

SITE GRADING GENERAL NOTES

- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH CITY STANDARDS, SPECIFICATIONS, AND DETAILS. WHERE CITY DETAILS ARE UNAVAILABLE OR UNCLEAR, NCTCOG (4TH EDITION) SPECIFICATIONS SHALL APPLY
- VEGETATION, DEBRIS, AND TOPSOIL CONTAINING ORGANIC MATERIALS SHOULD BE CLEARED AND GRUBBED FROM THE ENTIRE SITE (APPROX. DEPTH OF 8 INCHES) AT THE BEGINNING OF EARTHWORK.
- REFERENCE CIVIL SPECIFICATIONS AND PLAN SHEETS FOR PAVEMENT SUBGRADE PREPARATION REQUIREMENTS.
- PROPOSED CONTOURS AND SPOT ELEVATIONS SHOWN IN PAVED AREAS REFLECT TOP OF PAVEMENT SURFACE OR TOP OF CURB AT CURB LINE. THE LIMITS OF EARTHWORK IN PAVED AREAS IS THE BOTTOM OF PAVEMENT OR BOTTOM OF SUBGRADE PER TYPICAL SECTIONS ON THE PAVING PLAN. PROPOSED CONTOURS SHOWN OUTSIDE PAVED AREAS ARE THE EXACT LIMITS OF GRADING.
- THE CONTRACTOR SHALL FIELD VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL EXISTING UTILITIES PRIOR TO START OF EARTHWORK AND SHALL NOTIFY THE ARCHITECT AND/OR ENGINEER OF ANY CONFLICTS DISCOVERED. CONTRACTOR IS RESPONSIBLE FOR PROTECTING EXISTING UTILITIES (SHOWN OR NOT SHOWN) WITHIN THE SCOPE OF CONSTRUCTION. IF ANY EXISTING UTILITIES ARE DAMAGED, THE CONTRACTOR SHALL REPLACE AND/OR REPAIR THEM AT HIS OWN EXPENSE AT THE OWNER'S DIRECTION.
- THE CONTRACTOR SHALL MAINTAIN ADEQUATE SITE DRAINAGE DURING ALL PHASES OF CONSTRUCTION. THE CONTRACTOR SHALL USE SILT FENCES (OR OTHER METHOD APPROVED BY THE CITY) AS REQUIRED TO PREVENT SILT AND CONSTRUCTION DEBRIS FROM FLOWING ONTO ADJACENT PROPERTIES. CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE FEDERAL, STATE, OR LOCAL EROSION, CONSERVATION, AND SILTATION ORDINANCES. CONTRACTOR SHALL REMOVE ALL TEMPORARY EROSION CONTROL DEVICES UPON COMPLETION OF PERMANENT DRAINAGE FACILITIES AND THE ESTABLISHMENT OF A STAND OF GRASS OR OTHER GROWTH TO PREVENT EROSION.
- ROUGH GRADING UNDER PROPOSED PAVING AND ALL GENERAL SITE ROUGH GRADING SHALL BE BROUGHT TO WITHIN +/- 0.1 FOOT. ROUGH GRADING ELEVATIONS IN PAVED AREAS ARE TO BOTTOM OF PAVEMENT. SEE LANDSCAPE PLANS FOR ADDITIONAL GRADING ELEVATIONS IN LANDSCAPED AREAS.
- FOR ANY WORK WITHIN CITY RIGHT OF WAY, THE CONTRACTOR SHALL:
 - NOTIFY THE CITY A MINIMUM OF 2 WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION AND HAVE ALL NECESSARY PERMITS.
 - NOT STORE MATERIAL, EXCESS DIRT OR EQUIPMENT ON THE SHOULDERS OF PAVEMENT, IN MEDIAN STRIPS OR PARKWAYS. THE PAVEMENT SHALL BE KEPT CLEAN, FREE OF ANY MUD OR EXCAVATION WASTE FROM TRUCKS OR OTHER EQUIPMENT. ON COMPLETION OF THE WORK, ALL DEBRIS AND EXCESS MATERIAL SHALL BE REMOVED FROM THE RIGHT OF WAY.
 - PROVIDE ALL NECESSARY AND ADEQUATE SAFETY PRECAUTIONS SUCH AS SIGNS, FLAG MEN, LIGHTS, AND BARRICADES AS REQUIRED BY THE CITY AND IN ACCORDANCE WITH THE TEXAS MUTCD. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR AND HOLD HARMLESS THE CITY AND THE OWNER FROM ANY CLAIMS FOR DAMAGE DONE TO EXISTING PRIVATE PROPERTY, PUBLIC UTILITIES, OR TO THE TRAVELING PUBLIC.
 - POST NECESSARY BONDS AS REQUIRED BY THE CITY AND/OR THE STATE.
- THE CONTRACTOR SHALL TAKE ALL AVAILABLE PRECAUTIONS TO CONTROL DUST. CONTRACTOR SHALL CONTROL DUST BY SPRINKLING WATER, OR BY OTHER MEANS APPROVED BY THE ARCHITECT, ENGINEER, AND THE OWNER, AT NO ADDITIONAL COST TO THE OWNER.
- THE CONTRACTOR IS RESPONSIBLE FOR REMOVING ANY EXISTING STRUCTURES, FENCES, DEBRIS, OR TREES ON SITE, AND SHALL COORDINATE ALL REMOVAL WITH THE GENERAL CONTRACTOR. NO TREES OR OTHER ITEMS SHALL BE REMOVED WITHOUT THE APPROVAL OF THE ARCHITECT, ENGINEER, AND OWNER. ALL TREES (NOTED ON THE PLANS OR ON THE GROUND) NOT REMOVED SHALL BE GUARDED AND PRESERVED DURING CONSTRUCTION. IF DAMAGED, THE EXISTING TREE WILL BE REPLACED (WITH EQUAL CALIPER INCH) TOTALLY AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL ESTABLISH VEGETATION ON ALL DISTURBED AREAS OF THE SITE. SUPPLY OF WATER AS NEEDED FOR VEGETATION GROWTH SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- ALL EXCAVATION IS UNCLASSIFIED AND SHALL INCLUDE ALL MATERIALS ENCOUNTERED. UNUSABLE EXCAVATED MATERIAL AND ALL WASTE RESULTING FROM SITE CLEARING AND GRUBBING SHALL BE DISPOSED OF ON SITE AT THE DIRECTION OF THE OWNER, OR OFF SITE BY THE GRADING CONTRACTOR AT HIS EXPENSE.
- BEFORE ANY EARTHWORK IS DONE, THE CONTRACTOR SHALL STAKE OUT AND MARK THE LIMITS OF PAVEMENT AND OTHER ITEMS ESTABLISHED BY THE PLANS. THE CONTRACTOR SHALL PROTECT AND PRESERVE CONTROL POINTS AT ALL TIMES DURING THE COURSE OF THE PROJECT. THE GRADING CONTRACTOR SHALL PROVIDE ALL NECESSARY ENGINEERING AND SURVEYING FOR LINE AND GRADE CONTROL POINTS RELATED TO EARTHWORK.
- THE CONTRACTOR SHALL SALVAGE AND PROTECT ALL EXISTING POWER POLES, SIGNS, MANHOLES, TELEPHONE RISERS, WATER VALVES, ETC. DURING ALL CONSTRUCTION PHASES.
- ALL FILL TO BE COMPACTED TO A MIN 95% STANDARD DENSITY USING A SHEEP'S FOOT ROLLER.
- ALL DISTURBED AREAS NOT PAVED TO HAVE A MIN. OF 1" STAND OF GRASS (MATCHING EXISTING ON-SITE GRASSES) PRIOR TO ACCEPTANCE OF THE PROJECT.
- EXISTING UTILITIES SHALL BE ADJUSTED TO PROPOSED GRADE AS NECESSARY AND IS NOT A SEPARATE PAY ITEM.
- ALL RIGHT-OF-WAYS TO BE SODDED (WITH MATCHING GRASSES) IF DISTURBED.



BENCHMARKS:

- B.M. NO. 1
"X" CUT IN CONCRETE, AT THE NORTHEAST PROPERTY CORNER OF LOT 5, BLOCK A, AND +/-27.0 FEET SOUTHWEST OF THE CENTERLINE OF THE PAVEMENT OF LAKEFRONT TRAIL
~ ELEV. 468.01
- B.M. NO. 2
"X" CUT IN CONCRETE, +/-32.58 FEET NORTHWEST OF THE CENTERLINE OF SUMMER LEE DR. AND +/-24.0 FEET SOUTHWEST OF THE CENTERLINE OF THE PAVEMENT OF LAKEFRONT TRAIL
~ ELEV. 476.80

NOTICES TO CONTRACTOR

EXISTING UNDERGROUND/BURIED PUBLIC, PRIVATE, AND FRANCHISE UTILITIES/FACILITIES AFFECT THIS SITE, AND ARE DEPICTED ON THE PLANS PER THE BEST AVAILABLE INFORMATION AT THE TIME THE PLANS WERE PRODUCED. WINKELMANN & ASSOC., INC. SHALL NOT BE RESPONSIBLE FOR KNOWING THE EXACT LOCATION OF ALL FACILITIES OR DEPICTING EXACT LOCATIONS OF SAID FACILITIES ON THE PLANS BEYOND WHAT IS STATED ABOVE.

CONTRACTOR(S) SHALL CALL "811" A MINIMUM OF 48 HOURS PRIOR TO BEGINNING WORK ON THE SITE, AND SHALL NOT BEGIN ANY EXCAVATION OR DEMOLITION ACTIVITIES UNTIL AFTER SAID FACILITIES HAVE BEEN MARKED AND/OR FLAGGED, BOTH ONSITE AND OFFSITE, PER "811" AND/OR THE FACILITY OWNERS.

CONTRACTOR(S) SHALL BE WHOLLY RESPONSIBLE FOR ANY DAMAGE THAT MAY OCCUR TO SAID FACILITIES DUE TO WORK BEING DONE WITHOUT FOLLOWING THE PROCEDURES ABOVE.

PLAN LEGEND

- 500
500
- 500.00 TC
499.50 TP
- 500.00 EXTW
- 500.00 TP
- 1.0%
- C.F.
1.0%
- EXISTING CONTOURS
- PROP. CONTOURS
- PROP. TOP OF CURB
- PROP. TOP OF PAVEMENT
- PROP. TOP OF WALL
- PROP. TOP OF PAVEMENT
- DOWNGRADE SLOPE GRADE
- CROSSFALL SLOPE GRADE
- FLOW DIRECTION ARROW

DISTURBED LAND AREA: 0.55 AC

SIDEWALK GENERAL NOTES

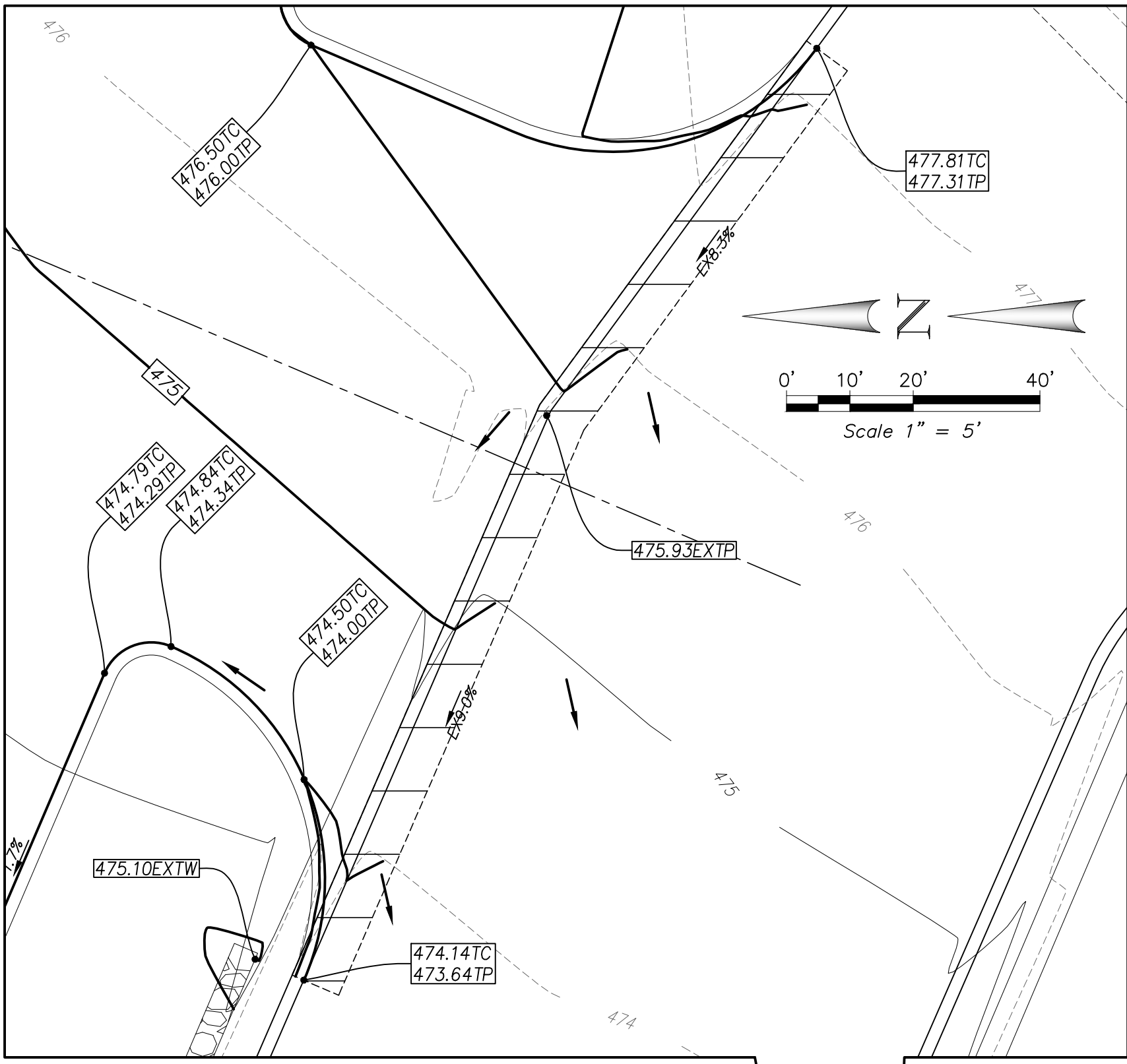
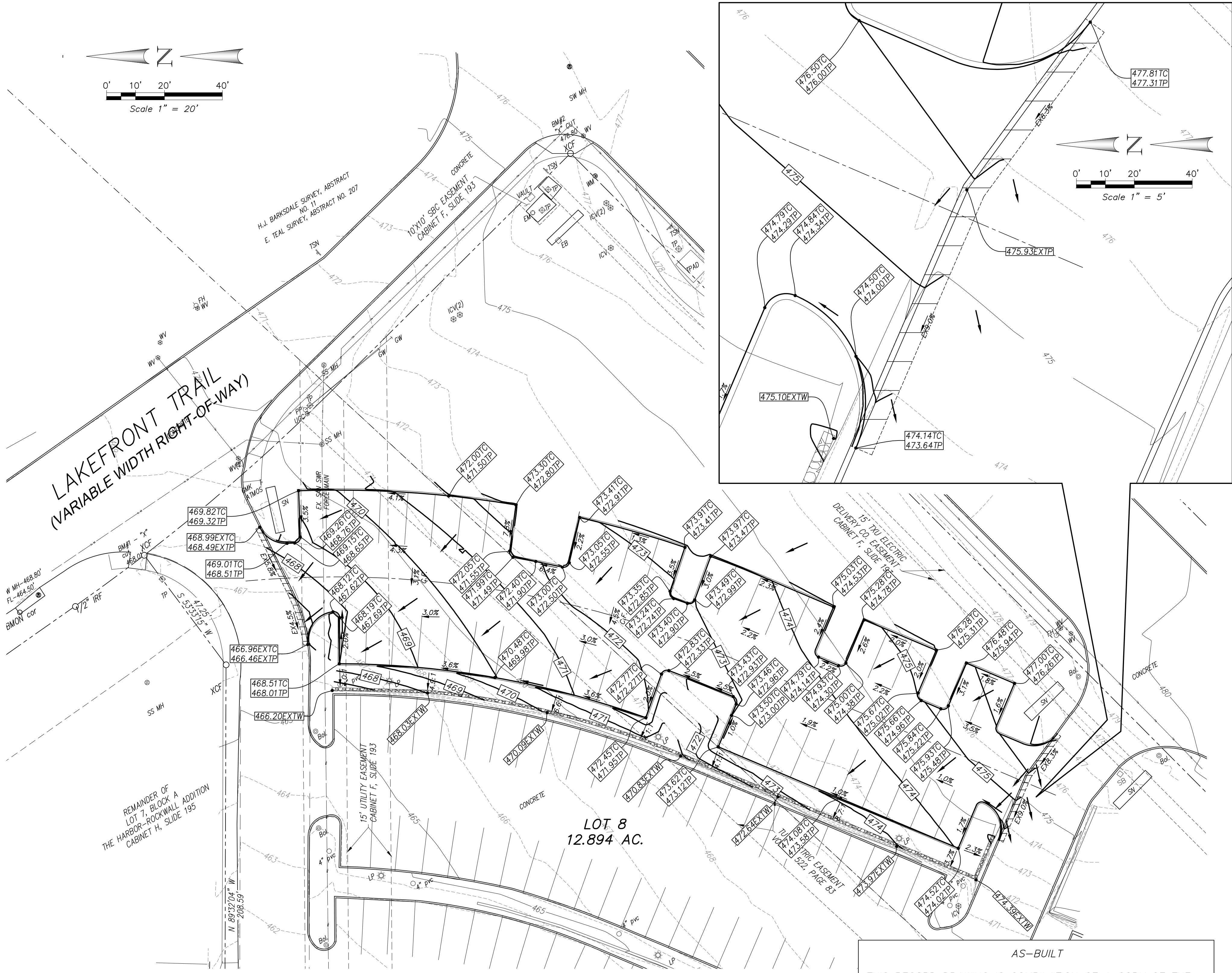
- SIDEWALK CROSS SLOPES NOT TO EXCEED 1.80%.
- RAMP RUNNING SLOPES NOT TO EXCEED 8.0%.
- CURB RAMPS WITHIN THE BOUNDARY OF THE SITE MUST HAVE A DETECTABLE WARNING SURFACE TO COMPLY WITH ANSI 4.7.

AS-BUILT

THIS RECORD DRAWING IS COMPILATION OF A COPY OF THE SEALED ENGINEERING DRAWING FOR THIS PROJECT; MODIFIED BY ADDENDA, CHANGE ORDERS, AND INFORMATION FURNISHED BY THE CONTRACTOR. THE INFORMATION SHOWN ON THE RECORD DRAWINGS IS PROVIDED BASED ON SURVEYING AT THE SITE AND INFORMATION PROVIDED BY THE CONTRACTOR OR OTHERS NOT ASSOCIATED WITH THE DESIGN ENGINEER. THE ORIGINAL SEALED DRAWING ARE ON FILE AT THE OFFICES OF WINKELMANN AND ASSOCIATES, INC.

Maria L. Boilla
WINKELMANN AND ASSOCIATES, INC. 04-24-2018
DATE

ALL RESPONSIBILITY FOR ADEQUACY OF DESIGN REMAINS WITH THE DESIGN ENGINEER. THE CITY OF ROCKWALL, IN REVIEWING AND RELEASING PLANS FOR CONSTRUCTION, ASSUMES NO RESPONSIBILITY FOR ADEQUACY OR ACCURACY OF DESIGN.



GRADING PLAN
HARBOR-ROCKWALL ADDITION
ROCKWALL, TEXAS

C-05

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1.	04/24/2018	AS-BUILT		