CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT CONSTRUCTION PLANS

ONE CENTRAL STORM DRAIN RELOCATION

1ST STREET NW COA Project 691881

BEGINNING OF CONSTRUCTION (1ST STREET NW)



END OF CONSTRUCTION (1ST STREET NV

VICINITY MAP

SCALE 1:150

Zone Atlas Maps K14

PURPOSE OF PROJECT STORM DRAIN RELOCATION 1ST STREET NW



SHEET NO.	DESCRIPTION	GROUP				
1-1	COVER SHEET					
1-1	INDEX OF SHEETS	GENERAL PROJECT INFORMATION				
1-2	GENERAL NOTES	GENERAL PROJECT INFORMATION				
1-3	SUMMARY OF QUANTITIES					
3-1	SURVEY CONTROL					
3-2	ACCESS RAMP PLAN	ROADWAY DETAILS				
3-3	CONCRETE WALL BARRIER MISC. DETAILS					
6-1	STORM DRAIN PLAN AND PROFILE	DRAINAGE DETAILS				
6-2	DRAINAGE PIPE COLLAR DETAIL	— DRAINAGE DETAILS				



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		Transporta	ation				APPROVED FOR CONSTRUCTION				
		Water/Wast	ewater								
		Hydrology									
		Parks									
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- SPECIFICATIONS ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS, 1986 EDITION, UPDATE 9.
- BUSINESS ACCESS THE CONTRACTOR SHALL PROVIDE INGRESS AND EGRESS TO LOCAL BUSINESSES AND RESIDENCES FOR THE DURATION OF THE PROJECT. THE CONTRACTOR SHALL ADVISE OF AND SCHEDULE ACCESS CLOSURES, AT LEAST 24 HOURS IN ADVANCE, WITH PROPERTY OWNERS AND THE CITY ENGINEER. THIS WORK WILL BE CONSIDERED
- 3. CONSTRUCTION SCHEDULE SEVEN (7) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION THE CONTRACTOR SHALL SUBMIT TO THE CONSTRUCTION SERVICES DIVISION A CONSTRUCTION SCHEDULE, THAT SHALL BE SUBMITTED AND UPDATED IN ACCORDANCE WITH THE CONTRACT. TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONSTRUCTION COORDINATION DIVISION. THE CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (924-3400) PRIOR TO OCCUPYING AN INTERSECTION. THIS WORK SHALL BE INCLUDED IN PAY ITEM 19.010 (CONSTRUCTION TRAFFIC CONTROL & BARRICADING, COMPL.)
- 4. NM ONE-CALL TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT N.M. ONE-CALL SYSTEM, 260-1990, FOR LOCATION OF EXISTING UTILITIES.
- 5. PERMITS CONTRACTOR SHALL BE RESPONSIBLE FOR ACQUIRING ALL PERMITS NECESSARY FOR CONSTRUCTION. PERMITS SHALL BE CONSIDERED INCIDENTAL TO THE ASSOCIATED WORK PERFORMED.
- 6. <u>24-HOUR CONSTRUCTION</u> ALL WORK IMPACTING ARTERIAL ROADWAY MAY REQUIRE 24-HOUR CONSTRUCTION IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE'S ORANGE BARREL POLICY. THE CONSTRUCTION COORDINATION ENGINEER SHALL DETERMINE IF MARATHON CONSTRUCTION IS REQUIRED AND COORDINATE WITH THE CONTRACTOR.
- 7. INTERSECTION WORK CRITICAL INTERSECTION WORK SHALL NOT START UNTIL THE CONTRACTOR HAS ALL MATERIAL EQUIPMENT, AND NECESSARY PERSONNEL ON-SITE. TRAFFIC CONTROL DEVICES SHALL NOT BE PLACED PREMATURELY.
- 8. <u>OVERNIGHT PARKING</u> OVERNIGHT PARKING OF CONSTRUCTION VEHICLES ON PRIVATE PROPERTY IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR. NO PARKING IS ALLOWED IN RIGHT-OF-WAY.
- 9. CLEAR ZONE THE CONSTRUCTION CLEAR ZONE FOR THIS PROJECT IS 3 FEET FROM THE FACE OF CURB. THE CONTRACTOR SHALL NOT STORE EQUIPMENT OR MATERIAL WITHIN THE CONSTRUCTION CLEAR ZONE UNLESS THE EQUIPMENT OR MATERIAL IS PROPERLY SHIELDED UTILIZING CURRENT SAFETY DESIGN AND INSTALLATION METHODS. THE SAFETY DESIGN FOR SHIELDING SHALL BE PROVIDED BY THE CONTRACTOR AND MUST BE APPROVED BY THE PROJECT MANAGER BEFORE IMPLEMENTING. THIS WORK, INCLUDING DESIGN, INSTALLATION, AND REMOVAL OF THE SHIELDING, SHALL BE CONSIDERED INCIDENTAL TO THE COMPLETION OF THE PROJECT AND NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE THEREFOR.
- 10. REGULATORY SIGNS THE CONTRACTOR SHALL NOTIFY THE ALBUQUERQUE TRAFFIC ENGINEERING DIVISION THREE (3) WORKING DAYS IN ADVANCE OF ANY WORK REQUIRED REGARDING ALL EXISTING REGULATORY SIGNS AND SIGNALS THAT NEED TO BE REMOVED, RELOCATED, OR REINSTALLED. CALL 857-8680. REFER TO SECTION 18.4.4 OF THE
- 11. SURVEY MONUMENTS THE CONTRACTOR SHALL NOTIFY THE CITY SURVEYOR NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE CITY SURVEYOR MAY TAKE NECESSARY MEASURES TO ENSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE CITY SURVEYOR AND SHALL NOTIFY THE CITY SURVEYOR AND BEAR THE EXPENSE OF REPLACING ANY THAT MAY BE DISTURBED WITHOUT PERMISSION. REPLACEMENT SHALL BE DONE ONLY BY THE CITY SURVEYOR. WHEN A CHANGE IS MADE IN THE FINISHED ELEVATION OF THE PAVEMENT OF ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED, CONTRACTOR SHALL, AT THE CONTRACTOR'S EXPENSE, ADJUST THE MONUMENT COVER TO THE NEW GRADE UNLESS OTHERWISE SPECIFIED. REFER TO SECTION 4.4 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.
- 12. CONSTRUCTION LIMITS THE CONTRACTOR WILL BE REQUIRED TO CONFINE THEIR WORK WITHIN THE CONSTRUCTION LIMITS AND/OR R.O.W. TO PRESERVE EXISTING VEGETATION AND PRIVATE PROPERTY. OVERNIGHT PARKING OF CONSTRUCTION EQUIPMENT SHALL NOT OBSTRUCT DRIVEWAY OPENINGS OR DESIGNATED TRAFFIC LANES.
- 13. <u>BUILDING DAMAGE</u> IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT BUILDING STRUCTURES ADJACENT TO THE PROJECT NOT BE DAMAGED DUE TO ANY CONSTRUCTION ACTIVITIES. DAMAGE CAUSED TO ANY BUILDING STRUCTURE WILL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR, INCLUDING ALL COSTS INCURRED IN RESTORING/REPAIRING SAID DAMAGE.
- 14. PEDESTRIAN ACCESS THE CONTRACTOR SHALL SUBMIT A PROPOSED WORK PLAN FOR PEDESTRIAN IMPROVEMENTS TO THE PROJECT ENGINEER FOR REVIEW AND APPROVAL PRIOR TO INITIATING THIS WORK. THIS PLAN SHALL INCLUDE THE METHOD PROPOSED TO MAINTAIN PEDESTRIAN ACCESS TO BUSINESSES, SCHOOLS, HOSPITALS, BUILDINGS, ETC. THROUGHOUT THE PEDESTRIAN IMPROVEMENTS CONSTRUCTION IN PARTICULAR. THE CONTRACTOR, AT MINIMUM, SHALL MAINTAIN A 48" CLEAR PATH FOR PEDESTRIANS SO AS TO MEET ADA AND PROWAG ACCESSIBILITY REQUIREMENTS. ALL TEMPORARY PEDESTRIAN FACILITIES IMPLEMENTED DURING CONSTRUCTION SHALL COMPLY WITH PROWAG AND ADA STANDARDS.
- 15. AS—BUILTS THE CONTRACTOR SHALL MAINTAIN AN UP TO DATE SET OF AS—BUILT PLANS FOR THE PROJECT. THESE PLANS SHALL BE KEPT CURRENT, WITHIN TWO WEEKS, AT ALL TIMES AND SHALL BE SUBJECT TO REVIEW BY THE PROJECT ENGINEER THROUGHOUT THE PROJECT AND WILL BE REVIEWED BY THE PROJECT ENGINEER FOR ACCURACY AND COMPLETENESS AT LEAST ONCE EVERY 30 DAYS. THE FINAL AS—BUILT PLANS SHALL BE SUBMITTED AND ACCEPTED BY THE PROJECT ENGINEER PRIOR TO FINAL PAYMENT. AS BUILT PLANS SHALL BE INCIDENTAL TO THE CONSTRUCTION OF THE PROJECT.
- 16. GRAFFITI THE CONTRACTOR SHALL MAINTAIN A GRAFFITI FREE WORK SITE AND SHALL PROMPTLY REMOVE ANY AND ALL GRAFFITI FROM EQUIPMENT AND ROADWAY FEATURES, WHETHER PERMANENT OR TEMPORARY. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE COMPLETION OF THE PROJECT AND NO SEPARATE MEASURE OR PAYMENT WILL BE
- 17. CONSTRUCTION SIGNING CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING ALL CONSTRUCTION SIGNING UNTIL PROJECT IS ACCEPTED BY THE CITY.
- 18. NON-VIBRATORY ROLLER THE CONTRACTOR SHALL BE RESTRICTED TO THE USE OF A 35 TON MAXIMUM NON-VIBRATORY ROLLER TO OBTAIN THE REQUIRED COMPACTION IN PAVEMENT STRUCTURE, ROADWAY BACKFILL, EMBANKMENT, AND SUBGRADES IN URBAN AREAS WHERE THE USE OF HEAVIER EQUIPMENT COULD DAMAGE UNDERGROUND UTILITIES OR OTHER PERMANENT STRUCTURES.
- 19. <u>EXISTING TIE-IN</u> CURB AND GUTTER, SIDEWALKS, AND DRIVE PADS SHALL MATCH THE ELEVATIONS OF ABUTTING EXISTING AREAS AS SHOWN IN THE PLANS OR AS DIRECTED BY THE PROJECT ENGINEER.
- 20. PULL BOX WHERE PULL BOXES ABUT BACK OF CURB OR ARE LOCATED IN A CONCRETE PAVED AREA, PROVIDE 3/4" EXPANSION MATERIAL AROUND THE PULL BOX. ALL PULL BOXES TO BE FLUSH WITH SURFACE OF CONCRETE
- 21. CURB RAMPS BEFORE SCHEDULING DELIVERY OF CONCRETE, CONTRACTOR SHALL MEET WITH CITY INSPECTOR/PROJECT . CURB RAMPS. BEFORE SCHEDULING DELIVERY OF CONCRETE, CONTRACTOR SHALL MEET WITH CITY INSPECTOR/PROJECT MANAGER TO ENSURE THE CONCRETE FORMWORK IS CONSTRUCTED TO DIMENSIONS AND GRADES SHOWN ON PLANS AND MEETS PROWAG, 2011 TECHNICAL DESIGN CRITERIA. CONTRACTOR SHALL CALIBRATE 24"ELECTRONIC DIGITAL LEVEL PRIOR TO VERIFYING MEASUREMENTS. CONTRACTOR SHALL VERIFY MEASUREMENTS MEET REQUIREMENTS OR REQUIRE CORRECTION OF ALL DISCREPANCIES BEFORE SCHEDULING OF CONCRETE TO ENSURE THE FINISHED CONCRETE WILL MEET PROWAG REQUIREMENTS. WHEN ALL MEASUREMENTS MEET REQUIREMENTS THEN THE INSPECTOR SHALL PERMIT CONCRETE POUR. CONTRACTOR SHALL REPEAT THE PROCEDURE AFTER CONCRETE POUR TO ENSURE THE CURB RAMP MEETS PROWAG COMPLIANCE. FINAL ACCEPTANCE OF A CURB RAMP DOES NOT OCCUR UNTIL THE FINAL INSPECTION OF THE PROJECT. THIS PROCEDURE SHALL BE CONSIDERED INCIDENTAL TO THE INSTALLATION OF THE ADA CURB RAMPS.
- 22. <u>SAW CUT</u> WHEN ABUTTING NEW PAVEMENT TO EXISTING, CONTRACTOR SHALL SAW CUT, TO FULL PAVEMENT DEPTH, THE EXISTING PAVEMENT TO A NEAT VERTICAL STRAIGHT LINE AS REQUIRED TO REMOVE ANY BROKEN OR CRACKED PAVEMENT AND MATCH NEW TO EXISTING. THIS WORK SHALL BE PAID FOR UNDER ITEM NO. 343.03, EXISTING PAVEMENT, ASPHALT CONCRETE, MORE THAN 4" THICK, ASWCUT, REMOVE & DISPOSE, COMPL.
- 23. FIELD VERIFICATION THE CONTRACTOR SHALL VERIFY ALL EXISTING FIRE HYDRANT FLANGES, PADS, VALVE BOXES, MANHOLE RIMS AND TOP OF PIPE ELEVATIONS IN THE FIELD. ELEVATIONS SHALL BE ADJUSTED TO FINISHED GRADE TO COMPLY WITH THE REQUIREMENTS OF THE STANDARD CITY DETAILS.

- 24. <u>DAMAGE REPAIR</u> THE CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR ANY DAMAGE TO EXISTING PAVEMENTS, PAVEMENT STRIPING & MARKINGS, CURB AND GUTTER, DRIVEPADS, CURB RAMPS, SIGNAGE AND SIDEWALK DURING CONSTRUCTION APART FROM THOSE SECTIONS INDICATED FOR REMOVAL ON THE PLANS, AND SHALL REMOVE AND REPLACE AS PER PROWAG STANDARDS AT THEIR OWN EXPENSE. DAMAGED PAVEMENT STRIPING & MARKINGS SHALL BE REPLACED WITH PLASTIC REFLECTORIZED PAVEMENT MARKING BY CONTRACTOR TO THE SAME LOCATION AS EXISTING OR AS INDICATED BY THIS PLAN SET.
- 25. <u>REMOVALS</u> THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REMOVALS REQUIRED TO COMPLETE THE PROJECT. SEE SUMMARY OF QUANTITIES, SHEET 5, FOR REMOVAL QUANTITIES.
- 26. <u>CONCRETE REMOVAL</u> WHEN REMOVAL OF EXISTING CURB AND GUTTER OR SIDEWALK IS REQUIRED, CONTRACTOR SHALL REMOVE TO NEAREST JOINT.
- 27. <u>DISPOSALS</u> ALL CONSTRUCTION DEBRIS, SPOIL AND NON-SALVAGEABLE ITEMS BECOME THE PROPERTY OF THE CONTRACTOR AND PROPER DISPOSAL OF THESE ITEMS IS THE RESPONSIBILITY OF THE CONTRACTOR. THIS WORK SHALL BE PAID FOR UNDER ITEM NO. 201.01, CLEARING & GRUBBING.
- 28. BACKFILL COMPACTION ALL TRENCH EXCAVATION BACKFILL WITHIN THE ROADWAY PRISM SHALL BE COMPACTED TO 95% OF THE MODIFIED PROCTOR PER ASTM D-698 OR D-1557 AND COA STD. DWG. 2465 AS APPLICABLE.
- 29. EXISTING STRUCTURES THE CONTRACTOR SHALL CLEAN ALL EXISTING STRUCTURES WITHIN THE CONSTRUCTION AREA THAT ARE TO REMAIN OPERATIONAL. ALL STRUCTURES (NEW AND EXISTING) SHALL BE CLEAN AT THE TIME OF FINAL PROJECT ACCEPTANCE. THIS WORK SHALL BE CONSIDERED AS INCIDENTAL TO CONSTRUCTION. NO SEPARATE MEASUREMENT AND PAYMENT WILL BE MADE FOR CLEANING OF STRUCTURES.
- 30. <u>OSHA REQUIREMENTS</u> EXCAVATION, TRENCHING AND SHORING ACTIVITIES MUST BE CARRIED OUT IN ACCORDANCE WITH OSHA 29 CFR 1926.650 SUBPART P. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THEIR EMPLOYEES SAFETY.
- 31. EXISTING UTLITIES IN PLAN ALL EXISTING UTLITIES SHOWN HEREIN WERE COMPILED BY COBB FENDLEY & ASSOC., AND TAKEN FROM RECORD DRAWINGS, FIELD SURVEYS, C.O.A. SYSTEMS UTILITIES MAPS AND INFORMATION PROVIDED BY THE UTILITY OWNERS AND ARE APPROXIMATE. IT WILL BE CONTRACTORS RESPONSIBILITY TO FIELD VERIFY HORIZONTAL AND VERTICAL LOCATIONS AND TYPE OF EXISTING UTILITIES TO BE ADJUSTED OR EXTENDED AND TO PROVIDE PROTECTION FOR ALL UTILITIES WITHIN THE CONSTRUCTION AREA.
- 32. <u>AVOIDING UTILITIES</u> THE CONTRACTOR IS TO EXERCISE DUE CARE TO AVOID DISTURBING ANY EXISTING UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE WITH THE UTILITY COMPANIES IN ORDER TO PREVENT ANY SERVICE DISRUPTION THAT MIGHT RESULT FROM PROJECT CONSTRUCTION. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT AND PRESERVE UTILITY EQUIPMENT AFFECTED BY PROJECT CONSTRUCTION. SHOULD THE CONTRACTOR BREAK AN EXISTING UTILITY LINE DURING CONSTRUCTION ACTIVITIES THE CONTRACTOR SHALL BE RESPONSIBLE FOR UTILITY REPAIR COSTS.
- 33. <u>ADJUSTING UTILITIES</u> ALL GAS VALVE BOXES, GAS MANHOLES, ELECTRICAL MANHOLES, AND TELEPHONE MANHOLES WILL BE ADJUSTED TO GRADE BY OTHERS. THIS WORK SHALL BE COORDINATED WITH EACH UTILITY. A UTILITY COORDINATION MEETING SHALL BE SET UP BY THE CONTRACTOR A MINIMUM OF ONE (1) WEEK PRIOR TO ANY CONSTRUCTION ACTIVITY. COORDINATION OF UTILITY RELOCATION SCHEDULES SHALL BE DETAILED AT THIS MEETING. EACH UTILITY WILL BE RESPONSIBLE FOR THE COST OF THE WORK. THIS WORK WILL BE CONSIDERED INCIDENTAL TO
- 34. <u>CENTURY LINK RELOCATION</u> THE CONTRACTOR SHALL COORDINATE WITH CENTURY LINK ON RELOCATION OF ANY TELEPHONE BOXES. THIS WORK WILL BE CONSIDERED INCIDENTAL TO CONSTRUCTION.
- 35. <u>CABLE RELOCATION</u> THE CONTRACTOR SHALL COORDINATE WITH COMCAST CABLE ON RELOCATION OF ANY CABLE TELEVISION SERVICES. THIS WORK WILL BE CONSIDERED INCIDENTAL TO CONSTRUCTION.
- 36. <u>UTILITY RELOCATIONS</u> THE CONTRACTOR IS HEREBY ADVISED THAT UTILITY RELOCATION WORK BY THE UTILITY OWNERS MAY HAVE TO BE PERFORMED CONCURRENT WITH CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE FOR UTILITY WORK IN CONJUNCTION WITH CONSTRUCTION OPERATIONS AND SHALL BE REQUIRED TO COORDINATE THE SCHEDULING OF WORK WITH THE RESPECTIVE UTILITY OWNERS.
- 37. MATCHING EXISTING GRADES WHERE A PROFILE GRADE IS NOT PROVIDED IN THE PLANS, STREET CENTERLINE GRADES SHALL BE RESTORED BY THE CONTRACTOR TO THE EXISTING CENTERLINE GRADES. CROSS SECTION THE EXISTING ROAD PRIOR TO CONSTRUCTION AS NEEDED TO MATCH EXISTING (50' MIN.). MINOR ADJUSTMENTS TO THE STREET GRADES MAY BE NECESSARY AND WILL BE DIRECTED BY THE PROJECT ENGINEER. MINOR ADJUSTMENTS TO THE STREET GRADES WILL BE CONSIDERED INCIDENTAL TO THE PAVING BID ITEMS. SMOOTH TRANSITIONS SHALL BE MADE BETWEEN EXISTING PAVEMENT WHICH REMAINS IN PLACE AND PAVEMENT WHICH IS BEING REPLACED. TRAFFIC CONTROL DEVICES, INCLUDING PAVEMENT MARKINGS, MUST BE RESTORED TO THE SAME OR BETTER CONDITION AS BEFORE CONSTRUCTION. THIS WORK WILL BE CONSIDERED INCIDENTAL TO CONSTRUCTION.
- 38. IF HUMAN REMAINS ARE ENCOUNTERED, THE CONTRACTOR SHALL CEASE ALL WORK, AND CONTACT THE OFFICE OF MEDICAL EXAMINER FOR FURTHER INSTRUCTIONS.
- 39. DROP-OFF POLICY IF A PAVEMENT DROP-OFF IS CREATED DURING CONSTRUCTION, THE CONTRACTOR SHALL INITIATE PROTECTIVE ACTION IN ACCORDANCE WITH THE NMDOT'S CURRENT "DROP-OFF-GUIDELINE". THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE COMPLETION OF THE PROJECT AND NO SEPARATE MEASUREMENT OR PAYMENT WILL BE
- 40. TWO WEEKS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE TRANSIT DEPARTMENT OF ANY IMPACT THE PROPOSED PROJECT WILL HAVE ON THE TRANSIT SYSTEM, SUCH AS; CAUSING A DETOUR, OR CAUSE THE CLOSING OR RELOCATION OF A BUS STOP. THE CONTACT PERSON IS SHABIH RIZVI, OFFICE PHONE (505) 724-3134, CELL PHONE (505) 331-0253, AND EMAIL SRIZVI@CABQ.GOV AND/OR DOUGLAS GOFF, OFFICE PHONE (505) 724-3137, CELL PHONE (505) 206-0151, AND FMAIL DGOFF@CABO.GOV.
- 41. CURB AND GUTTER, SIDEWALKS, AND DRIVEPADS SHALL MATCH THE ELEVATIONS OF THE ABUTTING EXISTING AREAS AS SHOWN ON THE PLANS OR AS DIRECTED BY THE PROJECT ENGINEER.
- 42. SUBGRADE PREPARATION THE SUBGRADE PREP SHALL EXTEND ONE FOOT BEYOND THE FREE EDGE OF NEW CURB AND GUTTER AND SIDEWALK, OR TO THE RIGHT-OF-WAY.
- 43. WATER SHUT—OFF: THE CONTRACTOR SHALL COORDINATE WITH THE WATER AUTHORITY SEVEN (7) DAYS IN ADVANCE OF PERFORMING WORK THAT WILL AFFECT THE PUBLIC WATER OR SANITARY SEWER INFRASTRUCTURE. WORK REQUIRING SHUTOFF OF WELL COLLECTORS, TRANSMISSION LINES, OR FACILITIES DESIGNATED AS MASTER PLAN FACILITIES MUST BE COORDINATED WITH THE WATER AUTHORITY FOURTEN (14) DAYS IN ADVANCE OF PERFORMING SUCH WORK. ONLY WATER AUTHORITY CREWS ARE AUTHORIZED TO OPERATE PUBLIC VALVES. SHUTOFF REQUESTS MUST BE MADE ONLINE AT http://www.abcwug.rog/Water_Shut_off_and_Turn_on_Procedures.aspx. SEE SECTION 18.3.2.1 OF THE STANDARD SPECIFICATIONS.
- 44. CONTRACTOR COORDINATION IT IS ANTICIPATED THAT THERE WILL BE OTHER PROJECTS AND/OR CONSTRUCTION OCCURRING SIMULTANEOUSLY IN THE PROJECT AREA. THE CONTRACTOR SHALL BE REQUIRED TO COORDINATE WITH OTHER CONTRACTORS OF ADJACENT PROJECTS UNDER CONSTRUCTION IN THE AREA. THE COORDINATION EFFORTS WILL BE CONSIDERED INCIDENTAL TO CONSTRUCTION, AND NO SEPARATE MEASUREMENT OR PAYMENT SHALL BE MADE THEREFOR

INCIDENTAL ITEMS:

ITEMS LISTED ARE ONLY A GENERAL DESCRIPTION OF THE REQUIRED WORK AND MATERIALS. AND MAY NOT BE COMPLETE. THIS LIST DOES NOT INCLUDE ANY INCIDENTAL WORK OR MATERIALS REQUIRED BY THE SPECIAL PROVISIONS, SERIALS (STANDARD DETAILS), SUPPLEMENTAL SPECIFICATIONS, OR THE STANDARD SPECIFICATIONS

- PROPERTY OWNER NOTICES. SEE GENERAL NOTE 3
- ALL NECESSARY CONSTRUCTION WORK PERMITS, SEE GENERAL NOTE 5.
 CLEAR ZONE SHIELDING. SEE GENERAL NOTE 9.
 AS-BUILT PLANS. SEE GENERAL NOTE 15.

- AS-BUILT PLANS. SEE GENERAL NOTE 15.

 GRAFFITI MAINTENANCE, SEE GENERAL NOTE 16.

 CLEANING OF EXISTING STRUCTURES, SEE GENERAL NOTE 29.

 ADJUSTING UTILITIES COORDINATION. SEE GENERAL NOTE 33.

 UTILITY COORDINATION. SEE GENERAL NOTE 33-36.

 MATCHING EXISTING GRADES. SEE GENERAL NOTE 37.

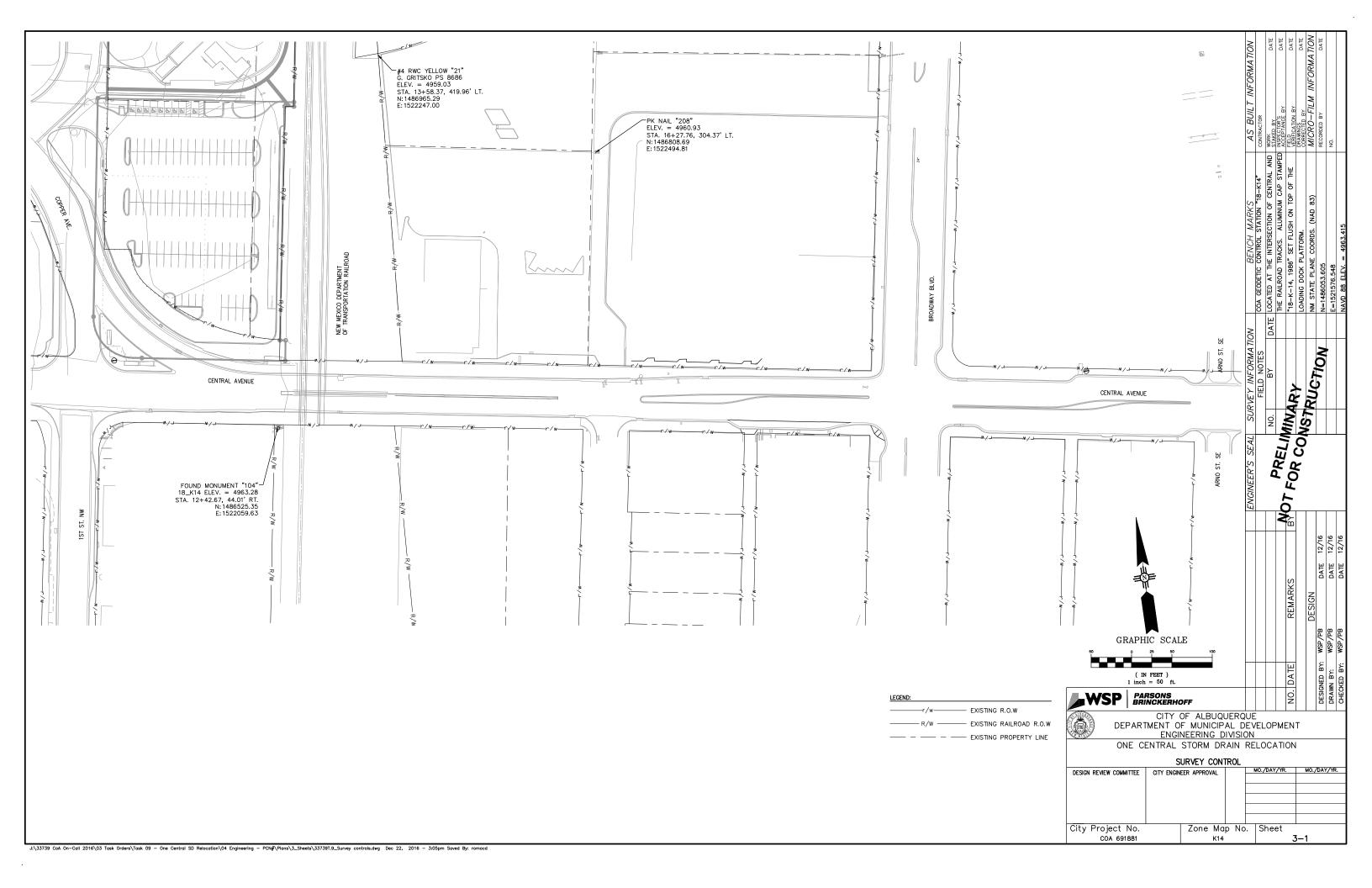
 CONTRACTOR COORDINATION WITH SIMULTANEOUS PROJECTS. SEE NOTE 44.

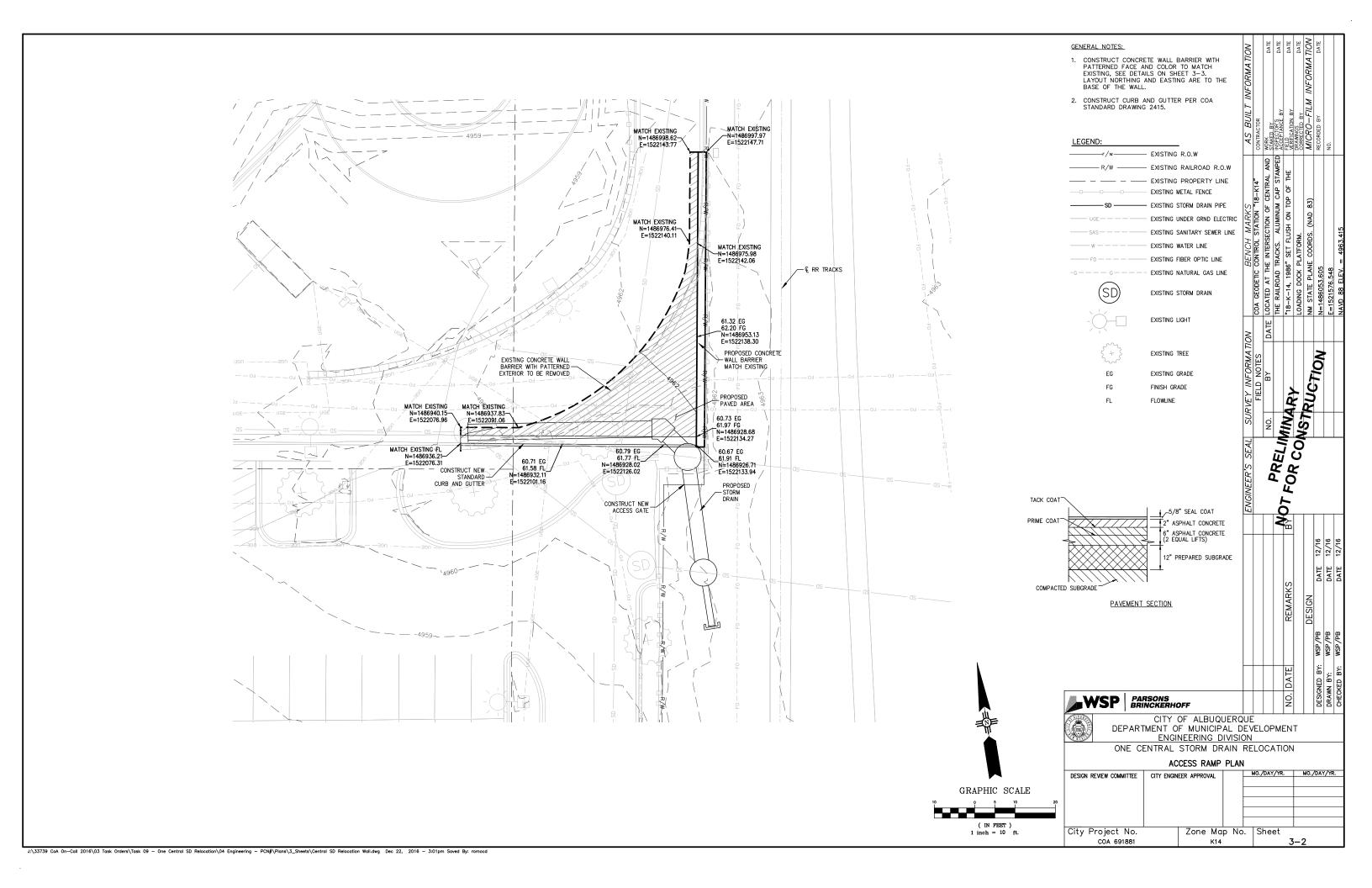
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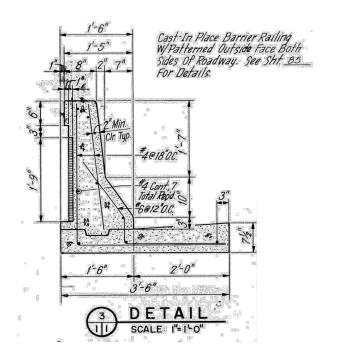
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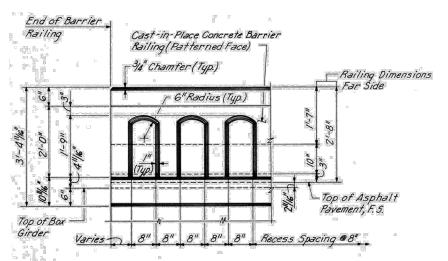
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DESIGN REVIEW COMMITTEE CITY ENGINEER APPROVAL





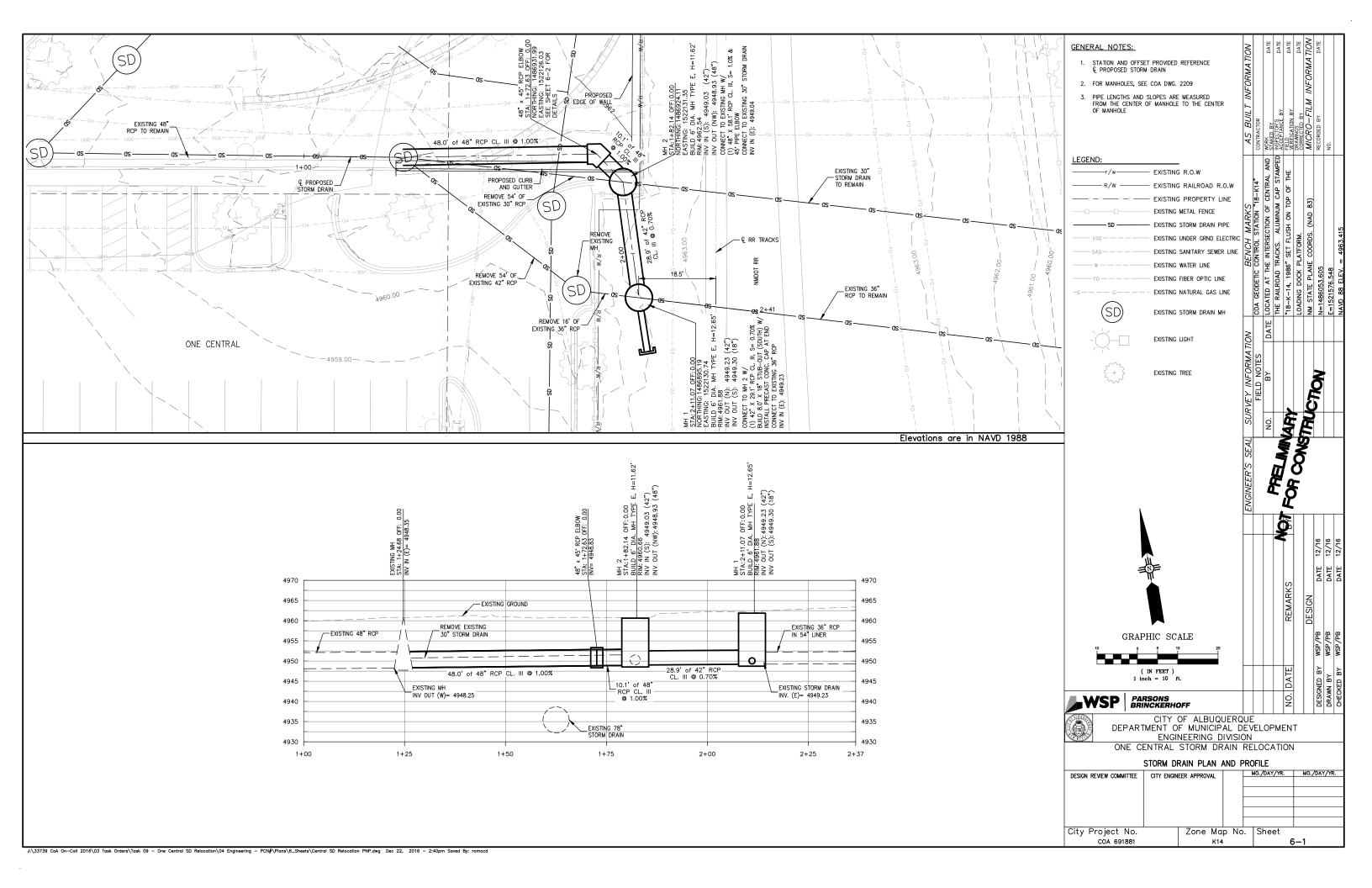


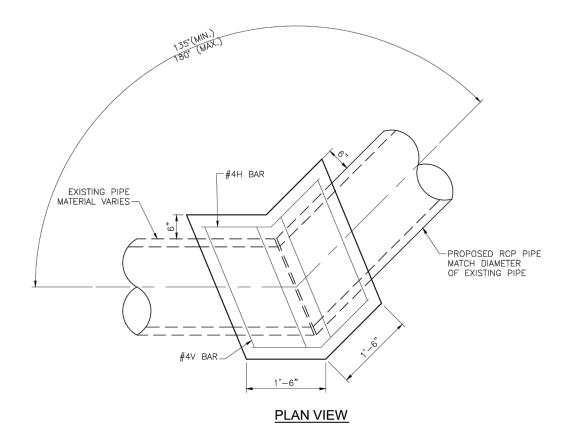


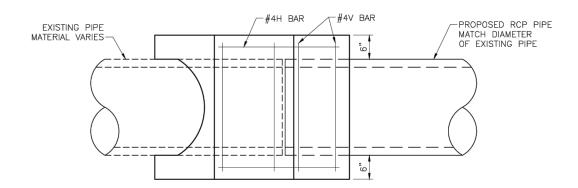
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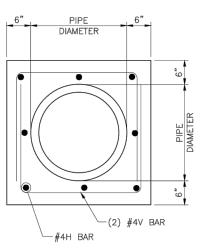






SIDE VIEW

CONCRETE COLLAR DETAILS



SECTION VIEW

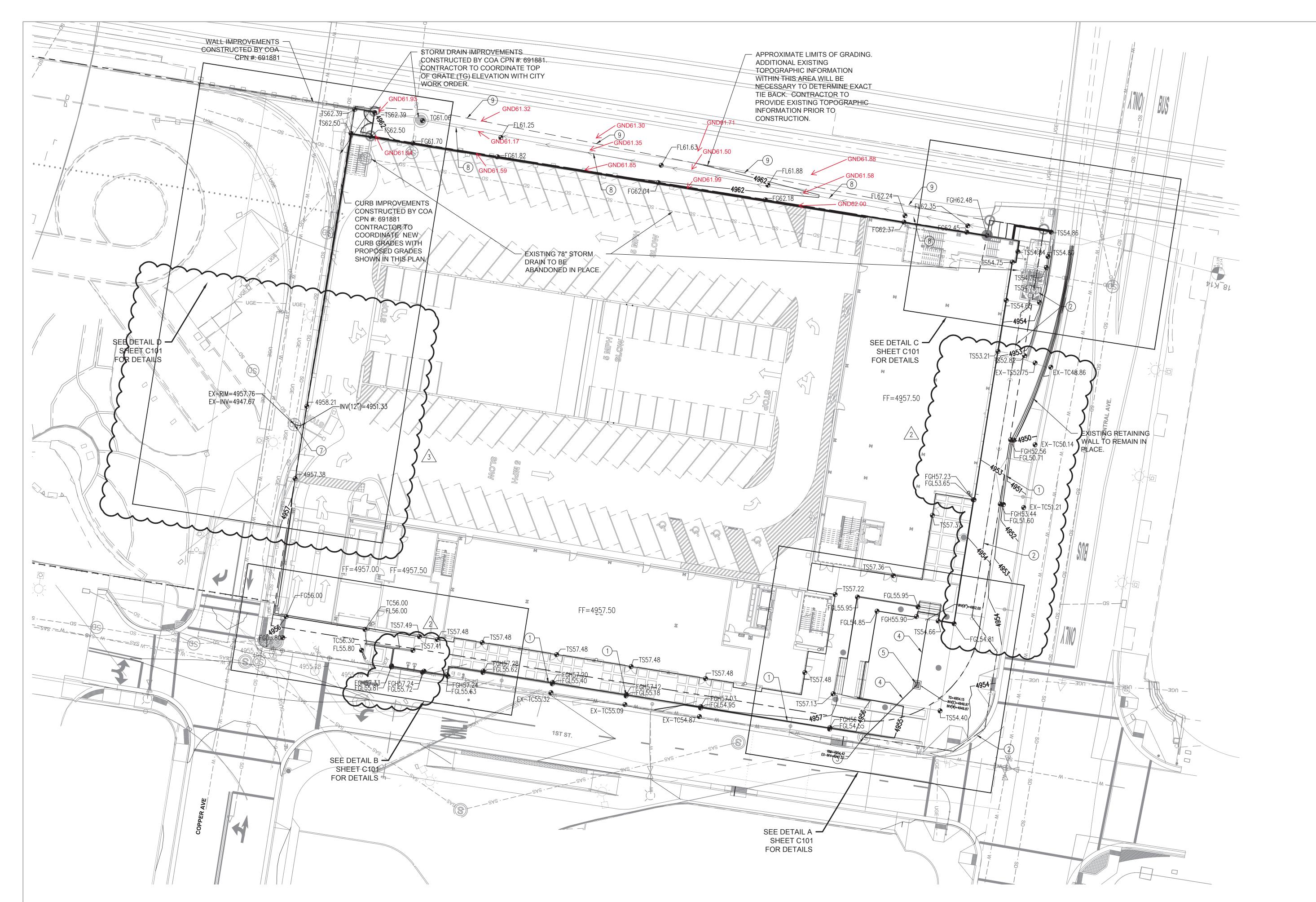
CONCRETE COLLAR NOTES:

- 1. CONCRETE COLLARS SHALL BE USED ON ALL JOINTS AND CONNECTIONS BETWEEN EXISTING AND PROPOSED PIPES AND AS DEEMED NECESSARY BY THE ENGINEER. THE COST OF ALL LABOR, MATERIAL, AND EQUIPMENT ASSOCIATED TO CONSTRUCTION OF COLLARS SHALL BE INCIDENTAL TO CONSTRUCTION OF THE PROPOSED PIPE AND NO ADDITIONAL PAYMENT WILL BE MADE.
- 2. WHEN CONCRETE COLLARS ARE USED TO CONNECT PIPES OF DIFFERENT OUTSIDE DIAMETERS, THE CONCRETE COLLAR SHALL BE FORMED USING THE LARGEST OUTSIDE DIAMETER.
- 3. THE HYDRAULIC FLOW LINE SHALL ALWAYS MATCH FROM ONE PIPE TO THE OTHER. THE CONTRACTOR SHALL SEAL THE OPENINGS BETWEEN DIFFERENT SIZE AND TYPE PIPES WITH FORM WORK TO PREVEN INTRUSION OF CONCRETE INTO THE PIPE OPENING
- 4. THE END OF THE EXISTING AND PROPOSE PIPES SHALL BE MITERED EQUALLY TO APPROPRIATELY MATCH PIPE ENDS.
- 5. ALL CONCRETE SHALL BE 3500psi MIX. SEE SECTION 101 OF THE CITY STANDARD SPECIFICATIONS FOR HYDRAULIC STRUCTURES CONCRETE.
- ALL REINFORCING BARS SHALL CONFORM TO AASHTO STANDARD SPECIFICATIONS M GRADE 60 UNLESS OTHERWISE NOTED.

	AS BUILT INFOR	CONTRACTOR	WORK STAKED BY	INSPECTOR'S ACCEPTANCE BY	FIELD VERIFICATION BY	DRAWINGS CORRECTED BY	MICRO-FILM INFO	RECORDED BY	NO.	
	BENCH MARKS	COA GEODETIC CONTROL STATION "18-K14"	DATE LOCATED AT THE INTERSECTION OF CENTRAL AND	THE RAILROAD TRACKS. ALUMINUM CAP STAMPED INSPECTOR'S BY ACCEPTANCE BY	"18-K-14, 1986" SET FLUSH ON TOP OF THE	LOADING DOCK PLATFORM.	NM STATE PLANE COORDS. (NAD 83)	N=1486053.605	E=1521576.548	NAVD 88 ELEV. = 4963.415
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DEPARTMENT OF MUNICIPA ENGINEERING DI ONE CENTRAL STORM DR. DRAINAGE PIPE COLL DESIGN REVIEW COMMITTEE CITY ENGINEER APPROVAL City Project No. Zone Map No. Sheet K14

WSP PARSONS BRINCKERHOFF



GENERAL NOTES

- A. ALL WORK DETAILED ON THESE PLANS AND PERFORMED UNDER THIS CONTRACT SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS AND THE PROJECT GEOTECHNICAL REPORT. WHERE APPLICABLE, CITY OF ALBUQUERQUE PUBLIC WORKS STANDARDS SHALL APPLY.
- B. THE CONTRACTOR SHALL ABIDE BY ALL LOCAL, STATE, AND FEDERAL LAWS, RULES AND REGULATIONS WHICH APPLY TO THE CONSTRUCTION OF THESE IMPROVEMENTS, INCLUDING EPA REQUIREMENTS WITH RESPECT TO STORM WATER DISCHARGE.
- C. PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL FIELD VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL POTENTIAL OBSTRUCTIONS INCLUDING ALL UNDERGROUND UTILITIES. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION OBSERVER OR ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
- D. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR SHALL CONTACT LINE LOCATING SERVICE FOR LOCATION OF EXISTING UTILITIES.
- E. ALL ELECTRICAL, TELEPHONE, CABLE TV, GAS AND OTHER UTILITY LINES, CABLES, AND APPURTENANCES ENCOUNTERED DURING CONSTRUCTION THAT REQUIRE RELOCATION, SHALL BE COORDINATED WITH THAT UTILITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF ALL NECESSARY UTILITY ADJUSTMENTS. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR DELAYS OR INCONVENIENCES CAUSED BY UTILITY COMPANY WORK CREWS. THE CONTRACTOR MAY BE REQUIRED TO RESCHEDULE HIS ACTIVITIES TO ALLOW UTILITY CREWS TO PERFORM THEIR REQUIRED WORK.
- F. THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING ALL EXISTING UTILITY LINES WITHIN THE CONSTRUCTION AREA. ANY DAMAGE TO EXISTING FACILITIES CAUSED BY CONSTRUCTION ACTIVITY SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE AND APPROVED BY THE CONSTRUCTION OBSERVER.
- G. CONSTRUCTION ACTIVITY SHALL BE LIMITED TO THE PROPERTY AND/OR PROJECT LIMITS. ANY DAMAGE TO ADJACENT PROPERTIES RESULTING FROM THE CONSTRUCTION PROCESS SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE.

- H. OVERNIGHT PARKING OF CONSTRUCTION EQUIPMENT SHALL NOT OBSTRUCT DRIVEWAYS OR DESIGNATED TRAFFIC LANES. THE CONTRACTOR SHALL NOT STORE ANY EQUIPMENT OR MATERIAL WITHIN THE PUBLIC RIGHT-OF-WAY.
- THE CONTRACTOR SHALL OBTAIN ALL THE NECESSARY PERMITS FOR THE PROJECT PRIOR TO COMMENCING CONSTRUCTION (I.E., BARRICADING, TOPSOIL DISTURBANCE, EXCAVATION PERMITS, EPA STORM WATER PERMITS, ETC.).
- J. ALL PROPERTY CORNERS DESTROYED DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE. ALL PROPERTY CORNERS MUST BE RESET BY A REGISTERED LAND SURVEYOR.
- K. THE CONTRACTOR SHALL PREPARE A CONSTRUCTION TRAFFIC CONTROL AND SIGNING PLAN AND OBTAIN APPROVAL OF SUCH PLAN FROM THE CITY OF ALBUQUERQUE, TRAFFIC ENGINEERING DEPARTMENT, PRIOR TO BEGINNING ANY CONSTRUCTION WORK ON OR ADJACENT TO EXISTING STREETS.
- ALL BARRICADES AND CONSTRUCTION SIGNING SHALL CONFORM TO APPLICABLE SECTIONS OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD), US DEPARTMENT OF TRANSPORTATION, LATEST EDITION.
- M. THE CONTRACTOR SHALL MAINTAIN ALL CONSTRUCTION BARRICADES AND SIGNING AT ALL TIMES. THE CONTRACTOR SHALL VERIFY THE PROPER LOCATION OF ALL BARRICADING AT THE END AND BEGINNING OF EACH DAY.
- THE CONTRACTOR SHALL TAKE ALL STEPS NECESSARY TO CONFORM WITH EPA REQUIREMENTS, INCLUDING COMPLIANCE WITH NPDES PHASE 2 REQUIREMENTS.
- O. EXCEPT AS PROVIDED HEREIN, GRADING SHALL BE PERFORMED AT THE ELEVATIONS AND IN ACCORDANCE WITH THE DETAILS SHOWN ON THIS PLAN.
- P. THE COST FOR REQUIRED CONSTRUCTION DUST AND EROSION CONTROL MEASURES SHALL BE INCIDENTAL TO THE PROJECT COST.

- Q. ALL WORK RELATIVE TO FOUNDATION CONSTRUCTION, SITE PREPARATION, AND PAVEMENT INSTALLATION, AS SHOWN ON THIS PLAN, SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE "GEOTECHNICAL INVESTIGATION". ALL OTHER WORK SHALL, UNLESS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE PROJECT. (FIRST PRIORITY) SPECIFICATIONS, AND/OR THE CITY OF ALBUQUERQUE (COA) STANDARD SPECIFICATIONS FOR PUBLIC WORKS (SECOND PRIORITY).
- R. EARTH SLOPES SHALL NOT EXCEED 3 HORIZONTAL TO 1 VERTICAL UNLESS SHOWN OTHERWISE.
- S. IT IS THE INTENT OF THESE PLANS THAT THIS CONTRACTOR SHALL NOT PERFORM ANY WORK OUTSIDE OF THE PROPERTY BOUNDARIES EXCEPT AS REQUIRED BY THIS PLAN. T. THE CONTRACTOR IS TO ENSURE THAT NO SOIL ERODES FROM THE SITE ONTO ADJACENT PROPERTY OR PUBLIC RIGHT-OF-WAY.
- U. A DISPOSAL SITE FOR ANY & ALL EXCESS EXCAVATION MATERIAL, AND UNSUITABLE MATERIAL AND/OR A BORROW SITE CONTAINING ACCEPTABLE FILL MATERIAL SHALL BE OBTAINED BY THE CONTRACTOR IN COMPLIANCE WITH APPLICABLE ENVIRONMENTAL REGULATIONS AND APPROVED BY THE OBSERVER. ALL COSTS INCURRED IN OBTAINING A DISPOSAL OR BORROW SITE AND HAUL TO OR FROM SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT AND
- V. PAVING AND ROADWAY GRADES SHALL BE +/- 0.1' FROM PLAN ELEVATIONS. PAD ELEVATION SHALL BE +/- 0.05' FROM BUILDING PLAN ELEVATION.

NO SEPARATE MEASUREMENT OR PAYMENT SHALL BE MADE.

- W. ALL PROPOSED CONTOURS REFLECT TOP OF PAVEMENT ELEVATIONS IN THE PARKING AREA AND MUST BE ADJUSTED FOR MEDIANS AND ISLANDS.
- X. VERIFY ALL ELEVATIONS SHOWN ON PLAN FROM BASIS OF ELEVATION CONTROL STATION PRIOR TO BEGINNING CONSTRUCTION.

NOTICE TO CONTRACTORS (SO 19)

MINIMUM AMOUNT OF DELAY.

1. AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN THE CITY RIGHT-OF-WAY.

. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED, EXCEPT AS OTHERWISE STATED O PROVIDED HEREON, SHALL BE CONSTRUCTED IN ACCORDANCE WITH CITY OF ALBUQUERQUE STANDARD SPECS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION AS REVISED THROUGH UPDATE #7 AMENDMENT 1.

ONE CALL SYSTEM (260-1990) FOR LOCATION OF EXISTING UTILITIES. 4. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL CONSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH A

3. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT NEW MEXICO

5. BACKFILL COMPACTION SHALL BE ACCORDING TO TRAFFIC/STREET USE. 6. MAINTENANCE OF THESE FACILITIES SHALL BE THE RESPONSIBILITY OF THE OWNER OF THE

7. WORK ON ARTERIAL STREETS SHALL BE PERFORMED ON A 24-HOUR BASIS.

APPROVAL NAME

EX. GRADES ALONG CENTRAL AVE. AND 1ST STREET ARE APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY EXISTING GRADES AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES.

CONTRACTOR SHALL CONFIRM EXISTING GRADES OF ALL UTILITIES AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES.

SIDEWALK CROSS-SLOPES SHALL BE AT A MINIMUM OF 1.0% AND A MAXIMUM OF 2.0%

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505.843.9639 Fax 505.843.9683 Web Site: www.studioswarch.com

GRADING KEYNOTES

VICINITY MAP

LOCATION

- NEW RETAINING WALL SEE STRUCTURAL PLANS FOR DETAILS. NEW PUMP STATION AND FORCEMAIN TO BE CONSTRUCTED BY THE CITY OF ALBUQUERQUE UNDER A SEPARATE CONTRACT. CLOSE COORDINATION WITH THE CITY OF ALBUQUERQUE CONTRACTOR WILL BE NECESSARY TO ENSURE COVER IS MAINTAINED.
- CONTRACTOR SHALL CONNECT NEW ONSITE STORM DRAIN TO EXISTING STUB. ALL WORK COMPLETED WITHIN THE RIGHT OF WAY SHALL BE CONSTRUCTED UNDER AN SO-19 PERMIT. INSTALL HDPE STORM DRAIN LINE (N12 WT, OR APPROVED EQUAL)
- SEE PLAN FOR SIZE AND SLOPE. INSTALL 24" NYLOPLAST AREA DRAIN WITH PEDESTRIAN RATED

GRATE OR APPROVED EQUAL.

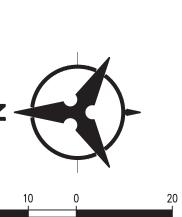
- STUB NEW STORM DRAIN TO WITHIN 5' OF BUILDING. SEE PLUMBING PLANS FOR CONTINUATION.
- CONTRACTOR SHALL CONNECT NEW BUILDING STORM DRAIN TO EXISTING MANHOLE. CONTRACTOR SHALL CORE DRILL EXISTING MANHOLE AT SPRING LINE OF EXISTING STORM DRAIN AND REWORK EXISTING MANHOLE INVERT AS NECESSARY. ALL WORK COMPLETED WITHIN THE RIGHT OF WAY SHALL BE CONSTRUCTED UNDER A SO-19
- CONSTRUCT OFFSITE DRAINAGE SWALE WITHIN NMDOT ROW. CLOSE COORDINATION WITH NMDOT IS NECESSARY AND A LICENCE AGREEMENT SHOULD BE IN PLACE PRIOR TO STARTING CONSTRUCTION.
- 9. TIE BACK TO EXISTING GRADE AT A MAXIMUM OF 3:1 SLOPES.

AS-BUILT SURVEY I CHRISTOPHER A. MEDINA, NMPLS NO. 15702, DO HEREBY CERTIFY THAT THE ACUTAL SURVEY WHICH IT WAS DERIVED FROM WAS PERFORMED BY ME OR UNDER BY DIRECTION SUPERVISION AND THAT THE INFORMATION SHOWN IS TRUE AND CORRRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

CHRISTOPHER A. MEDINA, NMPLS NO. 15702

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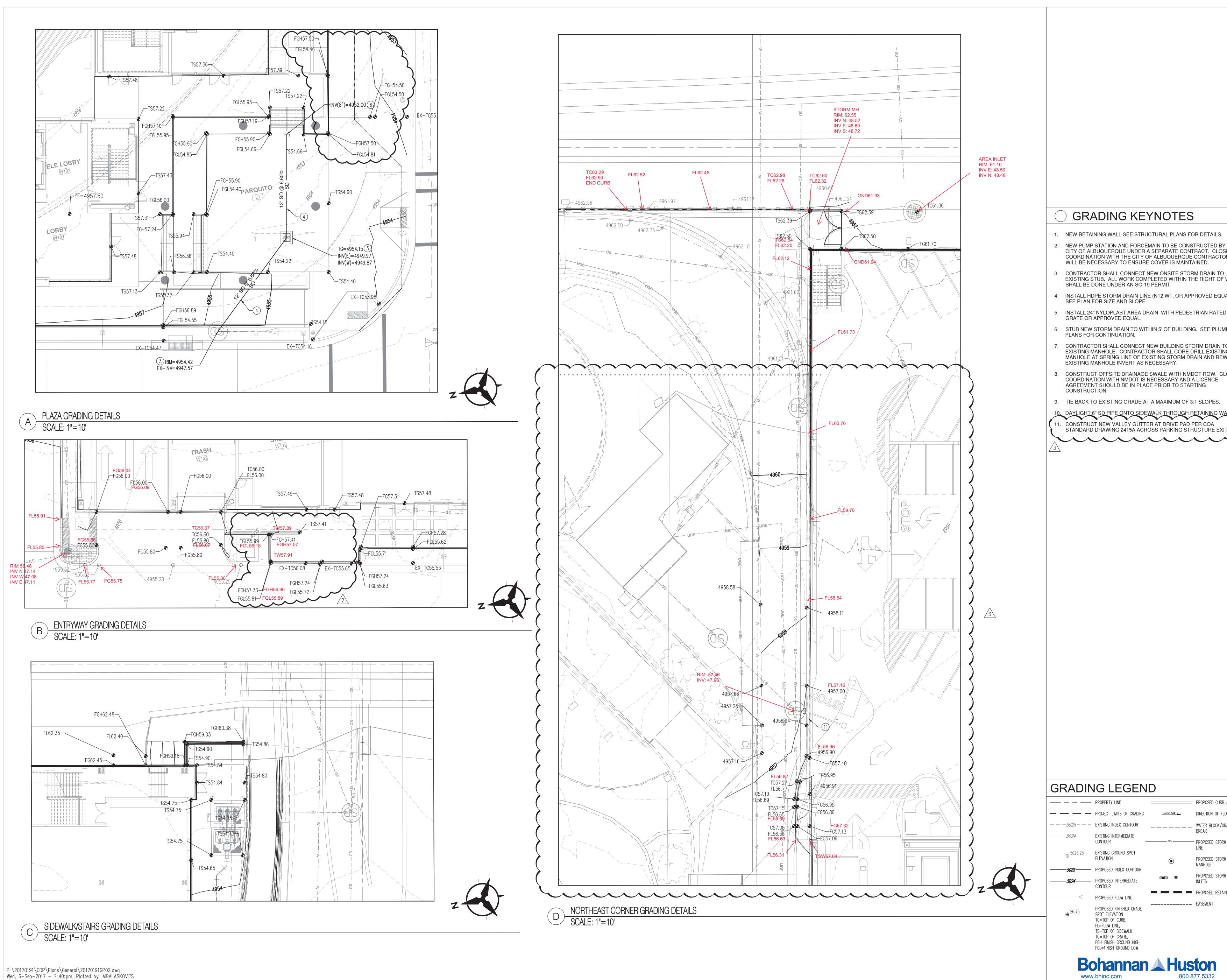
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	- PROPERTY LINE		PROPOSED CURB & GUTTER	02	2017-06-08	ASI 012		
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- —5025 — —	EXISTING INDEX CONTOUR		WATER BLOCK/GRADE BREAK	PROJE	CT #:	16012		
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	PROPOSED FINISHED GRADE		EASEMENT					
⊕ ^{26.75}	SPOT ELEVATION							
	TC=TOP OF CURB,				GRAI	DING		
	FL=FLOW LINE,				DI	Λ N I		
	TS=TOP OF SIDEWALK				PL	AN		
	TG=TOP OF GRATE,							

FGH=FINISH GROUND HIGH, FGL=FINISH GROUND LOW

C-100



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GRADING KEYNOTES

- 1. NEW RETAINING WALL SEE STRUCTURAL PLANS FOR DETAILS.
- NEW PUMP STATION AND FORCEMAIN TO BE CONSTRUCTED BY THE CITY OF ALBUQUERQUE UNDER A SEPARATE CONTRACT. CLOSE COORDINATION WITH THE CITY OF ALBUQUERQUE CONTRACTOR WILL BE NECESSARY TO ENSURE COVER IS MAINTAINED.
- EXISTING STUB. ALL WORK COMPLETED WITHIN THE RIGHT OF WAY SHALL BE DONE UNDER AN SO-19 PERMIT.
- 4. INSTALL HDPE STORM DRAIN LINE (N12 WT, OR APPROVED EQUAL) SEE PLAN FOR SIZE AND SLOPE.
- 5. INSTALL 24" NYLOPLAST AREA DRAIN WITH PEDESTRIAN RATED GRATE OR APPROVED EQUAL.
- 6. STUB NEW STORM DRAIN TO WITHIN 5' OF BUILDING. SEE PLUMBING PLANS FOR CONTINUATION.
- . CONTRACTOR SHALL CONNECT NEW BUILDING STORM DRAIN TO EXISTING MANHOLE. CONTRACTOR SHALL CORE DRILL EXISTING MANHOLE AT SPRING LINE OF EXISTING STORM DRAIN AND REWORK EXISTING MANHOLE INVERT AS NECESSARY.
- B. CONSTRUCT OFFSITE DRAINAGE SWALE WITH NMDOT ROW. CLOSE COORDINATION WITH NMDOT IS NECESSARY AND A LICENCE AGREEMENT SHOULD BE IN PLACE PRIOR TO STARTING
- 9. TIE BACK TO EXISTING GRADE AT A MAXIMUM OF 3:1 SLOPES.

GRADING LEGEND

PROPOSED CURB & GUTTER — — PROJECT LIMITS OF GRADING ---5025--- Existing index contour -5024- -- EXISTING INTERMEDIATE CONTOUR PROPOSED STORM DRAIN LINE ⊕ 5025.25 **EXISTING GROUND SPOT** ELEVATION PROPOSED STORM DRAIN **——5024** — PROPOSED INTERMEDIATE CONTOUR PROPOSED RETAINING WALL PROPOSED FLOW LINE ---- EASEMENT PROPOSED FINISHED GRADE SPOT ELEVATION

TC=TOP OF CURB, FL=FLOW LINE, TS=TOP OF SIDEWALK

PLAN FGH=FINISH GROUND HIGH, FGL=FINISH GROUND LOW

C-101

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GRADING

to this specific project, and does not extend to

reuse of these documents for other projects

Wed, 22-Mar-2017 - 6:12:pm, Plotted by: MBALASKOVITS

POST INDICATOR VALVE ASSEMBLY (PIV) — UL LISTED AND/OR FM APPROVED ALARM CONTROL / NON-RISING STEM GATE VALVE -SUPPORT VALVE ON UNDISTURBED EARTH OR CONCRETE BLOCKS

POST INDICATOR VALVE DETAIL

UTILITY KEYNOTES

Scale: NOT TO SCALE

- CONNECT TO EXISTING WATER LINE SERVICES CONSTRUCTED UNDER CITY OF ALBUQUERQUE (COA) PROJECT #691893
- * 2. INSTALL 2" WATER SERVICE PER COA STD. DWG. 2363
- 4. STUB TO WITHIN 5' OF BUILDING. SEE PLUMBING PLANS FOR CONTINUATION.
- 5. INSTALL NEW POST INDICATOR VALVE PER DETAIL THIS SHEET * 6. INSTALL NEW 10"x6" TEE WITH RESTRAINED JOINTS AND NEW FIRE
- HYDRANT COMPLETE PER COA STD. DWG. 2340 CONNECT TO EXISTING SANITARY SEWER STUB CONSTRUCTED UNDER COA PROJECT #691893. CONTRACTOR SHALL VERIFY LOCATION AND INVERT AND NOTIFY THE ENGINEER IMMEDIATELY
- 8. PUMP AND FORCE MAIN TO BE CONSTRUCTED BY COA. CLOSE COORDINATION WITH COA WILL BE REQUIRED.
- 9. FIRE DEPARTMENT CONNECTION, SEE PLUMBING PLANS FOR
- *10. CONTRACTOR SHALL REMOVE EXISTING 6x10 TEE AND EXISTING 6" GATE VALVE. CONNECT TO EXISTING 10" WL WITH NON PRESSURE CONNECTION INSTALL 10x8x10 TEE, 1-8" GATE VALVE W/ BOX & LID PER COA STD. DWG. 2326. CONTRACTOR SHALL REMOVE AND REPLACE EXISTING CURB & GUTTER AND ASPHALT AS NECESSARY
- * KEYED NOTES MARKED WITH ASTERISK SHALL BE CONSTRUCTED UNDER ABCWUA MINI WORK ORDER PROCESS TO BE COMPLETED BY THE CONTRACTOR.

GENERAL NOTES

- A. PRIOR TO BEGINNING ANY WORK WITHIN THE CITY OF ALBUQUERQUE RIGHT-OF-WAY THE CONTRACTOR SHALL OBTAIN A WORK ORDER FROM THE ALBUQUERQUE BERNALILLO COUNTY WATER UTILITY AUTHORITY (ABCWUA) TO CONSTRUCT THE UTILITY SERVICE CONNECTIONS (WATER, AND FIRE) WITHIN PUBLIC RIGHT
- 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 PUBLIC WORKS STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION AS REVISED THROUGH CURRENT UPDATE.
- TWO WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (260-1990) FOR LOCATION OF EXISTING UTILITIES.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
- CONTRACTOR SHALL COORDINATE WITH THE ALBUQUERQUE BERNALILLO COUNTRY WATER UTILITY AUTHORITY (ABCWUA) FIVE (5) WORKING DAYS IN ADVANCE OF ANY WORK THAT MAY AFFECT EXISTING PUBLIC WATER OR SEWER UTILITIES. EXISTING VALVES TO BE OPERATED BY CITY PERSONNEL ONLY. CONTRACTOR SHALL CONTACT THE WATER SYSTEMS DIVISION THREE (3) WORKING DAYS PRIOR TO NEEDING VALVES TURNED ON OR OFF.

UTILITY NOTES

- THIS CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETE INSTALLATION OF ALL WORK RELATED TO MECHANICAL UTILITIES AS SHOWN ON THIS PLAN INCLUDING: TRENCHING, BACKFILL, SUPPORTS, CLEANOUT PADS, SERVICE STOPS AND BOXES, SERVICE LINES, TESTING, CLEANING, AND STERILIZING. ANY WORK NOT ACCEPTED BY THE ARCHITECT OR ENGINEER DUE TO IMPROPER WORKMANSHIP OR LACK OF PROPER COORDINATION SHALL BE REMOVED AND CORRECTLY INSTALLED AT THE CONTRACTOR'S EXPENSE, AS DIRECTED.
- G. MINIMUM DEPTHS OF COVER SHALL BE: 36" FOR WATERLINES AND 48" FOR SEWER, EXCEPT AT BUILDING CONNECTION.
- H. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED OF HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE IAPMO UNIFORM PLUMBING CODE & NFPA 24, LATEST EDITION.
- UTILITY LINES SHALL BE INSTALLED PRIOR TO PAVEMENT, CURB AND GUTTER, AND/OR SIDEWALK, AS APPLICABLE.
- J. ROUGH GRADING OF SITE (±0.5') SHALL BE COMPLETED PRIOR TO INSTALLATION OF UTILITY LINES. K. CONTRACTOR WILL BE RESPONSIBLE FOR CONNECTIONS TO
- BUILDING DRAIN LINES AND ALL NECESSARY FITTINGS.
- L. ALL VALVES SHALL BE ANCHORED PER COA STANDARD DWG. 2333.
- M. FIRE LINES SHALL USE PIPE MATERIALS UNDERWRITERS LABORATORIES LISTED AND APPROVED FOR FIRE SERVICE.
- N. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL WATER METER, FIRE LINE, AND SEWER HOOKUP FEES FOR INSTALLATIONS. OWNER SHALL BE RESPONSIBLE FOR UTILITY EXPANSION CHARGES, PRORATA AND OTHER SPECIAL ASSESSMENTS.
- O. CONTRACTOR SHALL VERIFY INVERTS AND LOCATIONS OF EXISTING WATER/SAS LINES PRIOR TO BEGINNING WORK. ALL CONFLICTS SHALL BE BROUGHT TO ATTENTION OF THE ENGINEER AND RESOLVED PRIOR TO BEGINNING WORK.
- P. CONTRACTOR SHALL NOTIFY THE AUTHORITY HAVING JURISDICTION PRIOR TO INSTALLATION OF FIRE SERVICE LINES, AND PRIOR TO TESTING OF ALL WATERLINES. CONTRACTOR SHALL COMPLETE, SIGN, AND SUBMIT THE "CONTRACTOR'S MATERIAL & TEST CERTIFICATE FOR UNDERGROUND PIPING" IN ACCORDANCE WITH NFPA 24.

LEGEND

	10			
	— PROPERTY LINE –			- PROPOSED EASEMENT
	- EXISTING EASEMENT _	SAS	-SAS	PROPOSED SANITARY SEWER LINE
SAS	EXISTING SANITARY SEWER		•	PROPOSED SANITARY
WL	EXISTING WATER LINE			SEWER MANHOLE
	EXISTING WATER METER		•	PROPOSED CLEANOUT
	EXISTING CAP	WL	—W————	_ PROPOSED WATER LINE
×	EXISTING VALVE		×	PROPOSED VALVE
ত	EXISTING FIRE HYDRANT	FL	FIRE-	PROPOSED FIRE WATER LINE
0	EXISTING SANITARY SEWER MANHOLE		•	PROPOSED HYDRANT
	EXISTING STORM DRAIN		П	PROPOSED CAP
	MANHOLE			PROPOSED WATER METE
	EXISTING INLET		*	PROPOSED PIV
			ভ	REMOTE FIRE DEPARTMENT CONNECTION
		•		4

Bohannan A Huston

UTILITY PLAN

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01 2017-02-03 DATE

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UTILITY PLAN

PROJECT #:

PRINCIPLES OF DESIGN.

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