

FDP REVIEW COMMENTS - LEE'S SUMMIT NORTH

CORRECTION

FIRE			RESPONSE
Jim Eden			
ACTION REQUIRED	1	KNOX LOCKS	<p>IFC 506.1 - Where access to or within a structure or an area is restricted because of secured openings or where immediate access is necessary for life-saving or fire-fighting purposes, the fire code official is authorized to require a key box to be installed in an approved location. The key box shall be of an approved type listed in accordance with UL 1037, and shall contain keys to gain necessary access as required by the fire code official. 506.1.1 Locks. An approved lock shall be installed on gates or similar barriers when required by the fire code official. A Knox padlock shall be provided on the gate if not already there.</p> <p>M* Response: A Knox Box has been added adjacent to the main entry on the North wall of the building (Sheet A201).</p>

ENGINEERING			RESPONSE
Jim Eden			
ACTION REQUIRED	1	WAIVER	<p>The waiver request is not a construction modification request, but rather, a design modification request. Please resubmit the correct form.</p> <p>KV Response: The correct waiver has been included</p>
	2	WAIVER	<p>Please include the project number on the design modification form. It is project number PL2022374.</p> <p>KV Response: Project number has been included</p>
	3	WAIVER	<p>Please ensure the other waiver requests for Lee's Summit West High School and the main Lee's Summit High School include the correct form for the waiver. It is not a Construction Modification Request, but rather, a Design Criteria Modification Request. This form shall be sent separately.</p> <p>KV Response: Correct form for all 3 schools has been submitted.</p>
	4	PLAN PACKAGE	<p>The plan package included Lee's Summit West High School Improvements. Please eliminate these from the application package, and only include those pertaining to Lee's Summit North High School.</p> <p>M* Response: The building to be constructed at LSN and LSW are identical. Meetings with City of Lee's Summit staff recommended combining both LSN and LSW into a single package for review. All sheets within the document set which are UNIQUE to a specific site are given the suffix "-A" (Lee's Summit West) or "-B" (Lee's Summit North). A review package with separate LSN and LSW documentation has been uploaded.</p>
	5	OVERVIEW SHEET	<p>Normally, a general overview sheet is included to show where the improvements are being proposed. I could not find such a general layout sheet. Please provide a general layout sheet of the campus.</p> <p>KV Response: General overview sheets have been submitted for LSW and LSN</p>
	6		<p>No further review was conducted, pending receipt of a plan package that can be reviewed from the perspective of: 1) one project (i.e., Lee's Summit North High School), and 2) an overview sheet showing where the proposed building is located in relation to other buildings. At present, I cannot determine where the building addition is being proposed with certainty.</p> <p>KV Response: Acknowledged</p>

PLANNING			RESPONSE
Hector Soto			
ACTION REQUIRED	1	SITE DATA TABLE	<p>SITE DATA TABLE (Sheet C100-B). - Correct the listed property zoning from PO to R-1 (Single-family Residential). - Fill in the setback information for Front (30' per plat); Rear (30'); and side (30'). - Provide building square footage for the existing school; the proposed robotics building; and total (existing + proposed). - List the number of existing classrooms; the number of proposed classrooms (from the addition); and total classrooms (existing + proposed). - List the number of existing parking spaces and the number of required parking spaces. The number of required parking spaces for a high school is calculated at a rate of 6 spaces per total classrooms</p> <p>KV Response: Acknowledged, see revised C100-B</p>
ACTION REQUIRED	2	ROOF-TOP UNITS	<p>ROOF-TOP UNITS. In order to comply with City ordinances, all RTUs shall be fully screened from view by raising building parapet heights at least equal to the height of the units being screened.</p> <p>M* Response: RTU units are mounted in a mechanical well on the roof of the new building. A combination of the exterior wall skin and "butterfly" roof form blocks visibility of the RTU's from public access roads from the East / West and the majority of the unit on the South side of the building. The existing high school building provides screening to the North.</p>
ACTION REQUIRED	3	EXTERIOR COLORS	<p>EXTERIOR MATERIALS. Label the proposed exterior building material colors.</p> <p>M* Response: Exterior material colors have been noted on building elevation sheet A201</p>
ACTION REQUIRED	4	LIGHTING	<p>LIGHTING. Identify which light fixture(s) listed on the fixture schedule on Sheet E700 will be used on the building exterior. All exterior lighting fixtures shall comply with UDO Sections 8.220 and 8.260.</p> <p>HEI Response: SL1.2, SL1.8, SL1E.5 and SL2.6 provide the exterior lighting. Fixtures comply with UDO section 8.220. UDO section 8.260 does not apply as these fixtures are not wall mounted.</p>

BUILDING CODES REVIEW			RESPONSE
Joe Frogge			
ACTION REQUIRED	1	MISC CORRECTION	<p>Sanitary connection at manhole not allowed.</p> <p>KV Response: We are following existing conditions for this site. Previous service lines for additions to the building tie into the same manhole. Tie-ing into the manhole allows us more flexibility in pipe depth to ensure proper crossings with storm sewer and water.</p>
ACTION REQUIRED	2	MISC CORRECTION	<p>Water service backflow to be inside building.</p> <p>M* Response: Backflow preventer is located along the North interior wall of the building in room R102. Exterior backflow preventer removed.</p>

ACTION REQUIRED	3	MISC CORRECTION	Specify size, type, and location of water meter.	KV Response: Please confirm that a water meter is necessary for LSN. It appears base on our available historical records that LSN uses private mains that are tapped at the public mains on Tudor Rd or Douglas Road.
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