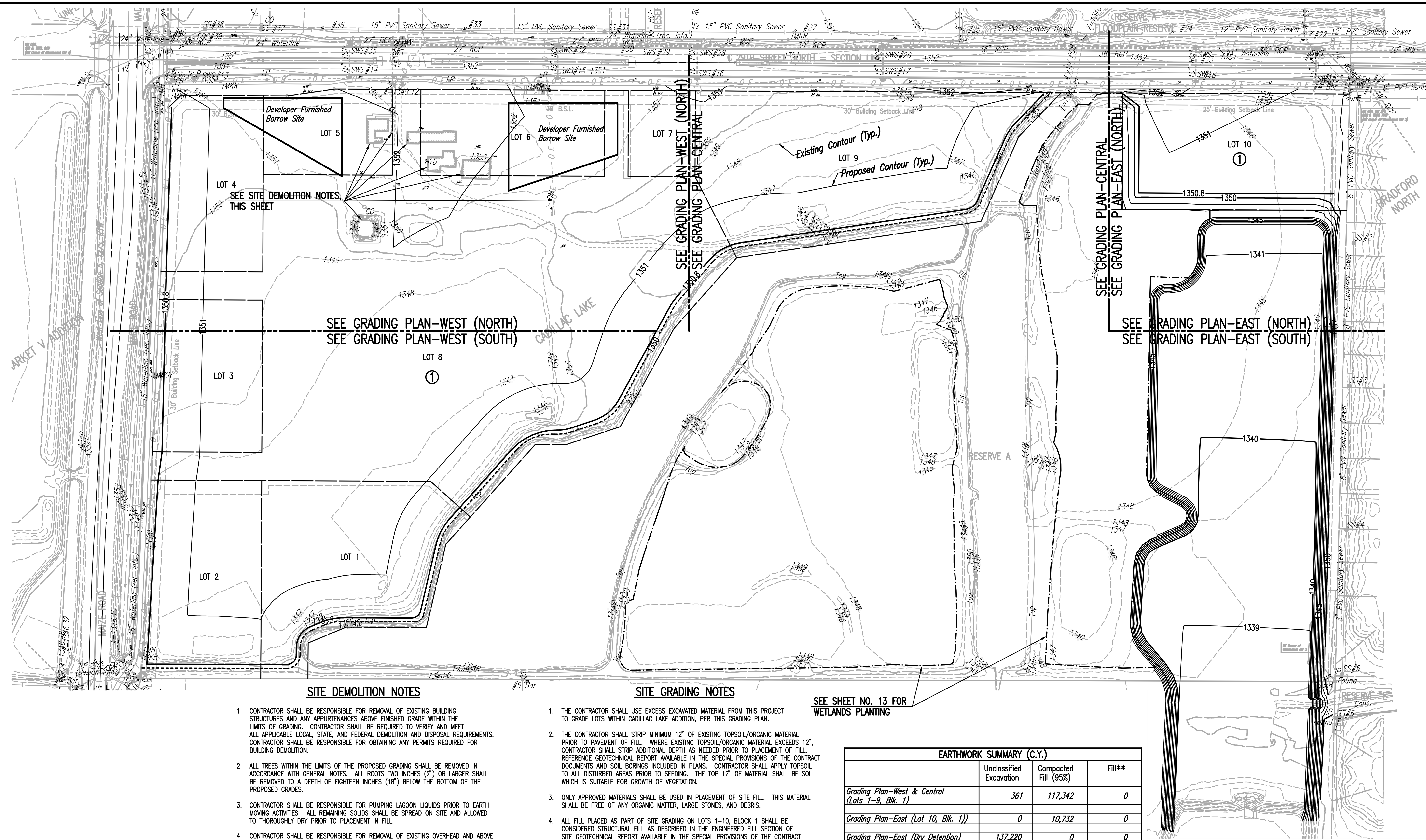


Served 10-26-2015 1:28:55 PM by JAG
 Plot Scale 1:1 10-26-2015 3:04:02 PM by JAG
 U:\Wichita-Civil\2015\15138\000\Drawings\15138-000-00C-GRADING PLAN-OVERALL



- SITE DEMOLITION NOTES**
- CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL OF EXISTING BUILDING STRUCTURES AND ANY APPURTENANCES ABOVE FINISHED GRADE WITHIN THE LIMITS OF GRADING. CONTRACTOR SHALL BE REQUIRED TO VERIFY AND MEET ALL APPLICABLE LOCAL, STATE, AND FEDERAL DEMOLITION AND DISPOSAL REQUIREMENTS. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ANY PERMITS REQUIRED FOR BUILDING DEMOLITION.
 - ALL TREES WITHIN THE LIMITS OF THE PROPOSED GRADING SHALL BE REMOVED IN ACCORDANCE WITH GENERAL NOTES. ALL ROOTS TWO INCHES (2") OR LARGER SHALL BE REMOVED TO A DEPTH OF EIGHTEEN INCHES (18") BELOW THE BOTTOM OF THE PROPOSED GRADES.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR PUMPING LAGOON LIQUIDS PRIOR TO EARTH MOVING ACTIVITIES. ALL REMAINING SOLIDS SHALL BE SPREAD ON SITE AND ALLOWED TO THOROUGHLY DRY PRIOR TO PLACEMENT IN FILL.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL OF EXISTING OVERHEAD AND ABOVE GROUND UTILITIES AND APPURTENANCES. CONTRACTOR SHALL COORDINATE ALL ACTIVITIES WITH RESPECTIVE UTILITY COMPANIES PRIOR TO DEMOLITION ACTIVITIES.

- SITE GRADING NOTES**
- THE CONTRACTOR SHALL USE EXCESS EXCAVATED MATERIAL FROM THIS PROJECT TO GRADE LOTS WITHIN CADILLAC LAKE ADDITION, PER THIS GRADING PLAN.
 - THE CONTRACTOR SHALL STRIP MINIMUM 12" OF EXISTING TOPSOIL/ORGANIC MATERIAL PRIOR TO PAVEMENT OF FILL. WHERE EXISTING TOPSOIL/ORGANIC MATERIAL EXCEEDS 12", CONTRACTOR SHALL STRIP ADDITIONAL DEPTH AS NEEDED PRIOR TO PLACEMENT OF FILL. REFERENCE GEOTECHNICAL REPORT AVAILABLE IN THE SPECIAL PROVISIONS OF THE CONTRACT DOCUMENTS AND SOIL BORINGS INCLUDED IN PLANS. CONTRACTOR SHALL APPLY TOPSOIL TO ALL DISTURBED AREAS PRIOR TO SEEDING. THE TOP 12" OF MATERIAL SHALL BE SOIL WHICH IS SUITABLE FOR GROWTH OF VEGETATION.
 - ONLY APPROVED MATERIALS SHALL BE USED IN PLACEMENT OF SITE FILL. THIS MATERIAL SHALL BE FREE OF ANY ORGANIC MATTER, LARGE STONES, AND DEBRIS.
 - ALL FILL PLACED AS PART OF SITE GRADING ON LOTS 1-10, BLOCK 1 SHALL BE CONSIDERED STRUCTURAL FILL AS DESCRIBED IN THE ENGINEERED FILL SECTION OF SITE GEOTECHNICAL REPORT AVAILABLE IN THE SPECIAL PROVISIONS OF THE CONTRACT DOCUMENTS. ALL FILL SHALL BE PLACED IN LIFTS AND COMPACTED TO THE DENSITY REQUIREMENTS PER GEOTECHNICAL REPORT, EXCEPT TOPSOILING.
 - ALL FILL MATERIAL SHALL BE BLADED SMOOTH AND SLOPED TO DRAIN.
 - NO WASTE MATERIAL SHALL BE PLACED IN ANY STREET RIGHT-OF-WAY.
 - THE LUMP SUM BID ITEM "MASS GRADING" SHALL INCLUDE TOPSOILING STRIPPING AND PLACING, GRADING AND COMPACTING OF SOIL MATERIAL TO THE REQUIREMENTS OF THIS GRADING PLAN; AND FOR ALL EQUIPMENT, LABOR, TOOLS, AND INCIDENTALS NECESSARY TO COMPLETE THE WORK.
 - ANY DOUBLE-HANDLING AND/OR STOCKPILING OF EXCAVATED MATERIAL WHICH MAY BE REQUIRED, INCLUDING REMOVAL AND REPLACEMENT OF TOPSOIL, WILL NOT BE MEASURED OR PAID FOR SEPARATELY.
 - THE ACTUAL EXCAVATION OF MATERIAL FOR SITE GRADING IS INCLUDED IN THE BID ITEM "UNCLASSIFIED EXCAVATION".

SEE SHEET NO. 13 FOR WETLANDS PLANTING

EARTHWORK SUMMARY (C.Y.)			
	Unclassified Excavation	Compacted Fill (95%)	Fill**
Grading Plan-West & Central (Lots 1-9, Blk. 1)	361	117,342	0
Grading Plan-East (Lot 10, Blk. 1)	0	10,732	0
Grading Plan-East (Dry Detention)	137,220	0	0
TOTALS	137,581	128,074	0

**FOR INFORMATION ONLY-NOT A PAY ITEM. NO SHRINKAGE FACTOR HAS BEEN APPLIED.

ESTIMATED DEVELOPER FURNISHED BORROW=
 (128,074)(1.15) = 137,581 = 9,704 C.Y.
 ASSUMES 15% SHRINKAGE

WASTE MATERIAL SHALL BE SPREAD ON PROJECT SITE, BLADED SMOOTH AND SLOPED TO DRAIN.


THE CONTRACTOR SHALL SATISFY THEMSELVES WITH THE EARTHWORK QUANTITIES AND NO CHANGE ORDER FOR EARTHWORK WILL BE APPROVED.

LOCATION FOR STOCKPILE OF EXCESS MATERIAL, IF NEEDED, SHALL BE COORDINATED WITH OWNER AND THE ENGINEER.

CADD FILES FOR THE SITE GRADING WILL BE MADE AVAILABLE UPON REQUEST.

No.	Revision	By	Date

CADILLAC LAKE
STORM WATER DRAIN NO. 404
GRADING PLAN-OVERALL
 GARY JANZEN, P.E. - CITY ENGINEER
 CITY OF WICHITA PROJECT NO. 468-85057


PEC PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
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 316-262-2691 www.pec1.com

Designed by	JAG	Job No.	35-15138-000	Sht.	03 of 17
Drawn by	BJS	Date	October 2015		