



Fort Bend County Engineering
FORT BEND COUNTY, TEXAS

16Q

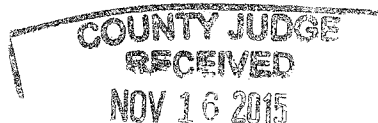
AGENDA ITEM

Richard W. Stolleis, P.E.
County Engineer

November 16, 2015

16 Q

Judge Robert E. Hebert
Fort Bend County Judge
401 Jackson Street
Richmond, Texas 77469



**Re: Sponsorship
Public Road Connection and Temporary Asphalt Transition at Una Strada Lane, Due Strada Lane and Tre Strada Lane to West Park Toll Road Feeder Road (FM 1093) within Lakes of Bella Terra Development on behalf L.O. B. Limited Partnership**

Honorable Judge Hebert:

Fort Bend County Engineering Department has received and reviewed a request (letter attached) from Benchmark Engineering Corporation, for Fort Bend County to sponsor a project for a public road connection and temporary asphalt transition at Una Strada Lane, Due Strada Lane and Tre Strada Lane to West Park Toll Road Feeder Road (FM 1093) within Lakes of Bella Terra Development. The public road connection and asphalt transition will improve traffic flow along the West Park Toll Road Feeder Road (FM 1093).

Any and all cost involved with the project will be borne by L.O.B. Limited Partnership. There will be no cost to Fort Bend County.

The Texas Department of Transportation requests that an agency, such as Fort Bend County, act as a sponsor for the project. This means that the permit for the work will be issued in the name of Fort Bend County and the County accepts responsibility for the terms and conditions of the permit.

We recommend acceptance of the sponsorship and request that this item be placed on the 11/24/2015 Commissioner's Court agenda. We have prepared a letter to Texas Department of Transportation, for the County Judges' signature.

If there are any questions please do not hesitate to call.

Sincerely,

Rick J. Staigle, PE, PTOE

Rick J. Staigle, PE, PTOE
First Assistant County Engineer

Attachment: Scope of Work

cc: Mr. Roy Cordes, Jr. FBC Attorney
Commissioner W. A. "Andy" Meyers, Pct. 3
File

301 Jackson St., Suite 401, Richmond, TX 77469
Phone 281-633-7500



COUNTY JUDGE
Fort Bend County, Texas

Robert E. Hebert
County Judge

(281) 341-8608
Fax (281) 341-8609

November 24, 2015

Mr. Quincy Allen, P.E.
District Engineer, Houston District
Texas Department of Transportation
P.O. Box 1386
Houston, TX 77251-1386

Subject: ***Sponsorship
Public Road Connection and Temporary Asphalt Transition for
Una Strada Lane, Due Strada Lane and Tre Strada Lane to West Park Toll
Road Feeder Road (FM 1093) within Lakes of Bella Terra Development on
behalf L.O. B. Limited Partnership***

Dear Mr. Allen:

Fort Bend County has received and reviewed a request from Benchmark Engineering Corporation, for Fort Bend County to sponsor a Texas Department of Transportation project on behalf of L.O.B. Limited Partnership, for a public road connection and temporary asphalt transition at Una Strada Lane, Due Strada Lane and Tre Strada Lane to West Park Toll Road Feeder Road (FM 1093) within Lakes of Bella Terra Development, at no cost to the County.

The request was approved by Fort Bend County Commissioners Court at our meeting held on November 24, 2015. We request that a permit for the public road connection and temporary asphalt transition be issued with Fort Bend County as sponsor for this project.

If there are any questions or need for additional information, please call Rick J. Staigle in our Engineering Department at telephone 281-633-7509.

Sincerely,

A handwritten signature in black ink, appearing to read "Robert E. Hebert", written over a horizontal line.

Robert E. Hebert
Fort Bend County Judge

Enclosures: Resolution
 Drawing

Copy: Mr. William H. Saour, P.E., Benchmark Engineering Corporation
 File

THE STATE OF TEXAS §

COUNTY OF FORT BEND §

**RESOLUTION TO SPONSOR A PROJECT TO CONSTRUCT A
PUBLIC ROAD CONNECTION AND TEMPORARY ASPHALT TRANSITION AT
UNA STRADA LANE, DUE STRADA LANE AND TRE STRADA LANE TO
WEST PARK TOLL ROAD FEEDER ROAD (FM 1093)
WITHIN LAKES OF BELLA TERRA DEVELOPMENT
ON BEHALF L.O. B. LIMITED PARTNERSHIP**

On this 24 day of November, 2015, the Commissioners Court, sitting as the governing body of Fort Bend County, Texas, at a regular meeting, upon motion of Commissioner Patterson, seconded by Commissioner Meyers, duly put and carried;

WHEREAS, the proposed sponsorship project includes the installation of a public road connection and temporary asphalt transition at Una Strada Lane, Due Strada Lane and Tre Strada Lane to West Park Toll Road Feeder Road (FM 1093) within Lakes of Bella Terra Development on behalf L.O. B. Limited Partnership.

WHEREAS, the funding for such sponsorship of the project is to be provided through sources other than Fort Bend County.

NOW, THEREFORE, BE IT RESOLVED that Fort Bend County expresses its support and sponsorship of such project with the Texas Department of Transportation to cause such improvements to be made at Una Strada Lane, Due Strada Lane and Tre Strada Lane to West Park Toll Road Feeder Road (FM 1093).

FORT BEND COUNTY

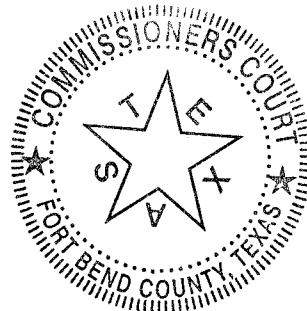
By: _____

Robert E. Hebert, County Judge

ATTEST:

Laura Richard

Laura Richard, County Clerk



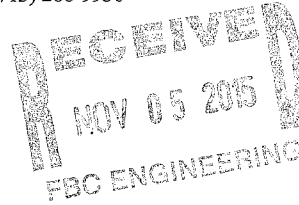


BENCHMARK ENGINEERING CORPORATION
ENGINEERING • PLANNING • LAND SURVEYING

TEXAS BOARD OF PROFESSIONAL ENGINEERS
REGISTRATION NUMBER F-6788
2401 FOUNTAINVIEW DRIVE, SUITE 500
HOUSTON, TEXAS 77057
(713) 266-9930

CONSULTING ENGINEERS

FAX (713) 266-3804



November 3, 2015

Honorable Robert E. Hebert
Fort Bend County Judge
309 S. 4th Street, Suite 719
Richmond, Texas 77469

Re: Sponsorship Letter for Proposed Street tie-In for
**Una Strada Lane, Due Strada Lane and Tre Strada Lane to West Park Toll Road
Feeder Road (F.M. 1093)**
In Fort Bend County Municipal Utility District No. 133,

Plat name: **Via Mazzinni Way Reserve Sec. 1**

Dear Mr. Hebert:

As required by the Texas Department of Transportation (TXDOT), we are in the process of preparing a permit application package to submit to TXDOT for the proposed street tie-in of Una Strada Lane, Due Strada Lane and Tre Strada Lane to West Park Toll Road Feeder Road. The proposed tie-in will be a 3-41' wide minimum concrete roadways on the east bound West Park Toll Road Feeder Road which will transition to a two lane concrete roadway with curb. In addition to this the West Park Toll Road Authority will be constructing feeder road, right hand turn lanes and the roadway connection as part of the proposed feeder road construction. There is a separate request for temporary roadways to be used until the permanent feeder road for the West Park Toll road is constructed. These roadways will be constructed in accordance with Fort Bend County Design Standards & Requirements at no expense to the county. The developer is **L.O.B. Limited Partnership**, will finance the cost of the construction. Please find attached 2 – 11"x17" reduced Fort Bend County final drawings of the proposed tie-in, as required by TXDOT street permit.

As part of the requirements by TXDOT, a sponsorship letter from Fort Bend County is necessary as a part of the submittal package. As the engineer for this development, I am hereby respectfully requesting Fort Bend County's sponsorship for this construction.

Please call me if you have any questions or need further information.

Sincerely,

BENCHMARK ENGINEERING CORPORATION

William H. Saour, P.E.
Project Engineer



cc: Ms. Mary Jane Sowa – FBC Engineering

BENCHMARKS

THE BENCHMARKS SHOWN ON THIS PLAN ARE THE PROPERTY OF THE U.S. GEOLOGICAL SURVEY AND ARE NOT TO BE USED FOR ANY OTHER PURPOSE WITHOUT THE WRITTEN PERMISSION OF THE U.S. GEOLOGICAL SURVEY.

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PRIVATE UTILITY LINES SHOWN IN THIS PLAN ARE THE PROPERTY OF THE UTILITY COMPANY AND ARE NOT TO BE USED FOR ANY OTHER PURPOSE WITHOUT THE WRITTEN PERMISSION OF THE UTILITY COMPANY.

THE UTILITY COMPANY HAS BEEN ADVISED OF THE LOCATION OF THESE LINES AND HAS AGREED TO BE RESPONSIBLE FOR THE PROTECTION AND MAINTENANCE OF THESE LINES.

DESIGNER
 NAME: _____
 TITLE: _____
 FIRM: _____

CHECKED BY
 NAME: _____
 TITLE: _____

DATE

PROPOSED

LEGEND

EXISTING	PROP.
FIRE HYDRANT	WATER VALVE
WATER VALVE	FLUSH & CLAMP
FLUSH & CLAMP	TOP GATE & VALVE
TOP GATE & VALVE	RAIN-OFF VALVE
RAIN-OFF VALVE	REVISION

PROPOSED

LEGEND

PROP.	EXISTING
WATER VALVE	FIRE HYDRANT
FLUSH & CLAMP	WATER VALVE
TOP GATE & VALVE	FLUSH & CLAMP
RAIN-OFF VALVE	TOP GATE & VALVE
REVISION	RAIN-OFF VALVE

APPROVED FOR DEVELOPMENT COORDINATOR

CITY OF HOUSTON

DEPARTMENT OF PUBLIC WORKS AND ENGINEERING

FOR THE CITY OF HOUSTON AND

DATE: _____

FILE NO. _____

DATE: _____

SCALE: _____

DATE: _____

FILE NO. _____

DATE: _____

SCALE: _____

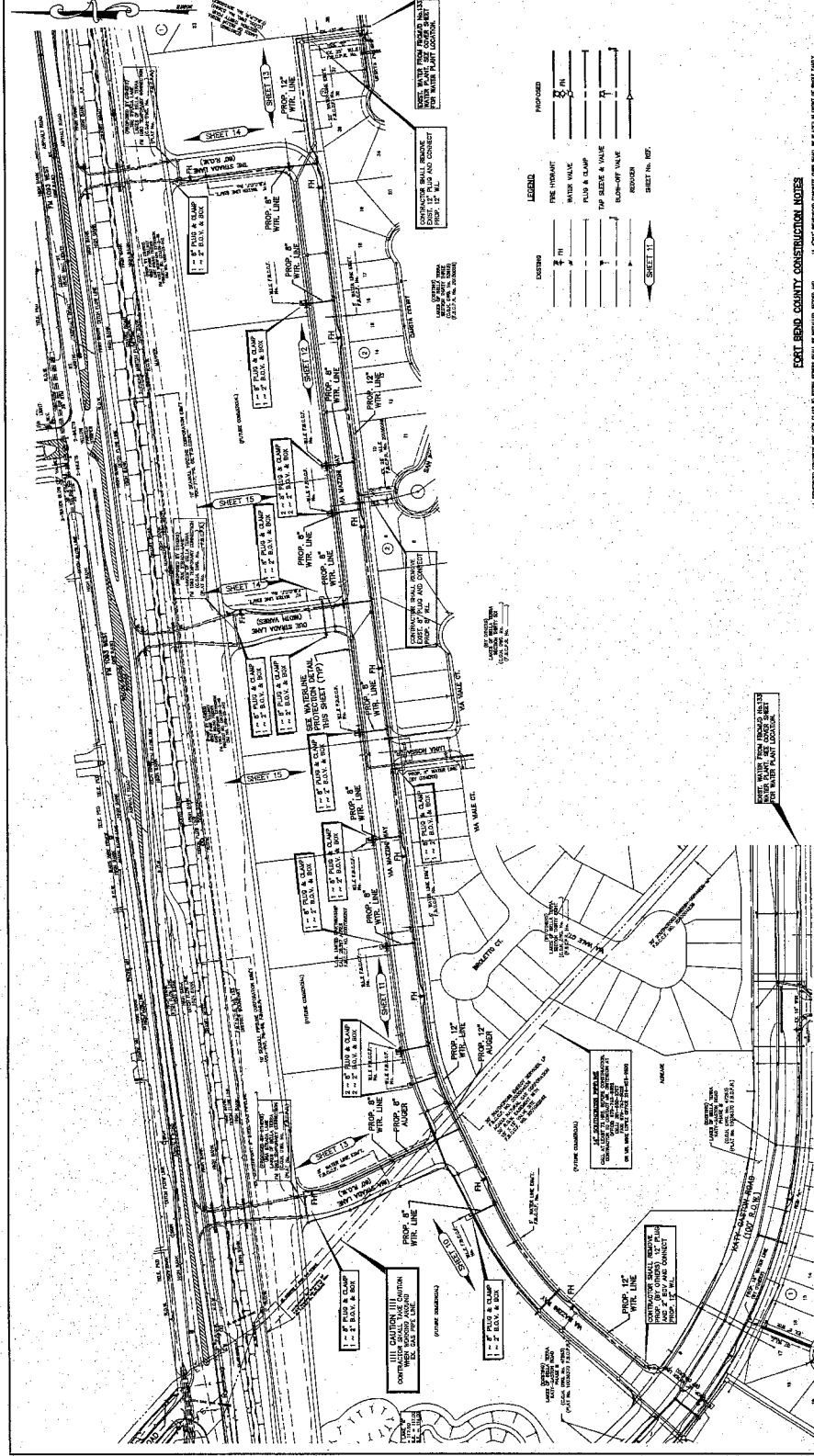
DATE: _____

Sheet No. 2 of 23

LAKES OF BELLA TERRA

VIA MARIANA WAY

FORT BEND COUNTY, TEXAS



FORT BEND COUNTY CONSTRUCTION NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES AND AGENCIES.

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MAINTENANCE PROTECTION

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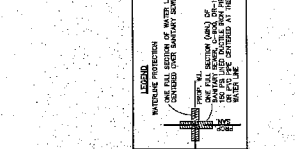
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LEGEND

MAINTENANCE PROTECTION

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BENCHMARKS

GENERAL NOTES:
 1. ALL DIMENSIONS ARE TO CENTERLINE UNLESS OTHERWISE NOTED.
 2. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE TEXAS CONSTRUCTION CODES AND THE CITY OF HOUSTON SPECIFICATIONS.
 3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.
 4. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ADJACENT PROPERTIES AND UTILITIES AT ALL TIMES.
 5. ALL UTILITIES SHALL BE PROTECTED AND DEEPER THAN THE PROPOSED CONSTRUCTION.
 6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION AND REPAIR OF ALL UTILITIES.
 7. ALL CONSTRUCTION SHALL BE COMPLETED WITHIN THE SPECIFIED TIME FRAME.
 8. THE CONTRACTOR SHALL MAINTAIN ADEQUATE RECORDING AND AS-BUILT DRAWINGS.
 9. ALL MATERIALS AND WORKMANSHIP SHALL BE SUBJECT TO INSPECTION AND APPROVAL BY THE CITY ENGINEER.
 10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION AND REPAIR OF ALL ADJACENT PROPERTIES AND UTILITIES AT ALL TIMES.

PRIVATE UTILITY LINES SHOWN

EXISTING PRIVATE UTILITY LINES SHOWN FOR INFORMATION ONLY. THE CONTRACTOR SHALL VERIFY THE LOCATION AND DEPTH OF ALL UTILITIES PRIOR TO CONSTRUCTION.

SEAL

Professional Engineer Seal for the State of Texas, No. 118018, dated August 23, 2015.

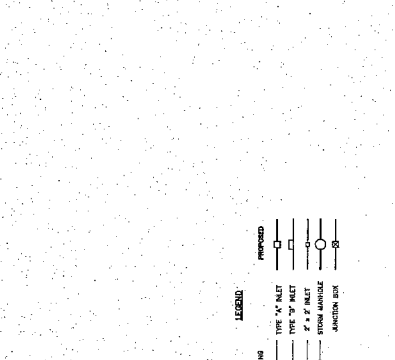
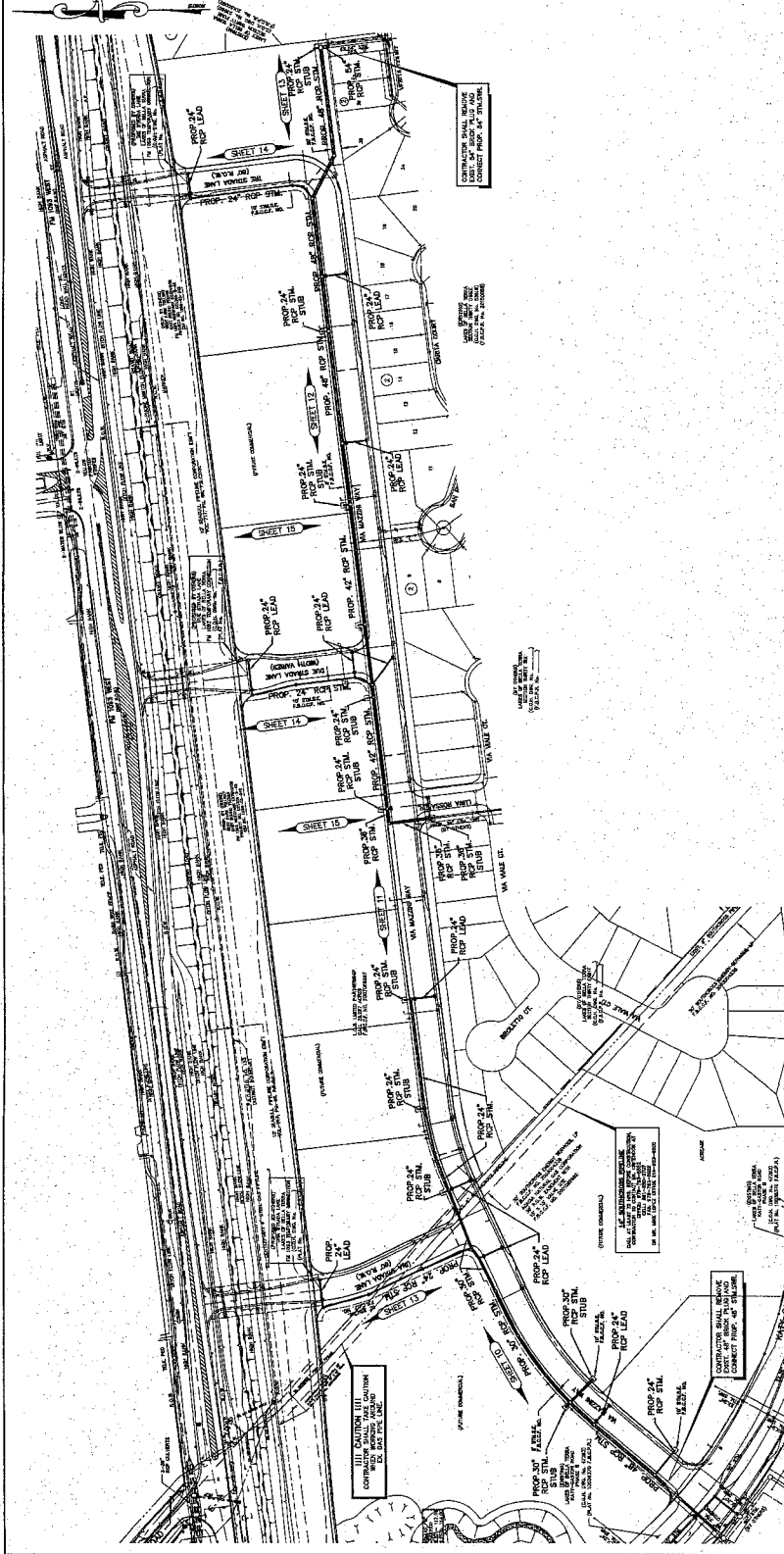
CITY OF HOUSTON
 DEPARTMENT OF PUBLIC WORKS AND UTILITIES

OVERALL STORM SEWER LAYOUT

APPROXIMATE IS MVD FOR 1 YEAR.

PROJECT INFORMATION

PROJECT NO. 1107
 SHEET NO. 4 OF 23



EARL BEND COUNTY CONSTRUCTION NOTES

1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE TEXAS CONSTRUCTION CODES AND THE CITY OF HOUSTON SPECIFICATIONS.

2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.

3. ALL UTILITIES SHALL BE PROTECTED AND DEEPER THAN THE PROPOSED CONSTRUCTION.

4. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ADJACENT PROPERTIES AND UTILITIES AT ALL TIMES.

5. ALL MATERIALS AND WORKMANSHIP SHALL BE SUBJECT TO INSPECTION AND APPROVAL BY THE CITY ENGINEER.

6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION AND REPAIR OF ALL ADJACENT PROPERTIES AND UTILITIES AT ALL TIMES.

BENCHMARKS

THE CITY ENGINEER HAS REVIEWED THIS PLAN AND APPROVES IT FOR THE CITY OF HOUSTON. THE CITY ENGINEER'S REVIEW IS LIMITED TO THE TECHNICAL ASPECTS OF THE PLAN AND DOES NOT CONSTITUTE A GUARANTEE OF THE ACCURACY OF THE INFORMATION PROVIDED HEREON. THE CITY ENGINEER'S REVIEW IS LIMITED TO THE TECHNICAL ASPECTS OF THE PLAN AND DOES NOT CONSTITUTE A GUARANTEE OF THE ACCURACY OF THE INFORMATION PROVIDED HEREON.

PROPOSED

OVERALL STORM WATER POLLUTION PREVENTION PLAN

LAKES OF BELLA TERRA WA MAZZINI WAY RESERVE SEC 1 FORT BEND COUNTY, TEXAS

PROJECT NO. 110818

DATE: April 23, 2017

APPROVED: THE ENVIRONMENTAL COORDINATOR

DATE: _____

FOR OFFICE OF HOUSTON USE ONLY

PROJECT NO. 110818

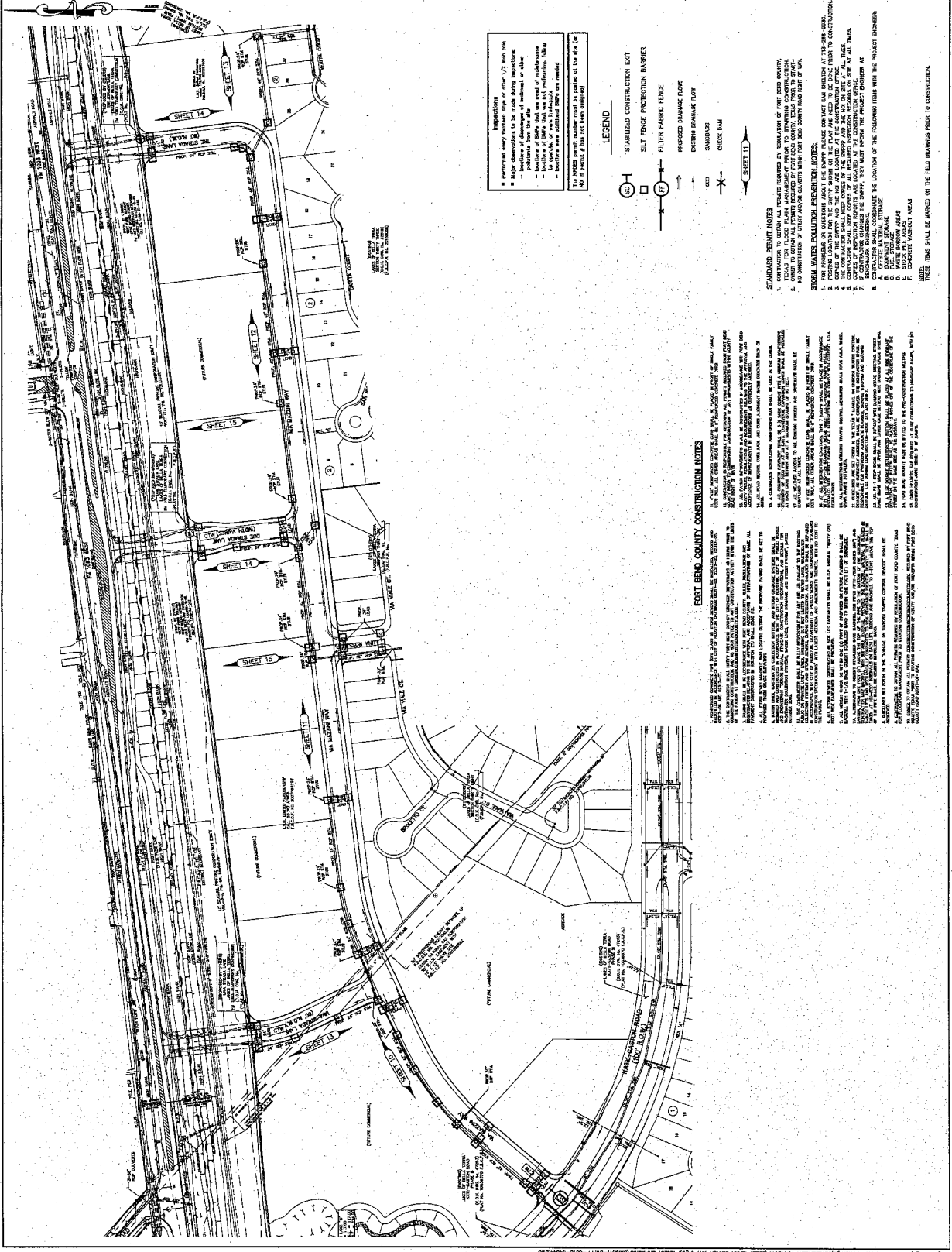
DATE: _____

FOR OFFICE OF HOUSTON USE ONLY

PROJECT NO. 110818

DATE: _____

FOR OFFICE OF HOUSTON USE ONLY



LEGEND

- STANDARDIZED CONSTRUCTION EXIT
- SILT FENCE PROTECTION BARRIER
- FILTER FABRIC FENCE
- PROPOSED DRAINAGE FLUMS
- EXISTING DRAINAGE FLUM
- SANDBARS
- CHECK DAM

NOTES:

- 1. Perform survey after 1:00 PM on day.
- 2. Major adjustments to be made during construction.
- 3. Locations of structures to be installed or altered.
- 4. Locations of signs that are used or modified.
- 5. Locations of signs that are not performing during construction.
- 6. Locations where additional signs are needed.

This project permit number must be posted at the site at all times.

- STANDARD PERMIT NOTES**
1. CONTRACTOR TO OBTAIN ALL PERMITS REQUIRED BY REGULATORY AGENCIES OF FORT BEND COUNTY, TEXAS.
 2. CONTRACTOR TO OBTAIN ALL PERMITS REQUIRED BY REGULATORY AGENCIES OF FORT BEND COUNTY, TEXAS PRIOR TO START.
 3. NO CONSTRUCTION OF PERMITS ALLOWED WITHIN FORT BEND COUNTY ROAD RIGHT OF WAY.
 4. CONTRACTOR TO OBTAIN ALL PERMITS REQUIRED BY REGULATORY AGENCIES OF FORT BEND COUNTY, TEXAS PRIOR TO START.
 5. CONTRACTOR TO OBTAIN ALL PERMITS REQUIRED BY REGULATORY AGENCIES OF FORT BEND COUNTY, TEXAS PRIOR TO START.
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FORT BEND COUNTY CONSTRUCTION NOTES

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BENCHMARKS
 THE CITY ENGINEER HAS REVIEWED THE PLANS AND SPECIFICATIONS AND HAS FOUND THEM TO BE IN ACCORDANCE WITH THE CITY ORDINANCES AND THE STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGES, SEVENTH EDITION, 1965, AS AMENDED. THE CITY ENGINEER'S OFFICE HAS REVIEWED THE PLANS AND SPECIFICATIONS AND HAS FOUND THEM TO BE IN ACCORDANCE WITH THE CITY ORDINANCES AND THE STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGES, SEVENTH EDITION, 1965, AS AMENDED. THE CITY ENGINEER'S OFFICE HAS REVIEWED THE PLANS AND SPECIFICATIONS AND HAS FOUND THEM TO BE IN ACCORDANCE WITH THE CITY ORDINANCES AND THE STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGES, SEVENTH EDITION, 1965, AS AMENDED.

PRIVATE UTILITY LINES SHOWN
 THE PRIVATE UTILITY LINES SHOWN ON THESE PLANS ARE BASED ON RECORD DRAWINGS AND FIELD SURVEY. THE LOCATION AND DEPTH OF ALL UTILITIES SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION AND REPAIR OF ALL UTILITIES ENCOUNTERED DURING CONSTRUCTION.

APPROVED FOR THE CITY OF HOUSTON
 CITY ENGINEER
 DATE: _____

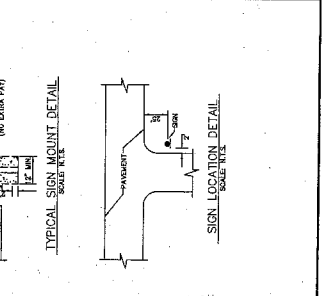
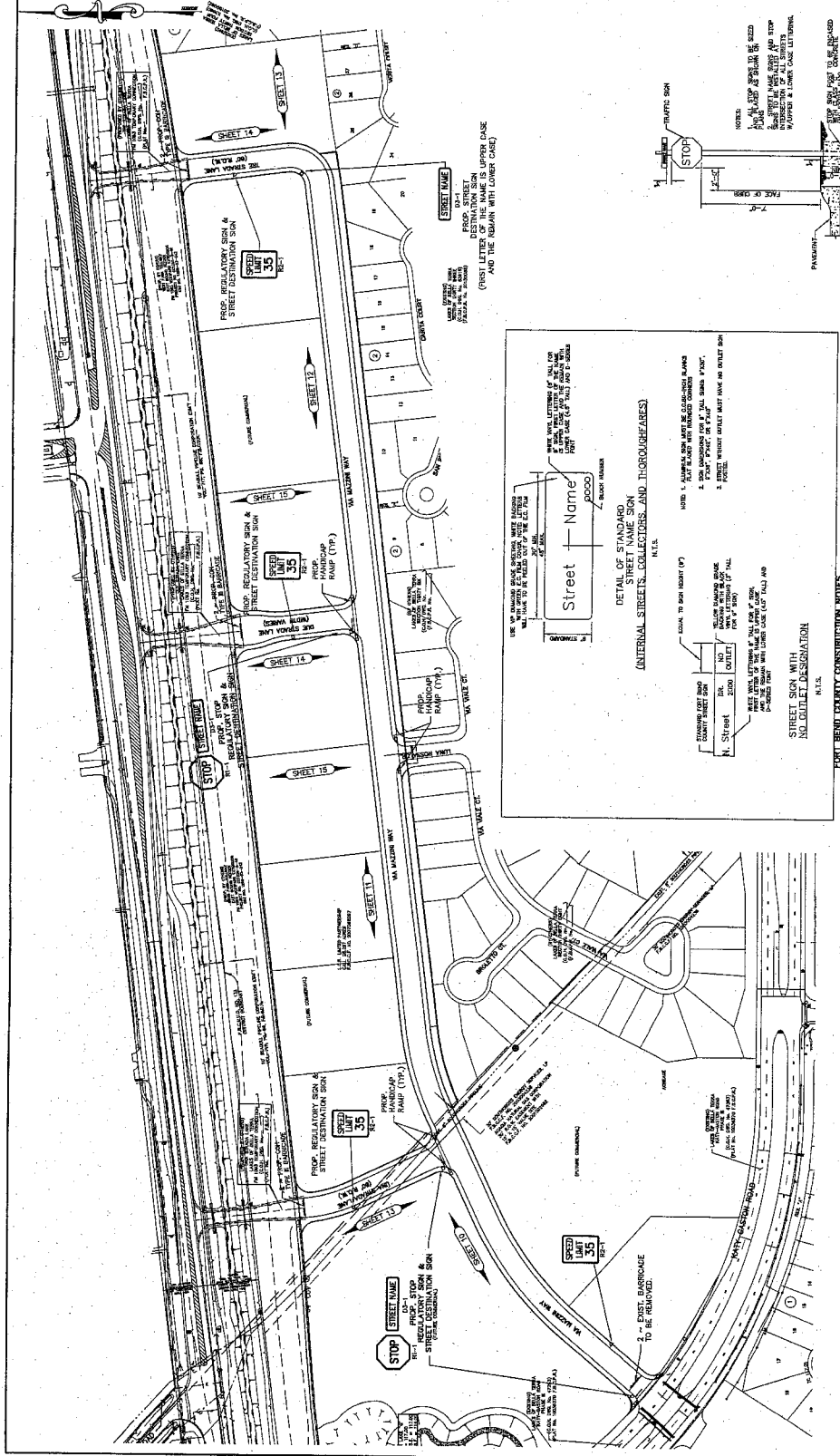
APPROVED FOR THE DEVELOPER/CONTRACTOR
 DATE: _____

LAKES OF BELLA TERRA
 MAINTENANCE DISTRICT
 FORT BEND COUNTY, TEXAS

OVERALL STREET SIGNAGE PLAN

SCALE: 1" = 100'

SHEET NO. 9 OF 23



STREET SIGNAGE NOTES

1. ALL SIGNAGE SHALL BE 30" x 30" WITH 1/2" THICKNESS.
2. ALL STREET SIGNS SHALL BE 4" IN HEIGHT AND 4" IN WIDTH.
3. ALL STOP SIGNS SHALL BE 18" IN DIAMETER.
4. ALL HANDICAP SIGNS SHALL BE 18" x 18" IN SIZE.
5. ALL SIGNS SHALL HAVE GLOWING REFLECTIVE SHEET.
6. ALL SIGNS SHALL HAVE A BLACK ROAD SURFACE.
7. ALL SIGNS SHALL HAVE A WHITE BACKGROUND.
8. ALL SIGNS SHALL HAVE A WHITE BORDER.

DETAIL OF STANDARD STREET NAME SIGN
 INTERNAL STREET COLLECTIONS AND THROUGHWAYS

USE THE FOLLOWING SIGNAGE FOR ALL INTERNAL STREET COLLECTIONS AND THROUGHWAYS. THE SIGN SHALL BE 18" x 18" IN SIZE AND SHALL HAVE A WHITE BACKGROUND WITH BLACK LETTERING.

STREET SIGN WITH NO. OR LET DESIGNATION

USE THE FOLLOWING SIGNAGE FOR ALL STREET SIGNS WITH NO. OR LET DESIGNATION. THE SIGN SHALL BE 18" x 18" IN SIZE AND SHALL HAVE A WHITE BACKGROUND WITH BLACK LETTERING.

CORNER SIGNAGE NOTES

ALL CORNER SIGNS SHALL BE 18" x 18" IN SIZE AND SHALL HAVE A WHITE BACKGROUND WITH BLACK LETTERING. THE SIGN SHALL BE PLACED AT THE CORNER OF THE STREET.

STREET SIGNAGE NOTES

ALL STREET SIGNS SHALL BE 18" x 18" IN SIZE AND SHALL HAVE A WHITE BACKGROUND WITH BLACK LETTERING. THE SIGN SHALL BE PLACED AT THE END OF THE STREET.

STREET SIGNAGE NOTES

ALL STREET SIGNS SHALL BE 18" x 18" IN SIZE AND SHALL HAVE A WHITE BACKGROUND WITH BLACK LETTERING. THE SIGN SHALL BE PLACED AT THE END OF THE STREET.

BENCHMARKS

STATION 10+00: 1.0000
 STATION 10+25: 1.0250
 STATION 10+50: 1.0500
 STATION 10+75: 1.0750
 STATION 11+00: 1.1000
 STATION 11+25: 1.1250
 STATION 11+50: 1.1500
 STATION 11+75: 1.1750
 STATION 12+00: 1.2000

GENERAL NOTES

1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE TEXAS STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.
3. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ADJACENT PROPERTIES AT ALL TIMES.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING UTILITIES AND STRUCTURES.
5. THE CONTRACTOR SHALL MAINTAIN ADEQUATE DRAINAGE THROUGHOUT THE PROJECT.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL ENVIRONMENTAL FEATURES.
7. THE CONTRACTOR SHALL MAINTAIN ADEQUATE SAFETY MEASURES THROUGHOUT THE PROJECT.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL ADJACENT PROPERTIES.
9. THE CONTRACTOR SHALL MAINTAIN ADEQUATE ACCESS TO ALL ADJACENT PROPERTIES.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL ENVIRONMENTAL FEATURES.

PRIVATE UTILITY LINES SHOWN

ALL PRIVATE UTILITY LINES SHOWN ON THIS PLAN ARE BASED ON RECORD DRAWINGS AND FIELD SURVEY. THE CONTRACTOR SHALL VERIFY THE LOCATION AND DEPTH OF ALL PRIVATE UTILITIES PRIOR TO CONSTRUCTION.

APPROVED

DATE: 11/23/2015

BY: [Signature]

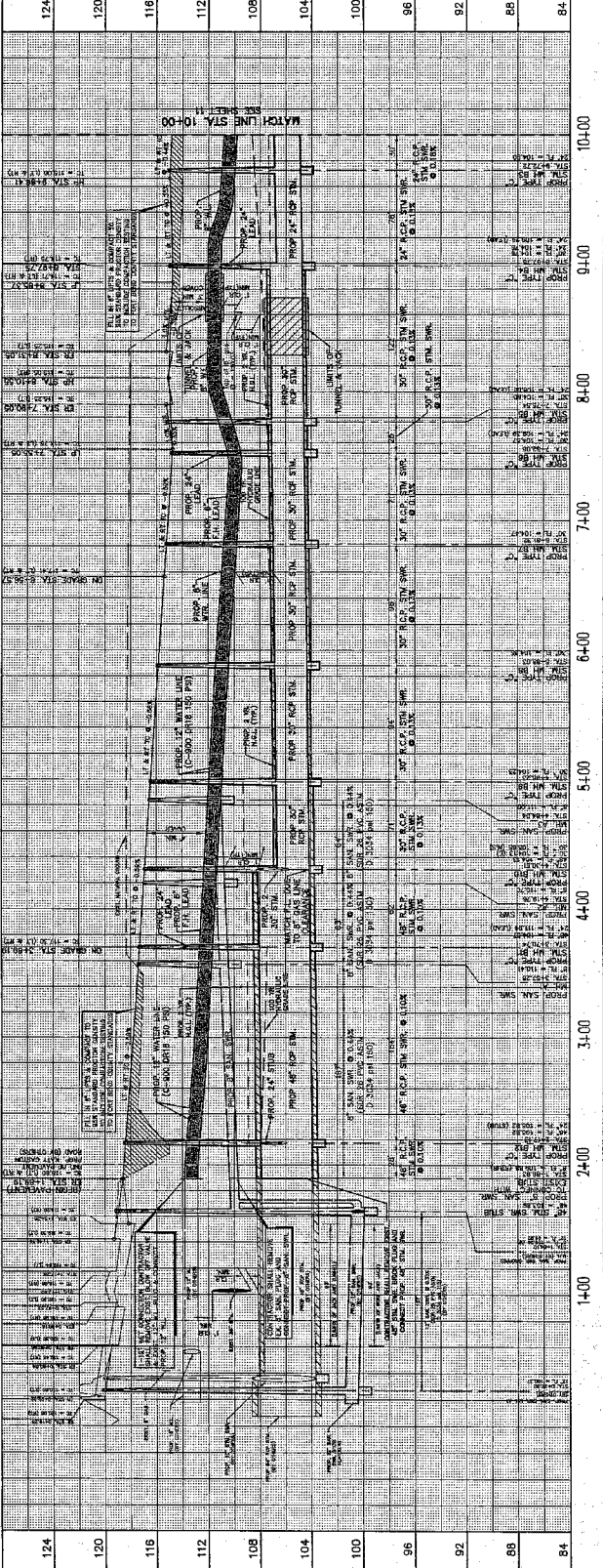
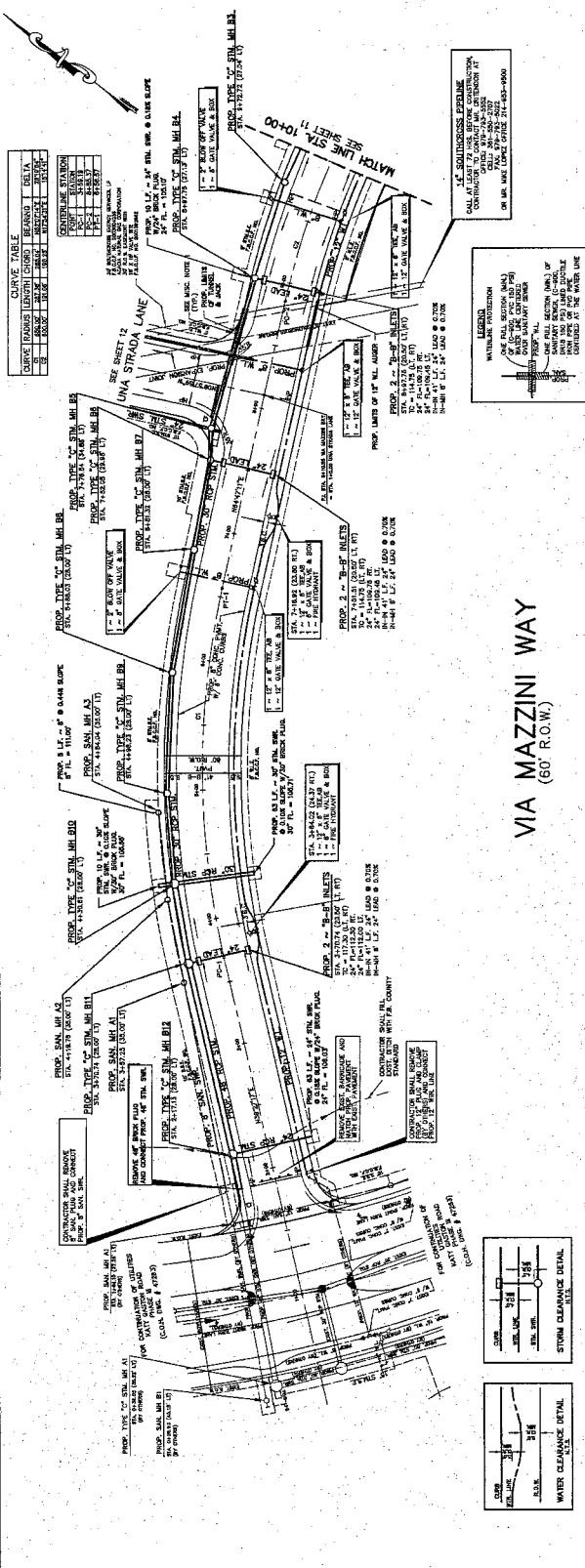
BENEFICIAIRE ENGINEERING CORPORATION

11010 FORT BELLA TERRA ROAD
 FORT BELLA TERRA, TEXAS 77459

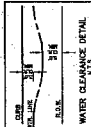
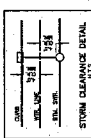
PLAN AND PROFILE
VIA MAZZINI WAY
STA. 11+00 TO 10+00

CITY OF HOUSTON
 DEPARTMENT OF PUBLIC WORKS AND ENGINEERING

FILE NO. _____
DATE _____
SCALE 1"=40'
DATE 11-23-15
NO. 10 of 23



VIA MAZZINI WAY
(60' R.O.W.)



DATE: 11/23/2015
 NO. 10 of 23

REMARKS

1. ALL DIMENSIONS ARE IN FEET AND INCHES UNLESS OTHERWISE NOTED.

2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM THE APPROPRIATE AGENCIES.

3. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ADJACENT PROPERTIES AT ALL TIMES.

4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING UTILITIES AND STRUCTURES.

5. THE CONTRACTOR SHALL MAINTAIN THE EXISTING GRADE AND ELEVATIONS UNLESS OTHERWISE NOTED.

6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION AND RESTORATION OF ALL ENVIRONMENTAL FEATURES.

7. THE CONTRACTOR SHALL MAINTAIN THE EXISTING CURBS AND GUTTERS UNLESS OTHERWISE NOTED.

8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION AND RESTORATION OF ALL EXISTING LANDSCAPE FEATURES.

9. THE CONTRACTOR SHALL MAINTAIN THE EXISTING SIDEWALKS AND BIKEWAYS UNLESS OTHERWISE NOTED.

10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION AND RESTORATION OF ALL EXISTING TRAFFIC SIGNALS AND LIGHTS.

11. THE CONTRACTOR SHALL MAINTAIN THE EXISTING STREET LIGHTS UNLESS OTHERWISE NOTED.

12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION AND RESTORATION OF ALL EXISTING UTILITIES AND STRUCTURES.

13. THE CONTRACTOR SHALL MAINTAIN THE EXISTING GRADE AND ELEVATIONS UNLESS OTHERWISE NOTED.

14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION AND RESTORATION OF ALL ENVIRONMENTAL FEATURES.

15. THE CONTRACTOR SHALL MAINTAIN THE EXISTING CURBS AND GUTTERS UNLESS OTHERWISE NOTED.

16. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION AND RESTORATION OF ALL EXISTING LANDSCAPE FEATURES.

17. THE CONTRACTOR SHALL MAINTAIN THE EXISTING SIDEWALKS AND BIKEWAYS UNLESS OTHERWISE NOTED.

18. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION AND RESTORATION OF ALL EXISTING TRAFFIC SIGNALS AND LIGHTS.

19. THE CONTRACTOR SHALL MAINTAIN THE EXISTING STREET LIGHTS UNLESS OTHERWISE NOTED.

20. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION AND RESTORATION OF ALL EXISTING UTILITIES AND STRUCTURES.

PRIVATE UTILITY LINES SHOWN

AS SHOWN ON THE ATTACHED SHEETS AND AS NOTED ON THE FIELD.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION AND RESTORATION OF ALL EXISTING UTILITIES AND STRUCTURES.

THE CONTRACTOR SHALL MAINTAIN THE EXISTING GRADE AND ELEVATIONS UNLESS OTHERWISE NOTED.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION AND RESTORATION OF ALL ENVIRONMENTAL FEATURES.

THE CONTRACTOR SHALL MAINTAIN THE EXISTING CURBS AND GUTTERS UNLESS OTHERWISE NOTED.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION AND RESTORATION OF ALL EXISTING LANDSCAPE FEATURES.

THE CONTRACTOR SHALL MAINTAIN THE EXISTING SIDEWALKS AND BIKEWAYS UNLESS OTHERWISE NOTED.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION AND RESTORATION OF ALL EXISTING TRAFFIC SIGNALS AND LIGHTS.

THE CONTRACTOR SHALL MAINTAIN THE EXISTING STREET LIGHTS UNLESS OTHERWISE NOTED.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION AND RESTORATION OF ALL EXISTING UTILITIES AND STRUCTURES.

APPROVED FOR THE CITY OF HOUSTON

DEPARTMENT OF PUBLIC WORKS AND ENGINEERING

DATE: 10/15/19

BY: [Signature]

TITLE: [Title]

PROJECT: [Project Name]

LOCATION: [Location]

SCALE: [Scale]

SHEET NO: [Sheet No]

TOTAL SHEETS: [Total Sheets]

PLAN AND PROFILE

VIA MAZZINI WAY

STA. 10+00 TO 20+00

PROJECT NO. [Project No]

DATE: [Date]

BY: [Signature]

TITLE: [Title]

LOCATION: [Location]

SCALE: [Scale]

SHEET NO: [Sheet No]

TOTAL SHEETS: [Total Sheets]

LAKE OF BELLA TERRA

VIA MAZZINI WAY RESERVE SEC 1

FORT BEND COUNTY, TEXAS

PROJECT NO. [Project No]

DATE: [Date]

BY: [Signature]

TITLE: [Title]

LOCATION: [Location]

SCALE: [Scale]

SHEET NO: [Sheet No]

TOTAL SHEETS: [Total Sheets]

CITY OF HOUSTON

DEPARTMENT OF PUBLIC WORKS AND ENGINEERING

DATE: 10/15/19

BY: [Signature]

TITLE: [Title]

LOCATION: [Location]

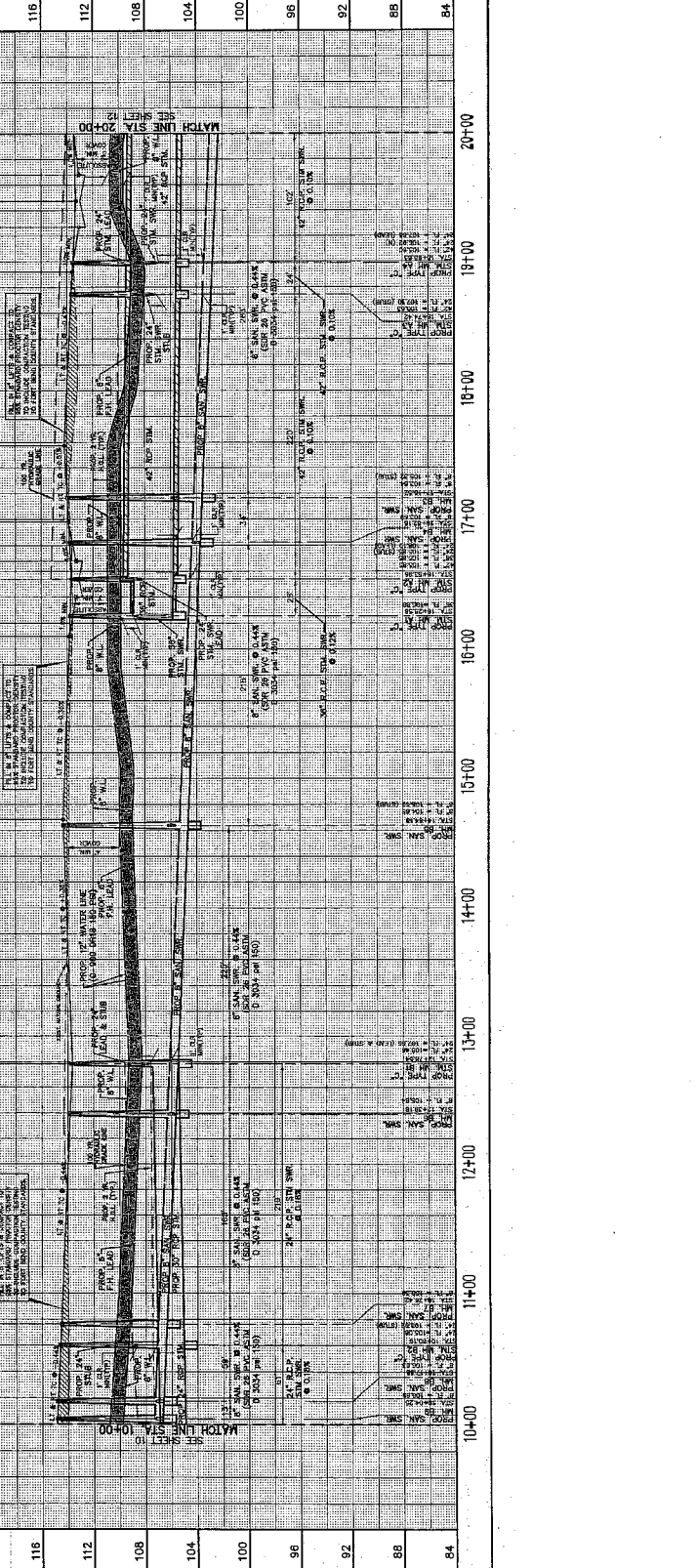
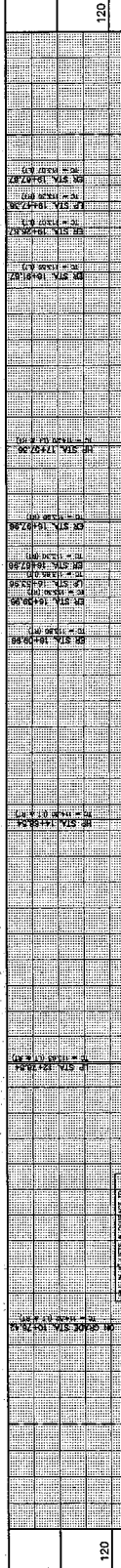
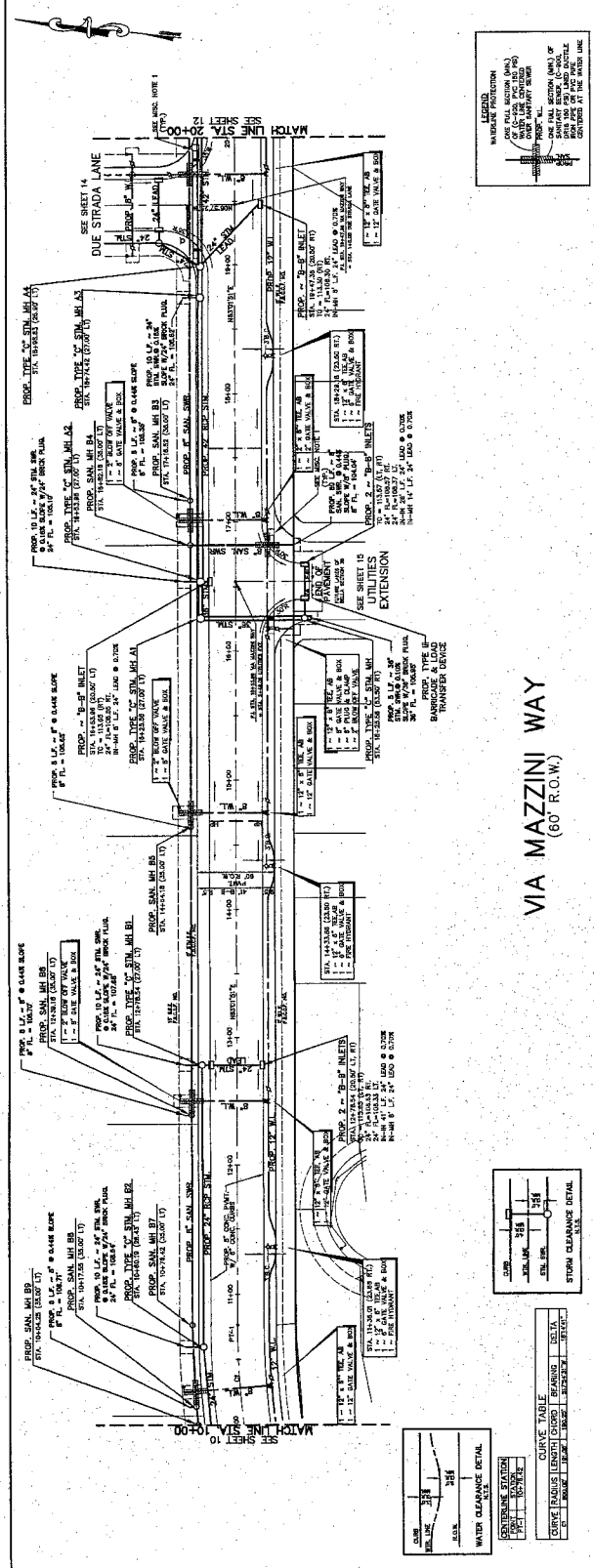
SCALE: [Scale]

SHEET NO: [Sheet No]

TOTAL SHEETS: [Total Sheets]

REVISIONS

NO.	DESCRIPTION	DATE
1	ISSUED FOR PERMIT	10/15/19
2	REVISED PER CITY ENGINEERING	10/15/19
3	REVISED PER FIELD NOTES	10/15/19
4	REVISED PER FIELD NOTES	10/15/19
5	REVISED PER FIELD NOTES	10/15/19
6	REVISED PER FIELD NOTES	10/15/19
7	REVISED PER FIELD NOTES	10/15/19
8	REVISED PER FIELD NOTES	10/15/19
9	REVISED PER FIELD NOTES	10/15/19
10	REVISED PER FIELD NOTES	10/15/19



REVISIONS

NO.	DESCRIPTION	DATE
1	ISSUED FOR PERMIT	10/15/19
2	REVISED PER CITY ENGINEERING	10/15/19
3	REVISED PER FIELD NOTES	10/15/19
4	REVISED PER FIELD NOTES	10/15/19
5	REVISED PER FIELD NOTES	10/15/19
6	REVISED PER FIELD NOTES	10/15/19
7	REVISED PER FIELD NOTES	10/15/19
8	REVISED PER FIELD NOTES	10/15/19
9	REVISED PER FIELD NOTES	10/15/19
10	REVISED PER FIELD NOTES	10/15/19

LAKE OF BELLA TERRA

VIA MAZZINI WAY RESERVE SEC 1

FORT BEND COUNTY, TEXAS

PROJECT NO. [Project No]

DATE: [Date]

BY: [Signature]

TITLE: [Title]

LOCATION: [Location]

SCALE: [Scale]

SHEET NO: [Sheet No]

TOTAL SHEETS: [Total Sheets]

CITY OF HOUSTON

DEPARTMENT OF PUBLIC WORKS AND ENGINEERING

DATE: 10/15/19

BY: [Signature]

TITLE: [Title]

LOCATION: [Location]

SCALE: [Scale]

SHEET NO: [Sheet No]

TOTAL SHEETS: [Total Sheets]

BENCHMARKS

THESE BENCHMARKS ARE THE PROPERTY OF THE CITY OF HOUSTON AND ARE TO BE KEPT IN PLACE AT ALL TIMES. ANY CHANGES TO THESE BENCHMARKS SHALL BE APPROVED BY THE CITY ENGINEER. THE USER SHALL BE RESPONSIBLE FOR VERIFYING THE ACCURACY OF THESE BENCHMARKS AT ALL TIMES.

DATE: 11/18/19

BY: [Signature]

FOR: [Signature]

APPROVED: [Signature]

DATE: 11/18/19

BY: [Signature]

FOR: [Signature]

APPROVED: [Signature]

DATE: 11/18/19

BY: [Signature]

FOR: [Signature]

APPROVED: [Signature]

PRIVATE UTILITY LINES SHOWN

EXISTING PRIVATE UTILITY LINES SHOWN FOR INFORMATION ONLY. THE USER SHALL BE RESPONSIBLE FOR VERIFYING THE ACCURACY OF THESE LINES AT ALL TIMES.

DATE: 11/18/19

BY: [Signature]

FOR: [Signature]

APPROVED: [Signature]

PLAN AND PROFILE

VIA MAZZINI WAY

STA. 20+00 TO 30+00

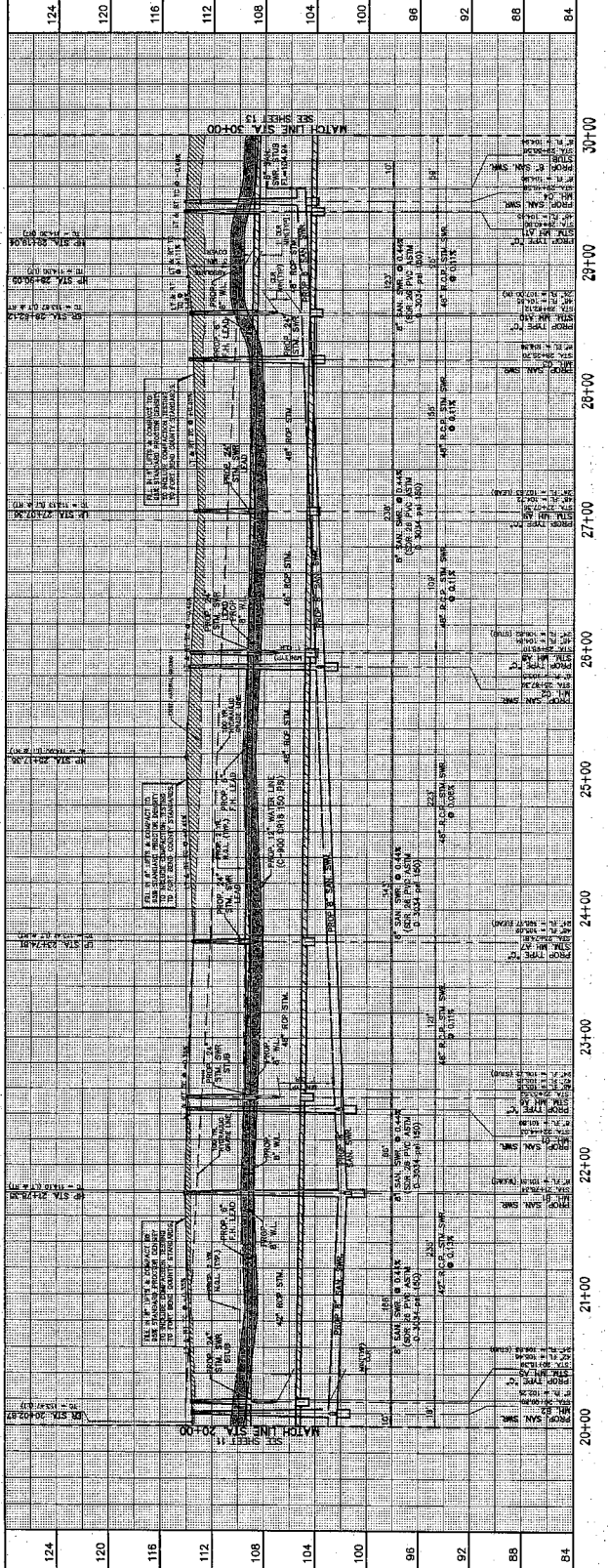
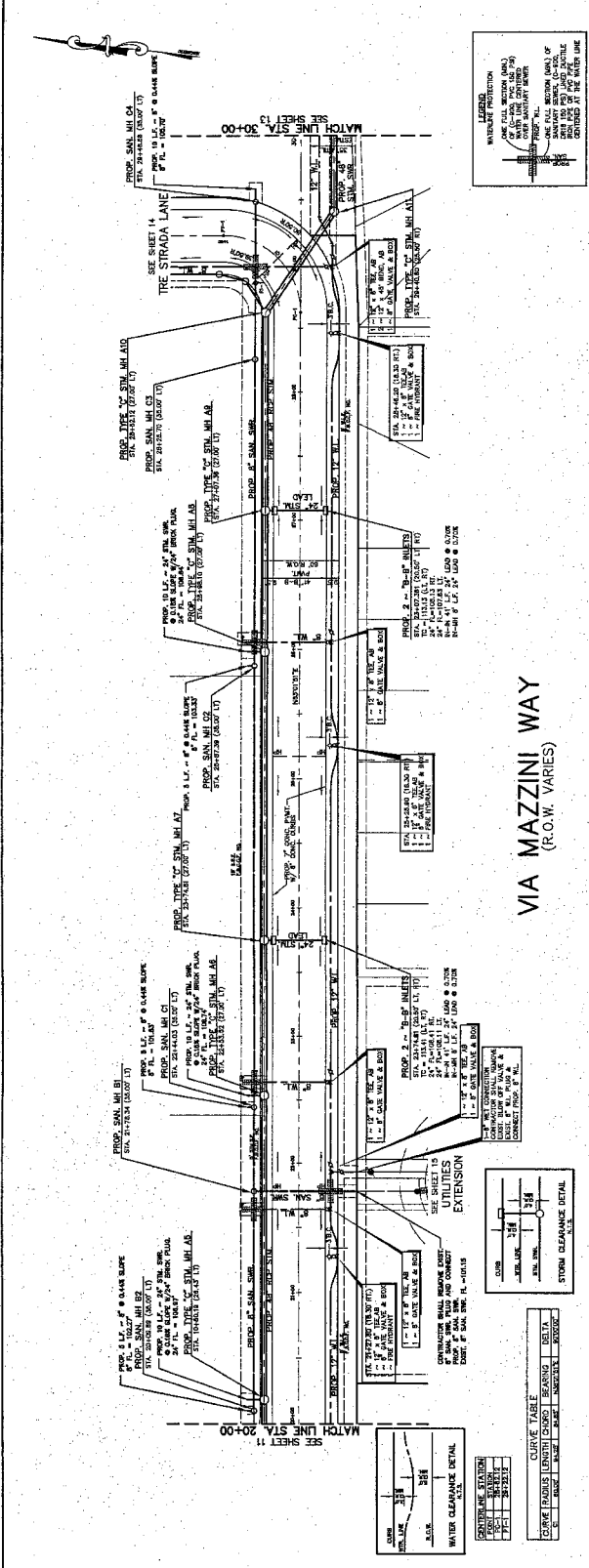
PLAN AND PROFILE OF VIA MAZZINI WAY FROM STA. 20+00 TO STA. 30+00. THE PROFILE SHOWS THE EXISTING AND PROPOSED GRADES OF THE ROADWAY AND THE PROPOSED GRADES OF THE ADJACENT PROPERTIES. THE PLAN SHOWS THE PROPOSED ALIGNMENT OF THE ROADWAY AND THE PROPOSED GRADES OF THE ADJACENT PROPERTIES.

DATE: 11/18/19

BY: [Signature]

FOR: [Signature]

APPROVED: [Signature]



WATER CLEARANCE DETAIL

DATE: 11/18/19

BY: [Signature]

FOR: [Signature]

APPROVED: [Signature]

STORM CLEARANCE DETAIL

DATE: 11/18/19

BY: [Signature]

FOR: [Signature]

APPROVED: [Signature]

CURVE TABLE

STATION	CHORD BEARING	CHORD LENGTH	DELTA
20+00	113.50°	113.50	113.50
21+00	113.50°	113.50	113.50
22+00	113.50°	113.50	113.50
23+00	113.50°	113.50	113.50
24+00	113.50°	113.50	113.50
25+00	113.50°	113.50	113.50
26+00	113.50°	113.50	113.50
27+00	113.50°	113.50	113.50
28+00	113.50°	113.50	113.50
29+00	113.50°	113.50	113.50
30+00	113.50°	113.50	113.50

WATER CLEARANCE DETAIL

DATE: 11/18/19

BY: [Signature]

FOR: [Signature]

APPROVED: [Signature]

STORM CLEARANCE DETAIL

DATE: 11/18/19

BY: [Signature]

FOR: [Signature]

APPROVED: [Signature]

WATER CLEARANCE DETAIL

DATE: 11/18/19

BY: [Signature]

FOR: [Signature]

APPROVED: [Signature]

STORM CLEARANCE DETAIL

DATE: 11/18/19

BY: [Signature]

FOR: [Signature]

APPROVED: [Signature]

CURVE TABLE

STATION	CHORD BEARING	CHORD LENGTH	DELTA
20+00	113.50°	113.50	113.50
21+00	113.50°	113.50	113.50
22+00	113.50°	113.50	113.50
23+00	113.50°	113.50	113.50
24+00	113.50°	113.50	113.50
25+00	113.50°	113.50	113.50
26+00	113.50°	113.50	113.50
27+00	113.50°	113.50	113.50
28+00	113.50°	113.50	113.50
29+00	113.50°	113.50	113.50
30+00	113.50°	113.50	113.50

WATER CLEARANCE DETAIL

DATE: 11/18/19

BY: [Signature]

FOR: [Signature]

APPROVED: [Signature]

STORM CLEARANCE DETAIL

DATE: 11/18/19

BY: [Signature]

FOR: [Signature]

APPROVED: [Signature]

REMARKS:
 1. ALL DIMENSIONS ARE IN FEET AND INCHES UNLESS NOTED.
 2. THE SURVEY WAS MADE BY THE ENGINEER FOR THE CITY OF HOUSTON.
 3. THE SURVEY WAS MADE BY THE ENGINEER FOR THE CITY OF HOUSTON.
 4. THE SURVEY WAS MADE BY THE ENGINEER FOR THE CITY OF HOUSTON.
 5. THE SURVEY WAS MADE BY THE ENGINEER FOR THE CITY OF HOUSTON.
 6. THE SURVEY WAS MADE BY THE ENGINEER FOR THE CITY OF HOUSTON.
 7. THE SURVEY WAS MADE BY THE ENGINEER FOR THE CITY OF HOUSTON.
 8. THE SURVEY WAS MADE BY THE ENGINEER FOR THE CITY OF HOUSTON.
 9. THE SURVEY WAS MADE BY THE ENGINEER FOR THE CITY OF HOUSTON.
 10. THE SURVEY WAS MADE BY THE ENGINEER FOR THE CITY OF HOUSTON.

PRIVATE UTILITY LINES SHOWN
 EXISTING UTILITIES ARE SHOWN AS DASHED LINES.
 PROPOSED UTILITIES ARE SHOWN AS SOLID LINES.
 ALL UTILITIES ARE TO BE DEEPENED TO A MINIMUM OF 48" BELOW FINISHED GRADE.
 ALL UTILITIES ARE TO BE COVERED WITH 18" OF CONCRETE OR EQUIVALENT.
 ALL UTILITIES ARE TO BE PROTECTED BY A 24" DIAMETER RIGID PIPE.

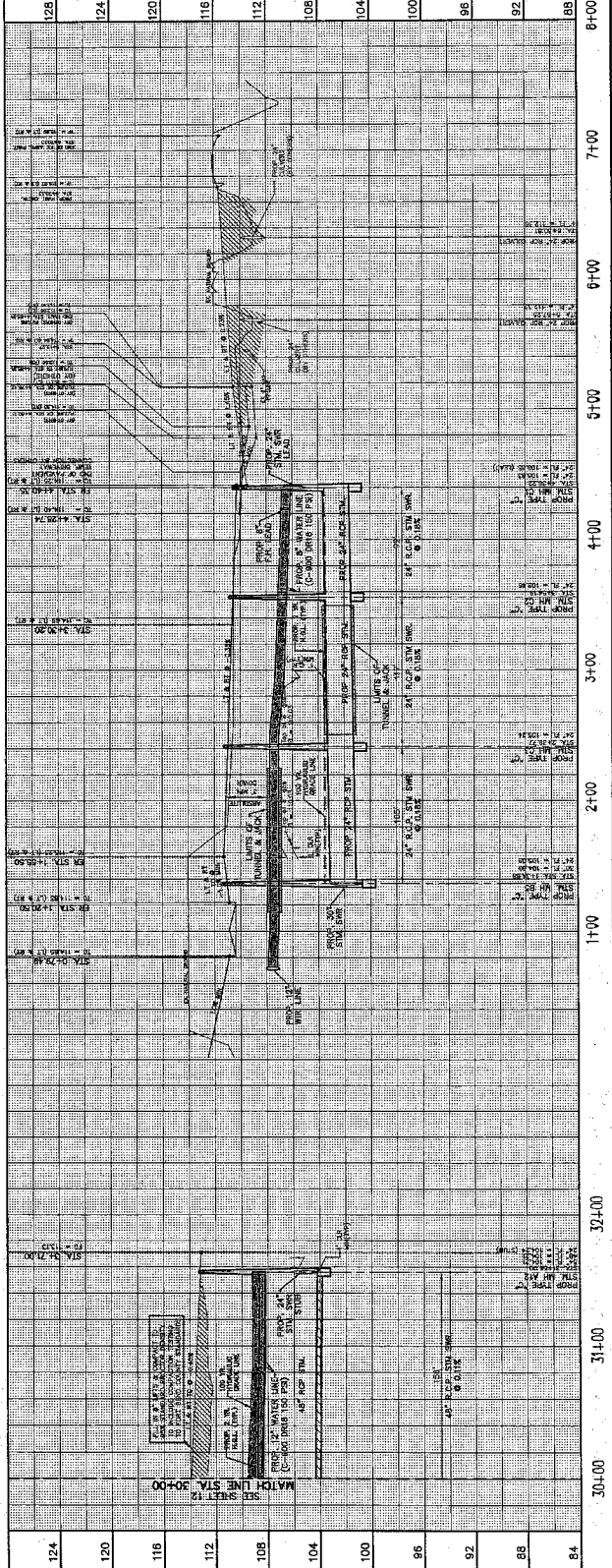
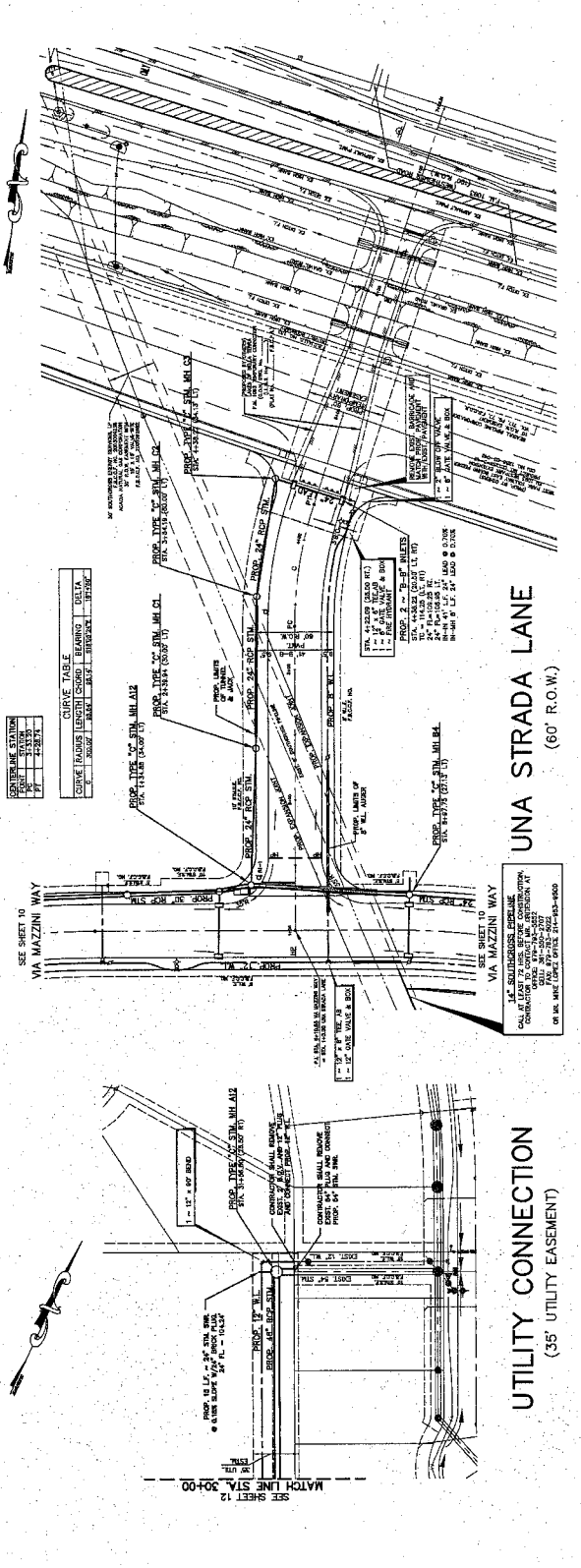
DATE: _____
BY: _____
CHECKED BY: _____
APPROVED BY: _____

TECHNICAL STAMP:
 CITY OF HOUSTON
 DEPARTMENT OF PUBLIC WORKS
 ENGINEER
 DATE: _____

PLAN AND PROFILE
 UTILITIES FROM STRADA LANE
 TO MAZZINI WAY
 STA. 0+00 TO 8+00

CITY OF HOUSTON
 DEPARTMENT OF PUBLIC WORKS
 ENGINEER
 DATE: _____

SCALE: 1" = 40'
DATE: _____
BY: _____
CHECKED BY: _____
APPROVED BY: _____



124	120	116	112	108	104	100	96	92	88	84
30+00	31+00	32+00	33+00	34+00	35+00	36+00	37+00	38+00	39+00	40+00

REVISIONS:

NO.	DESCRIPTION
1	ISSUED FOR PERMIT
2	REVISED PER COMMENTS
3	REVISED PER COMMENTS
4	REVISED PER COMMENTS
5	REVISED PER COMMENTS
6	REVISED PER COMMENTS
7	REVISED PER COMMENTS
8	REVISED PER COMMENTS
9	REVISED PER COMMENTS
10	REVISED PER COMMENTS

REVISIONS

NO.	DESCRIPTION
1	AS SHOWN

NOTES

- CONTRACTOR SHALL VERIFY ALL UTILITIES AND LOCATIONS BEFORE CONSTRUCTION.
- CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ADJACENT PROPERTIES AT ALL TIMES.
- CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS.
- CONTRACTOR SHALL MAINTAIN PROPER EROSION CONTROL MEASURES THROUGHOUT CONSTRUCTION.
- CONTRACTOR SHALL PROTECT ALL EXISTING UTILITIES AND STRUCTURES.
- CONTRACTOR SHALL MAINTAIN PROPER RECORD DRAWINGS AND AS-BUILT DRAWINGS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS.
- CONTRACTOR SHALL MAINTAIN PROPER EROSION CONTROL MEASURES THROUGHOUT CONSTRUCTION.
- CONTRACTOR SHALL PROTECT ALL EXISTING UTILITIES AND STRUCTURES.
- CONTRACTOR SHALL MAINTAIN PROPER RECORD DRAWINGS AND AS-BUILT DRAWINGS.

DATE _____
SCALE _____
PROJECT _____

APPROVED

 PROJECT ENGINEER

APPROVED

 CITY ENGINEER

APPROVED

 DISTRICT ENGINEER

APPROVED

 COUNTY ENGINEER

APPROVED

 STATE ENGINEER

APPROVED

 FEDERAL ENGINEER

APPROVED

 LOCAL ENGINEER

APPROVED

 ADJUTANT GENERAL

APPROVED

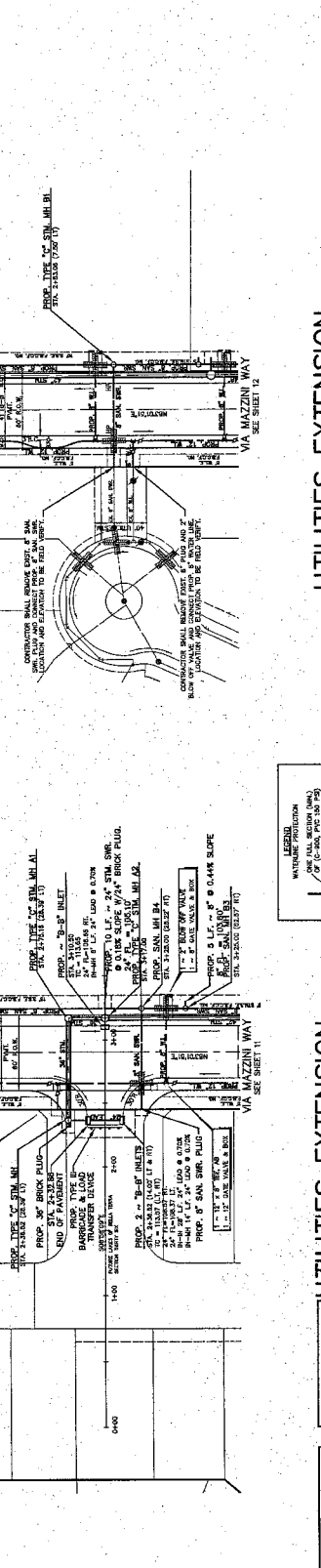
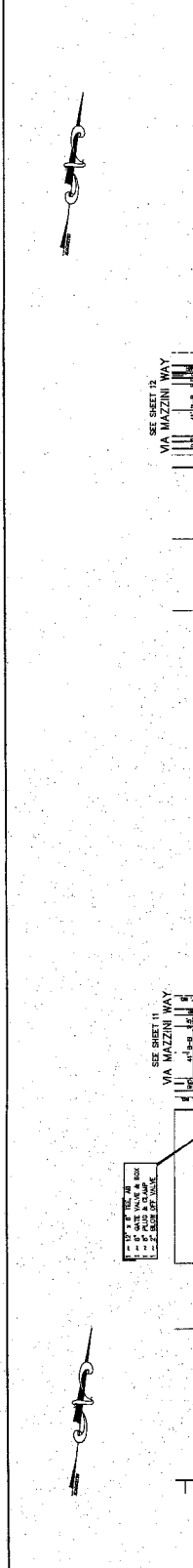
 CHIEF OF POLICE

APPROVED

 CLERK OF COURTS

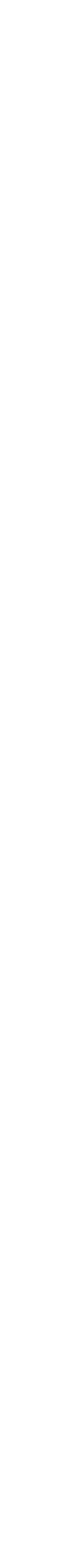
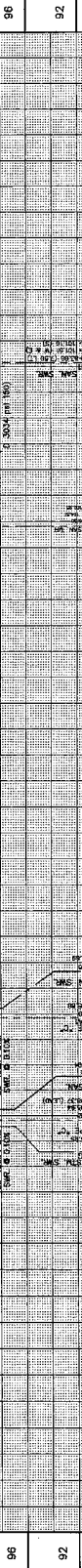
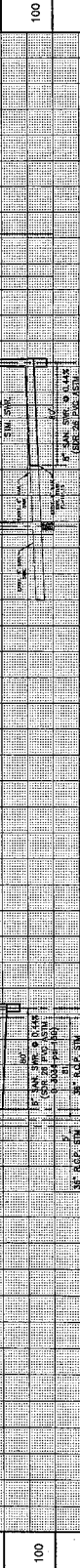
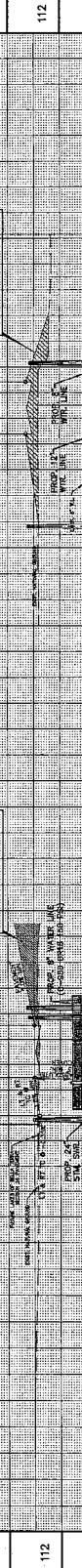
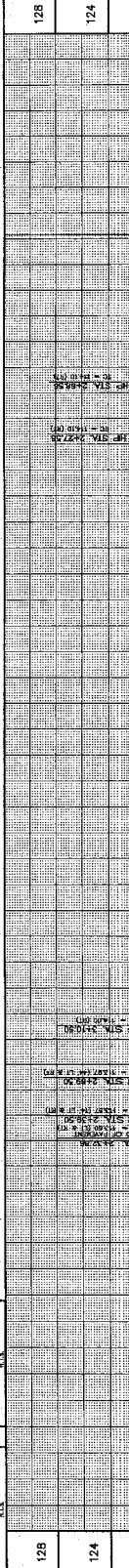
APPROVED

 DEPUTY CLERK OF COURTS



UTILITIES EXTENSION TO FUTURE LAKES OF BELLA TERRA SECTION THIRTY SIX (60' R.O.W.)

UTILITIES EXTENSION TO EXISTING LAKES OF BELLA TERRA SECTION THIRTY THREE (40' ESMT.)



SECTION MARKS

128
124
120
116
112
108
104
100
96
92
88

UTILITIES EXTENSION TO FUTURE LAKES OF BELLA TERRA SECTION THIRTY SIX (60' R.O.W.)

UTILITIES EXTENSION TO EXISTING LAKES OF BELLA TERRA SECTION THIRTY THREE (40' ESMT.)

UTILITIES EXTENSION TO FUTURE LAKES OF BELLA TERRA SECTION THIRTY SIX (60' R.O.W.)

UTILITIES EXTENSION TO EXISTING LAKES OF BELLA TERRA SECTION THIRTY THREE (40' ESMT.)

UTILITIES EXTENSION TO FUTURE LAKES OF BELLA TERRA SECTION THIRTY SIX (60' R.O.W.)

UTILITIES EXTENSION TO EXISTING LAKES OF BELLA TERRA SECTION THIRTY THREE (40' ESMT.)

UTILITIES EXTENSION TO FUTURE LAKES OF BELLA TERRA SECTION THIRTY SIX (60' R.O.W.)

UTILITIES EXTENSION TO EXISTING LAKES OF BELLA TERRA SECTION THIRTY THREE (40' ESMT.)

UTILITIES EXTENSION TO FUTURE LAKES OF BELLA TERRA SECTION THIRTY SIX (60' R.O.W.)

UTILITIES EXTENSION TO EXISTING LAKES OF BELLA TERRA SECTION THIRTY THREE (40' ESMT.)

UTILITIES EXTENSION TO FUTURE LAKES OF BELLA TERRA SECTION THIRTY SIX (60' R.O.W.)

UTILITIES EXTENSION TO EXISTING LAKES OF BELLA TERRA SECTION THIRTY THREE (40' ESMT.)

UTILITIES EXTENSION TO FUTURE LAKES OF BELLA TERRA SECTION THIRTY SIX (60' R.O.W.)

UTILITIES EXTENSION TO EXISTING LAKES OF BELLA TERRA SECTION THIRTY THREE (40' ESMT.)

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UTILITIES EXTENSION TO EXISTING LAKES OF BELLA TERRA SECTION THIRTY THREE (40' ESMT.)

UTILITIES EXTENSION TO FUTURE LAKES OF BELLA TERRA SECTION THIRTY SIX (60' R.O.W.)

UTILITIES EXTENSION TO EXISTING LAKES OF BELLA TERRA SECTION THIRTY THREE (40' ESMT.)

UTILITIES EXTENSION TO FUTURE LAKES OF BELLA TERRA SECTION THIRTY SIX (60' R.O.W.)

UTILITIES EXTENSION TO EXISTING LAKES OF BELLA TERRA SECTION THIRTY THREE (40' ESMT.)

UTILITIES EXTENSION TO FUTURE LAKES OF BELLA TERRA SECTION THIRTY SIX (60' R.O.W.)

UTILITIES EXTENSION TO EXISTING LAKES OF BELLA TERRA SECTION THIRTY THREE (40' ESMT.)

UTILITIES EXTENSION TO FUTURE LAKES OF BELLA TERRA SECTION THIRTY SIX (60' R.O.W.)

UTILITIES EXTENSION TO EXISTING LAKES OF BELLA TERRA SECTION THIRTY THREE (40' ESMT.)

UTILITIES EXTENSION TO FUTURE LAKES OF BELLA TERRA SECTION THIRTY SIX (60' R.O.W.)

UTILITIES EXTENSION TO EXISTING LAKES OF BELLA TERRA SECTION THIRTY THREE (40' ESMT.)

GENERAL CONSTRUCTION NOTES

- 1. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL AFFECTED AGENCIES AND AGENCIES OF THE CITY OF HOUSTON.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL AFFECTED AGENCIES AND AGENCIES OF THE CITY OF HOUSTON.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL AFFECTED AGENCIES AND AGENCIES OF THE CITY OF HOUSTON.

SAFETY NOTES

- 1. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL AFFECTED AGENCIES AND AGENCIES OF THE CITY OF HOUSTON.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL AFFECTED AGENCIES AND AGENCIES OF THE CITY OF HOUSTON.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL AFFECTED AGENCIES AND AGENCIES OF THE CITY OF HOUSTON.

TRAFFIC CONTROL NOTES

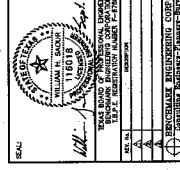
- 1. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL AFFECTED AGENCIES AND AGENCIES OF THE CITY OF HOUSTON.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL AFFECTED AGENCIES AND AGENCIES OF THE CITY OF HOUSTON.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL AFFECTED AGENCIES AND AGENCIES OF THE CITY OF HOUSTON.

WATER CONSTRUCTION NOTES

- 1. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL AFFECTED AGENCIES AND AGENCIES OF THE CITY OF HOUSTON.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL AFFECTED AGENCIES AND AGENCIES OF THE CITY OF HOUSTON.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL AFFECTED AGENCIES AND AGENCIES OF THE CITY OF HOUSTON.

PRIVATE UTILITY NOTES

- 1. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL AFFECTED AGENCIES AND AGENCIES OF THE CITY OF HOUSTON.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL AFFECTED AGENCIES AND AGENCIES OF THE CITY OF HOUSTON.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL AFFECTED AGENCIES AND AGENCIES OF THE CITY OF HOUSTON.



APPROVED: THE ENGINEER/ARCHITECT
DATE: 10/21/2011
PROJECT: STANDARD CONSTRUCTION NOTES & DETAIL SHEET

STANDARD CONSTRUCTION NOTES & DETAIL SHEET
LAKES OF BELLA TERRA
VA WAZZINI WAY BISSING SEC 1
FORT BEND COUNTY, TEXAS

Form with fields for SHEET NO. (6 of 23), DATE (10/21/2011), and other project details.



TITLE: STANDARD WATER LINE DETAILS
 PROJECT: LAKES OF BELLA TERRA
 CLIENT: THE DEVELOPER
 DATE: _____
 APPROVED: THE DEVELOPER'S REPRESENTATIVE
 CITY OF HOUSTON
 DEPARTMENT OF PUBLIC WORKS

DRAWN BY: _____
 CHECKED BY: _____
 IN CHARGE: _____
 DATE: _____
 CITY OF HOUSTON
 DEPARTMENT OF PUBLIC WORKS

SHEET NO. 7 of 23
 PROJECT NO. _____
 DRAWING NO. _____
 DATE: _____
 CITY OF HOUSTON
 DEPARTMENT OF PUBLIC WORKS

LAKES OF BELLA TERRA
 WATER RESERVE NO. 1
 FORT BEND COUNTY, TEXAS
 STANDARD WATER LINE DETAILS

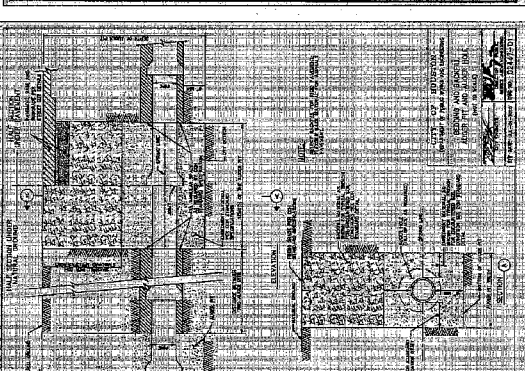
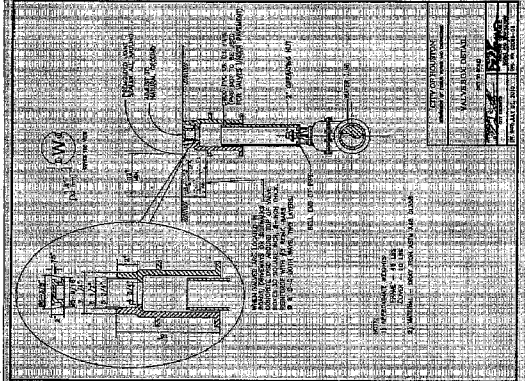
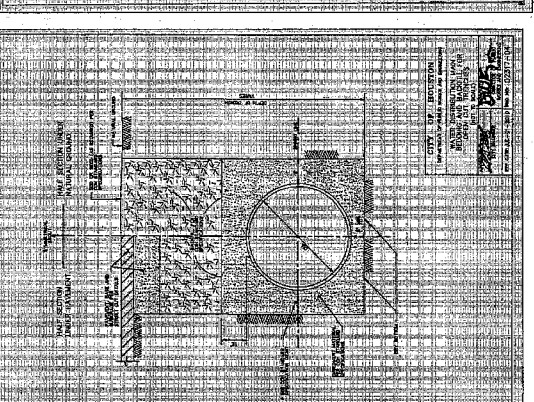
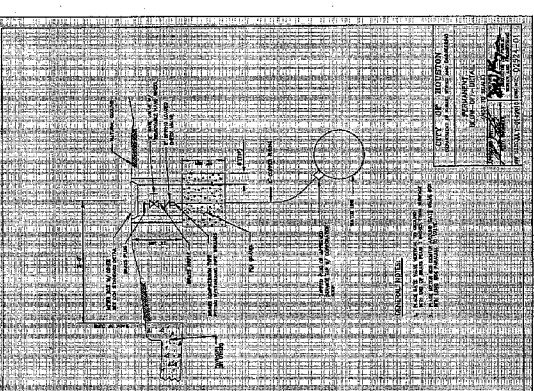
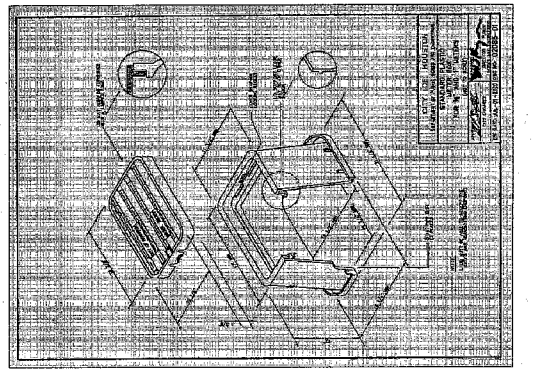
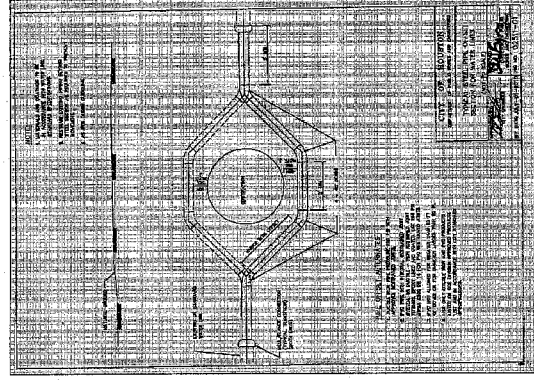
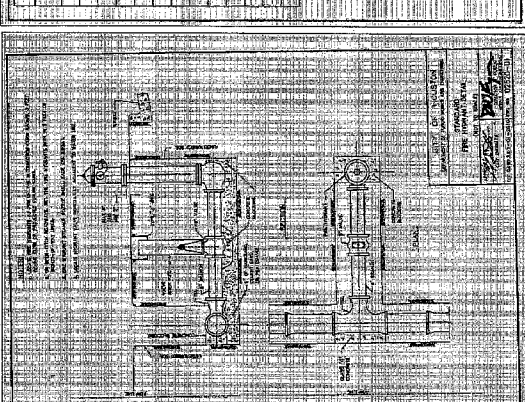
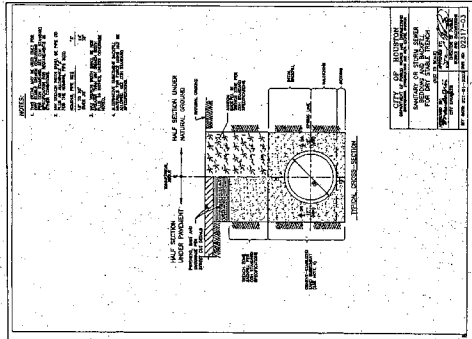


TABLE 1 - PIPE SCHEDULE

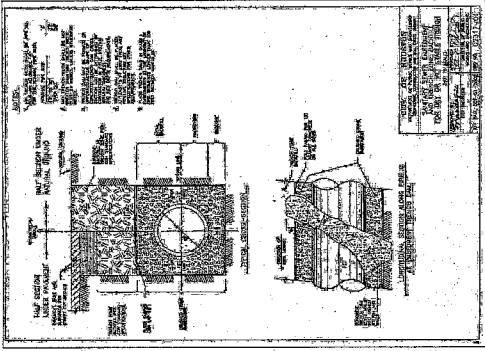
PIPE SIZE	WALL THICKNESS	ALLOWED STRESS	ALLOWED DEFLECTION	ALLOWED SETTLEMENT
12" DIA.	0.375"	15,000 PSI	0.0015"	0.015"
10" DIA.	0.3125"	15,000 PSI	0.00125"	0.0125"
8" DIA.	0.25"	15,000 PSI	0.001"	0.01"
6" DIA.	0.1875"	15,000 PSI	0.00075"	0.0075"
4" DIA.	0.125"	15,000 PSI	0.0005"	0.005"

NOTES:
 1. ALL PIPES SHALL BE INSTALLED IN ACCORDANCE WITH THE LATEST EDITION OF THE M.P.W. SPECIFICATIONS.
 2. ALL PIPES SHALL BE INSTALLED IN ACCORDANCE WITH THE LATEST EDITION OF THE M.P.W. SPECIFICATIONS.
 3. ALL PIPES SHALL BE INSTALLED IN ACCORDANCE WITH THE LATEST EDITION OF THE M.P.W. SPECIFICATIONS.

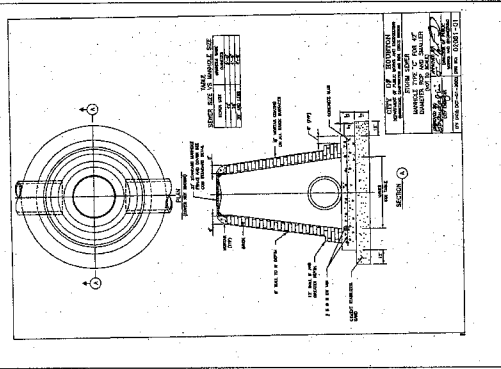




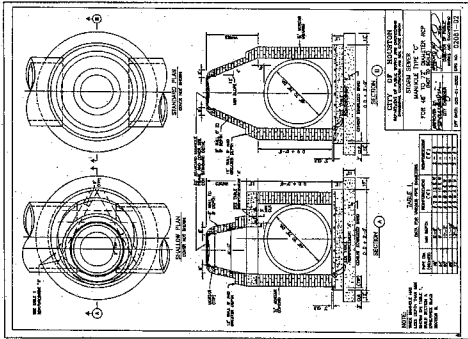
**SANITARY OR STORM SEWER
BEDDING AND BACKFILL FOR DRY STABLE TRENCH**
 DATE: OCT-01-2003
 SHEET NO. 10337-10



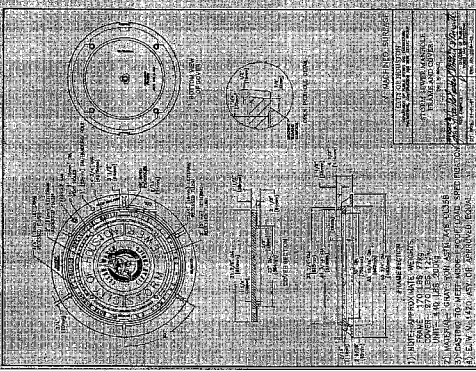
**STORM SEWER EMBEDMENT
AND TRENCH ZONE BACKFILL
FOR DRY OR WET STABLE TRENCH**
 DATE: OCT-01-02
 SHEET NO. 10337-02



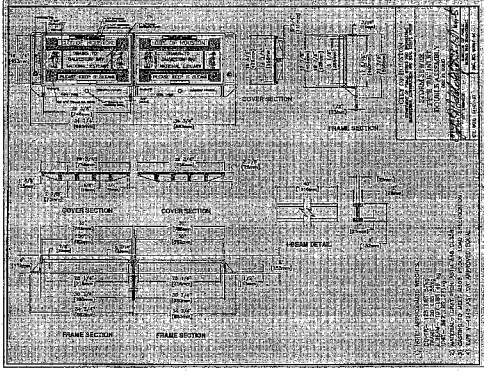
**STORM SEWER MANHOLE TYPE "C"
FOR 42" DIAMETER RCP AND SMALLER**
 DATE: 08-20-02



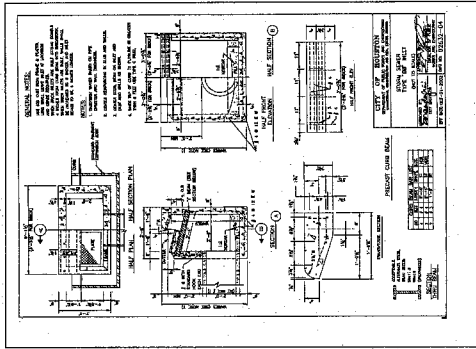
**STORM SEWER MANHOLE TYPE "C"
FOR 48" TO 72" DIAMETER RCP**
 DATE: 08-21-02
 SHEET NO. 10337-02



30" MANHOLE FRAME AND COVER
 DATE: 08-21-02
 SHEET NO. 10337-02



STORM SEWER TYPE "BB" INLET DOUBLE ASSEMBLY
 DATE: 08-21-02
 SHEET NO. 10337-02



STORM SEWER TYPE "BB" INLET
 DATE: 08-21-02
 SHEET NO. 10337-02

TEXAS BOARD OF PROFESSIONAL ENGINEERS
 STATE OF TEXAS
 WILLIAM L. SKIDMORE
 LICENSE NO. 18819
 EXPIRES 08/23/05

**STANDARD STORM SEWER
DETAILS SHEET**

DATE: 08-21-02
 SHEET NO. 10337-02

PROJECT: LAKES OF BELLA TERRA
 VIA MAZZINI WAY RESERVE SEC 1
 FORT BEND COUNTY, TEXAS

DESIGNED BY: [Name]
 CHECKED BY: [Name]
 APPROVED BY: [Name]

APPROVED FOR THE CITY OF HOUSTON
 CITY ENGINEER: [Name]

APPROVED FOR THE STATE OF TEXAS
 STATE ENGINEER: [Name]

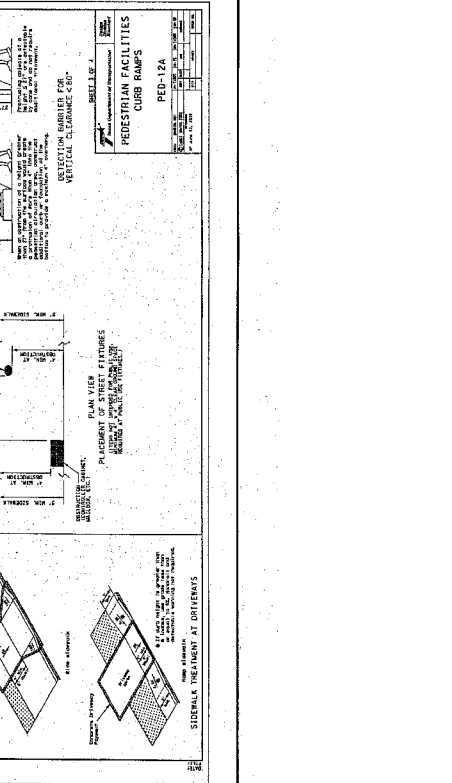
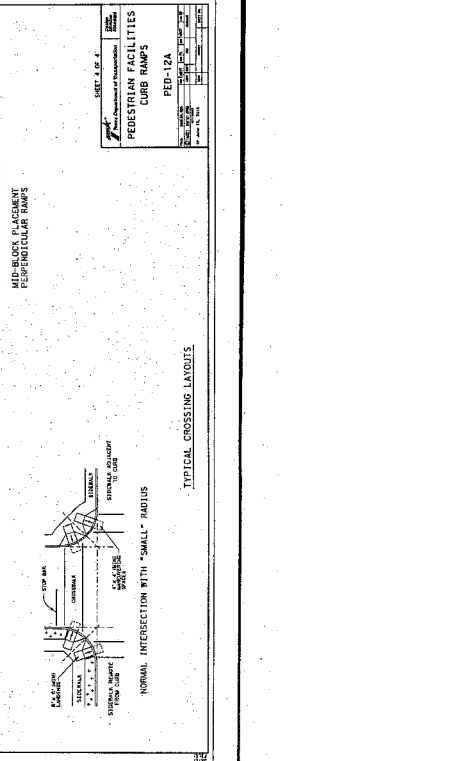
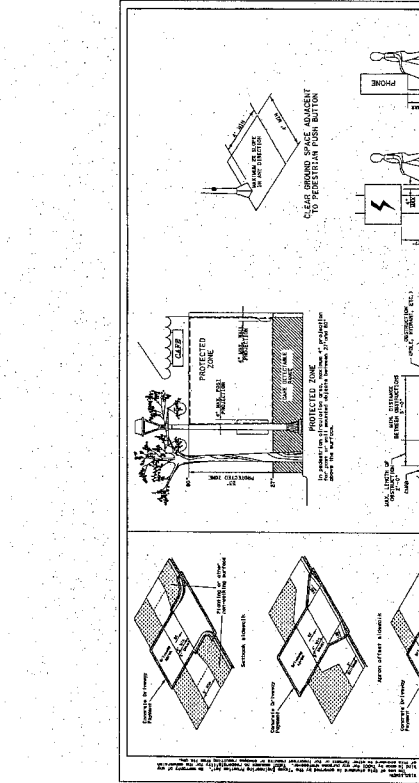
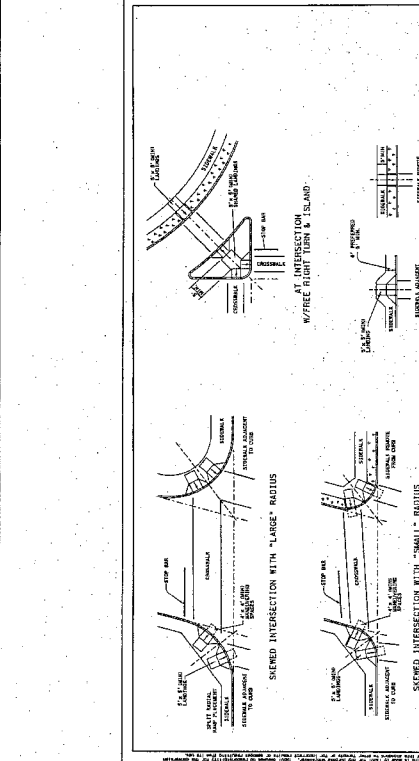
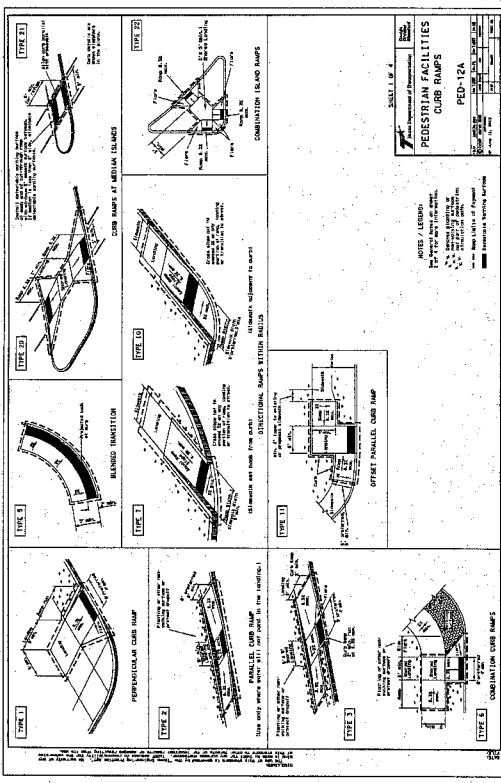
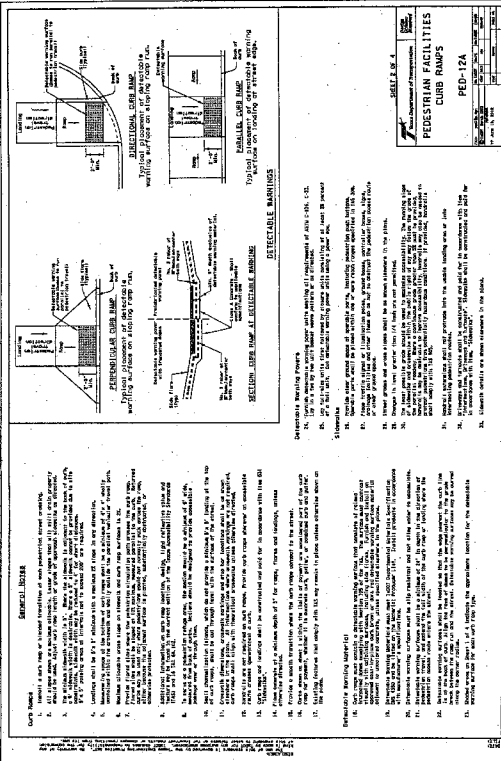
APPROVED FOR THE COUNTY OF FORT BEND
 COUNTY ENGINEER: [Name]

APPROVED FOR THE CITY OF HOUSTON
 CITY ENGINEER: [Name]

APPROVED FOR THE STATE OF TEXAS
 STATE ENGINEER: [Name]

APPROVED FOR THE COUNTY OF FORT BEND
 COUNTY ENGINEER: [Name]

DATE: 08-21-02
 SHEET NO. 10337-02



PEDESTRIAN FACILITIES
 CUB RAMP
 PED-12A

SHEET 2 OF 2
 PROJECT NO. 16018
 DATE: 11/11/11

TEXAS BOARD OF PROFESSIONAL ENGINEERS
 STATE OF TEXAS
 LICENSE NO. 16018

LAKES OF BELLA TERRA
 VIA MAZZINI WAY RESERVE SEC 1
 FORT BEND COUNTY, TEXAS

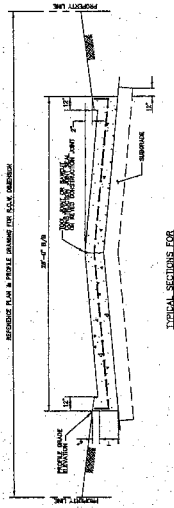
PEDESTRIAN FACILITIES
 DETAILS

CITY OF HOUSTON
 DEPARTMENT OF PUBLIC WORKS AND OPERATIONS

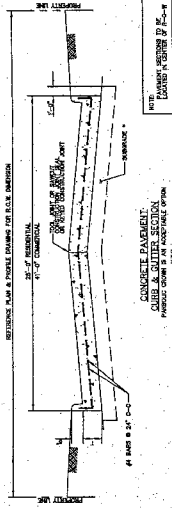
APPROVED FOR THE CITY OF HOUSTON
 APPROVED FOR THE BOARD OF PROFESSIONAL ENGINEERS

SHEET 2 OF 2
 PROJECT NO. 16018

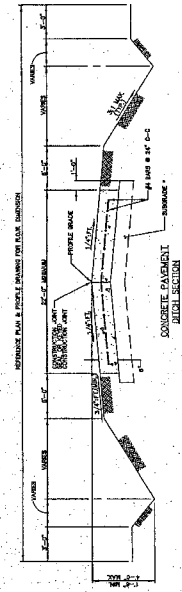
LAKES OF BELLA TERRA
 VIA MAZZINI WAY
 FORT BEND COUNTY, TEXAS



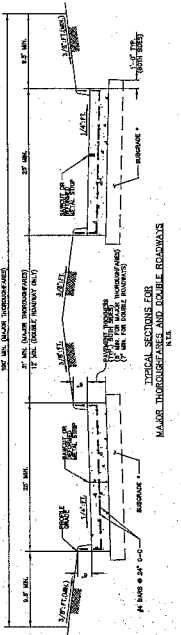
TYPICAL SECTION FOR RESIDENTIAL STREET



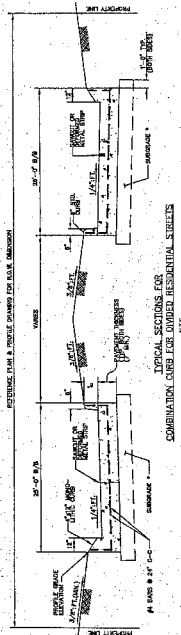
TYPICAL SECTION FOR RESIDENTIAL STREET



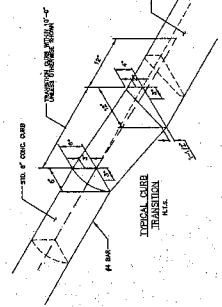
TYPICAL SECTION FOR RESIDENTIAL STREET



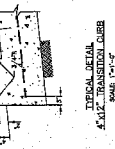
TYPICAL SECTION FOR MAJOR THOROUGHFARES AND DOUBLE ROADWAYS



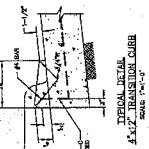
TYPICAL SECTION FOR COMBINATION CURB FOR ADJACENT RESIDENTIAL STREETS



TYPICAL CURB AND GUTTER TRANSITION

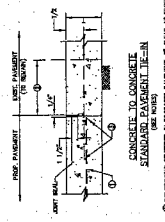


TYPICAL CURB AND GUTTER TRANSITION

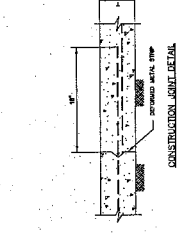


TYPICAL CURB AND GUTTER TRANSITION

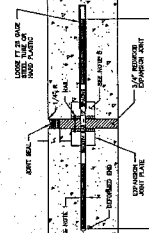
1. ALL MONUMENTIC AND TRANSITION CURB AND GUTTER SHALL BE CONSTRUCTED WITH 4" MINIMUM THICKNESS OF CONCRETE. REINFORCEMENT SHALL BE 1/2" DIA. BARS PLACED AT 18" ON CENTER. ALL CURBS SHALL BE FINISHED WITH A 1/4" RADIUS. ALL CURBS SHALL BE FINISHED WITH A 1/4" RADIUS. ALL CURBS SHALL BE FINISHED WITH A 1/4" RADIUS.



TYPICAL CURB AND GUTTER TRANSITION



TYPICAL CURB AND GUTTER TRANSITION



TYPICAL CURB AND GUTTER TRANSITION

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FORT BEND COUNTY
ENGINEERING DEPARTMENT

PROJECT: LAKES OF BELLA TERRA CENTER WAY - 3

DATE: 04/04/11

BY: BEC

CHECKED BY: BEC

APPROVED BY: N.T.S.

SCALE: AS SHOWN

SHEET NO: 00/01

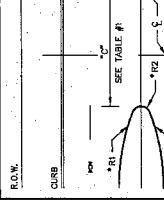
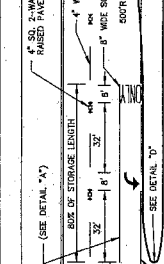
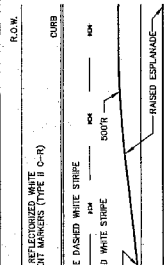
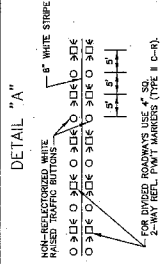
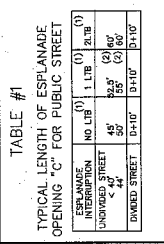


TABLE #1

TYPICAL LENGTH OF ESPLANADE OPENING "C" FOR PUBLIC STREET

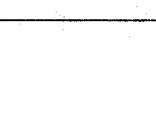
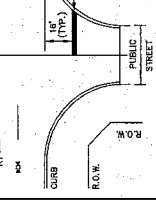
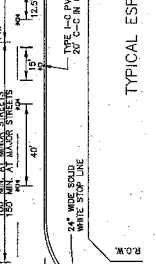
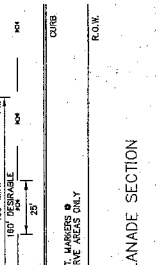
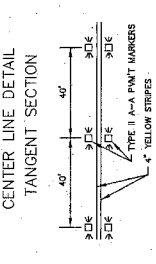
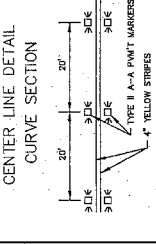
ESPLANADE WIDTH	MINIMUM LENGTH	MAXIMUM LENGTH
< 3'	1.0 (1)	2.1 (2)
3' - 35'	3.0 (3)	10.0 (4)
35' - 90'	5.0 (5)	15.0 (6)
90' - 150'	7.0 (7)	20.0 (8)
> 150'	10.0 (9)	25.0 (10)

NOTES:
 (1) TURN BAY
 (2) DISTANCE FROM CENTERLINE OF ESPLANADE TO NOSE
 (3) DISTANCE FROM CENTERLINE OF ESPLANADE TO NOSE
 (4) DISTANCE FROM CENTERLINE OF ESPLANADE TO NOSE
 (5) DISTANCE FROM CENTERLINE OF ESPLANADE TO NOSE
 (6) DISTANCE FROM CENTERLINE OF ESPLANADE TO NOSE
 (7) DISTANCE FROM CENTERLINE OF ESPLANADE TO NOSE
 (8) DISTANCE FROM CENTERLINE OF ESPLANADE TO NOSE
 (9) DISTANCE FROM CENTERLINE OF ESPLANADE TO NOSE
 (10) DISTANCE FROM CENTERLINE OF ESPLANADE TO NOSE



PAVEMENT MARKER LEGEND

SYMBOL	DESCRIPTION
□	4" x 4" REFLECTORIZED RAISED PAVEMENT MARKER
◊	INDICATES DIRECTION OF TRAFFIC FLOW
○	NON-REFLECTIVE 4" DIA. RAISED TRAFFIC BUTTON



NOTES:

- ALL STRIPING & MARKERS SHALL CONFORM WITH THE TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS.
- ALL TRAFFIC BUTTONS AND MARKERS SHALL BE INSTALLED AS SHOWN IN THIS SHEET.
- ALL STRIPING SHALL BE PAINTED YELLOW.
- ALL STRIPING SHALL BE PAINTED YELLOW.
- ALL STRIPING SHALL BE PAINTED YELLOW.

APPROVED:

FOR THE ENGINEER:

FOR THE CITY:

SEAL

REGISTERED PROFESSIONAL ENGINEER

STATE OF TEXAS

EXPIRES 12/31/2005

LAKESS OF BELLA TERRA

REGISTERED PROFESSIONAL ENGINEER

STATE OF TEXAS

EXPIRES 12/31/2005

STANDARD STRIPING DETAILS SHEET

CITY OF HOUSTON

DEPARTMENT OF PUBLIC WORKS AND ENGINEERING

PROJECT NO. 23

SHEET NO. 23

SEAL

REGISTERED PROFESSIONAL ENGINEER

STATE OF TEXAS

EXPIRES 12/31/2005

LAKESS OF BELLA TERRA

REGISTERED PROFESSIONAL ENGINEER

STATE OF TEXAS

EXPIRES 12/31/2005

STANDARD STRIPING DETAILS SHEET

CITY OF HOUSTON

DEPARTMENT OF PUBLIC WORKS AND ENGINEERING

PROJECT NO. 23

SHEET NO. 23

NOTES:

- ALL STRIPING & MARKERS SHALL CONFORM WITH THE TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS.
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- ALL STRIPING SHALL BE PAINTED YELLOW.
- ALL STRIPING SHALL BE PAINTED YELLOW.
- ALL STRIPING SHALL BE PAINTED YELLOW.

APPROVED:

FOR THE ENGINEER:

FOR THE CITY:

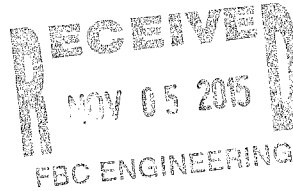


BENCHMARK ENGINEERING CORPORATION
ENGINEERING • PLANNING • LAND SURVEYING

TEXAS BOARD OF PROFESSIONAL ENGINEERS
REGISTRATION NUMBER F-6788
2401 FOUNTAINVIEW DRIVE, SUITE 500
HOUSTON, TEXAS 77057
(713) 266-9930

CONSULTINGENGINEERS

FAX (713) 266-3804



November 3, 2015

Honorable Robert E. Hebert
Fort Bend County Judge
309 S. 4th Street, Suite 719
Richmond, Texas 77469

Re: Sponsorship Letter for Proposed Temporary Street tie-In for
Una Strada Lane, Due Strada Lane and Tre Strada Lane to FM 1093
In Fort Bend County Municipal Utility District No. 133,

Plat name: **Via Mazzinni Way Reserve Sec. 1**

Dear Mr. Hebert:

As required by the Texas Department of Transportation (TXDOT), we are in the process of preparing a temporary permit application package to submit to TXDOT for the proposed temporary street tie-in of Una Strada Lane, Due Strada Lane and Tre Strada Lane to FM 1093. The proposed tie-in will be a 3-24' wide minimum temporary asphalt roadways on the south side of FM 1093 which will transition to a two lane concrete roadway with curb. The temporary roadways will only be used until the permanent feeder road for the West Park Toll road is constructed. These roadways will be constructed in accordance with Fort Bend County Design Standards & Requirements at no expense to the county. The developer, is **L.O.B. Limited Partnership**, will finance the cost of the construction. Please find attached 2 – 11"x17" reduced Fort Bend County final drawings of the proposed tie-in, as required by TXDOT street permit.

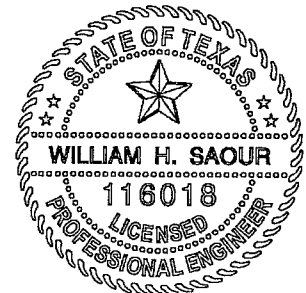
As part of the requirements by TXDOT, a sponsorship letter from Fort Bend County is necessary as a part of the submittal package. As the engineer for this development, I am hereby respectfully requesting Fort Bend County's sponsorship for this construction.

Please call me if you have any questions or need further information.

Sincerely,

BENCHMARK ENGINEERING CORPORATION

William H. Saour, P.E.
Project Engineer



cc: Ms. Mary Jane Sowa – FBC Engineering

REMARKS

THIS PLAN IS THE PROPERTY OF THE ENGINEER AND IS NOT TO BE REPRODUCED OR COPIED IN ANY MANNER WITHOUT HIS WRITTEN CONSENT. THE ENGINEER ASSUMES NO LIABILITY FOR ANY DAMAGE OR INJURY TO PERSONS OR PROPERTY ARISING FROM THE USE OF THIS PLAN.

DATE: 10/15/2015

PROJECT: OVERALL STORM SEWER LAYOUT FOR THE CITY OF HOUSTON

DESIGNED BY: [Name]

CHECKED BY: [Name]

DATE: 10/15/2015

SCALE: AS SHOWN

FOR CITY OF HOUSTON USE ONLY

GENERAL NOTES

1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE TEXAS CONSTRUCTION CODES AND THE CITY OF HOUSTON SPECIFICATIONS.

2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF HOUSTON AND THE STATE OF TEXAS.

3. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ADJACENT PROPERTIES AND UTILITIES AT ALL TIMES.

4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING UTILITIES AND STRUCTURES.

5. THE CONTRACTOR SHALL MAINTAIN THE EXISTING SURFACE GRADE AND FINISH GRADE AT ALL TIMES.

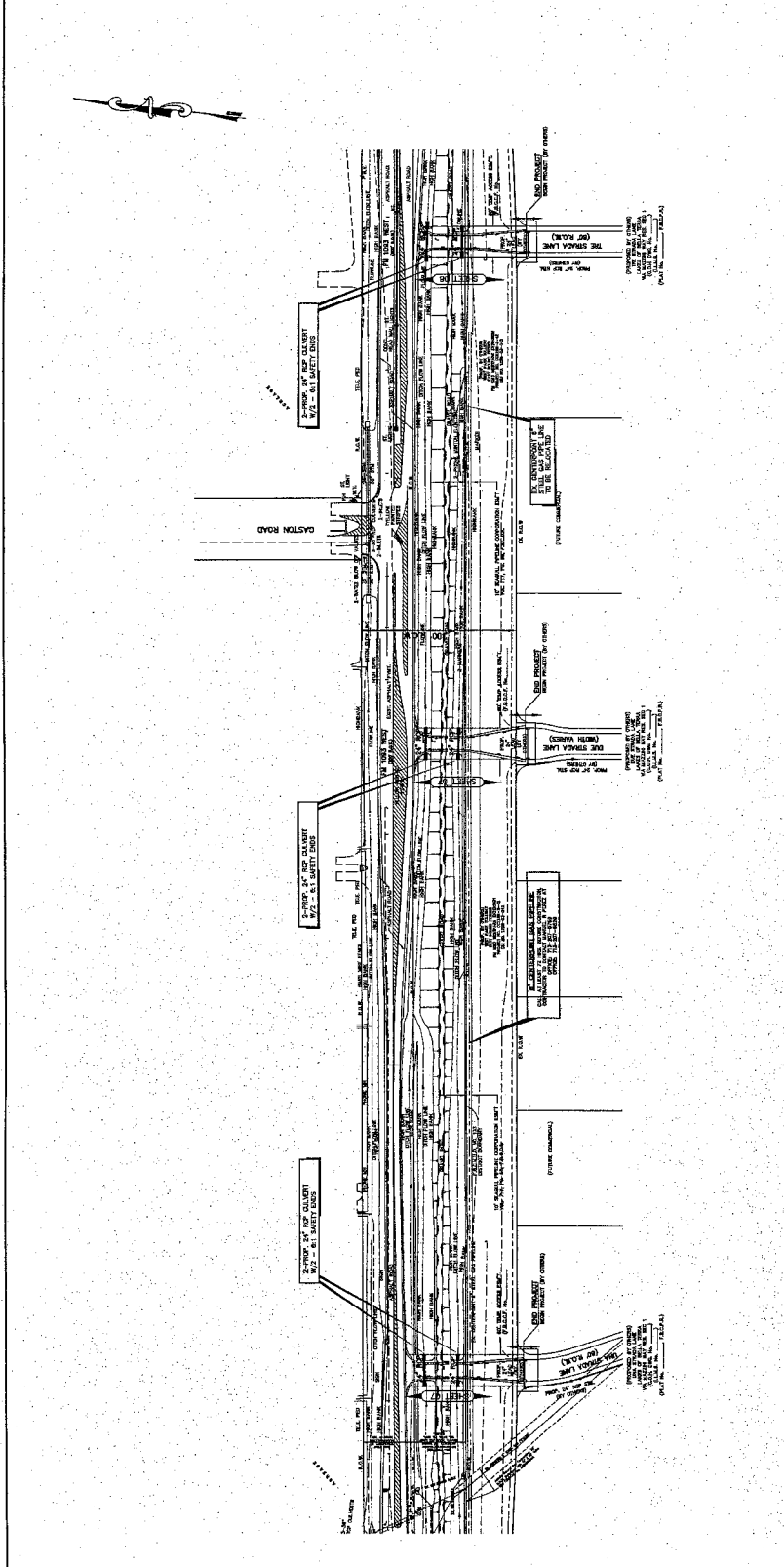
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING TREES AND LANDSCAPE.

7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING STRUCTURES AND UTILITIES.

8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND STRUCTURES.

9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND STRUCTURES.

10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND STRUCTURES.



OVERALL STORM SEWER LAYOUT

DATE: 10/15/2015

PROJECT: OVERALL STORM SEWER LAYOUT FOR THE CITY OF HOUSTON

DESIGNED BY: [Name]

CHECKED BY: [Name]

DATE: 10/15/2015

SCALE: AS SHOWN

FOR CITY OF HOUSTON USE ONLY

FORT BEND COUNTY CONSTRUCTION NOTES

1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE TEXAS CONSTRUCTION CODES AND THE CITY OF HOUSTON SPECIFICATIONS.

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CITY OF HOUSTON

DEPARTMENT OF PUBLIC WORKS AND ENGINEERING

DATE: 10/15/2015

PROJECT: OVERALL STORM SEWER LAYOUT FOR THE CITY OF HOUSTON

DESIGNED BY: [Name]

CHECKED BY: [Name]

DATE: 10/15/2015

SCALE: AS SHOWN

FOR CITY OF HOUSTON USE ONLY

LEGEND

EXISTING: 1" x 1" INLET, 2" x 2" INLET, STORM MANHOLE, JUNCTION BOX

PROPOSED: 1" x 1" INLET, 2" x 2" INLET, STORM MANHOLE, JUNCTION BOX

REVISIONS

NO. 1: 10/15/2015: INITIAL DESIGN

NO. 2: 10/20/2015: REVISIONS TO MANHOLE SIZES

NO. 3: 10/25/2015: REVISIONS TO SEWER LINES

NO. 4: 11/05/2015: REVISIONS TO INLET SIZES

NO. 5: 11/15/2015: REVISIONS TO JUNCTION BOXES

APPENDIX

APPENDIX A: EXISTING UTILITIES

APPENDIX B: PROPOSED UTILITIES

APPENDIX C: CONSTRUCTION DETAILS

BENCHMARKS

THE BENCHMARKS SHOWN ON THIS PLAN ARE FOR INFORMATION ONLY. THE BENCHMARKS ARE NOT TO BE USED FOR ANY OTHER PURPOSE. THE BENCHMARKS ARE NOT TO BE USED FOR ANY OTHER PURPOSE. THE BENCHMARKS ARE NOT TO BE USED FOR ANY OTHER PURPOSE.

PRIVATE UTILITY LINES SHOWN

THE PRIVATE UTILITY LINES SHOWN ON THIS PLAN ARE FOR INFORMATION ONLY. THE PRIVATE UTILITY LINES ARE NOT TO BE USED FOR ANY OTHER PURPOSE. THE PRIVATE UTILITY LINES ARE NOT TO BE USED FOR ANY OTHER PURPOSE.

DATE: 06/16/16

PROJECT: LAKES OF BELLA TERRA PHASE 1033 TEMPORARY CONNECTION

CITY OF HOUSTON
DEPARTMENT OF PUBLIC WORKS AND ENGINEERING

OVERALL SIGNAGE LAYOUT

FOR THE CITY OF HOUSTON

FOR THE CITY OF HOUSTON

FOR THE CITY OF HOUSTON

FOR THE CITY OF HOUSTON

FOR THE CITY OF HOUSTON

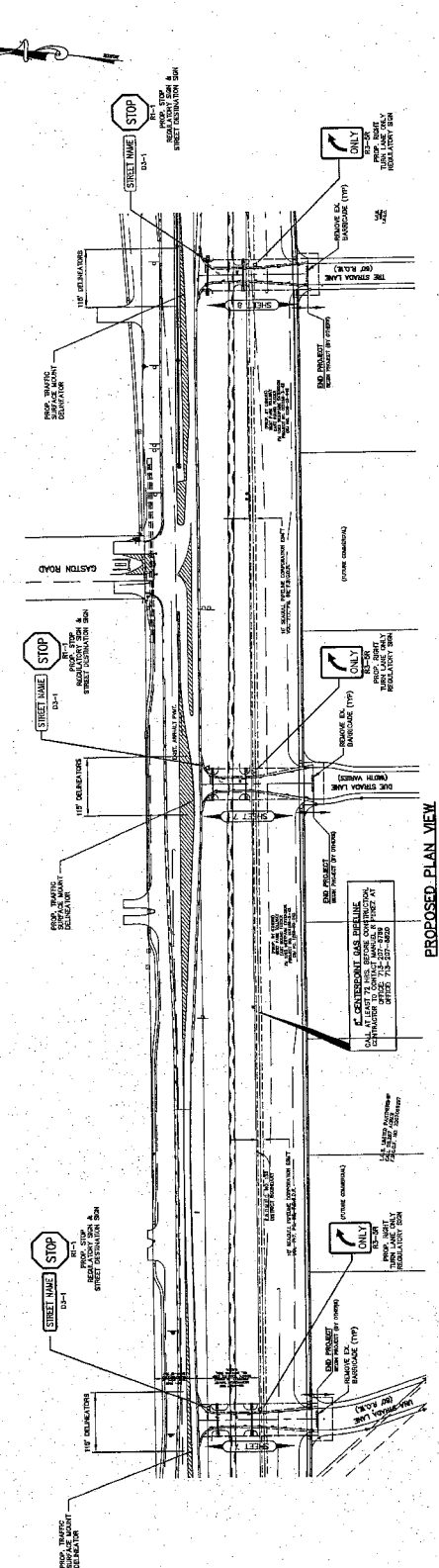
FOR THE CITY OF HOUSTON

FOR THE CITY OF HOUSTON

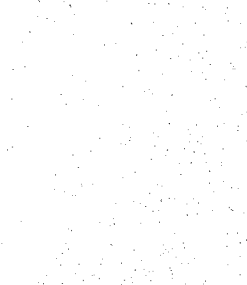
FOR THE CITY OF HOUSTON

FOR THE CITY OF HOUSTON

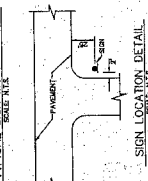
FOR THE CITY OF HOUSTON



PROPOSED PLAN VIEW

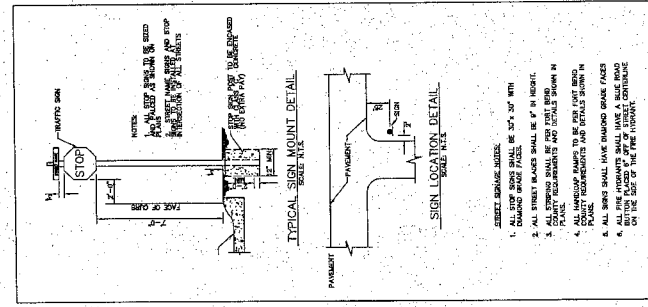
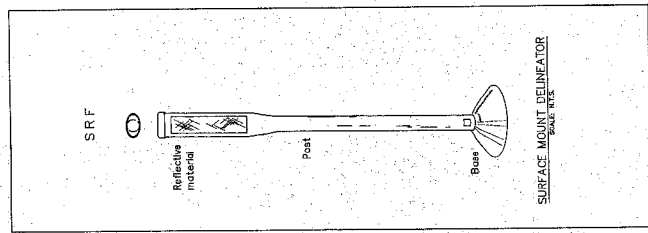


TYPICAL SIGN MOUNT DETAIL



SIGN LOCATION DETAIL

1. ALL SIGN POSTS SHALL BE 3" X 3" WITH 1/2" THICKNESS.
2. ALL STREET SIGNS SHALL BE 18" HIGH.
3. ALL STREET SIGNS SHALL BE 18" WIDE.
4. ALL STREET SIGNS SHALL BE 18" DEEP.
5. ALL STREET SIGNS SHALL BE 18" THICK.
6. ALL STREET SIGNS SHALL BE 18" LONG.



FORT BEND COUNTY CONSTRUCTION NOTES

1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE TEXAS CONSTRUCTION CODES AND REGULATIONS.
2. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE TEXAS CONSTRUCTION CODES AND REGULATIONS.
3. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE TEXAS CONSTRUCTION CODES AND REGULATIONS.
4. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE TEXAS CONSTRUCTION CODES AND REGULATIONS.
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13. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE TEXAS CONSTRUCTION CODES AND REGULATIONS.
14. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE TEXAS CONSTRUCTION CODES AND REGULATIONS.
15. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE TEXAS CONSTRUCTION CODES AND REGULATIONS.
16. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE TEXAS CONSTRUCTION CODES AND REGULATIONS.
17. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE TEXAS CONSTRUCTION CODES AND REGULATIONS.
18. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE TEXAS CONSTRUCTION CODES AND REGULATIONS.
19. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE TEXAS CONSTRUCTION CODES AND REGULATIONS.
20. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE TEXAS CONSTRUCTION CODES AND REGULATIONS.

BENCHMARKS

THE BENCHMARKS SHOWN ON THIS PLAN ARE THE PROPERTY OF THE CITY OF HOUSTON AND ARE TO BE USED ONLY FOR THE PROJECT SHOWN ON THIS PLAN. ANY OTHER USE OF THESE BENCHMARKS WITHOUT THE WRITTEN PERMISSION OF THE CITY OF HOUSTON IS PROHIBITED.

DATE: 08/28/2017

INTERFERENCES: THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION AND DEPTH OF ALL UTILITIES SHOWN ON THIS PLAN. ANY CHANGES TO THE UTILITIES SHOWN ON THIS PLAN SHALL BE NOTICED BY THE CONTRACTOR IN THE FIELD.

PRIVATE UTILITY LINES SHOWN: THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION AND DEPTH OF ALL PRIVATE UTILITY LINES SHOWN ON THIS PLAN. ANY CHANGES TO THE PRIVATE UTILITY LINES SHOWN ON THIS PLAN SHALL BE NOTICED BY THE CONTRACTOR IN THE FIELD.



CONTRACTOR: BENTONVILLE ENGINEERING CORPORATION
 1824 Westchase Lane, Suite 100
 Houston, Texas 77058

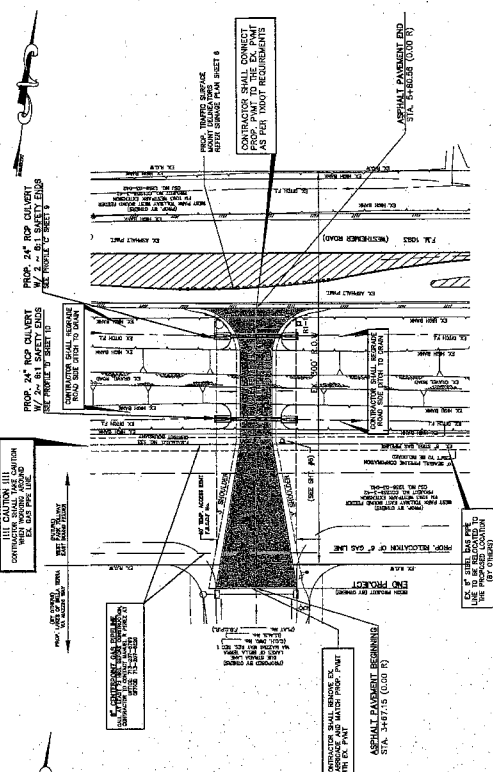
LAKES OF BELLA TERRA
 FUTURE TRAFFIC IMPROVEMENT CONNECTION
 FORT BEND COUNTY, TEXAS

PLAN AND PROFILE
 UNA STRADA LANE
 DUE STRADA LANE
 STA. 3+00 TO END

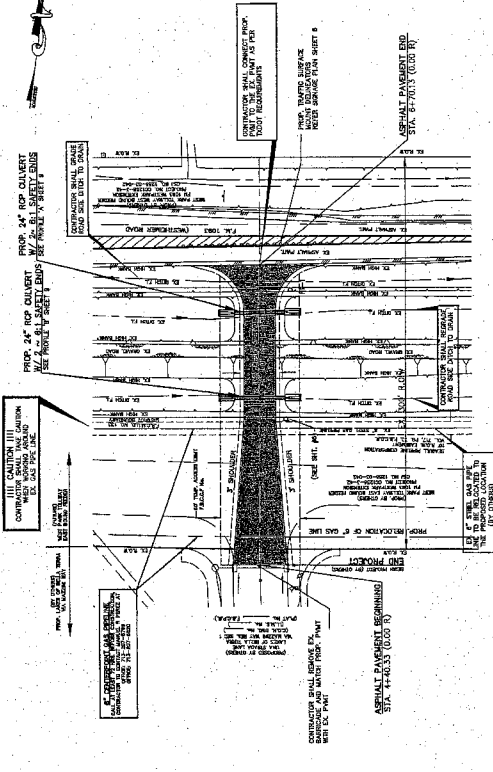
CITY OF HOUSTON
 DEPARTMENT OF PUBLIC WORKS AND ENGINEERING

DATE: 08/28/2017
APPROVED: [Signature]
SCALE: 1"=40'
DATE: 08/28/2017

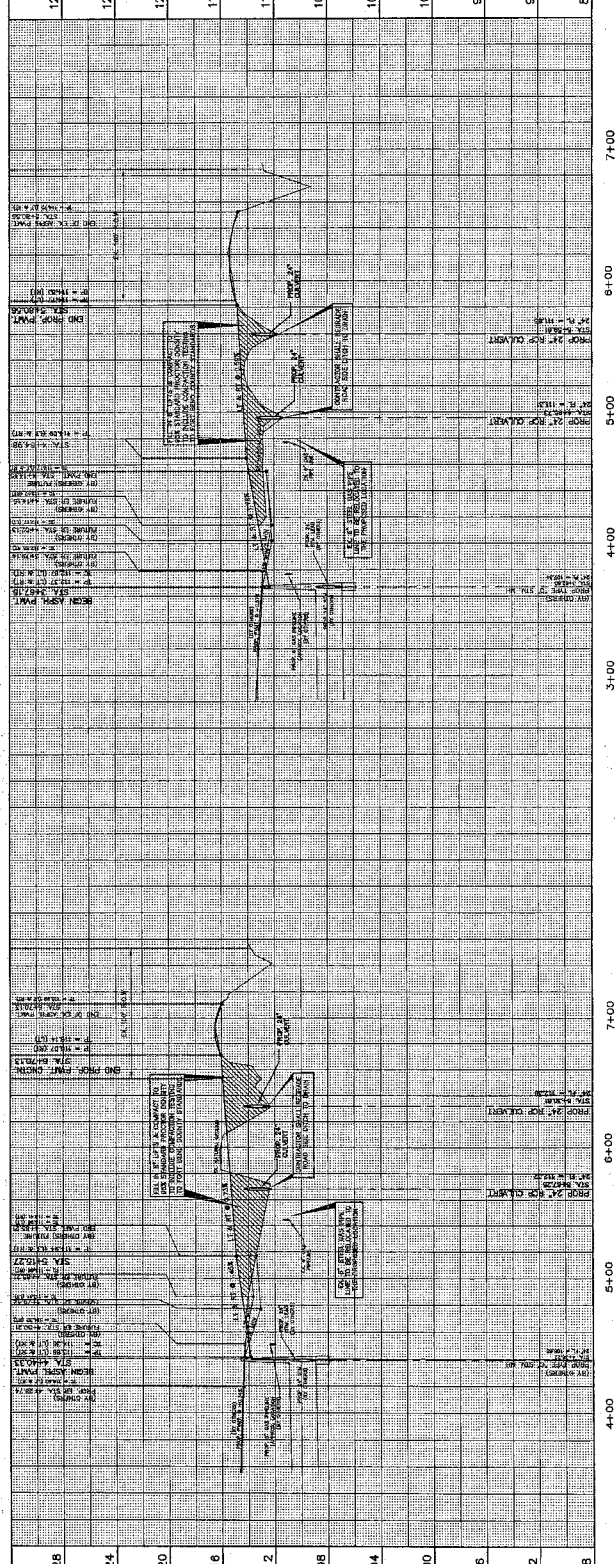
128	74+00
124	81+00
120	88+00
116	95+00
112	102+00
108	109+00
104	116+00
100	123+00
96	130+00
92	137+00
88	144+00



UNA STRADA LANE TEMP. CONNECTION
 (60' TEMP. ACCESS ESMT.)



DUE STRADA LANE TEMP. CONNECTION
 (60' TEMP. ACCESS ESMT.)



128	74+00
124	81+00
120	88+00
116	95+00
112	102+00
108	109+00
104	116+00
100	123+00
96	130+00
92	137+00
88	144+00

THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION AND DEPTH OF ALL UTILITIES SHOWN ON THIS PLAN. ANY CHANGES TO THE UTILITIES SHOWN ON THIS PLAN SHALL BE NOTICED BY THE CONTRACTOR IN THE FIELD.

BENCHMARKS

STATION 116: 116.00
 STATION 114: 114.00
 STATION 112: 112.00
 STATION 110: 110.00
 STATION 108: 108.00
 STATION 106: 106.00
 STATION 104: 104.00

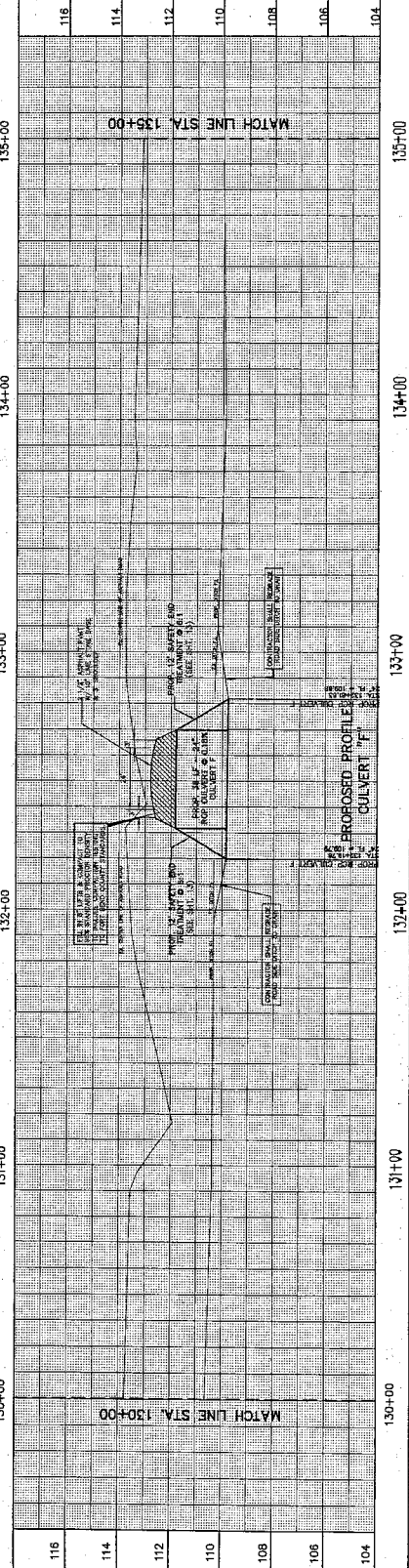
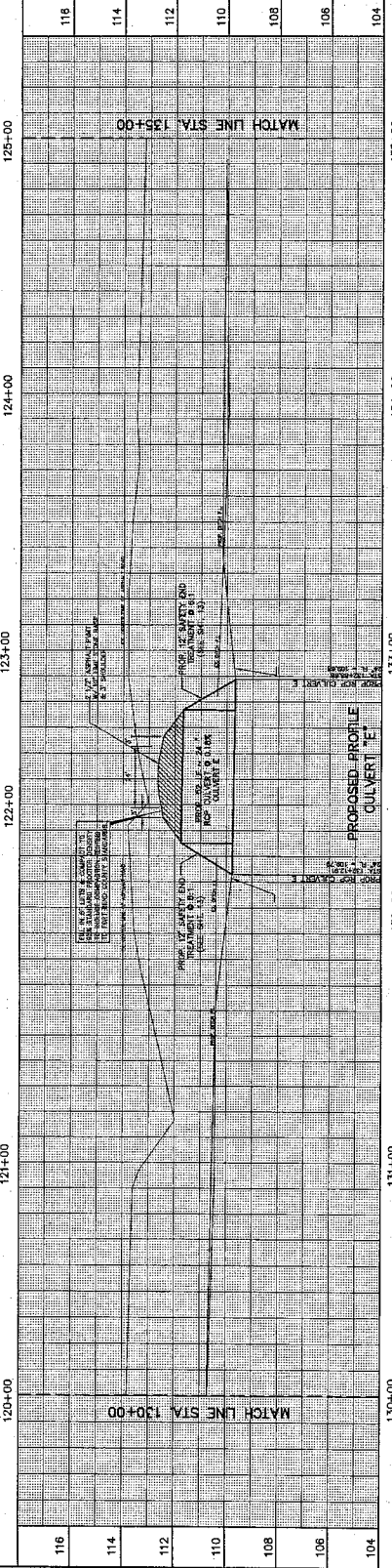
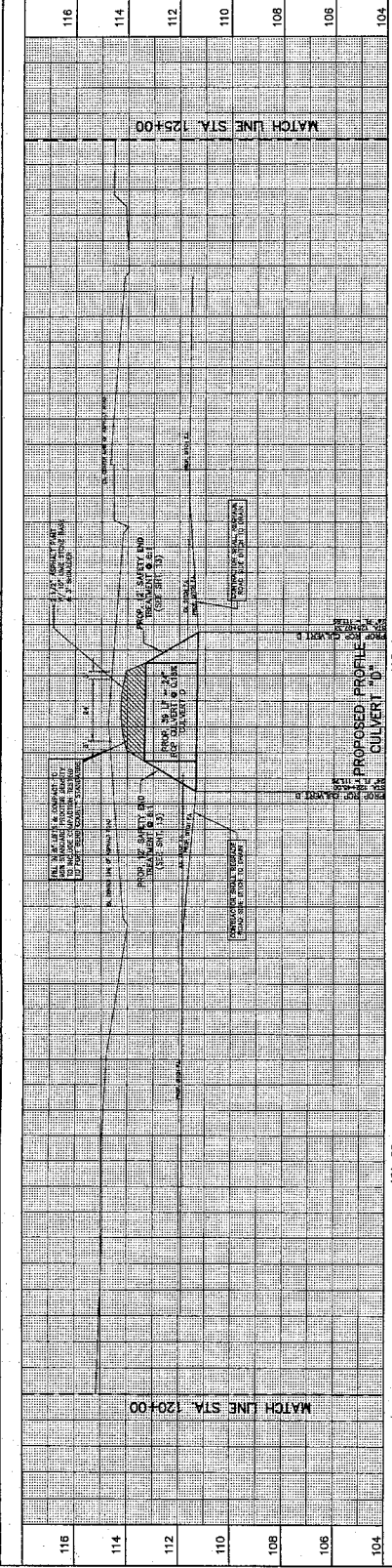
PRIVATE UTILITY LINES SHOWN

SEE SHEET 11 FOR DETAILS OF ALL UTILITY LINES SHOWN. ALL UTILITIES SHOWN ARE BASED ON RECORD DRAWINGS AND FIELD SURVEY. THE LOCATION AND DEPTH OF UTILITIES ARE NOT GUARANTEED. THE USER SHALL VERIFY THE LOCATION AND DEPTH OF UTILITIES PRIOR TO CONSTRUCTION.

APPROVED FOR THE DEVELOPER/CONTRACTOR

CITY OF HOUSTON
 DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION

DATE: _____
SCALE: _____
PROJECT: _____



APPROVED FOR THE DEVELOPER/CONTRACTOR

CITY OF HOUSTON
 DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION

DATE: _____
SCALE: _____
PROJECT: _____

FILE NO.: _____
DATE: _____
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FILE NO.: _____
DATE: _____
SCALE: _____
PROJECT: _____

APPROVED FOR THE DEVELOPER/CONTRACTOR

CITY OF HOUSTON
 DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION

DATE: _____
SCALE: _____
PROJECT: _____

FILE NO.: _____
DATE: _____
SCALE: _____
PROJECT: _____

FILE NO.: _____
DATE: _____
SCALE: _____
PROJECT: _____

GENERAL CONSTRUCTION NOTES

- 1. CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF HOUSTON SPECIFICATIONS...
2. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF HOUSTON SPECIFICATIONS...
3. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF HOUSTON SPECIFICATIONS...

GENERAL NOTES

- 1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS...
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS...
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS...

TRAFFIC CONTROL

- 1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS...
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS...
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS...

PAVING CONSTRUCTION NOTES

- 1. PAVING SHALL BE IN ACCORDANCE WITH THE CITY OF HOUSTON SPECIFICATIONS...
2. PAVING SHALL BE IN ACCORDANCE WITH THE CITY OF HOUSTON SPECIFICATIONS...
3. PAVING SHALL BE IN ACCORDANCE WITH THE CITY OF HOUSTON SPECIFICATIONS...

STORM SEWER CONSTRUCTION NOTES

- 1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS...
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS...
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS...

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER DISTRIBUTION SYSTEM GENERAL CONSTRUCTION NOTES

- 1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS...
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS...
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS...

PRIVATE UTILITY NOTES

- 1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS...
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS...
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS...



ENGINEERING CORPORATION
Michael J. Anderson, P.E.
Professional Engineer
State of Texas
No. 118019

STANDARD CONSTRUCTION NOTES & DETAIL SHEET

PROJECT: LAKES OF BELLA TERRA
SUBPROJECT: FULTON TIER 2
LOCATION: FORT BEND COUNTY, TEXAS
DATE: 11/11/10

CITY OF HOUSTON
DEPARTMENT OF PUBLIC WORKS AND UTILITIES
FILE NO.
DRAWING NO.
DATE: 11/11/10

REVISIONS

NO. 1. DATE. BY. REVISION.

NOTES

1. THE SUBJECT OF THIS PROJECT IS A PRIVATE UTILITY LINE CROSSING OVER THE STRADA LANE AND THE STRADA LANE.

2. THE PROJECT IS A PRIVATE UTILITY LINE CROSSING OVER THE STRADA LANE AND THE STRADA LANE.

3. THE PROJECT IS A PRIVATE UTILITY LINE CROSSING OVER THE STRADA LANE AND THE STRADA LANE.

PRIVATE UTILITY LINES SHOWN

CLASSIFIED AS PER THE CITY OF HOUSTON, TEXAS

DATE: 08/25/2017

PROJECT NO. 17030-0001

PROJECT NAME: LAKES OF BELLA TERRA P.M. 1093 TEMPORARY CONNECTION

APPROVED

DATE: 08/25/2017

PROJECT NO. 17030-0001

PROJECT NAME: LAKES OF BELLA TERRA P.M. 1093 TEMPORARY CONNECTION

TRAFFIC CONTROL PLAN

FOR THE CITY OF HOUSTON

DATE: 08/25/2017

PROJECT NO. 17030-0001

PROJECT NAME: LAKES OF BELLA TERRA P.M. 1093 TEMPORARY CONNECTION

TRAFFIC CONTROL PLAN

FOR THE CITY OF HOUSTON

DATE: 08/25/2017

PROJECT NO. 17030-0001

PROJECT NAME: LAKES OF BELLA TERRA P.M. 1093 TEMPORARY CONNECTION

TRAFFIC CONTROL PLAN

FOR THE CITY OF HOUSTON

DATE: 08/25/2017

PROJECT NO. 17030-0001

PROJECT NAME: LAKES OF BELLA TERRA P.M. 1093 TEMPORARY CONNECTION

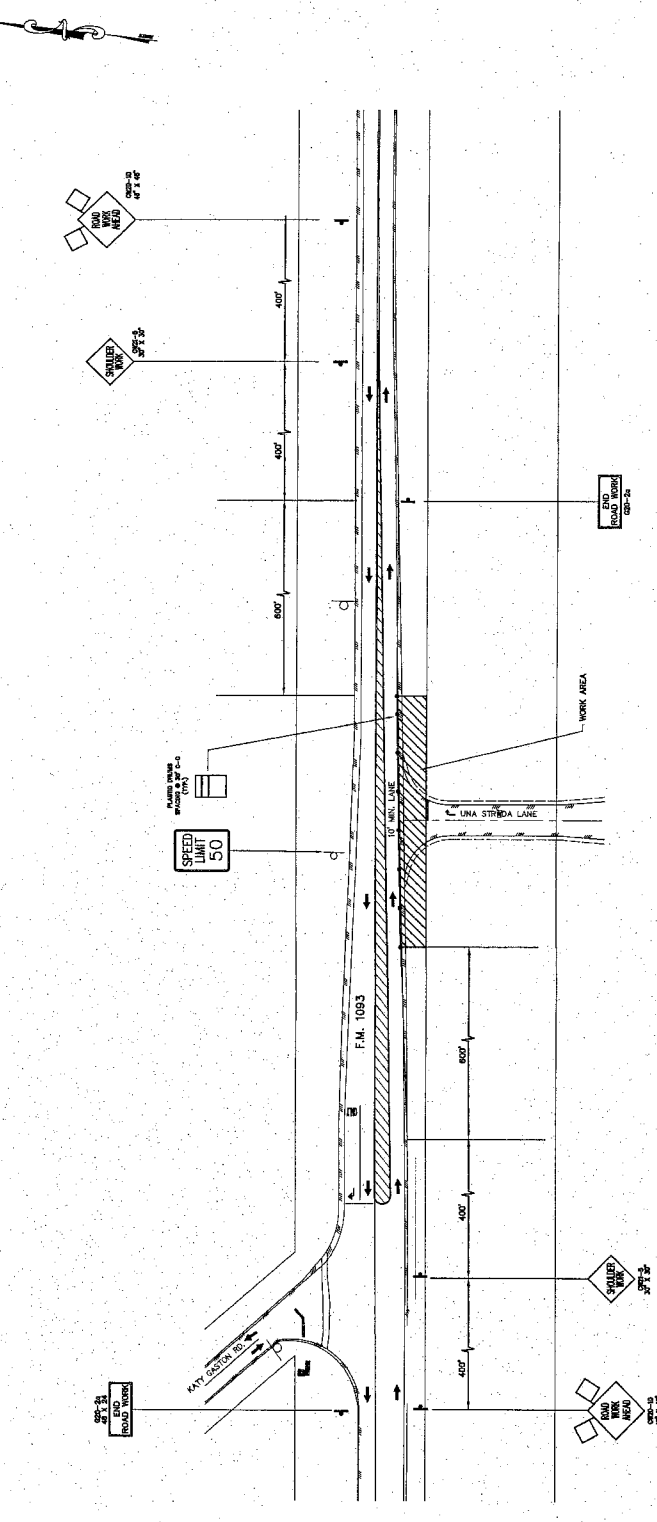
TRAFFIC CONTROL PLAN

FOR THE CITY OF HOUSTON

DATE: 08/25/2017

PROJECT NO. 17030-0001

PROJECT NAME: LAKES OF BELLA TERRA P.M. 1093 TEMPORARY CONNECTION



NOTE:
TRAFFIC CONTROL IS TYPICAL FOR DUE STRADA LANE AND THE STRADA LANE.

TRAFFIC CONTROL NOTES:

1. LANE SHALL BE CLOSED BETWEEN HOURS OF 5:00 A.M. TO 5:00 P.M. 4:00 P.M.
2. CONTRACTOR SHALL PROVIDE AND MAINTAIN TRAFFIC CONTROL DEVICES IN CONFORMANCE WITH THE CITY OF HOUSTON, TEXAS TRAFFIC CONTROL DEVICES (TCD) MANUAL.
3. CONTRACTOR SHALL MAINTAIN TRAFFIC CONTROL DEVICES THROUGHOUT THE PROJECT DURATION.
4. CONTRACTOR SHALL MAINTAIN TRAFFIC CONTROL DEVICES THROUGHOUT THE PROJECT DURATION.
5. CONTRACTOR SHALL MAINTAIN TRAFFIC CONTROL DEVICES THROUGHOUT THE PROJECT DURATION.
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12. CONTRACTOR SHALL MAINTAIN TRAFFIC CONTROL DEVICES THROUGHOUT THE PROJECT DURATION.
13. CONTRACTOR SHALL MAINTAIN TRAFFIC CONTROL DEVICES THROUGHOUT THE PROJECT DURATION.

CONTRACTOR SHALL REFER TO 2000 DETAILS FOR TRAFFIC CONTROL DEVICES (TCD) MANUAL, SECTION 101-1.01, 101-1.02, 101-1.03, 101-1.04, 101-1.05, 101-1.06, 101-1.07, 101-1.08, 101-1.09, 101-1.10, 101-1.11, 101-1.12, 101-1.13, 101-1.14, 101-1.15, 101-1.16, 101-1.17, 101-1.18, 101-1.19, 101-1.20, 101-1.21, 101-1.22, 101-1.23, 101-1.24, 101-1.25, 101-1.26, 101-1.27, 101-1.28, 101-1.29, 101-1.30, 101-1.31, 101-1.32, 101-1.33, 101-1.34, 101-1.35, 101-1.36, 101-1.37, 101-1.38, 101-1.39, 101-1.40, 101-1.41, 101-1.42, 101-1.43, 101-1.44, 101-1.45, 101-1.46, 101-1.47, 101-1.48, 101-1.49, 101-1.50, 101-1.51, 101-1.52, 101-1.53, 101-1.54, 101-1.55, 101-1.56, 101-1.57, 101-1.58, 101-1.59, 101-1.60, 101-1.61, 101-1.62, 101-1.63, 101-1.64, 101-1.65, 101-1.66, 101-1.67, 101-1.68, 101-1.69, 101-1.70, 101-1.71, 101-1.72, 101-1.73, 101-1.74, 101-1.75, 101-1.76, 101-1.77, 101-1.78, 101-1.79, 101-1.80, 101-1.81, 101-1.82, 101-1.83, 101-1.84, 101-1.85, 101-1.86, 101-1.87, 101-1.88, 101-1.89, 101-1.90, 101-1.91, 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REMARKS

THIS DRAWING IS THE PROPERTY OF THE ENGINEER AND ARCHITECT. IT IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREON. IT IS NOT TO BE REPRODUCED, COPIED, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF THE ENGINEER AND ARCHITECT. ANY UNAUTHORIZED USE OF THIS DRAWING IS PROHIBITED AND WILL BE CONSIDERED A VIOLATION OF PROFESSIONAL ETHICS AND MAY BE SUBJECT TO LEGAL ACTION.

GENERAL NOTES

1. THE CITY OF HOUSTON HAS REVIEWED THIS DRAWING FOR CONFORMANCE WITH THE CITY ENGINEERING DEPARTMENT'S STANDARD SPECIFICATIONS FOR THE CONSTRUCTION OF SANITARY SEWERS AND STORM SEWERS. THE CITY'S REVIEW IS LIMITED TO TECHNICAL ASPECTS AND DOES NOT CONSTITUTE A GUARANTEE OF THE ACCURACY OR COMPLETENESS OF THE INFORMATION PROVIDED HEREON. THE USER OF THIS DRAWING SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND FOR VERIFYING THE ACCURACY OF ALL FIELD DATA AND CONDITIONS PRIOR TO CONSTRUCTION.

2. THE USER OF THIS DRAWING SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND FOR VERIFYING THE ACCURACY OF ALL FIELD DATA AND CONDITIONS PRIOR TO CONSTRUCTION.

3. THE USER OF THIS DRAWING SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND FOR VERIFYING THE ACCURACY OF ALL FIELD DATA AND CONDITIONS PRIOR TO CONSTRUCTION.

PRIVATE UTILITY LINES SHOWN

ALL EXISTING PRIVATE UTILITY LINES SHOWN ON THIS DRAWING ARE BASED ON RECORD DRAWINGS AND FIELD SURVEY. THE USER OF THIS DRAWING SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION AND DEPTH OF ALL PRIVATE UTILITY LINES PRIOR TO CONSTRUCTION.

GENERAL NOTES

1. THE USER OF THIS DRAWING SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND FOR VERIFYING THE ACCURACY OF ALL FIELD DATA AND CONDITIONS PRIOR TO CONSTRUCTION.

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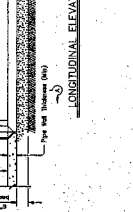
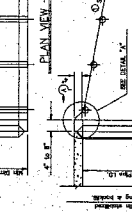
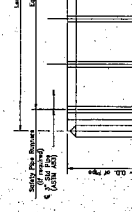
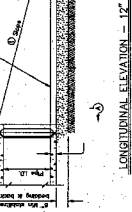
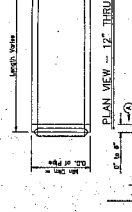
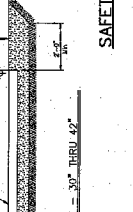
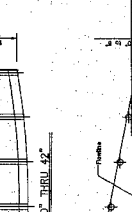
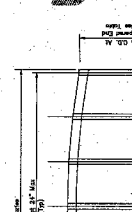
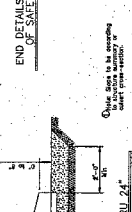
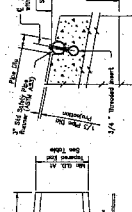
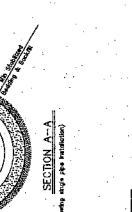
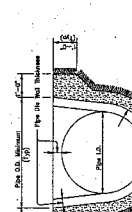
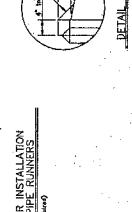
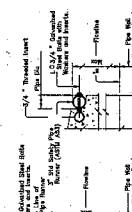
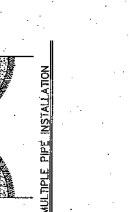
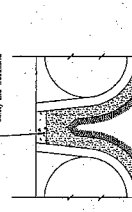
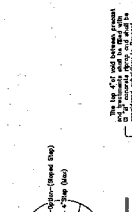
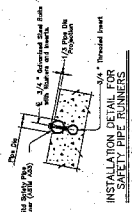
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12"	2'	18"	18"	18"	18"	18"	18"	18"	18"
15"	2'	18"	18"	18"	18"	18"	18"	18"	18"
18"	2'	18"	18"	18"	18"	18"	18"	18"	18"
21"	2'	18"	18"	18"	18"	18"	18"	18"	18"
24"	2'	18"	18"	18"	18"	18"	18"	18"	18"
27"	2'	18"	18"	18"	18"	18"	18"	18"	18"
30"	2'	18"	18"	18"	18"	18"	18"	18"	18"
36"	2'	18"	18"	18"	18"	18"	18"	18"	18"
42"	2'	18"	18"	18"	18"	18"	18"	18"	18"

GENERAL NOTES

1. THE USER OF THIS DRAWING SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND FOR VERIFYING THE ACCURACY OF ALL FIELD DATA AND CONDITIONS PRIOR TO CONSTRUCTION.

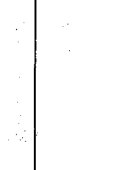
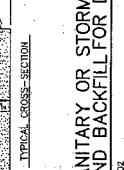
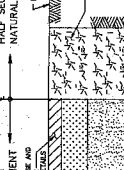
2. THE USER OF THIS DRAWING SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND FOR VERIFYING THE ACCURACY OF ALL FIELD DATA AND CONDITIONS PRIOR TO CONSTRUCTION.

3. THE USER OF THIS DRAWING SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND FOR VERIFYING THE ACCURACY OF ALL FIELD DATA AND CONDITIONS PRIOR TO CONSTRUCTION.



SAFETY END DETAIL

SCALE: N.T.S.



SANITARY OR STORM SEWER BEDDING AND BACKFILL FOR DRY STABLE TRENCH

REF. DATE: 007-01-2000

DRW. NO. 02317-03

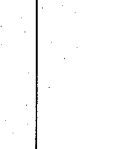
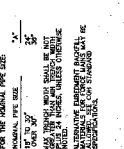
NOTES

1. THE DETAIL MAY BE USED ONLY FOR THE PURPOSES SPECIFICALLY IDENTIFIED HEREON. IT IS NOT TO BE USED FOR ANY OTHER PURPOSES WITHOUT THE WRITTEN PERMISSION OF THE ENGINEER AND ARCHITECT.

2. THE USER OF THIS DRAWING SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND FOR VERIFYING THE ACCURACY OF ALL FIELD DATA AND CONDITIONS PRIOR TO CONSTRUCTION.

3. THE USER OF THIS DRAWING SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND FOR VERIFYING THE ACCURACY OF ALL FIELD DATA AND CONDITIONS PRIOR TO CONSTRUCTION.

4. THE USER OF THIS DRAWING SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND FOR VERIFYING THE ACCURACY OF ALL FIELD DATA AND CONDITIONS PRIOR TO CONSTRUCTION.



GENERAL NOTES

1. THE USER OF THIS DRAWING SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND FOR VERIFYING THE ACCURACY OF ALL FIELD DATA AND CONDITIONS PRIOR TO CONSTRUCTION.

2. THE USER OF THIS DRAWING SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND FOR VERIFYING THE ACCURACY OF ALL FIELD DATA AND CONDITIONS PRIOR TO CONSTRUCTION.

3. THE USER OF THIS DRAWING SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND FOR VERIFYING THE ACCURACY OF ALL FIELD DATA AND CONDITIONS PRIOR TO CONSTRUCTION.

REVISIONS

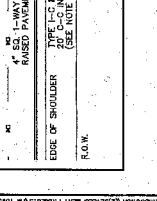
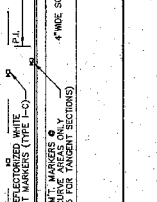
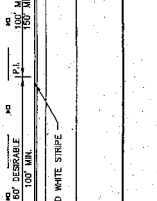
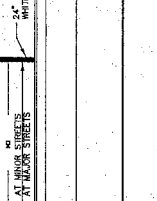
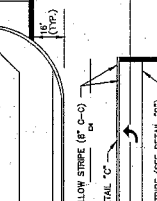
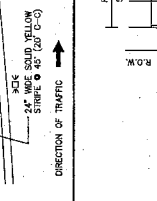
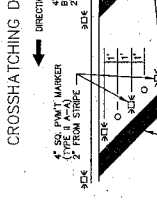
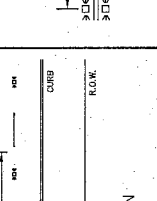
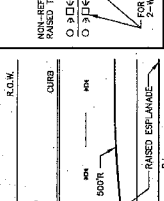
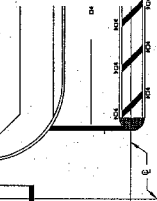
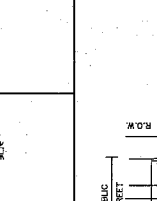
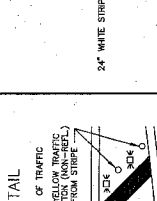
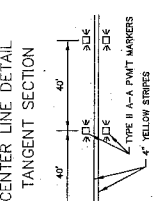
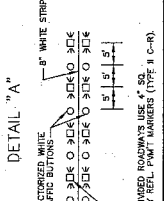
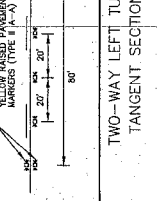
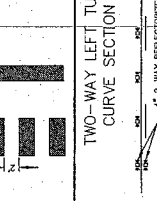
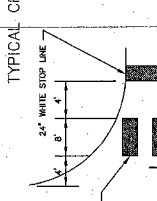
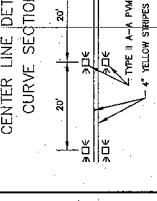
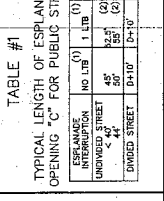
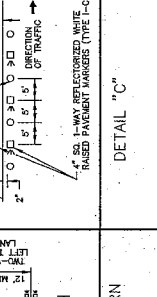
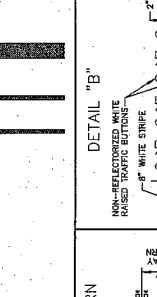
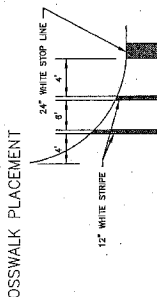
NO.	DATE	DESCRIPTION
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2	01/15/11	REVISED TO REFLECT COMMENTS FROM THE TEXAS DEPARTMENT OF TRANSPORTATION
3	03/15/11	REVISED TO REFLECT COMMENTS FROM THE TEXAS DEPARTMENT OF TRANSPORTATION
4	05/15/11	REVISED TO REFLECT COMMENTS FROM THE TEXAS DEPARTMENT OF TRANSPORTATION
5	07/15/11	REVISED TO REFLECT COMMENTS FROM THE TEXAS DEPARTMENT OF TRANSPORTATION
6	09/15/11	REVISED TO REFLECT COMMENTS FROM THE TEXAS DEPARTMENT OF TRANSPORTATION
7	11/15/11	REVISED TO REFLECT COMMENTS FROM THE TEXAS DEPARTMENT OF TRANSPORTATION
8	01/15/12	REVISED TO REFLECT COMMENTS FROM THE TEXAS DEPARTMENT OF TRANSPORTATION
9	03/15/12	REVISED TO REFLECT COMMENTS FROM THE TEXAS DEPARTMENT OF TRANSPORTATION
10	05/15/12	REVISED TO REFLECT COMMENTS FROM THE TEXAS DEPARTMENT OF TRANSPORTATION
11	07/15/12	REVISED TO REFLECT COMMENTS FROM THE TEXAS DEPARTMENT OF TRANSPORTATION
12	09/15/12	REVISED TO REFLECT COMMENTS FROM THE TEXAS DEPARTMENT OF TRANSPORTATION
13	11/15/12	REVISED TO REFLECT COMMENTS FROM THE TEXAS DEPARTMENT OF TRANSPORTATION
14	01/15/13	REVISED TO REFLECT COMMENTS FROM THE TEXAS DEPARTMENT OF TRANSPORTATION
15	03/15/13	REVISED TO REFLECT COMMENTS FROM THE TEXAS DEPARTMENT OF TRANSPORTATION
16	05/15/13	REVISED TO REFLECT COMMENTS FROM THE TEXAS DEPARTMENT OF TRANSPORTATION
17	07/15/13	REVISED TO REFLECT COMMENTS FROM THE TEXAS DEPARTMENT OF TRANSPORTATION
18	09/15/13	REVISED TO REFLECT COMMENTS FROM THE TEXAS DEPARTMENT OF TRANSPORTATION
19	11/15/13	REVISED TO REFLECT COMMENTS FROM THE TEXAS DEPARTMENT OF TRANSPORTATION
20	01/15/14	REVISED TO REFLECT COMMENTS FROM THE TEXAS DEPARTMENT OF TRANSPORTATION
21	03/15/14	REVISED TO REFLECT COMMENTS FROM THE TEXAS DEPARTMENT OF TRANSPORTATION
22	05/15/14	REVISED TO REFLECT COMMENTS FROM THE TEXAS DEPARTMENT OF TRANSPORTATION
23	07/15/14	REVISED TO REFLECT COMMENTS FROM THE TEXAS DEPARTMENT OF TRANSPORTATION
24	09/15/14	REVISED TO REFLECT COMMENTS FROM THE TEXAS DEPARTMENT OF TRANSPORTATION
25	11/15/14	REVISED TO REFLECT COMMENTS FROM THE TEXAS DEPARTMENT OF TRANSPORTATION
26	01/15/15	REVISED TO REFLECT COMMENTS FROM THE TEXAS DEPARTMENT OF TRANSPORTATION
27	03/15/15	REVISED TO REFLECT COMMENTS FROM THE TEXAS DEPARTMENT OF TRANSPORTATION
28	05/15/15	REVISED TO REFLECT COMMENTS FROM THE TEXAS DEPARTMENT OF TRANSPORTATION
29	07/15/15	REVISED TO REFLECT COMMENTS FROM THE TEXAS DEPARTMENT OF TRANSPORTATION
30	09/15/15	REVISED TO REFLECT COMMENTS FROM THE TEXAS DEPARTMENT OF TRANSPORTATION
31	11/15/15	REVISED TO REFLECT COMMENTS FROM THE TEXAS DEPARTMENT OF TRANSPORTATION
32	01/15/16	REVISED TO REFLECT COMMENTS FROM THE TEXAS DEPARTMENT OF TRANSPORTATION
33	03/15/16	REVISED TO REFLECT COMMENTS FROM THE TEXAS DEPARTMENT OF TRANSPORTATION
34	05/15/16	REVISED TO REFLECT COMMENTS FROM THE TEXAS DEPARTMENT OF TRANSPORTATION
35	07/15/16	REVISED TO REFLECT COMMENTS FROM THE TEXAS DEPARTMENT OF TRANSPORTATION
36	09/15/16	REVISED TO REFLECT COMMENTS FROM THE TEXAS DEPARTMENT OF TRANSPORTATION
37	11/15/16	REVISED TO REFLECT COMMENTS FROM THE TEXAS DEPARTMENT OF TRANSPORTATION
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41	07/15/17	REVISED TO REFLECT COMMENTS FROM THE TEXAS DEPARTMENT OF TRANSPORTATION
42	09/15/17	REVISED TO REFLECT COMMENTS FROM THE TEXAS DEPARTMENT OF TRANSPORTATION
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52	05/15/19	REVISED TO REFLECT COMMENTS FROM THE TEXAS DEPARTMENT OF TRANSPORTATION
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55	11/15/19	REVISED TO REFLECT COMMENTS FROM THE TEXAS DEPARTMENT OF TRANSPORTATION
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90	09/15/25	REVISED TO REFLECT COMMENTS FROM THE TEXAS DEPARTMENT OF TRANSPORTATION
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98	01/15/27	REVISED TO REFLECT COMMENTS FROM THE TEXAS DEPARTMENT OF TRANSPORTATION
99	03/15/27	REVISED TO REFLECT COMMENTS FROM THE TEXAS DEPARTMENT OF TRANSPORTATION
100	05/15/27	REVISED TO REFLECT COMMENTS FROM THE TEXAS DEPARTMENT OF TRANSPORTATION

TABLE #1
TYPICAL LENGTH OF ESPLANADE OPENING "C" FOR PUBLIC STREET

ESPLANADE INTERUPTION	(1) 4'	(2) 4'	(3) 4'	(4) 4'	(5) 4'	(6) 4'	(7) 4'	(8) 4'	(9) 4'	(10) 4'
UNDIVIDED STREET	45'	50'	55'	60'	65'	70'	75'	80'	85'	90'
DIVIDED STREET	10'	15'	20'	25'	30'	35'	40'	45'	50'	55'

PAVEMENT MARKER LEGEND

SYMBOL	DESCRIPTION
□	4" X 4" REFLECTORIZED RAISED PAVEMENT MARKER
◊	INDICATES DIRECTION OF TRAFFIC FLOW
○	NON-REFLECTIVE 4" DIA. RAISED TRAFFIC BUTTON



CITY OF HOUSTON
DEPARTMENT OF PUBLIC WORKS AND ENGINEERING
1001 RICE AVENUE, SUITE 1000
HOUSTON, TEXAS 77005
TEL: 713/858-2000
WWW.CITYOFHOUSTON.TX

PROJECT INFORMATION

PROJECT NO. _____
DRAWING NO. _____
DATE: _____
SHEET: 16 OF 16

DESIGNER
NAME: _____
TITLE: _____

APPROVER
NAME: _____
TITLE: _____

DATE
DATE: _____

SCALE
SCALE: _____

PROJECT LOCATION
PROJECT LOCATION: _____

PROJECT DESCRIPTION
PROJECT DESCRIPTION: _____

PROJECT OWNER
PROJECT OWNER: _____

PROJECT CONTACT
PROJECT CONTACT: _____

STANDARD STRIPING DETAILS

STANDARD STRIPING DETAILS

STANDARD STRIPING DETAILS

STANDARD STRIPING DETAILS

STANDARD STRIPING DETAILS

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