CONSTRUCTION PLANS FOR JACKSON COVE OLD GREENSBORO ROAD

OWNER / DEVELOPER:

RICKY JACKSON 2315 FLATROCK TRAIL JONESBORO, AR 72404 870-530-1039

ENGINEER:



1701 CENTERVIEW DRIVE, SUITE 117 LITTLE ROCK, AR. 72211 OFFICE: 501-215-5807 FAX: 501-227-8302 WWW.ICONICCG.COM COA 2717 tim.martin@iconiccg.com

NO.	REVISION DESCRIPTION	DATE

CITY OF JONESBORO CRAIGHEAD COUNTY, ARKANSAS

NOVEMBER 2020



PRELIMINARY - FOR INTERIM REVIEW ONLY

ICONIC CONSULTING GRO	UP, INC.
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PROFESSIONAL ENGINEER	Date

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CAUTION!!! UNDERGROUND UTILITIES

EXISTING UTILITIES AND UNDERGROUND FACILITIES INDICATED ON THESE PLANS HAVE BEEN LOCATED FROM REFERENCE INFORMATION SUPPLIED BY THE VARIOUS OWNERS OF THE FACILITIES. THE ENGINEER DOES NOT ACCEPT THE RESPONSIBILITY FOR THE UTILITY LOCATIONS SHOWN. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY BOTH HORIZONTALLY AND VERTICALLY THE LOCATION OF ALL EXISTING UTILITIES AND UNDERGROUND FACILITIES PRIOR TO CONSTRUCTION, TO TAKE NECESSARY PRECAUTIONS IN ORDER TO PROTECT ALL FACILITIES ENCOUNTERED, AND TO NOTIFY THE ENGINEER PROMPTLY OF ALL CONFLICTS OF THE WORK WITH EXISTING FACILITIES. THE CONTRACTOR SHALL PRESERVE AND PROTECT ALL EXISTING FACILITIES FROM DAMAGE DURING CONSTRUCTION. ANY DAMAGE BY THE CONTRACTOR AT HIS/HER EXPENSE.



UTIL	UTILITY GENERAL NOTES UTILITY PLAN	DIMENSION CON	
1.	ALL WATER MAINS SHALL BE AWWA C900 (DR-14) PVC WITH POLYWRAP AND FULL BODY FITTINGS.	ADA GENERAL NOTES *(TAS) Texas Accessibility Standard & (ADA) Ame	
	WATER AND WASTEWATER EASEMENTS SHALL INCLUDE ADDITIONAL AREA OF WORKING SPACE FOR CONSTRUCTION AND MAINTENANCE OF THE SYSTEM.	 These notes shall supersede any grades show any discrepancy. Cross slope on any sidewalk shall not exceed Slope in any direction in mobility impaired park Slope in any direction in loading areas shall not Maximum slope along a mobility impaired route exceed 2 percent. *(4.3.7) 	
	ALL WATER SERVICE DEADHEADS SHALL BE TYPE K COPPER, INSTALLED PER DWU STANDARD DRAWINGS, AND LOCATED 2-FT BEYOND PROPOSED CURB. REFERENCE AS: "a" = 2 - 1" (DOMESTICS), "b" = 1 - $1-\frac{1}{2}$ " (IRRIGATION)		
	WATER METERS/SERVICES SHALL NOT BE INSTALLED IN DRIVEWAYS. METER CANS AND METERS SHALL BE INSTALLED BY PERMIT ALONG WITH THE CONNECTION TO PRIVATE PLUMBING	 6) Ramps exceeding 5 percent shall have hand rai Ramps can not rise more than 1/12. Handrails to meet ADA requirements. *(4.8.5)(F 7) All outside doors shall have ADA landings. Land 	
	ALL WASTEWATER LATERALS SHALL END AT EASEMENT OR PROPERTY LINE UNLESS OTHERWISE NOTED ON PLANS. REFERENCED AS FOLLOWS:	 door shall have no more than 1/4" to 1/2" ADA le Surface texture to meet *(4.3.6) & (4.5) 8) Curb ramp can not exceed 1/12 and can not rise not rise more than 6". Ramps can not extend interview. 	
	LATERAL CLEANOUTS SHALL BE INSTALLED BY PERMIT ALONG WITH THE	GENERAL NOTES: EXISTING SURVEY MAPPING PROVIDED BY P	
	ALL 6"-15" PVC WASTEWATER MAINS SHALL BE ASTM 3034(SDR-35) OR AS NOTED	CONTRACTOR IS RESPONSIBLE FOR NOTIFY DISCREPANCIES ARE FOUND DURING GRADI	
	THE MAXIMUM TRENCH WIDTH IS 32 INCHES FOR PIPES EQUAL TO OR SMALLER THAN 12 INCH DIAMETER.	ALL DIMENSIONS SHOWN ARE TO THE FACE OR REFER TO ARCH. PLANS FOR LANDSCAPING,	
	THE CERTIFICATE OF ACCEPTANCE (COA) WILL NOT BE ISSUED UNTIL ALL THE	CIRCUITRY. PAVEMENT SHALL BE INSTALLED IN ACCORD	
	A. ALL WATER AND WASTEWATER APPURTENANCES HAVE BEEN ADJUSTED TO THEIR FINAL POSITION AND A FINAL INSPECTION FOR THE P-CONTRACT HAS BEEN	ALL PARKING LOT STRIPING INCLUDING HANI ATTACHED DETAILS.	
	 B. THE FINAL PLAT HAS BEEN FILED WITH THE COUNTY (IF APPLICABLE). C. ALL FEES OWED TO THE CITY HAVE BEEN PAID. D. A DAY AFFIDAVIT SENT TO SUBTAINABLE DEVICE OPAGENT AND 	GENERAL NOTES EROSIO	
	CONSTRUCTION STATING THAT THE CONTRACTOR HAS BEEN PAID IN FULL.	THIS PROJECT DISTURBS ONE ACRE C	
	FIRE HYDRANTS SHALL BE CONSTRUCTED PER PAGE 224 OF THE DWU STANDARDS DRAWINGS MANUAL.	SPECIFIED IN THE TPDES GENERAL PE DISCHARGE. THIS INCLUDES, BUT IS N	
	EMBEDMENT FOR WATER MAINS SHALL BE PER PAGE 235 OF THE DWU STANDARD DRAWINGS MANUAL.	(A) DEVELOP A SWP3 ACCORDING TO THAT COVERS EITHER THE ENTIRE SIT	
	DEPTH OF WATER MAINS SIZED 12" AND UNDER SHALL BE A MINIMUM OF 4' UNDER IMPROVED SURFACES AND 6' UNDER UN-IMPROVED SURFACES.	IMPLEMENT THAT PLAN PRIOR TO COM	
S D A	TREET AND ALLEY CUTS WILL FOLLOW THE LATEST EDITION OF THE CITY OF ALLAS, DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION, "PAVEMENT ND REPAIR STANDARDS MANUAL" ALL WATER AND WASTEWATER SERVICE	2 OF THE GENERAL PERMIT);	
	CUTS IN PAVEMENT SHALL HAVE THE DITCH LINE FILLED TO PAVEMENT LINE WITH LOW STRENGTH FAST FIX FLOWABLE FILL. CONSTRUCTION AND SPECIFICATIONS AND APPURTENANCES SHALL BE COVERED	CONSTRUCTION SITE IN A LOCATION V BY THE GENERAL PUBLIC, LOCAL, STA COMMENCING CONSTRUCTION ACTIVI	
	BY THE FOLLOWING MANUALS: DALLAS WATER UTILITIES "STANDARD DRAWINGS FOR WATER AND WASTEWATER CONSTRUCTION FOURTH EDITION, OCTOBER, 2012", "THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION STANDARDS. (FOURTH EDITION. OCTOBER 2004)". AND THE "CITY OF DALLAS 2011		
	ADDENDUM TO THE NORTH CENTRAL TEXAS COUNCIL OF GOVERNMENTS PUBLIC WORKS CONSTRUCTION STANDARDS (OCTOBER 2011).	THE OPERATOR OF ANY MUNICIPAL SE THE DISCHARGE AT LEAST TWO DAYS CONSTRUCTION ACTIVITIES.	
	CONTRACTOR WILL REMOVE EXISTING WATER METERS NOT USED FOR THE PROPOSED DEVELOPMENT. METERS AND METER LIDS SHALL BE PROTECTED DURING REMOVAL AND SHALL BE DELIVERED TO 2861 MUNICIPAL STREET.	(AEROBIC S	
	CONTACT ALEX LAND (214-670-8213) 48 HOURS PRIOR TO METER DELIVERY. CONTRACTOR SHALL KILL EXISTING DEADHEAD SERVICE FOR REMOVED METERS AT THE MAIN LINE.	<u>GENERAL NOTES</u> (AEROBIC SYSTEM P 1. SURFACE APPLICATIONS SHOULI	
	THE CITY OF DALLAS PUBLIC WORKS AND TRANSPORTATION OPERATIONS DEPARTMENT WILL APPROVE AND/OR DETERMINE THE TRAFFIC CONTROL PLANS	AND 5:00 A.M.	
	AND WORKING HOURS. CONTACT RUSSELL FINLEY AT 469-583-3654 (NORTH) OR PAUL THOMPSON AT 469-258-7305 (SOUTH).	3. AREAS IN WHERE ROCK IS EXPOS	
	LOW STRENGTH FLOWABLE FILL SHALL BE USED AS BACKFILL MATERIAL AROUND NEW MANHOLES LOCATED WITHIN EXISTING OR NEW PAVEMENT.	BE SEEDED ORSODDED WITH A N OTHER GRASS SPECIES PRIOR T	
	ALL NEW OR EXISTING MANHOLES AFFECTED BY CONSTRUCTION OF THIS CONTRACT SHALL HAVE THE INTERIOR COATED WITH RAVEN 405 (OR APPROVED EQUAL). COATING MUST BE APPLIED BY CERTIFIED APPLICATOR AND SPRAY, BRUSH OR ROLLER APPLIED IN A SINGLE APPLICATION TO A MINIMUM OF 200 MIL	4. THERE SHALL BE NOTHING IN TH FEET OF THE SPRINKLER WHICH APPLICATION OF THE EFFLUENT.	
	THICKNESS. WATER LOWERINGS WHERE THE LENGTH OF PIPE EXCEEDS 20 LF SHALL BE	5. LOCATION OF SPRINKLER HEADS OBSTACLES.	
	PRESSURE TESTED AND CHLORINATED. WATER MAINS SHALL BE PRESSURE TESTED AND CHLORINATED BEFORE	6. RISERS MUST BE PERMANENTLY TANK. THE CONNECTION BETWE WATERTIGHT. RISERS MUST BE F	
	PERMANENT PAVEMENT IS PLACED OVER THE MAIN. CONTRACTOR SHALL UNCOVER EXISTING WATER MAIN AND CONTACT DWU	AND PROTECTED AGAINST UNAL A COVER THAT CAN BE REMOVED MINIMUM NET WEIGHT OF 65 POL	
	PIPELINE INSPECTOR <u>PRIOR TO CONNECTION</u> . CONTRACTOR MAY BE REQUIRED TO REPLACE UP TO 2 PIPE JOINTS IF EXISTING PIPE CONDITION IS CONSIDERED POOR.	ANY OTHER MEANS APPROVED E 7. LAND ACCEPTABLE FOR SURFAC	
		(LESS THAN 15% SLOPE) MAY BE AND TERRANCED TO MINIMIZE R	

NTROL PLAN

ricans with Disabilities Act, article number. n on any plans. Bring to the attention of the Civil Engineer

percent. *(4.8.6)

ing spaces shall not exceed 2 percent. *(4.6.6) exceed 2 percent. *(4.6.6)

shall not exceed 5 percent. Cross slope on any route shall not

Is on both sides. Ramps can not rise more than 30" without landings.

ig. 16 & 17) Surface texture to meet *(4.3.6) & (4.5)

ling slopes shall not exceed 2 percent in any direction. All exterior evel change, this shall include the threshold.

e more than 6". Curb ramp side flare can not exceed 1/10 and can o a parking let out area. *(4.7) & (Fig. 11, 12, & 13)

JB SURVEYING,

ING THE ENGINEER IMMEDIATELY IF OR WHEN ANY NG CONSTRUCTION.

OF THE CURB UNLESS OTHERWISE NOTED.

IRRIGATION SYSTEM, AND PARKING LOT LIGHTING

ANCE WITH THE GRADING, PAVING, ING LOT AREA AND ALL APPROACH DRIVES.

DICAP/VAN ACCESSIBLE SPACES SHALL BE PAINTED PER

ON CONTROL PLAN

OR MORE. THE CONTRACTOR SHALL COMPLY EMENTS FOR SMALL CONSTRUCTION ACTIVITIES ERMIT TXR150000 FOR STORM WATER NOT LIMITED TO THE FOLLOWING:

THE PROVISIONS OF THIS GENERAL PERMIT, TE OR ALL PORTIONS OF THE SITE FOR WHICH MIT TXR150000 IS THE OPERATOR, AND MMENCING CONSTRUCTION ACTIVITIES;

ON SITE NOTICE (ATTACHMENT

ISTRUCTION SITE NOTICE AT THE WHERE IT IS READILY AVAILABLE FOR VIEWING TE, AND FEDERAL AUTHORITIES, PRIOR TO ITIES. AND MAINTAIN THE NOTICE IN THAT E CONSTRUCTION ACTIVITY;

AND CERTIFIED CONSTRUCTION SITE NOTICE TO EPARATE STORM SEWER SYSTEM RECEIVING **SPRIOR TO COMMENCEMENT OF**

SYSTEM PLAN)

I AN)

D BE DONE BETWEEN THE HOURS OF 12:00 A.M.

ES MUST BE IN GRAY CONDUIT.

SED MUST BE COVERED WITH A SUITABLE HAT ARE BARE OR HAVE BEEN DISTURBED MUST AIXTURE OF RYE AND BERMUDA GRASSES OR O SYSTEM OPERATION.

E SURFACE APPLICATION AREA WITHIN TEN WOULD INTERFERE WITH THE UNIFORM

S MAY BE ADJUSTED IN FIELD TO AVOID

FASTENED TO THE TANK LID OR CAST INTO THE EN THE RISER AND THE TANK LID MUST BE FITTED WITH REMOVABLE WATERTIGHT CAPS ITHORIZED INTRUSIONS BY EITHER A PADLOCK, D WITH SPECIALIZED TOOLS, A COVER HAVING A JNDSSET INTO A RECESS OF THE TANK LID, OR BY THE EXECUTIVE DIRECTOR.

E APPLICATION SHALL HAVE A FLAT TERRAIN ACCEPTABLE IF IT IS PROPERLY LANSCAPED UNOFF.

PAVING & GRADING PLAN

IMPORTANT NOTES

CONTRACTOR IS RESPONSIBLE FOR NOTIFYING THE ENGINEER IMMEDIATELY IF OR WHEN ANY DISCREPANCIES ARE FOUND DURING GRADING CONSTRUCTION.

STOCKPILE OF SPOILS SHALL BE LOCATED IN A TEMPORARY CONSTRUCTION EASEMENT DESIGNATED BY A SEPARATE INSTRUMENT IF STOCKPILED OFFSITE. EROSION CONTROL SHALL BE PLACED AROUND THE PERIMETER OF THE TEMPORARY CONSTRUCTION EASEMENT. IF THE CONTRACTOR REQUIRES DIRECTION OF ONSITE PLACEMENT OF STOCKPILES, HE/SHE SHALL NOTIFY ENGINEER TO COORDINATE. STOCKPILES SHALL NOT HAVE SLOPE GREATER THAN 3:1.

GRADING CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLETE REMOVAL OF ALL STOCKPILES. ONCE COMPLETE REMOVAL OF ALL STOCKPILES. 90% GROUND COVER SHALL BE ESTABLISHED.

THE CONTRACTOR SHALL REFER TO ARCH. PLANS FOR BUILDING DIMENSIONS AND UTILITY CONNECTIONS AND COORDINATE THE FINAL LOCATION OF ALL UTILITY METERS WITH UTILITY REPRESENTATIVES.

GENERAL NOTES

EXISTING SURVEY MAPPING PROVIDED BY PJB SURVEYING.

ALL GRADING WORK SHALL BE COMPLETED IN ACCORDANCE WITH STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, DIVISION 3 - SITE PREPARATION AND IN ACCORDANCE WITH THE ATTACHED PLANS.

CONTRACTOR IS RESPONSIBLE FOR NOTIFYING THE ENGINEER IMMEDIATELY IF OR WHEN ANY DISCREPANCIES ARE FOUND DURING GRADING CONSTRUCTION.

RETAINING WALLS GREATER THAN 2' AND SCREENING WALLS SHALL BE PERMITTED THROUGH BUILDING INSPECTIONS.

GRADING GENERAL NOTES:

ALL CONSTRUCTION SHALL CONFORM TO THE CITY OF DALLAS AND NORTH CENTRAL TEXAS COUNCIL OF GOVERNMENTS STANDARD SPECIFICATIONS AND DETAILS. IN THE EVENT THAT AN ITEM IS NOT COVERED, THE CONTRACTOR SHALL BRING THE PROBLEM TO THE ATTENTION OF THE ENGINEER FOR APPROVAL OR MODIFICATION.

EXCAVATE TO REQUIRED LINES AND GRADES. UPON EXCAVATION AND GRADING, THE CONTRACTOR SHALL REFER TO THE LANDSCAPING AND IRRIGATION SHEETS FOR IRRIGATION SLEEVE LOCATIONS AND SIZES. ALSO REFER TO ELECTRICAL SHEETS FOR ELECTRICAL SLEEVE LOCATIONS AND SIZES.

IF THE CONTRACTOR FINDS ANY LOCATION THAT WILL RESULT IN THE OF PONDING WATER, THE CONTRACTOR SHALL NOTIFY THE ENGINEER FOR CLARIFICATION PRIOR TO PAVEMENT PLACEMENT.

GRADING GENERAL NOTES CONTINUE:

ALL EXCAVATION, TRENCHING, AND SHORING OPERATIONS SHALL COMPLY WITH THE REQUIREMENTS OF THE U.S. DEPARTMENT OF LABOR, OSHA, "CONSTRUCTION SAFETY AND HEALTH REGULATIONS.", VOLUME 29, SUBPART "P" AND ANY AMENDMENTS THERETO.

THE LOCATIONS OF EXISTING UTILITIES SHOWN ON THESE PLANS ARE APPROXIMATE. ALL UTILITIES MAY NOT BE SHOWN. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT THE CITY OF DALLAS AND ALL AREA UTILITIES THAT MAY CONFLICT WITH CONSTRUCTION PRIOR TO BEGINNING WORK.

UPON COMPLETION OF PAVING AND DRAINAGE CONSTRUCTION, FINAL GRADING AND GENERAL CLEANUP, OR AREAS DISTURBED BY THE CONSTRUCTION SHALL BE STABILIZED BY SOD, SEEDING, OR HYDROMULCHING AND SHALL CONFORM TO NCTCOG STANDARDS AND SPECIFICATIONS OR TEXAS DEPARTMENT OF TRANSPORTATION SPECIFICATIONS. GROUND COVER TO 90% SHALL BE ESTABLISHED.

PAVING GENERAL NOTES:

- 1. REINFORCED CONCRETE PAVEMENT,
- A. 8" PORTLAND CEMENT CONCRETE PAVEMENT (MIN. CEMENT CONTENT OF 8 SACKS PER C.Y. WITH A MIN. COMPRESSIVE STRENGTH OF 4,000 psi @ 28 DAYS FOR FIRELANE, DUMPSTERS AND WAREHOUSE AREAS.
- 5" PORTLAND CEMENT CONCRETE PAVEMENT (MIN. CEMENT CONTENT OF 5 SACKS PER C.Y. WITH A MIN. COMPRESSIVE STRENGTH OF 3,000 psi @ 28 DAYS FOR PARKING LOT AREAS.
- C. ALL CURBS SHALL BE PLACED INTEGRAL WITH PAVEMENT UNLESS OTHERWISE APPROVED
- BY THE ENGINEER. D. CURBS SHALL MEET THE SAME COMPRESSIVE STRENGTH AS SPECIFIED FOR THE PAVEMENT E. JOINT SPACING SHALL BE 15 FOOT CENTERS.
- REFER TO CITY OF DALLAS STANDARD DETAILS.
- 2. SUBGRADE:
 - A. SUBGRADE SHALL BE SCARIFIED TO A DEPTH OF 8" AND RE-COMPACTED IN COMPLIANCE WITH ITEM 301 OF THE NCTCOG SPECIFICATIONS. SUBGRADE SHALL BE STABILIZED W/48 LBS./S.Y. (8% BY WEIGHT) OF HYDRATED LIME. LIMIT OF SUBGRADE SHALL EXTEND TWO FOOT BEYOND PAVING. RATE OF LIME MAY BE REDUCED ONLY WITH APPROVAL OF ENGINEER.
- 3. REINFORCEMENT:
 - A. REBAR SHALL BE #3 BARS AT 18" O.C. BOTH WAYS.
 - B. WHERE REINFORCED BARS ARE SPLICED, A 30 DIAMETER LAP SHALL BE USED.
 - C. REINFORCING BARS SHALL BE SUPPORTED BY PLASTIC CHAIRS OR OTHER DEVICES APPROVED BY THE ENGINEER.
- 4. SIDEWALKS:
- A. PAVING CONTRACTOR IS RESPONSIBLE FOR CONSTRUCTION OF SINGLE BARRIER FREE RAMPS AS SHOWN ON PLANS.
- ALL SIDEWALKS SHALL BE 4" CONCRETE (5-SACK, 3000 psi) WITH #3 BARS ON 24" 0.C. BOTH WAYS. WHERE SIDEWALK IS ADJACENT TO CURB, USE JOINT LUG PER CITY OF DALLAS DETAIL. REFER TO ARCHITECTURE SITE PLAN FOR SIDEWALK LOCATION, FINISHES, PATTERNS, AND
- COLORS.



DATE	
	TO CENTERVIEW DRIVE, SUITE 117 1701 CENTERVIEW DRIVE, SUITE 117 LITTLE ROCK, AR. OFFICE: 501-215-5807 FAX: 501-227-8302 WWW.ICONICCG, COM
PREPARED FOR:	[CLIENT ADDRESS]
	CITY OF JONESBORO JACKSON COVE OLD GREENSBORO ROAD CRIAGHEAD COUNTY, ARKANSAS
	DESIGN: CHECK: DRAWN: DATE: SCALE:

CO),





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<u>PROFILE VIEW</u>



















<u>PROFILE VIEW</u>

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Alignment - Culdesac South PROFILE HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 5'

<u>PROFILE VIEW</u>

Alignment - RD 3 PROFILE HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 5'

5