

**APPENDIX IA**

**GENERAL LOCATION MAPS**

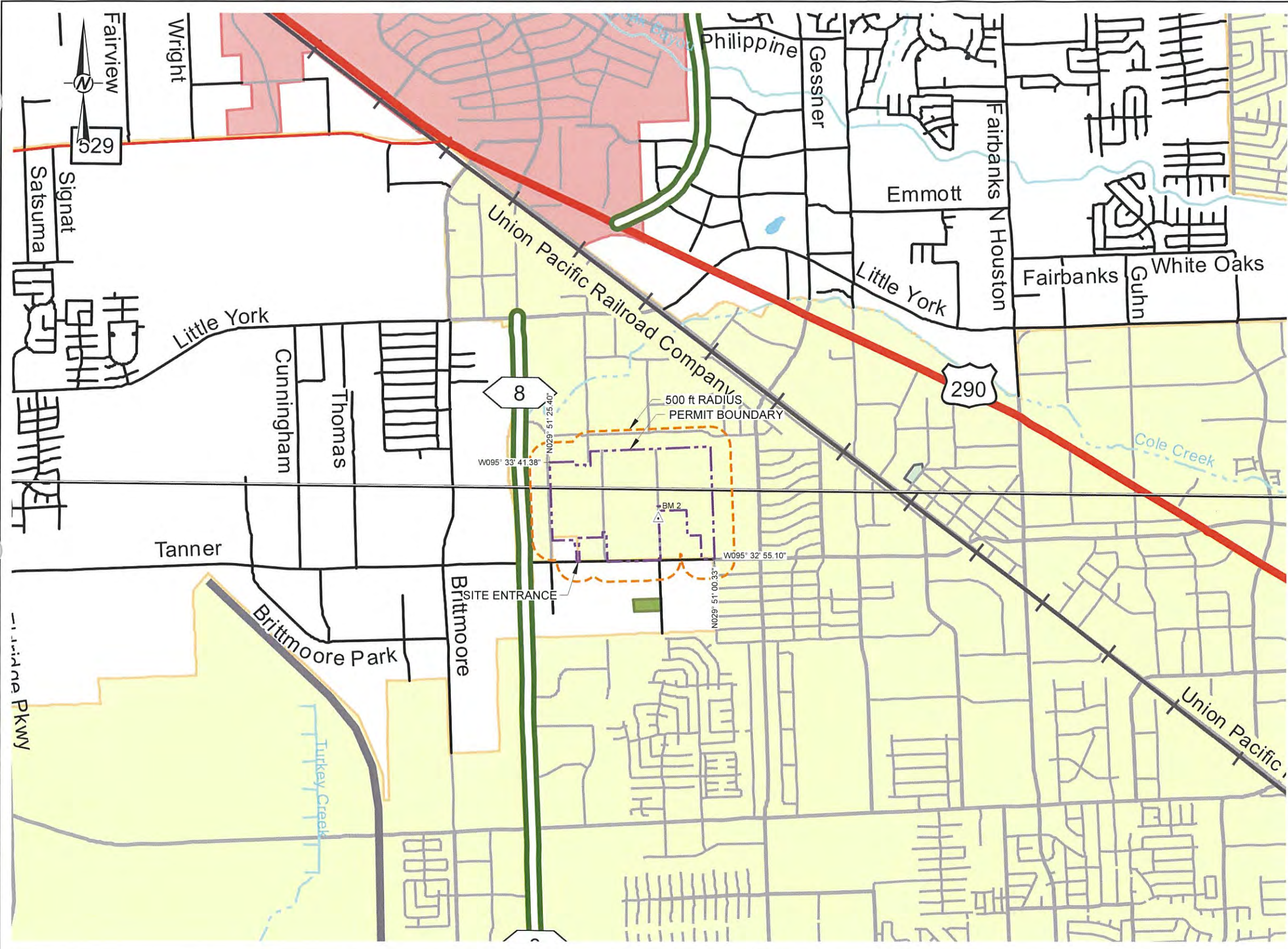
**FIGURES**

Figure I-A-1	General Highway Map
Figure I-A-2	Site Location Map
Figure I-A-3	General Topographic Map
Figure I-A-4	Aerial Photograph
Figure I-A-5	General Site Plan
Figure I-A-6	Permit History Map









COUNTY MAPBOOK 2012 LEGEND

	IH, BI		Airport
	US, BU, UA, UP		Airport Runway
	SH, BS		Cemetery
	SL, SS, PR		Campground
	FM, BF, RM, RR, RE, RS, PA		Park or Protected Land
	County Road		School
	City Street or other Non-County Maintained Road		Military Installation
	Railroad		Prison
	County Line		Incorporated City
	River		Unincorporated Community
	Flowing Stream		
	Intermittent Stream		
	Canal		
	Gulf Intracoastal Waterway		
	Body of Water		
	Dam		

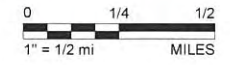
LEGEND  
 PERMIT BOUNDARY  
 SITE BENCHMARK

NOTE(S)  
 1. THE LOCATION OF OIL AND GAS AND WATER WELLS IS SHOWN IN PART II ON FIGURE II-10.

REFERENCE(S)  
 BASE MAP TAKEN FROM TEXAS DEPARTMENT OF TRANSPORTATION, COUNTY MAPBOOK 2012, PAGES 496 AND 497, DELIVERED IN PDF <http://www.dot.state.tx.us>

SITE BENCHMARK - BM 2	
SITE COORDINATE SYSTEM	
N	750,430.42
E	3,092,522.21
ELEV.	103.87
NAD 83 (TSC)	
N	13,873,869.83
E	3,060,925.56
ELEV.	99.91 (NAVD 88)
LATITUDE:	N 29°51'11.506"
LONGITUDE:	W 95°33'11.712"
ELEV.	99.29
(NAVD88 GEOID12B)	

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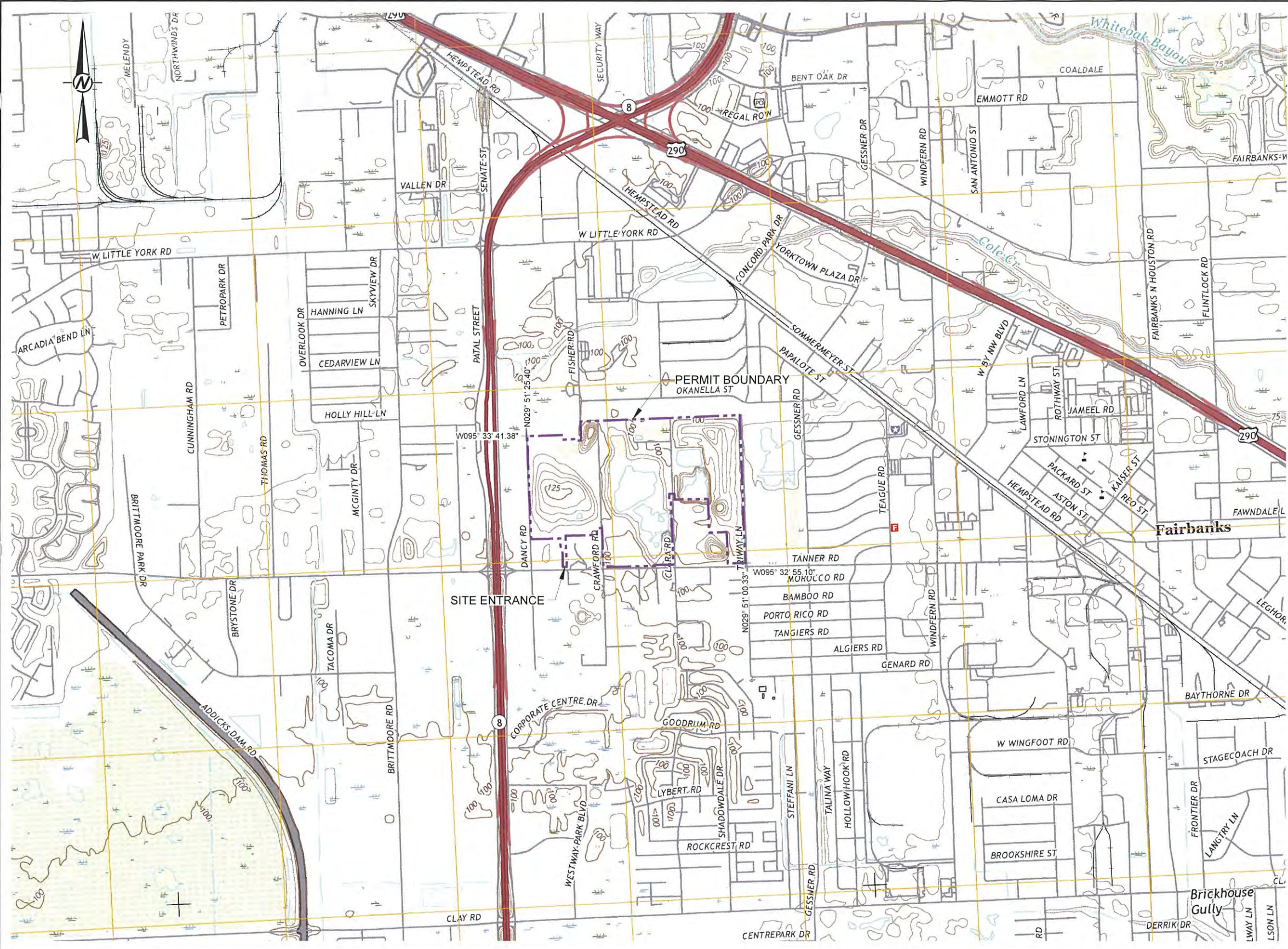
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PROJECT HAWTHORN PARK RECYCLING & DISPOSAL FACILITY PERMIT AMENDMENT APPLICATION TCEQ PERMIT NO. MSW-2185A	TITLE SITE LOCATION MAP
PROJECT NO. 1894269	APPLICATION SECTION I - APP. A
REV 0	2 of 6
FIGURE I-A-2	

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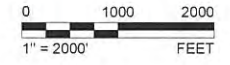




USGS LEGEND	
<b>BUILDINGS AND RELATED FEATURES</b>	<b>RIVERS, LAKES, AND CANALS</b>
Building	Perennial stream
School; house of worship	Perennial river
Athletic field	Intermittent stream
Built-up area	Intermittent river
Forest headquarters*	Perennial lake/pond
Ranger district office*	Intermittent lake/pond
Guard station or work center*	Dry lake/pond
Racetrack or raceway	Narrow wash
Airport, paved landing strip, runway, taxiway, or apron	Wide wash
Unpaved landing strip	Canal, flume, or aqueduct with lock
Well (other than water), windmill or wind generator	Elevated aqueduct, flume, or conduit
Tanks	<b>MINES AND CAVES</b>
Covered reservoir	Quarry or open pit mine
Gaging station	Gravel, sand, clay, or borrow pit
Located or landmark object (feature as labeled)	<b>CONTROL DATA AND MONUMENTS</b>
Boat ramp or boat access*	Principal point**
Roadside park or rest area	U.S. mineral or location monument
Picnic area	River mileage marker
Campground	<b>Boundary monument</b>
<b>ROADS AND RELATED FEATURES</b>	Third-order or better elevation, with tablet
Primary highway	Third-order or better elevation, recoverable mark, no tablet
Secondary highway	With number and elevation
Light duty road	<b>Horizontal control</b>
Light duty road, paved*	Third-order or better, permanent mark
Light duty road, gravel*	With third-order or better elevation
Light duty road, dirt*	With checked spot elevation
Light duty road, unspaced*	Coincident with found section corner
Unimproved road	Unmonumented**
Unimproved road*	<b>PROJECTION AND GRIDS</b>
4WD road	Neatline
4WD road*	Graticule tick
Trail	Graticule intersection
Highway or road with median strip	Datum shift tick
Highway or road under construction	<b>State plane coordinate systems</b>
Highway or road overpass, overpass	Primary zone tick
Highway or road bridge, drawbridge	Secondary zone tick
Highway or road tunnel	Tertiary zone tick
Road block, berm, or barrier*	Quaternary zone tick
Gate on road*	Quinary zone tick
<b>CONTOURS</b>	<b>Universal transverse mercator grid</b>
<b>Topographic</b>	UTM grid (full grid)
Index	UTM grid ticks*
Approximate or indefinite	
Intermediate	
Approximate or indefinite	
Supplementary	
Depression	

**REFERENCE(S)**  
 BASE MAP INITIALLY DEVELOPED BY THE UNITED STATES GEOLOGICAL SURVEY (USGS) AND ENHANCED BY TEXAS NATURAL RESOURCE INFORMATION SYSTEM.

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 2/12/21  
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PROJECT HAWTHORN PARK RECYCLING & DISPOSAL FACILITY PERMIT AMENDMENT APPLICATION TCEQ PERMIT NO. MSW-2185A	APPLICATION SECTION I - APP. A	REV 0	3 of 6	FIGURE I-A-3
TITLE GENERAL TOPOGRAPHIC MAP	PROJECT NO 1894269	APPLICATION SECTION I - APP. A	REV 0	3 of 6

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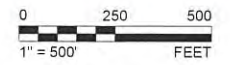
**LEGEND**

- PERMIT BOUNDARY
- PROPERTY BOUNDARY
- LIMITS OF WASTE PLACEMENT (MSW-2185A)
- WASTE FOOTPRINT (PRIOR TO MSW-2185A)
- EXISTING GROUND 25 ft CONTOURS
- EXISTING GROUND 5 ft CONTOURS
- X PROPOSED FENCE
- EXISTING FENCE
- E EASEMENT (TO BE ABANDONED)
- EXISTING MONITORING WELL
- EXISTING GAS PROBE
- 1 CONCRETE RECYCLING FACILITY - CHERRY CRUSHED CONCRETE, INC.
- 2 COMPOST FACILITY - LIVING EARTH TECHNOLOGY CO. (LETCO)

**NOTE(S)**

- LANDFILL CELLS ARE PERMITTED FOR DISPOSAL OF MUNICIPAL SOLID WASTE CONSISTING OF CONSTRUCTION/DEMOLITION DEBRIS, BRUSH, NON-PUTRESIBLE RUBBISH WASTES THAT ARE FREE FROM OTHER TYPES OF SOLID WASTE, AND CERTAIN CLASS III INDUSTRIAL SOLID WASTES THAT ARE PROPERLY IDENTIFIED AND ARE INERT AND ESSENTIALLY INSOLUBLE.

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REV	YYYY-MM-DD	DESCRIPTION	DESIGNED	PREPARED	REVIEWED	APPROVED			

SEAL

CHARLES G. DOMINGUEZ  
83247  
LICENSED PROFESSIONAL ENGINEER  
2/12/21

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PROJECT	HAWTHORN PARK RECYCLING & DISPOSAL FACILITY		
	PERMIT AMENDMENT APPLICATION		
	TCEQ PERMIT NO. MSW-2185A		
TITLE	GENERAL SITE PLAN		
PROJECT NO.	APPLICATION SECTION	REV	FIGURE
1894269	I - APP. A	0	5 of 6 I-A-5

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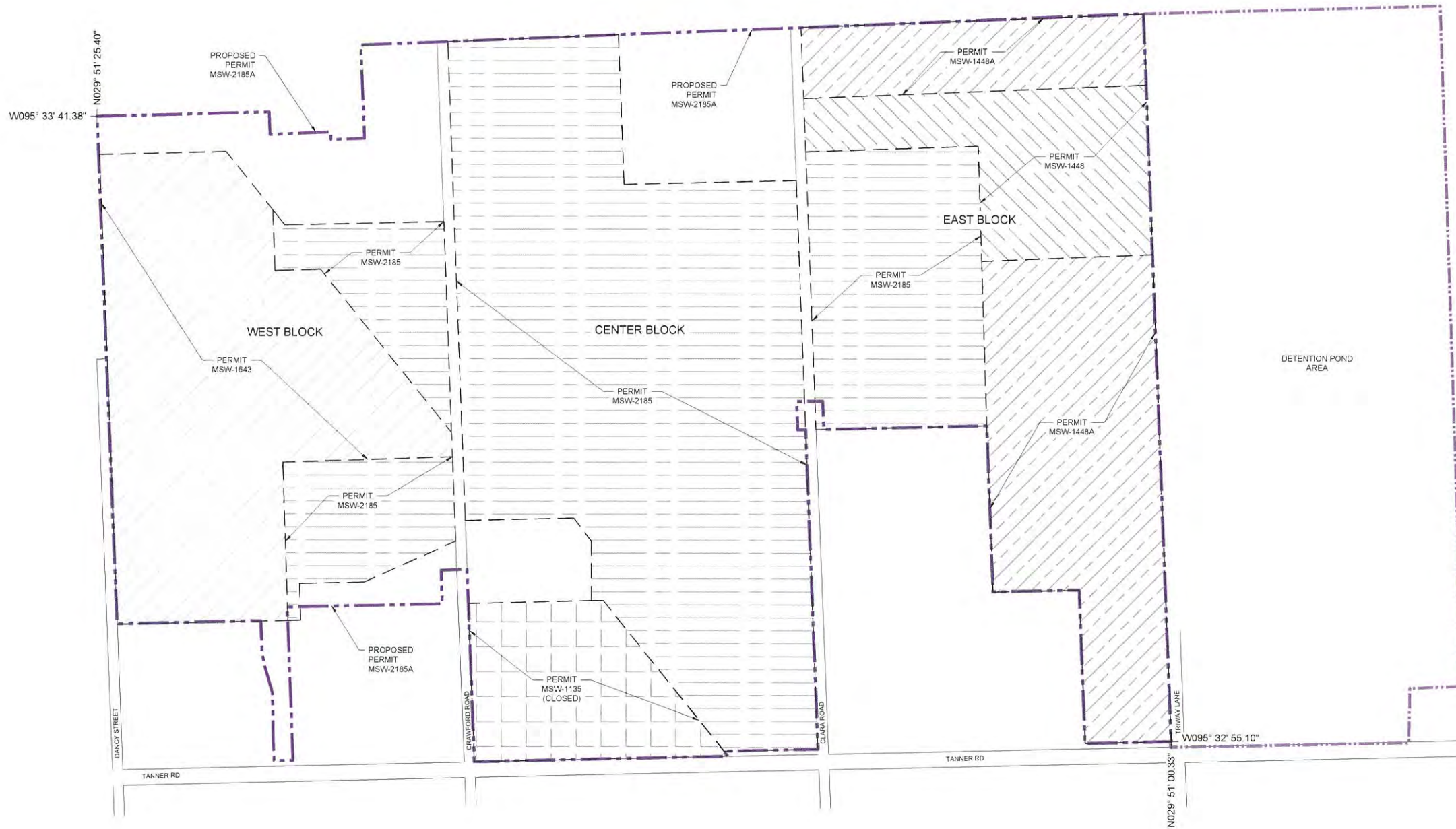




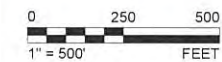
**LEGEND**

	PERMIT BOUNDARY (MSW-2185A)
	PROPERTY BOUNDARY
	PERMIT MSW-1135
	PERMIT MSW-1448
	PERMIT MSW-1448A
	PERMIT MSW-1643
	PERMIT MSW-2185

- NOTE(S)**
1. PERMIT NO. MSW-2185 INCORPORATED PERMIT NO. MSW-1448A AND PERMIT NO. MSW-1643.
  2. THE BOUNDARY OF PROPOSED PERMIT AMENDMENT NO. MSW-2185A INCORPORATES NEW AREAS, PERMIT NO. MSW-2185, AND PERMIT NO. MSW-1135 (CLOSED).
  3. PERMIT NO. MSW-1448A INCLUDES THE AREA DESIGNATED AS PERMIT NO. MSW-1448.



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PROJECT  
HAWTHORN PARK RECYCLING & DISPOSAL FACILITY  
PERMIT AMENDMENT APPLICATION  
TCEQ PERMIT NO. MSW-2185A

TITLE  
**PERMIT HISTORY MAP**

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