SITE INFORMATION

PARCEL ID:	R06500-003-004-000
CURRENT ZONING:	RB-CD & O&I -1-CD
PROPOSED USE:	MIXED USE
TOTAL SITE AREA:	34.98 ACRES
OWNER INFORMATION:	BARCLAY COMMONS RETAIL, LLC. 2508 INDEPENDENCE BLVD. SUITE 202 WILMINGTON, NC

LANDSCAPE NOTES:

1. CONTRACTOR IS RESPONSIBLE FOR IDENTIFYING ALL UTILITIES PRIOR TO BEGINNING CONSTRUCTION.
2. TREES SHALL BE LOCATED A MINIMUM OF 5 FEET FROM SEWER/WATER CONNECTIONS OR AS OTHERWISE DICTATED BY LOCAL REGULATIONS. CONTRACTOR SHALL BE LIABLE FOR DAMAGE TO ANY AND ALL PUBLIC OR PRIVATE UTILITIES.
3. STAKE ALL TREES AS SHOWN IN DETAIL OR AS OTHERWISE DIRECTED BY OWNER OR OWNER'S REPRESENTATIVE.
4. ALL PLANT MATERIAL SHALL MEET THE CURRENT VERSION OF THE AMERICAN ASSOCIATION OF NURSERYMEN'S STANDARDS.
5. NO EXISTING TREES SHALL BE REMOVED WITHOUT WRITTEN AUTHORIZATION FROM THE LANDSCAPE ARCHITECT OR OWNER'S REPRESENTATIVE.
6. SET ALL TREES IN 5' MINIMUM DIAMETER PINE STRAW MULCH BED.
7. ALL SHRUB BEDS AND/OR PLANTING AREAS EXCLUDING SEEDED AREAS SHALL BE MULCHED WITH 3 INCH MINIMUM AND 4 INCH MAXIMUM DEPTH PINE STRAW MULCH UNLESS OTHERWISE NOTED.
8. PLANTING SOIL MIX: MIX EXISTING SOIL WITH THE SOIL AMENDMENTS AND FERTILIZERS IN THE QUANTITIES RECOMMENDED BY THE SOIL TESTING LABORATORY, THIRD PARTY RECOGNIZED BY THE STATE DEPARTMENT OF AGRICULTURE OR AS OTHERWISE APPROVED BY THE LANDSCAPE ARCHITECT OR OWNER'S REPRESENTATIVE.
9. ANY AND ALL SUBSTITUTIONS OF PLANT MATERIAL SHALL BE APPROVED BY LANDSCAPE ARCHITECT OR OWNER'S REPRESENTATIVE. FAILURE IN OBTAINING APPROVAL MAY RESULT IN LIABILITY TO THE CONTRACTOR.
10. THE CONTRACTOR SHALL REPLACE DEAD AND/OR UNHEALTHY PLANT MATERIAL WITHIN 12 MONTHS OF ACCEPTANCE OF THE INSTALLED MATERIAL FROM THE OWNER OR OWNER'S REPRESENTATIVE.
11. THE CONTRACTOR SHALL PREPARE ALL SEEDED AREAS TO ASSURE THAT THE SUBGRADE HAS BEEN RAKED AND ROLLED TO ACCEPT THE SEED. ALL TURF AREAS MUST BE IRRIGATED OR HAND WATERED. ALL TURF AREAS SHOULD PROVIDE A SMOOTH SURFACE FREE OF DIPS AND UNLEVELED GROUND. REFERENCE PLANT SCHEDULE FOR TURF SELECTION.
12. IRRIGATION SHALL BE DESIGNED AND INSTALLED BY A LICENSED IRRIGATION CONTRACTOR IN THE STATE OF NORTH CAROLINA.
13. THE CONTRACTOR IS RESPONSIBLE FOR HAND WATERING THE INSTALLED PLANT MATERIAL FOR A PERIOD OF 6 MONTHS FROM THE ACCEPTANCE FROM THE OWNER OR OWNER'S REPRESENTATIVE IF IRRIGATION HAS NOT BEEN INSTALLED. ALL MATERIAL INCLUDING TURF AREAS SHALL BE HAND WATERED ONCE WEEKLY OR AS NEEDED TO ENSURE SURVIVAL OF PLANTS.
14. CONTRACTOR IS RESPONSIBLE FOR REMOVING TRASH, DEBRIS AND EXCESS MATERIALS FROM THE JOB SITE ONCE THE PROJECT IS COMPLETE. SECURING ANY MATERIALS LEFT ON SITE DURING THE COURSE OF THE PROJECT IS THE CONTRACTOR'S RESPONSIBILITY.
15. STREET TREES WILL BE PLANTED AS CLOSE TO CITY REGULATIONS AS POSSIBLE; HOWEVER, SITE CONDITIONS INCLUDING THE LOCATIONS OF DRIVEWAYS, SIGNS, ETC. MAY REQUIRE ADJUSTMENT FROM PROPOSED PLAN. PROPOSED POND BANK STABILIZATION WILL INCLUDE ORNAMENTAL GRASSES FROM TOP OF BANK TO WATER LEVEL AND WILL COMPLY WITH CITY STANDARD SD 15-16.
16. ALL PROPOSED VEGETATION WITHIN SIGHT DISTANCE TRIANGLES SHALL NOT INTERFERE WITH CLEAR VISUAL SIGHT LINES FROM 30" - 10' IN ACCORDANCE WITH SECTION 18-556 OF THE CITY OF WILMINGTON LAND DEVELOPMENT CODE.
17. IN CASES WHERE SIGHT DISTANCE TRIANGLES INTERFERE WITH OTHER REQUIRED BUFFER OR PLANTING AREAS, THE SIGHT DISTANCE TRIANGLE WAS MAINTAINED AND PLANTINGS WERE ADJUSTED TO ALLOW FOR PROPER SIGHT LINES.
18. AUTOMATIC IRRIGATION SYSTEM TO BE PROVIDED BY OWNER.
19. ALL TREE LOCATIONS WILL BE ADJUSTED AS NEEDED WITH LIGHT LOCATIONS.
20. TREES SHALL BE PLANTED NO LESS THAN 5' FROM SEWER AND WATER LINES.

PLANT SCHEDULE

Key	Qty	Common Name	Size & Specs.
Trees			
CA	12	Crab Apple 'Prairie Fire'	14' - 16' hgt. min.
CMT	20	Crape Myrtle 'Tuscarora'	8' - 10' hgt.; multi-stem
CP	55	Chinese Pistache	3" cal. min.
JZ	43	Japanese Zelkova 'Green Vase'	3" cal. min.
LBE	53	Lace Bark Elm	3" cal. min.
LP	11	Long Leaf Pine	mix 6', 8', 10' hgt.
NUT	124	Nuttall Oak	3" cal. min.
SCO	59	Scarlet Oak	3" cal. min.
SHO	50	Shumard Oak	3" cal. min.
WM	6	Wax Myrtle	12' hgt; tree form
Shrubs			
DGFP	322	Dwarf Gardenia 'Frost Proof'	7 gal.; 12" hgt. min.; see plan for spacing
DGJ	250	Dwarf Gardenia 'Jubilation'	3 gal.; 12" hgt. min.; 3' o.c.
DYH	191	Dwarf Yaupon Holly	3 gal.; 12" hgt. min.; 3' o.c.
LOR	471	Loropetalum 'Ruby'	7 gal.; 12" hgt. min.; 5' o.c.
LORE	68	Loropetalum 'Ever Red'	3 gal.; 12" hgt. min.; 4' o.c.
PIT	91	Pittosporum 'Louisiana Green'	7 gal.; 12" hgt. min.; 3' o.c.
PITV	42	Varigated Pittosporum	7 gal.; 12" hgt. min.; 3' o.c.
RH	25	Oakleaf Red Holly	8' hgt.; 8' o.c.
SPA	48	Spirea Double Play Artist 'Galen'	3 gal.; 12" hgt. min.; 3' o.c.
VIB	19	Chindo Viburnum	6' - 8' hgt.; 6' o.c.
WM	6	Wax Myrtle	6' hgt.; 8' o.c.; full to ground
Grasses			
AD	38	Miscanthus 'Adagio'	3 gal.
FG	72	Pennisetum 'Karley Rose'	3 gal.
MG	152	Pink Muhly Grass	3 gal.
Turf			
		Centepede Seed	Seed all disturbed areas and areas outside of plantbeds; contractor to verify seed or sod selection prior to purchase and installation
Mulch			
		Pine Straw Mulch	Apply at 3" depth min. and 4" depth max

Notes: Hydroseed all ditch banks and areas greater than 3:1 slope.

Landscape Calculations

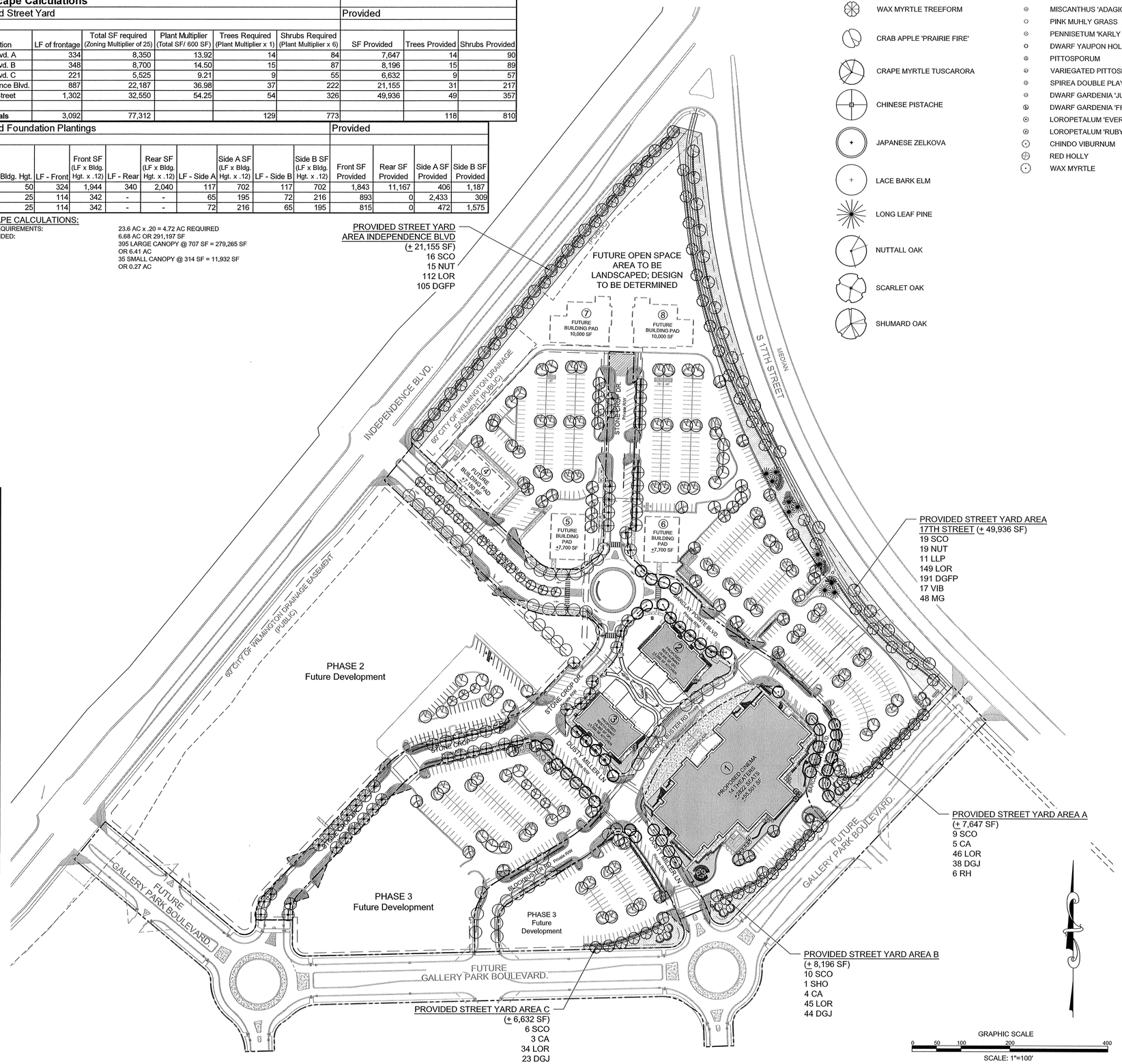
Required Street Yard						Provided		
Phase 1								
Location	LF of frontage	Total SF required (Zoning Multiplier of 25)	Plant Multiplier (Total SF/ 600 SF)	Trees Required (Plant Multiplier x 1)	Shrubs Required (Plant Multiplier x 6)	SF Provided	Trees Provided	Shrubs Provided
GP Blvd. A	334	8,350	13.92	14	84	7,647	14	90
GP Blvd. B	348	8,700	14.50	15	87	8,196	15	89
GP Blvd. C	221	5,525	9.21	9	55	6,632	9	57
Independence Blvd.	887	22,187	36.98	37	222	21,155	31	217
17th Street	1,302	32,550	54.25	54	326	49,936	49	357
Totals	3,092	77,312		129	773		118	810

Required Foundation Plantings										Provided			
Phase 1													
Location	Bldg. Hgt.	LF - Front	Front SF (LF x Bldg. Hgt. x .12)	LF - Rear	Rear SF (LF x Bldg. Hgt. x .12)	LF - Side A	Side A SF (LF x Bldg. Hgt. x .12)	LF - Side B	Side B SF (LF x Bldg. Hgt. x .12)	Front SF Provided	Rear SF Provided	Side A SF Provided	Side B SF Provided
Cinema	50	324	1,944	340	2,040	117	702	117	702	1,843	11,167	406	1,187
Building 2	25	114	342	-	-	65	195	72	216	893	0	2,433	309
Building 3	25	114	342	-	-	72	216	65	195	815	0	472	1,575

LANDSCAPE CALCULATIONS:

SHADING REQUIREMENTS: 23.6 AC x .20 = 4.72 AC REQUIRED

PROVIDED: 6.68 AC OR 291,197 SF
395 LARGE CANOPY @ 707 SF = 279,265 SF
OR 6.41 AC
35 SMALL CANOPY @ 314 SF = 11,932 SF
OR 0.27 AC



LEGEND

- WAX MYRTLE TREEFORM
- CRAB APPLE 'PRAIRIE FIRE'
- CRAPE MYRTLE TUSCARORA
- CHINESE PISTACHE
- JAPANESE ZELKOVA
- LACE BARK ELM
- LONG LEAF PINE
- NUTTALL OAK
- SCARLET OAK
- SHUMARD OAK
- MISCANTHUS 'ADAGIO'
- PINK MUHLY GRASS
- PENNISETUM 'KARLY ROSE'
- DWARF YAUPON HOLLY
- PITTOSPORUM
- VARIEGATED PITTOSPORUM
- SPIREA DOUBLE PLAY ARTIST 'GALEN'
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- DWARF GARDENIA 'FROST PROOF'
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- LOROPETALUM 'RUBY'
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- RED HOLLY
- WAX MYRTLE

FINAL DESIGN - NOT RELEASED FOR CONSTRUCTION

REVISIONS:
- REVISED PER CITY OF WILMINGTON COMMENTS DATED: 12/14/15 — 12/18/15
- REVISED PER CITY OF WILMINGTON COMMENTS DATED: 1/8/16 — 1/28/16

CLIENT INFORMATION:
Barclay Commons Retail, LLC.
2508 Independence Blvd. Suite 202
Wilmington, NC

PARAMOUNTE ENGINEERING, INC.
5911 Oleander Drive, Suite 201
Wilmington, North Carolina 28403
(910) 791-6707 (O) (910) 791-6760 (F)
NC License #: C-2846

OVERALL LANDSCAPE PLAN

THE POINTE AT BARCLAY
'BARCLAY WEST TRACT B'
CITY OF WILMINGTON
NORTH CAROLINA

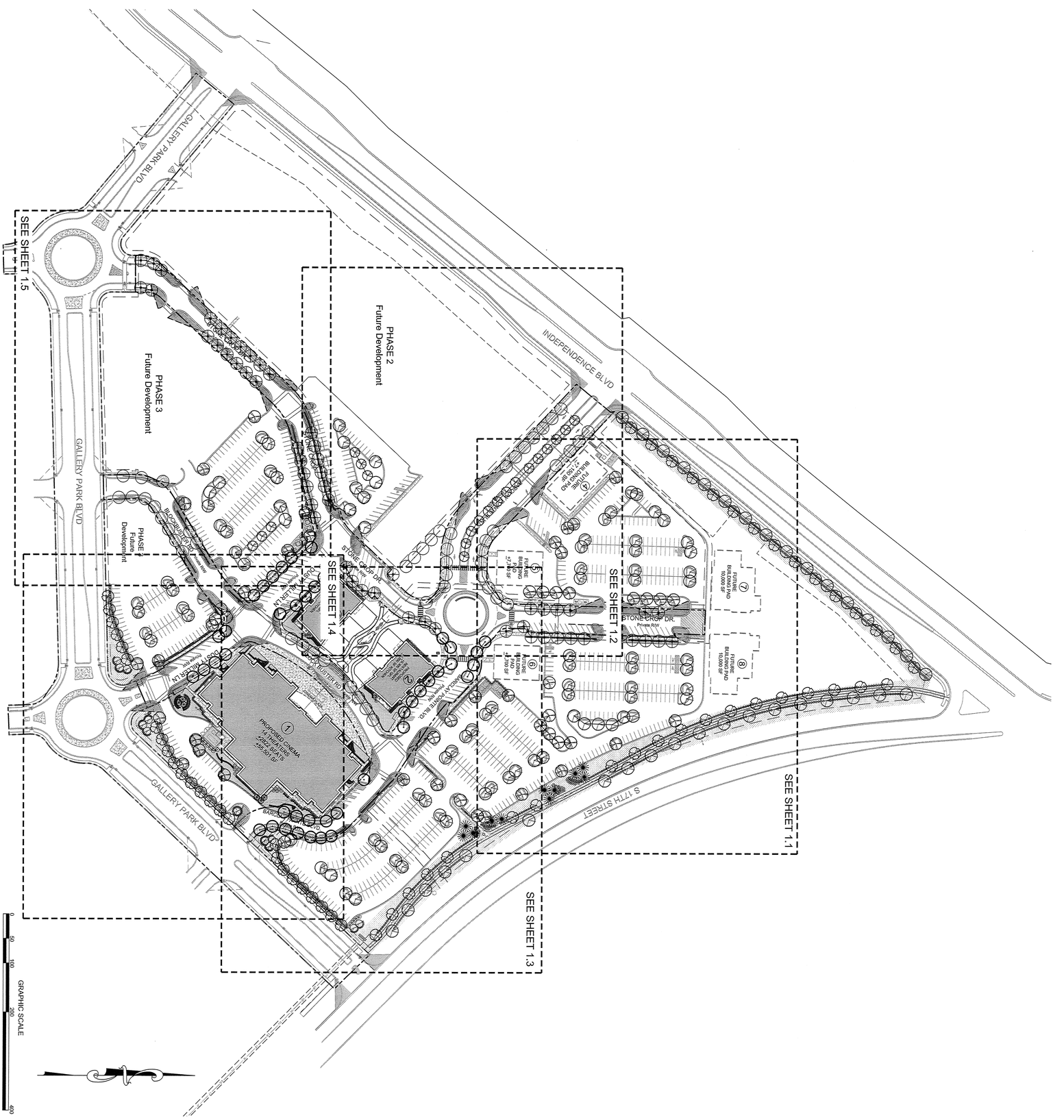
PROJECT STATUS
CONCEPTUAL LAYOUT:
PRELIMINARY LAYOUT:
ADDENDUM:
RELEASED FOR CONST:

DRAWING INFORMATION
DATE: 12/7/15
SCALE: 1"=100'
DESIGNED: DWW
DRAWN: DWW
CHECKED: AHE

SEAL
NORTH CAROLINA REGISTERED LANDSCAPE ARCHITECT 1823 SARAH H. ENGEBRETSON
1/28/16

L-1.0

PEI JOB#: 14222.PE



FINAL DESIGN - NOT RELEASED FOR CONSTRUCTION

INDEX

PEI JOB#: 14222-PE

SEAL

PROJECT STATUS
CONCEPTUAL LAYOUT:
PRELIMINARY LAYOUT:
FINAL DESIGN:
RELEASED FOR CONST:

DRAWING INFORMATION
DATE: 12/1/15
SCALE: 1" = 100'
DESIGNED: DHW
DRAWN: JGM
CHECKED: AHE

SITE PLAN
INDEX SHEET
THE POINTE AT BARCLAY
'BARCLAY WEST TRACT B'
CITY OF WILMINGTON
NORTH CAROLINA

PARAMOUNTE
ENGINEERING, INC.
5911 Oleander Drive, Suite 201
Wilmington, North Carolina 28403
(910) 791-6707 (O) (910) 791-6760 (F)
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CLIENT INFORMATION:

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Wilmington, NC

REVISIONS:

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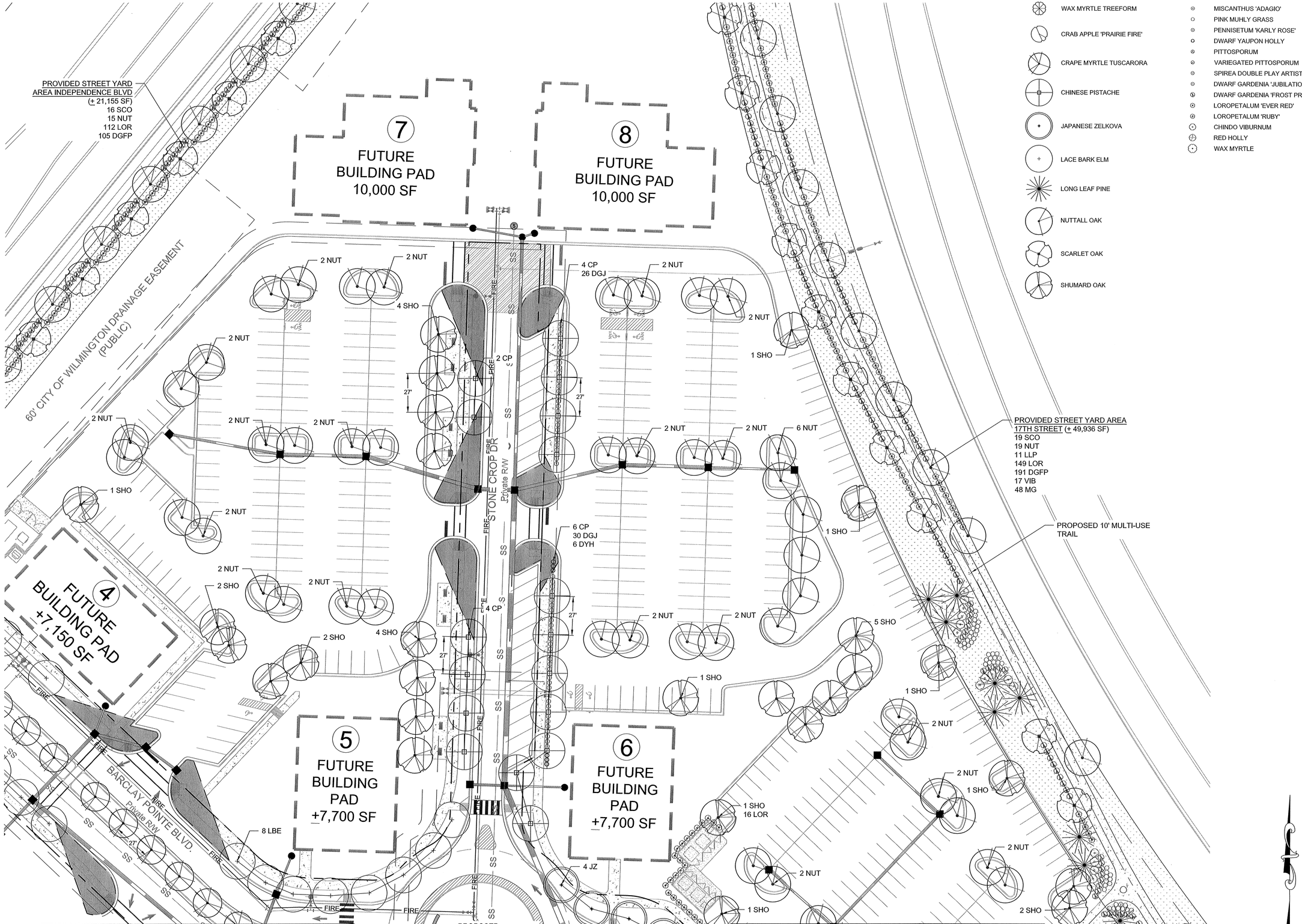
REVISED PER CITY OF WILMINGTON COMMENTS DATED 1/8/16	1/28/16



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REVISED PER CITY OF WILMINGTON COMMENTS DATED 1/8/16 1/28/16

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LANDSCAPE PLAN
THE POINTE AT BARCLAY
'BARCLAY WEST TRACT B'
CITY OF WILMINGTON
NORTH CAROLINA

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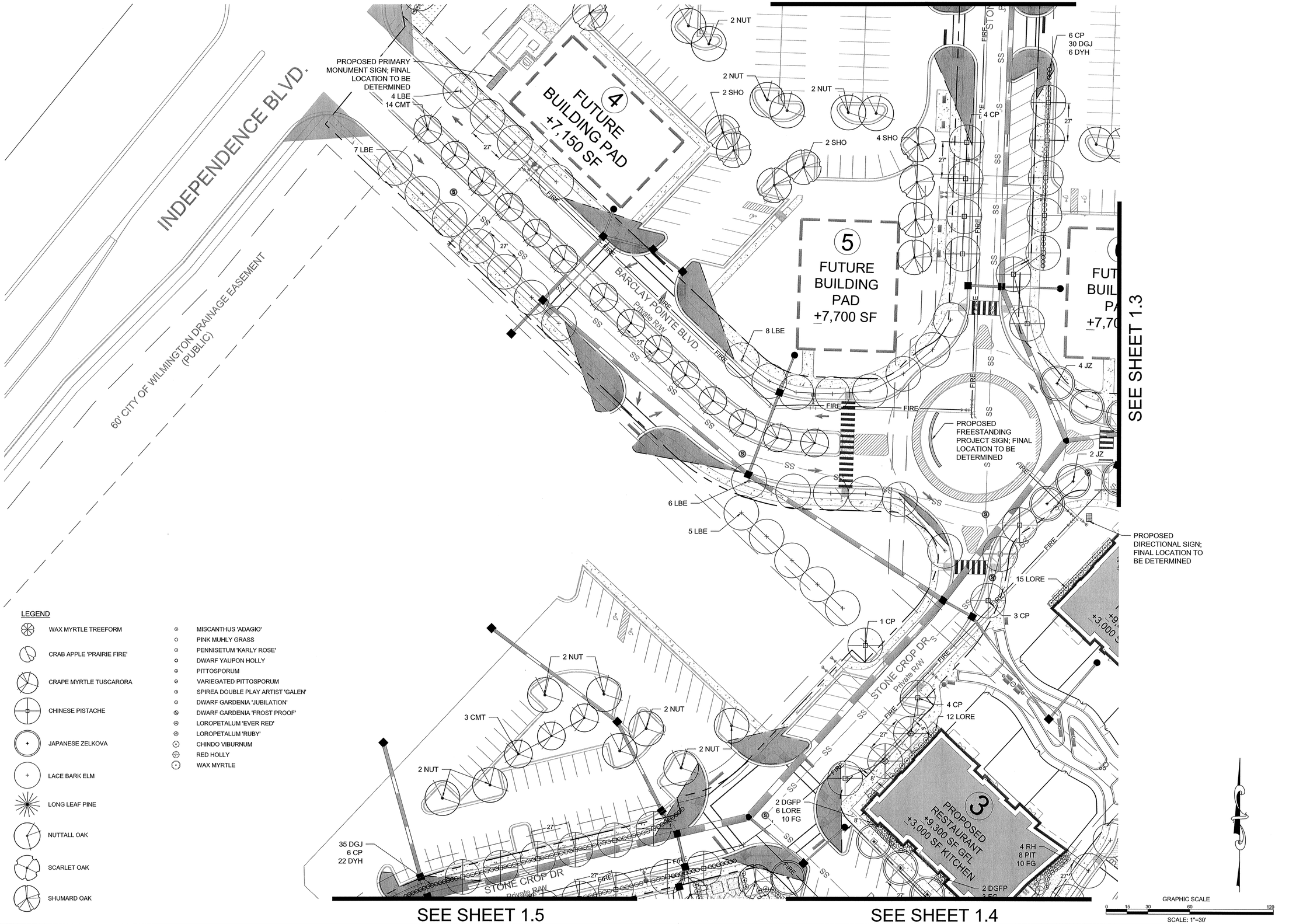
RELEASED FOR CONST:

DRAWING INFORMATION
DATE: 12/1/15
SCALE: 1" = 30'
DESIGNED: DHW
DRAWN: JCM
CHECKED: AHE

SEAL
NORTH CAROLINA PROFESSIONAL LANDSCAPE ARCHITECT 1823 JOHN H. ENGERRETSON
1/28/16

L-1.1

PEI JOB#: 14222.PE



LEGEND

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LANDSCAPE PLAN

THE POINTE AT BARCLAY
BARCLAY WEST TRACT B'
CITY OF WILMINGTON
NORTH CAROLINA

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- CONCEPTUAL LAYOUT:
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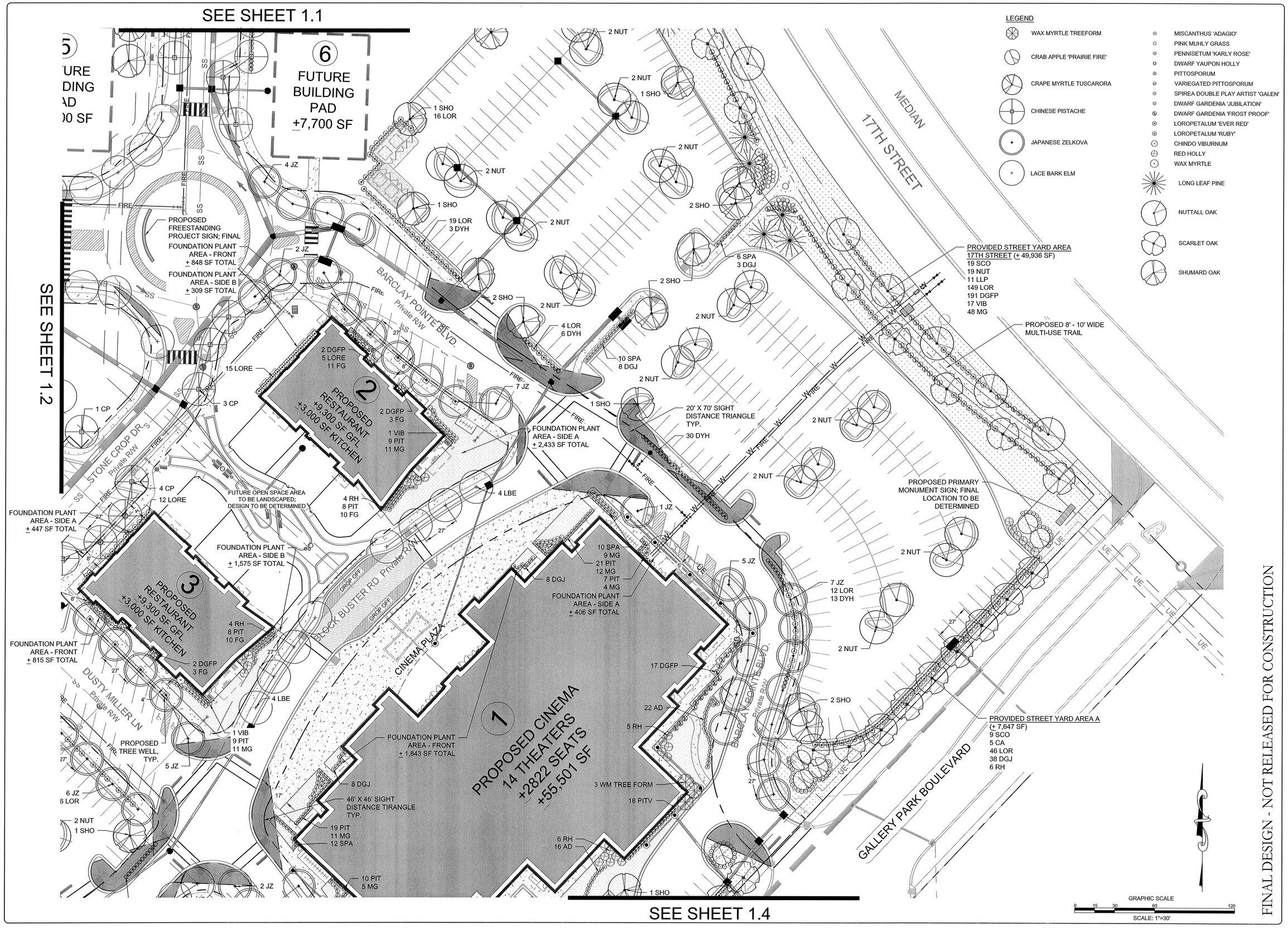
DRAWING INFORMATION
- DATE: 12/1/15
- SCALE: 1"=30'
- DESIGNED: PMW
- DRAWN: JDM
- CHECKED: AHE

SEAL
NORTH CAROLINA REGISTERED 1823 LANDSCAPE ARCHITECT
1/28/16

L-1.2

PEI JOB#: 14222.PE



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LANDSCAPE PLAN
THE POINTE AT BARCLAY
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CITY OF WILMINGTON
NORTH CAROLINA

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CHECKED: AHE

SEAL
NORTH CAROLINA PROFESSIONAL ENGINEER 1823 REGISTERED PROFESSIONAL ENGINEER
1/28/16

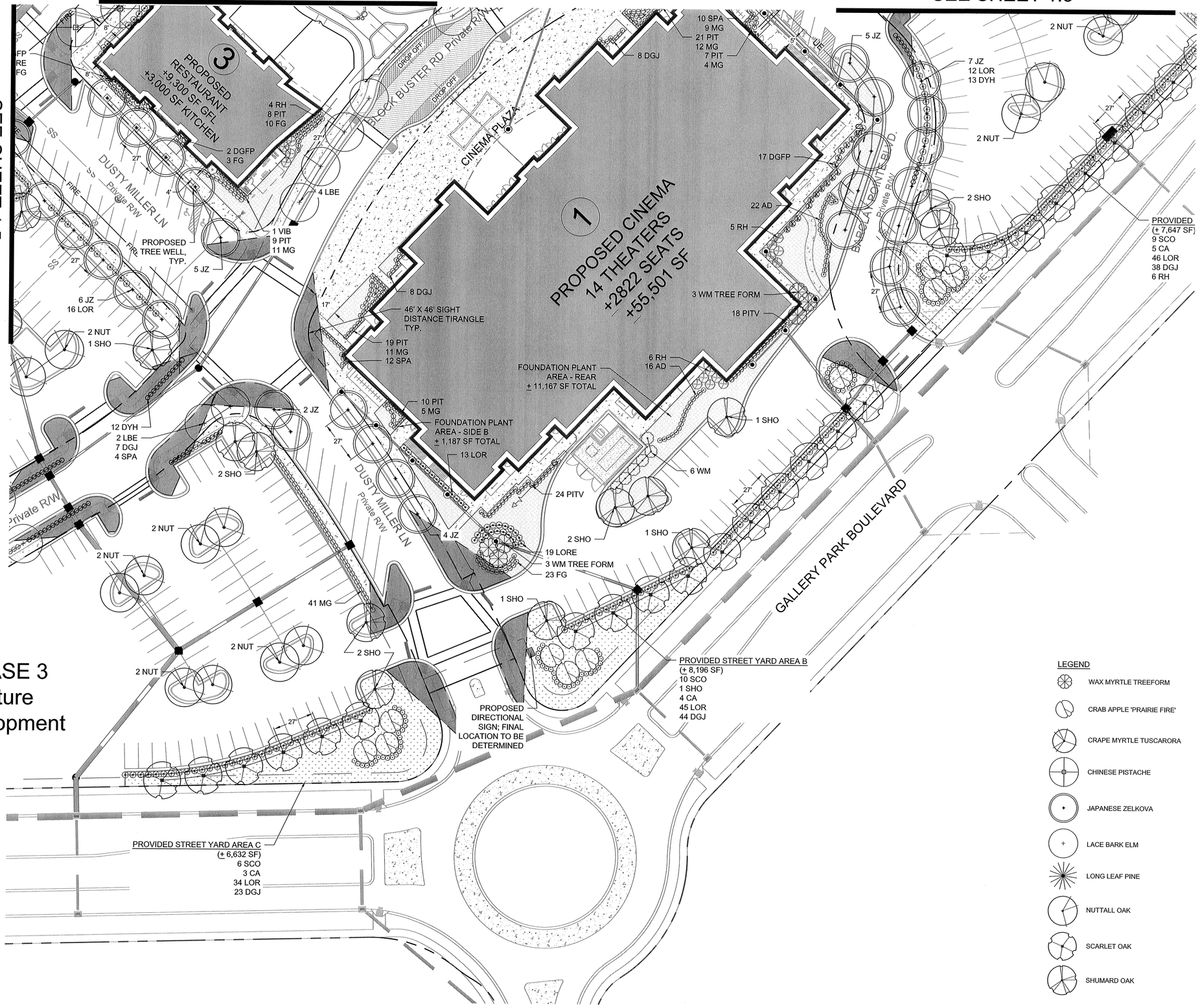
L-1.3

PEI JOB#: 14222.PE

SEE SHEET 1.2

SEE SHEET 1.3

SEE SHEET 1.5



PHASE 3
Future
Development

LEGEND

- WAX MYRTLE TREEFORM
- CRAB APPLE 'PRAIRIE FIRE'
- CRAPE MYRTLE TUSCARORA
- CHINESE PISTACHE
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- LOROPETALUM 'RUBY'
- CHINDO VIBURNUM
- RED HOLLY
- WAX MYRTLE

GRAPHIC SCALE
0 15 30 60 120
SCALE: 1"=30'

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REVISED PER CITY OF WILMINGTON COMMENTS DATED 1/18/16 — 1/29/16

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2508 Independence Blvd. Suite 202
Wilmington, NC

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NC License #: C-2846

LANDSCAPE PLAN
THE POINTE AT BARCLAY
'BARCLAY WEST TRACT B'
CITY OF WILMINGTON
NORTH CAROLINA

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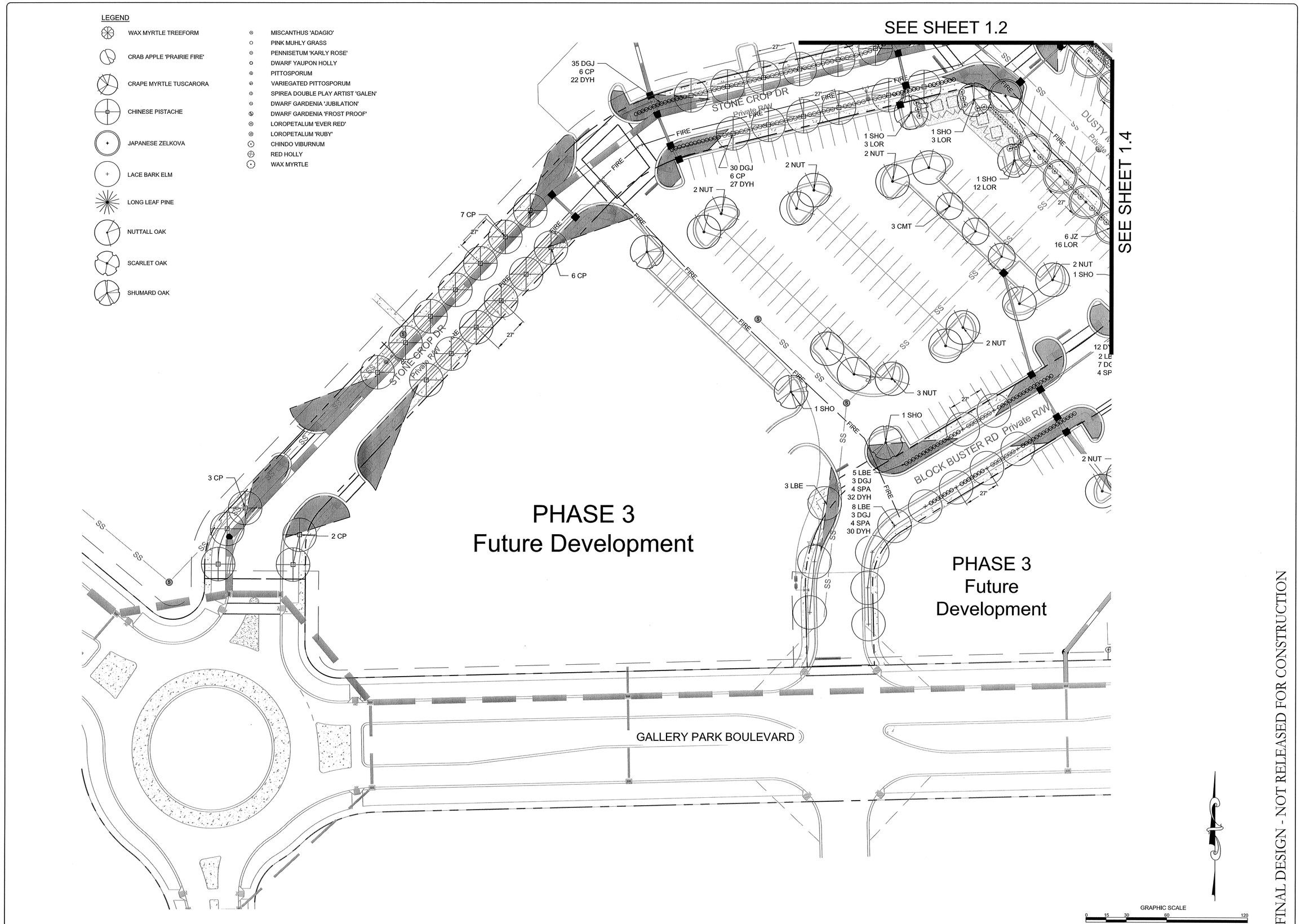
RELEASED FOR CONST:

DRAWING INFORMATION
DATE: 12/1/15
SCALE: 1" = 30'
DESIGNED: DJM
DRAWN: DJM
CHECKED: AHE

SEAL
NORTH CAROLINA REGISTERED LANDSCAPE ARCHITECT 1823 ISON H. EMBERTSON
1/29/16

L-1.4

PEI JOB#: 14222.PE



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REVISED PER CITY OF WILMINGTON COMMENTS DATED 1/8/16 1/28/16

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LANDSCAPE PLAN
THE POINTE AT BARCLAY
'BARCLAY WEST TRACT B'
CITY OF WILMINGTON
NORTH CAROLINA

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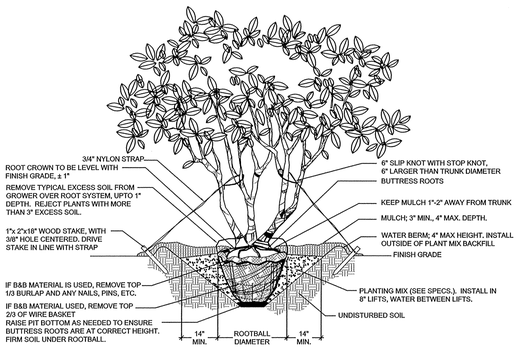
CHECKED: AHE

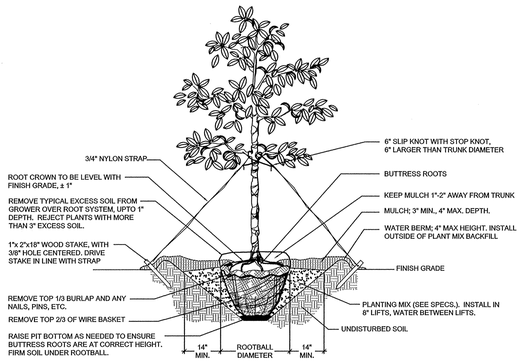
SEAL
NORTH CAROLINA REGISTERED LANDSCAPE ARCHITECT 1823 HUGH H. ENGLEBRETSON
1/28/16

L-1.5

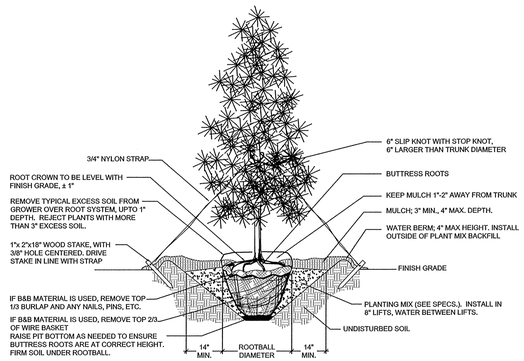
PEI JOB#: 14222.PE



A MULTI-STEM TREE INSTALLATION DETAIL
NTS



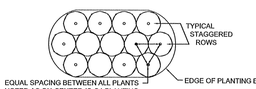
B SINGLE STEM TREE INSTALLATION DETAIL
NTS



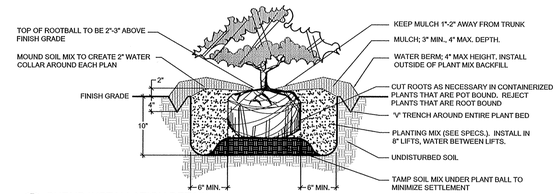
C EVERGREEN TREE INSTALLATION DETAIL
NTS

NOTES:

1. OMIT COLLAR AROUND EACH SHRUB WHEN IRRIGATION SYSTEM IS PRESENT.
2. INSTALL TOP OF PLANT BALL 2" ABOVE ADJACENT GRADE
3. TAMP PLANT SOIL MIX FIRMLY IN 8" LIFTS AROUND PLANT BALL
4. SOAK PLANT BALL AND PIT IMMEDIATELY AFTER INSTALLATION.



TYPICAL PLANTING BED LAYOUT



D SHRUB INSTALLATION DETAIL
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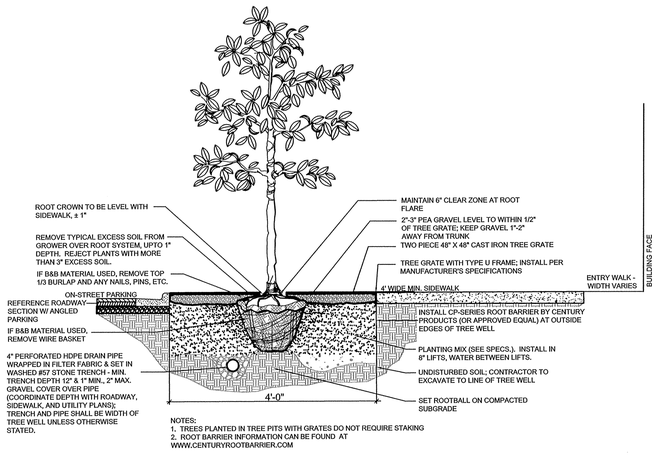
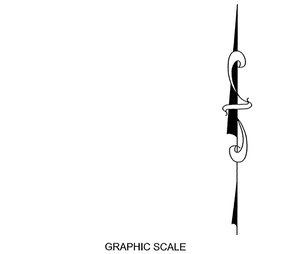


NOTES:
1. TREES PLANTED IN TREE PITS WITH GRATES DO NOT REQUIRE STAKING
2. ROOT BARRIER INFORMATION CAN BE FOUND AT WWW.CENTURYROOTBARRIER.COM

E TREE INSTALLATION DETAIL FOR TREE WELL ADJACENT TO ON-STREET PARKING
NTS



FINAL DESIGN - NOT RELEASED FOR CONSTRUCTION

REVISIONS:

REVISED PER CITY OF WILMINGTON COMMENTS DATED: 12/14/15	12/18/15
REVISED PER CITY OF WILMINGTON COMMENTS DATED: 1/8/16	1/28/16

CLIENT INFORMATION:

Barclay Commons Retail, LLC.
2508 Independence Blvd. Suite 202
Wilmington, NC

PARAMOUNTE ENGINEERING
5911 Oleander Drive, Suite 201
Wilmington, North Carolina 28403
(910) 791-6707 (O) (910) 791-6760 (F)
NC License #: C-2846

LANDSCAPE PLAN
DETAILS
THE POINTE AT BARCLAY
'BARCLAY WEST TRACT B'
CITY OF WILMINGTON
NORTH CAROLINA

PROJECT STATUS
CONCEPTUAL LAYOUT:
PRELIMINARY LAYOUT:
FINAL DESIGN:
RELEASED FOR CONST.:

DRAWING INFORMATION
DATE: 12/7/15
SCALE: 1" = 30'
DESIGNED: DHW
DRAWN: AHE
CHECKED: AHE

SEAL
NORTH CAROLINA REGISTERED LANDSCAPE ARCHITECT 1823 DAWN H. ENGLEHARDT
1/28/16

L-1.6

PEI JOB#: 14222.PE