

BENCHMARKS

| MARK | DESCRIPTION | ELEV. | N | E |
|------|---|---------|-----------|-----------|
| BM1 | SQUARE CUT OF THE SOUTHWEST TOP OF CURB CORNER THE BACK SIDE PARKING LOT AT 15950 MIDWAY ROAD | 637.75' | | |
| CM1 | "X" CUT ON CONCRETE, ALSO BEING THE SOUTHWEST PROPERTY CORNER OF LOT 1, BLOCK A | 647.37' | 1000.0000 | 1000.0000 |
| CM2 | NORTHWEST PROPERTY CORNER OF THE 0.528 ACRE TRACT, BEING A DISTANCE OF 515.80' NORTH OF THE SOUTHWEST PROPERTY CORNER OF LOT 1, BLK A | | 1515.8000 | 1000.0000 |

NOTE:
 1. ALL TOPOGRAPHIC ELEVATIONS ARE BASED ON BENCHMARK "BM1".
 2. NORTHERLY AND EASTERLY BEARINGS NOTED ABOVE ARE FOR HORIZONTAL CONTROL.

PLAN LEGEND

| | | | |
|--|--|--|--------------------------|
| | = EXIST. DRAINAGE FLOW | | = EXISTING FIRE HYDRANT |
| | = NEW DRAINAGE FLOW | | = EX. WASTEWATER MANHOLE |
| | = EXIST. CONTOUR ELEV | | = NEW FIRE HYDRANT |
| | = NEW GRADING CONTOUR | | = NEW WW MANHOLE |
| | = EXIST. SPOT ELEVATION | | = NEW STORM DRAIN MH |
| | = NEW SPOT ELEVATION | | = WATER METER |
| | = DRAINAGE DIVIDE | | = TWO-WAY WW CLEANOUT |
| | = DBL DETECTOR CHECK VAULT | | = WATER MAIN VALVE |
| | = EXIST. CHAINLINK FENCE REMOVED/REPLACED COORD LIMITS W/ ARCH | | = TEE CONNECTION |
| | = EX. LIGHT POLE & SERVICE REMOVED | | = STORM DRAIN INLET |

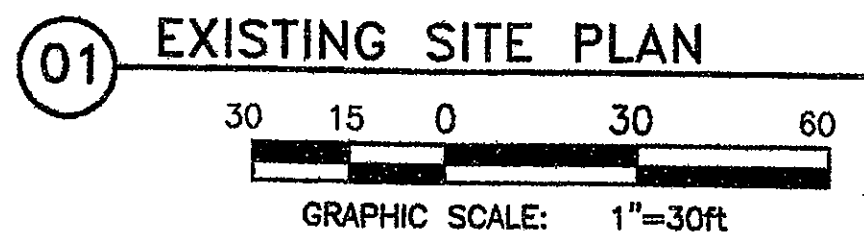
ABBREVIATIONS:
 FG = FINISH GRADE
 HP = HIGH POINT
 LP = LOW POINT
 GT = TOP GRAVEL PAVT
 PV = TOP PAVEMENT (INCLUDES WALKS)
 IRS = IRON ROD SET
 IRF = IRON ROD FOUND
 TBM = TEMP. BENCHMARK
 TC = TOP CURB (ELEV.)
 TW = TOP WALL (ELEV.)
 ME = MATCH EXIST. (ELEV.)
 FL = FLOWLINE
 EL = ELEVATION
 EX = EXISTING
 SD = STORM DRAIN
 RCP = REINF. CONC PIPE
 CSP = CORRUGATED STL. PIPE
 LS = LIGHT STANDARD
 PP = POWER POLE
 CO = CLEANOUT
 FH = FIRE HYDRANT
 MH = MANHOLE
 WW = WASTEWATER

- GENERAL PLAN NOTES**
- SEE SHEET C800 FOR GENERAL CIVIL NOTES.
 - THE CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY AND MARK THE LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO BEGINNING ANY CONSTRUCTION ACTIVITY.
 - ALL WORK SHALL BE DONE TO THE LINES, GRADES, AND ELEVATIONS SHOWN ON THESE DRAWINGS. BASIC HORIZONTAL AND VERTICAL CONTROL POINTS, ESTABLISHED BY THE ENGINEER ARE SHOWN ON THESE PLANS. THESE POINTS SHALL BE USED AS DATUM FOR WORK UNDER THIS PROJECT. ALL ADDITIONAL SURVEY, LAYOUT, OR MEASUREMENT WORK SHALL BE PERFORMED BY THE CONTRACTOR AS A PART OF THE WORK UNDER THIS CONTRACT.
 - THE CONTRACTOR WILL BE RESPONSIBLE FOR ANY DAMAGE TO EXISTING UTILITY LINES, PAVING, DRIVEWAYS, CURBS, WALKS, STEPS, RETAINING WALLS, FENCES, IRRIGATION SYSTEMS, AND OTHER SURFACE AND SUBSURFACE STRUCTURES, TOGETHER WITH ALL SOIL AND SHRUBS AFFECTED BY HIS CONSTRUCTION OPERATIONS. RESTORATION OF ALL DAMAGED PROPERTY TO ITS ORIGINAL CONDITION SHALL BE PERFORMED BY AND AT THE EXPENSE OF THE CONTRACTOR.
 - THE CONTRACTOR SHALL VERIFY ALL CONDITIONS AT THE JOB SITE AND NOTIFY THE OWNER'S REPRESENTATIVE OF ANY OMISSIONS, DISCREPANCIES, OR DIMENSIONAL ERRORS PRIOR TO BEGINNING OR FABRICATING ANY WORK, OTHERWISE THE CORRECTIONS (AND ASSOCIATED COSTS) WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.
 - ALL DEMOLITION AND EXCAVATED MATERIALS SHALL BE LEGALLY DISPOSED OF THE SITE BY THE GENERAL CONTRACTOR.
 - IN THE EVENT THAT UNCHARTED UTILITIES OR OTHER UNFORESEEN FIELD CONDITIONS REQUIRE MODIFICATIONS OF THE DRAWINGS, THE CONTRACTOR SHALL OBTAIN THE APPROVAL OF THE OWNER'S REPRESENTATIVE BEFORE PROCEEDING WITH THE WORK.
 - CONSTRUCTION ACTIVITY SHALL CONFORM TO ALL CITY OF ADDISON REQUIREMENTS. CONTRACTOR SHALL BE RESPONSIBLE TO OBTAIN ALL APPLICABLE PERMITS FOR THIS PROJECT, UNLESS OTHERWISE AGREED.

NOTE:
 ALL PUBLIC UTILITIES (WATER, SEWER, ELECTRIC, ETC.) SERVING THE EXISTING BUILDING TO BE REMOVED SHALL BE ABANDONED AT THE SERVICE POINT IN ACCORDANCE WITH CITY OF ADDISON STANDARDS

FIRST DALLAS INVESTORS COMPANY
 VOL. 81076, PG. 2423

AMERICAN COLDSET CORPORATION
 VOL. 76084, PG. 1477

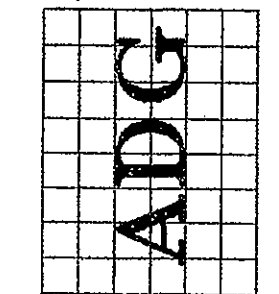


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 AFFIXATION DATE:

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 Architecture - Interior Architecture
 1750 North Collins Blvd, Suite 214
 Richardson, Texas 75080
 Tel: (972) 437-4011 Fax: (972) 671-9191



AIRCORP
15900 DOOLEY ROAD
 ADDISON, TEXAS

Job No.
00018

Plan No.

Date
31 JAN 2005

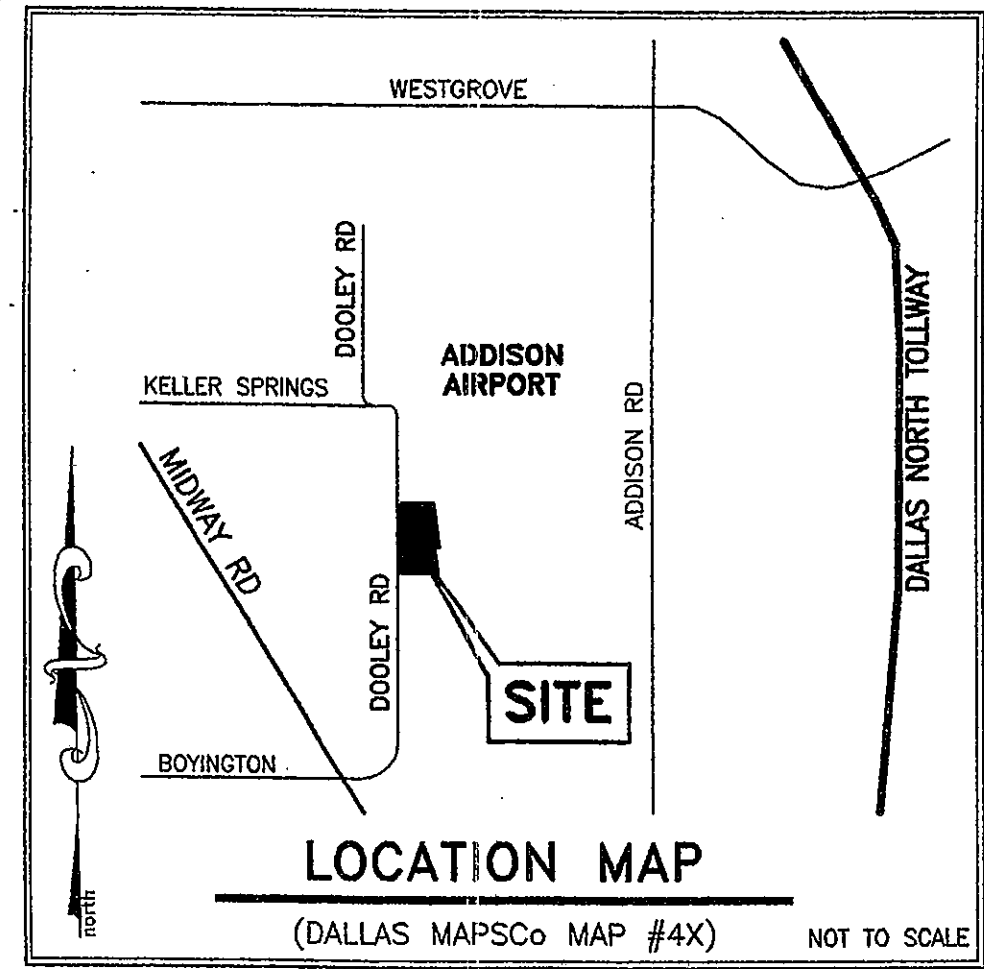
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Revisions
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Sheet Title
EXISTING SITE PLAN

Sheet No.

C100



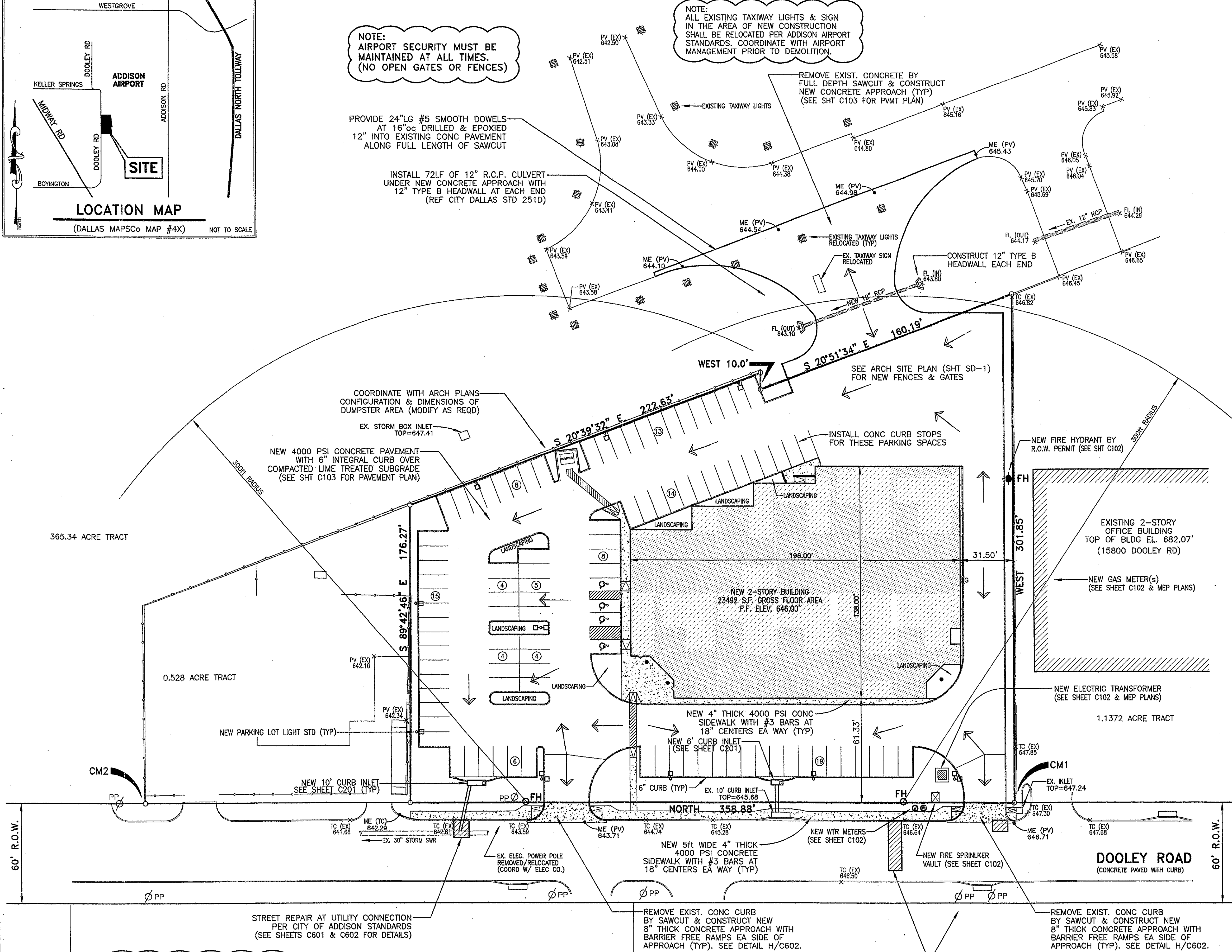
NOTE:
AIRPORT SECURITY MUST BE
MAINTAINED AT ALL TIMES.
(NO OPEN GATES OR FENCES)

NOTE:
ALL EXISTING TAXIWAY LIGHTS & SIGN
IN THE AREA OF NEW CONSTRUCTION
SHALL BE RELOCATED PER ADDISON AIRPORT
STANDARDS. COORDINATE WITH AIRPORT
MANAGEMENT PRIOR TO DEMOLITION.

PROVIDE 24" LG #5 SMOOTH DOWELS
AT 16" OC DRILLED & EPOXIED
12" INTO EXISTING CONC PAVEMENT
ALONG FULL LENGTH OF SAWCUT

INSTALL 72LF OF 12" R.C.P. CULVERT
UNDER NEW CONCRETE APPROACH WITH
12" TYPE B HEADWALL AT EACH END
(REF CITY DALLAS STD 251D)

REMOVE EXIST. CONCRETE BY
FULL DEPTH SAWCUT & CONSTRUCT
NEW CONCRETE APPROACH (TYP)
(SEE SHT C103 FOR PVMT PLAN)



| BENCHMARKS | | | | |
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| PLAN LEGEND | | | |
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| | = NEW DRAINAGE FLOW | | = EX. WASTEWATER MANHOLE |
| | = EXISTING CONTOUR | | = NEW FIRE HYDRANT |
| | = NEW GRADING CONTOUR | | = NEW WW MANHOLE |
| | = NEW PAVING CONTOUR | | = NEW WASTEWATER MAIN |
| | = EX. SPOT ELEVATION | | = NEW WATER MAIN |
| | = NEW SPOT ELEVATION | | = EXISTING WATER VALVE |
| | = EXISTING FENCE | | = NEW WATER VALVE |
| | = DRAINAGE DIVIDE | | = NEW STORM SEWER PIPE |
| | = EROSION CONTROL BARRIER | | = NEW STORM SEWER MH |
| | = EXISTING TREE(S) | | = EX. CURB INLET |
| | = NEW STORM DRAIN INLET | | |

- GENERAL PLAN NOTES
- SEE SHEET C600 FOR GENERAL CIVIL NOTES AND ONSITE UTILITY EASEMENT(S).
 - SEE SHEET C602 FOR SITEWORK AND PAVING DETAILS.
 - THE CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY AND MARK THE LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO BEGINNING ANY CONSTRUCTION ACTIVITY.
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 - THE CONTRACTOR SHALL VERIFY ALL CONDITIONS AT THE JOB SITE AND NOTIFY THE OWNER'S REPRESENTATIVE OF ANY OMISSIONS, DISCREPANCIES, OR DIMENSIONAL ERRORS PRIOR TO BEGINNING OR FABRICATING ANY WORK, OTHERWISE THE CORRECTIONS (AND ASSOCIATED COSTS) WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.
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 - CONSTRUCTION ACTIVITY SHALL CONFORM TO ALL CITY OF ADDISON REQUIREMENTS. CONTRACTOR SHALL BE RESPONSIBLE TO OBTAIN ALL APPLICABLE PERMITS FOR THIS PROJECT, UNLESS OTHERWISE AGREED.

- ACCESSIBILITY STANDARDS
- CONCRETE RAMPS, PARKING SIGNAGE, AND RAMP HANDRAILS SHALL CONFORM WITH TEXAS ACCESSIBILITY STANDARDS ADOPTED BY THE TEXAS DEPARTMENT OF LICENSING AND REGULATION IN COMPLIANCE WITH THE TEXAS ARCHITECTURAL BARRIERS ACT, ARTICLE 9102, TEXAS CIVIL STATUTES.
 - ALL ACCESSIBILITY ROUTES FOR THIS PROJECT SHALL HAVE A SLOPE NOT GREATER THAN 1:20 (5%). ACCESSIBILITY ROUTES HAVING A SLOPE GREATER THAN 1:20 SHALL BE CONSIDERED A RAMP AND SHALL CONFORM WITH TEXAS ACCESSIBILITY STANDARDS.
 - ANY RAMP (EXCLUDING CURB RAMPS) HAVING A HORIZONTAL PROJECTION GREATER THAN 72-INCHES SHALL HAVE HANDRAILS ON BOTH SIDES CONFORMING WITH TEXAS ACCESSIBILITY STANDARDS.
 - A TOTAL OF FOUR (4) ACCESSIBLE PARKING SPACES SHALL BE PROVIDED FOR THIS PROJECT AS SHOWN ON THE PLANS. THE ONE ACCESSIBLE PARKING SPACE SHALL BE DESIGNATED AS "VAN ACCESSIBLE".
 - ACCESSIBLE PARKING SIGNAGE SHALL BE PROVIDED FOR EACH ACCESSIBLE PARKING SPACE IN CONFORMANCE WITH TEXAS ACCESSIBILITY STANDARDS.

NOTE:
ALL PUBLIC UTILITIES (WATER, SEWER, ELECTRIC, ETC.)
SERVING THE EXISTING BUILDING TO BE REMOVED
SHALL BE ABANDONED AT THE SERVICE POINT
IN ACCORDANCE WITH CITY OF ADDISON STANDARDS

NOTE:
SEE SHEET C601 FOR
STORM DRAIN PROFILES
AND DETAILS

NOTE:
SEE SHEET C600 FOR
GENERAL CIVIL NOTES

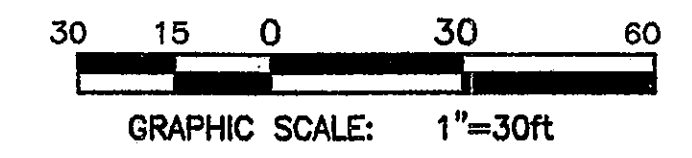
NOTE:
SEE SHEET C602
FOR SITEWORK &
PAVING DETAILS

NOTE:
SEE SHEET C401
FOR PAVING PLAN

STREET REPAIR AT UTILITY CONNECTION
PER CITY OF ADDISON STANDARDS
(SEE SHEETS C601 & C602 FOR DETAILS)

REMOVE EXIST. CONC CURB
BY SAWCUT & CONSTRUCT NEW
8" THICK CONCRETE APPROACH WITH
BARRIER FREE RAMPS EA SIDE OF
APPROACH (TYP). SEE DETAIL H/C602.

01 PROPOSED SITE PLAN



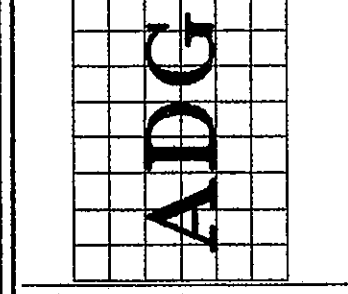
CARRERA consulting engineers, inc.
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AFFIXATION DATE:

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AIRCORP DOOLEY ROAD
ADDISON, TEXAS

Job No.
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Plan No.

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31 JAN 2005

Drawn By
Ccei

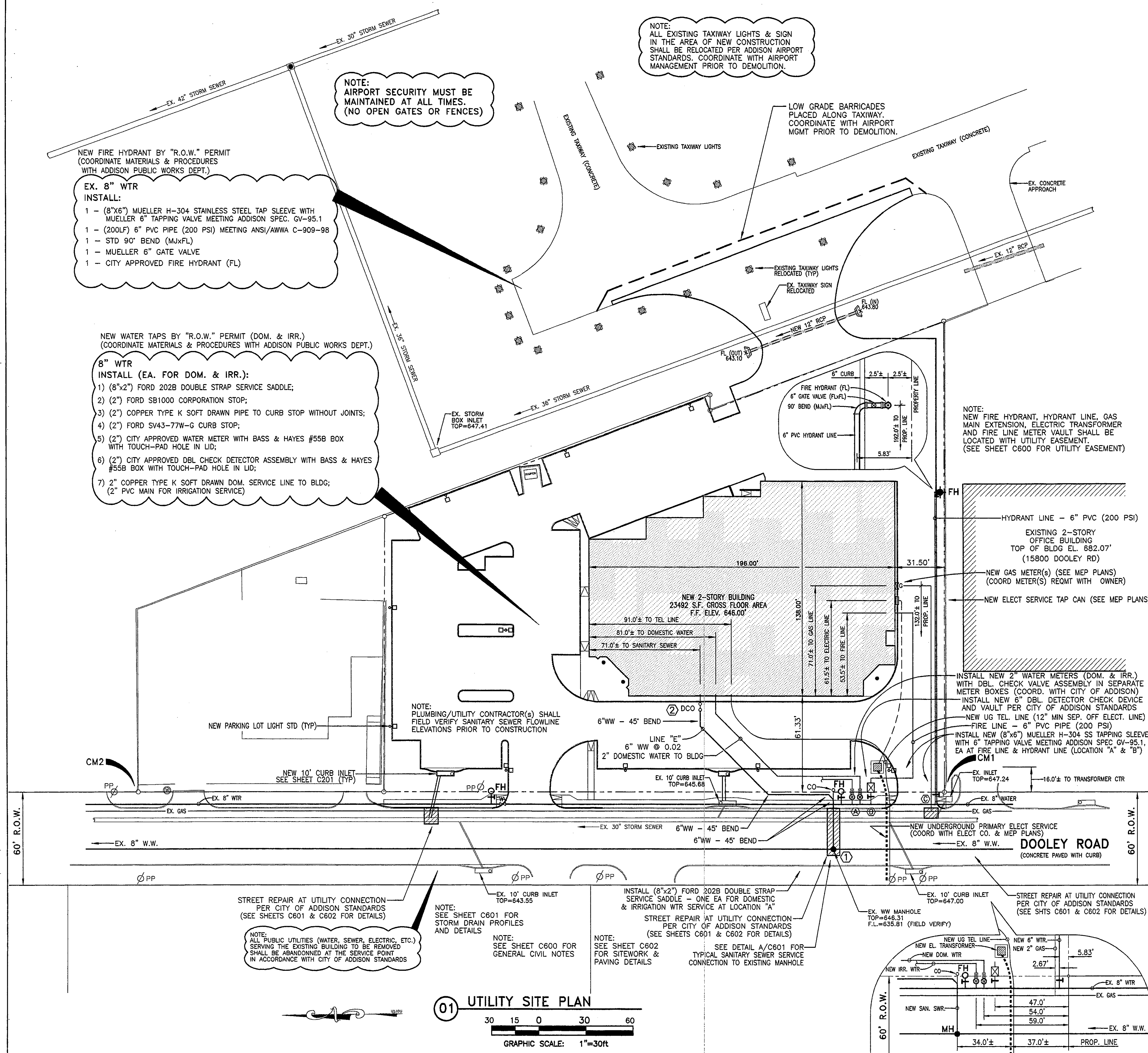
Revisions
19 MAY 2005
02 JUN 2005

Sheet Title
PROPOSED SITE PLAN

Sheet No.

C101

of 16



NEW FIRE HYDRANT BY "R.O.W." PERMIT
(COORDINATE MATERIALS & PROCEDURES WITH ADDISON PUBLIC WORKS DEPT.)

EX. 8" WTR INSTALL:

- 1 - (8"x6") MUELLER H-304 STAINLESS STEEL TAP SLEEVE WITH MUELLER 6" TAPPING VALVE MEETING ADDISON SPEC. GV-95.1
- 1 - (200LF) 6" PVC PIPE (200 PSI) MEETING ANSI/AWWA C-909-98
- 1 - STD 90° BEND (MJxFL)
- 1 - MUELLER 6" GATE VALVE
- 1 - CITY APPROVED FIRE HYDRANT (FL)

NEW WATER TAPS BY "R.O.W." PERMIT (DOM. & IRR.)
(COORDINATE MATERIALS & PROCEDURES WITH ADDISON PUBLIC WORKS DEPT.)

8" WTR INSTALL (EA. FOR DOM. & IRR.):

- 1) (8"x2") FORD 202B DOUBLE STRAP SERVICE SADDLE;
- 2) (2") FORD SB1000 CORPORATION STOP;
- 3) (2") COPPER TYPE K SOFT DRAWN PIPE TO CURB STOP WITHOUT JOINTS;
- 4) (2") FORD SV43-77W-G CURB STOP;
- 5) (2") CITY APPROVED WATER METER WITH BASS & HAYES #55B BOX WITH TOUCH-PAD HOLE IN LID;
- 6) (2") CITY APPROVED DBL CHECK DETECTOR ASSEMBLY WITH BASS & HAYES #55B BOX WITH TOUCH-PAD HOLE IN LID;
- 7) 2" COPPER TYPE K SOFT DRAWN DOM. SERVICE LINE TO BLDG; (2" PVC MAIN FOR IRRIGATION SERVICE)

PLAN LEGEND

| | | | |
|-----------------|---------------------------|------|--------------------------|
| → | = EX. DRAINAGE FLOW | ○ FH | = EXISTING FIRE HYDRANT |
| → | = NEW DRAINAGE FLOW | ● MH | = EX. WASTEWATER MANHOLE |
| - - - 620 - - - | = EXISTING CONTOUR | ◆ FH | = NEW FIRE HYDRANT |
| - - - 625 - - - | = NEW GRADING CONTOUR | ○ MH | = NEW WW MANHOLE |
| - - - 630 - - - | = NEW PAVING CONTOUR | — | = NEW WASTEWATER MAIN |
| 620.0 + | = EX. SPOT ELEVATION | — | = NEW WATER MAIN |
| PV 620.0 ● | = NEW SPOT ELEVATION | WV | = EXISTING WATER VALVE |
| - * - * - * - | = EXISTING FENCE | T | = NEW WATER VALVE |
| - - - - - | = DRAINAGE DIVIDE | — | = NEW STORM SEWER PIPE |
| - - - - - | = EROSION CONTROL BARRIER | — | = NEW STORM SEWER MH |
| ○ | = EXISTING TREE(S) | — | = EX. CURB INLET |
| | | — | = NEW STORM DRAIN INLET |

WASTEWATER

| LOCATION | DESCRIPTION |
|----------|--|
| ① | STA 0+00 LINE "E" BY "R.O.W." PERMIT: CONNECT NEW 6" WASTEWATER LATERAL TO EXISTING MANHOLE 6" WW FLOWLINE (IN) ELEV. = 636.40' |
| ② | STA 1+50 END LINE "E" INSTALL: 1 - 6" TWO WAY CLEANOUT 6" WW FLOWLINE ELEV. = 639.40' (COORDINATE WITH MEP PLANS) |

WATER SERVICE

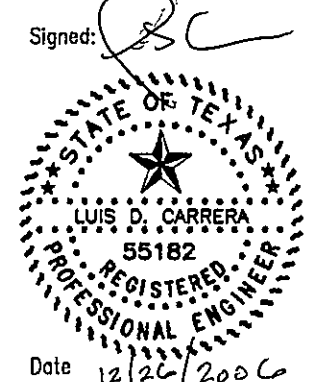
| LOCATION | DESCRIPTION |
|----------|--|
| A | STA 0+00 WATER TAPS BY R.O.W. PERMIT INSTALL (EA. FOR DOMESTIC & IRRIGATION SERVICE): 1 - (8"x2") FORD 202B DBL STRAP SERVICE SADDLE 1 - (2") FORD SB1000 CORPORATION STOP 1 - (2") COPPER TYPE K SOFT DRAWN PIPE TO CURB STOP W/O JNT 1 - (2") FORD SV43-77W-G CURB STOP 1 - (2") CITY APPROVED WATER METER WITH BASS & HAYES #55B BOX WITH TOUCH-PAD HOLE IN LID 1 - (2") CITY APPROVED DBL CHECK DETECTOR ASSEMBLY WITH BASS & HAYES #55B BOX WITH TOUCH-PAD HOLE IN LID 1 - 130LF OF 2" COPPER TYPE K SOFT DRAWN PIPE PLUGGED 2.0' FROM BLDG (USE 2" PVC PIPE FOR IRR. SERVICE) |
| B | STA 0+00 FIRE LINE INSTALL BY R.O.W. PERMIT: 1 - (8"x6") MUELLER H-304 STAINLESS STEEL TAP SLEEVE WITH MUELLER 6" TAPPING VALVE MEETING ADDISON SPEC. GV-95.1 1 - 6" DBL DETECTOR CHECK DEVICE WITH BY-PASS METER & PRECAST VAULT PER CITY OF ADDISON STANDARDS 1 - 130LF OF 6" PVC PIPE (200 PSI) MEETING ANSI/AWWA C-909-98 PLUG LINE 2.0' FROM BLDG (COORD WITH MEP PLANS) |
| C | STA 0+00 FIRE HYDRANT LINE INSTALL BY R.O.W. PERMIT: 1 - (8"x6") MUELLER H-304 STAINLESS STEEL TAP SLEEVE WITH MUELLER 6" TAPPING VALVE MEETING ADDISON SPEC. GV-95.1 1 - 200LF OF 6" PVC PIPE (200 PSI) MEETING ANSI/AWWA C-909-98 1 - STD 90° BEND (MJxFL) 1 - MUELLER 6" GATE VALVE (FLxFL) 1 - CITY APPROVED FIRE HYDRANT (FL) |

GENERAL PLAN NOTES

- SEE SHEET C600 FOR GENERAL CIVIL NOTES AND ONSITE UTILITY EASEMENT(S).
- SEE SHEET C602 FOR SITING AND PAVING DETAILS.
- ALL WATER PIPE SHALL CONFORM TO ANSI/AWWA C-909-98 FOR MOLECULARLY ORIENTED PVC PRESSURE PIPE FOR WATER DISTRIBUTION. PIPE SHALL BE 150 PSI MINIMUM CLASS RATING FOR DOMESTIC USE, AND 200 PSI MINIMUM CLASS RATING FOR FIRE LINE AND HYDRANT LINE APPLICATIONS.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY AND MARK THE LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO BEGINNING ANY CONSTRUCTION ACTIVITY.
- THE CONTRACTOR SHALL FIELD VERIFY WITH THE CITY OF ADDISON PUBLIC WORKS DEPARTMENT THE POSSIBLE EXISTENCE OF A SANITARY SEWER LATERAL SERVING THE EAST SIDE OF THE STREET NEAR THIS PROJECT, PRIOR TO MAKING INDICATED SANITARY SEWER TAP.
- CAUTION!!! CONTACT DIG TESS AT (800) 395-0440 AND/OR OTHER UTILITY LOCATING SERVICES AT LEAST 48-HOURS PRIOR TO ANY CONSTRUCTION ACTIVITY.
- CONSTRUCTION ACTIVITY SHALL CONFORM TO ALL CITY OF ADDISON REQUIREMENTS. CONTRACTOR SHALL BE RESPONSIBLE TO OBTAIN ALL APPLICABLE PERMITS FOR THIS PROJECT, UNLESS OTHERWISE AGREED.
- ALL WATER SERVICE TAPS, VALVES, METERS, BACKFLOW PREVENTION ASSEMBLY, METER BOXES, FIRE HYDRANTS, PIPE, AND ALL OTHER APPURTENANCES SHALL CONFORM WITH APPROVED TOWN OF ADDISON MATERIAL SPECIFICATIONS. INSTALLATION OF THESE MATERIALS SHALL BE IN ACCORDANCE WITH APPROVED PROCEDURES OF THE TOWN OF ADDISON. CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE WITH THE TOWN OF ADDISON TO INSURE COMPLIANCE WITH ALL APPLICABLE SPECIFICATIONS AND PROCEDURES.

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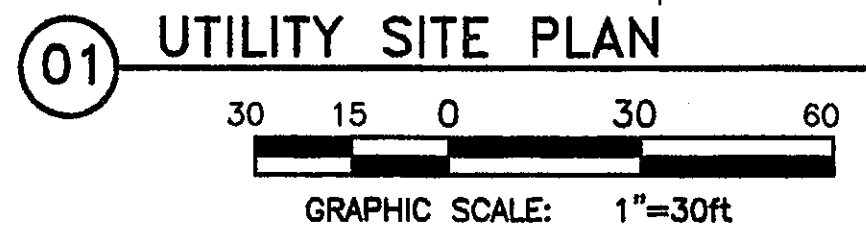
Revisions
 ▲ 19 MAY 2005
 ▲ 02 JUN 2005
 ▲ 26 DEC 2006

Sheet Title
UTILITY SITE PLAN "AS-BUILT"

Sheet No.

C102

of 16

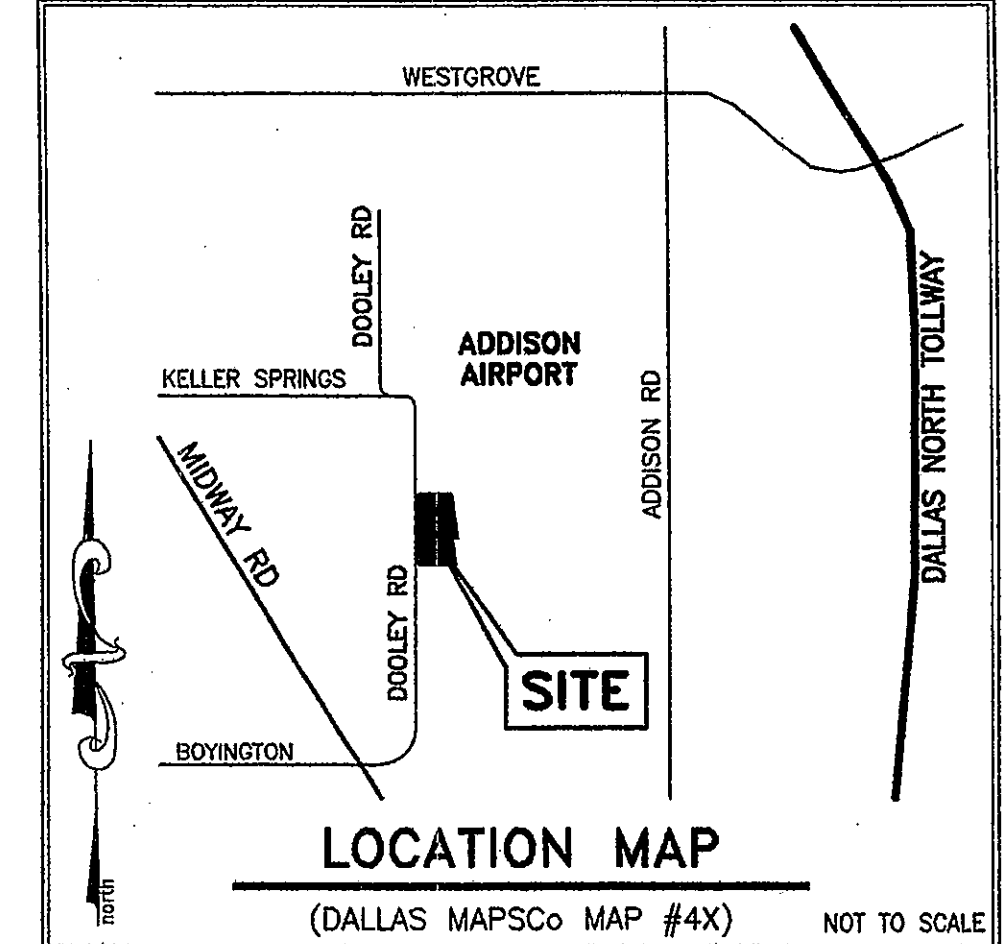


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ALONG FULL LENGTH OF SAWCUT

LOW GRADE BARRICADES
PLACED ALONG TAXIWAY.
COORDINATE WITH AIRPORT
MGMT PRIOR TO DEMOLITION.



LEGEND - PAVEMENT SECTION

| | |
|--|---|
| | 5-INCH THICK 4000 PSI CONC PAVEMENT WITH #3 BARS AT 18" CENTER EACH WAY OVER 6-INCH THICK LIME SUBGRADE |
| | 6-INCH THICK 4000 PSI CONC PAVEMENT WITH #3 BARS AT 18" CENTER EACH WAY OVER 6-INCH THICK LIME SUBGRADE |
| | 7-INCH THICK 4000 PSI CONC PAVEMENT WITH #4 BARS AT 18" CENTER EACH WAY OVER 6-INCH THICK LIME SUBGRADE |
| | 10-INCH THICK 4000 PSI CONC PAVEMENT WITH #4 BARS AT 16" CENTER EACH WAY OVER 6-INCH THICK CRUSH STONE BASE OVER 9-INCH THICK LIME SUBGRADE |

BENCHMARKS

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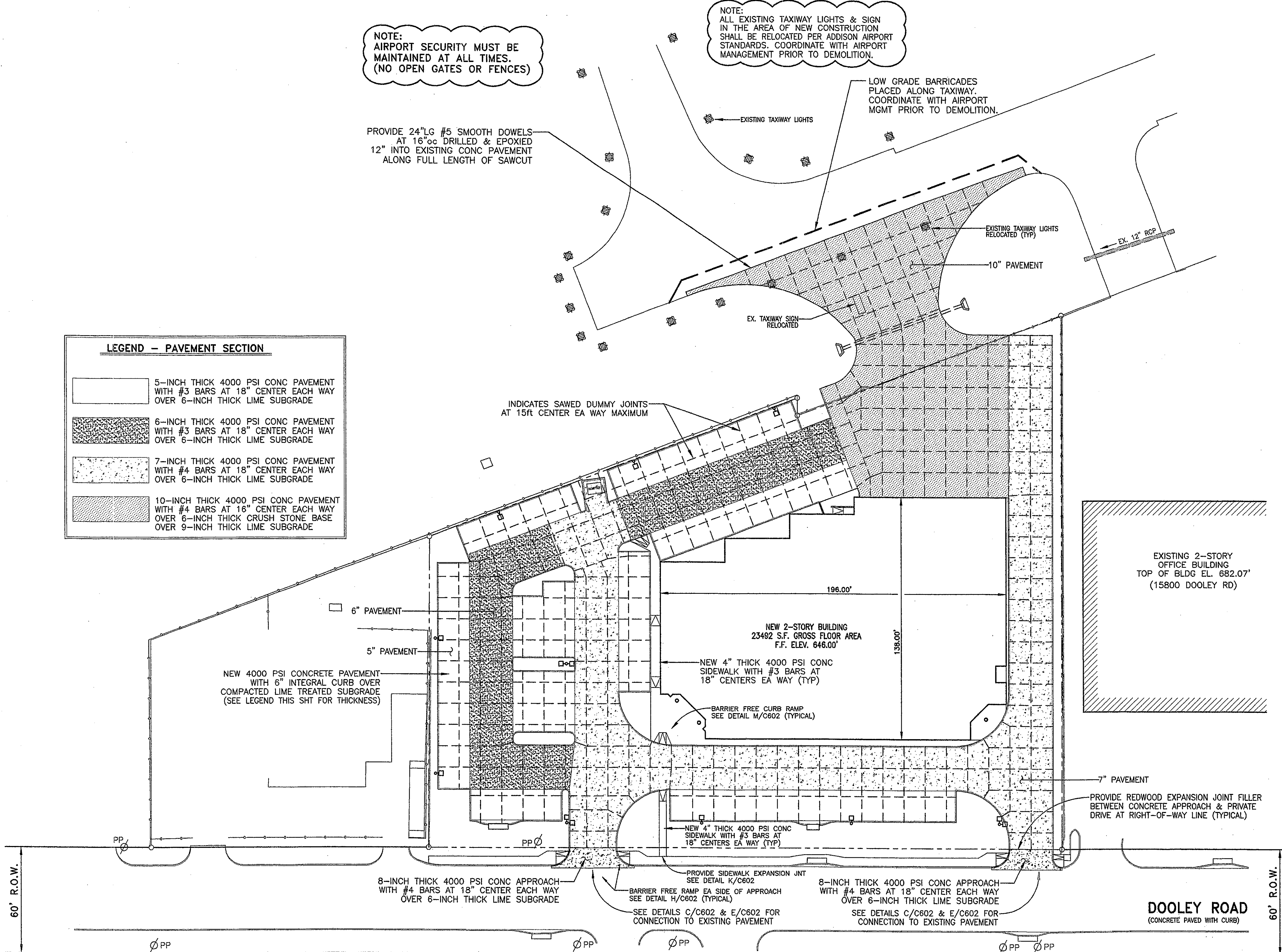
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| | = NEW SPOT ELEVATION | | = EXISTING WATER VALVE |
| | = EXISTING FENCE | | = NEW WATER VALVE |
| | = DRAINAGE DIVIDE | | = NEW STORM SEWER PIPE |
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| | = NEW STORM DRAIN INLET | | |

GENERAL PLAN NOTES

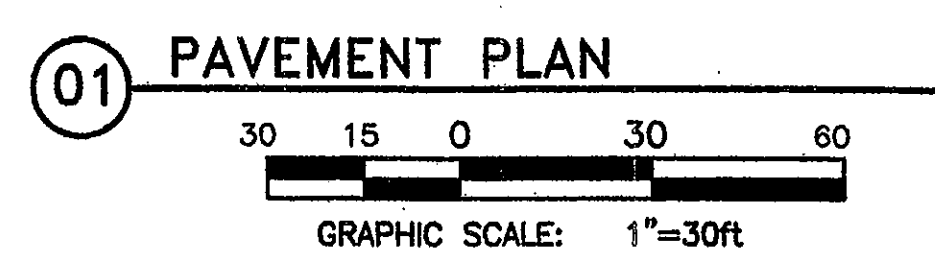
- SEE SHEET C600 FOR GENERAL CIVIL NOTES AND ONSITE UTILITY EASEMENT(S).
- SEE SHEET C602 FOR SITEWORK AND PAVING DETAILS.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY AND MARK THE LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO BEGINNING ANY CONSTRUCTION ACTIVITY.
- ALL WORK SHALL BE DONE TO THE LINES, GRADES, AND ELEVATIONS SHOWN ON THESE DRAWINGS. BASIC HORIZONTAL AND VERTICAL CONTROL POINTS, ESTABLISHED BY THE ENGINEER ARE SHOWN ON THESE PLANS. THESE POINTS SHALL BE USED AS DATUM FOR WORK UNDER THIS PROJECT. ALL ADDITIONAL SURVEY, LAYOUT, OR MEASUREMENT WORK SHALL BE PERFORMED BY THE CONTRACTOR AS A PART OF THE WORK UNDER THIS CONTRACT.
- CONSTRUCTION ACTIVITY SHALL CONFORM TO ALL CITY OF ADDISON REQUIREMENTS. CONTRACTOR SHALL BE RESPONSIBLE TO OBTAIN ALL APPLICABLE PERMITS FOR THIS PROJECT, UNLESS OTHERWISE AGREED.



NOTE:
ALL RIGHT-OF-WAY CONCRETE CONSTRUCTION (SIDEWALKS & APPROACHES)
SHALL BE IN ACCORDANCE WITH TOWN OF ADDISON PROCEDURES & SPECIFICATIONS.

NOTE:
SEE SHEET C600 FOR
GENERAL CIVIL NOTES

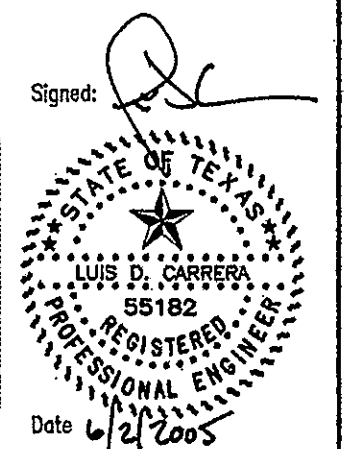
NOTE:
SEE SHEET C602
FOR SITEWORK &
PAVING DETAILS



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Structural, Civil, & Construction Engineering

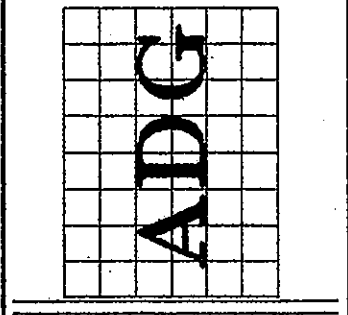
3930 Meredith Avenue
Dallas, Texas 75211

Tel: (214) 330-4771
Fax: (214) 330-2167



Expiration Date:
Affixation Date:

Addison Design Group, LLC
Architecture - Interior Architecture
1750 North Collins Blvd. Suite 214
Richardson, Texas 75080
Tel: (972) 437-4611 Fax: (972) 437-4611



AIRCORP ROAD
15900 DOOLEY ROAD
ADDISON, TEXAS

Job No.
00018

Plan No.

Date
31 JAN 2005

Drawn By
Ccei

Revisions
19 MAY 2005
02 JUN 2005

Sheet Title
PAVEMENT PLAN

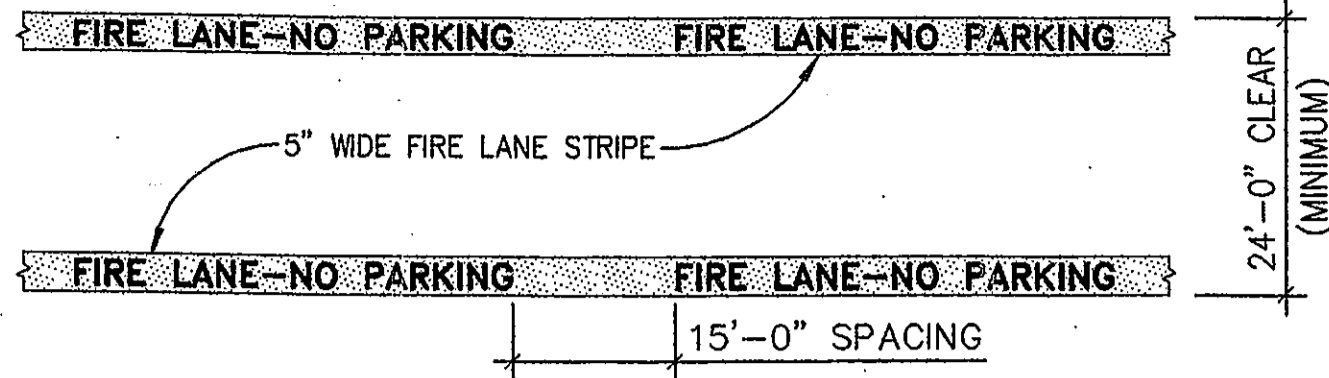
Sheet No.

C103

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STRIPING NOTES:

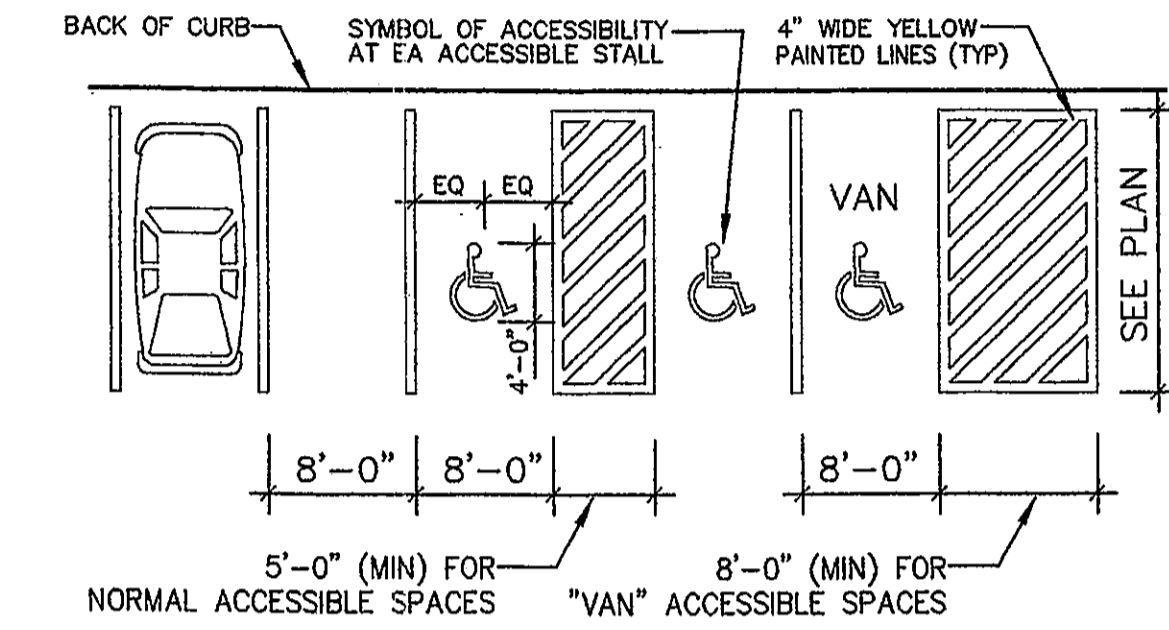
- A. PAINT:
 1. STRIPE SHALL BE FIVE (5) INCHES WIDE PAINTED WITH AN EXTERIOR ACRYLIC LATEX PAINT.
 2. STRIPE COLOR SHALL BE "TRAFFIC RED" GLIDDEN #63251 OR EQUAL.
 3. LETTERS SHALL BE FOUR (4) INCHES HIGH PAINTED WITH AN EXTERIOR ACRYLIC LATEX PAINT.
 4. LETTER COLOR SHALL "TRAFFIC WHITE" GLIDDEN #563245 OR EQUAL.
- B. APPLICATION:
 1. STRIPE MAY BE BRUSHED OR SPRAYED, ONE COAT TO FINISH.
 2. LETTERS SHALL BE STENCIL FORMED BRUSHED APPLIED AND SPACED AS DETAILED THIS SHEET.



A TYP FIRE LANE STRIPING DETAIL

not to scale

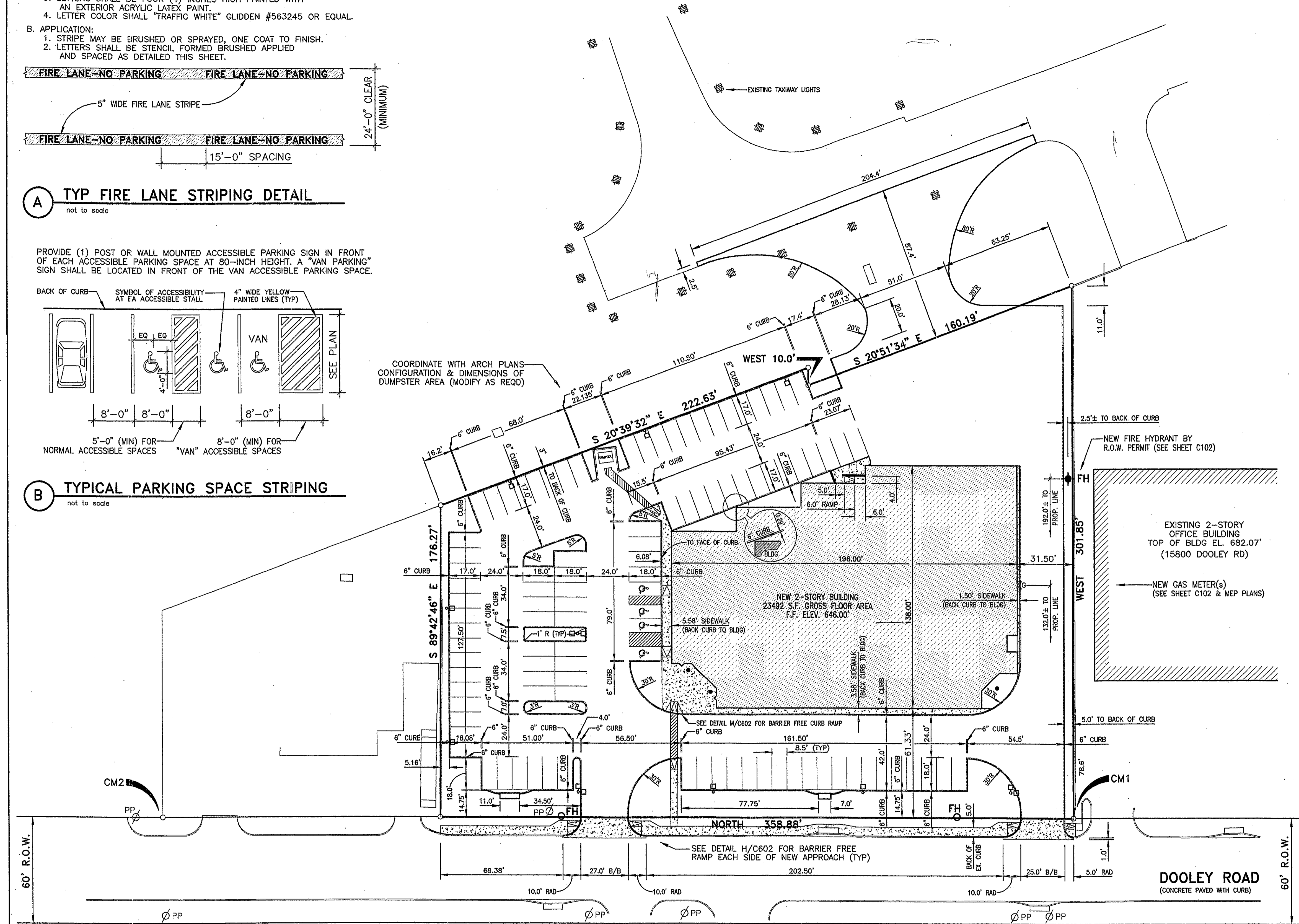
PROVIDE (1) POST OR WALL MOUNTED ACCESSIBLE PARKING SIGN IN FRONT OF EACH ACCESSIBLE PARKING SPACE AT 80-INCH HEIGHT. A "VAN PARKING" SIGN SHALL BE LOCATED IN FRONT OF THE VAN ACCESSIBLE PARKING SPACE.



B TYPICAL PARKING SPACE STRIPING

not to scale

COORDINATE WITH ARCH PLANS CONFIGURATION & DIMENSIONS OF DUMPSTER AREA (MODIFY AS REQD)

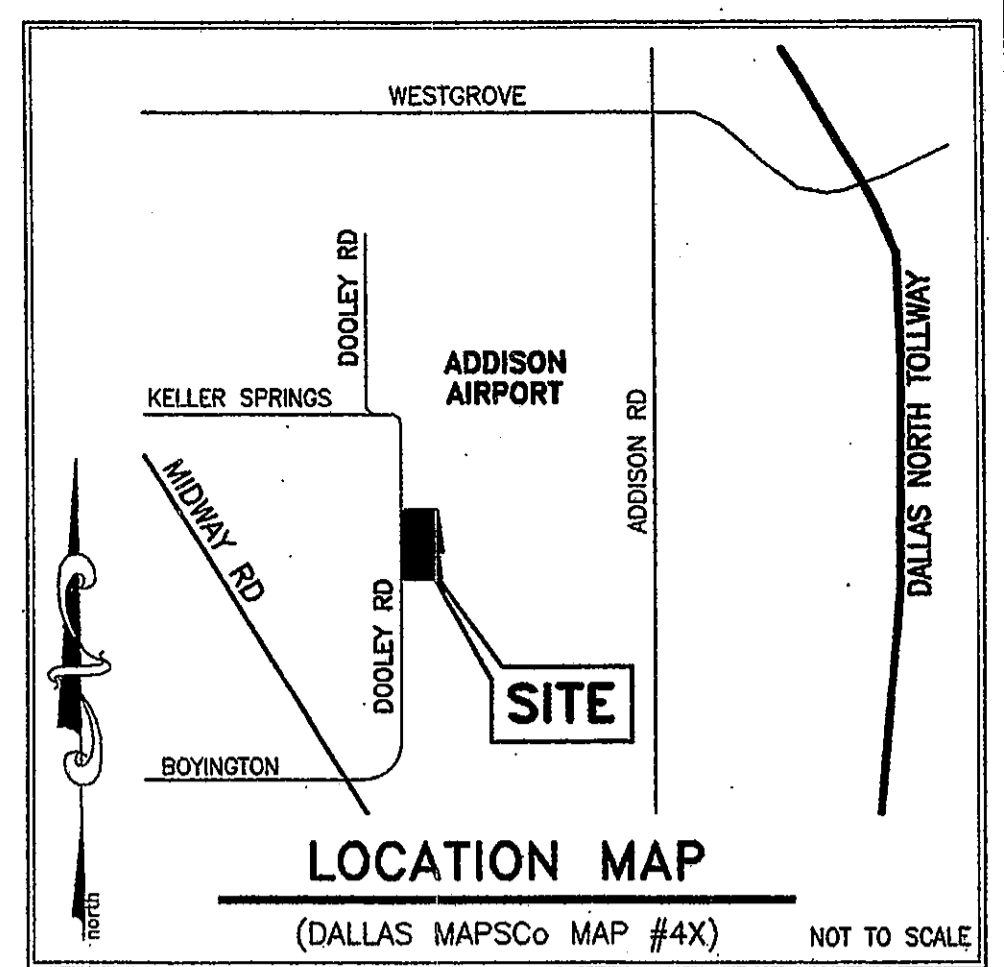
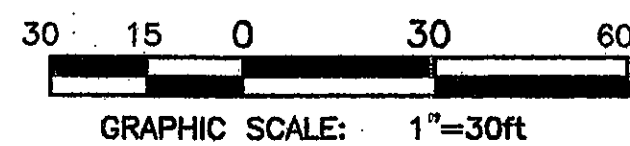


NOTE: ALL PUBLIC UTILITIES (WATER, SEWER, ELECTRIC, ETC.) SERVING THE EXISTING BUILDING TO BE REMOVED SHALL BE ABANDONED AT THE SERVICE POINT IN ACCORDANCE WITH CITY OF ADDISON STANDARDS

NOTE: SEE SHEET C600 FOR GENERAL CIVIL NOTES

NOTE: SEE SHEET C602 FOR SITINGWORK & PAVING DETAILS

01 DIMENSION CONTROL PLAN



BENCHMARKS

| MARK | DESCRIPTION | ELEV. | N | E |
|------|---|---------|-----------|-----------|
| BM1 | SQUARE CUT OF THE SOUTHWEST TOP OF CURB CORNER THE BACK SIDE PARKING LOT AT 15950 MIDWAY ROAD | 637.75' | | |
| CM1 | "X" CUT ON CONCRETE, ALSO BEING THE SOUTHWEST PROPERTY CORNER OF LOT 1, BLOCK A | 647.37' | 1000.0000 | 1000.0000 |
| CM2 | NORTHWEST PROPERTY CORNER OF THE 0.528 ACRE TRACT, BEING A DISTANCE OF 515.80' NORTH OF THE SOUTHWEST PROPERTY CORNER OF LOT 1, BLK A | | 1515.8000 | 1000.0000 |

NOTE:
 1. ALL TOPOGRAPHIC ELEVATIONS ARE BASED ON BENCHMARK "BM1".
 2. NORTHERLY AND EASTERLY BEARINGS NOTED ABOVE ARE FOR HORIZONTAL CONTROL.

PLAN LEGEND

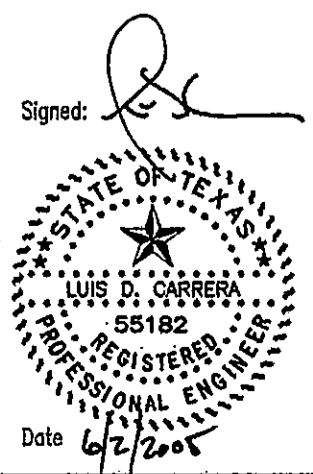
| | | | |
|--|---------------------------|--|--------------------------|
| | = EX. DRAINAGE FLOW | | = EXISTING FIRE HYDRANT |
| | = NEW DRAINAGE FLOW | | = EX. WASTEWATER MANHOLE |
| | = EXISTING CONTOUR | | = NEW FIRE HYDRANT |
| | = NEW GRADING CONTOUR | | = NEW WW MANHOLE |
| | = NEW PAVING CONTOUR | | = NEW WASTEWATER MAIN |
| | = EX. SPOT ELEVATION | | = NEW WATER MAIN |
| | = NEW SPOT ELEVATION | | = EXISTING WATER VALVE |
| | = EXISTING FENCE | | = NEW WATER VALVE |
| | = DRAINAGE DIVIDE | | = NEW STORM SEWER PIPE |
| | = EROSION CONTROL BARRIER | | = NEW STORM SEWER MH |
| | = EXISTING TREE(S) | | = EX. CURB INLET |
| | | | = NEW STORM DRAIN INLET |

FF = FINISH FLOOR B/B = BACK TO BACK (CURB) CM = CONTROL MONUMENT CO = CLEANOUT
 FG = FINISH GRADE PV = TOP OF PAVEMENT (EL) IRF = IRON ROD FOUND FH = FIRE HYDRANT
 HP = HIGH POINT TC = TOP OF CURB (EL) IRS = IRON ROD SET LS = LIGHT STANDARD
 LP = LOW POINT TW = TOP OF WALL (EL) TBM = TEMP. BENCHMARK PP = POWER POLE
 ME = MATCH EXISTING (EL) SD = STORM DRAIN CSP = CORRUGATED STL. PIPE MH = MANHOLE
 EL = ELEVATION FL = FLOWLINE RCP = REINF. CONC. PIPE WW = WASTEWATER

- GENERAL PLAN NOTES**
- SEE SHEET C600 FOR GENERAL CIVIL NOTES AND ONSITE UTILITY EASEMENT(S).
 - SEE SHEET C602 FOR SITINGWORK AND PAVING DETAILS.
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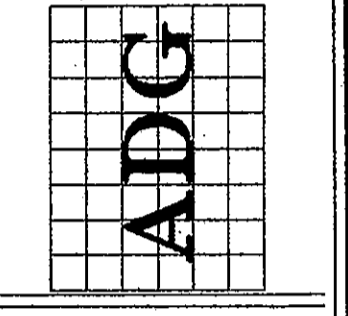
CARRERA consulting engineers, inc.
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3930 Meredith Avenue Dallas, Texas 75211 Tel: (214) 330-4771 Fax: (214) 330-2167



EXPIRATION DATE:
 AFFIXATION DATE:

Addison Design Group, LLC
 Architecture - Interior Architecture
 1760 North Collins Blvd, Suite 214
 Richardson, Texas 75080
 Tel: (972) 437-4611 Fax: (972) 671-9191



AIRCORP DOOLEY ROAD
 ADDISON, TEXAS

Job No. **00018**

Plan No.

Date **31 JAN 2005**

Drawn By **Ccel**

Revisions
 ▲ 19 MAY 2005
 ▲ 02 JUN 2005

Sheet Title **DIMENSION CONTROL PLAN**

Sheet No.

C200

of 16

NOTE:
AIRPORT SECURITY MUST BE MAINTAINED AT ALL TIMES. (NO OPEN GATES OR FENCES)

NOTE:
ALL EXISTING TAXIWAY LIGHTS & SIGN IN THE AREA OF NEW CONSTRUCTION SHALL BE RELOCATED PER ADDISON AIRPORT STANDARDS. COORDINATE WITH AIRPORT MANAGEMENT PRIOR TO DEMOLITION.

INSTALL 72LF OF 12" R.C.P. CULVERT UNDER NEW CONCRETE APPROACH WITH 12" TYPE B HEADWALL AT EACH END (REF CITY DALLAS STD 251D)

EX. STORM BOX INLET TOP=647.41

NEW FIRE HYDRANT BY R.O.W. PERMIT (SEE SHEET C102)

EXISTING 2-STORY OFFICE BUILDING TOP OF BLDG EL. 682.07' (15800 DOOLEY RD)

NEW GAS METER(S) (SEE SHEET C102 & MEP PLANS)

STA 0+27.5 - END LINE "B"
INSTALL 10' REC. INLET
TOP = 642.50'
F.L.(out) = 638.50'
N=1325.5000 E=1010.2500

STA 0+16 - END LINE "A"
INSTALL 6' REC. INLET
TOP = 644.50'
F.L.(out) = 642.43'
N=1141.2500 E=1010.2500

INSTALL 16 L.F. OF 12" R.C.P. AT 0.011

STA 0+00 - LINE "B"
CONNECT 18" R.C.P. TO EXIST. 30" R.C.P. BY "R.O.W." PERMIT
F.L.(in) = 638.19' (FIELD VERIFY)
N=1329.4200 E=983.3709

STA 0+00 - LINE "A"
CONNECT 12" R.C.P. TO EX. CURB INLET BY "R.O.W." PERMIT
F.L.(in) = 642.25'
N=1141.2500 E=994.2497

NOTE:
ALL PUBLIC UTILITIES (WATER, SEWER, ELECTRIC, ETC.) SERVING THE EXISTING BUILDING TO BE REMOVED SHALL BE ABANDONED AT THE SERVICE POINT IN ACCORDANCE WITH CITY OF ADDISON STANDARDS

NOTE:
SEE SHEET C601 FOR STORM DRAIN PROFILES AND DETAILS

NOTE:
SEE SHEET C600 FOR GENERAL CIVIL NOTES

NOTE:
SEE SHEET C602 FOR SITING & PAVING DETAILS

| PLAN LEGEND | | | |
|-------------|---------------------------|--|--------------------------|
| | = EX. DRAINAGE FLOW | | = EXISTING FIRE HYDRANT |
| | = NEW DRAINAGE FLOW | | = EX. WASTEWATER MANHOLE |
| | = EXISTING CONTOUR | | = NEW FIRE HYDRANT |
| | = NEW GRADING CONTOUR | | = NEW WW MANHOLE |
| | = NEW PAVING CONTOUR | | = NEW WASTEWATER MAIN |
| | = EX. SPOT ELEVATION | | = NEW WATER MAIN |
| | = EX. SPOT ELEVATION | | = EXISTING WATER VALVE |
| | = NEW SPOT ELEVATION | | = NEW WATER VALVE |
| | = EXISTING FENCE | | = NEW STORM SEWER PIPE |
| | = DRAINAGE DIVIDE | | = NEW STORM SEWER MH |
| | = EROSION CONTROL BARRIER | | = EX. CURB INLET |
| | = EXISTING TREE(S) | | = NEW STORM DRAIN INLET |

| BENCHMARKS | | | | |
|------------|---|---------|-----------|-----------|
| MARK | DESCRIPTION | ELEV. | N | E |
| BM1 | SQUARE CUT OF THE SOUTHWEST TOP OF CURB CORNER THE BACK SIDE PARKING LOT AT 15950 MIDWAY ROAD | 637.75' | | |
| CM1 | "X" CUT ON CONCRETE, ALSO BEING THE SOUTHWEST PROPERTY CORNER OF LOT 1, BLOCK A | 647.37' | 1000.0000 | 1000.0000 |
| CM2 | NORTHWEST PROPERTY CORNER OF THE 0.528 ACRE TRACT, BEING A DISTANCE OF 515.80' NORTH OF THE SOUTHWEST PROPERTY CORNER OF LOT 1, BLK A | | 1515.8000 | 1000.0000 |

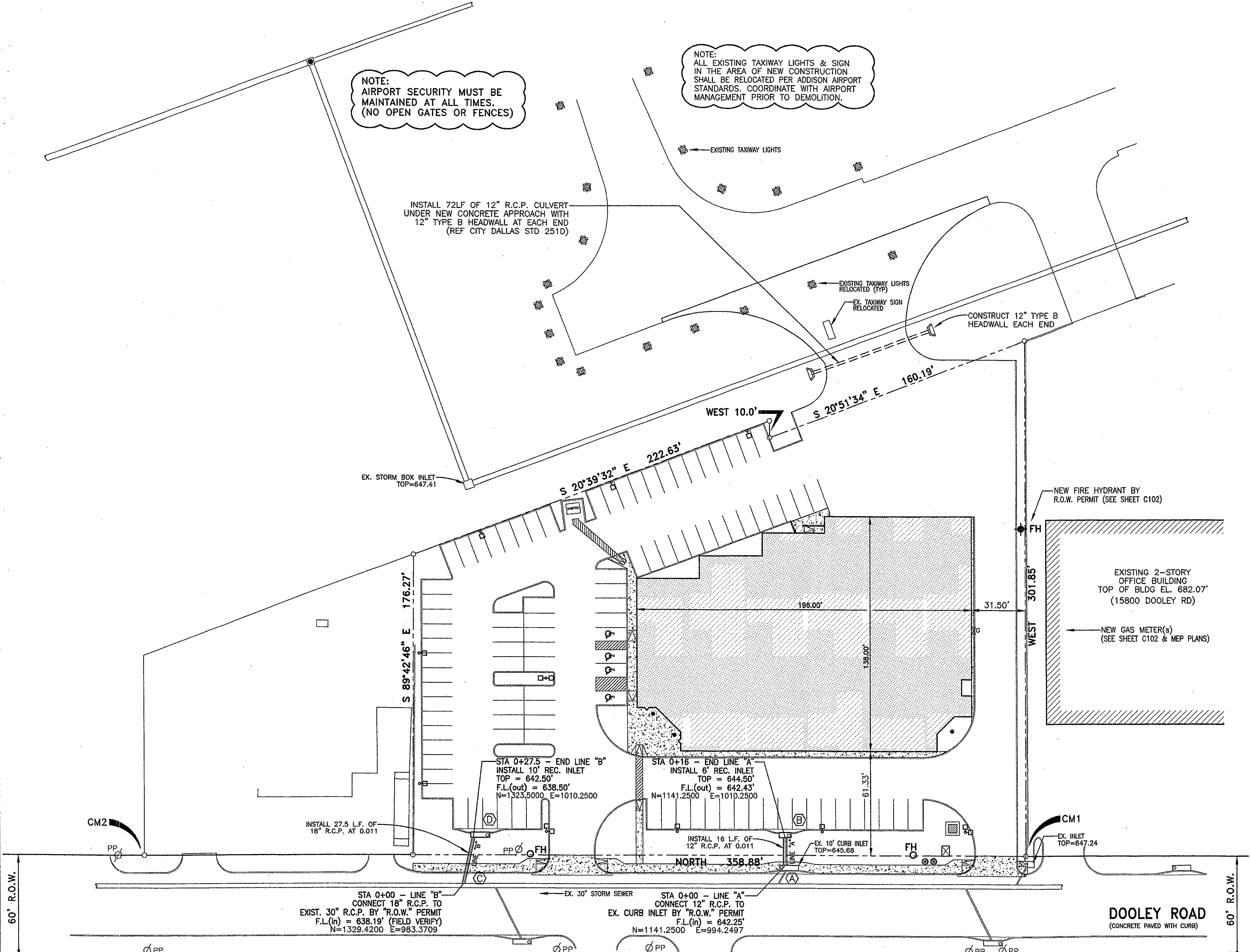
NOTE:
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2. NORTHERLY AND EASTERLY BEARINGS NOTED ABOVE ARE FOR HORIZONTAL CONTROL.

| STORM DRAIN - LINE "A" | |
|------------------------|--|
| LOCATION | DESCRIPTION |
| (A) | STA 0+00 LINE "A" CONNECT (BY PERMIT) 12" R.C.P. TO EXISTING CURB INLET F.L. (IN) = 642.25' |
| (B) | STA 0+16 END LINE "A" INSTALL: 1 - 6' REC. CURB INLET TOP ELEV. = 644.50' F.L. (OUT) = 642.43' |

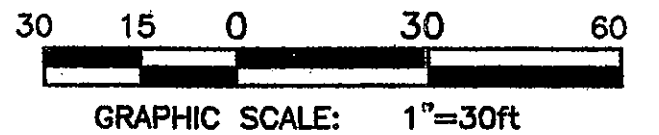
| STORM DRAIN - LINE "B" | |
|------------------------|---|
| LOCATION | DESCRIPTION |
| (A) | STA 0+00 LINE "B" CONNECT (BY PERMIT) 18" R.C.P. TO EXISTING 30" STORM DRAIN F.L. (IN) = 638.19' (FIELD VERIFY) |
| (B) | STA 0+27.50 END LINE "B" INSTALL: 1 - 10' REC. CURB INLET TOP ELEV. = 642.50' F.L. (OUT) = 638.50' |

GENERAL PLAN NOTES

- SEE SHEET C600 FOR GENERAL CIVIL NOTES AND ONSITE UTILITY EASEMENT(S).
- SEE SHEET C601 FOR STORM DRAIN PROFILES.
- SEE SHEET C602 FOR SITING AND PAVING DETAILS.
- CONSTRUCTION ACTIVITY SHALL CONFORM TO ALL CITY OF ADDISON REQUIREMENTS. CONTRACTOR SHALL BE RESPONSIBLE TO OBTAIN ALL APPLICABLE PERMITS FOR THIS PROJECT.
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- ALL STORM SEWER PIPE AND WYES SHALL CONSIST OF REINFORCED CONCRETE PIPE (R.C.P.).
- ALL CURB INLETS, STORM SEWER MANHOLES, AND CONCRETE HEADWALLS SHALL BE SUPPLIED AND INSTALLED PER CITY OF DALLAS PUBLIC WORKS STANDARDS FILE 251D-1, AND SHALL INCLUDE ALL NECESSARY APPURTENANCES FOR A COMPLETE JOB.
- CONSTRUCTION ACTIVITY SHALL CONFORM TO ALL CITY OF ADDISON REQUIREMENTS. CONTRACTOR SHALL BE RESPONSIBLE TO OBTAIN ALL APPLICABLE PERMITS FOR THIS PROJECT, UNLESS OTHERWISE AGREED.

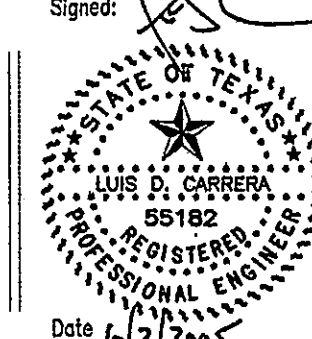


01 DIMENSION CONTROL PLAN - STORM DRAIN

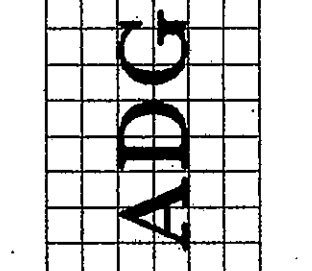


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AIRCORP ROAD
15900 DOOLEY ROAD
ADDISON, TEXAS

Job No.
00018

Plan No.

Date
31 JAN 2005

Drawn By
Ccai

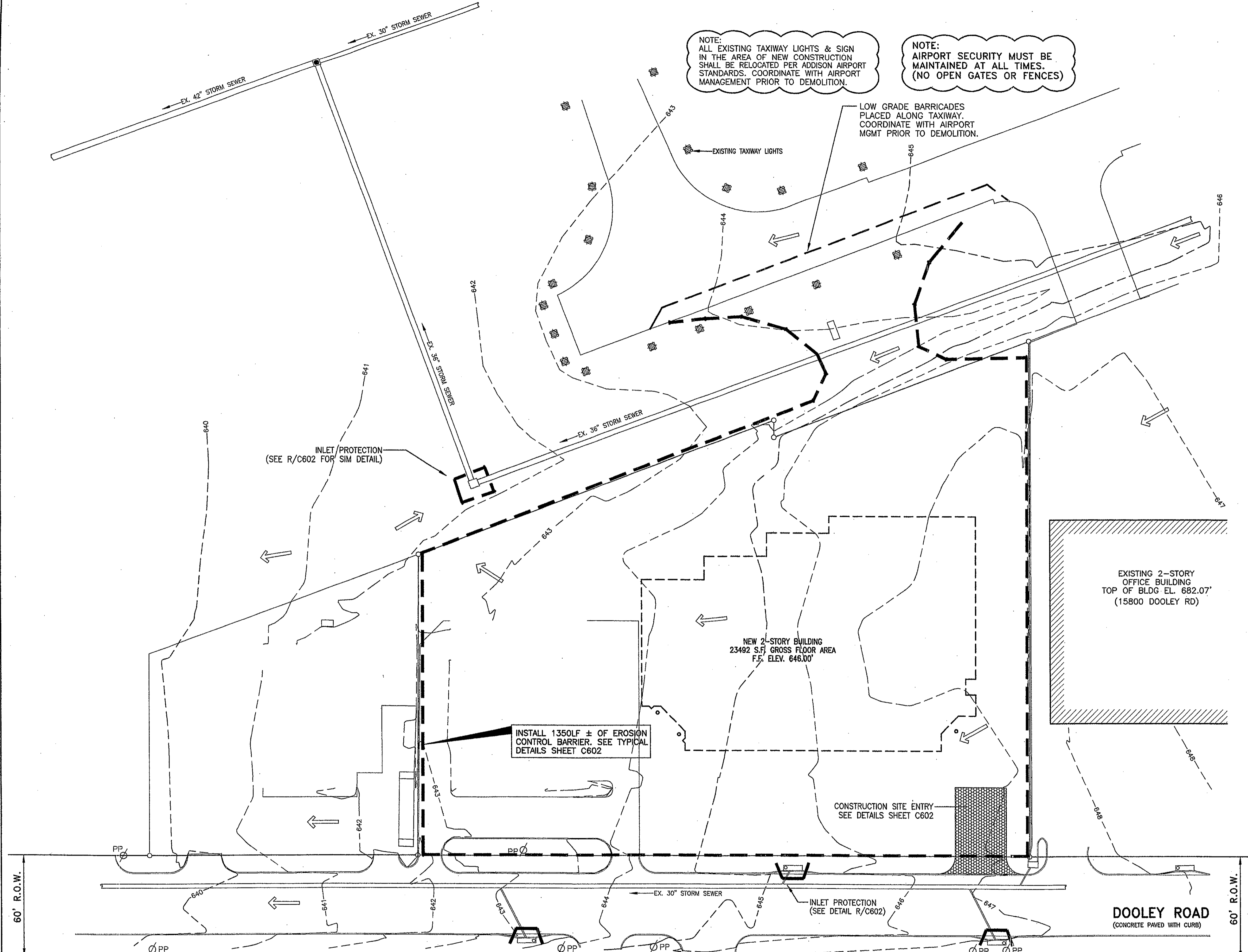
Revisions
19 MAY 2005
02 JUN 2005

Sheet Title
DIMENSION CONTROL PLAN
STORM DRAIN

Sheet No.

C201

of 16



NOTE: ALL EXISTING TAXIWAY LIGHTS & SIGN IN THE AREA OF NEW CONSTRUCTION SHALL BE RELOCATED PER ADDISON AIRPORT STANDARDS. COORDINATE WITH AIRPORT MANAGEMENT PRIOR TO DEMOLITION.

NOTE: AIRPORT SECURITY MUST BE MAINTAINED AT ALL TIMES. (NO OPEN GATES OR FENCES)

LOW GRADE BARRICADES PLACED ALONG TAXIWAY. COORDINATE WITH AIRPORT MGMT PRIOR TO DEMOLITION.

INLET PROTECTION (SEE R/C602 FOR SIM DETAIL)

INSTALL 1350LF ± OF EROSION CONTROL BARRIER. SEE TYPICAL DETAILS SHEET C602

CONSTRUCTION SITE ENTRY SEE DETAILS SHEET C602

INLET PROTECTION (SEE DETAIL R/C602)

INLET PROTECTION (SEE DETAIL R/C602)

NOTE: ALL PUBLIC UTILITIES (WATER, SEWER, ELECTRIC, ETC.) SERVING THE EXISTING BUILDING TO BE REMOVED SHALL BE ABANDONED AT THE SERVICE POINT IN ACCORDANCE WITH CITY OF ADDISON STANDARDS

NOTE: SEE SHEET C600 FOR GENERAL CIVIL NOTES

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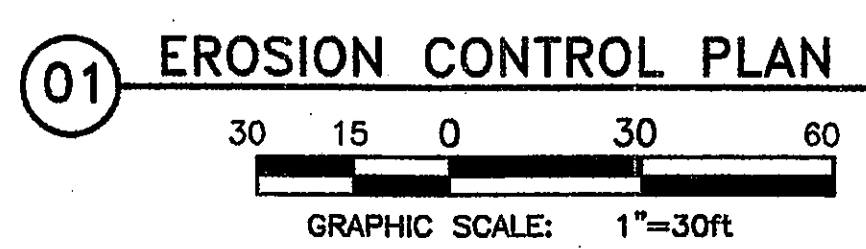
| BENCHMARKS | | | | |
|------------|---|---------|-----------|-----------|
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| CM1 | "X" CUT ON CONCRETE, ALSO BEING THE SOUTHWEST PROPERTY CORNER OF LOT 1, BLOCK A | 647.37' | 1000.0000 | 1000.0000 |
| CM2 | NORTHWEST PROPERTY CORNER OF THE 0.528 ACRE TRACT, BEING A DISTANCE OF 515.80' NORTH OF THE SOUTHWEST PROPERTY CORNER OF LOT 1, BLK A | | 1515.8000 | 1000.0000 |

NOTE:
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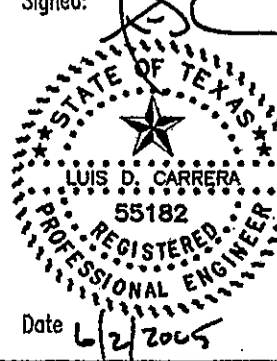
| PLAN LEGEND | | | |
|-----------------|-------------------------|------|------------------------|
| → | EX. DRAINAGE FLOW | ○ FH | EXISTING FIRE HYDRANT |
| → | NEW DRAINAGE FLOW | ● MH | EX. WASTEWATER MANHOLE |
| - - - 620 - - - | EXISTING CONTOUR | ◆ FH | NEW FIRE HYDRANT |
| - - - 625 - - - | NEW GRADING CONTOUR | ○ MH | NEW WW MANHOLE |
| - - - 630 - - - | NEW PAVING CONTOUR | — | NEW WASTEWATER MAIN |
| 620.0 + | EX. SPOT ELEVATION | — | NEW WATER MAIN |
| PV 620.0 ● | NEW SPOT ELEVATION | WV | EXISTING WATER VALVE |
| * * * * * | EXISTING FENCE | T | NEW WATER VALVE |
| - - - - - | DRAINAGE DIVIDE | — | NEW STORM SEWER PIPE |
| - - - - - | EROSION CONTROL BARRIER | — | NEW STORM SEWER MH |
| ○ | EXISTING TREE(S) | — | NEW STORM DRAIN INLET |

- STORM WATER DISCHARGE AUTHORIZATION**
- A NOTICE OF INTENT (NOI) SHALL BE SUBMITTED TO THE ENVIRONMENTAL PROTECTION AGENCY (EPA) NO LESS THAN TWO DAYS PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITIES.
 - ALL CONTRACTORS AND SUBCONTRACTORS PROVIDING SERVICES RELATED TO THE SWPPP SHALL SIGN A CONTRACTOR CERTIFICATION STATEMENT ACKNOWLEDGING THEIR RESPONSIBILITIES AS SPECIFIED IN THE SWPPP.
 - A COPY OF THE SWPPP, INCLUDING CONTRACTOR CERTIFICATIONS AND ANY REVISIONS, SHALL BE SUBMITTED TO THE CITY AND FILED WITH THE CONSTRUCTION PLANS, AND SHALL BE RETAINED ON-SITE DURING CONSTRUCTION.
 - A NOTICE OF TERMINATION (NOT) SHALL BE SUBMITTED TO THE EPA WHEN THE SITE HAS 100% OF THE DISTURBED AREAS STABILIZED AND THE SITE NO LONGER HAS STORM WATER DISCHARGES ASSOCIATED WITH INDUSTRIAL ACTIVITIES (CONSTRUCTION), OR THE "NOT" PERMITEE OR CO-PERMITEE NO LONGER HOLDS OPERATIONAL CONTROL OF THE CONSTRUCTION.

- GENERAL PLAN NOTES**
- SEE SHEET C600 FOR GENERAL CIVIL NOTES AND ONSITE UTILITY EASEMENT(S).
 - SEE SHEET C602 FOR SITEWORK AND PAVING DETAILS.
 - PRIOR TO COMMENCING GRADING OPERATIONS, EROSION CONTROL DEVICES SHALL BE INSTALLED AS INDICATED ON THE EROSION CONTROL PLAN OR OTHER AREAS AS MAY BE DIRECTED BY THE OWNER'S REPRESENTATIVE OR CITY INSPECTOR.
 - SITE ENTRY AND/OR EXIT LOCATIONS SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC ROADWAYS. ALL SEDIMENT SPILLED, DROPPED, WASHED, OR TRACKED ON A PUBLIC ROADWAY MUST BE REMOVED IMMEDIATELY. WHEN WASHING IS REQUIRED TO REMOVE SEDIMENT PRIOR TO A PUBLIC ROADWAY, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE WHICH DRAINS INTO A APPROVED SEDIMENT BASIN. ALL FINES IMPOSED FOR TRACKING ONTO PUBLIC ROADS SHALL BE PAID BY THE CONTRACTOR.
 - TEMPORARY SEEDING OR OTHER METHOD OF STABILIZATION SHALL BE INITIATED WITHIN 14 DAYS OF THE LAST DISTURBANCE ON ANY AREA OF THE SITE, UNLESS ADDITIONAL CONSTRUCTION ON THE AREA IS EXPECTED WITHIN 21 DAYS OF THE LAST DISTURBANCE.
 - UPON COMPLETION OF FINE GRADING, ALL AREAS NOT OTHERWISE PERMANENTLY STABILIZED SHALL BE SEEDED AND MAINTAINED UNTIL A UNIFORM COVERAGE OF 70% MINIMUM DENSITY, AS DETERMINED BY THE OWNER'S REPRESENTATIVE, IS ACHIEVED.
 - EROSION CONTROL DEVICES MAY BE ADDED OR REDUCED IN THE FIELD AS DIRECTED BY THE OWNER'S REPRESENTATIVE.
 - MAINTENANCE - EROSION CONTROL DEVICES SHALL BE REPAIRED OR REPLACED AS INSPECTION DEEMS NECESSARY OR AS DIRECTED BY THE OWNER'S REPRESENTATIVE. ACCUMULATED SILT AT ANY EROSION CONTROL DEVICE SHALL BE REMOVED WHEN IT REACHES A DEPTH OF 6-INCHES, AND SHALL BE DISTRIBUTED ON A SITE IN A MANNER NOT CONTRIBUTING TO ADDITIONAL SILTATION.
 - THE CONTRACTOR IS RESPONSIBLE FOR RE-ESTABLISHING ANY EROSION CONTROL DEVICE WHICH IS DISTURBED. EACH CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE OF ANY DEFICIENCIES IN THE ESTABLISHED EROSION CONTROL MEASURES WHICH MAY LEAD TO UNAUTHORIZED DISCHARGE OR STORM WATER POLLUTION, SEDIMENTATION, OR OTHER POLLUTANTS. UNAUTHORIZED POLLUTANTS INCLUDE, BUT ARE NOT LIMITED TO, EXCESS CONCRETE DUMPING OR CONCRETE RESIDUE, PAINTS, SOLVENTS, GREASES, FUEL AND LUBE OIL, PESTICIDES, AND ANY SOLID WASTE MATERIALS.
 - THE CONTRACTOR HAS THE OPTION TO CONSTRUCT AN "EARTH CONTAINMENT BERM" FOR STORAGE OF FUEL, MAINTENANCE, CLEANING, AND WASH DOWNS. NO SEPARATE PAYMENT WILL BE MADE FOR THIS ITEM.
 - REFER TO THE SWPPP DOCUMENT FOR ANY ADDITIONAL INFORMATION.
 - ALL STORM DRAINAGE INLET OPENINGS AND SLOTTED DRAINS SHALL BE PROTECTED WITH EROSION CONTROL DEVICES UNTIL ALL PAVEMENT WORK IS COMPLETED.
 - THE CONTRACTOR SHALL BE RESPONSIBLE TO CLEAN-UP SEDIMENTATION ON PRIVATE DRIVES, ADJACENT PROPERTY, STREETS, AND UNDERGROUND STORM SEWER SYSTEMS TO THE SATISFACTION OF THE OWNER'S REPRESENTATIVE.
 - TOP SOIL SHALL BE USED IN ALL LANDSCAPED AREAS.
 - ALL AREAS WITH EXPOSED SOIL DUE TO THE CONSTRUCTION SHALL BE RESODDED WITH BERMUUDA SOD, UNLESS OTHERWISE SPECIFIED BY THE ARCHITECT.

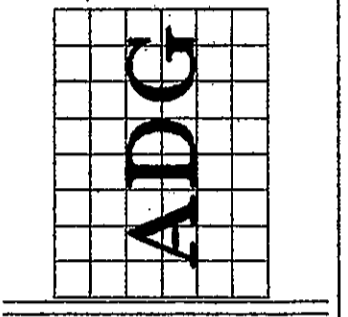


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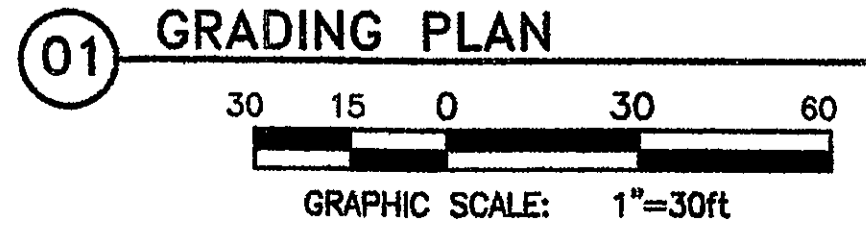
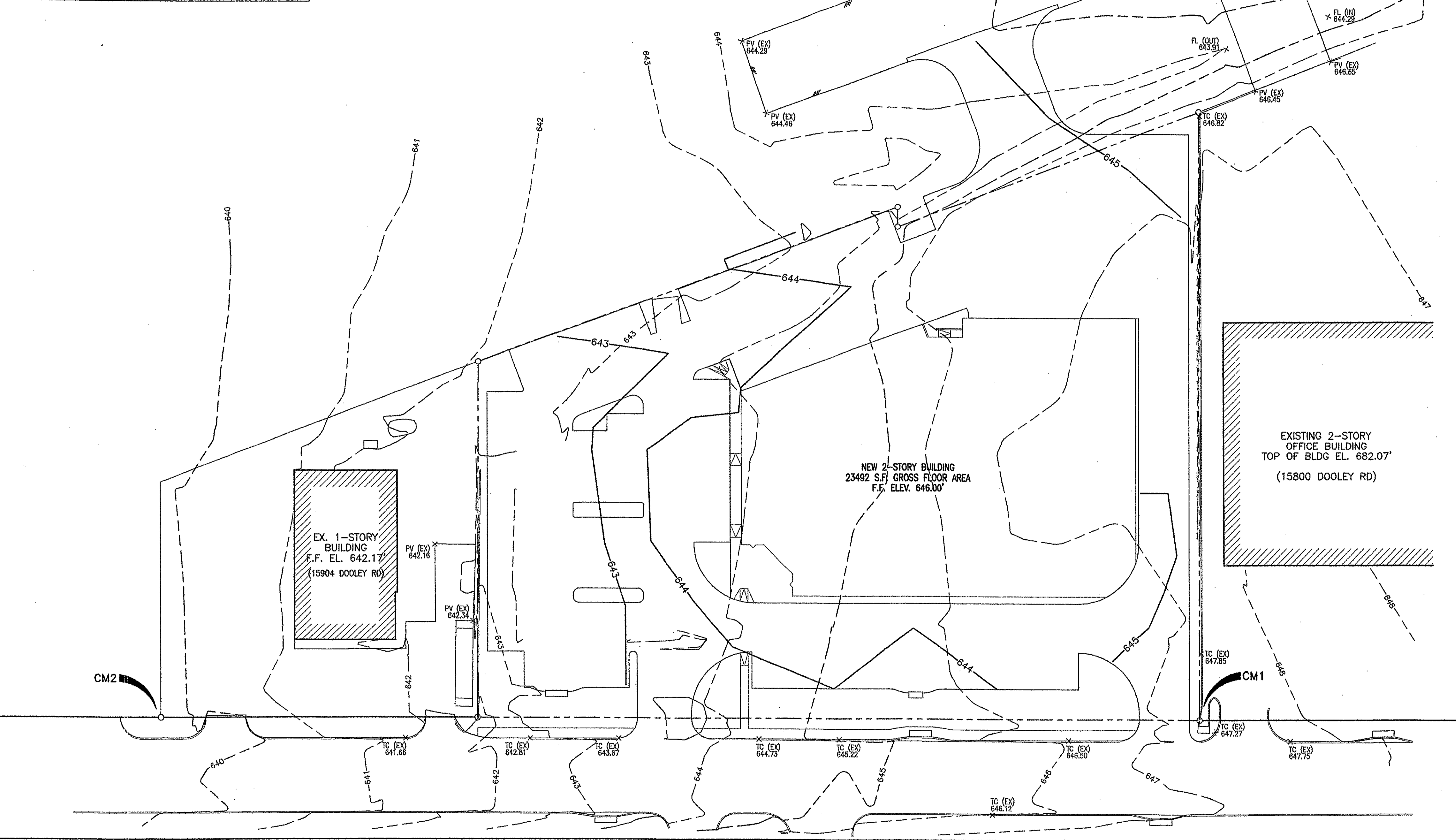
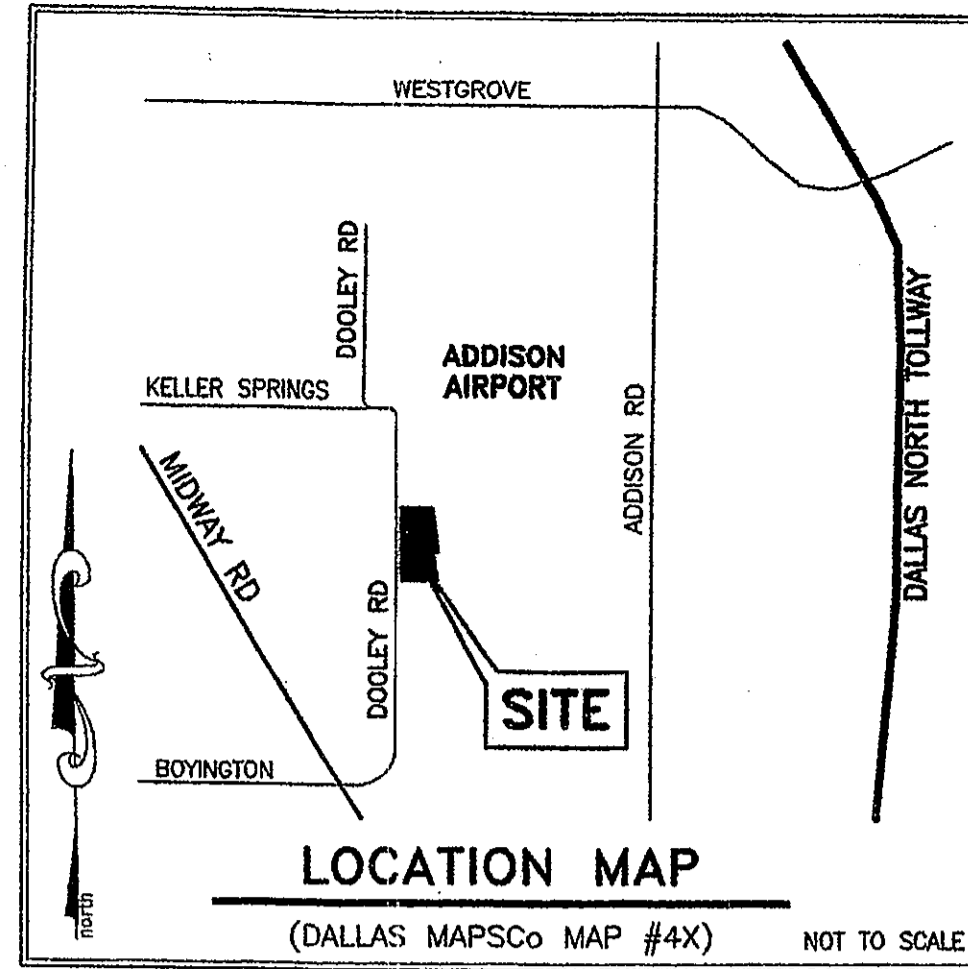
Addison Design Group, LLC
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 Richardson, Texas 75080
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AIRCORP
 15900 DOOLEY ROAD
 ADDISON, TEXAS

Job No. **00018**
 Plan No.
 Date **31 JAN 2005**
 Drawn By **Coei**
 Revisions:
 19 MAY 2005
 02 JUN 2005
 Sheet Title **EROSION CONTROL PLAN**
 Sheet No.

C300
 of 16



| BENCHMARKS | | | | |
|------------|---|---------|-----------|-----------|
| MARK | DESCRIPTION | ELEV. | N | E |
| BM1 | SQUARE CUT OF THE SOUTHWEST TOP OF CURB CORNER THE BACK SIDE PARKING LOT AT 15950 MIDWAY ROAD | 637.75' | | |
| CM1 | "X" CUT ON CONCRETE, ALSO BEING THE SOUTHWEST PROPERTY CORNER OF LOT 1, BLOCK A | 647.37' | 1000.0000 | 1000.0000 |
| CM2 | NORTHWEST PROPERTY CORNER OF THE 0.528 ACRE TRACT, BEING A DISTANCE OF 515.80' NORTH OF THE SOUTHWEST PROPERTY CORNER OF LOT 1, BLK A | | 1515.8000 | 1000.0000 |

NOTE:
 1. ALL TOPOGRAPHIC ELEVATIONS ARE BASED ON BENCHMARK "BM1".
 2. NORTHERLY AND EASTERLY BEARINGS NOTED ABOVE ARE FOR HORIZONTAL CONTROL.

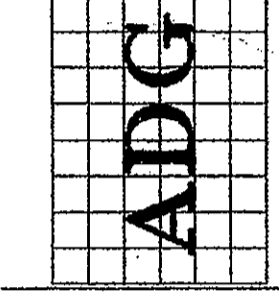
| PLAN LEGEND | | | |
|-------------|----------------------------|--|--------------------------|
| | = EXIST. DRAINAGE FLOW | | = EXISTING FIRE HYDRANT |
| | = NEW DRAINAGE FLOW | | = EX. WASTEWATER MANHOLE |
| | = EXIST. CONTOUR ELEV | | = NEW FIRE HYDRANT |
| | = NEW GRADING CONTOUR | | = NEW WW MANHOLE |
| | = NEW PAVING CONTOUR | | = NEW STORM DRAIN MH |
| | = EXIST. SPOT ELEVATION | | = WATER METER |
| | = NEW SPOT ELEVATION | | = TWO-WAY WW CLEANOUT |
| | = DRAINAGE DIVIDE | | = WATER MAIN VALVE |
| | = DBL DETECTOR CHECK VAULT | | = TEE CONNECTION |
| | | | = STORM DRAIN INLET |

| | | | |
|----------------------|---------------------------|---------------------------|---------------------|
| FG = FINISH GRADE | IRS = IRON ROD SET | FL = FLOWLINE | LS = LIGHT STANDARD |
| HP = HIGH POINT | IRF = IRON ROD FOUND | EL = ELEVATION | PP = POWER POLE |
| LP = LOW POINT | TEM = TEMP. BENCHMARK | EX = EXISTING | CO = CLEANOUT |
| GT = TOP GRAVEL P/MT | TC = TOP CURB (ELEV.) | SD = STORM DRAIN | CH = FIRE HYDRANT |
| PV = TOP PAVEMENT | TW = TOP WALL (ELEV.) | RCP = REINF. CONC PIPE | MH = MANHOLE |
| (INCLUDES WALKS) | ME = MATCH EXIST. (ELEV.) | CSP = CORRUGATED STL PIPE | WW = WASTEWATER |

- GENERAL PLAN NOTES
- SEE SHEET C600 FOR GENERAL CIVIL NOTES.
 - THE CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY AND MARK THE LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO BEGINNING ANY CONSTRUCTION ACTIVITY.
 - ALL WORK SHALL BE DONE TO THE LINES, GRADES, AND ELEVATIONS SHOWN ON THESE DRAWINGS. BASIC HORIZONTAL AND VERTICAL CONTROL POINTS, ESTABLISHED BY THE ENGINEER ARE SHOWN ON THESE PLANS. THESE POINTS SHALL BE USED AS DATUM FOR WORK UNDER THIS CONTRACT. ALL ADDITIONAL SURVEY, LAYOUT, OR MEASUREMENT WORK SHALL BE PERFORMED BY THE CONTRACTOR AS A PART OF THE WORK UNDER THIS CONTRACT.
 - IMPORTED FILL MATERIAL USED UNDER PAVEMENTS, SHALL CONSIST OF LOW PLASTICITY MATERIAL HAVING A PLASTICITY INDEX (PI) BETWEEN 5 AND 15, A LIQUID LIMIT LESS THAN 40, AND CONTAINING A MINIMUM OF 15% FINES (MATERIAL PASSING THE 200 SIEVE). ALL FILL SHALL BE PLACED IN LOOSE LIFTS NOT EXCEEDING 8-INCHES IN THICKNESS AND COMPACTED TO 95% OF STANDARD PROCTOR DENSITY WITHIN PLUS OR MINUS 2% OF OPTIMUM MOISTURE CONTENT. THE ON-SITE MATERIAL MEETING THE SPECIFICATIONS OF THIS GENERAL NOTE, MAY BE USED UNDER PAVEMENTS.
 - ON-SITE MATERIAL NOT MEETING THE SPECIFICATIONS OF EARTHWORK NOTE 1, MAY BE USED AS FILL IN ALL AREAS EXCEPT BENEATH PAVEMENT AREAS, EXCLUDING SIDEWALKS. LIMESTONES MAY BE USED AS FILL PROVIDED THEY ARE PROPERLY PULVERIZED TO A MAXIMUM SIZE OF 4-INCHES IN DIAMETER, WITH AT LEAST 50-PERCENT PASSING A NUMBER 4 SIEVE.
 - PAVEMENT SUBGRADE PREPARATION SHALL BE PERFORMED AS FOLLOWS:
 - STRIP THE TOP LAYER OF TOPSOIL, VEGETATION, AND HEAVY ROOT MATERIAL TO A STRIPPING DEPTH OF TWO TO FOUR INCHES AND THEN PROOF ROLL TO VERIFY STABILITY. ANY SOFT OR YIELDING AREAS SHOULD BE UNDERCUT TO FIRM MATERIAL AND REPLACED WITH CONTROLLED MOISTURE CONTENT AND DENSITY.
 - AFTER PROOF ROLLING, THE SUBGRADE SHALL BE SCARIFIED TO A MINIMUM DEPTH OF 8-INCHES, AND THEN MIX IN HYDRATED LIME AT AN APPLICATION RATE OF 8% HYDRATED LIME BY DRY SOIL WEIGHT.
 - THE HYDRATED LIME SHOULD MEET THE REQUIREMENTS OF ITEM 264 (TYPE A) IN THE TxDOT STANDARD SPECIFICATIONS FOR CONSTRUCTION OF HIGHWAYS, STREETS AND BRIDGES. THIS LIME SHOULD BE THOROUGHLY MIXED AND BLENDED WITH THE TOP 6-INCHES OF SUBGRADE TO AT LEAST 95-PERCENT OF ITS MAXIMUM STANDARD PROCTOR DRY DENSITY. THE MOISTURE CONTENT OF THE LINE MODIFIED MATERIAL AT THE TIME OF COMPACTION SHOULD BE WITHIN A RANGE OF MINUS 2 TO PLUS 4 PERCENT (-2% TO +4%) OF ITS OPTIMUM VALUE. MIXING, CURING AND COMPACTION OF THE LIME MODIFIED LAYER IS DESCRIBED IN ITEM 260 OF THE PREVIOUSLY MENTIONED TxDOT STANDARD SPECIFICATIONS.
 - NONEXPANSIVE SELECT FILL MATERIAL SHALL BE PROVIDED TO OBTAIN THE REQUIRED FINISH GRADE ELEVATION, WITHOUT THE USE OF LEVELING SAND OR SAND CUSHION. THE USE OF SAND CUSHION FOR SUBGRADE LEVELING PURPOSES IS PROHIBITED.
 - SELECT FILL SHOULD BE PLACED IN 8-INCH MAX LOOSE LIFTS AND UNIFORMLY COMPACTED TO A MINIMUM OF 95-PERCENT OF STD PROCTOR DENSITY WITHIN MINUS 1 TO PLUS 3-PERCENT (-1% TO +3%) OF THE SOIL'S OPTIMUM MOISTURE CONTENT.
 - THE SUBGRADE SHALL BE MAINTAINED IN A SMOOTH, COMPACTED CONDITION, IN CONFORMITY WITH THE REQUIRED PAVEMENT SECTION AND ESTABLISHED GRADE, UNTIL THE PAVEMENT IS PLACED, & SHALL BE KEPT WETTED DOWN SUFFICIENTLY IN ADVANCE OF PLACING ANY PAVEMENT TO ENSURE ITS BEING IN A FIRM AND MOIST CONDITION FOR AT LEAST TWO INCHES BELOW SURFACE OF THE PREPARED SUBGRADE. ONLY SUCH SUBGRADE AS IS NECESSARY FOR THE SATISFACTORY PROTECTION OF THE WORK SHALL BE COMPLETED AHEAD OF THE PLACEMENT OF PAVEMENT. PROVIDE COMPLETE DRAINAGE OF THE SUBGRADE AT ALL TIMES.
 - THE NEW GRADING CONTOURS SHOWN THIS SHEET ARE "APPROXIMATE" TOP OF SUBGRADE AND ARE INTENDED TO SHOW THE DIFFERENCE IN EXISTING ELEVATIONS TO THE NEW ELEVATIONS. USE THE PAVING CONTOURS SHOWN ON SHEET C401 FOR CONSTRUCTION STAKING AND TO FINISH GRADE.

EXPIRATION DATE:
AFFIXATION DATE:

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 ADDISON, TEXAS

Job No.
00018

Plan No.

Date
31 JAN 2005

Drawn By
Ccei

Revisions

Sheet Title
GRADING PLAN

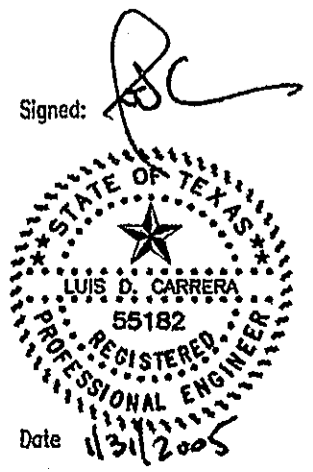
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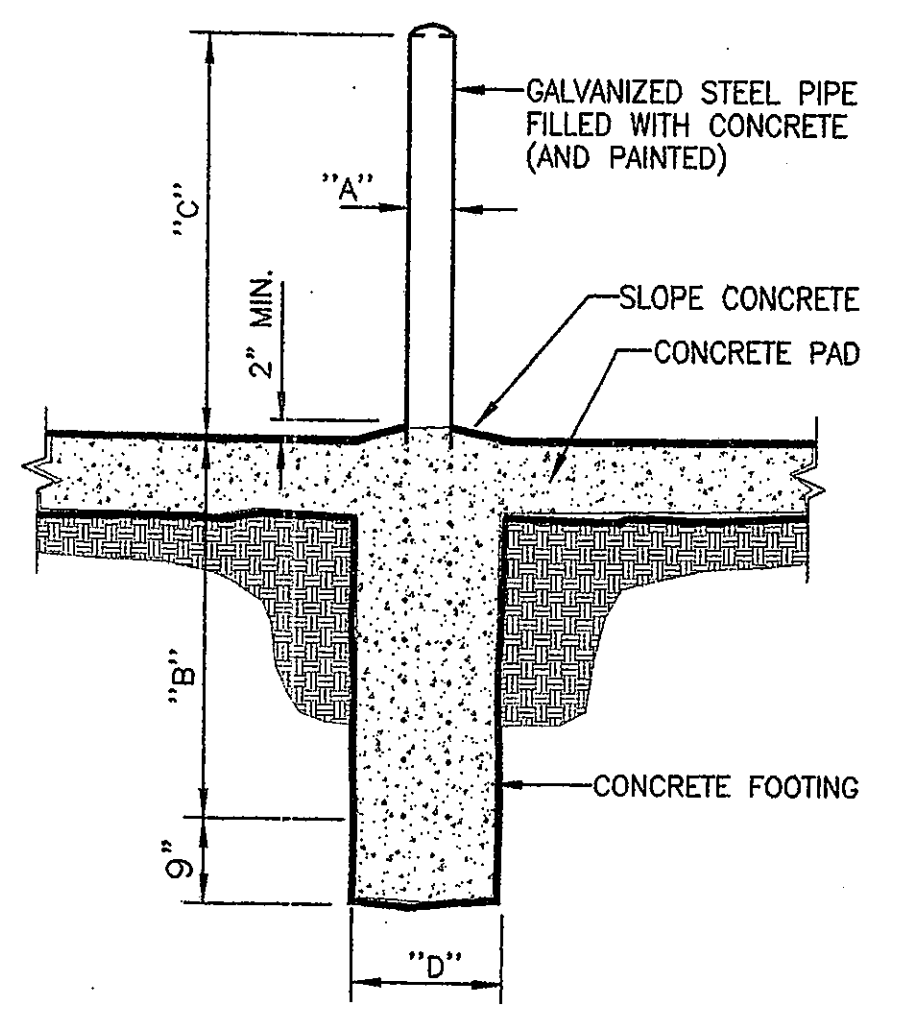
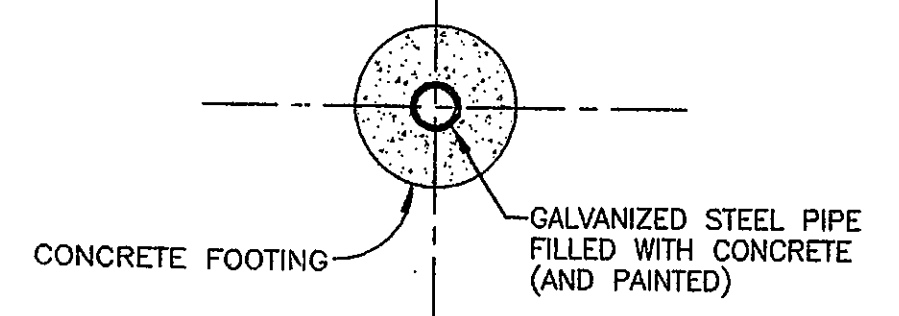


| DIM. | LT. DUTY | MED. DUTY | HVY. DUTY |
|------|----------|-----------|-----------|
| A | 3"ø | 6"ø | 8"ø |
| B | 2'-6" | 3'-6" | 4'-0" |
| C | 2'-6" | 3'-6" | 4'-0" |
| D | 1'-0" | 1'-6" | 2'-0" |

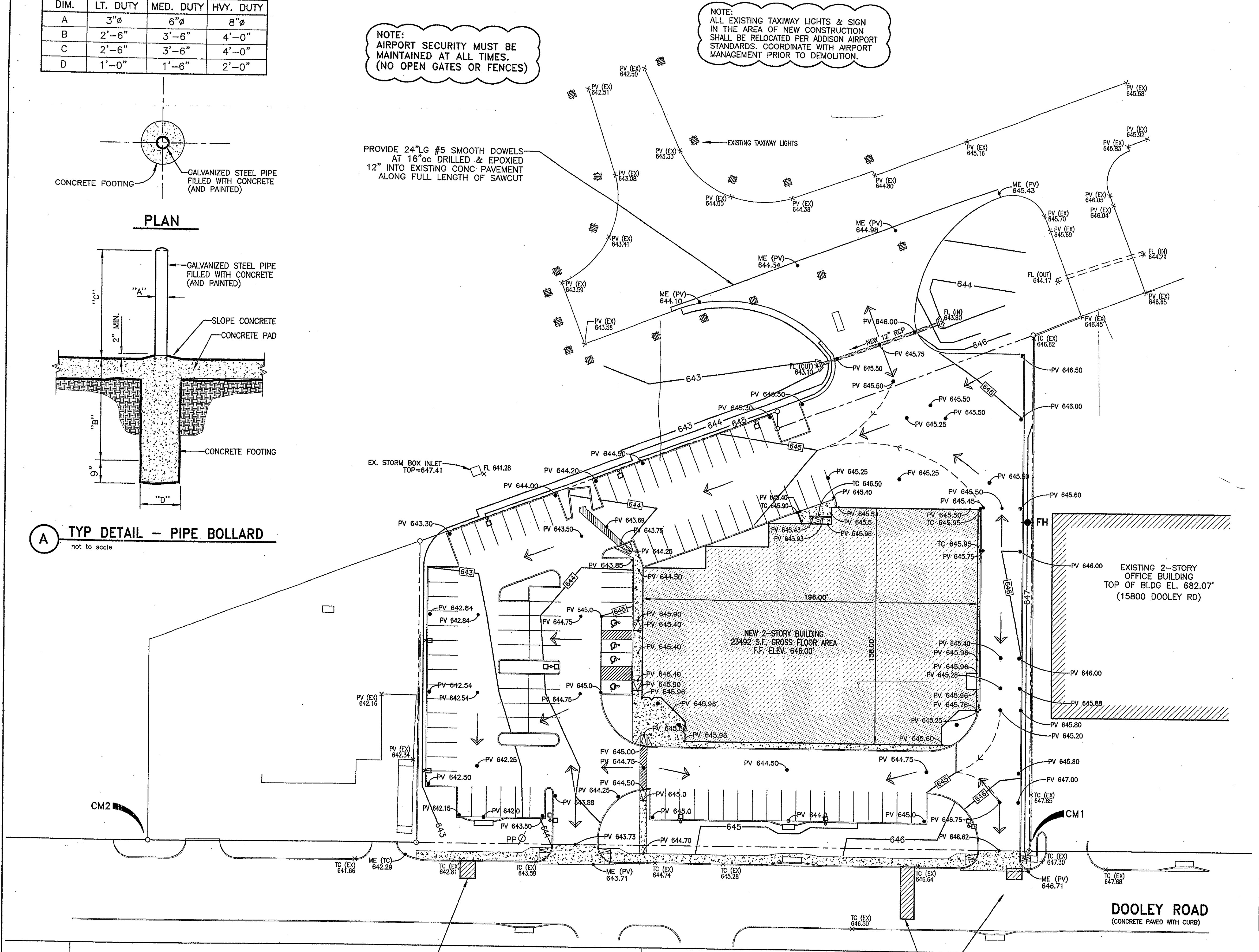
NOTE:
AIRPORT SECURITY MUST BE
MAINTAINED AT ALL TIMES.
(NO OPEN GATES OR FENCES)

NOTE:
ALL EXISTING TAXIWAY LIGHTS & SIGN
IN THE AREA OF NEW CONSTRUCTION
SHALL BE RELOCATED PER ADDISON AIRPORT
STANDARDS. COORDINATE WITH AIRPORT
MANAGEMENT PRIOR TO DEMOLITION.

PROVIDE 24" LG #5 SMOOTH DOWELS
AT 16" OC DRILLED & EPOXIED
12" INTO EXISTING CONC PAVEMENT
ALONG FULL LENGTH OF SAWCUT



A TYP DETAIL - PIPE BOLLARD
not to scale

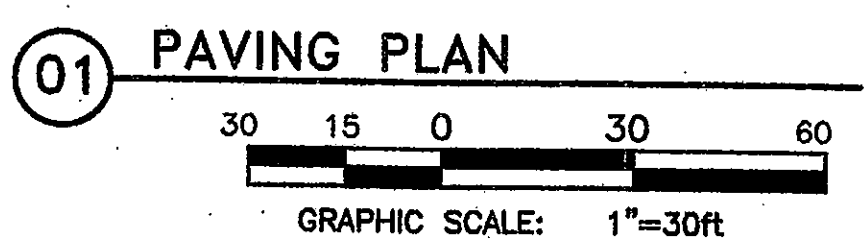


STREET REPAIR AT UTILITY CONNECTION
PER CITY OF ADDISON STANDARDS
(SEE SHEETS C601 & C602 FOR DETAILS)

NOTE:
SEE SHEET C600 FOR
GENERAL CIVIL NOTES

NOTE:
SEE SHEET C602
FOR SITWORK &
PAVING DETAILS

STREET REPAIR AT UTILITY CONNECTION
PER CITY OF ADDISON STANDARDS
(SEE SHEETS C601 & C602 FOR DETAILS)



| BENCHMARKS | | | | |
|------------|---|---------|-----------|-----------|
| MARK | DESCRIPTION | ELEV. | N | E |
| BM1 | SQUARE CUT OF THE SOUTHWEST TOP OF CURB CORNER THE BACK SIDE PARKING LOT AT 15950 MIDWAY ROAD | 637.75' | | |
| CM1 | "X" CUT ON CONCRETE, ALSO BEING THE SOUTHWEST PROPERTY CORNER OF LOT 1, BLOCK A | 647.37' | 1000.0000 | 1000.0000 |
| CM2 | NORTHWEST PROPERTY CORNER OF THE 0.528 ACRE TRACT, BEING A DISTANCE OF 515.80' NORTH OF THE SOUTHWEST PROPERTY CORNER OF LOT 1, BLK A | | 1515.8000 | 1000.0000 |

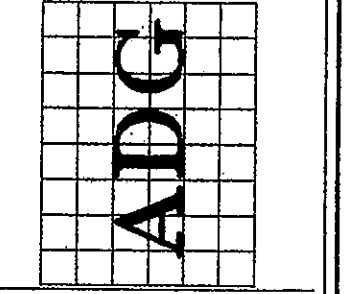
NOTE:
1. ALL TOPOGRAPHIC ELEVATIONS ARE BASED ON BENCHMARK "BM1".
2. NORTHERLY AND EASTERLY BEARINGS NOTED ABOVE ARE FOR HORIZONTAL CONTROL.

| PLAN LEGEND | | | |
|-------------|---------------------------|--|--------------------------|
| | = EX. DRAINAGE FLOW | | = EX. FIRE HYDRANT |
| | = NEW DRAINAGE FLOW | | = EX. WASTEWATER MANHOLE |
| | = EXISTING CONTOUR | | = NEW FIRE HYDRANT |
| | = NEW GRADING CONTOUR | | = NEW WW MANHOLE |
| | = NEW PAVING CONTOUR | | = NEW WASTEWATER MAIN |
| | = EX. SPOT ELEVATION | | = NEW WATER MAIN |
| | = NEW SPOT ELEVATION | | = EXISTING WATER VALVE |
| | = DRAINAGE FENCE | | = NEW WATER VALVE |
| | = DRAINAGE DIVIDE | | = NEW STORM SEWER PIPE |
| | = EROSION CONTROL BARRIER | | = NEW STORM SEWER MH |
| | = EXISTING TREE(S) | | = EX. CURB INLET |
| | = EX. CURB INLET | | = NEW STORM DRAIN INLET |

- GENERAL PLAN NOTES**
- SEE SHEET C600 FOR GENERAL CIVIL NOTES AND ONSITE UTILITY EASEMENT(S).
 - SEE SHEET C602 FOR SITWORK AND PAVING DETAILS.
 - THE CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY AND MARK THE LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO BEGINNING ANY CONSTRUCTION ACTIVITY.
 - ALL WORK SHALL BE DONE TO THE LINES, GRADES, AND ELEVATIONS SHOWN ON THESE DRAWINGS. BASIC HORIZONTAL AND VERTICAL CONTROL POINTS, ESTABLISHED BY THE ENGINEER ARE SHOWN ON THESE PLANS. THESE POINTS SHALL BE USED AS DATUM FOR WORK UNDER THIS PROJECT. ALL ADDITIONAL SURVEY, LAYOUT, OR MEASUREMENT WORK SHALL BE PERFORMED BY THE CONTRACTOR AS A PART OF THE WORK UNDER THIS CONTRACT.
 - THE PAVEMENT SECTION FOR THE PARKING LOT SHALL CONSIST OF 4000 PSI CONCRETE. SEE SHEET C103 FOR THICKNESS AND REINFORCEMENT.
 - THE CONCRETE SIDEWALKS SHALL CONSIST OF 4-INCH THICK 4000 PSI CONCRETE, REINFORCED WITH #3 BARS AT 18-INCH CENTERS EACH WAY.
 - ALL JOINTS, INCLUDING EXPANSION JOINTS WITH REMOVABLE TACK STRIPS, SHALL BE SEALED WITH JOINT SEALANT.
 - SAWED CONTROL JOINTS SHALL BE PROVIDED AT 15' CENTERS EACH WAY, AND FILLED WITH HOT RUBBER JOINT SEALING COMPOUND.
 - REINFORCING STEEL SHALL BE NEW DOMESTIC BILLET STEEL CONFORMING TO ASTM A-615, GRADE 60, AND SHALL BE SUPPORTED BY BAR CHAIRS.
 - MANHOLES, WATER VALVES, METERS, CLEANOUTS, ETC. MAY BE BOXED OUT OR ISOLATED USING EXPANSION JOINT FILLER. THE MINIMUM LENGTH OF EACH SIDE OF BOX OUT SHALL BE 24-INCHES.
 - SIGNS, PAVEMENT MARKINGS, AND OTHER TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
- ACCESSIBILITY STANDARDS**
- CONCRETE RAMPS, PARKING SIGNAGE, AND RAMP HANDRAILS SHALL CONFORM WITH TEXAS ACCESSIBILITY STANDARDS ADOPTED BY THE TEXAS DEPARTMENT OF LICENSING AND REGULATION IN COMPLIANCE WITH THE TEXAS ARCHITECTURAL BARRIERS ACT, ARTICLE 9102, TEXAS CIVIL STATUTES.
 - ALL ACCESSIBILITY ROUTES FOR THIS PROJECT SHALL HAVE A SLOPE NOT GREATER THAN 1:20 (5%). ACCESSIBILITY ROUTES HAVING A SLOPE GREATER THAN 1:20 SHALL BE CONSIDERED A RAMP AND SHALL CONFORM WITH TEXAS ACCESSIBILITY STANDARDS.
 - ANY RAMP (EXCLUDING CURB RAMPS) HAVING A HORIZONTAL PROJECTION GREATER THAN 72-INCHES SHALL HAVE HANDRAILS ON BOTH SIDES CONFORMING WITH TEXAS ACCESSIBILITY STANDARDS.
 - A TOTAL OF FOUR (4) ACCESSIBLE PARKING SPACES SHALL BE PROVIDED FOR THIS PROJECT AS SHOWN ON THE PLANS. ONE ACCESSIBLE PARKING SPACE SHALL BE DESIGNATED AS "VAN ACCESSIBLE".
 - ACCESSIBLE PARKING SIGNAGE SHALL BE PROVIDED FOR EACH ACCESSIBLE PARKING SPACE IN CONFORMANCE WITH TEXAS ACCESSIBILITY STANDARDS.

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AFFIXATION DATE:

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Interior Architecture
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15900 DOOLEY ROAD
ADDISON, TEXAS

Job No.
00018

Plan No.

Date
31 JAN 2005

Drawn By
Ccei

Revisions
▲ 19 MAY 2005
▲ 02 JUN 2005

Sheet Title
PAVING PLAN

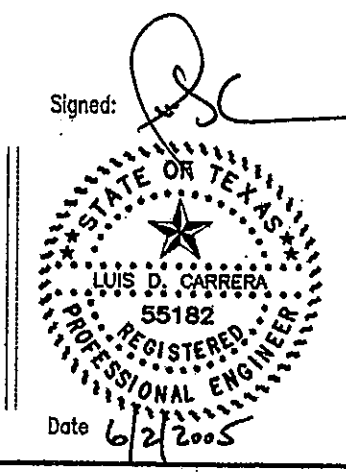
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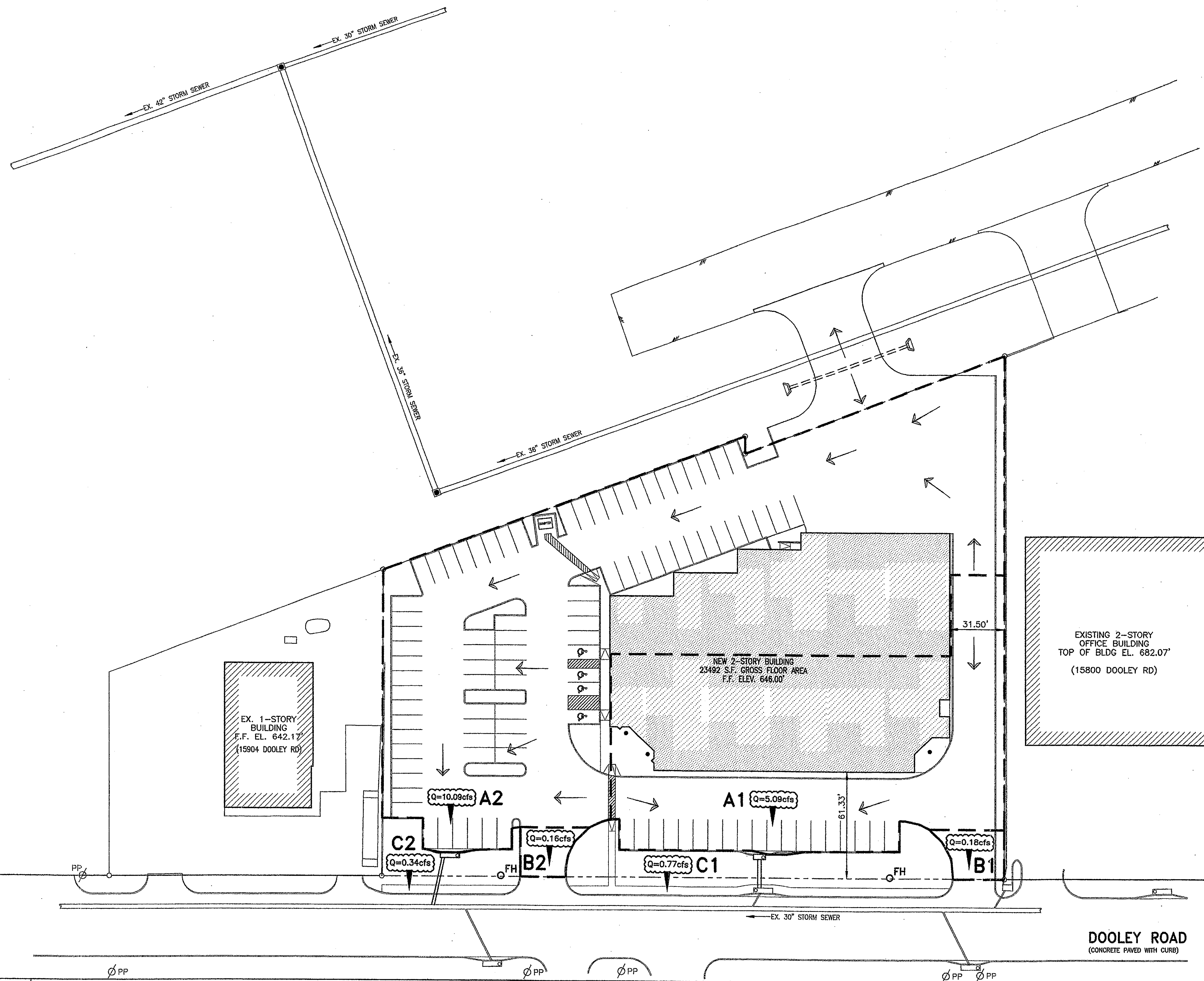
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Dallas, Texas 75211
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Fax: (214) 330-2167





PLAN LEGEND

| | | | |
|--|----------------------------|--|-----------------------------|
| | = EXIST. DRAINAGE FLOW | | = EXISTING FIRE HYDRANT |
| | = NEW DRAINAGE FLOW | | = EX. WASTEWATER MANHOLE |
| | = EXIST. CONTOUR ELEV | | = NEW FIRE HYDRANT |
| | = NEW GRADING CONTOUR | | = NEW WW MANHOLE |
| | = NEW PAVING CONTOUR | | = NEW STORM DRAIN MH |
| | = EXIST. SPOT ELEVATION | | = WATER METER |
| | = NEW SPOT ELEVATION | | = DCO = TWO-WAY WW CLEANOUT |
| | = DRAINAGE DIVIDE | | = WV = WATER MAIN VALVE |
| | = DBL DETECTOR CHECK VAULT | | = TEE CONNECTION |
| | = DBL DETECTOR CHECK VAULT | | = TEE CONNECTION |
| | = DBL DETECTOR CHECK VAULT | | = TEE CONNECTION |

DRAINAGE AREA CALCULATIONS

(INDUSTRIAL DISTRICT)

| DRAINAGE AREA MARK | AREA (acre) | Tc (min) | I ₁₀₀ | C | Q ₁₀₀ (cfs) | REMARKS |
|--------------------|-------------|----------|------------------|------|------------------------|------------------|
| A1 | 0.603 | 10 | 8.88 | 0.95 | 5.09 | 100-YR FREQUENCY |
| A2 | 1.196 | 10 | 8.88 | 0.95 | 10.09 | 100-YR FREQUENCY |
| B1 | 0.022 | 10 | 8.88 | 0.95 | 0.18 | 100-YR FREQUENCY |
| B2 | 0.019 | 10 | 8.88 | 0.95 | 0.16 | 100-YR FREQUENCY |
| C1 | 0.091 | 10 | 8.88 | 0.95 | 0.77 | 100-YR FREQUENCY |
| C2 | 0.041 | 10 | 8.88 | 0.95 | 0.34 | 100-YR FREQUENCY |

STORMWATER DETENTION CALCULATIONS - AREA A1

(100-YEAR FREQUENCY) (ALLOWABLE OUTFLOW Q = 5.11 cfs)

| AREA (acre) | Tc (min) | I ₁₀₀ | C | Q ₁₀₀ (cfs) | VOL. in (c.f.) | VOL. out (c.f.) | DETAINED VOL. (c.f.) |
|-------------|----------|------------------|------|------------------------|----------------|-----------------|----------------------|
| 0.60 | 15 | 7.52 | 0.95 | 4.31 | 3877.0 | 4598.7 | 0.0 |
| 0.60 | 20 | 6.80 | 0.95 | 3.90 | 5045.7 | 6131.6 | 0.0 |
| 0.60 | 30 | 5.75 | 0.95 | 3.29 | 7022.0 | 9197.4 | 0.0 |
| 0.60 | 40 | 5.00 | 0.95 | 2.86 | 8740.5 | 12263.2 | 0.0 |
| 0.60 | 50 | 4.90 | 0.95 | 2.81 | 10424.7 | 15329.1 | 0.0 |
| 0.60 | 60 | 3.91 | 0.95 | 2.24 | 11768.6 | 18394.9 | 0.0 |

NOTE:
 1. ALLOWABLE OUTFLOW IS BASED ON 12" PIPE AT 0.011 SLOPE WITH VELOCITY LESS THAN 15fps.
 2. DETAINED VOLUME IS EQUAL TO "VOLUME IN" MINUS "VOLUME OUT".

STORMWATER DETENTION CALCULATIONS - AREA A2

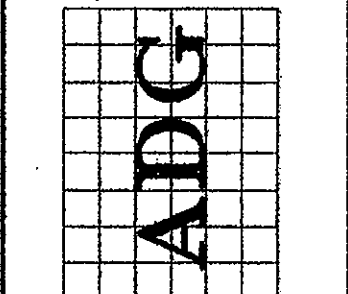
(100-YEAR FREQUENCY) (ALLOWABLE OUTFLOW Q = 14.84 cfs)

| AREA (acre) | Tc (min) | I ₁₀₀ | C | Q ₁₀₀ (cfs) | VOL. in (c.f.) | VOL. out (c.f.) | DETAINED VOL. (c.f.) |
|-------------|----------|------------------|------|------------------------|----------------|-----------------|----------------------|
| 1.20 | 15 | 7.52 | 0.95 | 8.54 | 7689.8 | 13358.5 | 0.0 |
| 1.20 | 20 | 6.80 | 0.95 | 7.73 | 10007.6 | 17811.3 | 0.0 |
| 1.20 | 30 | 5.75 | 0.95 | 6.53 | 13927.5 | 26716.9 | 0.0 |
| 1.20 | 40 | 5.00 | 0.95 | 5.68 | 17336.1 | 35622.5 | 0.0 |
| 1.20 | 50 | 4.90 | 0.95 | 5.57 | 20676.6 | 44528.2 | 0.0 |
| 1.20 | 60 | 3.91 | 0.95 | 4.44 | 23342.1 | 53433.8 | 0.0 |

NOTE:
 1. ALLOWABLE OUTFLOW IS BASED ON 18" PIPE AT 0.011 SLOPE WITH VELOCITY LESS THAN 15fps.
 2. DETAINED VOLUME IS EQUAL TO "VOLUME IN" MINUS "VOLUME OUT".

EXPIRATION DATE:
 AFFIXATION DATE:

Addison Design Group, LLC
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AIRCORP
 15900 DOOLEY ROAD
 ADDISON, TEXAS

Job No. **00018**
 Plan No.
 Date **31 JAN 2005**

Drawn By **Ccei**

Revisions
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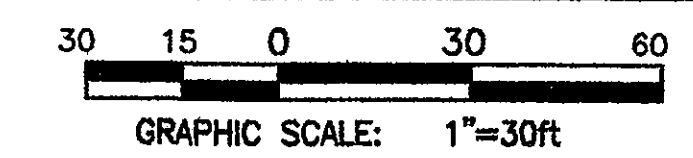
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Sheet No.

C500

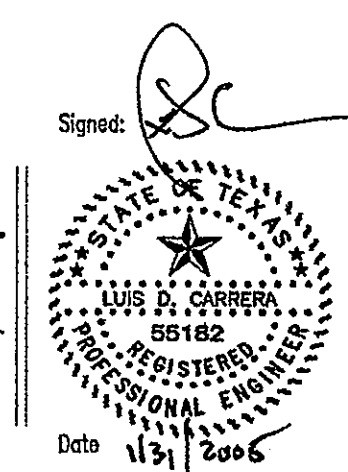
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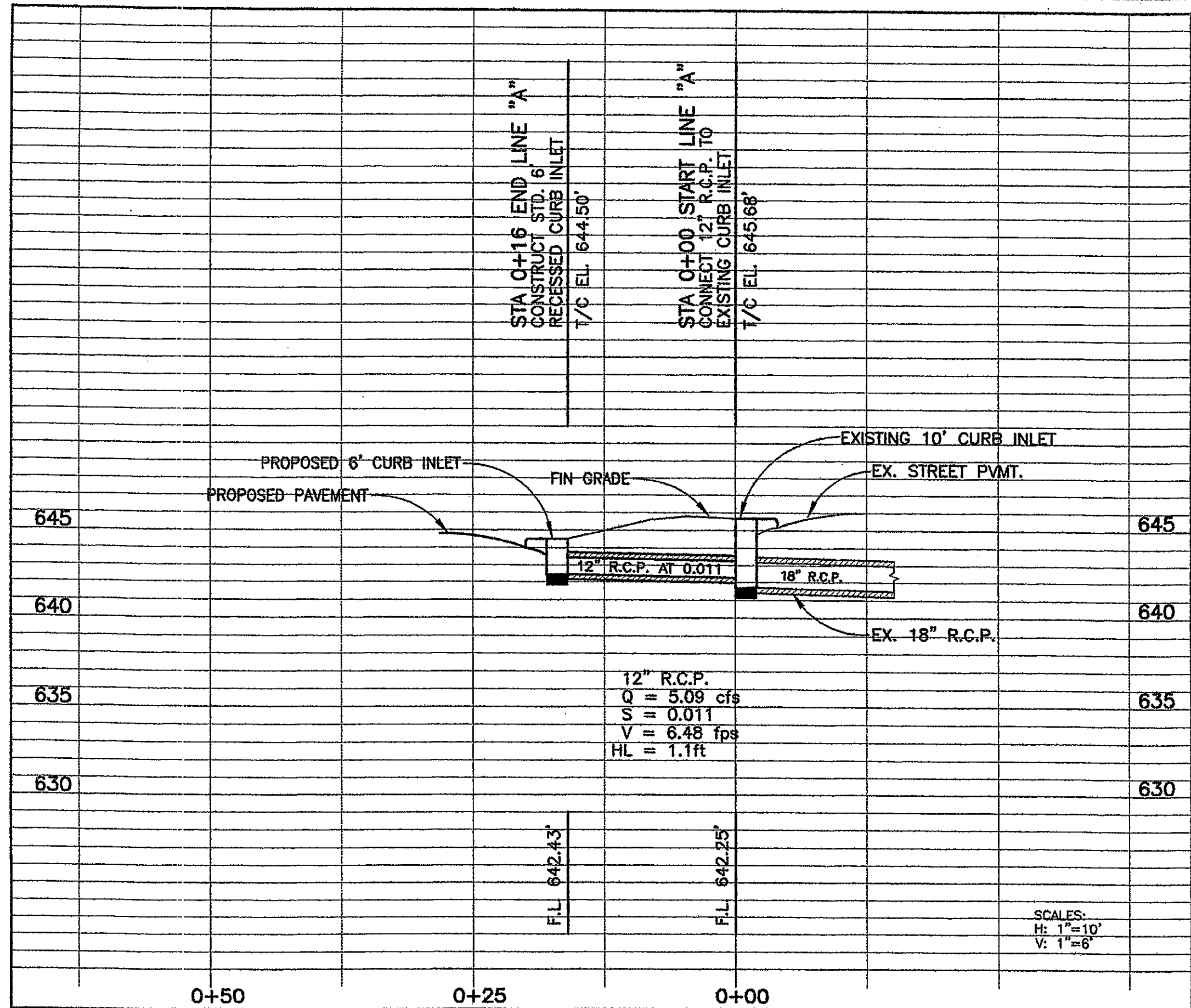
01 ONSITE DRAINAGE AREA PLAN



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 Structural, Civil, & Construction Engineering

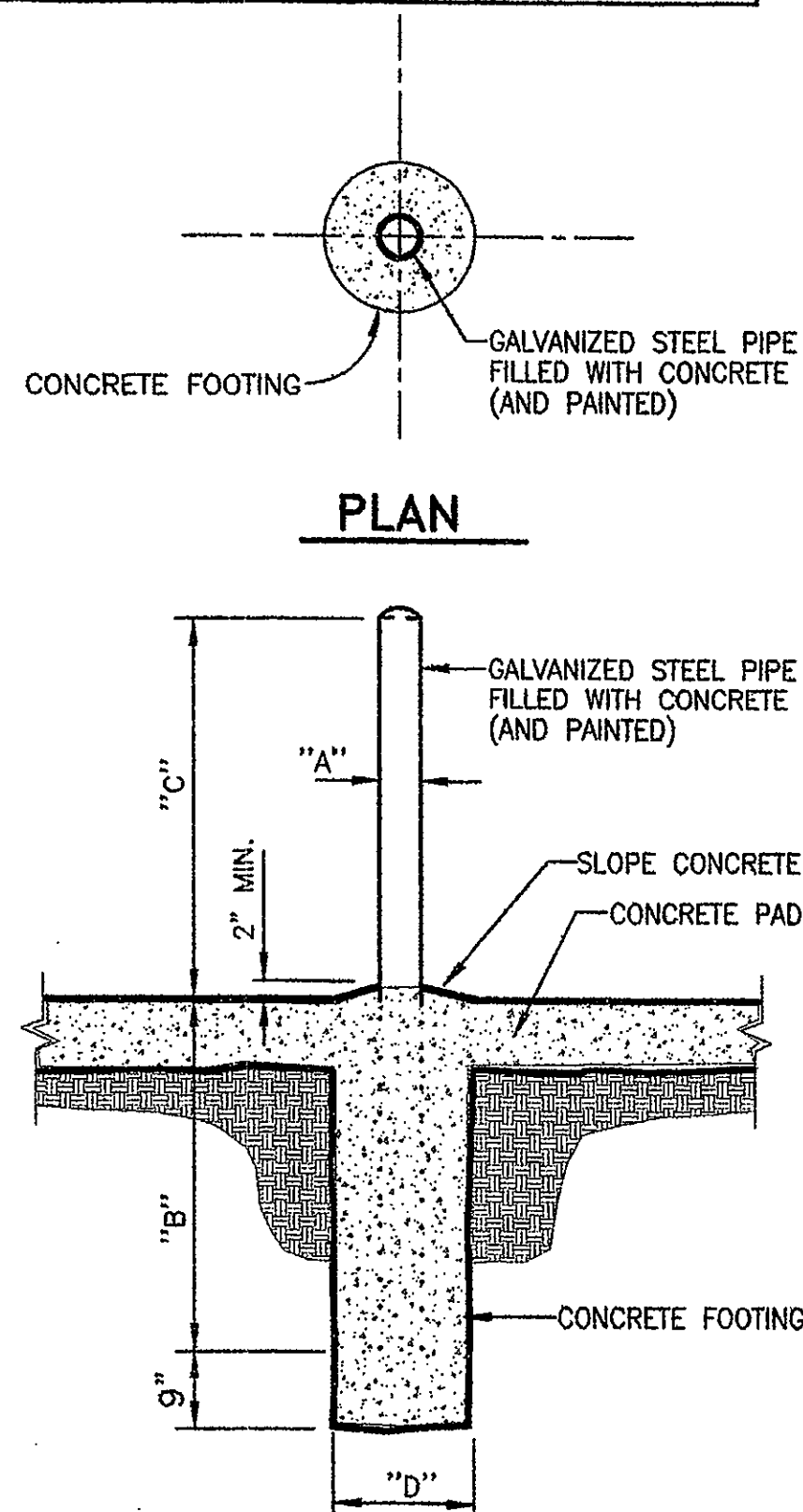
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PROFILE - STORM DRAIN LINE "A"

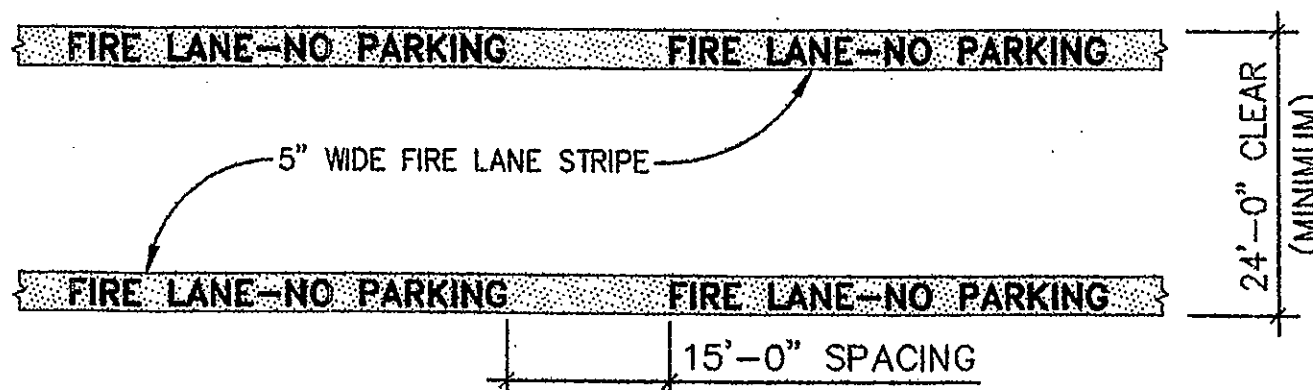
| DIM. | LT. DUTY | MED. DUTY | HVY. DUTY |
|------|----------|-----------|-----------|
| A | 3"φ | 6"φ | 8"φ |
| B | 2'-6" | 3'-6" | 4'-0" |
| C | 2'-6" | 3'-6" | 4'-0" |
| D | 1'-0" | 1'-6" | 2'-0" |



A TYP DETAIL - PIPE BOLLARD
not to scale

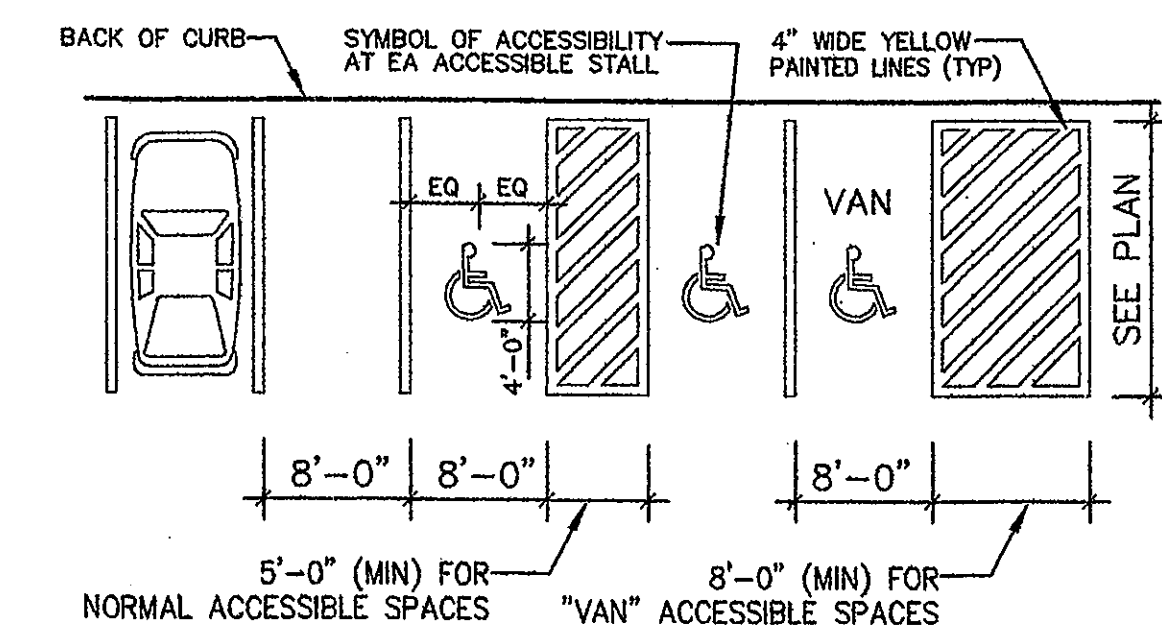
STRIPING NOTES:

- A. PAINT:
 1. STRIPE SHALL BE FIVE (5) INCHES WIDE PAINTED WITH AN EXTERIOR ACRYLIC LATEX PAINT.
 2. STRIPE COLOR SHALL BE "TRAFFIC RED" GLIDDEN #63251 OR EQUAL.
 3. LETTERS SHALL BE FOUR (4) INCHES HIGH PAINTED WITH AN EXTERIOR ACRYLIC LATEX PAINT.
 4. LETTER COLOR SHALL "TRAFFIC WHITE" GLIDDEN #563245 OR EQUAL.
- B. APPLICATION:
 1. STRIPE MAY BE BRUSHED OR SPRAYED, ONE COAT TO FINISH.
 2. LETTERS SHALL BE STENCIL FORMED BRUSHED APPLIED AND SPACED AS DETAILED THIS SHEET.

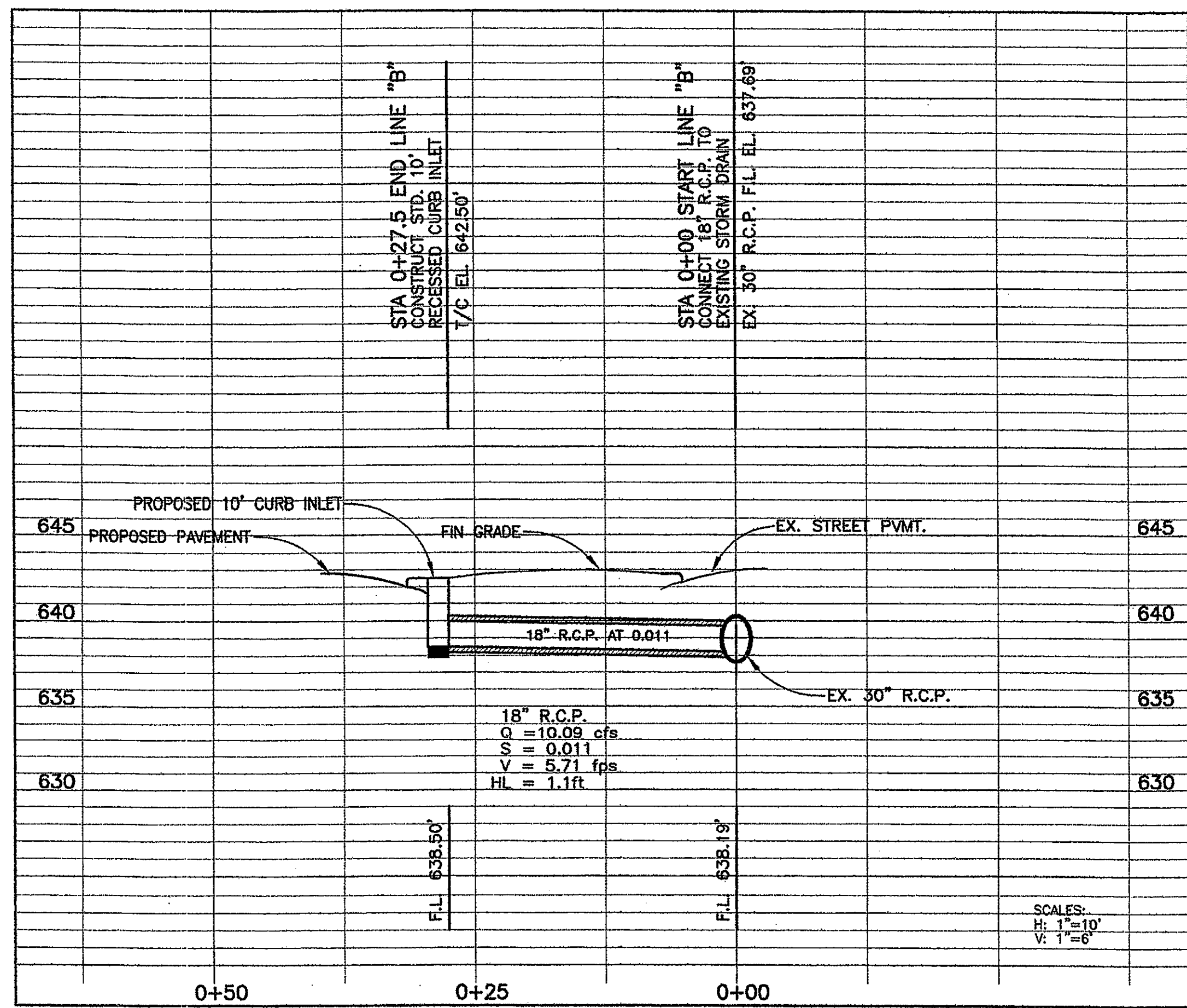


B TYP FIRE LANE STRIPING DETAIL
not to scale

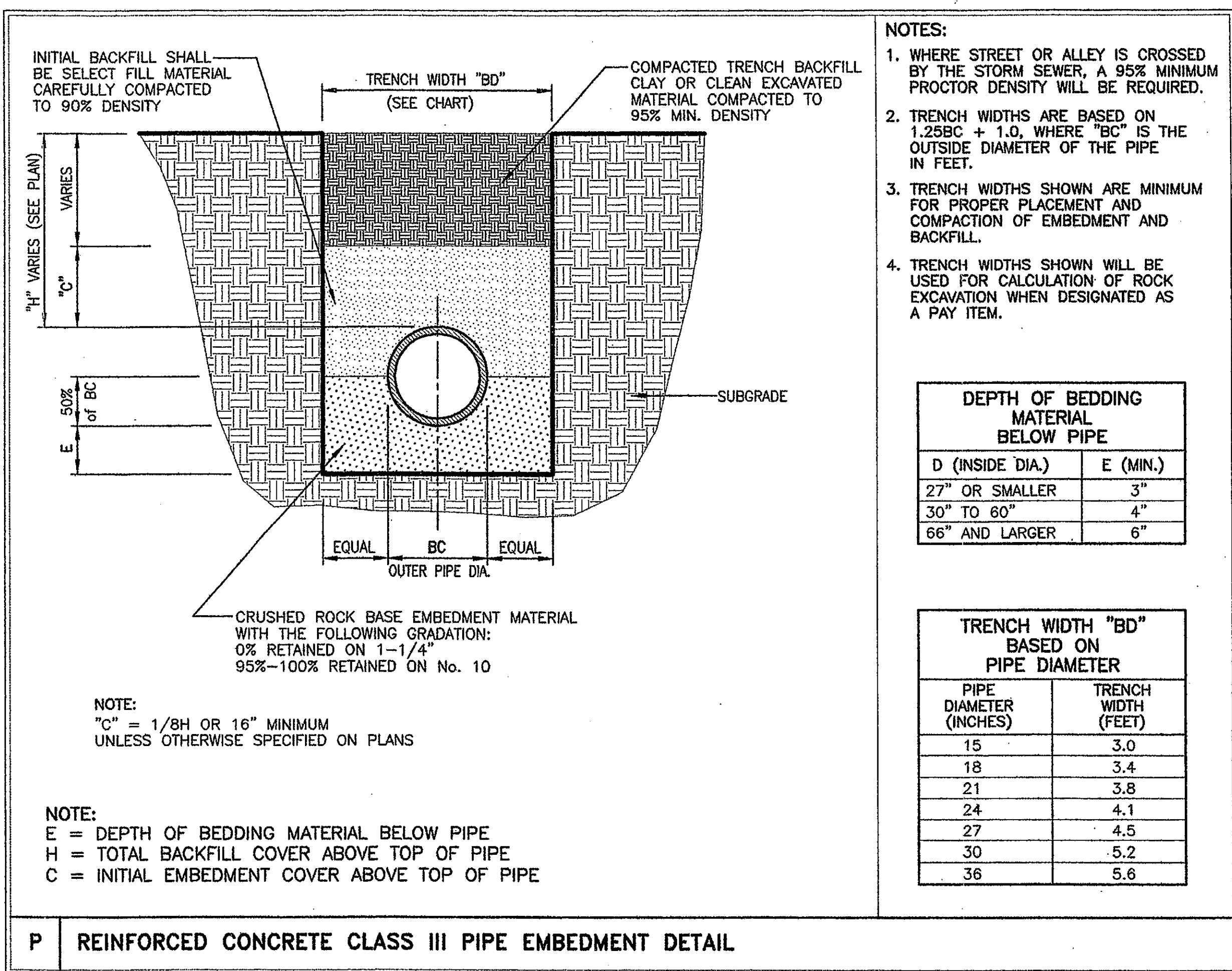
PROVIDE (1) POST OR WALL MOUNTED ACCESSIBLE PARKING SIGN IN FRONT OF EACH ACCESSIBLE PARKING SPACE AT 80-INCH HEIGHT. A "VAN PARKING" SIGN SHALL BE LOCATED IN FRONT OF THE VAN ACCESSIBLE PARKING SPACE.



C TYPICAL PARKING SPACE STRIPING
not to scale



PROFILE - STORM DRAIN LINE "B"

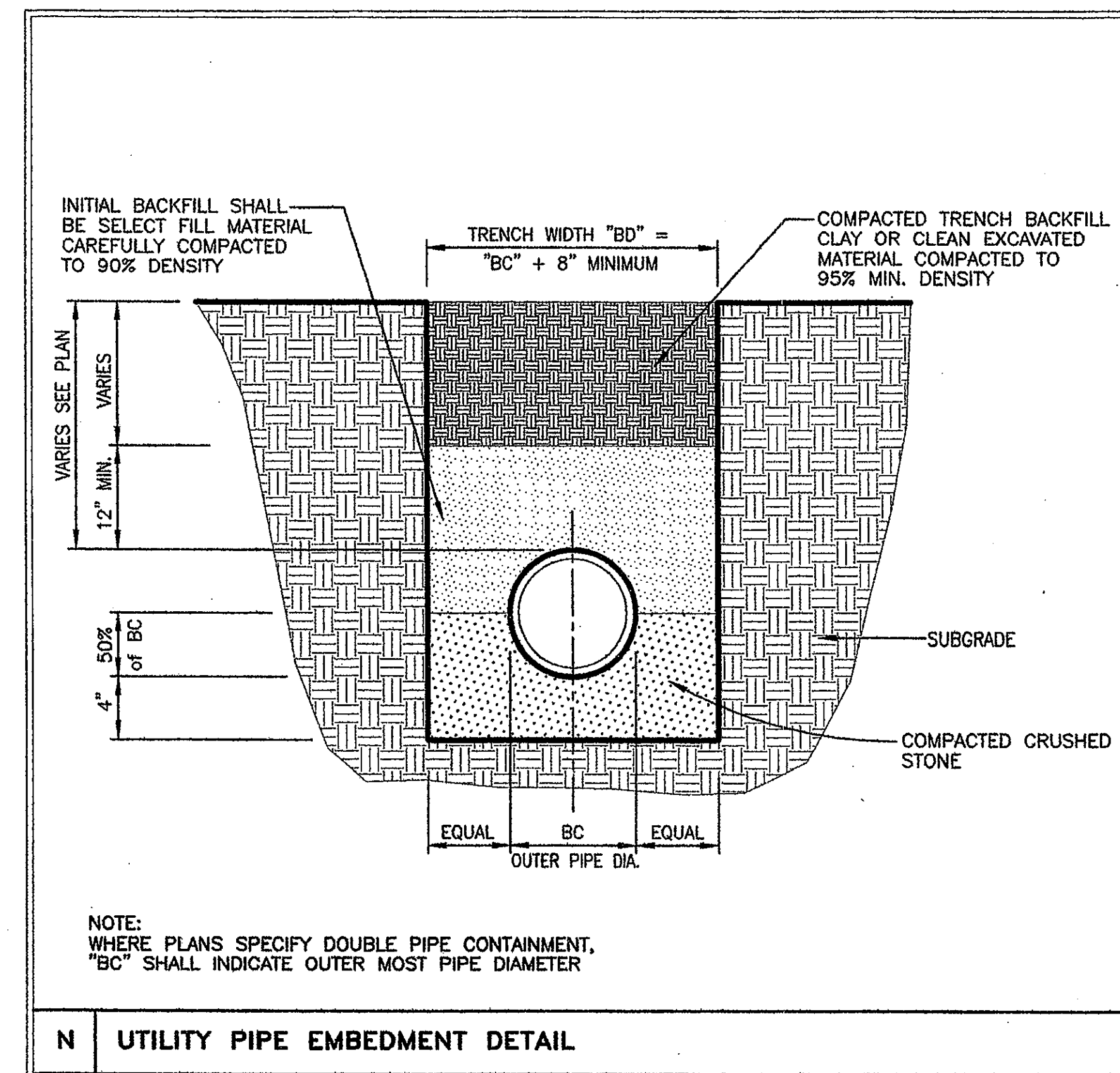


P REINFORCED CONCRETE CLASS III PIPE EMBEDMENT DETAIL

- NOTES:
- WHERE STREET OR ALLEY IS CROSSED BY THE STORM SEWER, A 95% MINIMUM PROCTOR DENSITY WILL BE REQUIRED.
 - TRENCH WIDTHS ARE BASED ON 1.25BC + 1.0, WHERE "BC" IS THE OUTSIDE DIAMETER OF THE PIPE IN FEET.
 - TRENCH WIDTHS SHOWN ARE MINIMUM FOR PROPER PLACEMENT AND COMPACTION OF EMBEDMENT AND BACKFILL.
 - TRENCH WIDTHS SHOWN WILL BE USED FOR CALCULATION OF ROCK EXCAVATION WHEN DESIGNATED AS A PAY ITEM.

| DEPTH OF BEDDING MATERIAL BELOW PIPE | |
|--------------------------------------|----------|
| D (INSIDE DIA.) | E (MIN.) |
| 27" OR SMALLER | 3" |
| 30" TO 60" | 4" |
| 66" AND LARGER | 6" |

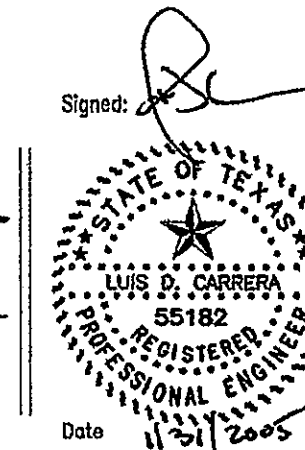
| TRENCH WIDTH "BD" BASED ON PIPE DIAMETER | |
|--|---------------------|
| PIPE DIAMETER (INCHES) | TRENCH WIDTH (FEET) |
| 15 | 3.0 |
| 18 | 3.4 |
| 21 | 3.8 |
| 24 | 4.1 |
| 27 | 4.5 |
| 30 | 5.2 |
| 36 | 5.6 |



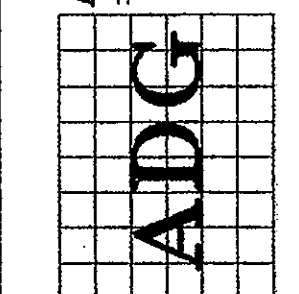
N UTILITY PIPE EMBEDMENT DETAIL

CARRERA consulting engineers, inc.
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Architecture - Interior Architecture
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Tel: (972) 437-4811 Fax: (972) 671-9191



AIRCORP
15900 DOOLEY ROAD
ADDISON, TEXAS

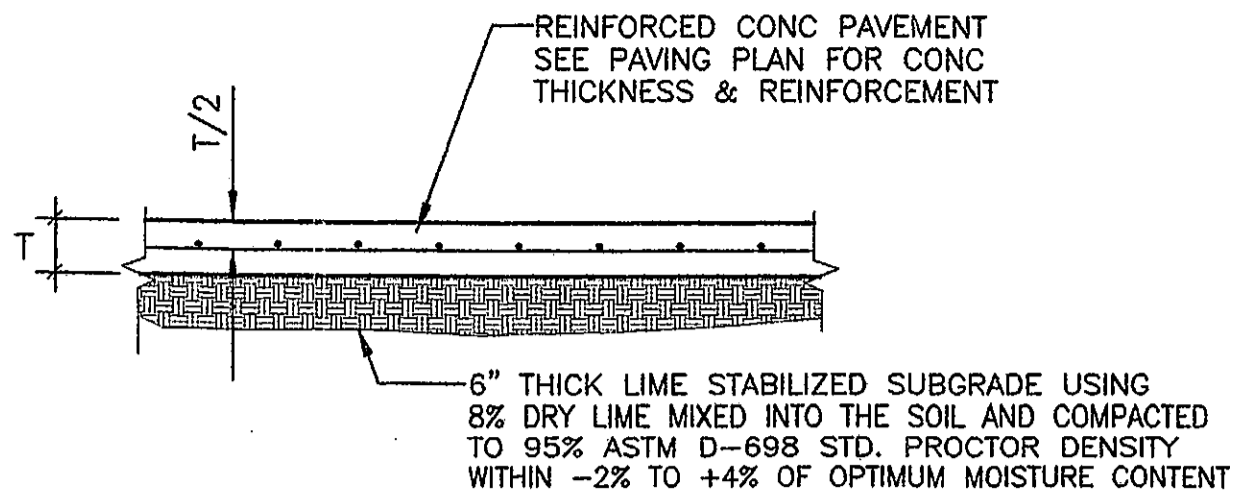
Job No. 00018
Plan No.
Date 31 JAN 2005
Drawn By Ccei
Revisions

Sheet Title
STORM DRAIN PROFILES & DETAILS

Sheet No.

C601

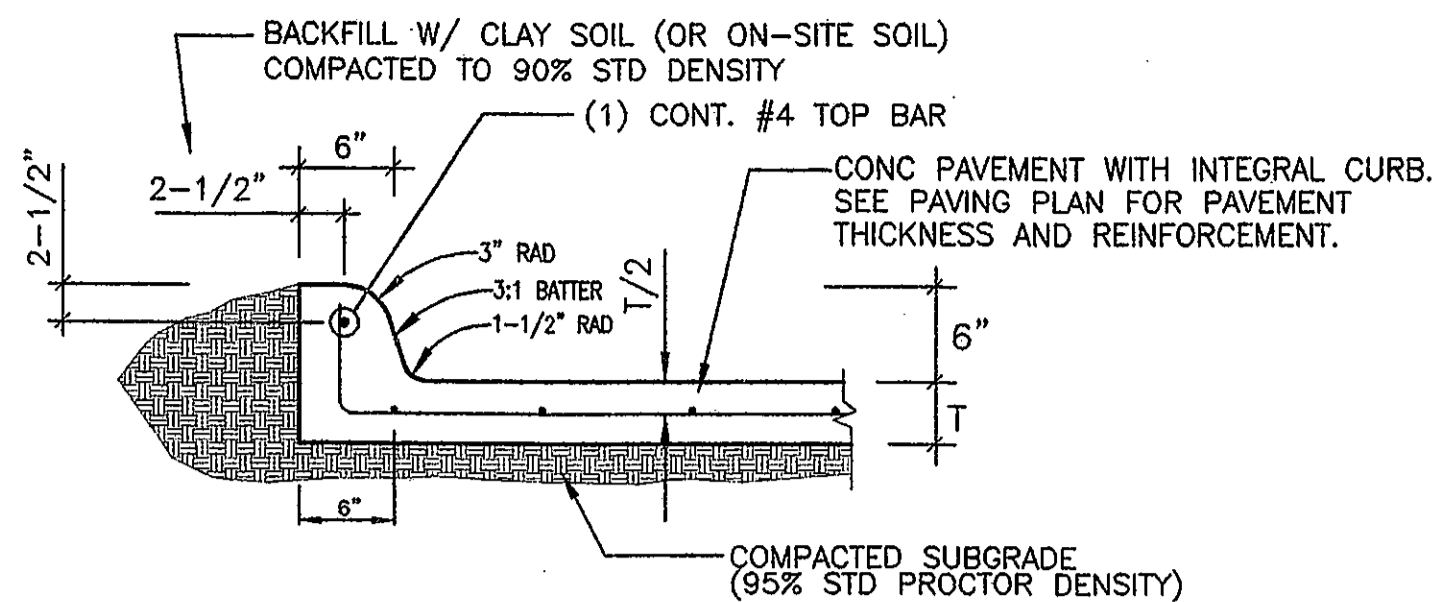
- NOTES:
- WHERE NEW PAVEMENT ABUTS EXISTING PAVEMENT, PROVIDE #5 SMOOTH STEEL REINFORCING BAR DOWELED INTO EXISTING PAVEMENT, A MINIMUM OF 9-INCHES, SECURED WITH EPOXY A104 (OR EQUAL) AND SPACED AT 18-INCH CENTERS. DOWELS SHALL BE NON-LUBRICATED.
 - SEE TYPICAL DETAIL THIS SHEET FOR CONCRETE PAVEMENT EXPANSION & CONTROL JOINTS.
 - CONCRETE TO HAVE MINIMUM 4000 PSI COMPRESSIVE STRENGTH AT 28 DAYS AND A MINIMUM CEMENT CONTENT OF 6 SACKS PER CUBIC YARD OF CONCRETE.



TYP SECTION - CONCRETE PAVEMENT OVER LIME STABILIZED SUBGRADE

not to scale

- NOTES:
- WHERE NEW CURB EXISTS TO EXISTING CURB, PROVIDE 24" LG #3 DEFORMED STEEL REINFORCING BAR DOWELED INTO EXISTING CURB, A MINIMUM OF 12-INCHES, SECURED WITH EPOXY A103 (OR EQUAL). DOWELS SHALL BE NON-LUBRICATED.
 - SEE TYPICAL DETAIL THIS SHEET FOR CONNECTION TO EXISTING CURB.
 - CONCRETE TO HAVE MINIMUM 4000 PSI COMPRESSIVE STRENGTH AT 28 DAYS AND A MINIMUM CEMENT CONTENT OF 6 SACKS PER CUBIC YARD OF CONCRETE AND SHALL BE PLACED MONOLITHICALLY.

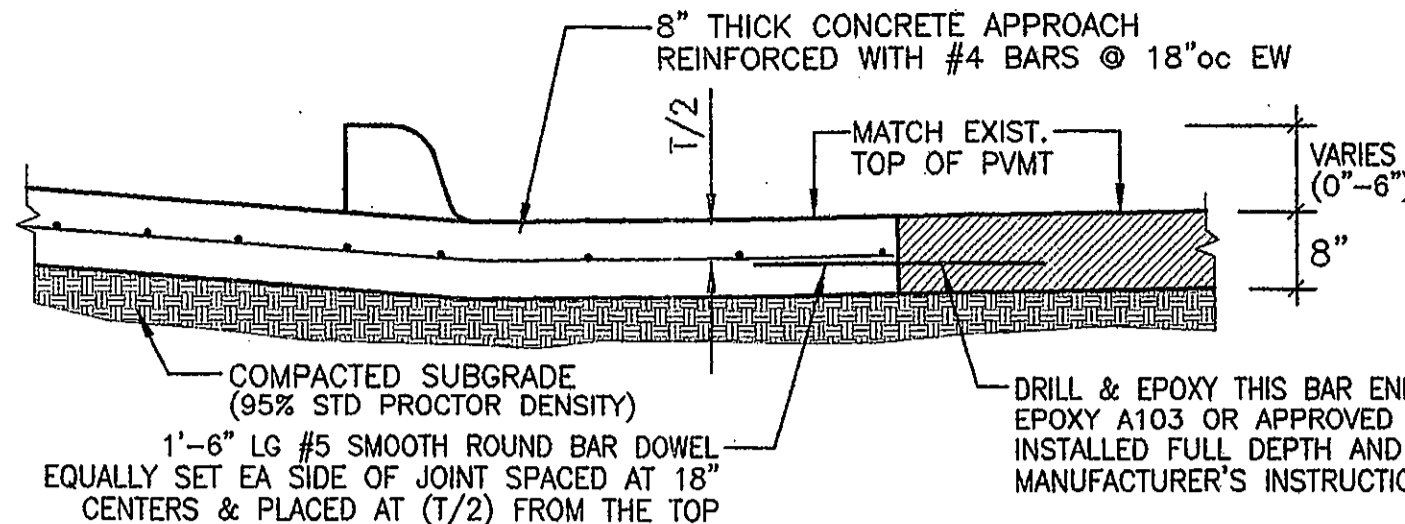


TYP PAVEMENT SECTION W/ INTEGRAL CURB

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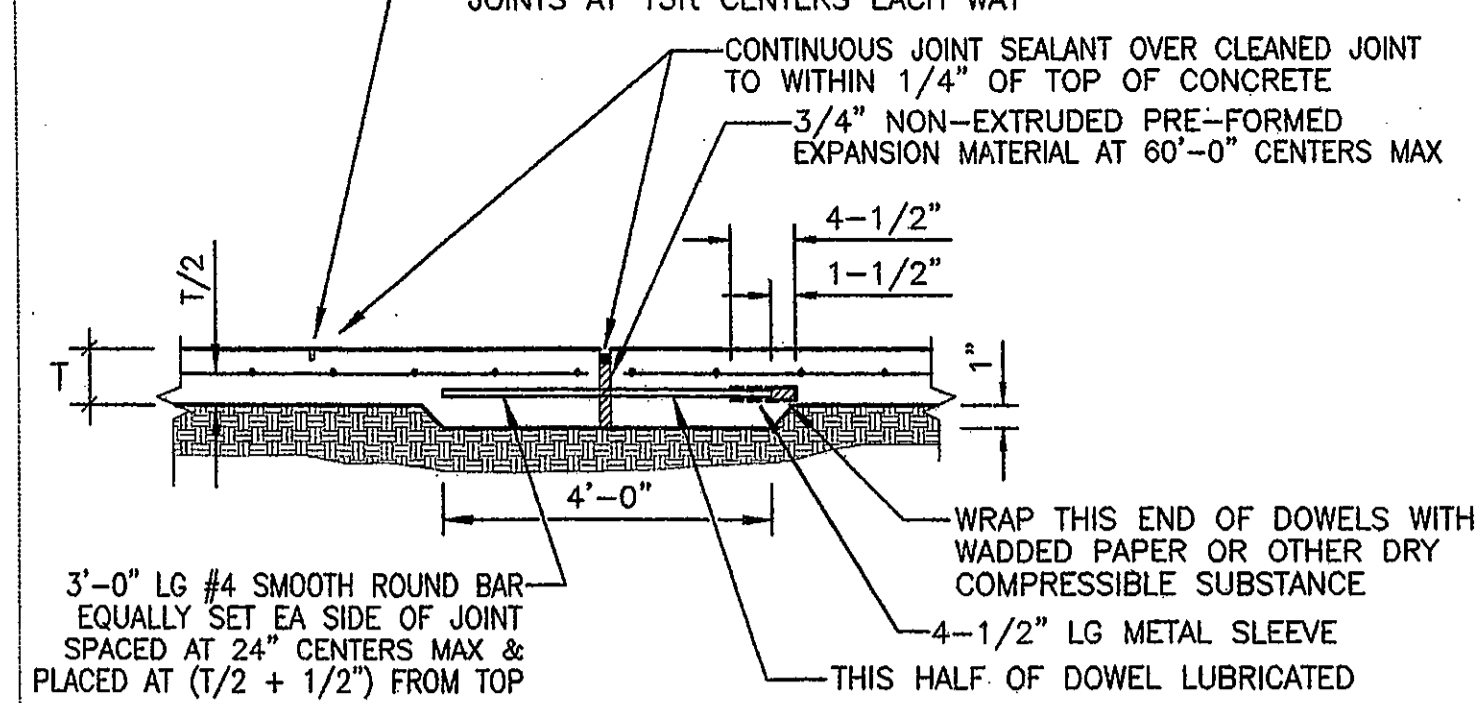
- NOTES:
- SEE PAVING PLAN FOR PAVEMENT GRADES.
 - SEE TYPICAL DETAIL THIS SHEET FOR PAVEMENT CONNECTION TO EXISTING CONCRETE.
 - CONCRETE TO HAVE MINIMUM 4000 PSI COMPRESSIVE STRENGTH AT 28 DAYS AND A MINIMUM CEMENT CONTENT OF 6 SACKS PER CUBIC YARD OF CONCRETE AND SHALL BE PLACED MONOLITHICALLY.

NOTE:
LIMITS OF 8" THK. CONC. APPROACH PAVEMENT IS FROM EXISTING CITY PAVEMENT TO PROPERTY LINE



TYP SECTION - CONCRETE APPROACH

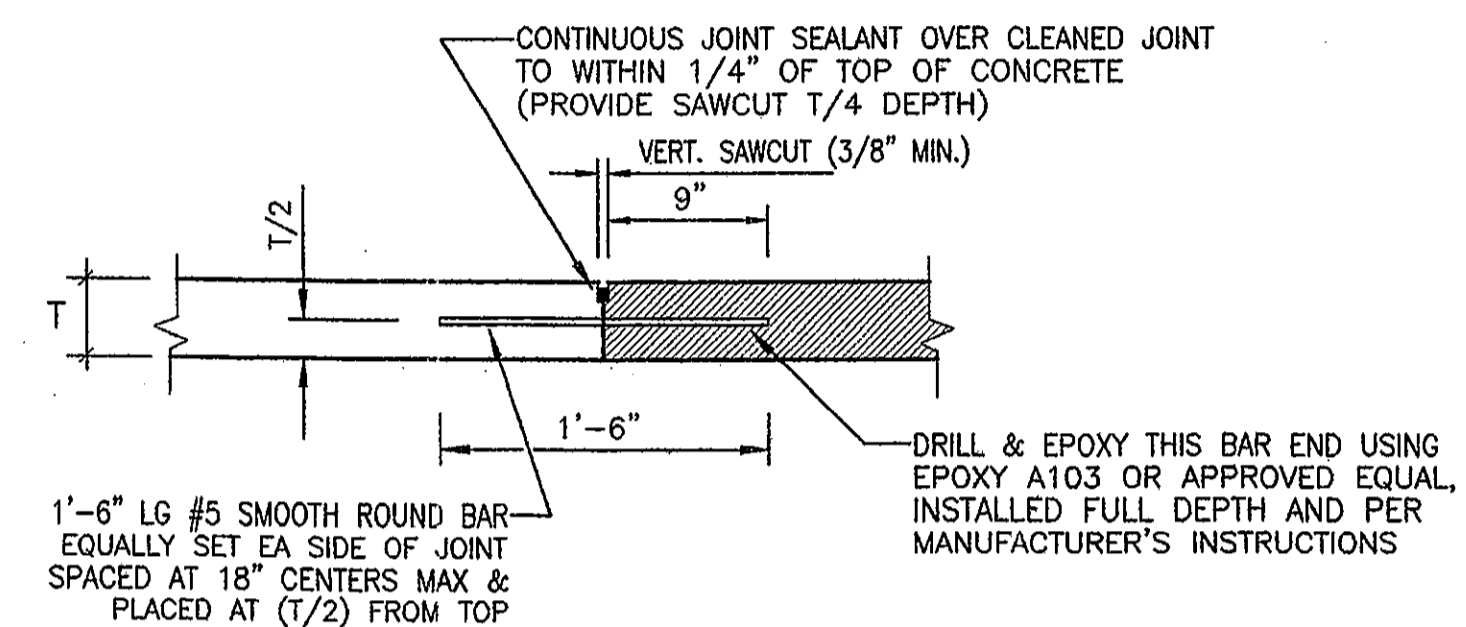
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TYP SECTION - CONCRETE PAVEMENT EXPANSION AND SAWED CONTROL JOINTS

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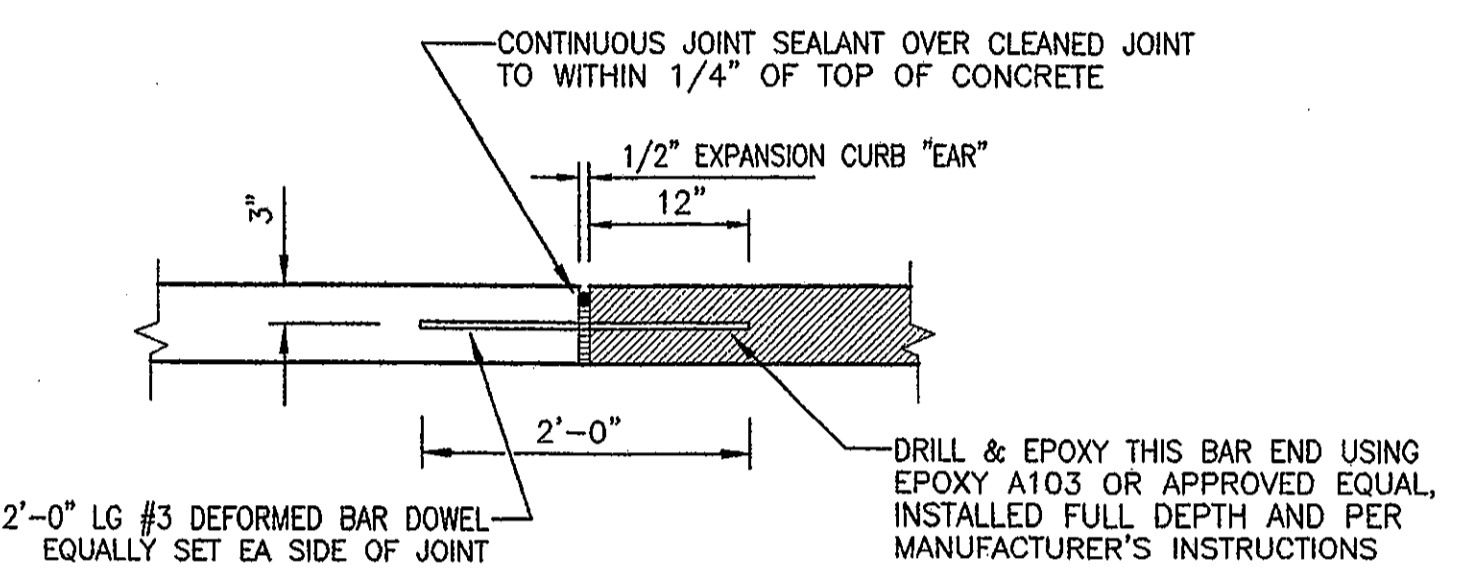
- NOTES:
- NON-LUBRICATED SMOOTH DOWEL BARS SHALL BE DRILLED INTO PAVEMENT HORIZONTALLY BY USE OF A MECHANICAL RIG. DRILLING BY HAND IS NOT ACCEPTABLE. PUSHING DOWEL BARS INTO GREEN CONCRETE IS NOT ACCEPTABLE.



TYP SECTION - CONCRETE PAVEMENT CONNECTION TO EXISTING PAVEMENT

not to scale

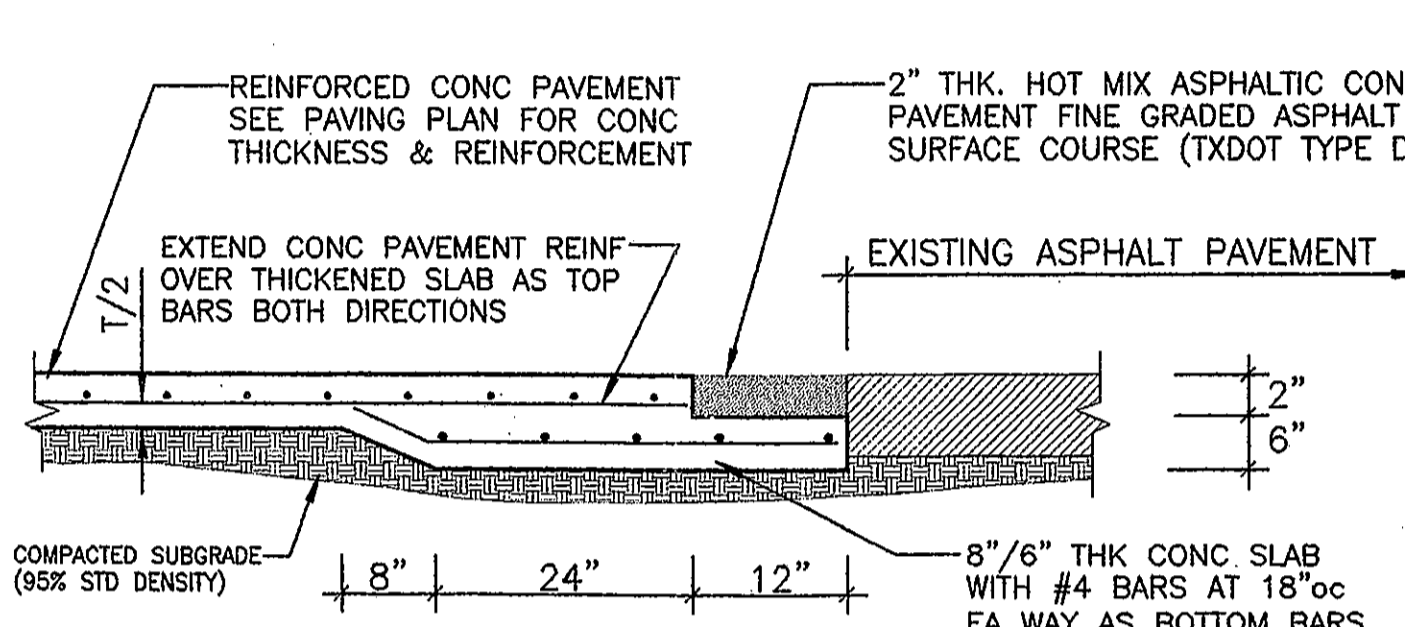
- NOTES:
- NON-LUBRICATED DEFORMED DOWEL BARS SHALL BE DRILLED INTO CURB HORIZONTALLY BY USE OF A MECHANICAL RIG. DRILLING BY HAND IS NOT ACCEPTABLE. PUSHING DOWEL BARS INTO GREEN CONCRETE IS NOT ACCEPTABLE.



TYP SECTION - CONCRETE CURB CONNECTION TO EXISTING CURB

not to scale

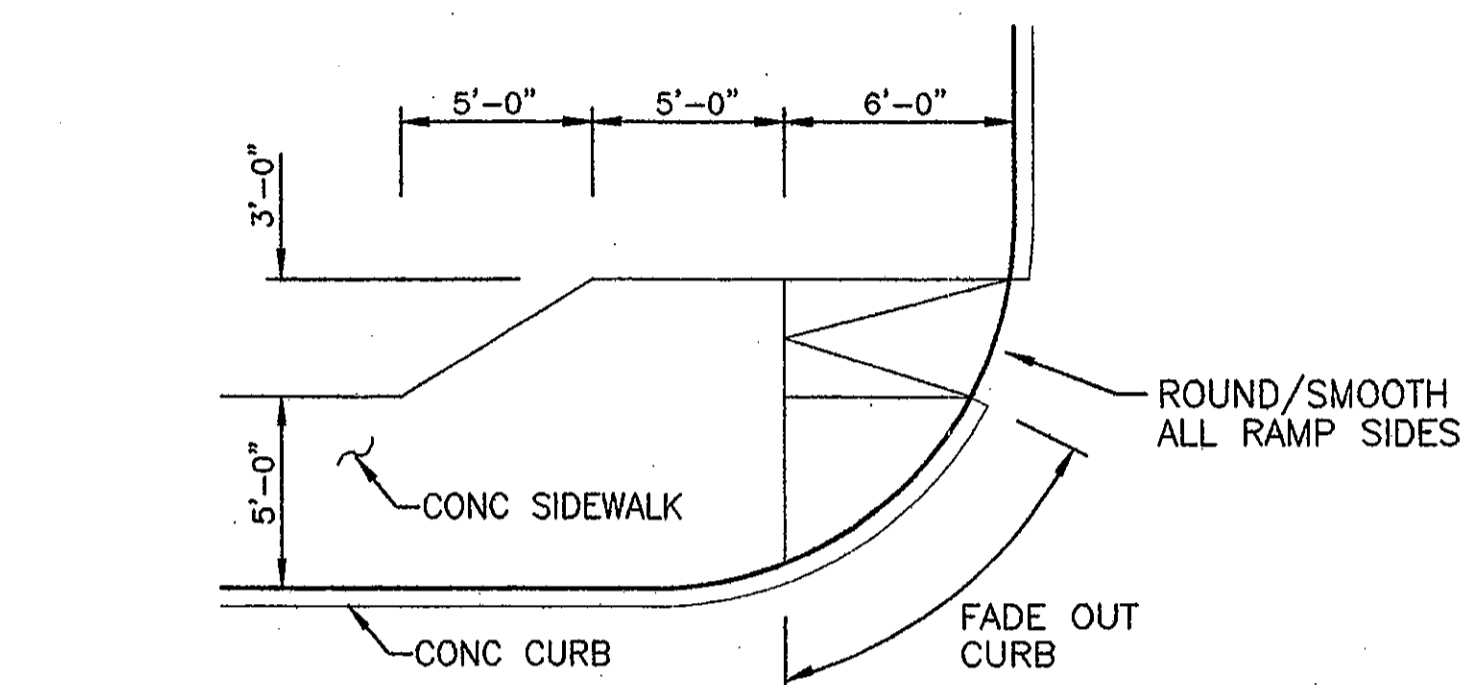
- NOTES:
- SEE TYPICAL DETAIL THIS SHEET FOR CONCRETE PAVEMENT EXPANSION & CONTROL JOINTS.
 - CONCRETE TO HAVE MINIMUM 4000 PSI COMPRESSIVE STRENGTH AT 28 DAYS AND A MINIMUM CEMENT CONTENT OF 6 SACKS PER CUBIC YARD OF CONCRETE.



TYP SECTION - CONC CONNECTION TO EXISTING ASPHALT PAVEMENT

not to scale

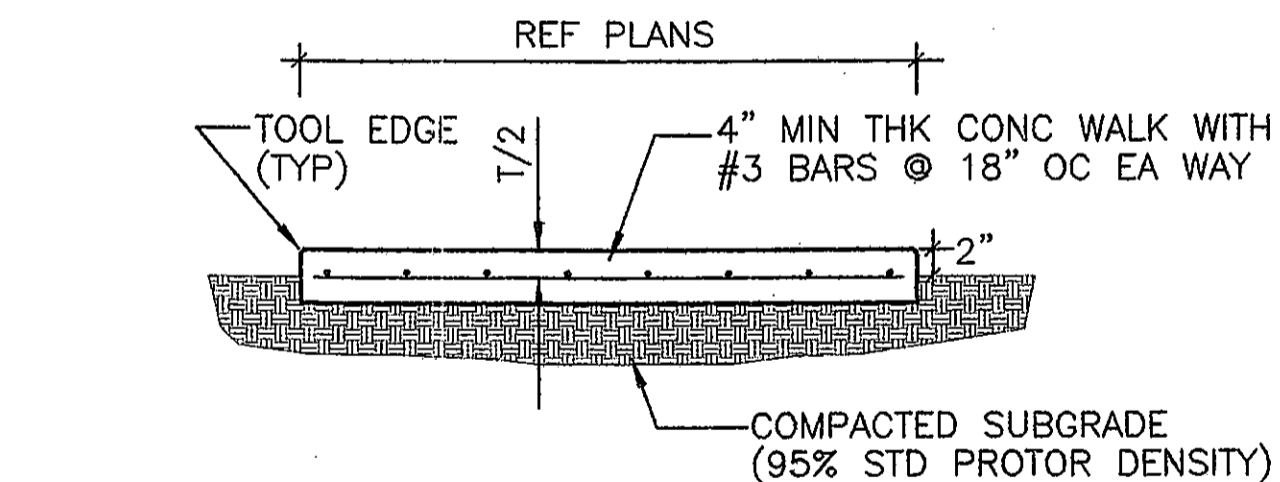
- ALL ACCESSIBLE CURB RAMPS SHALL HAVE SLOPES, TEXTURE, AND CONTRAST TO CONFORM WITH THE ACCESSIBILITY STANDARDS ADOPTED BY THE TEXAS DEPARTMENT OF LICENSING AND REGULATION COMPLYING WITH THE TEXAS ARCHITECTURAL BARRIERS ACT, ARTICLE 9102, TEXAS CIVIL STATUTES



BARRIER FREE RAMP AT DRIVE

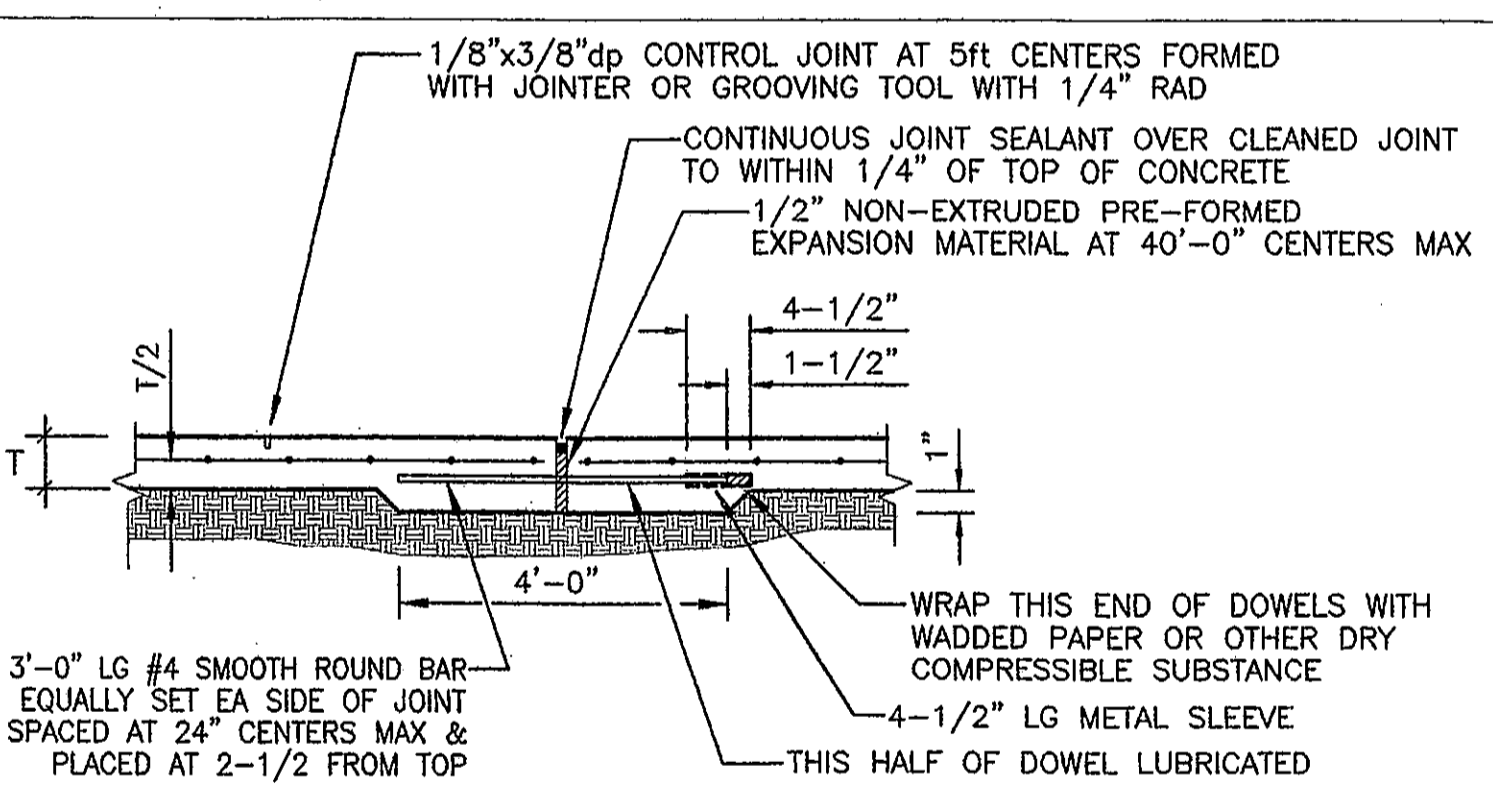
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- NOTES:
- SLOPE SIDEWALKS TO DRAIN IN DIRECTION OF WATER FLOW, NOT TO EXCEED 5% SLOPE.
 - SIDEWALKS ADJACENT TO BUILDINGS, SHALL SLOPE AWAY FROM BUILDING NOT TO EXCEED 2% SLOPE.
 - WHERE NEW SIDEWALKS ABUT EXISTING SIDEWALKS, PROVIDE #3 STEEL REINFORCING BARS DOWELED INTO EXISTING SIDEWALK, A MINIMUM OF 6-INCHES, SECURED WITH EPOXY AND SPACED AT 12-INCH CENTERS.
 - SEE TYPICAL DETAIL THIS SHEET FOR CONCRETE SIDEWALK EXPANSION & CONTROL JOINTS.
 - CONCRETE SIDEWALK FINISH TO BE LIGHT BRUSH OR SWEAT FINISH.
 - CONCRETE TO HAVE MINIMUM 4000 PSI COMPRESSIVE STRENGTH AT 28 DAYS AND A MINIMUM CEMENT CONTENT OF 6 SACKS PER CUBIC YARD OF CONCRETE.



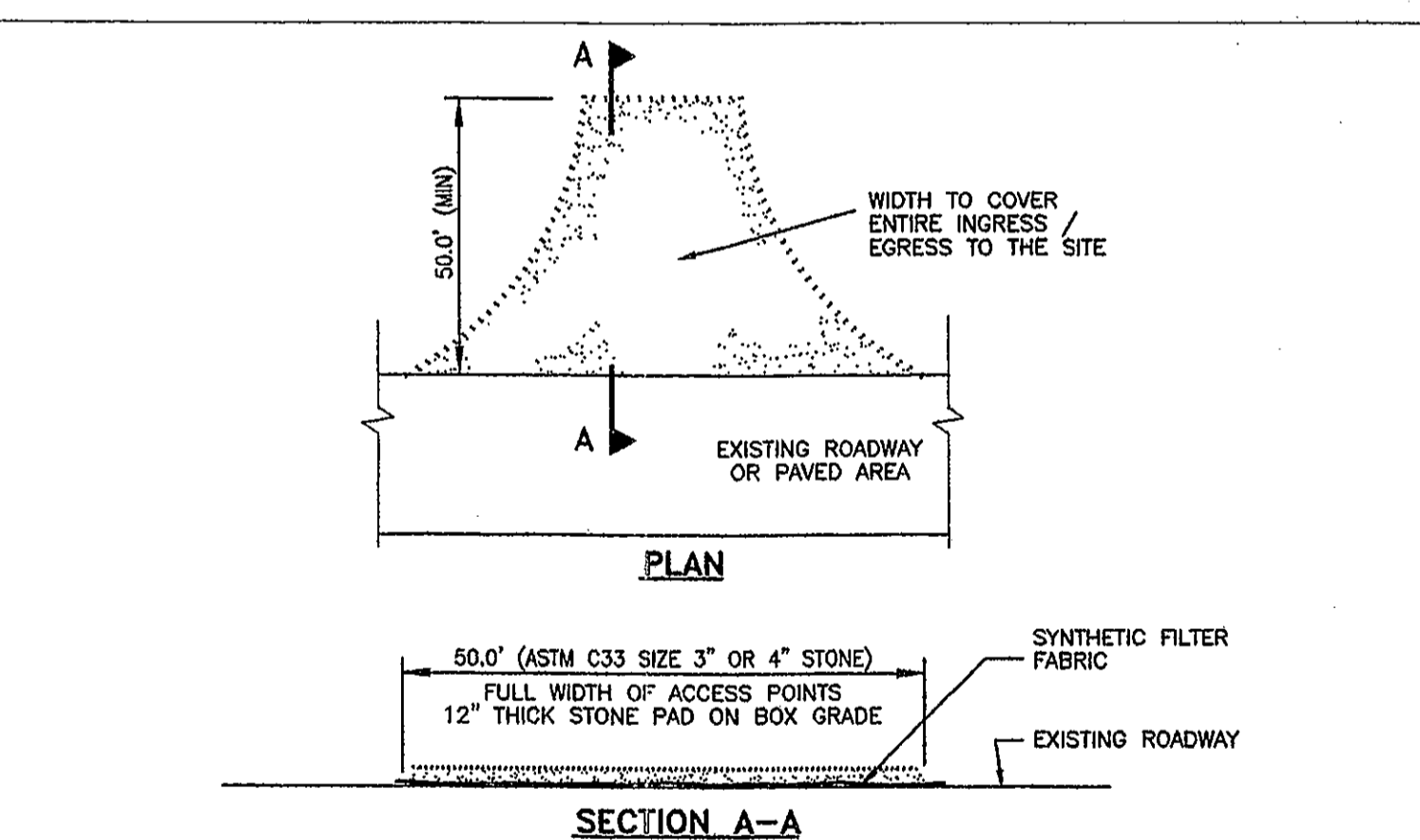
TYP SECTION - REINFORCED SIDEWALK

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TYP SECTION - CONCRETE SIDEWALK EXPANSION AND CONTROL JOINTS

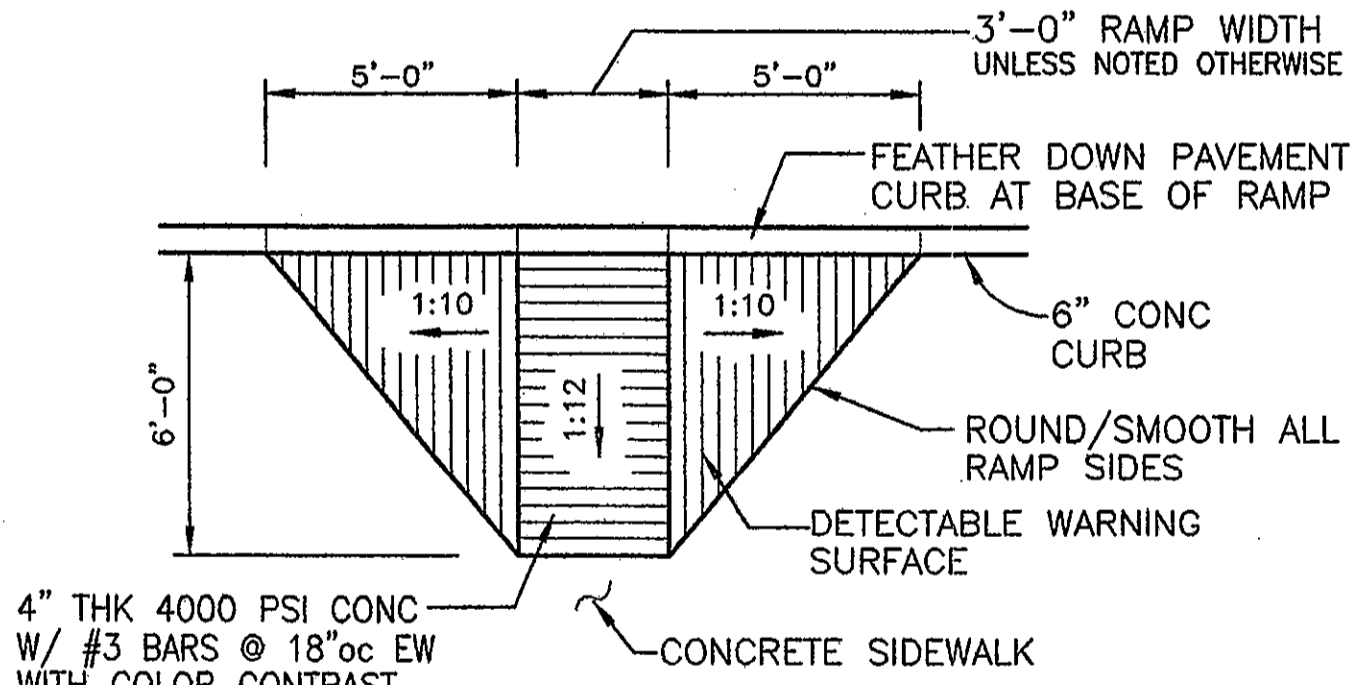
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TYP EROSION CONTROL - STABILIZED CONST ENTRANCE

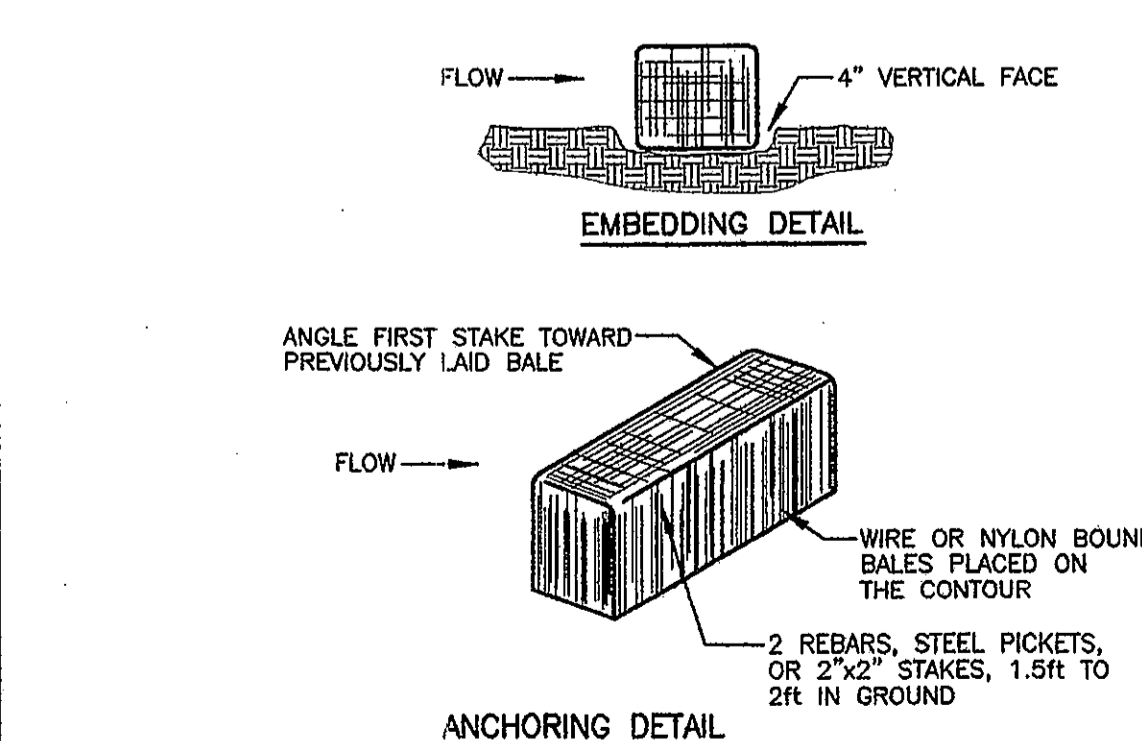
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- ALL ACCESSIBLE CURB RAMPS SHALL HAVE SLOPES, TEXTURE, AND CONTRAST TO CONFORM WITH THE ACCESSIBILITY STANDARDS ADOPTED BY THE TEXAS DEPARTMENT OF LICENSING AND REGULATION COMPLYING WITH THE TEXAS ARCHITECTURAL BARRIERS ACT, ARTICLE 9102, TEXAS CIVIL STATUTES



TYP PLAN - BARRIER FREE CURB RAMP

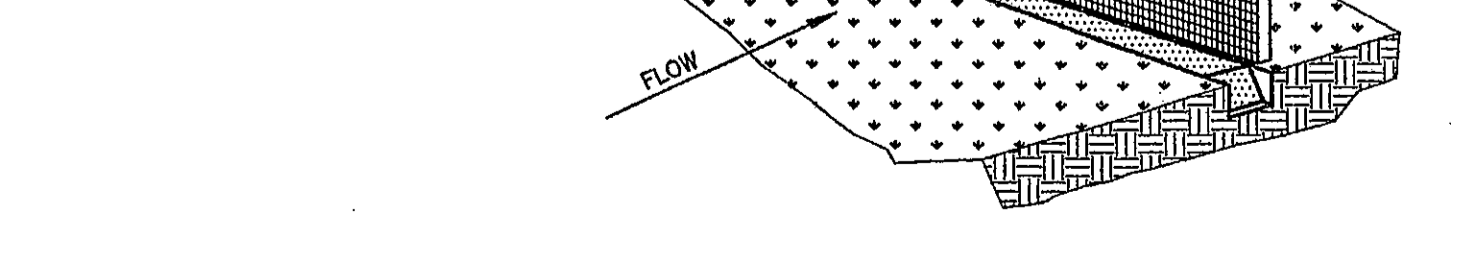
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TYP EROSION CONTROL DEVICE - HAY BALE BARRIER

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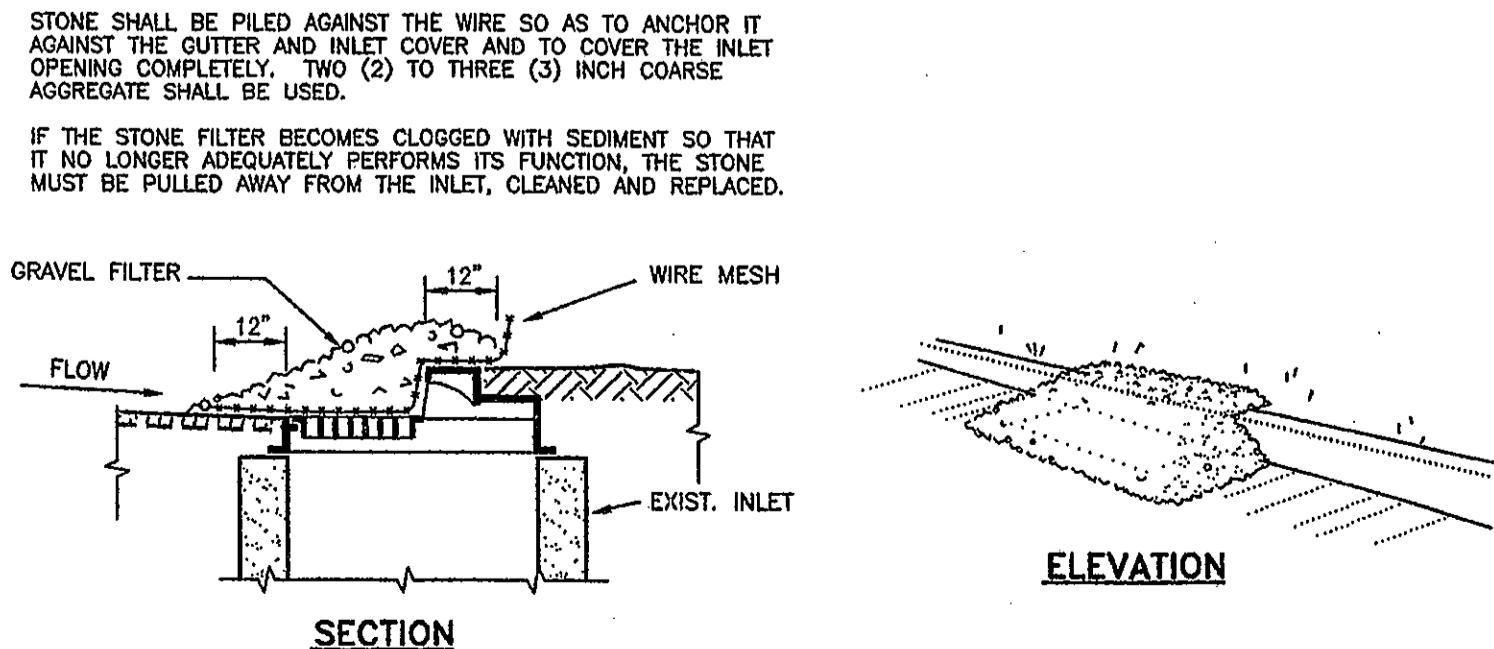
- NOTES:
- SET THE STAKES.
 - EXCAVATE A 6" X 6" TRENCH UPSLOPE ALONG THE LINE OF STAKES.
 - STAPLE FILTER MATERIAL TO STAKES AND EXTEND IT INTO THE TRENCH.
 - BACKFILL AND COMPACT THE EXCAVATED SOIL.



TYP EROSION CONTROL DEVICE - SILT FENCE BARRIER

not to scale

- NOTES:
- HARDWARE CLOTH OR COMPARABLE WIRE MESH WITH 1/2" OPENINGS SHALL BE PLACED OVER THE CURB INLET OPENING SO THAT AT LEAST 12" OF WIRE EXTENDS ACROSS THE INLET COVER AND AT LEAST 12" OF WIRE EXTENDS ACROSS THE GUTTER FROM THE INLET OPENING, AS ILLUSTRATED.
 - STONE SHALL BE PILED AGAINST THE WIRE SO AS TO ANCHOR IT AGAINST THE GUTTER AND INLET COVER AND TO COVER THE INLET OPENING COMPLETELY. TWO (2) TO THREE (3) INCH COARSE AGGREGATE SHALL BE USED.
 - IF THE STONE FILTER BECOMES CLOGGED WITH SEDIMENT SO THAT IT NO LONGER ADEQUATELY PERFORMS ITS FUNCTION, THE STONE MUST BE PULLED AWAY FROM THE INLET, CLEANED AND REPLACED.



TYP EROSION CONTROL DEVICE - INLET PROTECTION

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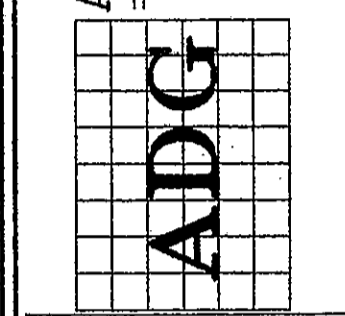
CARRERA consulting engineers, inc.
Structural, Civil, & Construction Engineering

3930 Meredith Avenue Dallas, Texas 75211
Tel: (214) 330-4771 Fax: (214) 330-2167



EXPIRATION DATE:
AFFIXATION DATE:

Addison Design Group, LLC
Architecture - Interior Architecture
1750 North Collins Blvd., Suite 214
Richardson, Texas 75081
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AIRCORP
15900 DOOLEY ROAD
ADDISON, TEXAS

Job No. **00018**
Plan No.
Date **31 JAN 2005**

Drawn By **Ccei**

Revisions
▲ 19 MAY 2005
▲ 02 JUN 2005

Sheet Title
SITWORK AND PAVING DETAILS

Sheet No.

C602

of 16

Carrera Consulting Engineers, Inc.

civil - structural - construction engineering

3930 Meredith Avenue; Dallas, Texas 75211

(214) 330-4771 fax: (214) 330-2167 email: (c277372@aol.com)

Date: 27 December 2006

From: Luis D. Carrera, P.E.

To: **Murdock Management, Inc.**
1595 North Central Expressway, Suite 101
Richardson, Texas 75080

Attn: Mr. Jay Snyder

PROJECT: Aircorp - 15900 Dooley Road; Addison, Texas

LIST OF MATERIALS & APPURTENANCES IN PUBLIC INFRASTRUCTURE

Water Service (Each for Domestic and Irrigation Service)

- 1- 8"x2" Ford 202B Double Strap Service Saddle
- 1- 2" Ford SB1000 Corporation Stop
- 1- 2" Copper Type K Soft Drawn Pipe to Curb Stop without Joint
- 1- 2" Ford SV43-77W-G Curb Stop
- 1- 2" Water Meter with Bass & Hayes #55B Box with Touch-Pad Hole in Lid
- 1- 2" Double Check Detector Assembly with Bass & Hayes #55B Box with Touch-Pad Hole in Lid

Water Service (Fire Line)

- 1- 8"x6" Mueller H-304 Stainless Steel Tap Sleeve with Mueller 6" Tapping Sleeve
- 1- 6" Double Detector Check Device with By-Pass Meter & Precast Concrete Vault
- 1- 130 Lineal Feet of 6" PVC Pipe (200 PSI) Meeting ANSI/AWWA C-909-98

Water Service (Fire Hydrant Line)

- 1- 8"x6" Mueller H-304 Stainless Steel Tap Sleeve with Mueller 6" Tapping Sleeve
- 1- 200 Lineal Feet of 6" PVC Pipe (200 PSI) Meeting ANSI/AWWA C-909-98
- 1- Standard 90-Degree Bend (MJxFL)
- 1- Gate Valve (FLxFL)
- 1- Fire Hydrant (FL)

Storm Water Drain System

- 1- 27 Lineal Feet of 18-inch R.C.P. Storm Sewer Connected to Ex. 30-inch R.C.P. along Dooley Road
- 1- 16 Lineal Feet of 12-inch R.C.P. Storm Sewer Connected to Existing Curb Inlet along Dooley Road
- 1- 72 Lineal Feet of 12-inch R.C.P. Culvert in Taxiway Apron
- 2- 12-inch Type "B" Concrete Headwalls at Ends of 12-inch R.C.P. Culvert

Concrete Pavement

- 1- 1208 Square Feet of 8-inch Concrete Pavement at Drive Approaches
- 1- 288 Square Feet of 8-inch Concrete Pavement at Street Repairs
- 1- 1553 Square Feet of 4-inch Concrete Sidewalk along Dooley Road
- 1- 7796 Square Feet of 10-inch Concrete Pavement at Taxiway Apron
- 1- 3735 Square Feet of 8-inch Concrete Pavement within Utility Easement

Cost of Work in Public Infrastructure

Utility Work: \$ 28,154.00

Concrete Work: \$ 37,420.00

TOTAL COST: \$ 65,574.00