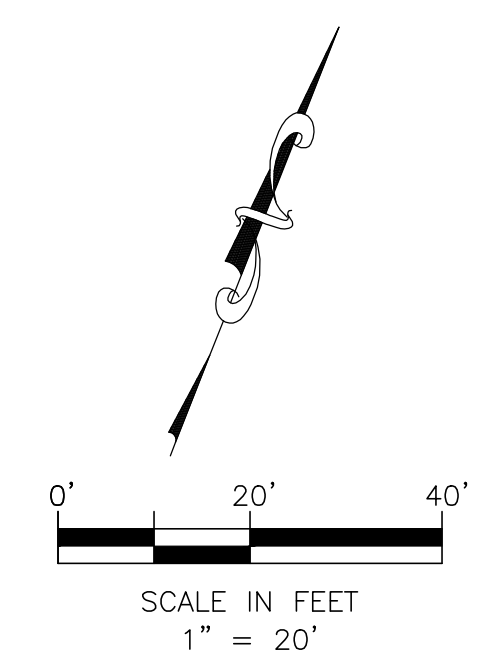




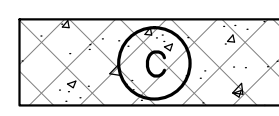

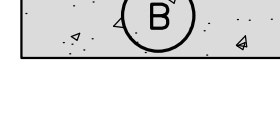
FLOOD NOTE:
 SUBJECT TRACT IS LOCATED IN ZONE "X"
 AREAS DETERMINED TO BE OUTSIDE THE 0.20%
 ANNUAL CHANCE FLOOD PER FEMA MAP
 48157C0105 L DATED 04/02/14.

BENCHMARK:
 SQUARE CUT ON TOP OF "C" INLET LOCATED
 NEAR THE NORTHEAST CORNER OF THE
 SUBJECT TRACT AND ON THE SOUTH R.O.W.
 LINE OF CROSS CREEK BEND LANE AS SHOWN
 ON SURVEY.
 ELEV. = 134.76'
 ELEVATIONS HEREON ARE BASED ON CROSS
 CREEK RANCH T.B.M. DISK NO. 1
 ELEV. = 138.04', NAVD 88, 2001 ADJUSTMENT.

| REVISIONS AND ISSUANCE | | |
|------------------------|------|-------------|
| NO. | DATE | DESCRIPTION |
| | | |



LEGEND

-  CJ CONTRACTION/CONSTRUCTION JOINT KEYED
-  EJ EXPANSION JOINT WITH DOWELS
-  PROPOSED HEAVY DUTY CONCRETE PAVEMENT
-  PROPOSED MEDIUM DUTY CONCRETE PAVEMENT
-  PROPOSED LIGHT DUTY CONCRETE PAVEMENT

PAVEMENT NOTES:

1. CONCRETE FOR 7" THICK CONCRETE PAVING SHALL HAVE 3500 PSI COMPRESSIVE STRENGTH AT 28 DAYS, AND REINFORCED WITH #4 BARS AT 15-INCHES ON CENTER EACH WAY. CONCRETE FOR 6" CONCRETE PAVING SHALL HAVE 3500 PSI COMPRESSIVE STRENGTH AT 28 DAYS, AND REINFORCED WITH #4 BARS AT 18-INCHES ON CENTER EACH WAY. CONCRETE FOR 5" CONCRETE PAVING SHALL HAVE 3500 PSI COMPRESSIVE STRENGTH AT 28 DAYS, AND REINFORCED WITH #4 BARS AT 24-INCHES ON CENTER EACH WAY. CONCRETE SHALL HAVE MINIMUM OF 500 PSI FLEXURAL STRENGTH AT 7 DAYS. REINFORCING STEEL SHOULD CONFORM TO ASTM A615, GRADE 60.
2. 6-INCHES SUBGRADE SHOULD BE LIME/FLY ASH STABILIZED WITH 3% LIME AND 7% FLY ASH BY DRY WEIGHT PER TXDOT SPECS 265 OR 10% CEMENT STABILIZATION PER TXDOT SPECS 275, COMPACT TO 95% OF MAXIMUM STANDARD PROCTOR DENSITY (ASTM D698) AT A MOISTURE CONTENT WITHIN A RANGE OF -2% TO +2% OF OPTIMUM.
3. SUGGESTED LONGITUDINAL AND TRANSVERSE JOINT SPACING FOR CONCRETE PAVING PLACED ON EXPANSIVE FOUNDATION SOIL IS NOT TO EXCEED 15-FT. THE EXPANSION JOINT SPACING IS NOT TO EXCEED 60-FT.
4. CONCRETE FOR 4-1/2" CONCRETE SIDEWALK SHALL HAVE 3,000 PSI COMPRESSIVE STRENGTH AT 28 DAYS, AND REINFORCED WITH #3 BARS AT 18-INCHES ON CENTER EACH WAY.
5. PLACE 2" BANK SAND BELOW CONCRETE SIDEWALK
6. CONTROL JOINT SPACING: MAXIMUM OF 15 FEET. IF SAWCUT, CONTROL JOINTS SHOULD BE CUT WITHIN 6 TO 12 HOURS OF CONCRETE PLACEMENT.
7. THE JOINT LAYOUT CONFIGURATION AS SHOWN ON THIS SHEET MAY BE MODIFIED AS NECESSARY IN THE FIELD AS LONG AS THE MODIFIED LAYOUT IS IN COMPLIANCE WITH THE CRITERIA STATED IN NOTE #3.
8. CONCRETE SHALL BE PLACED IN ALTERNATE STRIPS WHERE APPLICABLE.
9. CONSTRUCTION JOINTS MAY BE UTILIZED AT THE LOCATIONS INDICATED AT THE CONTRACTORS DISCRETION TO ISOLATE HEAVY AND LIGHT DUTY PAVEMENT.

NOTES:

1. ALL DIMENSIONS ARE TO FACE OF CURB, FACE OF BUILDING, PROPERTY LINE, CENTER OR END OF STRIPPING, UNLESS OTHERWISE NOTED.
2. SEE ARCHITECTURAL SITE PLAN FOR ADDITIONAL SITE DIMENSIONS, FEATURES, AND LANDSCAPING.

IVY KIDS EARLY LEARNING CENTER
 LOT COM21
 CROSS CREEK RANCH
 6407 CROSS CREEK BEND LANE
 FULSHEAR, Tx 77441

MISSION ENGINEERING INC.
 10370 RICHMOND AVE, #560
 HOUSTON, TEXAS 77042
 (713) 981-0018
 [E] dzhuang@missioneng.com
 TPEF Registration No. F-11771



06/21/2019

DRAWING TITLE
PAVEMENT JOINT LAYOUT PLAN

| | |
|------------|------------|
| DRAWN BY | CHECKED BY |
| EL | EL |
| DATE | JOB NO. |
| 06/21/2019 | 1903081 |

DRAWING NO.
C5

