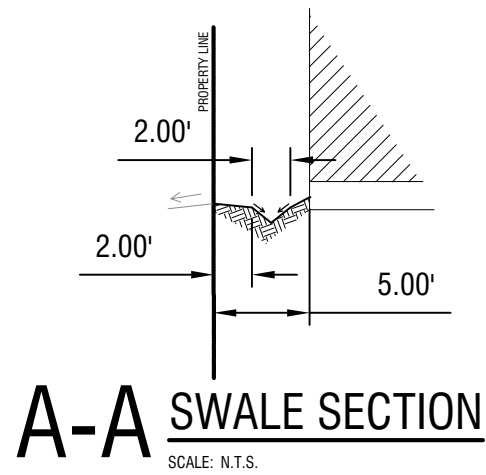
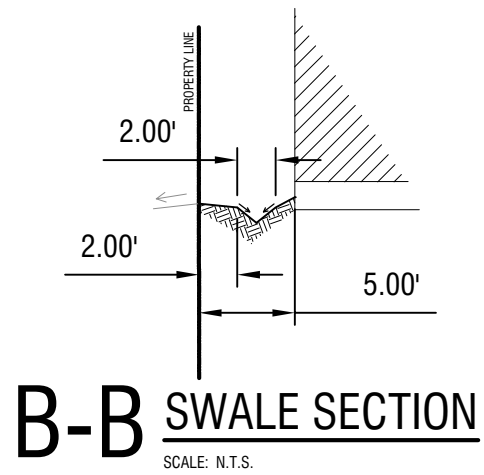
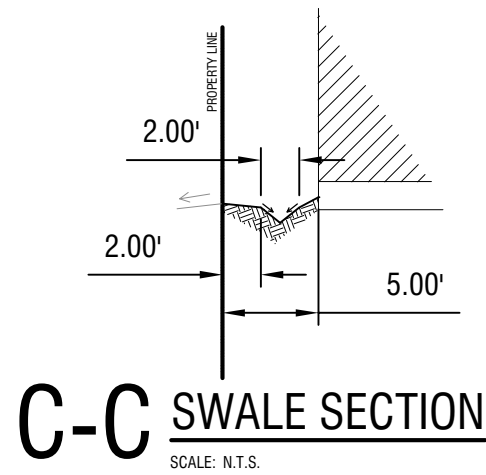


Swale will not be engineer compacted after excavation and will be sodded back



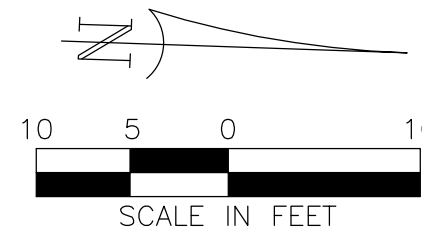
City of Houston Texas



25020574

REVIEWED FOR COMPLIANCE

Performance of this review does not relieve the applicant from full responsibility to comply with all applicable codes, ordinances and regulations. 12/14/25



BENCHMARK

TOPOGRAPHIC SURVEY ELEVATION INFORMATION BY PLOTR A. DEBSKI. THIS TOPOGRAPHIC SURVEY HAS BEEN REFERENCED TO HARRIS COUNTY FLOODPLAIN REFERENCE MARK NO: 080190.

ELEVATION=53.26 FEET (NAVD88, 2001 ADJUSTED.)

FLOODPLAIN INFORMATION

THIS SITE LIES IN ZONE "X", AN AREA DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN, AS SHOWN ON F.E.M.A. FLOOD INSURANCE RATE MAP NUMBER 48201C0680L, MAP REVISION DATED JUNE 18, 2007.

THE FEMA WEBSITE (WWW.MSC.FEMA.GOV) WAS CHECKED ON 12.05.2025. THIS FLOOD STATEMENT DOES IMPLY THAT THE PROPERTY OR STRUCTURES THEREON WILL BE FREE FROM FLOODING OR FLOOD DAMAGE. ON RARE OCCASIONS FLOODS CAN AND WILL OCCUR AND FLOOD HEIGHTS MAY BE INCREASED BY MAN-MADE OR NATURAL CAUSES. THIS FLOOD STATEMENT SHALL NOT CREATE LIABILITY ON THE PART OF THE ENGINEER.

LEGEND

XX.XX	EXISTING GRADE ELEVATION
(MEP)	MATCH EXISTING PAVING ELEVATION
(MEW)	MATCH EXISTING WALKWAY ELEVATION
(TPXX.XX)	TOP OF PAVING ELEVATION
(TWXX.XX)	TOP OF WALKWAY ELEVATION
(TGXX.XX)	TOP OF GRATE ELEVATION
→	DIRECTION OF FLOW (GRADE SLOPE)
[Pattern]	PROPOSED 5" CONCRETE PAVEMENT (REF. SHT. "C.600")
[Pattern]	PROPOSED 4 1/2" CONCRETE SIDEWALK ON R.O.W. SIDE (REF. SHT. "C.600")
[Pattern]	PROPOSED 4" CONCRETE SIDEWALK ON PRIVATE SIDE (REF. SHT. "C.600")
—	EXPANSION JOINT (EJ) (REF. SHT. "C.600")
—	CONTROL JOINT (CJ) (REF. SHT. "C.600")

GRADING

- CONTRACTOR SHALL CUT AND FILL SITE AS REQUIRED TO OBTAIN FINISHED ELEVATIONS SHOWN ON PLANS. COMPACT SELECTED BACKFILL TO 95% STANDARD PROCTOR DENSITY AS PER ASTM D-698.
- YARD AREAS, SIDEWALKS AND PAVEMENT SHALL BE GRADED TO DRAIN AWAY FROM THE BUILDING(S). FINISHED SURFACES IN ACCESSIBLE AREAS SHALL CONFORM TO THE REQUIREMENTS AMERICAN WITH DISABILITIES ACT AND TEXAS ACCESSIBILITY STANDARDS. ACCESSIBLE ROUTES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE ARCHITECTURAL DRAWINGS. ALL PAVING, SIDEWALKS AND RAMPS IN ACCESSIBLE AREAS SHALL COMPLY WITH THE REQUIREMENTS OF THE AMERICANS WITH DISABILITIES ACT, TEXAS ACCESSIBILITY STANDARDS AND THE THE FOLLOWING:
 - PARKING AND LOADING AREAS - MAXIMUM SLOPE OF 1:50 IN ALL DIRECTIONS IN ACCESSIBLE PARKING SPACES AND AISLES.
 - ACCESSIBLE ROUTES - MAXIMUM SLOPE OF 1:20 IN THE DIRECTION OF TRAVEL AND MAXIMUM CROSS SLOPE OF 1:50
 - BUILDING ENTRANCES AND EXITS - AT ALL LOCATIONS 5'X5' (MINIMUM) ACCESSIBLE, CONCRETE WALK WITH THE MAXIMUM SLOPE OF 1:50 IN ALL DIRECTIONS.

- CONTRACTOR SHALL GRADE THE SITE TO MATCH EXISTING GROUND AT THE LIMITS OF THE PROJECT SITE. ALL DRAINAGE ENTERING THE PROJECT AREA SHALL BE INTERCEPTED IN THE FINAL GRADE, TRANSITIONS TO EXISTING GROUND THAT ARE DIFFERENT FROM THE PLANS SHALL BE COORDINATED PRIOR TO FINAL GRADING.
- ALL AREAS WITHIN THE PROJECT SITE SHALL BE GRADED TO DRAIN TO ON-SITE STORM SEWERS.
- CONTRACTOR SHALL VERIFY ALL ELEVATIONS, DIMENSIONS AND CONDITIONS IN THE FIELD BEFORE COMMENCING ANY WORK. CONTRACTOR SHALL REPORT ANY CONFLICTS OR VARIATIONS AND RESOLVE ALL CHANGES WITH THE OWNER AND/OR ENGINEER PRIOR TO COMMENCING WORK.
- EXCAVATIONS MATERIAL SHALL BE DISPOSED OF PROPERLY.
- TOP OF WALK ELEVATIONS AT ALL DOORS (REF. PLAN)
- REFERENCE ARCHITECTURAL FOR SIDEWALK JOINT LAYOUT

PAVING

- PAVING AND SUBGRADE MATERIALS AND PROCEDURES TO BE IN CONFORMANCE WITH PROJECT DRAWINGS, SOILS REPORT, DETAILS ON PLANS AND PROJECT SPECIFICATIONS.
- CONTRACTOR SHALL CUT AND FILL SITE AS REQUIRED TO OBTAIN FINISHED ELEVATIONS SHOWN ON PLANS. COMPACT SELECTED BACKFILL TO 95% STANDARD PROCTOR DENSITY AS PER ASTM D-698.
- CONTRACTOR TO PROVIDE TEMPORARY MEASURES TO CONTROL STORM WATER RUN OFF DURING CONSTRUCTION AS REQUIRED TO MINIMIZE EROSION AND POLLUTION.
- CONTRACTOR TO OBTAIN ALL NECESSARY PERMITS FROM CONTROLLING GOVERNMENTAL AGENCIES
- REFERENCE GEOTECHNICAL REPORT FOR PREPARATION OF THE SITE SUBGRADE
- REFERENCE GEOTECHNICAL REPORT FOR RECOMMENDED & MINIMUM CONCRETE PAVEMENT STRENGTH @ 28 DAYS AND A MINIMUM FLEXURAL STRENGTH/MODULUS OF RUPTURE . COARSE AGGREGATE SHALL HAVE A MINIMUM DIAMETER OF ONE AND ONE-HALF (1-1/2) INCHES. TRAFFIC SHALL BE PROHIBITED ON NEWLY CONSTRUCTED PAVEMENT. SAW CUT PAVEMENT JOINTS SHALL BE COMPLETED WITHIN 6 TO 12 HOURS AFTER CONCRETE IS PLACED.
- CONCRETE SHALL BE CURED BY PROTECTING IT AGAINST LOSS OF MOISTURE, RAPID TEMPERATURE CHANGE, FOR AT LEAST 3 DAYS AFTER CONCRETE PLACEMENT.
- REINFORCING STEEL SHALL BE NEW BILLET STEEL AS FOLLOWS: REBAR SHALL CONFORM TO ASTM A615, GRADE 60 FOR ALL BARS, WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185.
- ALL PAVING SHALL BE CONSTRUCTED ON A STRAIGHT LINE GRADE BETWEEN ELEVATIONS SHOWN ON THE PLANS. CONTRACTOR SHALL CONFIRM IN THE FIELD THAT ALL PAVED AREAS ARE CONSTRUCTED TO DRAIN WITHOUT HOLDING WATER.
- ISOLATION JOINTS SHALL BE PLACED AT ALL LOCATIONS THAT SITE PAVING & SIDEWALKS ABUT TO THE BUILDING AND OTHER SITE STRUCTURES. ISOLATION JOINTS SHALL HAVE A REMOVABLE TOP STRIP AND SHALL BE SEALED WITH PAVING JOINT SEALANT. (REF. SHT. "C.101")
- EXACT JOINT LOCATION SHALL BE SET IN FIELD.
- CONTRACTOR SHALL CONFIRM EXISTING ELEVATIONS ADJOINING PROPOSED PAVING TO ASSURE THAT COMPLETE PAVING WILL PROPERLY DRAIN AND WILL NOT OBSTRUCT EXISTING DRAINAGE.
- REFERENCE ARCHITECTURAL FOR SIDEWALK JOINT LAYOUT

APPROVED STORM DRAINAGE

Stormwater runoff shall not cross property line. The construction of the proposed improvements shall not cause the capacity of any part of the existing C.O.H storm system to be exceeded. Responsibility for any impact on the C.O.H system lies with the designer of proposed project.

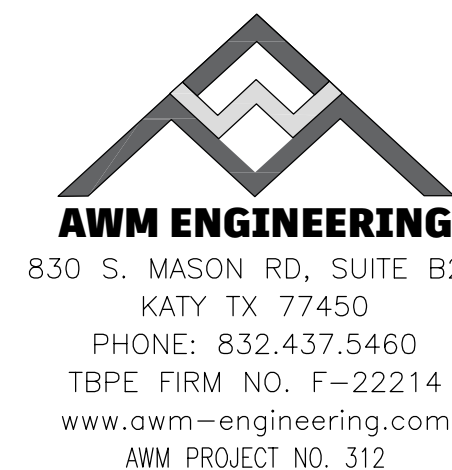
Michelle Moreno 10/29/2025

STORM FORM LOG #: 2025-0430



ONE-CALL NOTIFICATION SYSTEM
CALL BEFORE YOU DIG!!!
(713) 223-4567 (In Houston)
(New Statewide Number Outside Houston)
1-800-245-4545

THE LOCATION OF EXISTING UNDERGROUND UTILITIES ARE SHOWN BASED ON INFORMATION PROVIDED ON SURVEY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK



PROJECT NAME:
5116 DENMARK ST STACKED-DUPLEX
BLDG 1-3 (A&B)

OWNER:
5116 DENMARK STREET
HOUSTON TEXAS 77016

N/A

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GRADING AND
PAVING PLAN
C.600