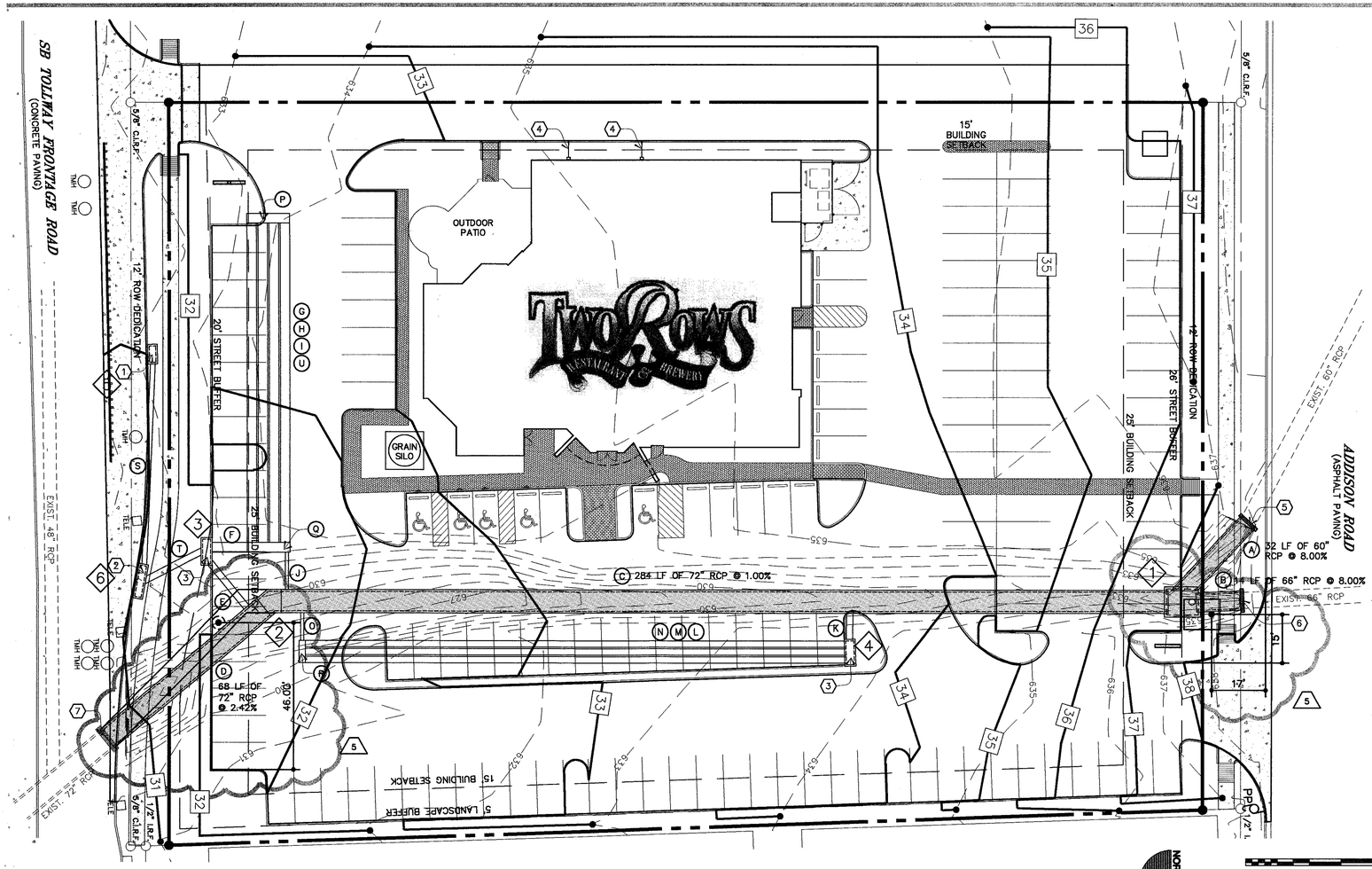
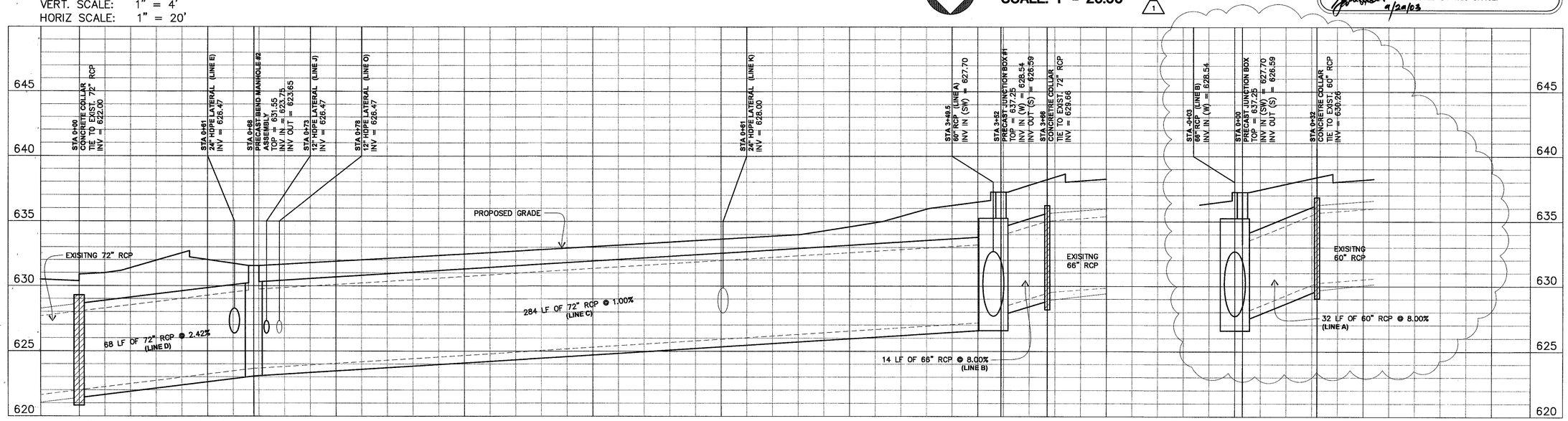


NORTH

0 10 20 40

SCALE: 1" = 20.00'

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



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.
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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
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- (L) 170 LINEAR FEET OF 24" HDPE AT 1.00% SLOPE
- (M) 170 LINEAR FEET OF 24" HDPE AT 1.00% SLOPE
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- (S) 63 LINEAR FEET OF 18" RCP AT 1.92% SLOPE
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- (U) 100 LINEAR FEET OF 36" HDPE AT 0.50% SLOPE

ASBUILT

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STATE OF TEXAS — SCOTT LEWIS GRAVES — 88150 — REGISTERED PROFESSIONAL ENGINEER

9/29/03

Civil Resubmittal 01/10/03

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B19-7

17225 DALLAS PKWY

REVISIONS
1 12/19/02 (City)
3 08/14/03 (Dallas Comments)
5 09/26/03 (As Builts)

3 PROTOTYPE

DALLAS FILE NO. 311T-7045

WD PROJECT NUMBER 0000.659-00

C3.1

STORM PLAN AND PROFILE

B19-7

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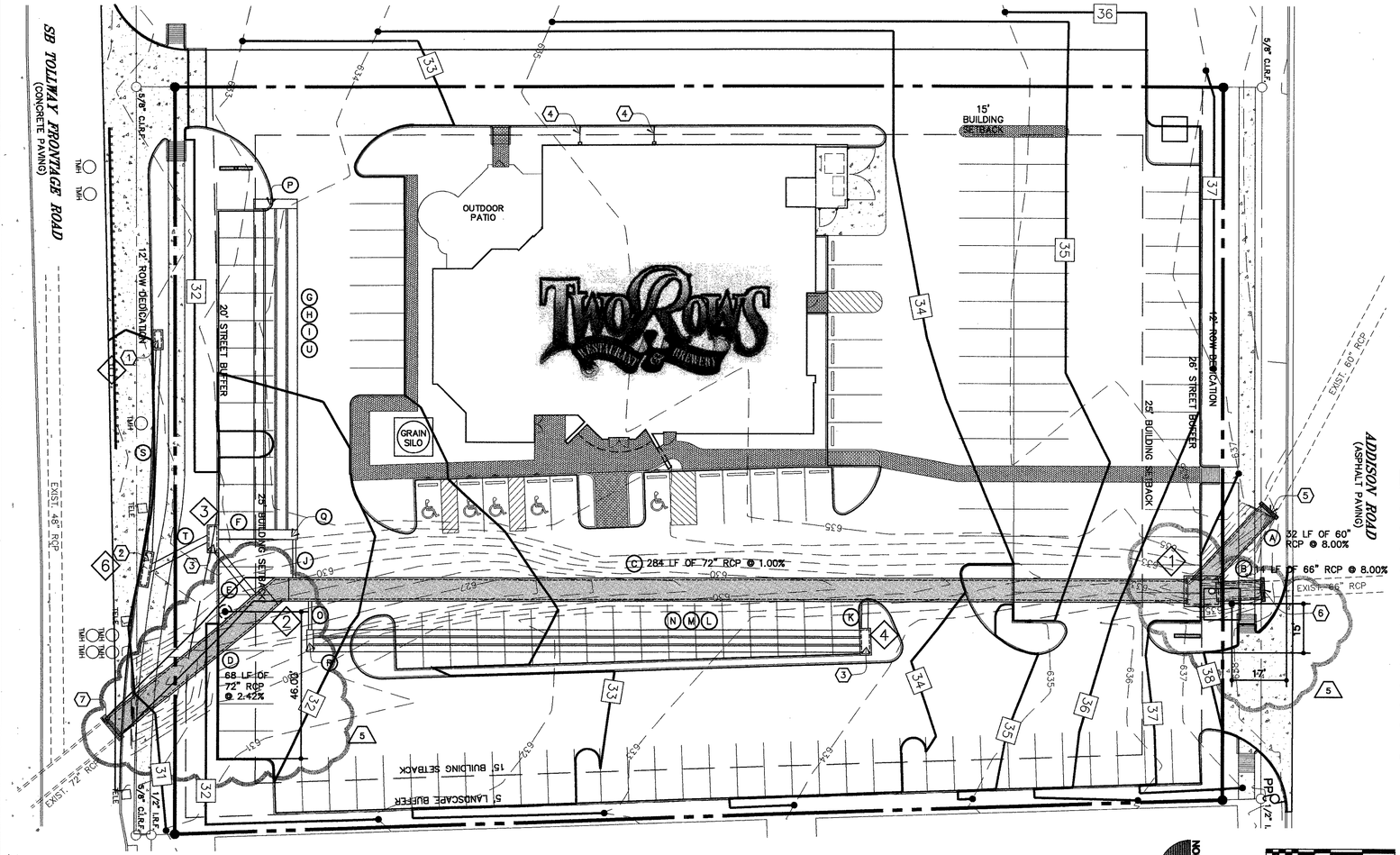

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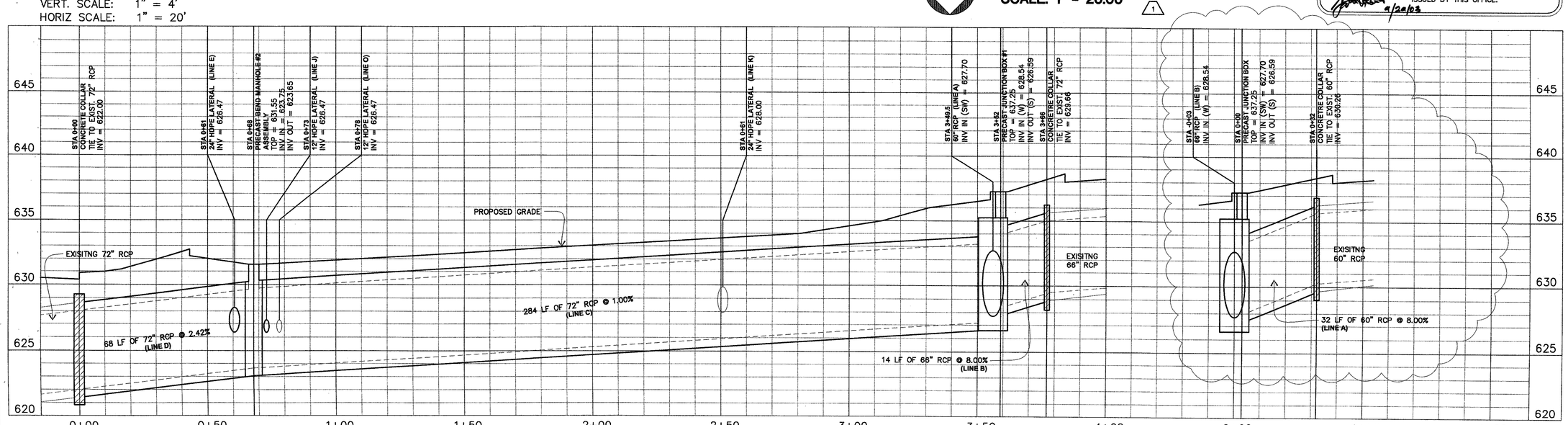
HORIZ SCALE: 1" = 20'



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NORTH

0 10 20 40

SCALE: 1" = 20.00'

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REVISIONS
1 12/19/02 (City)
3 08/14/03 (Dallas Comments)
5 09/26/03 (As Builts)

3 PROTOTYPE

DALLAS FILE NO. 311T-7045

WD PROJECT NUMBER 0000.659-00

C3.1 STORM PLAN AND PROFILE

Civil Resubmittal 01/10/03

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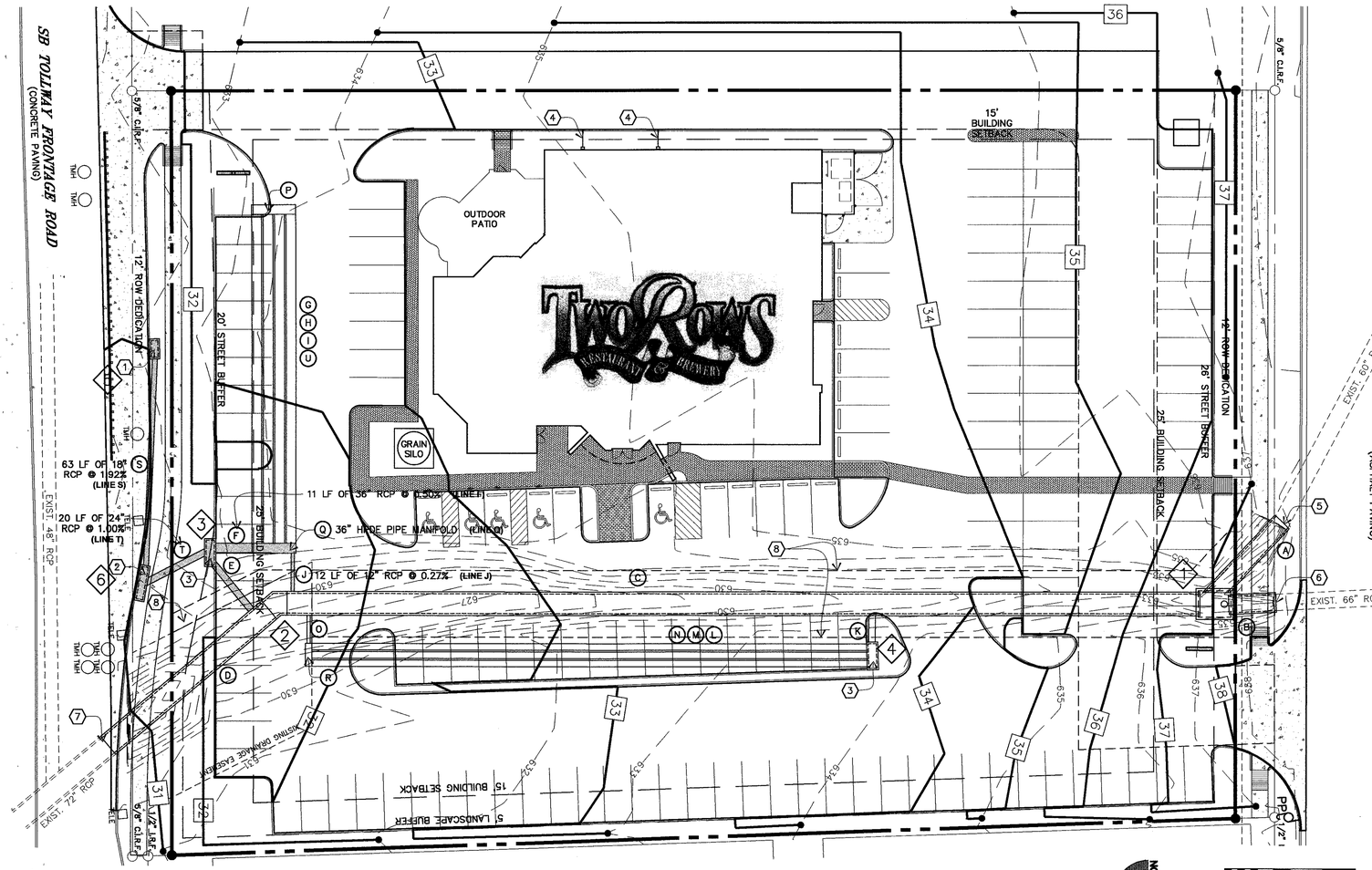

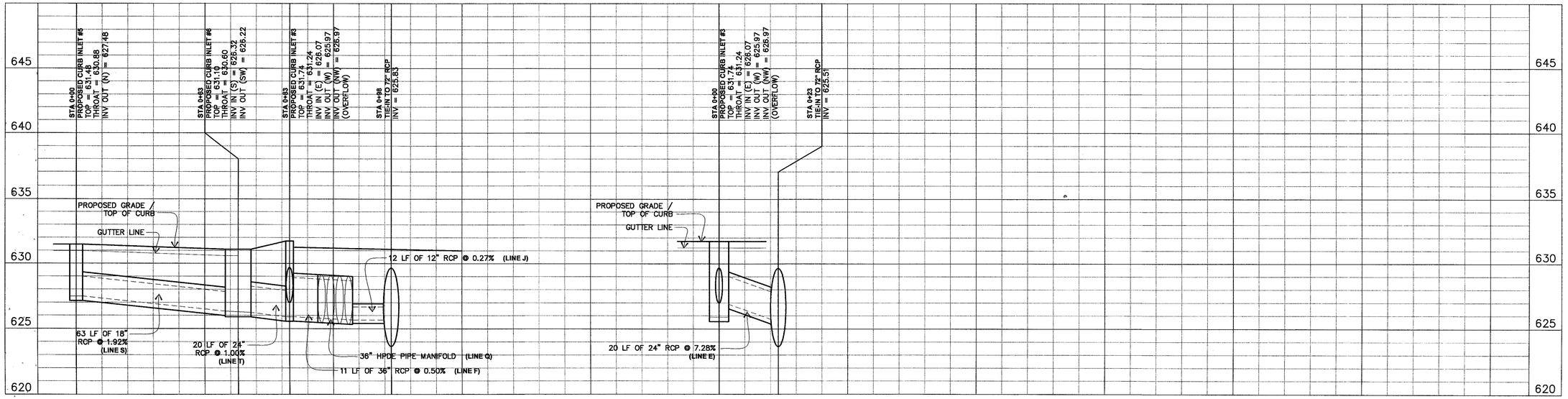

VERT. SCALE: 1" = 4'
HORIZ SCALE: 1" = 20'

NORTH

0 10 20 40

SCALE: 1" = 20.00'

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PIPE SCHEDULE

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STATE OF TEXAS
SCOTT LEWIS GRAVES
88150
REGISTERED PROFESSIONAL ENGINEER

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REVISIONS
1 12/19/02 (City)
3 08/14/03
(Dallas Comments)

3 PROTOTYPE

DALLAS FILE NO.
3111-7045

WD PROJECT NUMBER
0000.659-00

C3.2 STORM PLAN AND PROFILE

Civil Resubmittal 01/10/03

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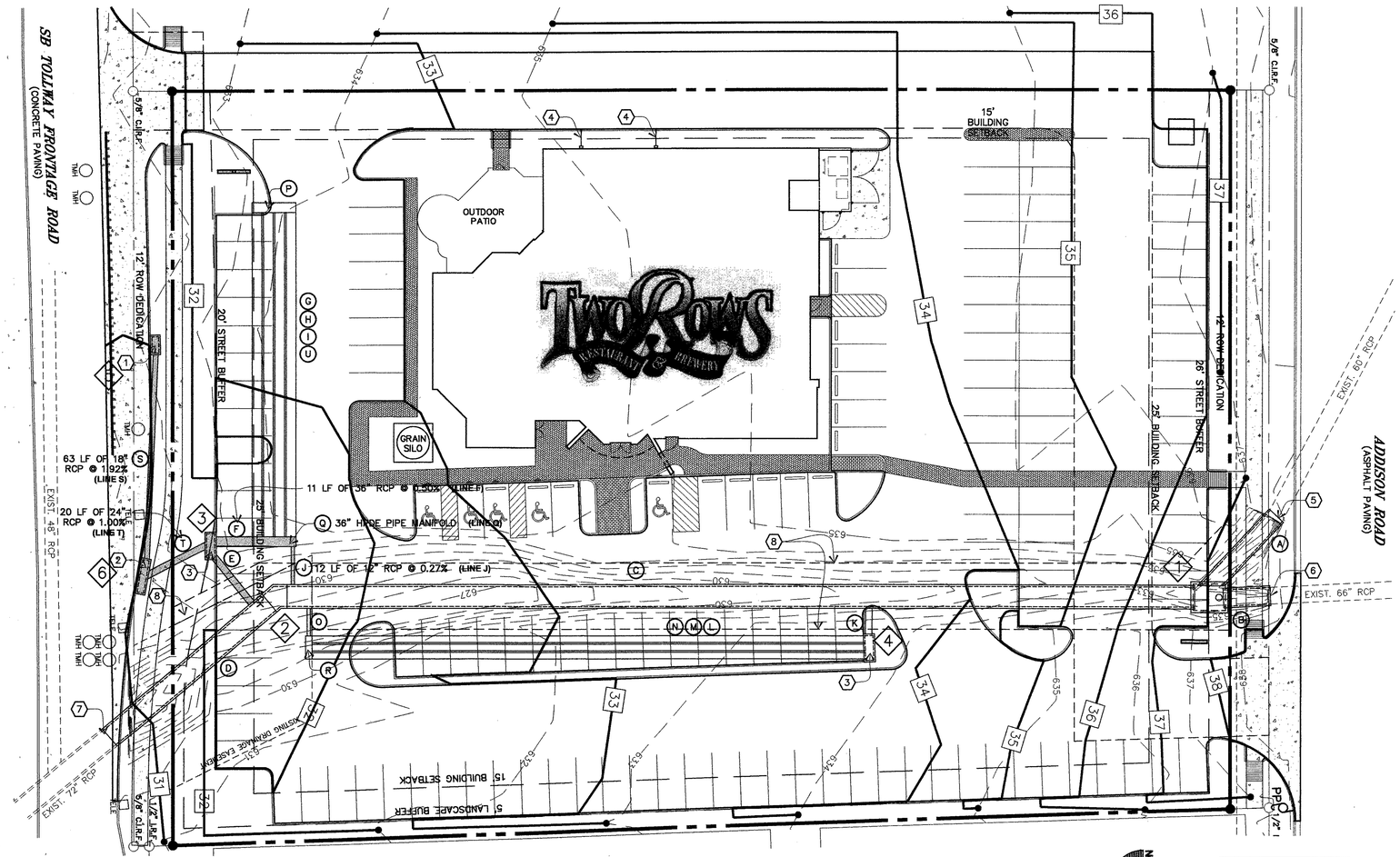

VERT. SCALE: 1" = 4'
HORIZ SCALE: 1" = 20'

NORTH

0 10 20 40

SCALE: 1" = 20.00'

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9/29/03

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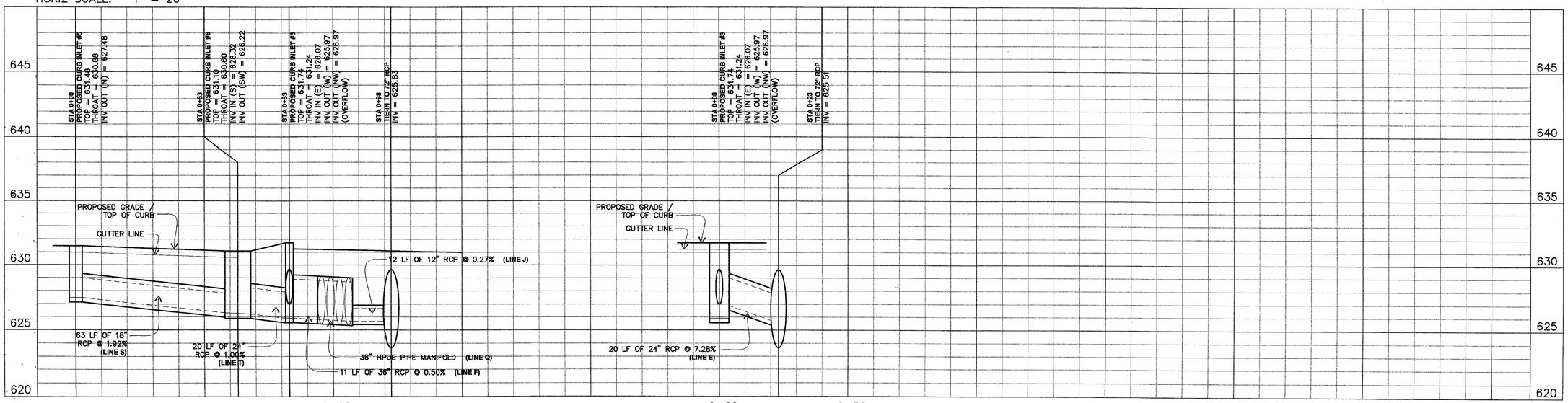

Civil Resubmittal 01/10/03

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REVISIONS
1 12/19/02 (City)
3 08/14/03 (Dallas Comments)

3 PROTOTYPE

DALLAS FILE NO. 311T-7045

WD PROJECT NUMBER 0000.659-00

C3.2 STORM PLAN AND PROFILE

Last Plotted: P:\Two_Rows\Dallas_Tollway_TX\0659_Addison_DallasNorthTollway\Civil\AsBuilt_Drawings\659000c_C32_ASB.dwg wdo340 9/29/2003 9:51:20 AM
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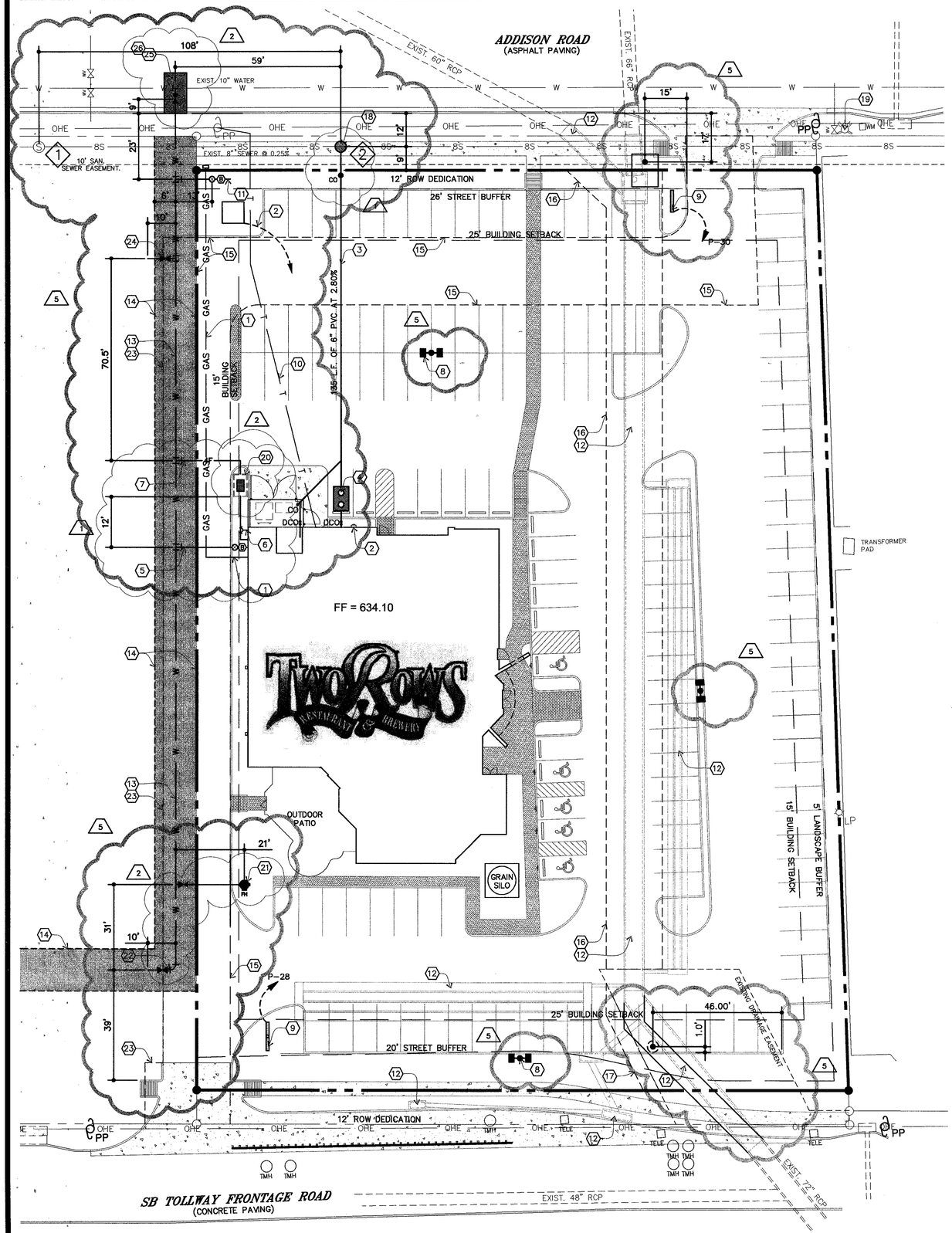

KEYED NOTES

1. NATURAL GAS SERVICE. GAS COMPANY SHALL SIZE AND INSTALL SERVICE THROUGH THE METER LOCATED AT THE BUILDING. ALL MATERIALS AND INSTALLATION ARE TO BE IN ACCORDANCE WITH ALL STATE AND LOCAL CODES AND N.F.P.A. STANDARDS. INCLUDE TWO GUARD POSTS AT METER LOCATION. SEE DETAIL C2.1–03 .
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   THE DIVISION OF WORK SHALL BE AS FOLLOWS:
   UTILITY COMPANY: SHALL PROVIDE PRIMARY WIRING AND FINAL CONNECTION TO THE TRANSFORMER.
   GENERAL CONTRACTOR: SHALL PROVIDE TRANSFORMER PAD, PRIMARY AND SECONDARY CONDUIT, ALL TRENCHING AND BACKFILL, SECONDARY WIRING AND METER SOCKET.
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5. DOMESTIC WATER SERVICE. PIPING SHALL BE 2" TYPE "K" COPPER WITH SILVER SOLDER. CONTRACTOR MUST VERIFY REQUIREMENTS OF LOCAL CODES, UTILITY COMPANIES AND GOVERNING OFFICIALS. INCLUDE IN BASE BID ALL ADDITIONAL VALVES, PIPING STRUCTURES, ETC., THAT WILL BE REQUIRED.
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6. SIAMESE FIRE DEPARTMENT CONNECTION.
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11. IRRIGATION WATER SERVICE. PIPING SHALL BE 1", TYPE "K" COPPER WITH SILVER SOLDER.
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    CONTRACTOR: SHALL PROVIDE 1" METER, TAPPED FROM 8" MAIN AND 1" BACKFLOW PREVENTOR. PIPING DOWN STREAM OF BFP SHALL BE 1–1/4" SCH. 40 PVC, 12" BELOW GRADE WITH SHUTOFF VALVE.
12. STORM DRAIN SHOWN FOR INFORMATION PURPOSE ONLY. SEE SHEET C3.0 FOR DETAILS.
13. 8" WATER MAIN. SEE SHEET C4.1 FOR INSTALLATION DETAILS.
14. 15' WATER LINE EASEMENT TO BE FILED UNDER SEPARATE INSTRUMENT BY OTHERS.
15. 12' ACCESS EASEMENT.
16. 20' DRAINAGE EASEMENT.
17. DRAINAGE EASEMENT.
18. 4' DIAMETER MANHOLE. SEE DETAIL C4.1–07.
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20. PRECAST CONCRETE VAULT FOR DOUBLE CHECK VALVE WITH DETECTOR ASSEMBLY. MINIMUM INTERIOR DIMENSIONS TO BE 52" x 90". LID AND ACCESS HATCH TO HAVE H20 TRAFFIC RATING.

(1)
21. PROPOSED FIRE HYDRANT. SEE DETAIL C4.2–03.
22. 8" – 90° BEND AND 8" GATE VALVE. SEE DETAIL C4.2–02.
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24. 8"x8"x8" TEE AND 8" GATE VALVE. SEE DETAIL C4.2–02.
25. 8"x10" TAPPING SLEEVE AND VALVE. SEE DETAIL C4.2–04.
26. ASPHALT REPAIR. SEE DETAIL C4.1–01.

(2)

UTILITY CONTACTS

BUILDING OFFICIAL:	CITY OF ADDISON (LYNN CHANDLER) 16801 WESTGROVE DRIVE ADDISON, TEXAS 75001 972.450.2889 (T) 972.450.2837 (F)
SANITARY SEWER:	CITY OF ADDISON (STEVE CHUTCHIAN) 16801 WESTGROVE DRIVE ADDISON, TEXAS 75001 972.450.2886 (T) 972.450.2837 (F)
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GENERAL NOTE:

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ON SITE TRENCHING SHALL BE MINIMIZED WHEN POSSIBLE. UTILITIES, LIGHTING, AND IRRIGATION SHALL MAKE USE OF SHARED TRENCHING.
FOR TRENCHING INFORMATION, SEE DETAIL C4.1–01

NORTH

0 10 20 40

SCALE: 1" = 20.00'

GENERAL NOTES

1. 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 BYT HE CITY OF DALLAS ON SITE AT ALL TIMES.
2. 48 HOURS PRIOR TO BEGINNING WORK WITHIN THE RIGHT OF WAY OF THE TOLLWAY, CONTRACTOR MUST INFORM THE CITY OF DALLAS TRANSPORTATION DEPARMENT. CONTRACTOR WILL CONTACT:
   RUSSELL FINELY
   214.957.1036 (MOBIL PHONE)
   214.670.5896 (OFFICE)
   ALL TRAFFIC CONTROL WILL BE SUBJECT TO THE INSPECTION AND APPROVAL OF THE CITY OF DALLAS.
3. ALL PUBLIC INFRASTRUCTURE CONSTRUCTED UNDER THIS CONTRACT MUST BE INSTALLED AND INSPECTED ACCORDING TO THE TOWN OF ADDISON REQUIREMENTS. **CONTRACTOR IS DIRECTED TO THE SUPPLEMENTAL SPECIFICATION BOOKLET WHICH OUTLINES THE TOWN REQUIREMENTS. THE BOOKLET HAS BEEN ISSUED WITH THE DRAWINGS AND ARE HEREBY A PART OF THE CONTRACT DOCUMENTS.**
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(1)

(3)
6. ALL LANES OF TRAFFIC ALONG SOUTHBOUND DALLAS PARKWAY SHALL BE MAINTAINED MONDAY THROUGH FRIDAY BETWEEN 7:00AM AND 9:00 AM AND BETWEEN 3:30PM AND 6:00 PM.

SEWER STRUCTURE SCHEDULE

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PROPOSED GAS:	GAS GAS GAS
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PROPOSED TELEPHONE:	T T
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PROPOSED ELECTRICAL CONDUIT:	CIRCUIT A–22,24

ASBUILT
TO THE BEST OF MY KNOWLEDGE AND BASED ON ABOVE GROUND VISUAL OBSERVATIONS, THE UNDERGROUND UTILITY WORK FOR THIS PROJECT HAS BEEN INSPECTED AND BUILT IN RESONABLE COMPLIANCE WITH THE APPROVED PLANS AND SPECIFICATIONS ISSUED BY THIS OFFICE.

STATE OF TEXAS · SCOTT LEWIS GRAVES · 88150 · LICENSED PROFESSIONAL ENGINEER · 9/29/03

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inbox@wdpartners.com
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Columbus
Los Angeles
Chicago
Miami

expesite.com

REVISIONS
1 12/19/02 (City)
2 01/24/03 (City)
3 08/14/03 (Dallas Comments)
5 09/26/03 (As Builts)

3 PROTOTYPE

DALLAS FILE NO.
311T-7045

WD PROJECT NUMBER
0000.659-00

C4.0 UTILITY PLAN

Civil Resubmittal 01/10/03

Last Plotted: P:\Two_Rows\Dallas_Tollway_TX\0659_Addson_DallasNorthTollway\Civil\AsBuilt_Drawings\65900c_C40_ASB.dwg wds340 9/29/2003 1:06:03 PM
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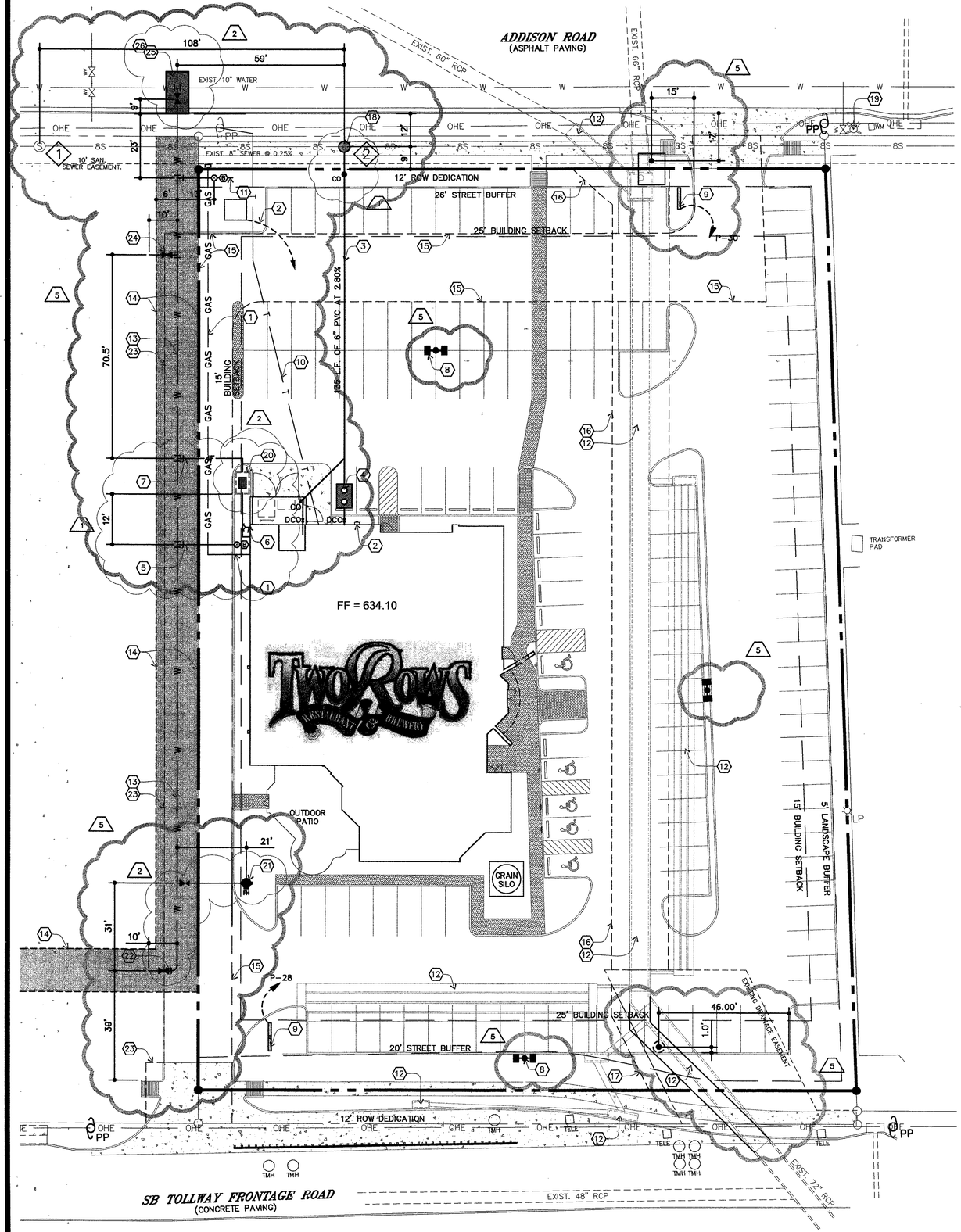

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STATE OF TEXAS — SCOTT LEWIS GRAVES — 88150 — REGISTERED PROFESSIONAL LANDSCAPE ARCHITECT
9/29/03

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Dallas
Columbus
Los Angeles
Chicago
Miami

expesite.com

REVISIONS
1 12/19/02 (City)
2 01/24/03 (City)
3 08/14/03 (Dallas Comments)
5 09/26/03 (As Builts)

3 PROTOTYPE

DALLAS FILE NO.
311T-7045

WD PROJECT NUMBER
0000.659-00

C4.0 UTILITY PLAN

Civil Resubmittal 01/10/03

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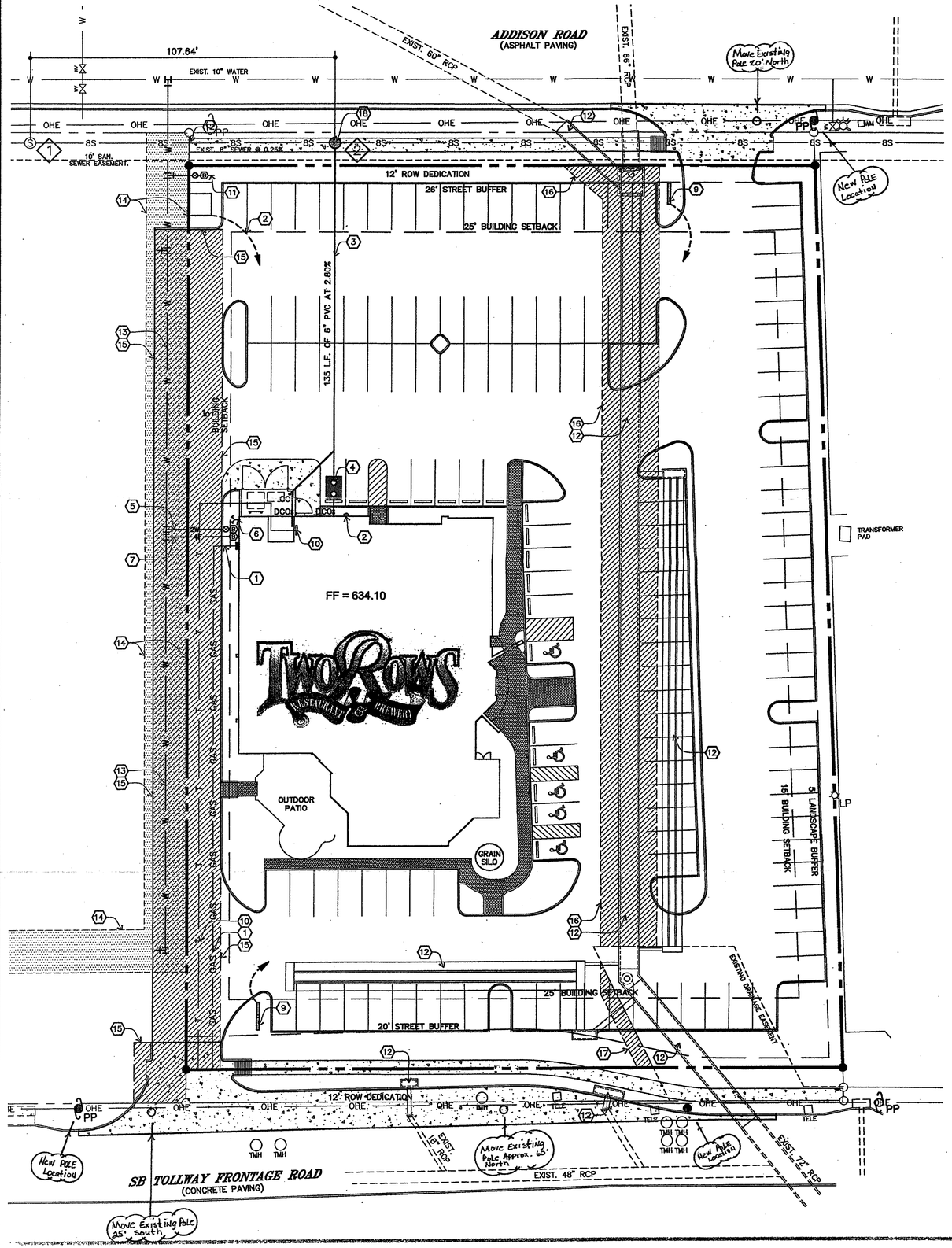

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   214.670.5896 (OFFICE)
   ALL TRAFFIC CONTROL WILL BE SUBJECT TO THE INSPECTION AND APPROVAL OF THE CITY OF DALLAS.

SEWER STRUCTURE SCHEDULE

1. EXISTING MANHOLE
   RIM = 638.66
   8" INVERT IN (N) = 626.01
   8" INVERT OUT (S) = 625.96
2. PROPOSED MAHOLE
   RIM = 637.50
   8" INVERT IN (N) = 626.33
   8" INVERT OUT (S) = 626.23
   6" INVERT IN (E) = 626.33

UTILITY LINE LEGEND

PROPOSED GAS:	GAS GAS GAS
PROPOSED ELECTRIC:	E E
PROPOSED WATER:	W W
PROPOSED TELEPHONE:	T T
PROPOSED SANITARY SEWER:	6" PVC AT 2.00% MIN.
PROPOSED IRRIGATION SLEEVE:	
PROPOSED ELECTRICAL CONDUIT:	CIRCUIT A–22,24

GENERAL NOTE:
CONTRACTOR SHALL SUPPLY AND INSTALL ALL ITEMS AND PERFORM ALL WORK NOT COVERED BY UTILITY COMPANIES. VERIFY INSTALLATION PROCEDURE WITH UTILITY COMPANY.
ON SITE TRENCHING SHALL BE MINIMIZED WHEN POSSIBLE. UTILITIES, LIGHTING, AND IRRIGATION SHALL MAKE USE OF SHARED TRENCHING.
FOR TRENCHING INFORMATION, SEE DETAIL C4.1–01

UTILITY CONTACTS

BUILDING OFFICIAL:	CITY OF ADDISON (LYNN CHANDLER) 16801 WESTGROVE DRIVE ADDISON, TEXAS 75001 972.450.2889 (T) 972.450.2837 (F)
SANITARY SEWER:	CITY OF ADDISON (STEVE CHUTCHIAN) 16801 WESTGROVE DRIVE ADDISON, TEXAS 75001 972.450.2886 (T) 972.450.2837 (F)
STORM SEWER:	CITY OF ADDISON (STEVE CHUTCHIAN) 16801 WESTGROVE DRIVE ADDISON, TEXAS 75001 972.450.2886 (T) 972.450.2837 (F)
WATER SERVICE:	CITY OF ADDISON (STEVE CHUTCHIAN) 16801 WESTGROVE DRIVE ADDISON, TEXAS 75001 972.450.2886 (T) 972.450.2837 (F)
GAS SERVICE:	TXU ELECTRIC AND GAS 972.888.1330 (T) 972.888.1304 (F)
ELECTRICAL SERVICE:	TXU ELECTRIC AND GAS 972.888.1330 (T) 972.888.1304 (F)
TELEPHONE COMPANY:	AT&T 972.840.2388
CABLE TELEVISION:	CHARTER COMMUNICATION 800.477.0887

NORTH

0 10 20 40
SCALE: 1" = 20.00'

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

5500 Greenville #1300
Old Town Shopping Center
Dallas, Texas 75206
214.696.2739

REVISIONS

PROTOTYPE

STORE NUMBER

WD PROJECT NUMBER
0000.659-00

C4.0 UTILITY PLAN

Civil Submittal 12/09/02

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