20210629 LASD MS/HS DD Page Turn

OWNER NAME: Ludington Area School District
PROJECT: 5-4961
SUBJECT: MS/HS Additions & Renovations
LOCATION: Virtual

THE AFOREMENTIONED CONSTITUTES THE WRITERS INTERPRETATION OF THE MATTERS DISCUSSED OR DECISIONS REACHED. ANY ADDITIONS OR CORRECTIONS SHOULD BE BROUGHT TO THE ATTENTION OF THIS WRITER.

ATTENDEES: Checked box - present Distribution: All

☑ Nicole Smith - GMB	☑ Jason Kennedy - LASD	☐ Dan LaMore - Christman
☑ Thom Danckaert - GMB	☐ Andy Klevorn - LASD	☑ Ben Globke - Christman
☑ Luke Kamp - GMB	☑ Jesse Rickard - LASD	☐ Pat Zawacki - Christman
☑ Julia Nieman - GMB	☑ Dan Mesyar- LASD	☑ Carl Vander Zee - CBD
☑ Alex Shorkey- GMB	☐ Steve Forsberg- LASD	☐ Rebecca Szilagy - CBD
☐ Dana Hernalsteen - GMB	☑ Mike Hart - LASD	☐ Sara Easter- CBD
☑ Jim Rozema - GMB	☐ Abby Schaperkotter- LASD	☐ Aram Sparks - CBD
☑ Matt Heidloff - GMB	☑ Randy Fountain- LASD	☐ Jeremy- Christman
☑ Paul Hector- GMB	☐ Kevin Lange- LASD	☑ Ian O'Brien- Christman
☑ Jeff Reed- GMB	☐	☐ Doug Ransom - CBD
☐ Jon D- GMB		☑ Sean Jagels- Christman
☑ Nick Von Myhr- GMB		
☐ Drew Valentine- GMB		

MEETING NOTES:

1. General Items-
   a. None to report.
2. Site/LA-
   a. Right of way conversations for curb cut on Tinkham have been initiated.
   b. New MS Service area dumpster enclosure near north gym on south side. Existing site accommodates 8 dumpsters on site. Will need to look at opportunities to locate several more.
   c. Rear loaded trailer is used to load instrument equipment from band room to exterior. Need to work through grade change at that exterior door location.
   d. Student parking lot accommodates over 200 spaces.
   e. Outdoor athletic turf location near fitness center.
   f. Need to look at Greenhouse coordination.
   g. Practice fields will not be striped as part of the construction package, they are shown on plans for scale
   h. Flagpole- provide 2 locations, one on MS side and one on HS side.
   i. Keep planting species consistent with elementary building. Simple and easy to maintain.
   j. Memorial trees are important.
   k. Wayfinding signage to building entrances from Washington Ave. as well as digital monument sign locations at each curb cut location for both MS and HS.
   l. Geotechnical report has been received.
   m. Irrigation Scope:
      i. Existing soccer field already has it.

        ii. New practice fields need it.
    n. Need to find space for outdoor hoops in parking area (2) locations and opposing baskets. Doesn't necessarily need to be full court if we cannot accommodate it.
3. Architecture/Structure/Interiors
    a. Code Planning
        i. Fire wall locations and egress. Reviewed fire separation openings and compartments.
        ii. Unit A- Pool/MS Gym/ North Gym AND units P&N in the existing HS will NOT be sprinklered.
    b. Food Service planning meeting to review options in next 1-2 weeks based on JRA's planning work.
    c. Need to coordinate construction logistics and scope to get fire protection sprinkling in the Auditorium above the gypsum board ceiling where we currently don't have much architectural scope.
    d. New ceiling throughout. Exposed areas at specials and extended learning with some ceiling cloud features. Classrooms and most corridors to get new lay in ceilings and locker rooms will have hard lid ceilings.
4. Mechanical -
    a. Energy Recovery units at science rooms
    b. Exhaust fans at restrooms and electrical/ tech spaces
    c. Vertical unit ventilators in classrooms
    d. Ducted VAV areas like specials, high volume areas and offices will have linear diffusers to match lighting strategy and elementary buildings.
    e. DX unit at central office, still with cooling.
    f. One chiller for project located on west side of building near far south side.
        i. Cooling is not currently shown at HS Shop, pool locker rooms and north gym.
        ii. There is a desire to understand the add alternate for cooling at the Shop for DD.
    g. Many hydronic mains will stay as existing and be tied into, some will be replaced.
5. Electrical & Technology
    a. Working on getting service from Anderson side of building for HS for Consumers Energy.
    b. GMB to coordinate with classroom technology solutions and locations with GMB.
    c. Need clarity from LASD on technology solutions at MSHS and if they are similar or different than the elementary building.
    d. Need to clarify the lighting control package and integration with the elementary building by providing mandatory bid alternates.
    e. Lay in 1x4 fixtures at classrooms and similar spaces with specialty and linear elements at special exposed areas at extended learning and other special spaces.
    f. Be mindful of fixtures package costs. There is a desire and acknowledgement that specialty fixtures at main entries and special spaces like extended learning spaces will enhance the design and feel of the space but would like to keep more simple and cost effective solutions in mind for other spaces.
6. Plumbing and Fire Protection-
    a. Acid neutralization tanks at all science rooms except existing room near MS Media Center.
    b. Will match fixtures styles from elementary building where appropriate.
7. Food Service- Not reviewed today.
8. Upcoming Meetings
    a. 7/6- Design meeting- Cancel
9. Scope:
    a. Additions and Renovations to MS/HS project including demolition of Franklin Elementary.
10. List of Alternates (add alternates):
    - A-1 : Exterior Enclosure updates at HS wings
    - ~~A-2 : MS North Gym Flooring Replacement~~
    - M-1: Bi-polar Ionization System for new and renovation areas (together)
    - M-2: Snowmelt locations.
    - M-3: Cooling HS Shop Space.
    - ~~L-1: Student Lot paving work.~~
    - L-1: Turf at courtyards
    - E-1: Gymnasium Lighting
11. Proposed Milestone Schedule:
    a. Building Additions/Renovations
        i. ~~Programming Deliverable 1/29/21- COMPLETED~~
        ii. ~~Schematic Design 3/26/21- COMPLETED~~
        iii. Design Development 7/14/21
        iv. Specifications Due 10/19/21

v. Construction Documents 10/27/21

12. Vocab List (for fun):
    - "Architecting"
    - "Temperature gradient"
    - "Rectilinear"
    - "Formalistically"
    - "impermeability"
    - "Ideation"