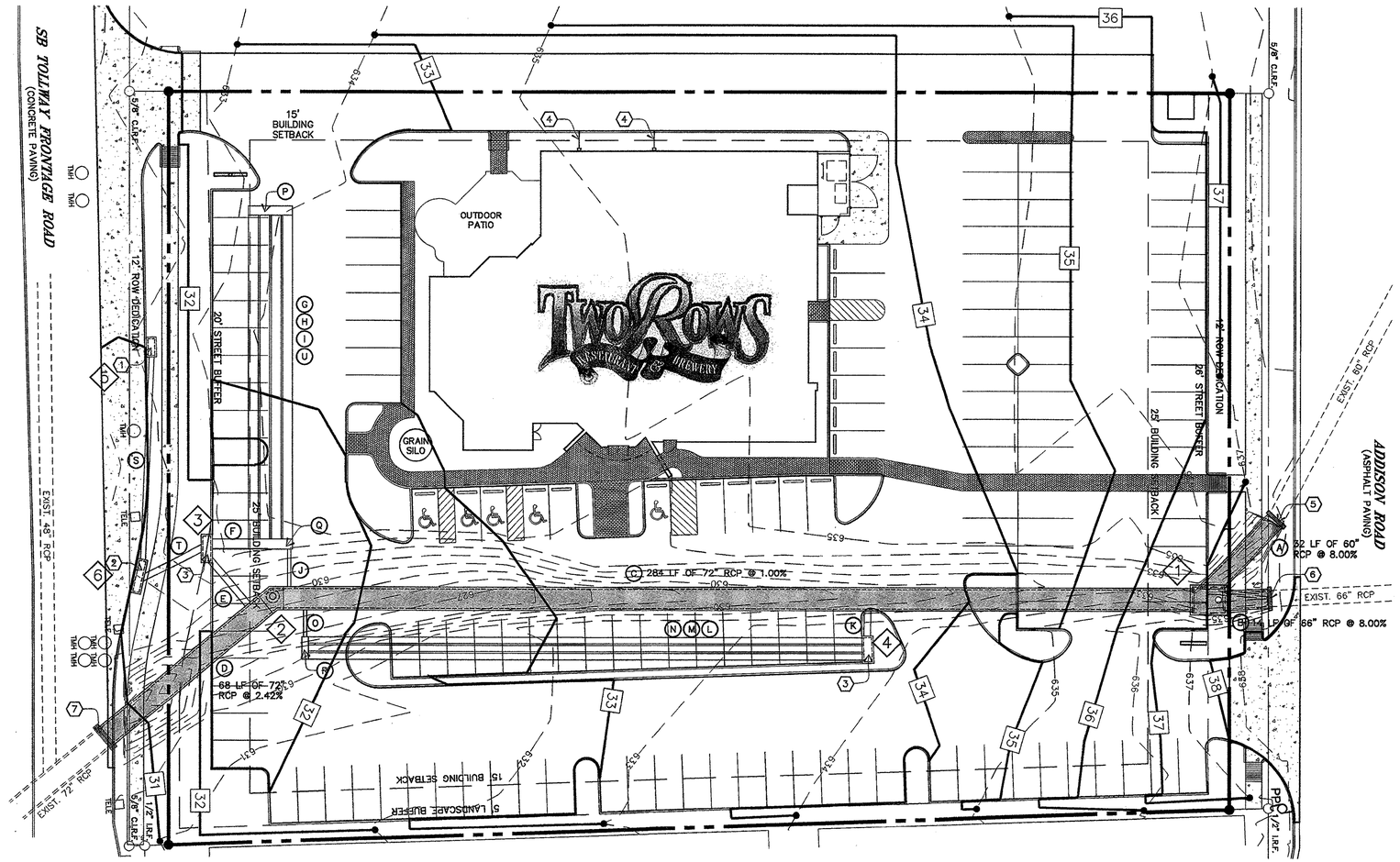


KEYED NOTES

1. PROPOSED 5.0 FOOT STORM STRUCTURE. SEE DETAIL C4.1–02. SEE SHEET C1.0 FOR EROSION CONTROL DURING CONSTRUCTION.
2. PROPOSED 10.0 FOOT STORM STRUCTURE. SEE DETAIL C4.1–02. SEE SHEET C1.0 FOR EROSION CONTROL DURING CONSTRUCTION.
3. PROPOSED 7.5 FOOT STORM STRUCTURE. SEE DETAIL C4.1–02. SEE SHEET C1.0 FOR EROSION CONTROL DURING CONSTRUCTION.
4. 6" P.V.C. STORM LINE FROM DOWNSPOUTS. RUN LINE THROUGH CURB, SEE DETAIL MEP1–04. SEE SHEET A2.2 FOR EXACT LOCATION.
5. CONCRETE COLLAR. SEE DETAIL C4.1–05. TIE–IN ELEV = 630.26
6. CONCRETE COLLAR. SEE DETAIL C4.1–05. TIE–IN ELEV = 629.66
7. CONCRETE COLLAR. SEE DETAIL C4.1–05. TIE–IN ELEV = 622.00

STORM STRUCTURE SCHEDULE

1. PRECAST JUNCTION BOX
   RIM = 637.25
   60" INVERT IN (SW) = 627.70
   66" INVERT IN (W) = 628.54
   72" INVERT OUT (S) = 626.59
2. PRECAST BEND MANHOLE ASSEMBLY
   RIM = 631.55
   72" INVERT IN (N) = 623.75
   72" INVERT IN (S) = 623.65
3. PROPOSED CURB INLET
   TOP = 631.74
   THROAT = 631.24
   36" INVERT OUT (W) = 625.97
   24" INVERT OUT (NW) = 626.97 (OVERFLOW)
   24" INVERT IN (E) = 626.07
4. PROPOSED CURB INLET
   TOP = 633.68
   THROAT = 633.18
   24" INVERT OUT (E) = 628.68
   24" INVERT OUT (S) = 629.68 (OVERFLOW)
5. PROPOSED CURB INLET
   TOP = 631.48
   THROAT = 630.88
   18" INVERT OUT (N) = 627.48
6. PROPOSED CURB INLET
   TOP = 631.10
   THROAT = 630.60
   18" INVERT IN (S) = 626.32
   24" INVERT OUT (SW) = 626.22

PIPE SCHEDULE

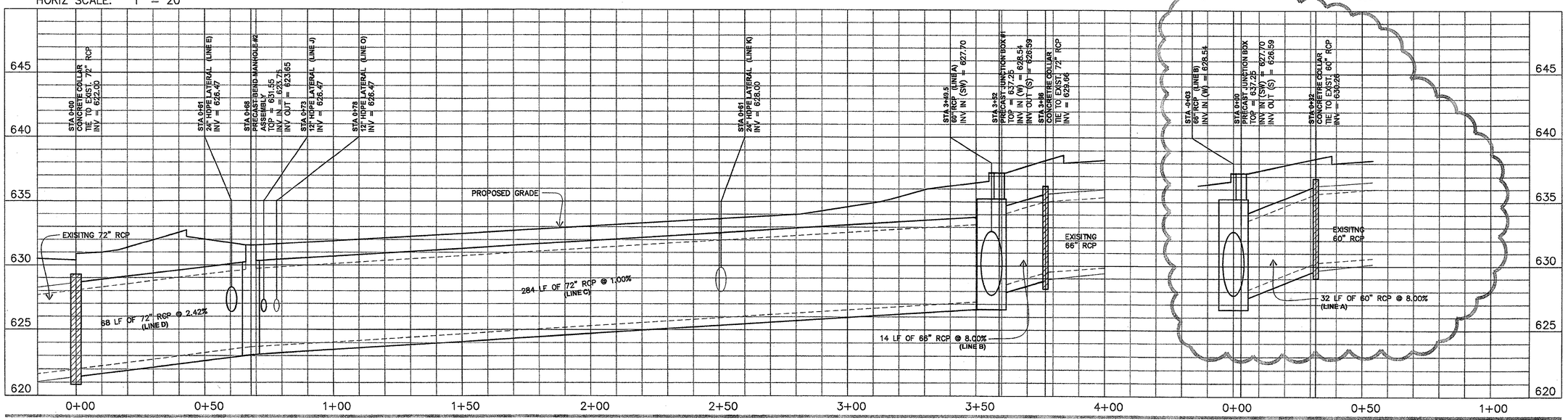
- (A) 32 LINEAR FEET OF 60" RCP AT 8.00% SLOPE
- (B) 14 LINEAR FEET OF 66" RCP AT 8.00% SLOPE
- (C) 284 LINEAR FEET OF 72" RCP AT 1.00% SLOPE
- (D) 68 LINEAR FEET OF 72" RCP AT 2.42% SLOPE
- (E) 20 LINEAR FEET OF 24" HDPE AT 7.28% SLOPE (OVERFLOW PIPE)
- (F) 11 LINEAR FEET OF 36" HDPE AT 0.50% SLOPE
- (G) 100 LINEAR FEET OF 36" HDPE AT 0.50% SLOPE
- (H) 100 LINEAR FEET OF 36" HDPE AT 0.50% SLOPE
- (I) 100 LINEAR FEET OF 36" HDPE AT 0.50% SLOPE
- (J) 12 LINEAR FEET OF 12" HDPE AT 0.27% SLOPE
- (K) 10 LINEAR FEET OF 24" HDPE AT 0.70% SLOPE (OVERFLOW PIPE)
- (L) 170 LINEAR FEET OF 24" HDPE AT 1.00% SLOPE
- (M) 170 LINEAR FEET OF 24" HDPE AT 1.00% SLOPE
- (N) 170 LINEAR FEET OF 24" HDPE AT 1.00% SLOPE
- (O) 9 LINEAR FEET OF 12" HDPE AT 0.27% SLOPE
- (P) 36" HDPE PIPE MANIFOLD (SIZED FOR 4 – 36" PIPES)
- (Q) 36" HDPE PIPE MANIFOLD (SIZED FOR 4 – 36" PIPES & 1 – 12" PIPE)
- (R) 24" HDPE PIPE MANIFOLD (SIZED FOR 3 – 24" PIPES & 1 – 12" PIPE)
- (S) 63 LINEAR FEET OF 18" RCP AT 1.92% SLOPE
- (T) 20 LINEAR FEET OF 24" RCP AT 1.00% SLOPE
- (U) 100 LINEAR FEET OF 36" HDPE AT 0.50% SLOPE

NORTH

0 10 20 40

SCALE: 1" = 20.00'

VERT. SCALE: 1" = 4'
HORIZ SCALE: 1" = 20'



wd partners
2350 Valley View Lane
Suite 100
Dallas, Texas 75234-5734
T 214.351.5400
F 214.351.2095
inbox@wdpartners.com
wdpartners.com

Dallas
Columbus
Los Angeles
Chicago
Miami

expesite.com

17225 Dallas Parkway
Addison, TX

STATE OF TEXAS
SCOTT LEWIS GRAVES
80150
LICENSED PROFESSIONAL ENGINEER
1/10/03

REVISIONS
1 12/19/02 (City)

PROTOTYPE

STORE NUMBER

WD PROJECT NUMBER
0000.659-00

C3.1 STORM PLAN AND PROFILE

Civil Resubmittal 01/10/03

Last Plotted: P:\Two_Rows\Dallas_Tollway_TX\0659_Addison_DallasNorthTollway\Civil\65900c_C31_planprofile.dwg 01/10/03 09:57
Last Saved: wda340 01/10/03 09:48