

November 4, 2014

**BOARD OF COUNTY COMMISSIONERS
ORANGE COUNTY, FLORIDA
Addendum No. 2, IFB Y15-719-SB**

John Young Community Park

Bid Opening Date: November 13, 2014 at 2:00 P.M.

This addendum is hereby incorporated into the bid documents of the project referenced above. The following items are clarifications, corrections, additions, deletions and/or revisions to, and shall take precedence over, the original documents. Underlining indicates additions, deletions are indicated by ~~striketrough~~.

A. The bid opening date remains November 13, 2014 at 2:00 P.M.

B. Additions, Deletions and Clarifications:

- 1. Addition:** The following sheet has been added to the documents prepared by CT HSU + Associates, P.A. - Utilities Plan, Sheet C302 dated 10-15-2014 attached.
- 2. Question:** Specifically referencing the sports field on Sheet C204, Are you plans to level the area with onsite soil and have no Import soil? If you do want Import Soil for the Sports Fields what would you like the specifications to be?

Answer: There will be cut suitable fill dirt from the other areas of the park to use as fill for 20% of the soccer field needs. Thus, majority of fill will be imported. Imported field fill to be suitable soils with no clay/loam, roots, debris. Compact field soils to 85% density. The fill should be sandy loam, loamy sand or loam, the upper layer should be at least 6" depth. Organic matter should be in the 2 - 4 percent range. Regarding the density, the planting area will be tilled and graded out just prior to placing the sod.

- 3. Question:** Please provide the Safety Surfacing Material. Shall this be rubber or wood mulch?

Answer: Poured in Place Rubber Surface: Decorative wear course layer of EPDM or TPV granules in manufacturers' standard colors, over a cushion layer of clean recycled rubber on compacted sub-base aggregate meeting the criteria of ASTM. The basis of design playground equipment manufacturer, Landscape Structures, makes a surface material.

- 4. Question:** What size and type gravel is specified for the Gravel Road?

Answer: It should be gradation of FDOT #57 Stone. #57 Stone may be processed from gravels, granites, limestone, dolomite, sandstones, or other naturally occurring hard, sound, durable materials meeting the gradation requirements of Table 1, Section 901-1.4, of the Florida Department of Transportation's Standard Specification. #57 Stone averages in size from ½ inch to 1-1/2 inch in size. Contractor may use clean (washed) recycled concrete, with all/any metal reinforcement removed.

5. **Question:** Specification 2930, Part 2 Products, Item 2.1 Sod, Note C. Specification indicates that we can utilize cut pieces of sod or rolls of the Tifway 419. Previous sports field for Orange County has required rolls only. Are we allowed to utilize cut pieces of sods as shown?

Answer: Cut pieces of sod are not acceptable. Sod shall be in roll form only. Mesh if any, shall be removed.

6. **Question (NOTE: THIS QUESTION AND ANSWER PERTAINS TO THE RESTROOM/STORAGE BUILDING DOCUMENTS BY BORRELLI ARCHITECTS):** Do door # 101 and #103A need to be "insulated"? If so a suggestion is to put a crank on door #103A as well. These doors will be heavy because of the insulation.

Answer: No. As the building is not conditioned, these doors are not required to be insulated. As such, specification section 08 33 23 - OVERHEAD COILING DOORS has been revised in its entirety to account for this. Please see the attached revised specification section 08 33 23 – OVERHEAD COILING DOORS dated 10-15-2014

7. **Question (NOTE: THIS QUESTION AND ANSWER PERTAINS TO THE RESTROOM/STORAGE BUILDING DOCUMENTS BY BORRELLI ARCHITECTS):** Do the doors need to be powder coat finish or can they be factory standard galvanex finish?

Answer: Doors shall be powder coat finish, from manufacturer list of standard colors. Field painting of doors shall not be accepted.

8. **Question (NOTE: THIS QUESTION AND ANSWER PERTAINS TO THE RESTROOM/STORAGE BUILDING DOCUMENTS BY BORRELLI ARCHITECTS):** In reference to Architectural Drawing A-501. The Accessory Legend box shows a Robe Hook (RH) and a Shower Curtain that we cannot find on the drawing to be quantified. Please, provide the quantities and specifications of the mentioned items.

Answer: There is no robe hook or shower curtain to be used on John Young which is not called for on the plan. See the attached revised sheet A-501 dated 10-31-2014, which clarifies this on the Accessory Mounting Heights.

- 9. Question (NOTE: THIS QUESTION AND ANSWER PERTAINS TO THE RESTROOM/STORAGE BUILDING DOCUMENTS BY BORRELLI ARCHITECTS):** In reference to the Architectural Drawing A-101, there is a note that requires the installation of: "2x4WD. Studs at 16"O.C. Infill Wall w/5/8" Plywood @EA. Side and R-13 Unfaced insul. Batts From top of tie beam to underside of roof sheathing at the Storage Room (101)." There is a discrepancy between the Note and the drawing. Drawing indicates to install 8" CMU w/CoreFill Insulation. Please clarify which system we should use or if it is required to use both systems at that specific area. Please provide a detail and/or wall section.

Answer: There is no discrepancy in the drawings. Please refer to A-001 for the extents of wall type 1. The wood stud wall is from the top of tie beam to underside of roof sheathing as indicated. For clarity, a detail has been added to 3/A-501 and also a reference to this detail to the indicated note on A-101. See the attached revised sheets A-101 and A-501 dated 10-31-2014.

- 10. Question (NOTE: THIS QUESTION AND ANSWER PERTAINS TO THE RESTROOM/STORAGE BUILDING DOCUMENTS BY BORRELLI ARCHITECTS):** In reference to Architectural Drawing A-101. We would like to know what type of paint finish and flooring is required for the area in front of the Janitor Area and between the Women and Men's Restroom Entrance. Shall the same floor finish at Janitor room apply to this area? Please advise.

Answer: The flooring for the entry to the Men's and Women's room is a part of both rooms. Refer to wall type 1 for extents of wall. See attached revised sheet A-101 dated 10-31-2014, which adds a finish symbol to sheet A-101 to clarify the finish for the floor and walls.

- 11. Question (NOTE: THIS PERTAINS TO THE RESTROOM/STORAGE BUILDING DOCUMENTS BY BORRELLI ARCHITECTS):** The Table of Contents in the specification book mentions section 085113 Aluminum Framed Storefront Windows and Section 088000 - Glazing. Upon review of the Specifications, neither specification section is present. Upon review of the drawings, there is no mention of any storefront or glazing. Please advise if these sections are relevant for this project.

Answer: There is no aluminum framed storefront windows or glazing in John Young Park. Please see attached revised Table of Contents dated 10-31-2014.

12.Question: What is the County’s estimated cost for the Duke Energy electrical work for primary conduits, transformers, etc.?

Answer: As of today, the estimated cost for underground electrical work by Duke Energy for primary conduits, transformers, etc. (as indicated on the documents) is \$20,000.00 Bidders are encouraged to contact Mr. Bradly Vangilder of Duke Energy for additional information. His email is Bradly.Vangilder@duke-energy.com. His phone is (407) 938-6658.

C. ACKNOWLEDGEMENT OF ADDENDA

1. The Bidder/Proposer shall acknowledge receipt of this addendum by completing the applicable section in the solicitation or by completion of the acknowledgement information on the addendum. Either form of acknowledgement must be completed and returned not later than the date and time for receipt of the bid or proposal.
2. Receipt acknowledged by:
3. All other terms and conditions of the IFB remain the same.

Authorized Signature

Date Signed

Title

Name of Firm

SECTION 08 33 23 - OVERHEAD COILING DOORS

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

A. Section Includes:

1. Insulated and uninsulated service doors.

B. Related Requirements:

1. Section 09 91 13 "Exterior Painting" and Section 09 91 23 "Interior Painting" for finish painting of factory-primed doors.

1.3 ACTION SUBMITTALS

A. Product Data: For each type and size of overhead coiling door and accessory.

1. Include construction details, material descriptions, dimensions of individual components, profiles for slats, and finishes.
2. Include rated capacities, operating characteristics, electrical characteristics, and furnished accessories.
3. Include description of automatic closing device and testing and resetting instructions.

B. Shop Drawings: For each installation and for special components not dimensioned or detailed in manufacturer's product data.

1. Include plans, elevations, sections, and mounting details.
2. Include details of equipment assemblies, and indicate dimensions, required clearances, method of field assembly, components, and location and size of each field connection.
3. Include points of attachment and their corresponding static and dynamic loads imposed on structure.
4. For exterior components, include details of provisions for assembly expansion and contraction and for excluding and draining moisture to the exterior.
5. Show locations of controls, locking devices, replaceable fusible links, and other accessories.
6. Include diagrams for power, signal, and control wiring.

C. Samples for Initial Selection: Manufacturer's finish charts showing full range of colors and textures available for units with factory-applied finishes.

1. Include similar Samples of accessories involving color selection.

1.4 INFORMATIONAL SUBMITTALS

- A. Qualification Data: For Installer.
- B. Oversize Construction Certification: For door assemblies required to be fire-rated and that exceed size limitations of labeled assemblies.

1.5 CLOSEOUT SUBMITTALS

- A. Maintenance Data: For overhead coiling doors to include in maintenance manuals.

1.6 QUALITY ASSURANCE

- A. Installer Qualifications: An entity that employs installers and supervisors who are trained and approved by manufacturer for both installation and maintenance of units required for this Project.
 1. Maintenance Proximity: Not more than two hours' normal travel time from Installer's place of business to Project site.

PART 2 - PRODUCTS

2.1 MANUFACTURERS, GENERAL

- A. Source Limitations: Obtain overhead coiling doors from single source from single manufacturer.
 1. Obtain operators and controls from overhead coiling door manufacturer.

2.2 PERFORMANCE REQUIREMENTS

- A. Structural Performance, Exterior Doors: Capable of withstanding the design wind loads.
 1. Design Wind Load: Uniform pressure (velocity pressure) of 20 lbf/sq. ft. (960 Pa), acting inward and outward and per local code requirements.
 2. Testing: According to TAS 201, 202 AND 203.
 3. Deflection Limits: Design overhead coiling doors to withstand design wind load without evidencing permanent deformation or disengagement of door components.
 4. Operability under Wind Load: Design overhead coiling doors to remain operable under uniform pressure (velocity pressure) of 20 lbf/sq. ft. (960 Pa) wind load, acting inward and outward and as required per local code requirements.

- B. Windborne-Debris Impact Resistance: Provide overhead coiling doors that pass missile-impact and cyclic-pressure tests according to ASTM E 1996 for Wind Zone 1 or as per local code requirements.
 - 1. Large-Missile Test: For overhead coiling doors located within 30 feet (9.144 m) of grade.
 - 2. Small-Missile Test: For overhead coiling doors located more than 30 feet (9.144 m) above grade.

2.3 DOOR ASSEMBLY

- A. Insulated Service Door: Overhead coiling door formed with curtain of interlocking metal slats.
 - 1. Basis-of-Design Product: Subject to compliance with requirements, provide coiling door by The Cookson Company, Inc. or comparable product by one of the following:
 - a. Overhead Door Corporation.
 - b. McKeon Rolling Steel Door Company, Inc.
- B. Operation Cycles: Door components and operators capable of operating for not less than 20,000. One operation cycle is complete when a door is opened from the closed position to the fully open position and returned to the closed position.
- C. Air Infiltration (Insulated doors): Maximum rate of 0.08 cfm/sq. ft. (0.406 L/s per sq. m) at 15 and 25 mph (24.1 and 40.2 km/h) when tested according to ASTM E 283.
- D. STC Rating (Insulated doors): 27.
- E. Curtain R-Value (Insulated doors): 5.0 deg F x h x sq. ft./Btu (0.881 K x sq. m/W).
- F. Door Curtain Material: Galvanized steel.
- G. Door Curtain Slats: Flat profile slats of minimum 2-3/4" center-to-center height.
 - 1. Insulated-Slat Interior Facing: Metal.
 - 2. Gasket Seal. Manufacturer's standard continuous gaskets between slats.
- H. Bottom Bar: Two angles, each not less than 1-1/2 by 1-1/2 by 1/8 inch (38 by 38 by 3 mm) thick; fabricated from hot-dip galvanized steel and finished to match door.
- I. Curtain Jamb Guides: Galvanized steel with exposed finish matching curtain slats.
- J. Hood: Match curtain material and finish.
 - 1. Shape: Round.
 - 2. Mounting: Face of Wall , unless otherwise indicated.
- K. Locking Devices: Equip door with locking device assembly.

1. Locking Device Assembly: Cremone type, both jamb sides locking bars, operable from inside and outside with cylinders.
- L. Manual Door Operator: Wall-crank operator and push-pull operation as indicated in the drawings.
 1. Provide operator with through-wall shaft operation as indicated on door schedule.
 2. Provide operator with manufacturer's standard removable operating arm.
- M. Curtain Accessories: Equip door with weatherseals.
- N. Door Finish:

Powder-Coated Finish : Color as selected by Architect from manufacturer's full range.

2.4 DOOR CURTAIN MATERIALS AND CONSTRUCTION

- A. Door Curtains: Fabricate overhead coiling-door curtain of interlocking metal slats, designed to withstand wind loading indicated, in a continuous length for width of door without splices. Unless otherwise indicated, provide slats of thickness and mechanical properties recommended by door manufacturer for performance, size, and type of door indicated, and as follows:
 1. Steel Door Curtain Slats: Zinc-coated (galvanized), cold-rolled structural steel sheet; complying with ASTM A 653/A 653M, with G90 (Z275) zinc coating; nominal sheet thickness (coated) of 0.0236-inch; and as required.
 2. Insulation: When required, fill slats for insulated doors with manufacturer's standard thermal insulation complying with maximum flame-spread and smoke-developed indexes of 75 and 450, respectively, according to ASTM E 84 or UL 723. Enclose insulation completely within slat faces.
 3. Metal Interior Curtain-Slat Facing for Insulated Doors: Match metal of exterior curtain-slat face, with minimum steel thickness of 0.0236-inch.
- B. Curtain Jamb Guides: Manufacturer's standard angles or channels and angles of same material and finish as curtain slats unless otherwise indicated, with sufficient depth and strength to retain curtain, to allow curtain to operate smoothly, and to withstand loading. Slot bolt holes for guide adjustment. Provide removable stops on guides to prevent overtravel of curtain, and a continuous bar for holding windlocks.

2.5 HOODS

- A. General: Form sheet metal hood to entirely enclose coiled curtain and operating mechanism at opening head. Contour to fit end brackets to which hood is attached. Roll and reinforce top and bottom edges for stiffness. Form closed ends for surface-mounted hoods and fascia for any portion of between-jamb mounting that project beyond wall face. Equip hood with intermediate support brackets as required to prevent sagging.
 1. Galvanized Steel: Nominal 0.0236-inch thick, hot-dip galvanized steel sheet with G90 (Z275) zinc coating, complying with ASTM A 653/A 653M.

2.6 LOCKING DEVICES

- A. Locking Device Assembly: Fabricate with cylinder lock, spring-loaded dead bolt, operating handle, cam plate, and adjustable locking bars to engage through slots in tracks.
 - 1. Lock Cylinders: Cylinders specified in Section 087100 "Door Hardware" and keyed to building keying system.
 - 2. Keys: Three for each cylinder.

2.7 CURTAIN ACCESSORIES

- A. Weatherseals for Insulated Exterior Doors: Equip each exterior door with weather-stripping gaskets fitted to entire exterior perimeter of door for a weather-resistant installation unless otherwise indicated.
 - 1. At door head, use 1/8-inch- (3-mm-) thick, replaceable, continuous-sheet baffle secured to inside of hood or field- installed on the header.

2.8 COUNTERBALANCING MECHANISM

- A. General: Counterbalance doors by means of manufacturer's standard mechanism with an adjustable-tension, steel helical torsion spring mounted around a steel shaft and contained in a spring barrel connected to top of curtain with barrel rings. Use grease-sealed bearings or self-lubricating graphite bearings for rotating members.
- B. Counterbalance Barrel: Fabricate spring barrel of manufacturer's standard hot-formed, structural-quality seem-less or welded carbon-steel pipe, of sufficient diameter and wall thickness to support rolled-up curtain without distortion of slats and to limit barrel deflection to not more
- C. Counterbalance Spring: than 0.03 in./ft. (2.5 mm/m) of span under full load. One or more oil-tempered, heat-treated steel helical torsion springs. Size springs to counterbalance weight of curtain, with uniform adjustment accessible from outside barrel. Secure ends of springs to barrel and shaft with cast-steel barrel plugs.
- D. Torsion Rod for Counterbalance Shaft: Fabricate of manufacturer's standard cold-rolled steel, sized to hold fixed spring ends and carry torsional load.
- E. Brackets: Manufacturer's standard mounting brackets of either cast iron or cold-rolled steel plate.

2.9 MANUAL DOOR OPERATORS

- A. General: Equip door with manual door operator by door manufacturer.
- B. Crank Operator: Consisting of crank and crank gearbox, steel crank drive shaft, and gear-reduction unit, of type indicated. Size gears to require not more than 25-lbf (111-N) force to

turn crank. Fabricate gearbox to be oil tight and to completely enclose operating mechanism. Provide manufacturer's standard crank-locking device.

2.10 GENERAL FINISH REQUIREMENTS

- A. Comply with NAAMM/NOMMA's "Metal Finishes Manual for Architectural and Metal Products (AMP 500-06)" for recommendations for applying and designating finishes.
- B. Appearance of Finished Work: Noticeable variations in same piece are not acceptable. Variations in appearance of adjoining components are acceptable if they are within the range of approved Samples and are assembled or installed to minimize contrast.

2.11 GENERAL FINISH REQUIREMENTS

- A. Powder-Coat Finish: Manufacturer's standard baked-on finish consisting of prime coat and thermosetting topcoat. Comply with coating manufacturer's written instructions for cleaning, pretreatment, application, and minimum dry film thickness.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine substrates areas and conditions, with Installer present, for compliance with requirements for substrate construction and other conditions affecting performance of the Work.
- B. Examine locations of electrical connections.
- C. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 INSTALLATION

- A. Install overhead coiling doors and operating equipment complete with necessary hardware, anchors, inserts, hangers, and equipment supports; according to manufacturer's written instructions and as specified.
- B. Install overhead coiling doors, hoods, controls, and operators at the mounting locations indicated for each door.
- C. Smoke-Control Doors: Install according to NFPA 80 and NFPA 105.

3.3 STARTUP SERVICE

- A. Engage a factory-authorized service representative to perform startup service.
 - 1. Perform installation and startup checks according to manufacturer's written instructions.

2. Test and adjust controls and safety devices. Replace damaged and malfunctioning controls and equipment.
3. Test door closing when activated by detector or alarm-connected fire-release system. Reset door-closing mechanism after successful test.

3.4 ADJUSTING

- A. Adjust hardware and moving parts to function smoothly so that doors operate easily, free of warp, twist, or distortion.
 1. Adjust exterior doors and components to be weather-resistant.
- B. Lubricate bearings and sliding parts as recommended by manufacturer.
- C. Adjust seals to provide tight fit around entire perimeter.

3.5 MAINTENANCE SERVICE

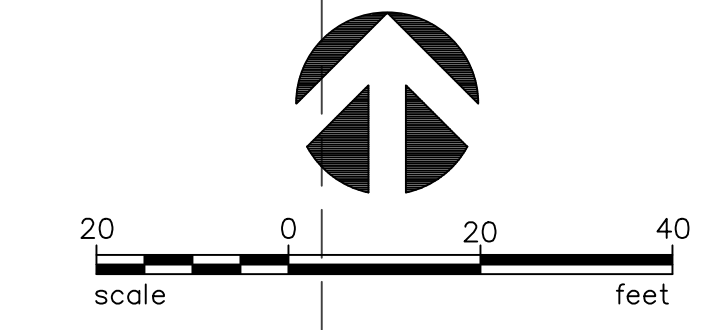
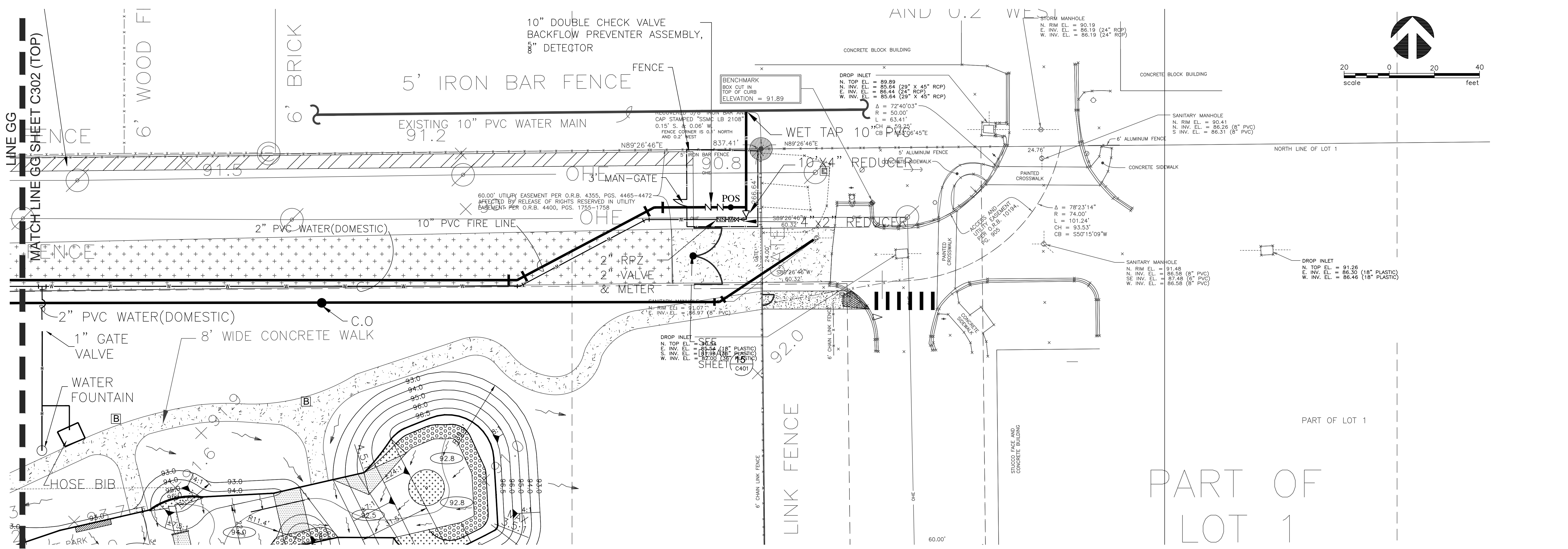
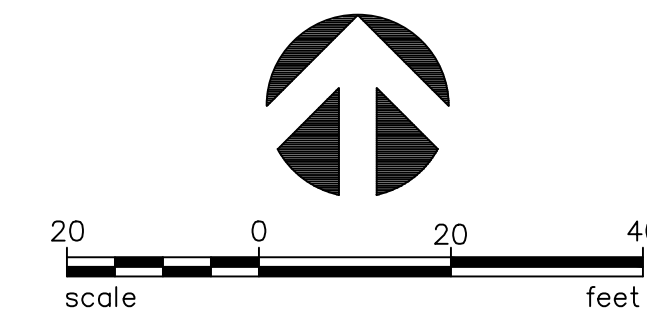
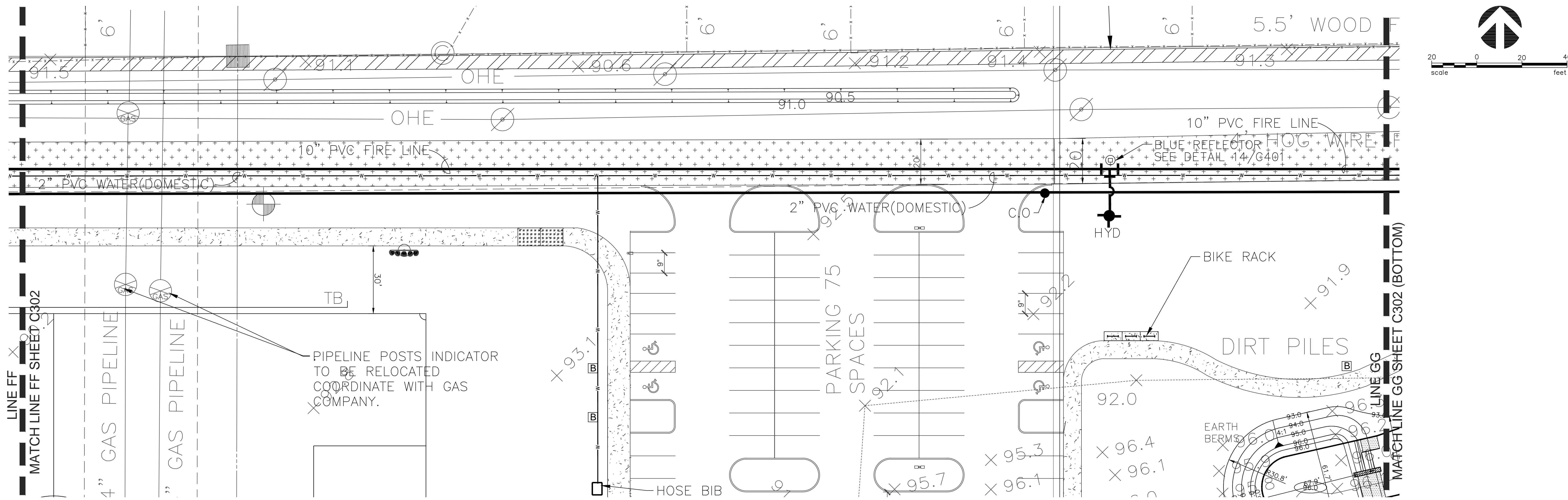
- A. Initial Maintenance Service: Beginning at Substantial Completion, maintenance service shall include 12 months' full maintenance by skilled employees of coiling-door Installer. Include quarterly preventive maintenance, repair or replacement of worn or defective components, lubrication, cleaning, and adjusting as required for door operation. Parts and supplies shall be manufacturer's authorized replacement parts and supplies.
 1. Perform maintenance, including emergency callback service, during normal working hours.
 2. Include 24-hour-per-day, seven-day-per-week, emergency callback service.

3.6 DEMONSTRATION

- A. Engage a factory-authorized service representative to train Owner's maintenance personnel to adjust, operate, and maintain overhead coiling doors.

END OF SECTION 08 33 23

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JOHN YOUNG
COMMUNITY PARK

Client
Orange County Capital Projects
400 E. South Street, 5th Floor
Orlando, Florida 32801



C.T. HSU + ASSOCIATES, P.A.
ARCHITECTURE • PLANNING • INTERIOR DESIGN
820 Irma Avenue Orlando, FL 32803
Tel 407.423.0098 Fax 407.423.4793

Consultants
Seal/Signature



DAO CONSULTANTS, INC.
CERTIFICATE OF AUTHORIZATION NO.: FL #5482
1110 EAST MARKS STREET
ORLANDO, FLORIDA 32803-4018
PHONE: (407) 898-6872
FAX: (407) 898-3778

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PERMIT DOCUMENTS

No.	By	Date	Revision
1	SCD	10/15/14	BID COMMENTS

No.	By	Date	Issued for

UTILITIES PLAN

Sheet Title
Job No. 1205.13
Date SEPTEMBER 8, 2014
Drawn
Checked
Scale 1:20

C302

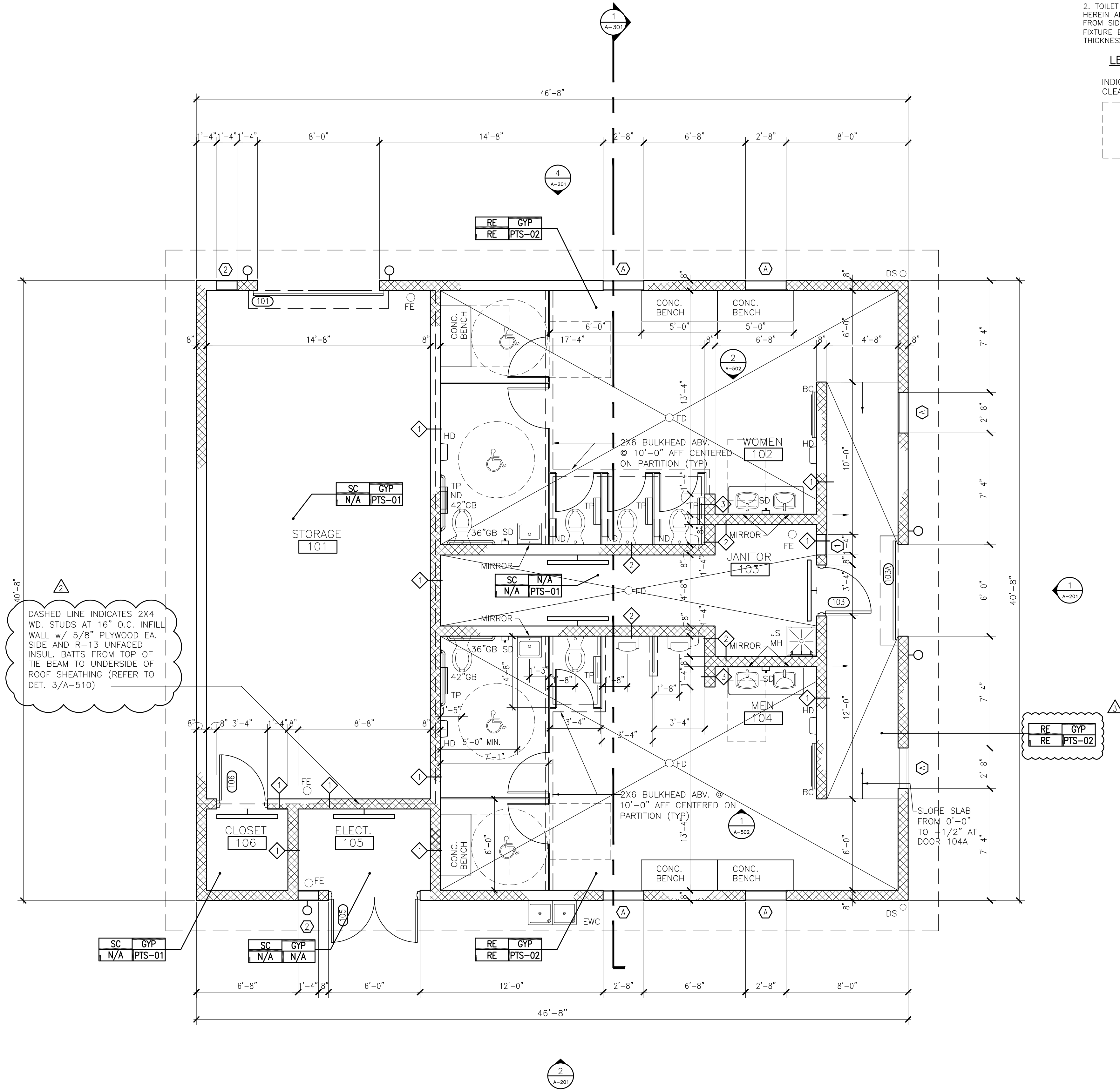
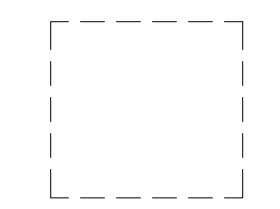
Sheet No.

GENERAL NOTES

- FOR FINISHES SEE SCHEDULE SHEET A-102
- TOILET PARTITIONS INDICATED HEREIN ARE CLEAR DIMENSIONS OR FROM SIDE OF PARTITION TO A FIXTURE BASED ON 1" FOR PARTITION THICKNESS

LEGEND

INDICATES ADA CLEARANCES



DASHED LINE INDICATES 2X4 WD. STUDS AT 16" O.C. INFILL WALL w/ 5/8" PLYWOOD EA. SIDE AND R-13 UNFACED INSUL. BATTS FROM TOP OF TIE BEAM TO UNDERSIDE OF ROOF SHEATHING (REFER TO DET. 3/A-510)

1 FLOOR PLAN
1/4"-1'-0"

OCP JOHN YOUNG PARK: STORAGE AND RESTROOM BUILDING

SIGNATURE AND DATED SEAL

CONSULTANTS

FLOOR PLAN

DRAWING TITLE

PROJECT ADDRESS

DATE

DESCRIPTION

REV.

BO/PERMIT DOCUMENTS

SCALE

FILE NAME

DRAWN BY

CHECKED BY

DATE

OWNER NAME AND ADDRESS
ORANGE COUNTY PARKS
400 E. SOUTH STREET
5TH FLOOR
ORLANDO, FLORIDA 32801

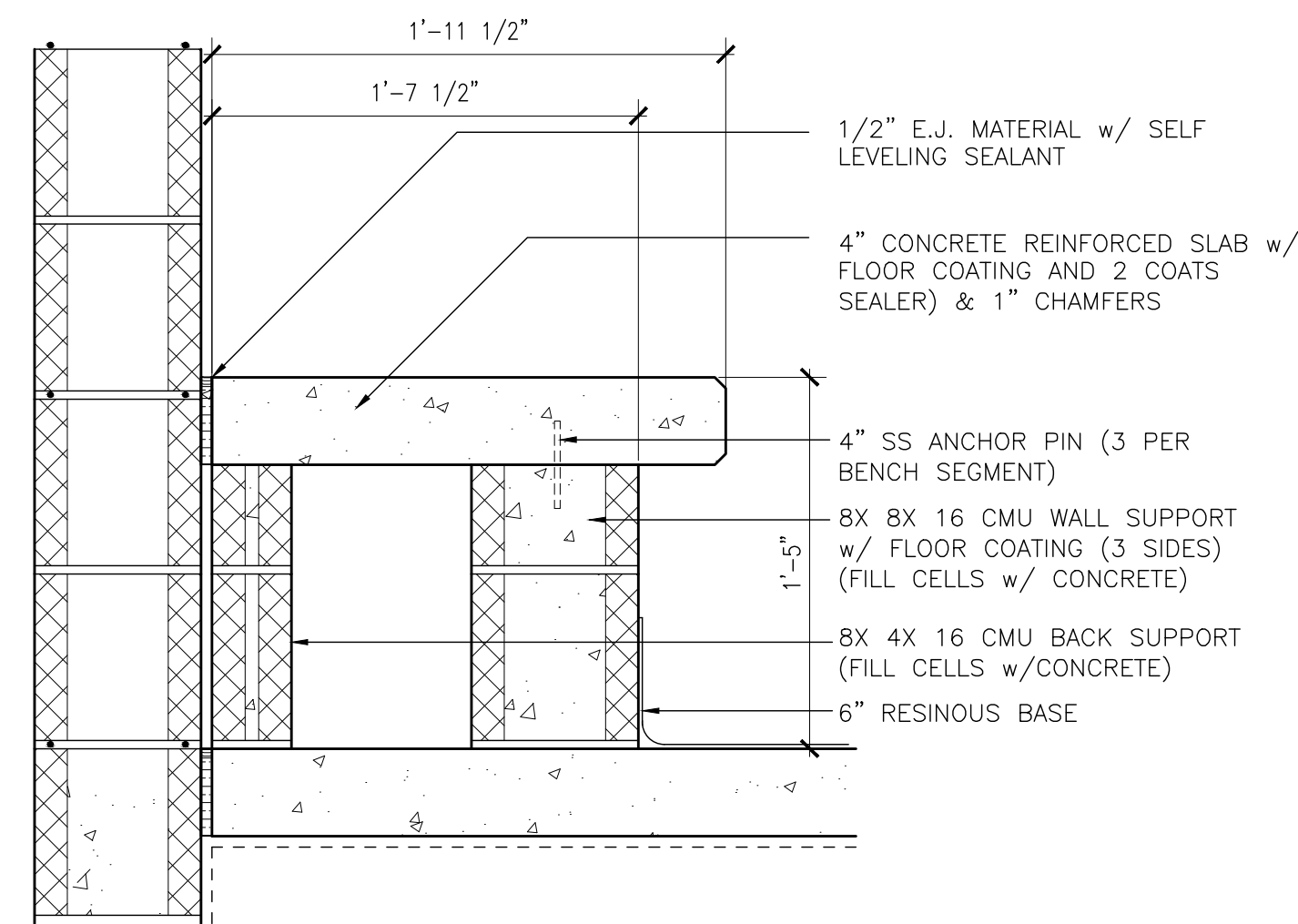
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AS NOTED	103-1-14	
14-12-14		
ERB		
JLM		
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A-101

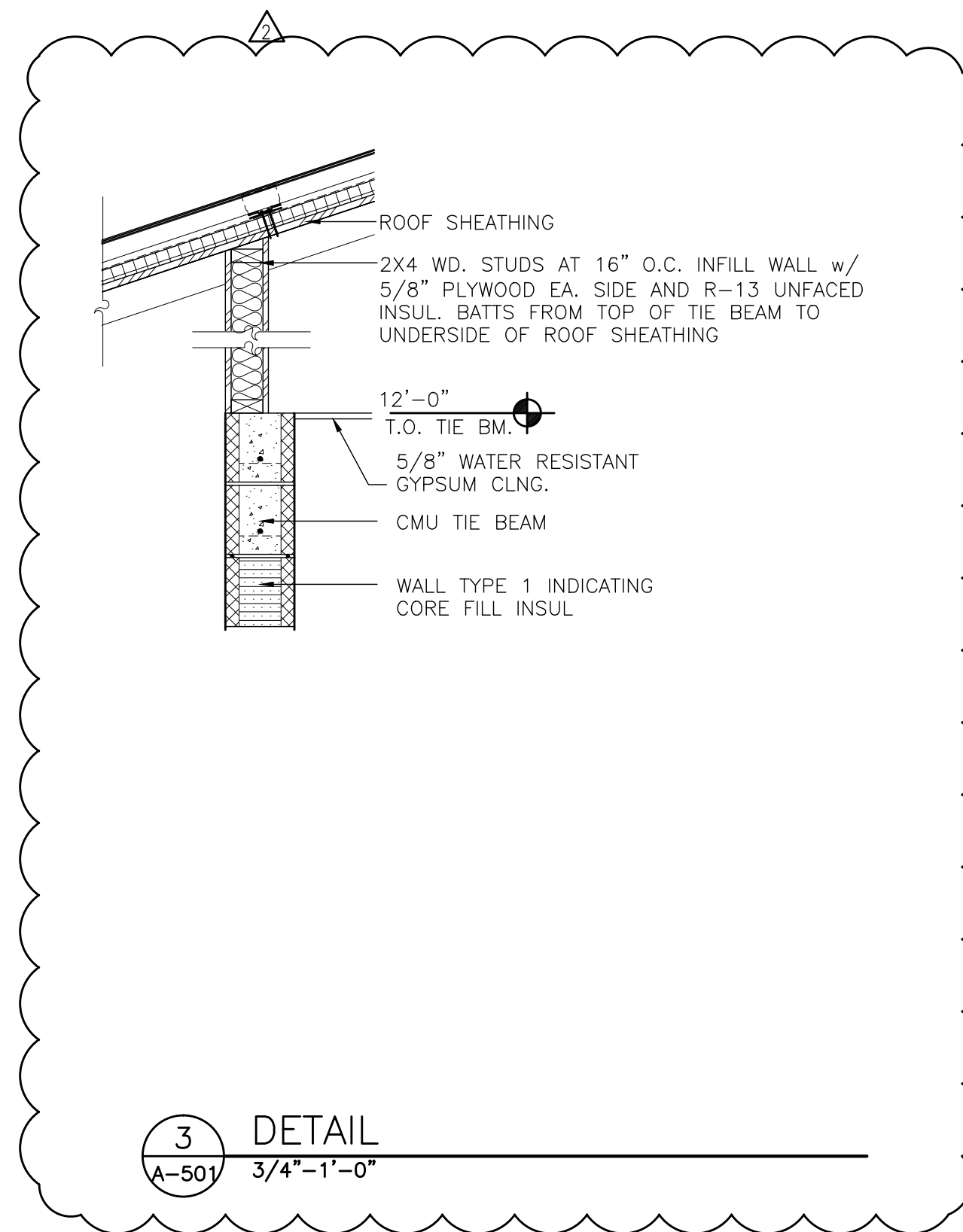
BORRELLI PARTNERS
ARCHITECTURE PLANNING LANDSCAPE INTERIOR
720 VASSAR STREET
ORLANDO, FL. 32804 (407) 418-1338

JAMES L. MOORE
ARCH 5890

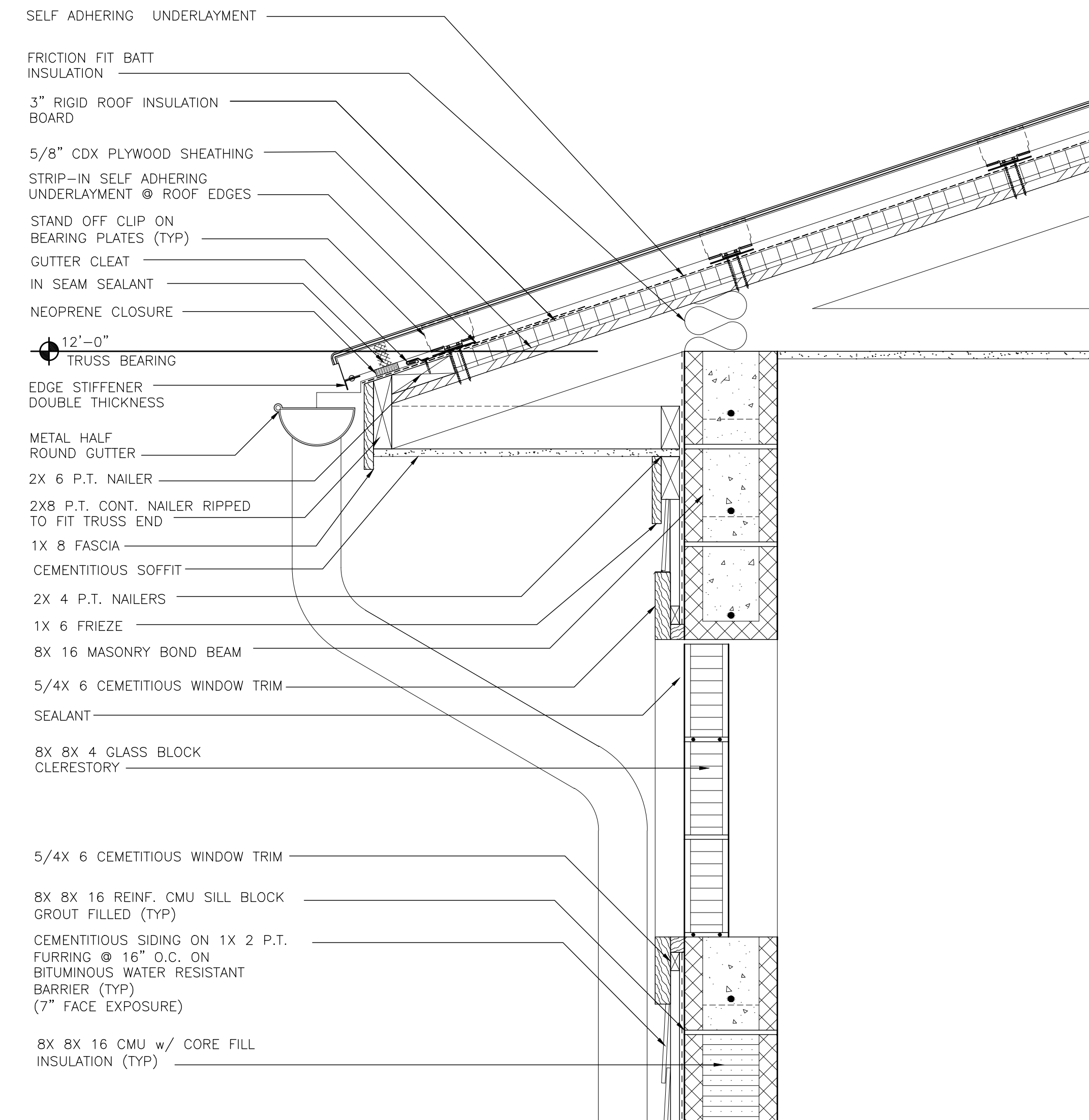
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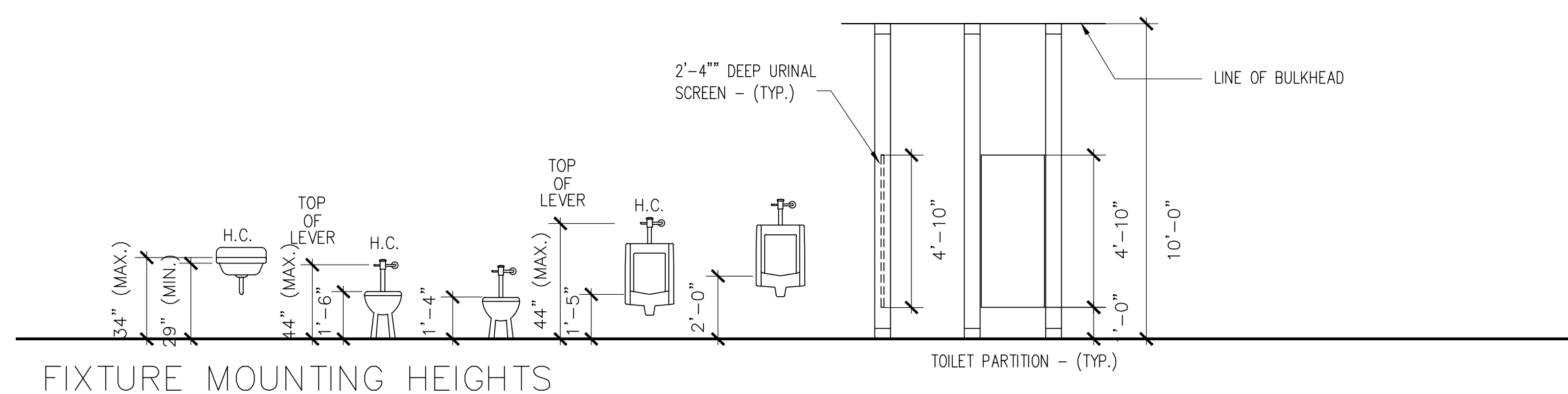
1 CONCRETE BENCH DETAIL
A-501 1-1/2"-1'-0"



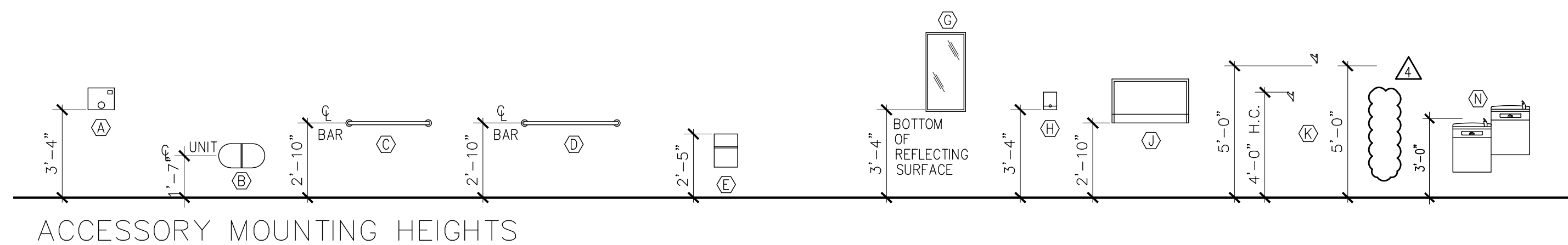
3 DETAIL
A-501 3/4"-1'-0"



2 EXPANDING EAVE DETAIL
A-501 1-1/2"-1'-0"



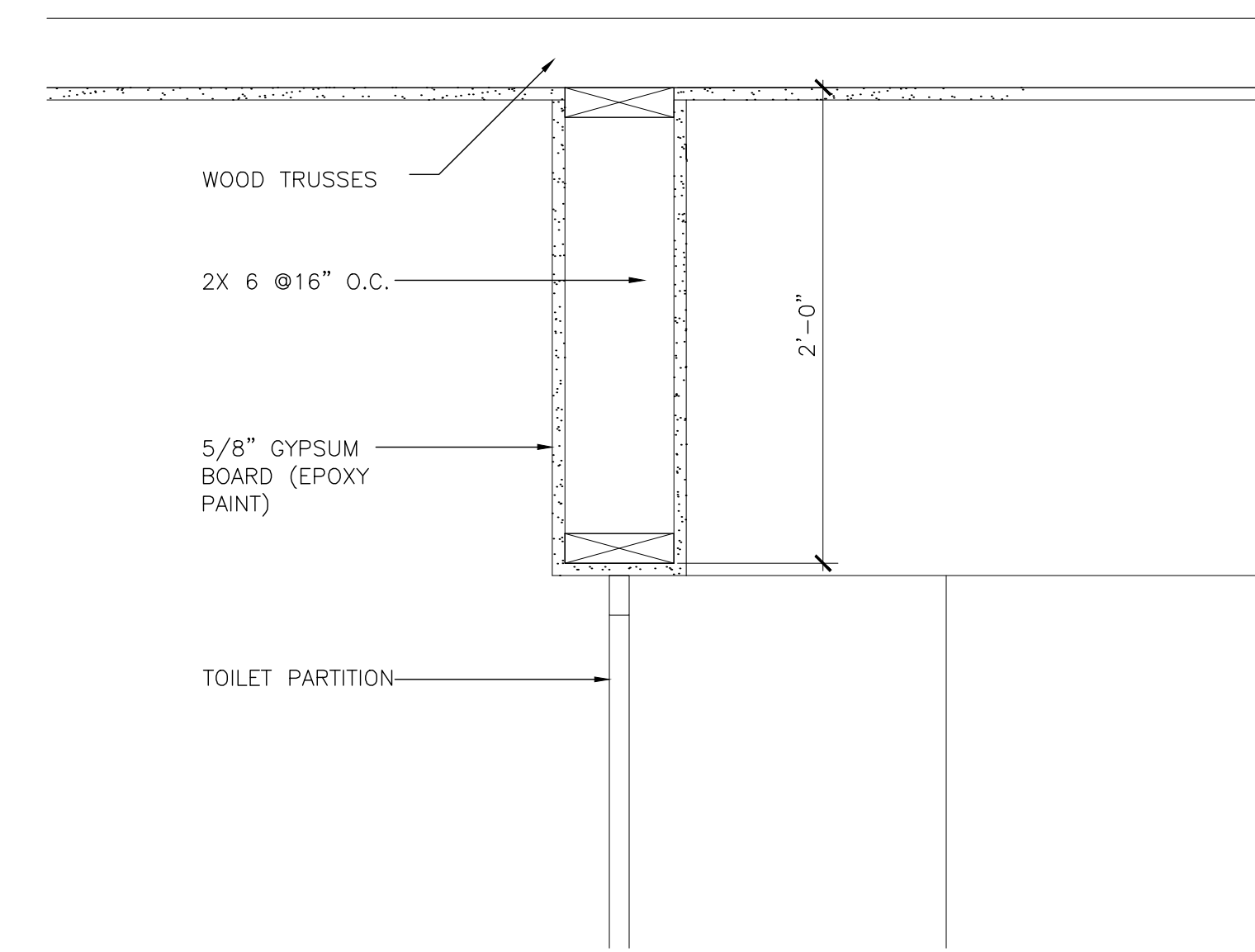
FIXTURE MOUNTING HEIGHTS



ACCESSORY MOUNTING HEIGHTS

3 MOUNTING HEIGHT DETAIL
A-501 1/4"-1'-0"

ACCESSORY LEGEND	
Ⓐ	WARM-AIR DRYER (HD)
Ⓑ	TOILET TISSUE DISPENSER (TP)
Ⓒ	GRAB BAR - 36" LONG (GB)
Ⓓ	GRAB BAR - 42" LONG (GB)
Ⓔ	SANITARY NAPKIN DISPOSAL (ND)
Ⓝ	NOT USED
Ⓖ	MIRROR UNIT - 18" x 36"
Ⓗ	SOAP DISPENSER (SD)
Ⓙ	DIAPER CHANGING STATION (BC)
Ⓚ	NOT USED
Ⓛ	TOILET AND BROOM HOLDER (MH)
Ⓜ	NOT USED
Ⓝ	DRINKING FOUNTAIN (EWC)



4 BULKHEAD DETAIL
A-501 1-1/2"-1'-0"

OCP JOHN YOUNG PARK: STORAGE AND RESTROOM BUILDING

BORELLI PARTNERS ARCHITECTURE PLANNING LANDSCAPE INTERIOR 770 VASSAR STREET ORLANDO, FL 32804 (407) 418-1338 <small>CONTRACT DOCUMENTS ARE PROPERTY OF BORELLI PARTNERS. UNAUTHORIZED REPRODUCTION OR TRANSMISSION OF ANY PART OF THESE DOCUMENTS IS STRICTLY PROHIBITED. COPYRIGHT BORELLI PARTNERS, INC. 2017</small>		PROJECT ADDRESS OWNER NAME AND ADDRESS ORANGE COUNTY PARKS 400 E. SOUTH STREET 5TH FLOOR ORLANDO, FLORIDA 32801
DRAWING TITLE DETAIL AND ACCESSORY MOUNTING HEIGHTS		PROJECT NO. 14-124 PHASE BO PERMIT DOCUMENTS SCALE AS NOTED FILE NAME 14-124 DRAWN BY EBS CHECKED BY JLM DATE 09-30-14
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A-501

TECHNICAL SPECIFICATIONS TABLE OF CONTENTS

DIVISION 1 – GENERAL REQUIREMENTS (NOT USED)

DIVISION 2 – SITE CONSTRUCTION (NOT USED)

DIVISION 3 – CONCRETE

03 30 00 – CAST-IN-PLACE CONCRETE

DIVISION 4 – MASONRY

04 22 00 – CONCRETE UNIT MASONRY

04 23 00 – GLASS UNIT MASONRY

DIVISION 5 – METALS (NOT USED)

DIVISION 6 – WOOD AND PLASTICS

06 10 00 – ROUGH CARPENTRY

06 16 00 – SHEATHING

06 17 60 – METAL PLATE CONNECTED WOOD TRUSSES

DIVISION 7 – THERMAL AND MOISTURE PROTECTION

07 11 13 – BITUMINOUS DAMPPROOFING

07 21 00 – THERMAL INSULATION

07 41 13 – STANDING SEAM ROOF PANELS

07 46 46 – FIBER-CEMENT SIDING AND SOFFITS

07 62 00 – SHEET METAL FLASHING AND TRIM

07 92 00 – JOINT SEALANTS

DIVISION 8 – DOORS AND WINDOWS

08 11 13 – HOLLOW METAL DOORS AND FRAMES

08 33 23 – OVERHEAD COILING DOORS

08 71 00 – DOOR HARDWARE

08 91 19 – FIXED LOUVERS

DIVISION 9 – FINISHES

09 29 00 – GYPSUM BOARD

09 30 13 – CERAMIC TILING

09 67 23 – RESINOUS FLOORING

09 91 13 – EXTERIOR PAINTING

09 91 23 – INTERIOR PAINTING

DIVISION 10 – SPECIALTIES

10 21 13 – PLASTIC TOILET COMPARTMENTS

10 28 00 – TOILET AND BATH ACCESSORIES

DIVISION 11 – EQUIPMENT (NOT USED)

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Addendum No. 2

November 4, 2014

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DIVISION 13 – SPECIAL CONSTRUCTION (NOT USED)

DIVISION 14 – CONVEYING SYSTEMS (NOT USED)

DIVISION 22 – PLUMBING

22 05 00 – COMMON WORK RESULTS FOR PLUMBING
22 05 29 – HANGER AND SUPPORTS FOR PLUMBING PIPING AND EQUIPMENT
22 05 53 – IDENTIFICATION FOR PLUMBING PIPING AND EQUIPMENT
22 07 00 – PLUMBING INSULATION
22 11 16 – DOMESTIC WATER PIPING
22 11 19 – DOMESTIC WATER PIPING SPECIALTIES
22 11 23 – DOMESTIC WATER PUMPS
22 13 16 – SANITARY WASTE AND VENT PIPING
22 13 19 – SANITARY WASTE PIPING SPECIALTIES
22 33 00 – ELECTRIC DOMESTIC WATER HEATERS
22 40 00 – PLUMBING FIXTURES
22 47 00 – DRINKING FOUNTAINS AND WATER COOLERS

DIVISION 23 – MECHANICAL

23 05 00 – COMMON WORK RESULTS FOR HVAC
23 05 48 – VIBRATION AND SEISMIC CONTROLS FOR HVAC PIPING AND EQUIPMENT
23 05 53 – IDENTIFICATION FOR HVAC PIPING AND EQUIPMENT
23 05 93 – TESTING, ADJUSTING, AND BALANCING FOR HVAC
23 31 13 – METAL DUCTS
23 33 00 – AIR DUCT ACCESSORIES
23 34 23 – HVAC POWER VENTILATORS
23 37 13 – DIFFUSERS, REGISTERS, AND GRILLES

DIVISION 26 – ELECTRICAL

26 05 00 - COMMON WORK RESULTS FOR ELECTRICAL
26 05 19 - LOW-VOLTAGE ELECTRICAL POWER CONDUCTORS AND CABLES
26 05 26 - GROUNDING AND BONDING FOR ELECTRICAL SYSTEMS
26 05 29 - HANGERS AND SUPPORTS FOR ELECTRICAL SYSTEMS
26 05 33 - RACEWAYS AND BOXES FOR ELECTRICAL SYSTEMS
26 05 53 - IDENTIFICATION FOR ELECTRICAL SYSTEMS
26 09 23 - LIGHTING CONTROL DEVICES
26 24 16 – PANELBOARDS
26 27 13 – ELECTRICITY METERING
26 27 26 - WIRING DEVICES
26 28 13 - FUSES
26 28 16 - ENCLOSED SWITCHES AND CIRCUIT BREAKERS
26 41 13 - LIGHTNING PROTECTION FOR STRUCTURES
26 43 13 - TRANSIENT VOLTAGE SUPPRESSION FOR LOW-VOLTAGE ELECTRICAL POWER CIRCUITS
26 51 00 - INTERIOR LIGHTING
26 56 00 – EXTERIOR LIGHTING

DIVISION 28 – ELECTRONIC SAFETY AND SECURITY

28 31 11 – SECURITY AND FIRE ALARM SYSTEM

DIVISION 31 – EARTHWORK (NOT USED)

DIVISION 32 – EXTERIOR IMPROVMENTS (NOT USED)

DIVISION 33 – UTILITIES (NOT USED)

END OF TECHNICAL SPECIFICATIONS