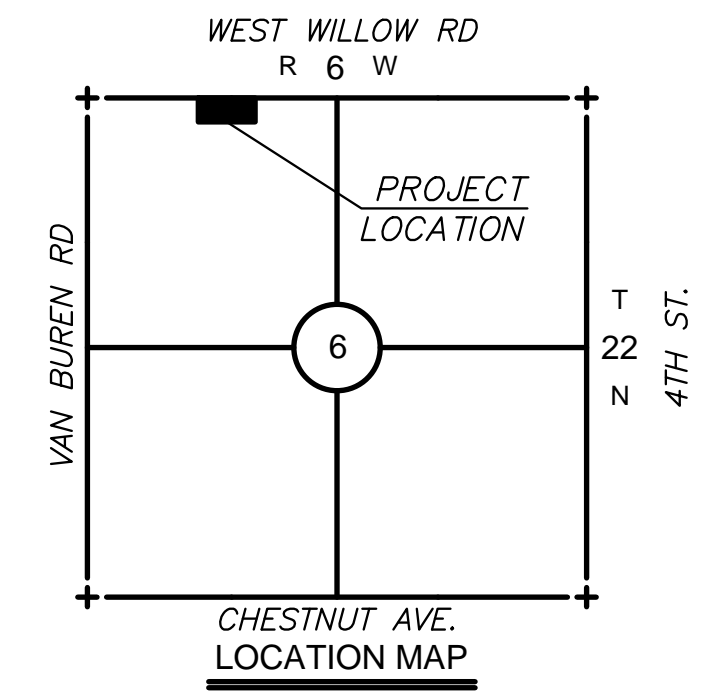
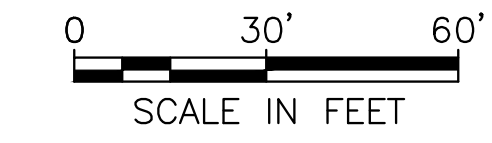


GENERAL NOTES:
 1. UTILITY LOCATIONS ARE APPROXIMATE. CONTRACTOR SHALL CALL ONE FOR UTILITY LOCATIONS PRIOR TO CONSTRUCTION.
 2. NO COURT HOUSE RESEARCH WAS PERFORMED IN ORDER TO DETERMINE THE EXISTENCE OF EASEMENT ON THE SUBJECT PROPERTY.
 3. A BOUNDARY SURVEY WAS NOT PERFORMED ON THE SUBJECT PROPERTY

- PLAN KEY NOTES:**
- 1 PLUG EXISTING TRANSITE STORM SEWER W/ CONC. AND ABANDON IN PLACE.
 - 2 CONNECT TO EXISTING 15" TRANSITE STORM SEWER. PROVIDE FERROCEMENT OR SIMILAR ADAPTER COMPATIBLE WITH NEW AND EXISTING PIPING AND CONCRETE ENCASE. SEE DETAIL 12/C3
 - 3 REMOVE AND REPLACE EXISTING ASPHALT TRACK AS REQUIRED FOR STORM SEWER INSTALLATION. SEE DETAIL 2/C3
 - 4 INLET BASIN TYPICAL. SEE SCHEDULE THIS SHEET AND DETAIL 11/C3

- 5 REMOVE EXISTING TRANSITE STORM SEWER LINE AND INSTALL NEW 30" STORM SEWER.
- 6 CONNECT NEW 30" TO EXISTING STORM SEWER INLET BOX SEE DETAIL 12/C3
- 7 CONTRACTOR SHALL TV ALL THE EXISTING STORM SEWER PIPING TO BE LEFT IN OPERATION TO DETERMINE THE CONDITION OF THE LINES IN PLACE. SUBMIT VIDEO IN DVD FORMAT TO ARCHITECT FOR REVIEW.
- 8 REMOVE EXISTING INLET AND PLUG LINE
- 9 REMOVE AND REPLACE EXISTING P.C. CONCRETE PAVING SEE SECTIONS ON DETAIL 5/C3. MATCH APPROX. GRADES OF EXISTING PAVING SURFACE UNLESS SHOWN OTHERWISE.
- 10 4" WIDE WHITE STRIPING TYPICAL. TRAFFIC PAINT SHALL CONFORM TO THE 1999 ODOT STD. SPECIFICATIONS.



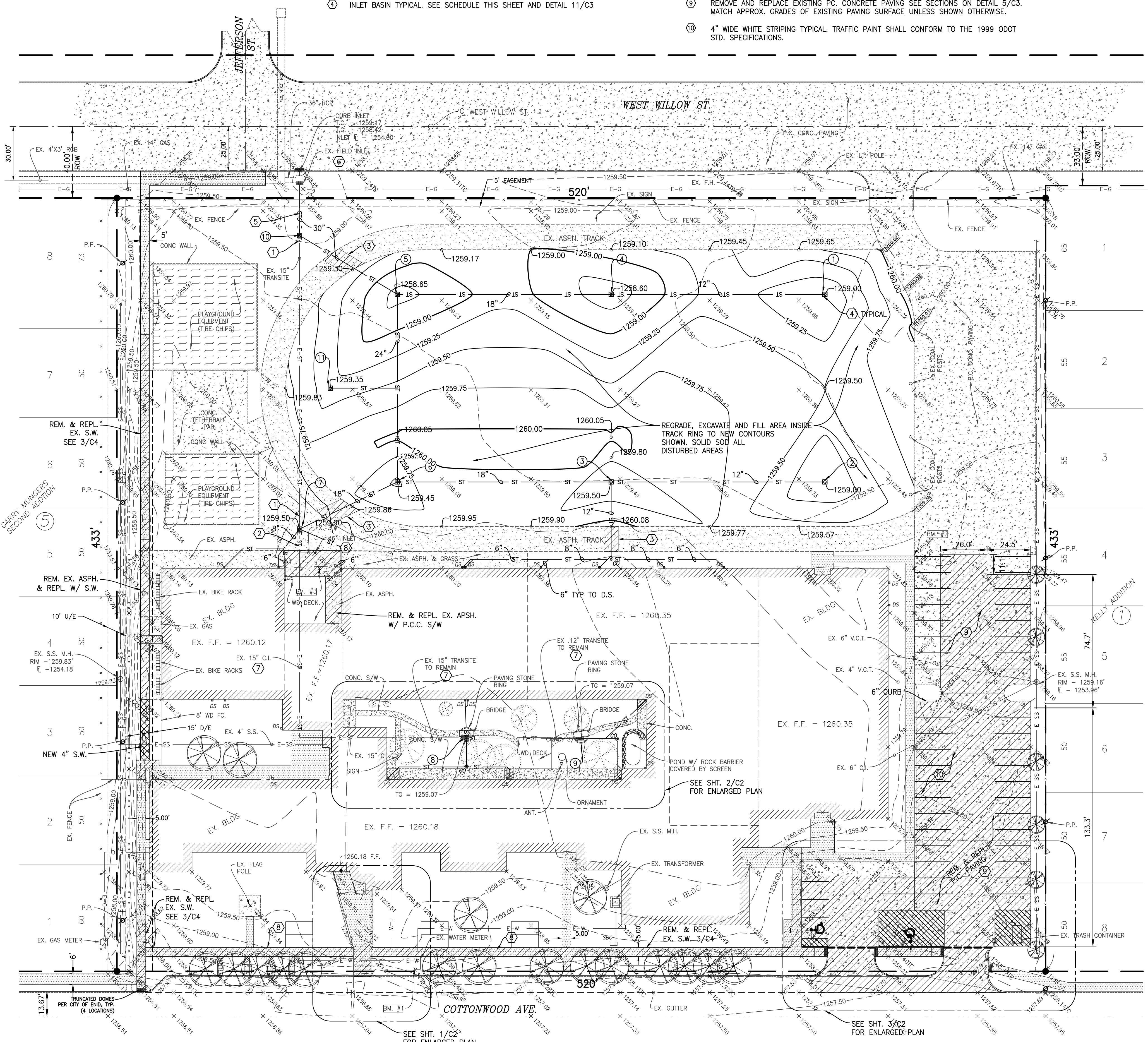
- LEGEND**
- E-UE EXISTING U.G. ELEC.
 - E-G EXISTING NAT. GAS
 - E-W EXISTING WATER
 - E-ST EXISTING STORM SEWER
 - SD EXISTING STORM DRAIN
 - E-SS EXISTING SAN. SEWER
 - X EXISTING FENCE LINE
 - ST PROPOSED STORM SEWER
 - EX. S.S. MANHOLE
 - EX. ST. S. GRATE
 - EX. GAS METER
 - EX. POWER POLE
 - PROPOSED 18" GRATE SIGN

- EX. ASPH. CONC. PAVING
- EX. P.C. CONC. PAVING
- EX. CONC. SIDEWALK
- EX. ASPH. CONC. TO BE REMOVED AND REPLACED AS INDICATED
- EX. P.C. CONC. PAVING TO BE REMOVED AND REPLACED
- EX. CONC. SIDEWALK TO BE REMOVED AND REPLACED
- NEW 4" CONC. SIDEWALK

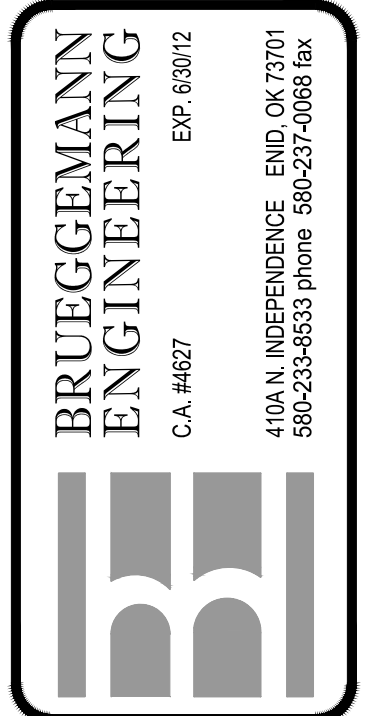
- BENCHMARKS:**
- BM. #1: S.W. CORNER WATER METER BOX ELEV. 1259.27
 - BM. #2: N.E. CORNER SIDE WALK ELEV. 1259.84
 - BM. #3: TOP OF NAIL IN CONC. W/ REFLECTOR ELEV. 1260.04

DRAINAGE STRUCTURE SCHEDULE						
STRUCTURE NO.	Basin Dia (in)	Grate Dia (in)	Top of Grate Elev. (ft)	Flow Line (in) Elev. (ft)	Flow Line (out) Elev. (ft)	Total Drainage Area (ac)
1	18"	18" STANDARD	1259.00	-----	12"φ - 1256.50	0.1888
2	18"	18" STANDARD	1259.00	-----	12"φ - 1256.50	0.2544
3	24"	24" STANDARD	1259.50	12"φ(E) - 1256.00 12"φ(S) - 1257.50	18"φ - 1255.90	0.6996
4	24"	24" STANDARD	1258.60	12"φ - 1256.00	18"φ - 1255.90	0.4385
5	30"	24" STANDARD	1258.65	18"φ(E) - 1255.45 24"φ(S) - 1254.70	30"φ - 1254.60	2.3972
6	24"	24" STANDARD	1259.45	18"φ(E) - 1255.45 18"φ(SW) - 1255.15	24"φ - 1255.05	1.6782
7	24"	24" STANDARD	1259.50	EX. 15"φ(S) - 1255.75 (VERIFY) 6"φ(SW) - 1258.30 6"φ(SE) - 1258.30	18"φ - 1255.40	0.8056
8	24"	24" LIGHT DUTY	1259.25	-----	EX. 12"φ - 1258.00 (VERIFY)	0.5422
9	24"	24" LIGHT DUTY	1259.25	EX. 12"φ - 1257.68 (VERIFY)	EX. 15"φ - 1257.68 (VERIFY)	0.2711
10	30"	24" SOLID	1259.00	30"φ - 1254.40	30"φ - 1254.30	2.3972

- CONSTRUCTION NOTES:**
- SIDEWALKS SHALL BE 4" THICK P.C. CONC. WITH CONTROL JOINTS LOCATED AT SPACING EQUAL TO THE SIDEWALK WIDTH.
 - CONTRACTOR SHALL MEET A.D.A. OR CITY OF ENID STANDARDS FOR SIDEWALK CONSTRUCTION, WHICHEVER IS MORE STRINGENT.
 - PRIOR TO THE PLACEMENT OF FILL, THE EXISTING SUBGRADE SHALL BE:
 - STRIPPED OF ALL VEGETATION, TOPSOIL, AND ANY OTHER DELETERIOUS MATERIALS.
 - PROOF-ROLLED INCLUDING REMOVING AND REPLACING ANY SOFT MATERIAL WHICH EXHIBITS PERMANENT SUBGRADE DEFORMATION EXCEEDING 0.5 INCHES WHEN TRANVERSED BY A LOADED TRUCK WITH A REAR AXLE LOAD OF APPROXIMATELY 16,000 LBS.
 - SCARIFIED TO A DEPTH OF (9) INCHES, AND MOISTURE CONDITIONED (-2% TO +4% OF OPTIMUM) AND COMPACTED TO 95 PERCENT OR MORE OF STANDARD PROCTOR MAXIMUM DRY DENSITY.
 - ALL FILL AND NATURAL GRADES (FOR THE CASE WHERE NO FILL IS USED) IN THE BUILDING AREA AND UNDER PARKING, DRIVES, AND WALKS SHALL BE:
 - COMPACTED TO AT LEAST 95 PERCENT OF STANDARD PROCTOR MAXIMUM DRY DENSITY (ASTM D698) AT A MOISTURE CONTENT AT OR SLIGHTLY IN EXCESS OF THE OPTIMUM (i.e. -2% TO +4% OF OPTIMUM).
 - PLACED IN LIFTS NOT TO EXCEED (9) INCHES IN COMPACTED THICKNESS.
 - TESTED FOR FIELD DENSITY EVERY 5,000 S.F. PER LIFT OF FILL UNDER STRUCTURE AND 20,000 S.F. UNDER PAVED AREAS.
 - PAVING SELECT FILL REQUIREMENTS:
 - AMOUNT FINER THAN 2-INCH SIEVE = 100%
 - AMOUNT FINER THAN NO. 200 SIEVE = 12% MINIMUM, AND IF P.I. < 7, 60% MAXIMUM.
 - LIQUID LIMIT = 40 MAXIMUM.
 - PLASTICITY INDEX (P.I.) = 5 TO 15
 - THE CONTRACTOR SHALL CONTRACT WITH A QUALIFIED SOILS ENGINEER TO PERFORM TESTING, INSPECT THE FOOTING EXCAVATIONS, PROOF-ROLLING, AND COMPACTATION TO VERIFY THE BEARING MATERIAL AND IDENTIFY SOFT AND YIELDING AREAS ON THE SITE.
 - REFER TO ARCHITECTURAL DRAWINGS FOR BUILDING DIMENSIONS AND DETAILS.
 - PAVING DIMENSIONS ARE TO BACK OF CURB OR EDGE OF PAVEMENT.
 - ALL EXISTING TRANSITE PIPING SHALL BE HANDLED AND DISPOSED OF IN ACCORDANCE WITH THE REGULATIONS OF THE GOVERNING JURISDICTION.
 - ALL AREAS DISTURBED BY CONSTRUCTION SHALL BE SODDED.
 - EXISTING SUBGRADE UNDER NEW P.C. PAVING SHALL BE STABILIZED W/ 17% FLYASH OR 10% OKD. ALL WORK & MATERIAL SHALL CONFORM TO THE 1999 ODOT STD. SPECIFICATIONS FOR HIGHWAY CONSTRUCTION.



1 SITE PLAN
 1"=30'-0"



DATE: 02/14/2012
 REV.: