

REVIEW BY FORT BEND COUNTY COMMISSIONERS COURT

12P

On this 28 day of APRIL, 2015, Commissioners Court came on to be heard and reviewed the accompanying notice of PAVECON, LTD / GRAND MASON PARTNERS, LTD

Job Location MASON ROAD

Dated 04/20/15 BOND NO. 929607883, Permit No. 84824

to make use of certain Fort Bend County property subject to, "A Revised Order Regulating the Laying, Construction, Maintenance, and Repair of Buried Cables, Conduits, and Pole Lines, In, Under, Across or Along Roads, Streets, Highways, and Drainage Ditches in Fort Bend County, Texas, Under the Jurisdiction of the Commissioners Court of Fort Bend County, Texas," as passed by the Commissioners Court of Fort Bend County, Texas, date the 3rd day of August, 1987, recorded in Volume _____ of the Minutes of the Commissioners Court of Fort Bend County, Texas, to the extent that such order is not inconsistent with Article 1436a, Vernon's Texas Civil Statues. Upon Motion of Commissioner Meyus, seconded by Commissioner Prestage, duly put and carried, it is ORDERED, ADJUGED AND DECREED that said notice of said above purpose is hereby acknowledged by the Commissioners Court of Fort Bend County, Texas, and that said notice be placed on record according to the regulation order thereof.

Notes:

1. Evidence of review by the Commissioners Court must be kept on the job site and failure to do so constitutes grounds for job shutdown.
2. Written notices are required:
 - a. 48 hours in advance of construction start up, and
 - b. When construction is completed and ready for final inspection

Mail notices to: Permit Administrator
Fort Bend County Engineering
301 JACKSON STREET
RICHMOND, Texas 77469
281-633-7500

3. This permit expires one (1) year from date of permit if construction has not commenced.

By [Signature]
County Engineer

By N/A
Drainage District Engineer/Manager

Presented to Commissioners Court and approved.
Recorded in Volume 4-28-15
Minutes of Commissioners Court.

Clerk of Commissioners Court
By [Signature]
Deputy

**PERFORMANCE BOND COVERING ALL CABLE, CONDUIT AND/OR POLE LINE
ACTIVITY IN, UNDER, ACROSS OR ALONG FORT BEND COUNTY ROADS
AUTHORIZED**

BOND NO. 929607883

THE STATE OF TEXAS §

KNOW ALL MEN BY THESE PRESENTS:

COUNTY OF FORT BEND §

THAT WE, Pavecon, Ltd. whose address is 3022 Roy Orr Blvd., Grand Prairie, Texas, Texas, hereinafter called the Principal, and Western Surety Company, a Corporation existing under and by virtue of the laws of the State of South Dakota and authorized to do an indemnifying business in the State of Texas, and whose principal office is located at 333 S. Wabash, Chicago, IL 55440, whose officer residing in the State of Texas, authorized to accept service in all suits and actions brought within said State is IBTX Risk and whose address is 6363 N. State Hwy 161, Suite 100, Irving, TX 75038, hereinafter called the Surety, and held and firmly bound unto, Robert E. Hebert, County Judge of Fort Bend County, Texas, or his successors in office, in the full sum of Five thousand & no/00 Dollars (\$ 5,000.00) current, lawful money of the United States of America, to be paid to said Robert E. Hebert, County Judge of Fort Bend County, Texas, or his successors in office, to which payment well and truly to be made and done, we, the undersigned, bind ourselves and each of us, our heirs, executors, administrators, successors, assigns, and legal representatives, jointly and severally, by these presents.

THE CONDITION OF THIS BOND IS SUCH THAT, WHEREAS, the above bounden principal contemplates laying, constructing, maintaining and/or repairing one or more cables, conduits, and/or pole lines in, under, across and/or along roads, streets and highways in the County of Fort Bend, and the State of Texas, under the jurisdiction of the Commissioners' Court of Fort Bend County, Texas, pursuant to the Commissioners' Court order adopted on the 1st day of December, A.D. 1980, recorded in Volume 13, of the Commissioners' Court Minutes of Fort Bend County, Texas, regulating same, which Commissioners' Court order is hereby referred to and made a part hereof for all purposes as though fully set out herein;

AND WHEREAS, the principal desires to provide Fort Bend County with a performance bond covering all such cable, conduit and/or pole line activity;

NOW, THEREFORE, if the above bounden principal shall faithfully perform all its cable, conduit and/or pole line activity (including, but not limited to the laying, construction, maintenance and/or repair of cables, conduits and/or pole lines) in, under, across and/or along roads, streets and highways in the County of Fort Bend and State of Texas, under the jurisdiction of the Commissioners Court of Fort Bend County, Texas, pursuant to and in accordance with minimum requirements and conditions of the above mentioned Commissioners' Court order set forth and specified to be by said principal done and performed, at the time and in the manner therein specified, and shall pay over and make good and reimburse Fort Bend County, all loss and damages which Fort Bend County may sustain by reason of any failure or default on the part of said principal, then this obligation shall be null and void, otherwise to remain in full force and effect.

This bond is payable at the County Courthouse in the County of Fort Bend and State of Texas.

It is understood that at any time Fort Bend County deems itself insecure under this bond, it may require further and/or additional bonds of the principal.

EXECUTED this 8th day of April, 2015.

Pavecon, Ltd.
PRINCIPAL

BY [Signature]

Western Surety Company
SURETY

BY [Signature]
Betty J. Hebert, attorney in fact

Western Surety Company

POWER OF ATTORNEY APPOINTING INDIVIDUAL ATTORNEY-IN-FACT

Know All Men By These Presents, That WESTERN SURETY COMPANY, a South Dakota corporation, is a duly organized and existing corporation having its principal office in the City of Sioux Falls, and State of South Dakota, and that it does by virtue of the signature and seal herein affixed hereby make, constitute and appoint

Pat J Moore, Gary W Wheatley, Bryan K Moore, Clark D Fresher, Betty J Reeh, Individually, of San Antonio, TX
Michael D Hendrickson, Patricia A Smith, Individually, of Irving, TX

its true and lawful Attorney(s)-in-Fact with full power and authority hereby conferred to sign, seal and execute for and on its behalf bonds, undertakings and other obligatory instruments of similar nature

- In Unlimited Amounts -

and to bind it thereby as fully and to the same extent as if such instruments were signed by a duly authorized officer of the corporation and all the acts of said Attorney, pursuant to the authority hereby given, are hereby ratified and confirmed.

This Power of Attorney is made and executed pursuant to and by authority of the By-Law printed on the reverse hereof, duly adopted, as indicated, by the shareholders of the corporation.

In Witness Whereof, WESTERN SURETY COMPANY has caused these presents to be signed by its Vice President and its corporate seal to be hereto affixed on this 13th day of March, 2015.



WESTERN SURETY COMPANY

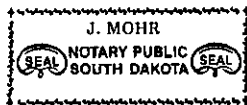
Paul T. Bruflat
Paul T. Bruflat, Vice President

State of South Dakota }
County of Minnehaha } ss

On this 13th day of March, 2015, before me personally came Paul T. Bruflat, to me known, who, being by me duly sworn, did depose and say: that he resides in the City of Sioux Falls, State of South Dakota; that he is the Vice President of WESTERN SURETY COMPANY described in and which executed the above instrument; that he knows the seal of said corporation; that the seal affixed to the said instrument is such corporate seal; that it was so affixed pursuant to authority given by the Board of Directors of said corporation and that he signed his name thereto pursuant to like authority, and acknowledges same to be the act and deed of said corporation.

My commission expires

June 23, 2015



J. Mohr
J. Mohr, Notary Public

CERTIFICATE

I, L. Nelson, Assistant Secretary of WESTERN SURETY COMPANY do hereby certify that the Power of Attorney hereinabove set forth is still in force, and further certify that the By-Law of the corporation printed on the reverse hereof is still in force. In testimony whereof I have hereunto subscribed my name and affixed the seal of the said corporation this 8th day of April, 2015.



WESTERN SURETY COMPANY

L. Nelson
L. Nelson, Assistant Secretary

COUNTY OF FORT BEND

Engineering Department

301 JACKSON STREET
RICHMOND, Texas 77469

Johnny Ortega
Permit Administrator

Phone: (281) 633-7500

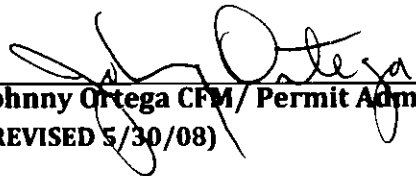
PERMIT APPLICATION REVIEW FORM FOR CABLE, CONDUIT, AND POLE LINE ACTIVITY IN FORT BEND COUNTY

PERMIT NO. 034824

The following "Notice of Proposed Cable, Conduit, and/or Pole Line activity in Fort Bend County" and accompanying attachments have been reviewed and the notice conforms to appropriate regulations set by Commissioner's Court of Fort Bend County, Texas.

- (1) Complete Application Form.
- a. Name of road, street, and/or drainage ditch affected.
 - b. Vicinity map showing course of direction.
 - c. Plans and specifications.
- (2) Bond:
- District Attorney, approval when applicable.
 - Perpetual bond currently posted.
No. _____
Amount _____
 - Performance bond submitted.
No. 929607883
Amount \$5,000.00
 - Cashier's Check.
No. _____
Amount _____
- (3) Verbal permission given for emergencies, to start construction before approved in Commissioner's Court.
- | | |
|---|-------------------------------|
| <input type="checkbox"/> Precinct Engineer Acknowledgment | <input type="checkbox"/> Date |
| <input type="checkbox"/> Precinct Commissioner Acknowledgment | <input type="checkbox"/> Date |
- (4) Drainage District Approval when applicable

We have reviewed this project and agree it meets minimum requirements.



Johnny Ortega CFM/ Permit Administrator
(REVISED 5/30/08)

04/20/2015

Date

FORT BEND COUNTY ENGINEERING PERMIT DEPARTMENT
CONSTRUCTION OF DRIVEWAYS AND CULVERTS ON COUNTY EASEMENTS AND RIGHT OF WAYS
COMMERCIAL PIPE PERMIT APPLICATION
 1124 BLUME ROAD ROSENBERG, TX 77471
Mailing Address: 301 Jackson Richmond, Texas 77469
 (Phone) 281-633-7502 or 7503 • (Fax) 281-633-7545

APPLICANT INFORMATION

Application No. 84824
 (County Use Only)

Applicant Name (KEVIN FENN) RAMLIE ANTHONY (HOUSTON PERMIT SUE)
 Applicant Mailing Address 9100 WINDFERN RD
 City HOUSTON State TX Zip 77064
 Work Phone 713.834.5669 Daytime Phone _____
 Property Owner's Name GRAND MASON PARTNERS LTD Phone 214-706-9074
 Property Owner's Mailing Address 8117 PRESTON RD. STE 300
 City DALLAS State TX Zip 75225

LOCATION OF PROPERTY

Subdivision MASON RD CHURCH Sec RES. RES A Lot _____ Blk _____
 Physical Address 9900 S. MASON RD. RICHMOND TX 77406

(PLEASE ATTACH SITE MAP)

SITE USE

- Driveway Curb & Gutter Section
- Culvert Only
- Driveway - Open Ditch Section
- Other LEFT TURN

As of 9/1/2014, we will no longer mail out permits. Instead, we will email them.
 Please complete:
 Name: SHAWN ROYER
 Email address: SHAWNROYER@YAHOO.COM

DRIVEWAY REQUIREMENTS

Length 20' minimum and 40' maximum Number of drives _____
 (See - Fort Bend County Procedures to be followed for Commercial Driveway, and Median Openings or Modifications)
 Available on website www.co-fort-bend.tx.us

Does project comply with Fort Bend County Lighting Regulation Yes () No ()
 (See- Fort Bend County Outdoor Lighting Regulation on website www.co-fort-bend.tx.us)

- By signing and submitting this permit application, I am stating that I am the owner of this property and I am aware of and agree to abide by the Fort Bend County Regulations of Subdivisions and I am aware of Section 2, Item F in the Permits for the Construction of Driveways & Culverts on County Easements and Right of Ways in Fort Bend County, and am responsible to obtain all other required permits associated with the above mentioned property. Driveway and Pipe Permits shall provide that construction pursuant to the permit will be commenced within six months and be completed within nine months from the date of the permit and that fees collected for said permits shall not be refundable or transferable. I further understand the permit fee, in the form of CASH or PERSONAL CHECK or COMPANY CHECK or a CASHIERS CHECK or MONEY ORDER payable to FORT BEND COUNTY, must be attached.
- The undersigned applicant, agent or attorney hereby certifies to Commissioners' Court to be strictly bound to Commissioners' Court to construct the driveway and/or culvert in strict conformity with the plans, specifications, terms, provisions and conditions of the permit and any other written material incorporated by reference in this application.
- Other permits may be required for development. Please contact the Fort Bend County Road & Bridge Department for pipe sizing or the Fort Bend County Health Department for information on On-Site Sewage Facility permits prior to planning construction.
- Failure to possess or obtain required permits will result in legal action against the property owner as allowed by law.

Ramlie Anthony
 Signature of Applicant, Agent or Attorney Date

RAMLIE ANTHONY
 Printed Name

SECTION 11 - SPECIFICATIONS

A. REINFORCE CONCRETE PIPE

(MINIMUM SIZE EIGHTEEN INCH (18") INSIDE DIAMETER)

1. Materials, manufacture and design of reinforced concrete pipe shall conform to ASTM C76, Class III, for circular pipe, ASTM C506 for arch pipe or ASTM C507 for elliptical pipe.
 - a. Pipe shall be subject to rejection for failure to conform to any of the specification requirements. Individual sections of pipe may be rejected because of any of the following:
 - (1) Fractures or cracks.
 - (2) Defects that indicate imperfect proportioning, mixing, and molding.
 - (3) Surface defects indicating honeycombed or open texture.
 - (4) Damaged ends, when such damage would prevent making a satisfactory joint.
2. Used pipe may be used providing it is in good condition and does not contain any of the defects listed above and is inspected and approved for use by the County Engineer or Road and Bridge Department.

B. CORRUGATED POLYETHYLENE PIPE

1. Materials, manufacture, and design of high density polyethylene pipe shall conform to:
 - a. ASTM F405, Standards Specifications for Corrugated Polyethylene Pipe and Fittings.
 - b. ASTM F667, Standards Specifications for Large Diameter Corrugated Polyethylene Pipe and Fittings.
 - c. AASHTO M252, Standards Specifications for Polyethylene Corrugated Drainage Pipe.
 - d. AASHTO M294, Standards Specifications for Corrugated Polyethylene Pipe, 12" to 18" diameter.
 - e. ASTM D2321, Standard Practice for Underground Installation of Thermoplastic Pipe for Sewers and Other Gravity Flow Applications.

C. CORRUGATED STEEL PIPE (CMP)

1. Corrugated steel pipe with 2-2/3" x 1/2" corrugations meeting the requirements of AASHTO designation M-218 of the latest issue and be a minimum of 16 gauge. Heavier gauge may be required depending on backfill, depth, loading etc.
2. Corrugated aluminized steel with 2- 2/3"x1/2" corrugations meeting the requirements of AASHTO designation M-274 of the latest issue and be a minimum of 16 gauge. Heavier gauge may be required depending on backfill depth, loading, etc.
3. Galvanized or aluminized steel pipe shall conform to the requirements of ASHTO M-36.
4. All pipe shall be annular corrugated or have annular corrugations on end of pipe to permit banding at joints.
5. Annularly corrugated pipe seams shall be riveted. Spiral pipe shall not be permitted.

D. CEMENT STABILIZED SAND

1. Cement stabilized backfill shall contain aggregate, water and a minimum of seven (7) percent Portland cement based on the dry mass of the aggregate, (1.5 sack of Portland cement per ton of mixture placed) in accordance with Test Method Tex-120-E. Cement stabilized backfill shall be placed in a manner that will completely fill all voids in the trench. Should compaction be required to fill all voids, hand operated tampers may be used.

E. INSTALLATION

1. All driveway construction including culvert and drainage structures shall comply with the above materials specification and Fort Bend County Standard Details.
2. Fort Bend County will provide only crushed concrete or (approved equal) surface. All other surfaces, concrete asphalt, etc., must be provided and installed by the applicant.
3. Decorative features such as brick pavers, stones headwalls or colored concrete will not be maintained by the County. If repairs work at a driveway or culvert is required the County shall not be responsible to replace or repair such items.

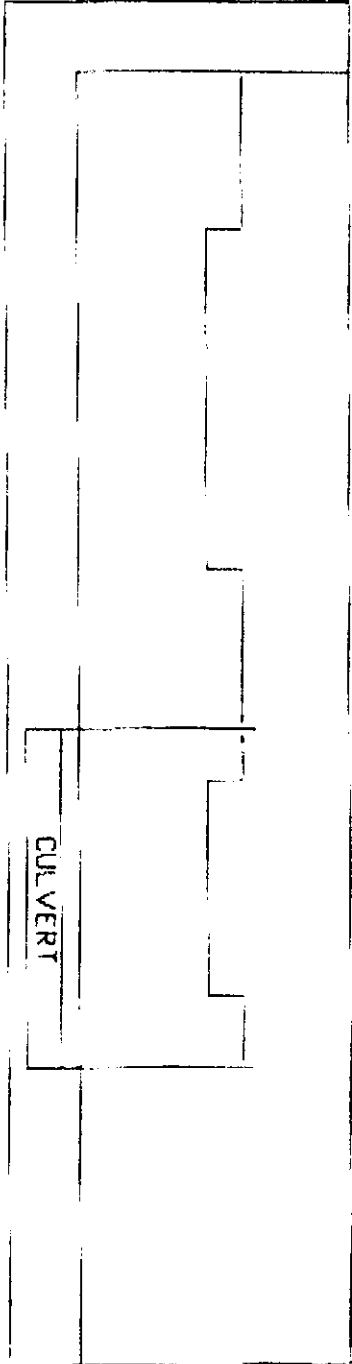
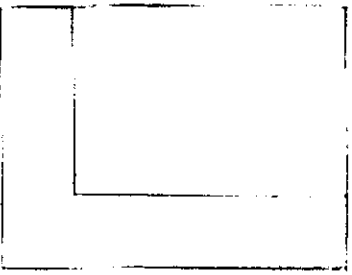
F. CONCRETE DRIVEWAYS OVER CULVERTS

1. Concrete driveways are not allowed to extend into the County Right of Way except as noted below:
 - a. In subdivisions that were platted and approved by Commissioners Court prior to approval of these regulations.
2. Control joints shall be placed at twelve (18) inches on each side of the culvert to permit future rework of culvert and or ditch grades (18" + 2 diameter of pipe on each side of centerline).

G. EXPANSION JOINT FILLER

1. Use preformed expansion joint filler conforming to the requirements of AASHTO M-33 or M-213.
2. Install expansion joint filler at locations and spacing shown on the detail sheets and/or as specified herein.
3. Install pre-molded expansion joint filler three-fourth (3/4) inch thick around all appurtenances such as inlets, manholes, utility poles, etc. that fall within the limits of concrete pavement.
4. Install pre-molded expansion joint filler three-fourth (3/4) inch between concrete pavement or sidewalks and any other fixed structure such as intersecting walks, curbs and pavement.
5. Install pre-molded expansion joint filler to the full depth of concrete.

USE ONLY IF NECESSARY AS A SITE PLAN



STREET NAME

STREET NAME

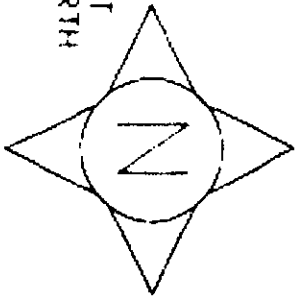
DISTANCE FROM
INTERSECTION

LENGTH OF
CULVERT A. R.O.W.

CULVERT

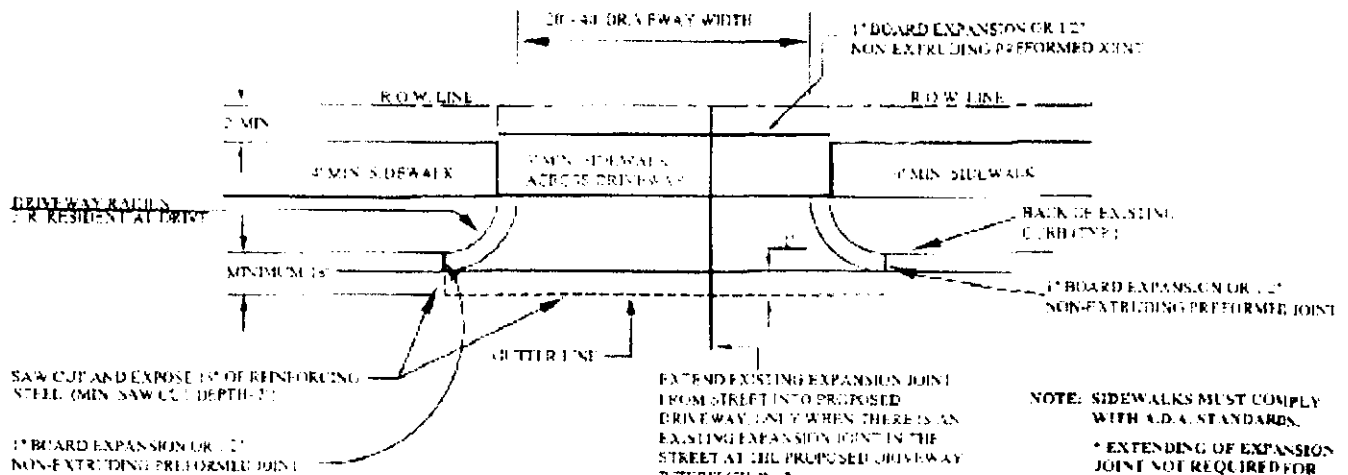
CULVERT

SHADE THE POINT
TO INDICATE NORTH



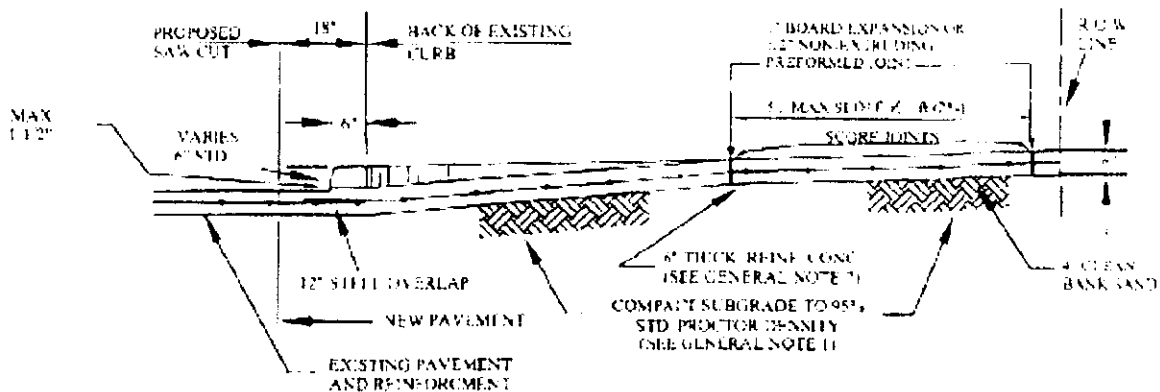
WHEN A RESIDENTIAL SIDEWALK, DRIVEWAY, CURB OR GUTTER IS CONSTRUCTED, RECONSTRUCTED, REPAIRED OR REGRADED ON COUNTY RIGHT-OF-WAY. FOR USE WITH CONCRETE OR ASPHALT CURB TYPE STREETS. USE SECTIONS APPLICABLE.

A. USE FOR ALL PROPOSED EXISTING CURB REMOVAL FOR DRIVEWAYS (PLAN VIEW NOT TO SCALE)



NOTE: SIDEWALKS MUST COMPLY WITH A.C.A. STANDARDS.
 * EXTENDING OF EXPANSION JOINT NOT REQUIRED FOR 4" ROLL OVER CURB BUT 1" BOARD EXPANSION JOINT MUST BE PROVIDED BACK OF CURB.

B. USE FOR ALL PROPOSED DRIVES ON CURBED TYPE STREETS



GENERAL NOTES:

1. COMPACT SUBGRADE FOR PROPOSED DRIVEWAY CONNECTION FROM PROPOSED SAW CUT AT EXISTING PAVEMENT TO R.O.W. LINE. COMPACT TO 95% OF STANDARD PROCTOR DENSITY (+/- 1% OPT. MOISTURE). THE COUNTY ENGINEER RESERVES THE RIGHT TO REQUIRE LABORATORY TESTS TO BE CONDUCTED.
2. PROPOSED DRIVEWAY REINFORCING STEEL IS TO BE #4 DEFORMED REINFORCING BARS (ASTM A615, GRADE 60 UNLESS NOTED) SPACED AT 24" C.C., EACH WAY, WITH 12" MINIMUM LAP FROM PROPOSED SAW CUT TO R.O.W. LINE.
3. PROPOSED DRIVEWAY SHALL BE CONSTRUCTED WITH PORTLAND CEMENT (5 1/2 SACKS OF CEMENT PER CUBIC YARD OF CONCRETE), CLASS "A" STRUCTURAL (REFER TO SPECIFICATION 6330), 4" THICK, FROM PROPOSED SAW CUT TO R.O.W. LINE.
4. PROPOSED SIDEWALK SHALL BE CONSTRUCTED WITH PORTLAND CEMENT (5 1/2 SACKS OF CEMENT PER CUBIC YARD OF CONCRETE), CLASS "A" STRUCTURAL (REFER TO SPECIFICATION 6330), 4 1/2" THICK.

SIDEWALKS & DRIVEWAYS ON
 CURB TYPE STREETS
 RESIDENTIAL AREA

DRAWN BY: J. BRDZICKA
 DATE DRAWN: 2-1-94
 APPROVED BY: L. HOOD
 DATE: 2-1-94

REVISED BY: R. GOMEZ
 DATE REVISED: 11-1-05
 DRAWING NO.
 FBC-010A

FORT BEND COUNTY ENGINEERING DEPARTMENT



Proposal and Contract
REVISION #1 (12/10/2014): Materials Pricing and Lane Closure Pricing Adjustments

March 5, 2014

Blazer Building, Inc.
9219 Katy Freeway, Suite 264
Houston, Texas 77024

Tele: 713.914.9200
Fax: 713.914.9292

Attn: Sean Rattertree

PAVECON, Ltd. will furnish all labor, materials and equipment required for the performance of the following described work in connection with construction or improvements at:

Mason Grand
South Mason Road & Lewisville Drive
Katy, TX.

Improvements as shown on provided drawing (PLANS "AS1" DATED 2/21/2014).
The work is to be performed as follows:

Item 1. 8" CONCRETE TURN LANE: 2,170 Square Feet in 1 Location.

Tree removal, irrigation work, landscape work and SWPPP (should not be required) is not being bid by Pavecon. Pavecon will address lane closure/construction permits, signage and traffic control officer on pour date. Saw cut defined limits and remove concrete as set for in plans. Excavate median vegetative matter and soil to 8" below final finish grade. Lime/flyash stabilize the subgrade with 22 lbs lime/flyash per square yard. Place and finish 8" concrete with #4 rebar 12" OCEW. Drill, dowel and grout into surrounding concrete on 18" centers enhance load-carrying capacity with #5 rebar pins, grouted into position. Bid includes 250 linear feet of doweled on curb reinforced with #4 rebar running continuously throughout. Concrete shall be 4,000 PSI with air entrainment for durability and resistance to surface scaling. Cure concrete with a liquid membrane curing compound to insure strength development. No split pours are included in this pricing. Pavecon is not liable for graffiti in concrete once job site has been departed for the day. Joint seal, curb striping and of install thermoplastic as indicated on plans after concrete has green cured (appx 30 days). If sub grade scope or concrete thickness is different on site change order will be required to adjust to match what is on site per plans.

Initial here to approve base scope as above _____.

\$ 65,671.00



Page 2. Mason Grand, March 5, 2014 (rev1)

Due to the current volatility affecting all of the petrochemicals that drive our everyday business, we are not able to guarantee our pricing. We strive to hold our prices for 15 days but we are receiving increases daily that we cannot always endure. Pavecon thanks you in advance for your patronage.

INCLUSIONS:

- Tax is on materials only.
- Permits, lane closures, barricades and traffic control officer on pour day
- Performance Bond
- Unit pricing prevails unless otherwise noted.
- Pavecon, Ltd guarantees this work for materials and workmanship under normal use for a period of 1 year excluding unusual abuse or neglect.

EXCLUSIONS:

- Testing and Engineering
- Construction is based upon continuous operations once we mobilize.
- Utility relocation/adjustment, irrigation, or landscape repair.
- Back-fill walks & curbs, curb islands.
- All work areas must be free of materials & equipment.
- Pumping, Heating, or Cooling of Concrete
- Demo, sawing, haul off of spoils by others.
Sub grade must be +/- 0.10': Proof rolling and yielding to be corrected by others.
- Corrective measures of approved sub base by others damaged prior to asphalt paving.
- This estimate is based on completing work in 1 move-ins.
- Construction Staking.
- Sleeves for Irrigation.
- Handrails.
- Dewatering.
- Rock Excavation.

TERMS AND CONDITIONS

- PAVECON, Ltd., will carry workmen's compensation insurance covering its employees and shall provide public liability and property damage insurance.
- *No work shall be performed prior to the location of all utility lines as located by DIG TESS services. The owner shall be responsible for the location of any irrigation lines, private electrical lines and any substructures unknown to PAVECON, Ltd. By accepting this proposal, Owner agrees to indemnify and to hold PAVECON, Ltd. harmless from all claims, including its reasonable attorneys' fee incurred in defending any claim, resulting from damages to any utility line, irrigation line, private electrical, or sub structure not identified or clearly marked. Any damage to clearly marked utility lines, irrigation line, private electrical lines, or sub structures shall be the responsibility of PAVECON, Ltd.*



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- Any changes from the specifications or modifications of the terms of this contract shall be set put in writing and signed by both parties.
- This proposal expires fifteen (15) days from the date hereof but may be accepted at any later date at the sole option of the Company.
- Unless a lump sum price is to be paid for the foregoing work, and is clearly so stated, it is understood and agreed that the quantities referred to above are estimates only and that payment shall be made at the stated unit prices on the actual quantities of work performed by PAVECON as determined upon completion of the work.
- PAVECON shall not be responsible for any damage to or deterioration of any of our work, whether completed or in process, resulting from any cause or causes beyond our control, but not limited to failure of sub-grade, including soil volume changes, or failure of inadequacy of any labor or materials not furnished and installed by us, whether or not such failure or inadequacy was or could have been known at the time our work was undertaken.
- PAVECON is not responsible for removing vehicles from repair areas. PAVECON will notify you in advance and you must make arrangements to have vehicles removed at your expense. *Any delays experienced by Pavecon due to unmoved vehicles can result in additional charges due to down time or additional mobilization costs.*
- *In the event all work under this contract is not completed in one operation, Company shall be paid in full for all items of work completed upon the completion thereof. Any work under this contract for which PAVECON has not received a "work order" calling for completion within one year from the date of this agreement will be subject to renegotiation of prices, or cancellation at PAVECON's option.*
- Terms of Payment - Payment in full for all work performed hereunder during any month shall be made no later than the tenth day of the month next following. Final and complete payment for all work performed herein shall be made upon completion of such work and receipt of our invoice. Interest at the rate of (18) percent per annum shall be charged you and paid by you on all unpaid balances from the due date to the date of receipt of payment by PAVECON. Reasonable attorney's fees and cost of collection shall be charged you and paid by you, if incurred by us.

If the foregoing meets with your acceptance, kindly sign and return the attached copy of our proposal. Upon its acceptance it is understood that the foregoing, including the terms and conditions set forth and attached hereto and incorporated herein for all purposes, will constitute the full and complete agreement between us.



Page 4. Mason Grand, March 5, 2014 (rev1)

Price Guarantee: We guarantee our price is the lowest in the industry considering: Our workmanship, warranty, scope of work, insurance, timely job start and use of high quality materials. **If for any reason you receive a cheaper estimate, please contact us.**

ACCEPTED:

KF2889A (rev1)

PAVECON, Ltd.

Kevin Fenn (CAS)
Project Manager

Mason Grand Apartments
New Concrete Left Turn Lane
Kevin F. / Pavecon Ltd.
12/19/2014



Mason Grand
Apts. Build Site

Westpark Tollway

S. Mason Road

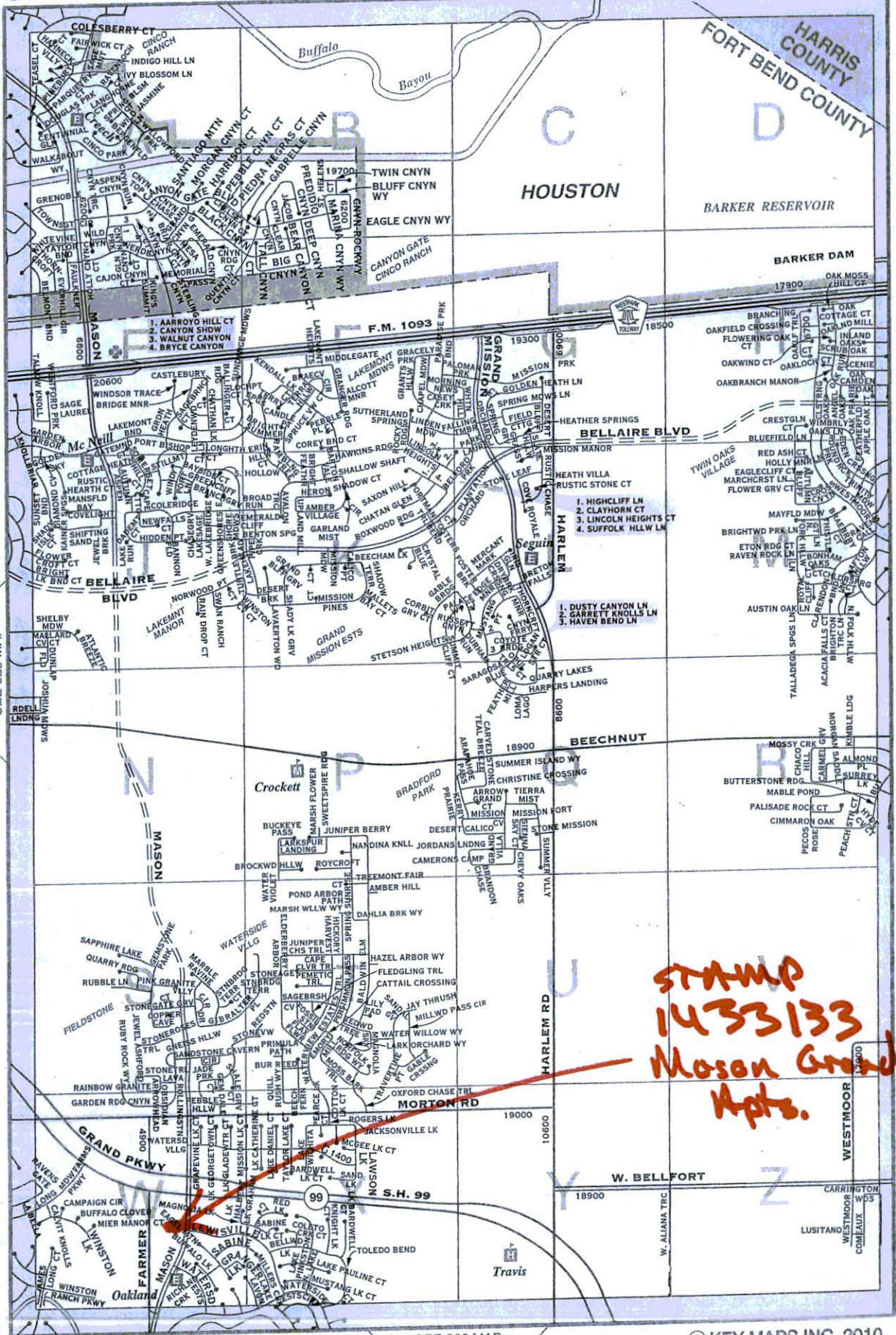
Lewisville Drive

Pavecon New
Concrete Left Turn
Lane Work Site

Google earth

Imagery Date: 5/2/2014 29°39'31.63" N 95°44'14.50" W elev 85 ft eye alt 1983 ft

1995



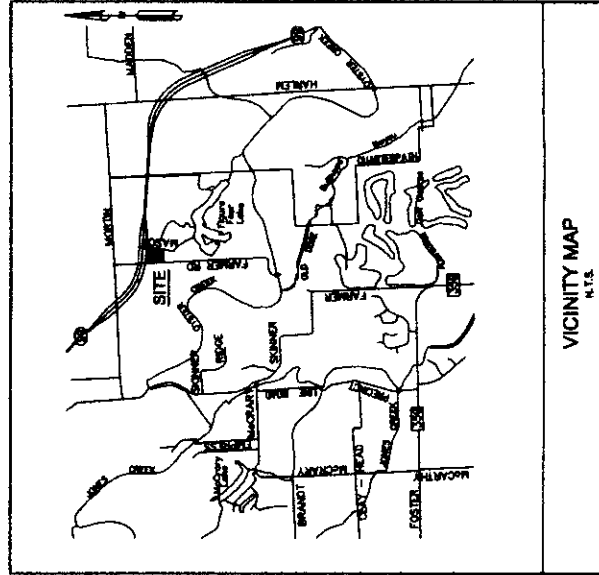
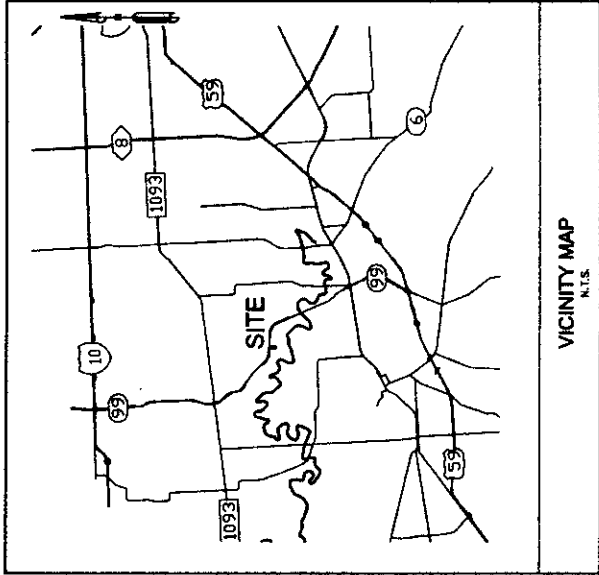
STAMP
1433133
Mason Grand
Apts.

SEE 525 MAP



COVER SHEET FOR MASON GRAND APARTMENTS FORT BEND COUNTY, TX PLAT: MASON GRAND

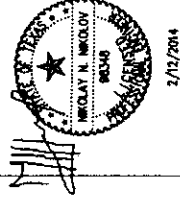
February 2014



DRAWING INDEX	
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15	Staircase Details
16	Left Turn Lane
17	TCF

CALL BEFORE YOU DIG
TEXAS ONE CALL PARTICIPANT'S REQUEST
48 HOURS NOTICE BEFORE YOU DIG, DRILL,
OR EXCAVATE
Texas One Call System
1-800-688-8344

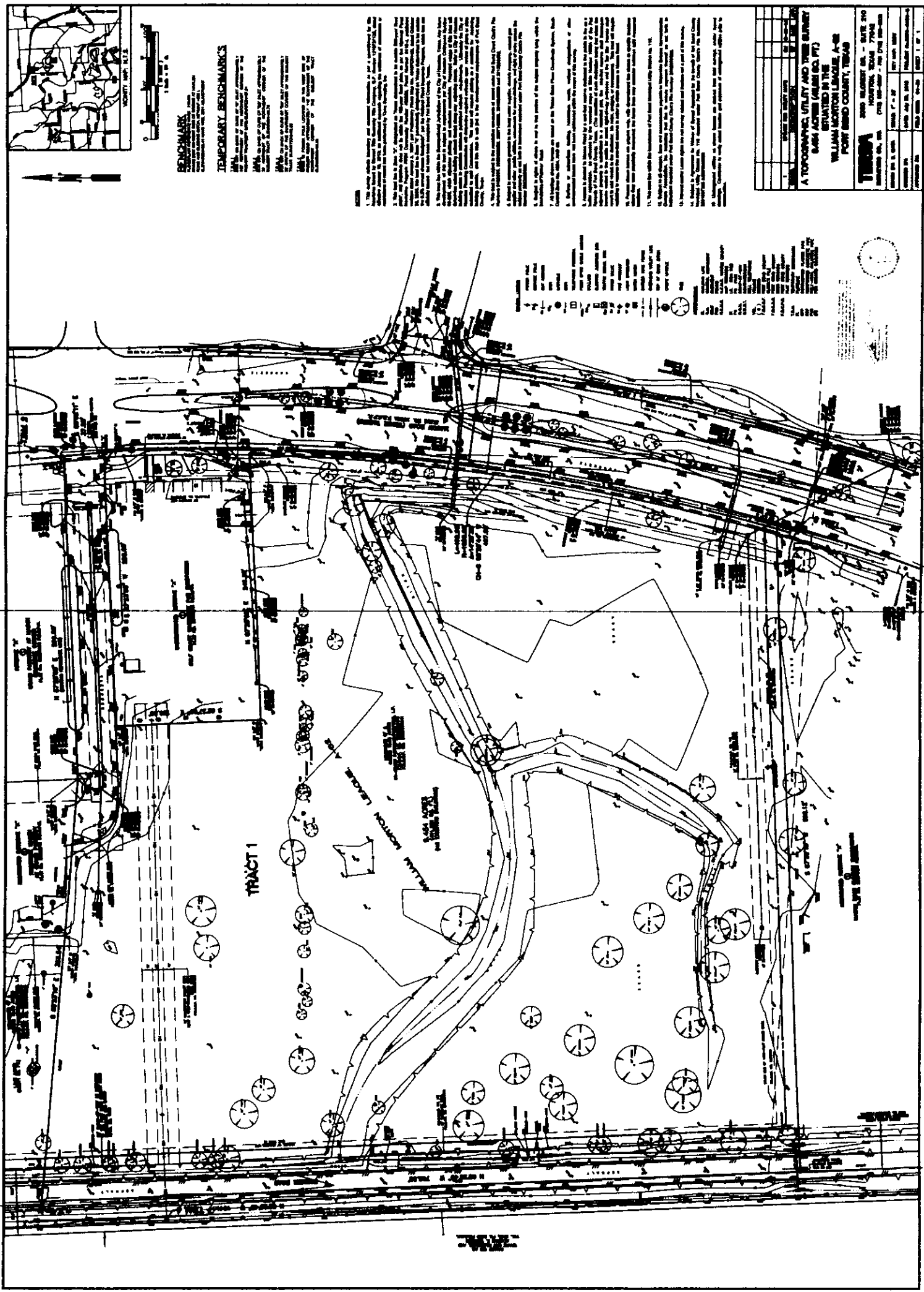
NOTE:
1. ALL FACILITIES EXCEPT THOSE INSTALLED BY THE DISTRICT OPERATOR WILL BE OWNED, OPERATED AND MAINTAINED BY THE APARTMENT PROJECT OWNERS OR THEIR SUCCESSORS IN TITLE.
2. THE DEVELOPER ACKNOWLEDGES AND AGREES TO COMPLY WITH THE FBC MUD 118 RATE ORDER EFFECTIVE JANUARY 1, 2008.



NNE INC
14022 Alvarado Dr., Suite 100
Houston, TX 77047
Tel: 281-762-2227
Fax: 281-762-2228

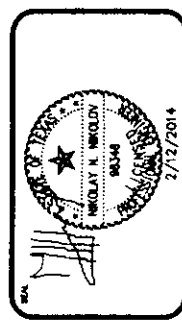
NNE PROJECT No. BCP 001 2013

APPROVED
FORT BEND COUNTY
[Signature]
FORWARD BY REGISTERED P.E.
FORT BEND COUNTY ENGINEER
DATE 10/22/14



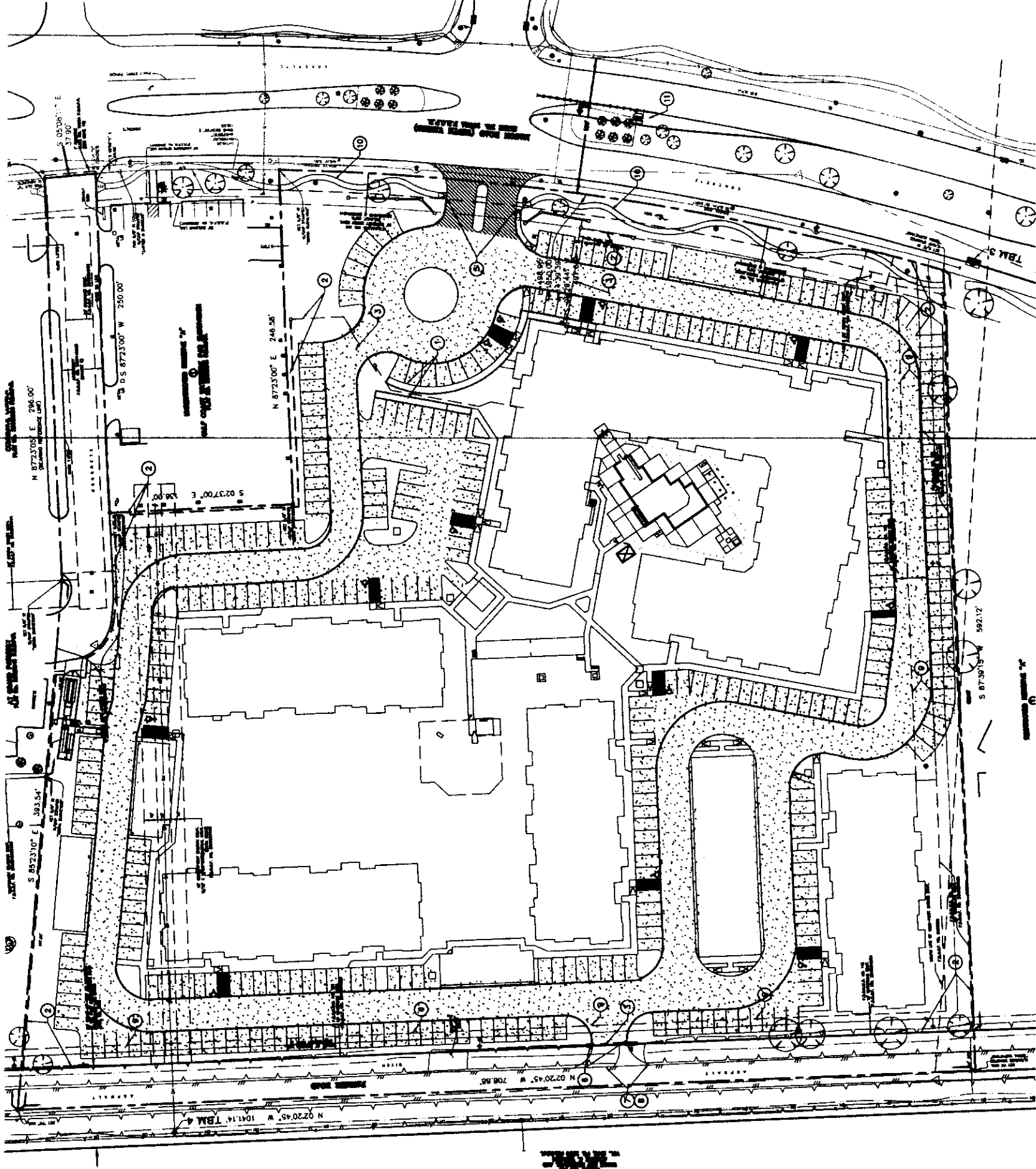
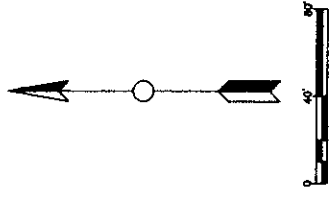
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5	ISSUE FOR PERMIT	02/12/14
4	SS REVISION	02/04/14
3	ISSUE FOR REVIEW	01/08/14
2	ISSUE FOR PERMIT	11/20/13
1	30% CD	09/18/13

NNE INC
 2402 Alameda Dr. Katy, TX 77494
 PHONE: 281-793-2327
 Texas PE Firm Reg. #12876



Project Name and Address:
MASON GRAND APARTMENTS
 ISSUE FOR PRICING
 Topo Survey

Project No.	BCP 001 2013
Date	2/12/2014
Sheet	NTS
Sheet No.	2

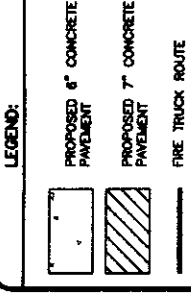


GENERAL NOTES:

1. REFER TO GEOTECHNICAL REPORT PREPARED BY TERRACON CONSULTANTS, INC. (TERRACON) UNDER AGREEMENT DATED AUGUST 12, 2013 FOR SUBGRADE PREPARATION AND PAVEMENT RECOMMENDATIONS.
2. FIRE LANE PAVEMENT MARKINGS SHALL BE INSTALLED USING RED AND WHITE TRAFFIC PAINT. THE BOUNDARIES OF THE FIRE LANE SHALL BE IDENTIFIED BY RED STRIPES AT LAST SETBACK AND WHITE STRIPES AT THE OTHER END. THE MARKINGS SHALL BE FOUR INCH WHITE LETTERS AT NO MORE THAN TWENTY-FIVE (25) FOOT ALTERNATING INTERVALS ON THE RED BORDER MARKINGS.
3. PROPOSED CURB IS 8" UNLESS OTHERWISE NOTED.

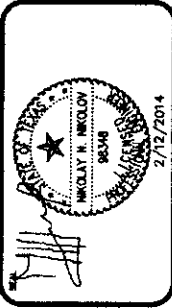
KEY NOTES:

1. SIDEWALK.
2. PROPOSED FENCE, RE. LANDSCAPE DRAWINGS FOR DETAILS.
3. IRON GATE, RE. LANDSCAPE PLANS FOR DETAILS.
4. FIRE LANE MARKINGS.
5. BEGIN FIRE LANE PAVEMENT MARKING.
6. END FIRE LANE PAVEMENT MARKING.
7. CONTRACTOR TO TAPER CONCRETE CURB FROM 8" CURB TO 0" CURB. REFER TO CURB TAPER DETAIL.
8. CONTRACTOR TO PLACE AN EXPANSION JOINT AT ALL EASEMENT LIMITS. CONTRACTOR TO INSTALL EXPANSION JOINT AT ALL EASEMENT LIMITS.
9. PROPOSED SIDEWALK, RE. LANDSCAPE PLANS FOR DETAILS AND DIMENSIONS.
10. LEFT TURN LANE, RE. SHEET 16 FOR DETAILED DESIGN.



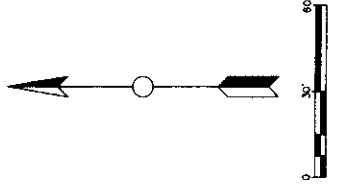
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NNE INC
 2422 Alvarado Dr. Bay, TX 79414
 PHONE: 214-792-2327
 FAX: 214-792-2327
 Texas PE Firm Reg. # 12876



Project Name and Address:
MASON GRAND APARTMENTS
 ISSUE FOR PRICING
 Paving Plan

Project No.	BCP 001 2013
Date	2/12/2014
Sheet	NTS
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LEGEND:

- FIRE HYDRANT
- WATER VALVE
- TAPPING SLEEVE & VALVE
- WATER LINE 24" & SMALLER
- SANITARY SEWER MANHOLE
- SANITARY SEWER CLEANOUT
- SANITARY SEWER 24" & SMALLER

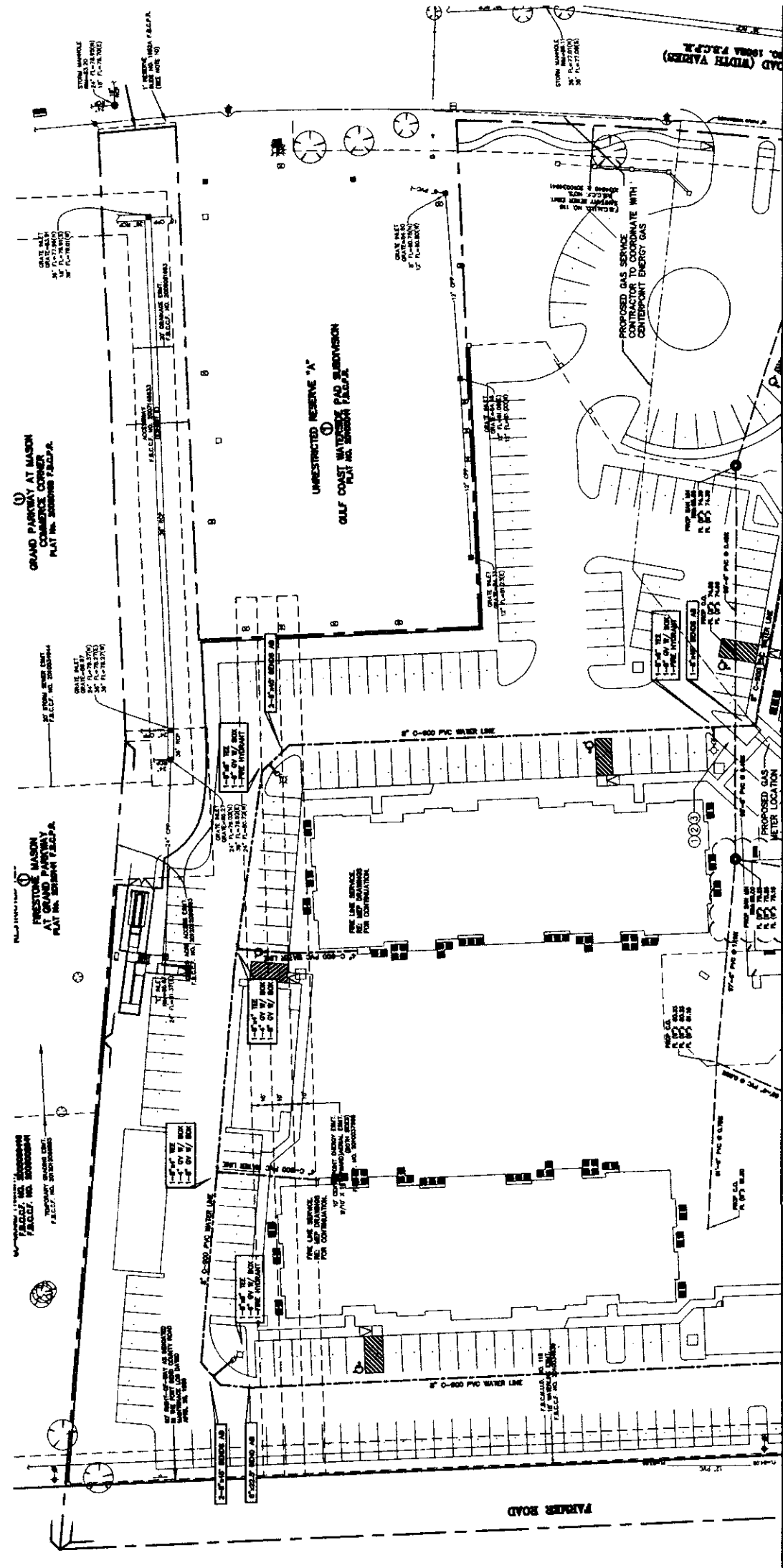
No.	Revision/Issue	Date
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A1	ASI #1	02/21/14

NNE INC
 2802 Alameda Dr., Suite 110, Dallas, TX 75244
 PHONE: 214.266.2376
 TOLL FREE: 800.842.1876



Project Name and Address:
MASON GRAND APARTMENTS
ISSUE FOR PRICING
 Utility Plan 1 of 2

Sheet	5
Drawn	2/21/2014
Scale	NTS
Project	BCP 001 2013



GENERAL NOTES:

1. PROVIDE MIN 4" COVER FOR WATERLINE.
2. OFFSET WATERLINE AT UTILITY CROSSINGS - 1' MIN. FOR STORM SEWER AND 2' MIN. FOR SANITARY SEWER.
3. CONTRACTOR SHALL COORDINATE ALL WORK WITHIN FARMER ROAD RIGHT-OF-WAY WITH THE FORT BEND COUNTY ROAD AND BRIDGE DEPARTMENT, 281-341-9562.
4. CONTRACTOR SHALL CONTACT THE DISTRICT OPERATIONS DIVISION (281-866-0800) 48 HOURS IN ADVANCE AT 281-866-0800-0180 FOR THE REQUIRED INSPECTIONS.

KEYED NOTES:

1. PLACE 1 FULL SECTION (18 FT MIN) OF PRESSURE RATED C-900PVC WATER LINE PIPE CENTERED AT SANITARY SEWER CROSSING. PROVIDE RESTRAINED JOINTS ON WATER LINE CROSSING AT LEAST 9 FT HORIZONTALLY FROM CENTERLINE OF SANITARY SEWER.
2. PLACE 1 FULL SECTION (18 FT MIN) OF PRESSURE RATED 8" C-900 PVC SANITARY SEWER PIPE CENTERED AT WATER LINE CROSSING. PROVIDE RESTRAINED JOINTS ON SANITARY SEWER SPACED AT LEAST 9 FT HORIZONTALLY FROM CENTERLINE OF WATER LINE.
3. ENBED SANITARY SEWER WITH CEMENT STABILIZED SAND FOR THE TOTAL LENGTH OF 1 PIPE SEGMENT PLUS 1 FOOT BEYOND THE JOINTS ON EACH END.

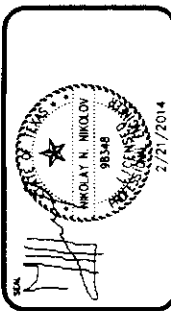
WARNING
 OVERHEAD AND UNDERGROUND UTILITIES MAY EXIST IN THE VICINITY OF THIS PROJECT. LOCATIONS SHOWN FOR EXISTING UTILITIES ARE APPROXIMATE AND OTHER UTILITIES MAY EXIST IN THE VICINITY OF THE PROJECT WHICH ARE NOT SHOWN ON THE PLANS.
 IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE ALL EXISTING UTILITIES IN THE VICINITY OF THE PROJECT, PRIOR TO BEGINNING CONSTRUCTION.

MATCH LINE SHEET 5.1

- LEGEND:**
- ◆ FIRE HYDRANT
 - WATER VALVE
 - WATER METER
 - TAPPING SLEEVE & VALVE
 - WATER LINE 24" & SMALLER
 - SANITARY SEWER MANHOLE
 - SANITARY SEWER CLEANOUT
 - C.O. SANITARY SEWER 24" & SMALLER

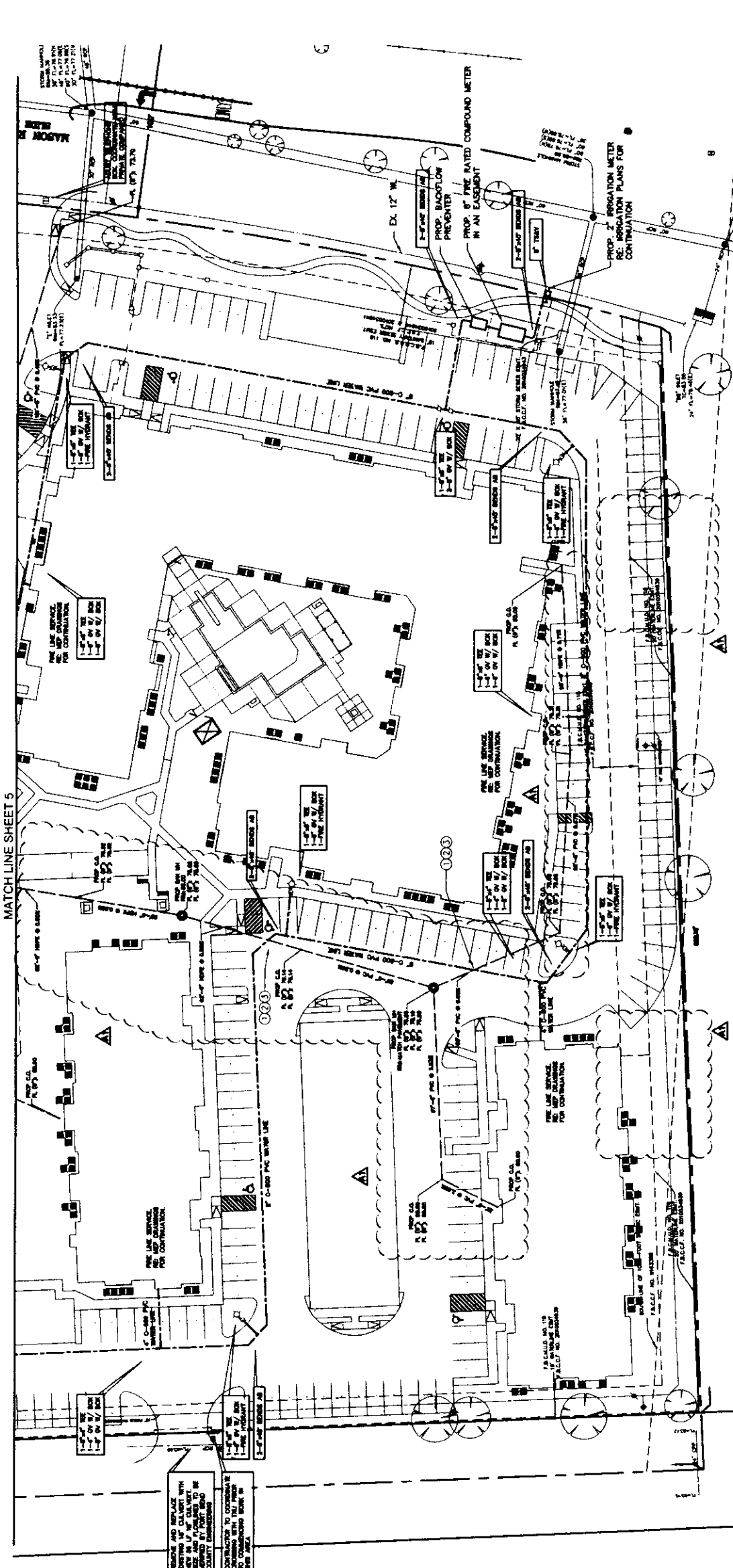
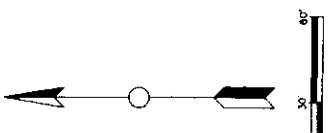
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4	SS REVISION	02/04/14
5	ISSUE FOR PERMIT	02/12/14
A1	AS #1	02/21/14

NNE INC
 1425 ANCHORAGE, SUITE 111, TAMPA, FL 33604
 PHONE: 813.961.1111
 FAX: 813.961.1112



Project Name and Address
MASON GRAND APARTMENTS
 ISSUE FOR PRICING
 Utility Plan 2 of 2

Project	BCP 001 2013	Sheet	5.1
Date	2/21/2014	Scale	NTS



KEYED NOTES:

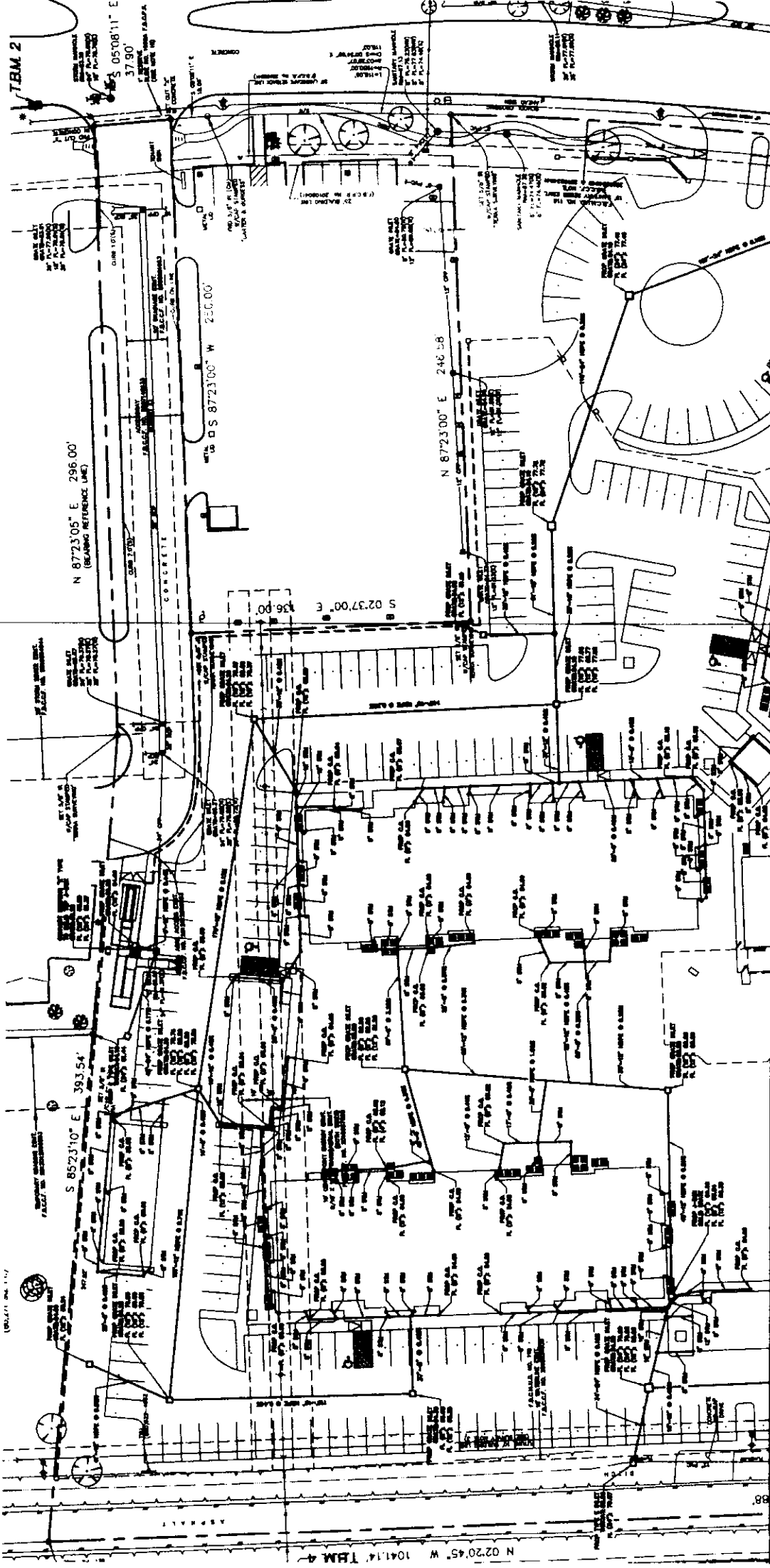
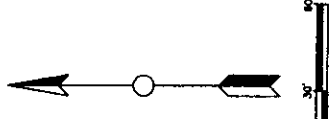
1. PLACE 1 FULL SECTION (18 FT MIN) OF PRESSURE RATED C-900PVC WATER LINE PIPE CENTERED AT SANITARY SEWER CROSSING. PROVIDE RESTRAINED JOINTS ON WATER LINE SPACED AT LEAST 8 FT HORIZONTALLY FROM CENTERLINE OF SANITARY SEWER.
2. PLACE 1 FULL SECTION (18 FT MIN) OF PRESSURE RATED SDR26 PVC SANITARY SEWER PIPE CENTERED AT WATER LINE CROSSING. PROVIDE RESTRAINED JOINTS ON SANITARY SEWER SPACED AT LEAST 9 FT HORIZONTALLY FROM CENTERLINE OF WATER LINE.
3. EASED SANITARY SEWER WITH CEMENT STABILIZED SAND FOR THE TOTAL LENGTH OF 1 PIPE SEGMENT PLUS 1 FOOT BEYOND THE JOINTS ON EACH END.

GENERAL NOTES:

1. PROVIDE MIN 4" COVER FOR WATERLINE.
2. OFFSET WATERLINE AT UTILITY CROSSINGS - 1" MIN. FOR STORM SEWER AND 2" MIN. FOR SANITARY SEWER.
3. CONTRACTOR SHALL COORDINATE ALL WORK WITHIN FARMER ROAD RIGHT-OF-WAY WITH THE FORT BEND COUNTY ROAD AND BRIDGE DEPARTMENT, 281-341-8562.
4. CONTRACTOR SHALL CONTACT THE DISTRICT OPERATOR, EDP (MIKE BREWER), 48 HOURS IN ADVANCE AT 281-355-0160 FOR THE REQUIRED INSPECTIONS.

WARNING
 OVERHEAD AND UNDERGROUND UTILITIES MAY EXIST IN THE VICINITY OF THIS PROJECT. LOCATIONS SHOWN FOR EXISTING UTILITIES ARE FOR INFORMATION ONLY. OTHER UTILITIES MAY EXIST IN THE VICINITY OF THE PROJECT WHICH ARE NOT SHOWN ON THE PLANS.
 IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE ALL EXISTING UTILITIES IN THE VICINITY OF THE PROJECT, PRIOR TO BEGINNING CONSTRUCTION.

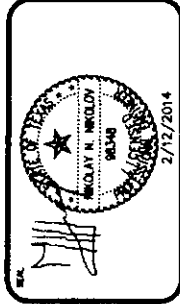
DATE: 02/21/14
 BY: MICHAEL N. NIKOLOV
 PROJECT: MASON GRAND APARTMENTS
 SHEET: 5.1 OF 5.1



LEGEND:
 □ STORM SEWER INLET
 — STORM SEWER 24" & SMALLER
 = STORM SEWER 30" & GREATER

No.	Revision/Issue	Date
5	ISSUE FOR PERMIT	02/12/14
4	SS REVISION	02/04/14
3	ISSUE FOR REVIEW	01/08/14
2	ISSUE FOR PERMIT	11/20/13
1	30% CD	09/18/13

NNE INC
 2402 Alameda Dr., Katy, TX 77450
 Phone: 281-992-2271
 Fax: 281-992-2270



Project Name and Address
MASON GRAND APARTMENTS
 ISSUE FOR PRICING
 Storm Sewer Plan 1 of 2

Project	BCP 001 2013
Date	2/12/2014
Scale	NTS
Sheet	5.2

GENERAL NOTES:

1. CONTRACTOR SHALL COORDINATE ALL WORK WITHIN FARMER ROAD FRONT-OF-WAY WITH THE FORT BEND COUNTY ROAD AND BRIDGE DEPARTMENT, 281-341-6962

DOWNSPOUT NOTES:

1. CONTRACTOR SHALL ADJUST DEPTH OF DOWN SPOUTS AS NEEDED BASED ON STORM SEWER FLOW LINES.
2. ALL ROOF DRAIN COLLECTOR LINE SLOPES SHALL BE A MINIMUM OF 0.5 %.

WARNING
 OVERHEAD AND UNDERGROUND UTILITIES MAY BE LOCATED IN THE VICINITY OF THIS PROJECT. CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES AND OTHER UTILITIES IN THE VICINITY OF THE PROJECT WHICH ARE NOT SHOWN ON THE PLANS.
 IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE ALL EXISTING UTILITIES IN THE VICINITY OF THE PROJECT, PRIOR TO BEGINNING CONSTRUCTION.

MATCH LINE SHEET 5.3

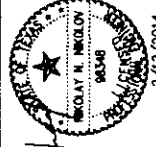
LEGEND:

- STORM SEWER BALET
- STORM SEWER 24" & SMALLER
- === STORM SEWER 30" & GREATER

No.	Revision/Issue	Date
5	ISSUE FOR PERMIT	02/12/14
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3	ISSUE FOR REVIEW	01/08/14
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1	30% CD	09/18/13

NNE INC

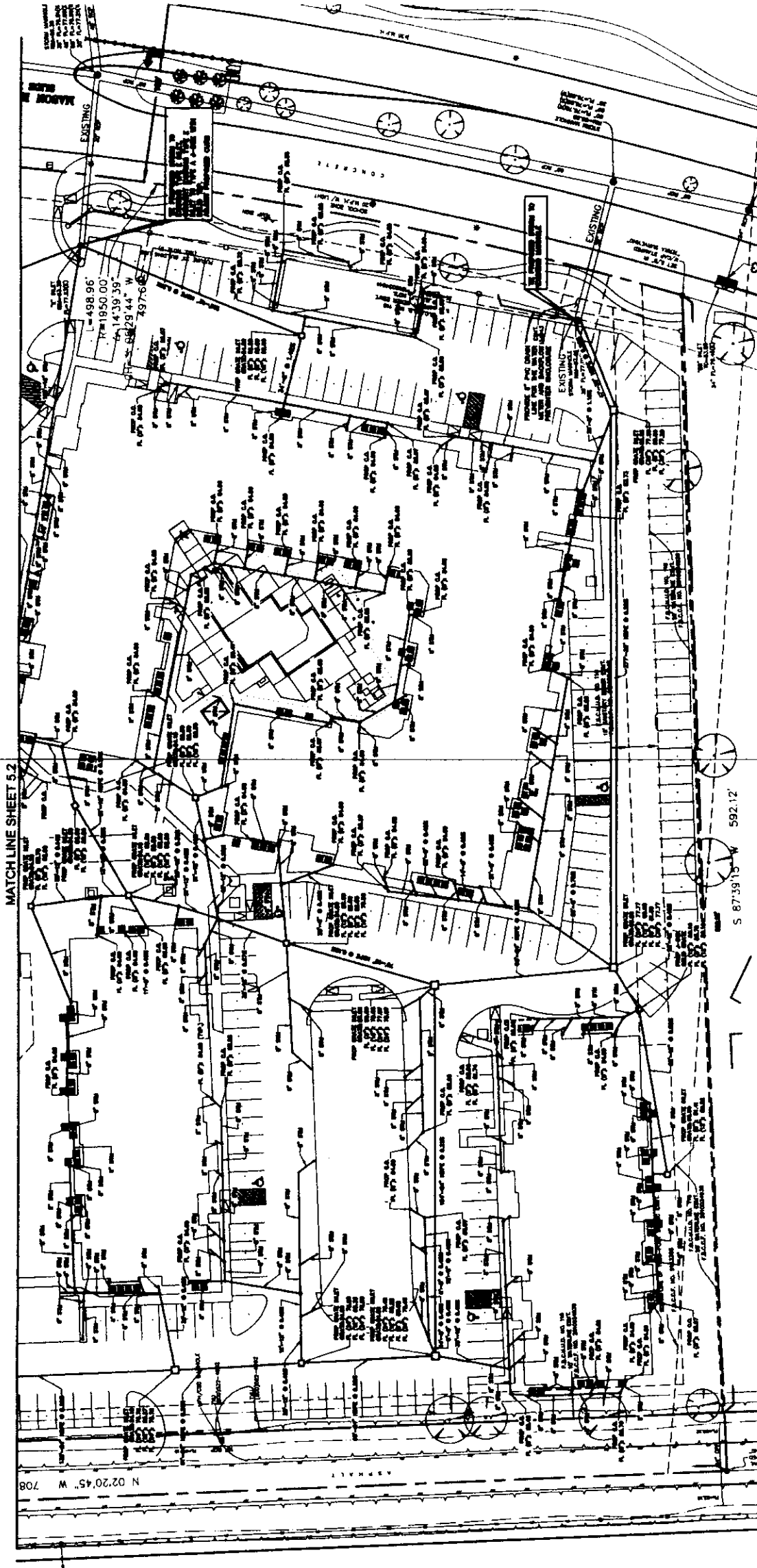
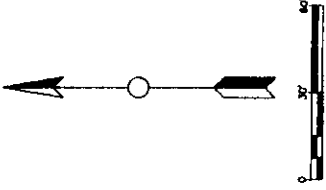
2422 Alameda Dr. E., Ft. Worth, TX 76104
 Phone: 817-792-2277
 Fax: 817-792-2277



Project Name and Address:
MASON GRAND APARTMENTS
 ISSUE FOR PRICING
 Storm Sewer Plan 2 of 2

Project No.	BCP 001 2013
Date	2/12/2014
Scale	NTS
Sheet No.	5.3

APP M21014



GENERAL NOTES:

- CONTRACTOR SHALL COORDINATE ALL WORK WITHIN FARMER ROAD RIGHT-OF-WAY WITH THE FORT BEND COUNTY ROAD AND BRIDGE DEPARTMENT, 281-341-8882

DOWNSPOUT NOTES:

- CONTRACTOR SHALL ADJUST DEPTH OF DOWN SPOUTS AS NEEDED BASED ON STORM SEWER FLOW LINES.
- ALL ROOF DRAIN COLLECTOR LINE SLOPES SHALL BE A MINIMUM OF 0.5 %.

WARNING

OVERHEAD AND UNDERGROUND UTILITIES MAY BE LOCATED IN THE VICINITY OF THIS PROJECT. LOCATIONS OF OVERHEAD UTILITIES ARE APPROXIMATE AND OTHER UTILITIES MAY EXIST IN THE VICINITY OF THE PROJECT WHICH ARE NOT SHOWN ON THE PLANS.
 IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE ALL UTILITIES IN THE VICINITY OF THE PROJECT, PRIOR TO BEGINNING CONSTRUCTION.

LEGEND:

EXISTING ELEVATIONS	
TC	TOP OF CURB
TP	TOP OF PAVEMENT
TW	TOP OF WALK
TR	TOP OF RAMP
TO	TOP OF GRADE
FG	FINISH GROUND
FF	FINISHED FLOOR
TB	TOP OF BANK
FL	FLOW LINE
MEP	MATCH EXISTING PAVEMENT
---	PROPOSED RIDGES
---	SHEET FLOW DIRECTION
---	EXTREME FLOW EVENT
---	OFFSITE FLOWS

AST #1	Date
A1	02/21/14
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2	ISSUE FOR PERMIT 11/20/13
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No	Revision/Issue

NNE INC

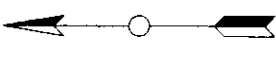
2422 N. WILSON ST. SUITE 111
PHOENIX, AZ 85016
TEL: 602.998.1111
WWW.NNEINC.COM



Project Name: MASON GRAND APARTMENTS
ISSUE FOR PRICING
Grading Plan 1 of 2

Project: BCP 001 2013
Date: 2/21/2014
Scale: NTS

Sheet: 6

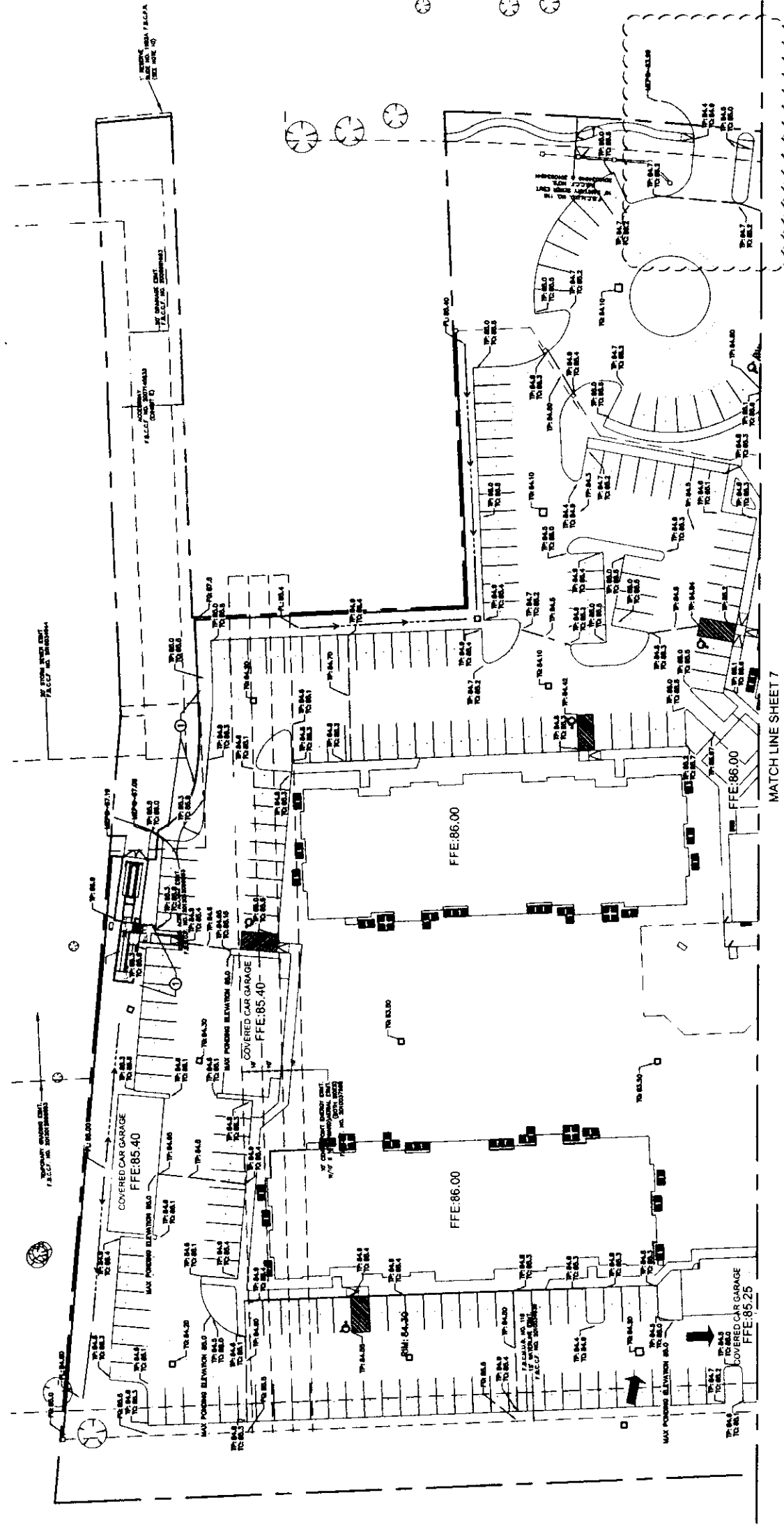


GENERAL NOTES:

1. ALL CURBS TO BE 6 INCHES IN HEIGHT UNLESS OTHERWISE SHOWN ON PLANS.
2. CONTRACTOR TO ENSURE THAT ALL RAMPS AND SIDEWALKS MEET ADA/TOUR REQUIREMENTS.
3. REFER TO LANDSCAPE DRAWINGS FOR DETAILED GRADING, SIDEWALK AND COMMON AREA GRADING AND DRAINAGE.

KEYED NOTES:

1. CONTRACTOR TO GRADE AT A SLOPE NOT TO EXCEED 3:1.



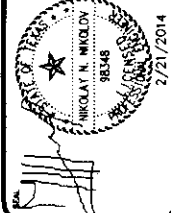
LEGEND:

- EXISTING ELEVATIONS
 TC TOP OF CURB
 TP TOP OF PAVEMENT
 TW TOP OF WALK
 TR TOP OF RAMP
 TG TOP OF GRATE
 FG FINISH GROUND
 FF FINISHED FLOOR
 TB TOP OF BANK
 FL FLOW LINE
 MEP MATCH EXISTING PAVEMENT
 PROPOSED RIDGES
 SHEET FLOW DIRECTION
 EXTREME FLOW EVENT
 OFFSITE FLOWS

AI	ASI #1	Date
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No.	Revision/Issue	Date

NNE INC

2432 Alvarado, Dallas, TX 75244
 PHONE: 214-760-2334
 FROM: 7510000000



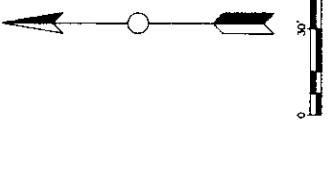
Project Name and Address
MASON GRAND APARTMENTS
 ISSUE FOR PRICING
 Grading Plan 2 of 2

Project: BCP 001 2013

Date: 2/21/2014

Scale: NTS

Sheet: 7

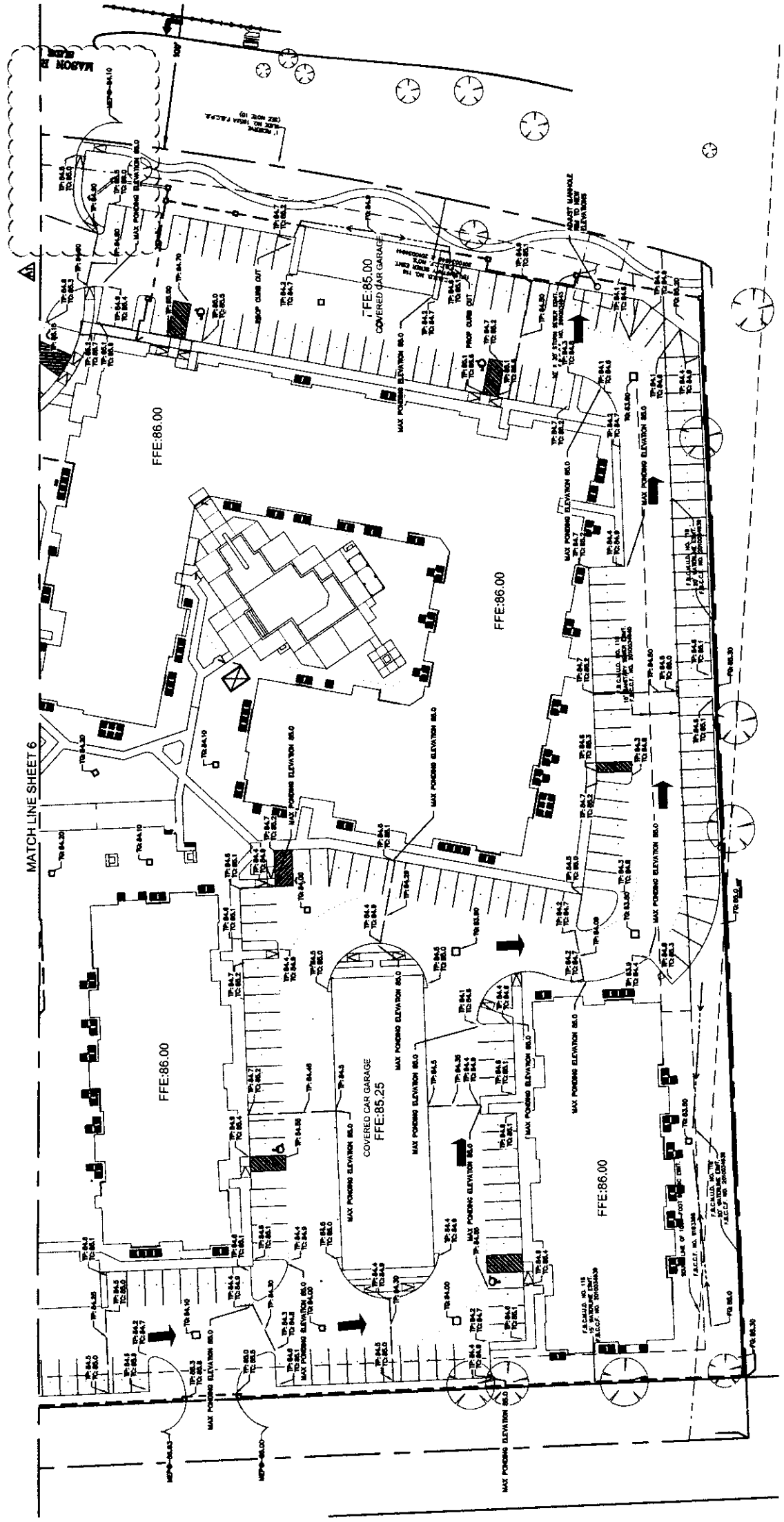


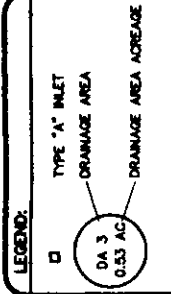
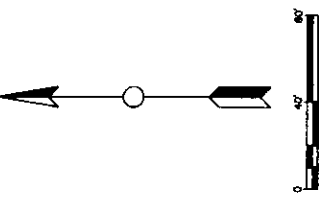
GENERAL NOTES:

1. ALL CURBS TO BE 8 INCHES IN HEIGHT UNLESS OTHERWISE SHOWN ON PLANS.
2. CONTRACTOR TO ENSURE THAT ALL CURBS AND SIDEWALKS MEET ADA/TOUR REQUIREMENTS.
3. REFER TO LANDSCAPE DRAWINGS FOR DETAILED GRADING, SIDEWALK AND COMMON AREA GRADING AND DRAINAGE.

KEYED NOTES:

1. CONTRACTOR TO GRADE AT A SLOPE NOT TO EXCEED 3:1.





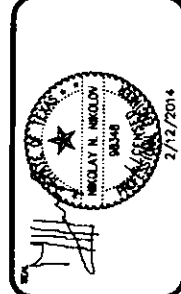
Storm Drainage Schedule

Note: Refer to Storm Inlet Detail for Dimensions

Structure	Grates Model
A1	CB27
A2	CB27
A3	CB27
A4	CB27
A4.1	CB27
A5	CB27
A6	CB27
A7	CB27
B1	CB27
B2	CB27
B3	CB27
B4	CB27
B5	CB27
B6	CB27
B7	CB27
B7.1	CB27

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NNE INC
 1403 Alameda Dr. Suite 117
 Oakland, CA 94612
 Phone: 510.943.3337
 Fax: 510.943.3338



MASON GRAND APARTMENTS
 ISSUE FOR PRICING
 Drainage Plan

BCP 001 2013
 2/12/2014
 NTS
 8

SYSTEM A

Station	Length	Area	C	Ts	Intensity	Q	Velocity	Depth
1+00	100	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1+10	100	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1+20	100	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1+30	100	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1+40	100	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1+50	100	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1+60	100	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1+70	100	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1+80	100	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1+90	100	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2+00	100	0.00	0.00	0.00	0.00	0.00	0.00	0.00

SYSTEM B

Station	Length	Area	C	Ts	Intensity	Q	Velocity	Depth
1+00	100	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1+10	100	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1+20	100	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1+30	100	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1+40	100	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1+50	100	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1+60	100	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1+70	100	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1+80	100	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1+90	100	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2+00	100	0.00	0.00	0.00	0.00	0.00	0.00	0.00

SHALLOW CONCENTRATED FLOW

DA	LENGTH	SLOPE	VEL	Ts
P1	280	0.002	0.31	14.99

PUBLIC SYSTEM

Station	Length	Area	C	Ts	Intensity	Q	Velocity	Depth
1+00	100	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1+10	100	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1+20	100	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1+30	100	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1+40	100	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1+50	100	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1+60	100	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1+70	100	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1+80	100	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1+90	100	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2+00	100	0.00	0.00	0.00	0.00	0.00	0.00	0.00

SYSTEM A

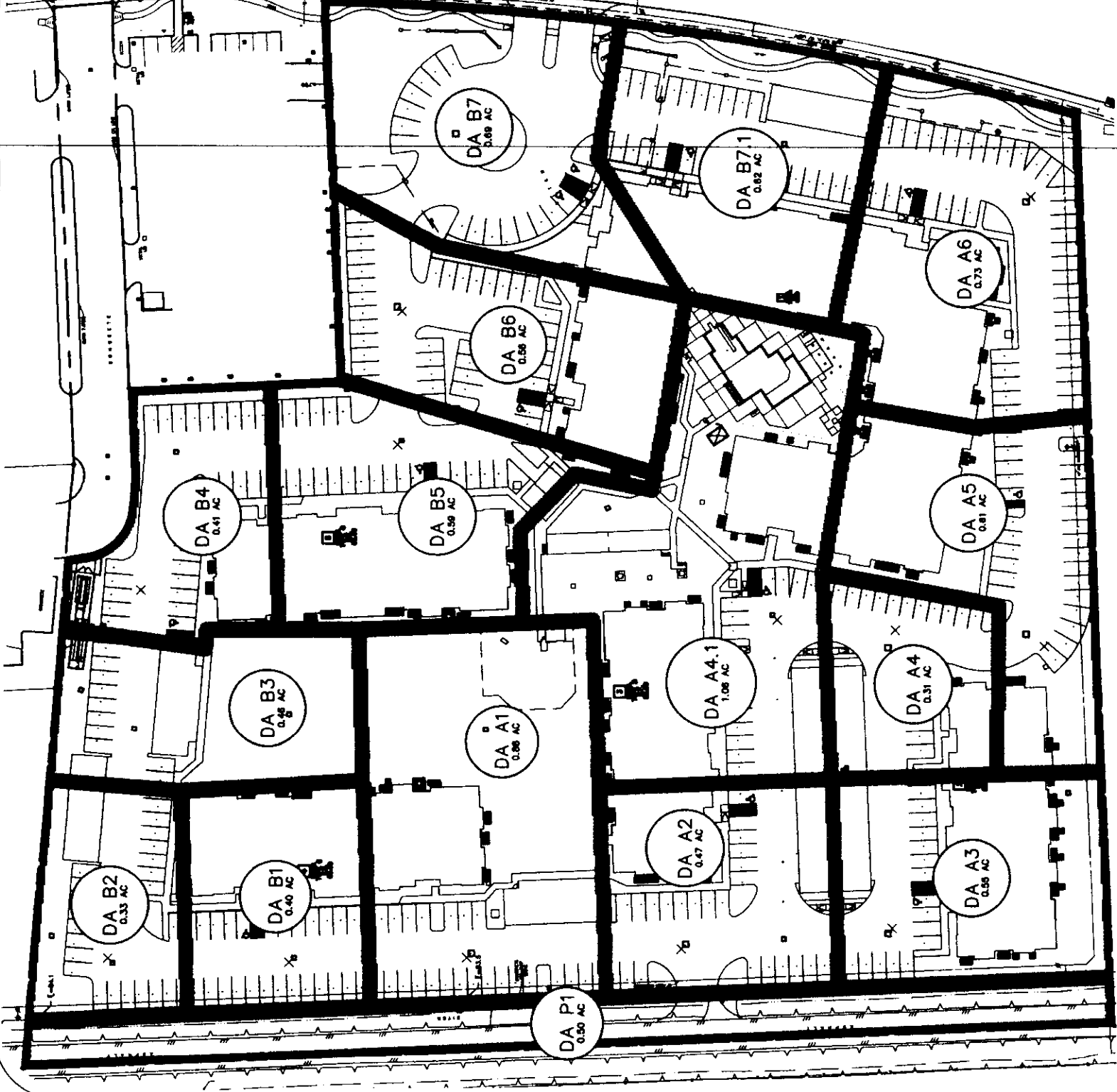
Station	Length	Area	C	Ts	Intensity	Q	Velocity	Depth	Channel	Capacity	Velocity	Depth
1+00	100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1+10	100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1+20	100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1+30	100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1+40	100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1+50	100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1+60	100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1+70	100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1+80	100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1+90	100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2+00	100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

SYSTEM B

Station	Length	Area	C	Ts	Intensity	Q	Velocity	Depth	Channel	Capacity	Velocity	Depth
1+00	100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1+10	100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1+20	100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1+30	100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1+40	100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1+50	100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1+60	100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1+70	100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1+80	100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1+90	100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2+00	100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

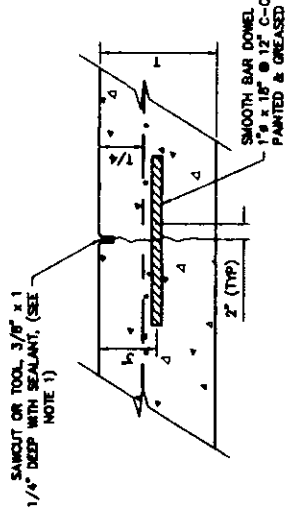
PUBLIC SYSTEM

Station	Length	Area	C	Ts	Intensity	Q	Velocity	Depth	Channel	Capacity	Velocity	Depth
1+00	100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1+10	100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1+20	100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1+30	100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1+40	100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1+50	100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1+60	100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1+70	100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1+80	100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1+90	100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2+00	100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

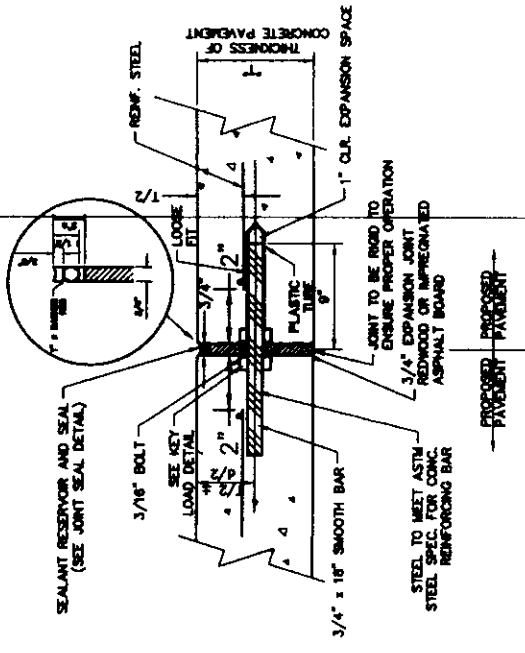


sheet M of M

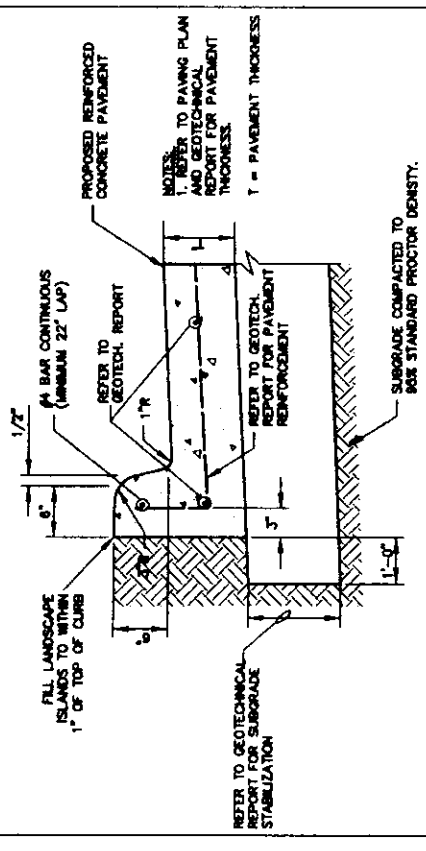
NOTES:
 1. SEALANT MATERIAL TO BE 00-44 ASPHALT OR A RUBBER BASED COMPOUND. U.N.O. SPECIFICATIONS TO BE SUBMITTED TO THE ENGINEER PRIOR TO INSTALLATION.



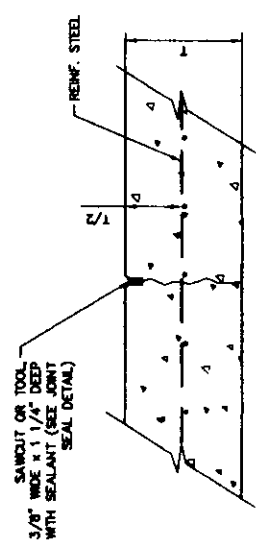
CONSTRUCTION JOINT DETAIL
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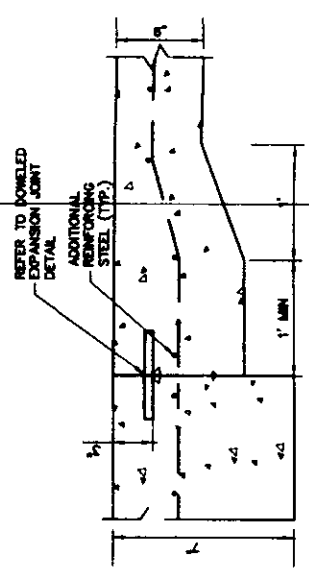
EXPANSION JOINT DETAIL
 SCALE: N.T.S.



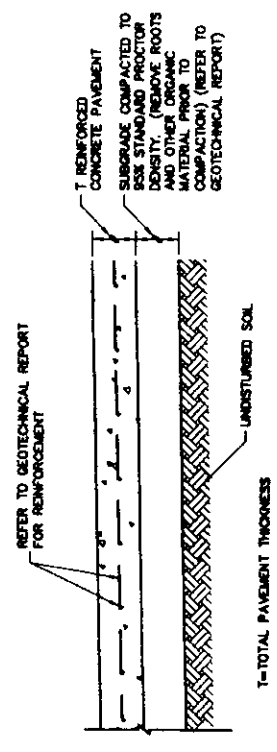
INTEGRAL CURB
 SCALE: N.T.S.



CONTRACTION JOINT DETAIL
 SCALE: N.T.S.



CONCRETE PAVEMENT TRANSITION
 SCALE: N.T.S.



CONCRETE PAVING
 SCALE: N.T.S.

No	Revision/Issue	Date
5	ISSUE FOR PERMIT	02/12/14
4	SS REVISION	02/04/14
3	ISSUE FOR REVIEW	01/08/14
2	ISSUE FOR PERMIT	11/20/13
1	30% CD	09/18/13

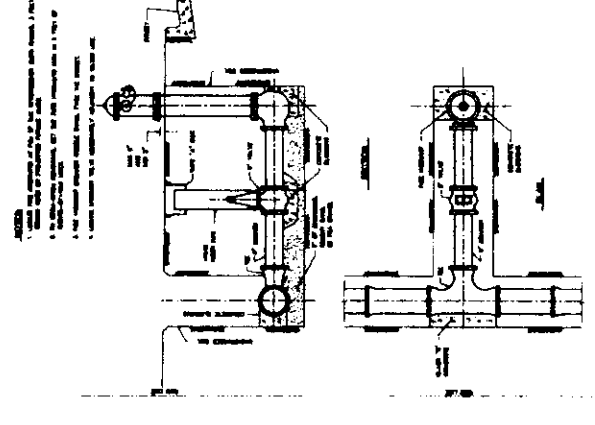
NNE INC
 7402 North Loop East, Suite 1110
 Houston, Texas 77058
 Telephone: 281.412.1114

Professional Seal
 NICHOLAS N. NIKOLAY
 P.E. (CIVIL)
 2/12/2014

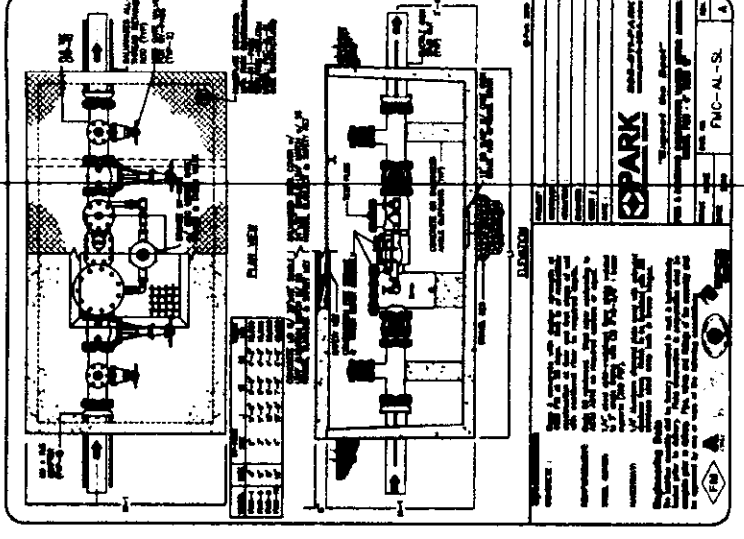
Project Name and Address
 MASON GRAND APARTMENTS
 ISSUE FOR PRICING
 Paving Details 2 of 2

Project No. BCP 001 2013
 Date: 2/12/2014
 Scale: NTS
 10

MM 14/14



FIRE HYDRANT DETAIL
SCALE: N.T.S.



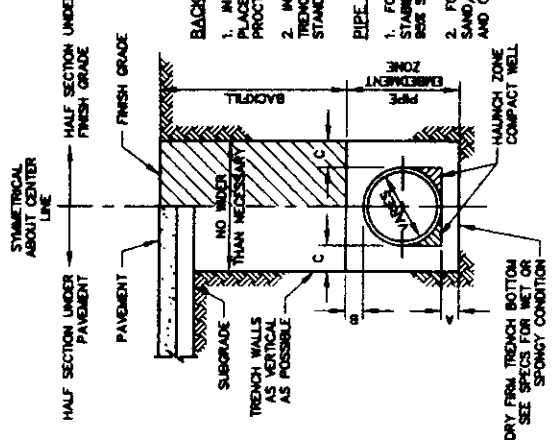
COMBINATION WATER METER
SCALE: N.T.S.

DIMENSIONAL REQUIREMENTS

PIPE SIZE	A	B	C
20" AND SMALLER	6"	6"	6"
21" THRU 48"	6"	6"	12"
54" THRU 66"	6"	12"	15"
72" AND LARGER	12"	18"	15"

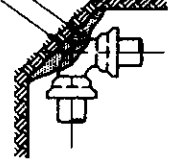
MATERIAL REQUIREMENTS

- BACKFILL**
- IN PAVED AREAS, USE CEMENT STABILIZED SAND. PLACE IN 6" LIFTS AND COMPACT TO 85% STANDARD PROCTOR DENSITY.
 - IN UNPAVED AREAS, USE SOIL EXCAVATED FROM TRENCH, PLACE IN 6" LIFTS AND COMPACT TO 85% STANDARD PROCTOR DENSITY.
- PIPE EMBEDMENT ZONE**
- FOR STORM AND SANITARY SEWERS, USE CEMENT STABILIZED SAND. PLACE IN 6" LIFTS AND COMPACT TO 85% STANDARD PROCTOR DENSITY.
 - FOR WATER LINES, USE WELL (DENSELY) GRADED SAND OR WELLS OR COURSE SOIL. PLACE IN 6" LIFTS AND COMPACT TO 85% STANDARD PROCTOR DENSITY.

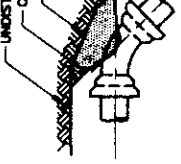


TRENCH BEDDING/BACKFILL DETAIL
SCALE: N.T.S.

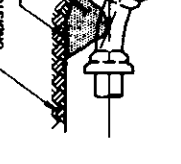
PIPE SIZE	BEARING AREA
4"	1 S.F.
6"	1 S.F.
8"	2 S.F.
10"	2 S.F.
12"	3 S.F.
14"	3 S.F.
16"	4 S.F.
18"	4 S.F.
20"	5 S.F.
24"	7 S.F.
30"	11 S.F.
36"	15 S.F.



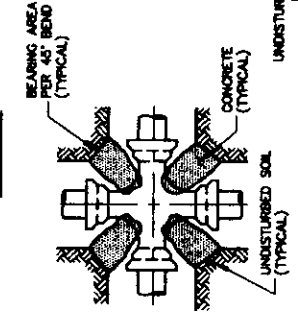
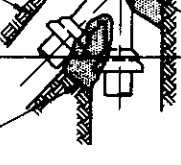
PIPE SIZE	BEARING AREA
4"	1 S.F.
6"	2 S.F.
8"	3 S.F.
10"	4 S.F.
12"	5 S.F.
14"	6 S.F.
16"	8 S.F.
18"	10 S.F.
20"	12 S.F.
24"	17 S.F.
30"	24 S.F.
36"	32 S.F.



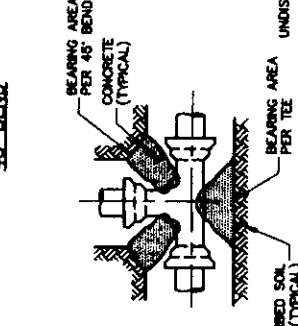
PIPE SIZE	BEARING AREA
4"	1 S.F.
6"	3 S.F.
8"	4 S.F.
10"	5 S.F.
12"	6 S.F.
14"	8 S.F.
16"	10 S.F.
18"	12 S.F.
20"	14 S.F.
24"	20 S.F.
30"	28 S.F.
36"	36 S.F.



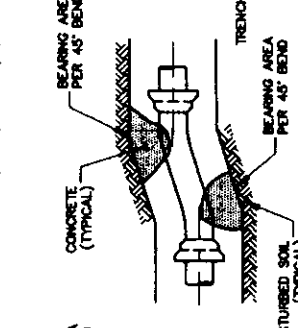
PIPE SIZE	BEARING AREA
4"	1 S.F.
6"	3 S.F.
8"	5 S.F.
10"	8 S.F.
12"	12 S.F.
14"	16 S.F.
16"	20 S.F.
18"	24 S.F.
20"	28 S.F.
24"	36 S.F.
30"	48 S.F.
36"	64 S.F.



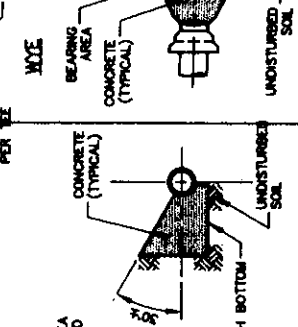
CROSS



TEE



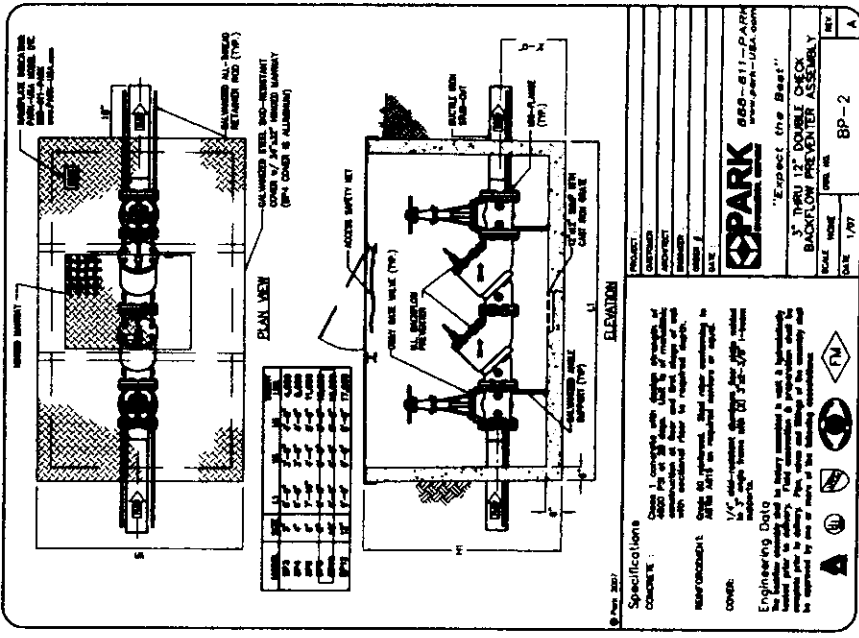
OFFSET



CROSS SECTION

PLUG

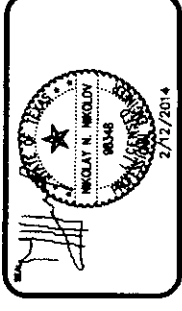
- THRUST BLOCKING NOTES:**
- USE CLASS "B" CONCRETE.
 - PLACE CONCRETE AGAINST UNDISTURBED SOIL.
 - TABLES PROVIDE MINIMUM BEARING AREA REQUIREMENTS.
 - DIMENSIONS ARE BASED ON 2000 PSI SOIL BEARING PRESSURE.



BACKFLOW PREVENTER
SCALE: N.T.S.

No.	Revision/Issue	Date
1	30% CD	09/18/13
2	ISSUE FOR PERMIT	11/20/13
3	ISSUE FOR RENEW	01/08/14
4	SS REVISION	02/04/14
5	ISSUE FOR PERMIT	02/12/14

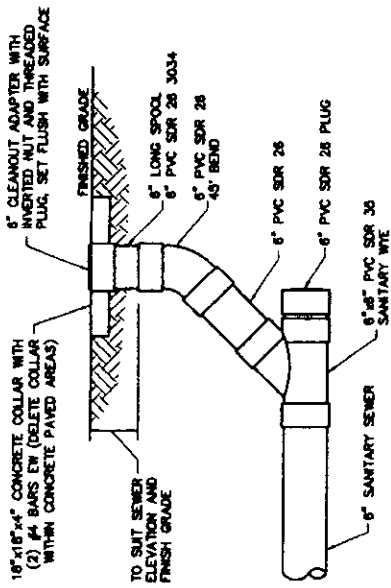
NNE INC
2423 Ardmore Dr. Suite 110, Dallas, TX 75244
PHONE: 214-792-2327
FAX: 214-792-2327
www.nneinc.com



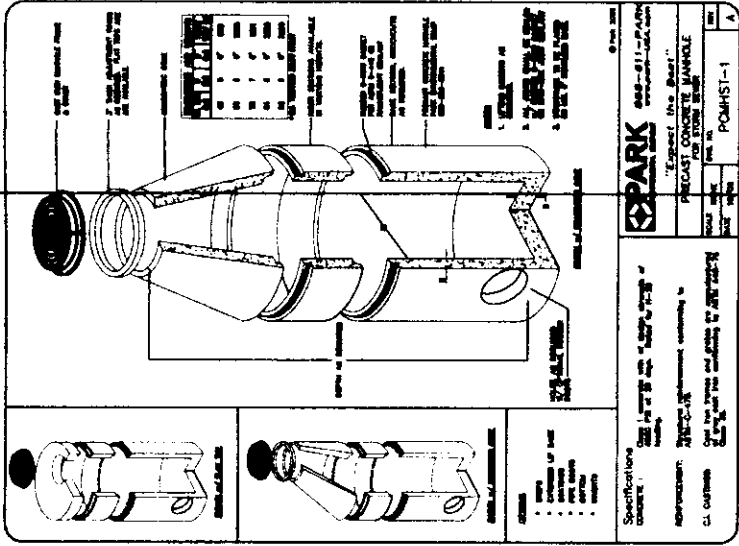
Project Name and Address
MASON GRAND APARTMENTS
ISSUE FOR PRICING
Utility Details 1 of 2

Project No.	BCP 001 2013
Date	2/12/2014
Scale	NTS
Sheet No.	12

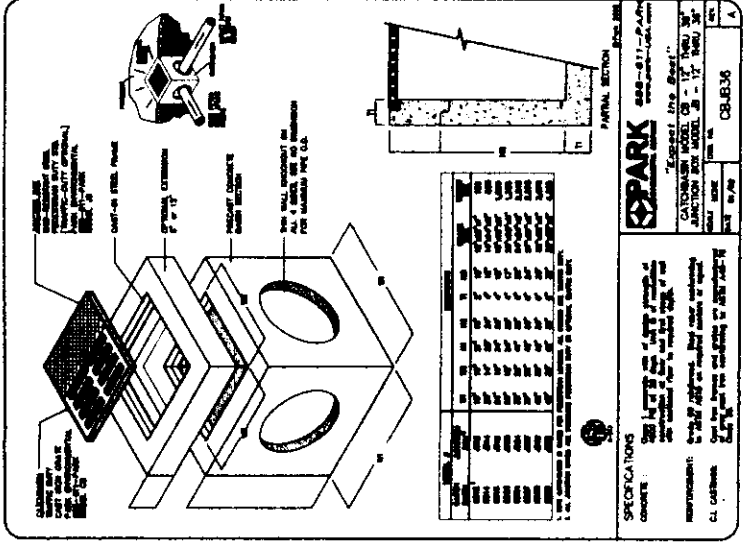
APR 14/14



SANITARY SEWER CLEANOUT
SCALE: N.T.S.



STORM MANHOLE DETAIL
SCALE: N.T.S.

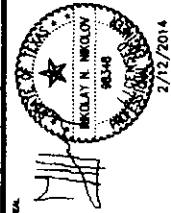


STORM INLET DETAIL
SCALE: N.T.S.

No.	Revision/Issue	Date
5	ISSUE FOR PERMIT	02/12/14
4	SS REVISION	02/04/14
3	ISSUE FOR REVIEW	01/08/14
2	ISSUE FOR PERMIT	11/20/13
1	30% CD	09/18/13

NNE INC

14025 Alameda Dr. Emeryville, CA 94608
Tel: 415.763.2274
Fax: 415.763.2275



Project Name and Address:
MASON GRAND APARTMENTS
ISSUE FOR PRICING
Utility Details 2 of 2

BCP 001 2013
Date: 2/12/2014
Scale: NTS
Sheet: 13

LEGEND:

- REINFORCED FILTER FABRIC BARRIER
- INLET PROTECTIVE BARRIER
- STABILIZED CONSTRUCTION EXT

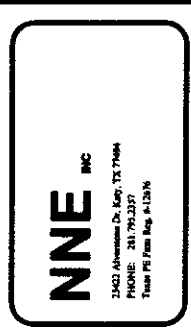
NOTES

1. CHAIN LINK FENCE WITH 4' HIGH ALUMINUM POSTS AND RINGS TO BE INSTALLED IN STABILIZED CONSTRUCTION EXTENSION REPORT

No.	Revision/Issue	Date
5	ISSUE FOR PERMIT	02/12/14
4	SS REVISION	02/04/14
3	ISSUE FOR REVIEW	01/08/14
2	ISSUE FOR PERMIT	11/20/13
1	30% CD	09/18/13

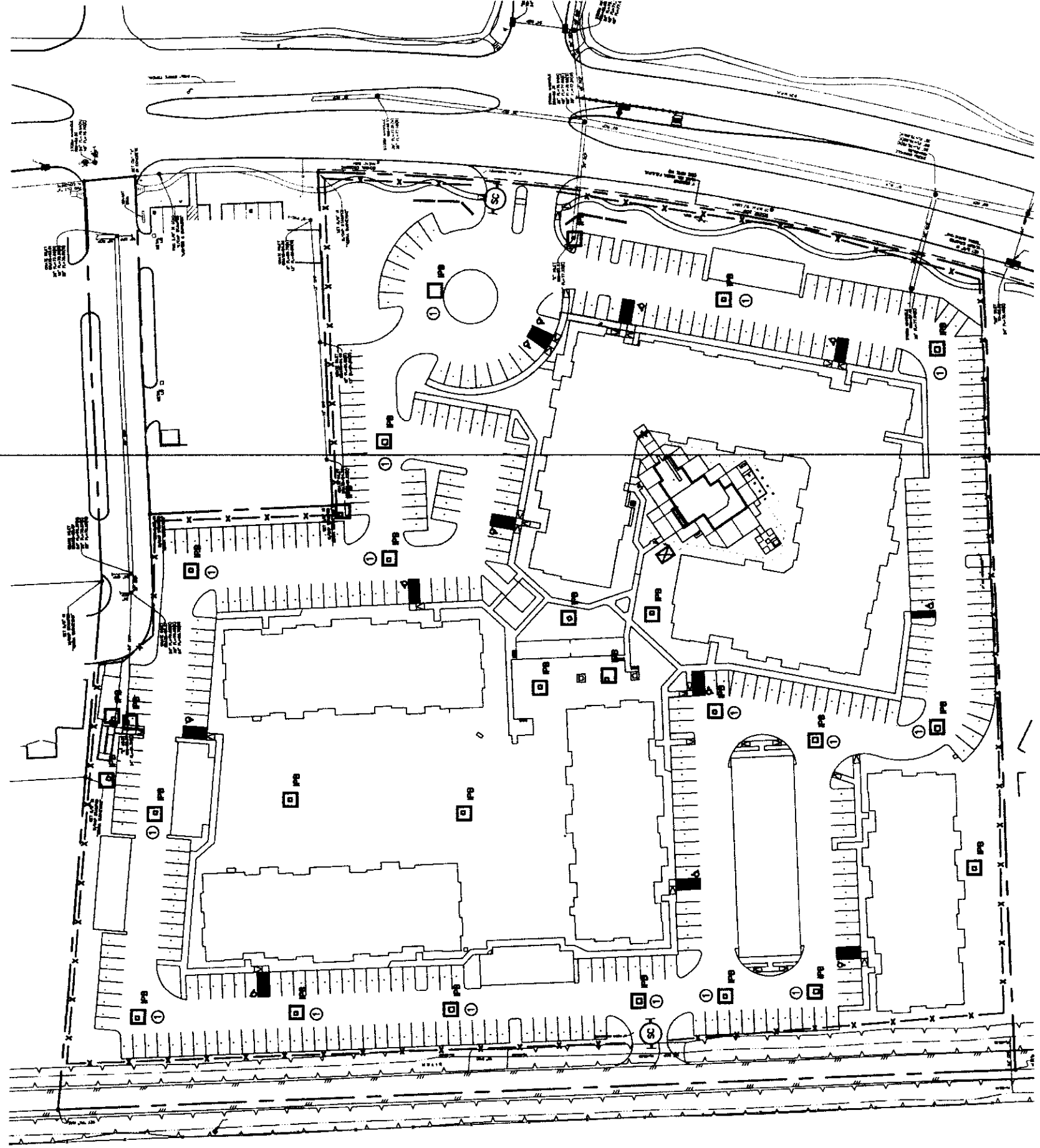
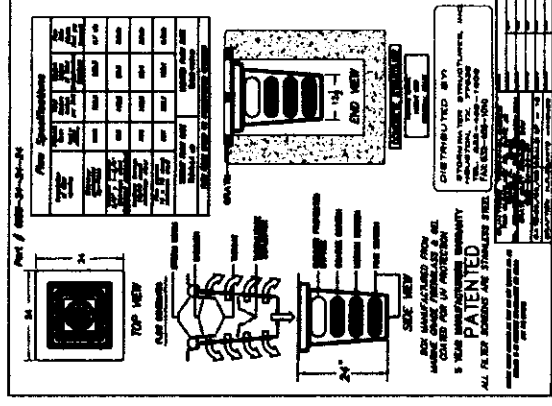
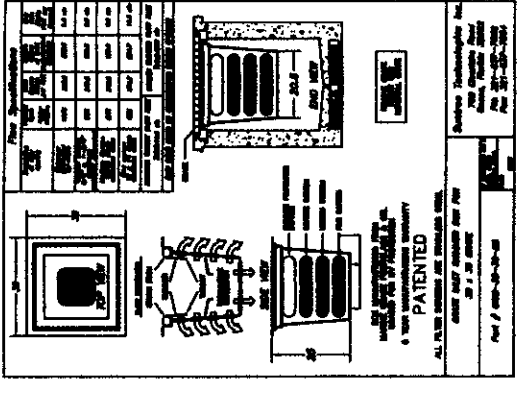
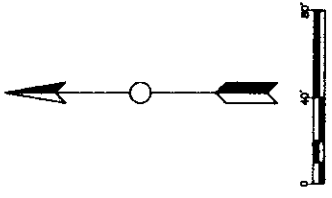
NNE INC

3403 Alameda Dr. Katy, TX 77444
 PHONE: 281.763.3337
 Texas PE Firm Reg. #12876

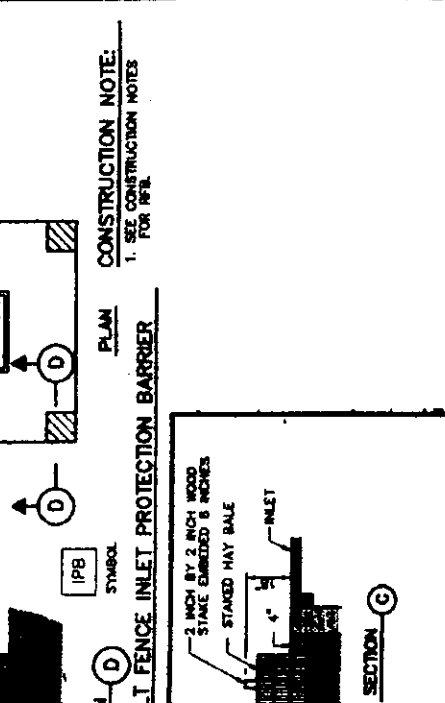
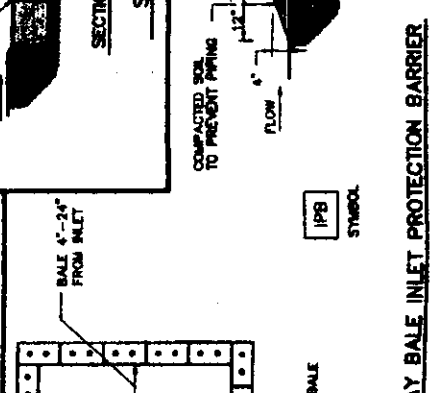
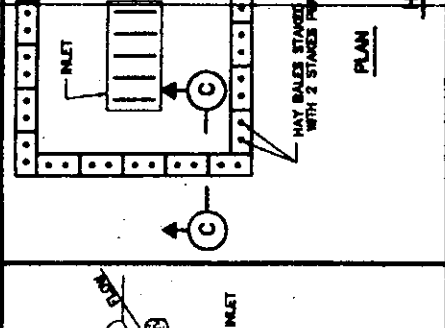
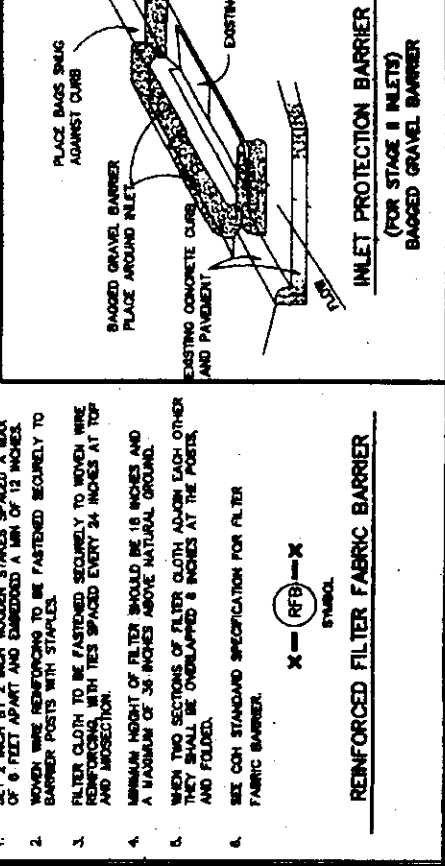
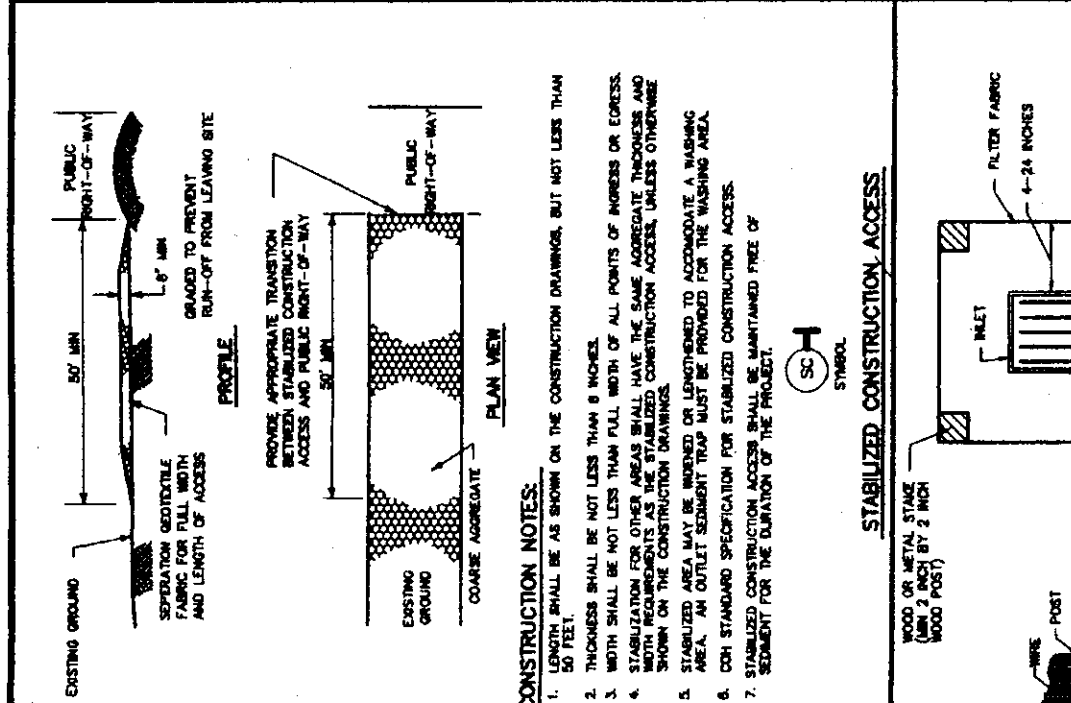
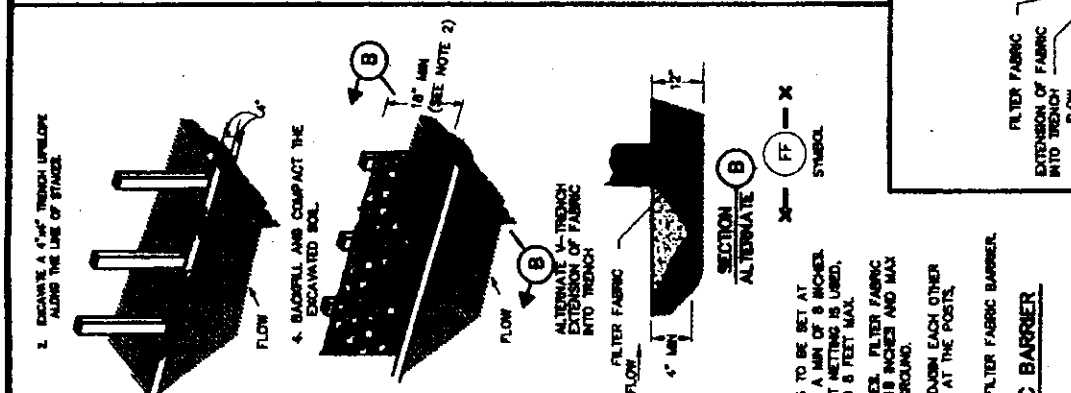
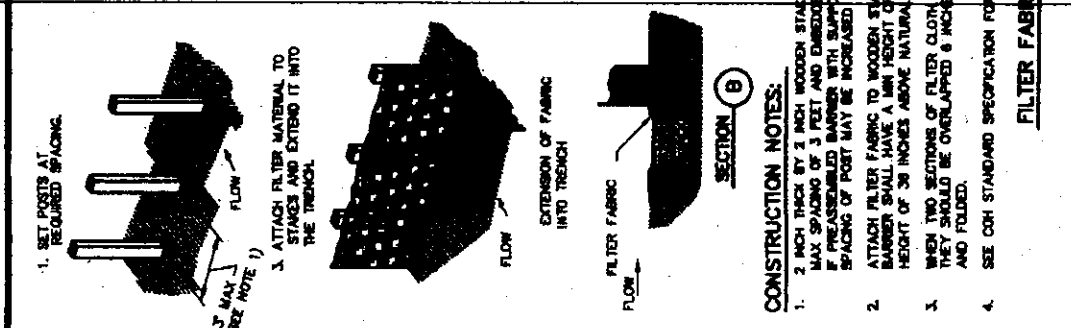
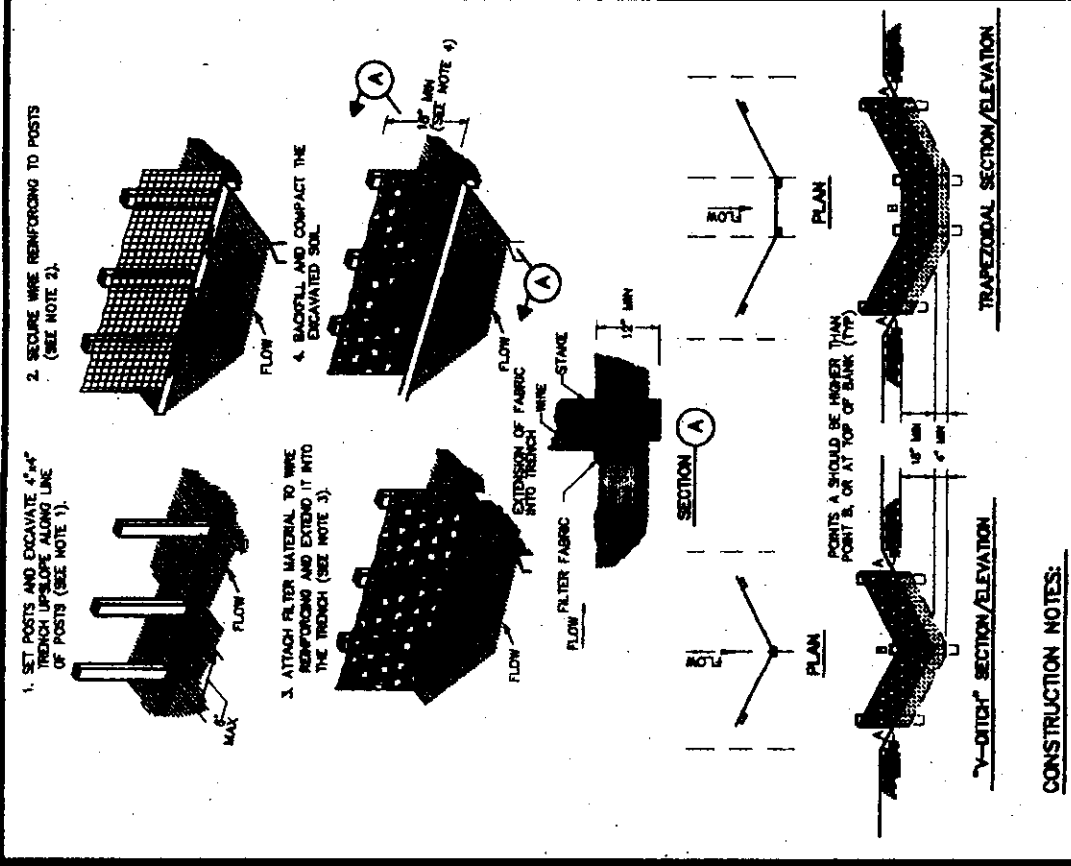


Project Name and Address:
MASON GRAND APARTMENTS
 ISSUE FOR PRICING
 SWPPP

Project: BCP 001 2013
 Date: 2/12/2014
 Sheet: 14
 NTS



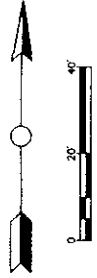
sheet 14 of 14



<p>NNE INC</p> <p>2022 Alameda St., Ste. 17, 7964 PHONE: 361.793.3377 Trans 98 Fax Reg. #1126</p>	<p>ISSUE FOR PERMIT 02/12/14</p>	<p>ISSUE FOR REVIEW 01/08/14</p>	<p>ISSUE FOR PERMIT 11/20/13</p>	<p>30X CD 09/18/13</p>
	<p>SS REVISION 02/04/14</p>	<p>30X CD 09/18/13</p>	<p>Revision/Issue</p>	<p>Date</p>
	<p>ISSUE FOR REVIEW 01/08/14</p>	<p>ISSUE FOR PERMIT 11/20/13</p>	<p>30X CD 09/18/13</p>	<p>Revision/Issue</p>
	<p>ISSUE FOR PERMIT 11/20/13</p>	<p>30X CD 09/18/13</p>	<p>Revision/Issue</p>	<p>Date</p>
	<p>ISSUE FOR PERMIT 02/12/14</p>	<p>SS REVISION 02/04/14</p>	<p>ISSUE FOR REVIEW 01/08/14</p>	<p>ISSUE FOR PERMIT 11/20/13</p>

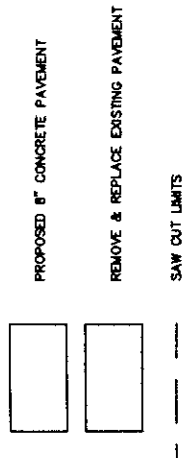
<p>Project Name and address: MASON GRAND APARTMENTS ISSUE FOR PRICING SWPPP Details</p>	<p>2/12/2014</p>
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<p>BCP 001 2013</p>	<p>15</p>
<p>2/12/2014</p>	<p>NTS</p>



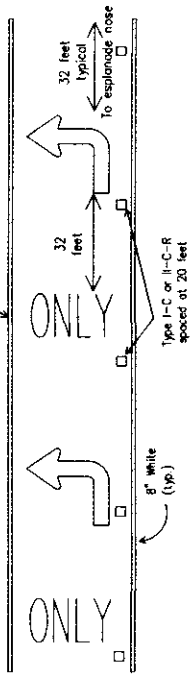
LEGEND

- BC BACK OF CURB
- TC TOP OF CURB
- MBC MATCH BACK OF CURB

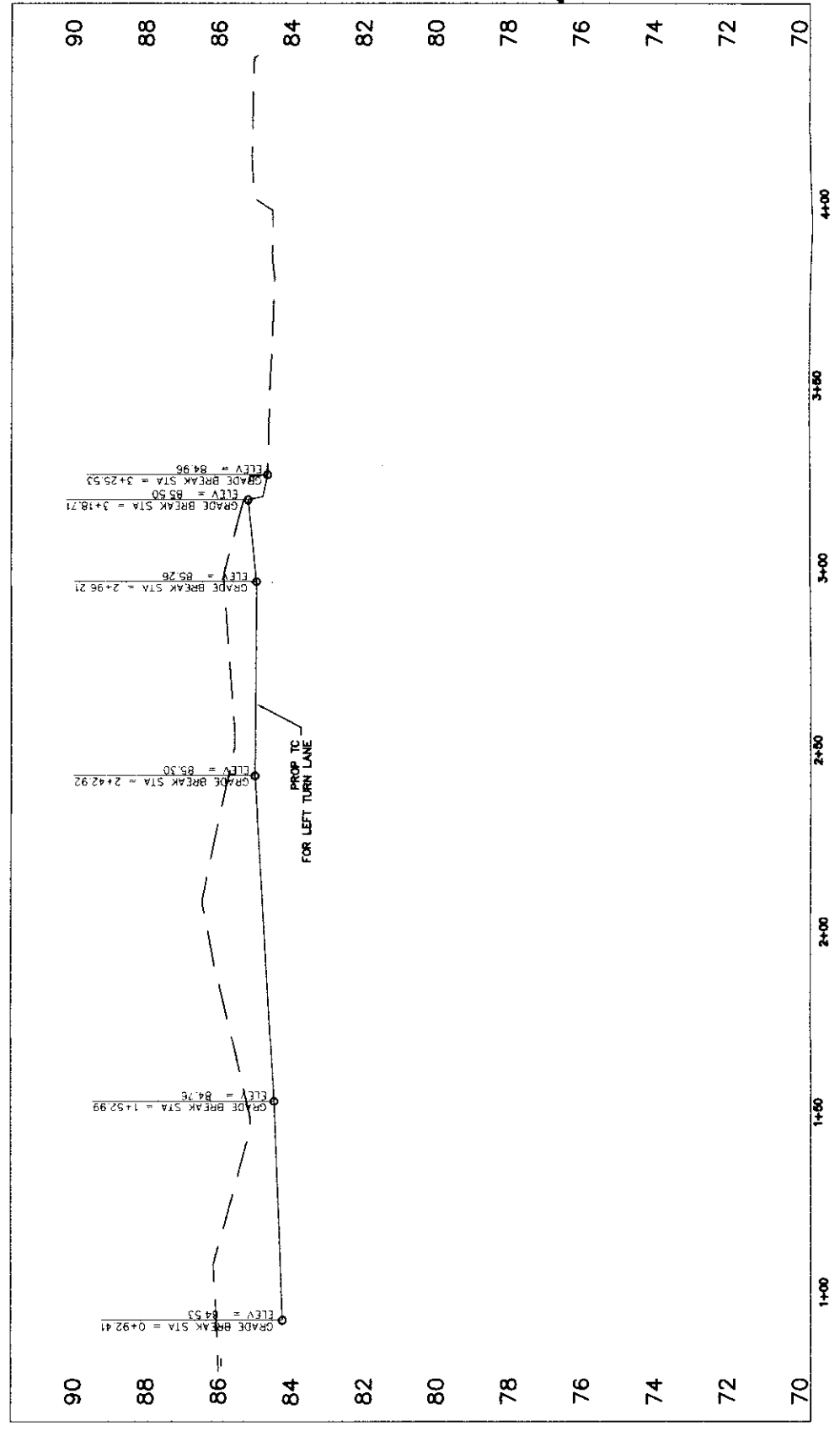
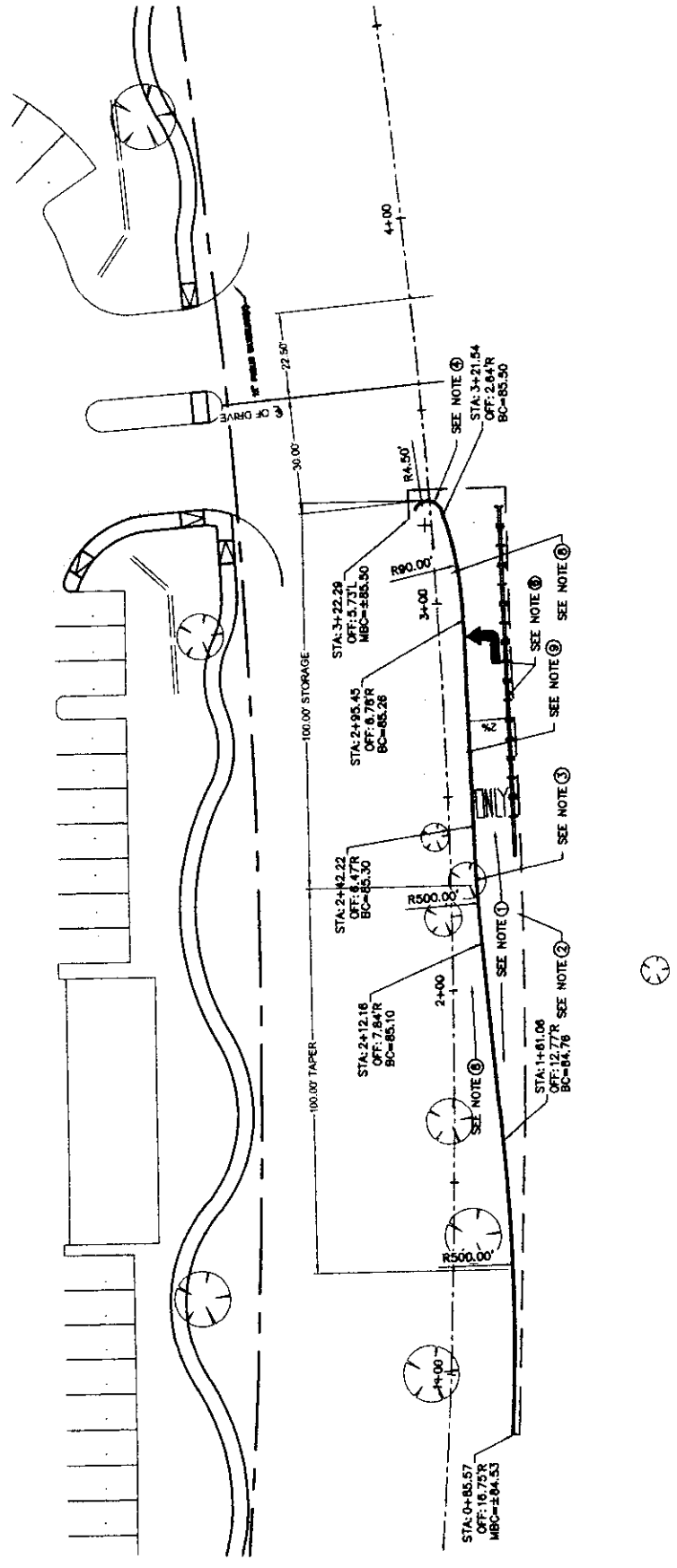
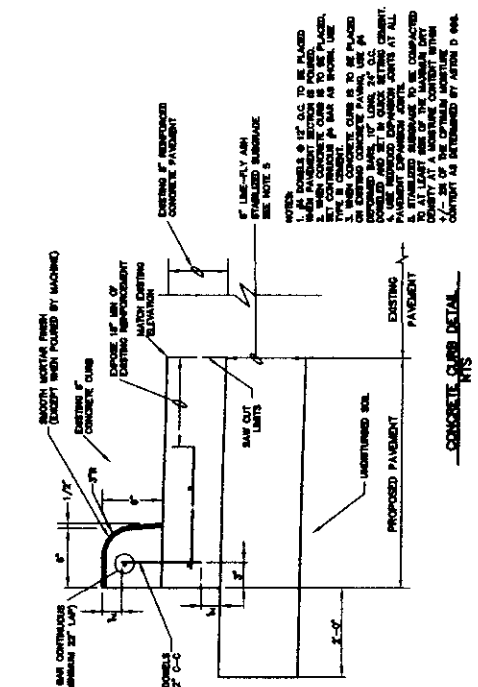


KEY NOTES

- 1 PROPOSED 8" CONCRETE PAVEMENT WITH 8" CONCRETE CURB. ENSURE POSITIVE DRAINAGE.
- 2 SAW CUT A MINIMUM OF 2" DEEP. EXPOSE EXISTING STEEL A MINIMUM OF 18". TIE IN PROPOSED STEEL. CONTRACTOR TO REMOVE AND DISPOSE OF EXISTING CONCRETE PAVEMENT AND CONSTRUCTION NEW PAVEMENT THIS SHEET. EXISTING CURB TO BE REPAIRED TO DETAIL THIS SHEET. CONCRETE PAVEMENT SECTION AND CONCRETE CURB DETAIL.
- 3 REMOVE TREE.
- 4 EXTEND IRRIGATION SLEEVES AS NEEDED. CONTRACTOR TO REPAIR AND MAINTAIN EXISTING IRRIGATION SYSTEM. CONSTRUCTION CONTRACTOR TO REPAIR IRRIGATION SYSTEM CAUSED BY ESPALANADE CONSTRUCTION.
- 5 AVOID STORM MANHOLE WITH NEW ESPALANADE CONSTRUCTION.
- 6 REFER TO STRIPING DETAIL ON THIS SHEET.
- 7 STATIONING AND RADIUS CALLOUTS FOR NEW ESPALANADE REFER TO BACK OF CURB. ELEVATIONS SHOWN ARE FOR TOP OF CURB.
- 8 ADJUST EXISTING EARTHEN BERM TO NEW PAVEMENT LIMITS. SLOPES NOT TO EXCEED 25%.
- 9 REPAIR ADJUST EXISTING PLANTER THE WESTSIDE ESTATES ARCHITECTURAL CONTROL GUIDELINES.

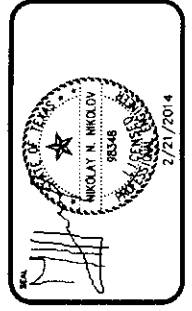


LEFT TURN LANE STRIPING DETAIL



ASI #	Revision/Issue	Date
A1		02/21/14
5	ISSUE FOR PERMIT	02/12/14
4	SS REVISION	02/04/14
3	ISSUE FOR REVIEW	01/08/14
2	ISSUE FOR PERMIT	11/20/13
1	30% CD	09/18/13
No	Revision/Issue	Date

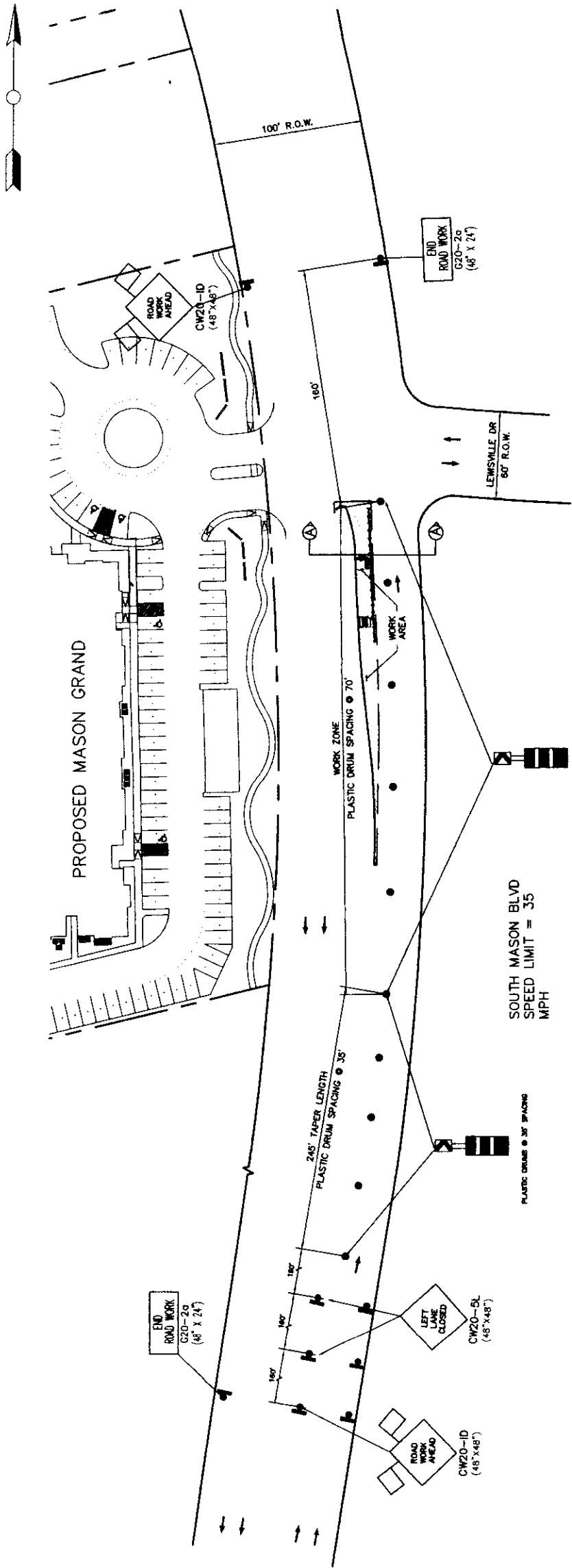
NNE INC
 5402 Alameda Dr. East, TX 75144
 PHONE: 281.983.2335
 TOLL FREE: 800.428.1200



Project Name and Address
MASON GRAND APARTMENTS
 ISSUE FOR PRICING
 Left Turn Lane

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Date	2/21/2014	
Scale	NTS	

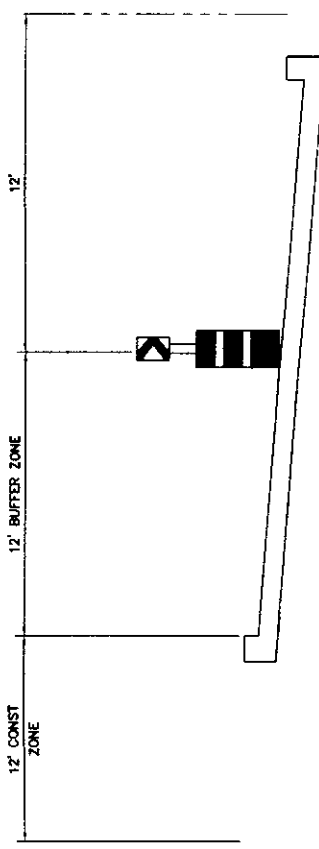
CONTRACTOR TO BE DETERMINED BY NOTICE TO PROCEED



SOUTH MASON BLVD
SPEED LIMIT = 35
MPH

TRAFFIC CONTROL NOTES

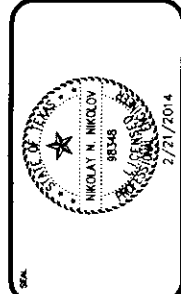
1. CONTRACTOR SHALL PROVIDE AND INSTALL CONTROL DEVICES IN CONFORMANCE WITH PART V OF THE TEXAS MANUAL ON UNIFORM CONTROL DEVICES (TEXAS M.U.T.C.D., MOST RECENT EDITION WITH REVISIONS) DURING CONSTRUCTION.
- 2A. NO LANES SHALL BE CLOSED DURING THE HOURS OF 7:00 AM TO 9:00 AM AND 4:00 PM TO 7:00 PM MONDAY THRU FRIDAY.
- 2B. NO WORK SHALL BE DONE IN RESIDENTIAL AREAS FROM 7:00 PM TO 7:00 AM.
- 3A. CONTRACTOR SHALL MAINTAIN ONE LANE OF TRAFFIC IN EACH DIRECTION DURING WORKING HOURS.
- 3B. CONTRACTOR SHALL MAINTAIN TRAFFIC LANE(S) ACCORDING TO TRAFFIC CONTROL PLAN(S) DURING WORKING HOURS.
4. CONTRACTOR SHALL COVER OPEN EXCAVATION WITH STEEL PLATES ANCHORED PROPERLY DURING NON-WORKING HOURS AND OPEN LANES FOR NORMAL TRAFFIC FLOW.
5. OFF-DUTY UNIFORMED POLICE OFFICER(S)/FLAGGER(S)/ IS/ARE REQUIRED TO DIRECT TRAFFIC WHEN LANES ARE BLOCKED.
- 6A. IN THE EVENT WHEN NO "TRAFFIC CONTROL PLANS" EXIST AS PART OF CONTRACT DRAWINGS, CONTRACTOR SHALL PREPARE PLANS AND SUBMIT TO THE APPROPRIATE ENTITY FOR REVIEW AND APPROVAL TEN WORKING DAYS PRIOR TO IMPLEMENTATION.
- 6B. IF THE CONTRACTOR CHOOSES TO USE A DIFFERENT METHOD OF "TRAFFIC CONTROL PLANS" DURING THE CONSTRUCTION THAN WHAT IS OUTLINED IN THE CONTRACT DRAWINGS, (S)HE SHALL BE RESPONSIBLE TO PREPARE AND SUBMIT AN ALTERNATE SET OF PLANS TO THE APPROPRIATE ENTITY FOR APPROVAL TEN WORKING DAYS PRIOR TO IMPLEMENTATION.
7. APPROVED COPIES OF "TRAFFIC CONTROL PLANS" AND LANE/SIDEWALK CLOSURE PERMITS SHALL BE AVAILABLE FOR INSPECTION AT JOB SITE AT ALL TIMES.



SECTION VIEW
NTS

No.	Revision/Issue	Date
1	30% CD	09/18/13
2	ISSUE FOR PERMIT	11/20/13
3	ISSUE FOR REVIEW	01/08/14
4	SS REVISION	02/04/14
5	ISSUE FOR PERMIT	02/12/14
A1	ASI #1	02/21/14

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Project Name and Address
MASON GRAND APARTMENTS
ISSUE FOR PRICING
TCP

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