

DESIGN REVIEW APPLICATION - DETAIL

Olympia

Application may precede or accompany a building permit application.

OFFICIAL USE ONLY

Case #: _____ Master File #: _____ Date: _____

Received By: _____ Project Planner: _____ Related Cases: _____

Project Name: OLYMPIA HIGH SCHOOL ADDITION & ILLUMINATED FIELD

Site Address: 1302 NORTH STREET SE, OLYMPIA WA 98501

Applicant Name: ANDREW COTTRILL % BLVB ARCHITECTS

Phone No.: 253 627 5599

E-Mail Address: acottrill@blvb.com

Project Narrative: 21 CLASSROOM ADDITION TO OLYMPIA HIGH SCHOOL WITH A NEW ILLUMINATED PRACTICE FIELD AND MINOR INTERIOR RENOVATIONS. INTERIOR RENOVATIONS INCLUDE NEW SECURE VESTIBULES AND PAINT/CARPET THROUGHOUT

Submittal Requirements:

1. General Land Use Application
2. Vicinity map depicting location of project with respect to nearby streets and other major features, and encompassing at least one square mile, and not more than forty square miles.
3. Two (2) full-sized (24"X36") and one reduced (11"X17") set of each of the following plans, **plus** digital files of (entire) architectural design packet (memory disc, via ftp, CD, other). **Items below shall be submitted as one individual architectural plan set/packet** (separate from engineering plan set).
4. Detailed Site Plan, illustrating:
 - Property lines with distances.
 - Adjacent public rights-of-way.
 - Existing and proposed grades at 2-foot contour intervals.
 - Existing and proposed site features, including stormwater facilities.
 - Existing and proposed building footprint(s) with dimensioned setbacks from property lines.
 - Location of above ground mechanical or utility equipment and screening option(s).
 - Clearly delineated and labeled landscape, hardscape, and building areas.
 - Parking area layout including loading areas, and short and long-term bicycle parking with space dimensions, and loading area dimensions.
 - Solid waste collection location and enclosure/screening option(s).
 - Existing or proposed retaining walls or fences with spot elevations at top and bottom.
 - Lighting plan including light post locations, lighting on buildings, lighting along walkways, and all other lighting throughout the site.
 - Location of site features not listed above, including pedestrian amenities, short and long-term bicycle parking, bus stop(s), monument or free-standing signs, mail kiosks, etc.
5. Detailed Landscape Plan consistent with OMC 18.36 – Landscaping and Screening, illustrating:
 - All features included on the detailed site plan.
 - Location of existing (to remain) and proposed plants.
 - Type of existing and proposed plants (i.e., groundcover, shrub, tree).
 - Graphic depiction of the size of proposed tree canopies at maturity on plan (photos, sketches, other).

- Clearly delineated and labeled landscape, hardscape, and building areas.
- Location and spacing of proposed plantings.
- Common and botanical names of each species, include native (N) or non-native (NN).
- Container or caliper size of plants at installation.
- Quantities of plant material by species and size at installation.

6. Detailed Building Elevations (fully scale and dimension each elevation), illustrating:

- Building elevations of all sides of the building(s) labeled as north, south, east and west elevation.
- Finished floor elevation(s).
- Location of building doors and windows.
- Proposed building and roof materials.
- Location of exterior steps and stairways.
- Color rendering of any building elevation visible from a public right-of-way.
- Exterior building details, including all materials and colors.
- Window details, including materials and colors of framing and glazing materials.
- Door details, including materials and colors.
- Roof details, including materials and colors.
- Location of exterior light fixture(s).
- Location and type of major sign(s).

7. Detail Sheet (fully dimension and scale each detail):

- Detail of hardscape material (i.e. size, type, and color of pavers, etc.)
- Exterior light fixture detail and cut sheets.
- Solid waste collection enclosure and screen details.
- Each type of pedestrian amenity with cut sheets (i.e., trash cans, benches, planter boxes).
- Detail of short and long-term bicycle parking, including shelter, structure frame, cut sheets.
- Recreation areas including any proposed equipment or swimming pools.
- Mail kiosks (if any).

8. Colors and Materials Board (attach sample of each):

- Building and roof materials.
- Window materials.
- Building trim colors.
- Colors of major signs.

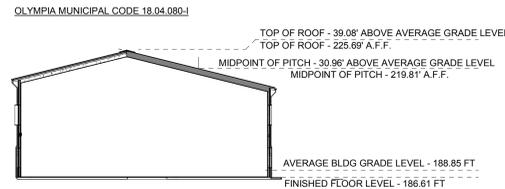
PROJECT DATA

PROJECT ADDRESS 1320 North Street
 Olympia, WA 98502
 TAX PARCEL NO. 0989005000
 GOVERNING CODE IBC 2015
 EXISTING ZONING CLASSIFICATION R4 Residential
 BUILDING USE HIGH SCHOOL
 AREA OF BUILDING 233,960 SF (EXISTING)
 37,801 SF (NEW)
 PARKING 607 (EXISTING)
 618 (AFTER CONTRACT WORK - OK, 602 REQUIRED PER OLYMPIA MUNICIPAL CODE 18-38)
 OCCUPANCY GROUPS E (EDUCATIONAL) WITH ACCESSORY ASSEMBLY OCCUPANCIES PER IBC 303.1
 TYPE OF CONSTRUCTION TYPE V-B
 SEWER DISTRICT CITY OF OLYMPIA
 WATER DISTRICT OLYMPIA WATER

ZONING DATA

PARCEL NUMBER: 0989005000
 ZONING: R4 RESIDENTIAL
 LEGAL DESCRIPTION: THAT PART OF WALKER DONATION CLAIM NO. 38, TOWNSHIP 18 NORTH, RANGE 2 WEST, W.M., DESCRIBED AS LYING SOUTHERLY OF CARLYON AVENUE, NORTHERLY OF NORTH STREET, WESTERLY OF THE EAST LINE OF TRACT CONVEYED TO OLYMPIA SCHOOL DISTRICT NO. 328 BY DEED RECORDED AUGUST 29, 1949, UNDER FILE NO. 454688 AND LYING EASTERLY OF THE EAST LINES OF THOSE CERTAIN PLATS KNOWN AS BREWER'S EXTENSION TO MOUNTAIN VIEW ADDITION, AS RECORDED IN VOLUME 1 OF PLATS, PAGE 125 AND SKRIDGE SQUARE, AS RECORDED IN VOLUME 11 OF PLATS, PAGE 38.
 A PORTION OF THE R.M. WALKER DONATION CLAIM NO. 38, TOWNSHIP 18 NORTH, RANGE 2 WEST, W.M. DESCRIBED AS FOLLOWS: BEGINNING AT THE INTERSECTION OF THE CENTER LINE OF LOG CABIN ROAD WITH THE EAST LINE OF SAID DONATION CLAIM, THENCE WEST ALONG CENTER LINE OF ROAD 1150 FEET TO THE TRUE POINT OF BEGINNING OF THIS DESCRIPTION, THENCE CONTINUE WEST ALONG SAID CENTER LINE 580 FEET, MORE OR LESS, TO THE EAST LINE, OR SAID EAST LINE EXTENDED SOUTHERLY, OF THE TRACT DEEDED TO OLYMPIA SCHOOL DISTRICT NO. 320, BY DEED RECORDED AUGUST 29, 1949, IN VOLUME 240 OF DEEDS, PAGE 429, UNDER AUDITOR'S FILE NO. 454688; THENCE NORTH 1°40'00" EAST TO THE NORTHEAST OF SAID SCHOOL DISTRICT TRACT; THENCE NORTH 88°39' EAST EXCEPT THE NORTHERLY 30 FEET THEREOF FOR CARLYON AVENUE, ALSO EXCEPT THE SOUTH 25 FEET FOR NORTH STREET; ALSO EXCEPT ANY PORTION LYING WITHIN MCCORMICK STREET S.E. AND HENDERSON BLVD.

GOVERNING CODES:
 2015 INTERNATIONAL BUILDING CODE (IBC), WAC 51-50 & 2003 ICC/ANSI.
 2015 INTERNATIONAL MECHANICAL CODE (IMC), WAC 51-50.
 2015 INTERNATIONAL FIRE CODE (IFC), WAC 51-54.
 2015 UNIFORM PLUMBING CODE (UPC), WAC 51-56, 51-57.
 2015 WASHINGTON STATE ENERGY CODE (WSEC), WAC 51-11.
 2015 VENTILATION & INDOOR AIR QUALITY CODE (IAQ), WAC 51-13.
 CITY OF OLYMPIA MUNICIPAL CODE TITLE 16 BUILDINGS AND CONSTRUCTION
 OCCUPANCY CLASSIFICATION:
 Group: E (See section 305.1 and section 508.3.1 exception no. 2 for Accessory Occupancy).
 TYPE OF CONSTRUCTION:
 Type: V-B Fire Sprinkled and Fire Alarms (See Section 602.5 & Table 601).
 TRAVEL DISTANCE:
 Allowable Max. Travel Dist.: 250'-0" (See Table 1017.2).
 Actual Max. Travel Dist.: 197'-0".
 GENERAL BUILDING HEIGHT:
 Allowable Height: 35 feet & (2) story (See OMC Table 4.04)
 Total Allowable Height: 35 feet
 Actual Height: 33 feet



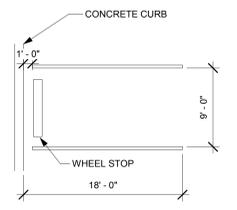
LEGEND

- PROPERTY LINE
- - - SET BACK
- ▲ ACCESS LOCATION
- SOFT SURFACE
- PAVEMENT
- ADDITION AREA
- ▨ FUTURE ADDITION
- EXISTING AREA
- ⊗ TREE TO BE REMOVED

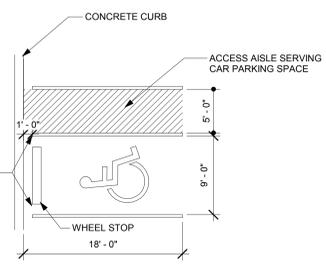
PARKING

PARKING	1 SPACE PER CLASSROOM AND OFFICE PLUS 1 SPACE FOR EACH FOUR STUDENTS ENROLLED AND ARE OF LEGAL DRIVING AGE. TOTAL CLASSROOMS AND OFFICES: 144 ONE STALL FOR EVERY FOUR STUDENTS OF LEGAL DRIVING AGE: (1842/4) 461 TOTAL PARKING STALLS REQUIRED: 605 PARKING STALLS PROVIDED: 617
ADA PARKING	PARKING STALLS PROVIDED: 617 MINIMUM REQUIRED NUMBER OF ACCESSIBLE SPACES: 2% OF TOTAL SPACES (617 * .02 = 12.34) TOTAL ADA PARKING STALLS REQUIRED: 13 EXISTING ADA PARKING STALLS: 16 PROPOSED ADA PARKING STALLS: (04 STANDARD AND 01 VAN) TOTAL ADA ACCESSIBLE PARKING PROVIDED: 22
LONG TERM BICYCLE PARKING	SPACES REQUIRED PER CODE: • 1 SPACE PER 5 CLASSROOMS • 1 SPACE FOR EACH FORTY STUDENTS CLASSROOMS: EXISTING CLASSROOMS: 72 NEW CLASSROOMS: 21 FUTURE CLASSROOMS: 04 TOTAL CLASSROOMS: 97 97/5 = 20 REQUIRED TOTAL STUDENTS: 2105 2105/40 = 53 REQUIRED TOTAL BICYCLE STALLS REQUIRED: (97/5) + (2105/40) = 73 73 STALLS PROVIDED
SHORT TERM BICYCLE PARKING	SPACES REQUIRED PER CODE: • 1 SPACE PER 5 CLASSROOMS • 1 FOR EACH FORTY STUDENTS CLASSROOMS: EXISTING CLASSROOMS: 72 NEW CLASSROOMS: 21 FUTURE CLASSROOMS: 04 TOTAL CLASSROOMS: 97 97/5 = 20 TOTAL STUDENTS: 2105 2105/40 = 53 REQUIRED EXISTING SHORT TERM STALLS: 57 NEW SHORT TERM STALLS: 16 TOTAL BICYCLE STALLS REQUIRED: (97/5) + (2105/40) = 73 73 STALLS PROVIDED

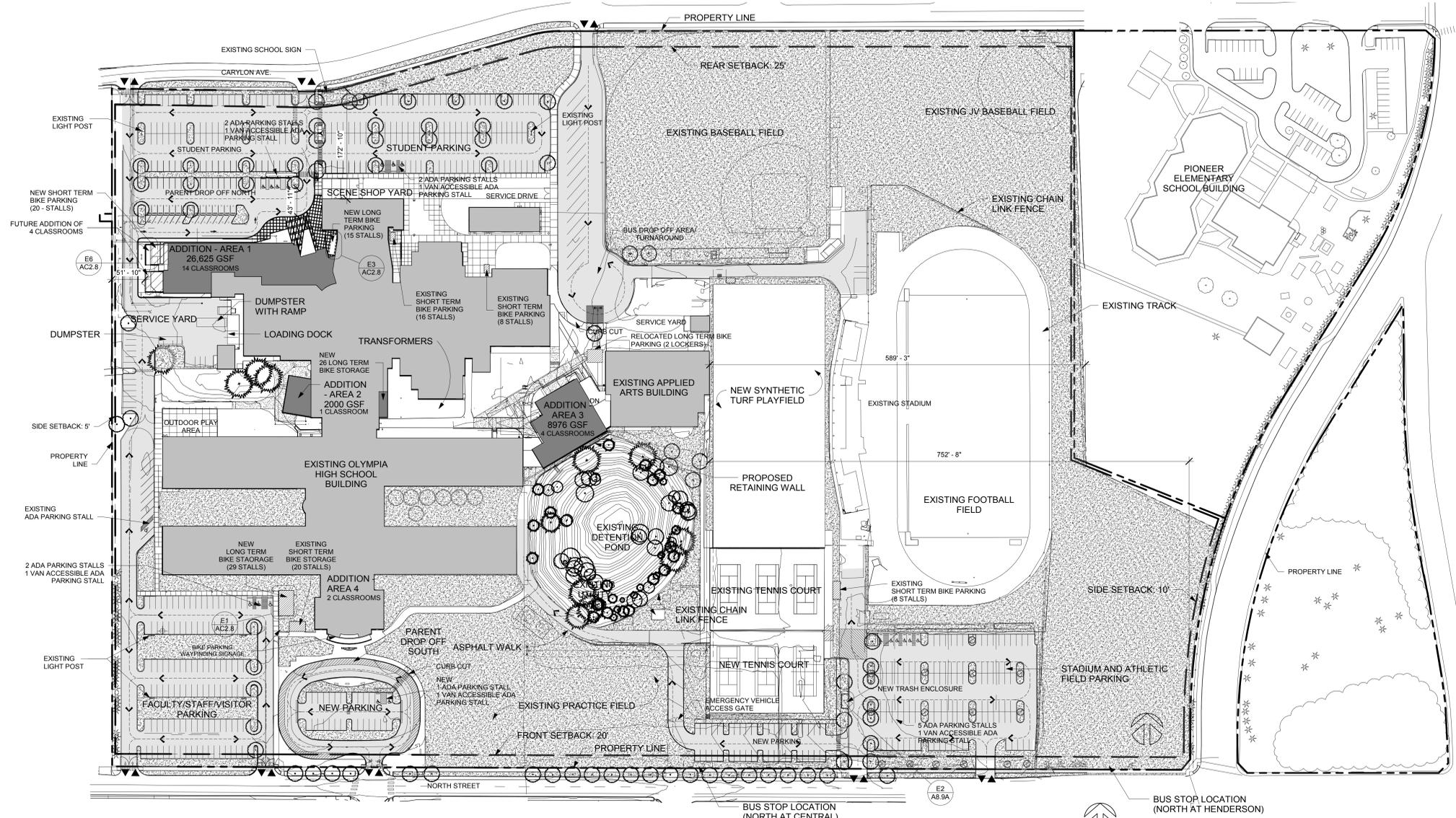
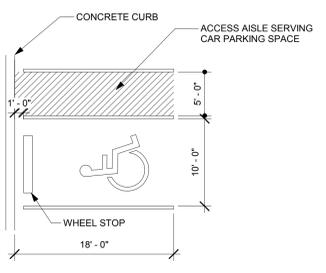
TYPICAL PARKING STALL



NOTE: AT CURVED SECTIONS OF PARKING LOT, SPLAY PARKING STALL PAINT STRIPPING AS REQUIRED TO PROVIDE EQUAL SPACING WITH MINIMUM 9'-0" SPACING WIDTH TO ACCOMMODATE CURVED CURB LINES



VAN ACCESSIBLE



K3 CODE COMPLIANCE - SITE PLAN
 1" = 80'-0" @ FULL SIZE REF: A3.11' C1
 0' 2'-0" 4'-0" 8'-0"

CLASSIFICATION	REQUIRED	ACTUAL
SETBACKS:		
SIDE INTERIOR (WEST) - SINGLE FAMILY RESIDENCE	5 FEET	51' - 10"
FRONT (SOUTH) - NORTH ST. SE	20 FEET	217' - 10"
SIDE INTERIOR (EAST) - OLYMPIA SCHOOL DISTRICT	5 FEET	589' - 3"
SIDE STREET (EAST) -	10 FEET	752' - 8"
REAR (NORTH) - CARLYON AVE.	25 FEET	172' - 10"

#	Date	Description
		Revision Schedule

AGENCY SET

Olympia High School Addition & Illuminated Synthetic Field

BLRB architects

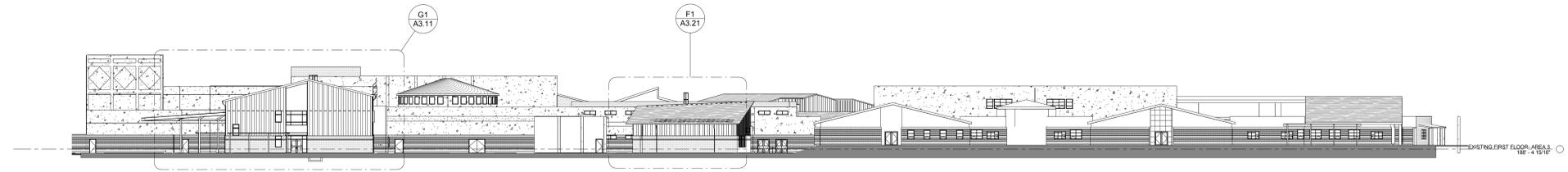
Drawing Title:
CODE COMPLIANCE - SITE PLAN

Date: 2/25/2019 Drawn By: B.BARBER

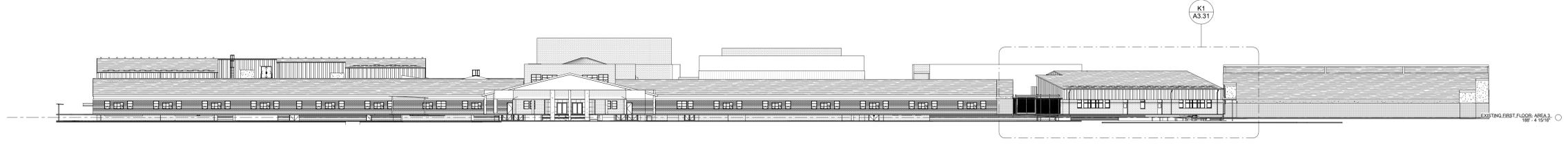
Revised Date: Project No. 1749

Stamp Sheet No.

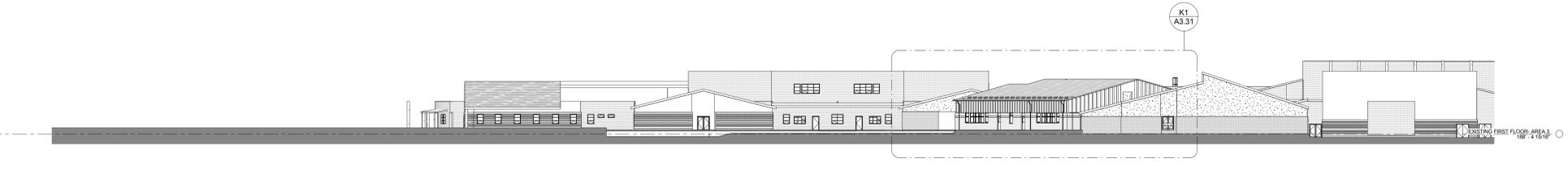
AC1.1A



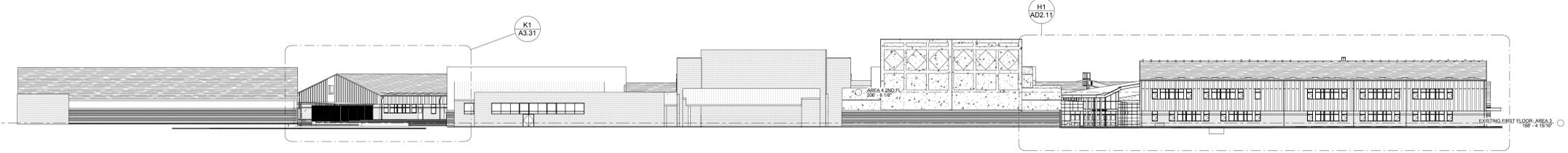
B2) OVERALL WEST ELEVATION
 1" = 30'-0" @ FULL SIZE REF: A2.31/ 1
 PF: Show Previous + New, PH: New Construction



D1) OVERALL SOUTH ELEVATION
 1" = 30'-0" @ FULL SIZE REF: A2.31/ 1
 PF: Show Previous + New, PH: New Construction



F1) OVERALL EAST ELEVATION
 1" = 30'-0" @ FULL SIZE REF: A2.31/ 1
 PF: Show Previous + New, PH: New Construction



H1) OVERALL NORTH ELEVATION
 1" = 30'-0" @ FULL SIZE REF: A2.31/ 1
 PF: Show Previous + New, PH: New Construction

MATERIAL KEYNOTE LEGEND



#	Date	Description
Revision Schedule		

AGENCY SET

Olympia High School Addition & Illuminated Synthetic Field

BLRB architects

Drawing Title:
EXTERIOR ELEVATIONS - OVERALL

Date: 2/25/2019 Drawn By: INITIALS

Revised Date: Project No. 1749

Stamp Sheet No.



A3.01

A

B

C

D

E

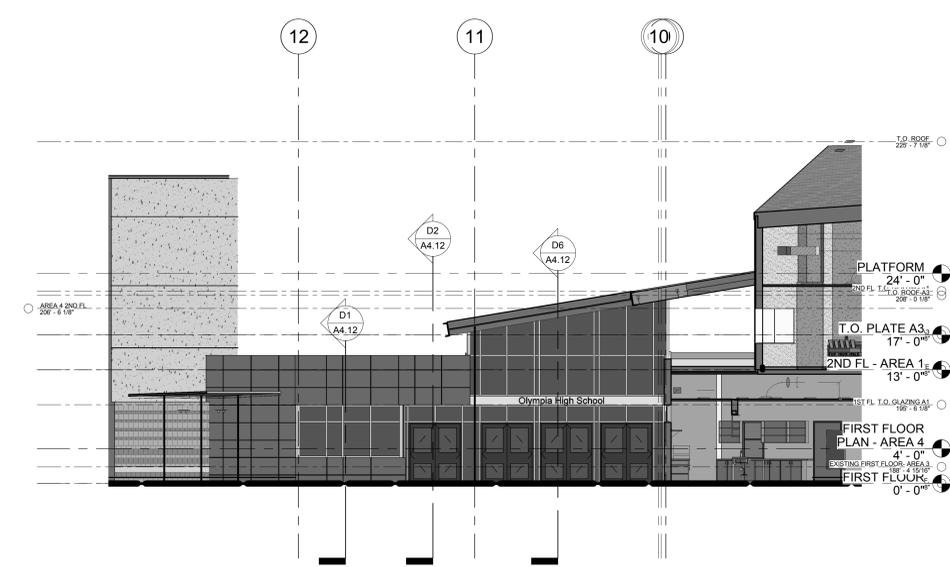
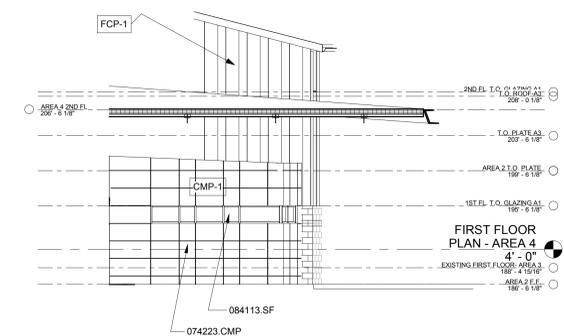
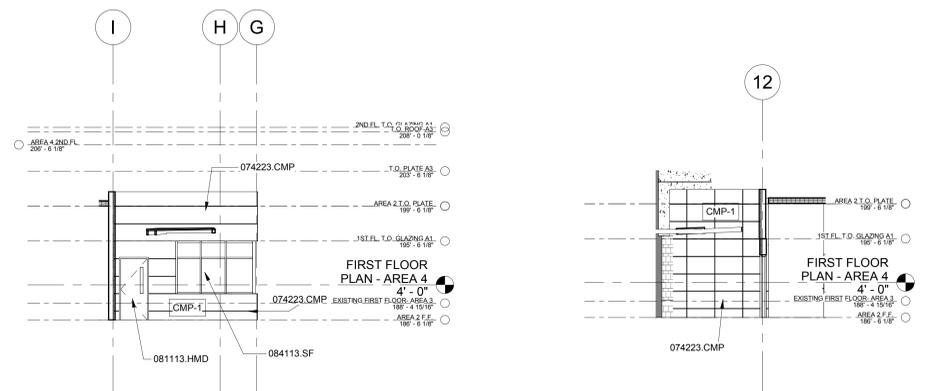
F

G

H

J

K



MATERIAL KEYNOTE...

- 074223.CMP COMPOSITE MATERIAL PANEL
- 081113.HMD HOLLOW METAL DOOR
- 084113.SF STOREFRONT FRAMING

EXTERIOR ELEVATION LEGEND

- CV-1 CMU VENEER: CV-1 RUNNING BOND (4X4X16 SCORED) - COLOR: BASALITE WARM GRAY GROUND FACE 042000.CV
- CV-2 CMU VENEER: CV-2 RUNNING BOND (4X4X16 SCORED) - COLOR: BASALITE WARM GRAY GROUND FACE 042000.CV
- CMP-1 TRESPA PANELS: CMP-1 METEON EXTERIOR M21.3.4 COLOR: AZURITE BLUE SATIN 075600.CMP
- FCP-1 HARDIE PANEL: XX.X ??? COLOR: ??? 074646.FCP



#	Date	Description
Revision Schedule		

AGENCY SET

Olympia High School Addition & Illuminated Synthetic Field

BLRB architects

Drawing Title:
EXTERIOR ELEVATIONS - AREA 1

Date: 2/25/2019 Drawn By: Author

Revised Date: Project No. 1749

Stamp Sheet No.



A3.12

A

B

C

D

E

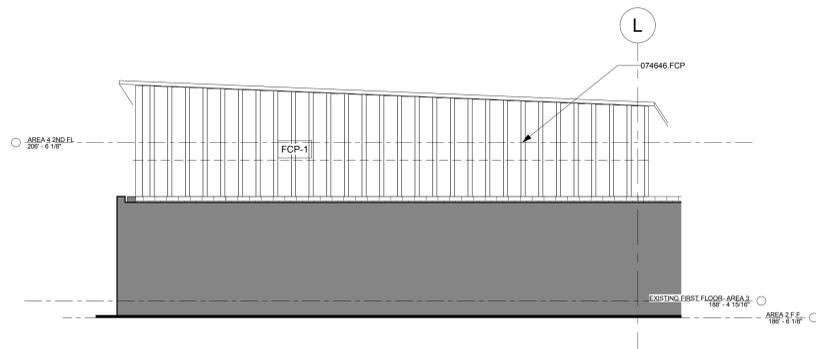
F

G

H

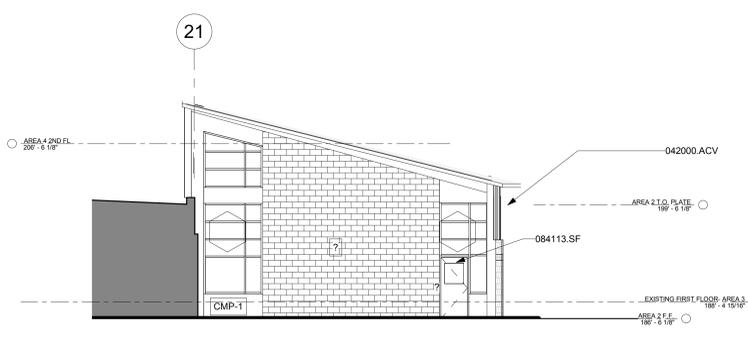
J

K



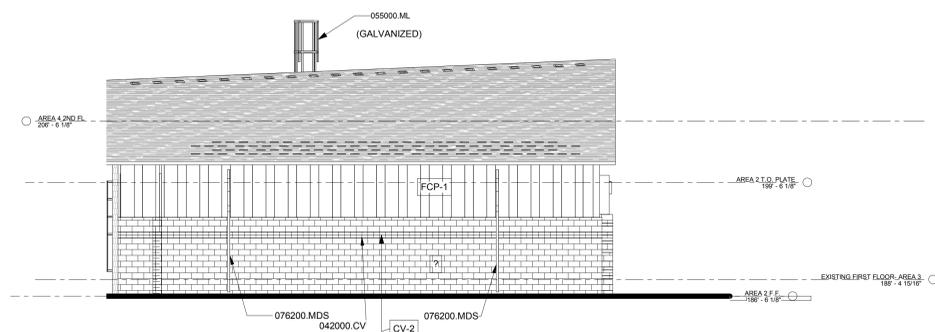
C1 EAST ELEVATION - AREA 2 - DIMENSIONED

1/8" = 1'-0" @ FULL SIZE REF: A2.21/ K3
PF: Show Previous + New, PH: New Construction



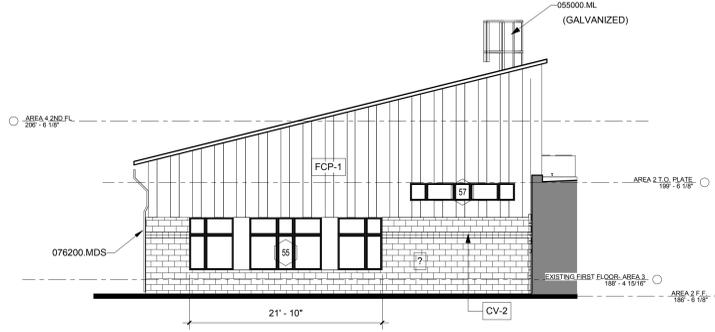
D3 NORTH ELEVATION - AREA 2 DIMENSIONED

1/8" = 1'-0" @ FULL SIZE REF: A2.21/ K3
PF: Show Previous + New, PH: New Construction



F1 WEST ELEVATION - AREA 2 DIMENSIONED

1/8" = 1'-0" @ FULL SIZE REF: A2.31/ 1
PF: Show Previous + New, PH: New Construction



K4 SOUTH ELEVATION - AREA 2 DIMENSIONED

1/8" = 1'-0" @ FULL SIZE REF: A2.21/ K3
PF: Show Previous + New, PH: New Construction

MATERIAL KEYNOTE...

- 042000.AC.V CONCRETE MASONRY VENEER UNITS (ASHLAR BOND)
- 042000.CV CMU VENEER
- 055000.ML METAL LADDER
- 074646.FCP FIBER CEMENT PANEL SYSTEM
- 076200.MDS DOWNSPOUTS (METAL)
- 084113.SF STOREFRONT FRAMING

EXTERIOR ELEVATION LEGEND

- CV-1 CMU VENEER: CV-1 RUNNING BOND (4X4X16 SCORED) - COLOR: BASALITE WARM GRAY GROUND FACE 042000.CV
- CV-2 CMU VENEER: CV-2 RUNNING BOND (4X4X16 SCORED) - COLOR: BASALITE WARM GRAY GROUND FACE 042000.CV
- CMP-1 TRESPA PANELS: CMP-1 METEON EXTERIOR M21.3.4 COLOR: AZURITE BLUE SATIN 076500.CMP
- FCP-1 FIBER CEMENT PANEL SYSTEM
- HARDIE PANEL: XX.X ??? COLOR: ??? 074646.FCP



#	Date	Description
Revision Schedule		

AGENCY SET

Olympia High School Addition & Illuminated Synthetic Field

BLRB architects

Drawing Title:
EXTERIOR ELEVATIONS - AREA 2

Date: 2/25/2019 Drawn By: Author

Revised Date: Project No. 1749

Stamp Sheet No.



A3.21

JOB OHS

TYPE AH1

NOTES _____

APPROVALS _____

FEATURES

- Elegant form factor
- High performance optics up to 35,000 delivered lumens
- Diffusion lens for low glare comfort
- NX™ wireless control options

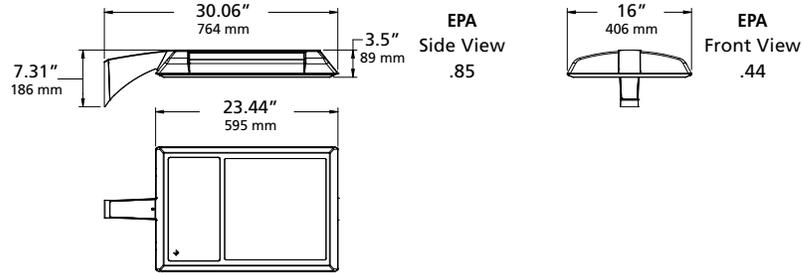
CERTIFICATIONS



SPECIFICATIONS



Weight: 34.6 lbs / 15.69 kg



ORDERING CODE

Series	LED Engine	CCT	Distribution	Rotation	Voltage	Mounting	Fixture Finish
ALT2 Altitude	No Lens 100L-160 20,000 lm 100L-200 25,000 lm 100L-240 30,000 lm 100L-285 35,000 lm	AM Amber 3K7 3000K, 70 CRI 4K7 4000K, 70 CRI 5K7 5000K, 70 CRI 3K8 3000K, 80 CRI 4K8 4000K, 80 CRI 3K9 3000K, 90 CRI	FR Type I/Front Row 2 Type II 3 Type III 4 Type IV 4W Type IV Wide 5QM Type V Square Medium 5QN Type V Square Narrow 5R Type V Rectangular 5W Type V Wide (Round)	Blank for no rotation L ¹ Optic rotation left R ¹ Optic rotation right	UNV 120-277V 347 347V 480 480V	ASQ Arm Square pole A34 Arm mt 3.3-4.2" OD pole A46 Arm mt 4.5-6.0" OD pole MAF Horizontal Slipfitter 2 3/8" OD arm SVSF Vertical Slipfitter Mount square for 2" pipe tenon, (2-3/8" O.D.) VSF Vertical Slipfitter Mount for 2" pipe tenon, (2-3/8" O.D.) WB Wall Bracket for area wall mount	BL Black DB Dark Bronze GT Graphite LG Light Gray PS Platinum Silver TT Titanium WH White CC Custom Color* †Consult factory

Control Options	Options	Control Accessories
<p>7PR 7 pin PCR, wireless control enabled</p> <p>7PR-TL 7 pin PCR with twist lock photocontrol</p> <p>7PR-SC 7 pin PCR with shorting cap</p> <p>AD-01 AstroDIM: 50% output at midnight</p> <p>AD-02 AstroDIM: 50% output midnight to 4 AM</p> <p>AD-03 AstroDIM: 50% output 10PM</p> <p>AD-04 AstroDIM: 50% output 10PM to 4AM</p> <p>NXSP14F² Wired NX, PIR Occupancy Sensor, Dimming Daylight Harvesting, 14'</p> <p>NXSP30F² Wired NX, PIR Occupancy Sensor, Dimming Daylight Harvesting, 30'</p> <p>NXSWP14F² NX Wireless, PIR Occupancy Sensor, Dimming Daylight Harvesting, 14'</p> <p>NXSWP30F² NX Wireless, PIR Occupancy Sensor, Dimming Daylight Harvesting, 30'</p> <p>NXWE² NX Wireless Enabled</p>	<p>SCL-8F Low voltage sensor for 3rd party wireless controls via 7PR. For mounting heights up to 8'</p> <p>SCL-40F Low voltage sensor for 3rd party wireless controls via 7PR. For mounting heights 9' to 40'</p> <p>SCP-8F Remote control programmable line voltage sensor, use with SCPREMOTE</p> <p>SCP-40F Remote control programmable line voltage sensor, use with SCPREMOTE</p> <p>SWP² Site Sync™ Pre Commission Wireless Module</p> <p>SWPM-40F² Site Sync with Sensor 9' to 40' MH</p> <p>BC³ Backlight Control</p> <p>SF Single Fuse</p> <p>DF Double Fuse</p> <p>TB Terminal Block</p> <p>CLR Clear Lens</p> <p>HDL⁴ Diffuse Lens</p>	<p>SCPREMOTE Remote control for SCP option. Order at least one per project to program and control the occupancy sensor</p> <p>SW7PR SiteSync™ on fixture module via 7PR</p> <p>SWUSB SiteSync™ Software on USB</p> <p>SWTAB SiteSync™ Windows Tablet</p> <p>SWBRG SiteSync™ Wireless Bridge Node</p> <p>SWFC SiteSync™ Field Commission Service</p> <p>WIR-RME-L wiSCAPE™ External Fixture Module</p> <p>NXOFM-1R1D-UNV NX External Control Node</p>

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- 1 Not available with 5QM and 5W distributions.
- 2 Not available in 480V.
- 3 Not available with Type 5 distributions, CLR, or HDL option.
- 4 Only available in Type 3 or Type 5W

Kim Lighting reserves the right to change specifications without notice.

LUMINAIRE PERFORMANCE

LED #	Nominal Lumen Package	Nominal Wattage	Lens Options	Distribution	3000K 70CRI				4000K 70CRI				5000K 70CRI						
					Lumen	BUG Rating			lm/w	Lumen	BUG Rating			lm/w	Lumen	BUG Rating			lm/w
						B	U	G			B	U	G			B	U	G	
100L	20,000	160	No Lens	FR	20843	2	0	2	130	21939	2	0	2	137	22233	2	0	2	139
				FR-BC	12486	1	0	1	78	13142	1	0	1	82	13318	1	0	1	84
				2	19189	3	0	3	120	20198	3	0	3	126	20469	3	0	3	129
				2-BC	10631	1	0	2	66	11190	1	0	2	70	11340	1	0	2	72
				3	19729	2	0	4	123	20766	2	0	4	130	21044	2	0	4	132
				3-BC	9732	1	0	2	61	10244	1	0	2	64	10381	1	0	2	66
				4	19545	2	0	4	122	20573	2	0	4	129	20848	2	0	4	131
				4-BC	11562	1	0	2	72	12170	1	0	2	76	12333	1	0	2	78
				4W	19567	2	0	4	122	20596	2	0	4	129	20872	2	0	4	130
				4W-BC	8203	1	0	2	51	8634	1	0	2	54	8750	1	0	2	56
				5R	20311	4	0	4	127	21379	4	0	4	134	21665	4	0	4	135
				5QM	20697	4	0	2	129	21785	4	0	2	136	22077	4	0	2	137
				5QN	20265	4	0	1	127	21330	4	0	1	133	21616	4	0	1	136
				5W	20116	5	0	3	126	21174	5	0	3	132	21457	5	0	3	134
			Clear Lens	FR	19495	2	0	2	123	20520	2	0	2	130	20795	2	0	2	132
				2	17948	2	0	3	114	18892	3	0	3	120	19145	3	0	3	121
				3	18045	2	0	3	114	18994	2	0	3	120	19248	2	0	3	122
				4	18281	1	0	4	116	19242	2	0	4	122	19500	2	0	4	123
				4W	18302	2	0	4	116	19264	2	0	4	122	19522	2	0	4	124
				5R	18997	4	0	4	120	19996	4	0	4	127	20264	4	0	4	128
				5QM	19359	4	0	2	123	20376	4	0	2	129	20649	4	0	2	131
			5QN	18954	4	0	1	120	19951	4	0	1	126	20218	4	0	1	128	
			5W	18815	5	0	3	119	19804	5	0	3	125	20069	5	0	3	127	
			HDL Lens	3	15474	3	0	3	97	16287	3	0	3	102	16505	3	0	3	104
				5W	16224	3	0	2	102	17076	3	0	2	107	17305	3	0	2	108

Lumen Multiplier		
CCT	80 CRI	90 CRI
3000K	0.9119	0.7033
4000K	0.8941	N/A

Kim Lighting reserves the right to change specifications without notice.

LUMINAIRE PERFORMANCE

LED #	Nominal Lumen Package	Nominal Wattage	Lens Options	Distribution	3000K 70CRI				4000K 70CRI				5000K 70CRI									
					Lumen	BUG Rating			lm/w	Lumen	BUG Rating			lm/w	Lumen	BUG Rating			lm/w			
						B	U	G			B	U	G			B	U	G				
100L	25,000	200	No Lens	FR	24095	2	0	2	122	25362	2	0	2	128	25702	2	0	2	130			
				FR-BC	14434	1	0	1	73	15193	1	0	1	77	15396	1	0	1	78			
				2	22183	3	0	3	112	23349	3	0	3	118	23662	3	0	3	120			
				2-BC	12290	1	0	2	62	12936	1	0	2	65	13109	1	0	2	66			
				3	22807	2	0	4	115	24006	3	0	4	121	24327	3	0	4	123			
				3-BC	11251	1	0	2	57	11842	1	0	2	60	12001	1	0	2	61			
				4	22595	2	0	4	114	23782	2	0	4	120	24101	2	0	4	122			
				4-BC	13366	1	0	3	68	14069	1	0	3	71	14257	1	0	3	72			
				4W	22620	3	0	4	114	23809	3	0	5	120	24128	3	0	5	122			
				4W-BC	9483	1	0	2	48	9982	1	0	2	50	10115	1	0	2	51			
				5R	23480	4	0	4	119	24714	4	0	4	125	25045	4	0	4	126			
				5QM	23927	4	0	2	121	25184	4	0	2	127	25522	4	0	2	129			
				5QN	23427	5	0	1	118	24658	5	0	1	125	24988	5	0	1	126			
				5W	23255	5	0	3	117	24477	5	0	3	124	24805	5	0	3	125			
			Clear Lens	FR	22537	2	0	2	114	23722	2	0	2	120	24039	2	0	2	121			
				2	20749	3	0	3	105	21839	3	0	3	110	22132	3	0	3	112			
				3	21332	2	0	4	108	22453	2	0	4	113	22754	2	0	4	115			
				4	21133	2	0	4	107	22244	2	0	4	112	22542	2	0	4	114			
				4W	21157	2	0	4	107	22270	2	0	4	112	22568	3	0	4	114			
				5R	21961	4	0	4	111	23116	4	0	4	117	23425	4	0	4	118			
				5QM	22379	4	0	2	113	23556	4	0	2	119	23871	4	0	2	121			
				5QN	21912	4	0	1	111	23063	5	0	1	116	23372	5	0	1	118			
			HDL Lens	5W	21751	5	0	3	110	22894	5	0	3	116	23201	5	0	3	117			
				3	18134	3	0	3	92	19087	3	0	3	96	19343	3	0	3	98			
							5W	18490	3	0	2	93	19462	4	0	2	98	19723	4	0	2	100

Lumen Multiplier		
CCT	80 CRI	90 CRI
3000K	0.9119	0.7033
4000K	0.8941	N/A

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LUMINAIRE PERFORMANCE

LED #	Nominal Lumen Package	Nominal Wattage	Lens Options	Distribution	3000K 70CRI				4000K 70CRI				5000K 70CRI						
					Lumen	BUG Rating			lm/w	Lumen	BUG Rating			lm/w	Lumen	BUG Rating			lm/w
						B	U	G			B	U	G			B	U	G	
100L	30,000	240	No Lens	FR	28520	2	0	2	118	30020	2	0	2	125	30422	2	0	2	126
				FR-BC	17085	1	0	1	71	17983	1	0	1	75	18223	1	0	1	76
				2	26257	3	0	4	109	27638	3	0	4	115	28008	3	0	4	116
				2-BC	14547	1	0	2	60	15312	1	0	2	64	15517	1	0	2	64
				3	26995	3	0	4	112	28415	3	0	4	118	28795	3	0	4	119
				3-BC	13317	1	0	2	55	14017	1	0	2	58	14205	1	0	2	59
				4	26744	2	0	4	111	28150	2	0	5	117	28527	2	0	5	118
				4-BC	15821	1	0	3	66	16653	1	0	3	69	16876	1	0	3	70
				4W	26775	3	0	5	111	28182	3	0	5	117	28559	3	0	5	119
				4W-BC	11225	1	0	2	47	11815	1	0	2	49	11973	1	0	2	50
				5R	27792	5	0	5	115	29253	5	0	5	121	29645	5	0	5	123
				5QM	28321	4	0	2	118	29809	5	0	3	124	30209	5	0	3	125
			5QN	27729	5	0	1	115	29187	5	0	1	121	29578	5	0	1	123	
			5W	27525	5	0	4	114	28972	5	0	4	120	29360	5	0	4	122	
			Clear Lens	FR	26676	2	0	2	111	28078	2	0	2	117	28454	2	0	2	118
				2	24559	3	0	3	102	25850	3	0	3	107	26196	3	0	4	109
				3	25249	3	0	4	105	26577	3	0	4	110	26933	3	0	4	112
				4	25014	2	0	4	104	26329	2	0	4	109	26682	2	0	4	111
				4W	25043	3	0	5	104	26359	3	0	5	109	26712	3	0	5	111
				5R	25995	5	0	5	108	27361	5	0	5	114	27728	5	0	5	115
				5QM	26489	4	0	2	110	27882	4	0	2	116	28255	4	0	2	117
5QN	25936	5	0	1	108	27299	5	0	1	113	27665	5	0	1	115				
5W	25745	5	0	3	107	27099	5	0	3	112	27461	5	0	3	114				
HDL Lens	3	21464	3	0	3	89	22593	3	0	3	94	22895	3	0	3	95			
	5W	21886	4	0	2	91	23036	4	0	2	96	23345	4	0	2	97			

Lumen Multiplier		
CCT	80 CRI	90 CRI
3000K	0.9119	0.7033
4000K	0.8941	N/A

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LUMINAIRE PERFORMANCE

LED #	Nominal Lumen Package	Nominal Wattage	Lens Options	Distribution	3000K 70CRI					4000K 70CRI					5000K 70CRI				
					Lumen	BUG Rating			lm/w	Lumen	BUG Rating			lm/w	Lumen	BUG Rating			lm/w
						B	U	G			B	U	G			B	U	G	
100L	35,000	285	No Lens	FR	33175	2	0	2	116	34919	2	0	2	123	35387	2	0	2	124
				FR-BC	19873	1	0	1	70	20918	1	0	1	73	21198	1	0	1	74
				2	30543	3	0	4	107	32149	3	0	4	113	32579	3	0	4	114
				2-BC	16921	1	0	2	59	17811	1	0	2	62	18049	1	0	2	63
				3	31402	3	0	5	110	33052	3	0	5	116	33495	3	0	5	118
				3-BC	15490	1	0	3	54	16305	1	0	3	57	16523	1	0	3	58
				4	31109	2	0	5	109	32745	2	0	5	115	33183	2	0	5	116
				4-BC	18403	1	0	3	65	19371	1	0	3	68	19630	1	0	3	69
				4W	31145	3	0	5	109	32782	3	0	5	115	33221	3	0	5	117
				4W-BC	13057	1	0	3	46	13743	1	0	3	48	13927	1	0	3	49
				5R	32328	5	0	5	113	34028	5	0	5	119	34483	5	0	5	121
				5QM	32943	5	0	3	116	34675	5	0	3	122	35139	5	0	3	123
				5QN	32255	5	0	1	113	33951	5	0	1	119	34405	5	0	1	121
				5W	32018	5	0	4	112	33701	5	0	4	118	34152	5	0	4	120
			Clear Lens	FR	31030	2	0	2	109	32661	2	0	2	115	33098	2	0	2	116
				2	28568	3	0	4	100	30069	3	0	4	106	30472	3	0	4	107
				3	29371	3	0	4	103	30915	3	0	5	108	31329	3	0	5	110
				4	29097	2	0	5	102	30627	2	0	5	107	31037	2	0	5	109
				4W	29130	3	0	5	102	30662	3	0	5	108	31072	3	0	5	109
				5R	30237	5	0	5	106	31827	5	0	5	112	32253	5	0	5	113
				5QM	30813	5	0	3	108	32432	5	0	3	114	32867	5	0	3	115
				5QN	30169	5	0	1	106	31755	5	0	1	111	32180	5	0	1	113
			5W	29947	5	0	4	105	31521	5	0	4	111	31944	5	0	4	112	
			HDL Lens	3	24968	3	0	3	88	26280	3	0	3	92	26632	3	0	3	93
				5W	25458	4	0	3	89	26796	4	0	3	94	27155	4	0	3	95

Lumen Multiplier		
CCT	80 CRI	90 CRI
3000K	0.9119	0.7033
4000K	0.8941	N/A

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SPECIFICATIONS

Housing:

- Low copper aluminum alloy die-casting is designed as one-piece with internal cooling fins.
- Solid, cast aluminum wall creates a thermal barrier between the optical and electrical compartments.
- Molded silicone gasket throughout insures the sealing between the two compartments and provides ingress protection.
- Housing is designed with integral LED heat sink utilized for thermal transfer and for securing the location of each LED module.
- IK09 rated enclosure protects electrical equipment against external mechanical impacts.

Lens Frame:

- One-piece low copper aluminum alloy die-cast is secured to housing with 6 screws.

Backlight Control

- Optional Backlight Control on each LED module to completely control unwanted backlight.

Lens

One-piece flat glass lens slips secure with clips. Extra silicone gasketing is provided to retain a clear optical compartment.

Optical Module:

- LEDs shall be mounted to a metal printed circuit board assembly (MCPCB).
- Optical lenses shall be clear injection molded PMMA acrylic.
- Each MCPCB and optic shall be sealed to the diecast housing and sealed with a continuous one piece injection molded silicone rubber gasket.
- Patent Pending design of optical array shall independently shield each LED optic across the length of the aperture.
- Optional fixture finish optical surfaces shall not exceed BUG ratings of the standard white finish and shall be greater than or equal to the delivered lumens of the optional matte black optical surface finish.

Electrical Components

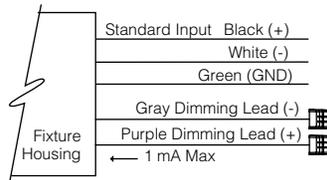
- Standard programmable driver allows for programmable drive current settings.
- Electrical components are strategically located in the driver gear compartment with a molded silicon grommet seal to provide separation from the optical chamber.
- Maximum lightning surge current 20KA with thermally protected varistor technology. Surge suppression is series circuited preventing

total fixture failure. ANSI/IEEE C62.41 Category C High.

- Open circuit fault will turn off the luminaire in order to protect the sensitive electronics and acts as a signal for maintenance.
- Programmable Driver is rated for -40°C starting.
- "Thermal Shield", primary side, thermister provides protection for the sustainable life of electronic components (350mA to 700mA).

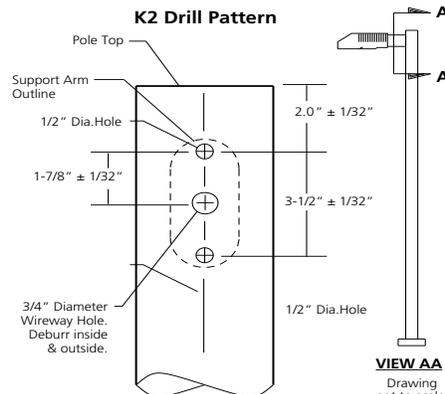
Dimming:

- Dimming range from 100% to 10% through the use of the standard 0-10V interface on the programmable driver.
- Modular wiring harness in the service area provides user access to the dimming circuitry.
- Dimming circuitry compatible with 0-10V, user-defined control devices.
- Optional factory programmed dimming profile.



Support Arm:

- Die-cast, low copper aluminum alloy, with splice access cover.
- Die-cast pole adaptor and an internal reinforcing plate are provided with a wire strain relief.
- The arm adaptor is square or circular cut for specified pole size and shape.
- For field wire connections, a terminal block is mounted in the arm cavity and accessible behind the splice access cover. The block accepts #14 to #8 wire sizes and is factory prewired to the electrical module's quick-disconnect plug inside the electrical compartment.



Optional Slip-Fitter:

- Internally accessible slip-fitter attaches to a 1-1/4" to 2-3/8" tenon and allows hands-free wiring and maintenance.

Optional Wall Mount:

- Optional, cast aluminum mounting plate attaches to a wall over a junction box and the speed mount is bolted to the cover plate. To complete the wiring, the luminaire assembly slides over the mounting plate.

Fusing:

SF for 120, 277, and 347 Line volts

DF for 208, 240, and 480 Line volts

High temperature fuse holders factory installed inside the fixture housing.

Fuse is included.

Finish:

Fade and abrasion resistant, electrostatically applied, thermally cured, triglycidal isocyanurate (TGIC) polyester powdercoat.

Standard colors include (BL) Black, (DB) Dark Bronze, (GT) Graphite, (PS) Platinum Silver, (LG) Light Gray, (TT) Titanium, (WH) White, and (CC) Custom Color (Include RAL#).

Certifications and Listings:

- UL 1598 Standard for Luminaires.
- UL 8750 Standard for Safety for Light

CAUTION:

Fixtures must be grounded in accordance with national, state and/or local electrical codes. Failure to do so may result in serious personal injury.

WARRANTY:

For full warranty see: <http://www.hubbellighting.com/resources/warranty>

Kim Lighting reserves the right to change specifications without notice.

CONTROLS

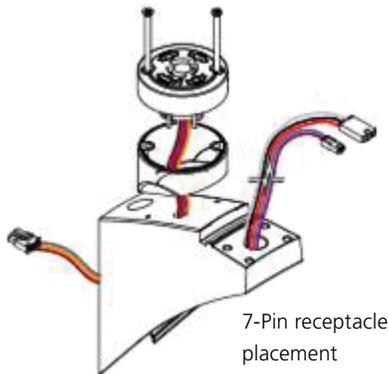
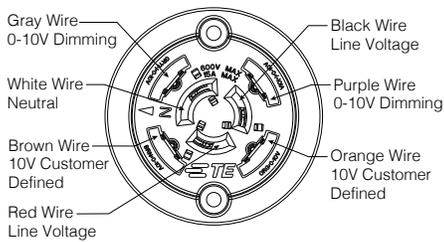
Photocell Receptacle

7PR

Fully gasketed and wired 7-pin receptacle option. Easy access location above the electrical compartment. 7-pin construction allows for a user-defined interface and provides a controlled definition of operational performance. ANSI twist-lock control module by-others.

Standard customer operation modes:

1. Traditional on/off photoelectric control.
2. 5-pin wireless photoelectric control for added dimming feature.
3. 7-pin wireless photoelectric control for dimming and additional I/O connections for customer use.



- Factory default settings for SCP option shall be:- High mode: 10V - Low mode: 1V - Ramp-uprate: disabled - Fade-down rate: disabled -Photocell: Off - Sensitivity: Full - Time Delay: Fade to low: 5 minutes - Time Delay: Fade to off: 1 hour
- The SCP enables any wall mounted luminaire, in excess of 75 watts, to meet California Title 24 requirements with integral 10KA surge protection for added reliability and serviceability. For more detail: http://www.aal.net/products/sensor_control_programmable

AstroDIM

AstroDIM provides multi-stage night-time power reduction based on an internal timer referenced to the power on/off time. There is no need for an external control infrastructure. The unit automatically performs a dimming profile based on the predefined scheduled reference to the midpoint, which is calculated based on the power on/off times.

SiteSync™¹

SiteSync™ wireless control system for reduction in energy and maintenance cost while optimizing light quality 24/7. See ordering information or visit www.hubbelllighting.com/products/sitesync for more details.

Wireless Controls

- Optional universal voltage (120-277V) for dusk to dawn energy savings. Photocontrol is factory installed inside the housing with a fully gasketed sensor on the side wall. For multiple fixture mountings, one fixture is supplied with a photocell to operate the others.
- Occupancy Sensor shall be programmable and use passive infrared (PIR) sensing technology that reacts to changes in infrared energy (moving body heat) within the coverage area. Careful consideration must be given to obstructions that may block the sensor's line of sight.

¹PRECOMMISSIONED SITESYNC ORDERING INFORMATION: When ordering a fixture with the SiteSync lighting control option, additional information will be required to complete the order. The SiteSync Commissioning Form or alternate schedule information must be completed. This form includes Project location, Group information, and Operating schedules. For more detailed information please visit www.HubbellLighting.com/products/sitesync or contact Hubbell Lighting tech support at (800) 345-4928. SiteSync fixtures with occupancy sensor (SWPM) require the mounting height of the fixture for selection of the lens.

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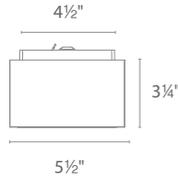
²Voltage, ³Color, ⁴Pole Diameter,

BLOC – model: FM-W9200

LED Outdoor Flush Mount



Flush Mount
FM-W9200



Fixture Type: **SL3**

Catalog Number: **FM-W9200-30-WT**

Project: **OSD**

Location: _____

PRODUCT DESCRIPTION

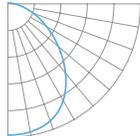
This die cast aluminum LED wall luminaire is wet location listed for a broad range of exterior lighting applications. Designed with a square profile, this version of Bloc mounts upwards or downwards.

FEATURES

- CEC Title 24 Compliant
- Universal driver (120V-220V-277V)
- **Color Temp: 3000K** 2700K and 4000K available special order
- **CRI: 90**

SPECIFICATIONS

- Construction:** Die cast aluminium construction with silk-screened glass
- Light Source:** High output LED.
- Dimming:** Dims to 10% with an electronic low voltage (ELV) dimmer.
- Mounting:** Mounts directly to junction box.
- Finish:** Brushed Aluminum (AL), Black (BK), Bronze (BZ), Graphite (GH), White (WT)
- Standards:** ETL & cETL Wet location listed. IP-66 rated
CEC Title 24 Compliant

Type	Model	Wattage	LED Lumens	Delivered Lumens	Rated Life	Photometric	Finish
 Flush Mount	FM-W9200	15.5W	1167	945	71,000 hr		AL <i>Brushed Aluminum</i> BK <i>Black</i> BZ <i>Bronze</i> GH <i>Graphite</i> WT <i>White</i>

Example: **FM-W9200-WT**
For 2700K add "-27"; 4000K add "-40" before the finish: **FM-W9200-27-WT**

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Phone (800) 526.2588
Fax (800) 526.2585

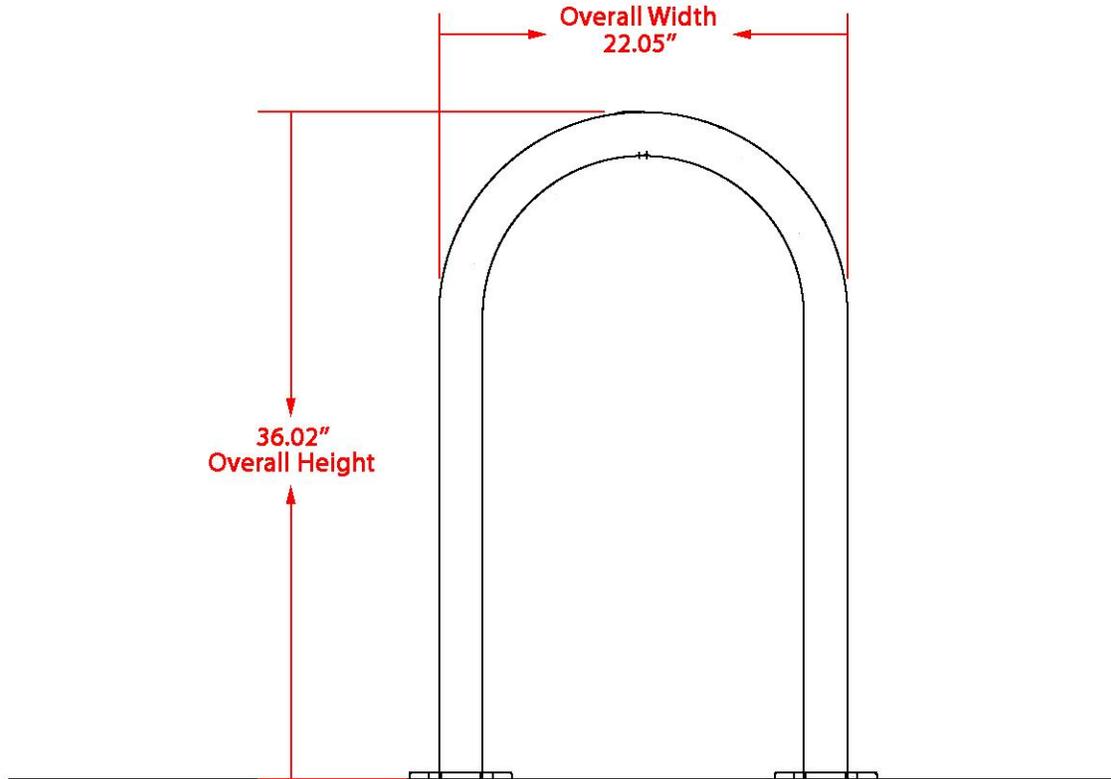
Headquarters/Eastern Distribution Center
44 Harbor Park Drive
Port Washington, NY 11050

Central Distribution Center
1600 Distribution Ct
Lithia Springs, GA 30122

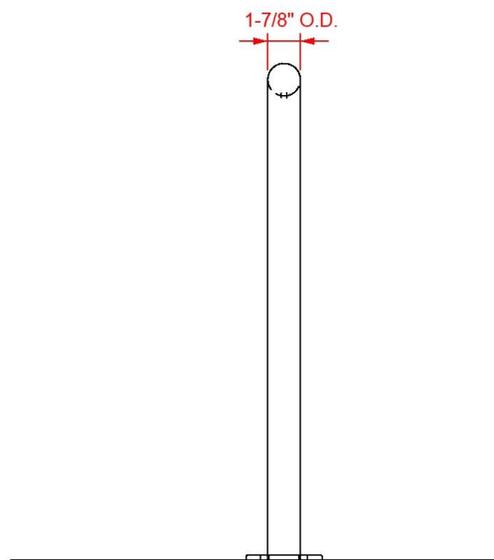
Western Distribution Center
1750 Archibald Avenue
Ontario, CA 91760

Specification Sheet

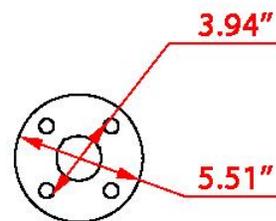
Park-It 2 Bike Rack, Surface Mount



Front View

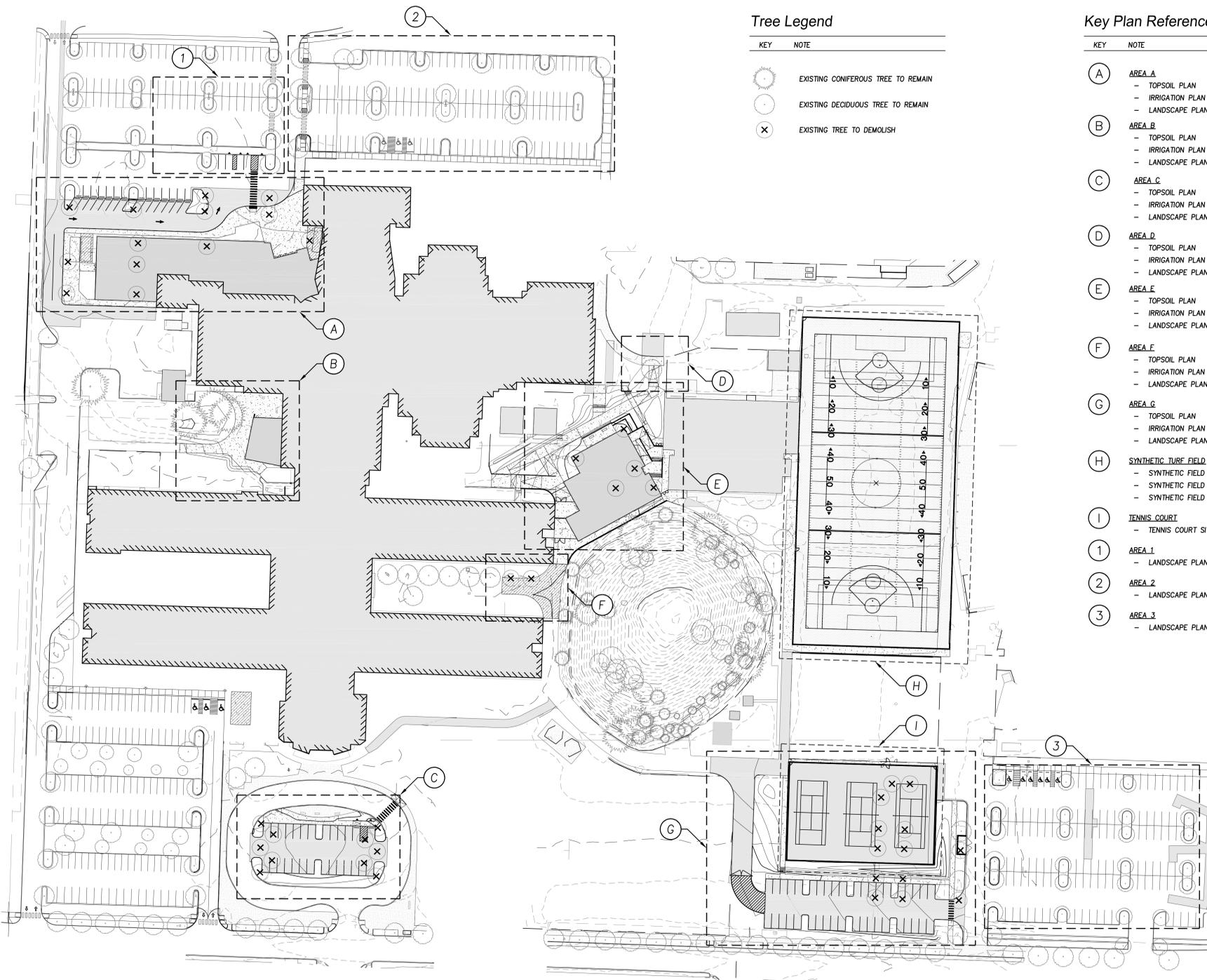


Side View



Surface Mount Plate

Material	Finish	Dimensions	Weight
Steel tubing	Powder-coated black	22.05" w x 36.02" h Footprint: 25.2" w x 36.02" h	22 lbs.
Type of Mount:	Surface mount		
Size of Tubing:	1-7/8" O.D. x 11-gauge		

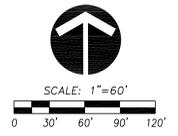


Tree Legend

KEY	NOTE
	EXISTING CONIFEROUS TREE TO REMAIN
	EXISTING DECIDUOUS TREE TO REMAIN
	EXISTING TREE TO DEMOLISH

Key Plan Reference Notes

KEY	NOTE	REFERENCE	PHASE
(A)	AREA A - TOPSOIL PLAN - IRRIGATION PLAN - LANDSCAPE PLAN	SHEET L4.0 SHEET L5.0 SHEET L6.0	2
(B)	AREA B - TOPSOIL PLAN - IRRIGATION PLAN - LANDSCAPE PLAN	SHEET L4.0 SHEET L5.0 SHEET L6.0	2
(C)	AREA C - TOPSOIL PLAN - IRRIGATION PLAN - LANDSCAPE PLAN	SHEET L4.0 SHEET L5.0 SHEET L6.0	1
(D)	AREA D - TOPSOIL PLAN - IRRIGATION PLAN - LANDSCAPE PLAN	SHEET L4.0 SHEET L5.0 SHEET L6.0	1
(E)	AREA E - TOPSOIL PLAN - IRRIGATION PLAN - LANDSCAPE PLAN	SHEET L4.0 SHEET L5.0 SHEET L6.0	1
(F)	AREA F - TOPSOIL PLAN - IRRIGATION PLAN - LANDSCAPE PLAN	SHEET L4.0 SHEET L5.0 SHEET L6.0	1
(G)	AREA G - TOPSOIL PLAN - IRRIGATION PLAN - LANDSCAPE PLAN	SHEET L4.0 SHEET L5.0 SHEET L6.0	1
(H)	SYNTHETIC TURF FIELD - SYNTHETIC FIELD SITE PLAN - SYNTHETIC FIELD GRADING PLAN - SYNTHETIC FIELD SUBSURFACE DRAINAGE	SHEET L2.0 SHEET L2.1 SHEET L2.2	3
(I)	TENNIS COURT - TENNIS COURT SITE & GRADING PLAN	SHEET L3.0	3
(1)	AREA 1 - LANDSCAPE PLAN	SHEET L6.2	1
(2)	AREA 2 - LANDSCAPE PLAN	SHEET L6.2	1
(3)	AREA 3 - LANDSCAPE PLAN	SHEET L6.2	1



SCHEMATIC DESIGN

**OLYMPIA HIGH SCHOOL
ADDITION AND
MODIFICATIONS**
OLYMPIA SCHOOL DISTRICT

BLRB architects

TACOMA 1250 Pacific Ave. Suite 100 Tacoma, WA 98402 253.627.5599 BLRB.com	SPOKANE 505 W Riverside Suite 200 Spokane, WA 99201 509.252.5888	PORTLAND 1001 SW 5th Avenue Suite 1100 Portland, OR 97204 503.535.0707	BEND 404 SW Columbia Suite 200 Bend, OR 97702 541.339.6506
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Drawing Title:
Site Key Plan

Date: 02/22/2019	Drawn By: D. RATKUS
Revised:	Project No. 1749
Stamp	Sheet No.

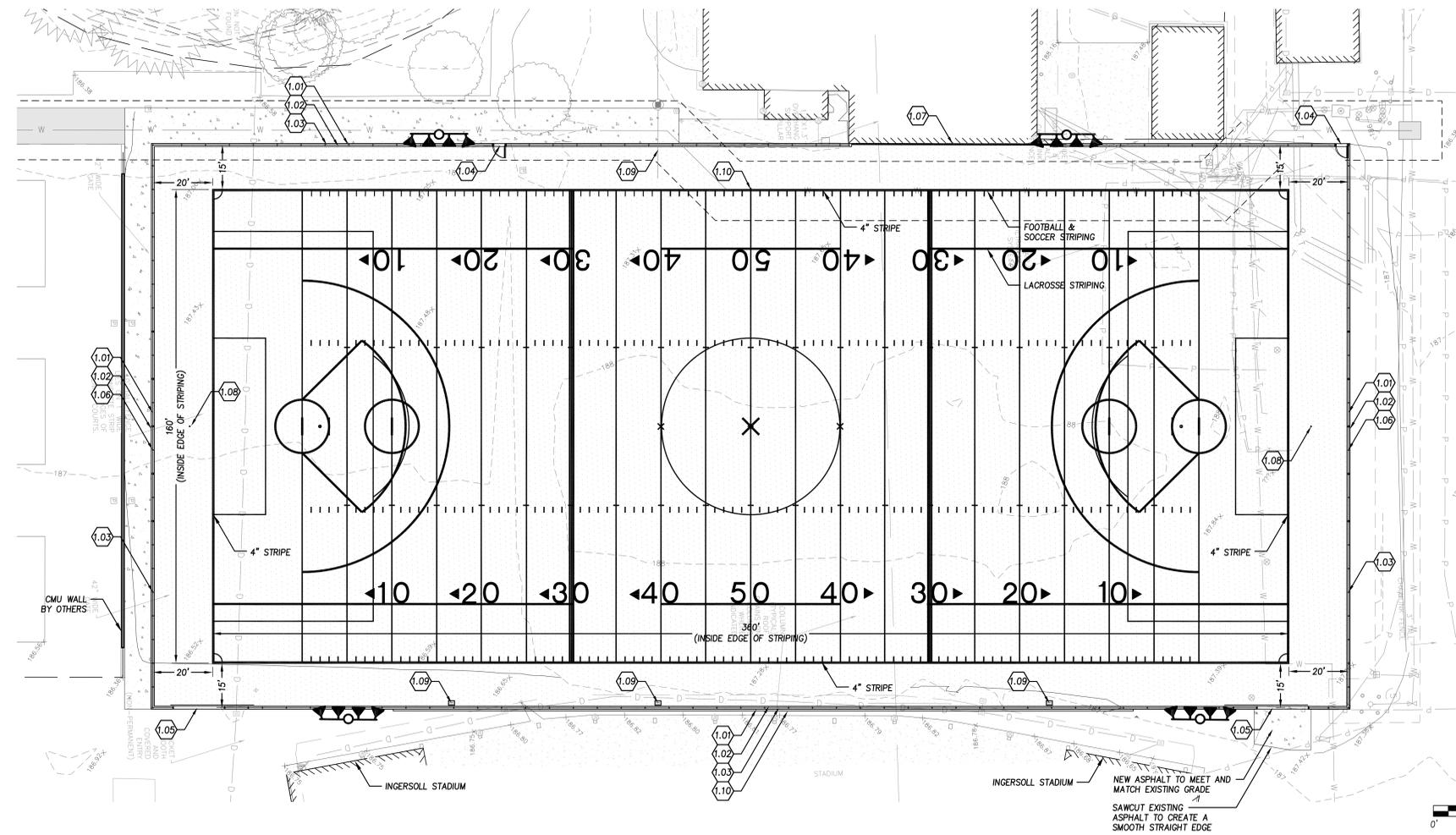
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of

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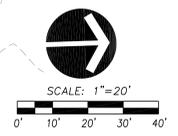


Materials Legend
symbol / key Treatment

- LED SPORTS FIELD ILLUMINATION
● 30 FOOT-CANDLES / SEE ELECTRICAL SHEETS
- SYNTHETIC FIELD TURF / SHEET L2.4

Site Material Reference Notes

1.0	SITE DETAILS	DETAIL/SHEET
1.01	CONCRETE CURB	2/L2.4
1.02	PERIMETER NAILER AT CONCRETE CURB	3/L2.4
1.03	8' CHAIN LINK FENCE	1/L2.5
1.04	4' WIDE FENCE GATE	-/L2.5
1.05	17' WIDE SLIDING FENCE GATE	2/L2.5
1.06	ERRANT BALL SCREEN	1/L2.6
1.07	WALL PADDING	-/L2.4
1.08	FOOTBALL GOAL POST	5,6,&7/L2.4
1.09	CATCH BASIN ● SYNTHETIC TURF	6&7/L2.3
1.10	TRENCH DRAIN	-/L2.3



SCHEMATIC DESIGN
OLYMPIA HIGH SCHOOL
ADDITION AND
MODIFICATIONS
OLYMPIA SCHOOL DISTRICT

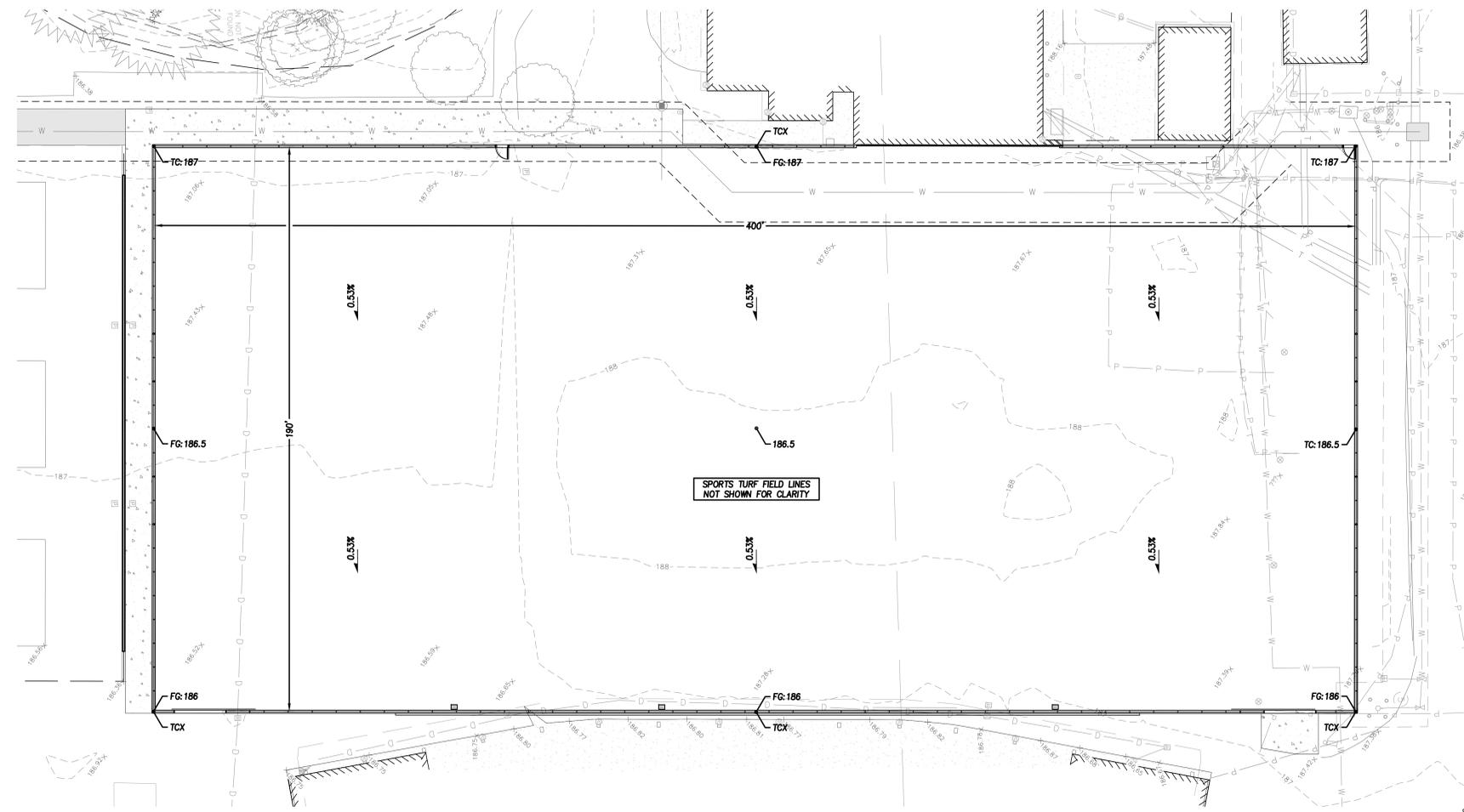
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454 9th Columbia Suite 200 Oregon 97102 541.329.6596

Drawing Title:
Synthetic Field
Site Plan

Date : 02/22/2019	Drawn By : D. RATKUS
Revised :	Project No. 1749
Stamp	Sheet No.
	L2.0
	of

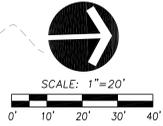
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Grading Legend

symbol / key	Note
—	PROPOSED CONTOURS
- - -	EXISTING CONTOURS
XXX	PROPOSED SPOT ELEVATION
X	PROPOSED SLOPE
TC	TOP OF CURB
TCX	TOP OF CURB = EXISTING GRADE
FG	FINISH GRADE AT FACE OF CURB



SCHMATIC DESIGN

**OLYMPIA HIGH SCHOOL
ADDITION AND
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OLYMPIA SCHOOL DISTRICT

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Drawing Title:
**Synthetic Field
Grading Plan**

Date : 02/22/2019	Drawn By : D. RATKUS
Revised :	Project No. 1749
Stamp	Sheet No.

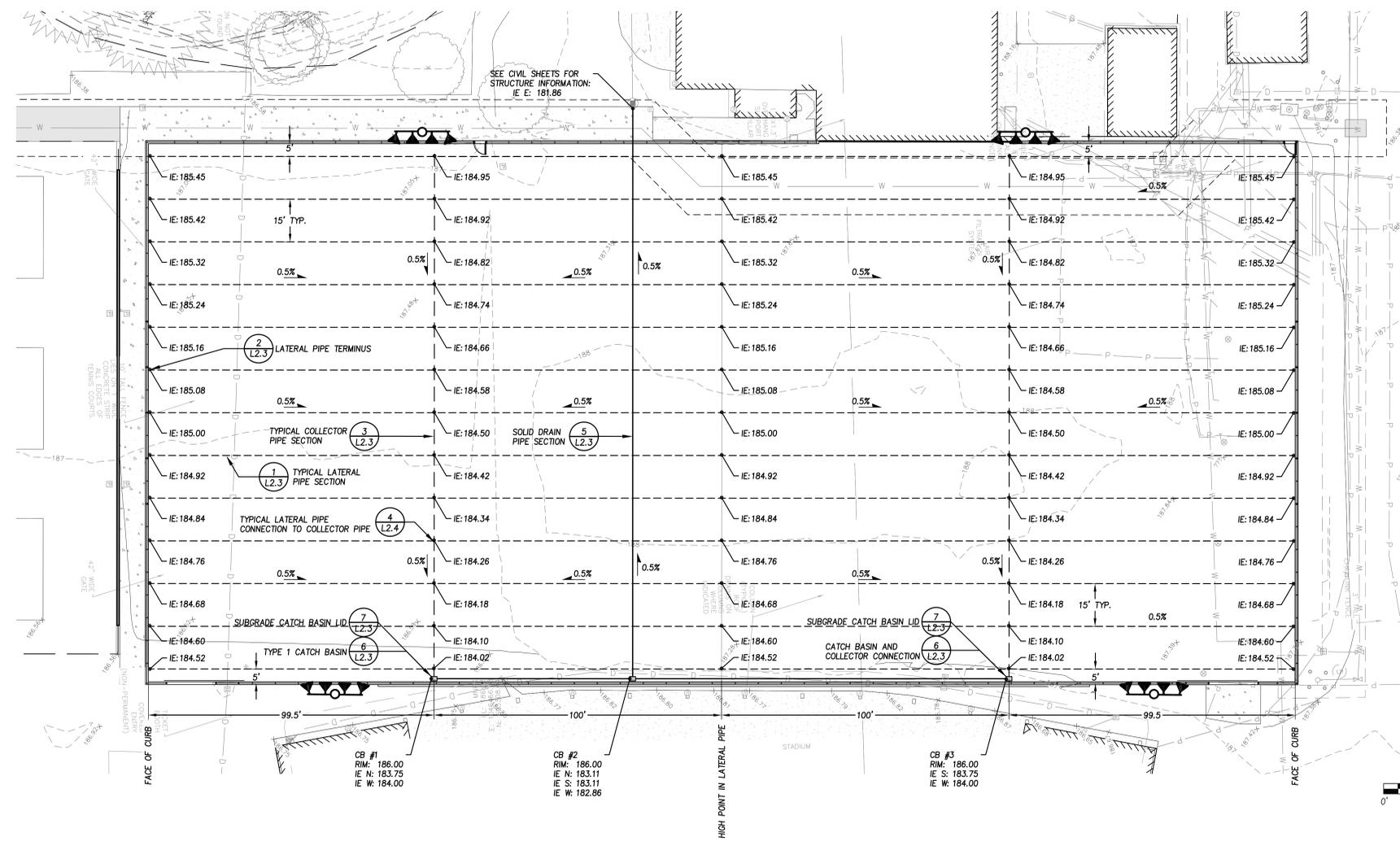
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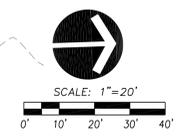
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Drainage Legend

symbol / key	Note
—	12" SOLID DRAIN PIPE
- - -	6" CORRUGATED COLLECTOR PIPE
- · - · -	4" SLOTTED CORRUGATED LATERAL PIPE
XXX.X	PROPOSED PIPE INVERT ELEVATION
X%	PROPOSED PIPE SLOPE
▣	TYPE 1 CATCH BASIN
IE	INVERT ELEVATION
N	NORTH
S	SOUTH
E	EAST
W	WEST



CB #1
RIM: 186.00
IE N: 183.75
IE S: 183.11
IE W: 184.00

CB #2
RIM: 186.00
IE N: 183.11
IE S: 183.75
IE W: 182.86

CB #3
RIM: 186.00
IE S: 183.75
IE W: 184.00

SCHEMATIC DESIGN
OLYMPIA HIGH SCHOOL ADDITION AND MODIFICATIONS
 OLYMPIA SCHOOL DISTRICT

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Drawing Title:
Synthetic Field Subsurface Drainage Plan

Date : 02/22/2019	Drawn By : D. RATKUS
Revised :	Project No. 1749
Stamp	Sheet No.

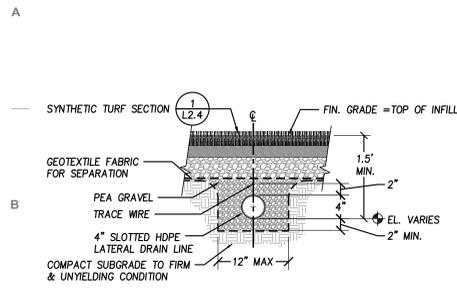
L2.2

of

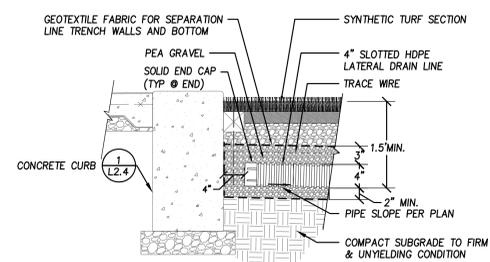
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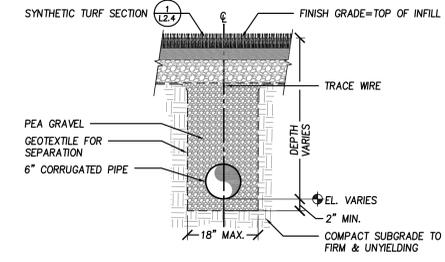
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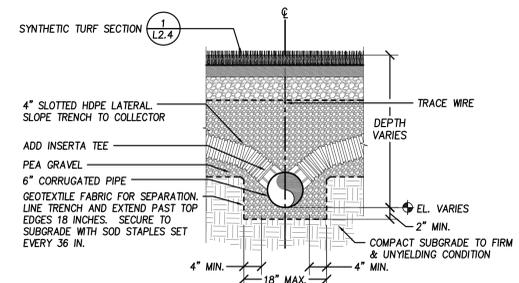
1 Typical Lateral Pipe Section
L2.3 SCALE: 1" = 1'-0"



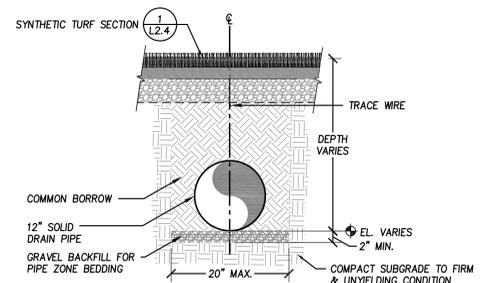
2 Lateral Pipe at Terminus
L2.3 SCALE: 1" = 1'-0"



3 Typical Collector Pipe Section
L2.3 SCALE: 1" = 1'-0"



4 Lateral Pipe Connection to Collector Pipe
L2.3 SCALE: 1" = 1'-0"



5 Solid Drain Pipe Section
L2.3 SCALE: 1" = 10'-0"

FRAME & GRATE: SEE DETAIL 7 ON THIS SHEET FOR FRAME AND GRATE CONSTRUCTION

RECTANGULAR ADJUSTMENT SECTION

PRECAST BASE SECTION

ALTERNATIVE PRECAST BASE SECTION

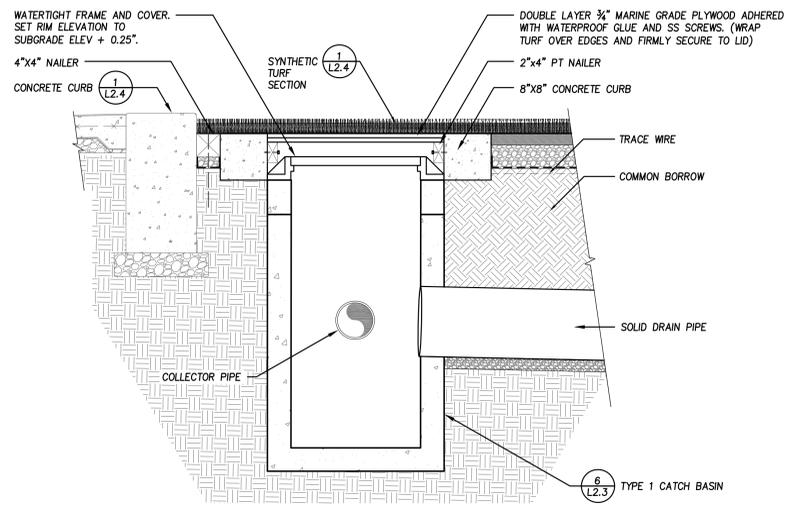
CATCH BASIN TYPE 1

PIPE MATERIAL	MAXIMUM INSIDE DIAMETER (INCHES)
REINFORCED OR POLYCONCRETE	12"
ALL METAL PIPE	18"
CONCRETE	12"
SMALL-DIA. SOD (SEE SPEC. SECT. 9-65.20)	18"
SMALL-DIA. SOD (SEE SPEC. SECT. 9-65.120)	18"
SMALL-DIA. SOD (SEE SPEC. SECT. 9-65.130)	18"

NOTES

- As acceptable alternatives to the rebar shown in the PRECAST BASE SECTION, fibers (placed according to the Standard Specifications) or wire mesh having a minimum area of 0.12 square inches per foot shall be used with the minimum required rebar shown in the ALTERNATIVE PRECAST BASE SECTION. Wire mesh shall not be placed in the knockouts.
- The knockout diameter shall not be greater than 20" (6). Knockouts shall have a wall thickness of 2" (6) minimum to 2.2" (6) maximum. Provide a 1/2" (6) minimum gap between the knockout wall and the outside of the pipe. After the pipe is installed, fill the gap with joint mortar in accordance with Standard Specification Section 9-64.3.
- The maximum depth from the finished grade to the lowest pipe invert shall be 5' (5).
- The frame and grate may be installed with the flange down, or integrally cast into the adjustment section with flange up.
- The Precast Base Section may have a rebar floor, and the walls may be sloped at a rate of 1:24 or steeper.
- The opening shall be measured at the top of the Precast Base Section.
- All pickup holes shall be grouted full after the basin has been placed.

6 Type 1 Catch Basin
L2.3 NOT TO SCALE



7 Subgrade Catch Basin Lid
L2.3 SCALE: 1" = 1'-0"



SCHEMATIC DESIGN

OLYMPIA HIGH SCHOOL ADDITION AND MODIFICATIONS
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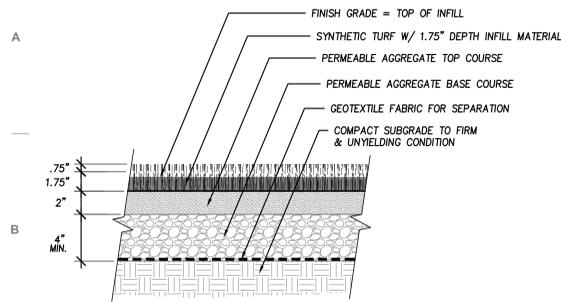
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Drawing Title:
Synthetic Field Subsurface Drainage Details

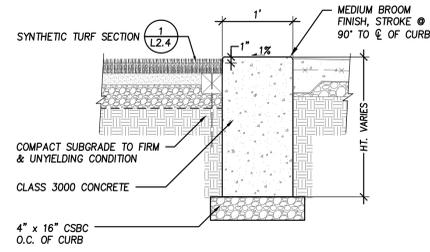
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Revised:	Project No. 1749
Stamp	Sheet No.

L2.3
 of

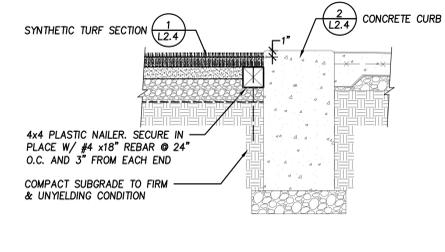
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1 Synthetic Turf Section
L2.4 SCALE: 2" = 1'-0"



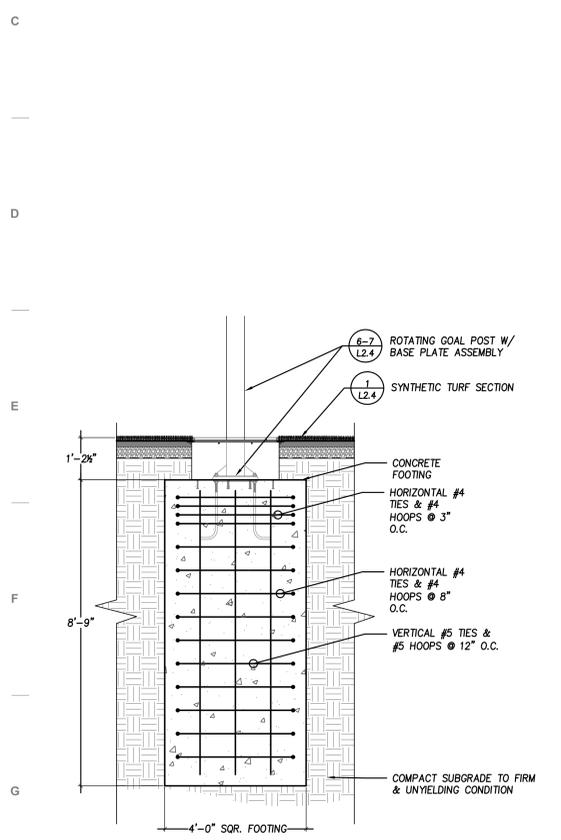
2 Concrete Curb
L2.4 SCALE: 1" = 1'-0"



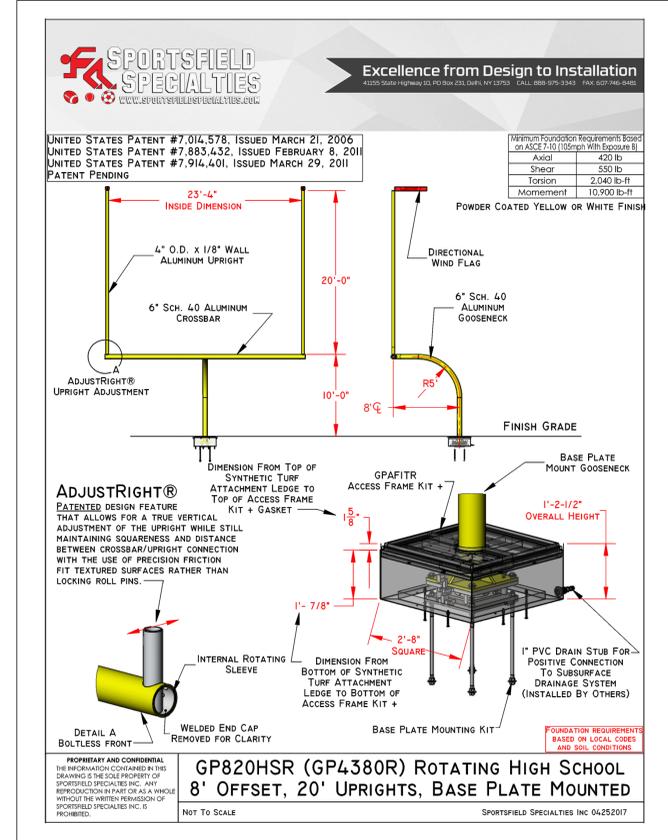
3 Perimeter Nailer @ Concrete Curb
L2.4 SCALE: 1" = 1'-0"



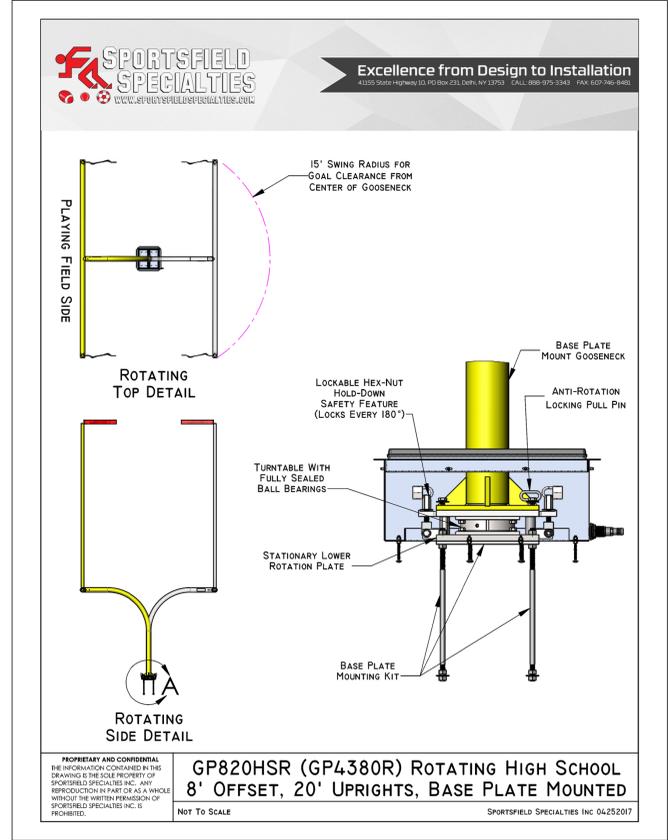
4 Wall Padding
L2.4 NOT TO SCALE



5 Perimeter Nailer @ Goal Post
L2.4 SCALE: 1/2" = 1'-0"



6 Goal Post Installation Detail A
L2.4 NOT TO SCALE



7 Goal Post Installation Detail B
L2.4 NOT TO SCALE

SCHEMATIC DESIGN

OLYMPIA HIGH SCHOOL ADDITION AND MODIFICATIONS
 OLYMPIA SCHOOL DISTRICT

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Drawing Title:
Synthetic Field Construction Details

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Revised:	Project No. 1749
Stamp	Sheet No.

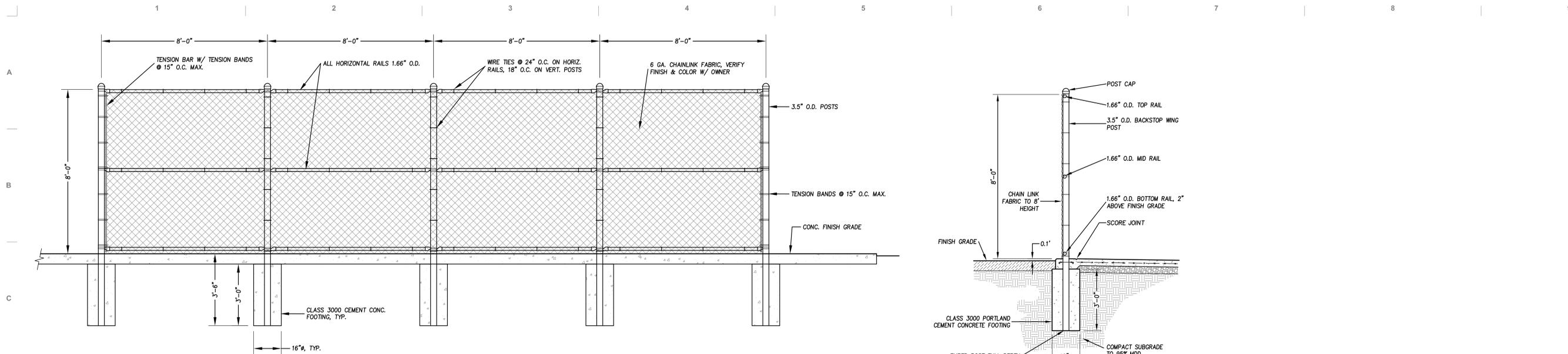
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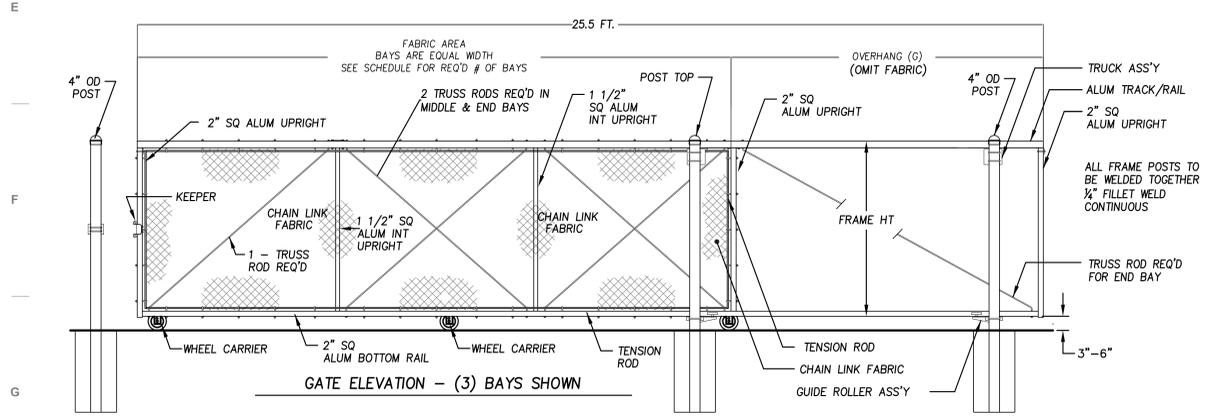
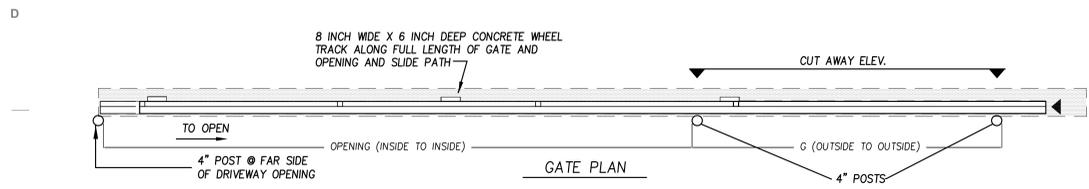
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1 8' Chain Link Fence
L2.5 NOT TO SCALE



OPENING	LENGTH (L)	GATE POSTS (G)	BAYS	OVERHANG
1/S POST FACE TO 1/S POST FACE	O/S DIM OF GATE LEAF	O/S POST FACE TO O/S POST FACE	NUMBER OF BAYS WITH CHAIN LINK	NUMBER OF BAYS WITHOUT CHAIN LINK
6'-0"	12'-9"	6'-6"	(1) ONE	(1) ONE
7'-0"	13'-9"	6'-6"	(1) ONE	(1) ONE
8'-0"	14'-9"	6'-6"	(1) ONE	(1) ONE
9'-0"	15'-9"	6'-6"	(2) TWO	(1) ONE
10'-0"	16'-9"	6'-6"	(2) TWO	(1) ONE
11'-0"	18'-9"	7'-6"	(2) TWO	(1) ONE
12'-0"	19'-9"	7'-6"	(2) TWO	(1) ONE
13'-0"	20'-9"	7'-6"	(2) TWO	(1) ONE
14'-0"	21'-9"	7'-6"	(2) TWO	(1) ONE
15'-0"	25'-3"	10'-0"	(2) TWO	(1) ONE
16'-0"	26'-3"	10'-0"	(2) TWO	(1) ONE
17'-0"	27'-3"	10'-0"	(3) THREE	(1) ONE
18'-0"	28'-3"	10'-0"	(3) THREE	(1) ONE
19'-0"	29'-3"	10'-0"	(3) THREE	(1) ONE
20'-0"	30'-3"	10'-0"	(3) THREE	(1) ONE
21'-0"	31'-3"	10'-0"	(3) THREE	(1) ONE
22'-0"	32'-3"	10'-0"	(3) THREE	(1) ONE

2 17' Sliding Gate
L2.5 NOT TO SCALE

SCHEMATIC DESIGN
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Drawing Title:
Synthetic Field Construction Details

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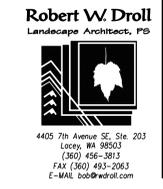
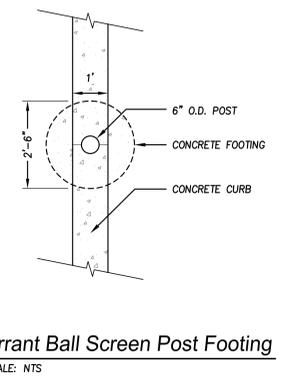
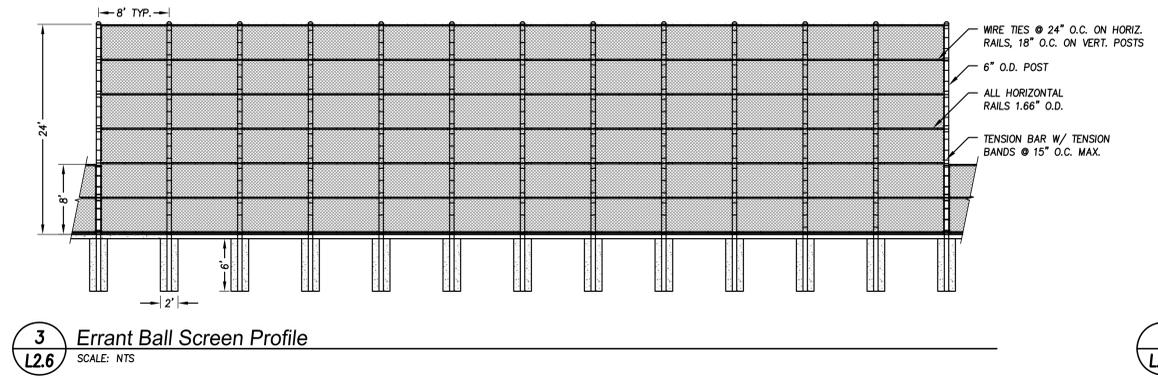
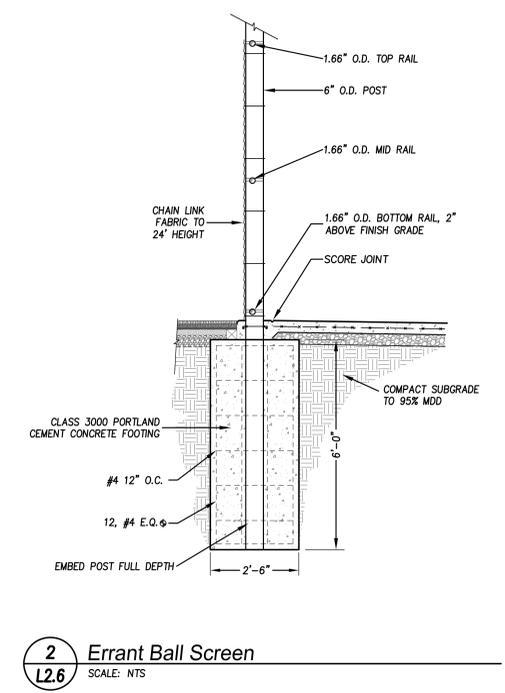
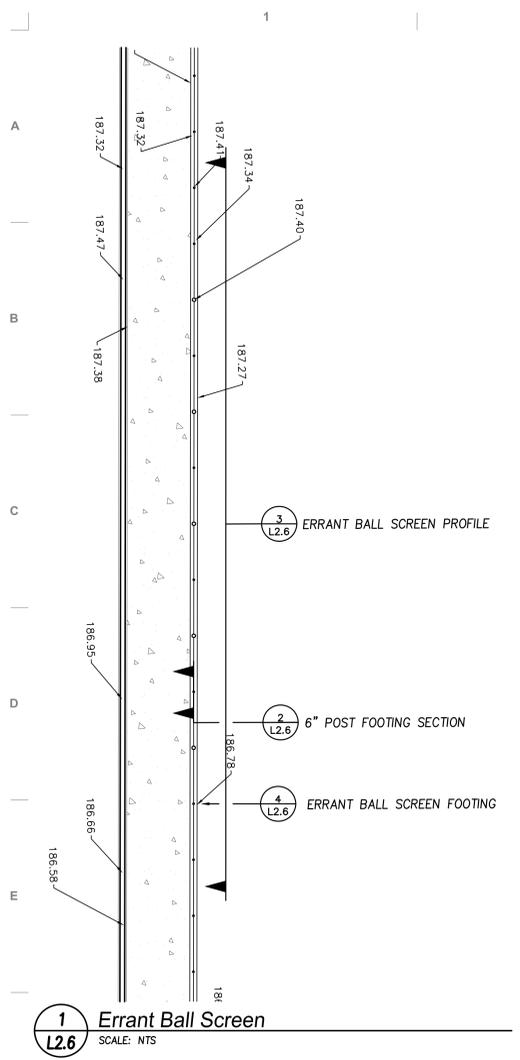
L2.5

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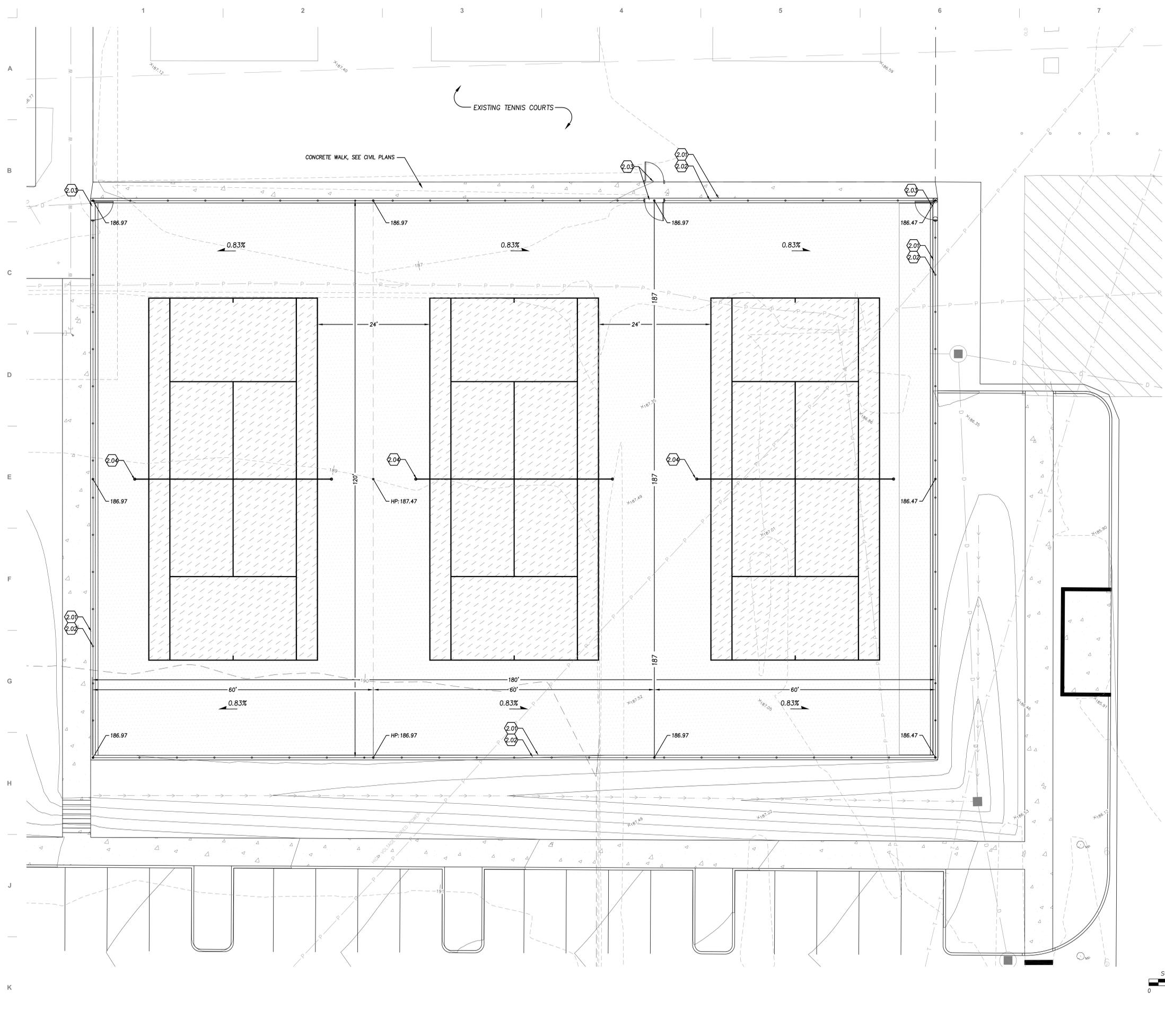
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**Synthetic Field
Construction Details**

Date : 02/22/2019	Drawn By : D. RATKUS
Revised :	Project No. 1749
Stamp	Sheet No.

L2.6

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Materials Legend

symbol / key	Treatment
[Hatched Box]	TENNIS COURT SURFACING / SHEET 3.1

Grading Legend

symbol / key	Note
[Solid Line]	PROPOSED CONTOURS
[Dashed Line]	EXISTING CONTOURS
[XXX.X]	PROPOSED SPOT ELEVATION
[XX%]	PROPOSED SLOPE
[HP]	HIGH POINT

Site Material Reference Notes

2.0	SITE DETAILS	DETAIL/SHEET
2.01	CONCRETE CURB	6/L3.1
2.02	10" CHAIN LINK FENCE	1/L3.1
2.03	4" WIDE FENCE GATE	2/L3.1
2.04	POST AND NET	5/L3.1

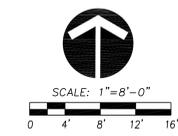
SCHEMATIC DESIGN
OLYMPIA HIGH SCHOOL
ADDITION AND
MODIFICATIONS
 OLYMPIA SCHOOL DISTRICT

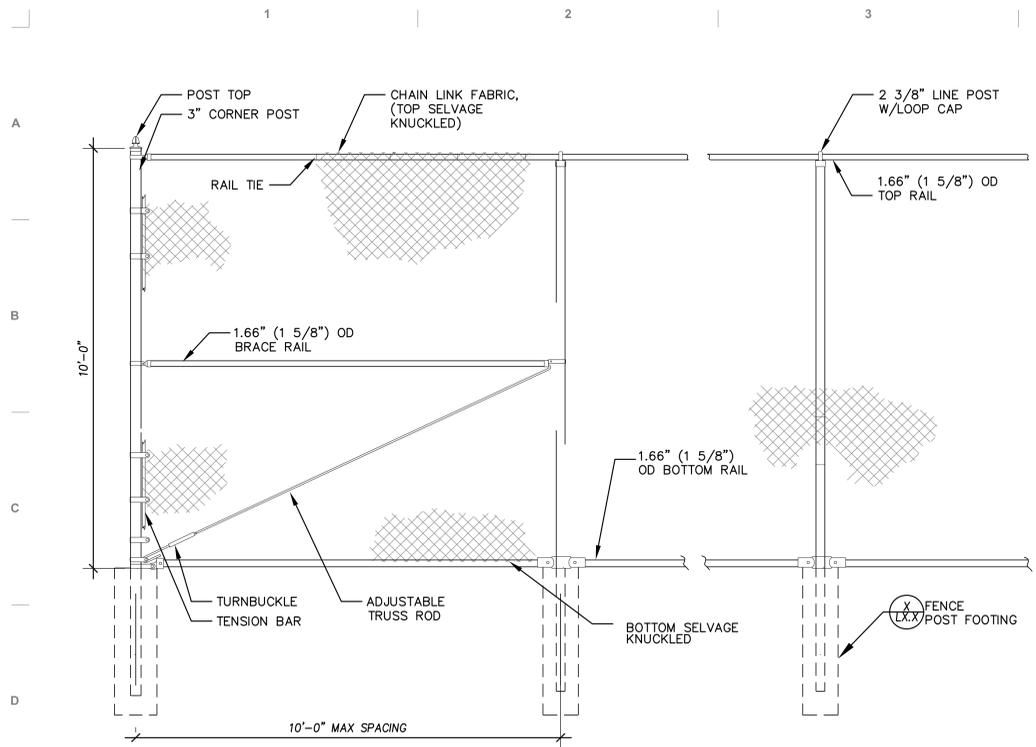
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Drawing Title:
Tennis Court Site & Grading Plan

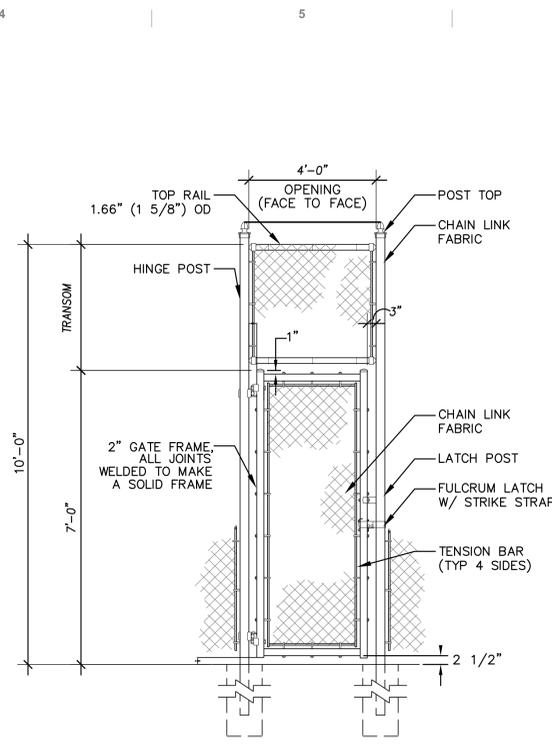
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	L3.0
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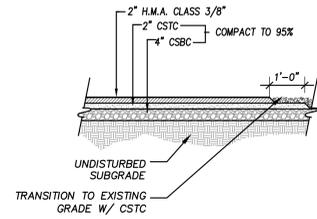




1 10' Chain Link Fence
L3.1 NOT TO SCALE

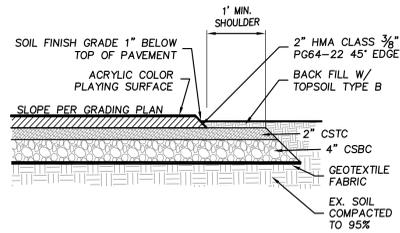


2 Tennis Court Gate, 4' Wide
L3.1 NOT TO SCALE



NOTES:
1. MEET & MATCH SLOPES OF ADJACENT PAVED & GRAVEL SURFACES.
2. PROVIDE POSITIVE DRAINAGE AWAY FROM BUILDING.
3. PAVED SURFACES SHALL HAVE UNIFORM SLOPE WITH NO SURFACE IRREGULARITIES.

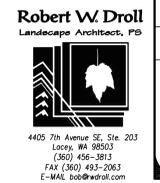
3 HMA Class 3/8" Asphalt Paving Section
L3.1 NOT TO SCALE



4 Edge of Tennis Court
L3.1 NOT TO SCALE

5 Tennis Post & Net
L3.1 NOT TO SCALE

6 Concrete Curb
L3.1 NOT TO SCALE



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SCHEMATIC DESIGN
OLYMPIA HIGH SCHOOL ADDITION AND MODIFICATIONS
OLYMPIA SCHOOL DISTRICT

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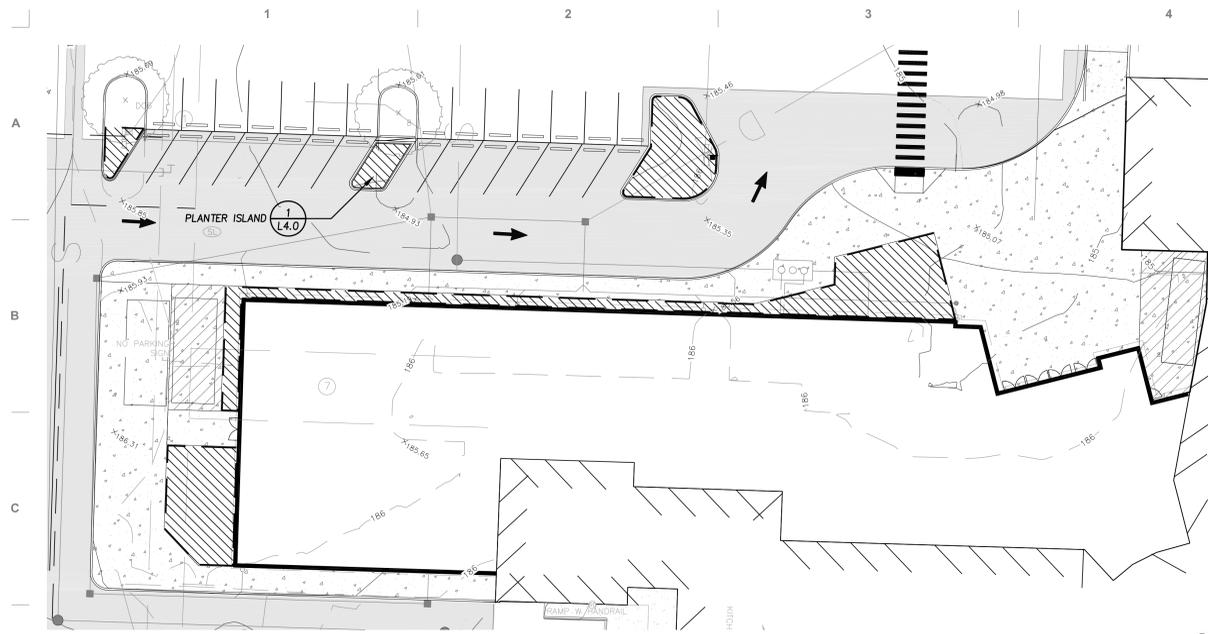
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Drawing Title:
Tennis Court Details

Date: 02/22/2019	Drawn By: D. RATKUS
Revised:	Project No. 1749
Stamp	Sheet No.

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Area A

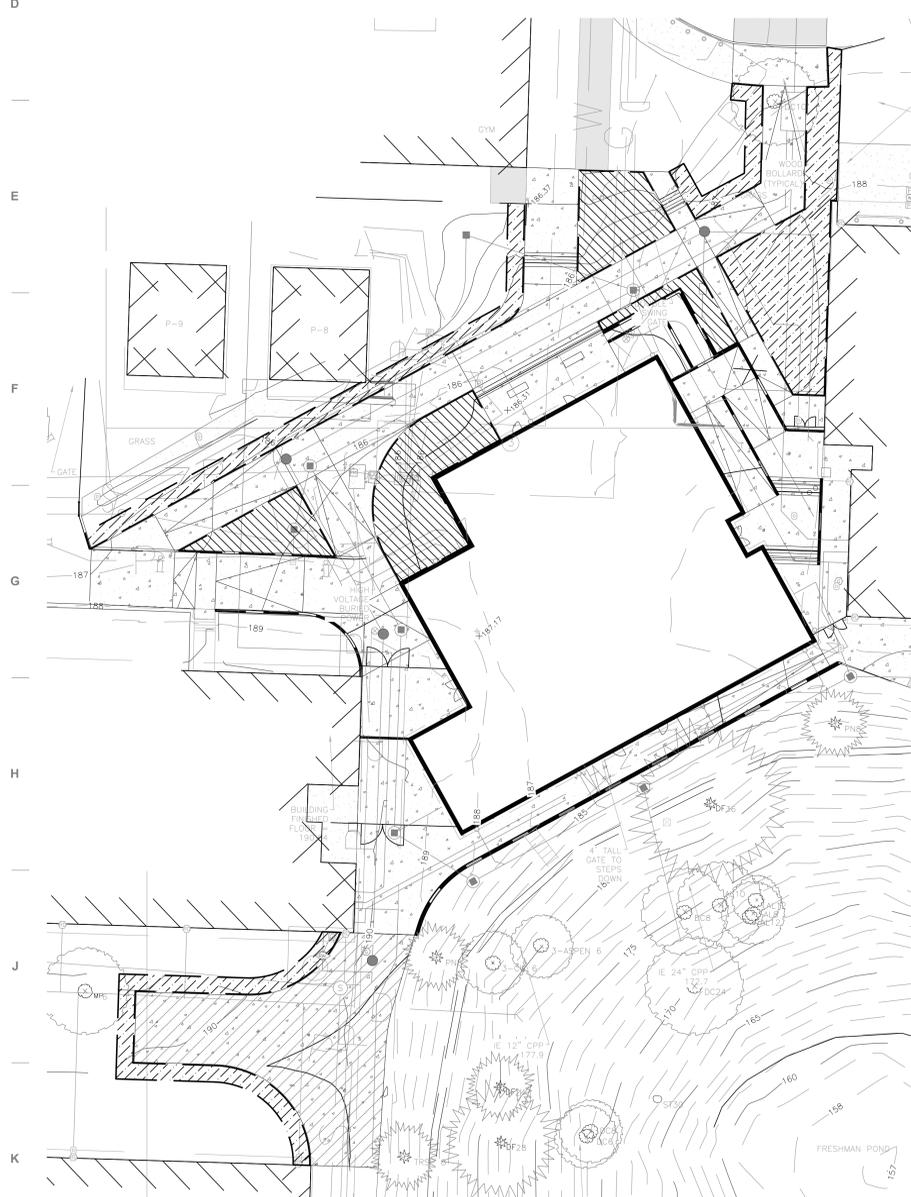
SCALE: 1" = 20'-0"

Area B

SCALE: 1" = 20'-0"

Area C

SCALE: 1" = 20'-0"



Areas D, E, & F

SCALE: 1" = 20'-0"

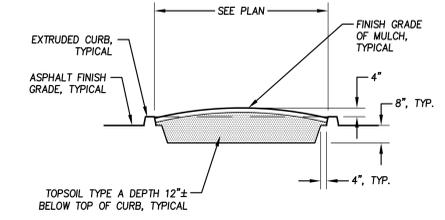
Topsoil Schedule

symbol / key	QTY	Treatment
	640 CY	TOPSOIL TYPE A 12" DEPTH MIN. 80% LOAMY SAND & 20% FINE COMPOST BY VOLUME
	57 CY	TOPSOIL TYPE B AMENDED WITH 2" FINE COMPOST TILLED INTO 6" DEPTH

Existing Soil Conditions & Remediation Plan

EXISTING CONDITION ONE:
IMPROVEMENTS IN EXISTING LANDSCAPE AREAS
 - EXISTING SOIL CONSISTS OF DARK, LOAMY TOPSOIL WITH HIGH ORGANIC MATTER INCLUDING ROOT DETRITUS, SMALL ROUNDED STONES, AND GRAVEL.
PROPOSED REMEDIATION: TOPSOIL TYPE B
 - AMEND EXISTING TOPSOIL WITH 2" FINE COMPOST TILLED INTO A DEPTH OF 6 INCHES.

EXISTING CONDITION TWO:
IMPROVEMENTS IN EXISTING PAVING/PARKING AREAS:
 - EXISTING PAVEMENT (ASPH PAVING AND/OR CONCRETE) WITH AGGREGATE BASE OVER HIGHLY COMPACTED SUBGRADE.
PROPOSED REMEDIATION: TOPSOIL TYPE A
 - INSTALL TOPSOIL TYPE A (80% LOAMY SAND & 20% FINE COMPOST BY VOLUME) TO A MINIMUM DEPTH OF 12 INCHES.



1
L4.0
Planter Island, Typical
NOT TO SCALE



Area G

SCALE: 1" = 20'-0"

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SCHEMATIC DESIGN
OLYMPIA HIGH SCHOOL
ADDITION AND
MODIFICATIONS
 OLYMPIA SCHOOL DISTRICT

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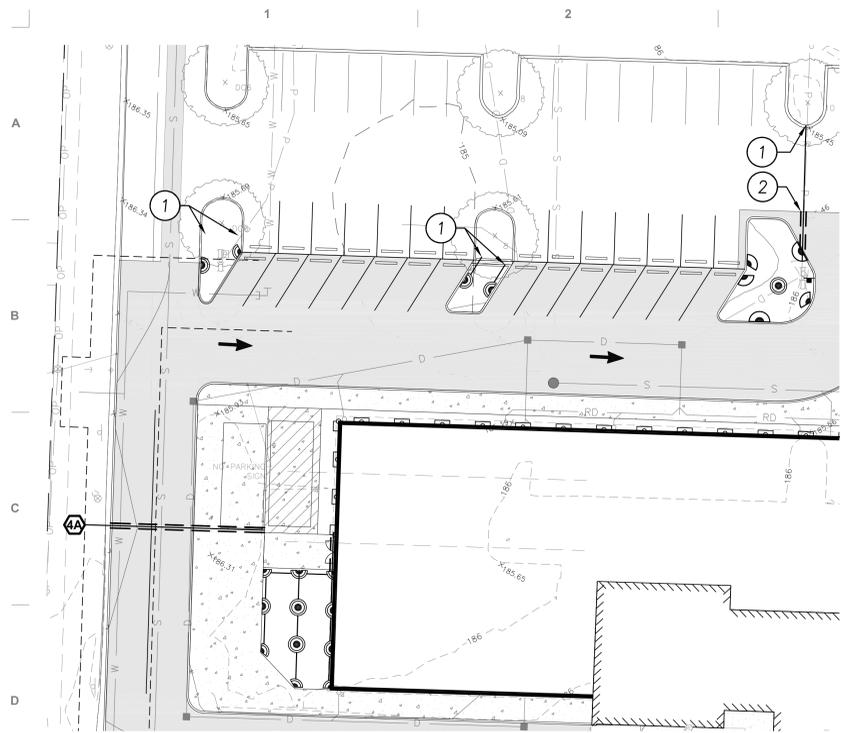
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Drawing Title: **Topsoil Plan**

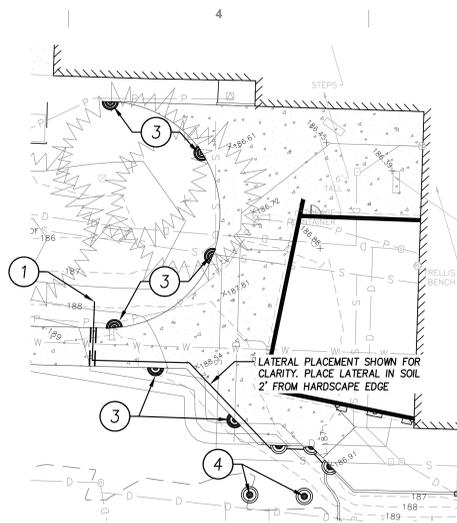
Date: 02/22/2019	Drawn By: D. RATKUS
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Stamp	Sheet No.

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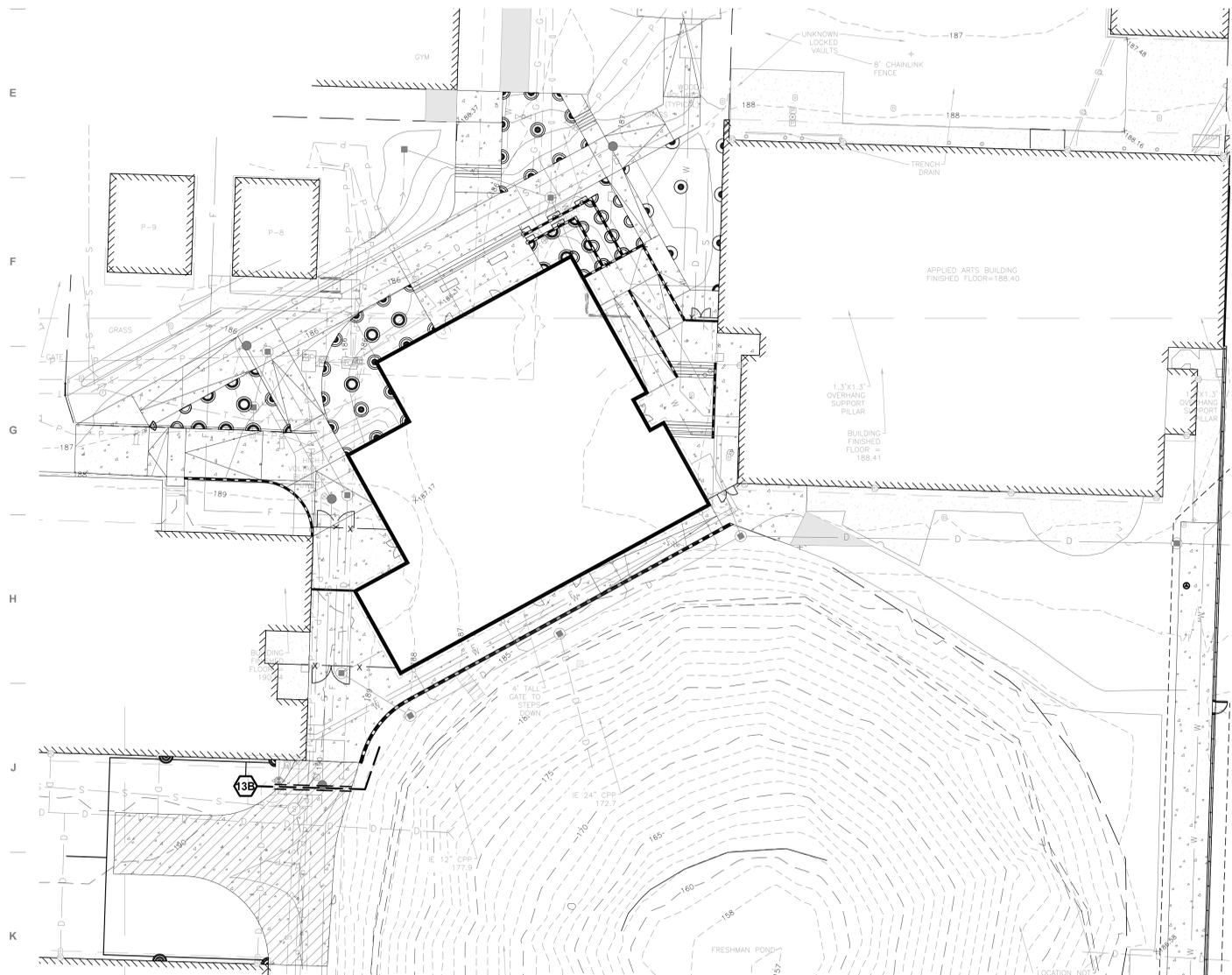
Area A
SCALE: 1" = 20'-0"



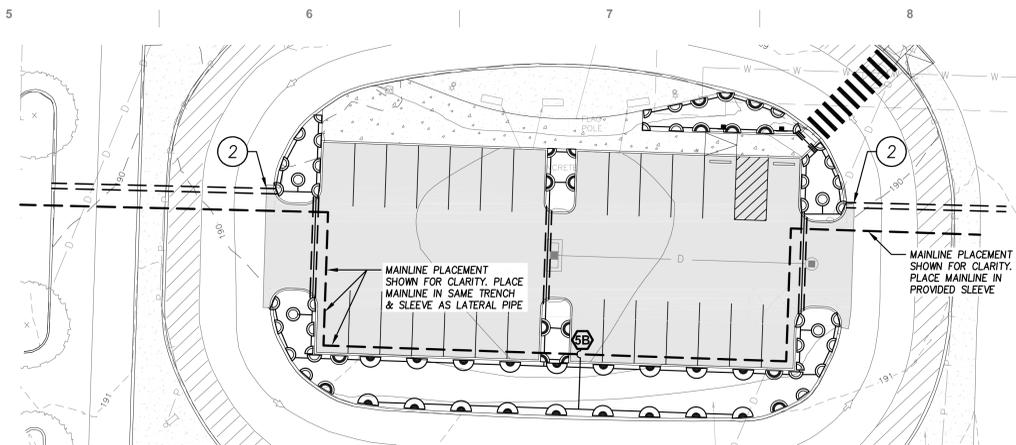
Area B
SCALE: 1" = 20'-0"

Valve Chart

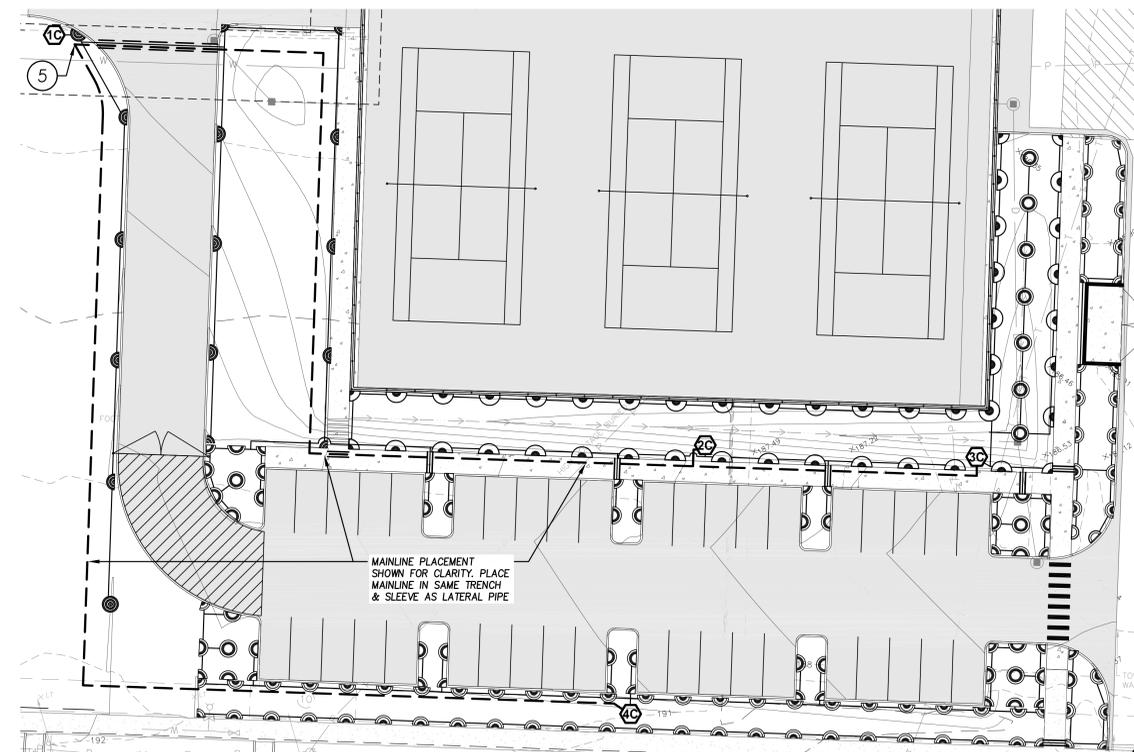
VALVE NO.	GPM	SIZE	VALVE NO.	GPM	SIZE
4A	28.5	1 1/2"	1C	51.0	2"
7B	74.0	2"	2C	70.0	2"
11A	35.33	2"	3C	61.0	2"
13B	37.6	2"	4C	89.0	2"



Areas D, E, & F
SCALE: 1" = 20'-0"



Area C
SCALE: 1" = 20'-0"



Area G
SCALE: 1" = 20'-0"

Valve & Piping Schedule

SYMBOL	MFG.	CATALOG NO.	DESCRIPTION
—		SCHEDULE 200 3" PVC MAINLINE, @ 24" DEPTH	
—		SCHEDULE 200 PVC LATERAL LINES @ 18" DEPTH	
—		SCHEDULE 40 PVC SLEEVES @ 24" DEPTH, 4" DIAM. (UNLESS OTHERWISE INDICATED)	
⊠	FEBCO	805Y	DOUBLE CHECK BACKFLOW PREVENTER
⊞	RAINBIRD	150-PEB-PRS-D 200-PEB-PRS-D	1.5" & 2" AUTOMATIC REMOTE CONTROL VALVES W/ PRESSURE REDUCING MODULE
⊞	RAINBIRD	300-BPES	3" BRASS BALL VALVE - IN VALVE BOX
⊞	RAINBIRD	44RC W/ SH-D & 44K	1" BRASS QUICK COUPLING VALVE SUPPLY W/ HOSE SWIVEL & VALVE KEY
⊞	WILKINS	#215-1/2"	3" VALVE MANUAL DRAIN ASSEMBLY, INSTALL WHERE SHOWN ON PLANS
⊞	RAINBIRD	ESP-LX 12/24	CONTROLLER MOUNTED IN WEATHER PROOF ENCLOSURE
NOT SHOWN		STATION & COMMON WIRE SIZE-AWG 14 GAUGE MINIMUM	INSTALL ONE SPARE WIRE FOR ALL IRRIGATION ZONE WIRE RUNS

Irrigation Plan Reference Notes

KEY	NOTE
①	CONNECT NEW LATERAL PIPE TO EXISTING LATERAL
②	INSTALL NEW SLEEVE AND COLLAR TO EXTEND 3' BEYOND CURB
③	INSTALL NEW SPRAY HEAD ON EXISTING LATERAL PIPE
④	REPLACE EXISTING IRRIGATION COMPONENT WITH INDICATED SPRAY OR ROTARY HEAD

Irrigation Head & Nozzle Schedule

SYMBOL	CATALOG NUMBER	RADIUS	GPM	PSI
RAINBIRD 1804-SAM-PRS SERIES SPRAY HEADS WITH MPR NOZZLES. INSTALL 12" POP-UP HEADS IN SHRUB BEDS & 6" POP-UP HEADS IN LAWN				
⊞	RAINBIRD 1806-PRS-8F	8	1.30	30
⊞	RAINBIRD 1806-PRS-8H	8	0.79	
⊞	RAINBIRD 1806-PRS-8O	8	0.39	
⊞	RAINBIRD 1806-PRS-10F	10	1.30	30
⊞	RAINBIRD 1806-PRS-10H	10	0.79	
⊞	RAINBIRD 1812-SAM-10VAN	10	0.39	
⊞	RAINBIRD 1812-SAM-10Q	10	0.39	
⊞	RAINBIRD 1806-PRS-12F	12	2.60	30
⊞	RAINBIRD 1806-PRS-12TQ	12	1.95	
⊞	RAINBIRD 1806-PRS-12H	12	1.30	
⊞	RAINBIRD 1806-PRS-12VAN	12	0.87	
⊞	RAINBIRD 1806-PRS-12Q	12	0.65	
⊞	RAINBIRD 1806-PRS-15F	15	3.70	30
⊞	RAINBIRD 1806-PRS-15TQ	15	2.80	
⊞	RAINBIRD 1806-PRS-15H	15	1.85	
⊞	RAINBIRD 1806-PRS-15VAN	15	1.23	
⊞	RAINBIRD 1806-PRS-15Q	15	0.93	
⊞	RAINBIRD 1806-PRS-15SST	6x26	1.29	30
⊞	RAINBIRD 1806-PRS-15LCS	6x13	0.65	
⊞	HUNTER ROTARY-PGP-25F	25	3.40	50
⊞	HUNTER ROTARY-PGP-25H	25	1.60	
⊞	HUNTER ROTARY-PGP-25O	25	0.90	
⊞	HUNTER ROTARY-PGP-35F	35	6.80	50
⊞	HUNTER ROTARY-PGP-35H	35	3.40	
⊞	HUNTER ROTARY-PGP-35O	35	1.60	

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SCHEMATIC DESIGN
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OLYMPIA SCHOOL DISTRICT

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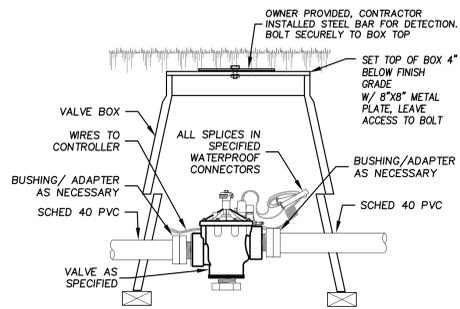
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Date: 02/22/2019	Drawn By: D. RATKUS
Revised:	Project No. 1749
Stamp	Sheet No.

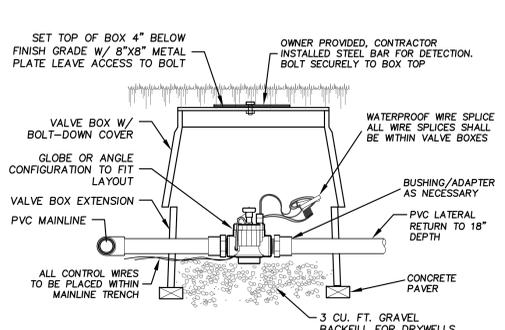
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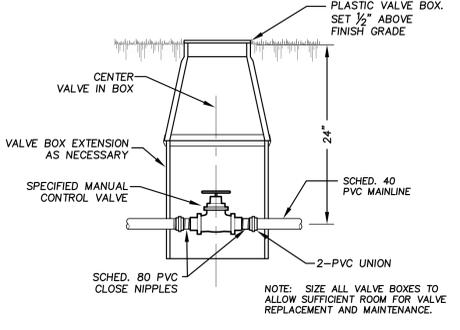
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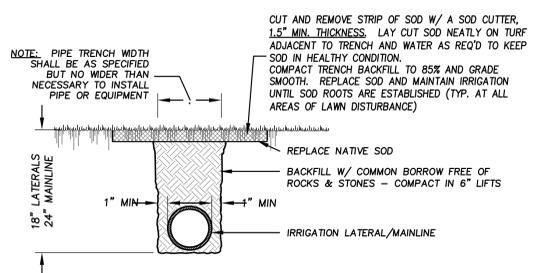
Master Valve Installation Typ.
L5.1 SCALE: NTS



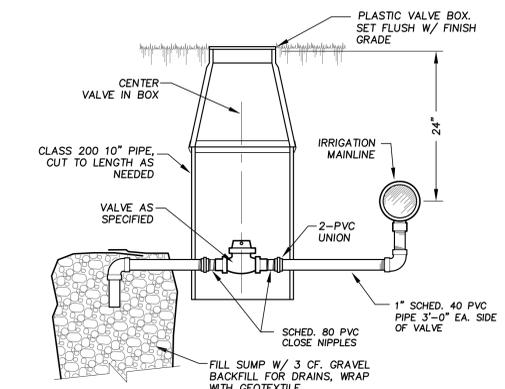
Electric Control Valve Typ.
L5.1 SCALE: NTS



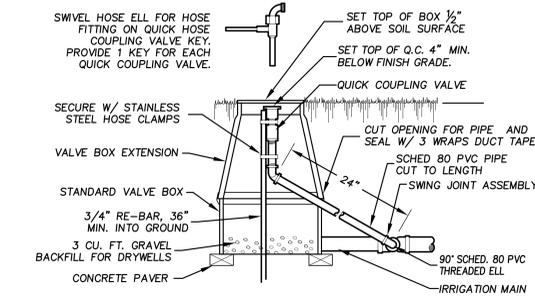
Manual Control Valve
L5.1 SCALE: NTS



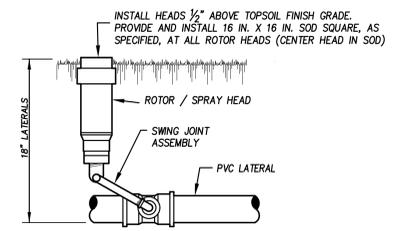
Irrigation Pipe Typ.
L5.1 SCALE: NTS



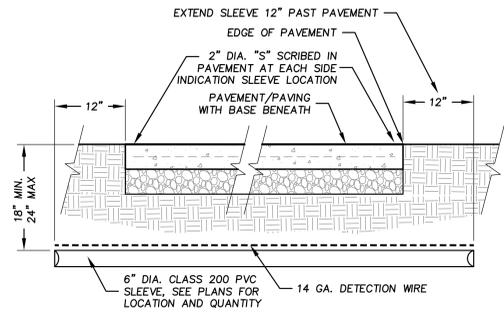
Manual Drain Valve
L5.1 SCALE: NTS



Quick Coupler Valve Installation Typ.
L5.1 SCALE: NTS



Rotary / Pop-up Sprinkler Head Installation Typ.
L5.1 SCALE: NTS



Sleeve Installation
L5.1 NOT TO SCALE



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Drawing Title:
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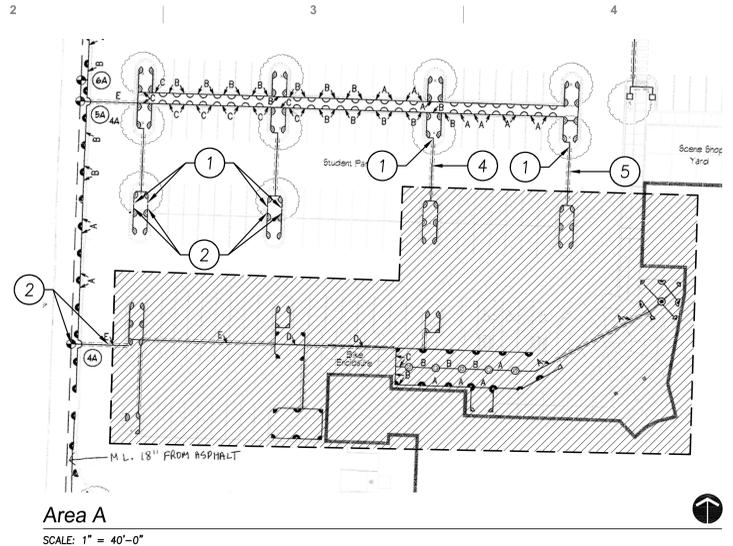
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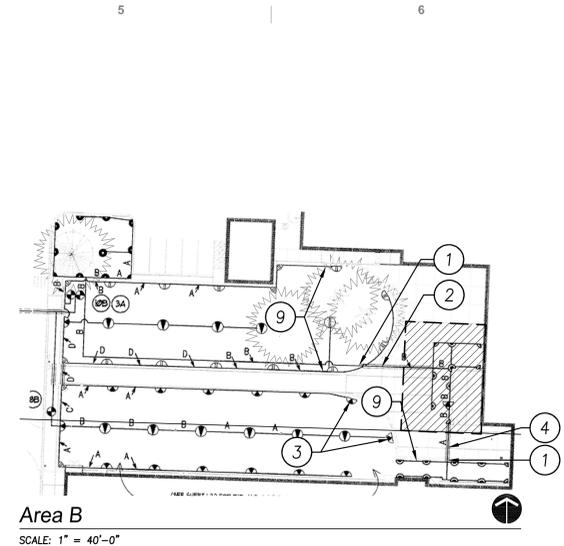
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Irrigation Demo Plan Reference Notes

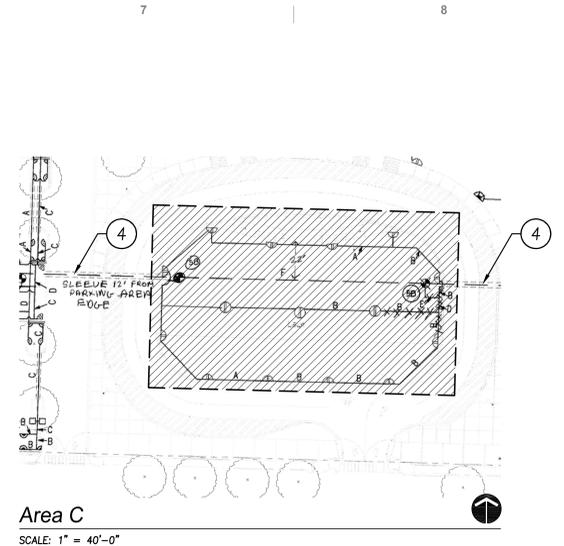
KEY	NOTE
1	CUT AND CAP IRRIGATION PIPE
2	DEMOLISH IRRIGATION PIPE AND COMPONENTS AND REMOVE OFF SITE
3	RETAIN AND PROTECT STRAY HEAD IN PLACE
4	RETAIN AND PROTECT EXISTING SLEEVE IN PLACE
5	ABANDON EXISTING SLEEVE IN PLACE
6	ABANDON EXISTING LATERAL IN PLACE
7	DEMOLISH MAINLINE AND DISPOSE OFF SITE
8	RETAIN AND PROTECT EXISTING AUTOMATIC CONTROL VALVE IN PLACE
9	RETAIN AND PROTECT LATERAL PIPE IN PLACE
	DEMOLISH & DISPOSE OFF-SITE ALL IRRIGATION EQUIPMENT & PIPING ENCOUNTERED DURING DEMOLITION AND GRADING. ALL IRRIGATION PIPES EXPOSED ABOVE SUBGRADE SHALL BE REMOVED AND CAPPED 6" BELOW SUBGRADE



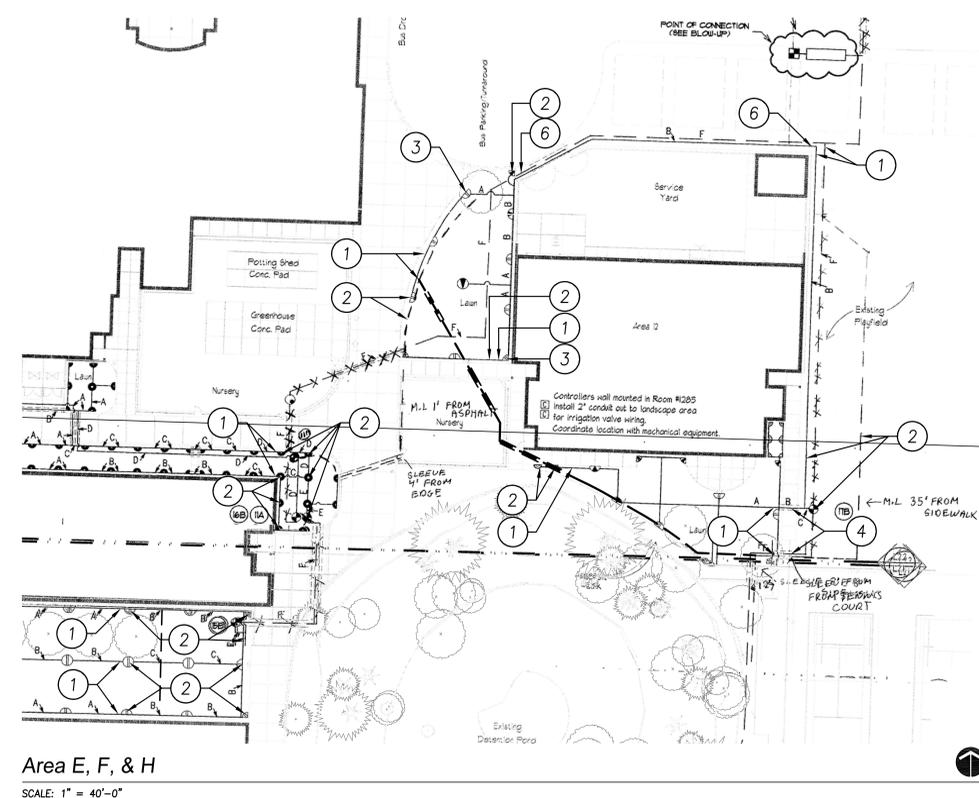
Area A
SCALE: 1" = 40'-0"



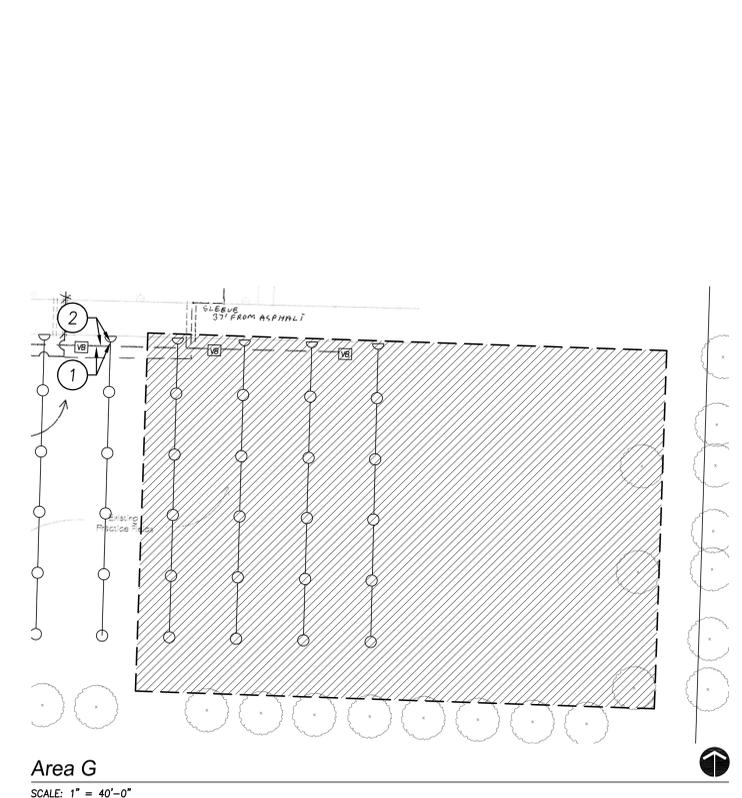
Area B
SCALE: 1" = 40'-0"



Area C
SCALE: 1" = 40'-0"



Area E, F, & H
SCALE: 1" = 40'-0"



Area G
SCALE: 1" = 40'-0"

SCHEMATIC DESIGN
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Drawing Title:
Irrigation Demo Plan

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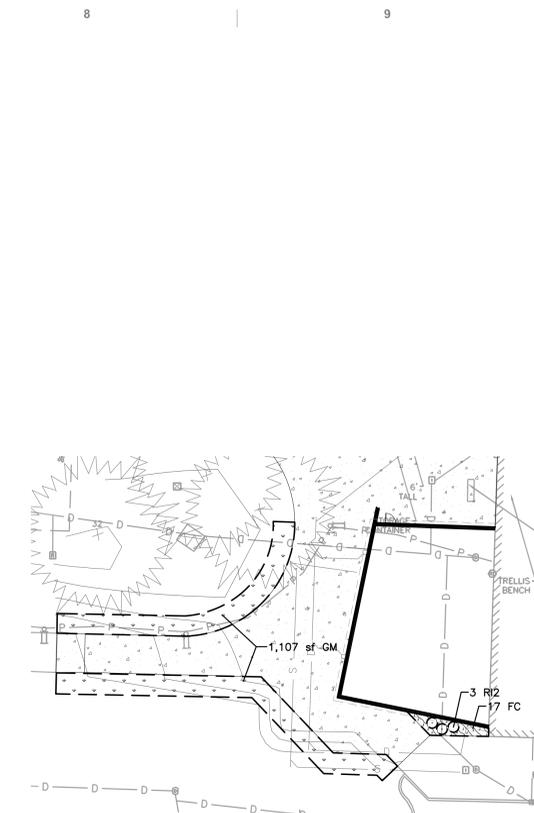
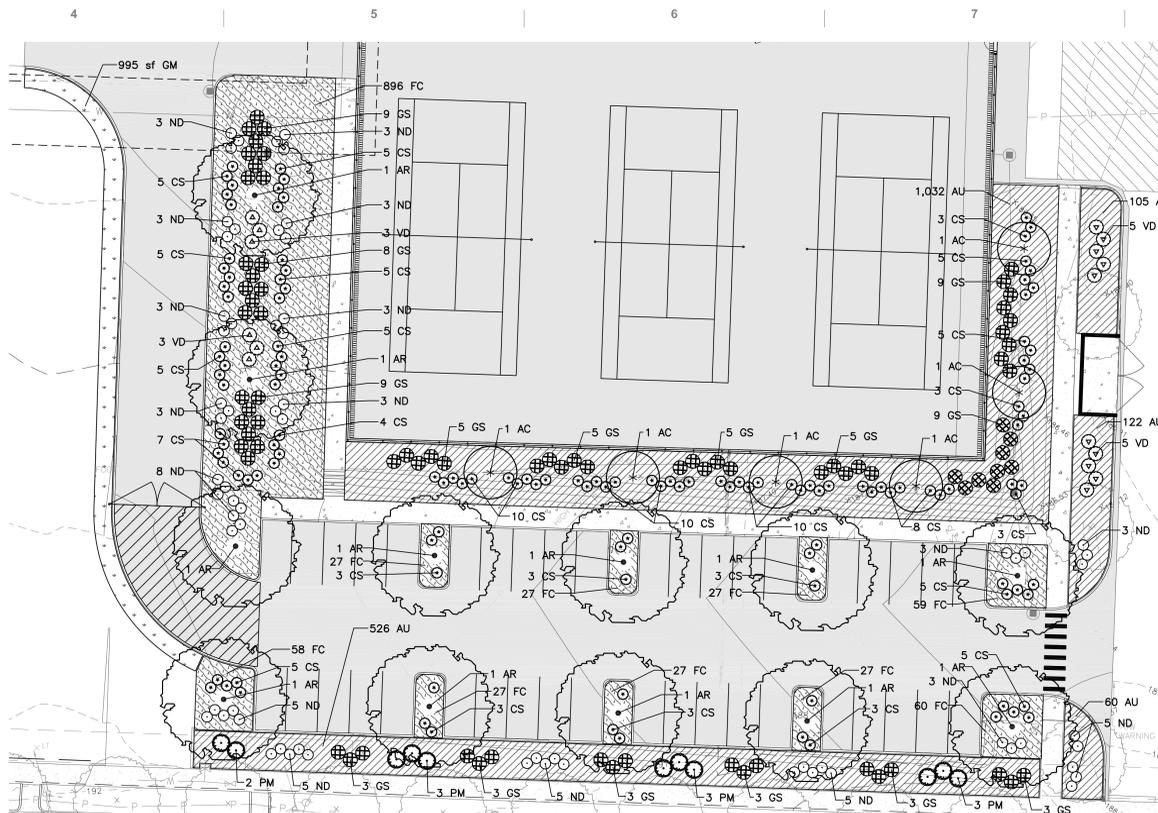
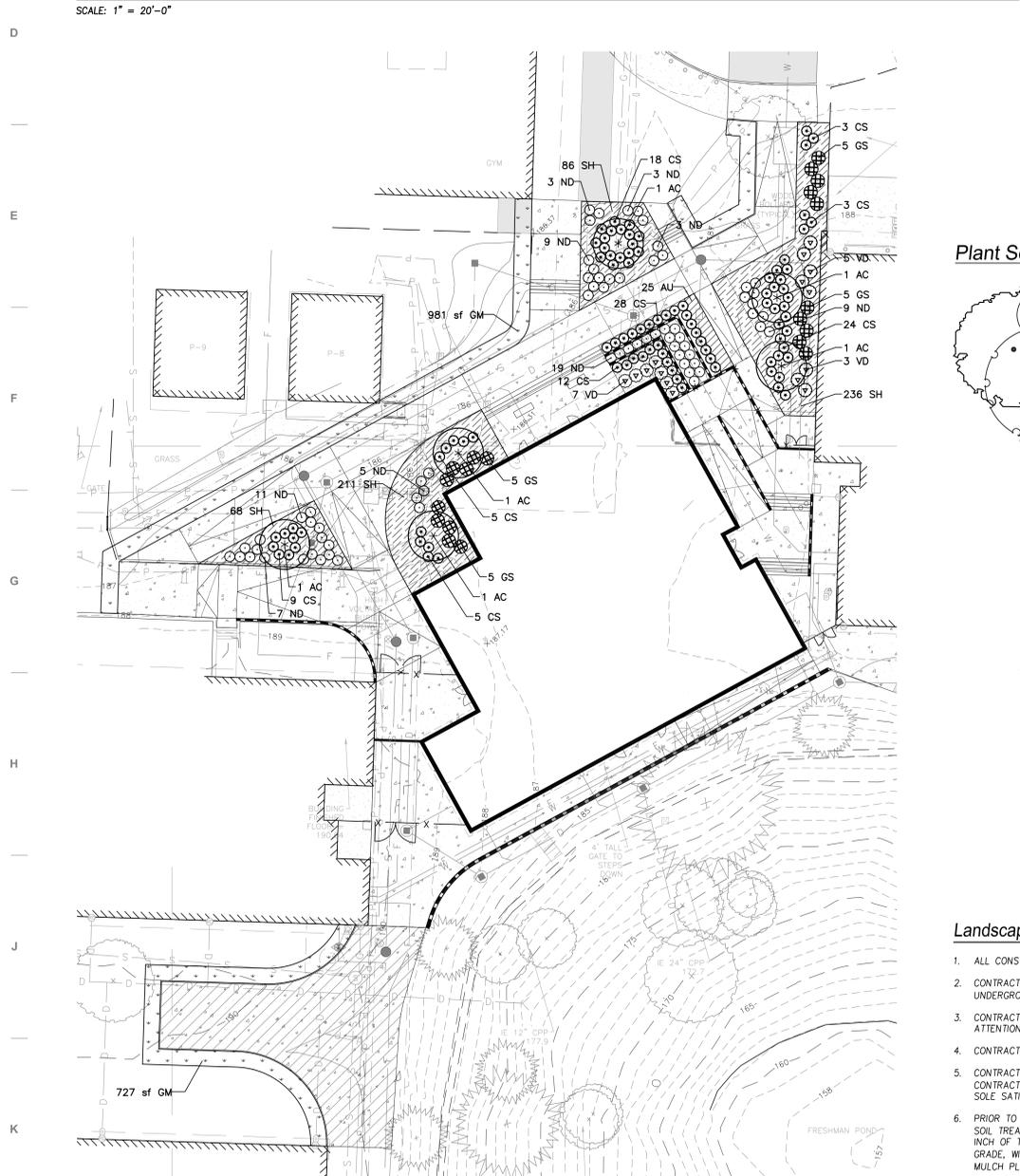
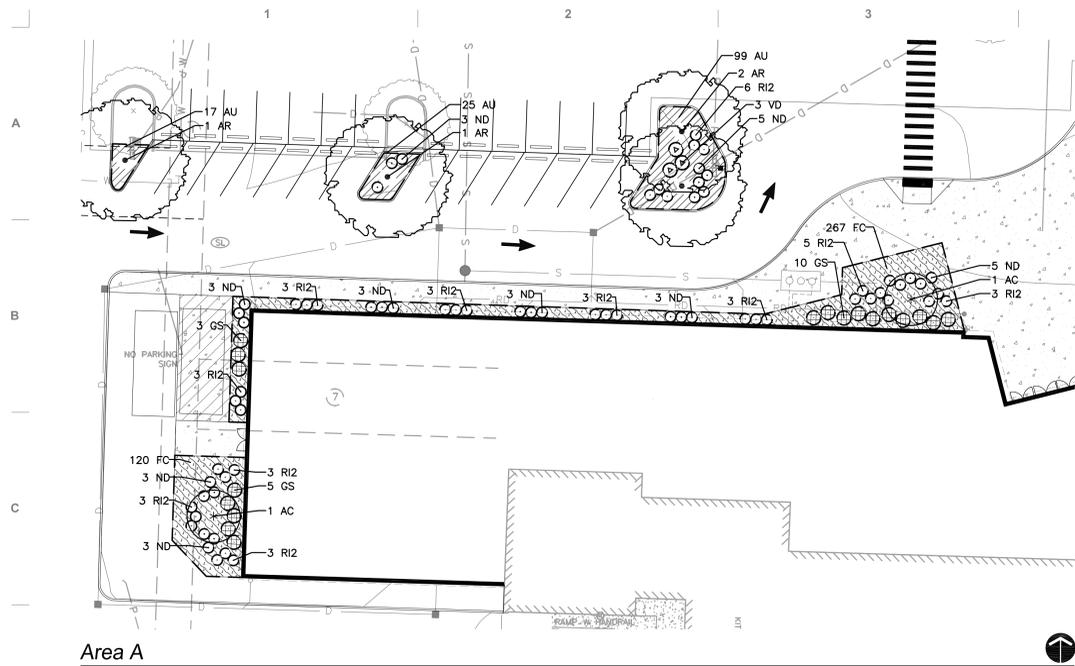
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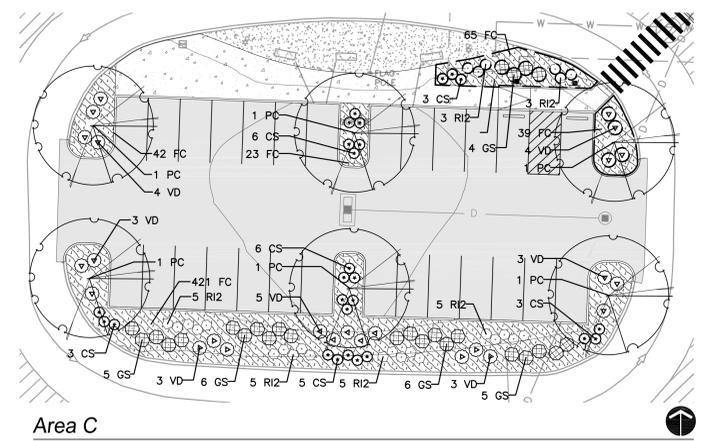


Plant Schedule

TREES	CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE	CONTAINER	NATIVE/NON	DI	
AC	14	ACER CIRCINATUM	VINE MAPLE	2" CAL.	B&B	N	Y		
AR	20	ACER RUBRUM	RED MAPLE	2" CAL.	B&B	NN	N		
PC	6	PYRUS CALLERYANA 'ARISTOCRAT' TM	ARISTOCRAT FLOWERING PEAR	2" CAL.	B&B	NN	Y		
SHRUBS	CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE	CONTAINER	NATIVE/NON	DI	
CS	252	CORNUS SERICEA 'KELSEY'	KELSEY DOGWOOD	1 GAL.	POT	NN	Y		
GS	146	GAULTHERIA SHALLOON	SALAL	1 GAL.	POT	N	Y		
ND	169	NANDINA DOMESTICA 'GULF STREAM' TM	HEAVENLY BAMBOO	1 GAL.	POT	NN	Y		
PM	11	PINUS MUGO PUMILIO	DWARF MUGO PINE	1 GAL.	POT	NN	Y		
RI2	67	RHAPHIOLEPIS INDICA 'MONTO'	INDIAN PRINCESS INDIAN HAWTHORN	1 GAL.	POT	NN	Y		
VD	59	VIBURNUM DAVIDII	DAVID VIBURNUM	1 GAL.	POT	NN	Y		
GROUND COVERS	CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE	CONTAINER	NATIVE/NON	DI	SPACING
AU	2,011	ARTOSTAPHYLOS UVA-URSI	KINNIKINICK	4"	POT	N	Y	24" o.c.	
FC	2,229	FRAGARIA CHILOENSIS	BEACH STRAWBERRY	4"	POT	N	Y	24" o.c.	
GM	4,012 SF	GRASS MIX	REGENERATING PERENNIAL RYEGRASS	SEED		NN	Y		
RC	1,842	RUBUS CALYCOIDES	GREEN CARPET RASPBERRY	4"	POT	NN	Y	24" o.c.	
SH	601	SARCOCOCCA HOOKERIANA HUMILIS	SWEET BOX	4"	POT	NN	Y	24" o.c.	

Landscape Improvements General Notes

- ALL CONSTRUCTION SHALL COMPLY WITH THE WRITTEN SPECIFICATION SECTION(S) PERTAINING TO THE WORK SHOWN ON THESE PLANS.
- CONTRACTOR IS REQUIRED TO VERIFY UTILITY LOCATIONS PRIOR TO CONSTRUCTION. CONTRACTOR SHALL CALL THE UTILITIES UNDERGROUND LOCATION CENTER (1-800-424-5555) AT LEAST TWO DAYS PRIOR TO CONSTRUCTION.
- CONTRACTOR SHALL COORDINATE ALL WORK WITH THE GENERAL CONTRACTOR. ALL CONSTRUCTION CONFLICTS SHALL BE BROUGHT TO THE ATTENTION OF THE GENERAL CONTRACTOR AND CONSTRUCTION OBSERVER IMMEDIATELY UPON RECOGNITION.
- CONTRACTOR IS RESPONSIBLE FOR A THOROUGH CLEAN-UP FOR THEIR RESPECTIVE WORK, DAILY AND AT PROJECT CLOSE-OUT.
- CONTRACTOR IS RESPONSIBLE FOR PROTECTING ALL EXISTING IMPROVEMENTS. DAMAGE TO THE EXISTING IMPROVEMENTS BY THE CONTRACTOR SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AND/OR QUALIFIED INSTALLERS/TRADES ACCEPTABLE TO THE SOLE SATISFACTION OF THE CONSTRUCTION OBSERVER AND AT NO COST TO THE OWNER.
- PRIOR TO PLANT INSTALLATION, ALL LANDSCAPE AREAS SHALL RECEIVE SOIL TREATMENT. SEE SHEET L5.0 & L5.1 FOR SCHEDULE OF SOIL TREATMENTS. PRIOR TO TOPSOIL PLACEMENT, EXISTING GRADE SHALL BE ROLLER COMPACTED (WITH DRUM HALF-FILLED), WITH ONE INCH OF TOPSOIL SCARIFIED INTO EXISTING SOIL. FIRST SUBGRADE SHALL BE BROUGHT TO AN APPROPRIATE AND UNIFORM LINE AND GRADE, WITH NO SURFACE IRREGULARITIES SO THAT, AFTER TOPSOIL PLACEMENT, GRADE SHALL BE WITHIN 3" OF FINISH GRADE (FOR MULCH PLACEMENT).
- MEDIUM GRADE BARK MULCH SHALL BE INSTALLED TO A DEPTH OF 3" IN ALL PLANTING BEDS. WATERING BERMS AROUND PLANTS SHALL BE HAND COMPACTED AND OF A SMOOTH AND EVEN GRADE PRIOR TO MULCH PLACEMENT. MULCH SHALL BE WATER COMPACTED UPON PLACEMENT.
- PLANT MATERIALS SHALL MEET STANDARDS SET FORTH IN THE LATEST EDITION OF THE AMERICAN ASSOCIATION OF NURSERYMEN STANDARD (ANSI 260.1-1986) AND WASHINGTON STATE STANDARDS FOR NURSERY STOCK ORDER NO. 1627. ALL PLANT MATERIALS SHALL HAVE SUFFICIENT ROOT DEVELOPMENT TO ASSURE SURVIVAL AND HEALTHY GROWTH. CONTAINER GROWN PLANT MATERIALS ARE REQUIRED TO HAVE SUFFICIENT ROOT GROWTH TO HOLD THE SOIL INTACT WHEN REMOVED FROM THE CONTAINER, BUT SHALL NOT BE ROOT-BOUND.
- ALL PLANTING PITS SHALL BE BACKFILLED WITH A MIX OF 1/3 FINE COMPOST PER WSDOT STD. 9-14.4(8), AND 2/3 TOPSOIL TYPE A.
- NITROGEN SOURCE SHALL BE ISOBUTYLENE DIUREA. FOR PLANTS, ONE CUP (FOUR OUNCES-VOLUME) OF FERTILIZER SHALL BE EVENLY DISTRIBUTED AROUND THE INSIDE WATER BERM FOR EVERY SHRUB AND GROUNDCOVER PLANT, AND TWO CUPS SHALL BE APPLIED TO EVERY TREE. FERTILIZER APPLICATION SHALL OCCUR PRIOR TO FINISH DRESSING INSTALLATION, AND SHALL BE INCIDENTAL TO PLANT MATERIAL AND PAY ITEMS.
- NO SUBSTITUTIONS WILL BE CONSIDERED FOR PLANTS OR OTHER MATERIALS DURING THE BIDDING PROCESS.
- OWNER SHALL ASSUME ALL RESPONSIBILITY FOR MAINTAINING LANDSCAPE AND IRRIGATION IMPROVEMENTS FOR THE LIFE OF THIS PROJECT. CONTRACTOR SHALL WARRANTY TREES, SHRUBS AND GROUNDCOVERS FOR A PERIOD OF ONE YEAR AFTER SUBSTANTIAL COMPLETION OF INSTALLATION.



Legend

KEY	NOTE
(Symbol)	EXISTING CONIFEROUS TREE TO REMAIN
(Symbol)	EXISTING DECIDUOUS TREE TO REMAIN

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SCHEMATIC DESIGN

OLYMPIA HIGH SCHOOL ADDITION AND MODIFICATIONS
OLYMPIA SCHOOL DISTRICT

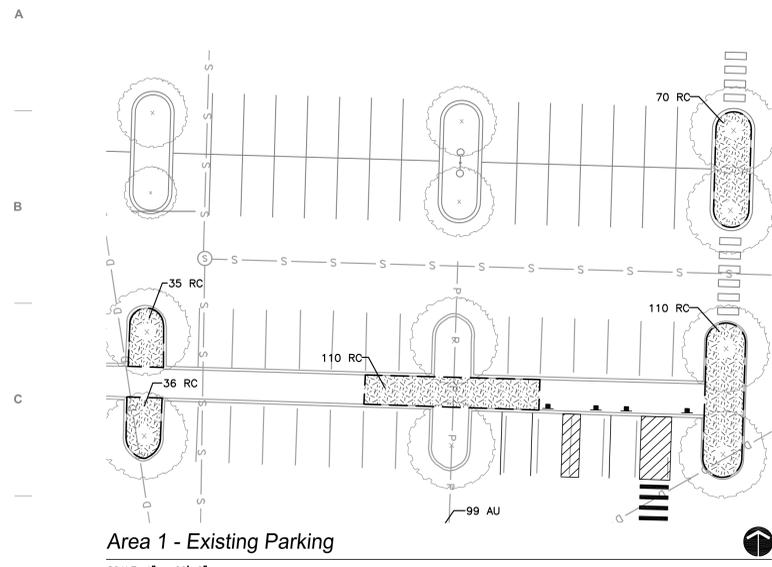
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Drawing Title: **Landscape Plan**

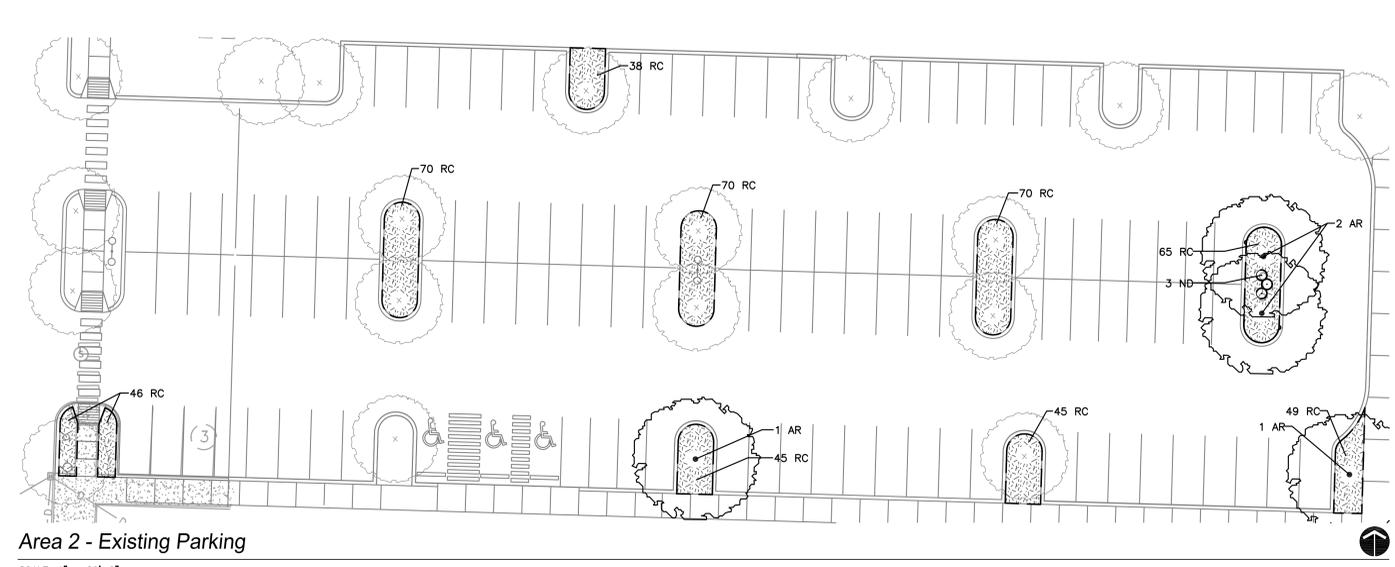
Date: 02/22/2019
Drawn By: D. RATKUS
Revised: Project No. 1749
Stamp: Sheet No. **L6.0**
of

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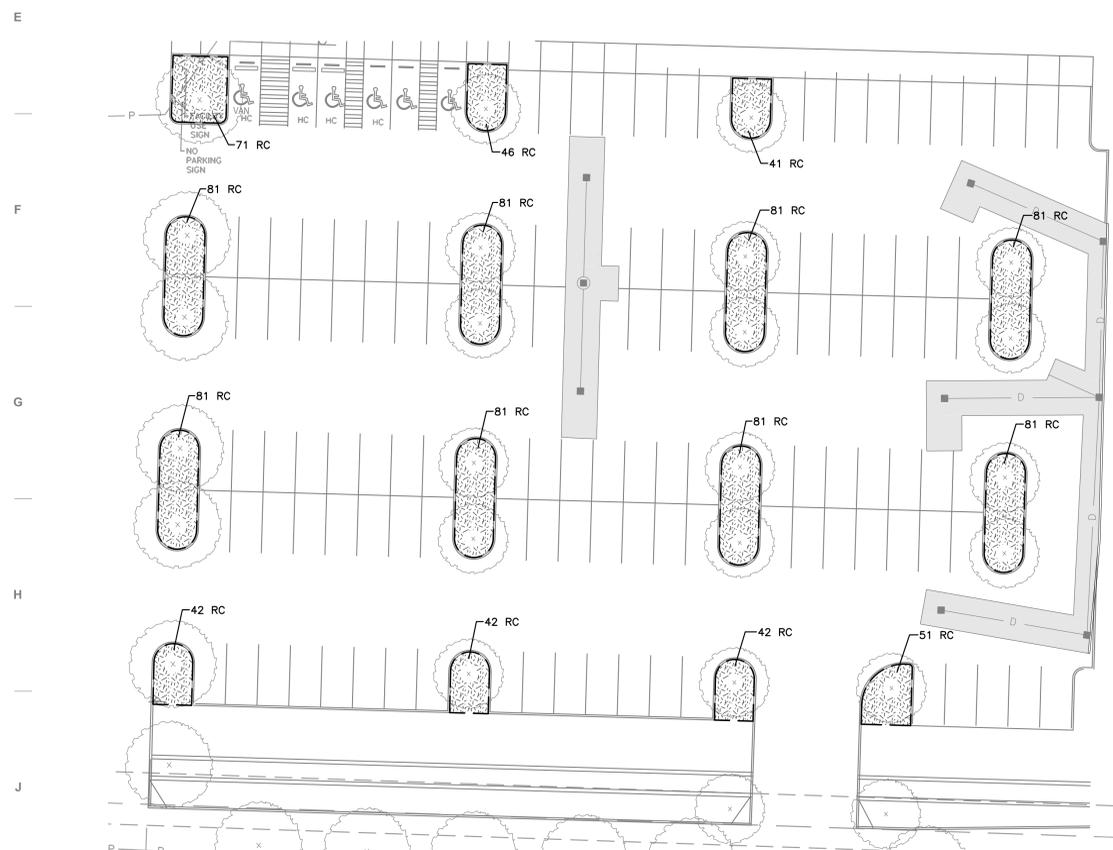
Area 1 - Existing Parking

SCALE: 1" = 20'-0"



Area 2 - Existing Parking

SCALE: 1" = 20'-0"



Area 3 - Existing Parking

SCALE: 1" = 20'-0"

Plant Schedule

TREES	CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE	CONTAINER	NATIVE/NON	DI	
	AC	14	ACER CIRCINATUM	VINE MAPLE	2" CAL.	B&B	N	Y	
	AR	20	ACER RUBRUM	RED MAPLE	2" CAL.	B&B	NN	N	
	PC	6	PYRUS CALLERYANA 'ARISTOCRAT' TM	ARISTOCRAT FLOWERING PEAR	2" CAL.	B&B	NN	Y	
SHRUBS	CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE	CONTAINER	NATIVE/NON	DI	
	CS	252	CORNUS SERICEA 'KELSEY'	KELSEY DOGWOOD	1 GAL.	POT	NN	Y	
	GS	146	GAULTHERIA SHALLON	SALAL	1 GAL.	POT	N	Y	
	ND	169	NANDINA DOMESTICA 'GULF STREAM' TM	HEAVENLY BAMBOO	1 GAL.	POT	NN	Y	
	PM	11	PINUS MUGO PUMILIO	DWARF MUGO PINE	1 GAL.	POT	NN	Y	
	RIZ	67	RHAPHIOLEPIS INDICA 'MONTO'	INDIAN PRINCESS INDIAN HAWTHORN	1 GAL.	POT	NN	Y	
	VD	59	VIBURNUM DAVIDI	DAVID VIBURNUM	1 GAL.	POT	NN	Y	
GROUND COVERS	CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE	CONTAINER	NATIVE/NON	DI	SPACING
	AU	2,011	ARCTOSTAPHYLOS UVA-URSI	KINNIKINICK	4"	POT	N	Y	24" o.c.
	FC	2,229	FRAGARIA CHILOENSIS	BEACH STRAWBERRY	4"	POT	N	Y	24" o.c.
	GM	4,012 SF	GRASS MIX	REGENERATING PERENNIAL RYEGRASS	SEED		NN	Y	
	RC	1,842	RUBUS CALYCOIDES	GREEN CARPET RASPBERRY	4"	POT	NN	Y	24" o.c.
	SH	601	SARCOCOCCA HOOKERIANA HUMILIS	SWEET BOX	4"	POT	NN	Y	24" o.c.

Legend

KEY	NOTE
	EXISTING CONIFEROUS TREE TO REMAIN
	EXISTING DECIDUOUS TREE TO REMAIN

Note

ALL PLANS SHOWN ON THIS SHEET, L6.2, ARE OF EXISTING PARKING LOT TO REMAIN. ADDITIONAL PLANTING IN PARKING LOT LANDSCAPE IS REQUIRED TO MEET CITY CODE.

SCHEMATIC DESIGN
OLYMPIA HIGH SCHOOL ADDITION AND MODIFICATIONS
 OLYMPIA SCHOOL DISTRICT

BLRB architects

TACOMA | SPOKANE | PORTLAND | BEND
 1550 Pacific Ave. Suite 100 | 505 W Riverside Suite 500 | 804 SW 5th Avenue Suite 1000 | 484 SW Columbia Suite 200
 Washington 98402 | Washington 98101 | Washington 98104 | Oregon 97102
 252.292.5599 | 252.292.5599 | 503.555.8900 | 503.555.8900

BLRB.com

Drawing Title: **Landscape Plan**

Date: 02/22/2019	Drawn By: D. RATKUS
Revised:	Project No. 1749
Stamp	Sheet No.

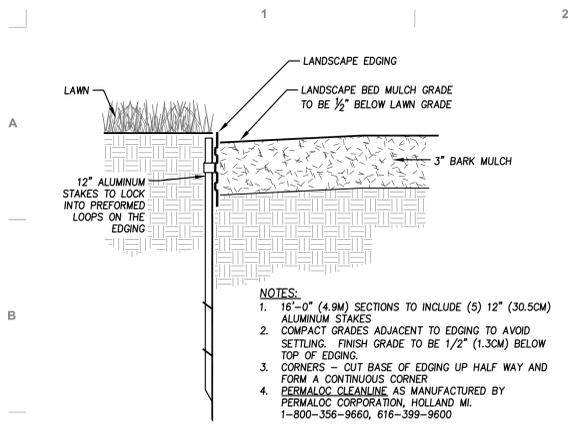
L6.1

of

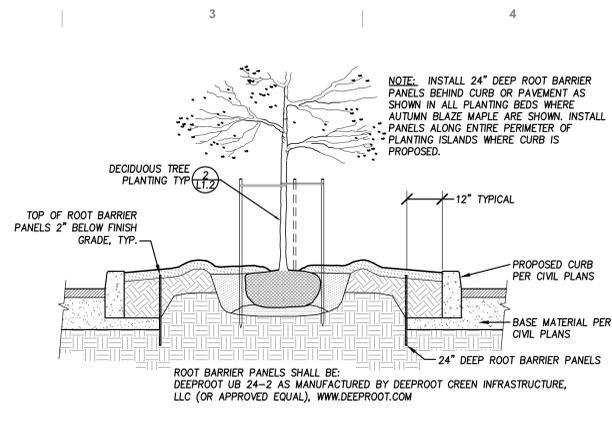
BLRB ARCHITECTS, P.S.

Robert W Droll
 Landscape Architect, P.S.

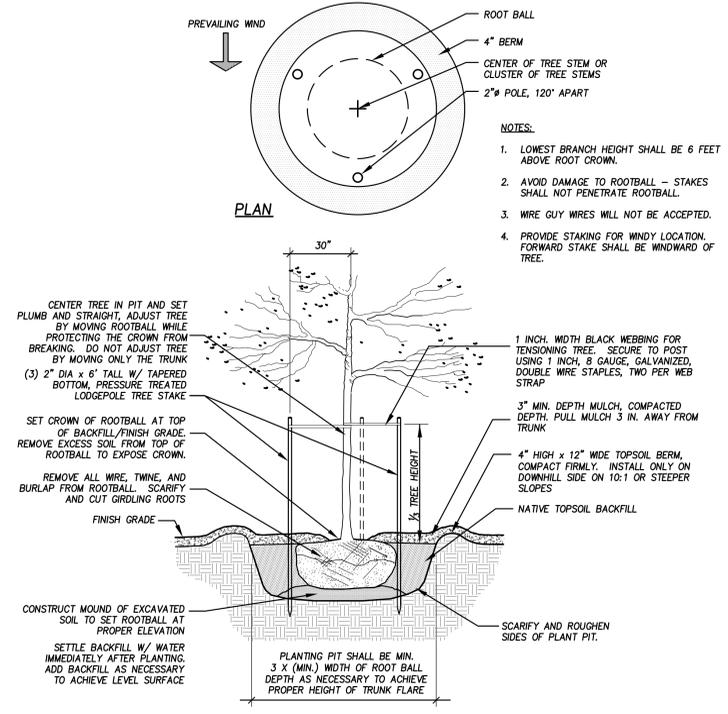
4405 7th Avenue SE, Ste. 203
 Lucy, WA 98501
 (360) 456-3813
 FAX: (360) 493-2063
 E-MAIL: bob@rwdroll.com



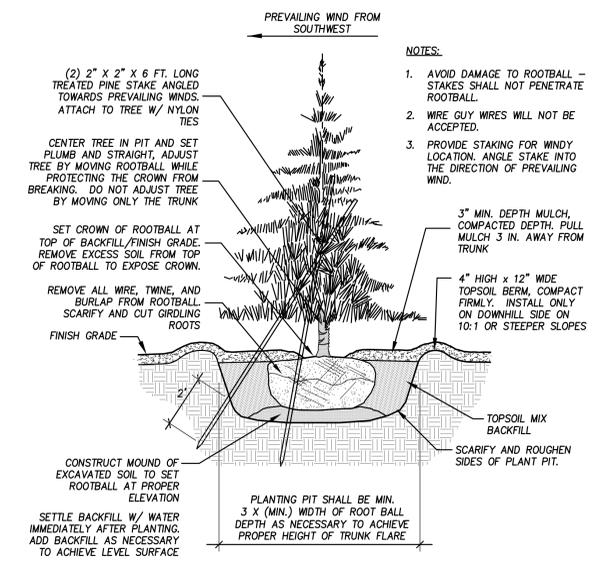
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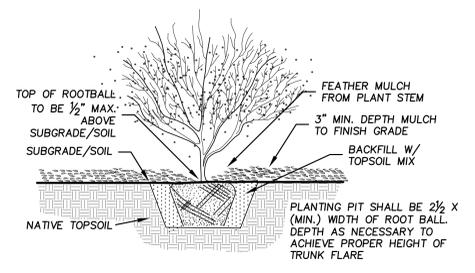
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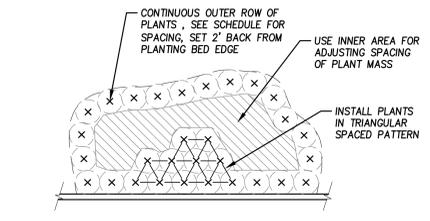
3 Deciduous Tree Planting
L6.2 NOT TO SCALE



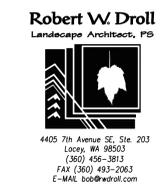
4 Coniferous Tree Planting
L6.2 NOT TO SCALE



5 Shrub and Groundcover Planting
L6.2 NOT TO SCALE



6 Low Shrub and Groundcover Plant Spacing
L6.2 NOT TO SCALE



SCHEMATIC DESIGN

OLYMPIA HIGH SCHOOL ADDITION AND MODIFICATIONS
OLYMPIA SCHOOL DISTRICT

BLRB architects

TACOMA 1550 Pacific Ave. Suite 100 Washington 98402 360.525.5599 BLRB.com	SPOKANE 505 W Riverside Suite 500 Washington 99201 509.322.5898	PORTLAND 1001 SW 5th Avenue Suite 1100 Oregon 97204 503.555.8900	BEND 454 SW Columbia Suite 200 Oregon 97702 541.329.6596
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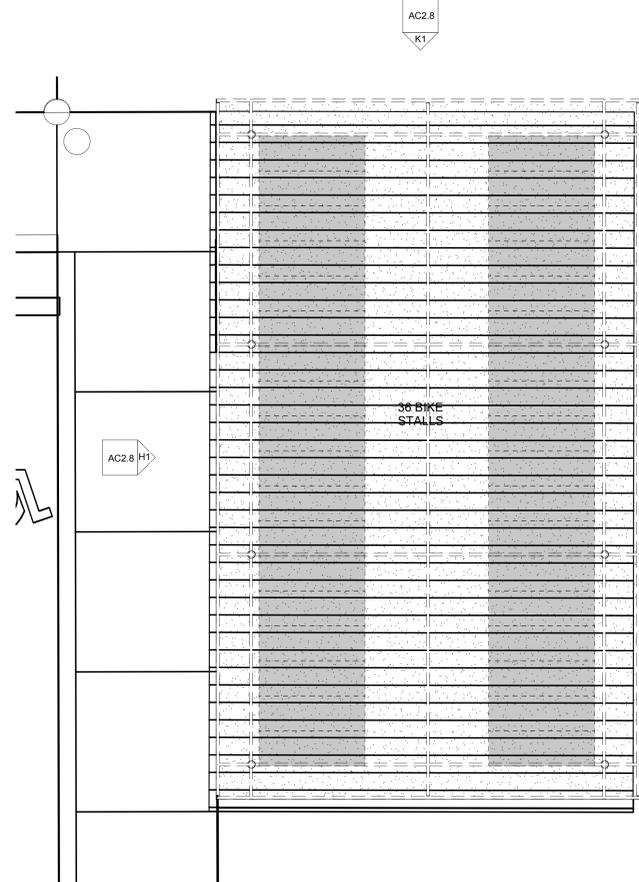
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Landscape Details

Date: 02/22/2019	Drawn By: D. RATKUS
Revised:	Project No. 1749
Stamp	Sheet No.

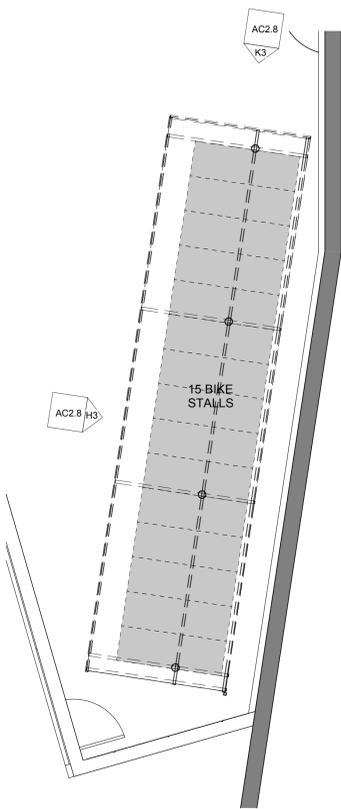
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of

BLRB ARCHITECTS, P.S.

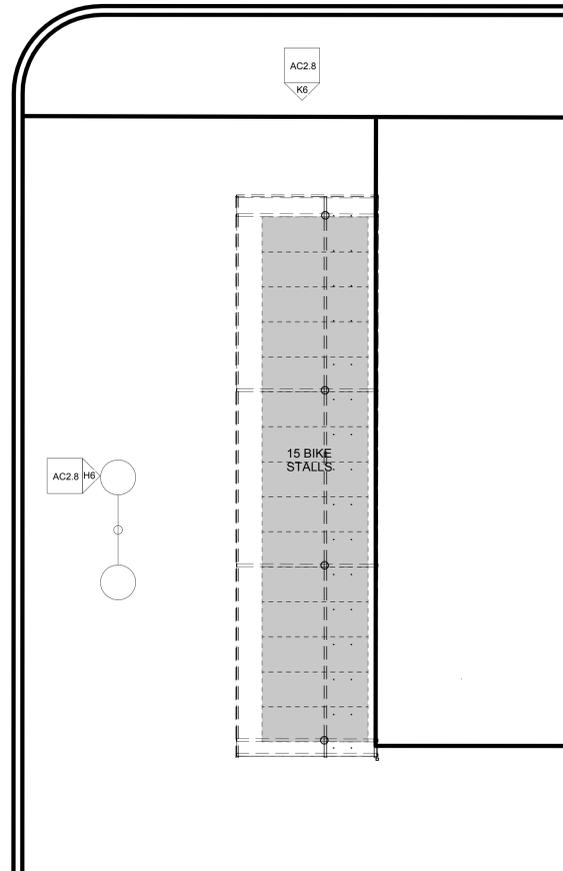
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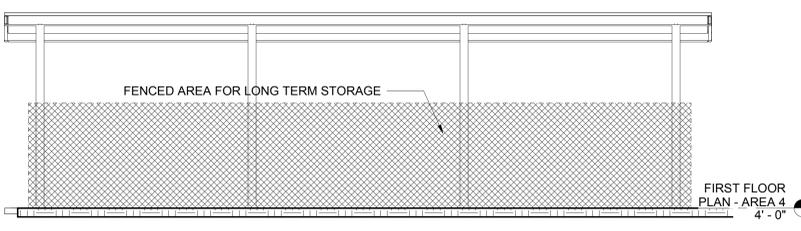
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 PF: Show Previous + New, PH: New Construction



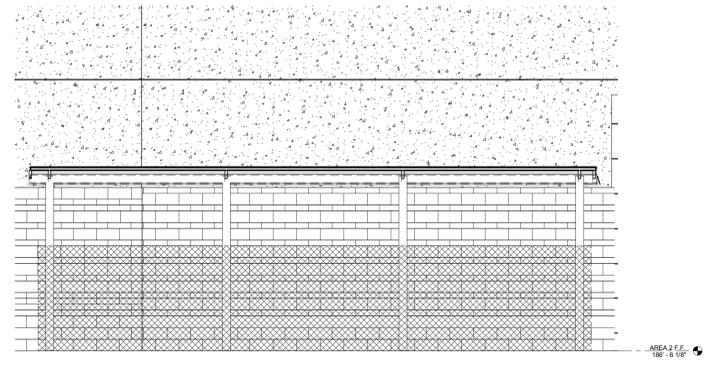
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 PF: Show Previous + New, PH: New Construction



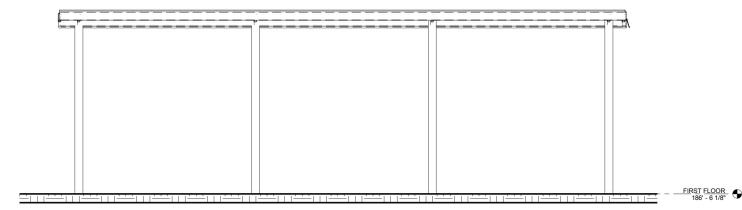
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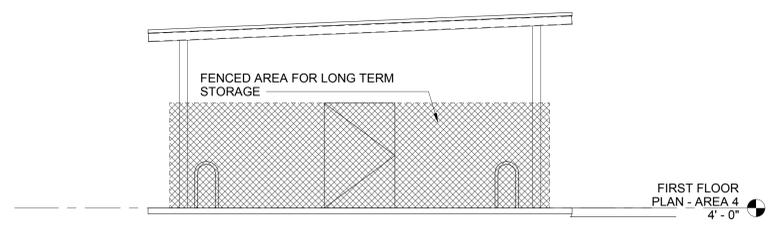
H1 ELEVATION AREA 4 - FRONT BIKE STORAGE
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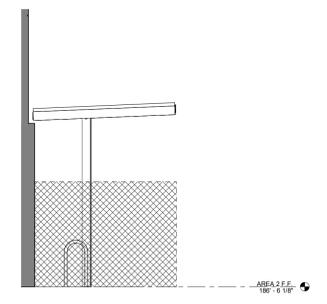
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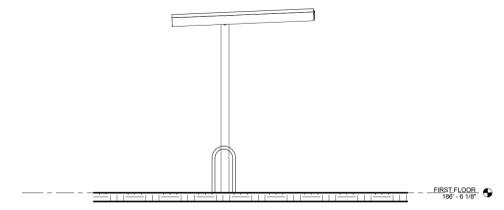
H6 AREA 1 WEST - SIDE BIKE STORAGE ELEVATION
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 PF: Show All, PH: New Construction



K1 ELEVATION AREA 4 - SIDE BIKE STORAGE
 1/4" = 1'-0" @ FULL SIZE REF: A2.31/ 1
 PF: Show All, PH: New Construction



K3 AREA 1 EAST - SIDE BIKE STORAGE ELEVATION
 1/4" = 1'-0" @ FULL SIZE REF: A2.31/ 1
 PF: Show All, PH: New Construction



K6 AREA 1 WEST - FRONT BIKE STORAGE ELEVATION
 1/4" = 1'-0" @ FULL SIZE REF: A2.31/ 1
 PF: Show All, PH: New Construction



#	Date	Description
Revision Schedule		

AGENCY SET

Olympia High School Addition & Illuminated Synthetic Field

BLRB architects

Drawing Title:
BIKE STORAGE

Date:	2/25/2019	Drawn By:	Author
Revised Date:		Project No.:	1749

Stamp	Sheet No.
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AC2.8

GENERAL NOTES FOR LIGHTING FIXTURE SCHEDULE

1. SEE DRAWINGS FOR EMERGENCY LIGHTING FIXTURES. PROVIDE UNSWITCHED HOT-LEG TO EMERGENCY LIGHTS.

2. FOR LIGHTING CONTROLS WHICH INCLUDE DAYLIGHT, OCCUPANCY SENSORS AND TIME CLOCK CONTROLS, THE ELECTRICAL CONTRACTOR SHALL PROVIDE TESTING OF THE CONTROL DEVICES, COMPONENTS, EQUIPMENT AND SYSTEMS TO MAKE SURE THEY ARE CALIBRATED, ADJUSTED AND OPERATE IN ACCORDANCE WITH DRAWINGS AND SPECIFICATIONS. SEQUENCES OF OPERATION SHALL BE FUNCTIONALLY TESTED IN THE PRESENCE OF THE ENGINEER. A COMPLETE REPORT OF TEST PROCEDURES AND RESULTS SHALL BE PREPARED AND FILED WITH THE OWNER.

LIGHTING FIXTURE SCHEDULE

SYMBOL	FIXTURE DESCRIPTION	MANUFACTURER/MODEL #	LAMPS	DELIVERED LUMENS	V	W	MOUNTING & REMARKS
AH1	DUAL HEAD - TYPE 4W PARKING LOT FIXTURE	KIM LIGHTING# ALT2-100L-4K7-4W-UNV-A34-XX-XX-DF-CLR-XX	LED 4000K	22270	277	200	ROUND POLE - 26' HIGH - MEET 100 MPH WIND FACTOR. MOUNT TO 2.5' CONCRETE POLE BASE. ARCHITECT TO SELECT FINISH COLOR
PL1	PENDANT STRIP LED LIGHT	COLUMBIA LIGHTING # LCL4-3SLW-E-U-CSHC	LED 3500K	2576	277	19	MOUNT AT +8' AFF
PL1E	PENDANT STRIP LED LIGHT	COLUMBIA LIGHTING # LCL4-3SLW-E-U-CSHC-ELL14	LED 3500K	1400	277	19	PROVIDE WITH EMERGENCY BATTERY PACK
PL3	12' LONG DIRECT/INDIRECT PENDANT LIGHT FIXTURE	FINELITE # HP-4 ID-12-B-B-835-F-DL-XX-FA-DE-SC-C1	LED 3500K	12174	277	110	
PL4	12' LONG DIRECT/INDIRECT PENDANT LIGHT FIXTURE	FINELITE # HP-4 ID-12-B-H-835-F-DL-XX-FA-DE-SC-C1	LED 3500K	15102	277	140	
PL5	12' LONG DIRECT/INDIRECT PENDANT LIGHT FIXTURE	FINELITE # HP-4 ID-12-B-V-835-F-DL-XX-FA-DE-SC-C1	LED 3500K	17571	277	167	
RL1	2" APERTURE RECESSED LED	FINELITE # HP-2 R-4-H-835-F-XXV-SC-C1	LED 3500K	2557	277	28	
RL1E	2" APERTURE RECESSED LED	FINELITE # HP-2 R-4-H-835-F-XXV-SC-C1	LED 3500K	2557	277	28	PROVIDE WITH UL924 DEVICE
RL2	4' LINEAR LED	VODE# 707-Z2-SL-4-48-T2-0-RP-XX-XX-XX-Z-SO-8035-S4-0-WH-0	LED 3500K	2,800	277	27	
RL2E	4' LINEAR LED	VODE# 707-Z2-SL-4-48-T2-0-RP-XX-XX-XX-Z-SO-8035-S4-0-WH-0	LED 3500K	2,800	277	27	PROVIDE WITH UL924 DEVICE
RL3	2" APERTURE RECESSED LED	FINELITE # HP-2 R-4-V-835-F-XXV-SC-C1	LED 3500K	3287	277	37	
RL4	6" RECESSED ROUND DOWNLIGHT	PRESCOLITE # LF6SL-DM1-XX-6LFLM11L-35K-8-XX-XX-DL	LED 3500K	1100	277	13	
RL5	6" RECESSED ROUND DOWNLIGHT	CALCULATED FOR 1500 FOR BATHROOMS	LED 3500K	1500	277	16	
RL6	2'X2' RECESSED TROFFER LED	FINELITE # HPR LED-ANR-2X2-DCO-B-835-XX-SC-XX	LED 3500K	4200	277	37	
RL7	2'X2' RECESSED TROFFER LED	FINELITE # HPR LED-ANR-2X2-DCO-S-835-XX-SC-XX	LED 3500K	3276	277	29	
SL1	3" SQUARE CORNER MOUNT LED FIXTURE	BARTCO # BSS750-45-35-5-SM-XX-AW	LED 2500K	2200	277	20	
SL2	4' LONG LED STRIP LIGHT	COLUMBIA LIGHTING # CSL4-4035	LED 3500K	4231	277	40	
SL3	UNDER CANOPY LIGHT	MODERN FORMS # FM-W9200-30-WT	LED 4000K	945	277	16	
SL4	4' LONG DIRECT LIGHT FIXTURE	FINELITE # HP-4 SIM-4-B-835-DL-277-XX-DE-SC	LED 3500K	1907	277	18	
UC1	16" LONG UNDER CABINET LIGHT	BRUCK # 138540-16-35K-95-277-WH	LED 3500K	492	277	9	
WL1	ELEVATOR PIT GASKETED LED LIGHT	COLUMBIA LIGHTING # LXEM-4-35-LW-RFA-E-U-XX	LED 3500K	4400	277	33	
WL2	ABOVE MIRROR LIGHT	WAC LIGHTING # WS-7316-XX	LED 3500K	1845	277	25	
WW1	ROUND WALL WASHER	PRESCOLITE # LF6SL-DM1-XX-6LFLM11L-35K-8-XX-WW	LED 3500K	1000	277	10	
EX1	EXIT SIGN	EXITRONIX # GVEX-U-BP-WB-WH	LED		277	3	
EX2	SELF LUMINOUS EXIT LIGHT FIXTURE	EXITRONIX # PXP-1G-20-XXX-XX					

AGENCY SET

Olympia High School Addition & Illuminated Synthetic Field

1302 NORTH STREET
OLYMPIA WASHINGTON 98501

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503.585.0270

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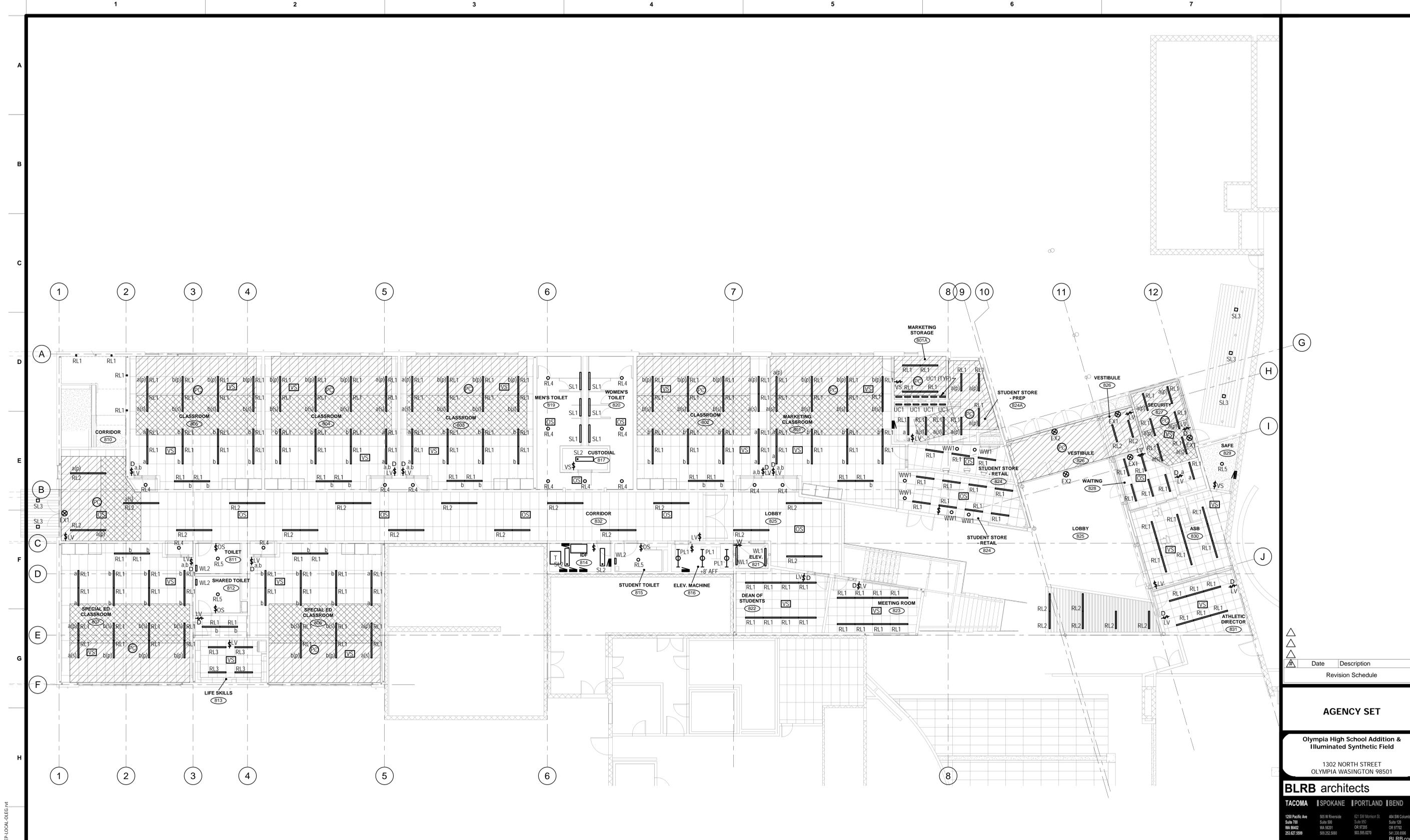
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LIGHTING FIXTURE SCHEDULE

Date: 2/25/2019 Drawn By: O.C.

Revised Date: Project No. 1749

Stamp:

Sheet No. E0.02



1 FIRST FLOOR LIGHTING PLAN - AREA 1
 1/8" = 1'-0" @ FULL SIZE
 0' 2'-0" 4'-0" 8'-0"

Date	Description
	Revision Schedule

AGENCY SET

Olympia High School Addition & Illuminated Synthetic Field
 1302 NORTH STREET
 OLYMPIA WASHINGTON 98501

BLRB architects

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 1200 Pacific Ave Suite 700 WA 98402 253.627.9699
 905 W Riverside Suite 500 WA 98201 509.232.5889
 821 SW Morrison St Suite 900 OR 97205 503.255.6779
 654 SW Columbia Suite 100 OR 97102 503.336.6666
 BLRB.com

Drawing Title:
FIRST FLOOR LIGHTING PLAN - AREA 1

Date: 2/25/2019 Drawn By: O.C.

Revised Date: Project No. 1749

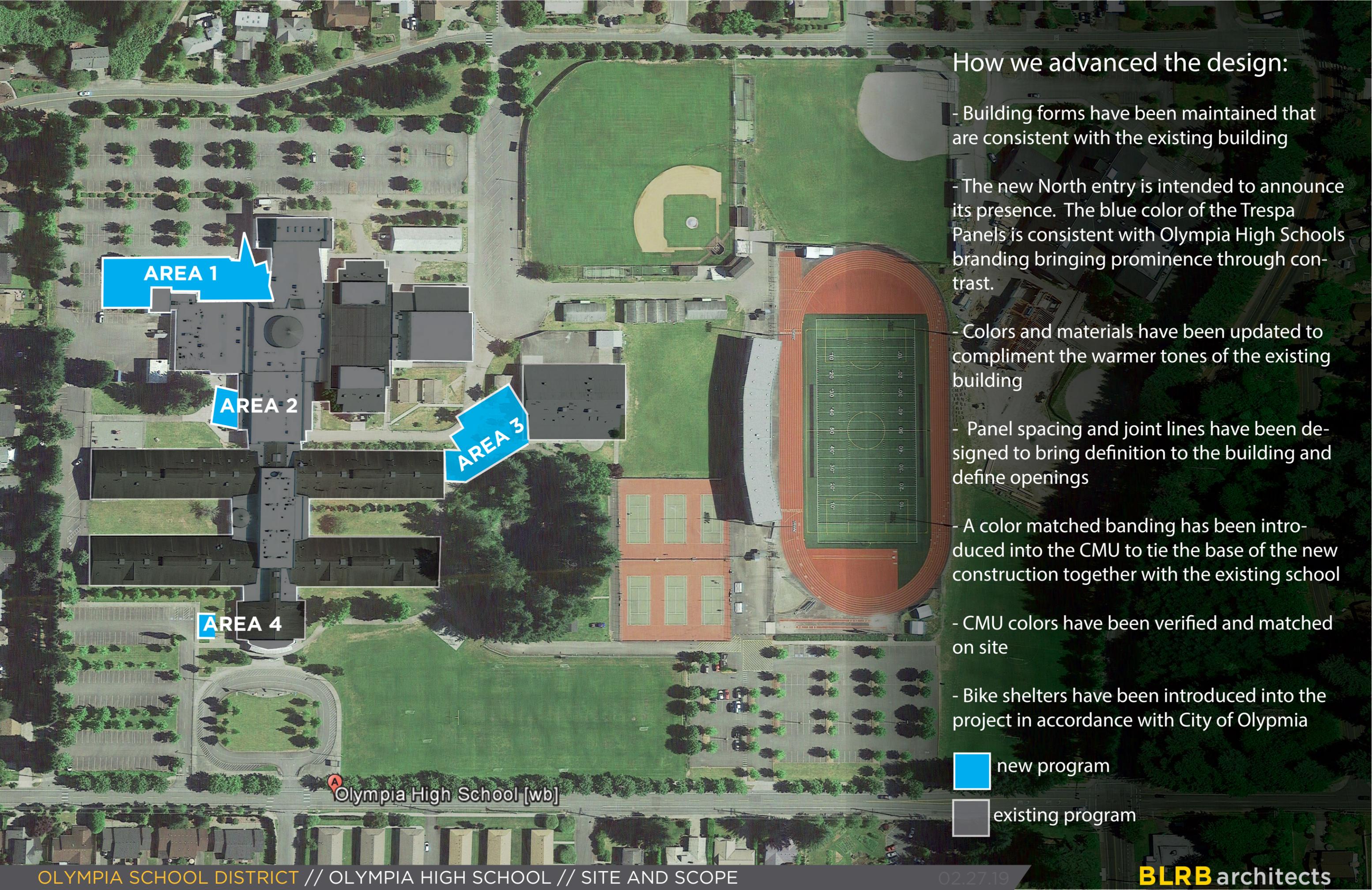
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Olympia High School

Addition & Illuminated Synthetic Field
Design Review Board Package

February 28, 2019



How we advanced the design:

- Building forms have been maintained that are consistent with the existing building
- The new North entry is intended to announce its presence. The blue color of the Trespa Panels is consistent with Olympia High Schools branding bringing prominence through contrast.
- Colors and materials have been updated to compliment the warmer tones of the existing building
- Panel spacing and joint lines have been designed to bring definition to the building and define openings
- A color matched banding has been introduced into the CMU to tie the base of the new construction together with the existing school
- CMU colors have been verified and matched on site
- Bike shelters have been introduced into the project in accordance with City of Olympia

AREA 1

AREA 2

AREA 3

AREA 4

Olympia High School [wb]

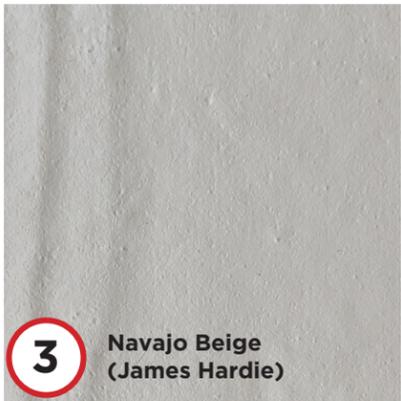
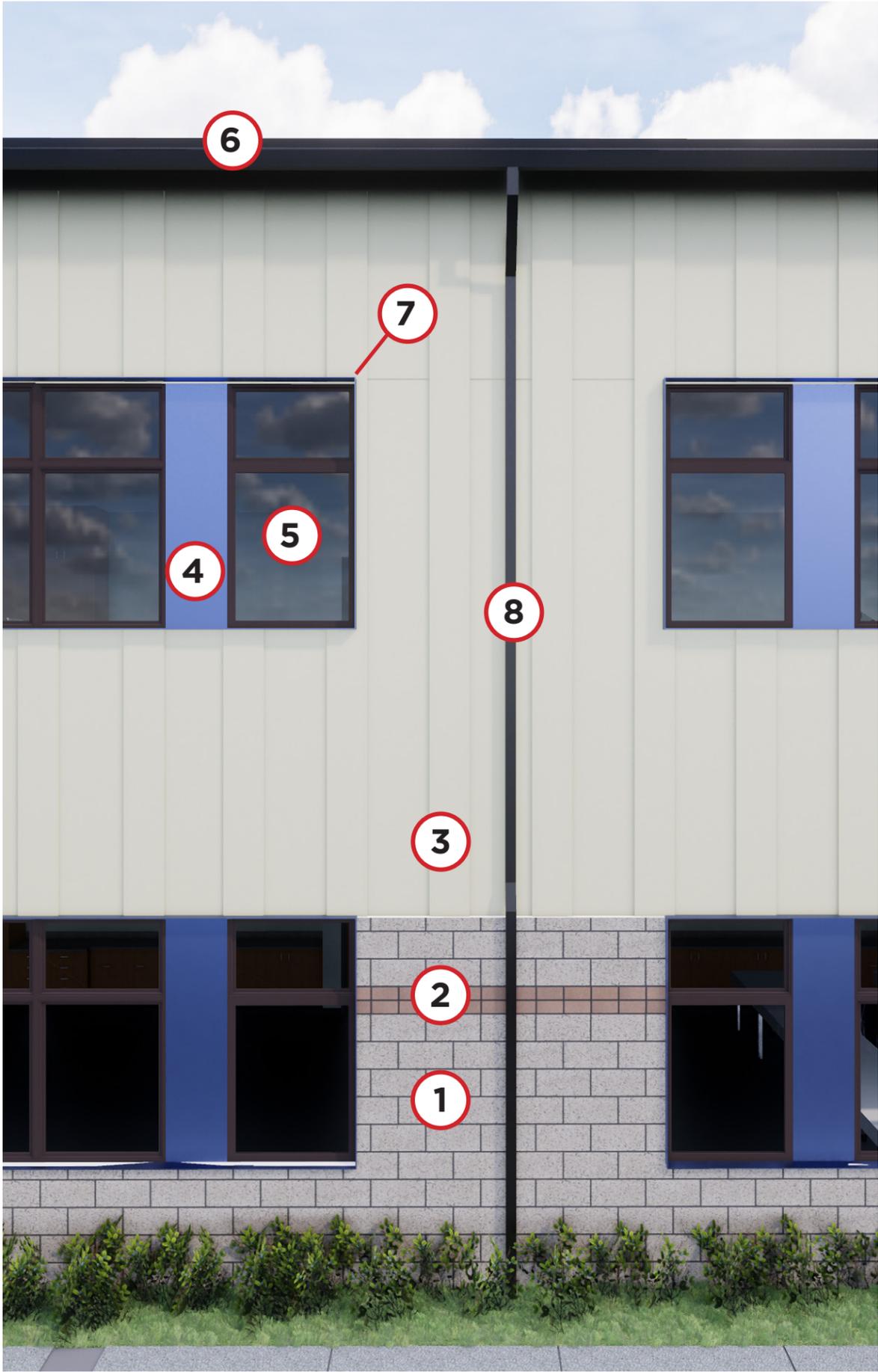


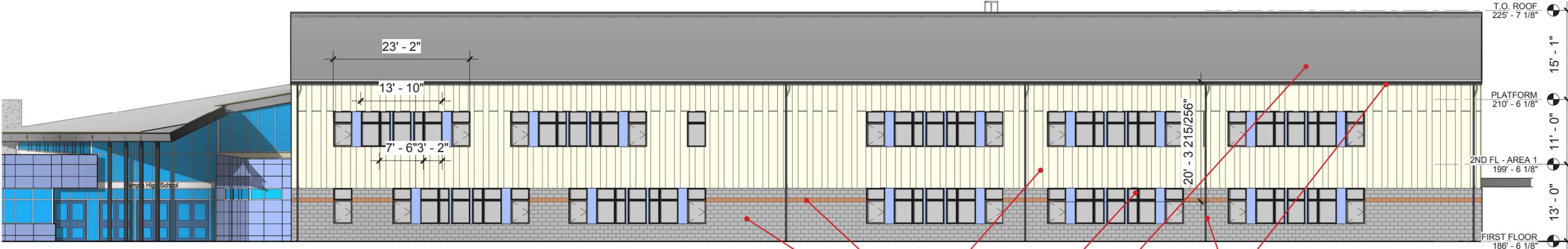
new program



existing program

PRIMARY MATERIALS/COLORS





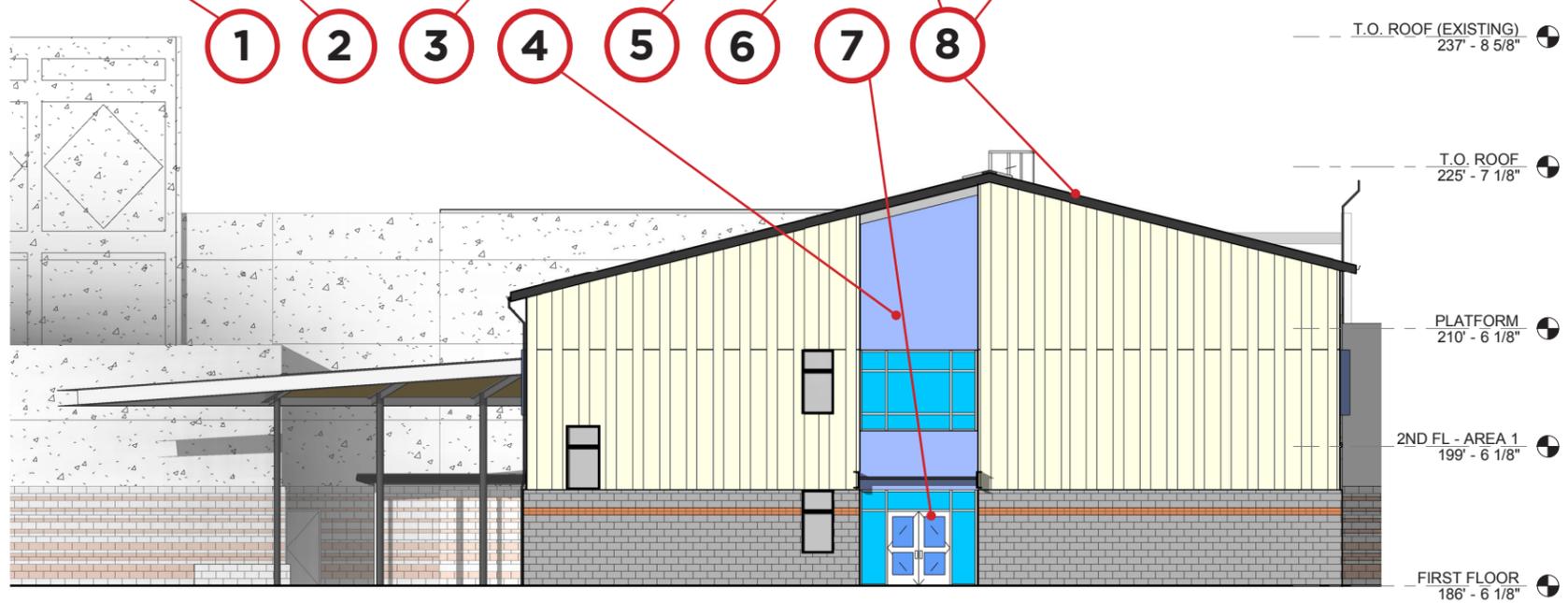
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0' 5' 10' scale: 1/16" = 1'-0"



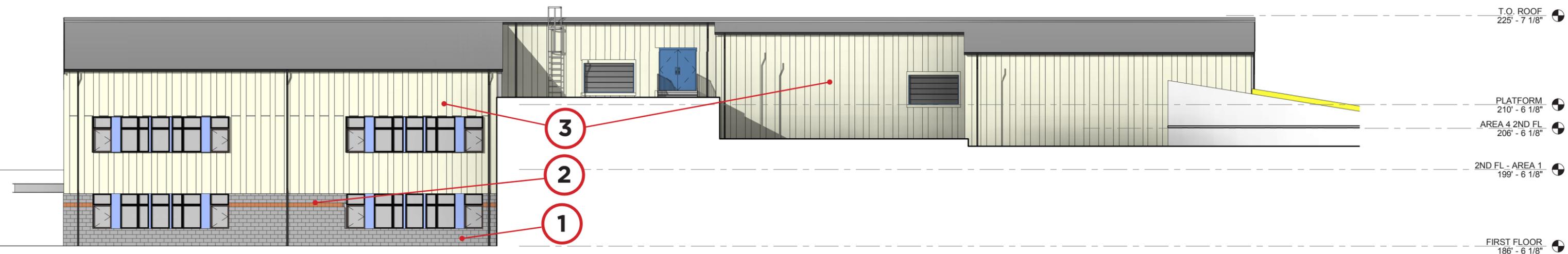
2 Enlarged Entry - North Elevation - Area 1

0' 5' 10' scale: 1/16" = 1'-0"



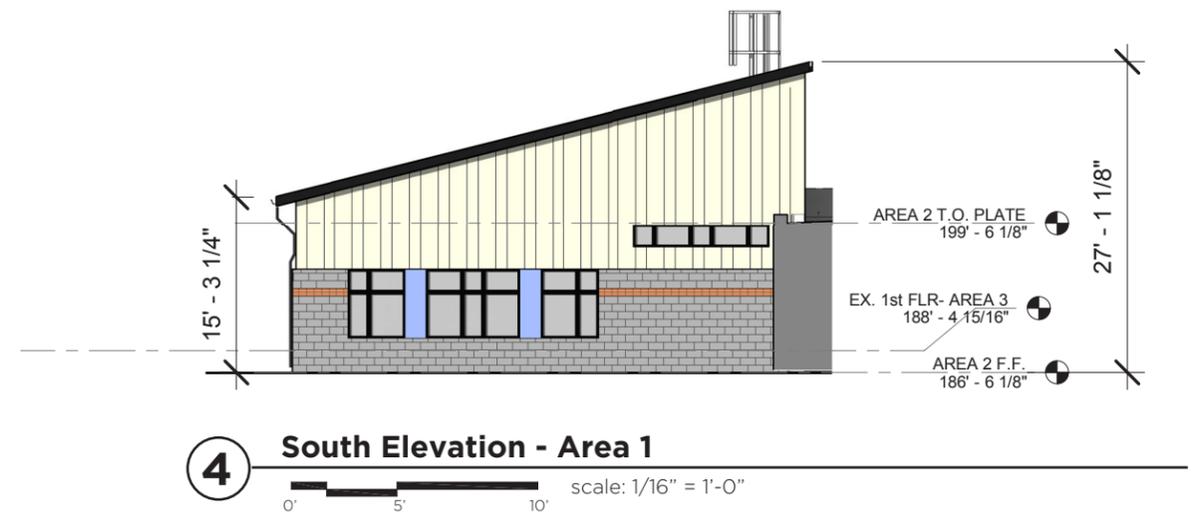
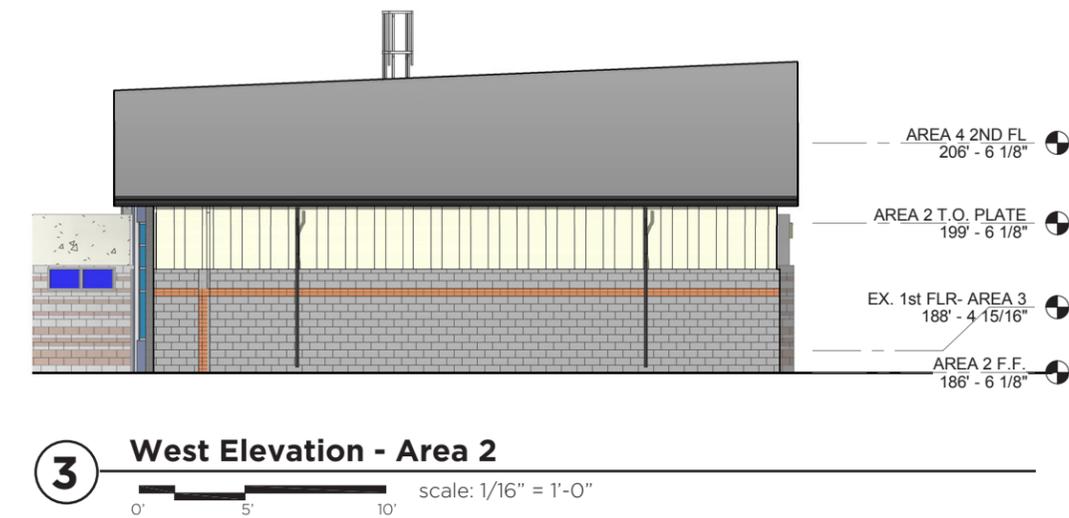
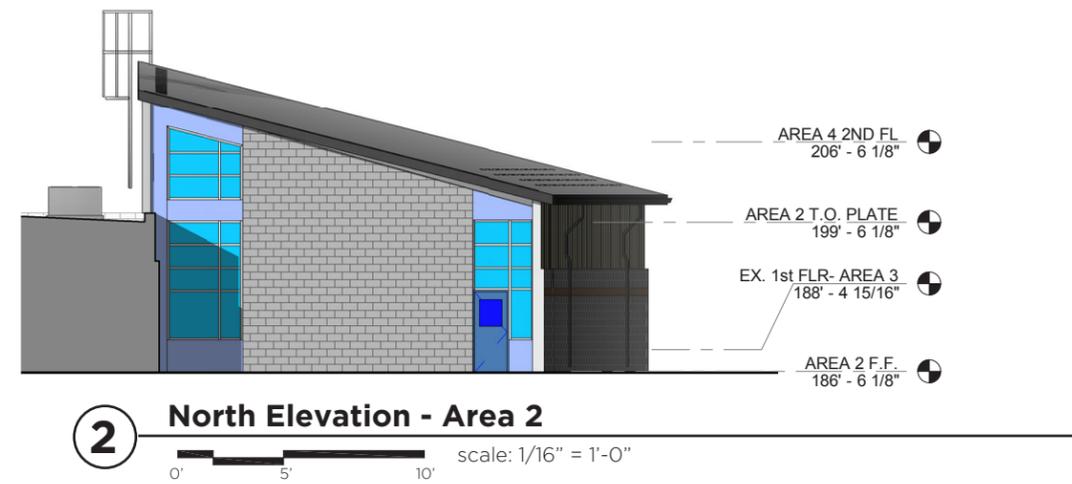
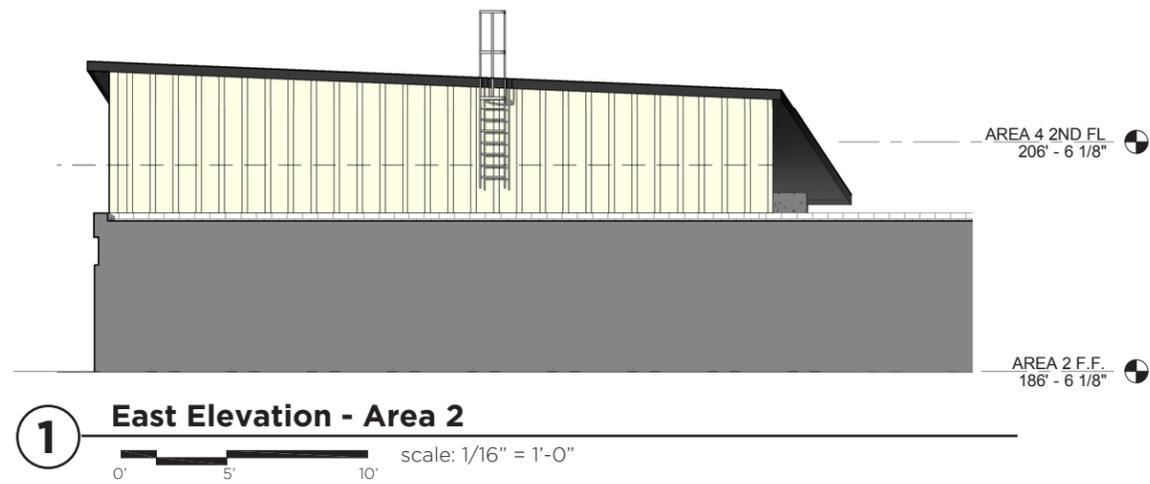
3 West Elevation - Area 1

0' 5' 10' scale: 1/16" = 1'-0"



4 South Elevation - Area 1

0' 5' 10' scale: 1/16" = 1'-0"





1 N. East Elevation - Area 3

scale: 1/16" = 1'-0"



2 N. West - Area 3

scale: 1/16" = 1'-0"



3 S. East Elevation - Area 3

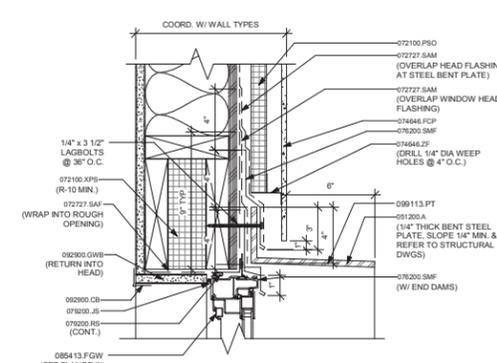
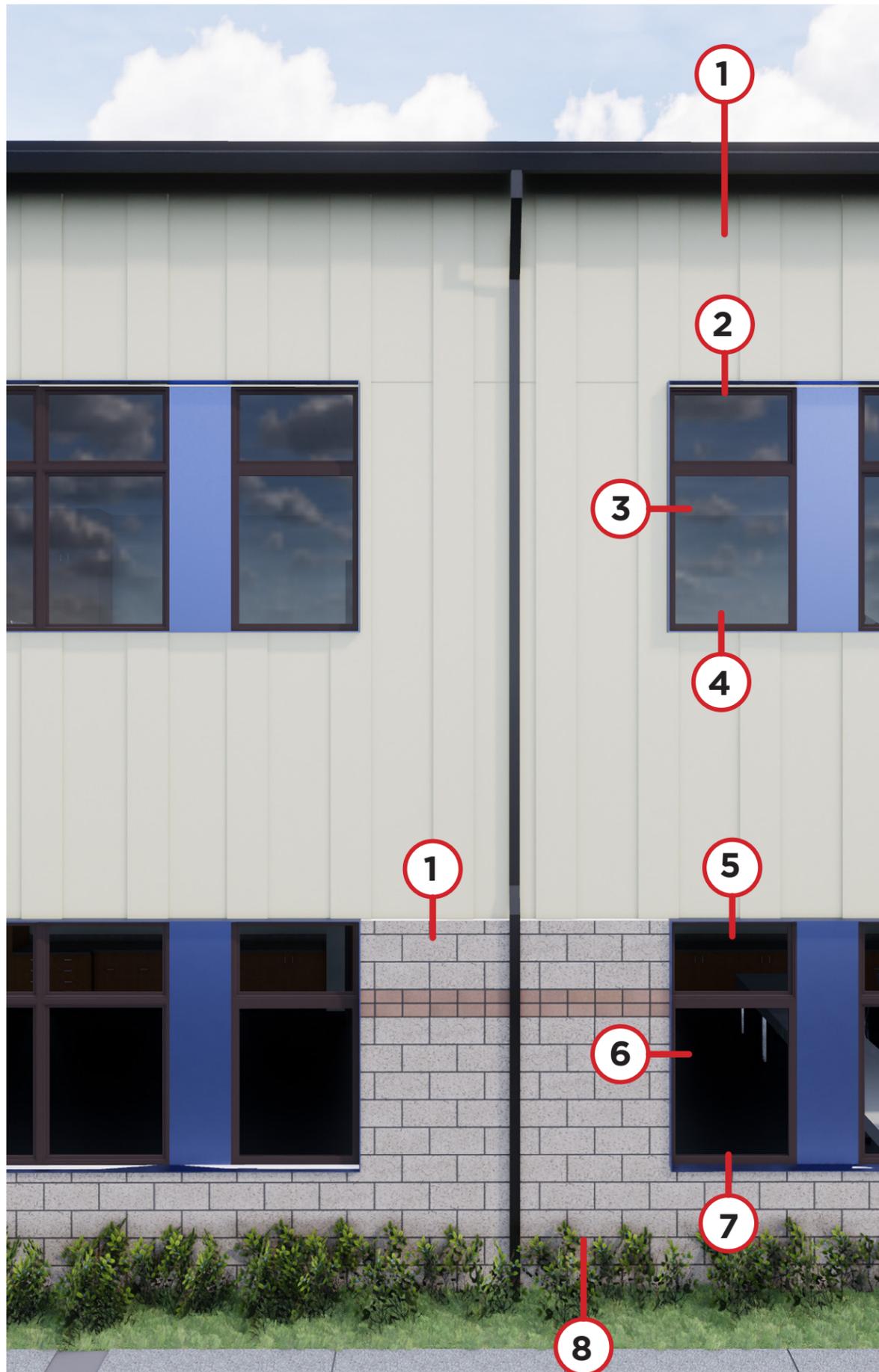
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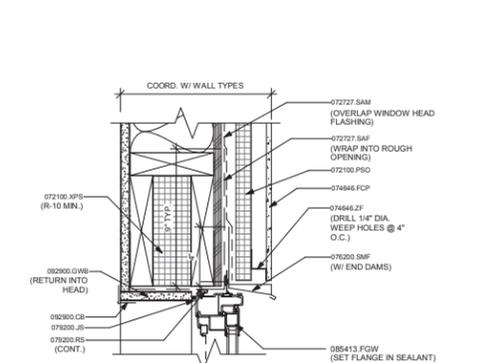
4 S. West Elevation - Area 3

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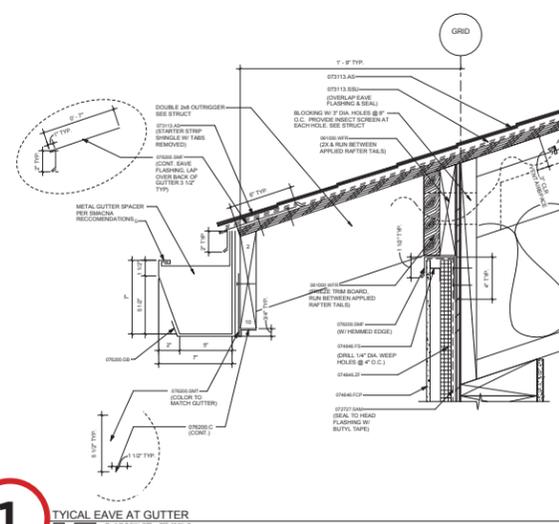
TYP. DETAILS



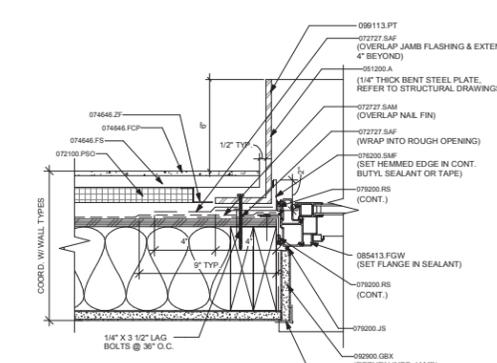
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3'-1-0" @ FULL SIZE REF. A4.11 E2
 0' 2'-0" 4'-0" 8'-0"



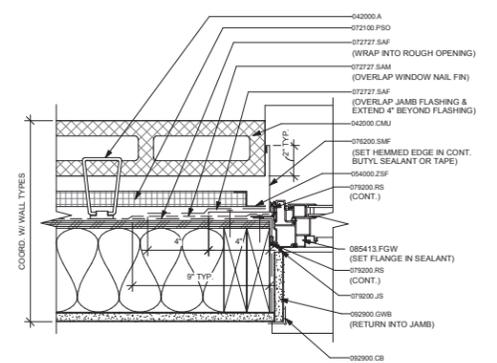
5 TYP. FIBERGLASS HEAD @ FIBER CEMENT PANEL SIDING
3'-1-0" @ FULL SIZE REF. A4.11 E2
 0' 2'-0" 4'-0" 8'-0"



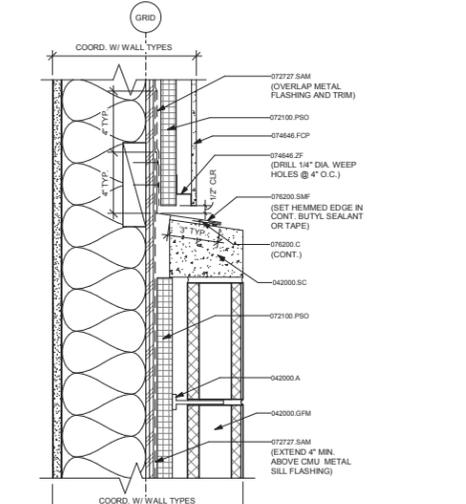
1 TYPICAL EAVE AT GUTTER
3'-1-0" @ FULL SIZE REF. A4.11 E3
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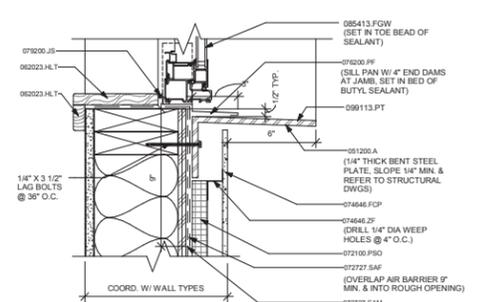
3 TYP. FIBERGLASS JAMB @ FIBER CEMENT PANEL SIDING
3'-1-0" @ FULL SIZE REF. A4.11 E2
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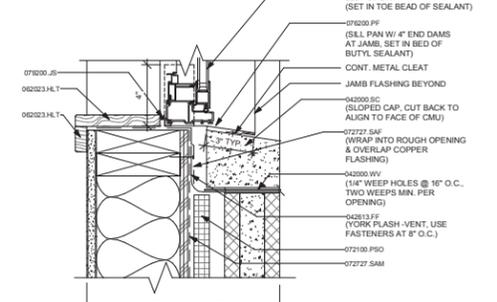
6 TYP. FIBERGLASS JAMB @ CMU VENEER
3'-1-0" @ FULL SIZE REF. A4.11 E2
 0' 2'-0" 4'-0" 8'-0"



9 CMU VENEER TO CEMENT FIBER - WALL TRANSITION
3'-1-0" @ FULL SIZE REF. A4.11 E4
 0' 2'-0" 4'-0" 8'-0"



4 TYP. FIBERGLASS SILL @ FIBER CEMENT PANEL SIDING
3'-1-0" @ FULL SIZE REF. A4.11 E2
 0' 2'-0" 4'-0" 8'-0"



7 TYP. FIBERGLASS SILL @ CMU VENEER
3'-1-0" @ FULL SIZE REF. A4.11 E2
 0' 2'-0" 4'-0" 8'-0"

AREA 1 - New Student Entry



AREA 1 - Bike Shelter



AREA 1 - New Student Entry



AREA 2 - New Music Addition



AREA 3 - New Science Addition



MATERIAL BOARDS



5 Windows: Fiberglass Bark (Milgard Ultra Series)

9 Storefront: clear annodized

8 Midnight Bronze (AEP span)

1 Warm Grey/ground face - 8x16 (Basalite)

2 Burnt Orange/smooth face - 4x16 (Basalite)

3 Navajo Beige (James Hardie)

4 Azurite Blue Metallics satin (Trespa Meteon)

6 Shingles: Midnight Black (Malarkey)

7 Indigo Blue SW6531 (Sherwin Williams)