

AUGUST 6, 2015

MURCH ELEMENTARY SCHOOL MODERNIZATION

SIT MEETING #5

Agenda

Murch ES Modernization SIT Meeting #5

01 Progress Update

02 Building Design Update

03 Program and Ed Spec

04 Landscape Program

05 Swing Space

06 Next Steps

Landscape Working Session

01



Progress Update

PROGRESS UPDATES

- CFA/HPO Meeting
- Material Selection
- Systems Integration (HVAC, Structural, Plumbing, Electrical)
- Design Progress

02

Building Design Update



FIRST FLOOR

- PRE K / K
- CORE EDUCATION
- GRADE 1
- GRADE 2
- GRADE 3
- GRADE 4
- GRADE 5
- SCIENCE/WORLD CULTURE
- SPECIAL NEEDS
- VISUAL/PERFORMING ARTS
- ADMINISTRATION
- MEDIA CENTER
- PHYSICAL EDUCATION
- DINING/FOOD SERVICE
- CIRCULATION
- SERVICE AREAS

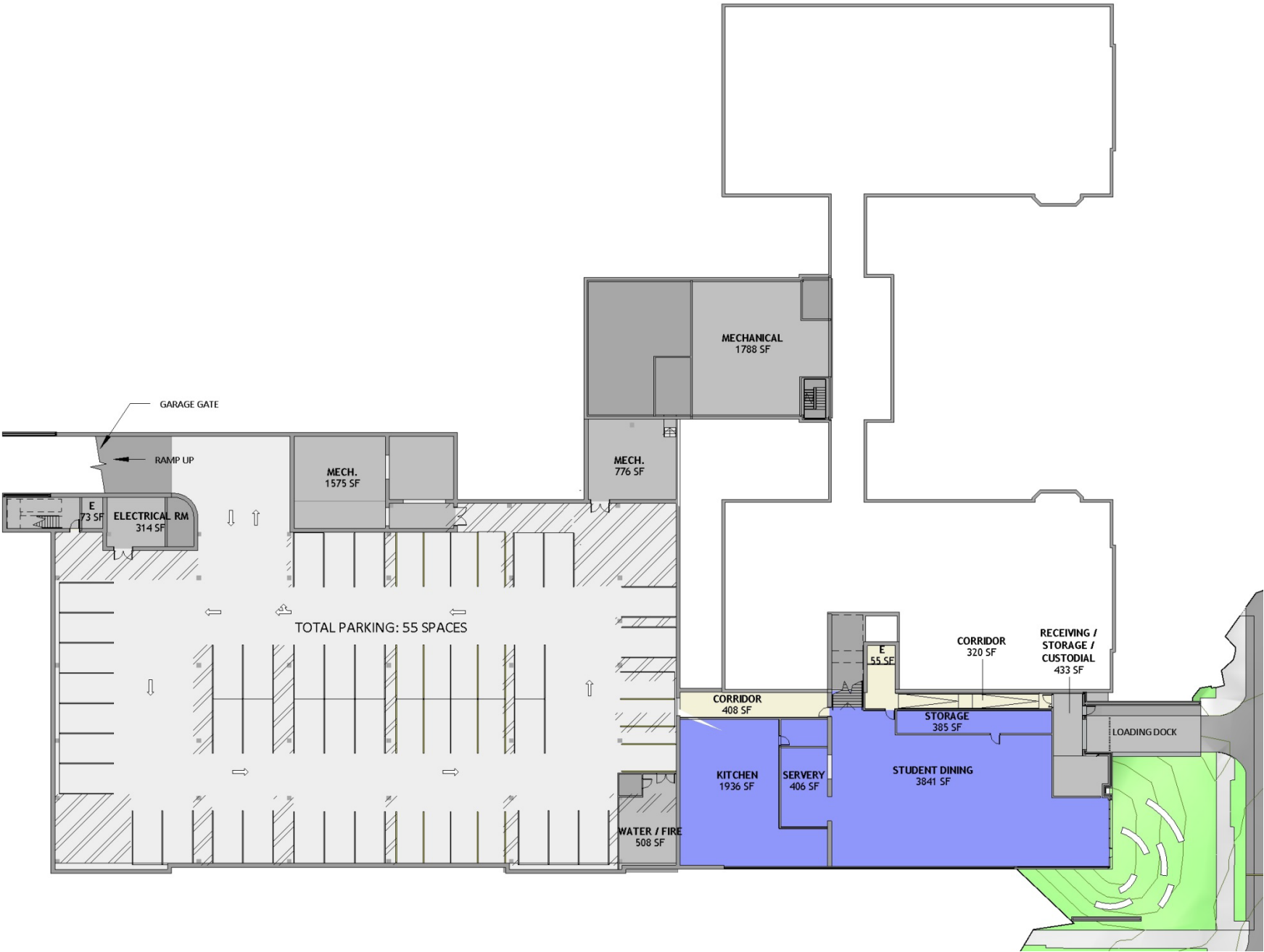


FIRST FLOOR

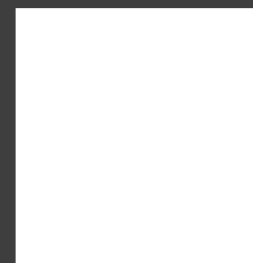
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BASEMENT



03



Program/Ed Spec

PROGRAM	PROGRAM LOCATION + COMPARISON					NOTES
	DCPS EDUCATIONAL	CURRENT DESIGN	NEW	EXISTING BUILDING		
	SPECIFICATION	7/30/2015	CONSTRUCTION +/- 5% TARGET	+/- 15% TARGET		
CORE ACADEMIC / SPECIAL EDUCATION AREAS	41,025	40,491				
PRE-KINDERGARTEN CLASSROOM 1	975	926	95%	-		
STORAGE	100	101	101%	-		
TOILET	50	48	96%	-		
PRE-KINDERGARTEN CLASSROOM 2	975	926	95%	-		
STORAGE	100	101	101%	-		
TOILET	50	49	98%	-		
PRE-KINDERGARTEN CLASSROOM 3	975	926	95%	-		
STORAGE	100	101	101%	-		
TOILET	50	49	98%	-		
PRE-KINDERGARTEN CLASSROOM 4	975	926	95%	-		
STORAGE	100	112	112%	-		
TOILET	50	45	90%	-		
STUDENT RESOURCE/FACULTY COLLABORATION		259		-	SHARED	
KINDERGARTEN CLASSROOM 1	975	937	96%	-		
STORAGE	100	110	110%	-		
TOILET	50	49	98%	-		
KINDERGARTEN CLASSROOM 2	975	924	95%	-		
STORAGE	100	99	99%	-		
TOILET	50	48	96%	-		
KINDERGARTEN CLASSROOM 3	975	943	97%	-		
STORAGE	100	115	115%	-		
TOILET	50	58	116%	-		
KINDERGARTEN CLASSROOM 4	975	927	95%	-		
STORAGE	100	95	95%	-		
TOILET	50	48	96%	-		
KINDERGARTEN CLASSROOM 5	975	930	95%	-		
STORAGE	100	91	91%	-		
TOILET	50	48	96%	-		
STUDENT RESOURCE/FACULTY COLLABORATION		239		-	SHARED FOR STUDENT PROJECTS, TEACHER COLLABORATION, SPEC.	
EARLY CHILDHOOD DINING / PLAY COMMONS	2,000	2078	104%	-		

PROGRAM	DCPS EDUCATIONAL SPECIFICATION	CURRENT DESIGN 7/30/2015	NEW CONSTRUCTION +/- 5% TARGET	EXISTING BUILDING +/- 15% TARGET	NOTES
GRADE 1 CLASSROOM 1	900	837	-	93%	Located in existing building = area restrictions
GRADE 1 CLASSROOM 2	900	825	-	92%	
GRADE 1 CLASSROOM 3	900	847	-	94%	
GRADE 1 CLASSROOM 4	900	838	-	93%	
GRADE 1 CLASSROOM 5	900	889	-	99%	
FLEX CLASSROOM		570	-		ACTIVE LEARNING, TABLES, CHAIRS
STUDENT RESOURCE/FACULTY COLLABORATION		256	-		SHARED FOR STUDENT PROJECTS, TEACHER COLLABORATION, SPEC. ED., PULL OUT
GRADE 2 CLASSROOM 1	900	837	-	93%	
GRADE 2 CLASSROOM 2	900	825	-	92%	
GRADE 2 CLASSROOM 3	900	847	-	94%	
GRADE 2 CLASSROOM 4	900	838	-	93%	
GRADE 2 CLASSROOM 5	900	843	-	94%	ADDED BY DGS - 4/21/15
FLEX CLASSROOM	900	833	-	93%	GEOGRAPHY OR GRADE LEVEL CR
STUDENT RESOURCE/FACULTY COLLABORATION		266	-		SHARED FOR STUDENT PROJECTS, TEACHER COLLABORATION, SPEC. ED., PULL OUT
GRADE 3 CLASSROOM 1	900	849	-	94%	
GRADE 3 CLASSROOM 2	900	853	-	95%	
GRADE 3 CLASSROOM 3	900	853	-	95%	
GRADE 3 CLASSROOM 4	900	855	-	95%	
COLLABORATIVE AREA		248	-		ACTIVE LEARNING, TABLES, CHAIRS
STUDENT RESOURCE/FACULTY COLLABORATION		246	-		SHARED FOR STUDENT PROJECTS, TEACHER COLLABORATION, SPEC. ED., PULL OUT
GRADE 4 CLASSROOM 1	900	855	95%	-	
GRADE 4 CLASSROOM 2	900	856	95%	-	
GRADE 4 CLASSROOM 3	900	855	95%	-	
GRADE 4 CLASSROOM 4	900	855	95%	-	
COLLABORATIVE AREA		278		-	ACTIVE LEARNING, TABLES, CHAIRS
STUDENT RESOURCE/FACULTY COLLABORATION		242	102%	-	SHARED FOR STUDENT PROJECTS, TEACHER COLLABORATION, SPEC. ED., PULL OUT
GRADE 5 CLASSROOM 1	900	857	95%	-	
GRADE 5 CLASSROOM 2	900	856	95%	-	
GRADE 5 CLASSROOM 3	900	862	96%	-	
GRADE 5 CLASSROOM 4	900	860	96%	-	
COLLABORATIVE AREA		288		-	ACTIVE LEARNING, TABLES, CHAIRS
STUDENT RESOURCE/FACULTY COLLABORATION		248		-	SHARED FOR STUDENT PROJECTS, TEACHER COLLABORATION, SPEC. ED., PULL OUT

PROGRAM	DCPS EDUCATIONAL		CURRENT DESIGN		NEW		NOTES
	SPECIFICATION		7/30/2015		CONSTRUCTION +/- 5% TARGET	EXISTING BUILDING +/- 15% TARGET	
SPECIAL NEEDS CLASSROOM 1	900		860		96%	-	ADJACENT TO PRE K
SPECIAL NEEDS CLASSROOM 2	900		822		-	91%	
SPECIAL NEEDS CLASSROOM 3	900						ELIMINATED PER DCPS
RESOURCE CLASSROOM 1	200		266		-	133%	
RESOURCE CLASSROOM 2	200		193		-	97%	
SPECIAL EDUCATION SUITE	650		580		-	89%	
SCIENCE AND WORLD CULTURE STUDIO 1	1,000					-	GEOGRAPHY - FLEX CLASSROOM
SCIENCE AND WORLD CULTURE STUDIO 2	1,000		964		96%	-	MATH + SCIENCE
O/PT	250		223		-	89%	
IT LAPTOP STORAGE 1	200		120		-	60%	
IT LAPTOP STORAGE 2	200					-	
WORKROOM/TEACHER OFFICE 1	200		219		-	110%	
WORKROOM/TEACHER OFFICE 2	200					-	HOTELING AREA
STAFF DEVELOPMENT	400		504		-	126%	
BOOK ROOM	400		400		-	100%	
SMALL GROUP SPACE - SPEECH	200		186		-	93%	
SMALL GROUP SPACE - COUNSELOR	200		186		-	93%	
SMALL GROUP SPACE - LEVELED BOOK ROOM	200		218		-	109%	INCLUDED WITHIN BOOK ROOM
HOTELING AREA			275		-		FOR RESOURCE ROOM STAFF
MEDIA CENTER	5,000		4,879				
READING / LEARNING	2,800		2997		-	107%	COMBINED WITH LAPTOP LAB
LAPTOP LAB	900		817		-	91%	COMBINED WITH READING LEARNING
MEDIA SMALL GROUP ROOM 1	300		251		-	84%	OPEN BREAKOUT AREAS
MEDIA SMALL GROUP ROOM 2	300		253		-	-	OPEN BREAKOUT AREAS
OFFICE / WORKROOM	300		257		-	86%	
STORAGE	200		182		-	91%	
TELECOM	200		122		-	61%	
VISUAL AND PERFORMING ARTS	3,100		3,449				
VISUAL ARTS LAB	1,200		1207		101%	-	
KILN ROOM	100		96		96%	-	
STORAGE	150		150		100%	-	
ECE ARTS OFFICE	150		146		97%	-	
GENERAL MUSIC ROOM	1,300		1203		93%	-	
INSTRUMENTAL STORAGE	200		206		103%	-	
MAKER SPACE			441			-	3D PRINTERS, CLAY, LEGOS

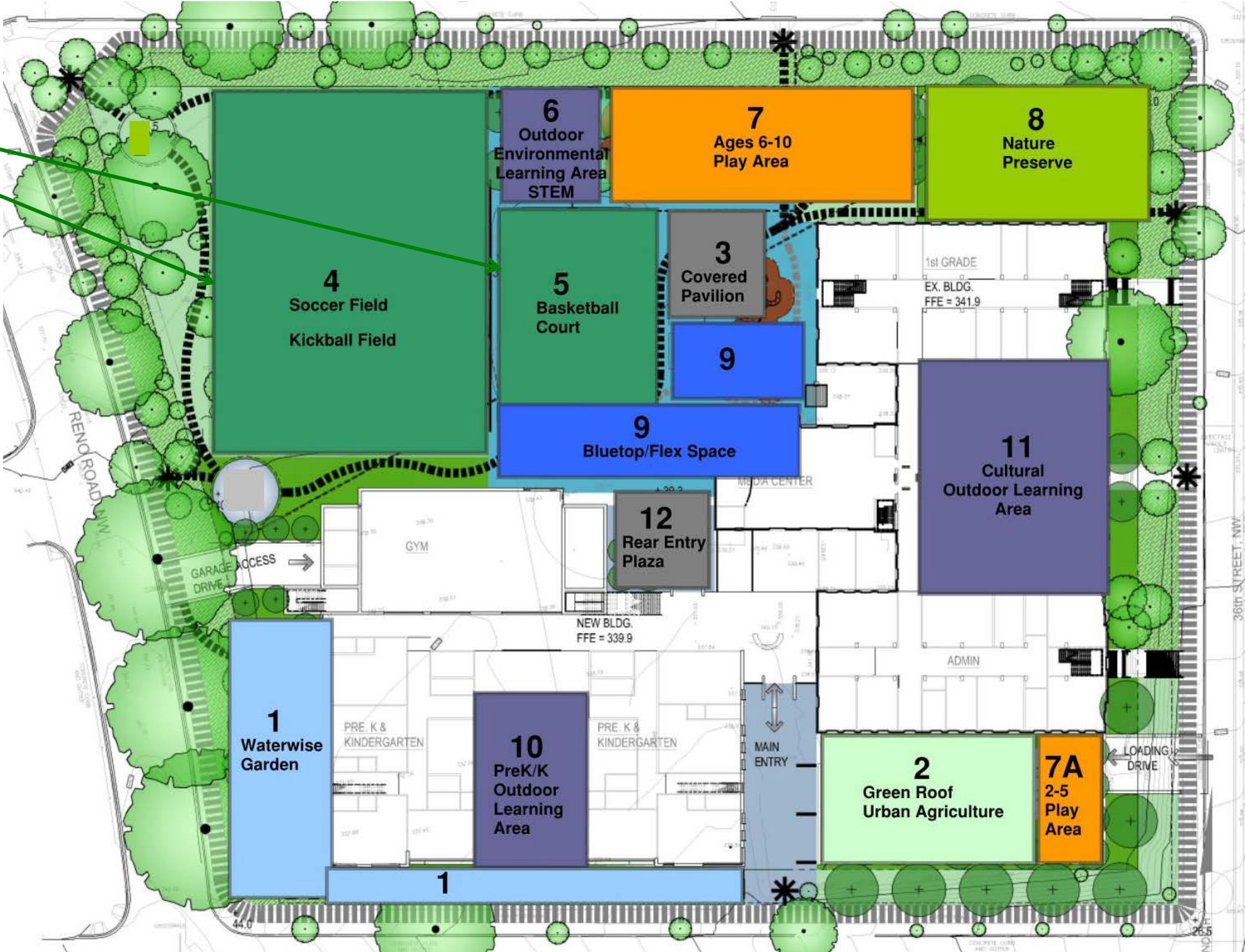
PROGRAM	DCPS EDUCATIONAL	CURRENT DESIGN	NEW	EXISTING BUILDING	NOTES
	SPECIFICATION	7/30/2015	CONSTRUCTION +/- 5% TARGET	+/- 15% TARGET	
PHYSICAL EDUCATION	7,550	5,985			
GYMNASIUM	5,800	5256	91%	-	
HEALTH CLASSROOM	900	-			DELETED PER DCPS
OFFICE	250	236	94%	-	
STORAGE	600	493	82%	-	
STAGE	1,000	956	96%	-	
ADMINISTRATION	4,240	4,260			
LOBBY	1,000	950	95%	-	
WELCOME CENTER	400	380	95%	-	
SECURITY AREA	75	71	95%	-	
CONFERENCE ROOM	200	321	-	161%	
ADMINISTRATION			-		
PRINCIPALS OFFICE	180				
OFFICE AP	150				
OFFICE BM	150				
OFFICE REGISTRAR	120				
OFFICE PM	120	1447	-	109%	
OFFICE HAS	120				
ADMINISTRATIVE WORKROOM / MAIL	300				
RECORDS ROOM	150				
TOILET	50				
HEALTH SUITE	525	428	-	82%	
STAFF LOUNGE	700	663	-	95%	
DINING + FOOD SERVICE	6,150	6,165			
STUDENT DINING AREA / MULTIPURPOSE	3,500	3438	98%	-	230 SEATS, OPEN FOR GATHERINGS, CONNECTED TO EXTERIOR
CHAIR AND TABLE STORAGE	450	385	86%	-	
SERVING AREA	400	406	102%	-	
KITCHEN SUITE	1,800	1936	108%	-	
MAINTENANCE + CUSTODIAL SERVICES	1,220	1,121			
RECEIVING AND STORAGE	450	389	86%		
FACILITIES MANAGE	80	76	95%		EXISTING MECH ROOM
CUSTODIAL OFFICE	140	133	95%		EXISTING MECH ROOM
TOILET / SHOWER / LOCKER	250	238	95%		EXISTING MECH ROOM
OUTSIDE STORAGE	300	285	95%		ON SITE

PROGRAM	DCPS EDUCATIONAL SPECIFICATION	CURRENT DESIGN 7/30/2015	NEW CONSTRUCTION +/- 5% TARGET	EXISTING BUILDING +/- 15% TARGET	NOTES
TOTAL PROGRAM AREA	68,285	66,350			
MECHANICAL / ELECTRICAL / TOILETS / CUSTODIAL CIRCULATION	29,503	31,664			
TOTAL NET	97,788	98,014			
CONSTRUCTION FACTOR	8,019	8,392			
TOTAL GROSS	105,807	106,406			INCLUDES EXISTING MECHANICAL ROOM SPACES
		23,991			PARKING
		3,445			GREEN ROOF

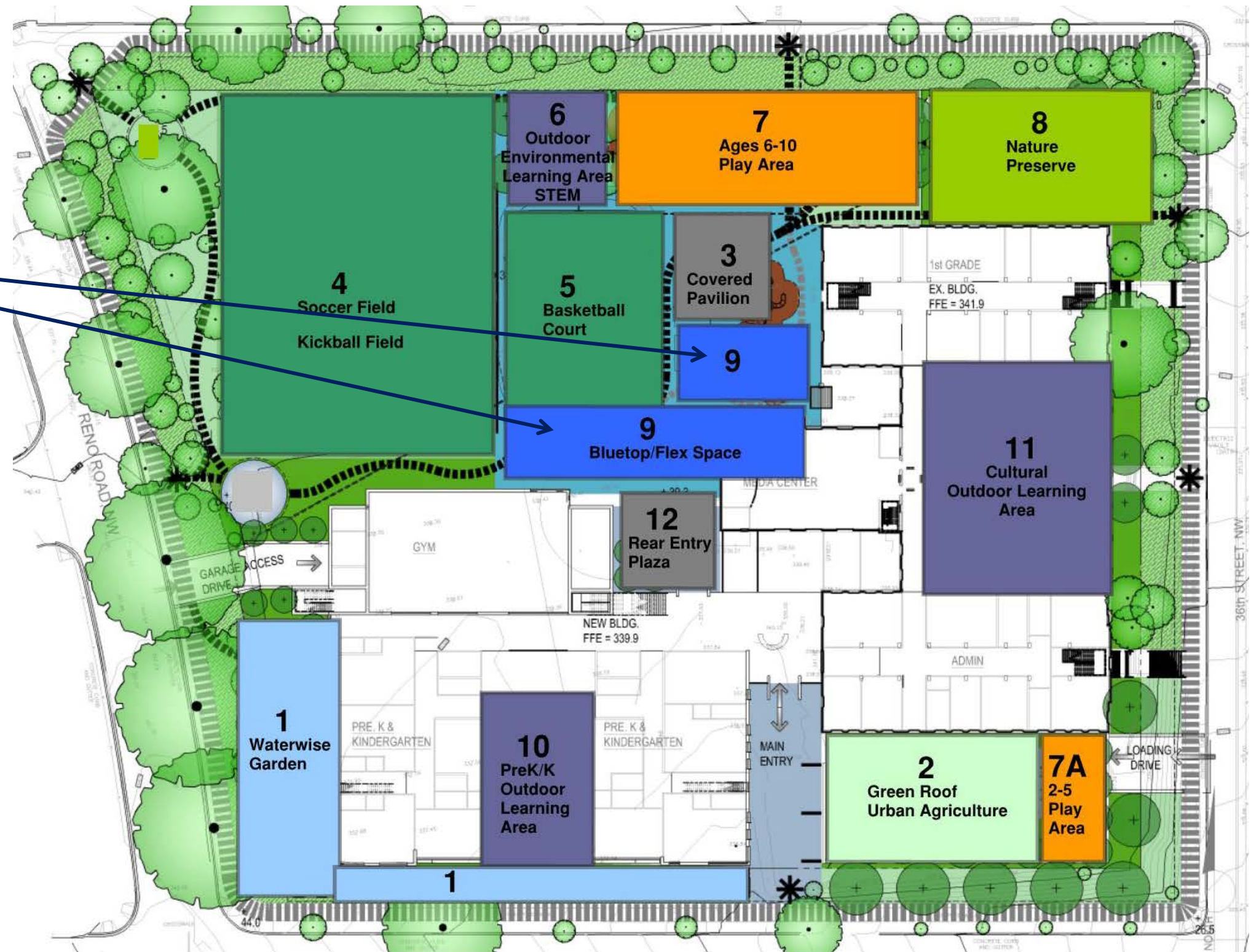
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Landscape Program

Sport Areas



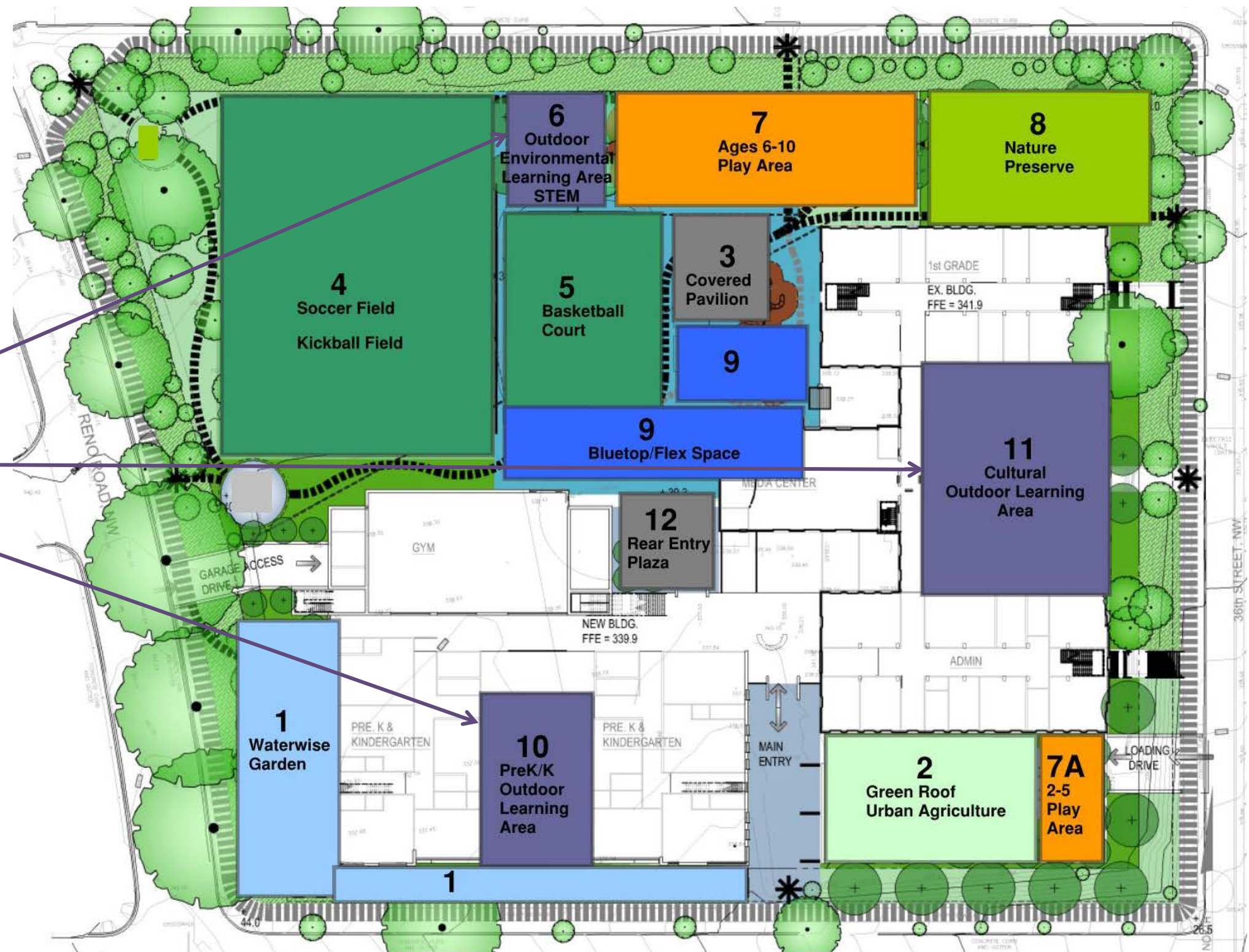
Flex Paved Areas



Bio Retention

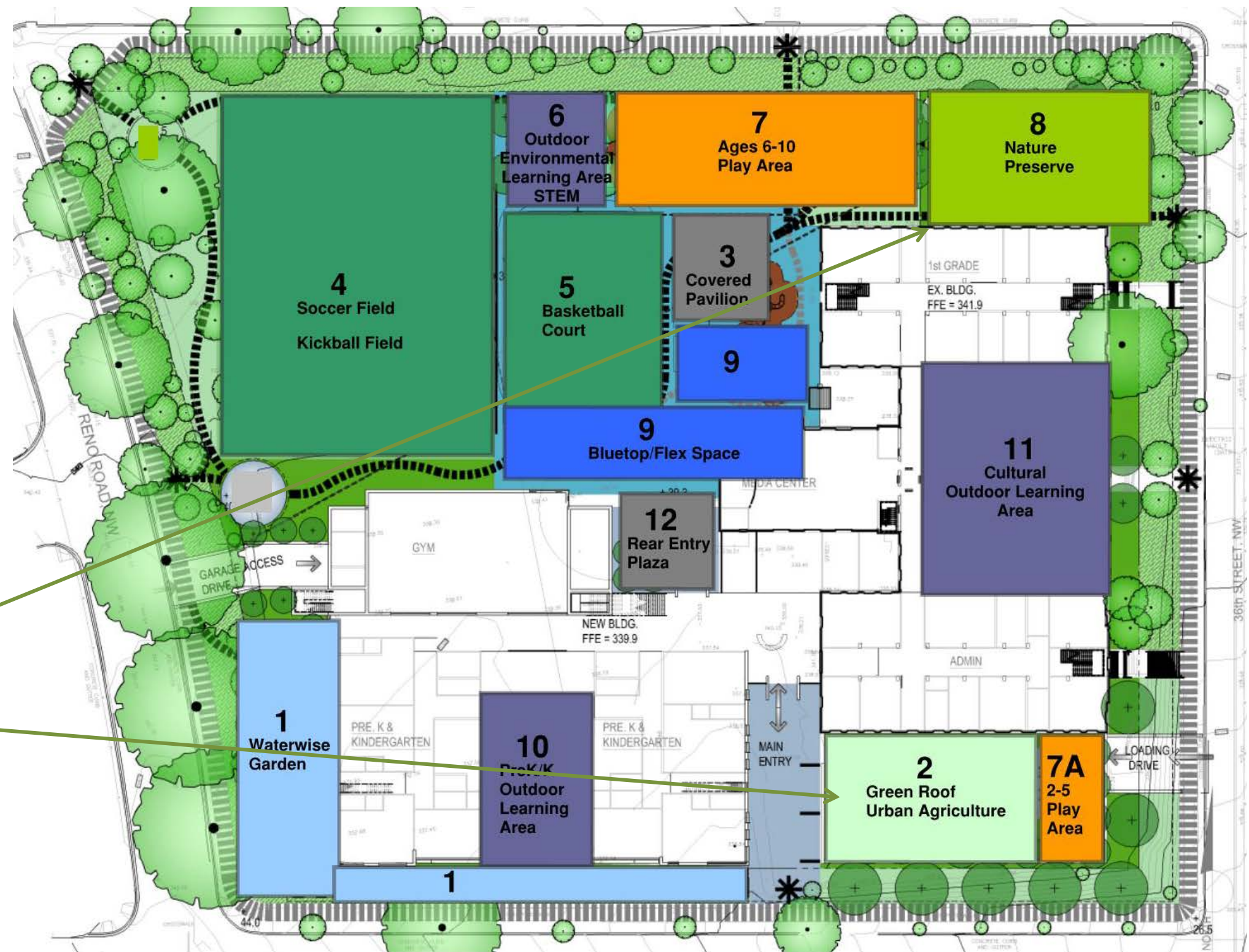


Outdoor Learning
Areas



Play Structure Areas





Ecological and
Agricultural Areas

05



Swing Space

06



Next Steps

Next Steps...

- Develop Proposals for Exterior Materials
- Landscape Design Development
- Continue Development of Building Design
- Request for Proposals from Builders

Thank You

