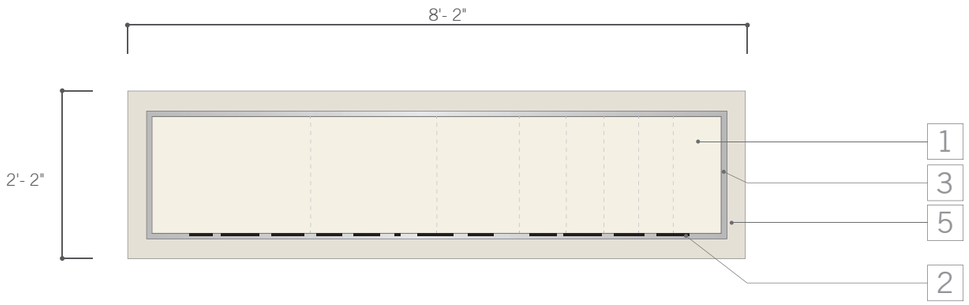
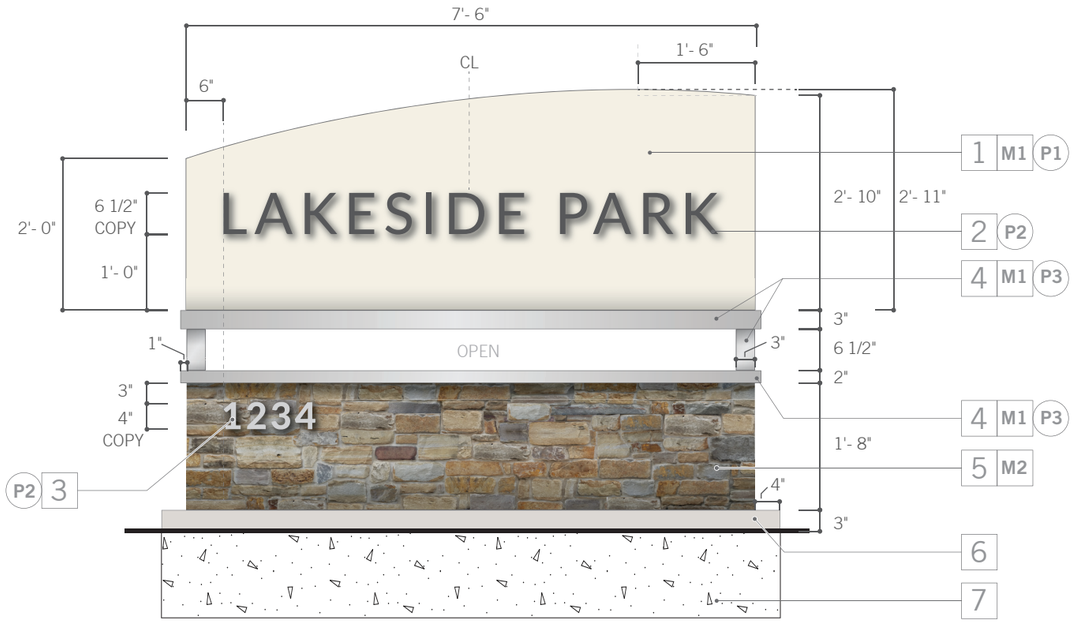


3 Plan View
Scale: 1/2" = 1'-0"



1 Front Elevation - Single Sided
Scale: 1/2" = 1'-0"

2 Side Elevation
Scale: 1/2" = 1'-0"

Fabrication Notes

1. Fabricated aluminum sign cabinet. Painted to match **MP05575 Bianco Crema**
2. 1/4" thick waterjet cut aluminum text. Painted to match **MP19844 Dauphin Grey Metallic**. Mount flush to cabinet face

   Typefont: Lato, Medium
3. 1/4" thick waterjet cut aluminum numerals painted to match **MP56389 Slate Metallic**. Mount flush to cabinet face

   Typefont: Lato, Heavy
4. Fabricated aluminum risers, frame and top cap painted to match **MP56389 Slate Metallic.**
5. 1-1/4" thick stone veneer clad around an aluminum angle frame structure. Corners mitered and all joints grouted with exterior grade grout to match stone coloring. Anchors and attachments to be non-corrosive.
6. Concrete mow guard to have smooth, continuous finish without air pockets.
7. Concrete foundation with mow guard, refer to structural drawings for detail.

M1	**Aluminum**
M2	**Project Stone Veneer**

P1	**Beige:** MP05575 Bianco Crema
P2	**Dark Grey:** MP19844 Dauphin Grey Metallic
P3	**Silver:** MP56389 Slate Metallic

Colors to be varified by Owner

minor design

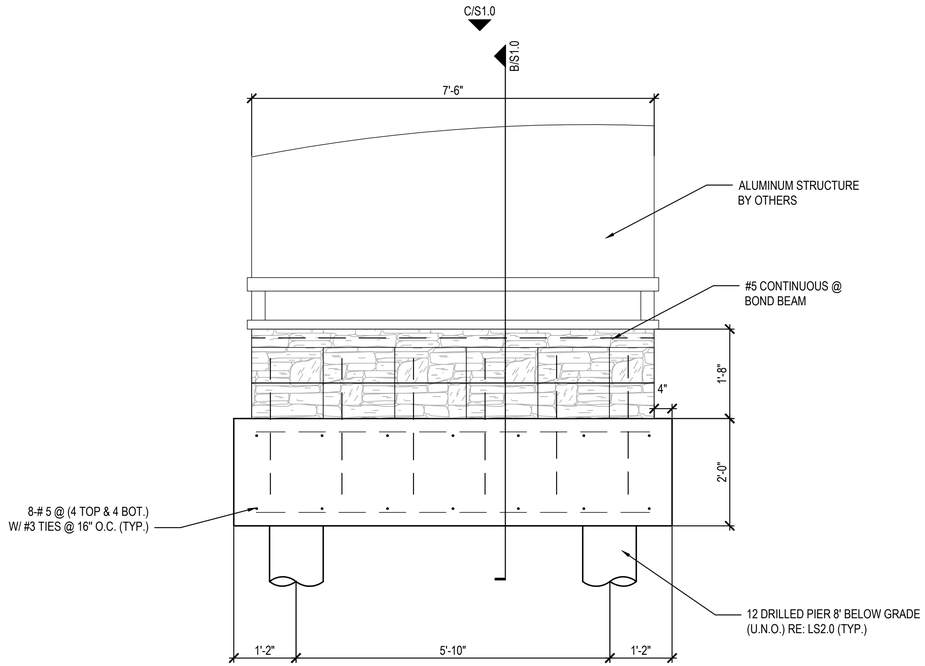
ISSUE	DATE
CD 100%	08.11.22

ANGLETON SIGNAGE
Lakeside Park Entry Monument

DRAWN: MD
CHECKED: MD
SCALE: AS NOTED

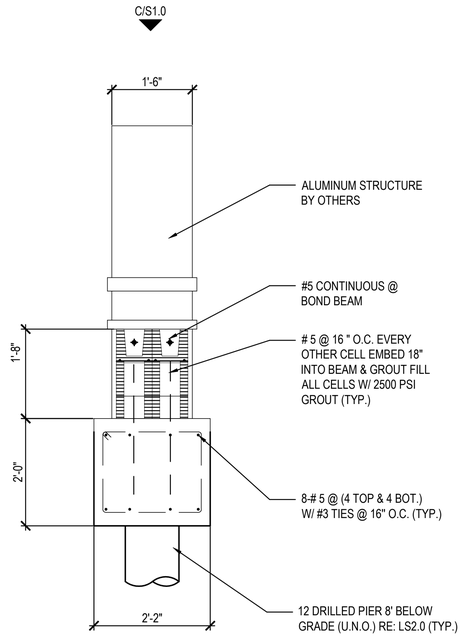
Lakeside Park
Entry Monument
detail

Sheet No. **01**



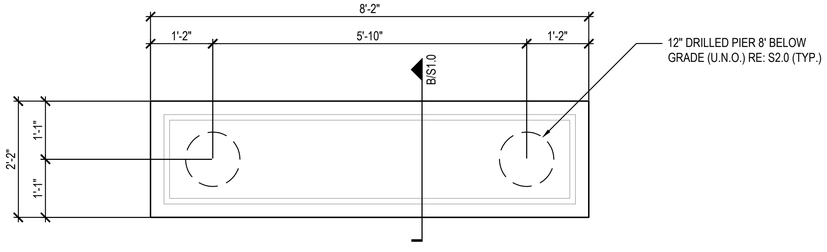
A MONUMENT SIGN - ELEVATION

3/4"=1'-0"



B MONUMENT SIGN - SECTION

3/4"=1'-0"



C MONUMENT SIGN - FOUNDATION PLAN

3/4"=1'-0"

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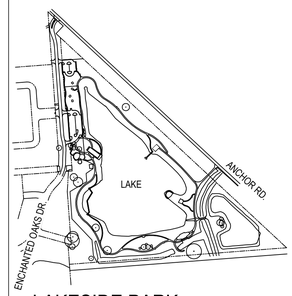
SEAL

ISSUE

1	100% CD - MONUMENT SIGN	08.22.22

KEY MAP



LAKESIDE PARK
CITY of ANGLETON
ANGLETON, TX

CONSTRUCTION DETAILS

DRAWN BY: SA
CHECKED BY: KB
DATE: 21.04.15
SCALE: AS SHOWN
PROJECT #: 19-1090-0016

SHEET
S1.00

DESIGN CRITERIA — 2015 IBC

WIND LOAD: V(ult) = 139 MPH Risk Category II

GENERAL NOTES:

1. THE FOLLOWING SPECIFICATIONS ARE AN OUTLINE OF MINIMUM MATERIAL REQUIREMENTS AND THEIR APPLICATION. MANUFACTURER SPECIFICATION AND LOCAL CODE REQUIREMENTS, WHEN IN EXCESS OF MINIMUM SPECIFICATION, SHALL CONTROL. IT IS THE CONTRACTOR'S RESPONSIBILITY TO REVIEW AND SUBMIT ALL SHOP DRAWINGS AND REPORT ALL DOCUMENT DISCREPANCIES TO THE STRUCTURAL ENGINEER PRIOR TO FABRICATION OR ERECTION.
2. AT CONSTRUCTION ISSUE, THESE DRAWINGS REPRESENT STRUCTURAL COMPONENTS IN THEIR FINAL AND FINISHED STATE. CONSTRUCTION PROCEDURES, METHODS, SAFETY PRECAUTIONS OR MECHANICAL REQUIREMENTS USED TO ERECT THEM ARE THE SOLE RESPONSIBLITY OF THE GENERAL CONTRACTOR OR SUBCONTRACTOR DOING THE WORK.
3. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AT EXISTING STRUCTURES WHICH AFFECT THE WORK PRIOR TO FABRICATION OF ANY CONSTRUCTION ITEMS, AND REPORT ANY VARIATIONS FROM THE DRAWINGS TO THE STRUCTURAL ENGINEER.
4. EXCAVATION FOR FOUNDATION SHALL BE PROTECTED TO MAINTAIN AN UNDISTURBED BEARING SURFACE.

CONCRETE NOTES AND SPECIFICATIONS:

1. ALL CONCRETE WORK SHALL CONFORM TO THE "A.C.I. BUILDING CODE", ACI 318 AND ACI 301, LATEST EDITION.
2. DETAILING, FABRICATION AND PLACING OF REINFORCING STEEL SHALL BE IN ACCORDANCE WITH ACI 315-90, "ACI DETAILING MANUAL – 1990".
3. UNLESS OTHERWISE NOTED, ALL REINFORCING BARS #4 AND LARGER SHALL CONFORM TO ASTM A-615 GRADE 60 (60,000 PSI YIELD) AND ALL #2 AND #3 BARS SHALL CONFORM TO GRADE 40 (40,000 PSI YIELD). REINFORCING SHALL BE FREE FROM OIL, DIRT AND OTHER MATERIALS THAT WOULD REDUCE THE BOND WITH THE CONCRETE.
4. WELDED WIRE MESH (WWM) SHALL CONFORM TO ASTM A-185.
5. UNLESS OTHERWISE NOTED, CONCRETE PROTECTION FOR REINFORCING SHALL BE AS SPECIFIED IN THE "A.C.I. BUILDING CODE", (ACI 318 LATEST EDITION).
6. CONCRETE STRENGTH AND PROTECTION FOR REINFORCEMENT OF POURED-IN-PLACE MEMBERS; SEE SECTION 7.7 ACI 318 LATEST EDITION.

A.

STRUCTURAL ELEMENT	MINIMUM COVER (INCHES)	CONCRETE STRENGTH (PSI) AT 28 DAYS	W/C RATIO
FOOTINGS	3" ALL SURFACES	3000	0.52
GRADE BEAMS	3" BOTTOM, 2" SIDES, 1 1/2" TOP	3000	0.52
SLAB ON GRADE	1 1/2" TOP & BOTTOM	3000	0.52
RETAINING WALLS & ELEVATOR PITS	1" TOP & 2" EXTERIOR, 3/4" INTERIOR	3000	0.52

PORTLAND CEMENT SHALL CONFORM TO ASTM C150, TYPE 1. MINIMUM OF 5 SACKS OF CEMENT PER CUBIC YARD.

7. FLYASH MAY BE USED TO REPLACE A PORTION OF THE PORTLAND CEMENT. THE RATIO OF FLYASH TO THE TOTAL OF THE FLYASH AND CEMENT IN A MIX SHALL NOT EXCEED 20%. FLYASH SHALL CONFORM TO ASTM C618, TYPE C OR F.
8. NO WATER SHALL BE ADDED TO THE CONCRETE AT THE JOBSITE. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE WITH THE CONCRETE SUPPLIER TO ENSURE A PUMPABLE AND WORKABLE MIX WITHOUT THE ADDITION OF WATER AT THE JOBSITE. THE USE OF PLASTICIZERS, RETARDANTS AND OTHER ADDITIVES SHALL BE AT THE OPTION OF THE CONTRACTOR SUBJECT TO THE APPROVAL OF THE STRUCTURAL ENGINEER. FOLLOW THE RECOMMENDATIONS OF THE MANUFACTURER FOR THE PROPER USE OF ADDITIVES. THE USE OF CALCIUM CHLORIDE OR OTHER CHLORIDE BEARING SALTS SHALL NOT BE PERMITTED.
9. CONCRETE SLUMP TESTS SHALL BE MADE BEFORE AND AFTER THE ADDITION OF ADMIXTURES AND MAY BE TAKEN AT THE BACK OF THE TRUCK. CONCRETE FOR THE PREPARATION OF TEST CYLINDERS SHALL BE TAKEN FROM THE HOSE END FOR CONCRETE PLACED BY PUMP.
10. ALL REINFORCING STEEL MARKED SHALL BE CONTINUOUS AND LAPPED 40 BAR DIAMETERS AT SPLICES AND AROUND CORNERS OR INTERSECTIONS WITH A STANDARD 90 DEGREE BEND ON CORNER BARS. LAP TOP BARS AT CENTER OF SPAN; LAP BOTTOM BARS AT SUPPORTS. LAP WELDED WIRE MESH ONE FULL MESH AT SIDE AND END LAPS.

NOTE:

11. REFER TO ARCHITECTURAL, MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS FOR ANY OTHER ADDITIONAL SLEEVES, ANCHORS, VENT OPENINGS, ETC., NOT SHOWN ON STRUCTURAL PLANS THAT MIGHT BE REQUIRED.
12. PLACE CONCRETE IN A MANNER SO AS TO PREVENT SEGREGATION OF THE MIX. DELAY FLOATING AND TROWELING OPERATIONS UNTIL CONCRETE HAS LOST SURFACE WATER SHEEN OR ALL FREE WATER. DO NOT SPRINKLE FREE CEMENT ON THE SLAB SURFACE. FINISHING OF SLAB SURFACES SHALL COMPLY WITH THE RECOMMENDATIONS OF AC1 302.1 AND 304.
13. PROVIDE 7 DAY CURING OF SLAB IMMEDIATELY AFTER FINISHING USING ONE OF THE FOLLOWING METHODS:
    - A. CONTINUOUSLY WATERED BURLAP
    - B. WATERPROOF MEMBRANES
    - C. SPRAYED-ON LIQUID MEMBRANE
14. PROTECT THE CONCRETE SURFACE BETWEEN FINISHING OPERATIONS ON HOT, DRY DAYS OR ANY OTHER TIME THAT PLASTIC SHRINKAGE CRACKS COULD DEVELOP BY USING WET BURLAP, PLASTIC MEMBRANE OR FOGGING. PROTECT CONCRETE SLAB AT ALL TIMES FROM RAIN, HAIL OR OTHER INJURIOUS EFFECTS.
15. UNLESS SPECIFIED, CONCRETE MUST REACH THE FOLLOWING PERCENTAGES OF ITS 28-DAY COMPRESSIVE STRENGTH (F'c), BEFORE FORMS MAY BE REMOVED.

WALLS, COLUMNS, & BEAM SIDES	40%
JOIST PANS & BEAM BOTTOMS (IF RESHORED)	70%
SHORING FOR FLOOR SYSTEMS (IF NOT RESHORED)	85%

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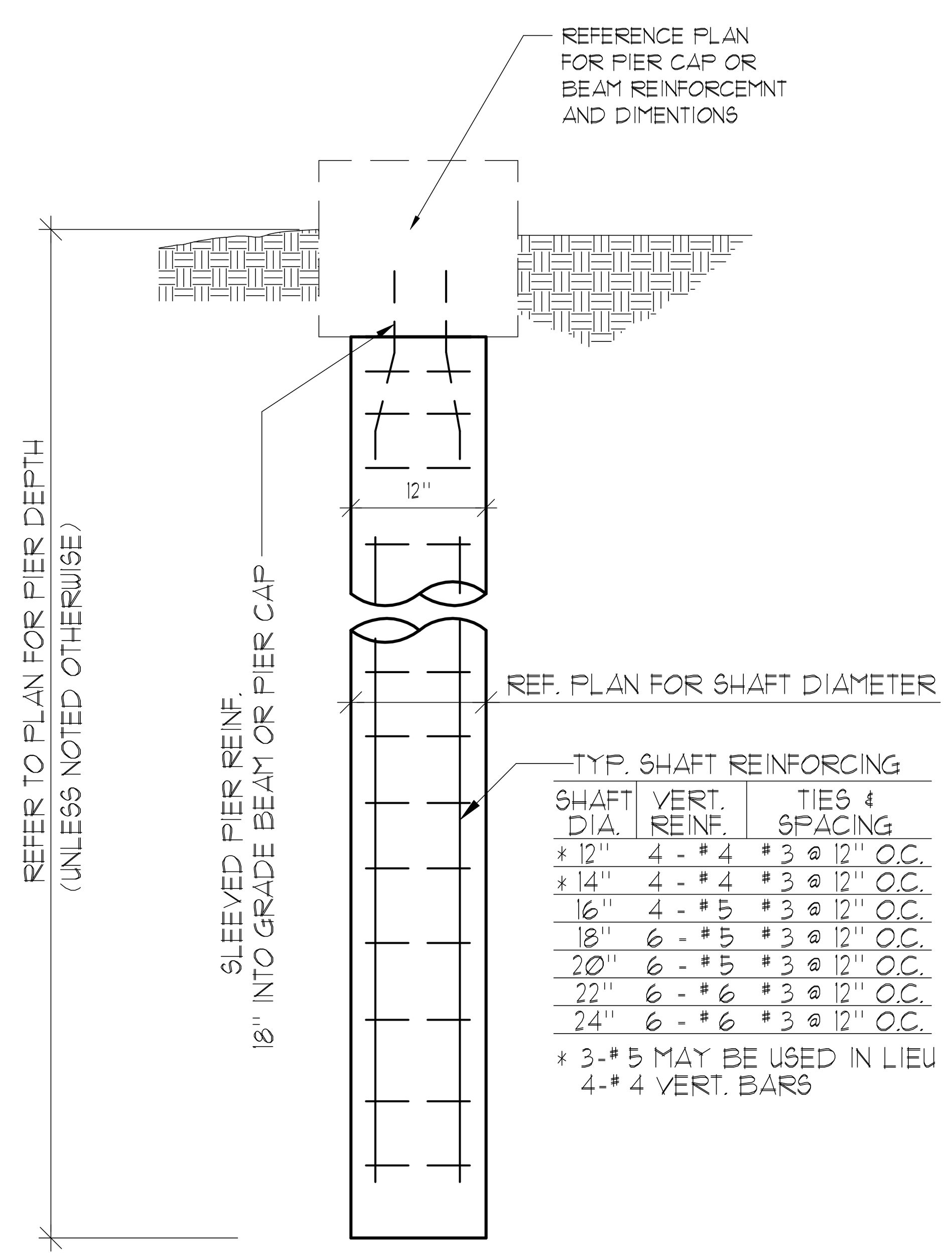

SHAFT DIA.	VERT. REINF.	TIES & SPACING
* 12"	4 - #4	#3 @ 12" O.C.
* 14"	4 - #4	#3 @ 12" O.C.
16"	4 - #5	#3 @ 12" O.C.
18"	6 - #5	#3 @ 12" O.C.
20"	6 - #5	#3 @ 12" O.C.
22"	6 - #6	#3 @ 12" O.C.
24"	6 - #6	#3 @ 12" O.C.

* 3-#5 MAY BE USED IN LIEU 4-#4 VERT. BARS

TYPICAL PIER DETAIL

MASONRY NOTES:

1. ALL MASONRY MATERIALS AND CONSTRUCTION SHALL COMPLY WITH THE RECOMMENDATIONS OF BRICK INSTITUTE OF AMERICA (BIA) AND NATIONAL CONCRETE MASONRY ASSOCIATION (NCMA) AND MINIMUM REQUIREMENTS ESTABLISHED BY LOCAL BUILDING CODE.
2. ALL CONCRETE MASONRY UNITS (CMU) SHALL BE ASTM C-90 TYPE N UNLESS OTHERWISE SPECIFIED BY APPLICABLE BUILDING CODE.
3. CONTROL JOINTS SHALL BE SPACED PER PLANS AND SPECIFICATIONS OR AT A MAXIMUM SPACING OF 20'-0" CENTERS, AND WHERE MASONRY CHANGES DIRECTION UNLESS SPECIFICALLY APPROVED OTHERWISE BY ENGINEER.
4. MORTAR: EXCEPT AS OTHERWISE SET FORTH HEREIN ALL MORTARS AND THE MATERIALS THEREIN SHALL CONFORM TO THE STANDARD SPECIFICATIONS FOR MORTAR OF MASONRY UNITS, ASTM C270.

A) MORTAR USED TO BOND UNIT MASONRY SHALL BE OF TYPE M, S, OR N, AND SHALL COMPLY WITH THE PROPERTY SPECIFICATIONS SET FORTH BELOW:

MORTAR STRENGTH PROPERTY SPECIFICATIONS

TYPE	MINIMUM AVERAGE STRENGTH (PSI)
M	2500
S	1800
N	750

B) THE TYPE OF MORTAR BASED ON CONSIDERATION OF THE LOCATION OF THE UNIT MASONRY CONSTRUCTION SHALL BE AS FOLLOWS:

USE OF LOCATION	TYPE OF MORTAR
BELOW GRADE FOUNDATION AND WALLS	M
RETAINING WALLS	M
FIRE RESISTIVE WALLS RATED 2 HOURS OR MORE	M OR S
EXTERIOR WALLS AND LOAD BEARING WALLS	M OR S
PARTITIONS	M, S OR N
SOLID MASONRY UNITS	ONE CLASSIFICATION LESS THAN THE ABOVE
MORTAR OR GROUT UNDER CONCENTRATED LOADS	M
FENCES	M OR S

5. ALL REINFORCED MASONRY WALLS WITH OPENINGS UP TO 4'-0" WIDE, SHALL HAVE ONE BAR (MINIMUM) AT EACH SIDE OF OPENINGS. FOR OPENINGS LARGER THAN 4'-0" WIDE PROVIDE 2 BARS AT EACH SIDE OF OPENINGS. FILL ALL REINFORCED CELLS WITH 2500 P.S.I. GROUT. REINFORCING AT EDGES OF OPENINGS TO MATCH TYPICAL MASONRY REINFORCING SIZE (UNLESS NOTED OTHERWISE) AND EXTEND TO TOP OF WALL.
6. NO SPECIAL INSPECTION IS REQUIRED FOR CMU WALLS.
7. PROVIDE LADDER TYPE REINFORCING AT 16" O.C. FOR ALL CMU WALLS UNLESS NOTED OTHERWISE.
8. GROUT SOLID ALL REINFORCED CELLS AND BOND BEAMS WITH 2500 PSI GROUT.
9. ALL REINFORCED MASONRY WALL CORNERS AND INTERSECTIONS SHALL HAVE ONE VERTICAL BAR (MINIMUM). FILL REINFORCED CELL (S) WITH 2500 PSI GROUT. REINFORCING SHALL MATCH TYPICAL MASONRY REINFORCING SIZE (UNLESS NOTED OTHERWISE) AND EXTEND TO TOP OF WALL.
10. PROVIDE ONE VERTICAL BAR (MIN.) FIRST CELL EACH SIDE OF CONTROL JOINTS. FILL CELL WITH 2500 PSI GROUT.

LAP SPLICE LENGTHS FOR MASONRY REINFORCEMENT:

REINFORCING BAR SIZE	MIN LAP SPLICE LENGTH
#4	30"
#5	45"
#6	54"
#7	63"
#8	72"
#9	81"
#10	91"
#11	102"

WHEN ADJACENT SPLICES IN GROUTED MASONRY ARE SEPARATED BY 3 INCHES OR LESS, THE REQUIRED LAP LENGTH MUST BE INCREASED 30%.

WHEN EPOXY-COATED BARS ARE USED, THE REQUIRED LAP SPLICE LENGTH SHALL BE INCREASED 50%.

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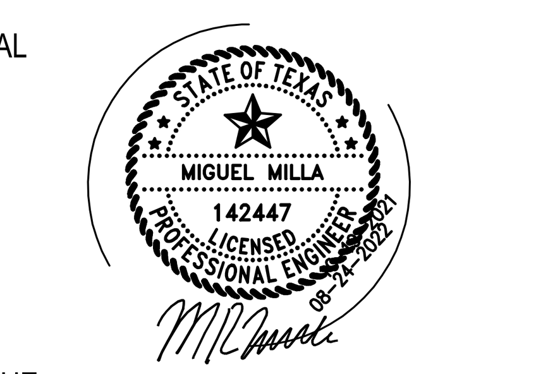
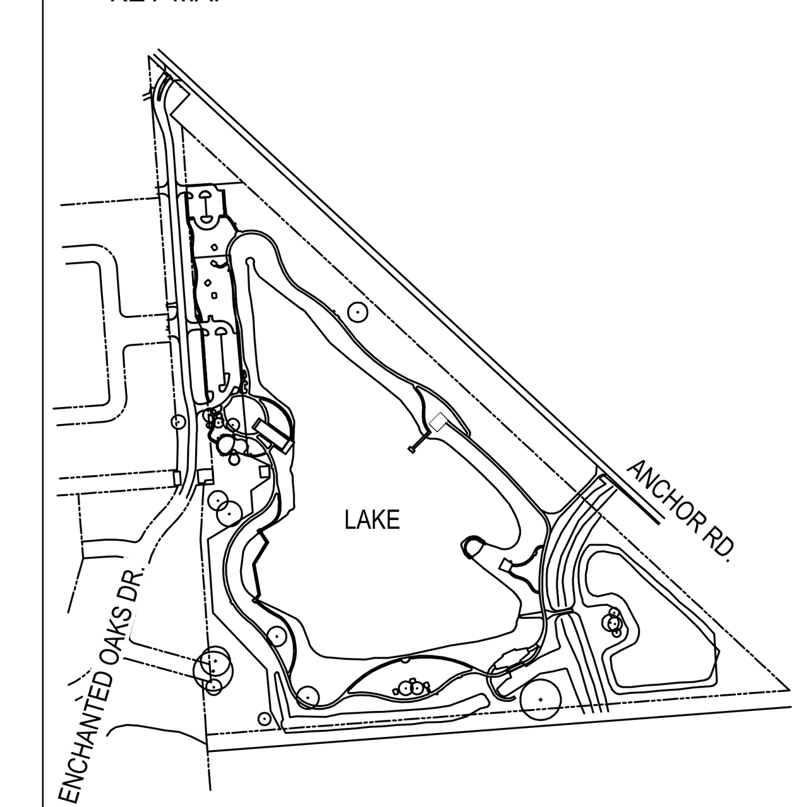


ISSUE

1	100% CD - MONUMENT SIGN	08.22.22

KEY MAP



LAKESIDE PARK
CITY of ANGLETON
ANGLETON, TX

STANDARD NOTES AND DETAILS

DRAWN BY: SA
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DATE: 21.04.15
SCALE: AS SHOWN
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S2.00