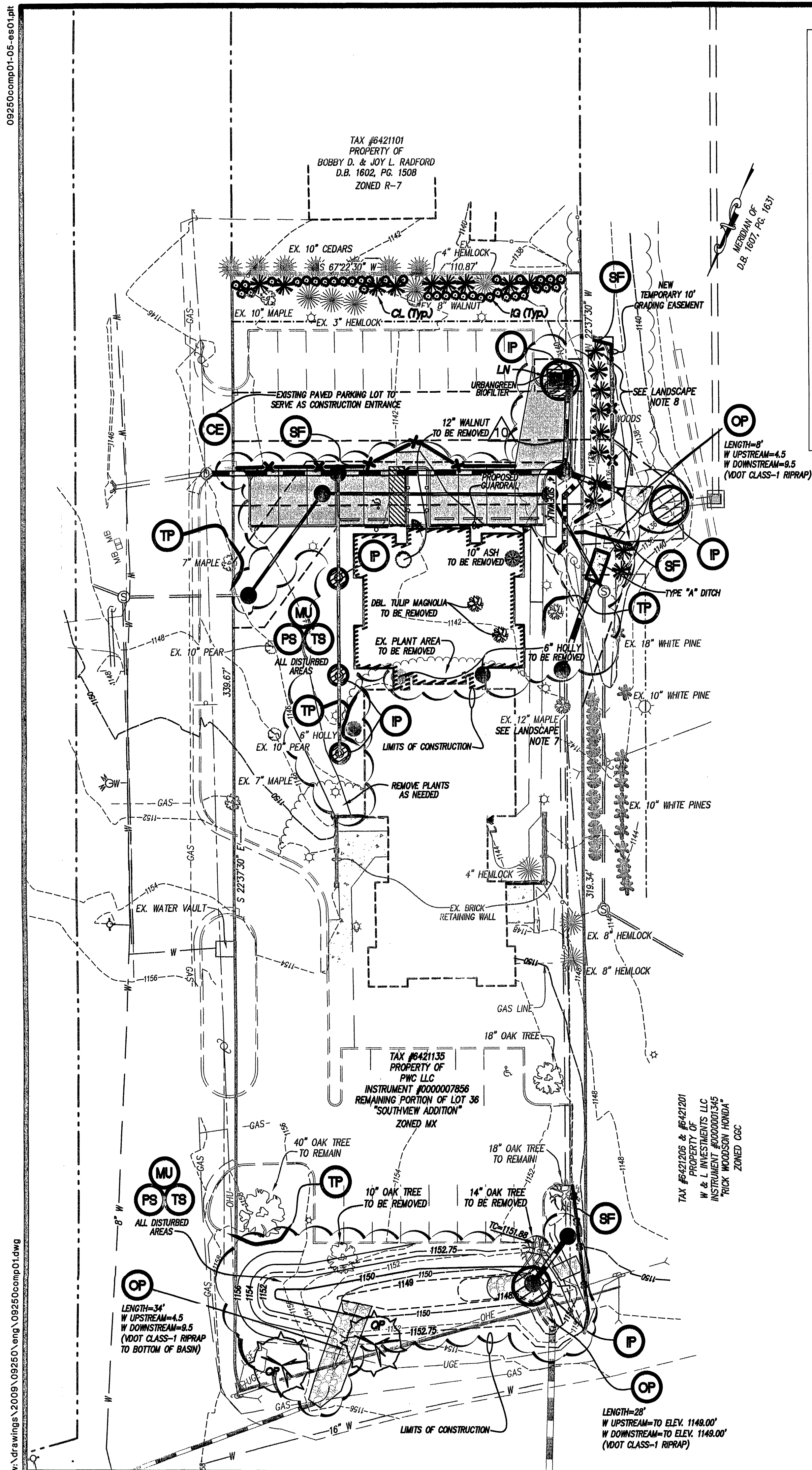




Type No. Excalibur 613
Catalog No. _____
Job Name McNichols Office Bldg. Expansion

600 Wallcube Series

Economy Full-Cutoff Wallpack

APPLICATIONS
• Security lighting for perimeter lighting for industrial and commercial applications.
CONSTRUCTION
• Can be used with or without mounting bracket for surface or recessed installation.
• The paved area has a 1/2" x 1/2" x 1/2" grid pattern.
• Can be used with or without mounting bracket for surface or recessed installation.
OPTICS
• Mounting bracket for surface or recessed installation.
• 1/2" x 1/2" x 1/2" grid pattern.
• Can be used with or without mounting bracket for surface or recessed installation.
ELECTRICAL
• The mounting bracket is designed for 120V AC, 60Hz, 15A, 120W.
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MOUNTING
• Can be used with or without mounting bracket for surface or recessed installation.
• The mounting bracket is designed for 120V AC, 60Hz, 15A, 120W.
• The mounting bracket is designed for 120V AC, 60Hz, 15A, 120W.

WARRANTY/LISTINGS

Rear of building will use (2) Excalibur 613-120-15A-1-1 fixture
Side entrance will use (2) Excalibur 613-120-15A-1-1 fixture

Ordering Guide Example: 120VAC/15A/1-1

Fixture	Line Volt	Ballast	Mounting	Color	Beam	Notes	Notes
1	120V	1	1	1	1	1	1
2	120V	1	1	1	1	1	1
3	120V	1	1	1	1	1	1
4	120V	1	1	1	1	1	1
5	120V	1	1	1	1	1	1
6	120V	1	1	1	1	1	1
7	120V	1	1	1	1	1	1
8	120V	1	1	1	1	1	1
9	120V	1	1	1	1	1	1
10	120V	1	1	1	1	1	1

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CANOPY COVERAGE:

SITE AREA: 37,015 SF (0.850 AC.)
CANOPY COVERAGE REQUIRED (10%): 3,702 SF
EXISTING CANOPY COVERAGE:
1 - 6" PIN OAK: 254 SF X 2 = 508 SF
2 - 10" PIN OAK: 254 SF X 2 X 3 = 1,524 SF
1 - 10" MAPLE: 314 SF X 2 = 628 SF
5 - 3 1/4" HEMLOCK: 113 SF X 5 = 565 SF
2 - 8" HEMLOCK: 113 SF X 2 X 2 = 452 SF
2 - 10" PEAR: 177 SF X 2 X 3 = 1,062 SF
1 - 8" BLACK WALNUT: 254 SF X 2 = 508 SF
1 - 5" CRABAPPLE: 113 SF
1 - 12" WHITE PINE: 177 SF X 4 = 708 SF
TOTAL EXISTING CANOPY WITH PRESERVATION CREDITS: 6,382 SF
EXISTING CANOPY TO BE PRESERVED EXCEEDS MINIMUM CANOPY REQUIRED

LANDSCAPE NOTES:

- ALL TREE MATERIALS SHALL MEET THE MINIMUM REQUIREMENTS AS DESCRIBED IN THE MOST RECENT EDITION OF THE AMERICAN STANDARD FOR NURSERY STOCK, ANSI Z601, AS PUBLISHED BY THE AMERICAN NURSERY AND LANDSCAPE ASSOCIATION.
- ALL SHRUB MATERIALS SHALL MEET THE MINIMUM REQUIREMENTS AS DESCRIBED IN THE MOST RECENT EDITION OF THE AMERICAN STANDARD FOR NURSERY STOCK, ANSI Z601, AS PUBLISHED BY THE AMERICAN NURSERY AND LANDSCAPE ASSOCIATION. SHRUB MATERIALS SHALL BE WELL-ROOTED AND A MINIMUM OF 3-GALLON CONTAINER SIZE.
- THE PLANTING OF TREES AND SHRUBS SHALL BE DONE IN ACCORDANCE WITH THE STANDARDIZED LANDSCAPE SPECIFICATIONS JOINTLY ADOPTED BY THE VA NURSERYMEN'S ASSOCIATION, THE VA SOCIETY OF LANDSCAPE DESIGNERS AND THE VA CHAPTER OF THE ASLA.
- AT THE TIME OF DELIVERY, ALL PLANT MATERIALS NOT IMMEDIATELY PLACED IN THEIR FINAL PLANTING LOCATION MUST BE STORED IN A SHADED LOCATION WITH ADEQUATE AIR CIRCULATION, AND BE KEPT MOIST.
- THIS PLAN IS TO SATISFY THE MINIMUM REQUIREMENTS OF THE CITY OF ROANOKE ZONING ORDINANCE. THE DEVELOPER MAY INCREASE PLANTING DENSITY BEYOND THE MINIMUM REQUIREMENTS.
- EXISTING TREES FULLFILL STREET YARD TREE REQUIREMENTS.
- PROTECT EXISTING MAPLE AS COMPLETELY AS POSSIBLE FOR INSTALLATION OF NEW SDMH. REMOVE TREE IF NECESSARY OR IF MORE THAN 25% OF THE ROOT SYSTEM IS DAMAGED.
- REMOVE EXISTING SCRUB VEGETATION, CONSISTING PRIMARILY OF BIRCH AND MULBERRY, TO THE GROUND AS NECESSARY WITHIN TEMPORARY GRADING EASEMENT FOR SANITARY AND STORM DRAIN IMPROVEMENTS. INSTALL NEW LEYLAND CYPRESS AS SHOWN ON PLAN FOLLOWING COMPLETION OF CONSTRUCTION ACTIVITIES.

LANDSCAPE MATERIALS

SYMBOL & KEY	SCIENTIFIC NAME	COMMON NAME	SIZE	CONTAINER	QUANTITY	CANOPY	TOTAL CANOPY
CL	x Cupressocyparis leylandii	LEYLAND CYPRESS	5' MIN.	B&B	19	113	1,017*
OP	Quercus palustris	PIN OAK	2" CAL.	B&B	2	254	508
IG	Ilex glabra	INKBERRY	18" MIN.	#3 MIN.	37	-	-
LN	Lagerstroemia x 'Natchez'	'NATCHEZ' CREPEMYRTLE	5' MIN.	#7 / B&B	1	-	-
						TOTAL CANOPY	1,525

*CANOPY NOTE: 10 LEYLAND CYPRESS ARE LOCATED ON ADJACENT PROPERTY AND DO NOT APPLY TO CANOPY CALCULATION FOR THIS PROJECT

LUMSDEN ASSOCIATES, P.C.
ENGINEERS-SURVEYORS-PLANNERS
ROANOKE, VIRGINIA

Thomas C. Dale
Lic. No. 033002
Professional Engineer

EROSION & SEDIMENT
CONTROL &
LANDSCAPE PLAN

McNICHOLS OFFICE BUILDING EXPANSION
SITUATED AT 3333 PETERS CREEK RD. NW
CITY OF ROANOKE, VIRGINIA
PREPARED FOR
PWC, LLC

REVISIONS	DESCRIPTION	DATE
1		
2		
3		
4		
5		

DATE: June 18, 2010
SCALE: 1" = 20'
COMMISSION NO: 09-250
SHEET 5 OF 6

APPROVED
JUN 29 2010