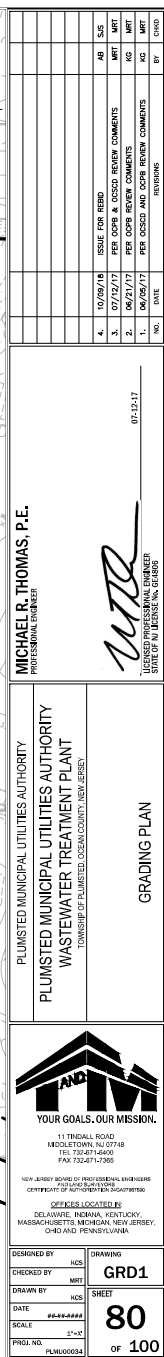




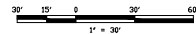
THE CONTRACTOR AWARDED THIS PROJECT IS ADVISED THAT WORK BY ANOTHER CONTRACTOR WILL OCCUR ON THE WWTP PROPERTY SIMULTANEOUSLY WITH THE WORK OF THIS CONTRACT. IT IS THE RESPONSIBILITY OF THE CONTRACTOR AWARDED THIS CONTRACT TO COORDINATE HIS WORK WITH THE WORK OF THE OTHER CONTRACTOR TO AVOID DELAY.

DESIGNED BY	KCS	DRAWING	CSP1
CHECKED BY	MRT		
DRAWN BY	KCS	SHEET	79 OF 100
DATE	00-00-0000		
SCALE	1"=1'		
PROJ. NO.	PLM000034		

CONSTRUCTION SITE PLAN



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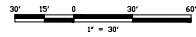
GAS SERVICE LINE	_____ G _____ G _____ G _____
WATER SERVICE LINE	_____ W _____ W _____ W _____
12" PVC PIPE	_____ S _____ S _____ S _____
ELECTRIC SERVICE LINE	_____ E _____ E _____ E _____
TELECOM SERVICE LINE	_____ T _____ T _____ T _____

DESIGNED BY	HCS	DRAWING	UTL1
CHECKED BY	MRT	SHEET	
DRAWN BY	HCS		81
DATE	06-06-2000		OF 10
SCALE	1"=30'		
PROJ. NO.	PLMU0034		

WTR

4.	10/09/18	ISSUE FOR REBID	AB	SJS
3.	07/12/17	PER OCPB & OSCSD REVIEW COMMENTS	MRT	
2.	06/21/17	PER OCPB REVIEW COMMENTS	KG	MRT
1.	06/08/17	PER OSCSD AND OCPB REVIEW COMMENTS	KG	MRT

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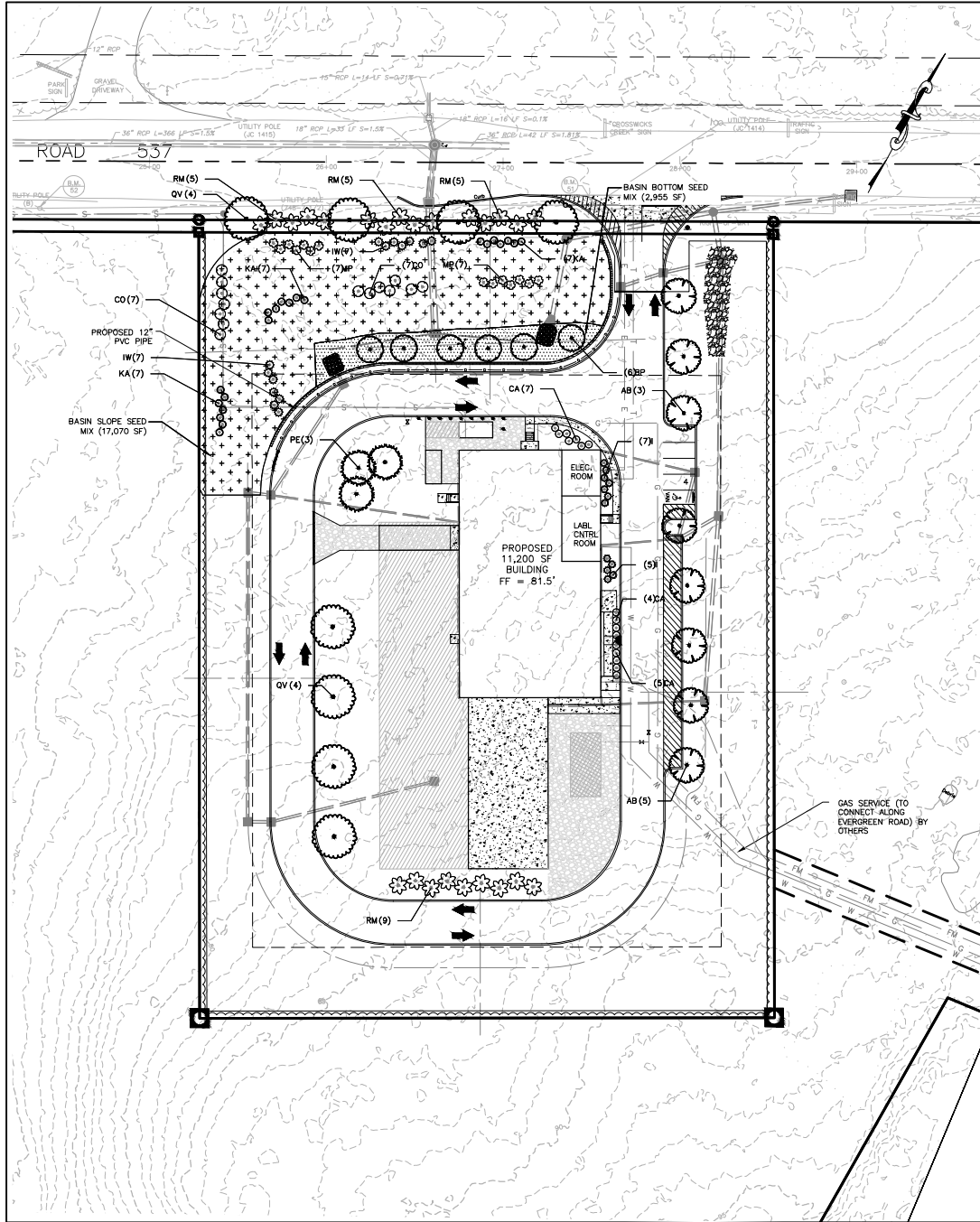


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DESIGNED BY	KCS	DRAWING	DRN1
CHECKED BY	MRT	SHEET	82
DRAWN BY	KCS		OF 100
DATE	##-##-####		
SCALE	1"=3'		
PROJ. NO.	PLMU00034		

PROJECT INFORMATION:
PROJECT NAME: PLUMISTED MUNICIPAL UTILITIES AUTHORITY
FILE NAME: PLUMISTED TREATMENT PLANT
DATE: 10/29/16
LAST SAVE BY: NCS
LAST SAVE DATE: 10/29/16 2:00 PM

DESIGNED BY: NCS
CHECKED BY: NCS
DRAWN BY: NCS
DATE: 10/29/16
SCALE: 1" = 30'
PROJ. NO.: PLUM000084



DECIDUOUS TREES	QTY	BOTANICAL NAME	COMMON NAME	CONT.	CAL.	SIZE	REMARKS
AB	8	ACER RUBRUM 'BOWHALL'	BOWHALL MAPLE	B & B	2.5-3"	CAL.	
BP	8	BETULA POPULIFOLIA	GRAY BIRCH	B & B		8'-10'	
QV	8	QUERCUS VELUTINA	BLACK OAK	B & B	2.5-3"	CAL.	
EVERGREEN TREES	QTY	BOTANICAL NAME	COMMON NAME	CONT.	CAL.	SIZE	REMARKS
PE	3	PRUNUS ECHINATA	SHORT LEAF PINE	B & B		7'-8'	
SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	CONT.	CAL.	SIZE	REMARKS
CA	16	CLETHRA ALNIFOLIA	SUMMERSWEET CLETHRA	CONT.		16"-24"	
II	12	ILEX GLABRA 'COMPACTA'	COMPACT HEDGE	CONT.		16"-24"	
IW	14	ILEX VERTICILLATA	WINTERBERRY	CONT.		24"-30"	PROVIDE MALE & FEMALE PLANTS
KA	21	KALIA ANGUSTIFOLIA	SHEEP LAUREL	CONT.		16"-24"	
MP	14	MYRTICA PENNSYLVANICA	NORTHERN BAYBERRY	CONT.		24"-30"	
RM	24	RHODODENDRON MAXIMUM	ROSE BAY	B & B		3'-4'	

BASIN SLOPE SEED MIXTURE*

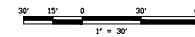
KIND OF SEED	% MIX	APPLICATION RATE POUNDS/ACRE
ANDROPOGON VIRGINICUS	5.00	0.75
ANDROPOGON GERARDII	8.00	1.20
ASCLEPIAS SYRIACA	1.00	0.15
COREOPSIS LANCEOLATA	1.00	0.15
ECHINACEA PURPUREA	9.00	1.35
ELYMUS VIRGINICUS	10.00	1.50
EUPATORIUM PURPUREUM	2.00	0.30
EUPATORIUM COELESTINUM	1.00	0.15
EUTHAMIA GRAMINIFOLIA	1.00	0.15
HELIOPSIS HELIANTHOIDES	8.00	1.20
MONARDA PUNCTATA	8.00	1.20
PANICUM VIRGATUM	10.00	1.50
PENSTEMON DIGITALIS	2.00	0.30
RUBICEKIA HIRTA	15.00	2.25
SCHIZACHYRIUM SCOPARIUM	13.00	1.95
SORGHASTRUM NUTANS	6.00	0.90
		TOTAL 15.00 POUNDS/ACRE

*SEED MIX TO BE PROVIDED BY PINELANDS NURSERY & SUPPLY (OR APPROVED EQUAL)

BASIN BOTTOM SEED MIXTURE*

KIND OF SEED	% MIX	APPLICATION RATE POUNDS/ACRE
CAREX CRINITA	12.00	1.20
CAREX LURIDA	15.00	1.50
CAREX STRICTA	3.00	0.30
CAREX VULPINOIDEA	10.00	1.00
ELYMUS VIRGINICUS	10.00	1.00
GLYCERIA STRIATA	8.00	0.80
IRIS VERSICOLOR	2.00	0.20
JUNCUS EFFUSUS	10.00	1.00
LOBELIA SIPHILITICA	8.00	0.80
SCHOENOPLECTUS ATROVIRENS	2.00	0.20
SCHOENOPLECTUS CYPERINUS	2.00	0.20
SYMPHYOTRICHUM NOVAE-ANGLIAE	3.00	0.30
VERBENA HASTATA	10.00	1.00
VERNONIA NOVEBORACENSIS	5.00	0.50
		TOTAL 10.00 POUNDS/ACRE

*SEED MIX TO BE PROVIDED BY PINELANDS NURSERY & SUPPLY (OR APPROVED EQUAL)



MICHAEL R. THOMAS P.E.
PROFESSIONAL ENGINEER

PLUMISTED MUNICIPAL UTILITIES AUTHORITY
WASTEWATER TREATMENT PLANT
TOWN OF PLUMISTED, COLUMBIANA COUNTY, OHIO

LANDSCAPING PLAN



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DESIGNED BY: NCS
CHECKED BY: NCS
DRAWN BY: NCS
DATE: 10/29/16
SCALE: 1" = 30'
PROJ. NO.: PLUM000084
DRAWING: LSP1
SHEET: 83
OF 100