PUBLIC IMPROVEMENT PLAN FOR CHICK-FIL-A AT EUBANK BLVD.

FIRE, WATER & SANITARY SERVICE

AT ALBUQUERQUE, NEW MEXICO

APPROVED AS RECORD DRAWINGS
DESIGN REVIEW SECTION
CITY CONSTRUCTION ENGINEER
DATE: 12/29/2016

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 CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION 1986 EDINON AS AMENDED WITH UPDATE #8 INCLUDING AMENDMENT #1.
2. 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.
3. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE & VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH MINIMUM DELAY.
4. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE, NM 811, FOR LOCATION OF EXISTING UTILITIES.
5. CONTRACTOR SHALL CONDUCT HIS OPERATIONS IN A MANNER WHICH WILL MINIMIZE INTERFERENCE WITH LOCAL TRAFFIC. CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE LAWS, ORDINANCES, RULES, REGULATIONS, AND ORDERS OF ANY PUBLIC BODY HAVING JURISDICTION FOR THE SAFETY OF PERSONS OR PROPERTY, AND TO PROTECT THEM FROM DAMAGE, INJURY, OR LOSS. CONTRACTOR SHALL ERECT AND MAINTAIN, AS REQUIRED BY THE CONDINONS AND PROGRESS OF THE WORK, ALL NECESSARY SAFEGUARDS FOR SAFETY CONTINUOUSLY AND NOT LIMITED TO NORMAL WORKING HOURS, THROUGHOUT THE DURATION OF THE PROJECT. CONTRACTOR SHALL ADHERE TO SECTION 19 OF THE GENERAL CONDITIONS OF THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986, AS AMENDED WITH UPDATE #8 INCLUDING AMENDMENT 1.
6. THE CONTRACTOR AGREES THAT HE SHALL ASSUME THE SOLE AND COMPLETE RESPONSIBILITY FOR THE JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY, AND HOLD HARMLESS THE OWNER & ENGINEER FROM ANY AND ALL LIABILITY REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR ENGINEER.
7. TRAFFIC CONTROL: SEVEN (7) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION THE CONTRACTOR SHALL SUBMIT TO THE CONSTRUCTION COORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONSTRUCTION COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY CONSTRUCTION COORDINATION ENGINEER (924-3400) PRIOR TO OCCUPYING AN INTERSECTION. SEE SECTION 19 OF THE SPECIFICATIONS. ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED WITH PRE-FORMED THERMOPLASTIC REFLECTORIZED PAVEMENT MARKINGS BY CONTRACTOR TO LOCATION AS EXISTING OR AS SHOWIN IN THIS PLAN SET.
8. WHEN ABUTTING EXISTING PAVEMENT TO NEW, SAWCUT EXISTING PAVEMENT TO A STRAIGHT EDGE AND AT A RIGHT ANGLE, OR AS APPROVED BY THE FIELD ENGINEER. REMOVAL OF BROKEN OR CRACKED PAVEMENT WILL ALSO BE REQUIRED.
9. EXISTING CURB AND GUTTER NOT TO BE REMOVED UNDER THE CONTRACT WHICH IS DAMGED OR DISPLACED BY THE CONTRACTOR SHALL BE REMOVED AND REPLACED BY THE CONTRACTOR AT HIS EXPENSE PER COA STD DWG #2415A
10. SUPPLEMENTAL SPECIFICATION: ALL BACKFILL FOR WATER LINE AND SANITARY SEWER LINE TRENCHES SHALL BE COMPACTED TO A MINIMUM 95% MAXIMUM DENSITY PER ASTM D-1557.
11. THE CONTRACTOR SHALL PROMPTLY CLEAN UP ANY MATERIAL EXCAVATED WITHIN THE PUBLIC RIGHT-OF-WAY OR PRIVATE ROADWAY EASEMENTS SO THAT THE EXCAVATED MATERIAL IS NOT SUSCEPTIBLE TO BEING WASHED DOWN THE STREET OR INTO ANY PUBLIC DRAINAGE FACILITY.
12. PROPOSED WATERLINE MATERIALS SHALL BE EITHER PVC PIPE MEETING AWWA C900 DR-18 REQUIREMENTS (4"-12") OR DUCTILE IRON PIPE, THICKNESS CLASS 50 (4"-16").
13. ALL FITTINGS ON WATERLINES SHALL HAVE RESTRAINED JOINTS AS NOTED ON PLANS.
14. THE CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE CITY SURVEYOR MAY TAKE NECESSARY MEASURES TO INSURE 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 ELEVATIONS 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. REFER TO SECTION 4.4 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS
15. PNM WILL PROVIDE AT NO COST TO THE CITY OR THE CONTRACTOR THE REQUIRED PERSONNEL FOR INSPECTION OR OBSERVATION DEEMED NECESSARY BY PNM WHILE THE CONTRACTOR IS EXPOSING PNM'S CABLES. HOWIEVER, THE CONTRACTOR SHALL BE CHARGED THE TOTAL COST ASSOCIATED WITH REPAIRS TO ANY DAMAGED CABLES OR FOR ANY COST ASSOCIATED WITH SUPPORTING OR RELOCATING THE POLES AND CABLES DURING CONSTRUCTION.
16. WARNING–EXISTING UTILITY LINE LOCATIONS ARE SHOWIN IN AN APPROXIMATE MANNER ONLY, AND SUCH LINES MAY EXIST WHERE NONE ARE SHOWN. THE LOCATION OF ANY SUCH EXISTING LINES IS BASED UPON INFORMATION PROVIDED BY THE UTILITY COMPANY, THE OWNER, OR BY OTHERS, AND THE INFORMATION MAY BE INCOMPLETE OR MAY BE OBSOLETE BY THE TIME CONSTRUCTION COMMENCES. THE ENGINEER HAS UNDERTAKEN NO FIELD VERIFICATION OF THE LOCATION, DEPTH, SIZE, OR TYPE OF EXISTING UNDERGROUND UTILITY LINES, MAKES NO REPRESENTATION PERTAINING THERETO, AND ASSUMES NO RESPONSIBILITY OR LIABILITY THEREFOR. THE CONTRACTOR SHALL INFORM ITSELF OF THE LOCATION OF ANY 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. THE CONTRACTOR SHALL COMPLY WITH STATE STATUTES, MUNICIPAL AND LOCAL ORDINANCES, RULES AND REGULATIONS PERTAINING TO THE LOCATION OF THESE LINES AND FACILITIES, IN PLANNING AND CONDUCTING EXCAVATION, WHETHER BY CALLING OR NOTIFYING THE UTILITIES, COMPLYING WITH "BLUE STAKES" PROCEDURES, OR OTHERWISE.
17. ALL EXCAVATION, TRENCHING AND SHORING ACTIVITIES MUST BE ACCOMPLISHED IN ACCORDANCE WITH OSHA 29CFR 1926.650 SUBPART
18. CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORK SITE. CONTRACTOR SHALL PROMPTLY REMOVE ANY AND ALL GRAFFITI FROM EQUIPMENT, WHETHER PERMANENT OR TEMPORARY
19. THE CONTRACTOR WILL BE RESPONSIBLE FOR DISPOSING OF ALL DEBRIS, INCLUDING, BUT NOT LIMITED TO HAZARDOUS WASTE AT DISPOSAL SITES APPROVED BY GOVERNMENTAL AGENCIES REGULATING THE DISPOSAL OF SUCH MATERIALS.
20. ELECTRONIC MARKING SPHERES (EMS) WILL BE PLACED ACCORDING TO SECTION 170 OF THE CITY OF ALBUQUERQUE SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION AS REVISED THROUGH UPDATE #8 INCLUDING AMENDMENT #1.
21. ALL WATER VALVE BOXES AND MANHOLES IN THE STREET CONSTRUCTION ARE TO BE ADJUSTED TO FINISH GRADE AND WILL BE MEASURED AND PAID PER EACH.
22. 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 FACILITIES DESIGN A TED AS MASTER PLAN FACILITIES MUST BE COORDINATED WITH THE WATER AUTHORITY 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.abcwua.org/ Water Shut_off_ond_ Turn_on_Procedures.ospx.

DRC TRANSPORTATION STANDARD NOTES

1. ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED WITH PLASTIC REFLECTORIZED PAVEMENT MARKING BY CONTRACTOR TO THE SAME LOCATION AS EXISTING OR AS INDICATED BY THIS PLAN SET.
2. REMOVAL OF EXISTING CURB AND GUTTER AND SIDEWALKS SHALL BE TO THE NEAREST JOINT.
3. ANY DAMAGES TO THE EXISTING CURB & GUTTER, PAVEMENT, SIDEWALKS, STRIPING AND SIGNAGE DURING CONSTRUCTION SHALL BE REPLACED.
4. 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.
5. CURB AND GUTTER, SIDEWALKS AND DRIVE PADS SHALL MATCH THE ELEVATIONS OF ABUTTING EXISTING AREAS AS SHOWN ON THE PLANS OR AS DIRECTED BY THE PROJECT ENGINEER.

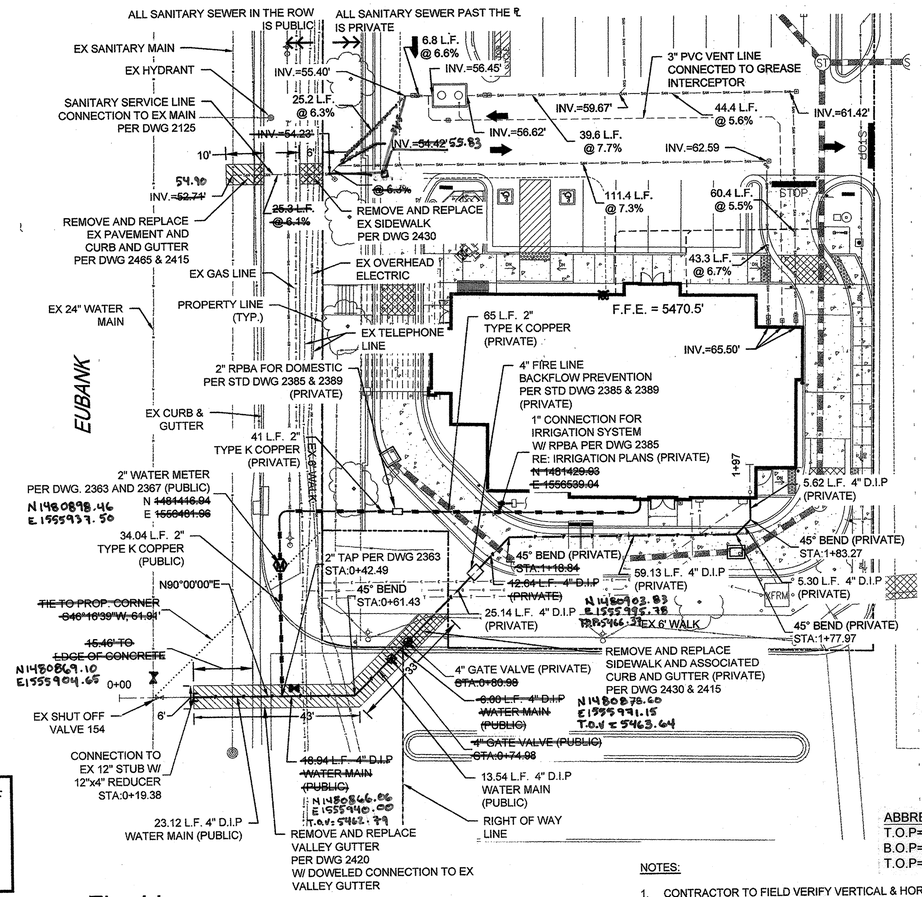
SURVEYOR'S CERTIFICATION

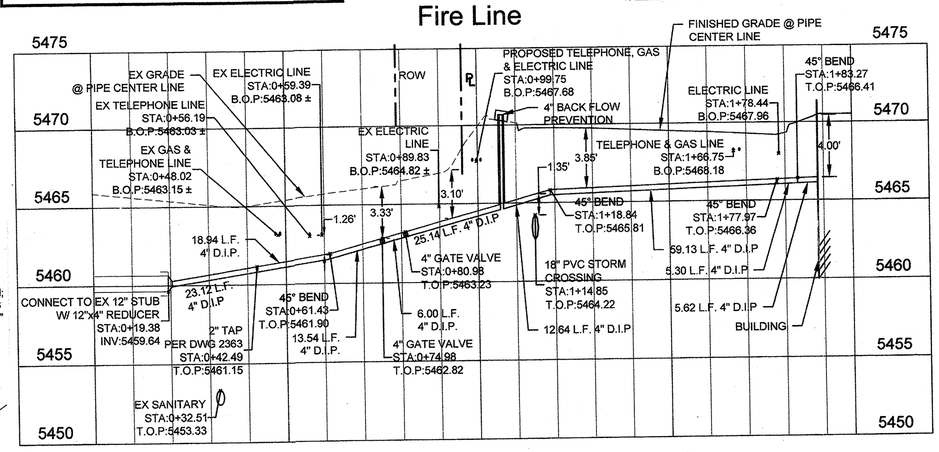
I, ROBERT J. FIERRO, A DULY QUALIFIED REGISTERED PROFESSIONAL LAND SURVEYOR UNDER THE LAWS OF THE STATE OF NEW MEXICO, DO HEREBY CERTIFY THAT THE "AS-BUILT" INFORMATION SHOWN ON THIS DRAWING WAS OBTAINED FROM FIELD CONSTRUCTION AND "AS-BUILT" SURVEYS PERFORMED BY ME OR UNDER MY SUPERVISION; THAT THE AS-BUILT INFORMATION SHOWN ON THESE DRAWINGS WAS ADDED BY ME OR UNDER MY SUPERVISION, AND THAT THIS "AS-BUILT" INFORMATION IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. FIERRO & COMPANY IS NOT RESPONSIBLE FOR ANY OF THE DESIGN CONCEPTS, CALCULATIONS, ENGINEERING, OR INTENT OF THE RECORD DRAWINGS.

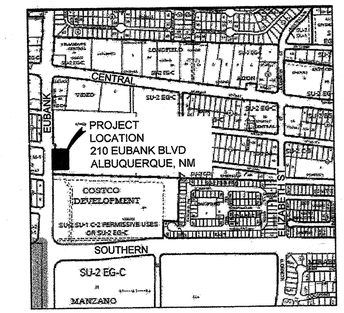
ROBERT J. FIERRO NEW MEXICO 22909 PROFESSIONAL SURVEYOR
12-4-15

811 Know what's below. Call before you dig.

ALL WORK SHOWN OUTSIDE OF CITY OF ALBUQUERQUE PUBLIC RIGHT-OF-WAY THAT IS LABELED AS PRIVATE IS SHOWN FOR INFORMATION PURPOSES ONLY







ZONE L21
NTS

LEGEND:

- PROPERTY LINE
- REMOVE AND REPLACE EX VALLEY CURB PER COA DWG 2420
- REMOVE AND REPLACE EXISTING PAVEMENT PER COA DWG 2465, FOR ARTERIAL STREET
- REMOVE AND REPLACE EXISTING SIDEWALK PER COA DWG 2430 & 2415
- PROPERTY LINE
- FIRE LINE
- WATER LINE
- SANITARY SEWER
- GAS SERVICE
- ELECTRIC SERVICE
- TELEPHONE SERVICE
- STORM SEWER
- WATER METER
- GREASE TRAP
- STORM INLET
- EXISTING SANITARY MANHOLE
- EXISTING LIGHT POLE
- EXISTING OVERHEAD ELECTRIC
- EXISTING STORM SEWER
- EXISTING WATER LINE
- EXISTING GAS SERVICE
- EXISTING SANITARY SEWER

ABBREVIATIONS

T.O.P= TOP OF PIPE
B.O.P= BOTTOM OF PIPE
T.O.P= TOP OF VALVE AT BOLT

NOTES:

1. CONTRACTOR TO FIELD VERIFY VERTICAL & HORIZONTAL LOCATIONS OF ALL EXISTING UTILITIES.
2. MINIMUM COVER ON WATER & FIRE LINE SHALL BE IN ACCORDANCE PER CITY OF ALBUQUERQUE AND COUNTY OF BERNALILLO WATER DESIGN CRITERIA.
3. BACK FLOW PREVENTION TO BE PROVIDED AT IRRIGATION POINT OF CONNECTION.
4. BACK FLOW PREVENTION FOR DOMESTIC WATER & FIRE SERVICE TO BE PROVIDED INSIDE BUILDING.
5. ALL SANITARY RESTROOM AND KITCHEN WASTE LINES TO BE 4" PVC UNLESS NOTED OTHERWISE.

CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, ROBERT J. FIERRO, OF THE FIRM OF FIERRO & COMPANY, LLC., A REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF NEW MEXICO, DO HEREBY CERTIFY, TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE INFRASTRUCTURE INSTALLED AS SHOWN ON THIS DRAWING HAS BEEN INSPECTED BY ME OR BY A QUALIFIED PERSON UNDER MY DIRECT SUPERVISION AND HAS BEEN CONSTRUCTED IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS AND THAT THE ORIGINAL DESIGN INTENT OF THE APPROVED PLANS HAS BEEN MET, EXCEPT AS NOTED BY ME ON THE AS-BUILT CONSTRUCTION DRAWINGS. THIS CERTIFICATION IS BASED ON SITE INSPECTIONS BY ME OR PERSONNEL UNDER MY DIRECTION AND SURVEY INFORMATION PROVIDED BY THE CONTRACTOR, PYTHON CONSTRUCTION COMPANY.

ROBERT J. FIERRO NEW MEXICO 22909 PROFESSIONAL ENGINEER
12-4-15

MERRICK® & COMPANY
5970 GREENWOOD PLAZA BLVD
GREENWOOD VILLAGE, CO 80111
303-751-0741

AS-BUILT INFORMATION
CONTRACTOR Python DATE 11/17/15
WORK STAKED BY Fierro & Company DATE 11/17/15
WORK STAKED BY Fierro & Company DATE 11/17/15
ACCEPTANCE BY ABCWUA DATE 11/17/15
FIELD VERIFICATION BY Fierro & Company DATE 11/17/15
DRAWINGS CORRECTED BY Fierro & Company DATE 11/17/15
MICRO-FILM INFORMATION
RECORDED BY DATE
NO. DATE

BENCH MARKS
VERTICAL DATUM IS BASED UPON THE ALBUQUERQUE CONTROL SURVEY BENCHMARK 7-L15"
ELEVATION = 5164.135. (NAVD 1988)
N: 1479550.205
E: 1529067.366

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
TROY D. KELTS NEW MEXICO 22102 PROFESSIONAL ENGINEER
9-11-15

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

DESIGNED BY: KW DATE Sep 10, 2015
DRAWN BY: TW DATE Sep 10, 2015
CHECKED BY: TK DATE Sep 10, 2015

TROY D. KELTS NEW MEXICO 22102 PROFESSIONAL ENGINEER
12/3/15

20' 0 10' 20' 40'
GRAPHIC SCALE
1" = 20' H.
1" = 20' V.

Purpose Tim Snow
on 12-7-15
ABCWUA

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT

CHICK-FIL-A AT CENTRAL & EUBANK
(210 EUBANK BLVD. SE ALBUQUERQUE, NM)
FIRE & WATER PLAN

DESIGN REVIEW COMMITTEE		DATE
DRC Chairman	Sam Ulmer	9-15-15
Transportation	Sam Ulmer	9-15-15
Water/Wastewater	Tim Snow	9-15-15
Hydrology	Peter Hahn	9-15-15
Const. Mngmt.	N/A	
Const. Coord.	N/A	

CITY ENGINEER APPROVAL 11/2/15

LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.

CITY PROJECT NO. 606161
ZONE MAP NO. L21-Z
SHEET OF