM DRAIN SYSTEM AND A WATER QUALITY RETENTION/DETENTION POND SERVING BASIN C.

3) GRADING AND DRAINAGE PLAN FOR DEL NORTE HIGH SCHOOL CLASSROOM AND MEDIA CENTER ADDITION, ENGINEER'S CERTIFICATION DATED 05/10/2012 (HYDROLOGY FILE F18/D054, NMPE 13676) PREPARED BY THIS OFFICE. THIS PLAN SUPPORTED THE SECOND PHASE OF CONSTRUCTION THAT INCLUDED A NEW PARKING LOT AT THE WEST END OF THE SITE AND A NEW CLASSROOM AND MEDIA CENTER BUILDING.

4) GRADING AND DRAINAGE PLAN FOR DEL NORTE HIGH SCHOOL INDUSTRIAL AND FINE ARTS BUILDING, ENGINEER'S STAMP DATED 02/20/2013 (HYDROLOGY FILE F18/D054, NMPE 13676) PREPARED BY THIS OFFICE. THIS PLAN SUPPORTED THE THIRD PHASE OF CONSTRUCTION THAT INCLUDES A NEW PARKING LOT AT THE SOUTH END OF THE SITE AND A NEW INDUSTRIAL AND FINE ARTS BUILDING NEAR THE EAST END OF THE SITE.

IV. EXISTING CONDITIONS:

AS DESCRIBED BY THE FOREMENTIONED MASTER DRAINAGE PLAN, THE SITE IS CURRENTLY DEVELOPED AS A PUBLIC HIGH SCHOOL. THE PROPOSED IMPROVEMENTS LIE WITHIN BASINS A AND C AS IDENTIFIED BY THE MASTER DRAINAGE PLAN. BASIN A CURRENTLY DRAINS FREELY AS OVERLAND SURFACE RUNOFF OVER THE SIDEWALK TO MONTGOMERY BOULEVARD. BASIN C HAS MINIMAL TOPOGRAPHIC RELIEF, GRADUALLY DRAINING FROM SOUTHEAST TO NORTHWEST TO THE RECENTLY CONSTRUCTED STORM DRAIN AND RETENTION/DETENTION PONDING SYSTEM CONSTRUCTED WITH PHASE 1. THE EXISTING AND PRE-EXISTING PATTERNS ARE DESCRIBED IN MORE DETAIL IN THE FOREMENTIONED MASTER DRAINAGE PLAN.

V. DEVELOPED CONDITIONS

THE PROPOSED IMPROVEMENTS INCLUDE A NEW CAFETERIA BUILDING WITH ASSOCIATED SITE PAVING AND LANDSCAPING IMPROVEMENTS. UPON COMPLETION OF THE BUILDING CONSTRUCTION, A NEW SYNTHETIC TURF SOCCER FIELD WILL BE CONSTRUCTED. THE NEW BUILDING AND ALL AREAS OF THE PROPOSED SITE WORK THAT LIE WITHIN MASTER DRAINAGE PLAN BASIN C WILL DISCHARGE ALL ROOF DRAINAGE DIRECTLY TO NEW STORM DRAINS THAT WILL BE EXTENDED FROM THE MASTER PLANNED STORM DRAINS CONSTRUCTED WITH PREVIOUS PHASES AND THAT EVENTUALLY OUTFALL TO THE GRANT LINE CHANNEL AFTER BEING ROUTED THROUGH THE EXISTING WATER QUALITY / DETENTION POND CONSTRUCTED WITH PHASE 1 THAT RETAIN A MAXIMUM OF 18" DEPTH OF RUNOFF. STORMWATER IN EXCESS OF THAT DEPTH DISCHARGES DIRECTLY TO THE GRANT LINE CHANNEL VIA CHANNEL PENETRATION CONSTRUCTED WITH PHASE 1. THE SOUTHERN PORTION OF THE PROPOSED PROJECT LIMITS LIE WITHIN MASTER DRAINAGE PLAN BASIN A AND WILL DRAIN TO NEW STORM DRAINS EXTENDED FROM MASTER PLANNED STORM DRAINS CONSTRUCTED WITH PREVIOUS PHASES AND THAT ARE ROUTED THROUGH WATER QUALITY PONDS BEFORE OVERFLOWING VIA SIDEWALK CULVERTS TO MONTGOMERY BOULEVARD NE.

VI. GRADING PLAN

THE GRADING PLAN ON SHEETS CG-101 SHOWS: 1) EXISTING GRADES INDICATED BY SPOT ELEVATIONS AND CONTOURS FROM THE TOPOGRAPHIC, BOUNDARY AND UTILITY SURVEY CONDUCTED BY THIS OFFICE DATED 06/30/2008 AND SUPPLEMENTED AND UPDATED 07/23/2009, 10/6/2009 AND 01/03/2011 (NMPHS 11184), 2) PROPOSED GRADES INDICATED BY FLOOR ELEVATIONS, SPOT ELEVATIONS, NMPS, TOP OF CURB ELEVATIONS AND FLOWLINES, 3) THE LIMIT AND CHARACTER OF THE EXISTING IMPROVEMENTS AS SHOWN BY THE FOREMENTIONED SURVEY, 4) THE LIMIT AND CHARACTER OF THE PROPOSED IMPROVEMENTS, AND 5) CONTINUITY BETWEEN PROPOSED AND EXISTING GRADES.

VII. CALCULATIONS

THIS PROJECT WAS IDENTIFIED BY THE REFERENCED MASTER DRAINAGE REPORT WHICH INCLUDED COMPREHENSIVE OVERALL DRAINAGE CALCULATIONS FOR THE OVERALL SITE OF WHICH THIS IS THE THIRD PHASE. AS SUCH, NEW CALCULATIONS FOR THIS SPECIFIC AREA ARE NOT PROVIDED HERewith. THE PROPOSED PROJECT WILL RESULT IN A RELATIVE MATCHING CONDITION IN IMPERVIOUS AREA WITH ALL DEVELOPED RUNOFF BEING INTERCEPTED DIRECTLY BY THE PROPOSED STORM DRAIN SYSTEM AND ROUTED THROUGH DETENTION / WATER QUALITY PONDS THAT WILL RETAIN AN 18" DEPTH OF RUNOFF FOR WATER QUALITY AND QUANTITY LEED REQUIREMENTS, THEREBY RESULTING IN A SIGNIFICANT DECREASE IN THE VOLUME AND PEAK RATE AND DISCHARGE FROM THIS AREA TO THE ADJACENT STREETS WHILE ALSO IMPROVING THE MANNER OF DISCHARGE.

VIII. CONCLUSIONS

THE PROPOSED CONTINUED DISCHARGE OF RUNOFF FROM THIS AREA OF THE SITE TO ADJACENT PUBLIC CITY STREETS AND A PUBLIC CITY DRAINAGE CHANNEL AT IS JUSTIFIED DUE TO THE FOLLOWING:

- 1) MODIFICATION TO AN EXISTING SITE WITHIN AN INFILL AREA
- 2) CONFORMANCE WITH MASTER DRAINAGE REPORT THAT SPECIFICALLY INCLUDED THIS DEVELOPMENT
- 3) IMPROVED MANNER OF DISCHARGE TO EXISTING OUTFALL.
- 4) THERE ARE NO PUBLIC DRAINAGE EASEMENTS REQUIRED TO IMPLEMENT THIS PROJECT.

ENGINEER'S CERTIFICATION

I, J. J. GRAEME MEANS, NMPE 13676, OF THE FIRM HIGH MESA CONSULTING GROUP HEREBY CERTIFY THAT THE SITE HAS BEEN CONSTRUCTED IN SUBSTANTIAL COMPLIANCE WITH AND IN ACCORDANCE WITH THE DESIGN INTENT OF THE APPROVED GRADING PLAN DATED 06/25/2014. THIS SUBMITTAL IS MADE TO DOCUMENT THE AS-CONSTRUCTED CONDITION AND TO SUPPORT PERMANENT CERTIFICATE OF OCCUPANCY.

THE FOLLOWING DEVIATIONS FROM THE APPROVED PLAN THAT DO NOT PRECLUDE CERTIFICATION OF THE PLAN INTENT WERE NOTED ON THE PLAN AND ARE DOCUMENTED HEREIN:

- 1) THE 15 INCH SOLID WALL STORM DRAIN RUNNING FROM SOUTH TO NORTH ALONG THE EAST SIDE OF THE SIDEWALK WAS REPLACED WITH A PERFORATED STORM DRAIN WITH A GRAVEL POCKET. THIS CHANGE WAS MADE TO ACCOMMODATE A FUTURE SYNTHETIC TURF SOCCER FIELD WITH UNDER-DRAIN SYSTEM THAT WILL BE CONSTRUCTED BY SEPARATE PROJECT. THE CONTINUOUS GRAVEL STRIP WILL ALLOW FOR SURFACE INTERCEPTION OF RUNOFF IN LIEU OF THE PREVIOUSLY PROPOSED GRATE MANHOLE LIDS THAT WOULD PRESENT A HAZARD FOR SOCCER PLAYERS.
- 2) THE SITE STORM DRAIN IN THE TRIANGULAR AREA SOUTHWEST OF THE NEW CAFETERIA WAS NOT CONSTRUCTED PER PLAN. THE AS-CONSTRUCTED ROUTING AND CONNECTIONS ARE SHOWN ON SHEET CG-101. THE INLETS ARE CLOSE TO DESIGNED LOCATION AND WILL SERVE TO ACCEPT RUNOFF FROM THE SURROUNDING SYNTHETIC TURF. THE AS-BUILT INLETS RESULT IN AN AVERAGE SLOPE OF 5.0:100 AS OPPOSED TO THE DESIGNED AVERAGE OF 0.006, A MINOR DECREASE THAT WILL NOT HAVE AN ADVERSE IMPACT ON THE OVERALL SYSTEM THAT WILL FLOW UNDER PRESSURE DURING LARGE EVENTS AND IN THE CASE OF CLOGGING OR OVERFLOW, WILL OVERFLOW TO THE EAST TO THE GRAVEL DRAIN.

THE RECORD SURVEY INFORMATION EDITED ONTO THE APPROVED PLAN IS FROM POST-CONSTRUCTION DRAINAGE VERIFICATION SURVEYS CONDUCTED 1/22/2016 AND 2/28/2016 UNDER THE DIRECT SUPERVISION OF CHARLES G. CALA, JR., PS 11184, ALSO OF THE FIRM HIGH MESA CONSULTING GROUP. I FURTHER CERTIFY THAT I PERSONALLY VISITED THE PROJECT SITE ON NUMEROUS OCCASIONS AND HAVE DETERMINED BY VISUAL INSPECTION THAT THE DATA PROVIDED APPEARS TO BE REPRESENTATIVE OF ACTUAL SITE CONDITIONS AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

THE RECORD INFORMATION PRESENTED HEREIN IS NOT NECESSARILY COMPLETE, AND DOES NOT ADDRESS COMPLIANCE WITH A.D.A. GUIDELINES, AND IS INTENDED ONLY TO VERIFY SUBSTANTIAL COMPLIANCE OF THIS PROJECT. THOSE RELYING ON THIS RECORD DOCUMENT ARE ADVISED TO OBTAIN INDEPENDENT VERIFICATION OF ITS ACCURACY BEFORE USING IT FOR ANY OTHER PURPOSE.

J. J. GRAEME MEANS, NMPE 13676
DATE 03/03/2016

GENERAL NOTES

1. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE NEW MEXICO STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION - 1987, PUBLISHED BY THE NEW MEXICO CHAPTER AMERICAN PUBLIC WORKS ASSOCIATION. (REVISED 12/06)
2. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM, 260-1990, FOR DESIGNATION (LINE-SPOTTING) OF EXISTING PUBLIC UTILITIES AND EXISTING UTILITIES OWNED AND OPERATED BY ALBUQUERQUE PUBLIC SCHOOLS.
3. IF ANY UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINES ARE SHOWN ON THESE DRAWINGS, THEY ARE SHOWN IN AN APPROXIMATE MANNER ONLY, AND SUCH LINES MAY EXIST WHERE NONE ARE SHOWN. IF ANY SUCH EXISTING LINES ARE SHOWN, THE LOCATION IS BASED UPON INFORMATION PROVIDED BY THE OWNER OF SAID UTILITY, AND THE INFORMATION MAY BE INCOMPLETE, OR MAY BE OBSOLETE BY THE TIME CONSTRUCTION COMMENCES. THE ENGINEER HAS CONDUCTED ONLY PRELIMINARY INVESTIGATION OF THE LOCATION, DEPTH, SIZE, OR TYPE OF EXISTING UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINES. THIS INVESTIGATION IS NOT CONCLUSIVE, AND MAY NOT BE COMPLETE. THEREFORE, MAKES NO REPRESENTATION PERTAINING THERETO, AND ASSUMES NO RESPONSIBILITY OR LIABILITY THEREFOR. THE CONTRACTOR SHALL INFORM ITSELF OF THE LOCATION OF ANY UTILITY LINE, PIPELINE, OR UNDERGROUND UTILITY LINE IN OR NEAR THE AREA OF THE WORK IN ADVANCE OF AND DURING EXCAVATION WORK. THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY AND ALL DAMAGE CAUSED BY ITS FAILURE TO LOCATE, IDENTIFY AND PRESERVE ANY AND ALL EXISTING UTILITIES, PIPELINES, AND UNDERGROUND UTILITY LINES. IN PLANNING AND CONDUCTING EXCAVATION, THE CONTRACTOR SHALL COMPLY WITH STATE STATUTES, MUNICIPAL AND LOCAL ORDINANCES, RULES AND REGULATIONS, IF ANY, PERTAINING TO THE LOCATION OF THESE LINES AND FACILITIES.
4. SHOULD A CONFLICT EXIST BETWEEN THESE PLANS AND ACTUAL FIELD CONDITIONS, THE CONTRACTOR SHALL PROMPTLY NOTIFY THE ENGINEER IN WRITING SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY FOR ALL PARTIES.
5. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ADJACENT PROPERTIES DURING CONSTRUCTION.
6. ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL LAWS, RULES AND REGULATIONS CONCERNING SAFETY AND HEALTH.
7. THE CONTRACTOR SHALL ENSURE THAT NO SOIL ERODES FROM THE SITE INTO PUBLIC RIGHT-OF-WAY OR ONTO PRIVATE PROPERTY.
8. THE CONTRACTOR SHALL PROMPTLY CLEAN UP ANY MATERIAL EXCAVATED WITHIN THE PUBLIC RIGHT-OF-WAY SO THAT THE EXCAVATED MATERIAL IS NOT SUSCEPTIBLE TO BEING WASHED DOWN THE STREET.
9. CONTRACTOR SHALL NOTIFY THE SURVEYOR NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE SURVEYOR MAY TAKE NECESSARY MEASURES TO ENSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE SURVEYOR AND SHALL NOTIFY THE SURVEYOR AND BEAR THE EXPENSE OF REPLACING ANY THAT MAY BE DISTURBED. THE GRANT LINE CHANNEL, WHICH IS BETTER SUITED TO ACCEPT AND CONVEY TO FLOWS, IS MADE IN THE FINISHED ELEVATION OF THE PAVEMENT OF ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED, CONTRACTOR SHALL, AT HIS OWN EXPENSE, ADJUST THE MONUMENT COVER TO THE NEW GRADE UNLESS OTHERWISE SPECIFIED.
10. ALL PAVEMENT MARKINGS AND TRAFFIC SIGNS SHALL COMPLY WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) PUBLISHED BY THE U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION, LATEST EDITION.
11. IF THE REMOVAL OF EXISTING CURB AND GUTTER, SIDEWALK, AND/OR PAVING IS REQUIRED, THE CONTRACTOR SHALL SAWCUT AND/OR REMOVE TO THE NEAREST JOINT. WHEN ABUTTING NEW PAVEMENT TO EXISTING, THE CONTRACTOR SHALL CUT BACK THE EXISTING PAVING TO A STRAIGHT LINE IN ORDER TO REMOVE ANY BROKEN OR CRACKED PAVEMENT. CURB AND GUTTER AND/OR PAVEMENT SHOWN AS EXISTING AND NOT TO BE REMOVED UNDER THIS CONTRACT AND WHICH IS DAMAGED OR DISPLACED BY THE CONTRACTOR SHALL BE REMOVED AND REPLACED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.
12. A DISPOSAL SITE FOR ALL EXCESS EXCAVATION MATERIAL (CONTAMINATED OR OTHERWISE), ASPHALTIC PAVING, CONCRETE PAVING, ETC. SHALL BE OBTAINED BY THE CONTRACTOR IN COMPLIANCE WITH APPLICABLE REGULATIONS. ALL COSTS INCURRED IN OBTAINING A DISPOSAL SITE SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. WHEN A DISPOSAL SITE IS IN HAUL THERETO SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION, THEREFORE, NO SEPARATE PAYMENT SHALL BE MADE.
13. A BORROW SITE FOR IMPORT MATERIAL SHALL BE OBTAINED BY THE CONTRACTOR IN COMPLIANCE WITH APPLICABLE REGULATIONS. ALL COSTS INCURRED IN OBTAINING A BORROW SITE AND IN HAUL THERETO SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION, THEREFORE, NO SEPARATE PAYMENT SHALL BE MADE.
14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SAFELY OBTAINING THE REQUIRED COMPACTION. THE CONTRACTOR SHALL SELECT AND USE METHODS WHICH SHALL NOT BE INJURIOUS OR DAMAGING TO THE EXISTING FACILITIES AND STRUCTURES WHICH SURROUND THE WORK AREAS.
15. THE CONTRACTOR SHALL CONFINE HIS WORK WITHIN THE CONSTRUCTION LIMITS IN ORDER TO PRESERVE THE EXISTING IMPROVEMENTS AND SO AS NOT TO INTERFERE WITH THE OPERATIONS OF THE EXISTING FACILITIES.
16. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SELECTING APPROPRIATE MEANS AND METHODS TO EXCAVATE AND TRENCH AND/OR INSTALL PIPE SO AS TO NOT EXCEED RIGHT-OF-WAY OR EASEMENT LIMITS, AND SO AS NOT TO INTERFERE WITH OTHER UTILITIES OR IMPROVEMENTS. THIS SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.
17. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING, SUPPORTING AND REPLACING, IF DAMAGED, ALL UTILITIES ENCOUNTERED DURING CONSTRUCTION. THIS SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.
18. ALL DIMENSIONS AND RADII OF CURB, CURB RETURNS, AND WALLS ARE SHOWN TO THE FACE OF CURB AND/OR WALL.
19. THE CONTRACTOR SHALL NOTIFY THE OWNER 48 HOURS PRIOR TO STRIPING SO THAT LAYOUT CAN BE VERIFIED.
20. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF ALL POTENTIAL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IN WRITING SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL INTERPRETATIONS IT MAKES WITHOUT FIRST CONTACTING THE ENGINEER AS REQUIRED ABOVE.
21. ALL FILL SHALL BE FREE FROM VEGETATION, DEBRIS, AND OTHER DELETERIOUS MATERIALS.
22. ALL FILL SHALL BE COMPACTED TO A MINIMUM OF 95% ASTM D-1557 UNLESS A GREATER COMPACTION REQUIREMENT IS OTHERWISE SPECIFIED.
23. REFER TO GEOTECHNICAL REPORT FOR EARTHWORK REQUIREMENTS AND PROCEDURES.
24. CAUTION: THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY WHICH SHALL REMAIN THE RESPONSIBILITY OF THE CONTRACTOR. ALL EXCAVATION, TRENCHING AND SHORING ACTIVITIES MUST BE CARRIED-OUT IN ACCORDANCE WITH OSHA 29 CFR 1926, SUBPART P-EXCAVATIONS.
25. THE CONTRACTOR SHALL SECURE ON BEHALF OF THE OWNER AND OPERATORS "FUGITIVE DUST CONTROL PERMIT" FROM THE CITY AND FILE A NOTICE OF INTENT (N.O.I.) WITH THE EPA PRIOR TO BEGINNING CONSTRUCTION. PLEASE REFER TO WWW.CAQI.GOV FOR FUGITIVE DUST PERMITTING REQUIREMENTS, APPLICATIONS, AND TECHNIQUES. PLEASE REFER TO OWNER PROVIDED SWPPP FOR THIS PROJECT.

CONSTRUCTION NOTES:

1. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM 260-1990 FOR DESIGNATION (LINE-SPOTTING) OF EXISTING PUBLIC UTILITIES AND EXISTING UTILITIES OWNED AND OPERATED BY ALBUQUERQUE PUBLIC SCHOOLS.
2. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF ALL POTENTIAL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IN WRITING SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL INTERPRETATIONS IT MAKES WITHOUT FIRST CONTACTING THE ENGINEER AS REQUIRED ABOVE.
3. 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.
4. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREON, SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION AS REVISED THROUGH UPDATE #7, AMENDMENT 1.
5. IF ANY UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINES ARE SHOWN ON THESE DRAWINGS, THEY ARE SHOWN IN AN APPROXIMATE MANNER ONLY, AND SUCH LINES MAY EXIST WHERE NONE ARE SHOWN. IF ANY SUCH EXISTING LINES ARE SHOWN, THE LOCATION IS BASED UPON INFORMATION PROVIDED BY THE OWNER OF SAID UTILITY, AND THE INFORMATION MAY BE INCOMPLETE, OR MAY BE OBSOLETE BY THE TIME CONSTRUCTION COMMENCES. THE ENGINEER HAS CONDUCTED ONLY PRELIMINARY INVESTIGATION OF THE LOCATION, DEPTH, SIZE, OR TYPE OF EXISTING UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINES. THIS INVESTIGATION IS NOT CONCLUSIVE, AND MAY NOT BE COMPLETE. THEREFORE, MAKES NO REPRESENTATION PERTAINING THERETO, AND ASSUMES NO RESPONSIBILITY OR LIABILITY THEREFOR. THE CONTRACTOR SHALL INFORM ITSELF OF THE LOCATION OF ANY UTILITY LINE, PIPELINE, OR UNDERGROUND UTILITY LINE IN OR NEAR THE AREA OF THE WORK IN ADVANCE OF AND DURING EXCAVATION WORK. THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY AND ALL DAMAGE CAUSED BY ITS FAILURE TO LOCATE, IDENTIFY AND PRESERVE ANY AND ALL EXISTING UTILITIES, PIPELINES, AND UNDERGROUND UTILITY LINES. IN PLANNING AND CONDUCTING EXCAVATION, THE CONTRACTOR SHALL COMPLY WITH STATE STATUTES, MUNICIPAL AND LOCAL ORDINANCES, RULES AND REGULATIONS, IF ANY, PERTAINING TO THE LOCATION OF THESE LINES AND FACILITIES.
6. THE DESIGN OF PLANTERS AND LANDSCAPED AREAS IS NOT PART OF THIS PLAN. ALL PLANTERS AND LANDSCAPED AREAS ADJACENT TO THE BUILDINGS SHALL BE PROVIDED WITH POSITIVE DRAINAGE TO AVOID ANY PONDING ADJACENT TO THE STRUCTURE. FOR CONSTRUCTION DETAILS, REFER TO LANDSCAPING PLAN.
7. THE CONTRACTOR SHALL SECURE ON BEHALF OF THE OWNER AND OPERATORS "FUGITIVE DUST CONTROL PERMIT" FROM THE CITY AND FILE A NOTICE OF INTENT (N.O.I.) WITH THE EPA PRIOR TO BEGINNING CONSTRUCTION. PLEASE REFER TO WWW.CAQI.GOV FOR FUGITIVE DUST PERMITTING REQUIREMENTS, APPLICATIONS, AND TECHNIQUES. PLEASE REFER TO OWNER PROVIDED SWPPP FOR THIS PROJECT.

EROSION CONTROL MEASURES:

1. THE CONTRACTOR SHALL ENSURE THAT NO SOIL ERODES FROM THE SITE INTO PUBLIC RIGHT-OF-WAY OR ONTO PRIVATE PROPERTY.
2. THE CONTRACTOR SHALL PROMPTLY CLEAN UP ANY MATERIAL EXCAVATED WITHIN THE PUBLIC RIGHT-OF-WAY SO THAT THE EXCAVATED MATERIAL IS NOT SUSCEPTIBLE TO BEING WASHED DOWN THE STREET.
3. THE CONTRACTOR SHALL SECURE ON BEHALF OF THE OWNER AND OPERATORS "FUGITIVE DUST CONTROL PERMIT" FROM THE CITY AND FILE A NOTICE OF INTENT (N.O.I.) WITH THE EPA PRIOR TO BEGINNING CONSTRUCTION. PLEASE REFER TO WWW.CAQI.GOV FOR FUGITIVE DUST PERMITTING REQUIREMENTS, APPLICATIONS, AND TECHNIQUES. PLEASE REFER TO OWNER PROVIDED SWPPP FOR THIS PROJECT.

WATER, SANITARY SEWER AND GAS CONSTRUCTION NOTES:

1. FOR ALL WATER LINES 4" TO 12", WATER MAIN SHALL BE PVC C-900 DR18 PIPE OR AS APPROVED BY THE WATER AUTHORITY. DUCTILE IRON IS AN ACCEPTABLE PIPE MATERIAL IN LIEU OF PVC.
2. WATER LINE SERVICES AND FITTINGS SMALLER THAN 4" SHALL BE OF A MATERIAL APPROVED BY THE CITY OF ALBUQUERQUE BUILDING DEPARTMENT.
3. WATER LINE SHALL HAVE A MINIMUM COVER OF 3'-0" (FINISHED GRADE TO TOP OF PIPE) FOR ALL LINES 12" OR SMALLER; 4'-0" MINIMUM COVER FOR LINES 16" AND LARGER. EXTRA DEPTH TRENCHING, IF REQUIRED, SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.
4. NEW WATER AND NATURAL GAS INSTALLATIONS SHALL INCLUDE INSULATED 12 GAUGE COPPER TRACER WIRE INSTALLED CONTINUOUSLY ALONG THE PIPE WITH WATER-PROOF SPICE BOXES AT JUNCTIONS AND TEES. TRACER WIRE SHALL BE ACCESSIBLE AT ALL VALVES, SERVICES, AND RISERS. TRACER WIRE SHALL BE CONSIDERED INCIDENTAL TO UTILITY INSTALLATION, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.
5. IN ACCORDANCE WITH SECTION 801 OF THE "STANDARD SPECIFICATIONS", METALIZED DETECTABLE WARNING TAPE SHALL BE INSTALLED 18" ABOVE ALL PVC PIPE INSTALLED ON THIS PROJECT.
6. JOINT RESTRAINT SHALL BE CONSIDERED INCIDENTAL TO WATER LINE CONSTRUCTION THEREFORE NO SEPARATE PAYMENT WILL BE MADE.
7. JOINT RESTRAINT SHALL BE PROVIDED ON ALL JOINTS OF FIRE LINES FROM TEE TO BUILDING INCLUDING THE TEE.
8. FOR THE PURPOSES OF THIS PROJECT, ALL RESTRAINED JOINTS AND JOINT RESTRAINT SHALL BE MECHANICALLY RESTRAINED. JOINT RESTRAINT LENGTHS SPECIFIED HEREON ARE THE LENGTHS TO BE RESTRAINED EACH SIDE OF THE FITTING.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SELECTING APPROPRIATE MEANS AND METHODS TO EXCAVATE AND TRENCH AND INSTALL PIPE SO AS TO NOT EXCEED RIGHT-OF-WAY OR EASEMENT LIMITS, AND SO AS NOT TO INTERFERE WITH OTHER UTILITIES. THIS SHALL BE CONSIDERED INCIDENTAL TO TRENCHING, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING, SUPPORTING AND REPLACING, IF DAMAGED, ALL OTHER UTILITIES ENCOUNTERED DURING CONSTRUCTION. THIS SHALL BE CONSIDERED INCIDENTAL TO TRENCHING, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.
11. ALL SEWER PIPE SHALL BE PVC (SDR-35).
12. GAS LINES, FITTINGS AND APPURTENANCES SHALL BE OF TYPE AND MATERIAL AS SPECIFIED BY THE PLUMBING ENGINEER.

EXPANDED LEGEND (APPLIES TO ALL CIVIL SHEETS)

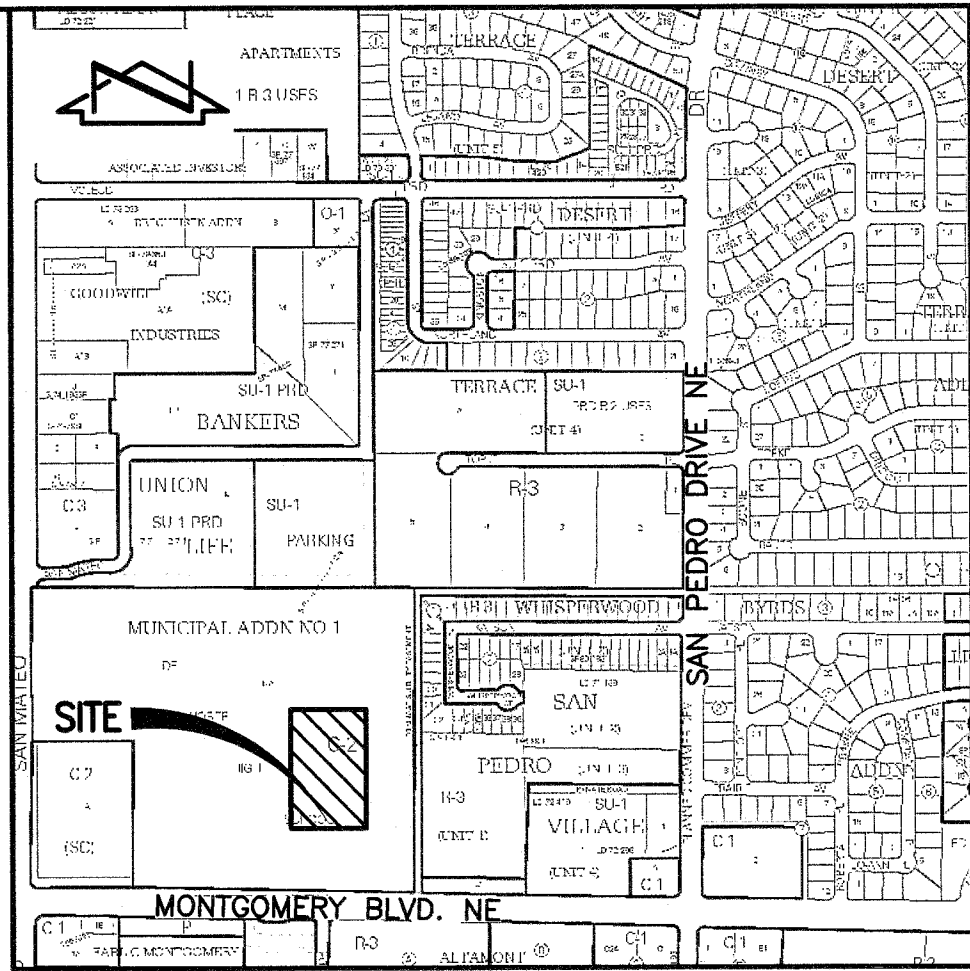
AL AREA LIGHT	DOOR OF OVERHEAD DOOR
AP ASPHALT PATH	OF OVERFLOW
ARD ASPHALT RUNDOWN	OH(1) OVERHEAD COMMUNICATION (# OF LINES)
ASB ATHLETIC STORAGE BUILDING	OH(1) OVERHEAD ELECTRIC (# OF LINES)
ASH ASPHALT	OWH OVERHEAD ELECTRIC MAST
AVH ANTI-SIPHON VALVE	PB PARKING BUMPER
AT ANNOUNCER'S TOWER	PBN PLASTIC BENCH
AW ART WORK/STATUE	PE PLAYGROUND EQUIPMENT
B ASH VALVE BOX	PI PRINTED ISLAND
BBS BASKETBALL GOAL	PV PORTABLE VALVE
BLCH BLEACHERS	PLT PLANTER
BLDG BUILDING	PP PORTABLE PIER
BOH BUILDING OVERHANG	PRV PRESSURE REDUCING VALVE IN VAULT
BR BIKE RACK	PS PARKING STRIPE
BRDG BRIDGE	PT PICKUP VAULT
BSC BRICKSUPPORT BUILDING SUPPORT COLUMN (CONCRETE MASONRY UNIT)	RCSB REINFORCED CONCRETE PIPE
C COMMUNICATION	RND ROOF DRAIN
C&G CURB AND GUTTER	RND ROOF DRAIN WITH SPLASH BOX
C/FRD COMMUNICATION FROM RECORD DRAWING	RRT ROW OF PARKING BUMPERS
C/PM COMMUNICATION BY PAINT MARK	RSC RAILROAD TIE
CB CONCRETE BENCH	RSC ROCK WATERFALL
CBC CONCRETE BUILDING COLUMN	SAS SANITARY SEWER
CBS CONCRETE CURB	SAS/FRD SANITARY SEWER FROM RECORD DRAWING
CCOH CONCRETE CHANNEL	SAS/PM SANITARY SEWER BY PAINT MARK
CGP CONCRETE GUARD POST	SC STEEL COVER
CH CONCRETE WITH HOPPER	SCB SPRINKLER CONTROL BOX
CHW CONCRETE HEAVYWALL	SCD STORM DRAIN CLEANOUT
CI CONCRETE ISLAND	SCD SPRINKLER CONTROL TIMER
CL CONCRETE PIPE	SOV SPRINKLER CONTROL VALVE
CLD CENTERLINE OF DOOR	SO/FRD STORM DRAIN FROM RECORD DRAWING
CLDD CENTERLINE OF DOUBLE DOOR	SDP STORM DRAIN INLET
CLEE CHAINLINK ELECTRIC ENCLOSURE	SDP SERVICE DROP POLE
CLF CHAINLINK FENCE	SSP STEEL GUARD POST
CLD CENTERLINE OF GARAGE DOOR	SSP STEEL GUARD POST WITH METAL RAIL
CMS CONCRETE MOW STRIP	SHR SPEED HUMP
CMS CONCRETE MASONRY UNIT	SHR STEEL HANDRAIL
CMU/NT CONCRETE MASONRY UNIT WITH NET FENCE	SPM SERVICE DROP POLE WITH CAMERA
CNC CANOPY COLUMN	SSV SMALL SPRINKLER VALVE
CND CANOPY	STD STANDARD
CO SANITARY SEWER CLEANOUT	STRG STORM DRAIN
COMM COMMUNICATION	SVB SPRINKLER VALVE BOX
CONV CONCRETE	SWP SEWER VENT PIPE
CP CONCRETE PIPE	SWC SIDEWALK
CPB CONCRETE PEDESTRIAN BRIDGE	SWC SIDEWALK CULVERT
CRP CONCRETE RAMP	SWNG SWING SET
CRD CONCRETE RUNDOWN	TA TOP OF ASPHALT
CRW CONCRETE RETAINING WALL	TC TOP OF CURB
CRW/CLF CONCRETE RETAINING WALL WITH CHAINLINK FENCE	TCB TELEPHONE CABINET
CS CONCRETE STEPS	TCB TRAFFIC CONTROL CABINET
CSW CONCRETE SIDEWALK	TCND TELEPHONE CONDUIT
CIC CONCRETE TRASH CAN	TCO TOP OF CONCRETE
CIS CONCRETE DIVISION RISER	TEL TELEPHONE
CV CONCRETE VAULT	TCR TOP OF GRATE
CBW CONCRETE WALL	TO TRAFFIC MAST
CBW/NT CONCRETE WALL WITH NET FENCE	TRR TELEPHONE RISER
DB DUST BLOWER	TRB TRAFFIC CONTROL BOX
DDO DOUBLE SANITARY SEWER CLEANOUT	TRR TRAILER
DDT DECORATIVE FUEL TANKS	TRPS TRAFFIC PULLBOX
DSC DOUBLE GATE	TRF TRAFFIC SIGNAL
DDO DOUBLE STORM DRAIN CLEANOUT	TRF TRAFFIC SIGN
DTC DRAIN THRU CURB	TOP TOP OF WALL
DWV DRAIN WASTE VENT	TYP TYPICAL
E/FRD ELECTRIC FROM RECORD DRAWING	VAL VALVE
E/PM ELECTRIC BY PAINT MARK	VMP VENDING MACHINE PORTABLE
EA EXISTING ASPHALT	W/FRD WATER FROM RECORD DRAWING
EC ELECTRIC CONDUIT	W/PM WATER BY PAINT MARK
EE EXERCISE EQUIPMENT	WAB WOOD BENCH
ELEC ELECTRIC	WCR WHEELCHAIR RAMP
EW ELECTRIC WATER	WDM WINDOW
ENCL ENCLOSURE	WDF WATER FAUCET
EO ELECTRIC OUTLET	WFP/FRD WATER AND FIRE PROTECTION FROM RECORD DRAWING
EPB ELECTRIC PULLBOX	WFT WATER FOUNTAIN
ESTR EXISTING PORTABLE	WHB WATER HOTBOX
ESTR EXISTING STORAGE	WLP WOOD LIGHT POLE
FFP FINISHED FLOOR	WLD WOOD DISC/SCAPE DIVIDER
FGP FOOTING GOAL POST	WMB WOOD METER BOX
FH FIRE HYDRANT	WMS WOOD AND METAL STEPS
FL FLOWLINE	WPD WOOD POLE
FDC FIRE DEPARTMENT CONNECTION	WPC WOOD POWER POLE WITH CONDUIT
FIP FLAG POLE	WPP WOOD POWER POLE
FPL FENCE POST WITH LIGHT	WPSL WOOD POWER POLE WITH STREET LIGHT
FRD RECORD DRAWING	WRP WOOD RAMP
G/FRD GAS FROM RECORD DRAWING	WSL WOOD SCHOOL SIGN
G/PM GAS BY PAINT MARK	WSL WOOD STEPS LANDING
GA GUY ANCHOR	WSN WOOD SIGN
GP GUARD POST	WST WOOD STEPS
GP/C GUARD POST WITH CABLE	WV WATER VAULT
GP/P GUARD POST WITH PIPE	WV WATER VALVE BOX
GPR GAS PRESSURE REGULATOR	BOULDER
GPRV GAS PRESSURE REGULATOR VALVE	CONFEROUS TREE
GR GUARD RAIL	DECIDUOUS TREE
GRV GRAVEL	SHRUB
GS GAS SERVICE	TREE DIAMETER
GT GATE	UTILITY LINE SPOT
GTR GREASE TRAP	YUCCA/CACTUS
GV GAS VALVE	
GVB GAS VALVE BOX	
HCS HANDICAP SIGN	
HRT HORIZONTAL RAILROAD TIE	
HT HEATER	
INV INVERT	
IT IRRIGATION TIMER	
LST LANDSCAPE TIMBER	
MB METAL BENCH	
MBC METAL BUILDING COLUMN	
MBH METAL HOME	
MC METAL CASE	
MCL METAL COLUMN	
MCV METER CAN WITH VALVE	
MFS METAL FIRE SUPPORT	
MGP METAL GUARD POST	
MH MANHOLE	
MHR METAL HANDRAIL	
MHP METAL LIGHT POLE	
MMB METAL MEMORIAL BENCH	
MP METAL POLE	
MPT METAL PICTURE TABLE	
MR METAL RAMP	
MSC METAL STORAGE CONTAINER	
MSD METAL SHED	
MSN METAL SIGN	
MTBN MATERIAL BINS	

INDEX OF CIVIL DRAWINGS

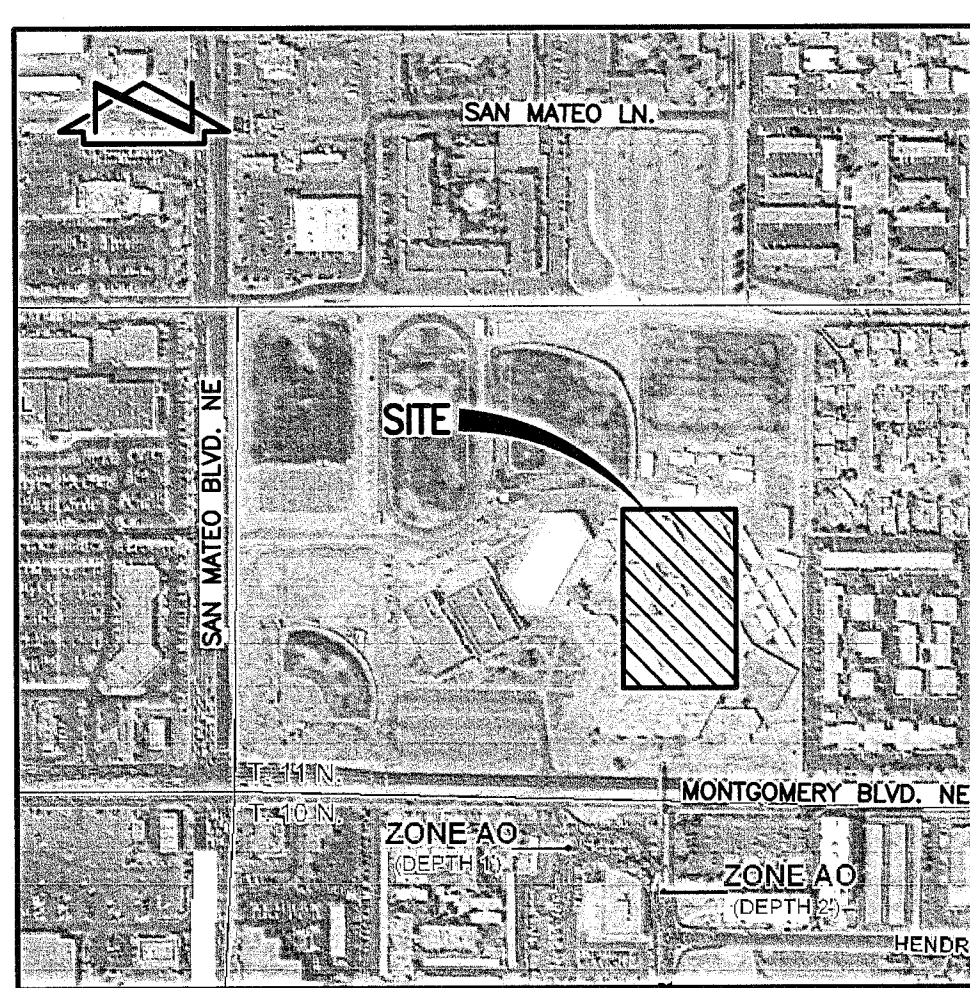
C-001	SITE INFORMATION, NOTES, LEGEND, INDEX OF DRAWINGS, DRAINAGE PLAN AND CALCULATIONS
CS-101	BUILDING LOCATION PLAN/OVERALL PLAN
CP-101	PAVING PLAN
CP-301	PAVING SECTIONS AND DETAILS
CG-101	GRADING PLAN
CG-301	STORM INLET SECTIONS AND DETAILS
CG-302	MANHOLE SECTIONS AND DETAILS
CU-101	WATER, NATURAL GAS, SANITARY SEWER, AND FIRE PROTECTION SITE PLAN
CU-301	WATER, SANITARY SEWER AND FIRE PROTECTION SECTIONS AND DETAILS



RECORD DRAWING



VICINITY MAP F-18



F.I.R.M. PANEL 139 OF 825

LEGAL DESCRIPTION

TRACT 9-1A, MUNICIPAL ADDITION NO. 1.

BENCHMARKS

PROJECT BENCHMARK

ACS 3 1/4" ALUMINUM CAP STAMPED "9-F18 1986", SET FLUSH IN THE TOP OF CURB, IN THE SOUTHEAST QUADRANT OF THE INTERSECTION OF SAN MATEO BOULEVARD AND SAN MATEO LANE N.E. ELEVATION = 5212.228 FEET (NAVD 1988)

T.B.M. #1

ACS 1 3/4" ALUMINUM CAP STAMPED "ACS BM, 11-F18", EPOXYED TO TOP OF CONCRETE BASE OF LIGHT STANCHION, ENE QUADRANT OF MONTGOMERY BOULEVARD AND MADEIRA DRIVE (EXTENDED) N.E. ELEVATION = 5229.041 FEET (NAVD 1988)

T.B.M. #2

A BRIDGE SPIKE WITH UMA CONTROL CAP LOCATED APPROXIMATELY 36' SOUTH OF THE PEDESTRIAN BRIDGE

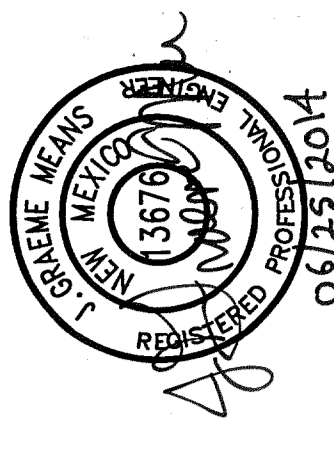
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File Name: 100481_CC-101-R3_A9.DWG	Plot Time: 3:08 pm

DEKKER
PERICH
SABATINI

7601 JEFFERSON NE, SUITE 100
ALBUQUERQUE, NM 87109
505.761.9700 / DPSDESIGN.ORG

ARCHITECT

ENGINEER



PROJECT 05/07/2016
DEL NORTE
HIGH SCHOOL
5323 MONTGOMERY NE
ALBUQUERQUE, NM

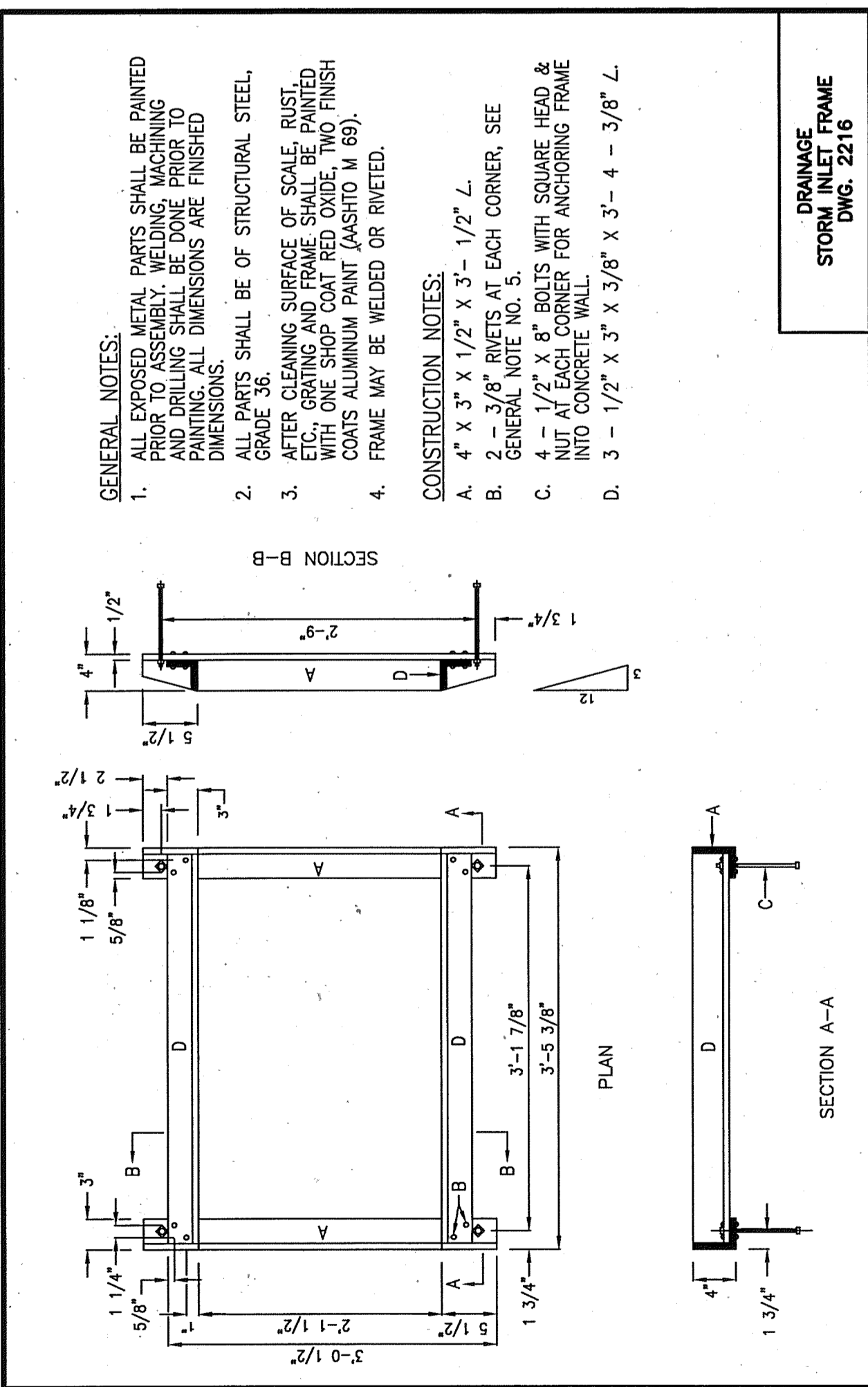
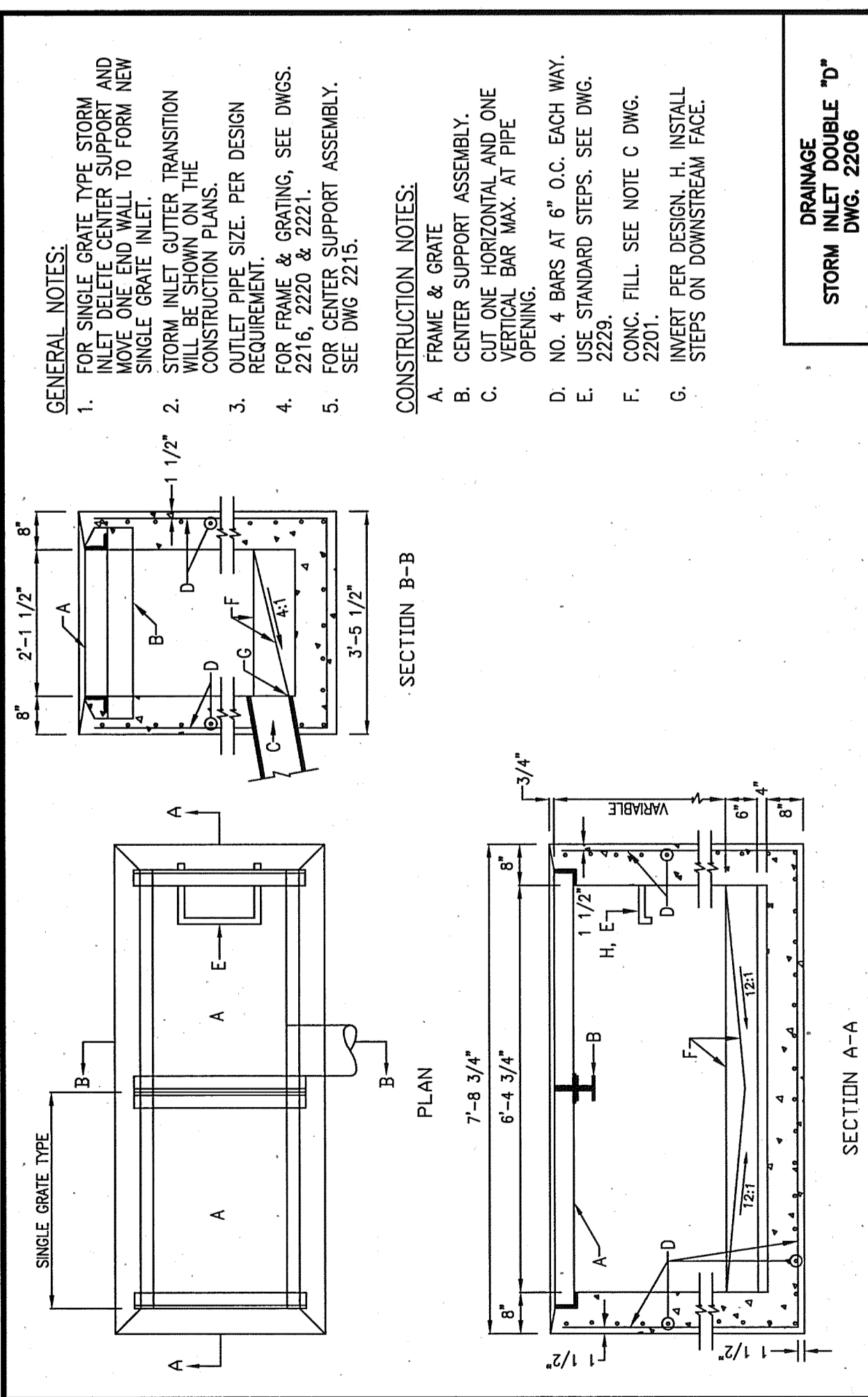
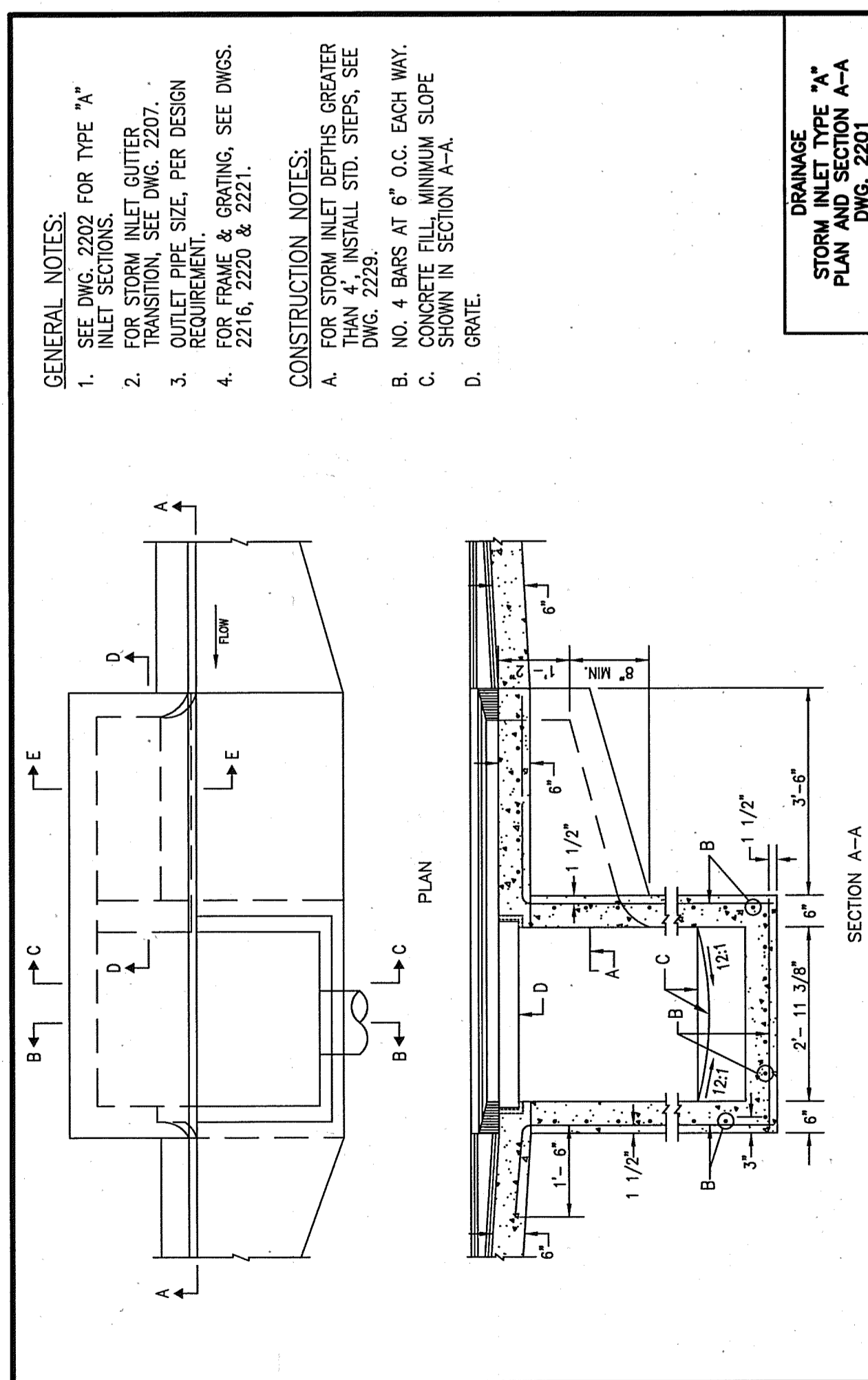
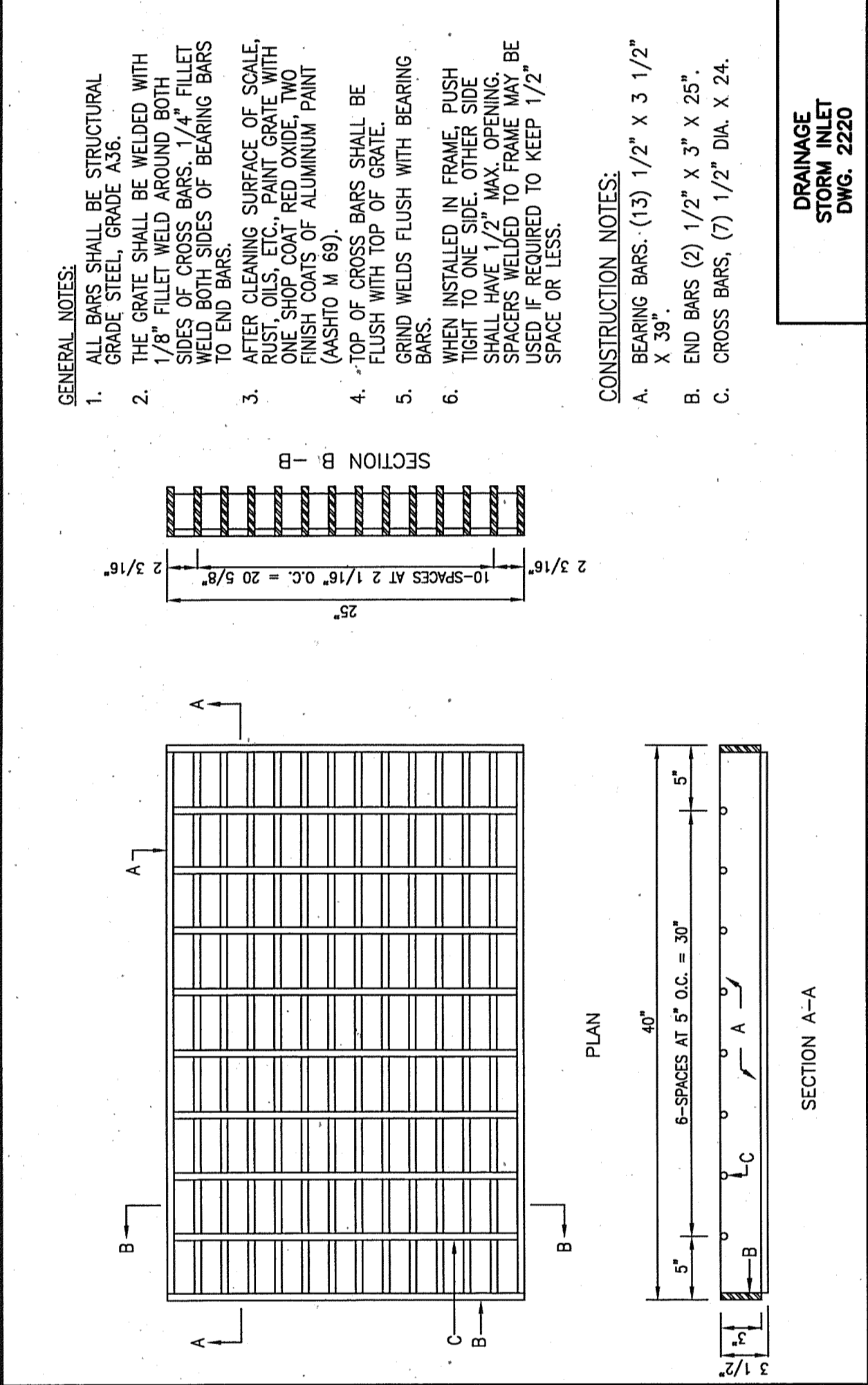
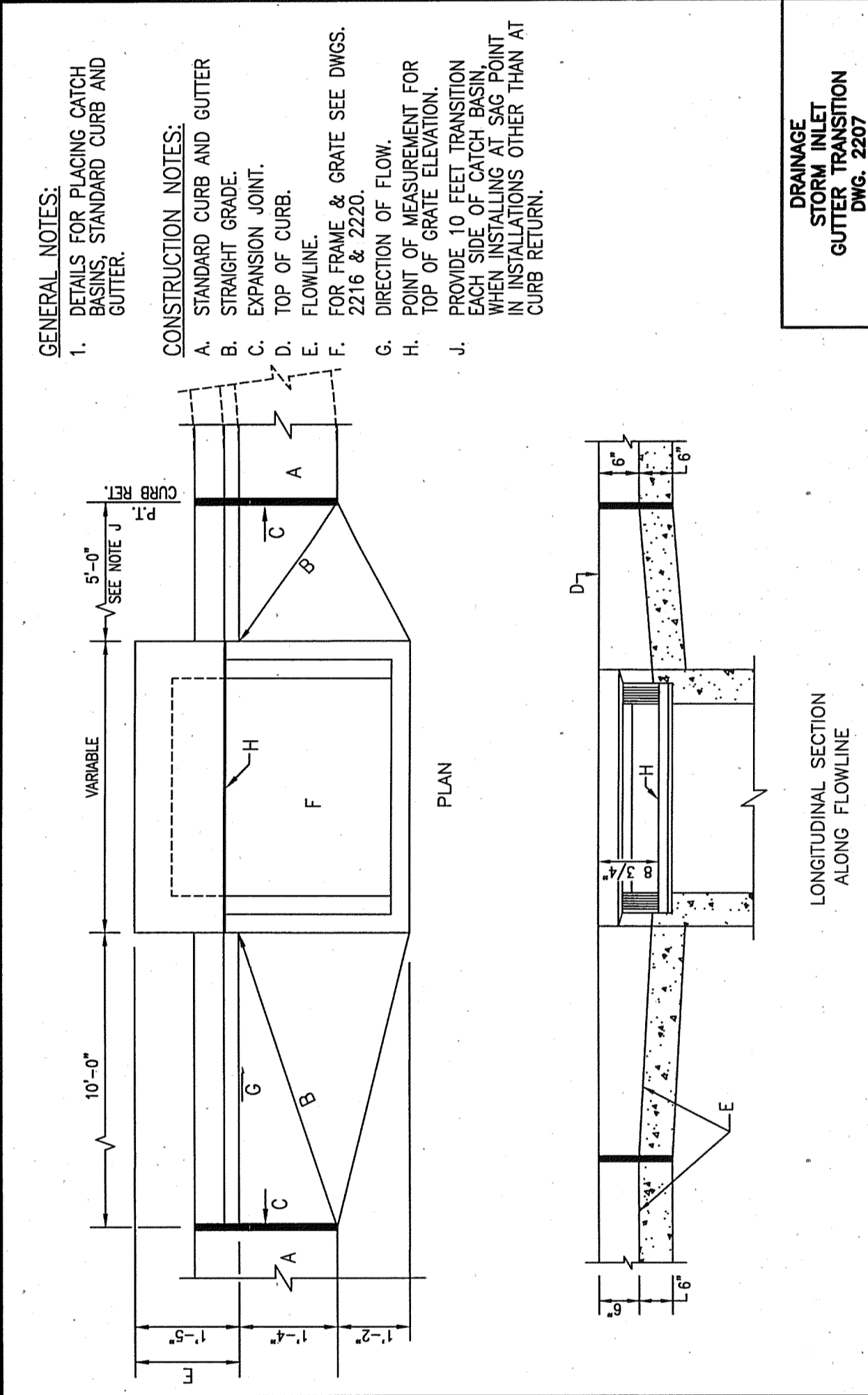
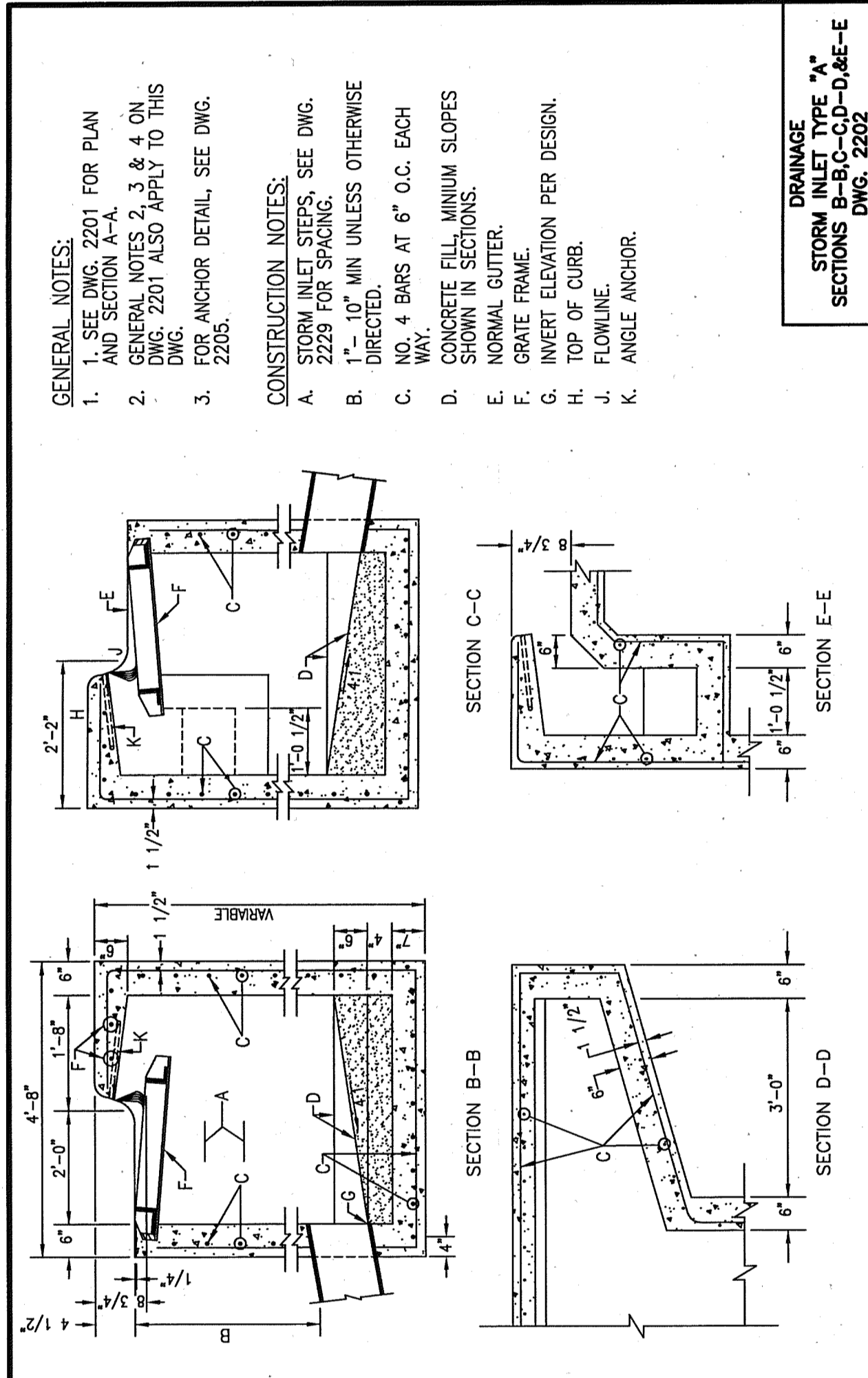
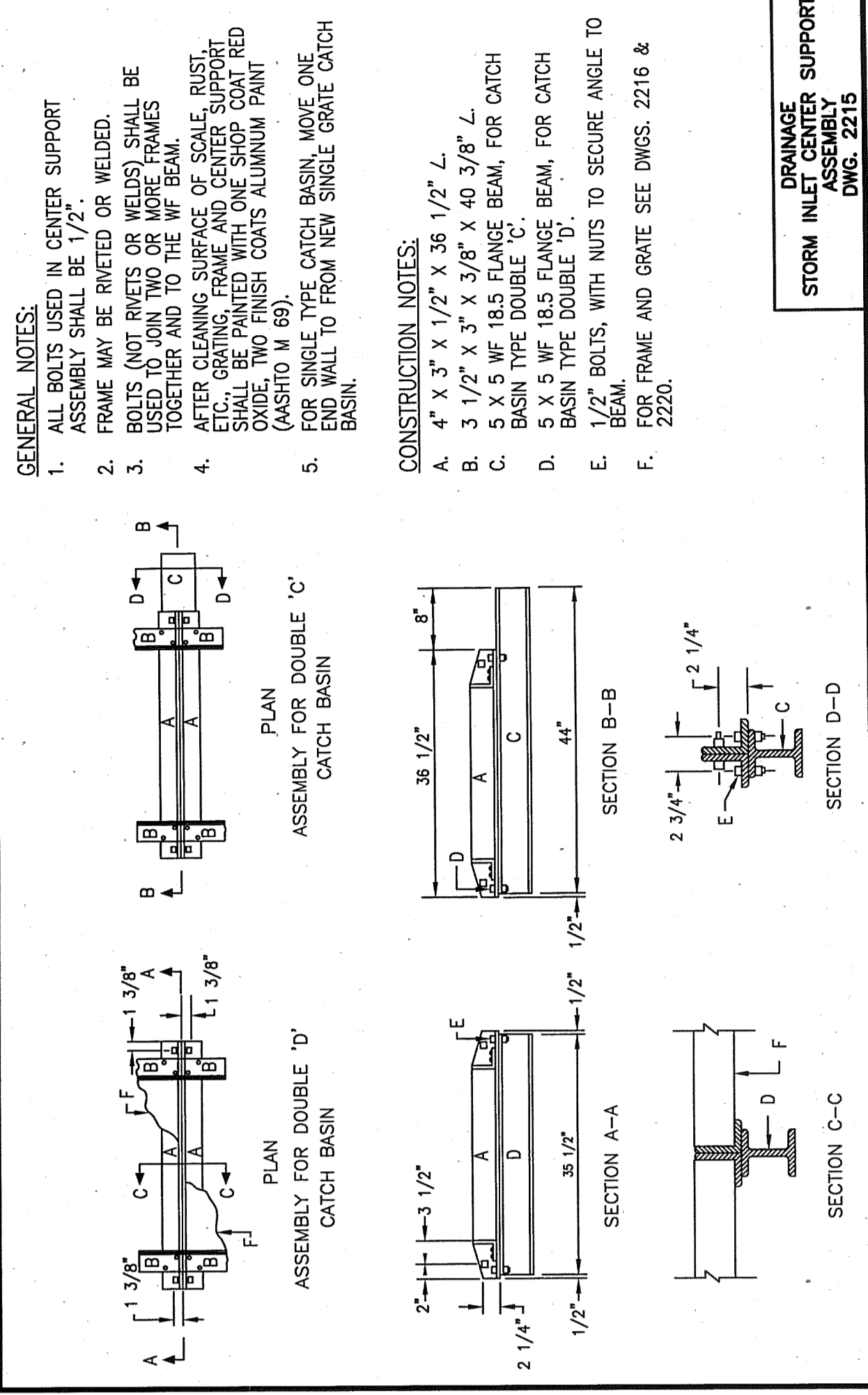
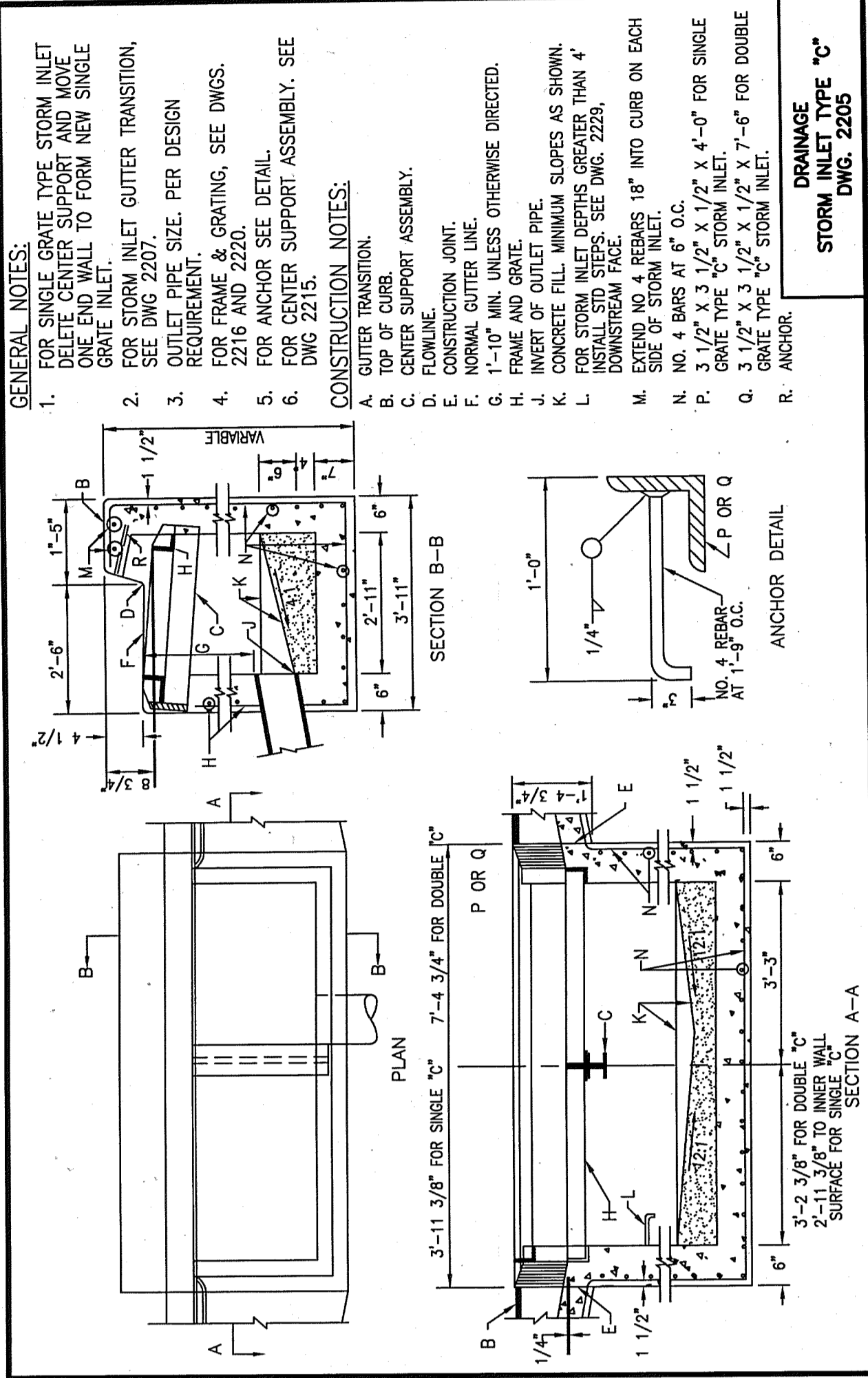
CAFETERIA BUILDING

REVISIONS	
NO CHANGE	
NO CHANGE	
NO CHANGE	
ENGINEER'S CERTIFICATION	

DRAWN BY	J.Y.R.
REVIEWED BY	G.M.
DATE	07-01-2014
PROJECT NO.	08-0041
DRAWING NAME	

STORM INLET
SECTIONS AND DETAILS

SHEET NO.
CG-301
OF



RECORD DRAWING
FOR CERTIFICATION, SEE SHEET C-001

HIGH MESA Consulting Group
4010 S MIDWAY PARK BLVD. NE • ALBUQUERQUE, NEW MEXICO 87109
PHONE: 505.345.4250 • FAX: 505.345.4254 • www.highmesacg.com
2015/04/03.T
2015/02/25



City of Albuquerque

Planning Department

Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 09/2015)

Project Title: Del Norte HS Cafeteria Building Permit #: _____ City Drainage #: F-18/DO54
 DRB#: _____ EPC#: _____ Work Order#: _____
 Legal Description: REMAINDER OF TRACTS A and B-1, A MUNICIPAL ADDITION NO 1
 City Address: 5323 MONTGOMERY NE, Albuquerque, NM 87109

Engineering Firm: High Mesa Consulting Group Contact: J. Graeme Means #13676
 Address: 6010 - B Midway Park Blvd. NE, Albuquerque NM 87109
 Phone#: (505) 345-4250 Fax#: (505) 345-4254 E-mail: gmeans@highmesacg.com

Owner: Albuquerque Public Schools (School Site) Contact: Richard Miller, PE
 Address: 915 Oak Street SE Albuquerque, NM 87106
 Phone#: (505) 848-8835 Fax#: _____ E-mail: miller_ra@aps.edu

Architect: Dekker/Perich/ Sabatini Contact: Sanjay Kadu
 Address: 7601 Jefferson NE Albuquerque, NM 87109
 Phone#: (505) 761-9700 Fax#: _____ E-mail: sanjayk@dpsdesign.org

Other Contact: ESA Construction Contact: Contact Owner
 Address: _____
 Phone#: _____ Fax#: _____ E-mail: _____

Check all that Apply:

DEPARTMENT:

☒ HYDROLOGY/ DRAINAGE
☐ TRAFFIC/ TRANSPORTATION
☐ MS4/ EROSION & SEDIMENT CONTROL

TYPE OF SUBMITTAL:

☒ ENGINEER/ ARCHITECT CERTIFICATION
☐ CONCEPTUAL G & D PLAN
☐ GRADING PLAN
☐ DRAINAGE MASTER PLAN
☐ DRAINAGE REPORT
☐ CLOMR/LOMR
☐ TRAFFIC CIRCULATION LAYOUT (TCL)
☐ TRAFFIC IMPACT STUDY (TIS)
☐ EROSION & SEDIMENT CONTROL PLAN (ESC)
☐ OTHER (SPECIFY) _____

CHECK TYPE OF APPROVAL/ACCEPTANCE SOUGHT:

☐ BUILDING PERMIT APPROVAL
☒ CERTIFICATE OF OCCUPANCY
☐ PRELIMINARY PLAT APPROVAL
☐ SITE PLAN FOR SUB'D APPROVAL
☐ SITE PLAN FOR BLDG. PERMIT APPROVAL
☐ FINAL PLAT APPROVAL
☐ SIA/ RELEASE OF FINANCIAL GUARANTEE
☐ FOUNDATION PERMIT APPROVAL
☐ GRADING PERMIT APPROVAL
☐ SO-19 APPROVAL
☐ PAVING PERMIT APPROVAL
☐ GRADING/ PAD CERTIFICATION
☐ WORK ORDER APPROVAL
☐ CLOMR/LOMR
☐ PRE-DESIGN MEETING
☐ OTHER (SPECIFY) _____

IS THIS A RESUBMITTAL?: ☐ Yes ☒ No

DATE SUBMITTED: 03/03/2016 By: J. Graeme Means

COA STAFF: _____ ELECTRONIC SUBMITTAL RECEIVED: _____