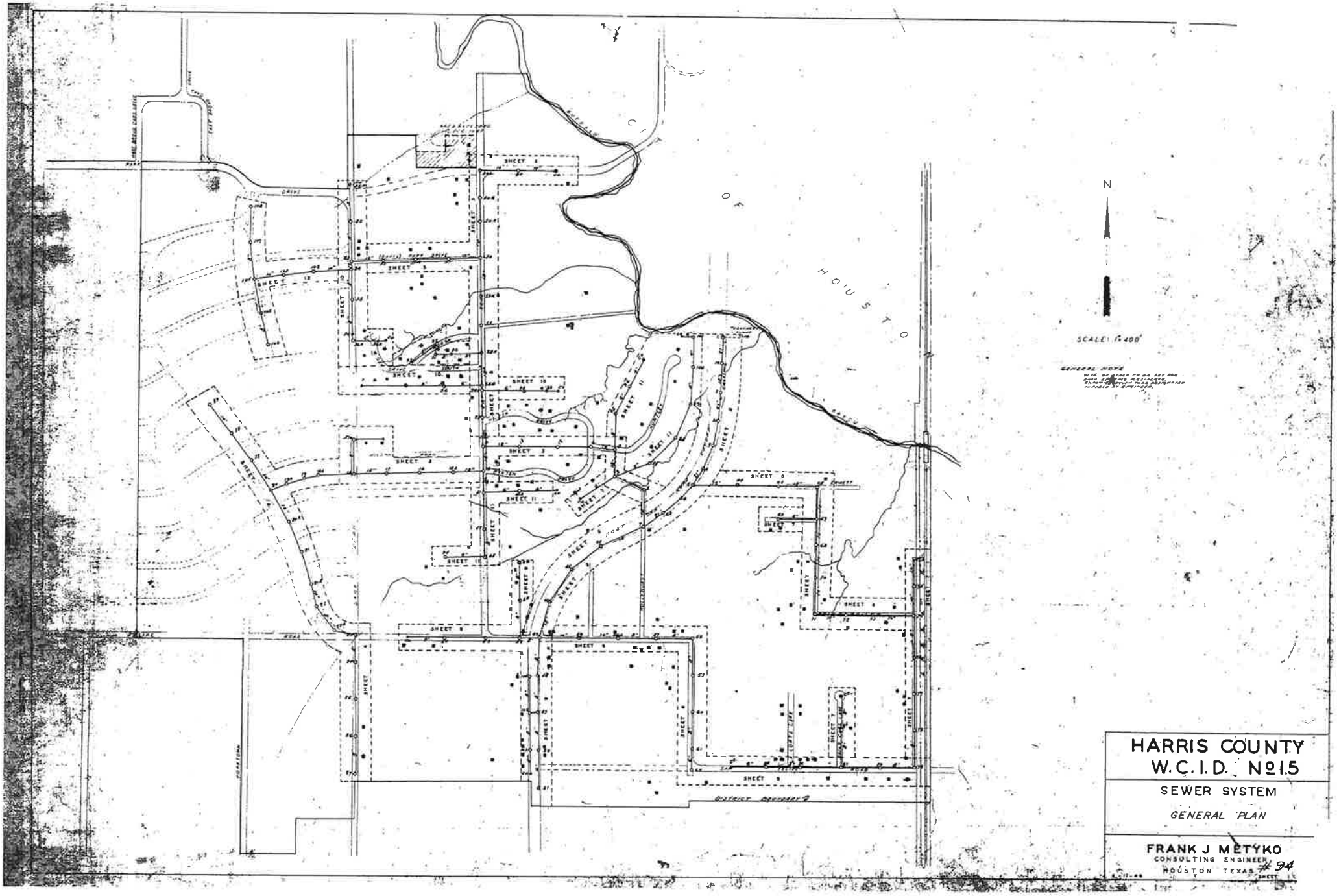
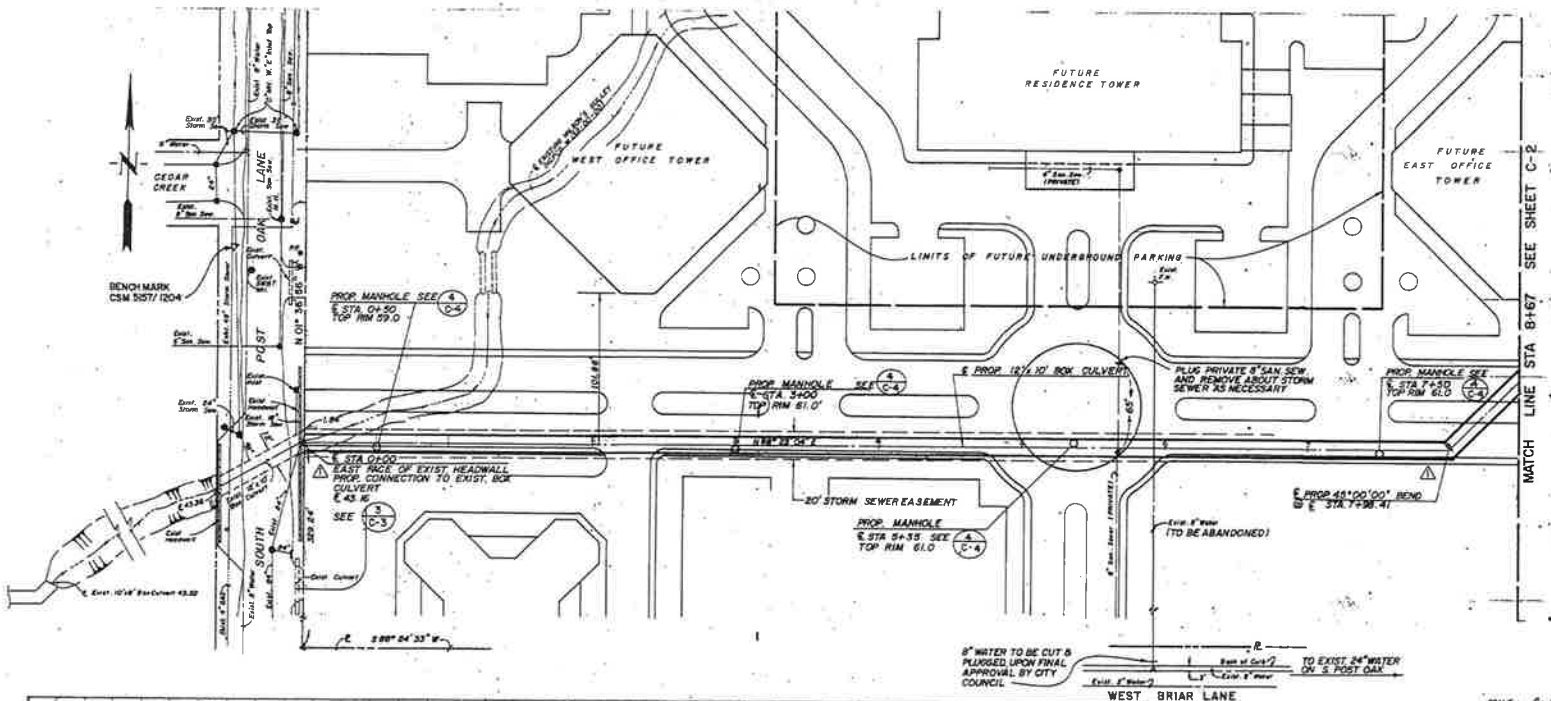
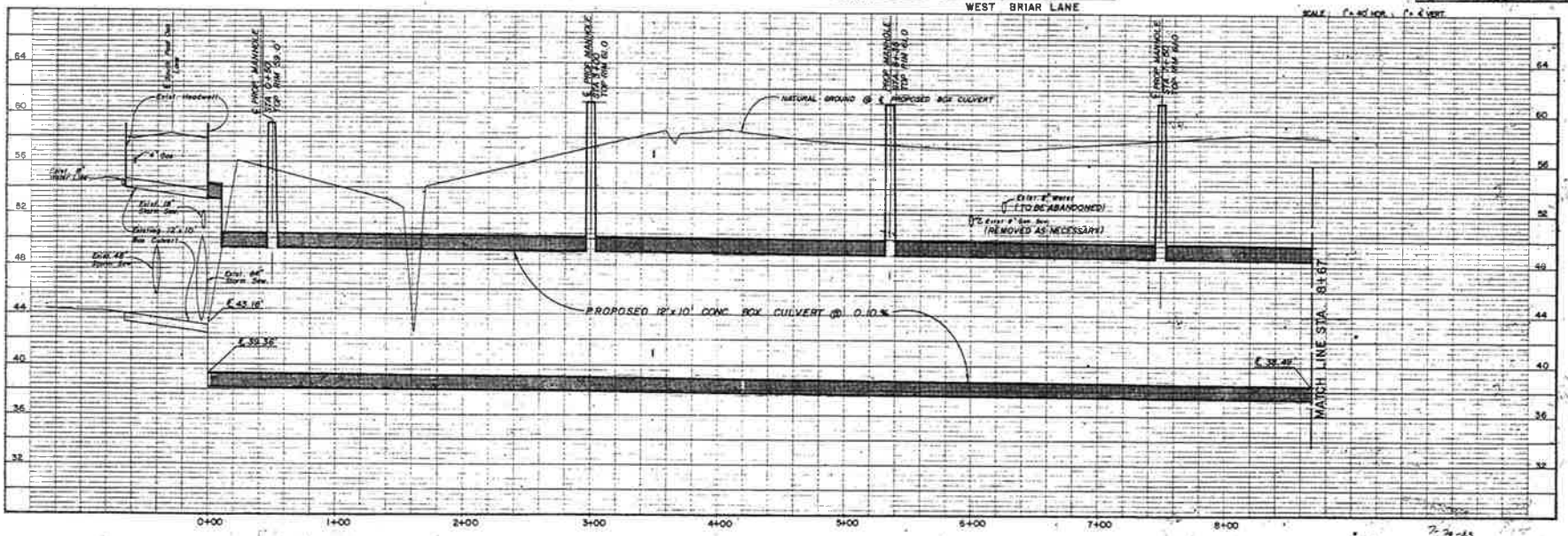
Public Utilities

Public Works GIS
HOLLYHURST LANE
WYNDEN OAKS DRIVE
BROWN PARK BOULEVARD
NO PLAN
8" ESP 0.12%
8" CONC 0.25%
120" CONC
16 PVC
12 PVC
24 PVC
21" PVC 0.13%
12" PVC 0.3%
30" RCP
18" RCP
8" CONC 0.6%
610
P


N
SCALE: 1" = 400'
GENERAL NOTE
C I T Y O F H O U S T O N
SHEET 1
SHEET 2
SHEET 3
SHEET 4
SHEET 5
SHEET 6
SHEET 7
SHEET 8
SHEET 9
SHEET 10
SHEET 11
SHEET 12
SHEET 13
SHEET 14
SHEET 15
SHEET 16
SHEET 17
SHEET 18
SHEET 19
SHEET 20
SHEET

BENCH MARK
CITY OF HOUSTON MONUMENT # 5057-1204
S.W. CORNER CEDAR CREEK AND POST OAK LANE.
ELEVATION = 56.92' USGS 1973, Adj.





CITY OF HOUSTON
DEPARTMENT OF PUBLIC WORKS

1-9-1981

Four Oaks Place

A Development of
Interfin Corporation

Planning and Layout
Lorenzo Borlenghi

Architects
Cesar Pelli and Associates
New Haven, Connecticut

Melton Henry/ Architects
Houston, Texas

Lockwood, Andrews & Newnam, Inc.

Revisions

No.	Date	Description
1	3-16-81	CHANGED ALIGNMENT & BOX CULVERT

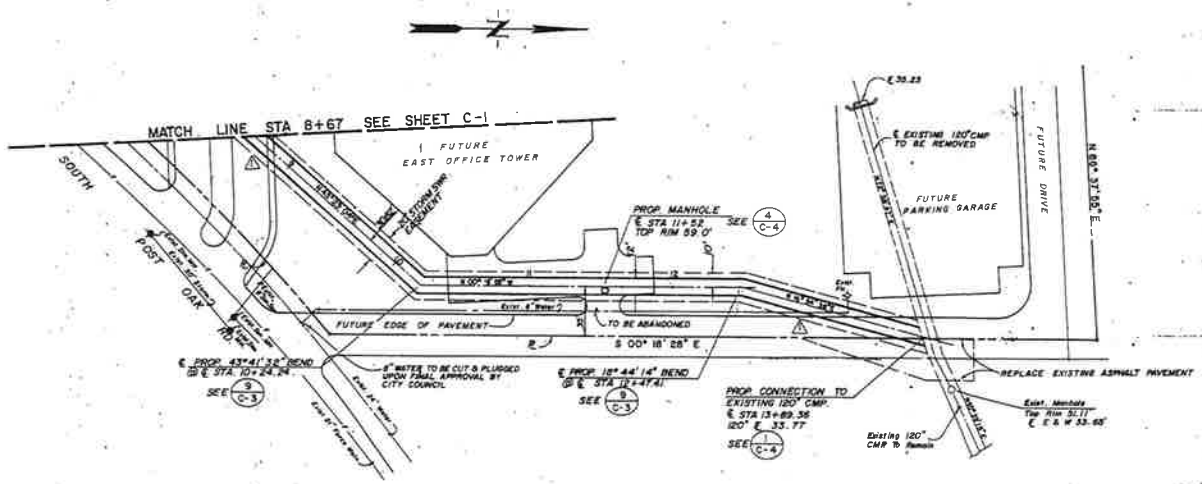
Date Purpose
Sheet Issue
Key Plan

Sheet Title
PLAN & PROFILE
BOX STORM SEWER
STA. 0+00 TO 8+67

Project No. 1402-1-003
Issue Date
Sheet Number
C-1

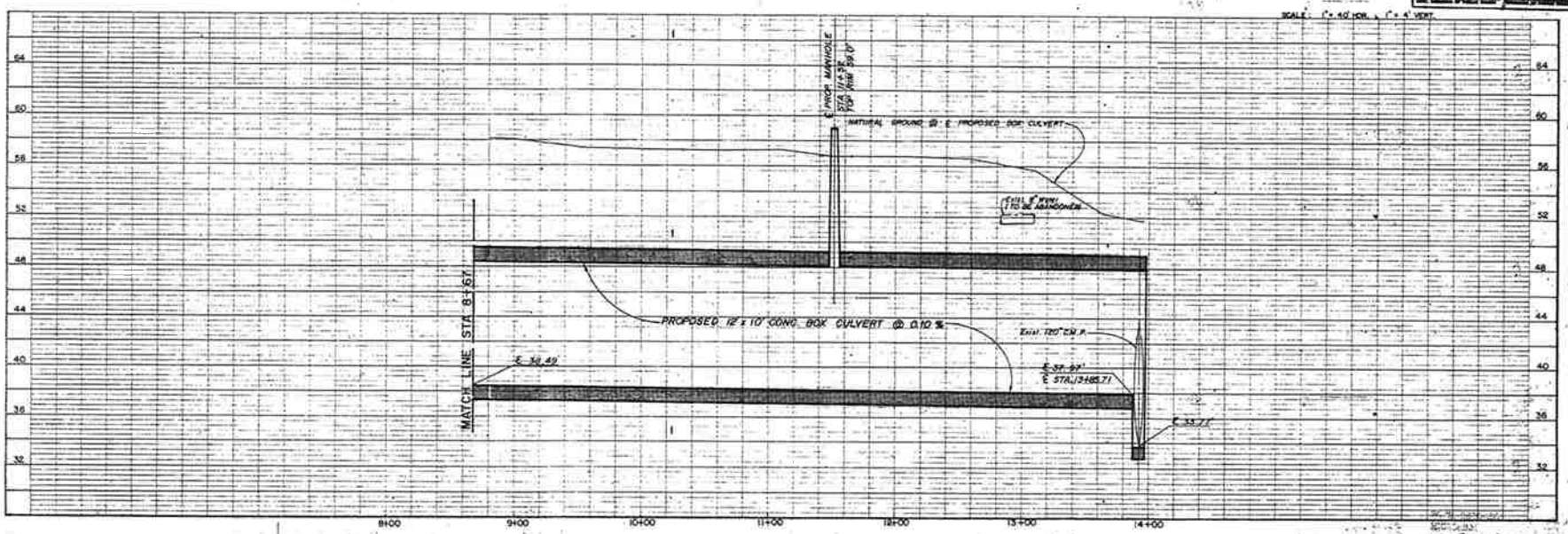
26220

BENCH MARK
CITY OF HOUSTON MONUMENT #5587-1204,
S.W. CORNER CEDAR CREEK AND POST OAK LANE.
ELEVATION =56.92' USGS 1973, ADJ.



Approved for Information Only
1-9-1981
S.S. MICHE CONSULTING
SEND FOR CONF. TO SMALL CONST

CITY OF HOUSTON
DEPARTMENT OF PUBLIC WORKS



Four Oaks Place

A Development of
Interfin Corporation

Planning and Layout
Lorenzo Borlenghi

Architects
Cesar Pelli and Associates
New Haven, Connecticut

Melton Henry/ Architects
Houston, Texas

Lockwood, Andrews & Newnam, Inc.

Revisions

No.	Date	Description
1	3-16-81	CHANGED ALIGNMENT OF BOX CULVERT

Date	Purpose
Sheet Issue	

Sheet Title
PLAN & PROFILE
BOX STORM SEWER
STA. 8+67 TO 13+89.36

Project No. 1402-1-003
Issue Date
Sheet Number
C-2

26220

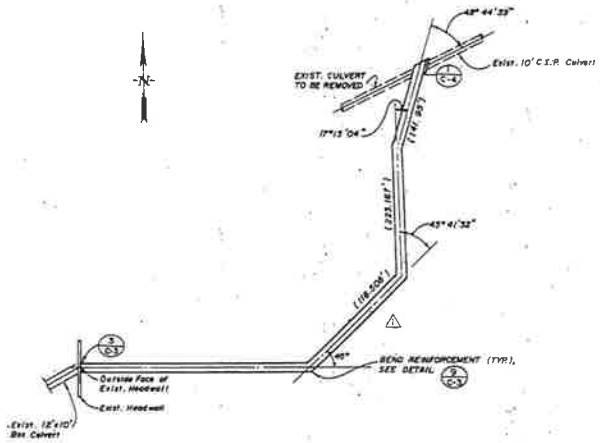
GENERAL NOTES

DESIGN LOAD

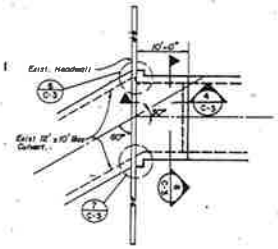
HS20 LOADING WITH A MAXIMUM COVER OF 10.0'

CONCRETE

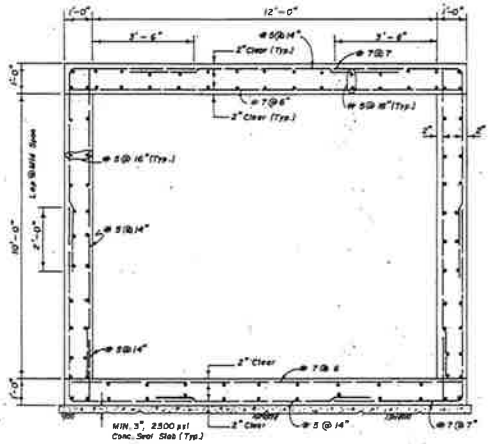
1) CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4000 psi at 28 DAYS.
2) REINFORCING STEEL SHALL BE DEFORMED BARS CONFORMING TO ASTM A615 GRADE 60.
3) REINFORCING SHALL HAVE A 2" CONCRETE COVER UNLESS NOTED OTHERWISE.
4) DETAILING OF REINFORCING STEEL SHALL BE IN ACCORDANCE WITH C.R.S.I. RECOMMENDED PRACTICE FOR PLACING OF REINFORCING STEEL LATEST EDITION.



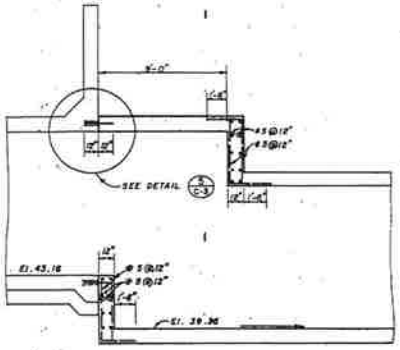
1 C-3 PROPOSED 12'x 10' BOX CULVERT ALIGNMENT PLAN
SCALE: 1" = 100'



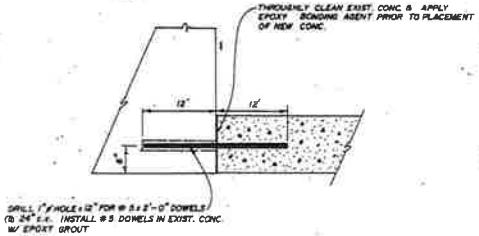
3 C-3 PLAN
SCALE: 1" = 10'



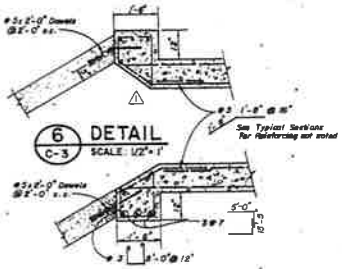
2 C-3 TYPICAL SECTION
SCALE: 1/2" = 1'



4 C-3 SECTION
SCALE: 1/4" = 1'

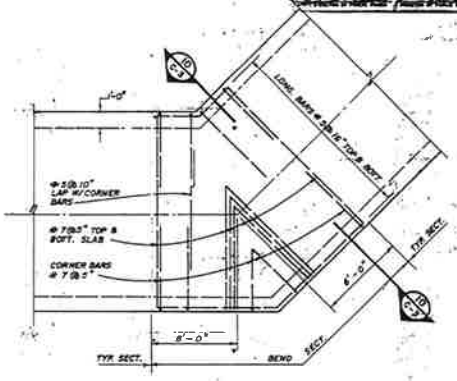


5 C-3 DETAIL
NOT TO SCALE

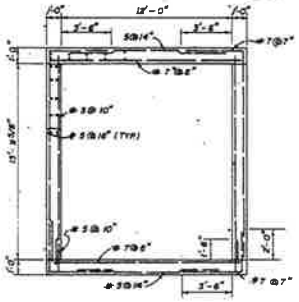


6 C-3 DETAIL
SCALE: 1/2" = 1'

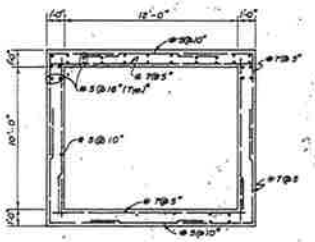
7 C-3 DETAIL
SCALE: 1/2" = 1'



9 C-3 TYPICAL BEND REINFORCEMENT DETAIL
SCALE: 1/4" = 1'-0"



8 C-3 SECTION
SCALE: 1/4" = 1'



10 C-3 SECTION
SCALE: 1/4" = 1'

CITY OF HOUSTON
DEPARTMENT OF PUBLIC WORKS
APPROVALS
OTHER DEPTS.

Four Oaks Place

A Development of Interfin Corporation

Planning and Layout
Lorenzo Borlenghi

Architects
Cesar Pelli and Associates
New Haven, Connecticut

Melton Henry/ Architects
Houston, Texas

Lockwood, Andrews & Newnam, Inc.

Revisions

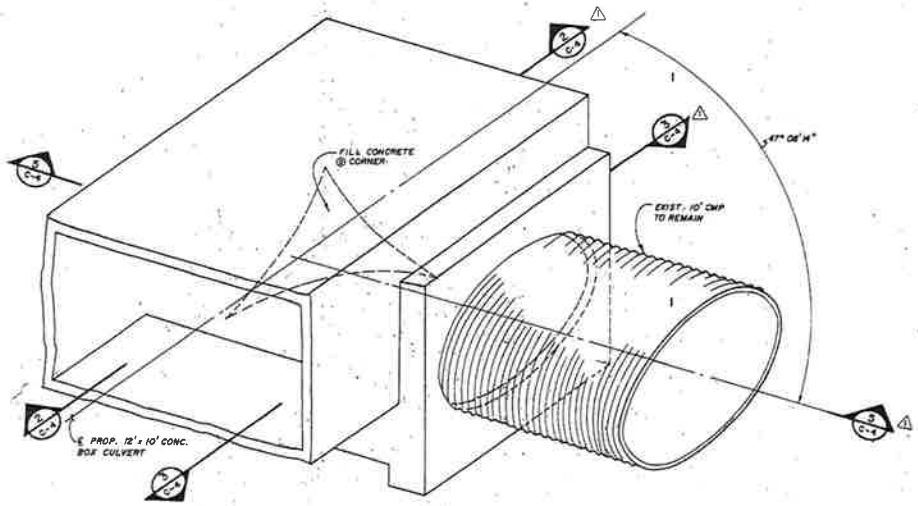
No.	Date	Description
1	5-18-81	REVISED DETAIL

Date Purpose
Sheet Issue
Key Plan

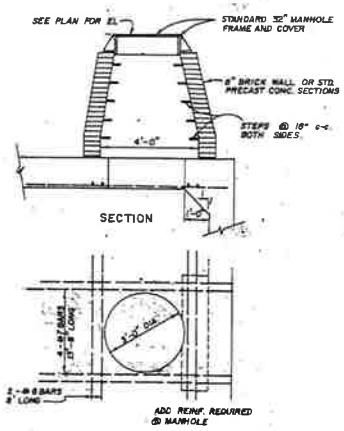
Sheet Title
DETAILS I
BOX STORM SEWER

Project No. 1402-1-003
Issue Date
Sheet Number
C-3

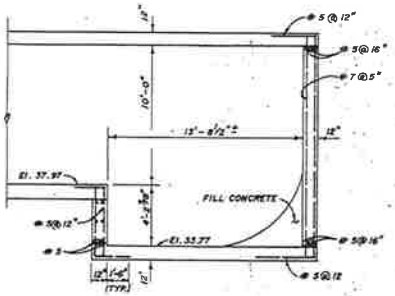
26220



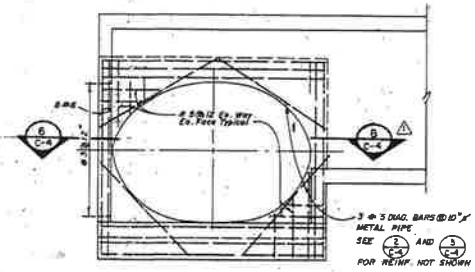
1 C-4 BOX CULVERT CONNECTION DETAIL
SCALE: 1/4" = 1'



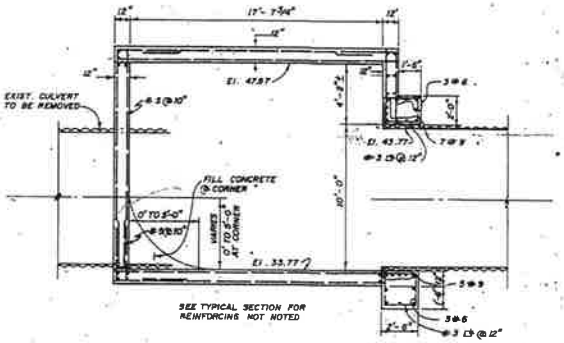
4 C-4 STORM SEWER MANHOLE
NOT TO SCALE



2 C-4 SECTION
SCALE: 1/4" = 1'

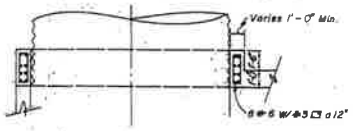


3 C-4 SECTION
SCALE: 1/4" = 1'



5 C-4 SECTION
SCALE: 1/4" = 1'

NOTE:
FAN TOP AND BOTTOM SLAB REINFORCED AS REQUIRED FOR TRANSITION TO NORMAL TYPICAL SECTION. MAINTAIN 6" SPACING OF TOP SLAB BOTTOM REINFORCED AND BOTTOM SLAB TOP REINFORCED AT MID SPAN. MAINTAIN 3" SPACING OF CORNER BARS TOP AND BOTTOM AT THE CORNERS.



6 C-4 SECTION

CITY OF HOUSTON
DEPARTMENT OF PUBLIC WORKS
APPROVALS
OTHER DEPTS.

Four Oaks Place

A Development of
Interfin Corporation

Planning and Layout
Lorenzo Borlenghi

Architects
Cesar Pelli and Associates
New Haven, Connecticut

Melton Henry/ Architects
Houston, Texas

Lockwood, Andrews & Newnam, Inc.

Revisions
No. Date Description
1 2-16-81 CHANGED DETAIL NUMBERS

Date Purpose
Sheet Issue
Key Plan

Sheet Title
DETAILS II
BOX STORM SEWER

Project No. Issue Date
11402-1-003
Sheet Number
C-4

26220

CITY OF HOUSTON

CAPITAL PROJECTS DEPARTMENT

INFILTRATION / INFLOW AND OVERFLOW ABATEMENT PROJECT
NORTH MACGREGOR PUMP STATION NO. 1 SERVICE AREA

WASTEWATER PROJECT NO. R-1001-RC-3

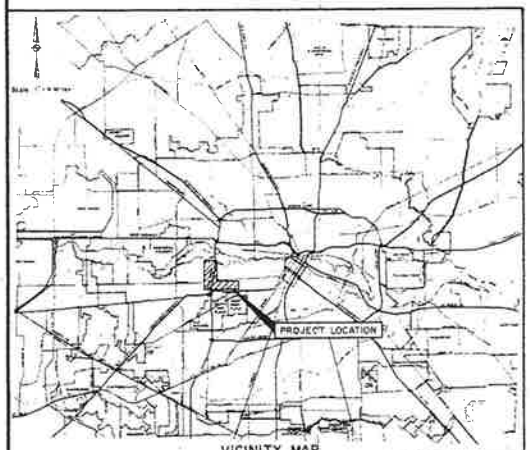
CIP NO. R-1001

GALLERIA AREA DIVERSION

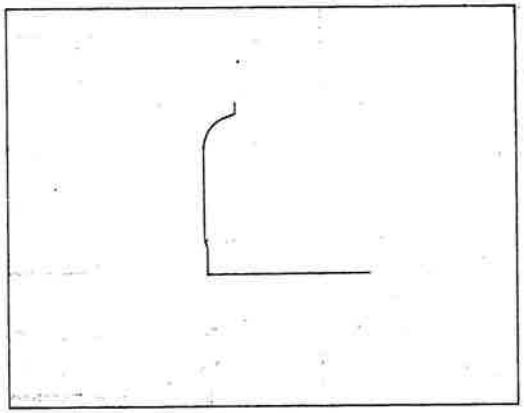
FILE NO. 4148-5

INDEX TO DRAWING

SHEET NO.	DESCRIPTION
1	COVER SHEET
2-3	PROJECT LAYOUT AND SURVEYING PLAN
4	GENERAL CONSTRUCTION NOTES
5-6	REINSTATEMENT & BACKFILLING TYPES
7	CITY OF HOUSTON MONUMENTATION BENCHMARK DATA
8	PLAN & PROFILE: HOLLYHURST
9-10	PLAN & PROFILE: SOUTH POST OAK ROAD
11-12	PLAN & PROFILE: WEST ALABAMA AVE.
14	REINFORCED CONCRETE PIPE, FIBERGLASS REINFORCED PIPE, AND MANHOLE DETAILS
35	MONOLITHIC CONCRETE CURBS AND MARKER DETAILS
[illegible]	TRAFFIC CONTROL PLAN FOR SOUTH POST OAK ROAD AT HOLLYHURST
37	TRAFFIC CONTROL PLAN FOR SOUTH POST OAK ROAD AT SAN FELIPE
38	TRAFFIC CONTROL PLAN FOR SOUTH POST OAK ROAD BETWEEN W. ALABAMA AVE. & WESTHEIMER RD. (PHASE I)
39	TRAFFIC CONTROL PLAN FOR SOUTH POST OAK ROAD BETWEEN W. ALABAMA AVE. & WESTHEIMER RD. (PHASE II)
40	TRAFFIC CONTROL PLAN FOR W. ALABAMA AVE. AT US-610
41	TRAFFIC CONTROL PLAN FOR W. ALABAMA AVE. AT KETTERING DRIVE (PHASE I)
42	TRAFFIC CONTROL PLAN FOR W. ALABAMA AVE. AT KETTERING DRIVE (PHASE II)
43	TRAFFIC CONTROL PLAN FOR SOUTH POST OAK ROAD TYPICAL INTERSECTIONS



VICINITY MAP



PROJECT LOCATION

(KEY MAP NO. 492-Q,R,U,V 492-T,X)

(CHRONAN NO. (5)CE,5148,(5608)

Turner Collie & Braden Inc.
ENGINEERS • PLANNERS

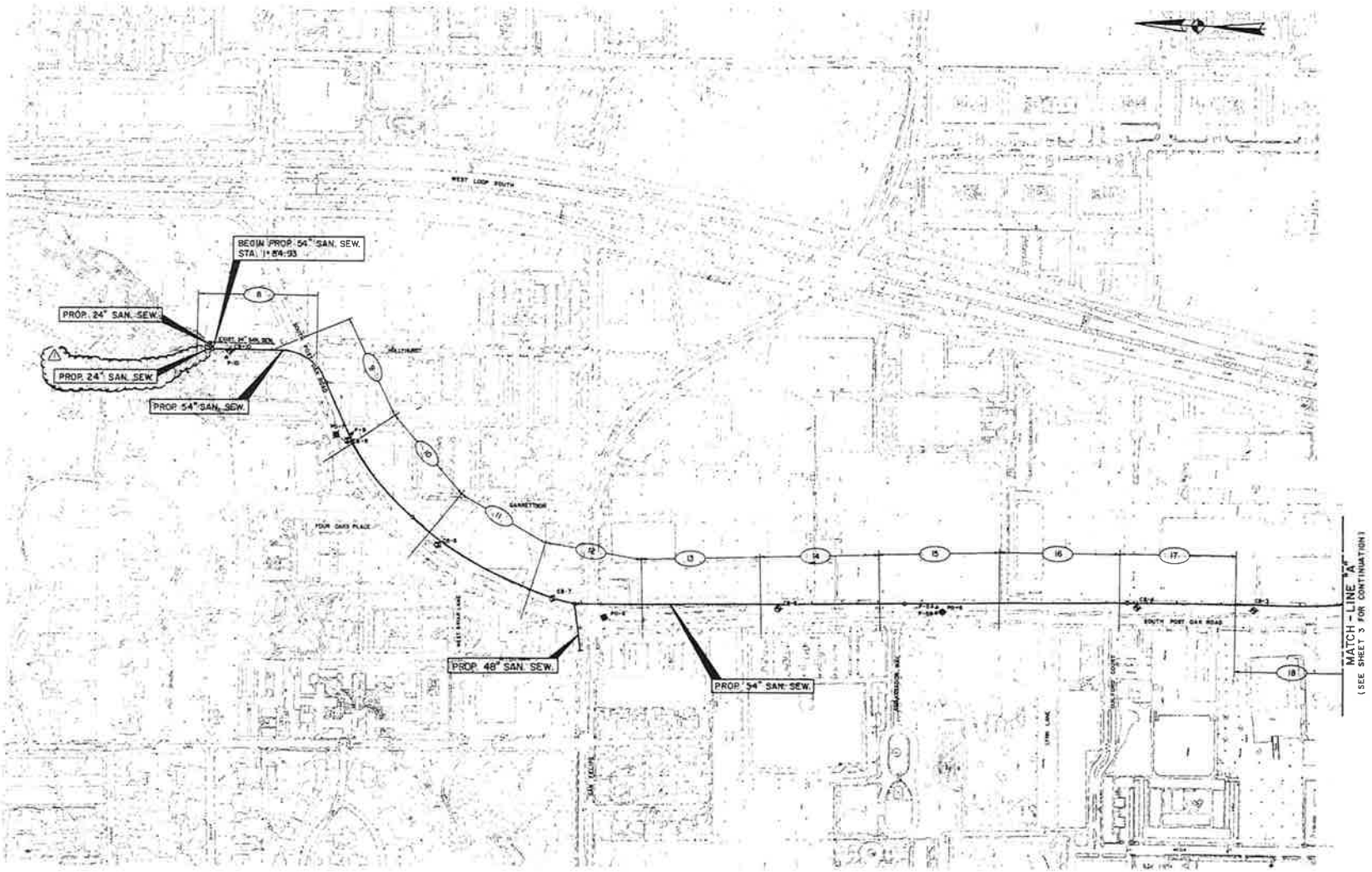
AS-BUILT DRAWING
PREPARED BY: LLP
NATIONAL PROJECTS INC.
DATE: 5/25/95

PRIVATE UTILITY LINE APPROVALS

CITY OF HOUSTON
APPROVED

DIRECTOR, CAPITAL PROJECTS DEPARTMENT — DATE

29608



LEGEND

- SHEET NO.
- PROP. SAN. SEW.
- EXIST. SAN. SEW.
- CB-10 APPROXIMATE BORING LOCATION
- CB-30 PREVIOUS BORING LOCATION
- P-11 APPROXIMATE PIEZOMETER LOCATION
- PREVIOUS BORING

NOTES:

1. FOR BORING INFORMATION, SEE PART III OF III OF THE TECHNICAL SPECIFICATIONS.

RECORD DRAWING
PREPARED BY SHS
DATE 3/4/98

NO.	DATE	REVISION
1		
2		
3	AUG. 92	STUBOUT REVISION

Turner Collie & Braden Inc.
ENGINEERS • PLANNERS

Drawn: Checked: Date: 3/14/91 Job No. 12-03010-113

GALLERIA AREA DIVERSION

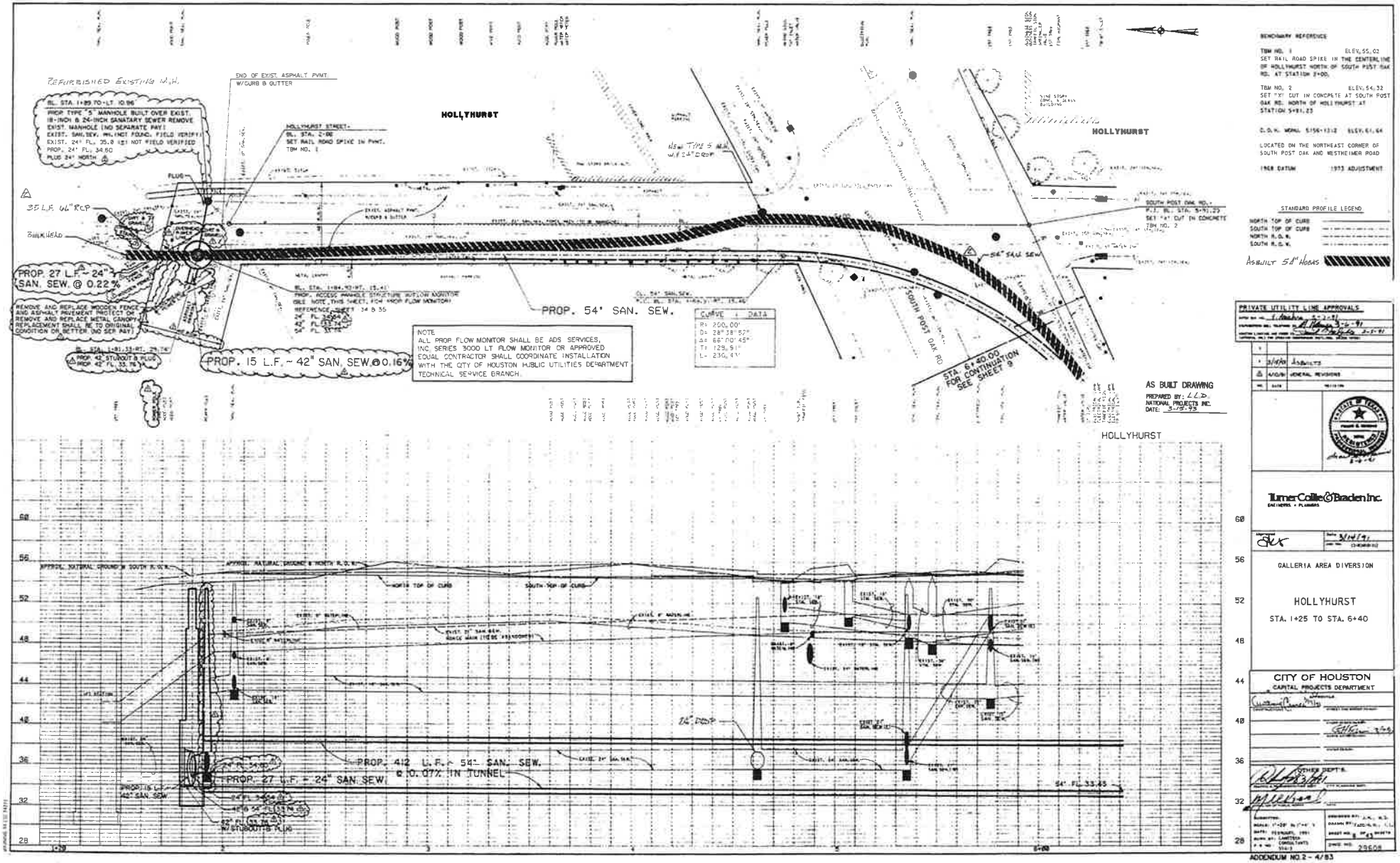
PROJECT LAYOUT
AND
CORE BORING PLAN
(SHEET 1 OF 2)

CITY OF HOUSTON
CAPITAL PROJECTS DEPARTMENT

OTHER DEPT'S.

SUBMITTED:
SCALE: 1"=200'
DATE: FEBRUARY, 1991
PREP. BY: LANDTECH CONSULTANTS
D. G. NO.: Sub 12

DESIGNED BY: W.E.
DRAWN BY: L.L.
SHEET No. 2 of 43 SHEETS
DWG. NO. 29608



NOTE
ALL PROP FLOW MONITOR SHALL BE ADS SERVICES, INC. SERIES 3000 LT FLOW MONITOR OR APPROVED EQUAL CONTRACTOR SHALL COORDINATE INSTALLATION WITH THE CITY OF HOUSTON PUBLIC UTILITIES DEPARTMENT TECHNICAL SERVICE BRANCH.

CURVE DATA
R= 200.00'
D= 28°38'52"
Δ= 66°00'45"
T= 129.51'
L= 230.41'

BENCHMARK REFERENCE

TBM NO. 1 ELEV. 55.02
SET RAIL ROAD SPIKE IN THE CENTERLINE OF HOLLYHURST NORTH OF SOUTH POST OAK RD. AT STATION 2+00.

TBM NO. 2 ELEV. 54.32
SET "X" CUT IN CONCRETE AT SOUTH POST OAK RD. NORTH OF HOLLYHURST AT STATION 5+91.23

C.O.H. MONU. 5156-1312 ELEV. 61.64

LOCATED ON THE NORTHEAST CORNER OF SOUTH POST OAK AND WESTHEIMER ROAD

1968 DATUM 1973 ADJUSTMENT

STANDARD PROFILE LEGEND

NORTH TOP OF CURB
SOUTH TOP OF CURB
NORTH R.O.W.
SOUTH R.O.W.
ASBUILT 54" HOBAS

AS BUILT DRAWING
PREPARED BY: L.L.D.
NATIONAL PROJECTS INC.
DATE: 3-15-93

PRIVATE UTILITY LINE APPROVALS

1		
2	3/4/93	ASBUILTS
3	4/10/91	GENERAL REVISIONS
NO.	DATE	REVISION

Turner Collie & Braden Inc.
ENGINEERS • PLANNERS

GALLERIA AREA DIVERSION

HOLLYHURST

STA. 1+25 TO STA. 6+40

CITY OF HOUSTON
CAPITAL PROJECTS DEPARTMENT

OTHER DEPT'S.

29608

ADDENDUM NO. 2 - 4/83

INTERFIN UPTOWN LIMITED PARTNERSHIP

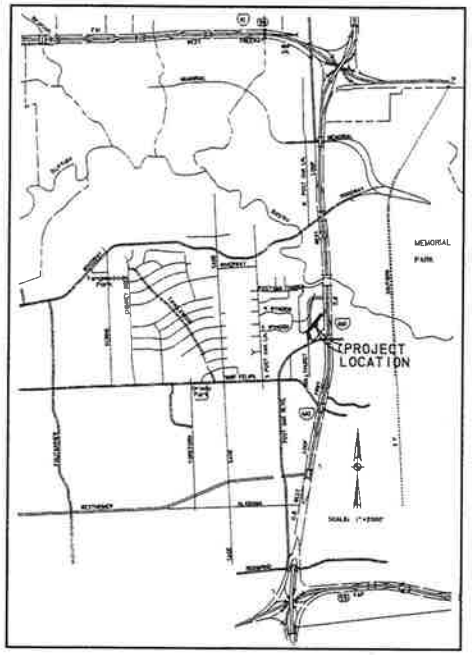
PLANS FOR CONSTRUCTION OF

W 132-00-00

DUAL 10 FOOT X 11 FOOT BOX CULVERT

FOR

UPTOWN PARK BOULEVARD



MAP REF: KEY MAP 491-R/L-5157(42)-D-2

JOB NUMBER: 22-00370-200 CONTRACT NUMBER 1

INDEX OF DRAWINGS

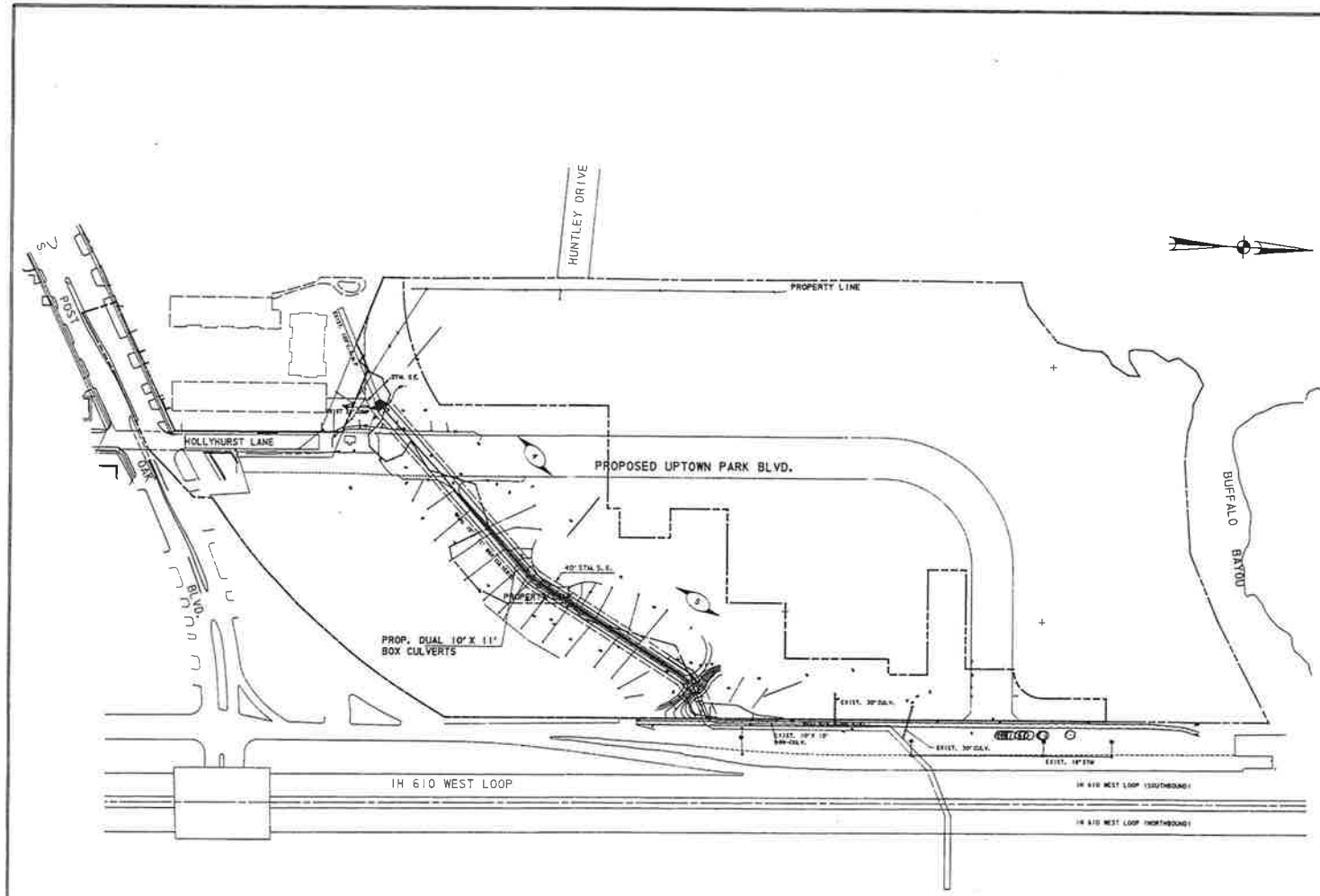
SHEET NUMBER	SHEET TITLE
1 OF 11	COVER SHEET
2 OF 11	PROJECT LAYOUT AND DRAINAGE MAP
3 OF 11	GENERAL NOTES AND MISCELLANEOUS DETAILS
4 OF 11	PLAN - PROFILE STA. 0+00 TO STA. 4+40
5 OF 11	PLAN - PROFILE STA. 4+40 TO STA. 9+50
6 OF 11	CROSS SECTION STA. -0+10 TO STA. -1+10
7 OF 11	CROSS SECTION STA. 0+30 TO STA. 2+70
8 OF 11	CROSS SECTION STA. 3+44 TO STA. 5+30
9 OF 11	CROSS SECTION STA. 6+39 TO STA. 8+25
10 OF 11	TRANSITION STRUCTURE - EXISTING 120-INCH C.G.M. PIPE TO DUAL 10'X 11' REINF. CONCRETE BOX CULVERT
11 OF 11	TRANSITION STRUCTURE FOR - DUAL 10'X 11' REINF. CONCRETE BOX CULVERT TO EXISTING 10'X 10' (SDHPT) BOX CULVERT

TURNER COLLIE & BRADEN, INC.

TEXAS: Austin, Dallas, Fort Worth, Houston, COLORADO: Denver

JUNE 1992

3Q279 LOG NO. 92-038C



DRAINAGE AREA LAYOUT

SCALE IN FEET

BENCH MARKS

C.O.H. MON. B157-1505 ELEV. 66.34

COPPERWELD ROD WITH BRASS CAP SET IN CONCRETE LOCATED AT THE NORTHWEST CORNER OF SOUTH POST OAK ROAD AND IH-610 WEST LOOP APPROX. 6-FEET WEST OF THE SOUTH BOUND LANES AND 60-FEET NORTH OF CONCRETE BRIDGE COORD. X=3,124,843.57 Y=715,574.707

C.O.H. MON. B157-1506 ELEV. 96.52

COPPERWELD ROD WITH BRASS CAP SET IN CONCRETE LOCATED SOUTH OF BUFFALO BAYOU ALONG IH-610 WEST LOOP EAST OF THE NORTH BOUND LANES AND WEST OF THE NORTH BOUND FEEDER ROAD.
X=3,124,958.583 Y=716,669.74

1926 DATUM 1973 ADJUSTMENT

100YR FLOOD ELEVATION 42.00
IH-610 WEST LOOP AND BUFFALO BAYOU

LEGEND

- PROPOSED DUAL BOX CULVERT W/ W.W.
- EXISTING STORM SEWER W/ M.H.
- PROPOSED DRAINAGE AREA DIVIDE
- PROPOSED CONTOURS W/ SLOPE INDICATOR
- EXISTING CONTOURS
- EXISTING ROADWAYS
- STORM SEWER
- SHEET REFERENCE NUMBER
- PROPERTY LINE

CITY OF HOUSTON
CAPITAL PROJECTS DEPARTMENT
APPROVALS

WATER DESIGN
SEWER DESIGN
WATER QUALITY
STORM SEWER DESIGN
CONSTRUCTION
MAINTENANCE DESIGN
TRAFFIC & TRANSPORTATION
PLANNING & DEVELOPMENT DEPT.
ASST. DIRECTOR OF CAPITAL PROJECTS
DIRECTOR OF CAPITAL PROJECTS

NO.	DATE	REVISION	APPROV.
6			
5			
4			
3			

INTERFIN UPTOWN LIMITED PARTNERSHIP

UPTOWN PARK BOULEVARD

132-00-00

PROJECT LAYOUT AND DRAINAGE MAP

Turner Collie & Braden Inc.
ENGINEERS • PLANNERS

Unit	LANE DEV. DIES	Scales	Horz. 1" = 100' Vert. 1" = 100'
Designed		Checked	
Drawn		Approved	
Date	JUNE 1992		
Job No.	8200370001 Continuing		
Sheet	8 of 15		

30279

GENERAL CONSTRUCTION NOTES

1. THERE WILL BE NO SEPARATE PAYMENT FOR WORK SHOWN ON THESE PLANS, UNLESS SPECIFICALLY ESTABLISHED IN THE BID SECTION OF THE CONTRACT DOCUMENTS. INCLUDE COST OF THIS WORK IN THE CONTRACT UNIT PRICE BID FOR ITEMS OF WHICH THIS WORK IS A COMPONENT OR INCIDENTAL.

2. ALIGNMENT, CENTERLINE CURVE DATA, AND STATIONING TO BE VERIFIED FROM APPROVED SUBDIVISION PLAT OR APPROVED PLOT FOR OFFSITE EASEMENT.

3. CONTRACTOR TO VERIFY LOCATION AND ELEVATION OF EXISTING FACILITIES PRIOR TO CONSTRUCTION OF PROPOSED FACILITIES. ANY DAMAGE TO EXISTING FACILITIES INCURRED AS A RESULT OF CONSTRUCTION OPERATIONS WILL REPAIRED BY THE CONTRACTOR AT HIS OWN EXPENSE.

4. CONTRACTOR TO BE AWARE THAT ABANDONED UTILITIES LINES MAY EXIST WITHIN THE PROJECT AREA AND ARE NOT SHOWN ON PLANS. IT SHALL BE THE CONTRACTOR RESPONSIBILITY TO LOCATE CONFLICTS WITH PROPOSED CONSTRUCTION AND REMOVED UTILITY LINES IN CONFLICT. PLUG EXISTING LINES LEFT IN PLACE BY CONTRACTOR.

5. CONTRACTOR SHALL VERIFY LOCATION OF UNDERGROUND UTILITY LINES AND SHALL NOTIFY THE FOLLOWING AGENCIES 48-HOURS PRIOR TO EXCAVATING NEAR FACILITIES.
   A.) TEXAS ONE CALL AT 1-800-245-4545 AND LONE STAR NOTIFICATION CENTER AT 223-4567
   B.) HOUSTON LIGHTING AND POWER CO. 713-659-6457
   C.) ENTEX GAS CO., MR. ROBERT HANEY, AT 713-654-5166
   D.) C OF H PUBLIC WORKS @ 713-247-2037

6. CONTRACTOR SHALL GIVE NOTICE TO ALL AUTHORIZED INSPECTORS, SUPERINTENDENTS, OR PERSON IN CHARGE OF PRIVATE AND PUBLIC UTILITIES OR RAILROADS AFFECTED BY HIS OPERATIONS PRIOR TO COMMENCEMENT OF WORK. REQUIRED PERMITS THAT CAN ONLY BE ISSUED TO THE CONTRACTOR WILL BE OBTAINED AT HIS EXPENSE.

7. CONTRACTOR TO OBTAIN ALL PERMITS REQUIRED BY REGULATION OF HARRIS COUNTY, TEXAS FOR FLOOD PLAIN MANAGEMENT PRIOR TO STARTING CONSTRUCTION.

8. OVERHEAD POWER LINES EXIST ALONG THE PROJECT ROUTE. NO ATTEMPT TO MARK THESE LINES HAS BEEN MADE SINCE THEY ARE CLEARLY VISIBLE, BUT THE CONTRACTOR SHOULD LOCATE THEM PRIOR TO BEGINNING ANY CONSTRUCTION. ANY ACTIVITIES WHICH MAY CAUSE PEOPLE OR OBJECTS TO COME WITHIN SIX (6) FEET OF LIVE OVERHEAD LINES MUST BE CONDUCTED IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL LAWS, ORDINANCES, ETC.

9. CONTRACTOR SHALL COORDINATE WITH HOUSTON LIGHTING AND POWER CO. (HL&P) BEFORE WORKING WITHIN TEN (10) FEET OF OVERHEAD POWER LINES. CONTACT HL&P REPRESENTATIVES AT 713-228-7400 OR 713-923-3292 FOR POLES TO BE BRACED AND LINES TO BE DE-ENERGIZED AND/OR MOVED. CONTRACTOR SHALL BE RESPONSIBLE TO HL&P FOR ANY COSTS ASSOCIATED WITH BRACING OF POWER POLES OR DE-ENERGIZING AND/OR MOVING ANY CONFLICTING OVERHEAD POWER LINES.

10. CONTRACTOR SHALL REMOVE ALL DEBRIS, TRASH, RUBBISH AND STRUCTURES FROM PROJECT AREA AND DISPOSE OF OFFSITE. ALL CLEARING AND GRUBBING TO BE PERFORMED BY CONTRACTOR.

11. CONTRACTOR TO REMOVE ALL SOFT MATERIAL FROM FILL AREAS AND REPLACE WITH SUITABLE MATERIAL AND COMPACT AS SPECIFIED IN NOTE 15. ALL UNSUITABLE MATERIALS FROM ALL FILL AREAS AND DISPOSE OF OFFSITE.

12. PRIOR TO INSTALLATION OF CULVERT AND BACKFILL, CONTRACTOR TO OBTAIN EVALUATION OF EXPOSED BEARING SURFACE AND BACKFILL MATERIAL FROM McBRIDE-RATCLIFF AND ASSOCIATES INC.

13. CONTRACTOR SHALL EXCAVATE ALL SOFT SOILS FROM BELOW CULVERT AND STRUCTURE AND REPLACE WITH CEMENT-STABILIZED SAND IN MAXIMUM 8-INCH LOOSE LIFTS AND COMPACT TO AT LEAST 95-PERCENT STANDARD PROCTOR MAXIMUM DRY DENSITY WITHIN 5-PERCENTAGE POINTS OF THE OPTIMUM MOISTURE CONTENT.

14. FILL TO BE PLACED IN 8-INCH MAXIMUM LAYERS, MEASURED LOOSE, AND COMPACTED TO 95-PERCENT PROCTOR MAXIMUM DRY DENSITY AT A MOISTURE CONTENT WITHIN 5-PERCENTAGE POINTS OF THE MAXIMUM DRY DENSITY. FILL MATERIAL TO HAVE A PLASTICITY INDEX (PI) BETWEEN 7 AND 20. FILL TO FINISHED GRADE ELEVATION AS SHOWN ON PLANS.

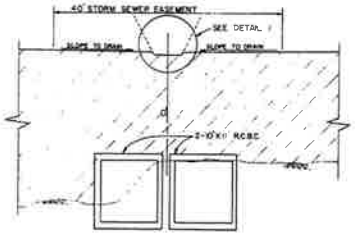
15. SEWER MATERIALS, CONSTRUCTION, AND TESTING TO BE IN ACCORDANCE WITH THE CITY OF HOUSTON PUBLIC WORKS DEPARTMENT SPECIFICATION FORM 6-14-62, LATEST PRINTING AND AMENDMENTS THERETO. CONTRACTOR TO PROVIDE TEST PLUGS AND RISERS.

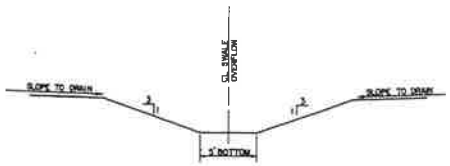
16. MANHOLES FOR CULVERTS SHALL BE STANDARD CITY OF HOUSTON MANHOLES FOR BOX SEWER.

17. ALL DISTURBED AREAS, EXCEPT CHANNEL BOTTOM TO BE SEEDED.

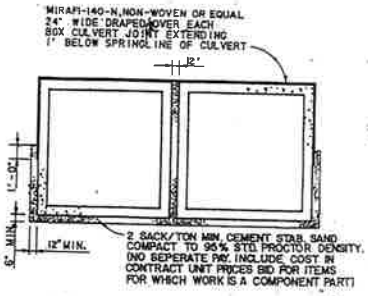
18. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING FLOW IN CHANNEL DURING CONSTRUCTION.

19. THESE PLANS PREPARED BY TURNER COLLIE & BRADEN, INC. DO NOT EXTEND TO OR INCLUDE DESIGNS OR SYSTEMS PERTAINING TO THE SAFETY OF THE CONSTRUCTION CONTRACTOR OR ITS EMPLOYEES, AGENTS, OR REPRESENTATIVES IN THE PERFORMANCE OF THE WORK. THE SEAL OF TURNER COLLIE & BRADEN, INC REGISTERED PROFESSIONAL ENGINEER(S) HEREON DOES NOT EXTEND TO ANY SUCH SAFETY SYSTEMS THAT MAY NOW OR HEREAFTER BE INCORPORATED IN THESE PLANS. THE CONSTRUCTION CONTRACTOR SHALL PREPARE OR OBTAIN THE APPROPRIATE SAFETY SYSTEM(S), INCLUDING THE PLANS AND SPECIFICATIONS REQUIRED BY THE HOUSE BILLS 662 AND 665 ENACTED BY THE TEXAS LEGISLATURE IN THE 70th LEGISLATURE REGULAR SESSIONS.





DETAIL 1



BOX CULVERT BEDDING DETAIL
N.T.S.

CITY OF HOUSTON
APPROVED
ASST. DIRECTOR OF CAPITAL PROJECTS — DIRECTOR OF CAPITAL PROJECTS

NO.	DATE	REVISION	APPROV.
4			
3			
2			
1			

INTERFIN UPTOWN LIMITED PARTNERSHIP

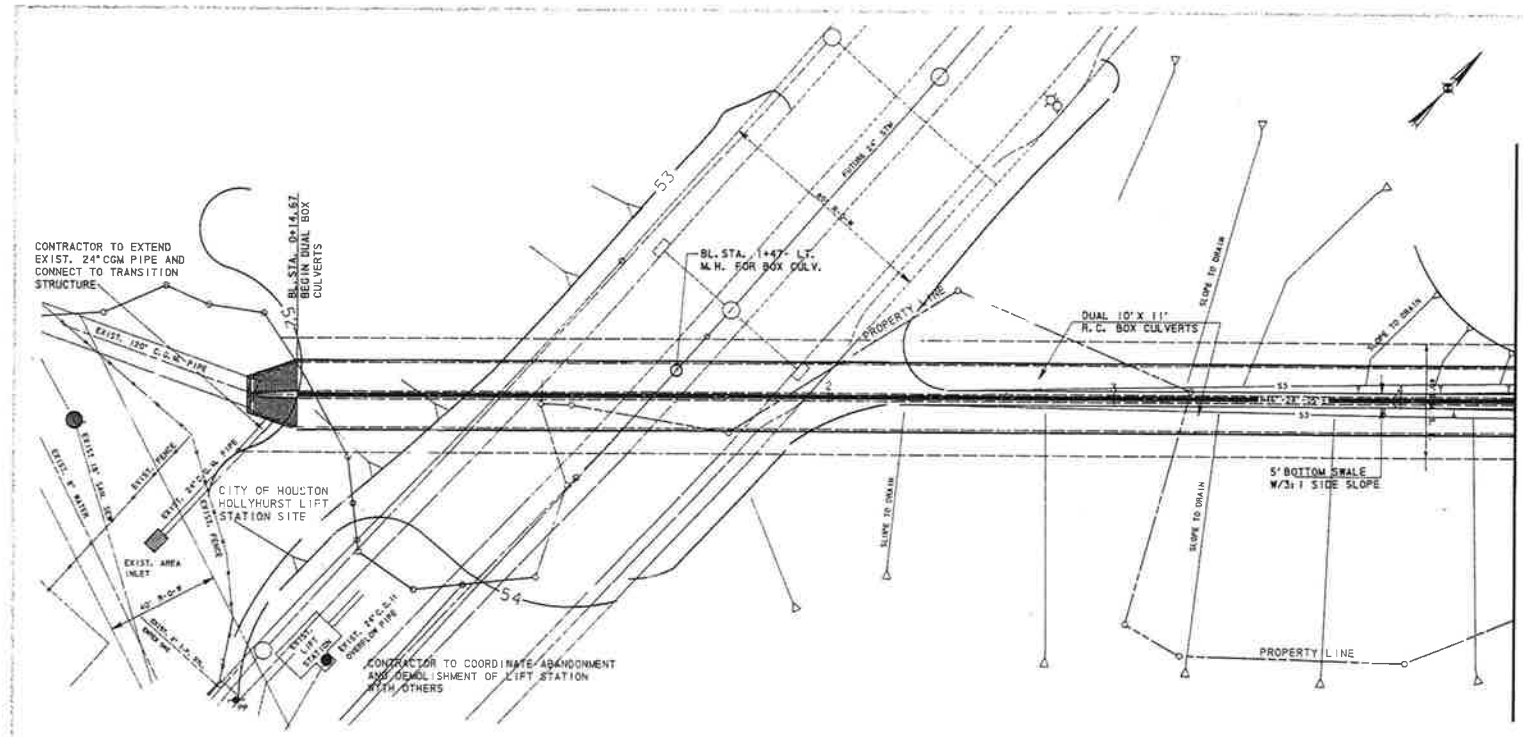
UPTOWN PARK BOULEVARD

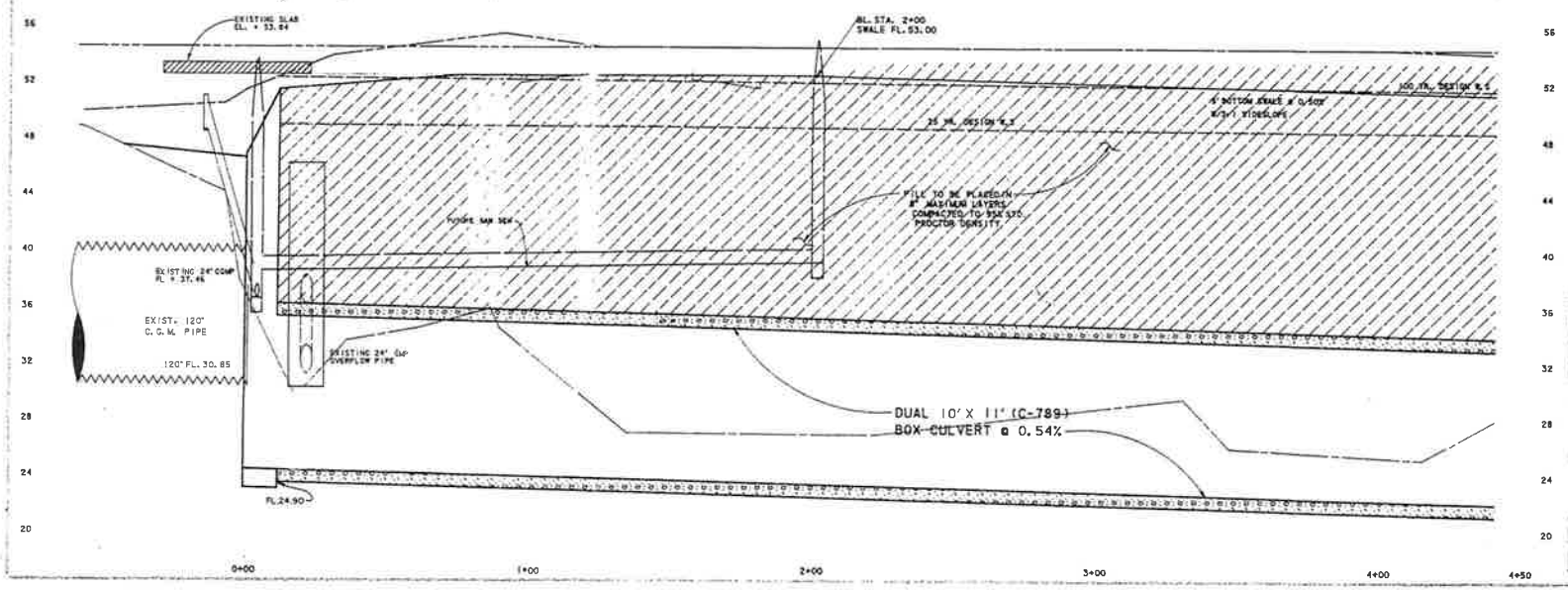
CONSTRUCTION NOTES AND MISCELLANEOUS DETAILS

Turner Collie & Braden Inc.
Consulting Engineers
AUSTIN DALLAS EL PASO HOUSTON PORT ARTHUR

USE LAND DEV. SVCS.	Scale: Horiz. Vert.	Date: JUNE 1992
Designed:	Checked:	Job No. 92-00010-000 Contract: 1
Drawn:	Approved:	Sheet 5 of 11

30279





BENCH MARKS

C.G.K. MON. S157-1505 ELEV. 66.36

COPPERWELD ROD WITH BRASS CAP SET IN CONCRETE LOCATED AT THE NORTHWEST CORNER OF SOUTH POST OAK ROAD AND IH-610 WEST LOOP APPROX. 6-FEET WEST OF THE SOUTH BOUND LANES AND 60-FEET NORTH OF CONCRETE BRIDGE COORD. X=3,124,843.57 Y=715,574.701

C.G.H MON. S157-1506 ELEV. 50.52

COPPERWELD ROD WITH BRASS CAP SET IN CONCRETE LOCATED SOUTH OF BUFFALO BAYOU ALONG IH-610 WEST LOOP EAST OF THE NORTH BOUND LANES AND WEST OF THE NORTH BOUND FEEDER ROAD.
X=3,124,988.588 Y=716,669.74

1926 DATUM 1973 ADJUSTMENT

100YR FLOOD ELEVATION 42.00
IH-610 WEST LOOP AND BUFFALO BAYOU

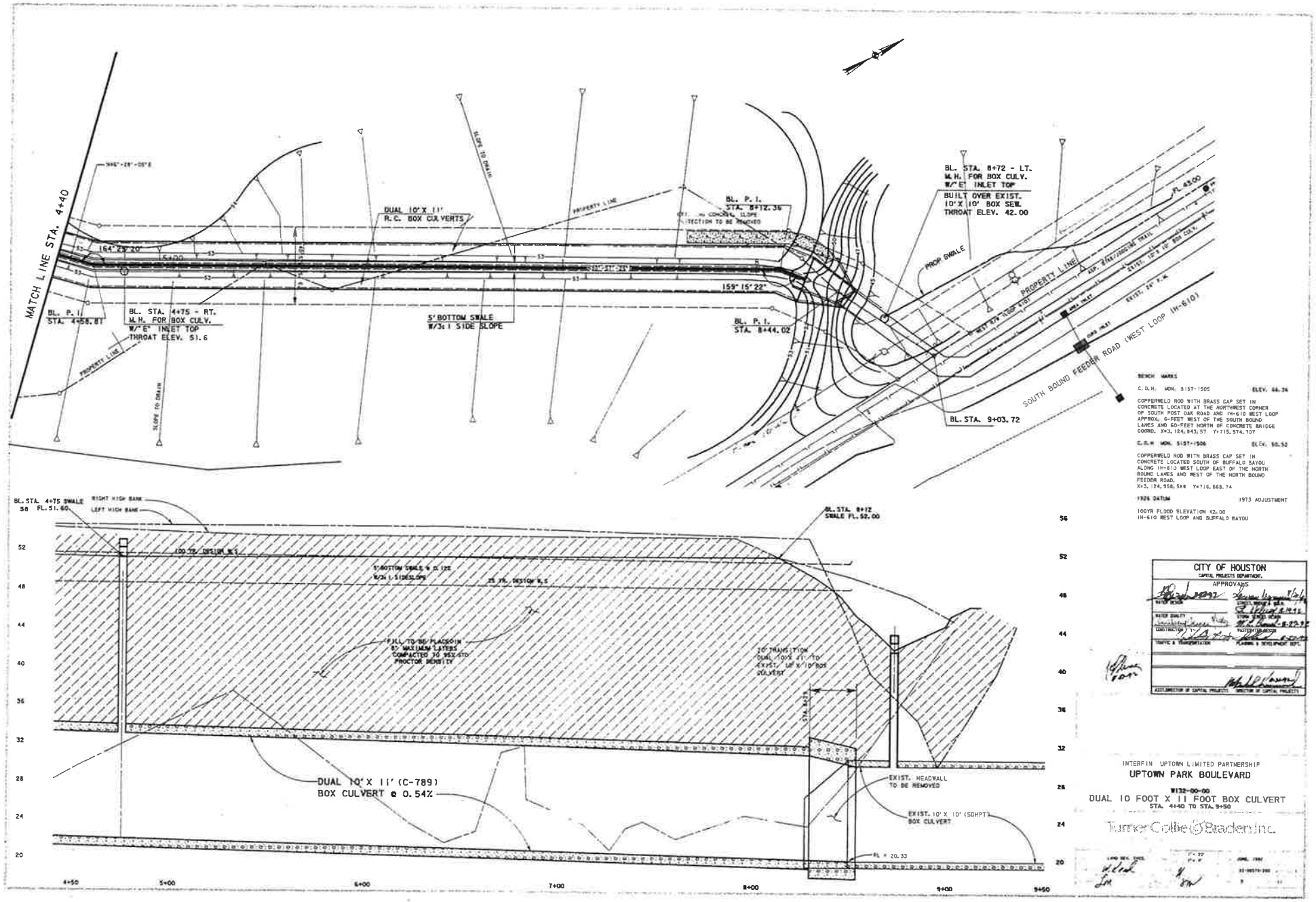
CITY OF HOUSTON
CAPITAL PROJECTS DEPARTMENT
APPROVALS
WATER DESIGN — STREET WORKS D.E.
WATER QUALITY — STORM SEWER DESIGN
CONSTRUCTION — REGISTERED DESIGN
TRAFFIC & TRANSPORTATION — PLANNING & DEVELOPMENT DEPT.
ASST. DIRECTOR W. CAPITAL PROJECTS — DIRECTOR OF CAPITAL PROJECTS

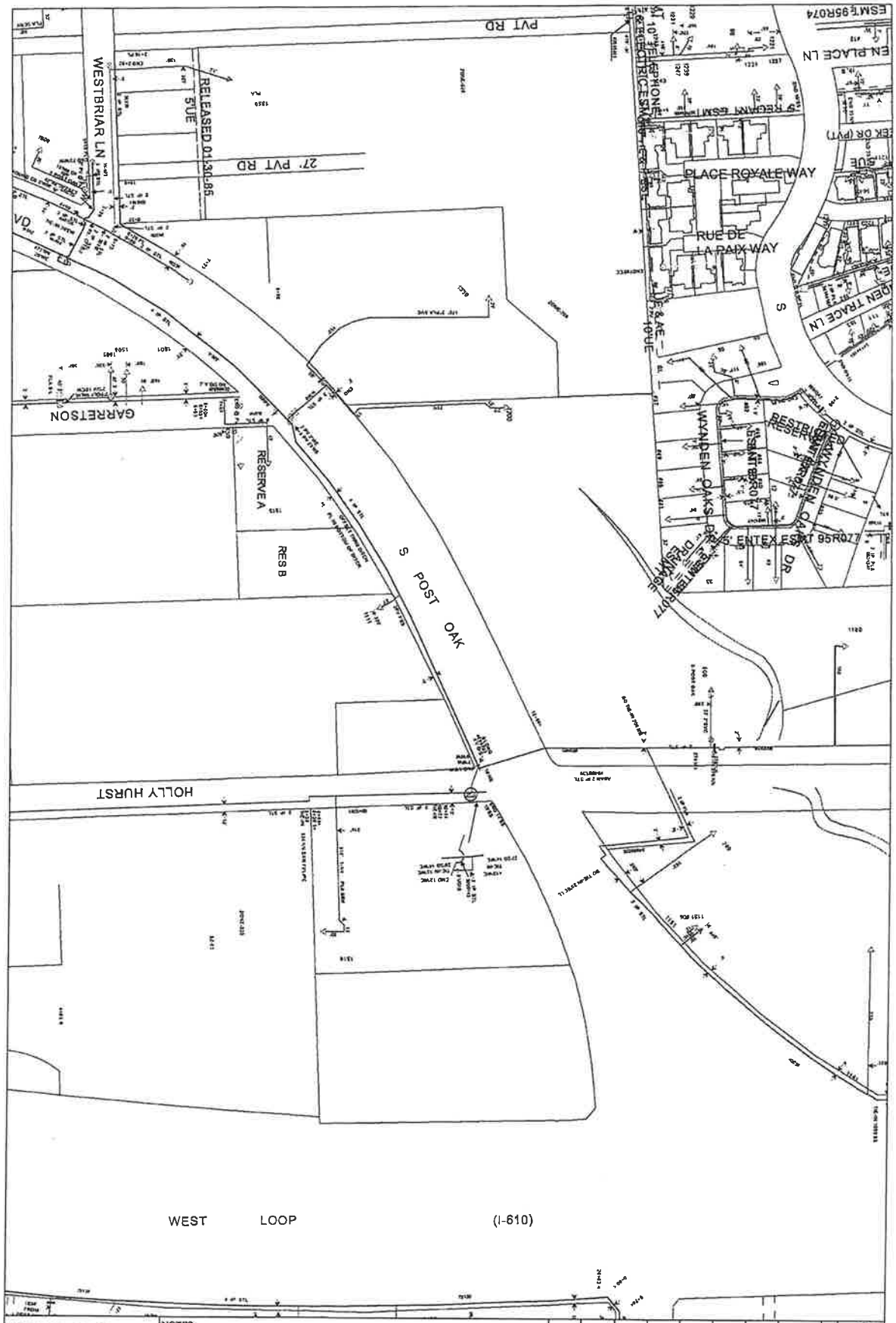
INTERFIN UPTOWN LIMITED PARTNERSHIP
UPTOWN PARK BOULEVARD
W132-00-00
DUAL 10 FOOT X 11 FOOT BOX CULVERT
STA. 0+00 TO STA. 4+40

Turner Collie & Braden Inc.

JUNE, 1990

30279


MATCH LINE STA. 4+40
DUAL 10' X 11' R.C. BOX CULVERTS
PROPERTY LINE
SLOPE TO DRAIN
BL. P. I. STA. 8+12.36
BL. STA. 8+72 - LT. M.H. FOR BOX CULV. W/"E" INLET TOP BUILT OVER EXIST. 10' X 10' BOX SEW. THROAT ELEV. 42.00
PROP SWALE
BL. P. I. STA. 4+58.81
BL. STA. 4+75 - RT. M.H. FOR BOX CULV. W/"E" INLET TOP THROAT ELEV. 51.6
5' BOTTOM SWALE W/3:1 SIDE SLOPE
BL. P. I. STA. 8+44.02
BL. STA. 9+03.72
SOUTH BOUND FEEDER ROAD (WEST LOOP IH-610)
BENCH MARKS
C.O.H. MON. 5157-1505 ELEV. 44.34
COPPERWELD ROD WITH BRASS CAP SET IN CONCRETE LOCATED AT THE NORTHWEST CORNER OF SOUTH POST OAK ROAD AND IH-610 WEST LOOP APPROX. 6-FEET WEST OF THE SOUTH BOUND LANES AND 60-FEET NORTH OF CONCRETE BRIDGE
COORD. X=3,124,943.57 Y=715,574.707
C.O.H. MON. 5157-1506 ELEV. 50.52
COPPERWELD ROD WITH BRASS CAP SET IN CONCRETE LOCATED SOUTH OF BUFFALO BAYOU ALONG IH-610 WEST LOOP EAST OF THE NORTH BOUND LANES AND WEST OF THE NORTH BOUND FEEDER ROAD.
X=3,124,558.588 Y=716,668.74
1926 DATUM
1973 ADJUSTMENT
100YR FLOOD ELEVATION 42.00
IH-610 WEST LOOP AND BUFFALO BAYOU
BL. STA. 4+75 SWALE FL. 51.60
RIGHT HIGH BANK
LEFT HIGH BANK
100 YR. DESIGN W.S.
5' BOTTOM SWALE & 0.12% W/3:1 SIDESLOPE
25 YR. DESIGN W.S.
BL. STA. 8+12 SWALE FL. 52.00
FILL TO BE PLACED IN 8" MAXIMUM LAYERS COMPACTED TO 95% STD PROCTOR DENSITY
30' TRANSITION DUAL 10'X 11' TO EXIST. 10' X 10' BOX CULVERT
DUAL 10' X 11' (C-789) BOX CULVERT @ 0.54%
EXIST. HEADWALL TO BE REMOVED
EXIST. 10' X 10' (SDHPT) BOX CULVERT
BL = 20.33
4+50
5+00
6+00
7+00
8+00
9+00
9+50
CITY OF HOUSTON
CAPITAL PROJECTS DEPARTMENT
APPROVAL
INTERFIN UPTOWN LIMITED PARTNERSHIP
UPTOWN PARK BOULEVARD
W132-00-00
DUAL 10 FOOT X 11 FOOT BOX CULVERT
STA. 4+40 TO STA. 9+50
Turner Collie & Braden Inc.
30279



TOWN:InViewPlaceName

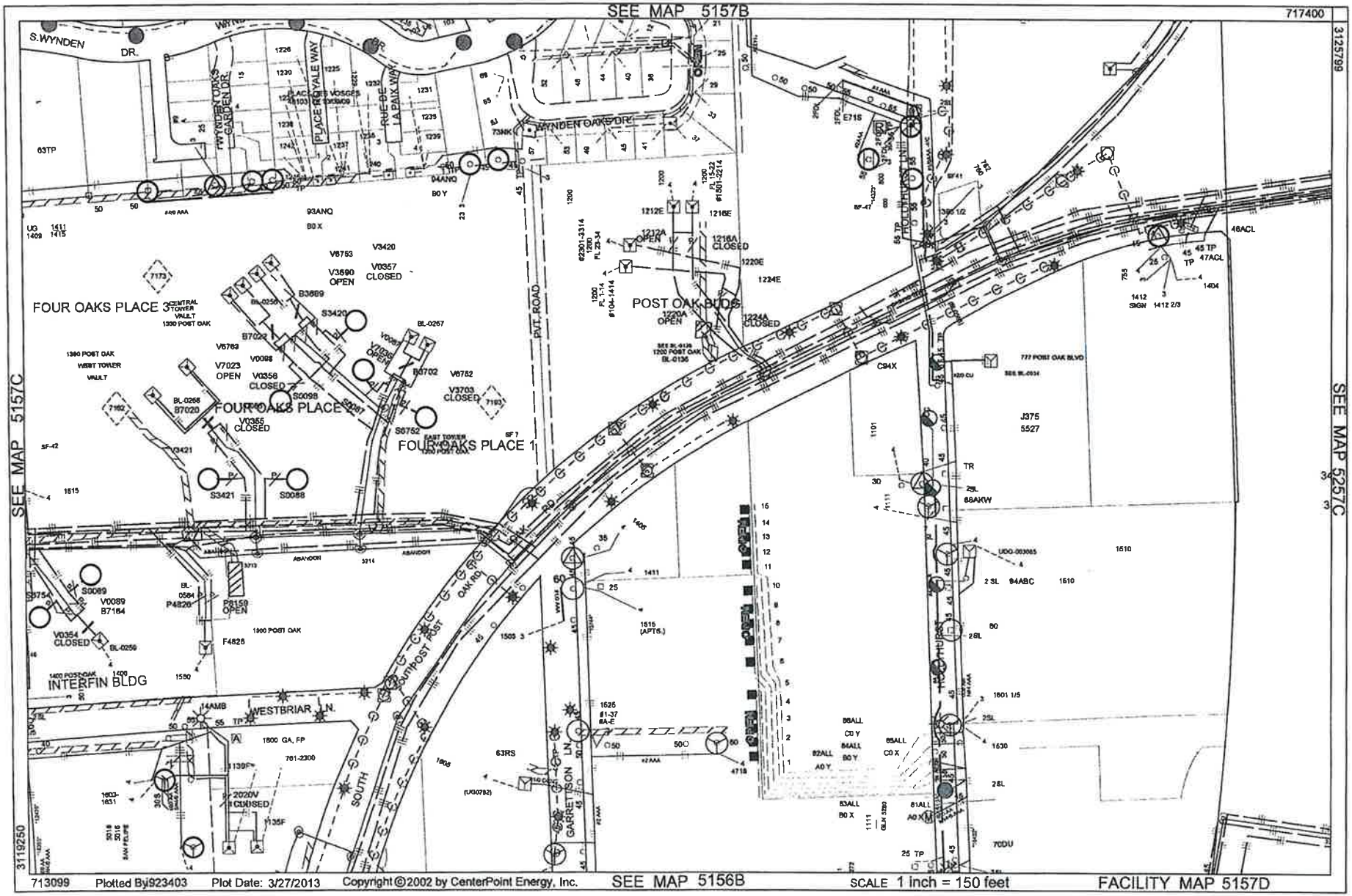
NOTES:

THIS MAP SHOWS GAS FACILITIES IN APPROXIMATE LOCATIONS. CONTRACTORS AND ENGINEERS SHALL DETERMINE EXACT LOCATIONS BEFORE EXCAVATING. CONTRACTORS AND ENGINEERS ARE FULLY RESPONSIBLE FOR ANY DAMAGES TO GAS FACILITIES RESULTING FROM THEIR EXCAVATIONS.

W. FACET:	F31200714
S. FACET:	F31230712
E. FACET:	F31260714
N. FACET:	F31230716
DATE:	3/27/2013
SCALE:	1" : 150'
USBR ID:	1923403
	F31230714

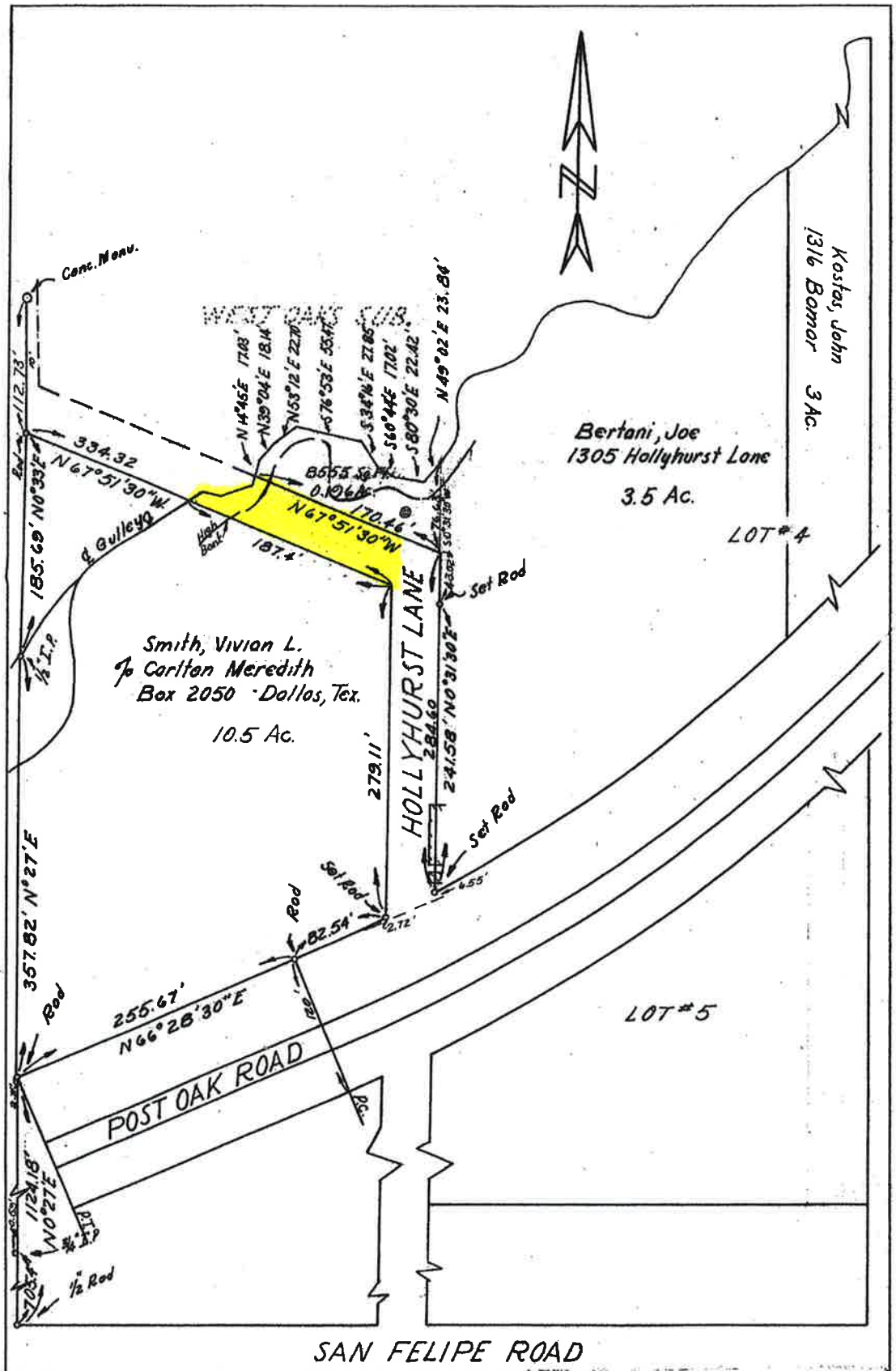
CenterPoint Energy

CENTERPOINT GAS
3/27/2013



ELECTRIC 3/2013

COH Survey Department Drawings



CITY OF HOUSTON
DEPARTMENT OF PUBLIC WORKS

HOLLYHURST SEWAGE PUMP STA. SITE
Part of Lot 4, Hollyhurst Sub., of the W.A. Parker Tract, out of the Wm. White 1/4 League
Joe Bertoni to The City of Houston

Approved:

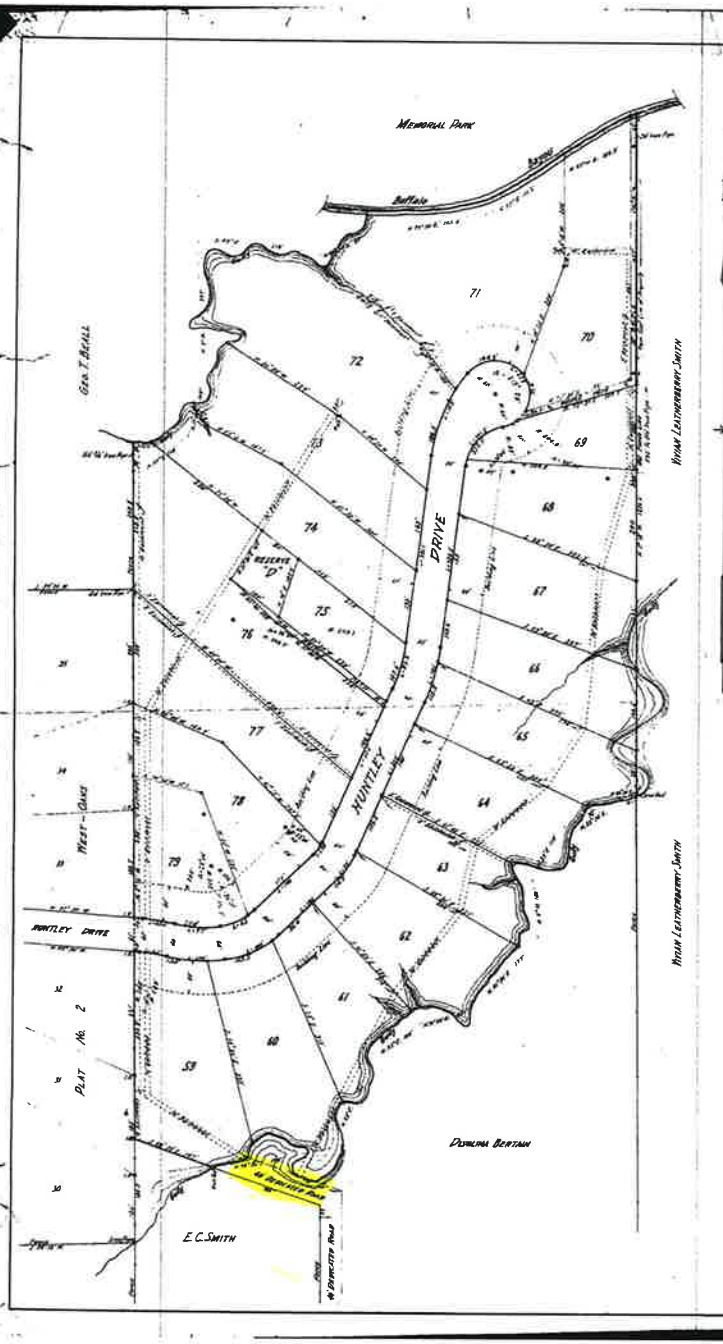
Director of Public Works

Scale 1" = 100'
Date Jan. 1957
Surv. by Brumlow
F. B. No. 118

Submitted

Drawn by Machlman

Drawing No. 7571



State of Texas
County of Harris

I, R. W. Gillette, owner and Ed C. Smith, mortgagee, of the property subdivided in the above and foregoing map of "West-Oaks", do hereby make subdivision of said property according to the lots, blocks, streets, alleys, parks and easements herein shown, and dedicate said subdivision as "West-Oaks", being a resubdivision of Tracts 1, 2 and 3 of Bellefleur Subdivision of part of the William White Survey, Harris County, Texas, as shown in F. R. No. 1.1, Plat No. 2.1, in Section Two (2) of Harris County, Texas, and do hereby dedicate to the public use, as such, the streets, alleys, parks and easements shown thereon, and do hereby waive any claim for damages occasioned by the establishing of grades as approved by the City Authorities, or occasioned by the alteration of the established grade of any portion of the streets to conform to such grades.

Witness our hands at Houston, Harris County, Texas, this 7th day of April, A.D. 1940.

R. W. Gillette
E. C. Smith

State of Texas
County of Harris

Before me, the undersigned authority, on this day personally appeared R. W. Gillette and E. C. Smith, known to me to be the persons whose names are subscribed to the foregoing instrument, and acknowledged to me that they executed the same for the purposes and considerations therein expressed.

Given under my hand and seal of office at Houston, Texas, this 7th day of April A.D. 1940.

Notary Public in and for
Harris County, Texas.

State of Texas
County of Harris

This is to Certify that the City Planning Commission of Houston, Texas, has approved this plat being "West-Oaks".

In Testimony whereof, Witness the official signatures of the Chairman and Secretary of said Commission, this the 11th day of May, A.D. 1940.

Attest: Sue Bennett, Secretary
By: [illegible], Chairman

Approved: J. M. Nagle
Director of Public Works

State of Texas
County of Harris

I, Thomas A. Palmer, a Civil Engineer of Texas, Reg. No. 1163, do hereby Certify that the foregoing survey was made on the ground according to law, and that the lots, blocks and streets, with areas, noted and indicated, are truly described on the foregoing plat.

Thomas A. Palmer

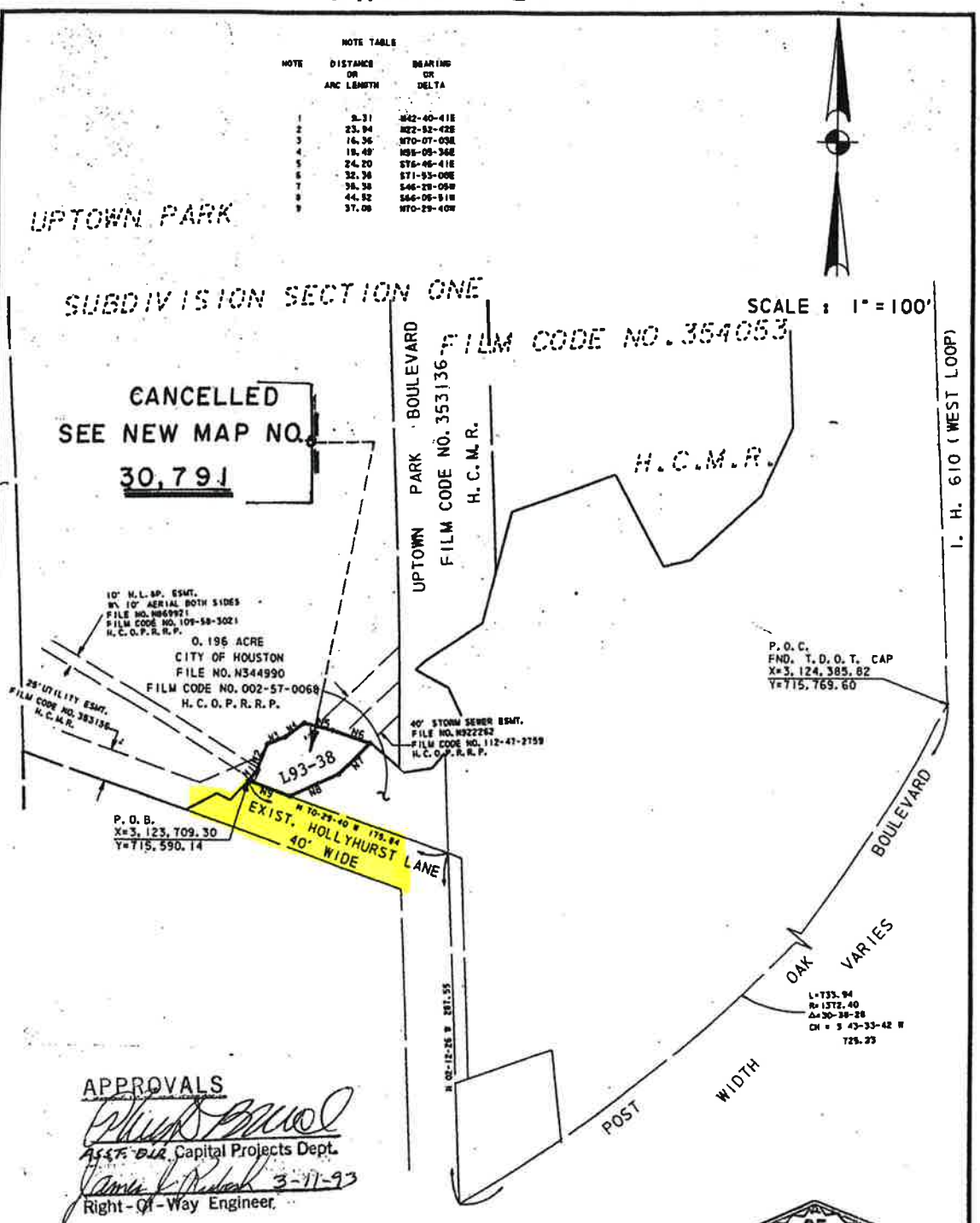
PLAT NO. 3
WEST-OAKS
SUBDIVISION OF 27.75 ACRES
OUT OF THE
WILLIAM WHITE SURVEY
HARRIS COUNTY
TEXAS

SCALE : 1" = 100'
APRIL 1940

EXHIBIT "B"

NOTE TABLE

NOTE	DISTANCE OR ARC LENGTH	BEARING OR DELTA
1	9.31	N42-40-41E
2	23.94	N22-52-42E
3	16.36	N70-07-03E
4	19.49'	N86-09-36E
5	24.20	S76-46-41E
6	32.36	S71-53-00E
7	38.38	S46-29-05W
8	44.52	S66-06-51W
9	37.08	N70-29-40W



1. ALL BEARINGS AND COORDINATES ARE REFERENCED TO THE TEXAS COORDINATE SYSTEM, SOUTH CENTRAL ZONE. TO CONVERT SURFACE DISTANCES SHOWN HEREON TO GRID, MULTIPLY BY THE COMBINED FACTOR OF 0.99988734.

3,299 SQ. FT. STORM SEWER EASEMENT
IN CITY OF HOUSTON TRACT

WILLIAM WHITE SURVEY, A-836

HARRIS COUNTY, TEXAS

Turner Collie & Braden Inc.

CONSULTING ENGINEERS

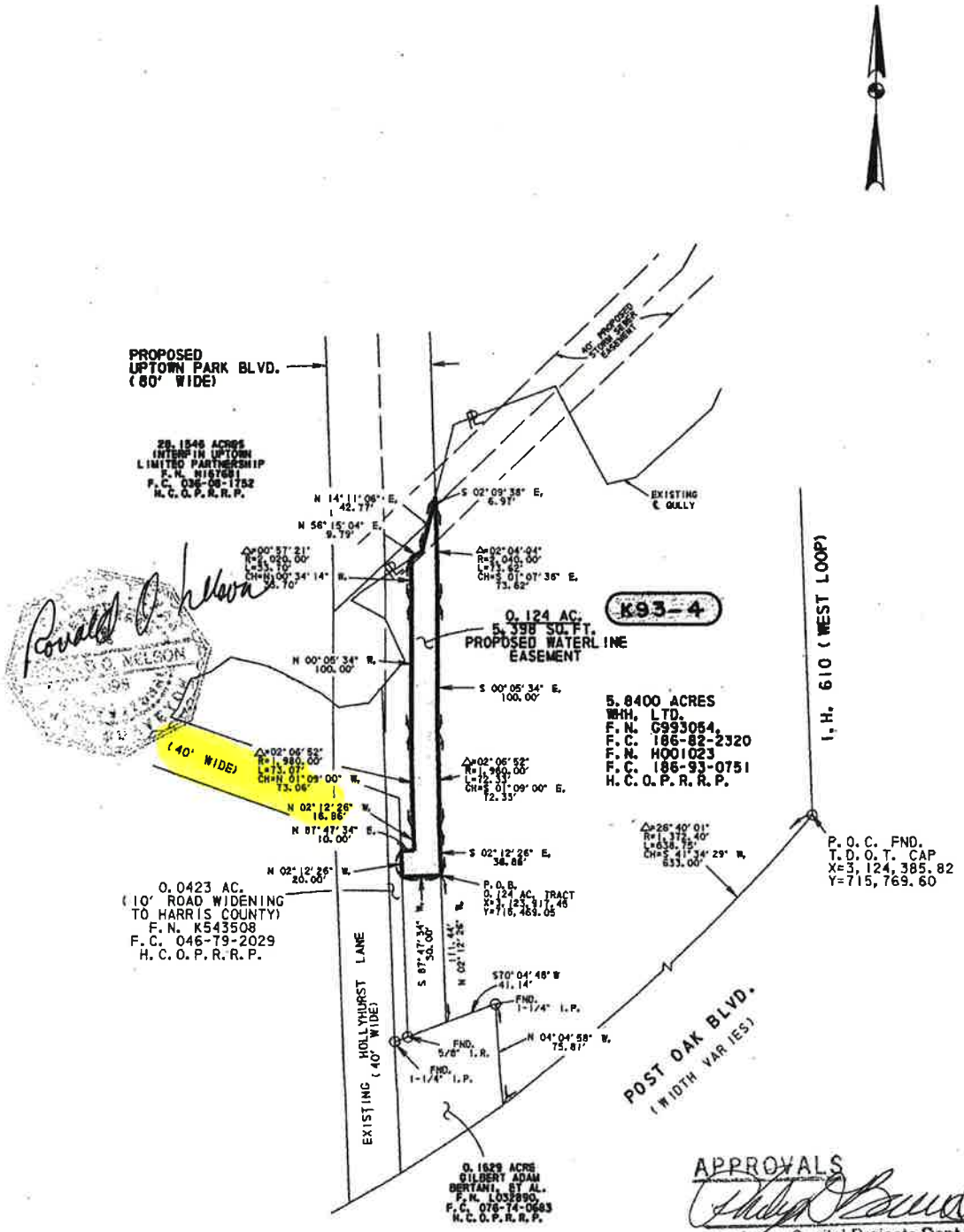
JOB NO. 23-00370-090 DECEMBER 1, 1992

Parcel L93-38
DRWG 22,397
Sheet 1

EXHIBIT "B"

DWG. NO. 22,397

EXHIBIT "A"



APPROVALS

ASST. DIR. Capital Projects Dept.

9-11-92

Right-of-Way Engineer

PARCEL NO. K93-4

DWG. NO. 22,376

NOTES:

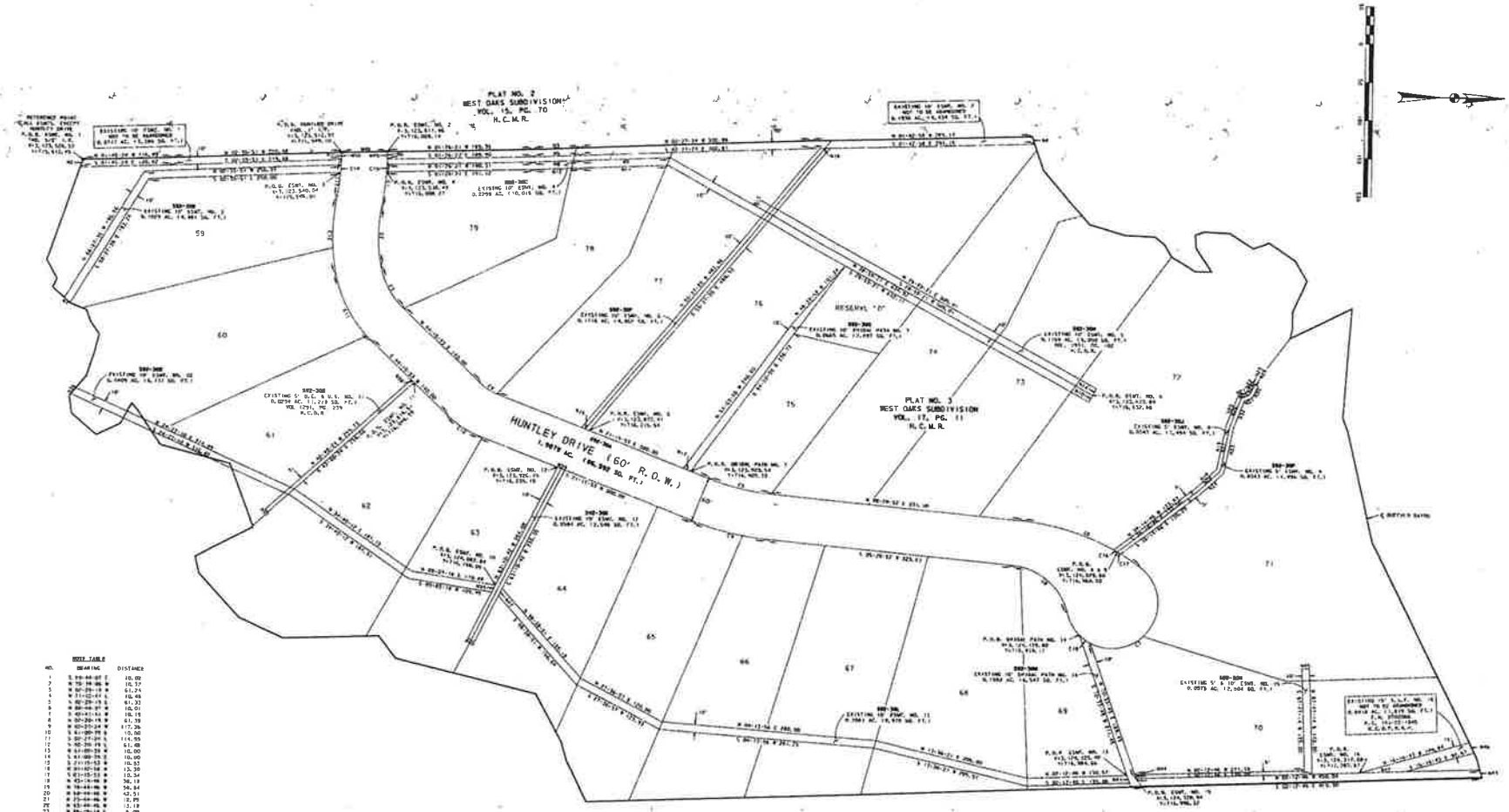
1. ○ INDICATES FOUND MONUMENT AS NOTED.
2. ALL BEARINGS AND COORDINATES ARE REFERENCED TO THE TEXAS COORDINATE SYSTEM, SOUTH CENTRAL ZONE. ALL DISTANCES ARE SURFACE AND MAY BE CONVERTED TO GRID BY MULTIPLYING BY THE COMBINED FACTOR OF 0.99988734.

0.124 ACRE
(5,398 SQ.FT.)
PROPOSED DEDICATION OF WATER LINE EASEMENT
WILLIAM WHITE SURVEY, A-836
HARRIS COUNTY, TEXAS

SURVCON INC.
HOUSTON, TEXAS

SCALE: 1"=100'	JOB NO. 528-486
DATE: JUNE, 1992	FIELD BOOK NO.
DRAWN BY: BGM	FILE NO. 528-486
	DESIGN FILE IFIN0124.DGN

DWG. NO. 22,376



LINE TABLE		
NO.	BEARING	DISTANCE
1	S 89-44-07 E	10.00
2	N 78-34-06 E	10.37
3	N 87-29-19 E	61.24
4	S 31-12-41 E	10.46
5	S 82-29-19 E	61.33
6	N 88-44-07 W	10.01
7	S 40-41-44 W	10.19
8	S 82-29-19 E	61.38
9	N 82-29-24 W	117.26
10	S 41-00-55 E	10.50
11	S 82-27-24 E	114.93
12	S 82-29-19 E	61.48
13	N 41-00-36 W	10.00
14	S 41-00-55 E	10.00
15	S 21-15-52 E	10.52
16	N 41-07-54 W	13.38
17	S 21-15-52 E	10.54
18	N 43-14-44 W	36.18
19	N 78-44-44 W	56.84
20	N 68-44-44 W	42.51
21	N 23-44-44 W	12.89
22	S 65-44-44 W	12.18
23	N 89-34-14 E	5.00
24	S 65-44-44 E	15.00
25	S 23-44-44 E	12.00
26	S 68-44-44 E	40.00
27	S 78-44-44 E	60.00
28	S 89-34-14 E	40.00
29	N 89-34-14 E	5.00
30	S 82-44-44 E	16.82
31	S 73-44-44 E	11.73
32	S 68-44-44 E	37.43
33	S 78-44-44 E	61.16
34	S 89-34-14 E	41.82
35	S 82-18-42 E	10.50
36	S 82-18-42 E	10.73
37	S 87-15-36 W	5.00
38	N 87-15-53 E	5.91
39	N 71-15-53 E	16.05
40	S 86-49-14 W	18.00
41	N 70-33-39 E	10.47
42	N 71-15-53 E	10.77
43	S 71-15-53 W	10.20
44	S 70-33-39 W	5.23
45	S 70-33-39 W	10.00
46	S 67-50-34 W	15.24
47	S 67-50-34 W	61.57
48	N 81-06-47 E	60.07
49	N 89-44-07 E	13.11
50	N 89-44-07 E	10.28

CURVE TABLE				
NO.	DELTA	RADIUS	LENGTH	CHORD BEARING	CHORD DISTANCE
1	10-00-00	346.00	60.74	S 83-44-07 E	60.66
2	22-00-00	202.00	77.86	S 89-44-07 E	77.08
3	30-00-00	106.30	54.94	N 81-49-51 E	63.93
4	24-00-00	68.00	29.30	N 37-49-53 E	29.11
5	15-41-01	299.70	82.45	N 19-27-22 E	82.19
6	31-15-03	304.80	168.07	N 21-00-23 E	164.02
7	219-38-18	40.00	238.91	S 23-04-16 E	118.29
8	70-51-56	82.00	101.42	S 40-54-38 W	95.06
9	15-41-01	305.20	98.98	S 13-27-27 W	98.61
10	23-00-00	126.00	51.38	S 32-45-53 W	51.04
11	25-00-00	166.00	101.53	S 61-45-53 W	100.71
12	22-00-00	262.00	100.60	N 89-44-07 W	99.99
13	10-00-00	286.00	50.71	N 83-44-07 W	50.70
14	02-00-06	296.00	10.06	S 88-23-18 E	10.06
15	01-29-03	368.00	10.03	N 87-15-58 W	10.03
16	01-00-53	304.80	5.40	S 78-38-43 W	5.40
17	01-00-28	304.80	5.36	S 58-37-23 W	5.36
18	14-59-10	60.00	15.79	N 58-12-49 E	15.72

NOTES:

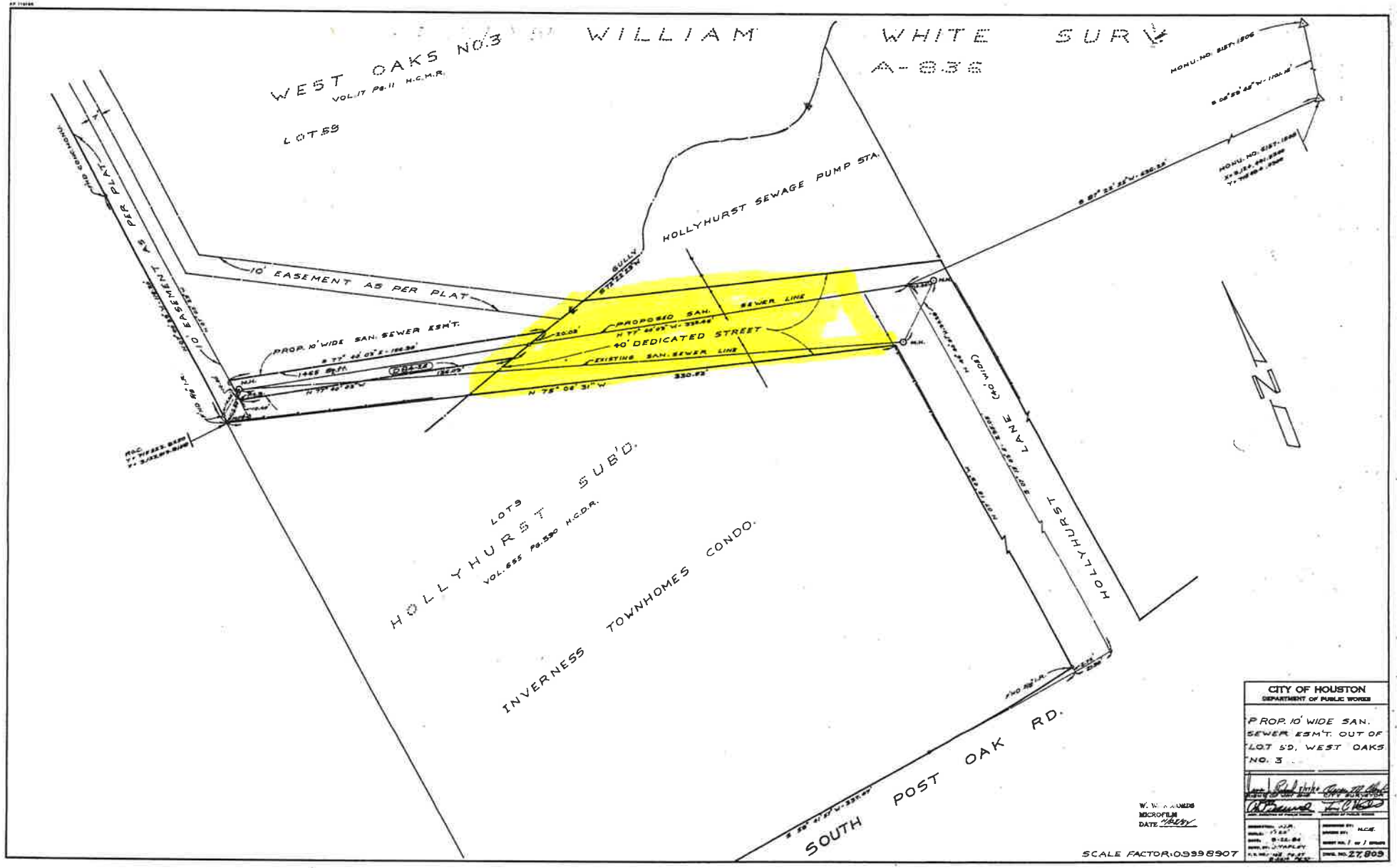
1. ALL BEARINGS AND COORDINATES REFERENCED TO THE TEXAS COORDINATE SYSTEM, SOUTH CENTRAL ZONE. ALL DISTANCES ARE SURFACE AND MUST BE CORRECTED TO GRID BY MULTIPLYING BY THE COMBINED FACTOR OF 0.9998475.
2. ALL EASEMENTS, PRIVATE PATHS AND HUNTLEY DRIVE WERE CREATED BY PLAT NO. 3, WEST OAKS SUBDIVISION AS RECORDED IN VOLUME 17, PAGE 11, OF THE HARRIS COUNTY MAP RECORDS UNLESS OTHERWISE NOTED.
3. H.C.M.R. INDICATES HARRIS COUNTY MAP RECORDS.
4. H.C.D.R. INDICATES HARRIS COUNTY DEED RECORDS.
5. D.E. INDICATES DRAINAGE EASEMENT.
6. U.E. INDICATES UTILITY EASEMENT.
7. S.S.E. INDICATES SANITARY SEWER EASEMENT.
8. H.C.O.P.R.R.P. INDICATES HARRIS COUNTY OFFICIAL PUBLIC RECORDS OF REAL PROPERTY.

APPROVALS

COUNCIL MOTION NO. 91-3382
SKETCH OF EASEMENTS
TO BE ABANDONED IN
PLAT NO. 3
WEST OAKS SUBDIVISION
VOL. 17, PG. 11
H.C.M.R.
WILLIAM WHITE SURVEY, A-836
HARRIS COUNTY, TEXAS

Turner Collie & Braden Inc.
ENGINEERS • PLANNERS

DWG. NO. 8953
SHEET NO. 1 OF 2


WEST OAKS NO.3
VOL.17 PG.11 H.C.M.R.
LOT 58
WILLIAM WHITE SURV
A-836
HOLLYHURST SEWAGE PUMP STA.
10' EASEMENT AS PER PLAT
PROPOSED SAN. SEWER LINE
40' DEDICATED STREET
EXISTING SAN. SEWER LINE
PROP. 10' WIDE SAN. SEWER ESM'T.
N 75° 06' 31" W
330.52'
M.H.
HOLLYHURST SUB'D.
LOTS
VOL.655 PG.530 H.C.D.R.
INVERNESS TOWNHOMES CONDO.
HOLLYHURST LANE (40' WIDE)
SOUTH POST OAK RD.
N
CITY OF HOUSTON
DEPARTMENT OF PUBLIC WORKS
PROP. 10' WIDE SAN. SEWER ESM'T. OUT OF LOT 58, WEST OAKS NO. 3
27,809
W. W. WOODS
MICROFILM
DATE 1/8/87
SCALE FACTOR: 0.9998907