

CITY OF HOUSTON

Building Code Enforcement

24006865

(33L) CIVIL REVISION
TO PROJECT#
23113980

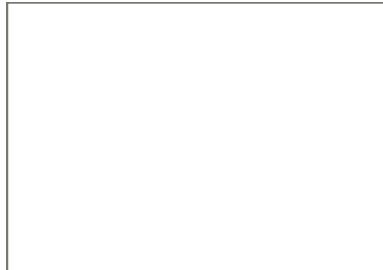
COH Project Number

APPROVED
FOR BUILDING PERMIT ONLY
CITY OF HOUSTON
CODE ENFORCEMENT DIVISION

The owner is responsible for compliance with the Building Code. Such approved plans and specifications shall not be changed, modified or altered without authorization from the building official, and all work shall be done in accordance with the approved plans.

Angel Cordova 2/11/2024

Structural



Electrical



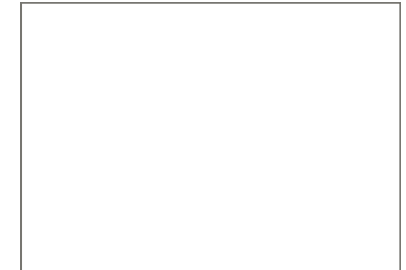
Mechanical



Plumbing



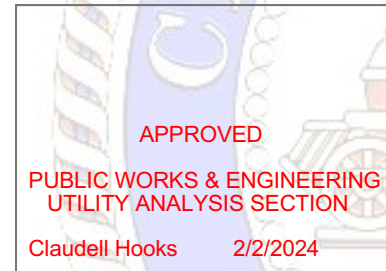
Storm



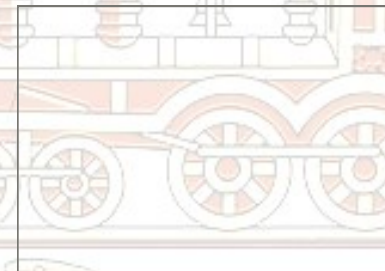
Traffic



Planning



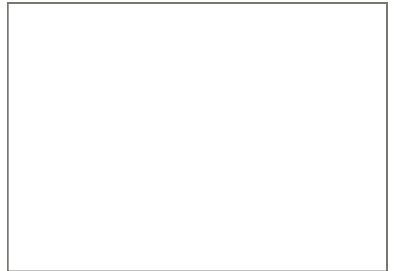
Utility Analysis



Airport (HAS)



Flood



Health



Health/Pool



Fire Marshal



High Pile/HazMat



LPG Tank

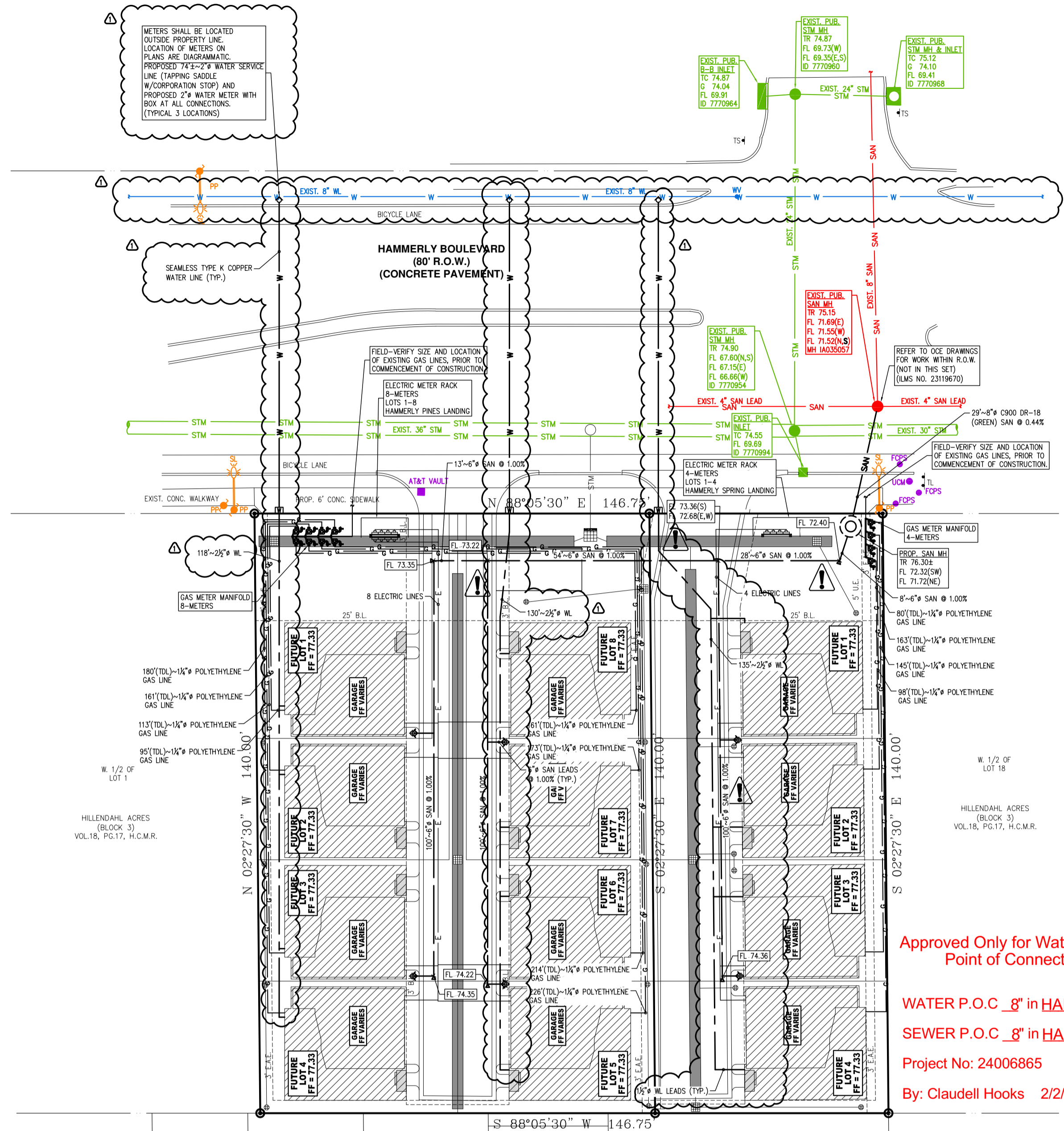
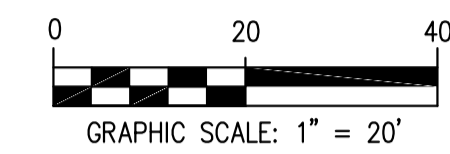


Sprinkler



24006865

REVIEWED FOR COMPLIANCE
Performance of this review does not relieve the applicant from full responsibility to comply with all applicable codes, ordinances and regulations.



Approved Only for Water/Sewer Point of Connection

WATER P.O.C. 8" in HAMMERLY BLVD
SEWER P.O.C. 8" in HAMMERLY BLVD

Project No: 24006865

By: Claudell Hooks 2/2/2024

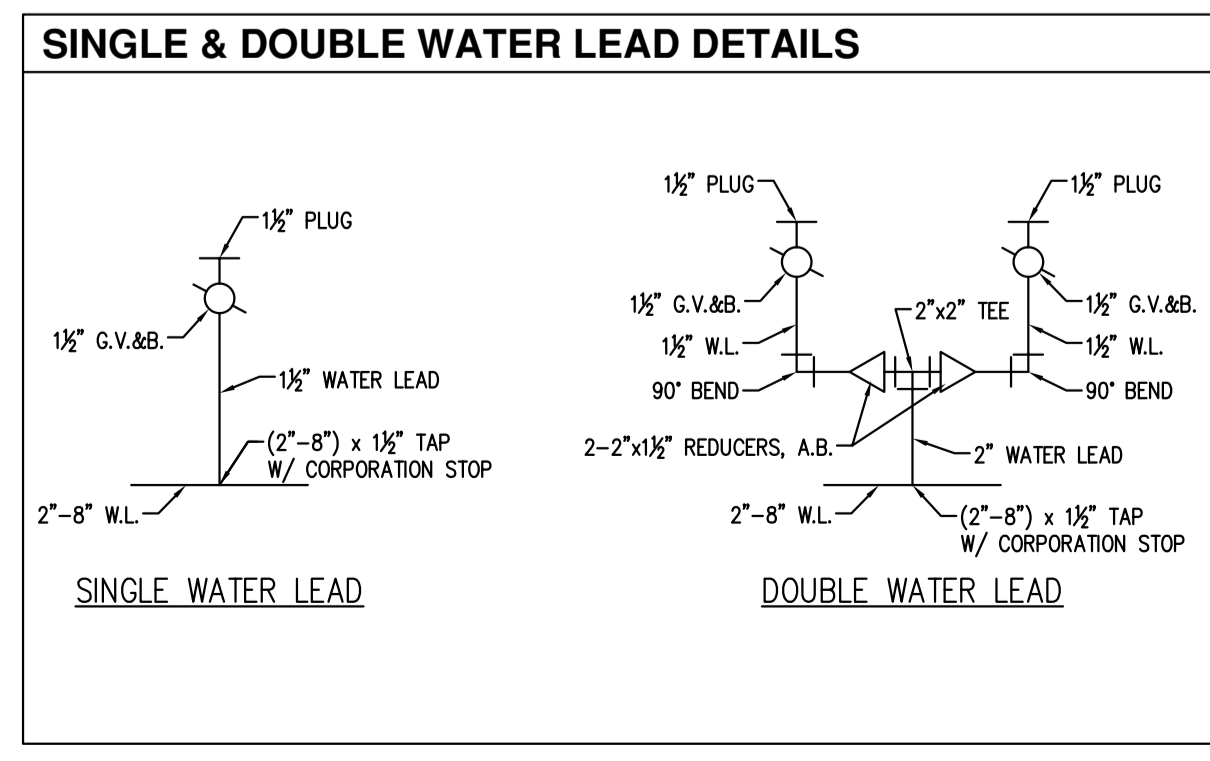
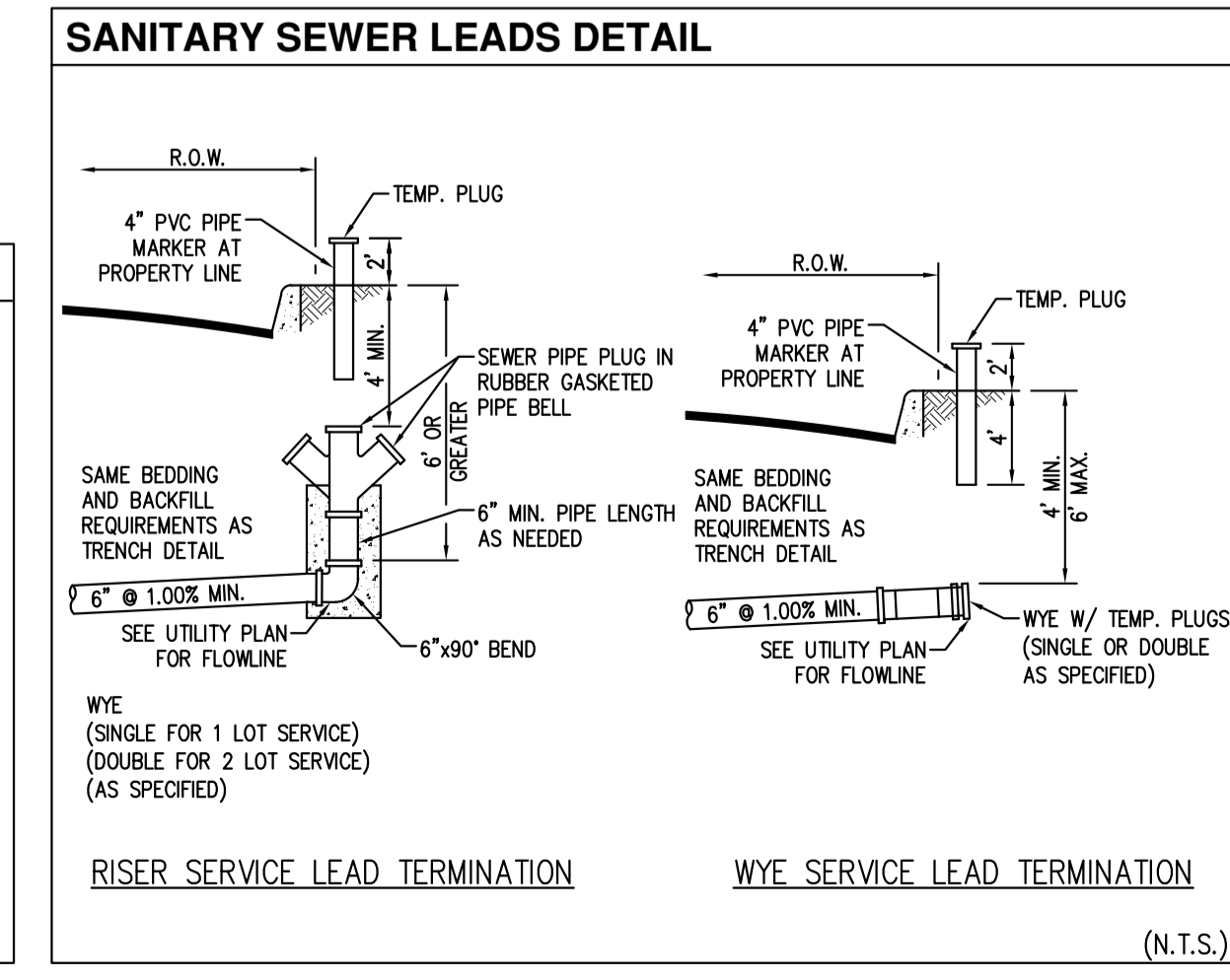
| WATER SUPPLY FIXTURE UNITS (TYPICAL) (ALL LOTS) | | | DRAINAGE FIXTURE UNITS (TYPICAL) (ALL LOTS) | | |
|---|------|-------------|---|------|-----------|
| FIXTURE TYPE OR GROUP | QTY. | UNITS | FIXTURE TYPE OR GROUP | QTY. | UNITS |
| BATHUB (WITH/WITHOUT SHOWER HEAD) | 3 | 4 | BATHUB (WITH/WITHOUT SHOWER HEAD) | 3 | 2 |
| SHOWER STALL | 1 | 2 | SHOWER STALL | 1 | 2 |
| LAVATORY | 5 | 1 | LAVATORY | 5 | 1 |
| WATER CLOSET (1.6 GPF) | 4 | 2.5 | WATER CLOSET (1.6 GPF) | 4 | 3 |
| DISHWASHER | 1 | 1.5 | DISHWASHER | 1 | 2 |
| KITCHEN SINK | 1 | 1.5 | KITCHEN SINK | 1 | 2 |
| CLOTHES WASHER | 4 | 4 | CLOTHES WASHER | 1 | 3 |
| HOSE BIB | 3 | 2.5 | | | |
| TOTAL | | 40.5 | TOTAL | | 32 |

WATER PIPE SIZE IS BASED ON UPC 2015, TABLE 610.4, PRESSURE RANGE 30 TO 45 PSI.
 * ACCORDING TO UPC 2015, TABLE 610.4, THE WATER LINE DIAMETER MUST BE 2", WITH A WATER METER AND STREET SERVICE OF 2".
 ** ACCORDING TO UPC 2015, TABLE 703.2.
 A 6" PIPE CAN CARRY UP TO 576 D.F.U. @ 1.00% SLOPE WITH A MAXIMUM LENGTH OF 510 FEET.
 A 8" PIPE CAN CARRY UP TO 720 D.F.U. @ 2.00% SLOPE WITH A MAXIMUM LENGTH OF 510 FEET.
 A 8" PIPE CAN CARRY UP TO 1,690 D.F.U. @ 0.50% SLOPE WITH A MAXIMUM LENGTH OF 750 FEET.
 A 8" PIPE CAN CARRY UP TO 2,112 D.F.U. @ 1.00% SLOPE WITH A MAXIMUM LENGTH OF 750 FEET.
 A 8" PIPE CAN CARRY UP TO 2,640 D.F.U. @ 2.00% SLOPE WITH A MAXIMUM LENGTH OF 750 FEET.
 12 UNITS X 32.0 D.F.U. = 384 D.F.U. USE 6"
 - HIGHEST FIXTURE UNIT IS APPROXIMATELY 32' ABOVE NATURAL GROUND.

| APPLIANCE | INPUT (BTU/H APPROX.) |
|-----------------------------------|-----------------------|
| FURNACE | 100,000 |
| WATER HEATER 30 TO 40 GALLON TANK | 35,000 |
| RANGE | 40,000 |
| DRYER | 30,000 |
| TOTAL | 210,000 |

2015 UNIFORM PLUMBING CODE - TABLE 1208.4.1

GAS PIPE SIZE IS BASED ON UPC 2015, TABLE 1216.2(20), INLET PRESSURE LESS THAN 2 PSI.
 ACCORDING TO UPC 2015, GAS SERVICE PRESSURE WITH A SPECIFIC GRAVITY OF 0.60 EQUALS 1,100 BTU/CF:
 1. MAXIMUM GAS DEMAND = 195,000 BTU ÷ 1,100 BTU/CF = 177.27 CF/H.R.
 2. TOTAL DEVELOPED LENGTH OF PIPE (HORIZONTAL & VERTICAL) FROM GAS METER TO MOST REMOTE OUTLET IS 226 FT.
 3. PER TABLE 1216.2(20) USE: 1/2" POLYETHYLENE GAS LINES



REVISION 24006865

NOTE: BEFORE STARTING ANY CONSTRUCTION WORK, CONTRACTOR SHALL FIELD-VERIFY LOCATION, DEPTH AND CONDITION OF ALL EXISTING UTILITIES AND DRAINAGE FACILITIES, TO ASSURE THAT PROPOSED CONNECTIONS CAN BE MADE AS INDICATED IN THESE DRAWINGS. CONTACT ENGINEER IMMEDIATELY IF ANY DISCREPANCIES THAT MAY IMPACT WORK DESCRIBED HEREIN ARE DISCOVERED.

NOTE: ALL HOMES ARE FUTURE. TO BE PERMITTED SEPARATELY.

NOTE: ALL AREA(S) NOT UNDER THE FOOTPRINT OF THE BUILDINGS ARE TO BE CONSIDERED COMMON AREAS.

NOTE: PROPOSED SITE WORK DOES NOT INCLUDE RETAINING WALLS.

NOTE: ALL WATER, SANITARY SEWER, STORM PIPING, PAVING, GAS, AND ELECTRICAL FACILITIES LOCATED IN THE COMMON AREA(S) TO BE MAINTAINED BY THE HOME OWNERS ASSOCIATION.

CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATION AND DIMENSIONS OF EXIT PORCHES, RAMPS, PRECISE BUILDING DIMENSIONS AND EXACT UTILITY ENTRANCE LOCATIONS.

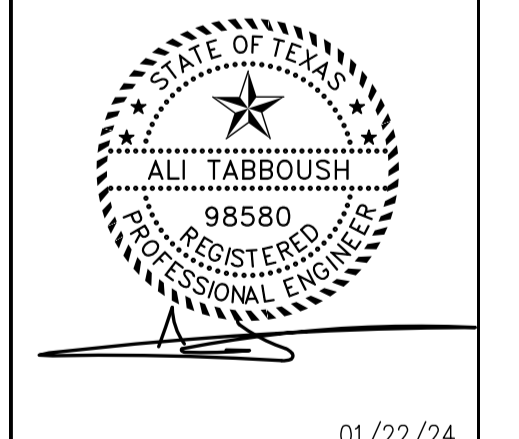
WATER LINE (W.L.) PIPE MATERIAL:
 1. W.L. SHALL BE SCHEDULE 40 PVC PIPE INSIDE THE PROPERTY AND SEAMLESS COPPER IN THE R.O.W.
 2. ALL WATER MAINS UNDER STREET PAVEMENT, IF NOT STEEL SECTION, SHALL BE P.V.C. PIPE. SIZES 4" THRU 12" SHALL BE AWWA C-900 CLASS 150 DR-18.

SANITARY SEWER (SS) PIPE MATERIAL:
 1. SS PIPE 6" AND SMALLER SHALL BE SCHEDULE 40 PVC, SS PIPE 8" AND LARGER SHALL BE SDR-35 PVC INSIDE THE PROPERTY AND C900 DR-18 (GREEN) IN THE R.O.W.

NOTE ON ELECTRIC SERVICE:
 ELECTRIC METER RACK(S) AND SERVICE LINES ARE DIAGRAMMATICAL. FINAL LOCATION SHALL BE DETERMINED BY CENTERPOINT ENERGY. CONTRACTOR SHALL PROVIDE SCREENING AROUND ELECTRIC METER RACK(S) VISIBLE FROM THE RIGHT-OF-WAY, PER SECTION 33-111 OF THE CITY OF HOUSTON CODE OF ORDINANCE.

NOTE ON GAS SERVICE:
 GAS MANIFOLD(S) AND SERVICE LINES ARE DIAGRAMMATICAL. FINAL LOCATION SHALL BE DETERMINED BY CENTERPOINT ENERGY.

This plan must be kept on job for inspections. Separate permit for plumbing is required.



01/22/24

| ISSUE HISTORY | |
|---------------|---------------------|
| DATE | ISSUED FOR |
| 11/20/23 | CLIENT REVIEW |
| 11/27/23 | PERMIT CONSTRUCTION |

| REVISIONS | |
|-----------|-------------------------------------|
| DATE | DESCRIPTION |
| 12/19/23 | COH COMMENTS DATED 12/17/23 |
| 01/22/24 | WATER METERS & EXIST. W.L. LOCATION |

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DATE: 07/31/23
 DRAWN BY: YM
 CHECKED BY: AT
 PEPP: 23050 COH: 23113980

SHEET C5