

GENERAL NOTES

- ALL UTILITY WORK WITH THE RIGHT OF WAY OF THE TOLLWAY WILL BE GOVERNED BY THE CITY OF DALLAS. CONTRACTOR WILL KEEP A COPY OF THE UTILITY PERMIT ISSUED BY THE CITY OF DALLAS ON SITE AT ALL TIMES.
- 48 HOURS PRIOR TO BEGINNING WORK WITHIN THE RIGHT OF WAY OF THE TOLLWAY, CONTRACTOR MUST INFORM THE CITY OF DALLAS TRANSPORTATION DEPARTMENT. CONTRACTOR WILL CONTACT:
RUSSELL FINELY
214.957.1036 (MOBILE PHONE)
214.670.5896 (OFFICE)
- ALL TRAFFIC CONTROL WILL BE SUBJECT TO THE INSPECTION AND APPROVAL OF THE CITY OF DALLAS.
- TRAFFIC CONTROL ON ADDISON ROAD WILL COMPLY WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
- ALL UTILITY WORK WITHIN THE RIGHT OF WAY OF ADDISON ROAD WILL BE GOVERNED BY THE TOWN OF ADDISON. CONTRACTOR WILL KEEP A COPY OF THE ROW/EXCAVATION PERMIT ISSUED BY THE TOWN OF ADDISON ON SITE AT ALL TIMES.

KEYED NOTES

- PROPOSED STORM STRUCTURE (5.0' INLET OPENING). SEE DETAIL C4.1-02. SEE SHEET C1.0 FOR EROSION CONTROL DURING CONSTRUCTION.
- PROPOSED STORM STRUCTURE (10.0' INLET OPENING). SEE DETAIL C4.1-02. SEE SHEET C1.0 FOR EROSION CONTROL DURING CONSTRUCTION.
- PROPOSED STORM STRUCTURE (7.5' INLET OPENING). SEE DETAIL C4.1-02. SEE SHEET C1.0 FOR EROSION CONTROL DURING CONSTRUCTION.
- 6" P.V.C. STORM LINE FROM DOWNSPOUTS. RUN LINE THROUGH CURB, SEE DETAIL MEP1-04. SEE SHEET "A2.2" FOR EXACT LOCATION.
- CONCRETE COLLAR. SEE DETAIL C4.1-05. TIE-IN ELEV = 630.26
- CONCRETE COLLAR. SEE DETAIL C4.1-05. TIE-IN ELEV = 629.66
- CONCRETE COLLAR. SEE DETAIL C4.1-05. TIE-IN ELEV = 622.00

STORM STRUCTURE SCHEDULE

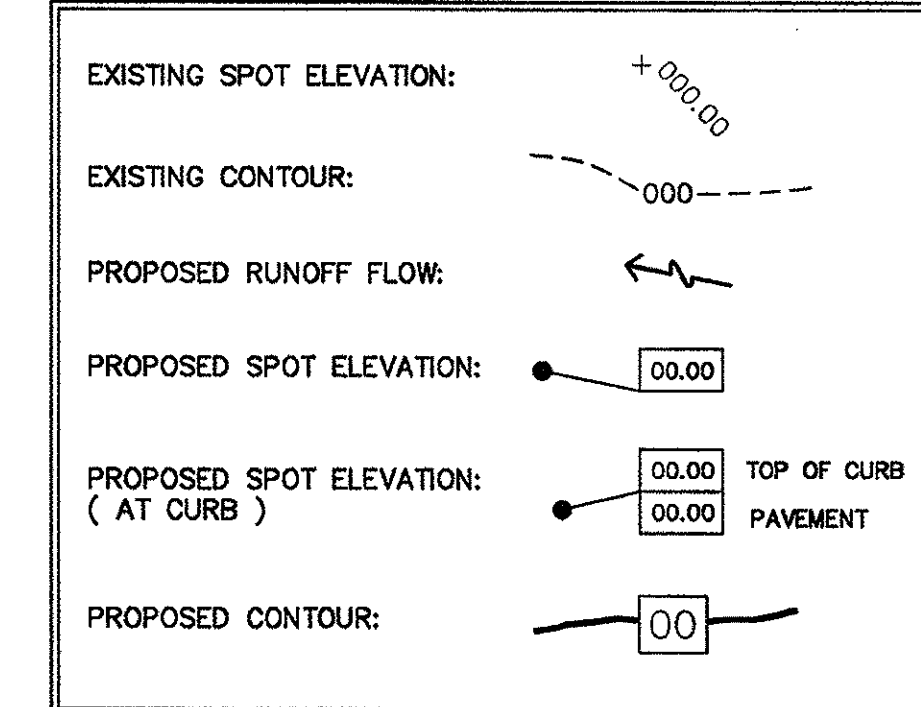
- PRECAST JUNCTION BOX
RIM = 637.25
60" INVERT IN (SW) = 627.70
66" INVERT IN (W) = 628.54
72" INVERT OUT (S) = 626.59
- PRECAST BEND MANHOLE ASSEMBLY
RIM = 631.55
72" INVERT IN (N) = 623.75
72" INVERT IN (S) = 623.65
- PROPOSED CURB INLET
TOP = 631.74
THROAT = 631.24
36" INVERT OUT (W) = 625.97
24" INVERT OUT (NW) = 628.97 (OVERFLOW)
24" INVERT IN (E) = 626.07
- PROPOSED CURB INLET
TOP = 633.68
THROAT = 633.18
24" INVERT OUT (E) = 628.88
24" INVERT OUT (S) = 629.88 (OVERFLOW)
- PROPOSED CURB INLET
TOP = 631.48
THROAT = 630.88
18" INVERT OUT (N) = 627.48
- PROPOSED CURB INLET
TOP = 631.10
THROAT = 630.60
18" INVERT IN (S) = 626.32
24" INVERT OUT (SW) = 626.22

PIPE SCHEDULE

- 32 LINEAR FEET OF 60" RCP AT 8.00% SLOPE
- 14 LINEAR FEET OF 66" RCP AT 8.00% SLOPE
- 284 LINEAR FEET OF 72" RCP AT 1.00% SLOPE
- 68 LINEAR FEET OF 72" RCP AT 2.42% SLOPE
- 20 LINEAR FEET OF 24" HDPE AT 7.28% SLOPE (OVERFLOW PIPE)
- 11 LINEAR FEET OF 36" HDPE AT 0.50% SLOPE
- 100 LINEAR FEET OF 36" HDPE AT 0.50% SLOPE
- 100 LINEAR FEET OF 36" HDPE AT 0.50% SLOPE
- 100 LINEAR FEET OF 36" HDPE AT 0.50% SLOPE
- 12 LINEAR FEET OF 12" HDPE AT 0.27% SLOPE
- 10 LINEAR FEET OF 24" HDPE AT 0.70% SLOPE (OVERFLOW PIPE)
- 170 LINEAR FEET OF 24" HDPE AT 1.00% SLOPE
- 170 LINEAR FEET OF 24" HDPE AT 1.00% SLOPE
- 9 LINEAR FEET OF 12" HDPE AT 0.27% SLOPE
- 36" HDPE PIPE MANIFOLD (SIZED FOR 3 - 36" PIPES)
- 36" HDPE PIPE MANIFOLD (SIZED FOR 4 - 36" PIPES & 1 - 12" PIPE)
- 24" HDPE PIPE MANIFOLD (SIZED FOR 3 - 24" PIPES & 1 - 12" PIPE)
- 63 LINEAR FEET OF 18" RCP AT 1.92% SLOPE
- 20 LINEAR FEET OF 24" RCP AT 1.00% SLOPE
- 100 LINEAR FEET OF 36" HDPE AT 0.50% SLOPE

ALL TRENCHING SHALL COMPLY WITH DETAIL C4.1-01.

GRADING LEGEND



AREA CALCULATIONS

PRE-DEVELOPED AREA		POST-DEVELOPED AREA	
GRASS	73,984 SF	GRASS	16,405 SF
BUILDING	0 SF	BUILDING	10,120 SF
PAVING	0 SF	PAVING	47,459 SF
TOTAL	73,984 SF	TOTAL	73,984 SF

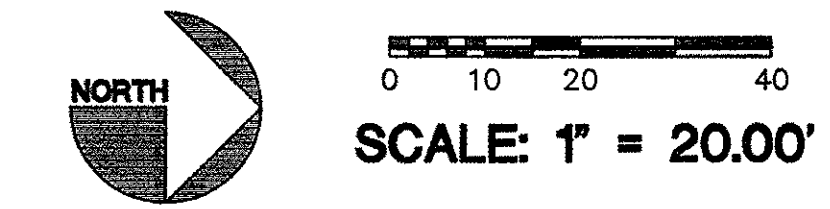
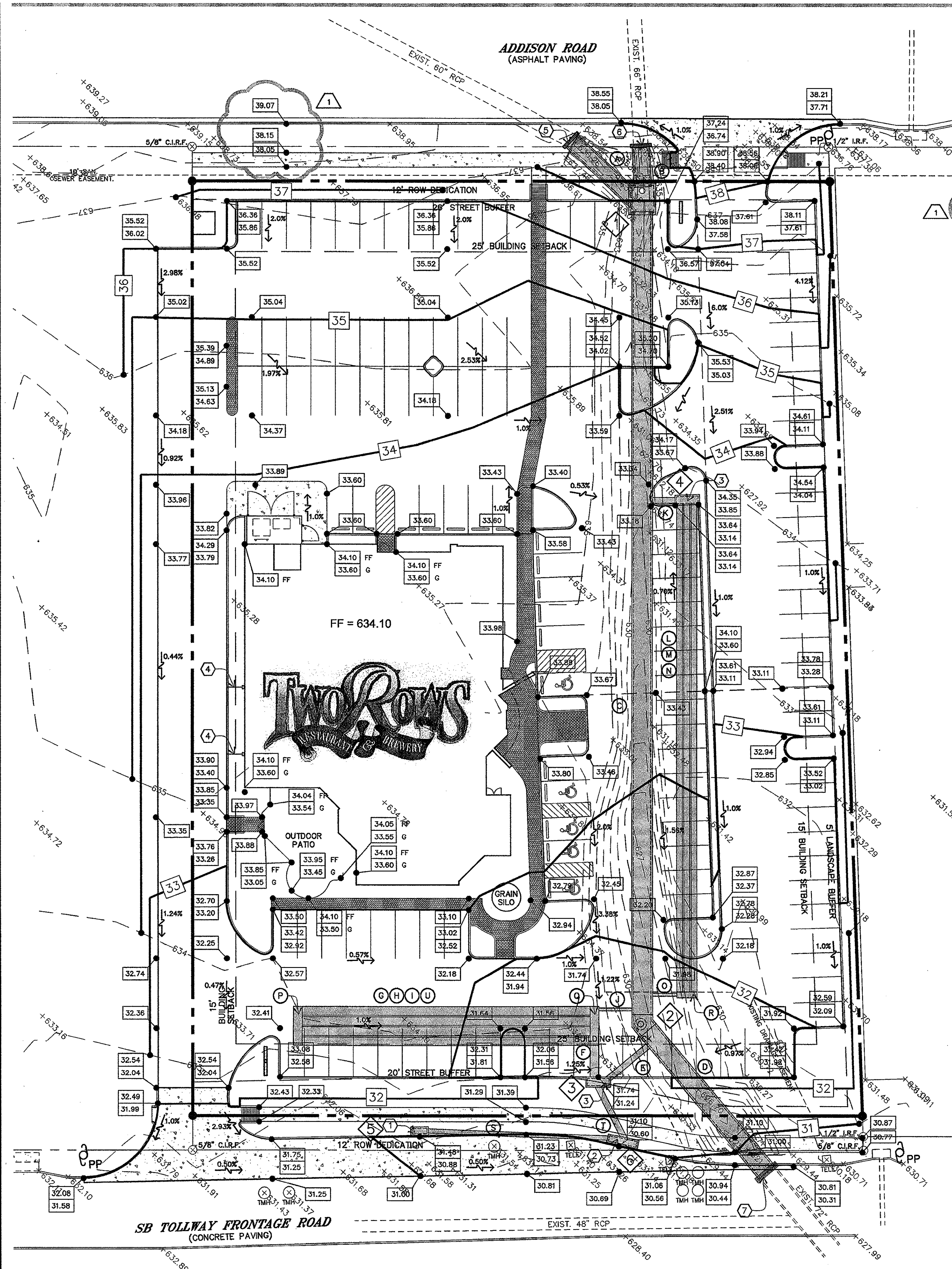
STORMWATER STORAGE

THE TOTAL STORAGE REQUIRED IS 3,826 CF
THIS WATER IS STORED IN THE PIPES, MANHOLES, AND ALSO BY PONDING ON THE PARKING LOT. THE FOLLOWING SHOWS THE AMOUNT OF WATER HELD BY EACH COMPONENT OF THE SYSTEM.

PIPES
510 L.F. OF 24" PIPE = 1,602 CF
400 L.F. OF 36" PIPE = 2,826 CF

THE TOTAL AMOUNT OF STORAGE PROVIDED IS 4,428 C.F.

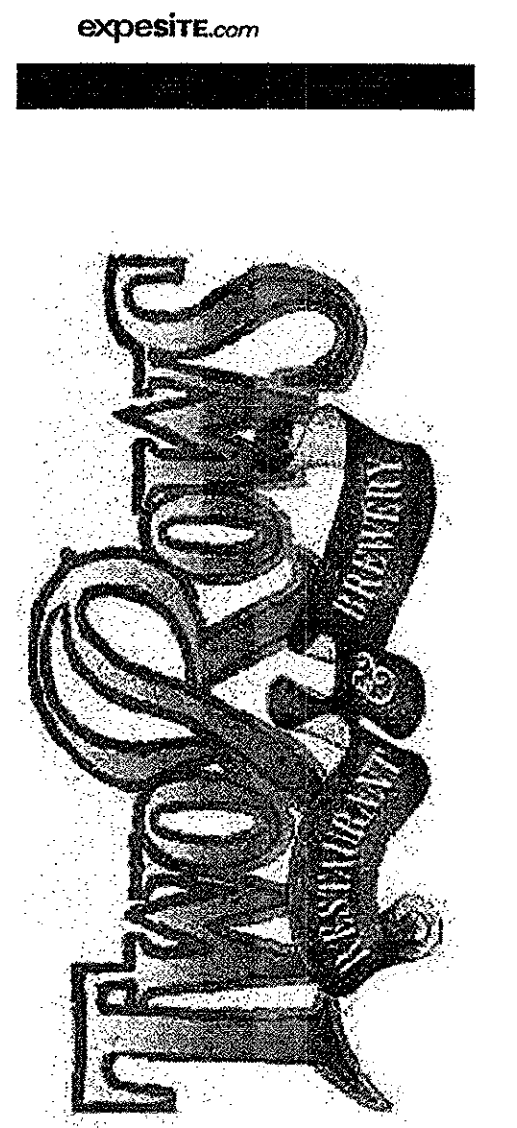
IT SHOULD BE NOTED THAT ADDITIONAL STORAGE CAPACITY WILL BE PROVIDED IN MANIFOLD PIPES IN EACH DETENTION SYSTEM, AS WELL AS THE CATCH BASINS. THEY WERE NOT CALCULATED SINCE THE CAPACITY IN THE PIPES EXCEEDS THE REQUIRED STORAGE.



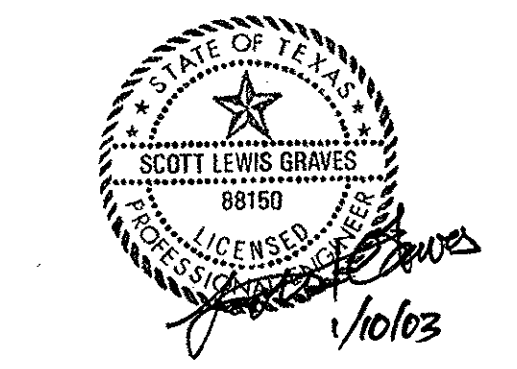
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REVISIONS

1	12/19/02 (City)
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PROTOTYPE

STORE NUMBER

WD PROJECT NUMBER
0000.659-00

C3.0 GRADING PLAN