

PAVING - GENERAL NOTES

- GENERAL: PAVEMENT THICKNESS IS AS SHOWN IN ITEM 7. SUBGRADE DESIGN SHALL CONFORM TO TOWN OF ADDISON PUBLIC WORKS REQUIREMENTS IN ITEM 3, AND SHALL EXTEND 12" MIN. BEHIND THE BACK OF CURB.
- REINFORCED CONCRETE PAVEMENT:
  - CONCRETE STRENGTH SHALL BE AS SHOWN IN ITEM 7 (NCTCOG LATEST EDITION).
  - ALL CURBS SHALL BE INTEGRAL WITH PAVEMENT AND SHALL BE OF THE SAME STRENGTH AS CONCRETE PAVEMENT.
  - DETAIL AND ARRANGEMENT OF PAVEMENT JOINTS, ALL TYPES, SHALL BE AS SHOWN ON THE TOWN STANDARD CONSTRUCTION DETAILS.
  - BAR LAPS SHALL BE THIRTY DIAMETERS.
  - REINFORCING STEEL SHALL BE #3 REBAR (3/8") ON 18" CENTERS FOR 8" OR LESS. #4 FOR 10" OR ABOVE.
- SUBGRADE: SUBGRADE UNDER ALL PAVEMENT SHALL BE 6" THICK AND SHALL BE STABILIZED WITH AT LEAST 30 LBS. PER SQ. YD. HYDRATED LIME, COMPACTED TO A DENSITY NOT LESS THAN 95 PERCENT. LABORATORY TESTS MUST BE SUBMITTED TO THE PUBLIC WORKS DEPARTMENT FOR APPROVAL TO DETERMINE AMOUNT OF LIME REQUIRED. LABORATORY TEST MAY BE WAIVED PROVIDED AT LEAST 36 LBS. OF LIME PER SQ. YD. IS USED. SEE NCTCOG ITEM 301.2 "LIME TREATMENT". FLEXIBLE BASE (CRUSHED STONE/CONCRETE) PER NCTCOG ITEM 301.5 MAY BE SUBSTITUTED FOR LIME TREATMENT WITH THE APPROVAL OF THE TOWN ENGINEER.
- REBAR SHALL BE SUPPORTED BY BAR CHAIRS OR OTHER DEVICES APPROVED BY TOWN ENGINEER.
- NO TRAFFIC ON FINISHED SUBGRADE SHALL BE PERMITTED AFTER REINFORCING STEEL IS INSTALLED ABOVE SUBGRADE. NO TRAFFIC SHALL BE PERMITTED BEFORE OR DURING THE PLACING OF CONCRETE.
- CROSS SLOPE OF STRAIGHT CROWN STREETS SHALL BE 1/4" PER FOOT UNLESS APPROVED BY THE TOWN ENGINEER.
- PAVEMENT THICKNESS AND STRENGTHS SHALL BE AS FOLLOWS:
 

MAJOR ARTERIAL	- 10" CLASS "P1" OR "P2"
MINOR ARTERIAL	- 8" CLASS "P1" OR "P2"
COMMERCIAL/INDUSTRIAL COLLECTOR	- 8" CLASS "P1" OR "P2"
RESIDENTIAL COLLECTOR	- 8" CLASS "P1" OR "P2"
RESIDENTIAL LOCAL	- 8" CLASS "P1" OR "P2"
SIDEWALK AND BFR	- 4" CLASS "A"
DRIVE APPROACH-B	- CLASS "P2"
ALLEY-B	- CLASS "P1" OR "P2"
- CONCRETE MIX DESIGN SHALL BE AS DEFINED BY NCTCOG 303.3.
- ALL MEDIANS AND PARKWAYS SHALL BE PROVIDED WITH BERMUDA GROUND COVER.
- ONCE A CURB ABUTTING A THOROUGHFARE HAS BEEN SAWCUT AND REMOVED, THE CONTRACTOR MUST REPLACE THE CONCRETE WITH A NEW POUR (I.E. DRIVEWAY) WITHIN 14 CALENDAR DAYS. LIQUIDATED DAMAGES WILL BE ASSESSED AT \$500 PER DAY FOR EACH CALENDAR DAY IN EXCESS OF 14 CALENDAR DAYS. PAYMENT SHALL BE MADE PRIOR TO ACCEPTANCE OR ISSUANCE OF A CERTIFICATE OF OCCUPANCY.
- ALL SIDEWALKS AND ACCESSIBLE ROUTES SHALL HAVE A MAXIMUM LONGITUDINAL SLOPE OF 5% AND A MAXIMUM CROSS SLOPE OF 2%.
- ALLEYS AND DRIVEWAYS
  - CONCRETE FOR ALLEY RETURNS AND DRIVEWAYS SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS IDENTICAL TO THAT SPECIFIED FOR THE STREET PAVEMENT OR BASE WHEN BUILT AS COMPONENTS OF A CONCRETE PAVING PROJECT. WHEN BUILT SEPARATELY, THE STRENGTH SHALL BE AS SPECIFIED ON THE CONSTRUCTION PLAN.
  - SPACING AND CONSTRUCTION OF JOINTS SHALL CONFORM TO PARABOLIC STREET PAVEMENT.

**Addison!** PUBLIC WORKS DEPARTMENT

PAVING GENERAL NOTES

STANDARD CONSTRUCTION DETAILS PAVING		
DATE: AUGUST, 2010	REV. DATE:	SHEET: SD-P01

**TYPICAL P.V.C. WASTEWATER MAIN EMBEDMENT**

**P.V.C. WASTEWATER MAIN CEMENT STABILIZED SAND EMBEDMENT**

NOTE: CEMENT STABILIZED SAND SHALL HAVE A MINIMUM OF 10% CEMENT PER CUBIC YARD OF CEMENT STABILIZED SAND MIXTURE, BASED ON LOOSE DRY WEIGHT VOLUME (AT LEAST 2.5 BAGS OF CEMENT PER CUBIC YARD OF MIXTURE). THE USE OF BROWN COLORING IN CEMENT STABILIZED SAND IS REQUIRED FOR PRESSURE RATED WASTEWATER MAIN AND LATERAL BEDDING.

STANDARD CONSTRUCTION DETAILS WASTEWATER		
DATE: AUGUST, 2010	REV. DATE:	SHEET: SD-WW01

**INTERIOR DROP MANHOLE CONNECTION**

STANDARD CONSTRUCTION DETAILS WASTEWATER		
DATE: AUGUST, 2010	REV. DATE:	SHEET: SD-WW02

**CAST IRON MANHOLE FRAME AND COVER**

STANDARD CONSTRUCTION DETAILS WASTEWATER		
DATE: AUGUST, 2010	REV. DATE:	SHEET: SD-WW01

CONTRACTOR SHALL REFER TO TOWN OF ADDISON WATER AND WASTEWATER SYSTEM REQUIREMENTS, LATEST EDITION FOR DETAILS AND SPECIFICATIONS.

AS-BUILT

**RLG CONSULTING ENGINEERS**  
12001 N. CENTRAL EXPRESSWAY #300 DALLAS, TX 75243  
WWW.RLGINC.COM TPBE FIRM REG. F-493

TOWN OF ADDISON DETAILS SHEET					
PRESTONWOOD PLACE					
LOTS A, B, C, D - BLOCK 2					
NORTHWOOD RETAIL, LLC					
TOWN OF ADDISON, TEXAS					
REVIEW	DRAWN	DATE	FILE	NUMBER	SHEET
RLG	RLG	9/9/19	1913	009	C2.00

**METER TOP**

**SERVICE CONNECTION WITH METER BOX**

GENERAL INSTALLATION NOTES:

- WATER METER SHALL BE PLACED IN CENTER OF LOT WITH THE SANITARY SEWER SERVICE TO BE LOCATED 10' DOWNSTREAM.
- METER AND BOX SHALL BE SET BY THE CONTRACTOR TO ADDISON STANDARDS IN ALL CASES.
- THE METER BOX SHALL BE SET WITHIN THE R.O.W. OR A DEDICATED UTILITY EASEMENT. IN ALL CASES, THE METER BOX SHALL BE PROTECTED FROM VEHICULAR TRAFFIC.
- WATER SERVICES SHALL NOT BE CONNECTED TO DEAD END LINES OR FIRE HYDRANT LEADS.
- ALL MATERIALS SHALL CONFORM TO THE TOWN OF ADDISON WATER SYSTEM REQUIREMENTS.

Type "K" Copper Service Pipe	Double Strap Bronze Service Saddle with C.C. Threads	East Jordan Iron Works Galvanized Meter Box With Iron Ring & Cover			
		Min. Dia. Covers & Rings	Min. Ht.	Min. Con. Weight	Min. Total Weight
3/4 inch	3/4 inch	16 inches	12 inches	13 lbs.	42 lbs.
1 inch	1 inch	24 inches	20 inches	17 lbs.	88 lbs.
1 1/2 inch	1 1/2 inch	28 inches	20 inches	20 lbs.	127 lbs.
2 inch	2 inch	28 inches	20 inches	20 lbs.	127 lbs.

STANDARD CONSTRUCTION DETAILS WATER		
DATE: AUGUST, 2010	REV. DATE:	SHEET: SD-W02

**ADDISON**

APPROVED FOR CONSTRUCTION

INFRASTRUCTURE & DEVELOPMENT SERVICES

BY: *[Signature]*

DATE: 9/9/19

IN APPROVING THESE PLANS, THE TOWN OF ADDISON ASSUMES NO RESPONSIBILITY FOR THEIR ADEQUACY, WHICH REMAINS WITH THE ENGINEER OF RECORD.

18001 WESTGROVE DRIVE, ADDISON, TX 75001 - (972) 450-2871

STATE OF TEXAS

R. PHILLIP BRUGGER

120083

PROFESSIONAL ENGINEER

9/19/19

**BENCHMARKS:**

A STANDARD WATER DEPARTMENT BENCHMARK ON THE SOUTHEAST CORNER OF CONCRETE BRIDGE ON THE INTERSECTION OF PRESTON ROAD AND WHITE ROCK CREEK. ELEVATION=554.053

BM#1: SQUARE CUT ON THE END OF A MONOLITHIC MEDIAN NOSE DIRECTLY EAST OF THE INTERSECTION OF BELT LINE AND MONFORT. ELEVATION=620.16