HOUSEMAN
ARCHITECTURE

August 27, 2020

Embry-Riddle Aeronautical University
1 Aerospace Boulevard
Daytona Beach, FL 32114

RE: ERAU Fitness Complex - Prebid RFI Responses
Project Number: 20-001
RFIs #001- 045

The following narrative lists the responses to the Prebid RFIs submitted during the bid phase of the ERAU Fitness Complex project. Following each question is the Design Team response.

PREBID RFIs #001-045

1) Window details on A2.210 & A2.211 and Door Details G2.102 & G2.103 are not referenced on any of the door types, schedules, or elevations. Please provide section details for each of the storefronts, curtain walls and doors so we know what headers and jambs are required for every door, storefront and curtain wall.
Response: Door details have been added to the door schedule; see attached SKA-01. The details on A2.210 are labeled identifying at which conditions they occur.

2) The Finish Schedule on A7.111 calls for ACC-1 motorized shades at 2-story spaces and ACC-2 Manual Shades at 1 story spaces. The only place in the plans the shades show up are on some sections. Which openings are to receive motorized shades and manual shades? Also, shall they cover the whole window? Do any of the storefront windows adjacent to doors receive window treatment?
Response: Provide Manual Shades at window type W1 locations. Provide Motorized Shades at window types CW1, CW2, Cw4, CW5, CW6.

3) Can Hunter Douglas be accepted as an Approved Manufacturer of the shades? See attached specification info.
Response: No alternates accepted at this time.

4) What kind of wood is required for WD-1 thru WD-4 as nothing is noted on sheet A7.112.
Response: Species to be Oak. Finish to match Wilsonart "SAP Walnut" #8221-38

5) After reviewing the specification section 232113 (Pre-insulated and Underground Piping System) it was noticed that Thermacore was not listed as an approved manufacturer. Please confirm if Themacore Polycorb and Ferro-therm products are acceptable. See attached spec info.
Response: Themacore Polycorb and Ferro-therm products are not acceptable for this project. Since there are four (4) acceptable manufacturers listed in Section 232113, paragraph 2.1.A for the pre-insulated underground piping system, please use products from one of these listed manufacturers.

6) What is the floor finish of the landings for Stair 2? ACC-24, treads and risers, is called out on A7.102 & A7.104. The 1st floor landing transition 14 calls for tile to tile. The second-floor landing calls for transition 12 calls for carpet to sealed concrete. Outside each stair well the finish plans call for corridor carpet on 1st floor and corridor terrazzo on 2nd floor. What finish goes where?
Response: A7.102 Transition at Stair 2 shall be Detail 1, Carpet to Resilient, on sheet A9.201. A7.104 Transition at Stair 2 shall be Detail 9, Terrazzo to Resilient, on sheet A9.201

7) A7.101 has a note for T21, T22 tile outside the turnstiles to Climbing 107. There is no tile 21 or 22. This is shown withing the TZ-1, TZ-2 flooring area. Is tile required in this area?

Response: Tile is not required in this area, that is a typo and should read TZ1, TZ2.

8) The base landing of the monumental stairs calls for T23 tile on A7.101 and TZ-3 terrazzo at the mid-level landing. There is no T23 tile. Is terrazzo required everywhere on the stairs?
Response: Monumental stair should receive TZ3, pre-cast terrazzo treads with steel risers at egress side of stair. Stair podium to be polished concrete, see A5.101.

9) Where are the ACC-4 corner guards required?
Response: Corner guards are shown on A7.102, A7.103, A7.104 and A7.105 as a symbol. Please include at all outside corners of Corridor 108A, 108.B, Seating 201, Corridor 204A and 204B.

10) Where are the RH – Robe Hooks required?
Response: Robe hooks are required on restroom stall partition doors. Doors in the locker rooms have coat hooks specified on the door & hardware schedule.

11) Are there any 12" or 18" grab bars required anywhere. It appears there may be a vertical grab bar in the ADA bathroom stall floor plans, but nothing is called out. Please advise.
Response: 12" grab bars are not required. Provide the 18" grab bars at the ADA showers as shown in the Accessible Transfer-Type Shower detail on sheet A1.111. 18" grab bars are not required at the ADA water closets

12) Are any mirrors required in the HC stalls over the sinks in Restrooms 118, 119, 210 & 212, or any over each of the toilet room sinks in the locker room? Nothing is called out. Please advise.
Response: Yes, please provide MR2436 (A1.111) in the HC stalls in restrooms 118, 119, 210 & 212. Per ERAU, sinks in individual changing rooms do not have mirrors, mirrors are at the large vanity areas in the locker rooms and as shown on the interior elevations.

13) Note 23 on Finish Schedule A7.112 calls for Level 5 Finish on walls to receive future graphics. Which walls should we apply a Level 5 Finish?
Response: All walls to receive Level 4 finish. No Level 5 finished walls are required.

14) RCP A8.102, Office Suite 114 and the surrounding office calls for A1 ACT and additional sound attenuation above per 1/A8.105. That detail shows insulation and 2 layers of gypsum board, no ACT. Are we to install the ACT below the studs, insulation and drywall called for in this detail?
Response: Yes, install the ACT below the gypsum board & framing detail shown on A8.105.

15) Are we to provide the wrestling mat along with the hoist called for in spec 119000 2.1D?
Response: No, wrestling mats are provided by Owner.

16) 5/A5.101 Wood Locker Detail states 48 total lockers, but the drawing shows 44. Which is correct?
Response: Typo, 44 lockers is correct.

17) Please provide details and door type information for doors 110E, 110P, 110R, 114E, as it is not on the G2.101 Door Schedule.
Response: See updated door schedule attached SKA-01.

18) Door 109A has no door type. Please provide.
Response: See updated door schedule attached SKA-01.

19) G2.101 Door Schedule has Comment #s but no comments. Have I overlooked something? Please provide.
Response: Comments should read 'Keynotes.' Keynotes are located on the right side of the sheet.

20) What interior finishes are required at the Pool Pavilion Building?
Response: Finishes are as follows:

Office 300- Floors T-1, Walls PT-2, Base B-2
Restrooms 301 & 302 – Floors T-1, Walls T-4, Base B-2
Storage 303 – Floors sealed concrete, Walls PT-2, Base B-1
Door Frames PT-2A

21) Civil Site Plan Sheet 4 calls for a 15-bike capacity bike rack. Hardscape Sheet H1.202 calls for 5 Bike Racks. Which is correct?
Response: 5 Bike Racks

22) Civil Site Plan Sheet 4 calls for 6" sidewalks. Concrete paving details on H1.201 call for 4". Please advise.
Response: City requires sidewalks to be 6" inch thick to account for vehicular traffic. 4" concrete paving is acceptable at Entry Plaza, inside pool fenced area and ADA ramps where vehicular traffic will not occur.

23) Further, Civil Site Plan Sheet 4 calls for more concrete walks outside the limits of scope detailed on H1.101. Are we to extend the walks shown on Civil Sheet 4? Confirm that the Hardscape Drawing's Scope Limit Line per H1.01 shall dictate all finishes, features and furnishings we are to provide, and we shall go by Civil Sheet 4 for to provide anything outside this line.
Response: Correct. Follow Civil sheet 4 for sidewalks outside the limits of scope.

24) Are the Plaza Step Railings, detailed in 12/H1.204, the only railing that are to receive LED rail downlighting?
Response: Yes, only 3 railings with LED lighting.

25) Civil drawings show 6 hammocks. The hardscape drawings show 5. Which is correct?
Response: 5 Hammocks

26) The Pool Drawings index sheet W1.I1.0 calls for two sheets that appear to be missing – W1.CV1.0, W1.M2.1 & W1.M3.1. Please advise if these sheets are needed.
Response: The three sheets listed in the index are not needed; index will be updated.

27) Is a BIM model available during bidding?
Response: Not during bidding.

28) Please provide proposed construction fence layout for the dorm project once fitness project starts.
Response: A drawing is not available. Assume the limits of the project site will be similar to the limit lines shown on H1.101.

29) Are Utility profiles available for the new utility work?
Response: No

30) Is a geotechnical report available for the project?
Response: Yes.

31) Please confirm that Detail 5 on S1.103 is applicable to all interior spread footings.
Response: Confirmed.

32) Please confirm the extent of irrigation and landscaping Civil drawing #7 "Irrigation Plan" versus the limits of construction shown on other site drawings.
Response: Bid irrigation as shown on civil plans. Note, irrigation that is dashed is existing and not in this scope. Where irrigation is shown outside of limits of construction, provide sod.

33) Please provide detail of requirements of gravel at perimeter of building (Civil Drawing #4). Please confirm that a geotextile fabric is required under the 4-inch layer of gravel.
Response: Perimeter utility strip is 2'-0" wide by 3" deep with 1/2" to 1-1/2" river rock with fines mulch over non-woven filter fabric. Utility strip is secured with Permaloc aluminum edge banding, mill finish.

34) Is the junction manhole (Civil Drawing #3) replacement at SW corner on construction zone to be included in scope?
Response: Not included in scope.

35) Please provide material type and an elevation of the retaining wall shown on Civil Drawing #4.
Response: Retaining wall will be cast in place concrete similar to detail 13/H1.206.

36) Drawing L1.101 shows additional trees to be saved from Civil Drawing #3. Which drawing is correct?
Response: Utilize sheet L1.101.

37) Please provide a sectional detail of the existing rock trench.
Response: See attached civil sheet 11A from the ERAU Dorm project showing the trench detail. As noted on the civil documents, (ESW) this work is being handled outside of this project scope.

38) Please provide wood species/dimension detail on custom wood nest enclosure – WD-03
Response: **Wood Species shall be Oak. Nest is composed of 1 ¾" slats spaced every 2 ¾" running horizontally. Vertical slat supports are spaced approximately every 21" O.C. Overall height at interior stretch area is 11'- O" and at the angled portion of the stretch area 10'-0". No Horizontal slats at Mirror wall. ACC-17 installed vertical supports.**

39) Please provide additional information/narrative for slam wall detail on Detail 2/S2.101
Response: Slam wall is a painted 12" CMU as shown on A9.102 & S2.101

40) Civil drawing sheet #3 shows an existing electrical line running from an existing FPL transformer behind the Tines Davis building to building #11, this line is also shown on the new civil drawing sheet #6 running through the new pool to the new main electric room for the Wellness building. The site electrical plan (E0.010) shows new feeders from (2) existing FPL transformers located east of the new building to the main electric room. Please confirm if the existing electrical conduit is to remain, if its current elevation is below the depth of the new pool and concrete encased. Currently the civil drawings do not show any major work needed to the existing electrical lines.
Response: The electrical line shown from the FPL transformer behind the Tine Davis building under the location of the new swimming pool is an FPL primary line and is to be rerouted by the utility company. If FPL does not remove the existing conduit as part of the rerouting of the primary service, include the conduit removal as part of this scope. The service feeders shown from the FPL transformers on the east side of the building are to be new from the transformer to the MDP inside the main electric room. Existing conduit from the transformers located to the east can be capped off and abandoned in place or removed.

41) Is a flue required for the gas water heaters?
Response: No, a flue is not required for the gas water heaters. The gas water heaters are directly vented as indicated on sheet P3.102, detail 3.

42) The cable railing that goes around the perimeter of the exterior balcony is being called out as prefinished aluminum guardrail (ref. 1/A4.102 & 1/A4.201). The specification that covers cable railing is 57100 –

Decorative Metal Stairs & Railings. There is no mention of aluminum in that specification. Should that railing be carbon like the other cable railing? If not, please provide a spec for this rail.
Response: The cable rail detailing should be similar on both the interior and exterior. Reference details on A5.103 showing steel shapes; aluminum is not applicable.

43) What is the wall type along G line separating the Climbing room 107 from the fitness rooms 105 and 106? It appears to be a glass wall but it is not called out.
Response: The separation is a 42"h cable rail system, not a wall. Detail would be similar to A5.103, but floor mounted.

44) Specification 071700 is for bentonite waterproofing. The specified product is intended to be installed before concrete is placed, and bonds with the concrete as it cures. Based on the Elevator pit and swimming pool details this is not the case. Please confirm the intended application and location for the bentonite waterproofing.
Response: Bentonite waterproofing is required at the elevator pit. The elevator details have been revised to reflect this type of waterproofing. The Waterstop RX included in the spec (071700) is approved as a bentonite water stop and confirmed it would be applicable for pool detail 12 on W1.S1.1. The detail depicts the installation as 2 pours and it would be an appropriate material for the construction depicted on the drawings.

45) Parapet detail 8/A2.211 shows an aluminum coping at the top of the parapet. The roof plans on A1.201 and A1.202 call for a composite panel coping, which is correct?
Response: Both. Detail 8/A2.211 is needed at the curtain wall conditions. Detail 6/A1.203 is needed where the aluminum composite panels terminate into a parapet condition.

End of Narrative

Attachments:

- SKA-01
- Civil Sheet 11A

DOOR SCHEDULE

NUMBER	WIDTH	HEIGHT	THK	Door Type	DOOR MAT	Frame Type	FRAME MAT	DOOR FIRE RATING	HARDWARE GROUP	HEAD DETAIL	JAMB DETAIL	SILL DETAIL	KEYNOTES
99A	3' - 0"	7' - 0"	1 3/4"	N	WD	S	HM	60	13	4-G2.102	8-G2.102		6,9,15
99B	3' - 0"	7' - 10"	1 3/4"	FG1	AL	F6**	AL		07		5-G2.103	9-G2.103	1,4,5,7,9,15
99C	3' - 0"	7' - 0"	1 3/4"	N	WD	S	HM	60	13	4-G2.102	8-G2.102		6,9,15
100A	6' - 0"	7' - 10"	1 3/4"	FG1-PR	AL	F1**	AL		03		5-A1.110	9-G2.103	1,4,7,9,15
100B	6' - 0"	7' - 10"	1 3/4"	FG1-PR	AL	F1**	AL		02		5-A1.110	9-G2.103	1,4,5,7,9,15,17
105A	6' - 0"	7' - 10"	1 3/4"	FG1-PR	AL	F2**	AL		01			9-G2.103	1,4,5,7,9,15
105B	6' - 0"	7' - 10"	1 3/4"	FG1-PR	AL	F3**	AL		01			9-G2.103	1,4,5,7,9,15
106	6' - 0"	7' - 10"	1 3/4"	FG1-PR	AL	F3**	AL		01			9-G2.103	1,4,5,7,9,15
107	3' - 0"	7' - 0"	1 3/4"	F	WD	S	HM		17	4-G2.102	8-G2.102		12,14
108A	3' - 0"	7' - 10"	1 3/4"	FG1	AL	F7**	AL		06		5-G2.103	9-G2.103	1,4,5,7,9,15
108B	3' - 0"	7' - 10"	1 3/4"	FG1	AL	F7**	AL		05		5-G2.103	9-G2.103	1,4,5,7,9,15
108C	7' - 10"	10' - 0"	1 3/4"						23				MOTORIZED OVERHEAD SMOKE CURTAIN
109	3' - 0"	7' - 0"	1 3/4"	F	WD	S	HM		15	4-G2.102	8-G2.102		2,8,10,12
109A	3' - 0"	7' - 0"	1 3/4"	F	WD	S	HM		15	4-G2.102	8-G2.102		2,8,10,12
110	6' - 0"	7' - 10"	1 3/4"	FG1-PR	AL	F8**	AL		01			9-G2.103	1,4,5,7,9,15
110A	3' - 0"	7' - 0"	1 3/4"	F	WD	S	HM		19	4-G2.102	8-G2.102		11,12,20
110B	3' - 0"	7' - 0"	1 3/4"	F	WD	S	HM		19	4-G2.102	8-G2.102		11,12,20
110C	3' - 0"	7' - 0"	1 3/4"	F	WD	S	HM		19	4-G2.102	8-G2.102		11,12,20
110D	3' - 0"	7' - 0"	1 3/4"	F	WD	S	HM		19	4-G2.102	8-G2.102		11,12,20
110E	3' - 0"	7' - 0"	1 3/4"	F	WD	S	HM		19	4-G2.102	8-G2.102		11,12,20
110F	3' - 0"	7' - 0"	1 3/4"	F	WD	S	HM		19	4-G2.102	8-G2.102		11,12,20
110G	3' - 0"	7' - 0"	1 3/4"	F	WD	S	HM		19	4-G2.102	8-G2.102		11,12,20
110H	3' - 0"	7' - 0"	1 3/4"	F	WD	S	HM		19	4-G2.102	8-G2.102		11,12,20
110J	3' - 0"	7' - 0"	1 3/4"	F	WD	S	HM		19	4-G2.102	8-G2.102		11,12,20
110K	3' - 0"	7' - 0"	1 3/4"	F	WD	S	HM		19	4-G2.102	8-G2.102		11,12,20
110L	3' - 0"	7' - 0"	1 3/4"	F	WD	S	HM		19	4-G2.102	8-G2.102		11,12,20
110M	3' - 0"	7' - 0"	1 3/4"	F	WD	S	HM		19	4-G2.102	8-G2.102		11,12,20
110N	3' - 0"	7' - 0"	1 3/4"	F	WD	S	HM		19	4-G2.102	8-G2.102		11,12,20
110P	3' - 0"	7' - 0"	1 3/4"	F	WD	S	HM		19	4-G2.102	8-G2.102		11,12,20
110Q	3' - 0"	7' - 0"	1 3/4"	F	WD	S	HM		19	4-G2.102	8-G2.102		11,12,20
110R	3' - 0"	7' - 0"	1 3/4"	F	WD	S	HM		19	4-G2.102	8-G2.102		11,12,20
110S	3' - 0"	7' - 0"	1 3/4"	F	WD	S	HM		19	4-G2.102	8-G2.102		11,12,20
110T	3' - 0"	7' - 0"	1 3/4"	F	WD	S	HM		19	4-G2.102	8-G2.102		11,12,20
111A	3' - 0"	7' - 0"	1 3/4"	F	HM	S	HM		05	1-G2.102	5-G2.102	9-G2.102	1,5,7
111B	8' - 0"	10' - 0"	3"		STL		STL		23	3-G2.102	7-G2.102	11-G2.102	MOTORIZED OVERHEAD COILING DOOR
112	3' - 0"	7' - 10"	1 3/4"	FG1	AL	F5**	AL		05		5-G2.103	9-G2.103	1,4,5,7,9,15
113	6' - 0"	7' - 0"	1 3/4"	F-PR	WD	S	HM		10	4-G2.102	8-G2.102		2,8,12
114	3' - 0"	7' - 10"	1 3/4"	FG1	WD	SF3	AL		17	4-G2.102	8-G2.102		2,3,12
114A	3' - 0"	7' - 10"	1 3/4"	FG1	WD	SF1	AL		18	4-G2.102	8-G2.102		3,12
114B	3' - 0"	7' - 10"	1 3/4"	FG1	WD	SF5	AL		18	4-G2.102	8-G2.102		3,12
114C	3' - 0"	7' - 10"	1 3/4"	FG1	WD	SF5	AL		18	4-G2.102	8-G2.102		3,12
114D	3' - 0"	7' - 10"	1 3/4"	FG1	WD	SF5	AL		18	4-G2.102	8-G2.102		3,12
114E	3' - 0"	7' - 10"	1 3/4"	FG1	WD	SF6	AL		18	4-G2.102	8-G2.102		3,12
114F	3' - 0"	7' - 10"	1 3/4"	FG1	WD	SF1	AL		20	4-G2.102	8-G2.102		2,3,12
114G	3' - 0"	7' - 10"	1 3/4"	FG1	WD	SF4	AL		17	4-G2.102	8-G2.102		2,3,12
115A	3' - 0"	7' - 0"	1 3/4"	F	WD	S	HM		15	4-G2.102	8-G2.102		2,8,12
115B	3' - 0"	7' - 0"	1 3/4"	F	WD	S	HM		14	4-G2.102	8-G2.102		2,5,8,12
116	6' - 0"	7' - 0"	1 3/4"	F-PR	HM	S	HM		04	1-G2.102	5-G2.102	9-G2.102	1,7,9,13
118	3' - 0"	7' - 0"	1 3/4"	F	HM	S	HM		21	1-G2.102	5-G2.102	9-G2.102	1,7,9,12,16,18
119	3' - 0"	7' - 0"	1 3/4"	F	HM	S	HM		21	1-G2.102	5-G2.102	9-G2.102	1,7,9,12,16,18
202A	6' - 0"	7' - 10"	1 3/4"	FG1-PR	AL	F4**	AL		03			2-A4.201	1,4,9
202B	6' - 0"	7' - 10"	1 3/4"	FG1-PR	AL	F4**	AL		03			2-A4.201	1,4,9
203	25' - 10"	10' - 0"	1 3/4"						23				MOTORIZED OVERHEAD SMOKE CURTAIN
204B	6' - 6"	7' - 10"	1 3/4"	F-PR	WD	S	HM		12	4-G2.102	8-G2.102		15,19
205	3' - 0"	7' - 0"	1 3/4"	F	WD	S	HM		18	4-G2.102	8-G2.102		2,12
206	3' - 0"	7' - 10"	1 3/4"	FG1	WD	SF3	AL		17	4-G2.102	8-G2.102		2,3,12
206A	3' - 0"	7' - 0"	1 3/4"	F	WD	S	HM		16	4-G2.102	8-G2.102		2,3,12
207A	3' - 0"	7' - 10"	1 3/4"	FG1	WD	SF3	AL		17	4-G2.102	8-G2.102		2,3,12
207B	3' - 0"	7' - 10"	1 3/4"	FG1	WD	SF3	AL		17	4-G2.102	8-G2.102		2,3,12
208	6' - 0"	7' - 0"	1 3/4"	F-PR	WD	S	HM		10	4-G2.102	8-G2.102		2
209A	6' - 0"	7' - 0"	1 3/4"	F-PR	WD	S	HM		11	4-G2.102	8-G2.102		10,12
209B	3' - 0"	7' - 10"	1 3/4"	FG1	WD	SF3	AL		17	4-G2.102	8-G2.102		2,3,12
209C	3' - 0"	7' - 10"	1 3/4"	FG1	WD	SF3	AL		17	4-G2.102	8-G2.102		2,3,12
210	3' - 0"	7' - 0"	1 3/4"	F	WD	S	HM		22	4-G2.102	8-G2.102		8,9,10,12,16
211A	3' - 0"	7' - 0"	1 3/4"	F	WD	S	HM		15	4-G2.102	8-G2.102		2,8,12
211B	3' - 0"	7' - 0"	1 3/4"	F	WD	S	HM	45	14	4-G2.102	8-G2.102		2,5,8,12
212	3' - 0"	7' - 0"	1 3/4"	F	WD	S	HM		22	4-G2.102	8-G2.102		8,9,10,12,16
214	6' - 0"	7' - 0"	1 3/4"	F-PR	WD	S	HM		10	4-G2.102	8-G2.102		2
300	3' - 0"	7' - 0"	1 3/4"	FG1	AL	F9**	AL		08	3-G2.103	7-G2.103		1,3,12
301	3' - 0"	7' - 0"	1 3/4"	F	HM	M4	HM		09	2-G2.103	6-G2.103		1,9,12,13
302	3' - 0"	7' - 0"	1 3/4"	F	HM	M4	HM		09	2-G2.103	6-G2.103		1,9,12,13
303	6' - 0"	7' - 0"	1 3/4"	F-PR	HM	M4	HM		04	2-G2.103	6-G2.103		1,9,13

** EXTERIOR DOOR FRAMES - SEE WINDOW ELEVATION SHEETS

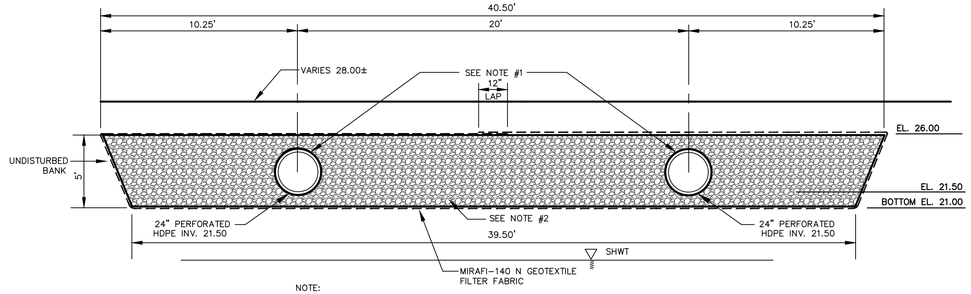
HOUSEMAN
ARCHITECTURE
931 S. SEMORAN BLVD. #204B
WINTER PARK, FL 32792
321-972-8446 AR0017645

PROJECT:
ERAU FITNESS COMPLEX
EMBRY-RIDDLE Aeronautical University
DAYTONA BEACH, FLORIDA

DATE:
08/26/20

PROJECT NO:
20-001

SHEET:
SKA-1

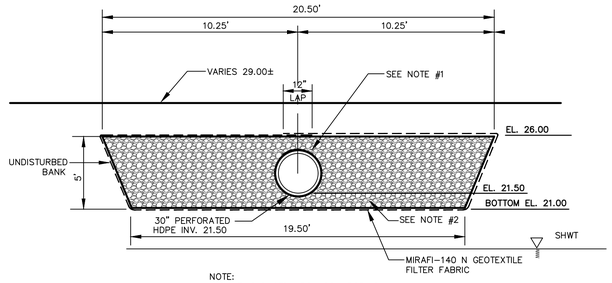


NOTE:
1. SHWT IS BASED UPON SOIL BORING

NOTES:

1. MIRAFI-140 N FILTER FABRIC SHALL BE WRAPPED AROUND THE THE PROPOSED PERFORATED RCP, HDPE AND THE PROPOSED EXFILTRATION TRENCH. MINIMUM 12" OVERLAP.
2. THE PROPOSED MEDIA TO BE USED IN THE EXFILTRATION TRENCH SHALL BE 3/4"-2" CLEAN NON-CALCAROUS ROCK. MEDIA SHALL MEET REQUIREMENTS OF FDOT TYPE 4 STONE.

EXISTING SECTION "A" - "A"

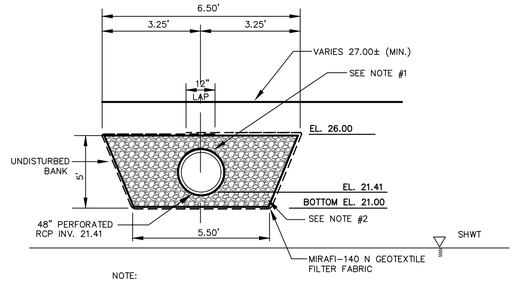


NOTE:
1. SHWT IS BASED UPON SOIL BORING

NOTES:

1. MIRAFI-140 N FILTER FABRIC SHALL BE WRAPPED AROUND THE THE PROPOSED PERFORATED RCP, HDPE AND THE PROPOSED EXFILTRATION TRENCH. MINIMUM 12" OVERLAP.
2. THE PROPOSED MEDIA TO BE USED IN THE EXFILTRATION TRENCH SHALL BE 3/4"-2" CLEAN NON-CALCAROUS ROCK. MEDIA SHALL MEET REQUIREMENTS OF FDOT TYPE 4 STONE.

EXISTING SECTION "C" - "C"

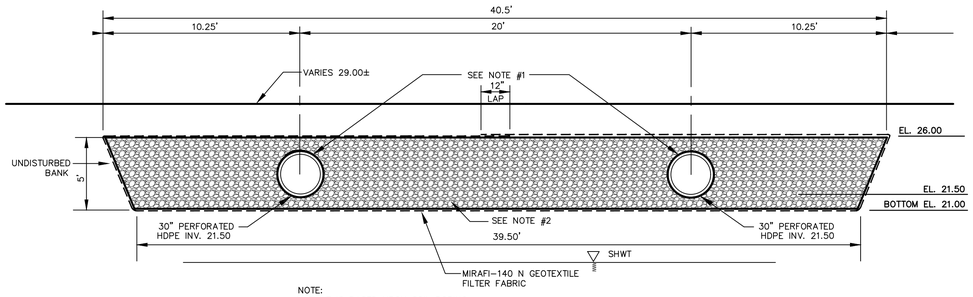


NOTE:
1. SHWT IS BASED UPON SOIL BORING

NOTES:

1. MIRAFI-140 N FILTER FABRIC SHALL BE WRAPPED AROUND THE THE PROPOSED PERFORATED RCP, HDPE AND THE PROPOSED EXFILTRATION TRENCH. MINIMUM 12" OVERLAP.
2. THE PROPOSED MEDIA TO BE USED IN THE EXFILTRATION TRENCH SHALL BE 3/4"-2" CLEAN NON-CALCAROUS ROCK. MEDIA SHALL MEET REQUIREMENTS OF FDOT TYPE 4 STONE.

EXISTING SECTION "E" - "E"

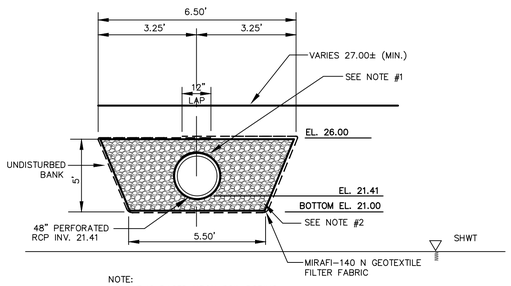


NOTE:
1. SHWT IS BASED UPON SOIL BORING

NOTES:

1. MIRAFI-140 N FILTER FABRIC SHALL BE WRAPPED AROUND THE THE PROPOSED PERFORATED RCP, HDPE AND THE PROPOSED EXFILTRATION TRENCH. MINIMUM 12" OVERLAP.
2. THE PROPOSED MEDIA TO BE USED IN THE EXFILTRATION TRENCH SHALL BE 3/4"-2" CLEAN NON-CALCAROUS ROCK. MEDIA SHALL MEET REQUIREMENTS OF FDOT TYPE 4 STONE.

EXISTING SECTION "B" - "B"



NOTE:
1. SHWT IS BASED UPON SOIL BORING

NOTES:

1. MIRAFI-140 N FILTER FABRIC SHALL BE WRAPPED AROUND THE THE PROPOSED PERFORATED RCP, HDPE AND THE PROPOSED EXFILTRATION TRENCH. MINIMUM 12" OVERLAP.
2. THE PROPOSED MEDIA TO BE USED IN THE EXFILTRATION TRENCH SHALL BE 3/4"-2" CLEAN NON-CALCAROUS ROCK. MEDIA SHALL MEET REQUIREMENTS OF FDOT TYPE 4 STONE.

EXISTING SECTION "E" - "E"

NO.	DATE	REVISIONS	BY
1.	03-12-20	REVISED	MRB

PARKER MYNCHENBERG & ASSOCIATES, INC.
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CERTIFICATE OF AUTHORIZATON NUMBER 00003910

EMBRY-RIDDLE AERONAUTICAL UNIVERSITY
STUDENT HOUSING PHASE 3
DAYTONA BEACH * FLORIDA

PAVING AND DRAINAGE DETAILS

DEV 2020-009
CITY APPROVAL STAMP

11A
SHEET NO.

Drawn By: MRB
Date: 01/15/2020
SCALE: NONE
JOB#: 19-40