



## Design Review Board

October 10, 2018

5:30-7:00 PM

City Council Briefing Center

**TIMES GIVEN ARE AN ESTIMATE AND ARE SUBJECT TO CHANGE**

### Board Briefing Session:

5:30 - 5:35	1) Chair Report	Steven Meek
	2) Secretary Report	Dean Gunderson

### Board Business:

5:35 – 5:40	3) Approve the <a href="#">September 12, 2018, meeting minutes</a> .	
	4) Old Business	
	Vote on nominees to the joint DRB/PC subcommittee	Steven Meek
	5) New Business	
	6) Changes to the agenda	

### Workshop:

5:40 – 7:00	7) <a href="#">Recommendation Meeting for Lewis and Clark High School Addition</a>	Dean Gunderson
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### Adjournment:

The next Design Review Board meeting is scheduled for October 24, 2018.

The password for City of Spokane Guest Wireless access has been changed:

**Username: COS Guest Password: Pb4BNfqk**

**AMERICANS WITH DISABILITIES ACT (ADA) INFORMATION:** The City of Spokane is committed to providing equal access to its facilities, programs and services for persons with disabilities. The Council Briefing Center in the lower level of Spokane City Hall, 808 W. Spokane Falls Blvd., is wheelchair accessible and also is equipped with an infrared assistive listening system for persons with hearing loss. Headsets may be checked out (upon presentation of picture I.D.) through the meeting organizer. Individuals requesting reasonable accommodations or further information may call, write, or email Human Resources at 509.625.6363, 808 W. Spokane Falls Blvd, Spokane, WA, 99201; or [jjackson@spokanecity.org](mailto:jjackson@spokanecity.org). Persons who are deaf or hard of hearing may contact Human Resources through the Washington Relay Service at 7-1-1. Please contact us forty-eight (48) hours before the meeting date.

## **Meeting Rules of Procedure - Spokane Design Review Board**

### **Call to Order**

- Chair calls the meeting to order, noting the date and time of the meeting.
- Chair asks for roll call for attendance.

### **Board Briefing**

- Chair Report – Chair gives a report.
- Secretary Report – Sr. Urban Designer gives a report.

### **Board Business**

- Meeting Minutes - Chair asks for comments on the minutes of the last meeting; Asks for a motion to approve the minutes.
- Chair asks is there any old business? Any old business is discussed.
- Chair asks is there any new business? Any new business is discussed.
- Chair asks if there any changes to the agenda.

### **Board Workshop**

- Chair announces the first project to be reviewed and notes the following: a) the Board will consider the design of the proposal as viewed from the surrounding public realm; b) the Board does not consider traffic impacts in the surrounding area or make recommendations on the appropriateness of a proposed land use; c) it is the applicant's responsibility to meet all applicable code requirements regardless of what might be presented or discussed during workshops.
- Chair asks for a staff report.

### **Staff Report**

- Staff report on the item, giving findings of fact. Presentation will be kept to 5-10 minutes.

### **Applicant Presentation**

- Chair invites the applicant(s) to sit at the table and invites the applicant to introduce the project team and make a 10-15 minute presentation on the project.

### **Public Comment\***

- Chair asks if there are comments from other interested parties – comments shall be kept to 3 minutes, and confined to the design elements of the project.
- Chair reads any written comments submitted by interested citizens.

*\* Contact Planning Department staff after the meeting for additional opportunities to comment on the proposal.*

### **DRB Clarification**

- Chair may request clarification on comments.

### **Design Review Board Discussion**

- Chair will ask the applicants whether they wish to respond to any public comments, after their response (if any) they are to return to their seats in the audience.
- The Chair will formally close public comments.
- Chair leads discussion amongst the DRB members regarding the staff recommendations, applicable design criteria, identification of key issues, and any proposed design departures.

### **Design Review Board Motions**

- Chair asks whether the DRB is ready to make a motion.
- Upon hearing a motion, Chair asks for a second. Staff will record the motion in writing.
- Chair asks for discussion on the motion.
- Chair asks the applicant if they would like to respond to the motion.
- After discussion, Chair asks for a vote.

### **Design Review Board Follow-up**

- Applicant is advised that they may stay or leave the meeting.
- Next agenda item announced.

### **Other**

- Chair asks board members and audience if there is anything else.

### **Adjourn**

- Chair asks for a motion to adjourn. After the motion is seconded, and approved by vote, Chair announces that the meeting is adjourned, noting the time of the adjournment.

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# Design Review Board - Meeting Minutes

**September 12, 2018**

Meeting called to order at 5:30 PM

## Attendance

- Board Members Present: Steven Meek - Chair, Alex Maxwell, Ted Teske, Charlene Kay, Anne Hanenburg
- Board Members Not Present: Kathy Lang (CA Liaison), Ryan Leong, Dave Buescher - Vice-Chair
- Quorum present: Yes
- Staff Present: Dean Gunderson

## Briefing Session:

1. **Chair Report:** No report.
2. **Secretary Report:** Update provided on the joint meeting with the Plan Commission (PC) held on September 11, 2018. The PC, during their regularly scheduled meeting on September 12, appointed Commissioners Todd Beyreuther, Sylvia St. Clair, and Greg Francis to the subcommittee.
3. **Approval of Minutes:** Motion to approve meeting minutes for August 22, 2018, made by Anne, seconded by Ted. Approved unanimously, 5/0.
4. **Old Business:** None.
5. **New Business:** Discussion regarding which members of the Design Review Board (DRB) will participate in the joint DRB/PC subcommittee. Per the DRB rules, a vote must be taken to approve the appointments. Tentative nominees are: Dave Buescher, Anne Hanenburg, and Alex Maxwell - with Kathy Lang servicing as the board's CA Liaison. It is anticipated the vote on the nominations will take place at the next DRB meeting on October 10, 2018.
6. **Changes to the Agenda:** None.

## Workshop:

7. **Collaborative Workshop for McDonalds, 517 W 3<sup>rd</sup> Avenue:**
  - Staff report: Dean Gunderson; Neighborhood & Planning Services
  - Public Comment: None
  - Applicant Report: Amanda Martin; PM Design Group
  - Questions asked and answered

**Motion to approve Advisory Action made by Char, seconded by Alex. Approved unanimously 5/0.**

Meeting adjourned at 7:17 p.m.

Next Design Review Board meeting is scheduled for **October 10, 2018**

# Lewis & Clark High School Addition

## 1 – RECOMMENDATION MEETING

### Design Review Staff Report

October 3, 2018

**Staff:**

Dean Gunderson, Senior Urban Designer

Planning &amp; Development Services Department

**Applicants:**

Randall Wilson, NAC Architecture

Greg Forsyth, Spokane Public Schools

## Background

The Design Review Board Collaborative Workshop was held on July 25, 2018.

The following materials are supplemental to this report:

- Design Review Board | Collaborative Workshop Advisory Actions, July 25, 2018;
- Design Review Staff Report | Program Review/Collaborative Workshop, July 17, 2018;

## Topics for Discussion

During the workshop, the applicant is encouraged to please describe changes to the design since the Collaborative Workshop/Program Review including any changes made in response to advisory actions offered by the Design Review Board on July 25, 2018 as follows: *(Applicant responses in highlighted and italicized text, from September 19, 2018 submittal)*

### Building:

1. The applicant is encouraged to continue refining the building façades to ensure the building is “of its time” per the Secretary of the Interior’s Standards.

*Details have been added that are modern interpretations of the existing historical building or parts of the 2000 field house addition. See attached elevations for additional information.*

*(See applicant submittal, pages 2-6, 12-20)*

2. The applicant shall provide additional information regarding the configuration of all the building’s façades.

*All the elevations have been developed. See attached elevations for additional information.*

*(See applicant submittal, pages 2-6, 12-20)*

3. The applicant shall provide additional design information regarding masonry detailing.

*See attached elevations for additional information.*

*(See applicant submittal, pages 2-6, 12-20)*

**Site:**

4. The applicant shall take every measure possible to preserve the bosque of mature heritage trees within the existing Howard Plaza/Promenade – especially in regards to the possible replacement of existing underground utilities.

*Preservation of the existing trees continues to be a high priority. The school district has commissioned an arborist to review the health of the trees and make recommendations for preservation.*

*(See applicant submittal, pages 2, 7 and 9)*

5. The applicant shall return with a more well-refined configuration for the proposed plazas – specifically in regards to site access, seating, and programming.

*See attached site and landscaping plan showing extent of south side student courtyard. The design intent is to provide a variety of zones from passive to active in the menu of outdoor spaces.*

*(See applicant submittal, pages 2, 7-9)*

6. The applicant shall consider the solar shading benefits of coniferous trees – especially in regards to prominent window glazing.

*See attached site and landscaping plan showing extent of existing trees to remain. It was decided that in order to provide a large enough outdoor active zone that the 5 ponderosa pine trees in the center of the lawn would need to be removed. The rest of the trees at the perimeter will be preserved and new street trees along the south edge are being proposed to give good solar shading during the warmer months and allow for more solar access in the winter.*

*(See applicant submittal, pages 2, 7-9)*

**Signage:**

7. The applicant shall provide information on the relocation, or replacement, of existing landmark signage.

*See attached site and landscape plan. The main sign on Fourth Avenue & Howard Street will be preserved and incorporated as part of the new site entry. The balance of*

*the signage and other artifacts scattered throughout the existing site will be catalogued and a new location designated.*

*(See applicant submittal, pages 2 and 7)*

### **Additional information from Applicant**

Questions from staff to applicant's architect, Randy Wilson (sent September 24, 2018):

1. You've stated that it's NAC's intent that the architectural elements of the southwest (*sic*) entrance of the main facility (which you've referred to as the west elevation's "architrave") will be preserved to some extent, and one of the photorealistic renderings indicates the four-centered Tudor arch staying in-place. It appears that the bottom of the arch's lowest radius is about 5'-6" above the second floor's finish elevation, and the addition's second floor plan shows a ramp at the eastern end of the new corridor-connector. Is it NAC's intent that the terracotta archway will remain and that the two-story steel & glass corridor will bracket (or frame) the arch?

*Yes, see attached drawing A1; in order to maximize the width and height of the opening we are removing the jamb piece which increases the width and height by 34" & 17" respectively. We also hope to salvage the transom window to be incorporated somewhere in the new addition entry area.*

*(See supplemental information submitted by applicant, Detail A1 – see follow-up question below)*

2. The Lighting Plan calls out three fixture types (Z01, Z02, and Z03), but only images for two options for the Z02 post light are provided. Can NAC provide images for both the proposed Z01 and Z03 fixtures?

*Yes, see attached.*

*(See supplemental information submitted by applicant, Z01\_Z03 Luminaire Cuts)*

3. The layout for the site on the Lighting Plan is somewhat different than what is provided on the Site and Grading Plan and the Landscape Plan, but it does match the photorealistic illustration titled Outdoor Commons. Does the layout shown on the Site and Grading Plan and the Landscape Plan depict the correct plaza configuration?

*The site grading and landscape plan are the most current version.*

4. The Site and Grading Plan indicates four existing site elements being preserved (4th Avenue Sign, Granite Fountain, Victory Bell Stand, and the Balazs Sculpture). There are a number of other memorial plaques placed on existing planter walls commemorating past graduating classes and teachers & people significant to the school's history. Has NAC catalogued these plaques, and are there plans to mount them on the new planter/retention walls in the new Outdoor Commons?

*Yes the intent is to locate the many plaques in the new planter walls.*

Question sent from staff to applicant's architect Randy Wilson (sent September 25, 2018):

1. I (staff) quickly put together the attached image based on the A1 image you submitted earlier. I've shown shaded in red the portion of the terracotta arch that you plan on removing, and the transom window hatched in green that you plan on relocating to the new addition. Let me know if this is correct.

*Yes this is correct.*



*(Supplemental image prepared by staff)*

## Additional Topics for Discussion

1. The applicant proposes a partial demolition of the terracotta four-centered Tudor Archway at the northwest entrance to the existing historic facility, what opportunities exist to keep the full terracotta elements of the archway (or what, if any, prohibitions present themselves)?
2. The applicant proposes salvaging the existing wooden transom window from the northwest entrance's archway, and relocate it to the new addition. Where in the new addition will the transom be relocated to best highlight this conservation?
3. Approximately five deciduous trees within the Howard Plaza area will be lost to make way for the addition's footprint. Six of the eight deciduous trees located behind the sidewalk along Wall St. are also slated for removal to make way for the addition's western footprint and associated utility yard. Additionally, five conifer trees near the south fence, the associated linear plaza and paved pathway (with four benches), and pedestrian fence gateway near the NEC of Wall St. & 5<sup>th</sup> Ave. are also slated for removal. Is the planting of two new Linden trees (to be located near the south fence, west of the off-street accessible parking space), the creation of a new ~15,000 square foot passive turfed yard, the construction of a ~12,500 square foot stepped plaza, and the planting of ten new street trees (within planter beds) sufficient to mitigate the proposed loss of vegetation?
4. Though no detail is yet provided for the new street trees to be planted along Wall St., the landscape plan implies that these five tree couplets will be planted in a landscaped bed. Since the entire Wall St. frontage will be utilized for both delivery vehicle staging (for the commercial kitchen) and twice-daily bus parking (for drop-offs and pick-ups), shouldn't these back-of-curb street trees be placed in tree wells with grates?
5. The applicant has stated that the addition will have expressed columns (or pilasters); which reference the buttress pilasters on the historic main facility – a version of which can also be found on the field house addition (see applicant's submittal, page 3). The proposed pilasters will be expressed via a notch, or shadow line, within the brick facing on either side of the inset glazed/spandrel portions of the Fourth Avenue façade and will not stand proud of the plane of the facade. This is the same notched detail proposed for nearly every location of an inset fenestration; these other locations are not called out as "columns". Since this detail seems to be most strongly associated with the location of fenestration insets and not with any expressed columnation, is it fair to classify this treatment as a column or pilaster as proposed by the applicant? Is the need for columns on the front façade necessary to comport with advisory actions 1-3?
6. The applicant has proposed a series of operable awning windows in the front elevation's glazing units. This window type is not found either on the historic main facility nor the field house addition, though it is consistent with academic/institutional buildings constructed in the 1950's – 1970's. Is this window type consistent with advisory action 1 – that the addition be "of its time"?
7. The existing exterior brick/concrete stair that leads up to the northwest terracotta archway (and partial conceals the ground-level egress) will be removed to make way for the new two story steel & glass corridor. Additionally, the interior stairway that accommodates the half-flight up to, and down to, the third level and grounds floors respectively will also be modified. Currently, a portion of the ground floor egress is slightly below grade and is day-lit via a short dog-legged pathway/ramp that leads up to

the existing Howard Plaza finish grade. This existing egress route is not shown in the proposed plans, will this be accommodated with renovations to the interior stairway or will it remain?

8. Only a portion of the proposed development is currently funded – the classrooms; which are a legally mandated addition to the current roster of the high school's classrooms. The interior Commons room, lunchroom, and kitchen (and associated utility yard) are not yet funded. If funds for these additional areas do not materialize, how would the Design Review Board like to process the resultant, smaller, addition? Would this be seen as a modification of a prior review, or an entirely new 2-step application?

*The applicant has indicated, under separate cover, that if the project is constructed in two phases the latter construction containing the interior Commons room, lunchroom, and kitchen (and associated utility yard) will be built as soon as funding allows – and until that time, the two-story addition would accommodate only the nine classrooms. Until the second phase can be constructed, the southern side of the main corridor will serve as a temporary southern façade. The applicant also requested that if such a two-phase scenario were to come to pass, that the subsequent second phase be processed via an Administrative Review. Staff has asked the applicant to present what such a first phase south elevation will look like.*

## **Note**

The recommendation of the Design Review Board does not alleviate any requirements that may be imposed on this project by other City Departments including the Current Planning Section of Planning and Development Services.

## **Policy Basis**

Spokane Municipal Codes  
City of Spokane Comprehensive Plan  
Fast Forward Spokane, Downtown Plan Update



## DEVELOPMENT OBJECTIVES:

**Program:** Lewis and Clark High School (LC) currently has a shortage of classrooms relative to the total number of students enrolled at the school. LC also is unique compared to all other high schools in the Spokane area in that it doesn't currently have a large Commons where a large number of students (up to 800) can gather for lunch at one time. Commons also typically serve other extra-curricular functions which now have to be accommodated elsewhere at LC. LC also lacks good ADA accessibility that is easily supervised and controlled creating security and safety issues. This proposed project will rectify these short-comings by:

- Adding nine new classrooms to the campus
- Adding a new 10,500 square foot commons with full preparation kitchen and serving lines
- Creating a new ADA accessible entry that is more easily monitored

To accommodate these new functions, a 36,000 square foot addition is being planned on the lawn area currently owned by Spokane Public Schools west of the historic main building. The main building is on the National Register of Historic Buildings, a designation that was applied for after it was renovated and added to in 2000.

**Building Site:** The existing site is a green lawn area with a few mature trees, planter walls, and a stage platform all which are used by LC students. The lawn area slopes down approximately 9 feet from south to north. The site has extensive trees around the perimeter and the entire perimeter of the site is used for school bus pick-up and drop off of LC students. The site is bounded by raised Interstate 90 with surface parking below to the north across 4th Avenue, the historic main LC building to the east, a 5-story medical office building to the south across 5th Avenue, and Deaconess Hospital's Women and Children's Center and Deaconess Hospital parking garage to the west across Wall Street. The historic front entrance to the school and the entrance to the field house is on 4th Avenue.

## DESIGN GOALS:

**Respect the Main Building:** The main building is truly an architectural gem and the proposed addition must respect its historic character as well as compliment the architecture of the fieldhouse addition and skywalk over Stephens Street. The field house addition completed in 2000 takes cues from the main building using similar colored brick and concrete relative to the brick and terra cotta of the main building, but does so as a re-interpretation of the main building – a building built in its own time rather than a copy of the original. Just as the fieldhouse architecture takes cues from the original building incorporating a strong base, expressing vertical columns, etc., the proposed addition should take similar cues from the main building and fieldhouse, but do so in a manner that once again makes its own statement about when it was built in the continuum of architecture that defines Lewis and Clark High School. When viewed from 4th Avenue – the front of the school – there will now be symmetry about the classically symmetrical main building with the existing fieldhouse connected to the east via the existing skywalk and the new classroom/commons addition connected to the west via a new glass connector. Unlike the fieldhouse, the new classroom/commons addition is designed with the front face along 4th Avenue to sit south or behind the front face of the historic main building in deference to the importance of the main building's historic importance to Spokane's architectural heritage.

**Glass Connector:** To respect the historic character of the main building, the proposed design solution includes a two-story glass connector that lightly touches the main building's west façade. The intent is to respect and celebrate the existing architrave on the west façade leaving it intact. The glass connector allows views through it to the beautifully restored west façade of the main building with minimal impact to this side of the building; and creates a new courtyard between the new classroom/commons addition and the main building. The glass connector will likely take cues from the existing skywalk across Stephens Street that connects the main building to the fieldhouse addition using exposed steel, steel rod bracing and similar colors of glass, but would likely be less ornate than existing arched skywalk structure.

**Site Design Goals:** Site design priorities include creating better ADA accessibility to entire LC school through a new on-grade access at the front (4th Avenue side) of the classroom/commons building. Also important to the site design, is maintaining a large area of green space on the site for outdoor student use, and to make this outdoor space more secure. To accommodate outdoor space, the building is positioned to the north side of the site maintaining as much of the field as possible on the south side of the site, which has better solar access for outdoor student use. Because of the 9 feet of grade change, there will likely be terracing that occurs from 5th Avenue down to an outdoor terrace at grade with the commons where students will have easy access to the outdoor space from the commons. The yet to be designed outdoor space with its terraces offers unique design opportunities for the project. An ornamental fence similar to the fence to the south of the main building is envisioned to create a secure student environment. The row of mature trees parallel to the main building's west façade will be evaluated. If an arborist determines they are healthy, the design team intends to protect and save the trees, incorporating them into the design of the outdoor student courtyard. The west side of the site will house a utility yard for mechanical/electrical equipment and a dumpster for refuse from the commons. This utility yard will be screened the length of Wall Street.



**Changes Since the Collaborative Workshop**

The revisions to the design since the Collaborative Workshop have been mostly refinements in detailing and site development and the balance of elevations have been further developed. Many of the elevation refinements are due to a desire to match detailing from the existing building. Examples are shown on the building elevations presented herein. The connection to the existing building has been studied; the intent is to save the existing terracotta entry arch so that it can be preserved in its existing location.

The site has undergone several iterations that have enhanced the solution for student centric outdoor space on the south side. The design lends itself to several different modalities from retrospective space, active social space and active physical space. While not all of the existing artifacts have been fully located in the new design, the major ones have been placed. The Balazs sculpture will be located in a landscape island that will be prominent from 5th Avenue and from the new Commons/Cafeteria. The existing granite water fountain is located in the quiet courtyard between the new addition and existing building. The bell mount is located along the active connection between the existing southwest building entry and the active courtyard of the addition. The performance platform is now a covered “stage” with an amphitheater like setting.

**Collaborative Workshop Advisory Actions**

**Building**

- 1. The applicant is encouraged to continue refining the building facades to ensure the building is “of its time” per the Secretary of the Interior’s Standards.

**Discussion:** Details have been added that are modern interpretations of the existing historical building or parts of the 2000 field house addition. See attached elevations for additional information.

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**Signage**

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EXISTING

CONNECTING CORRIDOR

MAIN ENTRY

CLASSROOM ADDITION

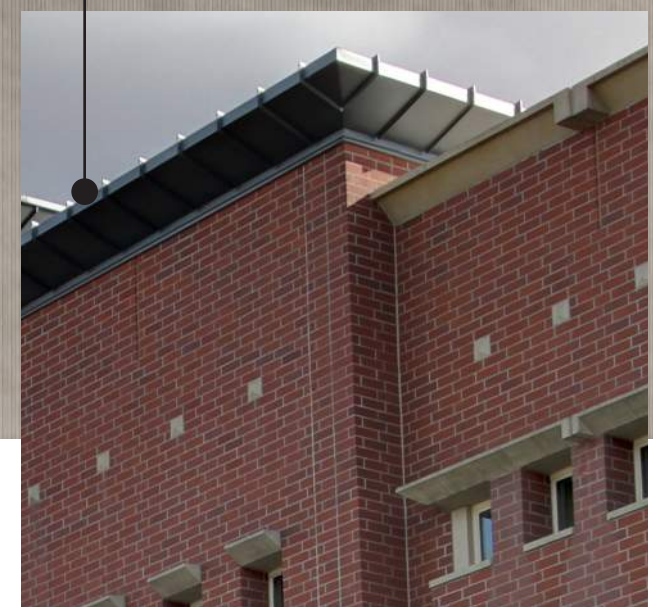


PRESERVE HISTORICAL ENTRY

PRECAST CAP

COLUMNS

METAL CAP



**NORTH ELEVATION**



PRECAST PUNCHED OPENINGS



STEEL & GLASS CONNECTION



## SOUTH ELEVATION



OUTDOOR COMMONS

COVERED PATIO

COMMONS

CORRIDOR

CLASSROOMS

METAL & GLASS

CONCRETE WALLS



## EAST ELEVATION



PRECAST



FENCING



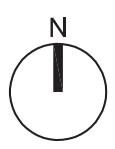
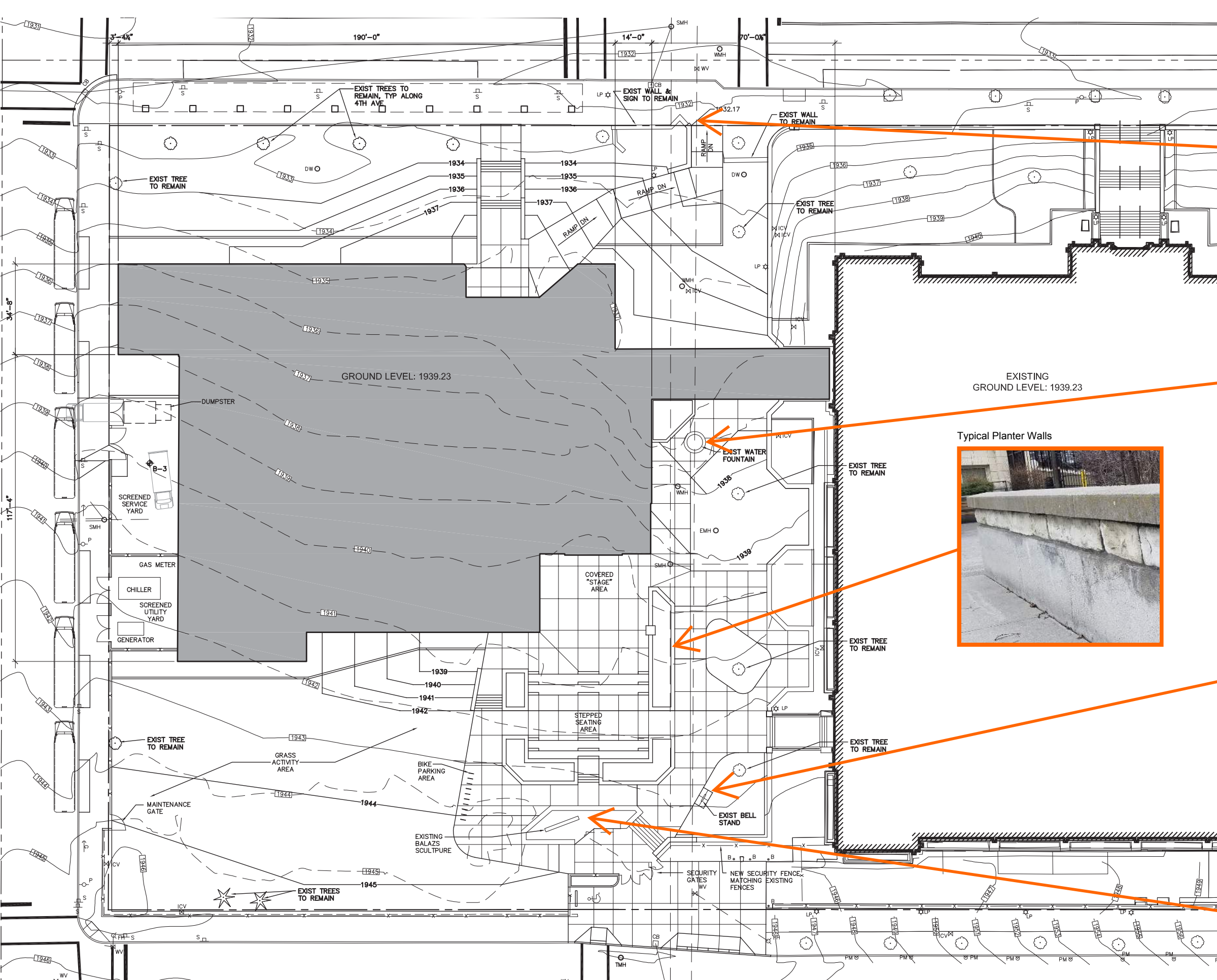
## WEST ELEVATION

DESIGN REVIEW BOARD  
RECOMMENDATION MEETING  
OCTOBER 10, 2018

LEWIS & CLARK HIGH SCHOOL CLASSROOM & COMMONS ADDITION  
SPOKANE PUBLIC SCHOOLS

  
Spokane Public Schools  
*excellence for everyone*

**NAC**  
ARCHITECTURE

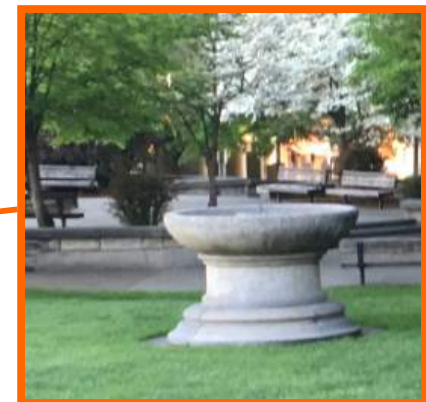


**SITE AND GRADING PLAN**  
Scale: 1" = 40'-0"



4th Avenue Sign

Granite Fountain



Victory Bell Stand



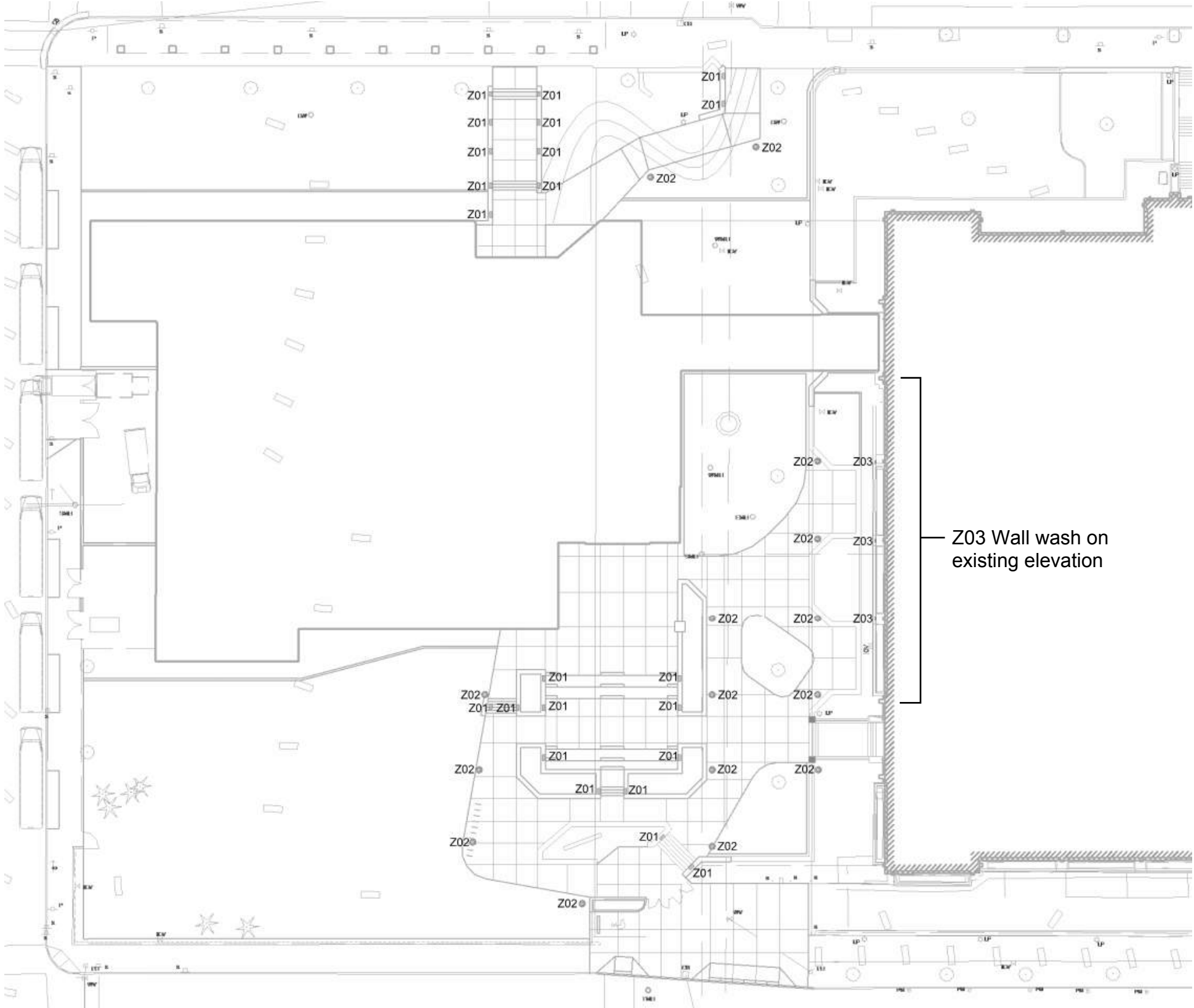
Balazs Sculpture



Typical Planter Walls



SITE LIGHTING

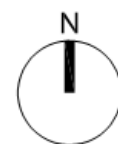


LIGHTING PLAN

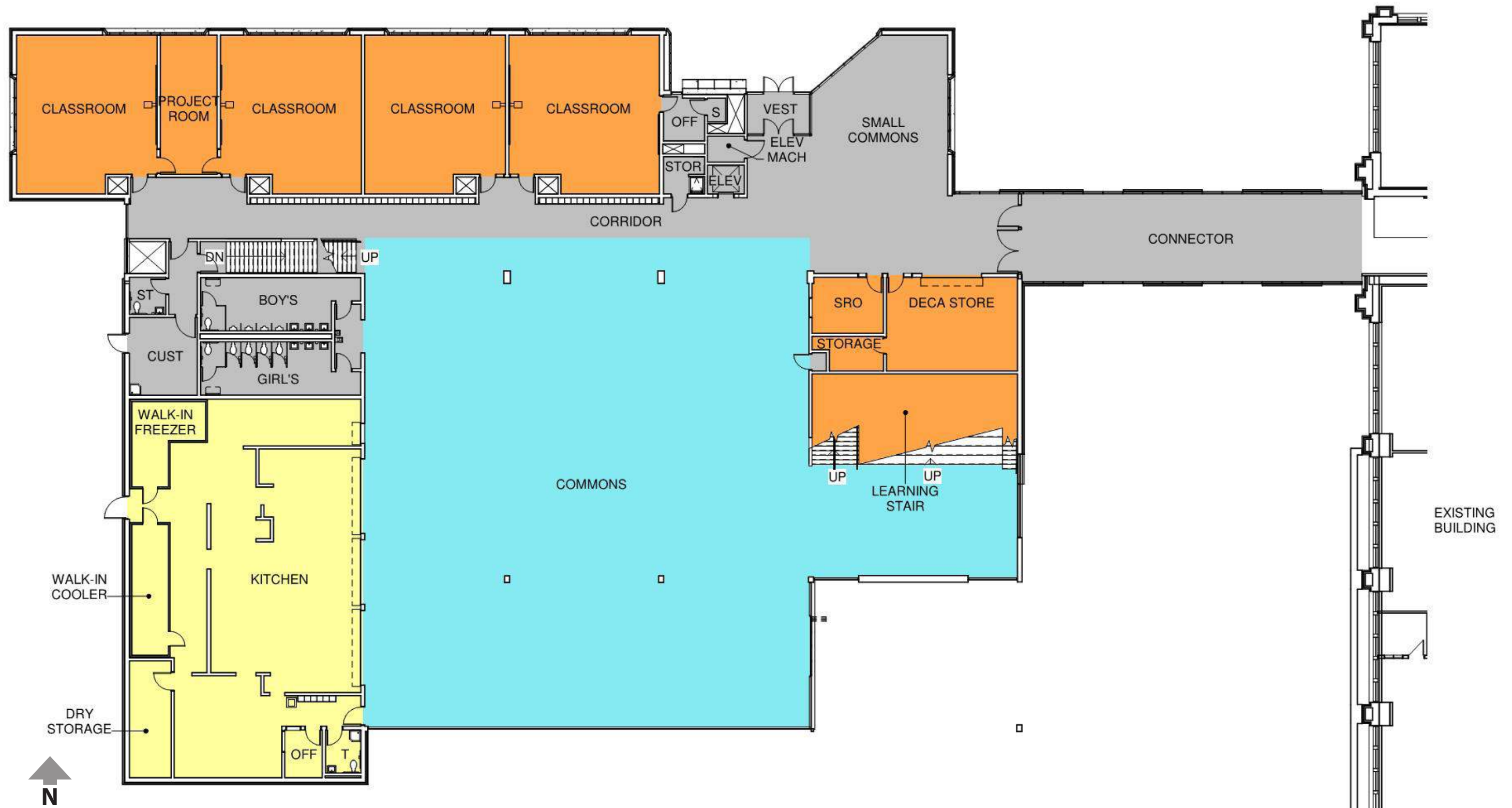
Z02 Options



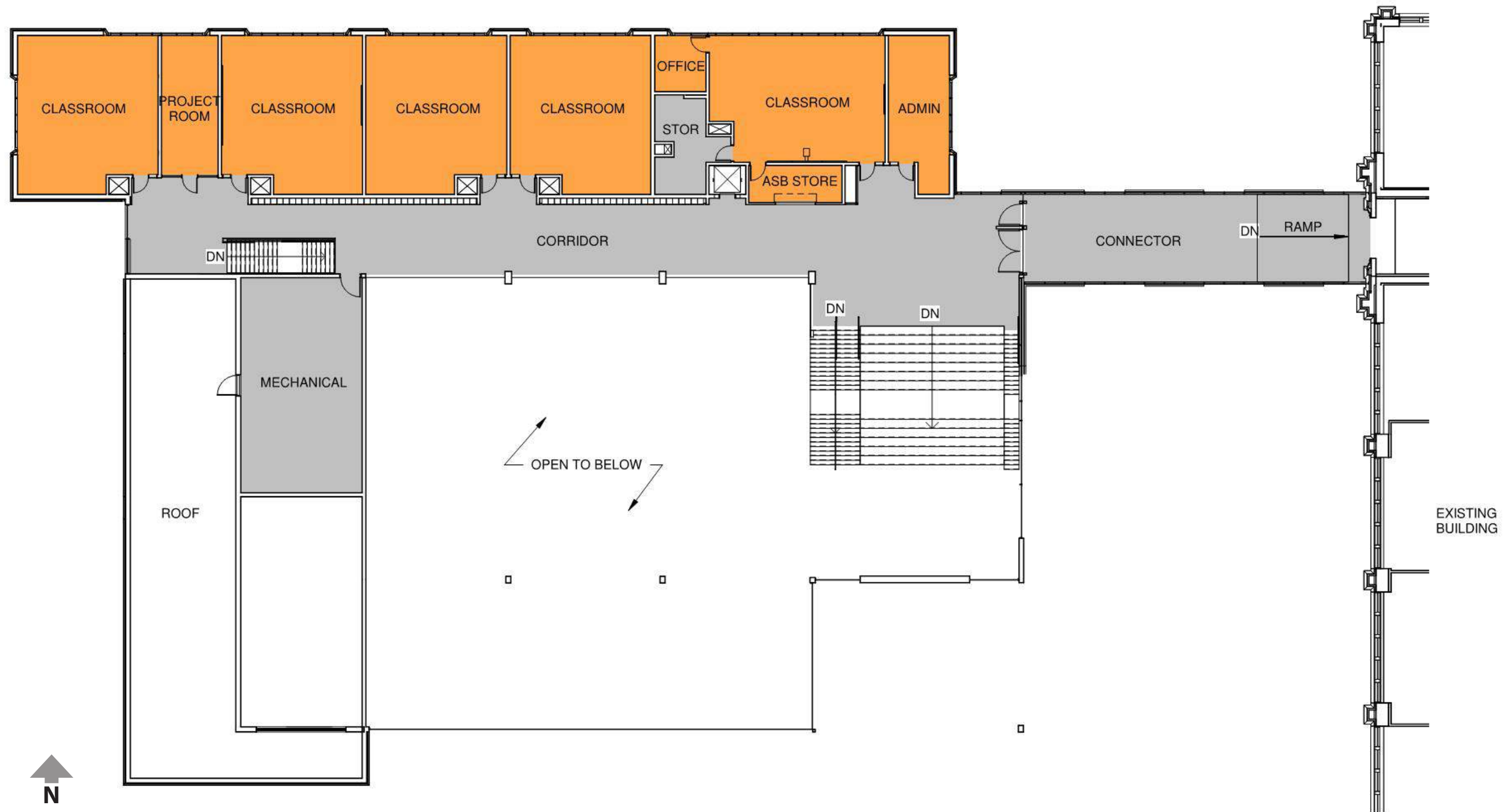
Z03 Wall wash on existing elevation



## LANDSCAPE PLAN



**GROUND FLOOR PLAN 1"= 20'-0"**



**FIRST FLOOR PLAN 1"=20'-0"**

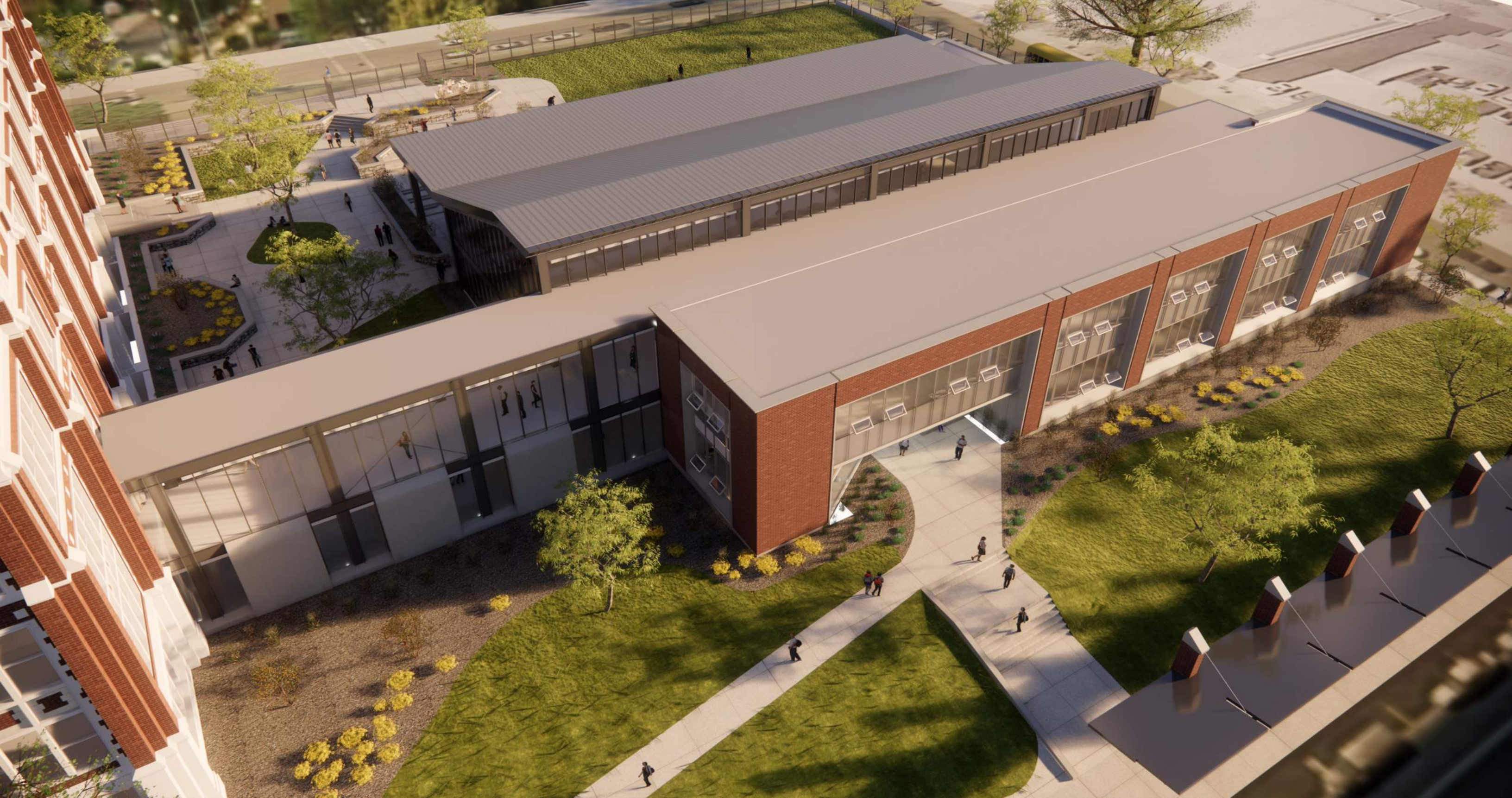


**VIEW FROM FREEWAY**

DESIGN REVIEW BOARD  
RECOMMENDATION MEETING  
OCTOBER 10, 2018

LEWIS & CLARK HIGH SCHOOL CLASSROOM & COMMONS ADDITION  
SPOKANE PUBLIC SCHOOLS





**OVERALL VIEW**

DESIGN REVIEW BOARD  
RECOMMENDATION MEETING  
OCTOBER 10, 2018

LEWIS & CLARK HIGH SCHOOL CLASSROOM & COMMONS ADDITION  
SPOKANE PUBLIC SCHOOLS





**MAIN ENTRY**

DESIGN REVIEW BOARD  
RECOMMENDATION MEETING  
OCTOBER 10, 2018

LEWIS & CLARK HIGH SCHOOL CLASSROOM & COMMONS ADDITION  
SPOKANE PUBLIC SCHOOLS





**CONNECTING CORRIDOR**

DESIGN REVIEW BOARD  
RECOMMENDATION MEETING  
OCTOBER 10, 2018

LEWIS & CLARK HIGH SCHOOL CLASSROOM & COMMONS ADDITION  
SPOKANE PUBLIC SCHOOLS





**VIEW FROM NORTHWEST CORNER**

DESIGN REVIEW BOARD  
RECOMMENDATION MEETING  
OCTOBER 10, 2018

LEWIS & CLARK HIGH SCHOOL CLASSROOM & COMMONS ADDITION  
SPOKANE PUBLIC SCHOOLS





**VIEW FROM SOUTH ENTRY GATE**

DESIGN REVIEW BOARD  
RECOMMENDATION MEETING  
OCTOBER 10, 2018

LEWIS & CLARK HIGH SCHOOL CLASSROOM & COMMONS ADDITION  
SPOKANE PUBLIC SCHOOLS





**VIEW FROM SOUTHWEST CORNER**

DESIGN REVIEW BOARD  
RECOMMENDATION MEETING  
OCTOBER 10, 2018

LEWIS & CLARK HIGH SCHOOL CLASSROOM & COMMONS ADDITION  
SPOKANE PUBLIC SCHOOLS





**OUTDOOR COMMONS**

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**COMMONS / LEARNING STAIR**

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LEWIS & CLARK HIGH SCHOOL CLASSROOM & COMMONS ADDITION  
SPOKANE PUBLIC SCHOOLS



SPOKANE PUBLIC SCHOOL DISTRICT NO. 81  
**LEWIS & CLARK HIGH SCHOOL**  
521 W 4TH AVENUE, SPOKANE, WA, 99204

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NAC NO 111-17118  
DRAWN RSW  
CHECKED -  
DATE 10-08-2018

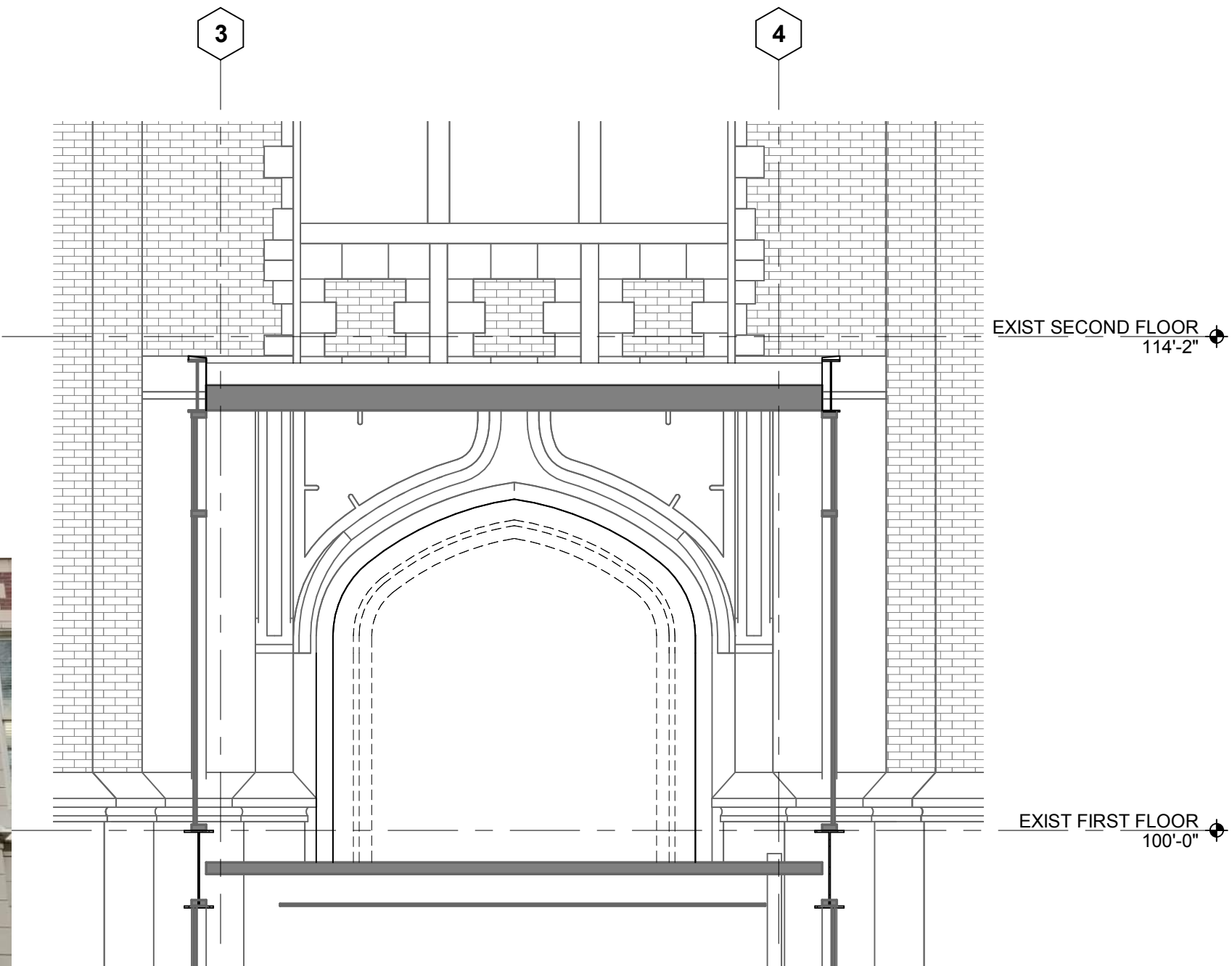
DRB  
SUBMITTAL

**DD**  
**A1**

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GOAL 1: SALVAGE EXIST  
TERRA COTTA ARCH IN  
PLACE TO THE GREATEST  
EXTENT POSSIBLE

GOAL 2: SALVAGE EXIST  
TRANSOM WINDOW FOR  
INCORPORATION IN ENTRY  
AREA OF ADDITION



**1** EXISTING EAST ENTRY  
Scale: 1/4" = 1'-0"

Application

Designed for low mounting heights for interior and exterior locations, the shielded light distribution is ideal for the glare-free illumination of ground surfaces, building entrances, stairs, and footpaths.

Materials

Luminaire housing and faceplate constructed of die-cast marine grade, copper free ( $\leq 0.3\%$  copper content) A360.0 aluminum alloy  
White safety glass  
High temperature silicone gasket  
Mechanically captive stainless steel fasteners

NRTL listed to North American Standards, suitable for wet locations  
Protection class IP 65  
Weight: 5.7 lbs

Electrical

Operating voltage	120-277V AC
Minimum start temperature	-30° C
LED module wattage	17.9 W
System wattage	22 W
Controllability	0-10V dimmable
Color rendering index	Ra > 90
Luminaire lumens	554 lumens (300K)
Lifetime at Ta = 15° C	>500,000 h (L70)
Lifetime at Ta = 45° C	120,000 h (L70)

LED color temperature

4000K - Product number + **K4**  
3500K - Product number + **K35**  
**3000K - Product number + K3**  
2700K - Product number + **K27**

BEGA can supply you with suitable LED replacement modules for up to 20 years after the purchase of LED luminaires - see website for details

Finish

All BEGA standard finishes are matte, textured polyester powder coat with minimum 3 mil thickness.

Available colors	<b>Black (BLK)</b>	White (WHT)	RAL:
	Bronze (BRZ)	Silver (SLV)	CUS:

Type:

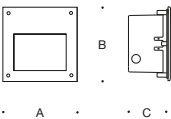
BEGA Product:

Project:

Modified:

Available Accessories

**19524** Concrete protection cover  
See individual accessory spec sheet for details.



LED recessed wall · shielded				
	LED	A	B	C
<b>22 254</b>	ADA 17.9 W	9 7⁄8	9 7⁄8	5 3⁄8



DATE	PROJECT	FIRM	TYPE <b>Z03</b>
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RISE IS A SYSTEM OF BEAUTIFULLY DESIGNED OUTDOOR RATED LUMINAIRES THAT PROVIDE EFFICIENT AND POWERFUL LIGHT USING THE LATEST IN LED TECHNOLOGY. RISE F080 SINGLE IS A POWERFUL AND COMPACT LED LIGHT FIXTURE, DELIVERING UP TO 745 LUMENS, THAT CAN BE USED IN SPOT, ACCENT, LANDSCAPE AND FLOODLIGHT APPLICATIONS. ITS UNIQUE MACRO<sup>™</sup> LOCK FEATURE ALLOWS FOR FULL 180 DEGREE TILT AND 360 DEGREE PAN AIMABILITY USING ONLY ONE TWIST.

## FEATURES :

- POWERFUL CBCP
- ONLY 5° LASER SPOT
- EXTREMELY COMPACT
- POWERFUL OUTPUT 300-745LMS
- MACRO<sup>™</sup> LOCK - 180° TILT AND 360° PAN
- 11 UNIQUE BEAM ANGLES
- MULTIVOLT (110V-277V)
- 8 CCTS: 2200K THROUGH 6500K
- 80+ AND 90+ CRI
- DIMMABLE TO 5%
- IP66 RATED



With protective cage.

FIXTURE MODEL	FIXTURE CONFIG.	POWER/LUMEN OUTPUT*	CCT/COLOR	CRI	BEAM ANGLE	FINISHES	ACCESSORIES	WIRING AND MOUNTING
<b>F080</b>	<b>1S - Single Head</b>	<b>LO - Low Output</b>  MO - Medium Output  HO - High Output	22 - 2200K 25 - 2500K 27 - 2700K <b>30 - 3000K</b> 35 - 3500K 40 - 4000K 50 - 5000K 65 - 6500K RD - Red GR - Green BL - Blue AM - Amber	<b>8 - 80</b> 9 - 90* X - For RD, GR, BL, AM  *90 CRI not available in 2200K, 2500K, 5000K, and 6500K	05 - Laser Spot (5°) 10 - Very Narrow Spot (10°) 15 - Narrow Spot (15°) 20 - Spot (20°) 40 - Flood (40°) <b>60 - Wide Flood (60°)</b> 80 - Very Wide Flood (80°) E1 - Elliptical 1 (15°x60°) E2 - Elliptical 2 (30°x60°) E3 - Elliptical 3 (60°x15°) E4 - Elliptical 4 (60°x30°)	K - Black Z - Bronze S - Silver W - White C - Custom*  *Select color at pantone.com	X - No Accessory H - Half Snoot F - Full Snoot C - Custom  Will ship as X if not specified	A - 19" Flying Leads - Internal Cable IC; Bottom Exit; 1/2" NPT ; UL/CE Rated  B* - 10' External Cable Side Exit; Surface Mount ; UL/CE Rated  C* - 10' External Cable Bottom Exit; Surface Mount - 1/2" NPT ; UL/CE Rated  Will ship as A if not specified

## EXAMPLE: F080-1S-LO-22-8-05-S-X-A

\*See Photometry Chart for Lumen Data

PERFORMANCE	WATTS	POWER	LUMEN OUTPUT	OPTIC	EFFICACY	CBCP
	4	Low Output	309	5°	77	21,991
	7.5	Medium Output	531	5°	71	37,824
	11.5	High Output	745	5°	65	53,048

ALL LUMEN DATA IS FROM 4000K 80CRI FIXTURES. PLEASE SEE PHOTOMETRY SPEC SHEET FOR ADDITIONAL LUMEN DATA.

**COLOR RENDERING INDEX** 80+, 90+  
**COLOR CONSISTENCY** 3-STEP MACADAM ELLIPSE

LUMEN DEPRECIATION / RATED LIFE	WATTS	L70 @ 25C	L70 @ 50C	L90 @ 25C	L90 @ 50C
HIGH	>60,500* >(181,000)**	36,300* >(109,000)**	>60,500* >(69,800)**	>31,700*	

\* ENERGY STAR REPORTED TESTING HOURS TO DATE. CALCULATIONS FOR LED FIXTURES ARE BASED ON MEASUREMENTS THAT COMPLY WITH IES LM-80 TESTING PROCEDURES AND IES TM-21 CALCULATOR  
\*\* ESTIMATED HOURS

NOTE: Information on this Spec Sheet is subject to change, please visit [ecosenselighting.com/rise](http://ecosenselighting.com/rise) for the most updated information.

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