

GENERAL NOTES

- ALL CONSTRUCTION SHALL CONFORM TO CITY STANDARDS AND SPECIFICATIONS.
- ALL DIMENSIONS SHOWN ARE TO FACE OF CURB AND OUTSIDE FACE OF BUILDING UNLESS OTHERWISE NOTED.
- ALL CURB RADII ARE THREE FEET UNLESS OTHERWISE NOTED.
- ALL PARKING SPACES ARE 20 FEET BY 10 FEET UNLESS OTHERWISE NOTED.
- ALL CURB AND GUTTER SHALL BE INTEGRAL. ALL JOINTS SHALL CONTINUE THROUGH CURB.
- CONTRACTOR SHALL SAW-CUT EXISTING PAVEMENT AND CURBS TO PROVIDE A SMOOTH CONNECTION AND INSURE POSITIVE DRAINAGE. ALL SAWCUTS OF EXISTING PAVEMENT SHALL BE FULL DEPTH OF PAVEMENT.
- CONTRACTOR SHALL COORDINATE INSTALLATION OF ALL SIGNS, PAVEMENT MARKINGS AND OTHER TRAFFIC CONTROL DEVICES WITH OTHER CONTRACTORS ON SITE.
- ALL PARKING STRIPES ARE FOUR-INCHES WIDE AND TRAFFIC WHITE EXCEPT WHERE NOTED.
- FIRE LANE STRIPES SHALL BE (PER CITY SPECIFICATION) 6-INCHES WIDE, RED AND LABELED EVERY 25 FEET "NO PARKING FIRE LANE" WITH FOUR-INCHES WHITE LETTERS ON A 6-INCHES STRIPED BACKGROUND. MINIMUM RADIUS ON FIRE LANE STRIPE SHALL BE 20 FEET. WHERE ADJACENT TO A CURB, STRIPING SHALL BE PLACED ON THE CURB. FIRE LANE STRIPING SHALL BE PLACED CORRESPONDING TO THE FIRE LANE LOCATION REFLECTED ON THE PLANS.
- DRIVEWAY CONSTRUCTION MUST BE COMPLETED WITHIN 72 HOURS AFTER CURB CUT HAS BEGUN.
- CONTRACTOR TO PROVIDE TRENCH SAFETY PLANS SIGNED AND SEALED BY A REGISTERED ENGINEER PRIOR TO START OF CONSTRUCTION.
- ALL CONSTRUCTION SHALL ADHERE TO RECOMMENDATIONS IN THE GEOTECHNICAL REPORT ISSUED FOR THIS SITE.
- ALL CONSTRUCTION IN STATE R.O.W. SHALL CONFORM TO THE TEXAS DEPARTMENT OF TRANSPORTATION STANDARDS AND SPECIFICATIONS.
- PARKING AREA PAVEMENT FOR CAR AND LIGHT TRUCK AREA PARKING SHALL BE 6-INCH THICK HOT-MIX ASPHALTIC CONCRETE PAVEMENT CONSISTING OF 4.5-INCH BASE COURSE, TYPE B, TXDOT ITEM 340 AND 1.5-INCH SURFACE COURSE, TYPE D, TXDOT ITEM 340.
- FIRE LANE AND HEAVY TRAFFIC PAVEMENT SHALL BE 12-INCH THICK HOT-MIX ASPHALTIC CONCRETE PAVEMENT CONSISTING OF 10-INCH BASE COURSE, TYPE B, TXDOT ITEM 340 AND 2-INCH SURFACE COURSE, TYPE D, TXDOT ITEM 340.
- ASPHALT PAVEMENT OVERLAY SECTION IN AREAS THAT ARE TO REMAIN SHALL BE CORED AND ANALYZED BY THE GEOTECHNICAL ENGINEER. FINAL OVERLAY SHALL ADHERE TO GEOTECHNICAL RECOMMENDATIONS. USE TWO-INCH THICK TYPE D ASPHALT OVERLAY FOR BIDDING PURPOSES ONLY.
- ALL PAVEMENT SECTIONS SHALL INCLUDE 8-INCH LIME STABILIZED SUBGRADE. LIME PERCENTAGE SHALL BE AS DETERMINED BY THE GEOTECHNICAL ENGINEER. ASSUME 27 LBS/SY FOR BIDDING PURPOSES.
- CONCRETE PAVEMENT SHALL BE 8 INCHES THICK. CONCRETE STRENGTH SHALL BE A MINIMUM OF 3,600 psi AT 28 DAYS.
- PAVEMENT REINFORCEMENT SHALL BE NO. 3 BARS AT 18" O.C.E.W. ADDITIONAL REINFORCING CONSISTING OF #5 BARS SHALL BE PLACED AROUND ALL MANHOLES, DRAINS, ETC.
- CONTRACTION JOINTS SHALL BE SPACED AT 12 FEET O.C.E.W. WITH NO DIMENSION LESS THAN 75 PERCENT OF THE PERPENDICULAR DIMENSION.
- CONTRACTOR SHALL TAKE SPECIAL CARE TO ASSURE PROPER DOWELL PLACEMENT AT EXPANSION JOINTS. IMPROPER PLACEMENT WILL NECESSITATE REMOVAL OF PAVEMENT.
- ALL EXISTING STRUCTURES, CONCRETE PAVING AND WALKS WITHIN THE LIMITS OF THE PROPERTY SHALL BE REMOVED AS REFLECTED IN THE DEMOLITION PLAN.
- REFERENCE ARCHITECTURAL PLANS FOR EXACT BUILDING AND RELATED SIDEWALK DIMENSIONS.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT ALL PUBLIC UTILITIES IN THE CONSTRUCTION OF THIS PROJECT. ALL MANHOLES, CLEANOUTS, VALVE BOXES, FIRE HYDRANTS, etc. MUST BE ADJUSTED TO PROPER LINE AND GRADE BY THE CONTRACTOR PRIOR TO AND AFTER THE PLACING OF PERMANENT PAVING.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL VERIFY THE LOCATION OF VALVES, MANHOLES, FIRE HYDRANTS, GAS/TELEPHONE/ELECTRICAL LINES THAT ARE AFFECTED BY THE CONSTRUCTION.
- RADIAL JOINTS SHALL BE NO SHORTER THAN 1.5 FEET.
- CONTRACTOR SHALL USE A THICKENED EDGE EXPANSION JOINT AROUND THE PERIMETER OF ANY BLOCKOUT IN THE CONCRETE PAVING.
- ALL CONSTRUCTION JOINTS SHALL BE SAWN, CLEANED OF DEBRIS, BLOWN DRY AND IMMEDIATELY SEALED PER N.C.T.C.O.G. SPECIFICATIONS.
- PROVIDE EXPANSION JOINTS WITHOUT DOWELS BETWEEN PAVEMENT AND BUILDING.
- THICKENED EDGES ARE REQUIRED AT ALL CONNECTIONS TO EXISTING PAVEMENT.
- CONTRACTOR SHALL COORDINATE EFFORT FOR RELOCATING LIGHT AND POWER POLES. THE COST ASSOCIATED WITH THE RELOCATION SHALL BE PAID BY CONTRACTOR.
- BUILDING FOOTPRINTS SHOWN ARE AS PROVIDED BY ARCHITECT. ALL BUILDING CORNER COORDINATES AND DIMENSIONS RELY ON THE ACCURACY OF THE ARCHITECTS ELECTRONIC FILE. REFER TO ARCHITECTURAL PLANS FOR EXACT BUILDING DIMENSIONS. CONTRACTOR SHALL IMMEDIATELY NOTIFY ENGINEER OF ANY DISCREPANCY BETWEEN THIS PLAN AND THE ARCHITECTS PLAN.
- REFERENCE ARCHITECTURAL PLANS FOR DUMPSTER SCREENING.
- SUBGRADES OF BUILDING AND PAVING AREAS SHALL BE MAINTAINED IN A MOIST CONDITION UNTIL THE PAVEMENT/CONCRETE IS PLACED.
- ALL ACCESSIBLE PARKING SPACES SHALL HAVE APPROPRIATE SIGNAGE ASSOCIATED WITH EACH SPACE.
- SIDEWALK PAVEMENT THICKNESS SHALL BE FOUR INCHES. CONCRETE STRENGTH SHALL BE A MINIMUM OF 3000 PSI AT 28 DAYS. NO SAND SHALL BE PLACED UNDER SIDEWALKS.
- NO SAND SHALL BE USED ON THE PAVEMENT.

UTILITY NOTES

- ALL CONSTRUCTION SHALL CONFORM TO CITY STANDARDS AND SPECIFICATIONS.
- ALL DIMENSIONS SHOWN ARE TO FACE OF CURB, CENTERLINE OF PIPE AND OUTSIDE FACE OF BUILDING UNLESS OTHERWISE NOTED.
- THE UTILITY CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING ALL WATER MAINS IN AREAS OF CONFLICT WITH OTHER PROPOSED UTILITIES.
- CONTRACTOR TO PROVIDE TRENCH SAFETY PLANS SIGNED AND SEALED BY A LICENSED ENGINEER PRIOR TO START OF CONSTRUCTION.
- THE CONTRACTOR SHALL PROVIDE AS-BUILT PLANS TO THE ENGINEER SO THAT THE ENGINEERING PLANS MAY BE CORRECTED TO REFLECT AS-BUILT CONDITIONS.
- THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE AND MAINTAIN ALL NECESSARY WARNING AN SAFETY DEVICES (FLASHING LIGHTS, BARRICADES, SIGNS, etc.) TO PROTECT PUBLIC SAFETY AND HEALTH UNTIL ALL WORK HAS BEEN COMPLETED AND ACCEPTED BY THE CITY.
- ALL WATER AND SEWER CROSSINGS SHALL BE CENTERED ON THE JOINT OF PIPE.
- ALL SANITARY SEWER LINES, MANHOLES AND WATER LINES SHALL BE TESTED IN ACCORDANCE WITH CITY STANDARD SPECIFICATIONS.
- ALL SANITARY SEWER MAIN CONSTRUCTION SHALL CONFORM TO THE MINIMUM REQUIREMENTS OF THE TEXAS STATE DEPARTMENT OF HEALTH RULES AND REGULATIONS FOR PUBLIC WATER AND SEWERAGE SYSTEMS.
- THE LOCATION OF EXISTING UNDERGROUND FACILITIES INDICATED ON THE PLANS IS TAKEN FROM PUBLIC RECORDS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAKE ARRANGEMENTS WITH THE OWNERS OF SUCH UNDERGROUND FACILITIES PRIOR TO WORKING IN THE AREA TO CONFIRM THEIR EXACT LOCATION AND TO DETERMINE WHETHER ANY ADDITIONAL FACILITIES, OTHER THAN THOSE SHOWN ON THE PLAN, MAY BE PRESENT. THE CONTRACTOR SHALL PRESERVE AND PROTECT ALL UNDERGROUND FACILITIES FOUND.
- THE UTILITY CONTRACTOR SHALL PROVIDE ADEQUATE CONCRETE THRUST BLOCKING AT ALL TEES, BENDS, FIRE HYDRANTS, etc.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT ALL PUBLIC UTILITIES IN THE CONSTRUCTION OF THIS PROJECT. ALL MANHOLES, CLEANOUTS, VALVE BOXES, FIRE HYDRANTS, etc. MUST BE ADJUSTED TO PROPER LINE AND GRADE BY THE CONTRACTOR PRIOR TO AND AFTER THE PLACING OF TEMPORARY AND PERMANENT PAVING.
- HOSE/PUMPER NOZZLES ON FIRE HYDRANTS SHALL BE 18 INCHES ABOVE THE TOP OF CURB, OR FINISHED GRADE AND SHALL FACE THE STREET OR FIRE LANE. FIRE HYDRANTS SHALL BE PLACED NOT LESS THAN THREE FEET NOR MORE THAN SIX FEET BEHIND THE CURB.
- CONTRACTOR SHALL VERIFY ALL EXISTING INVERTS AND RIM ELEVATIONS PRIOR TO BEGINNING CONSTRUCTION. IF ANY DISCREPANCY IS FOUND, CONTRACTOR SHALL IMMEDIATELY NOTIFY ENGINEER FOR RESOLUTION.
- ALL UNDERGROUND PIPING FOR FIRE SPRINKLER SYSTEM IS REQUIRED TO BE INSTALLED BY A LICENSED CONTRACTOR AND PERMITTED THROUGH FIRE PREVENTION.
- ALL WATER SYSTEM PIPING IS REQUIRED TO BE CLASS 200, OR SDR14, P.V.C.
- CONTRACTOR SHALL REFERENCE MEP AND ARCHITECTURAL PLANS TO CONFIRM LOCATION OF BUILDING UTILITY SERVICES PRIOR TO BEGINNING CONSTRUCTION.
- CONSTRUCTION SHALL NOT PROCEED ABOVE FOUNDATION PRIOR TO COMPLETION OF ALL FIRE LANES AND ACCEPTANCE OF WATER LINES AND FIRE HYDRANTS.
- CONTRACTOR SHALL TERMINATE ALL UTILITY LINES FIVE FEET FROM THE FACE OF BUILDING.
- ALL PVC TO RCP CONNECTIONS SHALL BE CONSTRUCTED WITH CONCRETE COLLARS.
- CONTRACTOR SHALL VERIFY THE SUITABILITY OF ALL EXISTING AND PROPOSED SITE CONDITIONS INCLUDING GRADES AND DIMENSIONS BEFORE COMMENCEMENT OF CONSTRUCTION. ENGINEER SHALL BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCIES.

STORM DRAIN NOTES

- ALL CONSTRUCTION SHALL CONFORM TO CITY STANDARDS AND SPECIFICATIONS.
- ALL DIMENSIONS SHOWN ARE TO FACE OF CURB, CENTERLINE OF PIPE AND OUTSIDE FACE OF BUILDING UNLESS OTHERWISE NOTED.
- CONTRACTOR TO PROVIDE TRENCH SAFETY PLANS SIGNED AND SEALED BY A LICENSED ENGINEER PRIOR TO START OF CONSTRUCTION.
- THE CONTRACTOR SHALL PROVIDE AS-BUILT PLANS TO THE ENGINEER SO THAT THE ENGINEERING PLANS MAY BE CORRECTED TO REFLECT AS-BUILT CONDITIONS.
- THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE AND MAINTAIN ALL NECESSARY WARNING AN SAFETY DEVICES (FLASHING LIGHTS, BARRICADES, SIGNS, etc.) TO PROTECT PUBLIC SAFETY AND HEALTH UNTIL ALL WORK HAS BEEN COMPLETED AND ACCEPTED BY THE CITY.
- THE LOCATION OF EXISTING UNDERGROUND FACILITIES INDICATED ON THE PLANS IS TAKEN FROM PUBLIC RECORDS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAKE ARRANGEMENTS WITH THE OWNERS OF SUCH UNDERGROUND FACILITIES PRIOR TO WORKING IN THE AREA TO CONFIRM THEIR EXACT LOCATION AND TO DETERMINE WHETHER ANY ADDITIONAL FACILITIES, OTHER THAN THOSE SHOWN ON THE PLAN, MAY BE PRESENT. THE CONTRACTOR SHALL PRESERVE AND PROTECT ALL UNDERGROUND FACILITIES FOUND.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT ALL PUBLIC UTILITIES IN THE CONSTRUCTION OF THIS PROJECT. ALL MANHOLES, CLEANOUTS, VALVE BOXES, FIRE HYDRANTS, etc. MUST BE ADJUSTED TO PROPER LINE AND GRADE BY THE CONTRACTOR PRIOR TO AND AFTER THE PLACING OF PERMANENT PAVING.
- CONTRACTOR SHALL VERIFY ALL EXISTING INVERTS AND RIM ELEVATION PRIOR TO BEGINNING CONSTRUCTION. NOTIFY ENGINEER IMMEDIATELY IF ANY DISCREPANCY.
- ALL PVC TO RCP CONNECTIONS SHALL BE CONSTRUCTED WITH CONCRETE COLLARS.
- CONTRACTOR SHALL VERIFY THE SUITABILITY OF ALL EXISTING AND PROPOSED SITE CONDITIONS INCLUDING GRADES AND DIMENSIONS BEFORE COMMENCEMENT OF CONSTRUCTION. ENGINEER SHALL BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCIES.

GRADING NOTES

- ALL CONSTRUCTION SHALL CONFORM TO CITY STANDARDS AND SPECIFICATIONS.
- ALL CONSTRUCTION IN STATE R.O.W. SHALL CONFORM TO THE TEXAS DEPARTMENT OF TRANSPORTATION STANDARDS AND SPECIFICATIONS.
- REFERENCE ARCHITECTURAL PLANS FOR EXACT BUILDING AND RELATED SIDEWALK DIMENSIONS.
- PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL VALVES, MANHOLES, FIRE HYDRANTS, GAS/TELEPHONE/ELECTRIC LINES THAT ARE AFFECTED BY THE CONSTRUCTION.
- REFERENCE GRADING SPECIFICATIONS FOR GRADING CRITERIA.
- MAXIMUM SLOPE WITHIN THE TRACT SHALL BE THREE FEET HORIZONTAL TO ONE FOOT VERTICAL.
- MAXIMUM SLOPE INSIDE TEXAS DOT R.O.W SHALL BE SIX FEET HORIZONTAL TO ONE FOOT VERTICAL.
- ALL CONSTRUCTION SHALL ADHERE TO RECOMMENDATIONS IN THE GEOTECHNICAL REPORT ISSUED FOR THIS SITE.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT ALL PUBLIC UTILITIES IN THE CONSTRUCTION OF THIS PROJECT. ALL MANHOLES, CLEANOUTS, VALVE BOXES, FIRE HYDRANTS, etc. MUST BE ADJUSTED TO PROPER LINE AND GRADE BY THE CONTRACTOR PRIOR TO AND AFTER THE PLACING OF PERMANENT PAVING.
- REFERENCE LANDSCAPE CONSTRUCTION PLANS FOR GRADING OUTSIDE PAVEMENT AREAS.
- REFERENCE STORM WATER POLLUTION PREVENTION PLAN FOR EROSION CONTROL DEVICES TO BE INSTALLED PRIOR TO BEGINNING GRADING OPERATIONS. MAINTENANCE REQUIREMENTS ARE ALSO DEFINED. CONTRACTOR IS REQUIRED TO SUBMIT A NOTICE OF INTENT (NOI) TO THE EPA.
- MAXIMUM CROSS SLOPE FOR ANY SIDEWALK IS 2 PERCENT. MAXIMUM LONGITUDINAL SLOPE FOR ANY SIDEWALK IS 5 PERCENT, UNLESS OTHERWISE NOTED.
- ALL SPOT GRADES REFLECT TOP OF PAVEMENT (GUTTER) ELEVATIONS, UNLESS OTHERWISE NOTED.
- ALL VEGETATION AND TOPSOIL CONTAINING ORGANIC MATERIAL SHALL BE CLEARED AND GRUBBED AT THE BEGINNING OF EARTHWORK CONSTRUCTION.
- ALL DISTURBED AREA SHALL HAVE GRASS INSTALLED PRIOR TO FINAL ACCEPTANCE; 80 PERCENT; COVERAGE 2 INCHES TALL.
- ALL FILL SHALL BE COMPACTED WITH SHEEPS FOOT ROLLER.

RECORD DRAWING

REVISED TO REFLECT KNOWN CHANGES MADE DURING CONSTRUCTION.
Robert Wright DATE 8-18-03

- ▲ ADDED NOTE
- ▲ CHANGED NOTE

PATE ENGINEERS
 6190 BROOKHURST DRIVE
 DALLAS, TEXAS 75247
 TEL: (214) 357-2881
 FAX: (214) 357-2885

TA
 TRAVEL CENTERS OF AMERICA - Protolite
 Interstate 30 at State Highway 205
 Rockwall, Texas 75087
 TravelCenters of America

PROJECT NO: TAR2TX

REVISIONS: CONSTRUCTION SET DOCUMENTS; CONSTRUCTION BULLETIN #1 10/18/02

- ▲ REVISIONS PER OWNER'S COMMENTS
- ▲ REVISIONS PER CITY COMMENTS

CHECKED BY: JEM

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 Date: SEPTEMBER 25, 2002