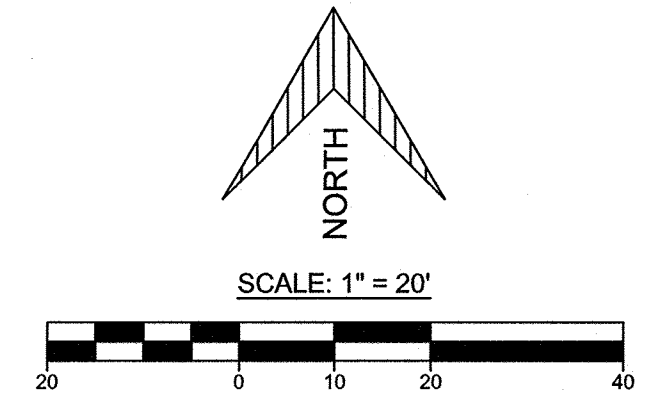


TRENCH EXCAVATION SAFETY PROTECTION
 CONTRACTOR AND/OR CONTRACTORS INDEPENDENTLY RETAINED EMPLOYEE OR STRUCTURAL DESIGN/GEOTECHNICAL SAFETY EQUIPMENT CONSULTANT, IF ANY, SHALL REVIEW THESE PLANS AND ANY AVAILABLE GEOTECHNICAL INFORMATION AND THE ANTICIPATED INSTALLATION SITES WITHIN THE PROJECT WORK AREA IN ORDER TO IMPLEMENT CONTRACTORS' TRENCH EXCAVATION SAFETY PROTECTION SYSTEMS, PROGRAMS AND PROCEDURES FOR THE PROJECT DESCRIBED IN THE CONTRACT DOCUMENTS. THE CONTRACTORS' IMPLEMENTATION OF THESE SYSTEMS, PROGRAMS AND PROCEDURES SHALL PROVIDE FOR ADEQUATE TRENCH EXCAVATION SAFETY PROTECTION THAT COMPLIES WITH AS A MINIMUM, OSHA STANDARDS FOR TRENCH EXCAVATION. SPECIFICALLY, CONTRACTOR AND/OR CONTRACTORS INDEPENDENTLY RETAINED EMPLOYEE OR SAFETY CONSULTANT SHALL IMPLEMENT A TRENCH SAFETY PROGRAM IN ACCORDANCE WITH OSHA STANDARDS GOVERNING THE PRESENCE AND ACTIVITIES OF INDIVIDUALS WORKING IN AND AROUND TRENCH EXCAVATION.

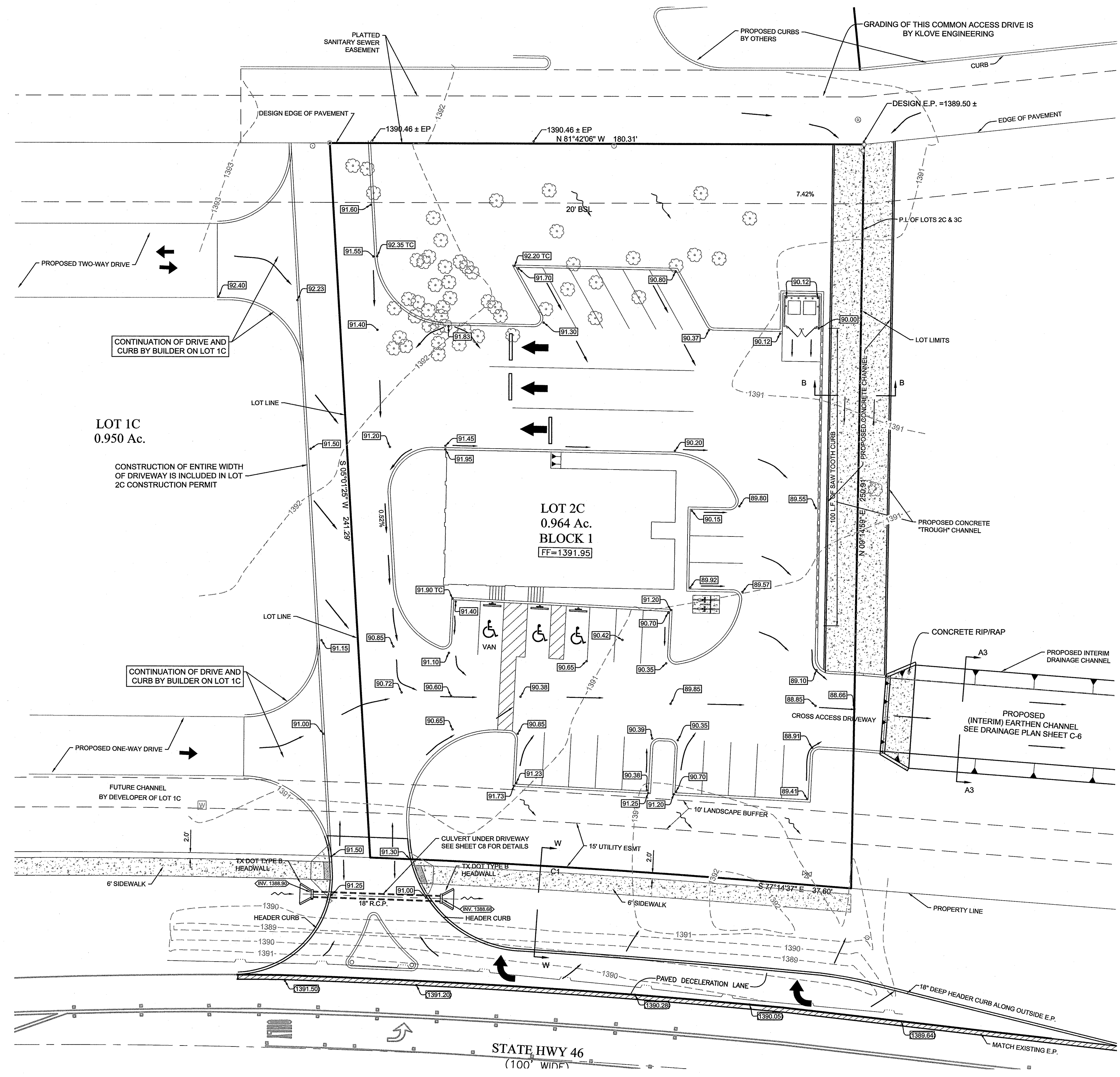
IT IS THE CONTRACTORS RESPONSIBILITY TO PROPERLY PLAN AND CONSIDER EXISTING AND PROPOSED DRAINAGE PATTERNS DURING THE CONSTRUCTION OF THE PROJECT. IN ORDER TO ACCOMPLISH THIS, IT MAY BE NECESSARY TO PHASE THE GRADING, CONSTRUCT TEMPORARY BERMS AND SWALES WHILE FACTORING IN SURROUNDING CONDITIONS TO PROPERLY DIRECT AND CONTROL SURFACE RUNOFF. ADDITIONALLY, THE CONTRACTOR SHOULD TAKE INTO ACCOUNT THE TIMING OF CONSTRUCTING PONDS, CHANNELS AND STORM DRAINAGE SYSTEMS.

BENCHMARK #1
 DESCRIPTION
 COTTON SPINDEL TOP OF CURB IN ISLAND ON WOODS OF BOERNE BLVD.
 ELEVATION = 1391.77
 NOTE:
 PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR IS TO VERIFY THE BENCHMARK DERIVED ON THIS DRAWING AND REPORT ANY DISCREPANCIES IN THE ELEVATION OR DESCRIPTION TO THE CIVIL ENGINEER IMMEDIATELY.



DHR ARCHITECTS
 DURAND-HOLLIS RUPE ARCHITECTS, INC.
 14603 HUEBNER RD.
 BUILDING 18
 SAN ANTONIO, TEXAS 78230
 TEL. 210 308-0080
 FAX: 210 697-3309
 eMAIL OFFICE@DHRARCHITECTS.COM

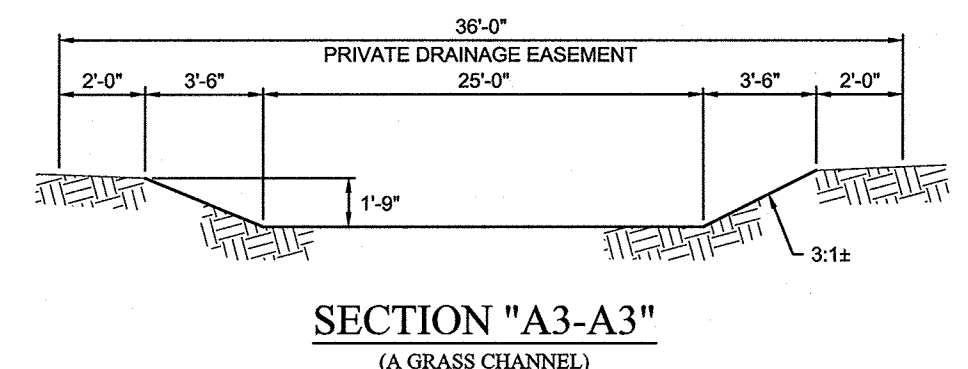
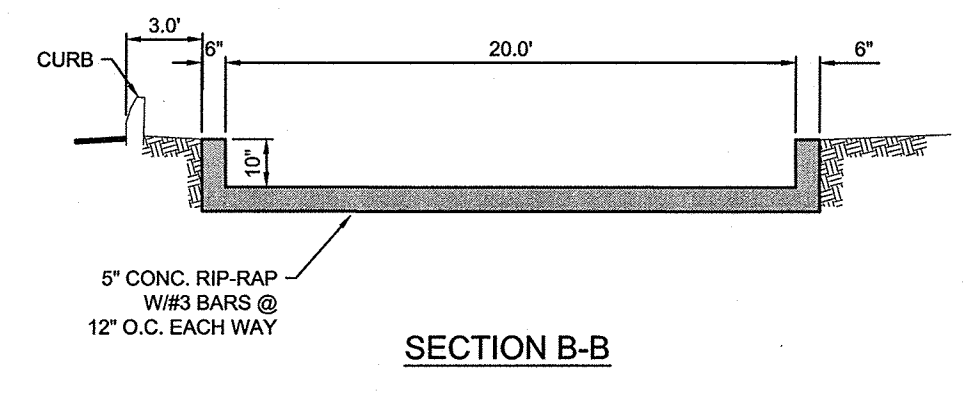
- GRADING AND DRAINAGE GENERAL NOTES**
- CONTRACTOR AND/OR CONTRACTORS INDEPENDENTLY RETAINED EMPLOYEE OR STRUCTURAL DESIGN/GEOTECHNICAL SAFETY EQUIPMENT CONSULTANT, IF ANY, SHALL REVIEW THESE PLANS AND ANY AVAILABLE GEOTECHNICAL INFORMATION AND THE ANTICIPATED INSTALLATION SITES WITHIN THE PROJECT WORK AREA IN ORDER TO IMPLEMENT CONTRACTORS' TRENCH EXCAVATION SAFETY PROTECTION SYSTEMS, PROGRAMS AND PROCEDURES FOR THE PROJECT DESCRIBED IN THE CONTRACT DOCUMENTS. THE CONTRACTORS' IMPLEMENTATION OF THESE SYSTEMS, PROGRAMS AND PROCEDURES SHALL PROVIDE FOR ADEQUATE TRENCH EXCAVATION SAFETY PROTECTION THAT COMPLIES WITH AS A MINIMUM, OSHA STANDARDS FOR TRENCH EXCAVATION. SPECIFICALLY, CONTRACTOR AND/OR CONTRACTORS INDEPENDENTLY RETAINED EMPLOYEE OR SAFETY CONSULTANT SHALL IMPLEMENT A TRENCH SAFETY PROGRAM IN ACCORDANCE WITH OSHA STANDARDS GOVERNING THE PRESENCE AND ACTIVITIES OF INDIVIDUALS WORKING IN AND AROUND TRENCH EXCAVATION.
 - MINIMUM ASPHALT SLOPE SHALL BE 1% UNLESS OTHERWISE SHOWN.
 - CONTRACTOR SHALL GRADE SMOOTHLY BETWEEN PROPOSED SPOT ELEVATIONS AND BETWEEN FINISHED CONTOURS.
 - CONTRACTOR IS RESPONSIBLE FOR ALL HORIZONTAL AND VERTICAL CONTROL.
 - REMOVE AND DISPOSE OF ALL LOOSE OR ORGANIC MATERIAL FROM AREA TO RECEIVE PAVING OR FILL.
 - SCAFFOLD EXISTING SUBGRADE BENEATH PARKING LOT AND RECOMPACT TO 95% OF THE MAXIMUM DRY DENSITY. REF: GEOTECH. REPORT FOR ADDITIONAL PROCEDURES & REQUIREMENTS.
 - THIS PLAN IS TO BE USED FOR SITE GRADING ONLY.
 - LOCATION OF EXISTING UTILITIES, AS SHOWN ON THESE PLANS IS BASED ON A COMBINATION OF FIELD SURVEYING AND AVAILABLE UTILITY MAPS. CONTRACTOR TO DETERMINE VERTICAL AND HORIZONTAL LOCATIONS OF ALL UTILITIES (WHETHER SHOWN ON PLANS OR NOT) BY COORDINATING WITH THE RESPECTIVE UTILITY AGENCIES PRIOR TO CONSTRUCTION. THE FOLLOWING ARE NUMBERS OF THE RESPECTIVE AGENCIES:
 BOERNE PUBLIC WORKS (SEWER) 830-248-1536
 BOERNE PUBLIC WORKS (WATER) 830-248-1538
 BOERNE PUBLIC WORKS (GAS & ELECTRIC) 830-248-1538
 AT&T (TELEPHONE) 210-820-6259
 TIME WARNER CABLE (TELEVISION) 210-475-4580
 VALERO ENERGY CORP. 210-248-2394
 TESS STATEWIDE ONE CALL DAMAGE PREVENTION SYSTEM FOR BURIED UTILITIES 1-800-967-TESS
 IF ANY NUMBERS HAVE CHANGED OR ARE INCORRECT, THE CONTRACTOR IS STILL RESPONSIBLE FOR CONTACTING THE AGENCIES.
 - FINISHED EARTH SLOPES SHALL BE AT 1% MINIMUM AND SHALL NOT EXCEED 3:1.
 - ALL GRASSED AREAS AFFECTED BY THIS CONSTRUCTION SHALL BE RESEED BY THE CONTRACTOR WITHIN 30 DAYS OF THE EXISTING.
 - PRIOR TO BIDDING, THE CONTRACTOR SHALL THOROUGHLY INVESTIGATE THE SITE AND FAMILIARIZE HIMSELF WITH ALL ASPECTS OF THE SITE WHICH MAY AFFECT HIS WORK. THIS INCLUDES ACCOUNTING FOR ALL VISIBLE FEATURES WHICH MAY IMPACT THE BID OR THE WORK.
 - REMOVE AND PROPERLY DISPOSE OF EXCESS EXCAVATION AND DEBRIS.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING ALL EXISTING GRATES, VALVES, CLEANOUTS, MANHOLES, VAULT TOPS, ETC. TO THE FINISHED GRADES AS SHOWN ON THE PLANS.
 - REFERENCE GEOTECHNICAL REPORT FOR ADDITIONAL REQUIREMENTS CONCERNING FILL PLACEMENT AND PAD PREPARATION. REFERENCE SOILS REPORT FOR PAVING SECTION AND SUBGRADE PREPARATION.
 - ALL EXCAVATION SHALL BE UNCLASSIFIED.
 - ALL STORM DRAINS TO BE R.C.P., CONTECH A-2000, ULTA FLO SPIRAL RIBBED CMP, ADS HP HDPE, OR ENGINEER APPROVED EQUIVALENT.
 - ALL STORM DRAINAGE STRUCTURES TO BE BY HANSON, OLDCASTLE, PARK, CAPITAL PRECAST, OR APPROVED EQUAL.
 - CONTRACTOR SHALL EXPOSE ALL EXISTING UTILITIES CROSSING PROPOSED GRAVITY LINES AND INSURE THERE WILL BE NO CONFLICTS PRIOR TO BEGINNING CONSTRUCTION. ADDITIONALLY, CONTRACTOR TO PLAN UTILITY LINE INSTALLATIONS IN A MANNER TO AVOID CONFLICTS WITH PROPOSED GRAVITY LINES.
 - ON ALL GRAVITY LINES, CONTRACTOR MUST START AT DOWNSTREAM END AND PROCEED UPSTREAM TAKING CARE TO EXPOSE ALL EXISTING UTILITIES AND STRUCTURES WHICH MAY CONFLICT WITH THE PROPOSED LINE. ANY OTHER SEQUENCE OF CONSTRUCTION WILL BE AT THE CONTRACTOR'S RISK.
 - CONTRACTOR TO COORDINATE LOCATION OF SIDEWALK AND ACCESSIBLE RAMPS WITHIN PUBLIC RIGHT OF WAY WITH INSPECTOR PRIOR TO BEGINNING CONSTRUCTION.
 - IN CASES WHERE HYDROMULCH HAS BEEN PROPERLY APPLIED, CONTRACTOR TO PROVIDE WATER AS REQUIRED TO ACHIEVE A MINIMUM OF 75% GERMINATION TOWARDS SUBSTANTIAL GROWTH.
 - PROPOSED SPOT ELEVATIONS AND CONTOURS REPRESENT FINISHED TOP OF PAVEMENT OR TOPSOIL.
 - ALL FILL SHALL BE PLACED IN 6" LOOSE LIFTS AND COMPACTED TO 95% DENSITY UNLESS OTHERWISE NOTED.
 - ALL SIDEWALK CROSS SLOPES SHALL NOT EXCEED 2% SLOPE UNLESS OTHERWISE SPECIFIED.
 - PEDESTRIAN RAILING OR FENCING SHALL BE INSTALLED ALONG ALL RETAINING WALLS OR VERTICAL DROPS GREATER THAN 24". CONTRACTOR SHALL COORDINATE WITH OWNER AND/OR LANDSCAPE ARCHITECT FOR DESIGN AND SPECIFICATIONS. ANY RAILING REQUIRED CLOSER THAN 10' TO A DRIVE LANE OR PARKING SPACE MAY NEED TO BE A TRAFFIC BARRIER. CONTRACTOR TO COORDINATE WITH ENGINEER.



LEGEND

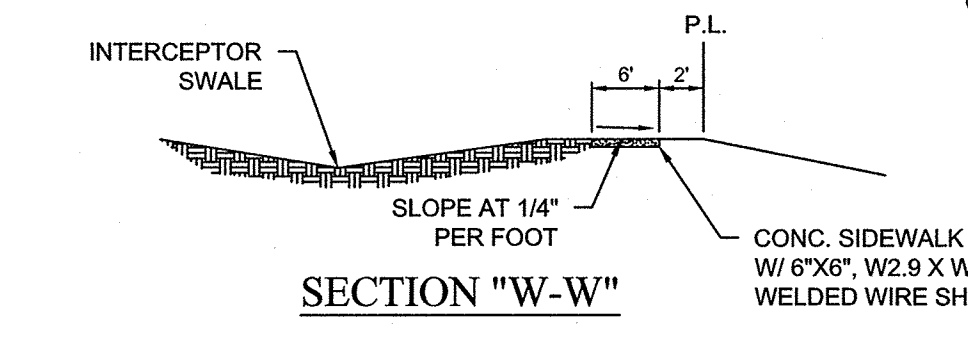
- 99.90 TC --- EXISTING TOP OF CURB AND GUTTER ELEVATIONS
- 99.00 --- EXISTING SPOT ELEVATION
- 100.00 --- PROPOSED CONTOUR (REPRESENT FINISHED TOP OF PAVEMENT OR TOPSOIL)
- 95.00 --- EXISTING CONTOUR
- +++++ PROPOSED RIDGE
- 99.00 --- DEFINED SWALE
- FF=1000.00 PROPOSED FIN. FLOOR ELEVATION
- FGL=100.00 PROPOSED "FLOATING GARAGE"
- 99.00 --- PROPOSED FOUNDATION BREAKS
- 99.00 --- OVERLAND FLOW DIRECTION
- 99.00 --- BENCHMARK
- 99.00 --- GRATE
- 99.00 --- PROPOSED STORM DRAIN
- 99.00 --- EXISTING STORM DRAIN
- 99.00 --- PROPOSED SPOT ELEVATION (REPRESENT FINISHED TOP OF PAVEMENT OR TOPSOIL)
- 99.00 --- PROPOSED PAVEMENT ELEVATION
- 99.00 --- PROPOSED CHANNEL ELEVATION
- 99.00 --- SAWTOOTH CURB

REVISED ISSUE DATES:



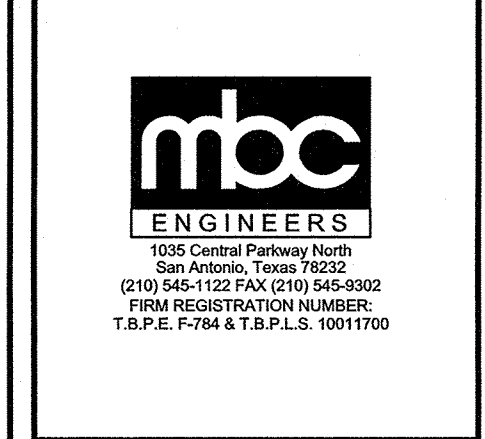
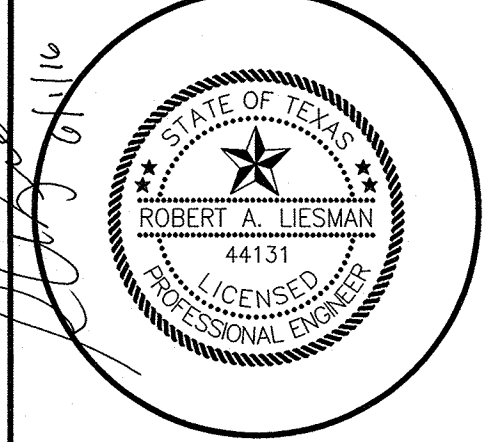
PARKING TABULATION

23	REGULAR SPACES
3	ACCESSIBLE SPACES
26	TOTAL SPACES



BUSH'S CHICKEN
 1550 STATE HWY 46
 BOERNE, TX.

GRADING PLAN



PROJECT NO. 31367-BOERNE
 ISSUE DATE: 06-01-16
 DRAWN BY: RT
 REVIEWED BY: RAL