

- OVERALL SCHEDULE & SEQUENCING (THIS PROJECT) :**
1. SWPPP MEASURES AND PERIMETER SETTLING DITCH.
 2. BIG POND EXCAVATION.
 3. BIG POND WEIR AND OUTFALL.
 4. SMALL POND, WEIR, AND OUTFALL.

- POTENTIAL PROJECTS (UNDER REVIEW) MITIGATED BY THIS PROJECT :**
1. INVERSION OF G.C.W.A. SIPHON.
 2. C12 IMPROVEMENTS AND/OR REALIGNMENT.
 3. JORDAN STREET CROSSING - REPLACE OR REMOVE 66" CAP ON THIRD CULVERT.
 4. RAILROAD BRIDGE - REMOVE OR REPLACEMENT.
 5. BISSEL CROSSING - REMOVE OR REPLACE.

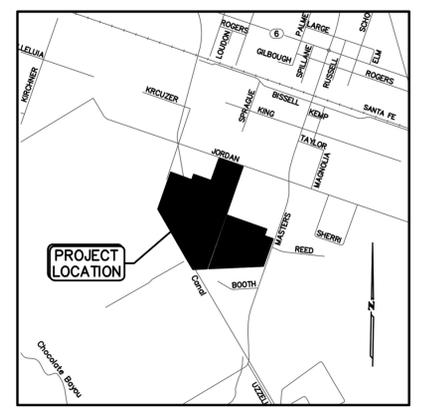
BENCHMARK ELEV. 53.57'
 NGS MONUMENT P 1512 (PID AHS684) BEING A STAINLESS STEEL ROD IN SLEEVE WITH COVER STAMPED "P 1512 1987" AT THE JUNCTION OF THE GULF, COLORADO, AND SANTA FE RAILROAD AND F.M. 1128, 56' NORTHWEST OF THE CENTERLINE OF F.M. 1128, 16' SOUTHWEST OF THE SOUTHWEST RAIL, AND 15' WEST OF THE NORTHWEST CORNER OF A METAL BUILDING. (NAVD 88)

TEMPORARY BENCHMARK "A" ELEV. 49.24'
 RAILROAD SPIKE IN POWER POLE ALONG THE EAST RIGHT-OF-WAY LINE OF MASTERS ROAD AT THE INTERSECTION OF MASTERS ROAD AND REED LANE, AS SHOWN ON SHEET 3. (NAVD 88)

TEMPORARY BENCHMARK "B" ELEV. 51.28'
 RAILROAD SPIKE IN POWER POLE ALONG THE WEST RIGHT-OF-WAY LINE OF PETERS ROAD APPROXIMATELY 765' SOUTHWEST OF THE INTERSECTION OF PETERS ROAD AND JORDAN STREET, AS SHOWN ON SHEET 1. (NAVD 88)

TEMPORARY BENCHMARK "C" ELEV. 52.42'
 RAILROAD SPIKE IN POWER POLE ALONG THE NORTH RIGHT-OF-WAY LINE OF JORDAN STREET APPROXIMATELY 1460' SOUTHWEST OF THE INTERSECTION OF JORDAN STREET AND PETERS ROAD, AS SHOWN ON SHEET 1. (NAVD 88)

FLOOD STATEMENT
 FLOOD STATEMENT: THE FEDERAL EMERGENCY MANAGEMENT AGENCY'S FLOOD INSURANCE RATE MAP (FIRM) FOR THE CITY OF MANVEL, BRAZORIA COUNTY, TEXAS AND INCORPORATE AREAS, PANEL No. 48039C130K DATED DECEMBER 30, 2020 INDICATES THAT THIS TRACT IS WITHIN ZONE "AO" (DEPTH 3) A SPECIAL FLOOD HAZARD AREA INUNDATES BY 100 -YEAR FLOODS. THIS DETERMINATION HAS BEEN MADE BY SCALING THE PROPERTY ON THE ABOVE REFERENCED MAP AND IS NOT THE RESULT OF AN ELEVATION SURVEY. WARNING: IF THIS SITE IS NOT WITHIN AN IDENTIFIED SPECIAL FLOOD HAZARD AREA, THIS STATEMENT DOES NOT IMPLY THAT THE PROPERTY AND / OR THE STRUCTURES THEREON WILL BE FREE FROM FLOODING FOR FLOOD DAMAGE. ON RARE OCCASIONS, GREATER FLOODS CAN AND WILL OCCUR AND FLOOD HEIGHT MAY BE INCREASE BY MAN -MADE OR NATURAL CAUSES. THIS FLOOD STATEMENT SHALL NOT CREATE LIABILITY ON THE PART OF THE SURVEYOR OR THE ENGINEER.



VICINITY MAP
 SCALE: 1" = 1/2 MI.
 KEY MAP : XXXX

- LEGEND**
- EXISTING**
- MANHOLE
 - CLEAN OUT
 - POWER POLE
 - DOWN GUY
 - FIRE HYDRANT
 - WATER VALVE
 - WATER METER
 - STREET SIGN
 - AREA LIGHT
 - TELEPHONE ENCLOSURE
 - GAS METER
 - CHAIN LINK FENCE
 - BARBED WIRE FENCE
 - WOOD FENCE

DRAINAGE IMPACT ANALYSIS :
 SEE MANVEL DETENTION POND DRAINAGE STUDY BY GAUGE ENGINEERING, LLC OCTOBER, 2021 FOR ANALYSIS AND MODELING FOR THIS PROJECT.

200 0 200 400
 SCALE: 1" = 200'

NO.	DATE	REVISIONS	APP.

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**CITY OF MANVEL
 DRAINAGE POND
 MANVEL, TEXAS**

GENERAL LAYOUT

STATE OF TEXAS
 PROFESSIONAL ENGINEER
 92955
 J.D.A.
 10/2022