

**SITE LOCATION**  
**VICINITY MAP**  
N.T.S.

# ENGINEERING SITE PLAN

## FOR

# EXCEL TELECOMMUNICATIONS

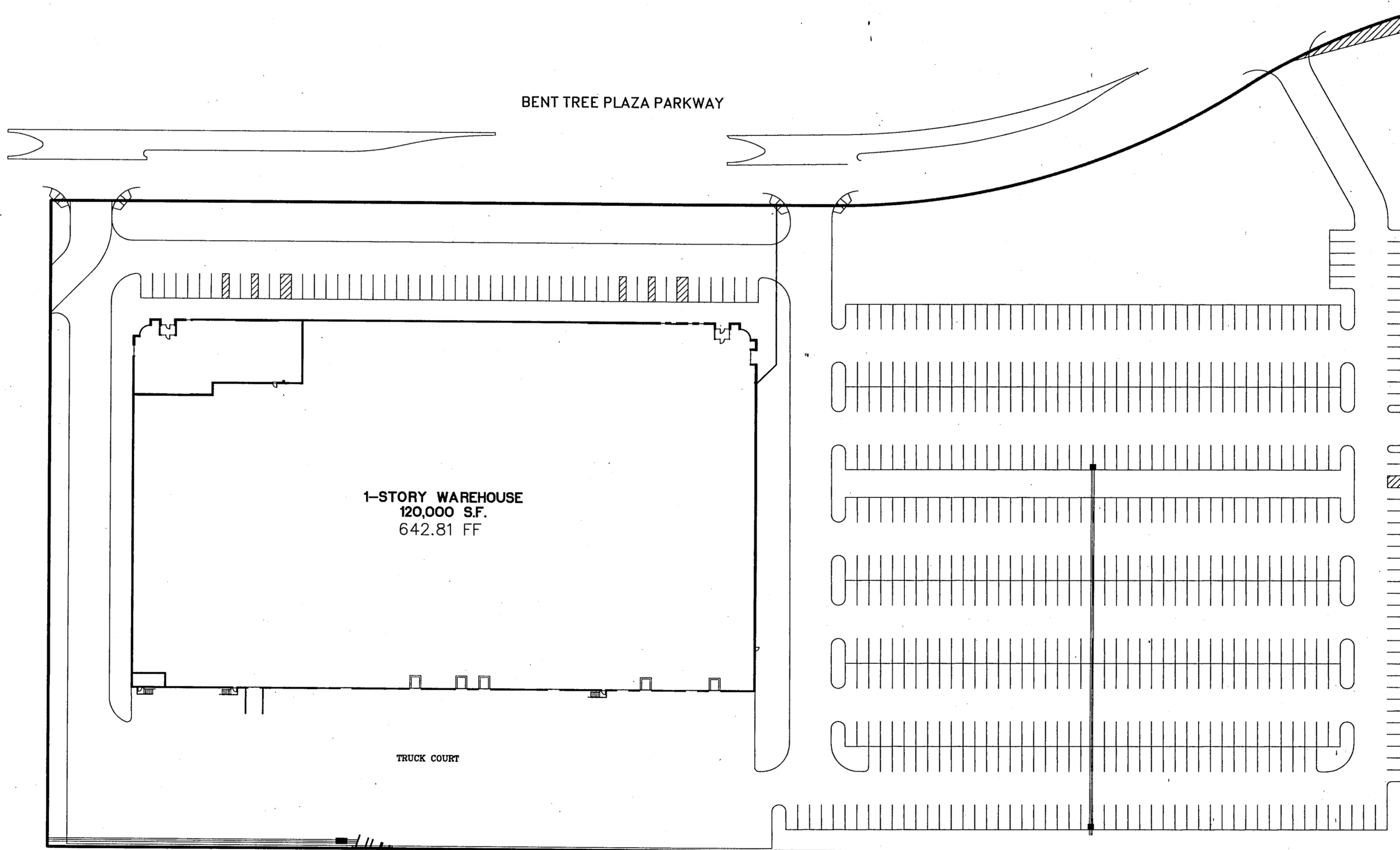
# WAREHOUSE

## ADDISON, TEXAS

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4550 Excel Pkwy



**OWNER:** WILCOX/CMC ADDISON INC.  
TWO LINCOLN CENTRE  
5420 LBJ FREEWAY #573  
DALLAS, TEXAS 75240  
(214) 702-7585  
CONTACT: SUBASH GAITONDE

**ENGINEER:** BURY + PITTMAN D.F.W., INC.  
5310 HARVEST HILL ROAD  
SUITE 100  
DALLAS, TEXAS 75230  
(214) 991-0011  
CONTACT: OCIE VEST

**ARCHITECT:** WSI ARCHITECTS  
12750 MERIT DRIVE  
DALLAS, TEXAS 75251  
(214) 458-9999  
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ONE NORTHPARK 8950 N. CENTRAL EXPY. STE 112  
DALLAS, TEXAS 75231  
(214) 750-1415  
CONTACT: JANET THURMAN



APPROVED FOR CONSTRUCTION		
	DATE	SIGNATURE
PLANNING & ZONING		
ENGINEERING		
BUILDING INSPECTION		
FIRE PREVENTION		

### BASIS OF BEARING:

1. THE BASIS OF BEARING SHOWN HERE IN IS ARE BASED ON THE REFERENCED DEED BEARINGS (VOL. 92115, PG. 4018).

### BENCHMARK:

RR-SPIKE @ WEST FACE OF POWER POLE LOC.  
± 30' SOUTH OF SUNBELT DR. @ EAST SIDE OF ADDISON RD.  
ELEVATION 644.35

### PLAN SUBMITTALS:

NO.	DATE	COMMENTS
1	02-05-96	FIRST SUBMITTAL
2	02-23-96	BUILDING DEPARTMENT SUBMITTAL
3	03-22-96	FINAL SUBMITTAL

### REVISIONS:

NO.	SHEET	DESCRIPTION	APPROVED BY	DATE

SUBMITTED BY: OCIE L. VEST DATE: 3/22/96



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BPI JOB NO.: 3027-01

ak  
JRB  
3-26-96

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**SITE PLAN RELEASE NOTES:**

**ORDNANCE REQUIREMENTS**

- ALL IMPROVEMENTS SHALL BE MADE IN ACCORDANCE WITH THE APPROVED ENGINEERED SITE PLAN. ANY ADDITIONAL IMPROVEMENTS WILL REQUIRE SITE PLAN AMENDMENT AND APPROVAL OF CITY.
- APPROVAL OF THIS SITE PLAN DOES NOT INCLUDE BUILDING SAFETY DEPARTMENT AND FIRE CODE APPROVAL FOR BUILDING PERMIT APPROVAL.
- ALL SIGNS MUST COMPLY WITH THE REQUIREMENTS OF THE SIGN ORDINANCE AND ZONING ORDINANCE, AND OTHER APPLICABLE ORDINANCES.
- THE CONTRACTOR IS RESPONSIBLE FOR ALL COST OF RELOCATION OR DAMAGE TO UTILITIES.
- PARKING WILL CONFORM TO THE FOLLOWING TOWN OF ADDISON STANDARDS:
  - 90° PARKING
  - STANDARD: 8.5' x 17'
  - HANDICAP: 15' x 17.0'
- ALL BEARINGS, DISTANCES AND EASEMENTS SHALL MATCH THOSE ON THE SUBDIVISION PLAT.

**FIRE PREVENTION**

- THE ADDISON FIRE DEPARTMENT REQUIRES ASPHALT OR CONCRETE PAVEMENT PRIOR TO CONSTRUCTION AS AN "ALL WEATHER DRIVING SURFACE".
- HYDRANTS MUST BE INSTALLED WITH THE CENTER OF THE 4 1/2-INCH OPENING AT LEAST EIGHTEEN (18) INCHES ABOVE FINISHED GRADE. THE 4 1/2-INCH OPENING MUST FACE THE DRIVEWAY OR STREET WITH A 3'-6" FOOT SETBACK FROM CURBLINE(S). NO OBSTRUCTION IS ALLOWED WITHIN THREE (3) FEET OF ANY HYDRANT AND THE 4 1/2-INCH OPENING MUST BE TOTALLY UNOBSTRUCTED FROM THE STREET.
- TIMING OF INSTALLATION: WHEN FIRE PROTECTION FACILITIES ARE INSTALLED BY THE DEVELOPER, SUCH FACILITIES INCLUDE ALL SURFACE ACCESS ROADS WHICH SHALL BE INSTALLED AND MADE SERVICABLE PRIOR TO AND DURING THE TIME OF CONSTRUCTION. WHERE ALTERNATE METHODS OF PROTECTION ARE PROVIDED, AS APPROVED BY THE CITY COUNCIL, THE ABOVE MAY BE MODIFIED OR WAIVED.
- ALL PERVIOUS/DECORATIVE PAVING SHALL BE ENGINEERED AND INSTALLED FOR 80,000 LB. LIVE VEHICLE LOADS. ANY PERVIOUS/DECORATIVE PAVING WITHIN 100' OF ANY BUILDING MUST BE APPROVED BY THE FIRE DEPARTMENT.
- COMMERCIAL DUMPSTERS AND CONTAINERS WITH AN INDIVIDUAL CAPACITY OF 1.5 CUBIC YARDS OR GREATER SHALL NOT BE STORED OR PLACED WITHIN FIVE (5) FEET OF OPENINGS, COMBUSTIBLE WALLS, OR COMBUSTIBLE EAVE LINES.
- FIRE LANES DESIGNATED ON SITE PLAN SHALL BE REGISTERED WITH THE CITY OF ADDISON FIRE MARSHAL'S OFFICE AND INSPECTED FOR FINAL APPROVAL.

**LANDSCAPE**

- PRIOR TO BUILDING PERMIT APPROVAL, THE FOLLOWING LANDSCAPE REQUIREMENTS MUST BE MET:
  - NOTE METHOD OF IRRIGATION FOR REQUIRED LANDSCAPE AREAS.
  - CERTIFY THAT PLANS SATISFY ORDINANCE REQUIREMENTS.
  - NOTE METHOD OF PROTECTING EXISTING TREES FROM CONSTRUCTION DAMAGE.

**GENERAL NOTES**

- PRIOR TO FINAL ACCEPTANCE BY THE TOWN OF ADDISON.
  - A TEXAS REGISTERED PROFESSIONAL ENGINEER SHALL CERTIFY THAT THE PROJECT WAS CONSTRUCTED IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS APPROVED BY THE TOWN OF ADDISON.
  - THE OWNER SHALL PROVIDE 1 REPRODUCIBLE SET OF AS-BUILTS (SEALED AND CERTIFIED BY A TEXAS REGISTERED ENGINEER) AND 2 BLUELINE SETS.
  - A FIVE FOOT SIDE WALK SHALL BE INSTALLED ALONG BENT TREE PLAZA PARKWAY. SEE ATTACHED DETAIL.
  - A ONE YEAR 10% MAINTENANCE BOND IS REQUIRED FOR THE INTERNAL SUBDIVISION INFRASTRUCTURE.
  - CONTRACTOR SHALL DEMONSTRATE THAT THE WATER AND SANITARY SEWER SYSTEMS MEET THE PROPER PRESSURE, BACTERIA, AND MANDREL TESTS. IN ADDITION, THE OWNER SHALL PROVIDE A VHS FORMAT VIDEO TAPE OF THE SANITARY SEWER.
- PRIOR TO STARTING CONSTRUCTION, THE CONTRACTOR SHALL CONTACT THE UTILITY COMPANIES TO LOCATED EXISTING FACILITIES. THESE INCLUDE BUT MAY NOT BE LIMITED TO THE FOLLOWING:
  - TOWN OF ADDISON
  - LONE STAR GAS
  - SOUTHWESTERN BELL
  - STORER CABLE
  - PLANNED CABLE SYSTEMS
  - TU ELECTRIC
- PRIOR TO BEGINNING CONSTRUCTION, THE OWNER OR HIS AUTHORIZED REPRESENTATIVE SHALL CONVEY A PRE-CONSTRUCTION CONFERENCE BETWEEN THE TOWN OF ADDISON, CONSULTING ENGINEER, CONTRACTOR(S), UTILITY COMPANIES AND ANY OTHER AFFECTED PARTIES. NOTIFY BRUCE ELIS AT 450-2847 AT LEAST 48-HOUR PRIOR TO BEGINNING OF CONSTRUCTION.
- ANY EXISTING PAVEMENT, CURBS AND/OR SIDEWALKS DAMAGED OR REMOVED WILL BE REPAIRED BY THE CONTRACTOR AT THEIR EXPENSE.
- LOT PINS SHALL BE INSTALLED AFTER CONSTRUCTION AND PRIOR TO FINAL ACCEPTANCE. CONCRETE MONUMENTS SHALL BE PLACED AS SHOWN ON THE FINAL PLAT AND IRON PINS SHALL BE PLACED AT BLOCK CORNERS, CURVE POINTS AND ANGLE POINTS IN PUBLIC RIGHT-OF-WAY. CONCRETE MONUMENTS SHALL BE SIX (6) INCHES IN DIAMETER AND TWENTY-FOUR (24) INCHES LONG. AN IRON ROD ONE-HALF INCH IN DIAMETER EMBEDDED AT LEAST THREE (3) INCHES IN THE MONUMENT AT THE EXACT INTERSECTION POINT OF THE MONUMENT. THE MONUMENTS SHALL BE SET AT SUCH AN ELEVATION THAT AFTER CONSTRUCTION THE TOP OF THE MONUMENT WILL BE NOT LESS THAN TWELVE (12) INCHES BELOW THE GROUND SURFACE.
- THE CONTRACTOR SHALL STAMP A 2-INCH "S" AND 2-INCH "W" IN THE CURB AT THE LOCATION OF THE SEWER SERVICE AND WATER SERVICE LINES, RESPECTFULLY.
- AN INTERSECTIONS THAT HAVE VALLEY DRAINAGE, THE CROWN OF THE INTERSECTING STREETS WILL CULMINATE IN A DISTANCE OF 40 FEET FROM THE INTERSECTING CURB LINE UNLESS OTHERWISE NOTED.
- TEMPORARY OR PERMANENT STREET BARRICADES SHALL REMAIN AT ALL POINTS OF INGRESS AND EGRESS TO PREVENT PUBLIC USE UNTIL SUCH STREET RECEIVED FINAL ACCEPTANCE.
- CONTRACTOR SHALL OBTAIN A RIGHT-OF-WAY PERMIT BY THE TOWN OF ADDISON FOR WORKING WITHIN THE PUBLIC RIGHT-OF-WAY.
- DURING CONSTRUCTION, THE CONTRACTOR SHALL PROVIDE A QUALIFIED GEOTECHNICAL LAB TO PERFORM MATERIALS TESTING DURING THE CONSTRUCTION, AT THE REQUEST OF THE TOWN OF ADDISON.
- THE CONTRACTOR SHALL SUBMIT MATERIAL SHEETS TO THE TOWN OF ADDISON FOR APPROVAL PRIOR TO INCORPORATING MATERIALS INTO THE JOB.
- THE UTILITY CONTRACTOR SHALL SUBMIT TO THE TOWN OF ADDISON FOR APPROVAL A TRENCH SAFETY PLAN SEALED BY A REGISTERED PROFESSIONAL ENGINEER FOR THE INSTALLATION OF UTILITIES GREATER THAN FIVE (5) FEET IN DEPTH.

**GENERAL CONSTRUCTION NOTES:**

- CONTRACTOR SHALL CONTACT ALL UTILITY COMPANIES FOR UTILITY LOCATIONS PRIOR TO ANY WORK IN CITY EASEMENTS OR STREET RIGHT-OF-WAY.
- ALL CONSTRUCTION OPERATIONS SHALL BE ACCOMPLISHED IN ACCORDANCE WITH APPLICABLE REGULATIONS OF THE U.S. OCCUPATIONAL HEALTH AND SAFETY ADMINISTRATION. COPIES OF OSHA STANDARDS MAY BE PURCHASED FROM THE U.S. GOVERNMENT PRINTING OFFICE.
- TEMPORARY EROSION/SEDIMENTATION CONTROL AND TREE/NATURAL AREA PROTECTION MEASURES:
  - THE CONTRACTOR SHALL INSTALL EROSION/SEDIMENTATION CONTROLS AND TREE/NATURAL AREA PROTECTIVE FENCING PRIOR TO ANY SITE PREPARATION WORK (CLEARING, GRUBBING, GRADING OR EXCAVATION).
  - ANY SIGNIFICANT VARIATION IN MATERIALS OR LOCATIONS OF CONTROLS OR FENCES FROM THAT WHICH IS SHOWN ON THE APPROVED PLANS MUST BE APPROVED BY THE PLANNING SPECIALIST OR ARBORIST, AS APPROPRIATE.
  - THE CONTRACTOR IS TO INSPECT THE CONTROLS AND FENCES AT WEEKLY INTERVALS AND AFTER EVERY SIGNIFICANT RAINFALL TO INSURE THAT THEY HAVE NOT BEEN SUBSTANTIALLY DISTURBED. THE PERSON(S) OR FIRM(S) RESPONSIBLE FOR MAINTENANCE OF CONTROLS AND FENCES SHALL BE IMMEDIATELY DIRECTED TO MAKE ANY NECESSARY REPAIRS.
  - ANY SEDIMENT BUILD-UP OCCURRING AFTER A SIGNIFICANT RAIN SHALL BE REMOVED AND PLACED IN THE DESIGNATED SPOIL DISPOSAL SITE.
- OFF-SITE DISPOSAL: THE CONTRACTOR SHALL NOT DISPOSE OF SURPLUS EXCAVATED MATERIAL FROM THE SITE WITHOUT PROPER NOTIFICATION AT LEAST FORTY-EIGHT (48) HOURS PRIOR TO THE REMOVAL. THIS NOTIFICATION SHALL INCLUDE THE DISPOSAL LOCATION AND A COPY OF THE PERMIT ISSUED TO RECEIVE THE MATERIAL.
- SEEDING FOR PERMANENT EROSION CONTROL SHALL BE PERFORMED ON ALL DISTURBED AREAS AS FOLLOWS:
  - ALL DISTURBED AREAS SHALL BE RESTORED AS NOTED BELOW.
  - A MINIMUM OF 4" OF TOPSOIL SHALL BE PLACED IN ALL DRAINAGE CHANNELS (EXCEPT ROCK) AND BETWEEN THE CURB AND R.O.W. LINE.
  - THE CONTRACTOR SHALL HYDROMULCH OR SOD ALL EXPOSED CUTS AND FILLS UPON COMPLETION OF CONSTRUCTION EXCEPT WHERE CUTS ARE MADE IN "SOLID ROCK".
  - THE SEEDING FOR EROSION CONTROL SHALL BE APPLIED OVER AREAS DISTURBED BY CONSTRUCTION AS FOLLOWS:
    - FROM OCTOBER 2 TO APRIL 30, SEEDING SHALL BE WITH WINTER RYE AT A RATE OF 6 POUNDS PER 1,000 SQUARE FEET OF HULLED WINTER RYE WITH A PURITY OF 98% WITH 90% GERMINATION.
    - FROM APRIL 30 TO OCTOBER 1, SEEDING SHALL BE WITH HULLED BERMUDA GRASS (CYNODEN DACTOLYN) AT A RATE OF 4 POUNDS PER 1,000 SQUARE FEET WITH A PURITY OF 98% WITH 85% GERMINATION.
    - FERTILIZER SHALL HAVE AN ANALYSIS OF 31-3-10 AND SHALL BE APPLIED AT THE RATE OF 140 POUNDS PER ACRE.
    - THE PLANTED AREA SHALL BE IRRIGATED OR SPRINKLED IN A MANNER THAT WILL NOT ERODE THE TOPSOIL, BUT WILL SUFFICIENTLY SOAK THE SOIL TO A DEPTH OF SIX (6) INCHES. THE IRRIGATION SHALL OCCUR AT 10-DAY INTERVALS DURING THE FIRST TWO MONTHS. RAINFALL OCCURRENCES OF 1/2 INCH OR GREATER SHALL POSTPONE THE WATER SCHEDULE ONE WEEK.
    - MULCH TYPE USED SHALL BE WOOD CELLULOSE FIBER MULCH, APPLIED AT A RATE OF 75 POUNDS PER 1,000 SQUARE FEET.
    - RESTORATION SHALL BE ACCEPTABLE WHEN THE GRASS HAS GROWN TO AT LEAST 1-1/2" HIGH WITH 95% COVERAGE. PROVIDED NO BARE SPOTS LARGER THAN SIXTEEN (16) SQUARE FEET EXIST.
- THE NAME AND PHONE NUMBER OF THE DESIGNATED REPRESENTATIVE FOR THE OWNER/ENGINEER WHO WILL HAVE THE AUTHORITY TO MAKE APPROPRIATE CHANGES TO THE SEDIMENTATION/EROSION CONTROL PLAN, IF IT IS DISCOVERED TO BE INADEQUATE:
 

BURY & PITTMAN D.F.W., INC. 214-991-0011  
ENGINEER PHONE NUMBER
- CONSTRUCTION MANAGEMENT CORP. 214-702-7585  
FIRM NAME PHONE NUMBER
- SEQUENCE OF CONSTRUCTION:
  - INSTALL EROSION CONTROLS AS INDICATED ON APPROVED SITE PLAN.
  - INSTALL TREE PROTECTION.
  - EVALUATION OF TEMPORARY EROSION CONTROL INSTALLATION. REVIEW CONSTRUCTION SCHEDULE WITH THE WATER QUALITY PLAN REQUIREMENTS AND THE EROSION CONTROL PLAN.
  - BEGIN SITE CLEARING.
  - ROUGH GRADE SITE. INSPECT AND MAINTAIN ALL CONTROLS AS PER GENERAL NOTES.
  - CONSTRUCT SITE UTILITIES.
  - MID-CONSTRUCTION ON-SITE MEETING TO COORDINATE CHANGES IN CONSTRUCTION SCHEDULE AND EVALUATE EFFECTIVENESS OF EROSION CONTROL PLAN. IDENTIFY ANTICIPATED COMPLETION DATE AND COORDINATE FINAL CONSTRUCTION SEQUENCE AND INSPECTION SCHEDULE.
  - CONSTRUCT PAVING, PARKING AND BUILDINGS.
  - COMPLETE CONSTRUCTION AND INSTALL LANDSCAPING.
  - RECEIVE OPERATING PERMIT AND CITY CLEARANCE FOR OCCUPANCY.
  - REMOVE TEMPORARY EROSION/SEDIMENTATION CONTROLS.
- ENGINEER'S NAME, ADDRESS AND TELEPHONE NUMBER:
 

BURY & PITTMAN D.F.W., INC.  
5310 HARVEST HILL ROAD  
SUITE 100  
DALLAS, TEXAS 75230  
214-991-0011
- ANY TEMPORARY SPOILS STOCKPILE MUST BE LOCATED WITHIN THE PROPOSED PARKING AREAS OUTSIDE OF ANY TREE DRIPLINES. ALL EXCESS MATERIAL WILL BE DISPOSED OF OFF SITE. CONTRACTOR SHALL NOT DISPOSE OF SURPLUS MATERIAL FROM THE SITE WITHOUT NOTIFYING THE INSPECTOR 48 HOURS PRIOR TO THE REMOVAL. THIS NOTIFICATION SHALL INCLUDE THE DISPOSAL LOCATION.
- CONTRACTOR IS RESPONSIBLE FOR DEMOLITION OF ANY AND ALL EXISTING BUILDINGS/STRUCTURES ON SITE AND UTILITY RELOCATION WORK.
- PROVIDE CURB AND GUTTER THROUGHOUT THE SITE EXCEPT AS NOTED ON THE PLANS.
- ALL STORM SEWER PIPE SHALL BE CLASS III RCP OR SMOOTH-RIB (SPIRAL RIB) CORRUGATED METAL PIPE WITH REINFORCEMENT STRIPS OR SMOOTH LINED CORRUGATED POLY-ETHYLENE (HANCOR HI-0) PIPE OR APPROVED EQUIVALENT.

**EXCEPT AS NOTED OTHERWISE:**

- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "STANDARD SPECIFICATION FOR PUBLIC WORKS CONSTRUCTION".
  - ALL AREAS DISTURBED BY CONSTRUCTION SHALL BE RESTORED AND GRADED TO DRAIN.
  - ALL DEBRIS AND EXCESS MATERIAL SHALL BE REMOVED FROM THE SITE IN A MANNER NOT TO DAMAGE PRIOR TO ACCEPTANCE OF THE PROJECT.
  - ALL FILL MATERIAL PROVIDED SHALL BE APPROVED BY THE ENGINEER PRIOR TO PLACING AND COMPACTING. THE PLASTICITY INDEX MUST BE LESS THAN 15.
  - ALL CONCRETE SHALL HAVE A COMPRESSIVE STRENGTH OF 3000 PSI AT 28 DAYS.
  - ALL REINFORCING STEEL SHALL BE ASTM A615, GRADE 40.
  - LAP ALL BAR SPLICES 24 BAR DIAMETERS OR 24 INCHES.
  - CONCRETE RIP RAP TO BE 4 1/2" THICK CONCRETE WITH #3'S @ 12" O.C.E.W.
  - PROVIDE CONCRETE EXPANSION JOINTS AT 40 FEET O.C. ON ALL RIP RAP.
  - PROVIDE A MINIMUM CLEARANCE OF 2" BETWEEN OUTSIDE OF STEEL AND FACE OF CONCRETE.
  - ALL CONCRETE WORK SHALL CONFORM TO ALL APPLICABLE REQUIREMENTS OF ACI 301-72.
  - ALL EXPOSED CORNERS FOR CONCRETE WORK SHALL BE CHAMFERED 1".
  - THE INFORMATION CONTAINED ON THESE DRAWINGS IN REGARDS TO EXISTING UTILITIES, TOPOGRAPHY, CONTOURS, HYDROGRAPHY, OR SUBSURFACE CONDITIONS IS FURNISHED SOLELY AS THE BEST INFORMATION AVAILABLE AT THIS TIME. ITS ACCURACY IS NOT GUARANTEED AND ITS USE IN NO WAY RELIEVES THE CONTRACTOR OF ANY RESPONSIBILITY FOR LOSSES DUE TO ANY INACCURACIES.
  - ALL REQUIRED RELOCATIONS OR ALTERATIONS OF TELEPHONE POLES, UNDERGROUND CONDUIT, POWER POLES, AND ANY OTHER FACILITIES SHALL BE DONE BY THIS CONTRACTOR. THIS CONTRACTOR SHALL SCHEDULE AND COORDINATE HIS WORK WITH THAT OF OTHER CONTRACTORS AND UTILITY COMPANIES SO AS NOT TO DELAY THE PROJECT.
  - THE STANDARD CONSTRUCTION SPECIFICATIONS OF THE GOVERNING AGENCY PUBLIC WORKS DEPARTMENT SHALL GOVERN MATERIALS AND METHODS USED TO DO THIS WORK. ANY REVISIONS MADE AFTER BIDDING WILL NOT APPLY UNLESS A CHANGE ORDER IS EXCEPTED IN WRITING.
  - THE CONTRACTOR SHALL CONTACT ALL UTILITY COMPANIES FOR EXISTING UTILITY LOCATIONS, AND VERIFY ALIGNMENT AND GRADE, PRIOR TO CONSTRUCTION. ANY DISCREPANCIES SHALL BE REPORTED TO THE ENGINEER PRIOR TO BEGINNING CONSTRUCTION.
  - ALL "TRASH COLLECTION FOR THIS SITE WILL BE PERFORMED BY PRIVATE CONTRACTOR.
- WATER AND WASTEWATER UTILITY CONSTRUCTION NOTES**
- THE CITY STANDARD CONSTRUCTION SPECIFICATIONS CURRENT AT THE TIME OF BIDDING SHALL GOVERN MATERIAL AND METHODS USED TO DO THIS WORK.
  - CONTRACTOR MUST OBTAIN A STREET CUT PERMIT FROM ENGINEERING DIVISION BEFORE BEGINNING CONSTRUCTION WITHIN THE RIGHT-OF-WAY OF A PUBLIC STREET OR ALLEY.
  - AT LEAST FORTY-EIGHT (48) HOURS BEFORE BEGINNING ANY WATER AND WASTEWATER CONSTRUCTION IN PUBLIC R.O.W. OR PUBLIC EASEMENT, THE CONTRACTOR SHALL NOTIFY THE TOWN OF ADDISON ENGINEERING DIVISION FOR MAIN LINE CONSTRUCTION, OR WATER AND WASTEWATER UTILITY TAPS INSPECTION FOR TAPS ONLY CONSTRUCTION.
  - THE CONTRACTOR SHALL CONTACT THE ADDISON AREA UTILITY COMPANIES FOR EXISTING UTILITY LOCATIONS PRIOR TO ANY EXCAVATION. IN ADVANCE OF CONSTRUCTION, THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL UTILITIES TO BE EXTENDED, TIED TO, OR ALTERED, OR SUBJECT TO DAMAGE/INCONVENIENCE BY THE CONSTRUCTION OPERATIONS.
  - CONTRACT DOCUMENTS MUST INCLUDE A TRENCH SAFETY PLAN AND A PAY ITEM FOR TRENCH SAFETY MEASURES, IN COMPLIANCE WITH TEXAS HOUSE BILL 1569.
  - ALL MATERIALS TESTS, INCLUDING SOIL DENSITY TESTS AND RELATED SOIL ANALYSIS, SHALL BE ACCOMPLISHED BY AN INDEPENDENT LABORATORY FUNDED BY THE CONTRACTOR.
  - THRUST RESTRAINT SHALL BE IN ACCORDANCE WITH CITY STANDARD SPECIFICATION.
  - FIRE HYDRANTS SHALL BE SET IN ACCORDANCE WITH CITY STANDARD SPECIFICATION.
  - WATER LINE TESTING AND STERILIZATION SHALL BE PERFORMED IN ACCORDANCE WITH CITY STANDARD SPECIFICATION.

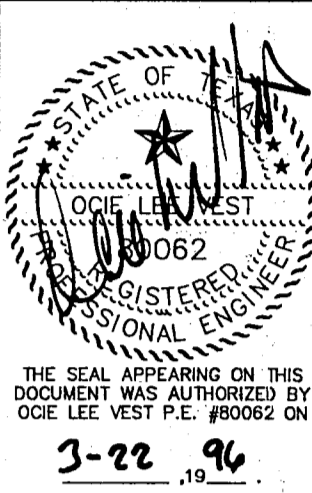
**NOTES:**

- ALL FIRE LINE PIPE SHALL BE C900 PVC CLASS 200 (D.R. 14) OR CLASS 50 D.I. PIPE. ALL DOMESTIC WATER PIPE SHALL BE SCH. 40 PVC.
- FIRE SPRINKLER SYSTEM UNDERGROUND PIPING SHALL BE PERMITTED THROUGH FIRE PREVENTION BY A LICENSED CONTRACTOR.
- ALL WASTEWATER PIPE SHALL BE SDR 35 PVC, OR PRESSURE RATED PIPE WHERE REQUIRED.
- STAMP FIRE SPRINKLER PADS "F.D." OR PAINT PAD RED.
- ALL PRIVATE WATER AND WASTEWATER LINES WILL COMPLY WITH THE UNIFORM PLUMBING CODE.
- ALL PRIVATE FIRE SPRINKLER LINES WILL COMPLY WITH NFPA-24 REQUIREMENTS.
- THE TOP OF PROPOSED MANHOLES SHALL MATCH THE FINISHED GRADE ELEVATIONS AND TWO FEET ABOVE 100 YEAR WATER SURFACE ELEVATION.
- SEE MECHANICAL FOR EXACT LOCATION OF WATER AND WASTEWATER ELEVATIONS.
- ALL BACKFLOW DEVICES WILL CARRY A MANUFACTURER RATING NOT TO EXCEED A 7 P.S.I. PRESSURE DROP THROUGH BACKFLOW DEVICE APPROVED BY THE CITY OF ADDISON.
- ALL BACKFLOW DEVICES WILL BE LOCATED WITHIN THE BUILDING SHELL, UNLESS SHOWN ELSEWHERE. A DOUBLE CHECK DETECTOR CHECK VALVE WILL BE PLACED ON FIRE LINE TAPS TO THE CITY MAIN.
- ALL ON-SITE WATER AND WASTEWATER LINES WILL BE EXTENDED TO A MINIMUM OF 5 FEET FROM THE BUILDING.
- CONCRETE ENCASE ALL WATER LINES THAT CROSS WITHIN 1.5 FEET OF WASTEWATER LINE.
- PROVIDE CLEAN-OUTS ON WASTEWATER LINE PER TOWN OF ADDISON STANDARDS.
- EXTEND ALL EXISTING UTILITY MANHOLES, BOXES, COVERS, ETC. TO PROPOSED FINISH GRADE, UNLESS APPROVED OTHERWISE.

**TEXAS WATER COMMISSION NOTES**

- THE PLANS ARE IN ACCORDANCE WITH:
    - LOCAL CITY SPECIFICATIONS.
    - TEXAS DEPARTMENT OF HEALTH'S DESIGN CRITERIA FOR SEWERAGE SYSTEMS.
  - ALL MANHOLES SHALL BE CONSTRUCTED WITH WATER TIGHT RINGS AND COVERS (WITH VENTING EVERY FOURTH MANHOLE IF WITHIN 100 YEAR FLOOD PLAIN) - 31 TAC 313.5 (C)(1).
  - ALL SEWER PIPES SHALL HAVE COMPRESSION OR MECHANICAL JOINTS 31 TAC 313.5 (C)(2)(ii).
  - A MANDREL TEST WILL NOT BE PERFORMED UNTIL BACKFILL HAS BEEN IN PLACE FOR A MINIMUM OF 30 DAYS - 31 TAC 313.5(C)(10)(A).
  - ALL MANHOLES AND WET WELLS MUST BE TESTED SEPARATELY AND INDEPENDENTLY OF THE COLLECTION LINES - 31 TAC 313.5(C)(10)(C).
- TAC 313.5(C)(10) TESTING**
- TESTING NEW GRAVITY SEWER LINES. FOR ALL NEW GRAVITY SEWER PIPE HAVING A DIAMETER GREATER THAN OR EQUAL TO SIX (6) INCHES ON THE RECHARGE ZONE, THE FOLLOWING REQUIREMENTS SHALL APPLY:
- IN-PLACE DEFLECTION TESTS MUST BE PERFORMED ON ALL FLEXIBLE AND SEMI-RIGID PIPES. THE TEST MUST CONSIST OF PULLING A RIGID BALL OR A MANDREL SIZED AT 85% OF THE INSIDE DIAMETER OF THE PIPE FROM THE MANHOLE TO MANHOLE. THE TEST MUST BE CONDUCTED AFTER THE FINAL BACKFILL HAS BEEN IN PLACE AT LEAST 30 DAYS. NO PIPE MAY EXCEED A DEFLECTION OF 5.0%. THE TEST MUST BE PERFORMED WITHOUT MECHANICAL PULLING DEVICES.
  - AN INFILTRATION AND/OR EXFILTRATION AND/OR LOW-PRESSURE AIR TEST MUST BE PERFORMED, AND THE TYPE OF TEST MUST BE SPECIFIED IN THE DESIGN PLANS. COPIES OF ALL TEST RESULTS MUST BE SUBMITTED TO THE APPROPRIATE DISTRICT OFFICE WITHIN 30 DAYS OF TEST COMPLETION. TESTS SHALL CONFORM TO THE FOLLOWING REQUIREMENTS:
    - THE TOTAL INFILTRATION OR EXFILTRATION, AS DETERMINED BY WATER TEST, MUST BE AT A RATE NOT GREATER THAN 50 GALLONS PER INCH OF PIPE DIAMETER PER MILE OF PIPE PER HOUR AT A MINIMUM TEST HEAD OF TWO FEET. IF THE QUANTITY OF INFILTRATION OR EXFILTRATION EXCEEDS THE MAXIMUM QUANTITY SPECIFIED, REMEDIAL ACTION MUST BE UNDERTAKEN IN ORDER TO REDUCE THE INFILTRATION OR EXFILTRATION TO AN AMOUNT WITH THE LIMITS SPECIFIED.
    - LOW-PRESSURE AIR TESTS MUST CONFORM TO THE PROCEDURE DESCRIBED IN ASTM C-924 OR OTHER EQUIVALENT PROCEDURES. FOR SAFETY REASONS, IT IS RECOMMENDED THAT AIR TESTING OF SECTIONS OF PIPE BE LIMITED TO LINES LESS THAN 36-INCH AVERAGE INSIDE DIAMETER. LINES THAT ARE 36-INCH AVERAGE INSIDE DIAMETER AND LARGER MAY BE AIR TESTED AT EACH JOINT. THE MINIMUM TIME ALLOWABLE FOR THE PRESSURE TO DROP FROM 3.5 POUNDS PER SQUARE INCH GAUGE DURING A JOINT TEST, REGARDLESS OF PIPE SIZE, SHALL BE 20 SECONDS. FOR SECTIONS OF PIPE LESS THAN 36-INCH AVERAGE INSIDE DIAMETER, THE MINIMUM TIME ALLOWABLE FOR THE PRESSURE TO DROP FROM 3.5 POUNDS PER SQUARE INCH GAUGE TO 2.5 POUNDS PER SQUARE INCH GAUGE MUST BE COMPUTED BY THE FOLLOWING EQUATION:
 
$$T = \frac{0.0850(D)(K)(Q)}{L}$$
 WHERE:  
 T = TIME FOR PRESSURE TO DROP 1.0 POUNDS PER SQUARE INCH GAUGE IN SECONDS;  
 K = 0.00049(D)(L), BUT NOT LESS THAN 1.0;  
 D = AVERAGE INSIDE DIAMETER IN INCHES;  
 L = LENGTH OF LINE OF SAME PIPE SIZE IN FEET; AND  
 Q = RATE OF LOSS, ASSUME 0.003 CUBIC FEET PER MINUTE PER SQUARE FOOT (FT<sup>2</sup>/MIN/FT<sup>2</sup> SQ) OF INTERNAL SURFACE AREA.
- MANHOLES AND WET WELLS MUST BE TESTED SEPARATELY AND INDEPENDENTLY OF THE COLLECTION LINES. ALL MANHOLES MUST BE HYDROSTATICALLY TESTED WITH A MAXIMUM LOSS ALLOWANCE OF .025 GALLON PER FOOT DIAMETER PER FOOT OF HEAD PER HOUR. OTHER TESTING METHODS, SUCH AS VACUUM TESTING, MAY BE APPROVED ON A CASE-BY-CASE BASIS BY THE EXECUTIVE DIRECTOR.
- EMBEDMENT MATERIALS MUST MEET OR EXCEED THE SPECIFICATION FOR BEDDING CLASS A OR B AS DESCRIBED IN ASTM C 12, OR CLASS I OR II AS DESCRIBED IN ASTM D 2321, AND SPECIFICATIONS AS CONTAINED IN CHAPTER 317 OF THIS TITLE (RELATING TO DESIGN CRITERIA FOR SEWERAGE SYSTEMS).
- PROVIDE 4 FOOT MINIMUM COVER FOR ALL WASTEWATER GRAVITY AND FORCE MAIN LINES.
- PROVIDE 6 INCH MINIMUM SEPARATION BETWEEN ALL WATER AND WASTEWATER LINE CROSSINGS.
- ALL PIPE AND JOINTS SHALL HAVE MINIMUM PRESSURE RATING OF 150 PSI.

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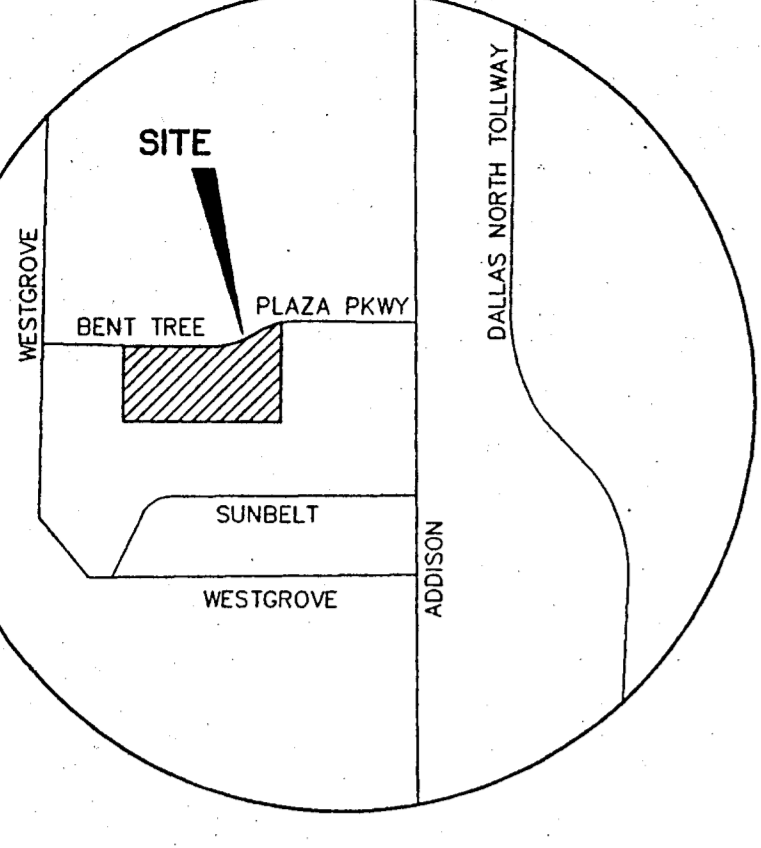


3-22-96

**GENERAL NOTES**

**EXCEL TELECOMMUNICATIONS WAREHOUSE**  
A DEVELOPMENT OF  
**WILCOX/CMC ADDISON, INC.**

Scale: N.T.S. Date: 02/22/96  
Type: Drawn by: C.D.R.  
Xref: NONE  
File: 02702GNA.DWG  
Approved by: O.L.V.  
Project No.: 3027-02



VICINITY MAP  
N.T.S.

**FIELDNOTE DESCRIPTION**  
OF A 11.163 ACRES (426.266 SQ. FT.) TRACT OF LAND OUT OF THE WILLIAM LOMAX SURVEY ABSTRACT NO. 792, SITUATED IN THE TOWN OF ADDISON, DALLAS COUNTY, TEXAS BEING ALL OF THAT CERTAIN 5.851 ACRE TRACT CONVEYED TO EXCEL TELECOMMUNICATIONS HOLDINGS, INC. BY DEED OF RECORD IN VOLUME 96008, PAGE 34 OF THE DEED RECORDS OF DALLAS COUNTY, TEXAS, AND ALL OF THAT 5.312 ACRE TRACT CONVEYED TO EXCEL TELECOMMUNICATIONS HOLDINGS, INC. BY DEED OF RECORD IN VOLUME 96008, PAGE 34 OF SAID DEED RECORDS, ALSO BEING A PORTION OF LOT 3 AND LOT 4 BLOCK "B" AND A PORTION OF LOT 21 AND LOT 22 BLOCK "A" CARROLL ESTATES, A SUBDIVISION OF RECORD IN VOLUME 10, PAGE 473 OF THE MAP RECORDS OF DALLAS COUNTY, TEXAS; SAID 11.163 ACRES BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING, A CONCRETE MONUMENT SET IN THE CURVING SOUTH LINE OF BENT TREE PLAZA PARKWAY (80' R.O.W.), FOR THE NORTHEAST CORNER OF SAID 5.851 ACRES, SAME BEING THE NORTHWEST CORNER OF THAT CERTAIN 12.424 ACRES CONVEYED TO EXCEL TELECOMMUNICATIONS HOLDINGS, INC. BY DEED OF RECORD IN VOLUME 96008, PAGE 34 OF SAID DEED RECORDS FOR THE NORTHEAST CORNER HEREOF, AND FROM WHICH A 1/2 INCH IRON ROD FOUND FOR THE POINT OF TANGENCY OF THE SOUTH LINE OF BENT TREE PLAZA PARKWAY BEARS ALONG A CURVE TO THE RIGHT HAVING A RADIUS OF 460.00 FEET, A CENTRAL ANGLE OF 15°36'54", AN ARC DISTANCE OF 125.37 FEET, AND A CHORD WHICH BEARS N82°24'49"E, A DISTANCE OF 124.98 FEET;

THENCE, S00°15'15"E, LEAVING THE SOUTH LINE OF BENT TREE PLAZA PARKWAY, ALONG THE COMMON LINE OF SAID 12.424 ACRE TRACT AND SAID 5.851 ACRE TRACT, A DISTANCE OF 611.44 FEET TO A CONCRETE MONUMENT SET IN THE NORTH LINE OF TRACT 13 BLOCK "B" SUNBELT BUSINESS PARK - TRACT 13, A SUBDIVISION OF RECORD IN VOLUME 79227, PAGE 1510 OF SAID DEED RECORDS FOR THE SOUTHEAST CORNER HEREOF, AND FROM WHICH A 1/2 INCH IRON ROD FOUND IN THE WEST LINE OF ADDISON ROAD (60' R.O.W.) BEING THE SOUTHEAST CORNER OF SAID 12.424 ACRE TRACT BEARS S89°59'00"E, A DISTANCE OF 864.42 FEET;

THENCE, N89°59'00"W, PASSING AT A DISTANCE OF 26.95 FEET A 1/2 INCH IRON ROD FOUND FOR THE COMMON NORTH CORNER OF SAID TRACT 13 AND TRACT 8 BLOCK "B" SUNBELT BUSINESS PARK - TRACT 8, A SUBDIVISION OF RECORD IN VOLUME 79179, PAGE 1478 OF SAID DEED RECORDS, AND AGAIN PASSING AT A DISTANCE OF 426.68 A CUT "X" IN CONCRETE FOUND FOR THE COMMON NORTH CORNER OF TRACT 7 BLOCK "B" SUNBELT BUSINESS PARK - TRACT 7, A SUBDIVISION OF RECORD IN VOLUME 79179, PAGE 1470 OF SAID DEED RECORDS AND THAT CERTAIN 0.7622 ACRE TRACT CONVEYED TO DRYBERN, LTD. BY DEED OF RECORD IN VOLUME 95234, PAGE 1292 OF SAID DEED RECORDS, AND AGAIN PASSING AT A DISTANCE OF 592.94 FEET A 1/2 INCH IRON ROD FOUND FOR THE COMMON NORTH CORNER OF SAID DRYBERN, LTD. TRACT AND THE REMAINDER OF 1.6164 ACRES CONVEYED TO SUNBELT DEVELOPMENT COMPANY, LTD. BY DEED OF RECORD IN VOLUME 83240, PAGE 5601 OF SAID DEED RECORDS AND CONTINUING FOR A TOTAL DISTANCE OF 891.00 FEET TO A CONCRETE MONUMENT SET FOR THE SOUTHWEST CORNER OF SAID 5.312 ACRE EXCEL TRACT, SAME BEING THE SOUTHEAST CORNER OF THE REMAINDER OF TRACT II CONVEYED TO FM PROPERTIES OPERATING COMPANY BY DEED OF RECORD IN VOLUME 92115, PAGE 4018 OF SAID DEED RECORDS, BEING IN THE NORTH LINE OF THAT CERTAIN TRACT 14 CONVEYED TO SUNBELT DEVELOPMENT COMPANY, LTD. BY DEED OF RECORD IN VOLUME 83240, PAGE 5601 OF SAID DEED RECORDS FOR THE SOUTHWEST CORNER HEREOF;

THENCE, N00°01'00"E, LEAVING THE NORTH LINE OF SAID TRACT 14, ALONG THE COMMON LINE OF SAID 5.312 ACRE TRACT AND SAID FM PROPERTIES REMAINDER TRACT, A DISTANCE OF 467.55 FEET TO A CONCRETE MONUMENT SET IN THE SOUTH LINE OF BENT TREE PLAZA PARKWAY FOR THE COMMON NORTH CORNER OF SAID 5.312 ACRE TRACT AND SAID FM PROPERTIES REMAINDER TRACT;

THENCE, ALONG THE SOUTH LINE OF BENT TREE PLAZA PARKWAY, SAME BEING THE NORTH LINE OF SAID 5.312 ACRE TRACT AND SAID 5.851 ACRE TRACT, THE FOLLOWING THREE (3) COURSES AND DISTANCES:

- 1) S89°59'00"E, A DISTANCE OF 567.10 FEET TO A 1/2 INCH IRON ROD FOUND FOR THE POINT OF CURVATURE OF A CURVE TO THE LEFT;
- 2) ALONG SAID CURVE TO THE LEFT HAVING A RADIUS OF 540.00 FEET, A CENTRAL ANGLE OF 32°54'17", AN ARC DISTANCE OF 310.12 FEET, AND A CHORD WHICH BEARS N73°33'31"E, A DISTANCE OF 305.88 FEET TO A 1/2 INCH IRON ROD FOUND FOR THE POINT OF REVERSE CURVATURE OF A CURVE TO THE RIGHT;
- 3) ALONG SAID REVERSE CURVE TO THE RIGHT HAVING A RADIUS OF 460.00 FEET, A CENTRAL ANGLE OF 17°29'39", AN ARC DISTANCE OF 140.45 FEET, AND A CHORD WHICH BEARS N65°51'32"E, A DISTANCE OF 139.91 FEET TO THE POINT OF BEGINNING, CONTAINING AN AREA OF 11.163 ACRES (426.266 SQ. FT.) OF LAND, MORE OR LESS, WITHIN THESE METES AND BOUNDS;

**SURVEYOR CERTIFICATION**  
KNOW ALL MEN BY THESE PRESENTS :

THAT I, JOHN T. BILNOSKI, A REGISTERED PROFESSIONAL LAND SURVEYOR IN THE STATE OF TEXAS, DO HEREBY CERTIFY THAT I HAVE PREPARED THIS PLAT FROM AN ACTUAL ON THE GROUND SURVEY OF THE LAND, AND THE MONUMENTS SHOWN THEREON WERE FOUND AND/OR PLACED UNDER MY PERSONAL SUPERVISION IN ACCORDANCE WITH THE PLATTING RULES AND REGULATIONS OF THE PLANNING AND ZONING COMMISSION OF THE TOWN OF ADDISON, TEXAS.

JOHN T. BILNOSKI  
REGISTERED PROFESSIONAL LAND SURVEYOR NO. 4998

STATE OF TEXAS  
COUNTY OF TRAVIS

BEFORE ME, THE UNDERSIGNED AUTHORITY, ON THIS DAY PERSONALLY APPEARED JOHN T. BILNOSKI, KNOWN TO ME TO BE THE PERSON WHOSE NAME IS SUBSCRIBED TO THE ABOVE AND FOREGOING INSTRUMENT, AND ACKNOWLEDGED TO ME THAT HE EXECUTED THE SAME FOR THE PURPOSES AND CONSIDERATION EXPRESSED AND IN THE CAPACITY THEREIN STATED.

GIVEN UNDER MY HAND AND SEAL OF OFFICE ON THIS THE \_\_\_\_\_ DAY OF \_\_\_\_\_, 1996.

NOTARY PUBLIC IN AND FOR THE STATE OF TEXAS      EXPIRATION \_\_\_\_\_

NOW, THEREFORE, KNOW ALL MEN BY THESE PRESENTS:

THAT EXCEL TELECOMMUNICATIONS HOLDINGS, INC. ("OWNER") DOES HEREBY ADOPT THIS PLAT DESIGNATING THE HEREIN-ABOVE PROPERTY AS "EXCEL-PHASE 2" AN ADDITION TO THE TOWN OF ADDISON, TEXAS AND, SUBJECT TO THE CONDITIONS, RESTRICTIONS AND RESERVATIONS STATED HEREINAFTER, OWNER DEDICATES TO THE PUBLIC USE FOREVER THE STREETS AND ALLEYS SHOWN THEREON.

THE EASEMENTS SHOWN ON THIS PLAT ARE HEREBY RESERVED FOR THE PURPOSES AS INDICATED, INCLUDING, BUT NOT LIMITED TO, THE INSTALLATION AND MAINTENANCE OF WATER, SANITARY SEWER, STORM SEWER, DRAINAGE, ELECTRIC, TELEPHONE, GAS AND CABLE TELEVISION. OWNER SHALL HAVE THE RIGHT TO USE THESE EASEMENTS, PROVIDED HOWEVER, THAT IT DOES NOT UNREASONABLY INTERFERE OR IMPEDE WITH THE PROVISION OF THE SERVICES TO OTHERS. SAID UTILITY EASEMENTS ARE HEREBY RESERVED BY MUTUAL USE AND ACCOMMODATION OF ALL PUBLIC UTILITIES USING OR DESIRING TO USE THE SAME. AN EXPRESS EASEMENT OF INGRESS AND EGRESS IS HEREBY EXPRESSLY GRANTED ON, OVER AND ACROSS ALL SUCH EASEMENTS FOR THE BENEFIT OF THE PROVIDER OF SERVICES FOR WHICH EASEMENTS ARE GRANTED.

ANY DRAINAGE AND FLOODWAY EASEMENT SHOWN HERE IS HEREBY DEDICATED TO THE PUBLIC'S USE FOREVER, BUT INCLUDING THE FOLLOWING COVENANTS WITH REGARD TO MAINTENANCE RESPONSIBILITIES. THE EXISTING CHANNELS OR CREEKS TRaversing THE DRAINAGE AND FLOODWAY EASEMENT WILL REMAIN AS AN OPEN CHANNEL, UNLESS REQUIRED TO BE ENCLOSED BY ORDINANCE, AT ALL TIMES AND SHALL BE MAINTAINED BY THE INDIVIDUAL OWNERS OF THE LOT OR LOTS THAT ARE TRAVERSED BY OR ADJACENT TO THE DRAINAGE AND FLOODWAY EASEMENT. THE CITY WILL NOT BE RESPONSIBLE FOR THE MAINTENANCE AND OPERATION OF SAID CREEK OR CREEKS OR FOR ANY DAMAGE OR INJURY OF PRIVATE PROPERTY OR PERSON THAT RESULTS FROM THE FLOW OF WATER ALONG SAID CREEK, OR FOR THE CONTROL OF EROSION. NO OBSTRUCTION TO THE NATURAL FLOW OF WATER RUN-OFF SHALL BE PERMITTED BY CONSTRUCTION OF ANY TYPE OF BUILDING, FENCE OR ANY OTHER STRUCTURE WITHIN THE DRAINAGE AND FLOODWAY EASEMENT. PROVIDED, HOWEVER, IT IS UNDERSTOOD THAT IN THE EVENT IT BECOMES NECESSARY FOR THE CITY TO CHANNELIZE OR CONSIDER ERECTING ANY TYPE OF DRAINAGE STRUCTURE IN ORDER TO IMPROVE THE STORM DRAINAGE, THEN IN SUCH EVENT, THE CITY SHALL HAVE THE RIGHT, BUT NOT THE OBLIGATION, TO ENTER UPON THE DRAINAGE AND FLOODWAY EASEMENT AT ANY POINT, OR POINTS, WITH ALL RIGHTS OF INGRESS AND EGRESS TO INVESTIGATE, SURVEY, ERECT, CONSTRUCT OR MAINTAIN ANY DRAINAGE FACILITY OF ITS RESPECTIVE SYSTEM OR SERVICE.

WATER MAIN AND SANITARY SEWER EASEMENTS SHALL ALSO INCLUDE ADDITIONAL AREA OF WORKING SPACE OF CONSTRUCTION AND MAINTENANCE OF THE SYSTEMS. ADDITIONAL EASEMENT AREA IS ALSO CONVEYED FOR INSTALLATION AND MAINTENANCE OF MANHOLES, CLEANOUTS, FIRE HYDRANTS, WATER SERVICE AND SEWER SERVICES FROM THE MAIN TO CURB OR PAVEMENT LINE, AND THE DESCRIPTIONS OF SUCH ADDITIONAL EASEMENTS HEREIN GRANTED SHALL BE DETERMINED BY THEIR LOCATIONS AS INSTALLED.

THIS PLAT IS APPROVED SUBJECT TO ALL PLATTING ORDINANCES, RULES, REGULATIONS AND RESOLUTIONS OF THE TOWN OF ADDISON, TEXAS.

KENNEY TROUT, PRESIDENT      DATE \_\_\_\_\_  
EXCEL TELECOMMUNICATIONS HOLDINGS, INC.

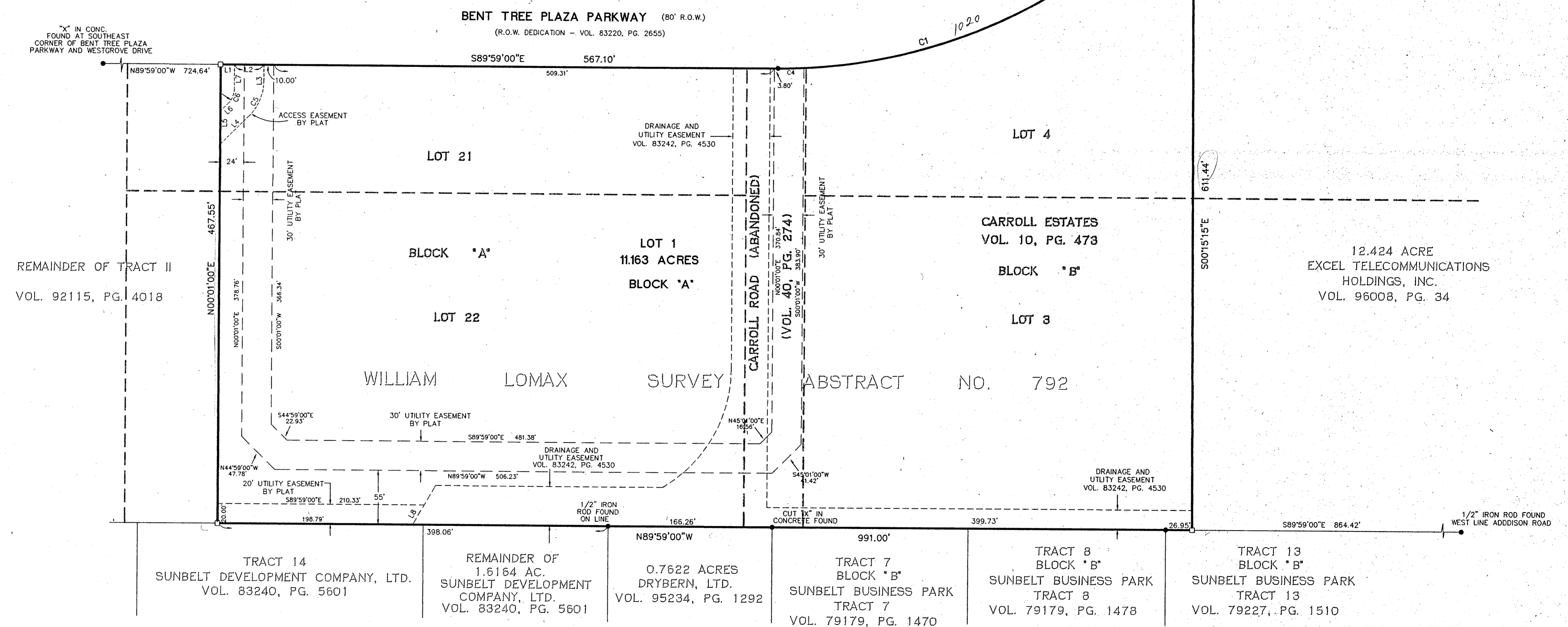
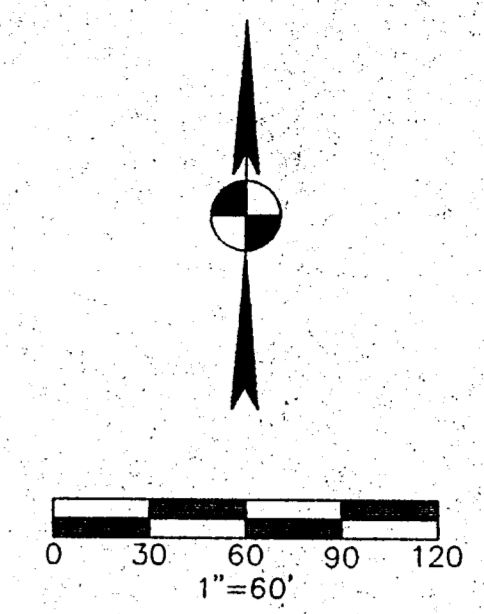
STATE OF TEXAS  
COUNTY OF DALLAS

BEFORE ME, THE UNDERSIGNED AUTHORITY, ON THIS DAY PERSONALLY APPEARED KENNEY TROUT, KNOWN TO ME TO BE THE PERSON WHOSE NAME IS SUBSCRIBED TO THE ABOVE AND FOREGOING INSTRUMENT, AND ACKNOWLEDGED TO ME THAT HE EXECUTED THE SAME FOR THE PURPOSES AND CONSIDERATION EXPRESSED AND IN THE CAPACITY THEREIN STATED.

GIVEN UNDER MY HAND AND SEAL OF OFFICE ON THIS THE \_\_\_\_\_ DAY OF \_\_\_\_\_, 1996.

NOTARY PUBLIC IN AND FOR THE STATE OF TEXAS      EXPIRATION \_\_\_\_\_

- LEGEND**
- 1/2" IRON ROD FOUND (UNLESS NOTED)
  - CONCRETE MONUMENT SET
  - 1/2" IRON ROD SET
  - P.O.B. POINT OF BEGINNING



**CURVE TABLE**

No.	Delta	Radius	Arc Length	Chord Length	Chord Bearing
C1	32°54'17"	540.00	310.12	305.88	N73°33'31"E
C2	17°29'39"	460.00	140.45	139.91	N65°51'32"E
C3	15°36'54"	460.00	125.37	124.98	N82°24'49"E
C4	02°46'53"	540.00	26.21	26.21	N88°37'34"E
C5	45°00'00"	50.00	39.27	28.27	S22°31'00"W
C6	45°00'00"	20.00	15.71	15.31	N22°31'00"E
C7	12°49'50"	460.00	103.01	102.79	N68°11'27"E

**EASEMENT LINE TABLE**

No.	Bearing	Distance
L1	S89°59'00"E	14.00'
L2	S89°59'00"E	30.00'
L3	S00°01'00"W	16.85'
L4	S45°01'00"W	41.52'
L5	N00°01'00"E	33.94'
L6	N45°01'00"E	11.52'
L7	N00°01'00"E	25.34'
L8	S30°01'00"W	23.09'
L9	S00°15'15"E	12.27'

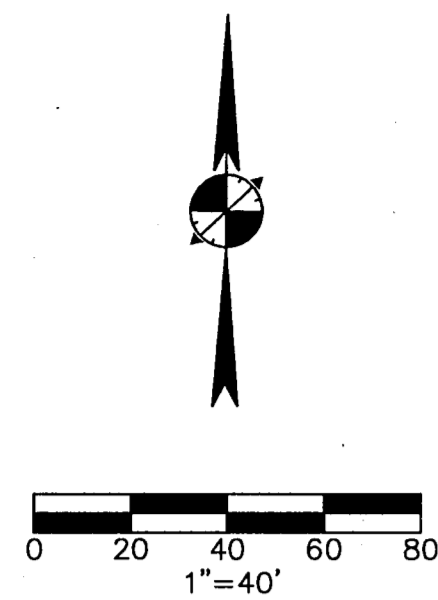
**GENERAL NOTES**

1) THE BASIS OF BEARINGS SHOWN HEREON IS BASED ON THE REFERENCED DEED BEARINGS (VOL. 96008, PG. 34). NO MATERIAL DISCREPANCIES WERE FOUND BETWEEN REFERENCED DEED INFORMATION AND FIELD MONUMENTATION.

FINAL REPLAT  
**EXCEL-PHASE 2**  
REPLAT OF A PORTION OF LOTS 21 AND 22 BLOCK "A",  
A PORTION OF LOTS 3 AND 4 BLOCK "B", AND  
A PORTION OF THE ABANDONED CARROLL ROAD,  
CARROLL ESTATES, VOLUME 10, PAGE 473  
WILLIAM LOMAX SURVEY ABSTRACT NO. 792  
TOWN OF ADDISON, DALLAS COUNTY, TEXAS  
MARCH 19, 1996

OWNER:  
EXCEL TELECOMMUNICATIONS, INC.  
C/O KENNEY TROUT  
9101 LBJ FREEWAY  
DALLAS, TEXAS 75243

SURVEYOR/ENGINEER:  
BURY & PITTMAN CONSULTING  
ENGINEERS AND SURVEYORS  
5310 HARVEST HILL, SUITE 100  
DALLAS, TEXAS 75230  
PH: 214-991-0011



**LEGEND**

- ⊙ EXISTING POWER POLE
- ⊙ EXISTING WATER VALVE
- ⊕ EXISTING FIRE HYDRANT
- ⊙ EXISTING LIGHT POLE
- 8" WW EXISTING WATERLINE
- 8" WW EXISTING WASTEWATER LINE
- 7 EXISTING UNDERGROUND TELEPHONE LINE
- 4" G EXISTING GAS MAIN
- LOT LINE

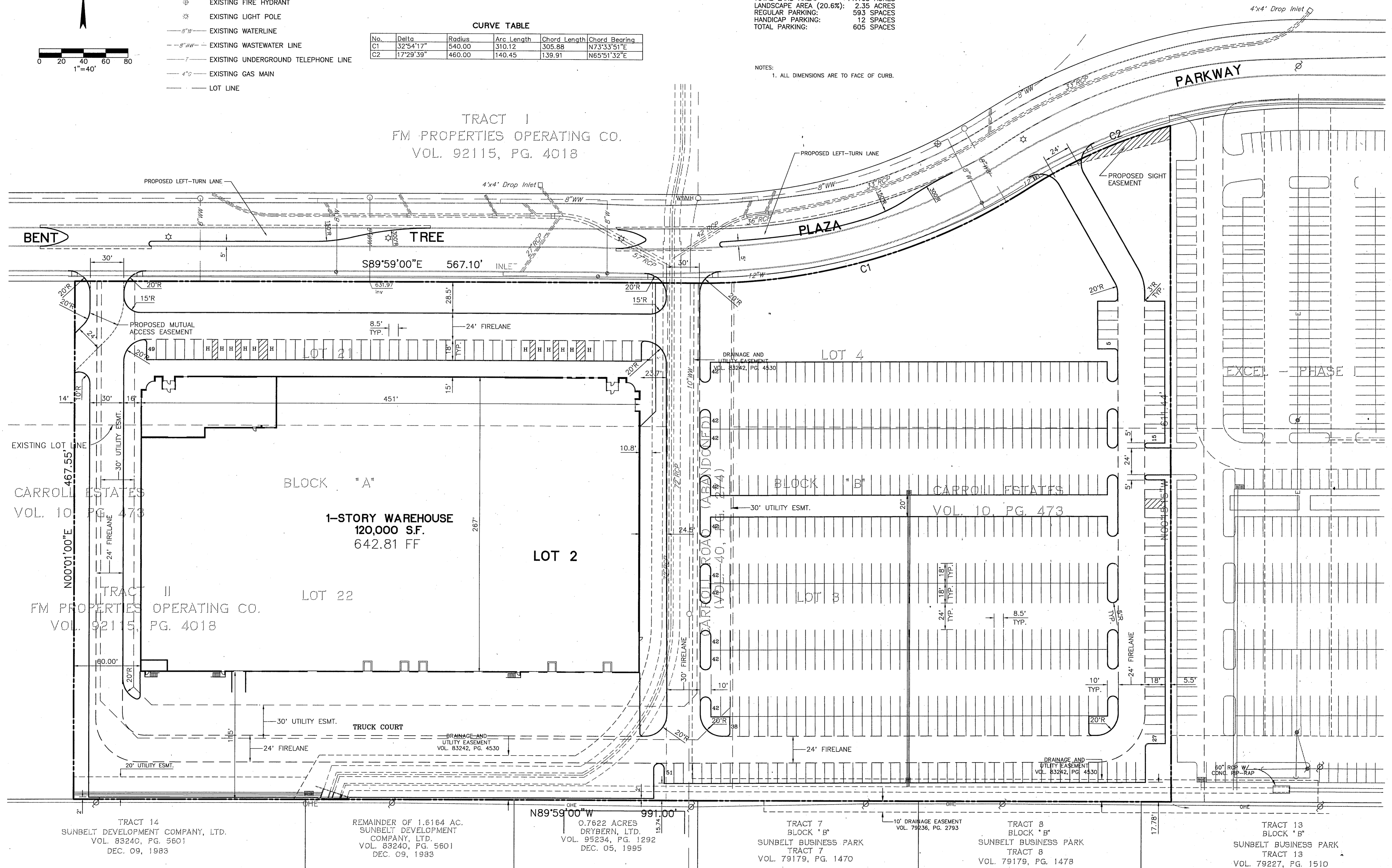
**CURVE TABLE**

No.	Delta	Radius	Arc Length	Chord Length	Chord Bearing
C1	32°54'17"	540.00	310.12	305.88	N73°33'51"E
C2	17°29'39"	460.00	140.45	139.91	N65°51'32"E

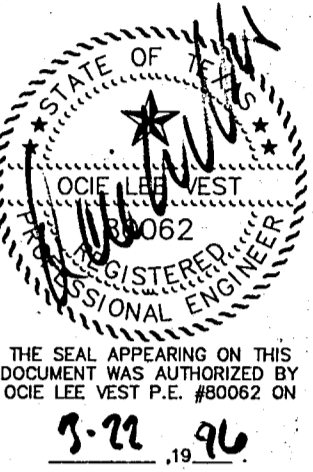
**LOT 2  
SITE AREA SUMMARY**

TOTAL LAND AREA: 11.163 ACRES  
 LANDSCAPE AREA (20.6%): 2.35 ACRES  
 REGULAR PARKING: 593 SPACES  
 HANDICAP PARKING: 12 SPACES  
 TOTAL PARKING: 605 SPACES

NOTES:  
 1. ALL DIMENSIONS ARE TO FACE OF CURB.



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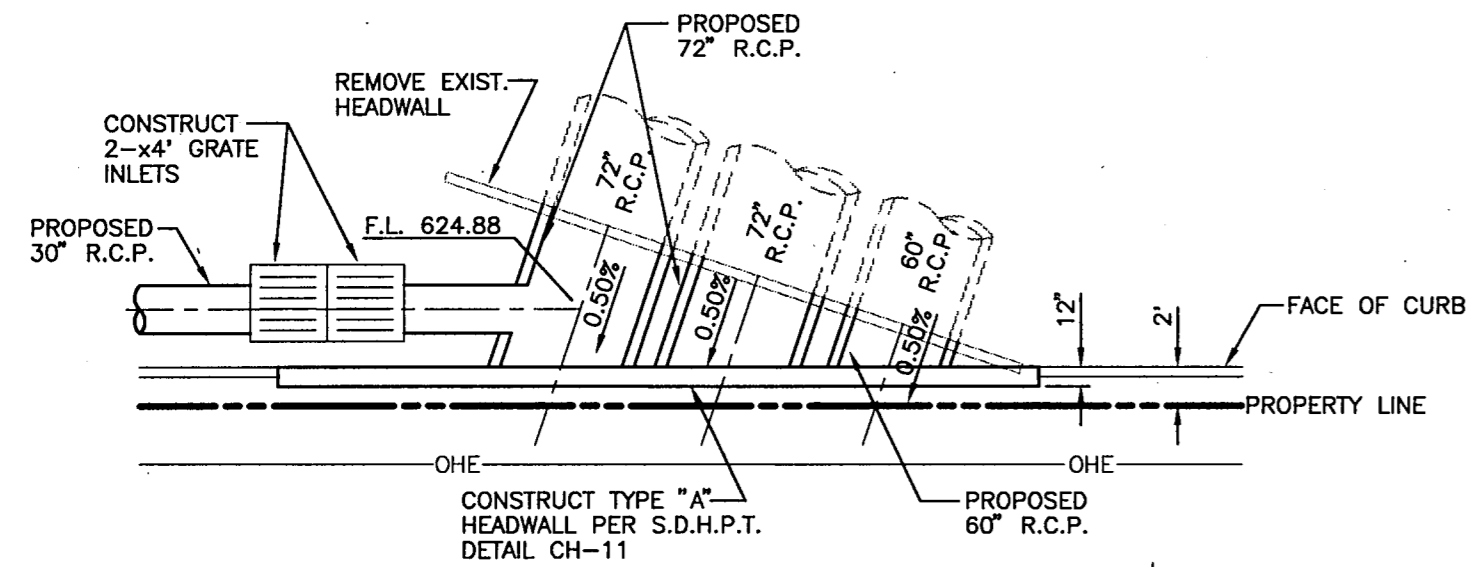
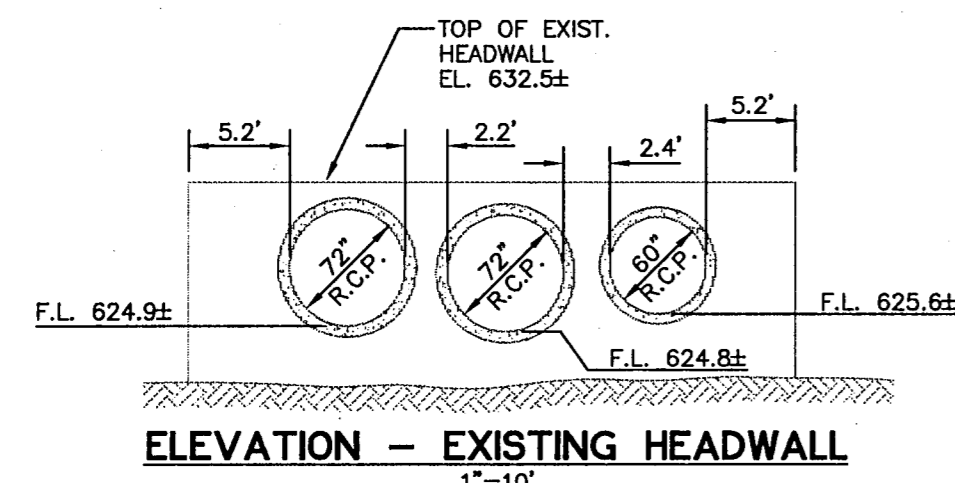
**SITE PLAN**

**EXCEL TELECOMMUNICATIONS  
 WAREHOUSE  
 A DEVELOPMENT OF  
 WILCOX/CMC ADDISON, INC.**

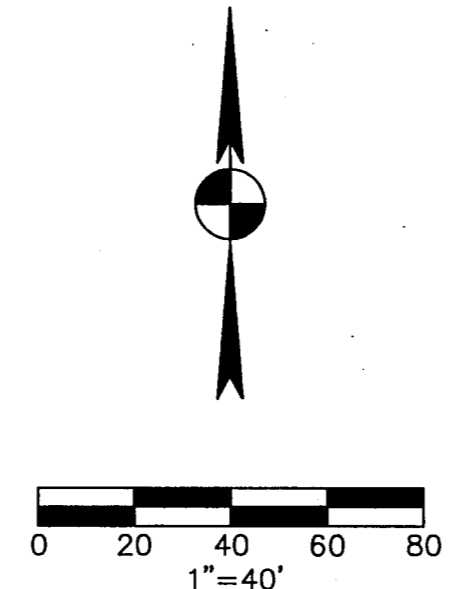
Scale: 1" = 40' Date: 03/22/96  
 Taped: Drawn by: C.D.R.  
 Xref: 02702EBA, 02702PBA  
 File: 02702EBA.DWG  
 Approved by: D.L.V.  
 Project No.: 3027-02

SHEET  
**4**  
 OF 10

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PLAN - CONNECTION TO EXISTING HEADWALL  
1"=10'



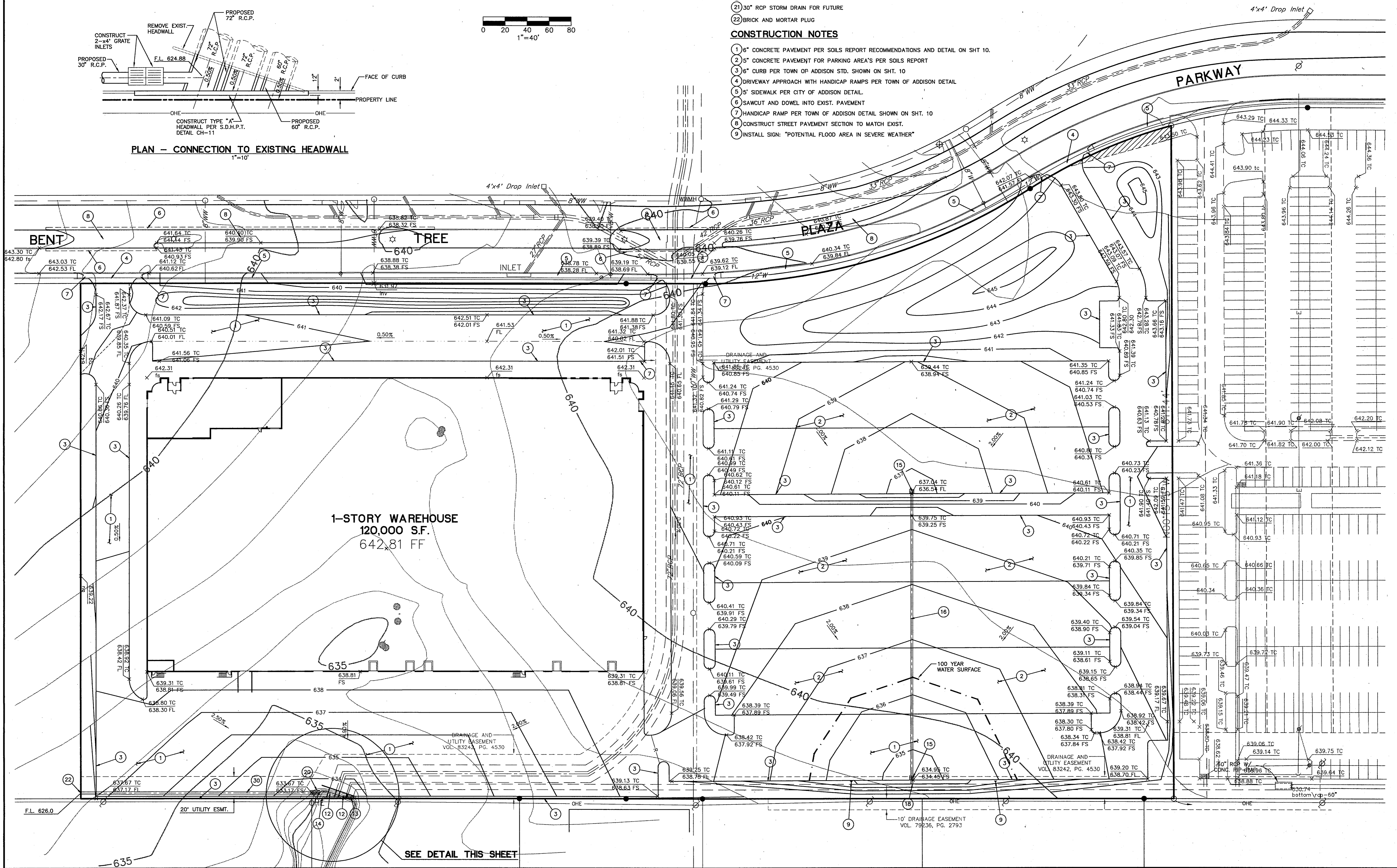
**STORM DRAIN CONSTRUCTION NOTES**

- (12) 72" RCP STORM DRAIN
- (13) 60" RCP STORM DRAIN
- (14) CONSTRUCT TYPE "A" HEADWALL PER DETAIL
- (15) 3'-x3' GRATE INLET PER SHT. 12 OR APPROVED EQUAL
- (16) 24" RCP STORM DRAIN
- (17) 42" RCP STORM DRAIN
- (18) JOIN EXIST 60" RCP
- (19) TYPE "A" HEADWALL PER DETAIL, SHT. 10
- (20) 2'-x4' GRATE INLETS PER DETAIL, SHT. 10 OR APPROVED EQUAL
- (21) 30" RCP STORM DRAIN FOR FUTURE
- (22) BRICK AND MORTAR PLUG

**CONSTRUCTION NOTES**

- (1) 6" CONCRETE PAVEMENT PER SOILS REPORT RECOMMENDATIONS AND DETAIL ON SHT. 10.
- (2) 5" CONCRETE PAVEMENT FOR PARKING AREA'S PER SOILS REPORT
- (3) 6" CURB PER TOWN OF ADDISON STD. SHOWN ON SHT. 10
- (4) DRIVEWAY APPROACH WITH HANDICAP RAMPS PER TOWN OF ADDISON DETAIL
- (5) 5' SIDEWALK PER CITY OF ADDISON DETAIL.
- (6) SAWCUT AND DOWEL INTO EXIST. PAVEMENT
- (7) HANDICAP RAMP PER TOWN OF ADDISON DETAIL SHOWN ON SHT. 10
- (8) CONSTRUCT STREET PAVEMENT SECTION TO MATCH EXIST.
- (9) INSTALL SIGN: "POTENTIAL FLOOD AREA IN SEVERE WEATHER"

NOTE:  
THE EARTHWORK QUANTITIES FOR THIS SITE ARE INTENDED TO BALANCE PER CUT AND FILL QUANTITIES PROVIDED FROM BOB MOORE CONSTRUCTION ON 21 FEB. 1996. CONTRACTOR IS TO NOTIFY ENGINEER PRIOR TO THE START OF CONSTRUCTION IF HE DOES NOT DETERMINE THIS TO BE A BALANCE SITE. A BALANCE SITE INCLUDES THE USE OF STOCKPILED MATERIAL ONSITE.



SEE DETAIL THIS SHEET

**Bury + Pittman**  
Consulting Engineers and Surveyors  
Dallas, Texas Tel: 214/961-0011 Fax: 214/961-0076  
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**GRADING PLAN**

**EXCEL COMMUNICATIONS  
WAREHOUSE  
A DEVELOPMENT OF  
WILCOX/CMC ADDISON, INC.**

Scale: 1" = 40' Date: 03/22/96  
Tape: Drawn by: P.M.L.  
Xref: 027020RA, 027020BA, 027020TA  
File: 027020RA.dwg  
Approved by: D.L.V.  
Project No.: 3027-02

C:\3027-02\027020RA Mon Mar 25 11:44:11 1996

AREA	ACRES	C	Tc	I(100)	Q(100)
A	2.46	0.90	10	10.5	23.24
B	2.63	0.90	10	10.5	24.85
C	6.01	0.90	10	10.5	56.79
D	2.34	0.90	10	10.5	22.11

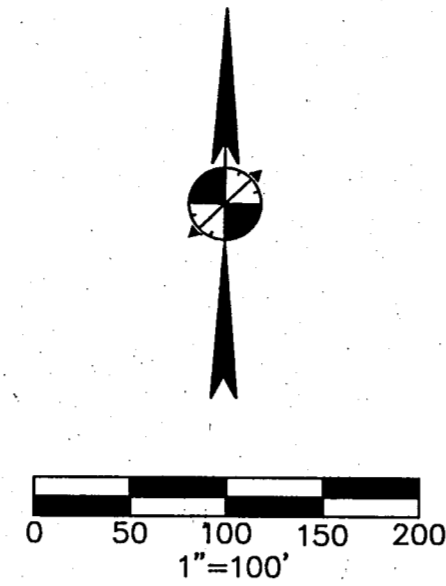
THE EXISTING DOWNSTREAM SYSTEM AT CULVERT CROSSING AT SUNBELT DRIVE WILL ONLY HANDLE 593CFS(Q100) OUT OF THE 625CFS(Q100) THAT THE OVERALL 124.9 ACRE DRAINAGE AREA PRODUCES. THE ENTIRE DRAINAGE BASIN MUST BE REDUCED BY 31CFS(625-593). THIS SITE WITH A DRAINAGE AREA OF 13.44 ACRES IS LESS THAN 10% OF THE TOTAL DRAINAGE BASIN SO SHOULD REDUCE THE PEAK BY 3.4CFS(10% OF 34CFS REDUCTION REQUIRED).

GRATE INLET FLOW CALCULATION

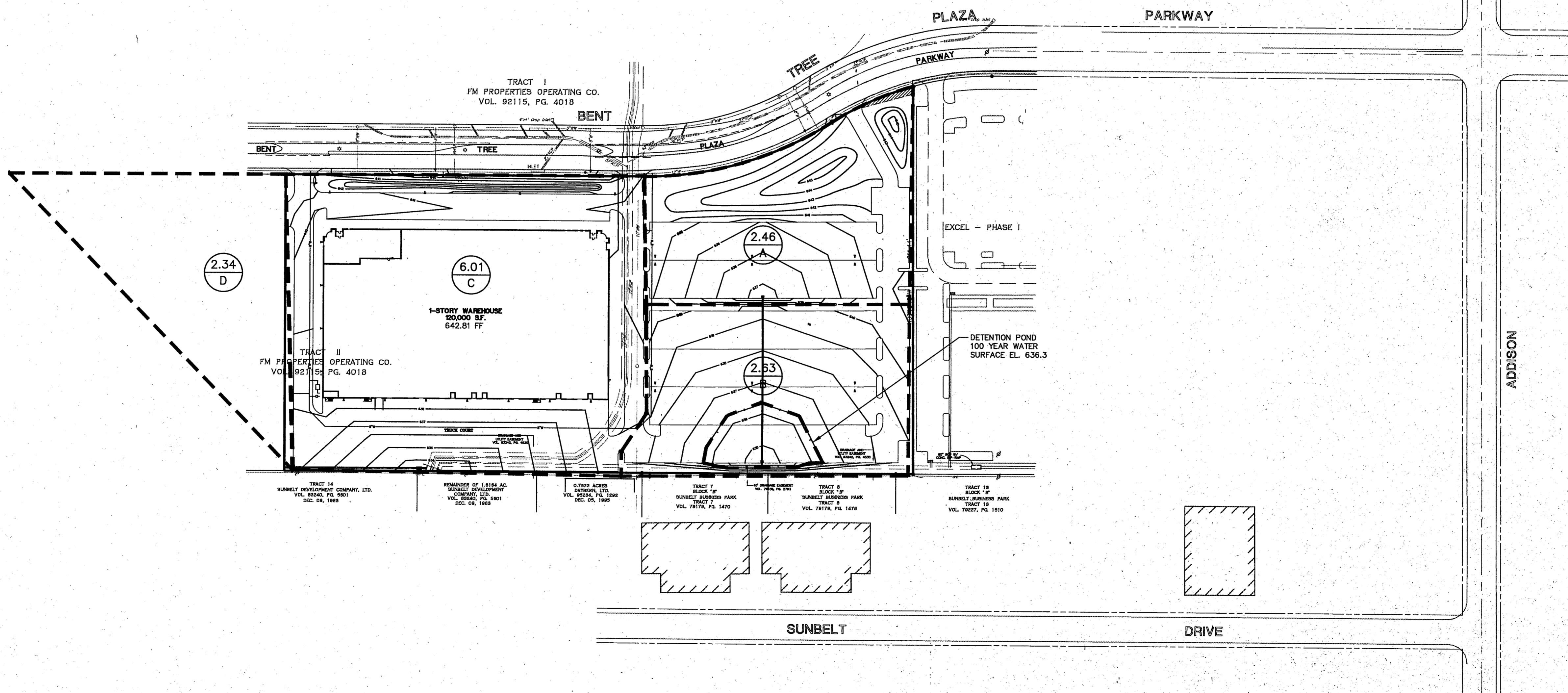
$$Q = 4.86 A y^{3/2}$$

WHERE:  
 Q = FLOW INTO INLET(CFS)  
 A = AREA OF OPENING IN GRATES(SQ.FT.)  
 y = DEPTH OF WATER ABOVE INLET(FT.)

2-4'x4' INLETS FOR AREA C      3'x3' INLETS FOR AREA A AND B  
 $57 = 4.86 \times 16 y^{3/2}$                        $25 = 4.86 \times 9 y^{3/2}$   
 $y = 0.53'$      $y = 1.31'$



- LEGEND**
- DRAINAGE DIVIDE
  - DETENTION LIMITS
  - SUBAREA ACREAGE
  - SUBAREA LETTER

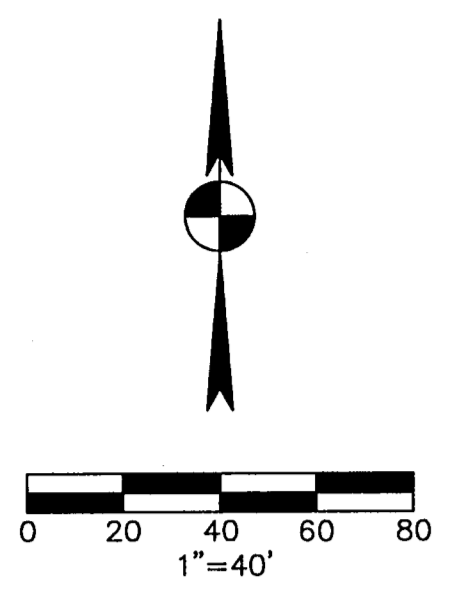


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**DRAINAGE AREA  
 MAP**

**EXCEL TELECOMMUNICATIONS  
 WAREHOUSE  
 A DEVELOPMENT OF  
 WILCOX/CMC ADDISON, INC.**

Scale: 1"=100' Date: 03/22/96  
 Title: 02702EBA,02702PBA  
 File: 02702DMA.DWG  
 Drawn By: C.D.R.  
 Approved by: O.L.V.  
 Project No.: 3027-02



**CONSTRUCTION NOTES:**

**WATER**

- 1 6" FIRE HYDRANT ASSEMBLY WITH 6" GATE VALVE
- 2 12"x8" TAPPING SLEEVE
- 3 8" 45° ELL WITH THRUST BLOCK PER DETAIL ON SHT. 9
- 4 4" WATER SERVICE ASSEMBLY PER CITY STD SHOWN ON SHT. 9
- 5 8" FIRE SERVICE ASSEMBLY WITH DOUBLE DETECTOR CHECK CHECK BACKFLOW PREVENTER (IN VAULT W/ BY-PASS METER) PER CITY STANDARDS
- 6 8" GATE VALVE AND VALVE BOX PER DETAIL ON SHT. 9
- 7 8" PVC WATER MAIN
- 8 2" IRRIGATION WATER SERVICE PER CITY STANDARD
- 9 *w/backflow prevention assembly*
- 10 6" PVC SEWER MAIN
- 11 DOUBLE 6" SANITARY SEWER CLEANOUT PER DETAIL ON SHT. 11
- 12 6" SANITARY SEWER CLEANOUT PER DETAIL ON SHT. 11
- 13 ADJUST EXIST. MANHOLE RIM TO GRADE

**SEWER**

**CONDUIT**

- 21 2- 4" PVC CONDUITS FOR COMMUNICATIONS
- 22 2' PULL BOX
- 23 RELOCATE EXIST. LIGHT POLE
- 24 IRRIGATION SLEEVE (SEE IRRIGATION PLAN FOR SIZE AND EXACT LOCATION)
- 25 SLEEVE FOR PARKING LIGHTING (SEE M.E.P. PLANS FOR SIZE AND EXACT LOCATION)
- 26 TELEPHONE CONDUIT
- 27 ELECTRICAL CONDUIT

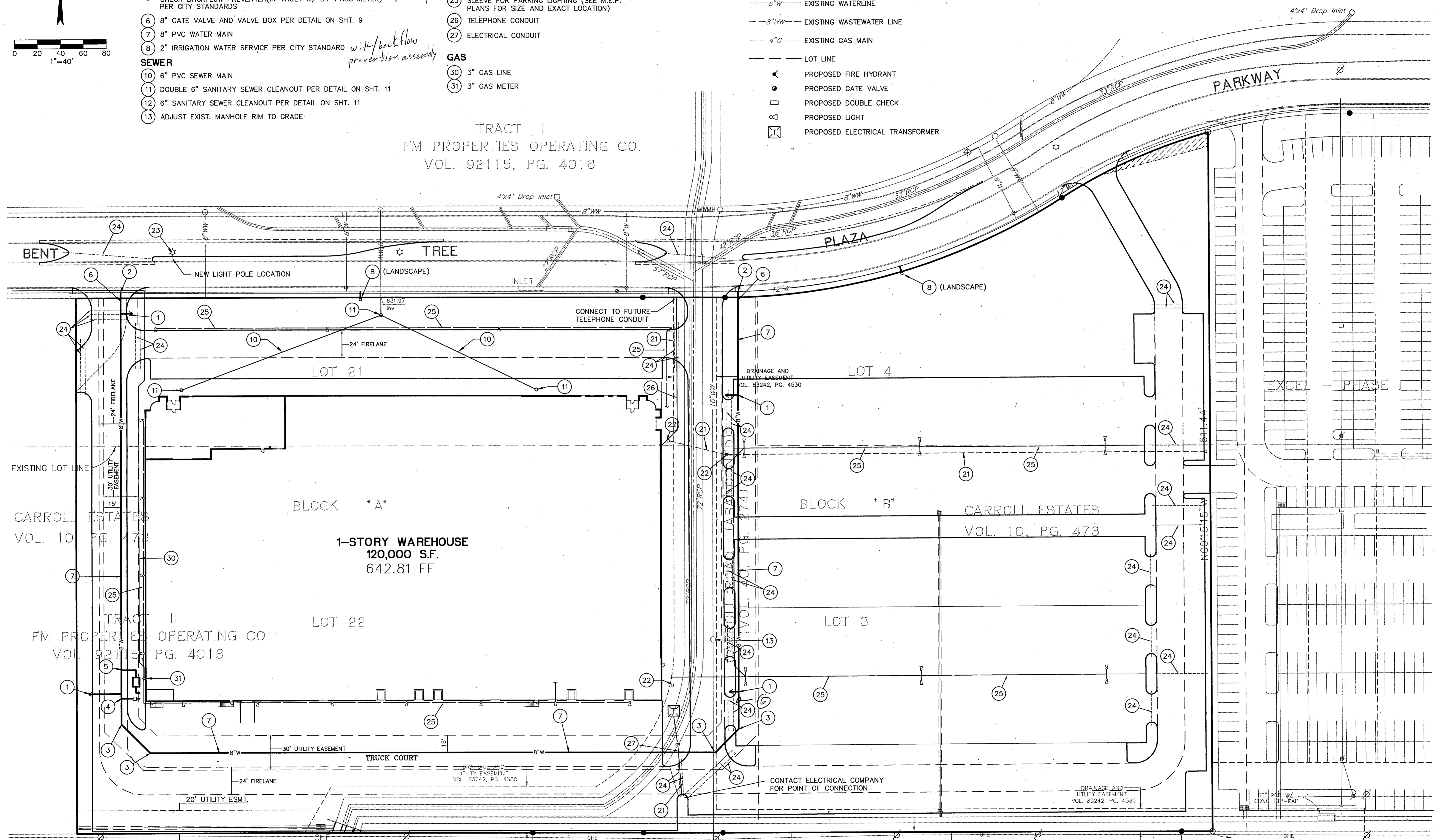
**GAS**

- 30 3" GAS LINE
- 31 3" GAS METER

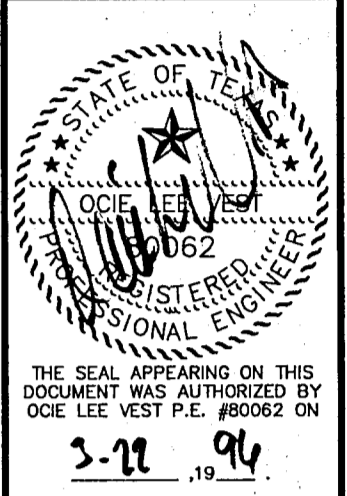
**LEGEND**

- ⊕ EXISTING FIRE HYDRANT
- EXISTING WATER VALVE
- ⊕ EXISTING FIRE HYDRANT
- ☆ EXISTING LIGHT POLE
- 8"W — EXISTING WATERLINE
- 8"WW — EXISTING WASTEWATER LINE
- 4"G — EXISTING GAS MAIN
- — LOT LINE
- ▲ PROPOSED FIRE HYDRANT
- PROPOSED GATE VALVE
- PROPOSED DOUBLE CHECK
- △ PROPOSED LIGHT
- ⊠ PROPOSED ELECTRICAL TRANSFORMER

TRACT I  
FM PROPERTIES OPERATING CO.  
VOL. 92115, PG. 4018



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**UTILITY PLAN**

**EXCEL TELECOMMUNICATIONS  
WAREHOUSE  
A DEVELOPMENT OF  
WILCOX/CMC ADDISON, INC.**

Scale: 1" = 40' Date: 03/22/96  
Tape: Drawn by: C.D.R.  
Xref: 02702EBA.02702PBA  
File: 02702UTA.DWG  
Approved by: O.L.V.  
Project No.: 3027-02

C:\3027-02\02702UTA Mon Mar 25 12:19:57 1996





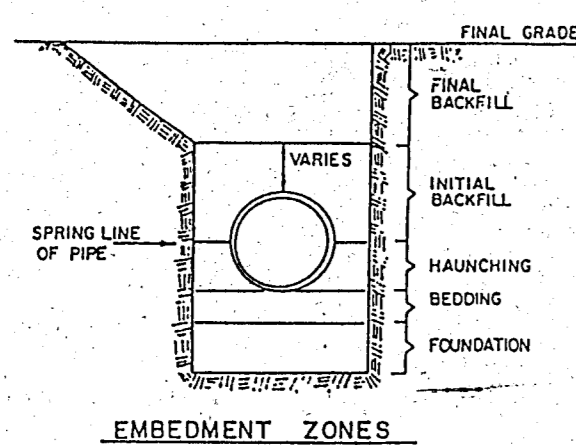
**EMBEDMENT DETAILS FOR SANITARY SEWER**

**TABLE OF QUANTITIES OF 2000 PSI CONCRETE, GRAVEL OR CRUSHED STONE IN CUBIC YARDS PER 100 LINEAR FEET FOR EACH CLASS EMBEDMENT**

TABLE OF QUANTITIES PER 100 LINEAR FEET REINFORCED CONCRETE PIPE		TRENCH WIDTH IN FEET		CLASS 1 EMBEDMENT CRUSHED STONE		CLASS 2 EMBEDMENT CRUSHED STONE		CLASS 3 EMBEDMENT CONCRETE		CONCRETE ENCASUREMENT	
SIZE OF PIPE IN INCHES I.D.	O.D. OF PIPE IN INCHES	TRENCH WIDTH IN INCHES	TRENCH WIDTH IN FEET	CLASS 1 EMBEDMENT CRUSHED STONE	CLASS 2 EMBEDMENT CRUSHED STONE	CLASS 3 EMBEDMENT CONCRETE	CLASS 3 EMBEDMENT CONCRETE	CLASS 3 EMBEDMENT CONCRETE	CLASS 3 EMBEDMENT CONCRETE	CONCRETE ENCASUREMENT	CONCRETE ENCASUREMENT
12	16.00	32	2.67	4.1	6.5	4.8	9.2	8.2	21.2	15.8	15.8
15	19.50	36	3.00	4.8	7.8	6.4	12.2	11.0	24.9	19.2	19.2
18	23.00	39	3.25	5.7	9.2	8.2	15.2	14.0	28.7	22.9	22.9
21	26.50	43	3.58	6.9	11.0	10.2	18.2	17.0	32.6	26.9	26.9
24	30.00	46	3.83	8.3	13.1	12.4	21.2	19.3	36.5	30.9	30.9
27	33.50	51	4.25	10.3	16.1	15.4	24.2	22.1	40.4	34.9	34.9
30	37.00	57	4.75	12.7	20.1	17.0	27.2	24.9	44.3	38.9	38.9
33	40.50	62	5.17	15.1	24.1	19.3	30.2	27.7	48.2	42.9	42.9
36	44.00	67	5.58	18.0	28.6	22.1	33.2	30.5	52.1	46.9	46.9

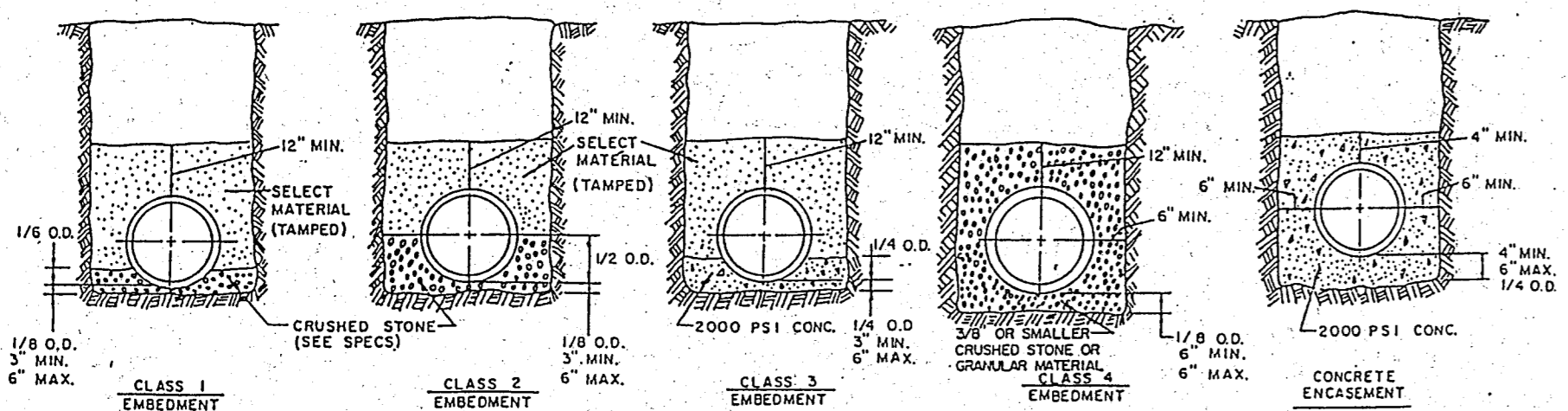
**TABLE OF QUANTITIES PER 100 LINEAR FEET PVC PIPE (IN CUBIC YARDS)**

SIZE OF PIPE IN INCHES	O.D. OF PIPE IN INCHES	TRENCH WIDTH IN INCHES	TRENCH WIDTH IN FEET	CLASS 4 EMBEDMENT CRUSHED STONE	CONCRETE ENCASUREMENT
6	6.28	24	2.00	8.0	10.7
8	8.16	24	2.00	8.7	12.4
10	10.20	26	2.18	10.2	14.2
12	12.24	28	2.33	11.7	15.9
16	15.30	31	2.61	14.0	18.8
24	24	36	3.0	18.0	24.0
30	30	42	3.5	21.0	28.0



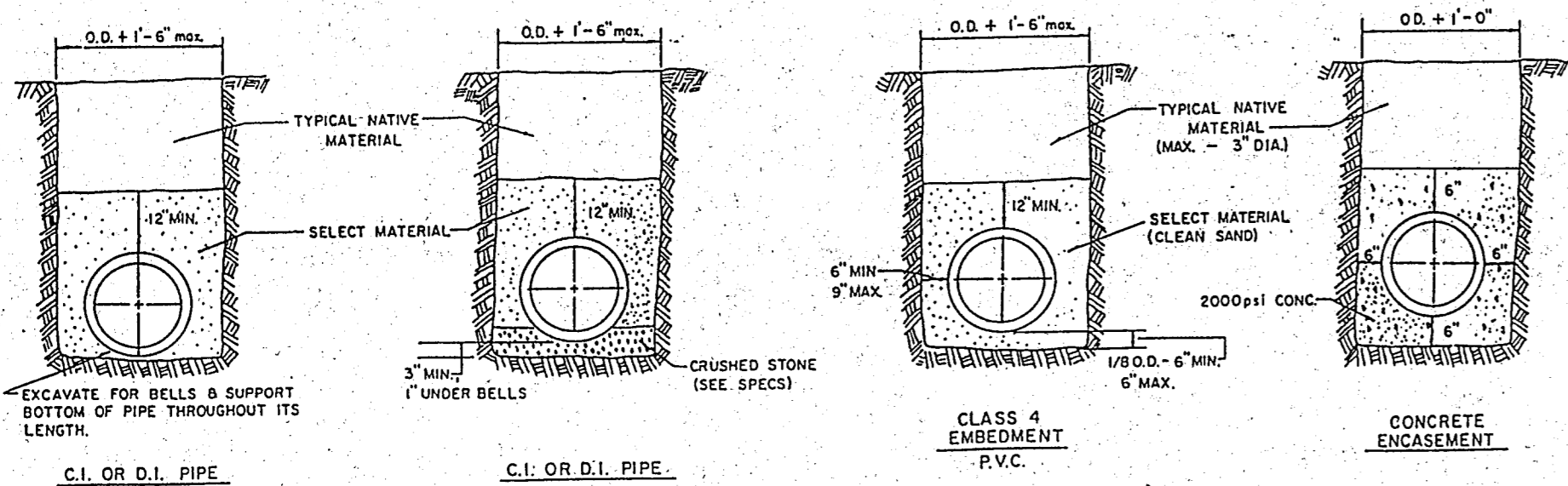
**SANITARY SEWER**

TYPICAL NATIVE MATERIAL COMPACTED TO: 95% OPTIMUM MOISTURE 0 TO +3% UNDER PAVEMENT 100% OPTIMUM MOISTURE 0 TO +5% OUTSIDE CURB LINES JETTING IS NOT ALLOWED BACKFILL TO BE COMPACTED IN 6" LIFTS TYPICAL NATIVE MATERIAL (MAX. 3" DIA.)

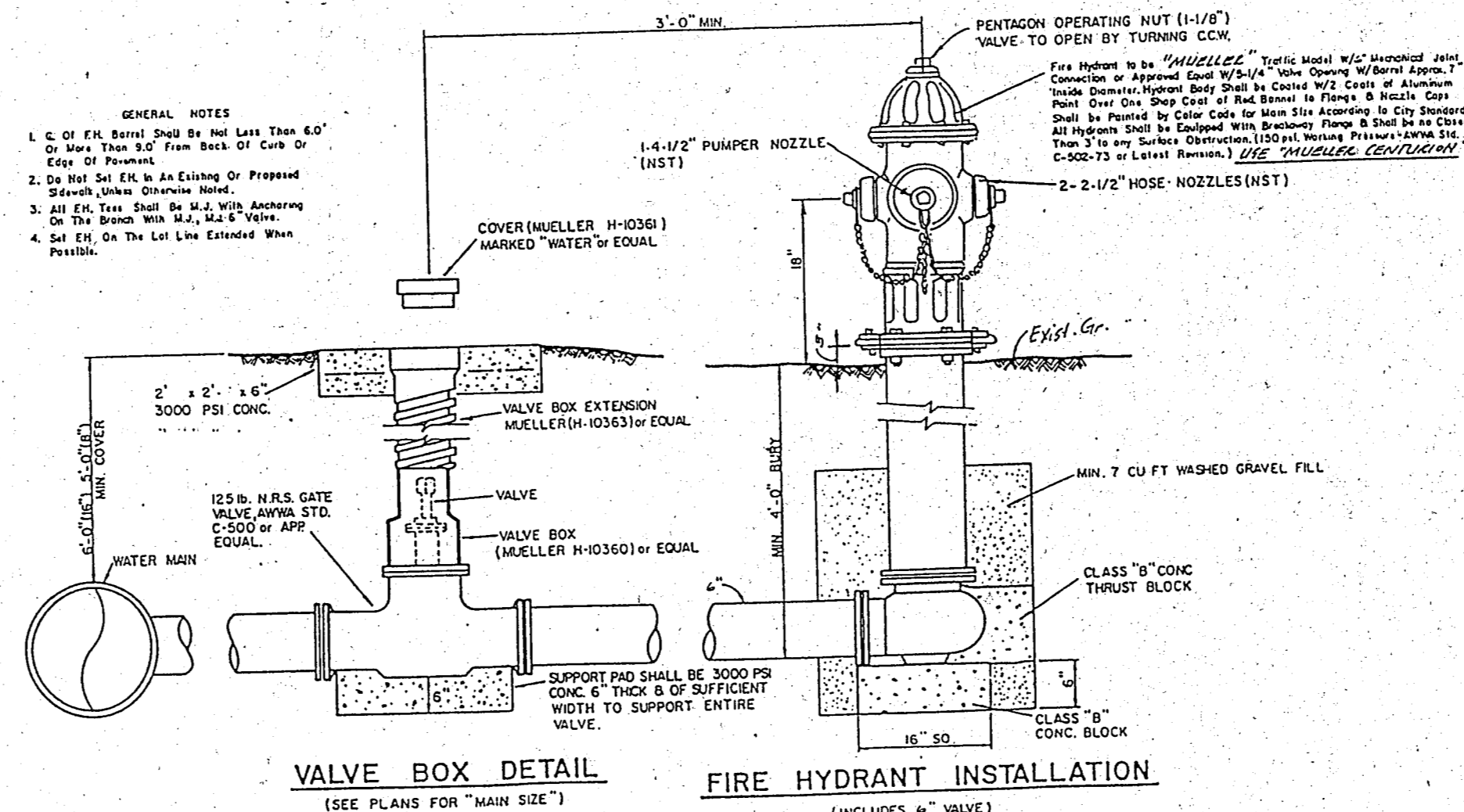


**P.V.C. PIPE ONLY**

SDR 35



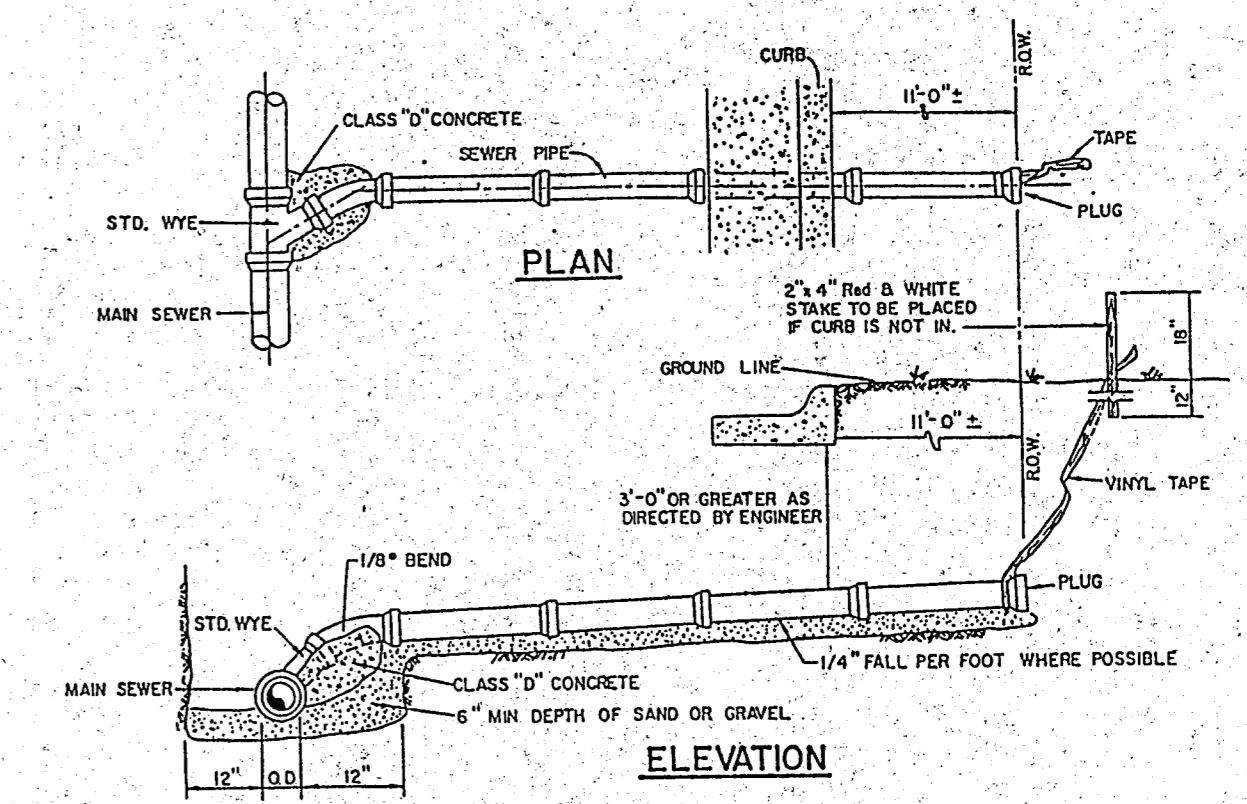
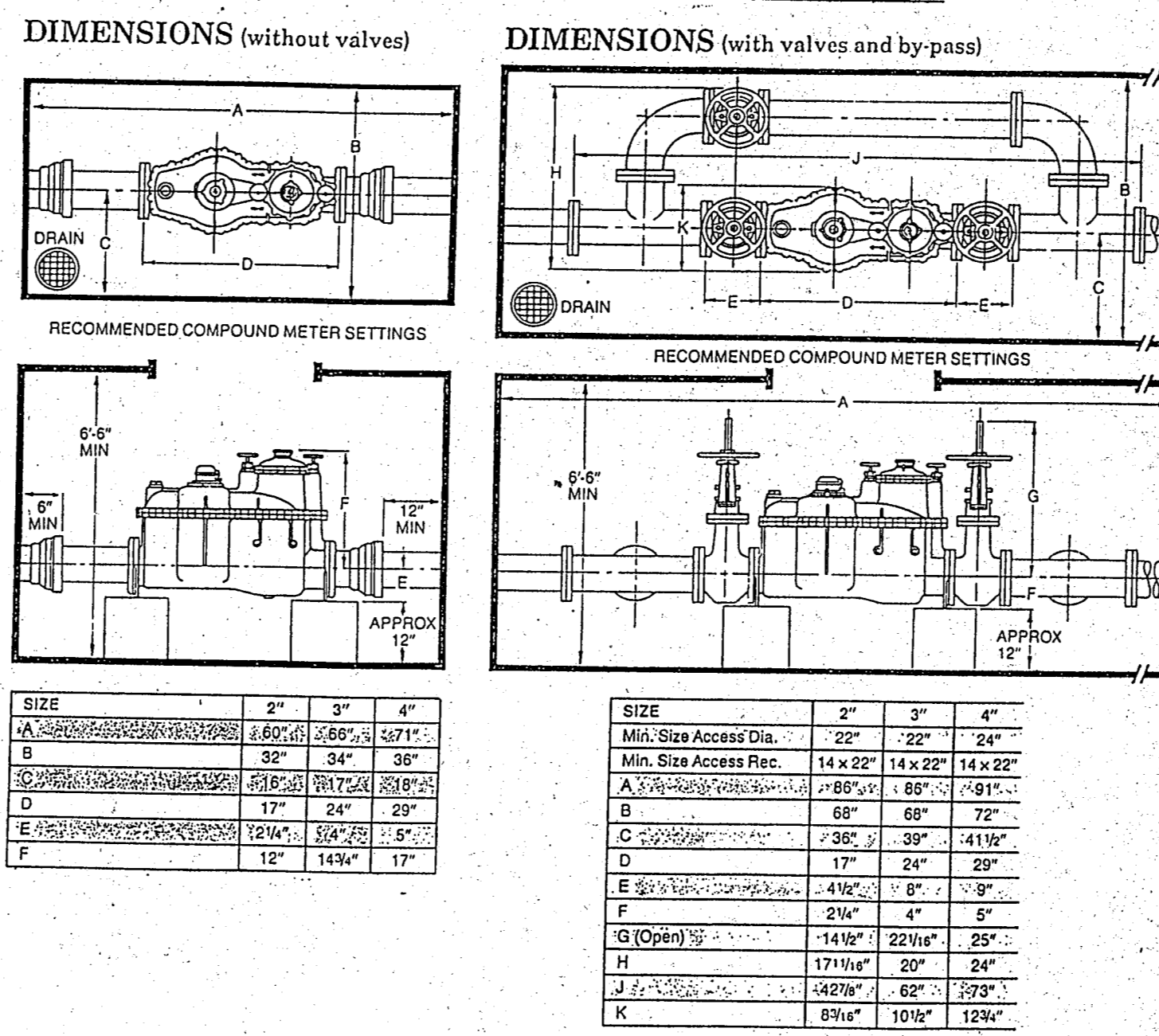
**EMBEDMENT DETAILS FOR WATER MAIN**



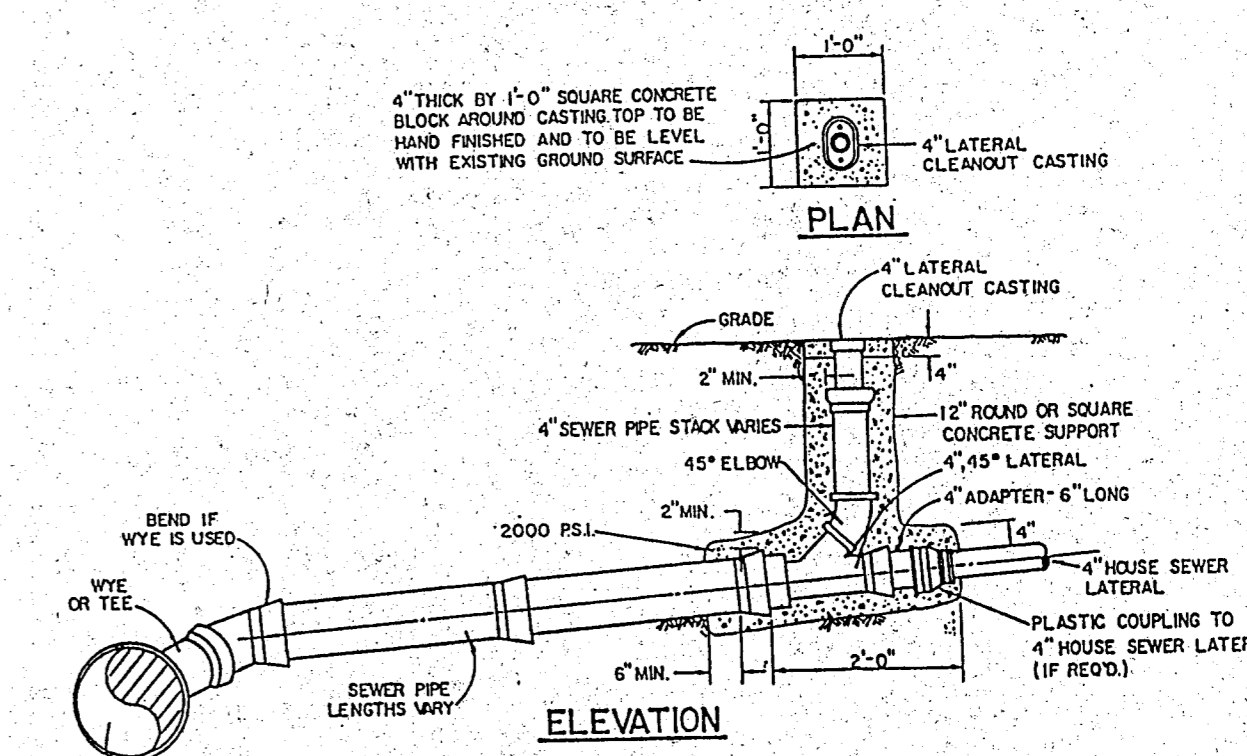
**VALVE BOX DETAIL**  
(SEE PLANS FOR "MAIN SIZE")  
GATE VALVES SHALL BE IRON BODY, BRONZE OR BRASS MOUNTED, NON-RISING SEAT TYPE VALVES SHALL BE OF EQUAL OR GREATER PRESSURE CLASS THAN THE PIPING IN WHICH THEY ARE TO BE INSTALLED. VALVE BOXES SHALL BE CAST IRON AND SHALL BE OF SUFFICIENT LENGTH AND DIAMETER TO OPERATE ALL VALVES BORED IN THE GROUND COVERS SHALL BE MARKED "WATER". THE BOXES SHALL REST ON THE VALVE AND BE ADJUSTED SO THAT THE COVER MAY BE SET FLUSH WITH THE FINISHED GRADE.

**FIRE HYDRANT INSTALLATION**  
(INCLUDES 1/2" VALVE)  
No Scale

**COMPOUND METER WATER SERVICE 2", 3" & 4"**

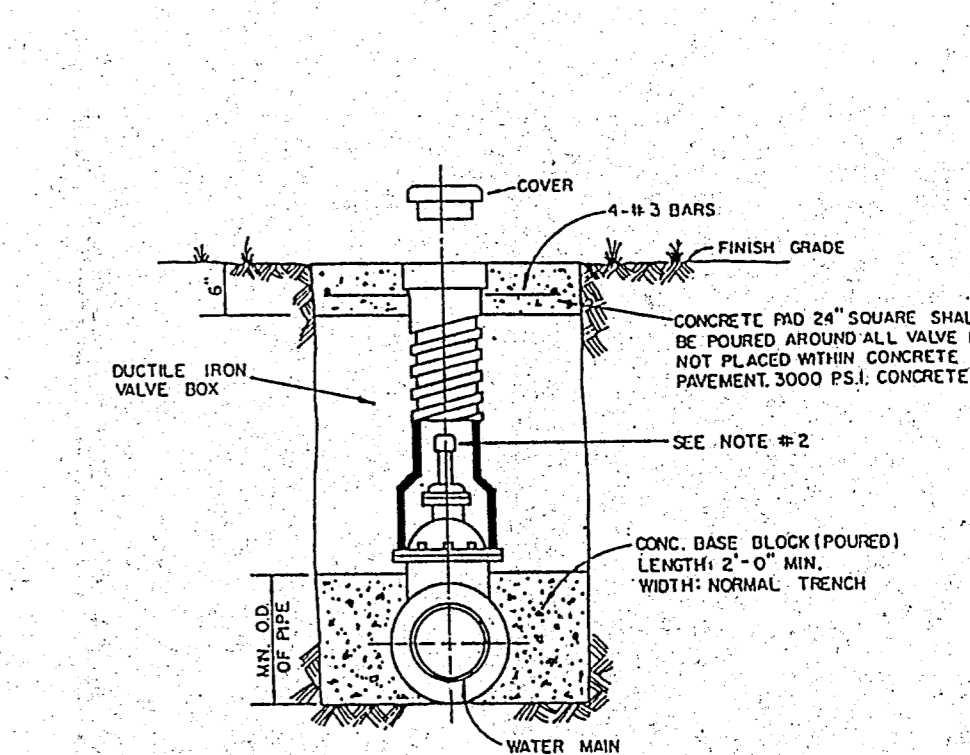


**SANITARY SEWER SERVICE CONNECTION**



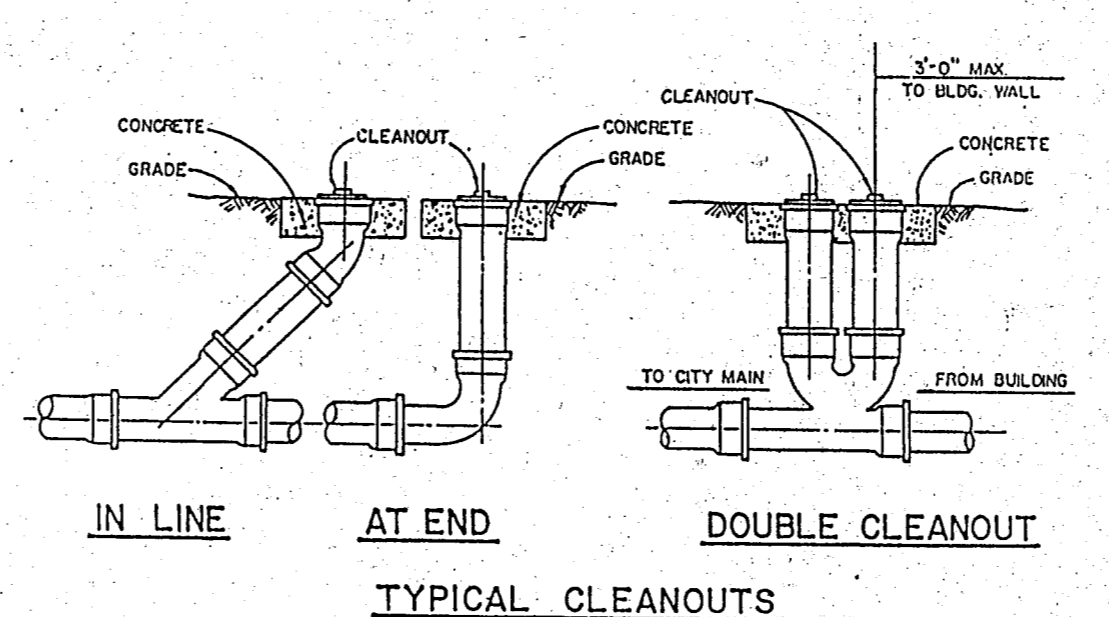
NOTE:  
1. GATE VALVES SHALL BE IN ACCORDANCE WITH ANNA STANDARD C-509-00 OR LATEST THEREOF. ALL VALVES SHALL BE "MULLER" OR APPROVED EQUAL.  
2. A PERMANENTLY ATTACHED VALVE EXTENSION STEM SHALL BE REQUIRED FOR ANY VALVE THATS OPERATING NUT IS LOCATED IN EXCESS OF 4 FEET BELOW THE TOP OF VALVE BOX. THIS EXTENSION SHALL BE OF SUFFICIENT LENGTH TO INSURE THAT ITS TOP IS WITHIN 4" OF VALVE BOX LID. MANUFACTURED VALVE STACK DUCTILE IRON PIPE TO BE USED FOR EXTENSION GREATER THAN 4" DUCTILE IRON PIPE TO BE FITTED OVER VALVE. VALVE AND VALVE STACK IS TO BE POLY WRAPPED.  
3. VALVES SHALL BE OF DUCTILE IRON UNLESS OTHERWISE SPECIFIED. BOLTS SHALL BE STAINLESS STEEL OF SAME SIZE ON EACH END.

**TYPICAL VALVE SETTING AND BOX**

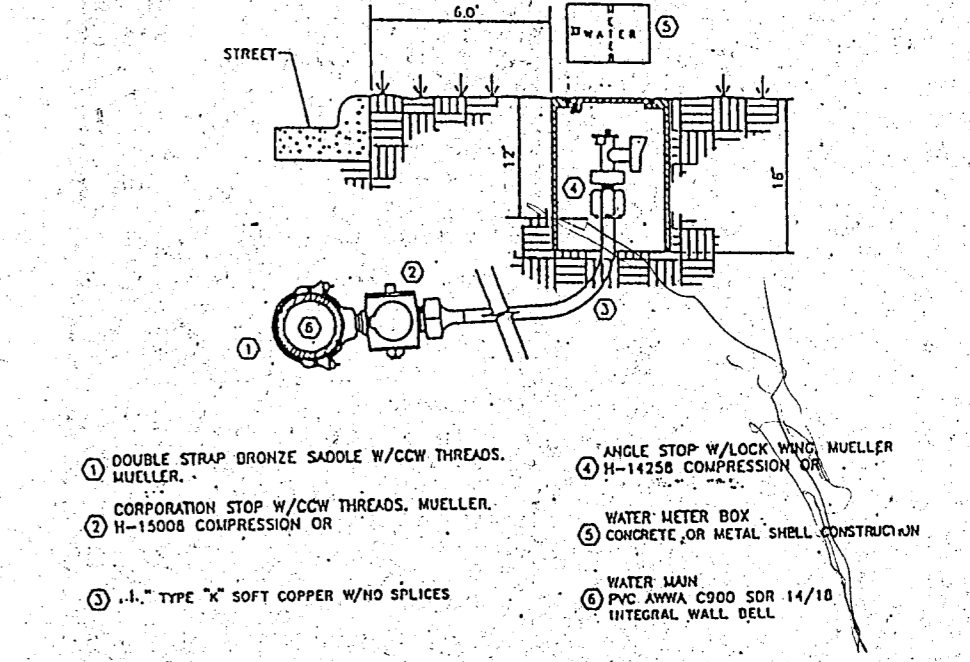


NOTE:  
1. GATE VALVES SHALL BE IN ACCORDANCE WITH ANNA STANDARD C-509-00 OR LATEST THEREOF. ALL VALVES SHALL BE "MULLER" OR APPROVED EQUAL.  
2. A PERMANENTLY ATTACHED VALVE EXTENSION STEM SHALL BE REQUIRED FOR ANY VALVE THATS OPERATING NUT IS LOCATED IN EXCESS OF 4 FEET BELOW THE TOP OF VALVE BOX. THIS EXTENSION SHALL BE OF SUFFICIENT LENGTH TO INSURE THAT ITS TOP IS WITHIN 4" OF VALVE BOX LID. MANUFACTURED VALVE STACK DUCTILE IRON PIPE TO BE USED FOR EXTENSION GREATER THAN 4" DUCTILE IRON PIPE TO BE FITTED OVER VALVE. VALVE AND VALVE STACK IS TO BE POLY WRAPPED.  
3. VALVES SHALL BE OF DUCTILE IRON UNLESS OTHERWISE SPECIFIED. BOLTS SHALL BE STAINLESS STEEL OF SAME SIZE ON EACH END.

**TYPICAL WATER SERVICE DETAIL**

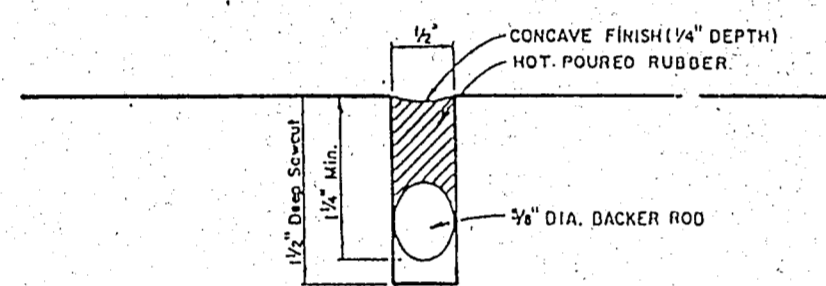


**TYPICAL CLEANOUTS**

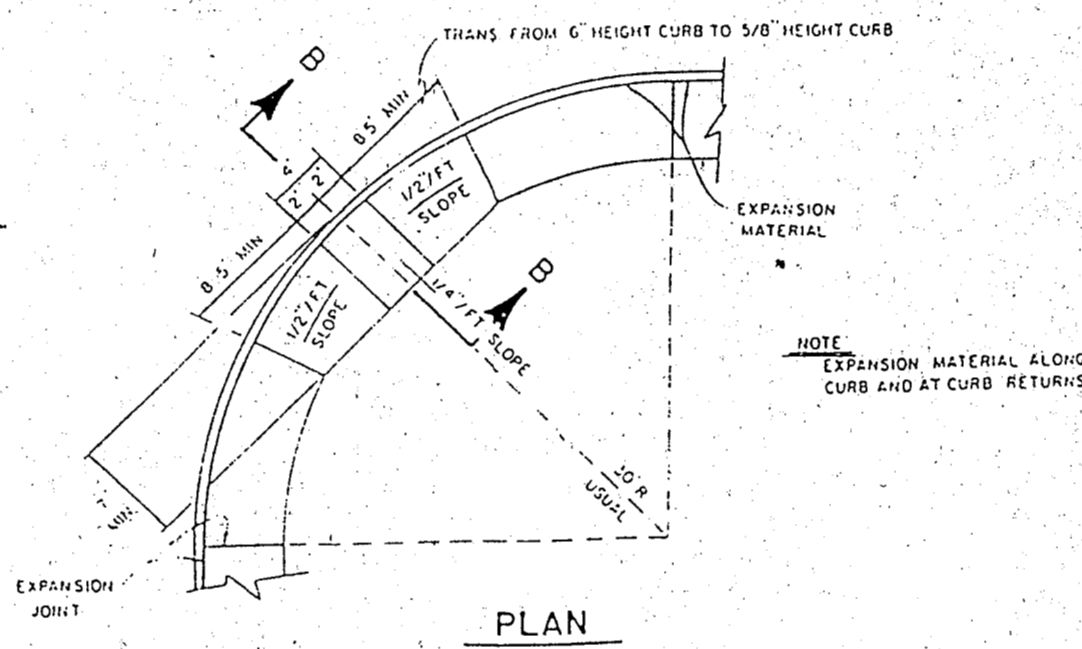
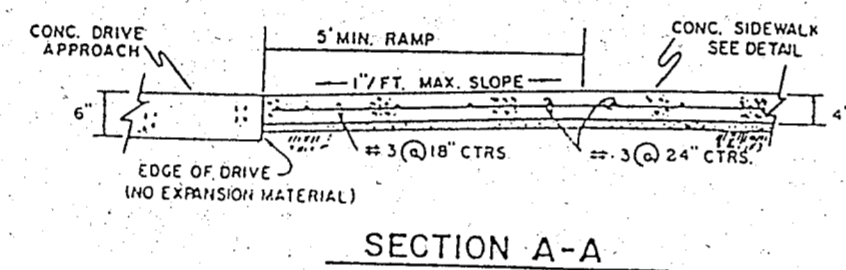
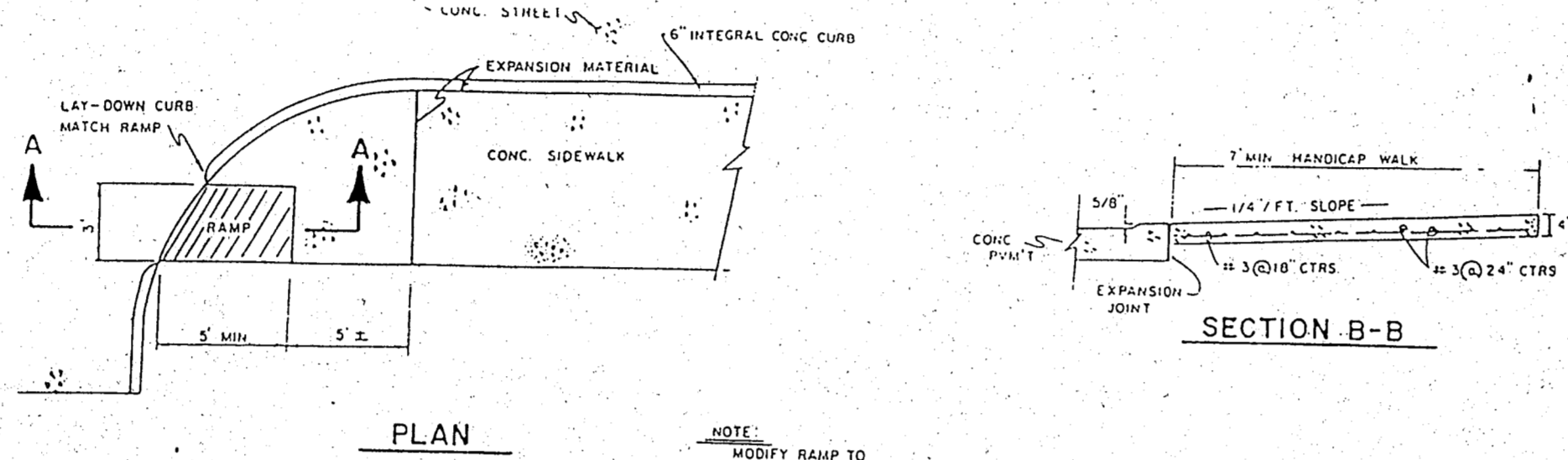


**TYPICAL WATER SERVICE DETAIL**

**REINFORCED CONCRETE PAVEMENT**  
 ALL REINFORCING BARS SHALL BE NO. 3 TRANSVERSE BARS TO BE SPACED ON 1'-6" CENTERS; LONGITUDINAL BARS TO BE SPACED ON 1'-6" EXCEPT WHERE NOTED.  
 UNIMPROVED STREETS—PROVIDE 4" OBL.-REE YELLOW 6 BUTTON P-117-Y PATTERNS TO BE ESTABLISHED BY ENGINEER. SEE DETAIL SHEET.  
 ① SAWED LONGITUDINAL CURB JOINT.  
 ② CONSTRUCTION JOINT (FULL WIDTH PAV'T) IS ALLOWED WHERE APPROVED BY ENGINEER.  
 ③ FINISH SHALL BE TRANSVERSE WITH TRAFFIC LANES AND SHALL BE STEEL TINED BROOM FINISH.



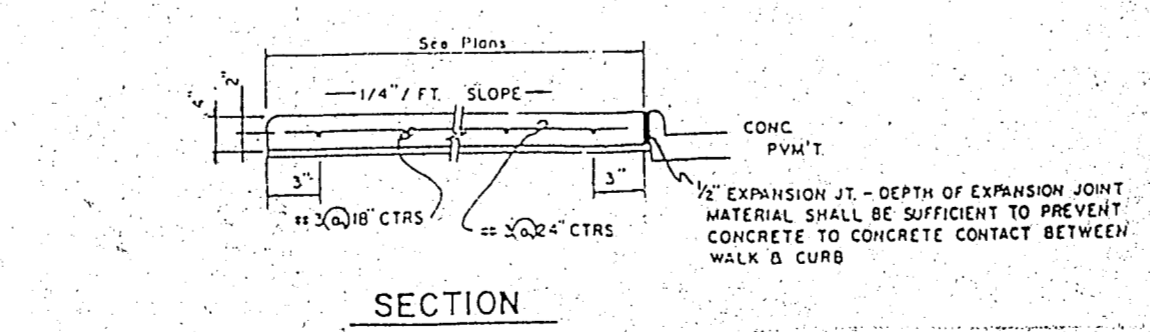
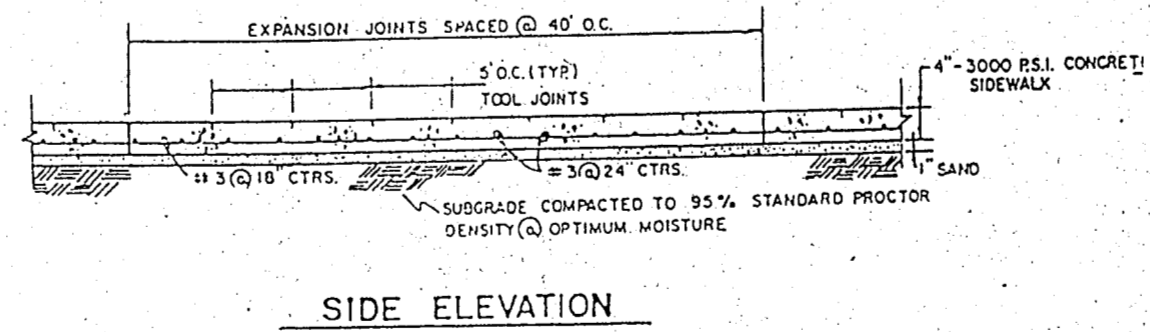
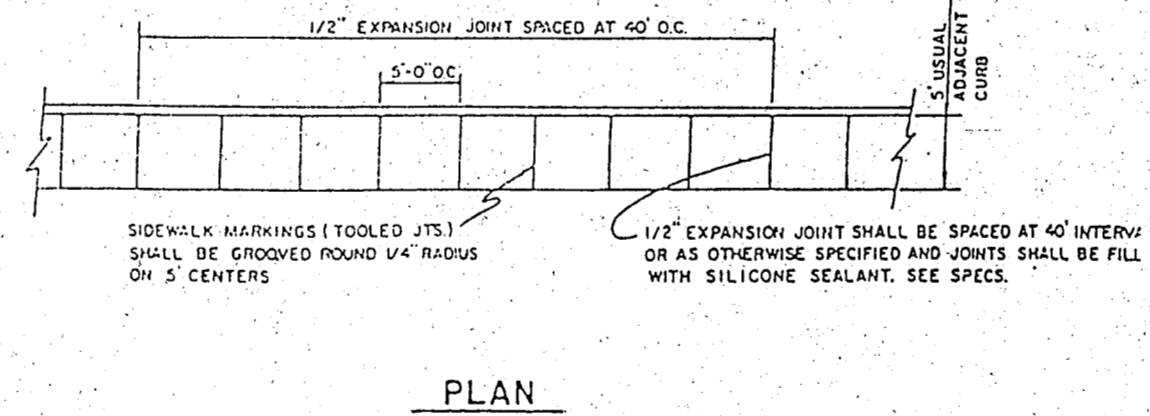
TYPICAL JOINT DETAIL



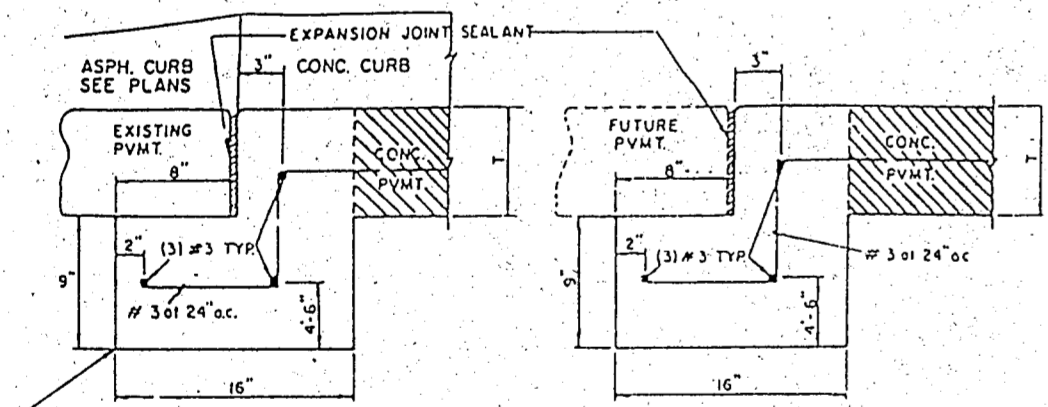
HANDICAP PARKING DETAILS  
 N.T.S.

**CONCRETE SIDEWALK DETAIL**

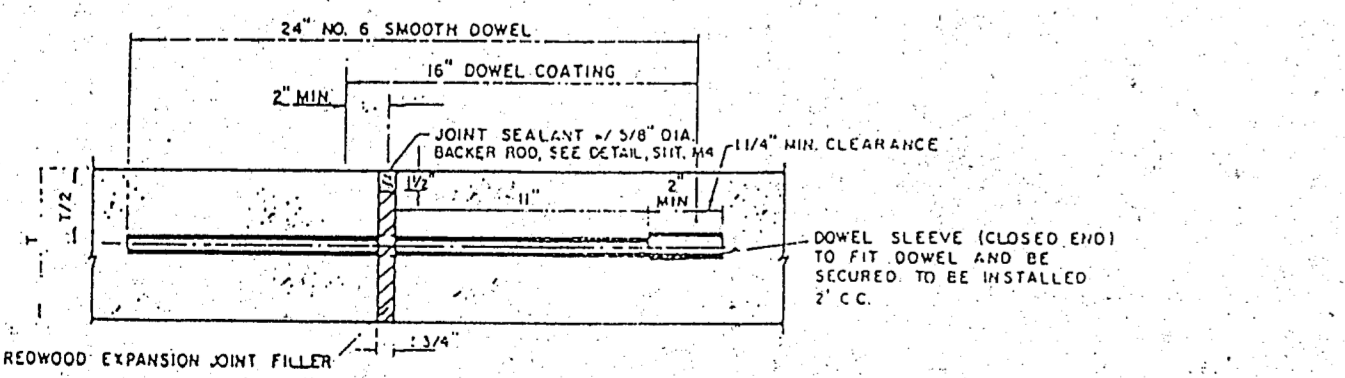
- GENERAL NOTES:
- Reinforced concrete sidewalk shall be 5 or 7 feet wide, a minimum of four (4) inches thick and shall be 3000 psi at 28 days (5 sack mix). Unless noted otherwise.
  - Chamfer all exposed edges of concrete (1/4) inch.
  - All bar dimensions are given as center to center of bars and are located as shown.
  - All reinforcing steel shall be No. 3 on 18 inch centers longitudinally, 24 inch centers transversely and shall conform to the requirements of ASTM A-615, Grade 60.
  - 1" thick min. fine, washed sand cushion shall be free from organic materials or clays and shall be used for grade adjustments.
  - Subgrade shall be compacted to a density not less than 95% at optimum moisture.
  - Tooled joints (contraction joints) shall be on five (5) foot centers and shall be round one-fourth (1/4) inch radius.
  - A one-half (1/2) inch expansion joint shall be laced every eight (8) foot centers, and where works abut old work, or where new work is constructed adjacent to other concrete, a one-half inch expansion joint shall be used where sidewalk is adjacent to curb, the expansion joint shall be made of pre-molded bituminous expansion joint filler or redwood with silicone sealant. See Specs.
  - Sidewalks shall be finished by lightly brooming surface transversely to direction of main traffic or where adjacent sidewalks differ from this standard, new sidewalks shall conform to adjacent sidewalk (e.g. exposed aggregate).
  - Cross slope walk one-fourth (1/4) inch per foot towards curb or as shown on the drawings to provide drainage.



EXPANSION JOINT DETAIL

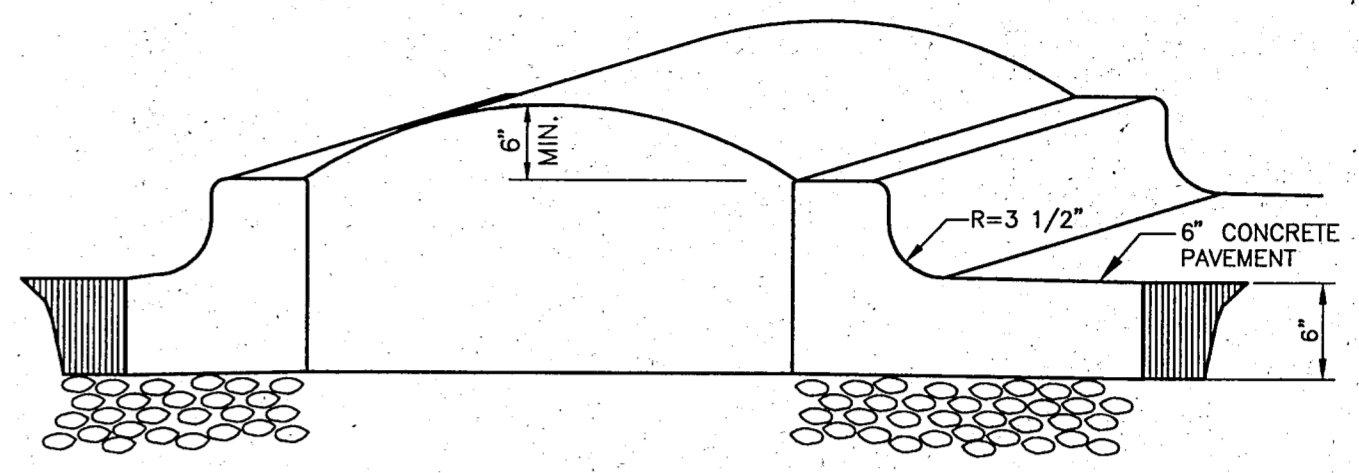


STREET HEADER

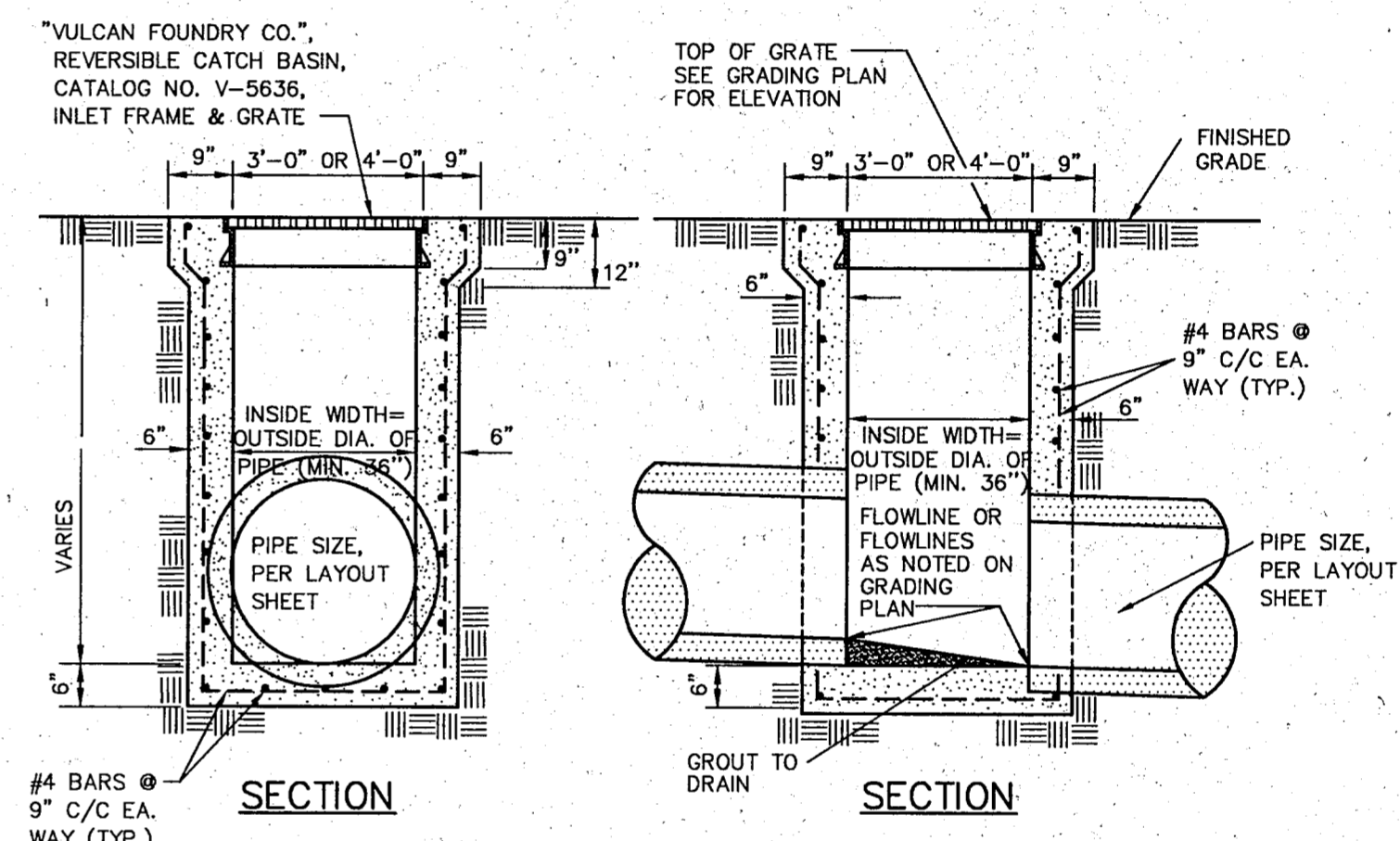


TRANSVERSE EXPANSION JOINT  
 (SPACED 600 FT MAXIMUM; LOCATE AT INTERSECTIONS)

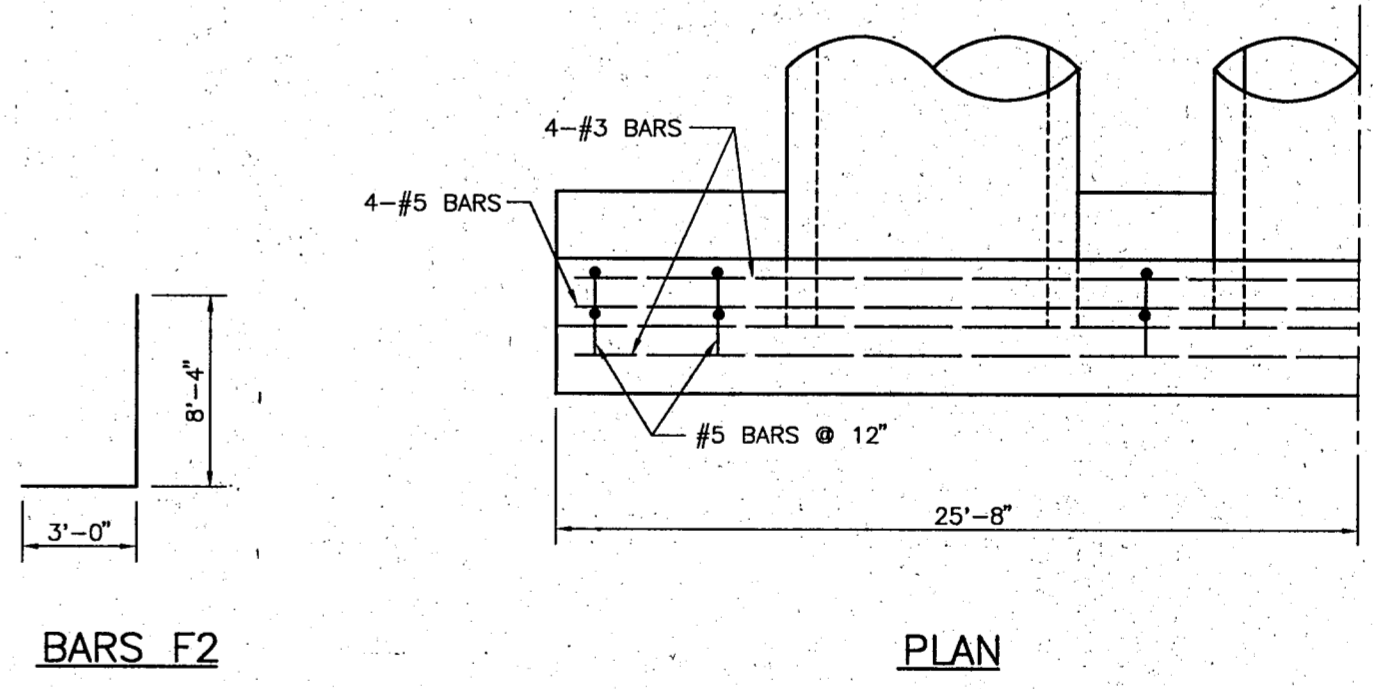
NOTE DOWELS AND REINFORCING BARS SHALL BE SUPPORTED BY AN APPROVED DEVICE.



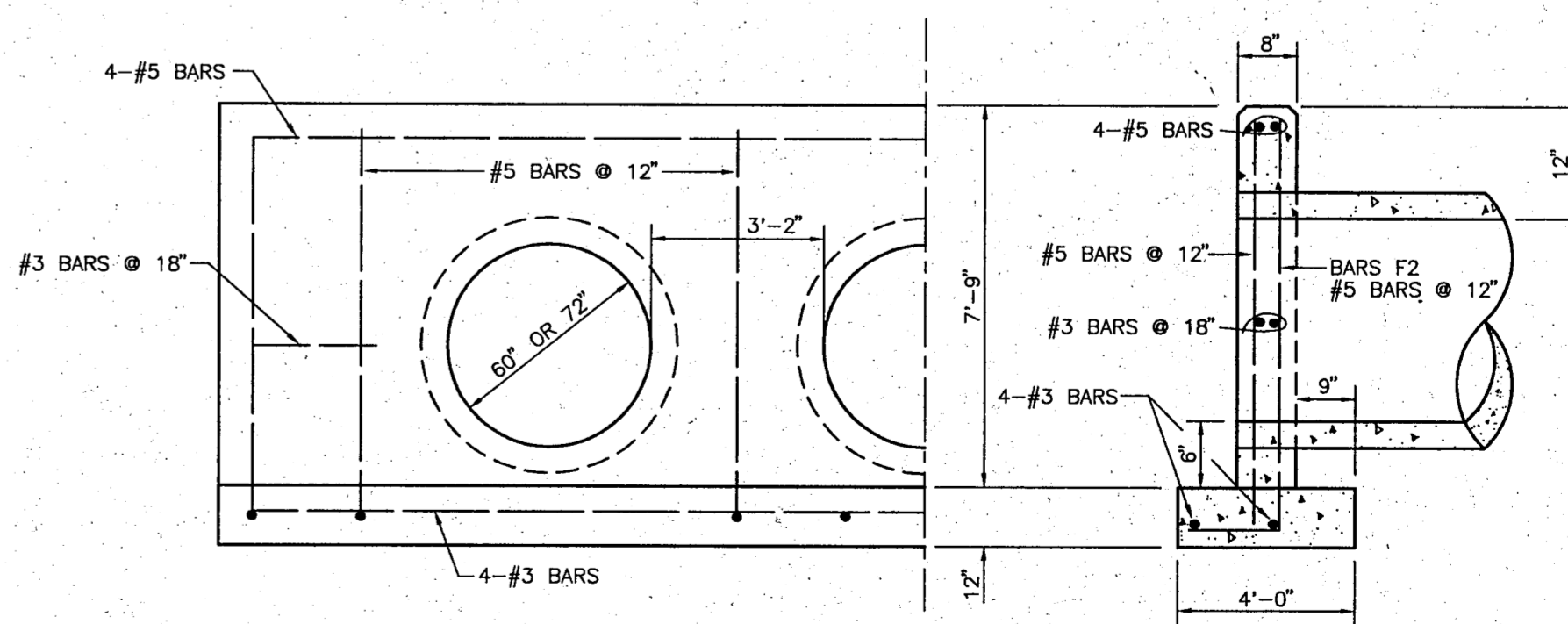
CURB ISLAND DETAIL  
 N.T.S.



3'x3' OR 4'x4' INSIDE GRATE INLET DETAIL  
 N.T.S.



BARS F2

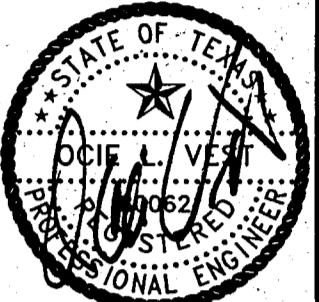


ELEVATION

SECTION

TEXAS HIGHWAY DEPT. — TYPE 'A' HEADWALL  
 N.T.S.

**Bury+Pier**  
 Consulting Engineer  
 Dallas, Texas Tel 214/7  
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GRADING AND DRAINAGE DETAILS

EXCEL TELECOMMUNICATIONS WAREHOUSE  
 A DEVELOPMENT OF WILCOX/CMC ADDISON, INC.

Scale: N.T.S. Date: 03/22/96  
 Disk: Drawn by: A.B.C.  
 Xref: NONE  
 File: 02702SDA.DWG  
 Approved by: O.L.V.  
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