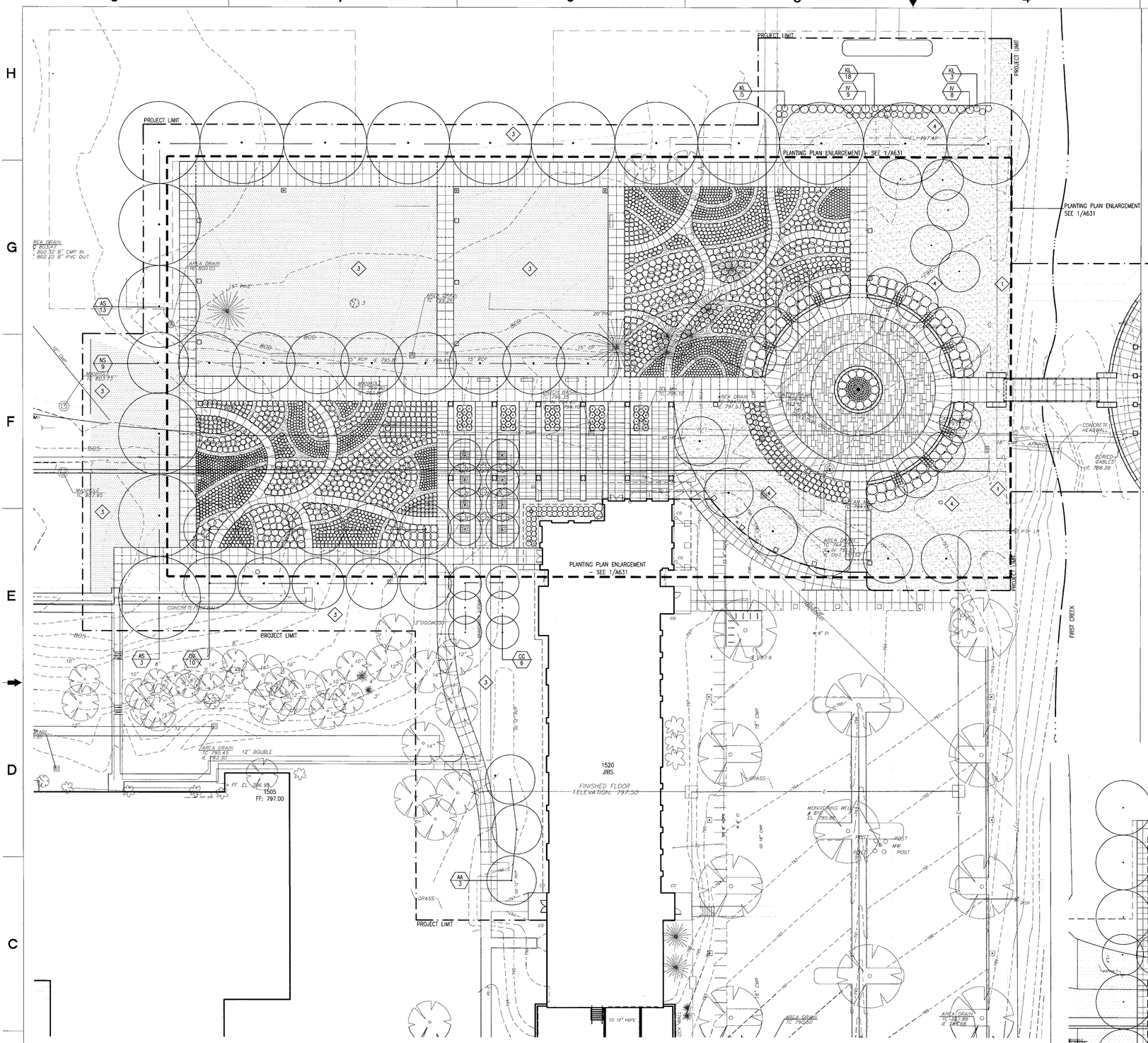

PLAN NOTES:

1. EXTENTS OF STREAMBANK RESTORATION: CLEAR VEGETATION & SEED W/ EROSION CONTROL PRAIRIE SEED MIX
2. SHRUB/GROUNDCOVER/PERENNIAL PLANTINGS
3. SEEDED LAWN TO LIMITS OF DISTURBANCE
4. MEADOW SEED MIX

GENERAL NOTES

1. SITE SURVEY BY: BARGE WAGGONER SUMNER AND CANNON ENGINEERS ARCHITECTS INC., KNOXVILLE, TN

2. PLANTING, IRRIGATION, RIVER STONE MAINTENANCE PATH, METAL EDGING & ORGANIC MULCH SHALL BE BY OTHERS. INFORMATION SHOWN FOR DRAWING CLARITY & COORDINATION PURPOSES ONLY. COORDINATE W/ CFR.

1 PLANTING PLAN
A630 1" = 20'-0"

0 20' 40' 60'

	COMMON NAME	BOTANICAL NAME	QUANTITY	SIZE/ROOT	REMARKS
	OVERSTORY/SHADE TREES				
AS	Sugar Maple	*Acer saccharum*	16	3" cal. B&B	Matched
NS	Blackgum	*Nyssa sylvatica*	9	3" cal. B&B	Matched
OV	Iron Wood	*Ostrya virginiana*	15	2.5" cal. B&B	Matched
QC	Scarlet Oak	*Quercus coccinea*	1	8" cal.	Specimen
	ORNAMENTAL TREES				
AA	Serviceberry	*Amelanchier arborea*	9	2.5" cal. B&B	singlestem, limited to 6' ht.
CC	Redbud	*Cercis canadensis*	19	2.5" cal. B&B	limited to 6' ht.
CV	Fringe Tree	*Chionanthus virginicus*	12	2.5" cal. B&B	limited to 6' ht.
	DECIDUOUS SHRUBS				
IV	Virginia Sweetspire	*Itea virginica*	103	48" Ht.	
CEA	New Jersey Tea	*Ceanothus americanus*	38	30" Ht.	
	EVERGREEN SHRUBS				
KL	Mountain Laurel	*Kalmia latifolia*	26	36" Ht.	
JS	Parsoni Juniper	*Juniperus squamata 'Parsoni'*	13	48" Ht.	
	ORNAMENTAL GRASSES/ PERENNIALS				
AC	Columbine	*Aquilega canadensis*	225	1 gal.	
WG	Wild Ginger	*Asarum canadense*	296	4" pots	12" o.c.
AD	White Wood Aster	*Aster divaricatus*	51	1 gal.	
ARD	Goat's Beard	*Aruncus dioicus*	44	2 gal.	
AG	Split Beard Bluestem	*Andropogon gerardii*	117	2 gal.	
AT	Butterfly Weed	*Asclepias tuberosa*	1097	1 gal.	
EH	Horsetail	*Equisetum hyemale*	144	1 gal.	12" o.c.
EP	Purple Coneflower	*Echinacea purpurea*	294	1 gal.	8" o.c.
MD	Beebalm	*Monarda didyma*	108	1 gal.	
RF	Black-eyed Susan	*Rudbeckia fulgida*	282	1 gal.	
PV	Shenandoah Switch Grass	*Panicum virgatum 'Shenandoah'*	215	2 gal.	
PD	Blue Phlox	*Phlox divaricata*	66	1 gal.	
SN	Indian Grass	*Sorghastrum nutans*	68	2 gal.	
SS	Little Bluestem	*Schizachyrium scoparium*	467	2 gal.	
SH	Prairie Dropseed	*Sporobolus heterolepis*	395	2 gal.	

NOTES:

1. SEE PLANS FOR PLANT SPACING

2. CONTRACTOR TO VERIFY QUANTITIES. NOTIFY CFR OF DISCREPANCIES BETWEEN DRAWINGS AND SCHEDULE.

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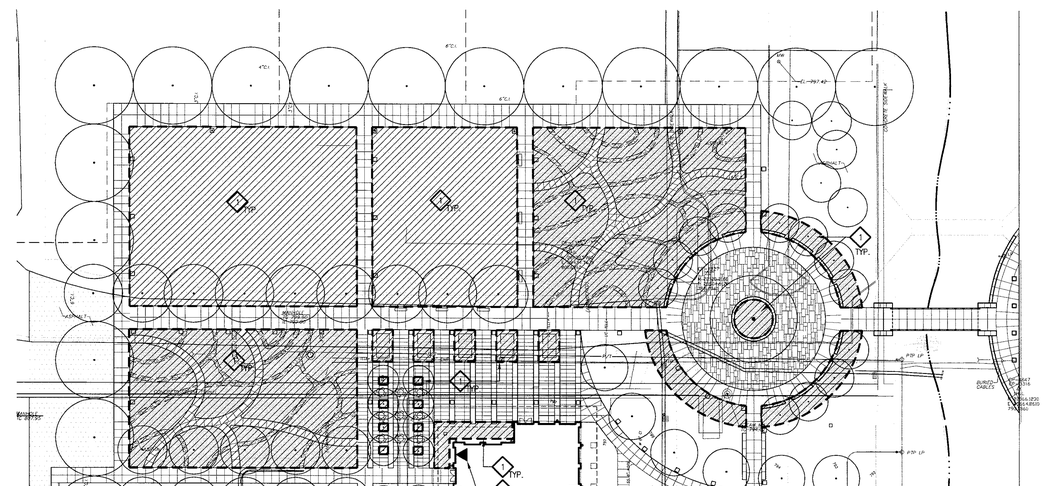
2 PLANT MATERIALS SCHEDULE
A630 N T S



PLAN NOTES:

1. IRRIGATED AREA
2. IRRIGATION SYSTEM CONTROLLER – COORDINATE LOCATION WITH CFR

NOTES:
1. IRRIGATION BY OTHERS. INFORMATION SHOWN FOR COORDINATION ONLY. COORDINATE WITH CFR.

2. SEE LAYOUT PLANS FOR IRRIGATION SLEEVES AT WALKWAYS TO BE INSTALLED BY THIS CONTRACT

3 IRRIGATION PLAN
A630 1" = 30'-0"

0 30' 60' 90'

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NUMBER OF SECTION OR DETAIL
DRAWING ON WHICH SECTION OR DETAIL IS TAKEN
DRAWING ON WHICH SECTION OR DETAIL IS SHOWN
SECTION AND DETAIL KEY

THIS DOCUMENT CONTROLLED BY
CHANGE CONTROL SYSTEM
ENGINEERING PROCEDURE

REV	CHANGE TYPE	CHANGE CONTROL SYSTEM	CHANGE CONTROL NUMBER	DESCRIPTION	DSN	DATE	CHK	DATE	PE	DATE	PM	DATE	REQ	DATE	CFM	DATE
				PHASE 2 CD – CERTIFIED FOR CONSTRUCTION	RAP	01/15/08	RTH	01/15/08	RTH	1-17-08	WH	1/17/08			CDM	1/23/08
				PHASE 2 CD – 100%	RAP	12/28/07	RTH	12/28/07								
				PHASE 2 CD – 60% REVIEW	RAP	11/12/07	RTH	11/12/07								

REVISION OR ISSUE PURPOSE — REVISION APPROVALS

RPE	RPE NO	DATE	ST	CV	EC	EE	EM	IE	M	PD	SE	AR	FPE

INTER-DISCIPLINE CHECK

REV.	DATE

DSGN	RAP	01/15/08
DRW	WH	01/15/08
CHKR	RTH	01/15/08
PE		1/17/08
PM		1/17/08
REQ		/ /
CFM		1/23/08

REVISION 0 APPROVALS — DATE

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managed for the DEPARTMENT OF ENERGY under U.S. GOVERNMENT contract DE-AC05-00OR22725
UT-BATTELLE, LLC, • Oak Ridge, Tennessee

WEST CAMPUS IMPROVEMENTS (QUAD) PROJECT
PHASE 2 PLANTING & IRRIGATION PLAN

SITE	BLDG	SH.	OF	
ORNL	X AREA	7	20	UNCLASSIFIED

DRAWING SCALE	DRAWING NUMBER	REV
AS SHOWN	C3E020019A630	0

C3E020019A630