

GENERAL NOTES

- PERIMETER CONTROL POINTS AND A LOCAL BENCHMARK SHALL BE PROVIDED. ALL OTHER CONSTRUCTION STAKING SHALL BE PROVIDED BY THE CONTRACTOR. CONTRACTOR SHALL PROTECT AND MAINTAIN CONTROL POINTS PROVIDED.
- ALL INSPECTIONS, TESTING AND COST THEREOF WILL BE PROVIDED BY THE OWNER THROUGH AN INDEPENDENT TESTING COMPANY AND/ OR THE CITY.
- ALL AREAS OUTSIDE OF THE PROJECT SITE WHICH ARE DISTURBED BY THE CONTRACTOR'S ACTIVITIES SHALL BE RESTORED TO ITS ORIGINAL CONDITION AND SEEDED, SODDED OR REPAVED AS REQUIRED. CITY RIGHT-OF-WAY TO BE SODDED.
- CONTRACTOR SHALL COORDINATE HIS WORK WITH OTHER CONTRACTORS AND (OR) PUBLIC/PRIVATE UTILITY COMPANIES WHICH MAY BE WORKING IN THE AREA.
- BARRICADES AND WARNING SIGNS SHALL BE INSTALLED AS REQUIRED BY THE CITY, TxDOT, OR THE ENGINEER. CONSTRUCTION AND PLACEMENT SHALL CONFORM TO THE TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION.
- TEMPORARY JOB-SITE TRAILERS AND STORAGE AREAS MUST COMPLY WITH CURRENT CITY REQUIREMENTS AND HAVE A BUILDING PERMIT.
- EXISTING UTILITIES, APPURTENANCES AND IMPROVEMENTS SHALL BE PROTECTED OR REMOVED AS NOTED. CONTRACTOR SHALL REPAIR OR REPLACE ANY DAMAGES.
- WHERE GRADE CHANGES ARE PROPOSED AT EXISTING UTILITY APPURTENANCES, CONTRACTOR SHALL ADJUST SUCH APPURTENANCES AS REQUIRED.
- WATER FOR CONTRACTOR IS AVAILABLE ON-SITE.
- CONTRACTOR YARD AND STORAGE AREAS MUST BE APPROVED BY THE OWNER. NO EMPLOYEE OR EQUIPMENT PARKING SHALL BE ALLOWED ANYWHERE ELSE AT ANY TIME.
- CONTRACTOR SHALL SECURE AND PAY FOR ALL PERMITS, FEES, AND LICENSES NECESSARY FOR THE EXECUTION OF THE WORK.
- CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE LOCAL, STATE & FEDERAL LAWS AND ORDINANCES.
- CONTRACTOR SHALL MAINTAIN RECORD DRAWINGS WHICH SHALL BE REVIEWED BY THE OWNER PRIOR TO EACH MONTHLY PAY APPLICATION REVIEW.
- CONTRACTOR SHALL COMPLY WITH THE EROSION CONTROL PLAN PREPARED AS PART OF THIS PROJECT AND ANY OTHER CONDITIONS REQUIRED BY THE TEXAS GENERAL PERMIT, THE TCEQ, THE EPA OR THE CITY REGARDING EROSION CONTROL.
- ALL MATERIALS USED IN CONSTRUCTION SHALL HAVE A VENDOR'S CERTIFIED TEST REPORT. SUBMITTALS SHALL BE DELIVERED TO THE ENGINEER BEFORE PERMISSION WILL BE GRANTED FOR USE OF THE MATERIAL. IN THE EVENT ADDITIONAL TESTS ARE REQUIRED, THEY SHALL BE PERFORMED BY AN APPROVED INDEPENDENT TESTING LABORATORY AND SHALL BE PAID FOR BY THE CONTRACTOR.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING AND REPAIRING ALL ROADS AND OTHER FACILITIES USED DURING CONSTRUCTION. UPON COMPLETION OF THE PROJECT ALL EXISTING ROADS SHALL BE LEFT IN A CONDITION EQUAL TO THAT AT THE TIME THE CONTRACTOR COMMENCES WORK ON THIS PROJECT.
- THE LOCATION AND DIMENSIONS SHOWN ON THE PLANS RELATIVE TO EXISTING UTILITIES ARE BASED ON THE BEST INFORMATION AVAILABLE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY LOCATIONS OF ADJACENT AND/OR CONFLICTING UTILITIES SUFFICIENTLY IN ADVANCE OF CONSTRUCTION IN ORDER THAT HE MAY NEGOTIATE SUCH ADJUSTMENTS AS NECESSARY IN THE CONSTRUCTION PROCESS TO PROVIDE ADEQUATE CLEARANCES. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS IN ORDER TO PROTECT ALL SERVICES ENCOUNTERED.
- PER TEXAS HOUSE BILL 1569, EFFECTIVE AS OF SEPTEMBER 1, 1989, IT SHALL BE THE RESPONSIBILITY OF THE CONSTRUCTION CONTRACTOR TO PROVIDE AND MAINTAIN A VIABLE TRENCH SAFETY SYSTEM AT ALL TIMES DURING CONSTRUCTION ACTIVITIES. BID ITEMS FOR TRENCH EXCAVATION SAFETY PROTECTION SHALL BE INCLUDED IN THE PROPOSAL.
- THE CONTRACTOR SHALL FULLY COMPLY WITH ALL LOCAL, STATE AND FEDERAL LAWS, INCLUDING ALL CODES, ORDINANCES AND REGULATIONS APPLICABLE TO THIS CONTRACT AND THE WORK TO BE DONE THEREUNDER, WHICH EXIST OR WHICH MAY BE ENACTED LATER BY GOVERNMENTAL BODIES HAVING JURISDICTION OR AUTHORITY FOR SUCH ENACTMENT.
- ALL WORK WHICH HAS BEEN REJECTED OR CONDEMNED SHALL BE REPAIRED, OR IF IT CANNOT BE REPAIRED SATISFACTORILY, IT SHALL BE REMOVED AND REPLACED AT THE CONTRACTOR'S EXPENSE. DEFECTIVE MATERIALS SHALL BE IMMEDIATELY REMOVED FROM THE WORK SITE.
- THE CONTRACTOR SHALL, AT ALL TIMES, KEEP THE SITE OF THE WORK AND ADJACENT PREMISES AS FREE FROM MATERIAL, DEBRIS AND RUBBISH AS IS PRACTICABLE AND SHALL REMOVE SAME FROM ANY PORTION OF THE SITE IF, IN THE OPINION OF THE OWNER, SUCH MATERIAL, DEBRIS OR RUBBISH CONSTITUTES A NUISANCE OR IS OBJECTIONABLE.
- THE CONTRACTOR SHALL MAKE A FINAL CLEAN-UP OF ALL PARTS OF THE WORK BEFORE ACCEPTANCE BY THE DEVELOPER. THIS CLEAN-UP SHALL INCLUDE REMOVAL OF ALL OBJECTIONABLE MATERIALS AND, IN GENERAL, PREPARING THE SITE OF THE WORK IN AN ORDERLY APPEARANCE.
- TRAFFIC CONTROL PLAN SHALL BE PROVIDED BY THE CONTRACTOR.

PAVING NOTES

- ALL WORK SHALL CONFORM TO THESE PLANS AND CONTRACT DOCUMENTS AND TO THE 3rd EDITION OF THE NORTH CENTRAL TEXAS COUNCIL OF GOVERNMENTS STANDARDS SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (COW) AS AMENDED BY THE CONTRACT DOCUMENTS AND THE CITY.
- ALL PAVING DIMENSIONS ARE MEASURED TO FACE OF CURB AND FACE OF BUILDING, UNLESS OTHERWISE NOTED.
- ALL CURB RADII ARE AS SHOWN ON THE PLANS OR TYPICAL DETAILS.
- REFER TO ARCHITECTURAL PLANS FOR ACTUAL BUILDING DIMENSIONS.
- BOUNDARY MONUMENTS HAVE BEEN SET BY OTHERS. CONTRACTOR SHALL VERIFY THEIR EXISTENCE AND ACCURACY PRIOR TO CONSTRUCTION. ADVISE THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
- CONTRACTOR SHALL PROVIDE ALL STAKING.
- COORDINATES MAY BE PROVIDED TO ASSIST THE CONTRACTOR AND HIS SURVEYOR. SHOULD ANY DISCREPANCY ARISE BETWEEN THE COORDINATES AND THE INTENT OF THE LAYOUT OR PLAN, CONTRACTOR SHALL IMMEDIATELY INFORM THE ENGINEER. VERIFY THAT COORDINATES AND DIMENSIONS MATCH DURING LAYOUT PRIOR TO CONSTRUCTION.
- PAVEMENT STRENGTH, THICKNESS AND REINFORCING SHALL MEET OR EXCEED THE PLAN AND DETAILS.
- PRIVATE PAVEMENT SUBGRADE SHALL BE PROOF-ROLLED AND ANY SOFT OR PUMPING AREAS SHALL BE EXCAVATED AND RECOMPACTED PRIOR TO PAVING. SUBGRADE SHALL CONFORM TO THESE PLANS AND THE GEOTECHNICAL RECOMMENDATIONS PRIOR TO PAVING.
- WHERE PROPOSED PAVEMENT ABUTS EXISTING PAVEMENT, PROVIDE MACHINE DRILLED AND EPOXY SET #5 BARS ON 24-INCH CENTERS, MINIMUM 12" PENETRATION, 24-INCHES LONG.
- SAWCUT NEW PAVEMENT AS SOON AS PRACTICAL WHEN CONCRETE CAN SUPPORT EQUIPMENT AND PROVIDE A NEAT AND TRUE CUT.
- ALL JOINTS SHALL BE CONTINUOUS THROUGH THE CURB.
- SAW ALL CONSTRUCTION JOINTS, CLEAN AND IMMEDIATELY SEAL.
- SEE ADDITIONAL CITY STANDARD DETAILS AND NOTES & NOTOOG 3rd EDITION.
- CITY STANDARDS SHALL GOVERN FOR SIDEWALK PAVING IN PUBLIC RIGHT-OF-WAY.
- PAVEMENT SAW JOINTS SHALL BE AT 12' MAX. INTERVALS.
- EXPANSION JOINTS SHALL BE AT 100' MAX. INTERVALS AND AT INTERSECTIONS.
- CONTRACTOR SHALL SEAL ALL EXPANSION JOINTS.
- NO SAND UNDER PAVING.

GRADING NOTES

- INSTALL SILT FENCE AND PROVIDE ON-GOING MAINTENANCE.
- MAINTAIN AND PROTECT TOPSOIL STOCKPILE.
- ALL GRADE TOLERANCES 0.1 FOOT.
- PERFORM ADDITIONAL FINE GRADING AROUND PAVING AND FOUNDATIONS AS REQUIRED TO MEET FINISHED GRADES INDICATED ON THE PLANS.
- PLACE TOPSOIL IN LANDSCAPE ISLANDS (4-INCH MINIMUM DEPTH).
- FINE GRADE INTERIOR LANDSCAPE AREAS TO PROVIDE SMOOTH FINISH AND POSITIVE DRAINAGE.
- REGRADE PERIMETER LANDSCAPE AREAS AS NECESSARY.
- EXCESS EXCAVATION SHALL BE REMOVED FROM THE SITE.
- ALL FILL TO BE COMPACTED TO A MIN 95% USING SHEEPS FOOT ROLLER.
- THE SIDES AND BOTTOM OF THE DETENTION POND TO HAVE ANCHORED CURLEX OR SOD PRIOR TO ANY PAVING INCLUDING SLAB.
- DETENTION POND TO BE FULLY INSTALLED AND FUNCTIONING PRIOR TO ANY PAVING (INCLUDING SLAB).

UTILITY NOTES

- CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF THE CITY & NCTCOG 3rd EDITION AND SHALL COORDINATE WITH SAME WHEN CONNECTING TO THEIR SYSTEMS.
- EXISTING STORM SEWER AND UTILITY DATA IS PROVIDED FOR INFORMATION ONLY FROM THE BEST AVAILABLE PLAN RECORDS. CONTRACTOR SHALL VERIFY THEIR LOCATION AND ELEVATION PRIOR TO CONSTRUCTION.
- FOR ALL CONSTRUCTION PROJECTS IN WHICH TRENCH EXCAVATION WILL EXCEED FIVE FEET (5') THE CONTRACTOR SHALL PROVIDE DETAILED PLANS AND SPECIFICATIONS FOR ADEQUATE SAFETY SYSTEMS THAT MEET OSHA STANDARDS.
- THERE SHALL BE A MINIMUM COVER OF FORTY-EIGHT INCHES (48") OVER WATER PIPE AS MEASURED FROM THE TOP OF THE PIPE TO THE EXISTING GROUND, OR THE PROPOSED FINISHED GRADE, WHICHEVER IS GREATER.
- IF THERE IS LESS THAN 2' OF CLEARANCE BETWEEN THE STORM OR WATER AND SANITARY SEWER SERVICES, THE SANITARY SEWER SERVICES WILL NEED TO BE CONCRETE ENCASED 10' ON EACH SIDE OF CROSSING.
- CONTRACTOR SHALL COORDINATE INSTALLATION OF UTILITIES IN SUCH A MANNER AS TO AVOID CONFLICTS AND TO ASSURE PROPER DEPTHS ARE ACHIEVED.
- THE CONTRACTOR SHALL, ON ALL UTILITIES, COORDINATE INSPECTION AND TESTING WITH THE APPROPRIATE AUTHORITIES PRIOR TO BACKFILLING TRENCHES.
- WATER LINE TAPS & METER PER CITY STANDARDS.
- WATER AND SEWER SERVICES LINES PER APPLICABLE PLUMBING CODE AND BUILDING PERMIT REQUIREMENTS.
- NOTIFY ALL UTILITY COMPANIES AT LEAST 48 HOURS IN ADVANCE OF ANY SITE CONSTRUCTION.
- COORDINATE WITH OTHER CONTRACTORS INSTALLING GAS, ELECTRIC AND TELEPHONE SERVICES.
- ALL UTILITIES ENTERING BUILDING SHALL BE CONSTRUCTED TO 5' OUTSIDE FACE OF BUILDING. COORDINATE WITH MEP PLANS FOR BUILDING CONNECTIONS.
- WHERE PROPOSED WATER LINE CROSSES UNDER A PROPOSED SANITARY SEWER LINE, OR STORM CONTRACTOR SHALL CONCRETE ENCASE THE SANITARY SEWER 10' ON EACH SIDE OF WATER LINE AND PROVIDE A MINIMUM OF 6" SEPARATION BETWEEN THE LINES.
- ALL VALVES, DUCTILE IRON PIPE, CAST IRON PIPE, CAST IRON FITTINGS, AND SPECIALS, SHALL BE POLYETHYLENE WRAPPED.
- WATER & SEWER SERVICES AND SIZES PROVIDED BY MEP.
- MANHOLE COVER, VALVES, METER BOXES AND ALL OTHER UTILITY APPURTENANCES SHALL BE ADJUSTED TO MATCH FINAL GRADE.
- ALL CONSTRUCTION ON ALL PUBLIC SEWER AND WATER SYSTEMS SHALL BE IN ACCORDANCE WITH CITY STANDARDS & NCTCOG 3rd EDITION.
- BLOCKING SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CITY STANDARD DETAILS.
- ALL FIRE PROTECTION MAINS AND APPURTENANCES SHALL BE APPROVED & PERMITTED BY THE CITY FIRE DEPARTMENT.
- ALL ON SITE WATER DOWNSTREAM OF THE COMBINATION METER IS PRIVATE AND SHALL BE INSTALLED PER APPLICABLE PLUMBING CODE.
- ALL ON SITE SEWER IS PRIVATE AND SHALL BE INSTALLED PER APPLICABLE PLUMBING CODE.
- ALL GAS, ELECTRIC AND TELEPHONE FACILITIES SHALL BE INSTALLED PER THE UTILITY PROVIDER REQUIREMENTS.
- ALL WATER IS CLASS 200
- BLUE EMS DISKS TO BE INSTALLED ON WATER LINE AT EVERY CHANGE IN DIRECTION, VALVE, AND SERVICE.
- GREEN EMS DISKS TO BE INSTALLED ON SEWER LINES AT EVERY MANHOLE, CLEANOUT, OR SERVICE CONNECTION.
- ALL PUBLIC MANHOLES TO BE RAVEN COATED OR APPROVED EQUAL.

DRAINAGE NOTES:

- CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF THE CITY & NCTCOG 3rd EDITION AND SHALL COORDINATE WITH SAME WHEN CONNECTING TO THEIR SYSTEMS.
- EXISTING STORM SEWER AND UTILITY DATA IS PROVIDED FOR INFORMATION ONLY FROM THE BEST AVAILABLE PLAN RECORDS. CONTRACTOR SHALL VERIFY THEIR LOCATION AND ELEVATION PRIOR TO CONSTRUCTION.
- CONTRACTOR IS RESPONSIBLE FOR ANY REPAIRS REQUIRED TO EXISTING UTILITIES DUE TO HIS ACTIVITIES.
- CONTRACTOR SHALL COMPLY WITH TEXAS HOUSE BILL 1569 AND PROVIDE HIS OWN TRENCH SAFETY SYSTEM DESIGN.
- ALL STORM SEWER PIPE SHALL BE AS FOLLOWS:
DIAMETER < 15" PVC OR ADS D-12
DIAMETER ≥ 15" RCP ASTM C-76, CLASS III
- CONCRETE PIPE JOINTS TO BE SEALED WITH RAMNECK OR EQUAL.
- ALL CONNECTIONS SHALL BE WATERTIGHT. GROUT CONNECTIONS AT STRUCTURES.
- STORM SEWER INLETS MAY BE PRE-CAST OR CAST-IN-PLACE. THROAT DEPTHS AND OPENINGS SHALL MEET CITY STANDARDS
- ADJUST ALL APPURTENANCES (INLETS, MANHOLES, CLEANOUTS, ETC.) TO FINAL GRADE.
- SUBMITTALS REQUIRED FOR ALL ON SITE INLETS.

RECORD DRAWINGS
TO THE BEST OF OUR KNOWLEDGE BINKLEY & BARFIELD - C&P, INC., HEREBY STATES THAT THIS PLAN IS AS-BUILT. THIS INFORMATION PROVIDED IS BASED ON SURVEYING AT THE SITE AND INFORMATION PROVIDED BY THE CONTRACTOR.
DATE: 7-1-2014 SIGNATURE: *Thomas P. Jones*
BINKLEY & BARFIELD - C&P, INC.

B.M. 5/8" IRON ROD WITH YELLOW CAP FOUND ON SOUTH CORNER OF THE INTERSECTION OF INDUSTRIAL BLVD. AND AIRPORT ROAD ELEVATION = 581.84

"ALL RESPONSIBILITY FOR ADEQUACY OF DESIGN REMAINS WITH THE DESIGN ENGINEER. THE CITY OF ROCKWALL, IN REVIEWING AND RELEASING PLANS FOR CONSTRUCTION, ASSUMES NO RESPONSIBILITY FOR ADEQUACY OR ACCURACY OF DESIGN"

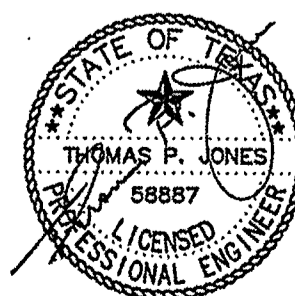

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△				Designed By: RAA	Job No.: BC12049
△				Drawn By: BS	Date: NOV. 30, 2012
△				Checked By: TPJ	Scale: 1"=30' H (22"X34")
△				Approved By:	
Rev	Date	Description	App.		

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The seal appearing on this document was authorized by Thomas P. Jones, P.E. 58887. Alteration of a sealed document without proper notification to the responsible engineer is an offense under the Texas Engineering Practice Act. Mar. 28, 2013

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GENERAL NOTES
BLOCK A, LOT 4, COLUMBIA PARK ADDITION
ROCKWALL, TEXAS

LAKES REGIONAL
MENTAL HEALTH MENTAL RETARDATION CENTER
ROCKWALL, TEXAS

Sheet No:
C8
of NS