

### STORM SEWER GENERAL NOTES

- All materials and construction shall conform to the 3rd edition of the NCTCOG Standard Specifications for Public Works Construction dated January 1998 as modified by the City of Rockwall Special Provisions, except as noted herein and approved by the City.
- All storm sewer pipe 18" and larger shall be Class III RCP. All storm sewer pipe 15" and smaller (private lines only) shall be ADS, N-12 drainage pipe or approved equal.
- Contractor shall be responsible for maintaining trench safety requirements in accordance with City Standards, Texas State Law, and O.S.H.A. Standards for all excavation in excess of five feet in depth.
- Concrete for inlets and drainage structures shall be 4200 psi at 28 days. No fly ash allowed.
- Construction shall begin at downstream end of project and continue upstream with pipe grooves facing upstream.
- Contractor shall protect all public utilities in the construction of this project.
- The location of all utilities indicated on these plans are taken from existing public records. The exact location and elevation of all public utilities must be determined by the Contractor. It shall be the duty of the Contractor to ascertain whether any additional facilities other than those shown on the plans may be present.
- If rock is encountered in the trench, rock spoil shall not be used in the upper 1.5 feet of the trench. The upper 1.5 feet of the trench is to be backfilled only with quality topsoil.
- See Water and Sanitary Sewer Plan for additional information related to other utility construction.
- All trench backfill for storm sewer shall be compacted with a "sheep's foot roller" as required by City.
- Embedment shall be subsidiary to the price of the pipe.
- All storm sewer with radii less than 100' shall use 4' long joints with beveled ends.

### LEGEND

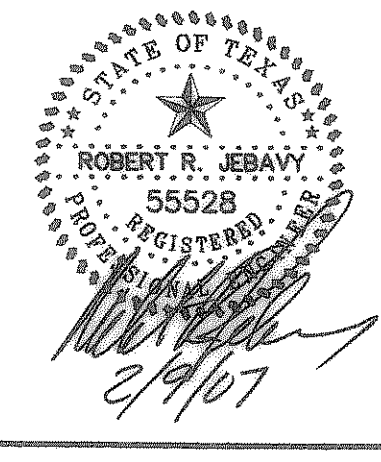
- Existing Curb
- - - Proposed Curb
- - - Sawcut
- XXXXXXX Existing Storm Sewer Line
- ==== Proposed Storm Sewer Line
- ← Flow Arrow

**NOTE:**  
All Existing Wye and Grate Inlets In The Interior Site Areas Shall Remain In Place Until Proposed Interior Drainage System Is In Place and Ready To Be Connected To The Pipes At The Locations Where The Inlets Are To Be Removed.

**Benchmark:**  
"□" Cut At South Side Of Sanitary Sewer Lift Station. Located 100 Ft. East and 10 Ft.± South From The Southwest Corner Of This Property  
Elevation : 450.45

**RECORD DRAWING**  
02/09/07

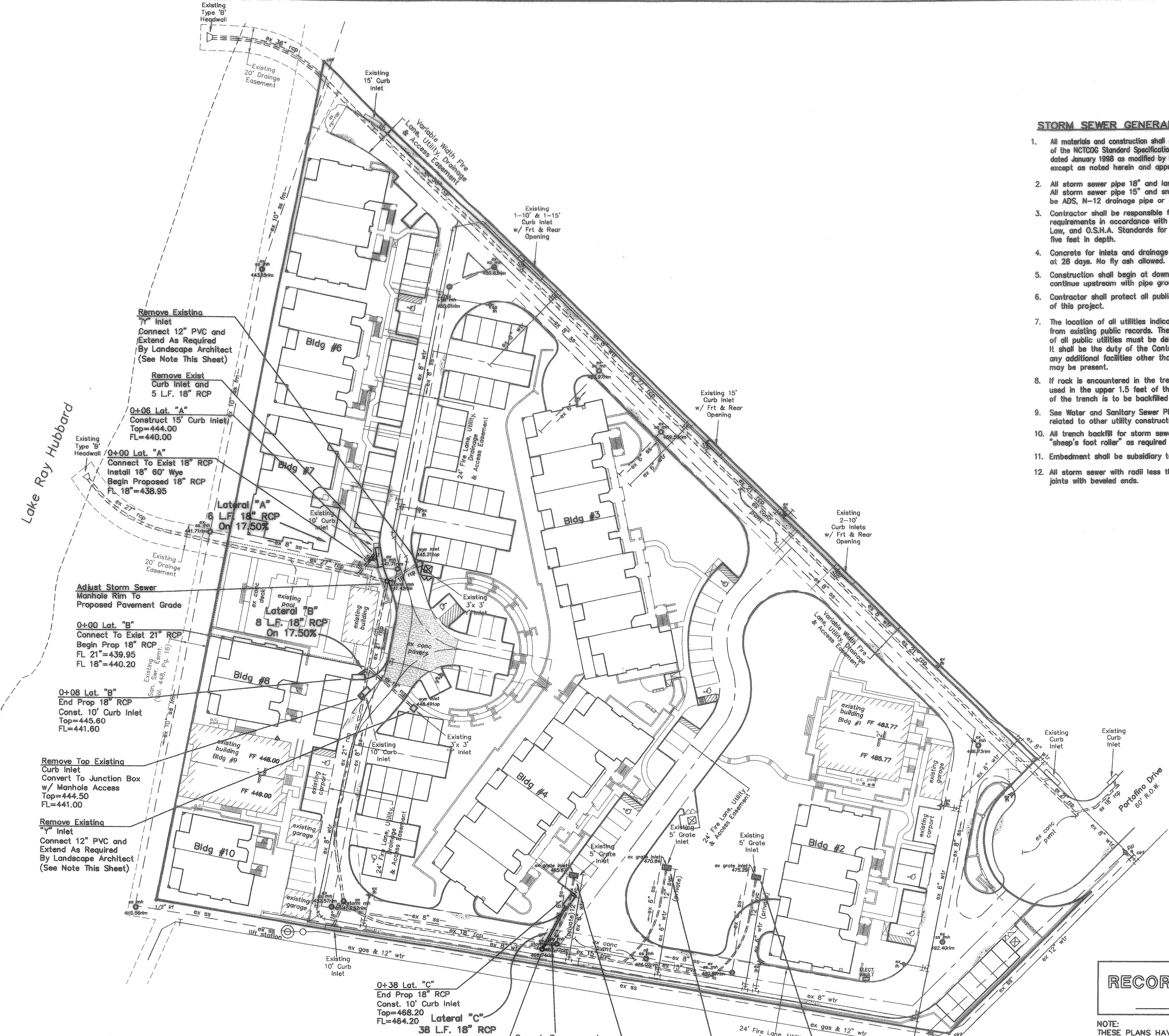
**NOTE:**  
THESE PLANS HAVE BEEN REVISED TO CONFORM WITH CONSTRUCTION RECORDS PROVIDED BY THE CONTRACTOR.



**STORM SEWER PLAN**  
**WATER'S EDGE RESIDENCES AT LAKE RAY HUBBARD**  
**CITY OF ROCKWALL, TEXAS**

**BROCKETTE • DAVIS • DRAKE, INC.**  
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Civil & Structural Engineering • Surveying  
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DESIGNED	DRAWN	DATE	SCALE	NOTES	FILE	NO.
RRJ	STL	10/04	1"=40'	BDD	C04207	<b>C9</b>



Remove Existing 7" Inlet  
Connect 12" PVC and Extend As Required By Landscape Architect (See Note This Sheet)

Remove Existing Curb Inlet and 5 L.F. 18" RCP

0+06 Lat. "A"  
Construct 15" Curb Inlet  
Top=444.00  
FL=440.00

0+00 Lat. "A"  
Connect To Exist 18" RCP  
Install 18" 60' Wye  
Begin Proposed 18" RCP  
FL 18"=438.95

Lateral "A"  
6 L.F. 18" RCP  
On 17.50%

Adjust Storm Sewer Manhole Rim To Proposed Pavement Grade

0+00 Lat. "B"  
Connect To Exist 21" RCP  
Begin Prop 18" RCP  
FL 21"=439.95  
FL 18"=440.20

0+08 Lat. "B"  
End Prop 18" RCP  
Const. 10' Curb Inlet  
Top=445.60  
FL=441.60

Remove Top Existing Curb Inlet  
Convert To Junction Box w/ Manhole Access  
Top=444.50  
FL=441.00

Remove Existing 7" Inlet  
Connect 12" PVC and Extend As Required By Landscape Architect (See Note This Sheet)

0+38 Lat. "C"  
End Prop 18" RCP  
Const. 10' Curb Inlet  
Top=468.20  
FL=464.20

Lateral "C"  
38 L.F. 18" RCP  
On 14.21%

0+00 Lat. "C"  
Connect To Exist Storm M.H.  
Begin Prop 18" RCP  
FL 18"=458.80

Sawcut, Remove and Replace Existing Pavement w/ 8" Thick 3600 psi Concrete

Remove Existing Grate Inlet  
Connect To Existing 12" PVC and Extend As Required By Landscape Architect (See Note This Sheet)

Remove Existing Grate Inlet and 62 L.F. 12" PVC

**CAUTION!!!**  
EXISTING PHONE, GAS, ELECTRICAL & CATV LINES IN PROJECT AREA. CONTRACTOR SHALL VERIFY LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION. NOTIFY THE APPROPRIATE UTILITY COMPANIES AT LEAST 48 HOURS PRIOR TO CONSTRUCTION.  
TEXAS ONE CALL: 1-800-245-4545

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