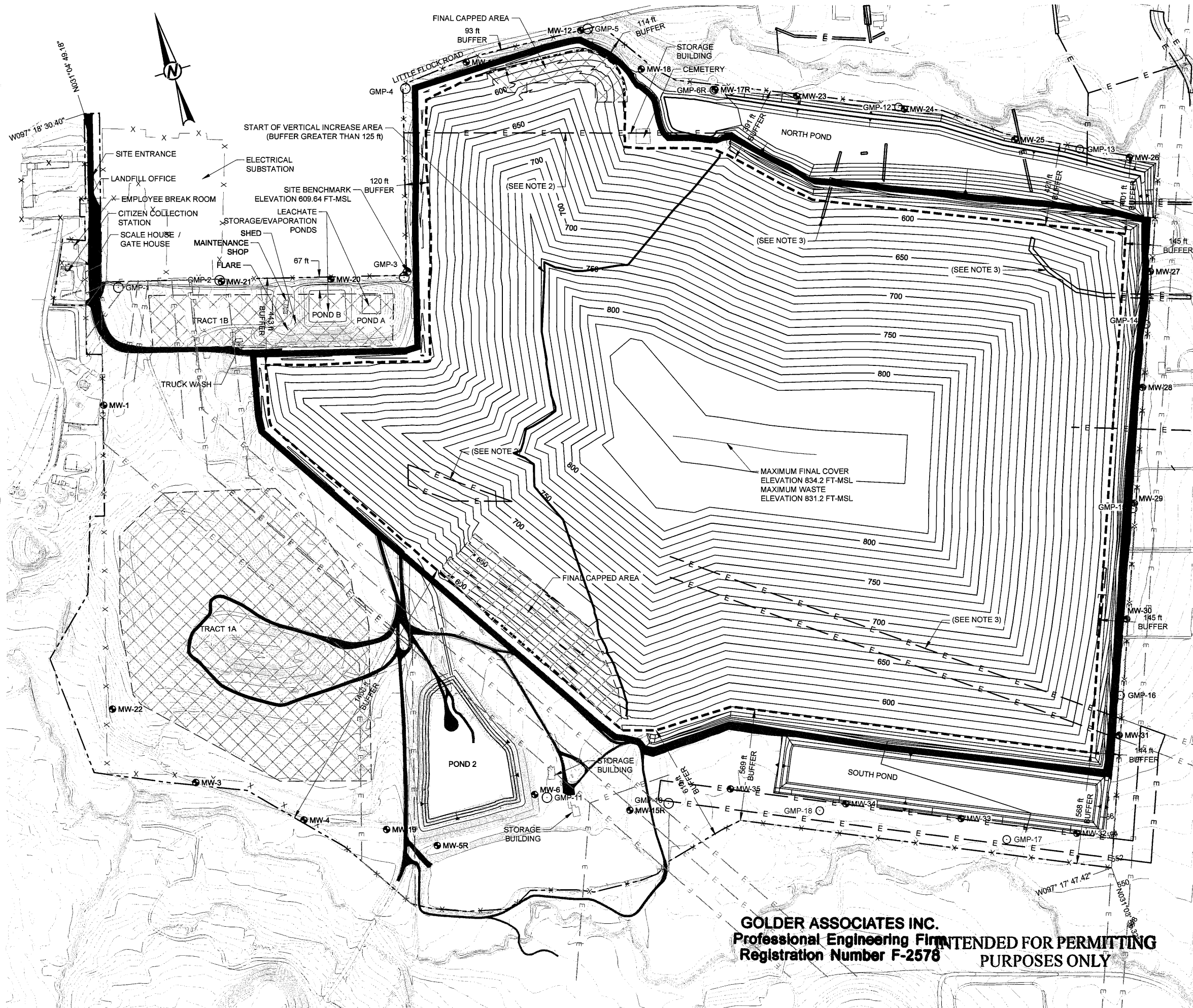


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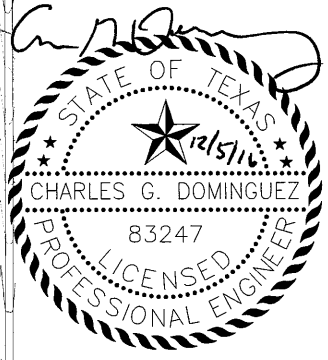
**LEGEND**

- PERMIT BOUNDARY
- WASTE FOOTPRINT
- CLOSED UNIT BOUNDARY
- POND GRADE BREAK
- █ PERIMETER/ACCESS ROAD
- ▨ AREAS WITH TCEQ APPROVED FINAL COVER
- X FENCE
- E EASEMENT TO REMAIN
- E- PROPOSED EASEMENT
- 750- PROPOSED CONDITIONS CONTOURS
- SITE BENCHMARK
- GMP-11 GAS PROBES
- MW-6 MONITORING WELLS

- NOTES**
- EXISTING TOPOGRAPHY COMPILED BY PHOTOGRAMMETRIC METHODS FROM AERIAL PHOTOGRAPH DATED MARCH 6, 2015.
  - CITY OF TEMPLE IS IN THE PROCESS OF ABANDONING THESE EASEMENTS.
  - EASEMENTS WILL BE ABANDONED PRIOR TO CELL CONSTRUCTION IN THE AREA.
  - LIQUID STABILIZATION AREA WILL BE LOCATED WITHIN THE LINED AREA. RECYCLABLE MATERIAL STORAGE AREA, LARGE ITEM SALVAGE AREA, AND TIRE AREA WILL BE LOCATED WITHIN THE LANDFILL WASTE FOOTPRINT. PROCESSING OF BRUSH, TREE TRIMMING, AND GREEN WASTE WILL BE LOCATED ON AREAS OF INTERMEDIATE COVER OR ON UNDEVELOPED AREAS OF THE SITE. ASBESTOS WASTE WILL BE DISPOSED ONLY IN A DESIGNATED AREA FOR RECEIPT OF RACM. ACTUAL LOCATIONS OF THESE WASTE MANAGEMENT UNITS WILL BE ADJUSTED DURING SITE OPERATION. NO SOLID WASTE UNLOADING, STORAGE, DISPOSAL, OR PROCESS OPERATIONS WILL OCCUR WITHIN ANY EASEMENT, BUFFER ZONE, OR RIGHT OF WAY THAT CROSSES THE SITE.
  - NATURAL GREENBELTS EXIST ALONG THE NORTHERN, WESTERN, AND SOUTHERN BOUNDARIES, THE NATURAL TOPOGRAPHY AND FUTURE PERIMETER ROAD PROVIDE VISUAL SCREENING.
  - THERE ARE NO SPECIFIC PROVISIONS FOR THE MAINTENANCE OF THE NATURAL GREENBELT OR FOR THE PROVISION OF SCREENING ON THE EAST SIDE OF THE SITE. THE BUFFER ON THE EAST SIDE OF THE SITE HAS BEEN INCREASED AS NOT TO HAVE TO REQUIRE RELOCATION OF THE POWER LINE. SITE SCREENING IS PROVIDED BY EXISTING TOPOGRAPHY AND AS PRACTICAL WASTE PLACEMENT WILL BE CONDUCTED TO SCREEN OPERATIONS ON THIS SIDE OF THE SITE.

**GOLDER ASSOCIATES INC.**  
 Professional Engineering Firm  
 Registration Number F-2578

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PROJECT	PERMIT AMMENDMENT APPLICATION MSW 692B
TITLE	SITE LAYOUT PLAN
REV.	4 of 25
FIGURE	11-4

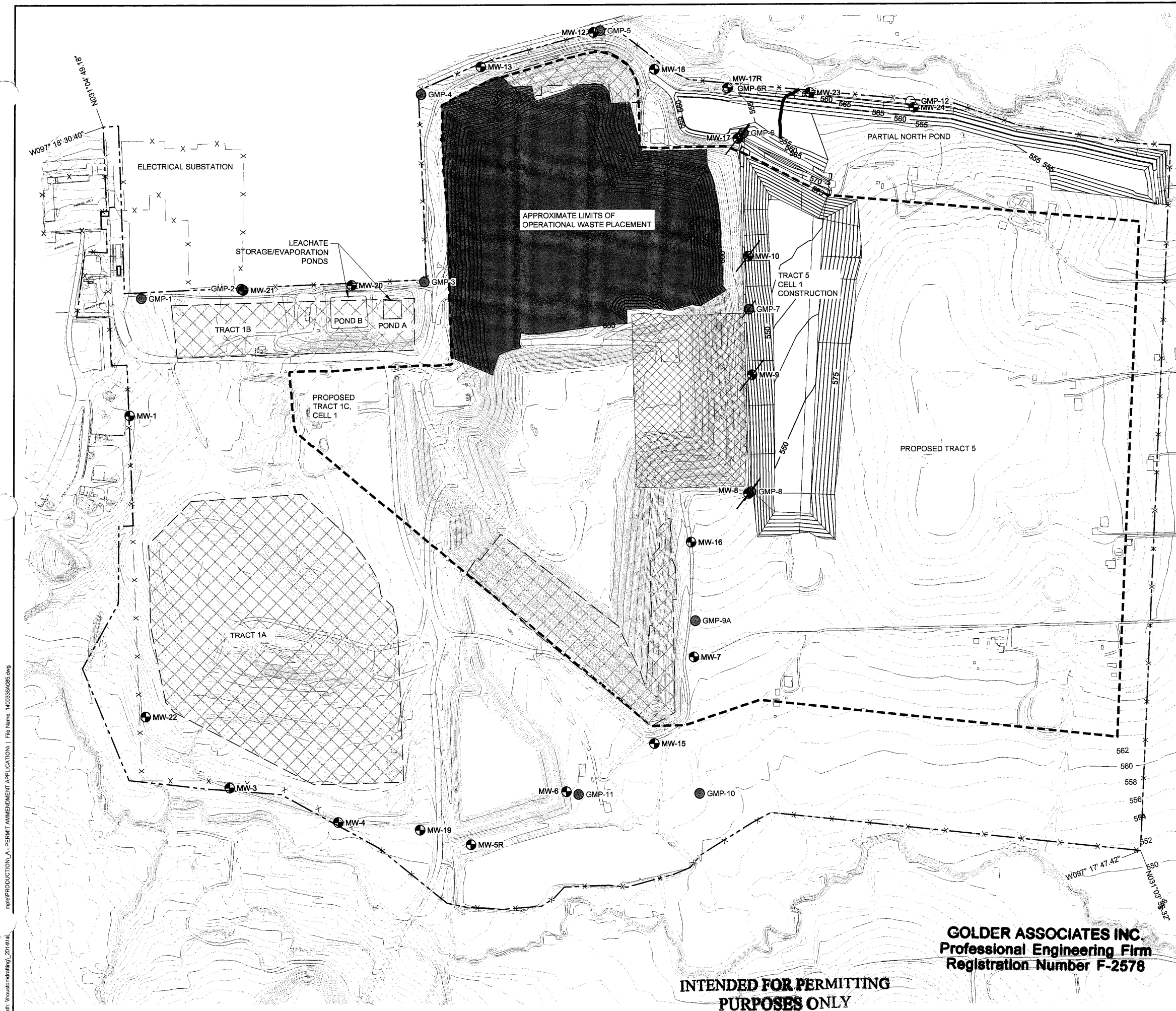
CLIENT	CITY OF TEMPLE
CONSULTANT	Golder Associates
PROJECT NO.	14003336
APPLICATION SECTION	II

REV.	DESCRIPTION	DATE	BY
0	INITIAL SUBMITTAL	2016-06-14	JBF
1	RESPONSE TO 1ST NOD PRM	2016-12	PRM
	DESIGNED		CGD
	PREPARED		CGD
	REVIEWED		CGD
	APPROVED		CGD

HOUSTON  
 500 CENTURY PLAZA DR., SUITE 190  
 HOUSTON, TX 77073  
 USA  
 (281) 921-6688  
 www.golder.com

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B



**LEGEND**

	PROPERTY LINE
	LIMITS OF WASTE
	EXISTING CONDITIONS CONTOUR
	GRADE BREAK LAYOUT
	JURISDICTIONAL CREEK/ EPHEMERAL STREAM
	FILL AREA
	AREAS WITH TCEQ APPROVED FINAL COVER
	OVERLINER AREA

**GAS SYSTEM AND MONITORING WELL SYMBOL**

EXISTING	PROPOSED	DESCRIPTION
		GAS MONITORING PROBE
		GAS MONITORING TO BE ABANDONED
		MONITORING WELL
		MONITORING WELL TO BE ABANDONED

**NOTES**

- LANDFILL TOPOGRAPHY COMPILED BY PHOTOGRAMMETRIC METHODS FROM AERIAL PHOTOGRAPH DATED MARCH 6, 2015.

- SEQUENCE OF LANDFILL OPERATION**
- CONTINUE WASTE PLACEMENT IN CONSTRUCTED LANDFILL CELLS.
  - CONTINUE CONSTRUCTION OF THE STORMWATER/SEDIMENTATION DETENTION PONDS.
  - CONSTRUCT LANDFILL CELLS AS REQUIRED FOR WASTE PLACEMENT IN AN EASTERLY DIRECTION.
  - PROVIDE INTERMEDIATE COVER AS FINAL GRADE IS REACHED AND IN AREAS WHERE RUNOFF DISCHARGES TO THE PERIMETER DITCH SYSTEM.
  - INSTALL ADDITIONAL MONITOR WELLS AS INDICATED IN ATTACHMENT 5 AND ADDITIONAL GAS MONITORING PROBES AS INDICATED IN ATTACHMENT 6.
  - INSTALL FINAL COVER IN AREAS WHICH WILL NOT RECEIVE ADDITIONAL WASTE.

**STATE OF TEXAS**  
  
**CHARLES G. DOMINGUEZ**  
 83247  
**PROFESSIONAL ENGINEER**

0 250 500  
 1" = 500' FEET

**GOLDER ASSOCIATES INC.**  
 Professional Engineering Firm  
 Registration Number F-2578

**INTENDED FOR PERMITTING PURPOSES ONLY**



Path: \\Houston\drainfalling\2014\14\mple\production\A - PERMIT AMMENDMENT APPLICATION\ File Name: 1400336A085.dwg

PROJECT	PERMIT AMMENDMENT APPLICATION MSW 692B
CLIENT	CITY OF TEMPLE
TITLE	OPERATIONAL SEQUENCE PHASE 1
PROJECT NO.	1400336
REV.	0
FIGURE	11-7.1

RESPONSE TO IST NOD MX	TNB	MX	CGD
INITIAL SUBMITTAL	TNB	PRM	CGD
DESCRIPTION	DESIGNED	PREPARED	REVIEWED
REV.	YYYY-MM-DD	DESCRIPTION	DESIGNED
1	2016-12	RESPONSE TO IST NOD MX	TNB
0	2016-06-14	INITIAL SUBMITTAL	VJE
REV.	YYYY-MM-DD	DESCRIPTION	DESIGNED

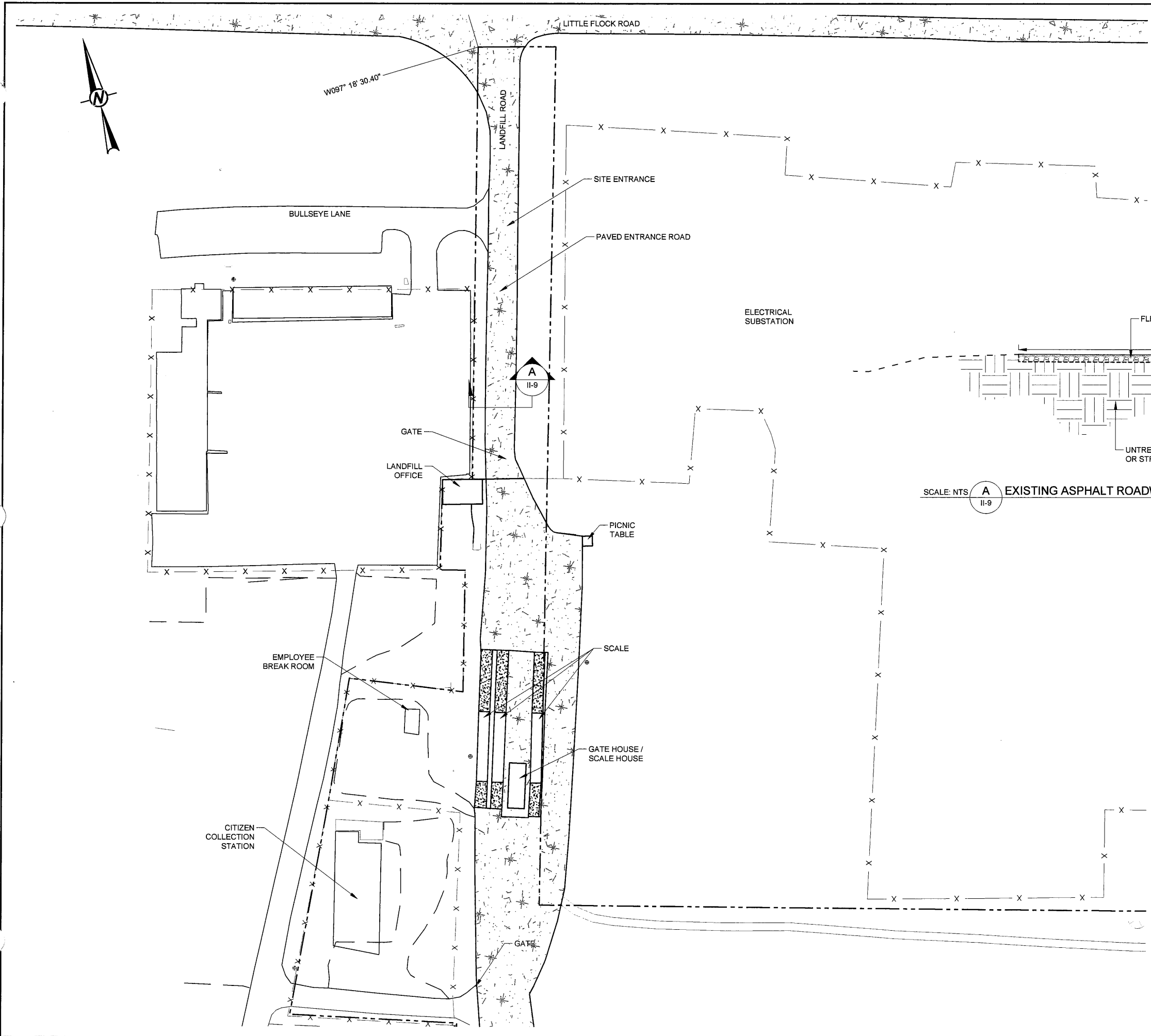
HOUSTON  
 500 CENTURY PLAZA DR., SUITE 190  
 HOUSTON, TX 77073  
 USA  
 (281) 821-8888  
 www.golder.com

**Golder Associates**

CONSULTANT

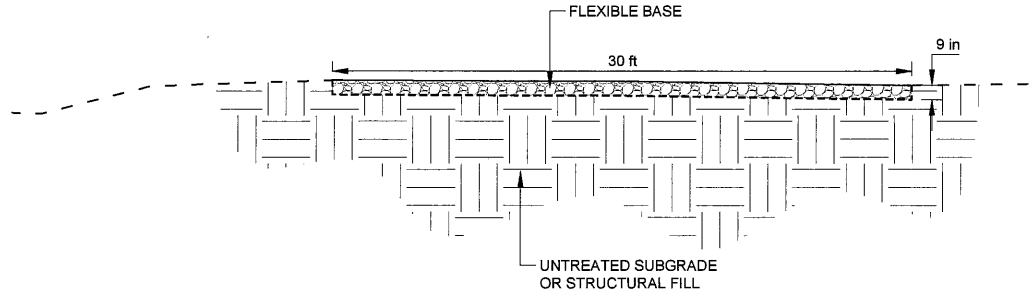
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**LEGEND**

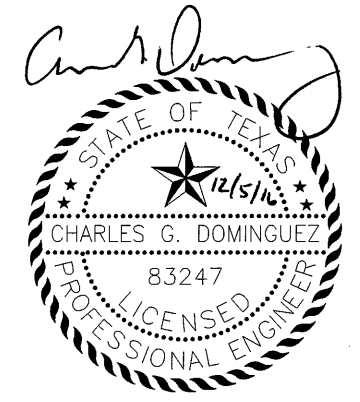
	PERMIT BOUNDARY
	UNPAVED ROAD
	FENCE
	PAVED ROAD



SCALE: NTS **A** EXISTING ASPHALT ROADWAY  
II-9

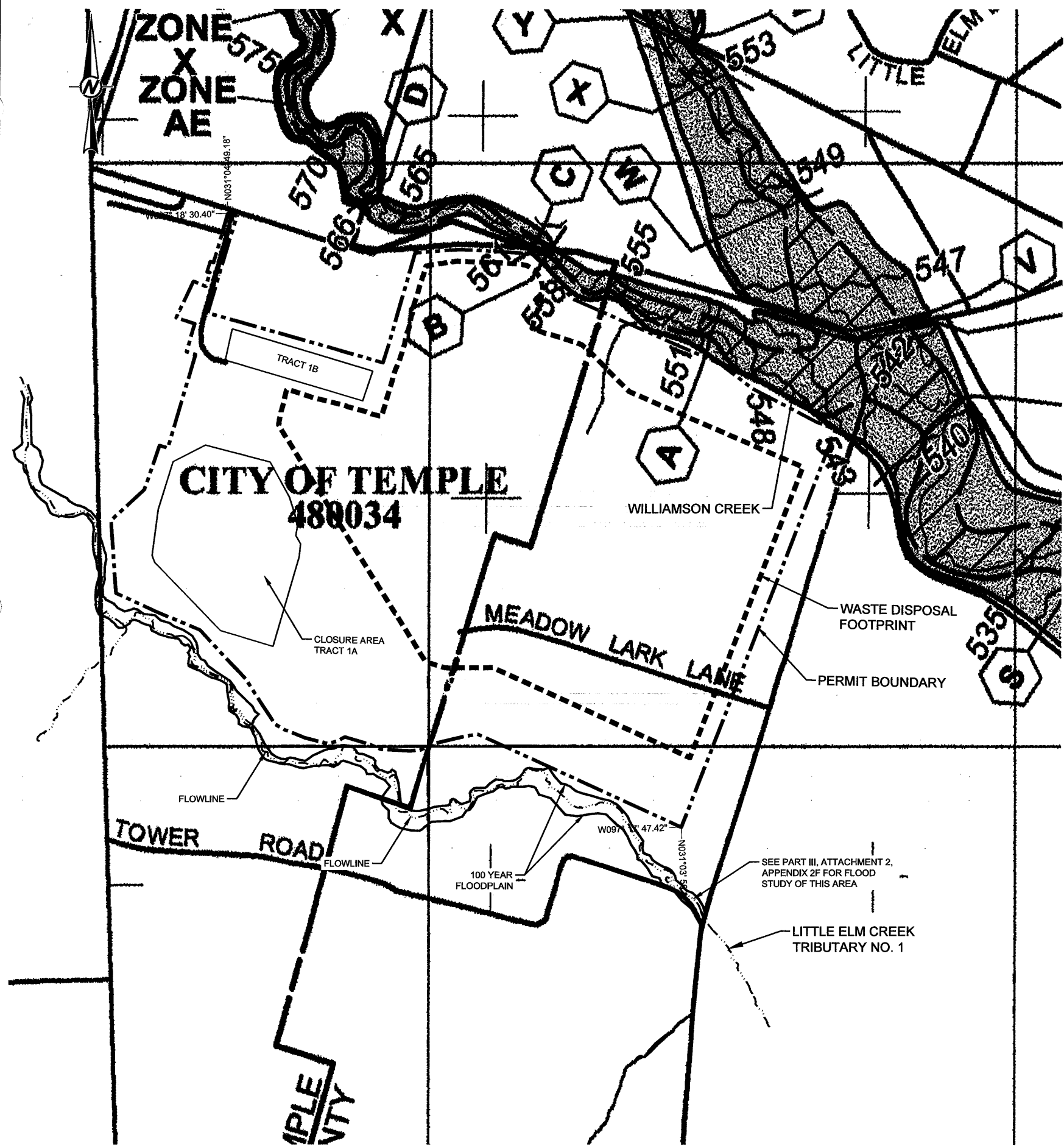
**INTENDED FOR PERMITTING PURPOSES ONLY**

**GOLDER ASSOCIATES INC.**  
Professional Engineering Firm  
Registration Number F-2578



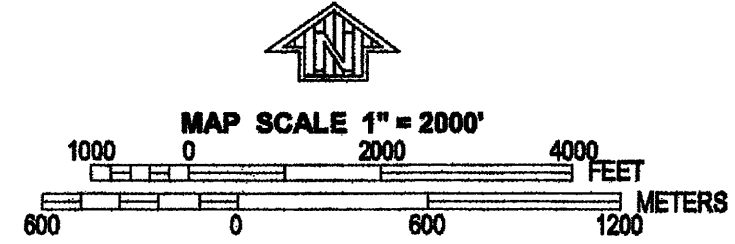
PROJECT	PERMIT AMMENDMENT APPLICATION MSW 692B						
TITLE	SITE ENTRANCE						
PROJECT NO.	1400336						
REV.	0						
FIGURE	II-9						
CLIENT	CITY OF TEMPLE						
CONSULTANT	Golder Associates						
CONTRACT	500 CENTURY PLAZA DR., SUITE 190 HOUSTON, TX 77073 USA (281) 821-8888 www.golder.com						
REV.	1	2016-12	RESPONSE TO 1ST NOD	JBF	TNB	MX	CGD
REV.	0	2016-06-14	INITIAL SUBMITTAL	JBF	TNB	PRM	CGD
REV.	YYYY-MM-DD	DESCRIPTION	DESIGNED	PREPARED	REVIEWED	APPROVED	

1" = IF THE MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM ANSI B



For community map revision history prior to countywide mapping, refer to the Community Map History table located in the Flood Insurance Study report for this jurisdiction.

To determine if flood insurance is available in this community, contact your insurance agent or call the National Flood Insurance Program at 1-800-638-6620.



**LEGEND**

**SPECIAL FLOOD HAZARD AREAS (SMA) SUBJECT TO MODIFICATION BY THE 1% ANNUAL CHANCE FLOOD**

The 1% annual chance flood (100-year flood), also known as the base flood, is the flood that has a 1% chance of being equaled or exceeded in any given year. The Special Flood Hazard Area is the area subject to flooding by the 1% annual chance flood. Zones of Special Flood Hazard include Zone A, AE, AH, AO, X, AP, V, and VE. The base flood elevation is the water surface elevation of the 1% annual chance flood.

**ZONE A** No base flood elevation determined.

**ZONE AE** Base flood elevations determined.

**ZONE AH** Flood depths of 1 to 3 feet (usually areas of ponding) base flood elevations determined.

**ZONE AO** Flood depths of 1 to 3 feet (usually areas of ponding) average depths determined. For areas of shallow fast flooding, velocities also determined.

**ZONE AP** Special Flood Hazard Area formerly protected from the 1% annual chance flood by a flood control system that was subsequently abandoned. Zone AP indicates that the former flood control system is being removed to provide protection from the 1% annual chance or greater flood.

**ZONE V** Areas to be protected from 1% annual chance flood by a Federal flood protection system under construction or base flood elevations determined.

**ZONE VE** Coastal flood zone with velocity based (wave action) on base flood elevations determined.

**FLOODWAY AREAS IN ZONE AE**

The boundary is the channel of a stream plus any adjacent floodway areas that must be kept free of encroachment so that the 1% annual chance flood can be carried without substantial increases in flood height.

**OTHER FLOOD AREAS**

**ZONE X** Areas of 0.2% annual chance flood, areas of 1% annual chance flood with average depths of less than 1 foot or with average wave less than 1 square mile and areas protected by levees from 1% annual chance flood.

**OTHER AREAS**

**ZONE 2** Areas determined to be outside the 0.2% annual chance floodplain.

**ZONE D** Areas in which flood heights are undetermined, but possible.

**COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS**

**OTHERWISE PROTECTED AREAS (OPA)**

OPA areas and OPAs are normally located within or adjacent to Special Flood Hazard Areas.

Boundary boundary  
 Floodway boundary  
 Zone D boundary  
 CBRS and OPA boundary  
 Boundary defining Special Flood Hazard Areas of different base flood elevations, flood depths or flood velocities.  
 Base Flood Elevation lines and velocity elevation in feet.  
 Base Flood Elevation values where different within area, elevation in feet.  
 \* Referenced to the North American Vertical Datum of 1988 (NAVD 88)

**OP** Cross section line  
**TL** Transit line  
 Geographic coordinates referenced to the North American Datum of 1988 (NAD 88)  
 3000-foot Universal Transverse Mercator grid, zone 14  
 3000-foot grid 1. Three State Plane coordinate system, central zone (FIPS/STATE 4303). (Latent Customized Code)  
 North arrow. One explanation in block to Union section of this FIRM panel.  
 M.S. Meter Mile

**MAP REPORTING**  
 Refer to map specifications for map index.  
**EFFECTIVE DATE OF COUNTYWIDE FLOOD INSURANCE RATE MAP**  
 September 26, 2008  
**EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL**

For community map revision history prior to countywide mapping, refer to the Community Map History table located in the Flood Insurance Study report for this jurisdiction.  
 To determine if flood insurance is available in this community, contact your insurance agent or call the National Flood Insurance Program at 1-800-638-6620.

**PANEL 6370E**

**FIRM**  
**FLOOD INSURANCE RATE MAP**  
**BELL COUNTY,**  
**TEXAS**  
**AND INCORPORATED AREAS**

PANEL 276 OF 726  
 (SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS: **MAP** **SCALE** **INDEX**  
 COMMUNITY: **DATE** **DATE** **DATE**  
 STATE: **DATE** **DATE** **DATE**  
 FEDERAL AGENCY: **DATE** **DATE** **DATE**

**MAP NUMBER**  
 48027C0375E  
**EFFECTIVE DATE**  
 SEPTEMBER 26, 2008

Federal Emergency Management Agency

- NOTE(S)**
- THE 100-YEAR FLOODPLAIN AND FLOODWAY ALONG THE NORTH PERMIT BOUNDARY ASSOCIATED WITH WILLIAMSON CREEK WAS DETERMINED FROM THE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) FLOOD INSURANCE RATE MAP (FIRM) MAP NO. 48027C0375E, EFFECTIVE DATE: SEPTEMBER 26, 2008.
  - THE 100-YEAR FLOODPLAIN AND FLOODWAY ALONG THE SOUTH PERMIT BOUNDARY ASSOCIATED WITH LITTLE ELM CREEK TRIBUTARY NO. 1 WAS DETERMINED FROM A SITE SPECIFIC FLOOD STUDY. DETAILS OF THIS FLOOD STUDY ARE PROVIDED IN PART III, ATTACHMENT 2, APPENDIX 2F.

**GOLDER ASSOCIATES INC.**  
**Professional Engineering Firm**  
**Registration Number F-2578**

**INTENDED FOR PERMITTING PURPOSES ONLY**



PROJECT: PERMIT AMENDMENT APPLICATION MSW 692B  
 TEMPLE RECYCLING AND DISPOSAL FACILITY  
 BELL COUNTY, TEXAS

TITLE: 100 YEAR FLOOD PLAIN MAP

1400336

CLIENT: CITY OF TEMPLE

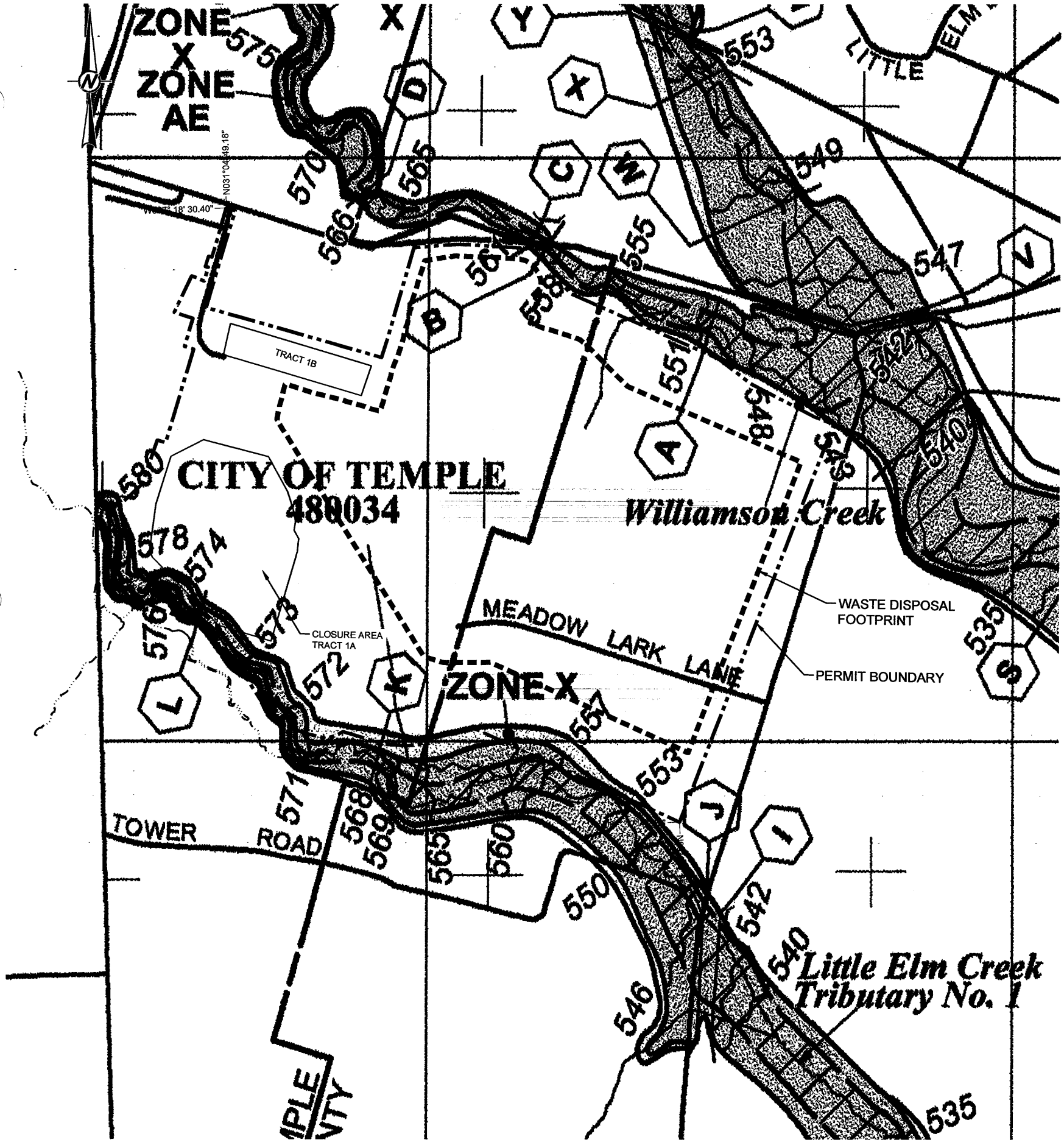
CONSULTANT: Golder Associates

RESPONSE TO 1ST RFD MX TNB PRM CGD  
 INITIAL SUBMITTAL VJE TNB PRM CGD  
 DESIGNATED REVIEWED APPROVED

HOUSTON 500 CENTURY PLAZA DR., SUITE 190  
 HOUSTON, TX 77073  
 USA  
 (281) 621-6888  
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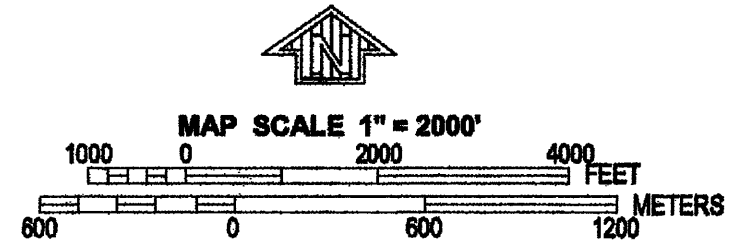
APPLICATION SECTION II

21 25  
 FIGURE II-17.1



For community map revision history prior to countywide mapping, refer to the Community Map History table located in the Flood Insurance Study report for this jurisdiction.

To determine if flood insurance is available in this community, contact your insurance agent or call the National Flood Insurance Program at 1-800-638-6620.



**LEGEND**

- SPECIAL FLOOD HAZARD AREAS (SPECIAL SUBJECT TO MODIFICATION BY THE 1% ANNUAL CHANCE FLOOD)**  
 The 1% annual chance flood (100-year flood), also known as the base flood, is the flood that has a 1% chance of being equaled or exceeded in any given year. The Special Flood Hazard Area is the area subject to flooding by the 1% annual chance flood. Zones of Special Flood Hazard include Zone A, AE, AH, AO, X, V, and VE. The base flood elevation is the water-surface elevation of the 1% annual chance flood.
- ZONE A**  
 No base flood elevation determined.
- ZONE AE**  
 Base flood elevation determined.
- ZONE AH**  
 Flood depths of 1 to 3 feet (usually areas of ponding) base flood elevation determined.
- ZONE AO**  
 Flood depths of 1 to 3 feet (usually areas of ponding) base flood elevation determined. For areas of shallow flood depths, whether the depth is determined.
- ZONE AR**  
 Special Flood Hazard Area (SFHA) excluded from the 1% annual chance flood by a flood control system that was substantially completed. Zone AR indicates that the former flood control system is being replaced to provide protection from the 1% annual chance or greater flood.
- ZONE AV**  
 Area to be protected from the 1% annual chance flood by a Federal flood protection system under construction or base flood elevation determined.
- ZONE V**  
 Coastal flood zone with velocity hazard (wave action), no base flood elevation determined.
- ZONE VE**  
 Coastal flood zone with velocity hazard (wave action), base flood elevation determined.
- FLOODWAY AREAS IN ZONE AE**  
 The boundary in the channel of a stream plus any adjacent floodplain areas that must be kept free of encroachment so that the 1% annual chance flood can be carried without substantial increases in flood heights.
- OTHER FLOOD AREAS**  
 ZONE X  
 Areas of 0.2% annual chance flood, areas of 1% annual chance flood with average depths of less than 2 feet or with drainage area less than 2 square miles, and areas protected by levees from 1% annual chance flood.
- OTHER AREAS**  
 ZONE B  
 Areas determined to be outside the 0.2% annual chance floodplain. Areas in which flood heights are anticipated, but possible.
- COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS**
- OTHERWISE PROTECTED AREAS (OPA)**  
 CBRS areas and OPAs are normally located within or adjacent to Special Flood Hazard Areas.
- BOUNDARIES**  
 Floodplain boundary  
 Highway boundary  
 Zone D boundary  
 CBRS and OPA boundary  
 Boundary dividing Special Flood Hazard Areas of different base flood elevations, flood depths or flood velocities.  
 Base Flood Elevation line and velocity elevation in feet (ft. 0.00')  
 Base Flood Elevation value where uniform within any elevation in feet  
 Zone Flood Elevation value where uniform within any elevation in feet  
 \* Referenced to the North American Vertical Datum of 1988 (NAVD 88)
- Cross section line**  
 Cross section line
- Traverse line**  
 Geographic coordinate referenced to the North American Datum of 1983 (NAD 83)
- 200-year Universal Transverse Mercator grid zone 14**  
 200-foot grid 1: These lines show coordinate system, control zone (NAD83), datum, Lambert Conformal Conic
- DNVD10**  
 North datum line elevation in Mean Sea Level datum of the 1988 datum
- M.S.L.**  
 Mean Sea Level
- MAP REPORTING**  
 Refer to Map Report/Status List on Map Index.
- EFFECTIVE DATE OF COUNTYWIDE FLOOD INSURANCE RATE MAP**  
 September 26, 2008  
 EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL

**PANEL 0370E**

**FIRM FLOOD INSURANCE RATE MAP**  
**BELL COUNTY, TEXAS AND INCORPORATED AREAS**

PANEL 0370E OF 726  
 ONE MAP INDEX FOR FIRM PANEL LAYOUT

CONTAINS:  
 COMMUNITY: BELL COUNTY, TEXAS  
 BELLOUTTER: [blank] [blank] [blank]

MAP NUMBER: 480270375E  
 EFFECTIVE DATE: SEPTEMBER 26, 2008

Federal Emergency Management Agency

NOTE(S)  
 1. THE 100-YEAR FLOODPLAIN WAS FROM THE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) FLOOD INSURANCE RATE MAP (FIRM) MAP NO. 48027C0375E, EFFECTIVE DATE: SEPTEMBER 26, 2008.

**GOLDER ASSOCIATES INC.**  
 Professional Engineering Firm  
 Registration Number F-2578

**INTENDED FOR PERMITTING PURPOSES ONLY**



PROJECT: PERMIT AMENDMENT APPLICATION MSW 692B  
 TEMPLE RECYCLING AND DISPOSAL FACILITY  
 BELL COUNTY, TEXAS

TITLE: 100 YEAR FLOOD PLAIN MAP (FIRM ONLY)

1400336

CLIENT: CITY OF TEMPLE

CONSULTANT: Golder Associates

REVISIONS:  
 1. 2016-12 RESPONSE TO IST NOD MX  
 REV. YYYY-MM-DD DESCRIPTION DESIGNED PREPARED REVIEWED APPROVED

1. 2016-12 RESPONSE TO IST NOD MX TNB PRM CGD  
 REV. YYYY-MM-DD DESCRIPTION DESIGNED PREPARED REVIEWED APPROVED

22 25 FIGURE II-17.2

1. IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM ANSI B