

**GENERAL NOTES**

- THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AND STRUCTURES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF VARIOUS UTILITY COMPANIES AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THIS INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE LOCATION OF ALL UNDERGROUND UTILITIES AND STRUCTURES SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR MUST CONTACT THE APPROPRIATE UTILITY COMPANY, ANY GOVERNING PERMITTING AUTHORITY, AND "DIG TESS" AT LEAST 72 HOURS PRIOR TO ANY EXCAVATION WORK TO REQUEST EXACT FIELD LOCATION OF UTILITIES AND THE ENGINEER SHALL BE NOTIFIED IN WRITING OF ANY UTILITIES INTERFERING WITH THE PROPOSED CONSTRUCTION AND APPROPRIATE REMEDIAL ACTION TAKEN BEFORE PROCEEDING WITH THE WORK. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLAN.
- PROPERTY LINE, EXISTING UTILITY INFORMATION AND TOPOGRAPHY TAKEN FROM ALTA SURVEY COMPLETED ON JANUARY 24, 2006 BY WEBB SURVEYING, INC., 3400 SILVERSTONE DRIVE SUITE 121, PLANO, TEXAS 75023 (972) 964-1737.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ESTABLISHING AND MAINTAINING ALL CONTROL POINTS AND BENCH MARKS NECESSARY FOR THE WORK.
- ALL CONSTRUCTION SHALL BE IN STRICT ACCORDANCE WITH THE CONSTRUCTION STANDARDS OF THE TOWN OF ADDISON AND GOVERNED BY THE NORTH CENTRAL TEXAS COUNCIL OF GOVERNMENTS' (NCTCOG) STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 3RD EDITION.
- IN CASE OF CONFLICT OR CONTRADICTIONS BETWEEN THE CONSTRUCTION STANDARDS OF THE TOWN OF ADDISON AND THE NCTCOG SPECIFICATIONS, THE FOLLOWING HIERARCHY SHALL PRESIDE: TOWN OF ADDISON STANDARD GENERAL NOTES, NCTCOG SPECIFICATIONS.
- A RIGHT-OF-WAY PERMIT (ISSUED BY ADDISON PUBLIC WORKS DEPARTMENT) IS REQUIRED PRIOR TO ANY CONSTRUCTION IN CITY ROW AND EASEMENTS.
- CONTRACTOR TO COORDINATE WATER METER INSTALLATION WITH THE CITY OF ADDISON PUBLIC WORKS DEPT.
- FIRE HYDRANTS SHALL BE LOCATED OUTSIDE OF EXISTING OR PROPOSED SIDEWALKS. NO OBSTRUCTIONS SHALL BE WITHIN 3 FEET IN ALL DIRECTIONS AROUND A FIRE HYDRANT.
- THE LOCATION OF 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 PLANS MAY BE PRESENT. THE CONTRACTOR SHALL PRESERVE AND PROTECT ALL UNDERGROUND FACILITIES.

UNDERGROUND FACILITY OWNER	TELEPHONE NO.	CONTACT
TOWN OF ADDISON	(972) 450-2889	LYNN CHANDLER
COMCAST CABLE	(214) 320-5455	MIKE RASMUSSEN
VERIZON	(214) 769-7005	BRUCE BEAUCHAMP
TXU ELECTRIC	(972) 771-1476	TERRI SHATTER
ATMOS GAS	(972) 485-6220	KYLE BOWMAN
TXDOT	(214) 320-6100	JIM BRUMMET
UTILITY LOCATES	(800) DIG-TESS	
DART	(214) 979-1111	
CITY OF DALLAS WATER UTILITIES	(214) 670-8658	RENE CARAVEO
TOWN OF ADDISON WATER UTILITIES	(972) 450-2847	DAVE WILDE

- ALL EXCAVATIONS, TRENCHING AND SHORING OPERATIONS SHALL COMPLY WITH THE REQUIREMENTS OF THE U. S. DEPARTMENT OF LABOR, OSHA, "CONST. SAFETY AND HEALTH REGULATIONS", VOL. 29, SUBPART P. PG. 128 - 137, AND ANY AMENDMENTS THERETO.
- ADEQUATE MEASURES SHALL BE TAKEN TO PREVENT EROSION. IN THE EVENT THAT SIGNIFICANT EROSION OCCURS AS A RESULT OF CONSTRUCTION THE CONTRACTOR SHALL RESTORE THE ERODED AREA TO ORIGINAL CONDITION AS SOON AS POSSIBLE.
- THE CONTRACTOR SHALL RESTORE ALL AREAS DISTURBED BY CONSTRUCTION TO ORIGINAL CONDITION OR BETTER. RESTORED AREAS INCLUDE, BUT ARE NOT LIMITED TO TRENCH BACKFILL, SIDE SLOPES, FENCES, CULVERT PIPES, DRAINAGE DITCHES, IRRIGATION, SODDING OR SEEDING, DRIVEWAYS, PRIVATE YARDS AND ROADWAYS.

**DEMOLITION NOTES**

- ALL CONSTRUCTION TO BE IN ACCORDANCE WITH THE TOWN OF ADDISON STANDARDS AND SPECIFICATIONS.
- UTILITY CONTRACTOR AND STREET CONTRACTOR ARE TO NOTIFY THE TOWN CONSTRUCTION INSPECTOR AT LEAST 48 HOURS PRIOR TO BEGINNING CONSTRUCTION.
- ALL CONSTRUCTION BARRICADING TO BE IN ACCORDANCE WITH CURRENT TOWN OF ADDISON STANDARDS.
- THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AND STRUCTURES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF VARIOUS UTILITY COMPANIES AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THIS INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE LOCATION OF ALL UNDERGROUND UTILITIES AND STRUCTURES SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR MUST CONTACT THE APPROPRIATE UTILITY COMPANY, ANY GOVERNING PERMITTING AUTHORITY, AND "DIG TESS" AT LEAST 72 HOURS PRIOR TO ANY EXCAVATION WORK TO REQUEST EXACT FIELD LOCATION OF UTILITIES INTERFERING WITH THE PROPOSED CONSTRUCTION AND APPROPRIATE REMEDIAL ACTION TAKEN BEFORE PROCEEDING WITH THE WORK. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLAN PER THE APPROPRIATE REMEDIAL ACTION AGREED UPON BY THE ENGINEER.
- DISPOSAL OF ALL DEMOLISHED MATERIALS IS THE RESPONSIBILITY OF THE CONTRACTOR AND MUST BE OFF-SITE IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL MUNICIPAL REQUIREMENTS.
- THE CONTRACTOR SHALL PROTECT AND/OR CAP OFF ALL EXISTING ON-SITE UTILITY SERVICES DESIGNATED ON THESE DRAWINGS. SERVICES SHALL BE CAPPED OFF WHERE SAME ENTER THE PERIMETER OF THE PROPERTY LINE.
- WHERE A STATE OR LOCAL MUNICIPAL STANDARD DETAIL DUPLICATES A DETAIL SHOWN IN THE PLANS, THE MORE STRINGENT DETAIL, AS DETERMINED BY THE REVIEWING AGENCY, SHALL APPLY.

**UTILITY NOTES, GENERAL**

- THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AND STRUCTURES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF VARIOUS UTILITY COMPANIES AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THIS INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE LOCATION OF ALL UNDERGROUND UTILITIES AND STRUCTURES SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR MUST CONTACT THE APPROPRIATE UTILITY COMPANY, ANY GOVERNING PERMITTING AUTHORITY, AND "DIG TESS" AT LEAST 72 HOURS PRIOR TO ANY EXCAVATION WORK TO REQUEST EXACT FIELD LOCATION OF UTILITIES INTERFERING WITH THE PROPOSED CONSTRUCTION AND APPROPRIATE REMEDIAL ACTION TAKEN BEFORE PROCEEDING WITH THE WORK. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLAN PER THE APPROPRIATE REMEDIAL ACTION AGREED UPON BY THE ENGINEER.
- EXISTING UTILITY INFORMATION AND TOPOGRAPHY TAKEN FROM ALTA SURVEY COMPLETED ON JANUARY 24, 2006 BY WEBB SURVEYING, INC., 3400 SILVERSTONE DRIVE, PLANO, TEXAS 75023 (972) 964-1737.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ESTABLISHING AND MAINTAINING ALL CONTROL POINTS AND BENCH MARKS NECESSARY FOR THE WORK.
- DUE TO THE SMALL SCALE OF THE SITE WORK DRAWINGS, EXACT LOCATION OF UTILITY STUBS FOR BUILDING SHALL BE INSTALLED TO A POINT 5 FEET FROM THE BUILDING WALL UNLESS OTHERWISE NOTED OR DETAILED.
- WHERE A STATE OR LOCAL MUNICIPAL STANDARD DETAIL DUPLICATES A DETAIL SHOWN IN THE PLANS, THE MORE STRINGENT DETAIL, AS DETERMINED BY THE REVIEWING AGENCY, SHALL APPLY.

**WATER NOTES**

- ALL PVC PIPE WATER LINES SHALL CONFORM TO AWWA STANDARD C-909-02 AND PRESSURE TESTED AND DISINFECTED IN ACCORDANCE WITH AWWA STANDARDS.
- ALL WATER MAINS SHALL BE INSTALLED WITH A MINIMUM OF 42 INCH AND MAXIMUM 60 INCH OF COVER. GREATER DEPTHS ARE PERMITTED WHERE REQUIRED TO AVOID CONFLICTS WITH OTHER UTILITIES.
- GENERALLY, WATER MAIN FITTINGS IDENTIFIED ON THIS DRAWING ARE SHOWN FOR INSTALLATION LOCATION PURPOSES. THE CONTRACTOR SHALL NOTE THAT NOT ALL FITTINGS ARE NOTED, SHOWN, OR INDICATED.
- A MINIMUM OF 10 FEET CLEAR HORIZONTALLY SHALL BE MAINTAINED BETWEEN SANITARY SEWER MAINS AND WATER MAINS. WHENEVER CONDITIONS PREVENT A LATERAL SEPARATION OF 10 FEET TO A WATER MAIN, THE WATER MAIN SHALL BE LAID IN A SEPARATE TRENCH AND THE ELEVATION OF THE CROWN OF THE SEWER SHALL BE AT LEAST 18 INCHES BELOW THE INVERT OF THE WATER MAIN.
- COMMERCIAL WATER SERVICE SHALL BE INSTALLED WITH APPROPRIATELY SIZED GATE, BOX AND TEE FITTINGS PER TOWN OF ADDISON STANDARD SPECIFICATIONS.
- ALL WATER MAIN APPURTENANCES, MATERIALS, METHODS OF INSTALLATION AND TESTING REQUIREMENTS SHALL MEET OR EXCEED STATE AND LOCAL MUNICIPAL WATER AND SEWER DEPARTMENT STANDARDS.
- PRESSURE AND LEAKAGE TEST, DISINFECTION AND FLUSHING SHALL BE IN ACCORDANCE WITH TOWN OF ADDISON STANDARD SPECIFICATIONS. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS IN CONNECTION WITH UTILITY TESTS, FLUSHING AND INSPECTIONS AS REQUIRED BY THE TOWN OF ADDISON.
- WHERE A STATE OR TOWN OF ADDISON STANDARD SPECIFICATION DUPLICATES A DETAIL SHOWN IN THE PLANS, THE MORE STRINGENT DETAIL, AS DETERMINED BY THE REVIEWING AGENCY, SHALL APPLY.
- GATE VALVES SHALL CONFORM TO ANSI/AWWA C509 01-RESILIENT SEATED GATE VALVES.
- ALL WATER LINES SHALL BE ENCASED IN SAND IN ACCORDANCE WITH STANDARD CONSTRUCTION DETAILS. BACKFILL SHALL BE NATIVE MATERIAL COMPACTED TO GEOTECHNICAL.
- ALL FITTINGS SHALL BE DUCTILE IRON AND SHOULD BE WRAPPED WITH AN 8 MIL MINIMUM THICKNESS POLYETHYLENE MATERIAL PER AWWA STANDARD 105-150/A21.5-05. ALL FITTINGS SECURED WITH RESTRAINING GLANDS SUCH AS EBAA SERIES 2000 PV OR EQUAL.
- ALL WATER MAINS SHALL HAVE CONCRETE THRUST BLOCKING AT ALL TEES, BENDS, PLUGS, AND HYDRANTS PER THE TOWN OF ADDISON DETAIL SHEET.
- ALL TESTING SHALL BE PERFORMED WITH A REPRESENTATIVE FROM THE TOWN PRESENT.
- ALL TRENCHES SHALL BE COMPACTION TESTED AT THE RATE OF ONE TEST PER 150 L.F. OF TRENCH PER LIFT. LIFTS SHALL BE NO GREATER THAN 12" LOOSE. TESTS SHALL BE STAGGERED SO THAT TESTS OF ADJACENT LIFTS ARE NOT DIRECTLY OVER THE PREVIOUS LIFT. THE TESTING LAB SHALL PROVIDE THE LOCATION OF ALL RESULTS ON A PLAN AND PROFILE SHEET PRIOR TO TRENCH ACCEPTANCE. THE PAVING CONTRACTOR SHALL NOT BEGIN WORK UNTIL THE TOWN OF ADDISON HAS APPROVED ALL TRENCH WORK.
- DOMESTIC WATER SERVICE SHALL BE 2" SDR-26 PVC, ASTM D2241.

**GRADING & DRAINAGE NOTES**

- THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AND STRUCTURES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF VARIOUS UTILITY COMPANIES AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THIS INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE LOCATION OF ALL UNDERGROUND UTILITIES AND STRUCTURES SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR MUST CONTACT THE APPROPRIATE UTILITY COMPANY, ANY GOVERNING PERMITTING AUTHORITY, AND "DIG TESS" AT LEAST 72 HOURS PRIOR TO ANY EXCAVATION WORK TO REQUEST EXACT FIELD LOCATION OF UTILITIES INTERFERING WITH THE PROPOSED CONSTRUCTION AND APPROPRIATE REMEDIAL ACTION TAKEN BEFORE PROCEEDING WITH THE WORK. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLAN PER THE APPROPRIATE REMEDIAL ACTION AGREED UPON BY THE ENGINEER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COST OF ALL FIELD DENSITY TESTS ON LIME STABILIZED SUBGRADE EQUAL TO THE RATIO OF 1 PER 200 SQUARE YARDS OF SUBGRADE IN ADDITION TO ALL FAILING DENSITY TESTS.
- ALL FILL SHALL BE COMPACTED PER GEOTECHNICAL RECOMMENDATIONS.

**SEWER**

- SANITARY SEWER LINES SHALL BE SDR 35 PVC PIPE, GREEN IN COLOR, UNLESS OTHERWISE NOTED ON THE CONSTRUCTION PLANS. ONE JOINT OF 150-PSI PRESSURE RATED PIPE SHALL BE INSTALLED CENTERED UNDER ALL PROPOSED WATER PIPE CROSSINGS.
- WHERE SANITARY SEWERS CROSS WATER MAINS, THE SEWER SHALL BE LAID AT SUCH AN ELEVATION THAT THE CROWN OF THE SEWER IS AT LEAST EIGHTEEN INCHES BELOW THE INVERT OF THE WATER MAIN. IF THE ELEVATION OF THE SEWER CANNOT BE VARIED TO MEET THIS REQUIREMENT, THE WATER MAIN SHALL BE RELOCATED TO PROVIDE THIS SEPARATION OR CONSTRUCTED WITH MECHANICAL JOINT PIPE FOR A DISTANCE OF TEN FEET ON EACH SIDE OF THE SEWER. ONE FULL LENGTH OF WATER MAIN SHALL BE CENTERED OVER THE SEWER SO THAT BOTH JOINTS WILL BE AS FAR FROM THE SEWER AS POSSIBLE. SANITARY SEWER SHALL BE ENCASED IN CONCRETE FOR A MINIMUM DISTANCE OF 10 FEET FROM THE CROSSING POINT OF THE OTHER PIPE AS MEASURED NORMALLY FROM ALL POINTS ALONG THE PIPE.
- ALL SEWER MAIN APPURTENANCES, MATERIALS, METHODS OF INSTALLATION AND TESTING REQUIREMENTS, SHALL MEET OR EXCEED THE TOWN OF ADDISON STANDARD SPECIFICATIONS.
- PIPE SHALL BE BEDDED IN CRUSHED STONE TO 6" ABOVE TOP OF PIPE TO 95% STANDARD PROCTOR DENSITY 0 TO +3 OPTIMUM MOISTURE CONTENT.
- WHERE A TOWN OF ADDISON STANDARD SPECIFICATION OR ORDINANCE DETAIL DUPLICATES A DETAIL SHOWN IN THE PLANS, THE MORE STRINGENT DETAIL, AS DETERMINED BY THE REVIEWING AGENCY, SHALL APPLY.
- THE CONTRACTOR SHALL USE OSHA APPROVED CONFINED SPACE ENTRY PROCEDURES WHEN ENTERING SANITARY SEWER MANHOLES. THE SAFETY EQUIPMENT SHALL BE FURNISHED BY THE CONTRACTOR AND SHALL BE OSHA CERTIFIED. PERSONS WORKING IN THESE AREAS SHALL BE TRAINED IN THE PROPER USE OF THE SAFETY EQUIPMENT.
- THE CONTRACTOR TO COORDINATE CAPPING OF EXISTING CONNECTIONS, INSTALLATION OF NEW TAPS AND METERS WITH THE TOWN OF ADDISON PUBLIC WORKS DEPARTMENT.

**FOUNDATION NOTES**

- REFER TO STRUCTURAL DRAWINGS FOR STRUCTURAL FOUNDATION NOTES.

**PARKING AND TRAFFIC CONTROL NOTES**

- HANDICAP ACCESSIBLE PARKING SPACES SHALL CONFORM TO THE REQUIREMENTS OF THE AMERICANS WITH DISABILITIES ACT (A.D.A.) OF JANUARY, 1992 UNLESS OTHERWISE NOTED.
- ACCESSIBLE PARKING SPACES DESIGNATED WITH A "VAN" SHALL BE SIGNED AS "VAN ACCESSIBLE" PER A.D.A. 4.1.2.5B.
- ALL PARKING LOT CURBING SHALL BE CAST IN PLACE CONCRETE, UNLESS NOTED OR DETAILED OTHERWISE.
- ALL LIMITS OF PAVEMENT SHALL BE CURBED UNLESS NOTED OR DETAILED OTHERWISE.
- ALL STANDARD PARKING SPACES SHALL BE 9 FEET IN WIDTH BY 18 FEET IN LENGTH, WITH 24 FOOT AISLES UNLESS NOTED OR DETAILED OTHERWISE.
- ALL PAVEMENT STRIPING SHALL BE PAINTED WITH 2 COATS OF PAINT.
- CONTRACTOR SHALL REFER TO ARCHITECTURAL/BUILDING PLANS FOR EXACT LOCATION AND DIMENSIONS OF EXIT PORCHES, RAMPS, TRUCK DOCKS, PRECISE BUILDING DIMENSIONS AND EXACT UTILITY ENTRANCE LOCATIONS.
- PARKING AND TRAFFIC CONTROL PLANS ARE SCHEMATIC AND FOR LOCATION OF MARKINGS ONLY. SPECIFIC DETAILS FOR INSTALLATION OF PAVEMENT MARKING ARE PROVIDED ON SHEET C-8.
- FOR PARKING LOT PAVEMENT SECTION SEE DETAIL SHEET C-8.
- CONTRACTOR SHALL REFER TO ARCHITECTURAL/BUILDING PLANS FOR LOCATION OF HANDICAP SIGNS.
- FIRE LANES SHALL BE PROPERLY MARKED WITH A SIX INCH RED STRIPE WITH FOUR INCH WHITE LETTERS STATING "NO PARKING FIRE LANE" EVERY TEN TO TWENTY-FIVE FEET ALONG THE ENTIRE LENGTH OF THE FIRE LANE. FIRE LANE MARKINGS SHALL BE ON THE VERTICAL SURFACE OF THE CURB WHEN A CURB IS PRESENT.

**PAVEMENT NOTES**

- SEE PAVING DETAILS AND NOTES ON SHEET C-8 FOR ADDITIONAL INFORMATION.
- ALL CONCRETE WORK SHALL BE IN ACCORDANCE WITH THE AMERICAN CONCRETE INSTITUTE "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE," ACI 318-89 (REV. 92).
- PORTLAND CEMENT SHALL BE A SINGLE BRAND CONFORMING TO ASTM C-150, TYPE I OR TYPE III.
- CONCRETE MIXES SHALL BE DESIGNED TO PROVIDE A MINIMUM COMPRESSIVE STRENGTH PSI AT 28 DAYS OF 3600 PSI. THE MAXIMUM WATER-TO-CEMENTITIOUS MATERIALS RATIO SHALL BE 0.50.
- CONCRETE SHALL HAVE A MINIMUM SEVEN DAY FLEXURAL STRENGTH OF 550 PSI.
- ALL CONCRETE SHALL BE AIR ENTRAINED AT 4% TO 6% BY VOLUME.
- CONCRETE SLUMPS SHALL BE NOT LESS THAN 3" NOR MORE THAN 5", ASTM C143.
- THE NEW PAVEMENT SHALL BE FINISHED TO MATCH THE SURROUNDING PAVEMENT.
- THE PAVEMENT SURFACE SHALL BE MOIST-CURED WITH A MEMBRANE OR CURING COMPOUND FOR NOT LESS THAN SEVEN DAYS.
- JOINTS OR SCORE MARKS ARE TO BE SHARP AND CLEAN WITHOUT SHOWING EDGES OF JOINTING TOOL.

**PAVEMENT NOTES-CONT**

- SAW-CUT TIE-INS AT EXISTING CURBS AS NECESSARY TO INSURE SMOOTH TRANSITIONS. CONTRACTOR SHALL SAW-CUT AND TRANSITION TO MEET EXISTING PAVEMENT AS NECESSARY AND AS DIRECTED BY INSPECTOR TO INSURE POSITIVE DRAINAGE (TYP. ALL INTERSECTIONS).
- PROVIDE LONGITUDINAL AND TRANSVERSE CONTRACTION JOINTS AT 5' MAXIMUM EACH WAY. CONTRACTION JOINTS SHALL BE 1/4" X 1/4" DEPTH OF PAVEMENT. REINFORCEMENT SHALL BE CONTINUOUS THROUGH CONTRACTION JOINTS. JOINTS SHALL BE CONTINUOUS THROUGH CURBS. SAWCUTTING SHALL BE COMPLETED BEFORE 8 HOURS HAVE ELAPSED SINCE CONCRETE PLACEMENT. JOINTS SHALL BE SEALED FOLLOWING SAWCUTTING.
- PAVING EXPANSION JOINTS ARE TO BE LOCATED AT A MAXIMUM OF 60 FEET ON CENTERS EACH WAY. ALL CONSTRUCTION JOINTS ARE TO BE LOCATED AT A MAXIMUM OF 15 FEET ON CENTERS EACH WAY. NO KEYWAYS ARE PERMITTED.
- PROVIDE 3/4" EXPANSION JOINTS TO ISOLATE ALL FIXED OBJECTS ABUTTING OR WITHIN THE PAVING AREA SUCH AS BUILDINGS, EXISTING PAVEMENT, UTILITY APPURTENANCES, POLE BASES, AND SIDEWALKS. DO NOT PERMIT REINFORCEMENT TO EXTEND CONTINUOUSLY THROUGH ANY EXPANSION JOINT. FILL JOINTS TO FULL DEPTH WITH EXPANSION JOINT MATERIAL (BITUMINOUS MATERIAL). IN CURBS, LOCATE JOINTS AT THE BEGINNING AND END OF CURVES. IN CURBS AND PAVING, DEPRESS 3/4" JOINT MATERIAL BELOW FINISHED GRADE AND SEAL EXPOSED JOINTS WITH JOINT SEALER.
- PROVIDE CONSTRUCTION JOINTS AT END OF EACH DAY'S WORK OR WHEN CONCRETE PLACEMENT IS STOPPED MORE THAN 1/2 HOUR.
- ALL SAWCUT SURFACES OF THE EXISTING PAVEMENT SHALL BE CLEANED AND COATED WITH AN APPROVED BONDING COMPOUND IMMEDIATELY BEFORE THE NEW CONCRETE IS PLACED.
- CONCRETE PLACED IN HOT WEATHER SHALL BE POURED IN THE EARLY MORNING SO THAT THE CONCRETE CAN ACHIEVE ITS INITIAL SET BY 9:00 AM.
- PROVIDE MONOLITHIC OR EXTRUDED CURB AT ALL PERIMETER PAVING UNLESS NOTED OTHERWISE.
- CONCRETE CURB SHALL BE OF THE SAME COMPRESSIVE STRENGTH AS THE CONCRETE PAVEMENT.
- MILD STEEL REINFORCEMENT AND ACCESSORIES SHALL BE DETAILED AND FABRICATED IN ACCORDANCE WITH ACI SP-66.
- MILD STEEL REINFORCEMENT SHALL BE PLACED AND SECURED IN ACCORDANCE WITH CRSI "RECOMMENDED PRACTICE FOR PLACING REINFORCING BARS." PROVIDE METAL OR PLASTIC CHAIRS OR SPACERS (NOT WOOD BLOCKS OR BRICK BATS) TO PROVIDE SUPPORT FOR REINFORCING BARS.
- MINIMUM CONCRETE PROTECTION FOR ALL REINFORCEMENT SHALL BE 2-INCH CLEAR COVER BETWEEN ANY CONCRETE SURFACE AND NEAREST EDGE OF ANY REBAR.
- REINFORCING BARS SHALL BE CONTACT LAP SPLICED UNLESS SHOWN OTHERWISE. LAP SPLICES SHALL CONFORM TO ACI REQUIREMENTS, BUT SHALL IN NO CASE BE LESS THAN 40 BAR DIAMETERS LONG.
- NORMAL WEIGHT AGGREGATES SHALL CONFORM TO ASTM C-33. ALL CONCRETE SHALL USE NORMAL WEIGHT AGGREGATES, UNLESS NOTED OTHERWISE.
- THE MAXIMUM NOMINAL SIZE OF COARSE AGGREGATE SHALL BE 1 1/2 INCH.
- ALL ADDITIVES FOR AIR ENTRAINMENT, WATER REDUCTION, AND SET CONTROL SHALL BE USED IN ACCORDANCE WITH THE MANUFACTURER'S DIRECTIONS.

**TOWN OF ADDISON**

**FIRE CODES - FIRE HYDRANTS**

- REQUIRED FIRE HYDRANTS AND WATER SUPPLY LINES SHALL BE LOCATED WITHIN THE DEDICATED UTILITY EASEMENTS.
- WHEN FIRE LANE AND UTILITY EASEMENTS ARE REQUIRED, THE UTILITY EASEMENT MAY BE LOCATED WITHIN THE FIRE LANE EASEMENT.
- FIRE HYDRANTS SHALL BE SPACED AT INTERVALS OF 300 FEET ALONG THE LENGTH OF THE FIRE LANES AND NON-RESIDENTIAL STREETS.
- FIRE HYDRANTS SHALL NOT BE LOCATED CLOSER THAN 3 FEET NOR FURTHER THAN 6 FEET FROM STREETS OR FIRE LANES.

**LANDSCAPING**

- APPROVAL OF IRRIGATION PLAN IS REQUIRED PRIOR TO THE ISSUANCE OF A BUILDING PERMIT.
- ALL LANDSCAPED AND TURF AREAS MUST BE IRRIGATED BY AN AUTOMATED SYSTEM.
- AN IRRIGATION PLAN MUST BE PREPARED AND SEALED BY A LICENSED IRRIGATOR IN THE STATE OF TEXAS.

**UTILITIES**

- THE SANITATION CONTAINER WALLS SHALL BE PER ARCHITECTURAL PLANS.
- PROPERTY OWNER IS RESPONSIBLE FOR MAINTAINING TRASH RECEPTACLE ENCLOSURES AND ADEQUATE ACCESS AND EGRESS.
- DUMPSTER PADS SHALL NOT BE LOCATED IN RIGHT-OF-WAY OR FIRELANES.

**ENVIRONMENTAL**

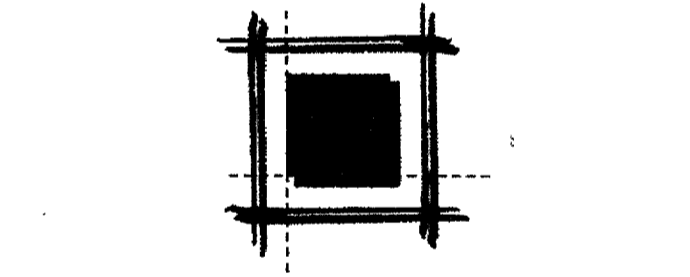
- FOR DEVELOPMENTS EQUAL TO OR GREATER THAN 1 ACRE BUT LESS THAN 5 ACRES, OR DEVELOPMENTS LESS THAN 1 ACRE BUT PART OF A LARGER COMMON PLAN OF DEVELOPMENT, A COPY OF THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) FOR CONSTRUCTION ACTIVITIES SHALL BE PROVIDED PRIOR TO ISSUANCE OF A BUILDING PERMIT.
- THE CITY MAY REQUIRE THAT THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) BE PREPARED BY A PROFESSIONAL ENGINEER LICENSED BY THE STATE OF TEXAS, DEPENDING ON FACTORS SUCH AS POTENTIAL IMPACTS TO WATER QUALITY AND NEIGHBORING LAND USES.



THE SEAL APPEARING IN THIS DOCUMENT WAS AUTHORIZED BY MATTHEW THOMAS, P.E. 81576 ON 11/8/2006 FOR RECORD DRAWING PURPOSES ONLY.

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REVISIONS	REV. BY:
CITY SUBMITTAL	4/28/06 RAL
CITY REVIEW COMMENTS	5/19/06 GRM

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**GENERAL NOTES**

**C-1**

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