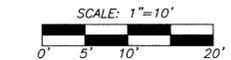


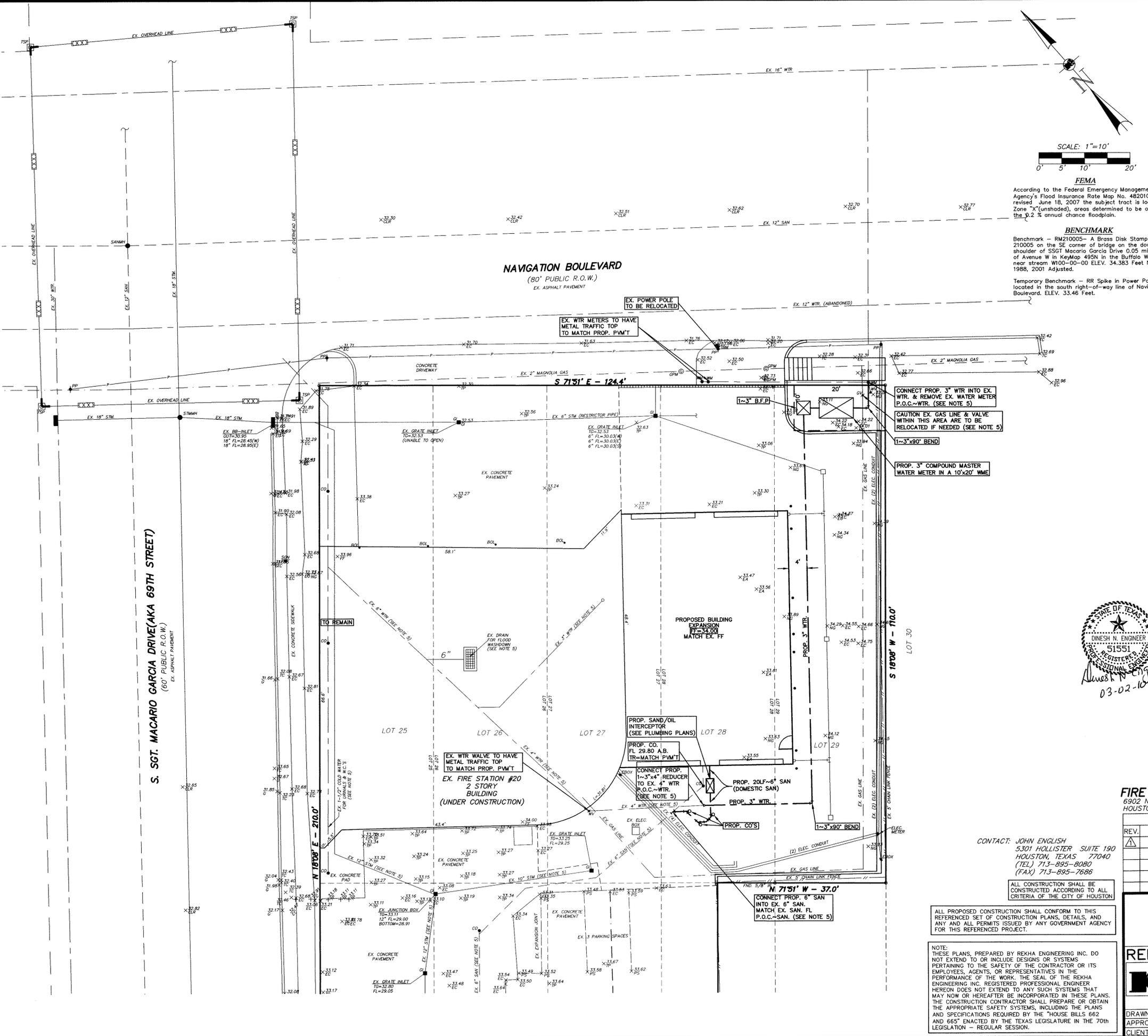
GENERAL NOTES

- 1. Location of existing utilities is the responsibility of the contractor and shall be located prior to excavation. Contact City of Houston Engineer prior to excavating in existing street right-of-way or easements.
2. All work, materials, services and labor shall conform to the rules and regulations of City of Houston criteria governs.
3. All permits to be obtained shall be the responsibility of the contractor unless otherwise specified.
4. All proposed driveways connecting into S. Sgt. Macario Garcia Drive & Avenue L shall be in accordance with the rules and regulations of City of Houston.
5. Contractor to verify all horizontal and vertical locations of all existing utilities prior to commencement of construction. Contractor to contact engineer in writing prior to start of construction and give the engineer 48 hours to respond to contractor if there are any difference in existing conditions which may affect the design of the engineers plan.
6. The location of some utilities were not field verified and were taken from drawings provided by private utility companies. Contractor to verify all locations of all utilities and shall be fully responsible for any damage to all utility lines.
7. Contractor to contact engineer 48 hours prior to beginning of construction if there are any difference in existing conditions which may affect the design of the engineers plan.
8. Contractor shall make note and avoid contact or damage to any and all overhead power lines.
9. Existing pavement, curbs, sidewalks, and driveways damaged or removed during construction shall be replaced at the contractors expense and to City of Houston Standards.
10. If any, all underground storage tanks will be removed prior to construction.
11. All Pipe Quantities shown hereon (pipe lengths) are for the Engineers use Only. It is the Responsibility of the Contractor to Calculate his own quantities for this bid.
12. Proposed Retaining Wall (RW) is to be designed by others. (N/A)



According to the Federal Emergency Management Agency's Flood Insurance Rate Map No. 48201C0880L, revised June 18, 2007 the subject tract is located in Zone "X" (unshaded), areas determined to be outside the 0.2% annual chance floodplain.

BENCHMARK
Benchmark - RM210005 - A Brass Disk Stamped 210005 on the SE corner of bridge on the downstream shoulder of SSGT Macario Garcia Drive 0.05 miles north of Avenue W in KeyMap 49SN in the Buffalo Watershed near stream W100-00-00 ELEV. 34.383 Feet NAVD 1988, 2001 Adjusted.
Temporary Benchmark - RR Spike in Power Pole located in the south right-of-way line of Navigation Boulevard. ELEV. 33.46 Feet.



UTILITY NOTES

- 13. All water lines shall be C-900 pipe with Class A bedding.
14. All backfill of regressed areas shall be compacted to 95% proctor density or equivalent to density of adjacent soil.
15. Contractor shall maintain minimum clearance from water, storm and all public utility lines per City of Houston Criteria.
16. All water lines shall have 4-foot minimum cover below natural ground or pavement, unless otherwise noted. Crossings of water lines and other utilities shall maintain a minimum of 6-inch clearance unless otherwise noted.
17. Sanitary Sewer pipe shall be SDR 26 pipe with bedding as per City of Houston Criteria.
18. All water shall clear storm and sanitary sewer lines by 2.0' min.
19. See Plumbing Plans (Water & Sewer) for connections to buildings. Civil Plans show construction of water and sewer up to 5' of the building.
20. Contractor to contact city's "Meters and Taps" shop and departments to obtain final approval prior to construction of Fire line meter system with back flow preventer.
21. See M.E.P. Plans for Electric, Telephone, Gas and other dry utility layouts. Civil Plans only shows Water and Sanitary Utilities.
22. All appurtenances or any other structures that are constructed within paved areas, the Rim Elevations are to be equal to the proposed pavement.

PIPING MATERIAL LEGEND

Table with 2 columns: Material (WTR, SAN), Pipe Type (C-900, SDR 26)

Table with 2 columns: Pipe Schedule (WTR, SAN), Material (C-900, SDR 26)

UTILITY LEGEND

Table with 2 columns: P.O.C. (Point of Connection), Utility Type (WTR, SAN, GAS)

NOTE: ON THIS CIVIL ENGINEERING UTILITY PLANS, THE HORIZONTAL LOCATION OF ALL PROPOSED WATER AND SANITARY SEWER LINES AT THE POINT WHERE THEY ENTER THE BUILDING (OUTSIDE OF THE BUILDING) ARE ACCURATE UP TO 5 FEET OF THE BUILDING (SEE PLUMBING PLANS).



FIRE STATION No. 20 (PHASE 2)
6902 NAVIGATION BOULEVARD
HOUSTON, TEXAS

REVISIONS table with columns: REV., DESCRIPTION, DATE

CONTACT: JOHN ENGLISH
5301 HOLLISTER SUITE 190
HOUSTON, TEXAS 77040
(TEL) 713-895-8080
(FAX) 713-895-7686

ALL CONSTRUCTION SHALL BE CONSTRUCTED ACCORDING TO ALL CRITERIA OF THE CITY OF HOUSTON

ALL PROPOSED CONSTRUCTION SHALL CONFORM TO THIS REFERENCED SET OF CONSTRUCTION PLANS, DETAILS, AND ANY AND ALL PERMITS ISSUED BY ANY GOVERNMENT AGENCY FOR THIS REFERENCED PROJECT.

NOTE: THESE PLANS, PREPARED BY REKHA ENGINEERING INC. DO NOT EXTEND TO OR INCLUDE DESIGNS OR SYSTEMS PERTAINING TO THE SAFETY OF THE CONTRACTOR OR ITS EMPLOYEES, AGENTS, OR REPRESENTATIVES IN THE PERFORMANCE OF THE WORK. THE SEAL OF THE REKHA ENGINEERING INC. REGISTERED PROFESSIONAL ENGINEER HEREON DOES NOT EXTEND TO ANY SUCH SYSTEMS THAT MAY NOW OR HEREAFTER BE INCORPORATED IN THESE PLANS. THE CONSTRUCTION CONTRACTOR SHALL PREPARE OR OBTAIN THE APPROPRIATE SAFETY SYSTEMS, INCLUDING THE PLANS AND SPECIFICATIONS REQUIRED BY THE "HOUSE BILLS 662 AND 665" ENACTED BY THE TEXAS LEGISLATURE IN THE 70TH LEGISLATION - REGULAR SESSION.

UTILITY PLAN

SCALE: 1"=10'
DATE: 12/28/09

REKHA ENGINEERING INC.

CIVIL ENGINEERS AND LAND SURVEYORS
5301 Hollister Suite 190
Houston, Texas 77040
713-895-8080
713-895-8081
Fax: 713-895-7686
© COPYRIGHT 2010
www.rekhaeng.com

TBPE No. F-3712
SHEET No.
C6
DRAWN BY: PRV CHECKED BY: JHE
APPROVED BY: DNE JOB No. 0809-2920
CLIENT: CITY OF HOUSTON GENERAL SERVICES

LEGEND table listing symbols for various features like AS BUILT, ASPHALT, BFP, BLDG, etc.