

City of Arlington
Helen Wessler Park

2401 Roberts Circle
Arlington, TX
Hollendale Addition No.5
Vol. 388-22, PG 81 DRTCT

CONTRACT DOCUMENTS
MAY 2025

Helen Wessler Park
2401 Roberts Circle
Arlington, Texas



CLIENT
City Of Arlington

717 W. Main Street
Arlington, TX 76013

PROJECT NO.
41185.23

#	DATE	DESCRIPTION
-	05/02/2025	CONTRACT DOCUMENTS

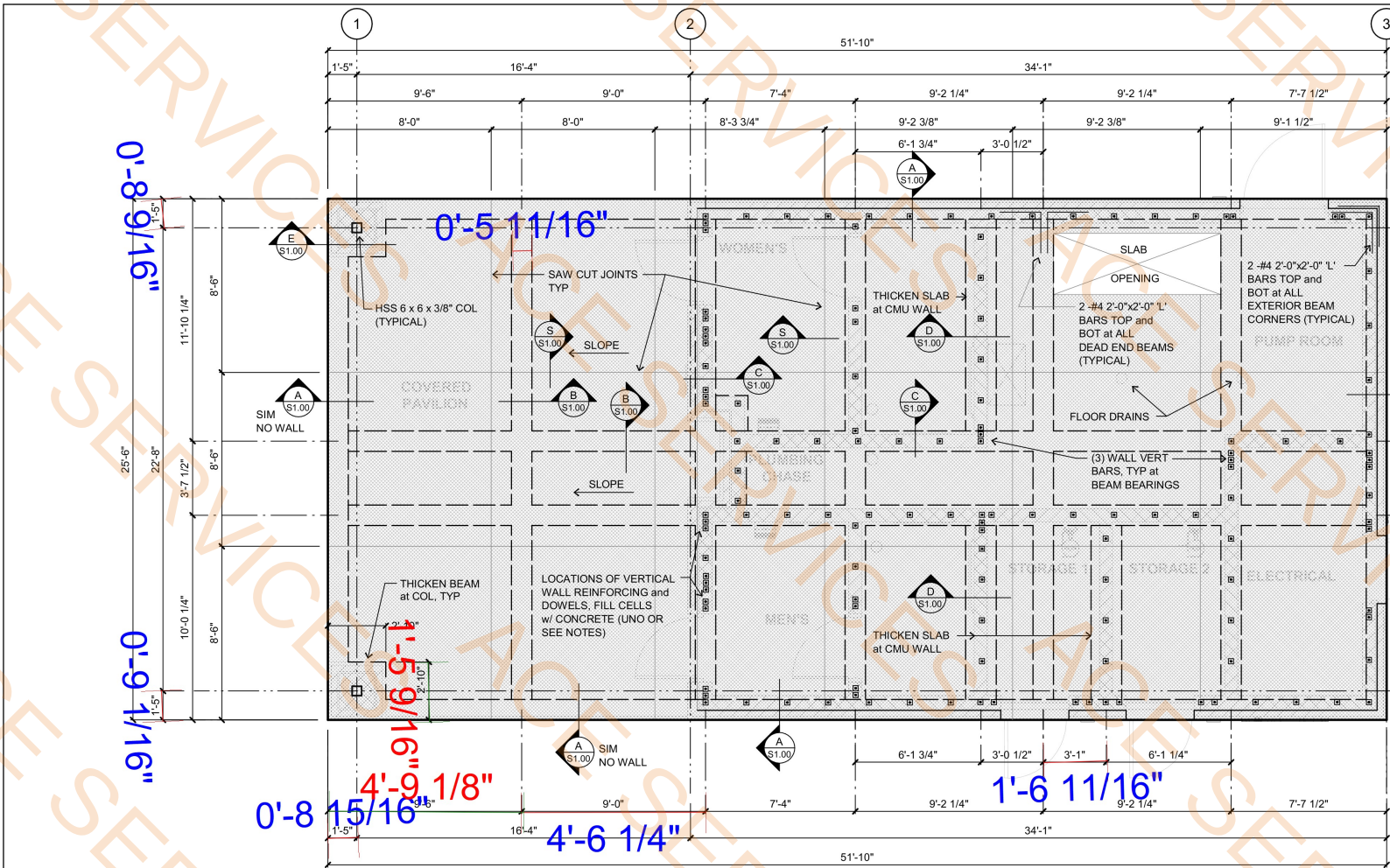
Cover Sheet
G001



255 N. Center St.
Suite 200
Arlington, TX 76011
817.649.3216
Contact: Henry Parker
hparker@parkhill.com

Mayor: Jim Ross
City Council: Mauricio Galante
Raul H. Gonzales
Nikkie Hunter
Andrew Piel
Rebecca Boxall
Long Pham
Bowie Hogg
Dr. Barbara Odom-Wesley
City Manager: Trey Yelverton
Parks Director: James Orlosky





 (D) Thickened Slab

1.0 SQ FT

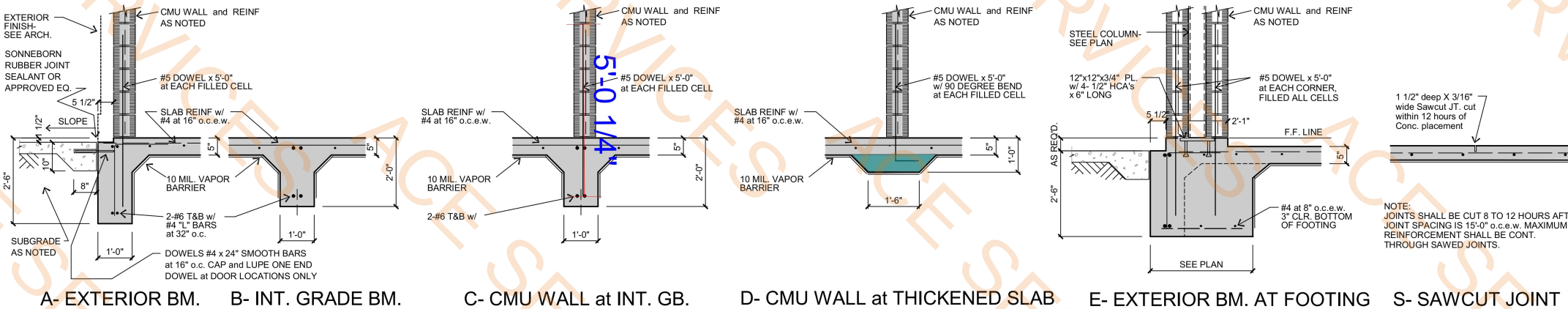
FOUNDATION PLAN SCALE: 1/4"=1'-0"

- NOTES:
- COORDINATE DIMENSIONS, DROPS AND SLOPES W/ ARCH.
 - CUT VAPOR BARRIER at BOTTOM OF ALL BEAM.
 - CONTRACTOR SHALL REFER TO CIVIL PLAN FOR SITE GRADING.
 - REF PAVING AND JOINTING PLAN FOR PAVEMENT THICKNESS ADJACENT TO BUILDING SLAB.

Exposed Concrete

1) There is a possibility of surface cracking in the concrete and this design includes normal industries standard to minimize the potential for cracks. Factors outside our control such as temperature, concrete mix, set time, and humidity can affect the curing process and thus cause shrinkage cracks. Additional steps can be taken to further minimize or control cracking such as additional reinforcing, saw-cutting the slab or slowing the cure time. Contractor shall verify with the concrete supplier that the concrete mix design is appropriate for the intended purpose, monitor batch time and slumps, and use curing compounds or wet and cover the slab after concrete placement.

- Concrete Reinforcing
- 1) Reinforcing steel shall comply with the requirements of ASTM A-65, Grade 60. Reinforcing steel shall be continuous with splices lapped at least 40 diameters. Stirrups and ties shall be grade 40 for bars #3 and smaller. The wire shall be #8 gauge annealed type. Fabricate bent bars in accordance with ACI 308.
- 2) For exterior beams requiring depths exceeding those detailed due to grade conditions, additional reinforcement will be required. Notify engineer to determine type, quantity, and size of this additional reinforcement.
- 3) Review of the foundation construction by Don Illingworth & Assoc., Inc. or the City Building Official or a special inspector in accordance with the Building Code is required prior to concrete placement.
- 4) Reinforcing shall be clean and securely held in place before placing concrete. Bars shall be clean and supported on chairs and tied at all intersections to prevent vertical and horizontal movement during concrete placement. Use 4 ft. maximum support centers along each bay. Lap slab bars a minimum of 20" and beam bars a minimum of 30".
- 5) Provide (2) - #4 corner bars at each outside corner and at all discontinuous ends of beams, at top & bottom, extending 2'-0" minimum each direction.
- 6) Minimum concrete protection for beam reinforcement:
Concrete deposited against ground 3" (Max 5")
Formed concrete in contact with ground 2"
Formed concrete not in contact with ground 1 1/2"
- 7) Minimum concrete protection for slab reinforcement:
Top bars 3/4"
Edge distance 1 1/2"
- Concrete
- 1) Concrete shall develop a 28-day compressive stress (f'c) of at least 3,000 psi and shall be in accordance with ACI 301. Cement shall be Type 1 (gray) and fly ash (if used) shall be Minex Resources Class C. If fly ash is used, the amount of fly ash shall not exceed 20% of the total amount of fly ash and cement used by weight. Mix shall include a polymeric compound water reducing admixture which complies with ASTM C494 as per manufacturer's recommendations. Concrete that has not been placed in the forms prior to 15 hours after the initial mixing water was added shall not be placed regardless of temperature or slump.
- 2) Concrete shall be placed and cured in accordance with ACI 302.R. Finish tolerance shall be in accordance with ACI 117 and shall conform to at least an F Number value of FF-20/FL-15.

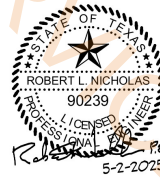


TYPICAL SECTIONS & DETAILS SCALE: 1/2" = 1'-0"

- GENERAL NOTES
- 1) The contractor shall coordinate the foundation plan with architectural drawings for openings, drops, inserts, and related items. Contractor shall also verify all dimensions and conditions in the field before concrete is placed.
- 2) The contractor shall verify, prior to construction, that the new construction will not conflict with any existing utilities. If conflicts arise, the contractor shall notify the architect and shall stop until an appropriate solution to the conflict is found.
- 3) Typical details and notes shall apply unless specifically shown or noted otherwise. Construction details not fully shown or noted shall be similar to details shown for similar conditions.
- 4) Due to the intricacies of construction, it is impractical to specify or show every detail. If a condition is not shown, a similar detail or the current rules of good construction practices shall be followed.
- 5) Site gradings and drainage around the foundation shall be maintained at all times in such a manner that surface or ground water will not collect under or adjacent to the slab. Moisture content should be kept consistent and proper drainage away from slab is required.
- 6) Designed beam sizes, beam spacing, and reinforcing steel shown are minimum requirements needed to allow this structural system to adequately perform in conjunction with soil parameters listed above. The intent is not to eliminate movement, but instead, to limit excessive foundation flexure so that differential movement will not cause unreasonable distress.
- Structural Design Criteria
- 1) The Building Code Requirements for International Building Code (2021 Edition) is the basic code used in the preparation of these structural documents. Additional codes and references are as noted. All structural work shall be in conformance with all local codes, in addition to this basic code document.
- 2) Structural design is based on the following:
- Roof Load: 16 psf
Live Load: 20 psf
Dead Load: 5 psf
Snow Load: 5 psf
- Wind Load: Ultimate Design Wind Speed (3 sec gust) 115 Mph
Building Category: Exposure C
Net Uplift: 10 psf
Lateral Resisting System: CMU Shear Walls
- Soil Design Parameters (Per Geotech Report)
- Min ext beam depth below final grades: 24"
Allowable soil bearing capacity (q_{all}): 1500 psf
Maximum allowable calculated PVR: <1.0"
- 3) Soil and foundation Investigations have been performed for this project. Foundation design is based upon the information furnished in the geotechnical Engineer's report number 1222-160 by Alliance Geotechnical Group, dated April 26, 2024.
- Earthwork Below Building
- Due to the potential for excess soil movements, site preparation work will be required to lower the potential soil movements and to rework the existing fill soils. Recommendations for site preparation work to reduce the soil swell movements to one (1) inch are presented below. There is a potential for additional deep-seated soil swell movements (See Section 5.1).

- 1) Excavate to a depth of 10 feet below the existing ground surface. Excavations should extend 5 feet beyond the edges of the perimeter footings or 2 feet beyond adjacent sidewalks, entry areas, flatwork, whichever is greater. Any excavation cut within proposed flatwork areas should be tapered on a 1:1H:1V slope to the ground surface. Excavation tapers within landscaping areas should be in accordance with OSHA standards and/or adequate measures for worker protection should be provided. We recommend that Alliance Geotechnical Group review the excavation plan for compliance with this report prior to construction bidding.
- 2) After excavation has been performed, the base of cut should be observed by an AGS Geotechnical Engineer to verify that all existing fill soils have been removed.
- 3) Afterwards, the upper 10 inches at base of cut should be scarified, moisture conditioned and compacted at as specified in Item #4 below.
- 4) Fill to within 18 inches of final pad grade using on-site moisture conditioned soils. On-site clays, shaley clays and sandy clays can be used as fill within the building pad if these clay soils are moisture conditioned as specified below. All fill should be placed and compacted in 8 inch loose lifts.
- 5) Clay and Shaley Clay Soils
- On-site clay soils and shaley clay soils should be compacted in 8-inch loose lifts at + 5% to 8% of optimum to a minimum of 92% of ASTM D698. The highly expansive shaley clay soils should not be placed within the upper 5 feet.
- Clay and Sandy Clay Soils (Having a PI of 35 or less)
- On-site clay and sandy clay soils having a PI of 35 or less should be compacted in 8-inch loose lifts at +2% to 5% of optimum to a minimum of 92% of ASTM D698.
- 6) In order to minimize water infiltration, we recommend that a sealed heavy-duty poly 20 mil sheeting with UV protection be placed beneath the splash pad prior to the placement of the low PI select fill. The heavy-duty poly should extend a minimum of 10 feet beyond the pad edges. The contractor must be very careful to select the select fill placement to prevent damage to the heavy-duty poly. The heavy-duty poly should be placed at deeper depths where required in order to extend beneath all plumbing lines.
- 7) The upper 18 inches of fill should consist of low PI select fill. The select fill should extend to the excavation limits (See Item 1 above). The material used as select fill should be a very sandy clay to clayey sand (uniform consistency free of clay clods) with a liquid limit less than 35 and having a plasticity index between 4 and 5. The fill should be spread in loose lifts, less than 8 inches thick and uniformly compacted to a minimum of 95 percent of ASTM D698 between -2% and +2% of the soils optimum moisture content.
- 8) The upper 18 inches of fill in unpaved areas near the structures should consist of compacted on-site clay to minimize water infiltration into the select fill (compact in 8-inch lifts to a minimum of 95% of ASTM D698) at optimum to +2% above optimum.
- 9) Moisture condition of the completed pad must be maintained until all slabs are in place including all flatwork. This will be particularly important along the building perimeter where clay soils will possibly be exposed after excavations for grade beams.
- Concrete Formwork
- Construct formwork to maintain tolerances as outlined in ACI 347. Formwork shall be reused in accordance with ACI 347.
- 1) Formwork shall extend at least two (2) inches below finish grade elevation on perimeter beams.
- 2) Provide the beam cross section indicated. Beam and slab depths and widths as indicated are minimum acceptable sizes. Larger size beams and slabs formed by less accurate trenching may require additional reinforcing not shown which shall be determined by the engineer during construction review. All loose dirt from sides and bottoms of trenches shall be removed. Vapor barrier shall be cut on each side of trenches of adequate size to maintain the vertical sides of the trench.
- 3) Provide temporary port openings in order to drain exposed trenches during construction in case of inclement weather.
- 4) Provide PVC sleeves centered over (around) any sewer, storm, PVC and wrapped piping lines crossing grade beams for protection. Extend sleeves at least 6 inches past trench edges.
- 5) Vapor barrier shall be full 10 mil thick polyethylene film, type recommended for below grade application. Vapor barrier shall be placed above the select fill. Vapor barrier shall be continuous within and below slab areas with joints lapped at least 12 inches and taped continuously with duct tape. Vapor barrier shall extend down the sides of the beam trenches and shall terminate so that it does not extend across the trench bottom.

Parkhill



DI DON ILLINGWORTH & ASSOC., INC.
CONSULTING STRUCTURAL ENGINEERS
PH 817-649-1544 FAX 817-649-1545
Parkhill.com

Helen Wessler Park

2401 Roberts Circle
Arlington, Texas



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City of Arlington	
717 W. Main St. Arlington, TX 76013	
PROJECT NO. 41185.23	
DI NO. 25097	
05/02/2025 Contract Documents	
#	DATE DESCRIPTION

FOUNDATION PLAN
S1.00

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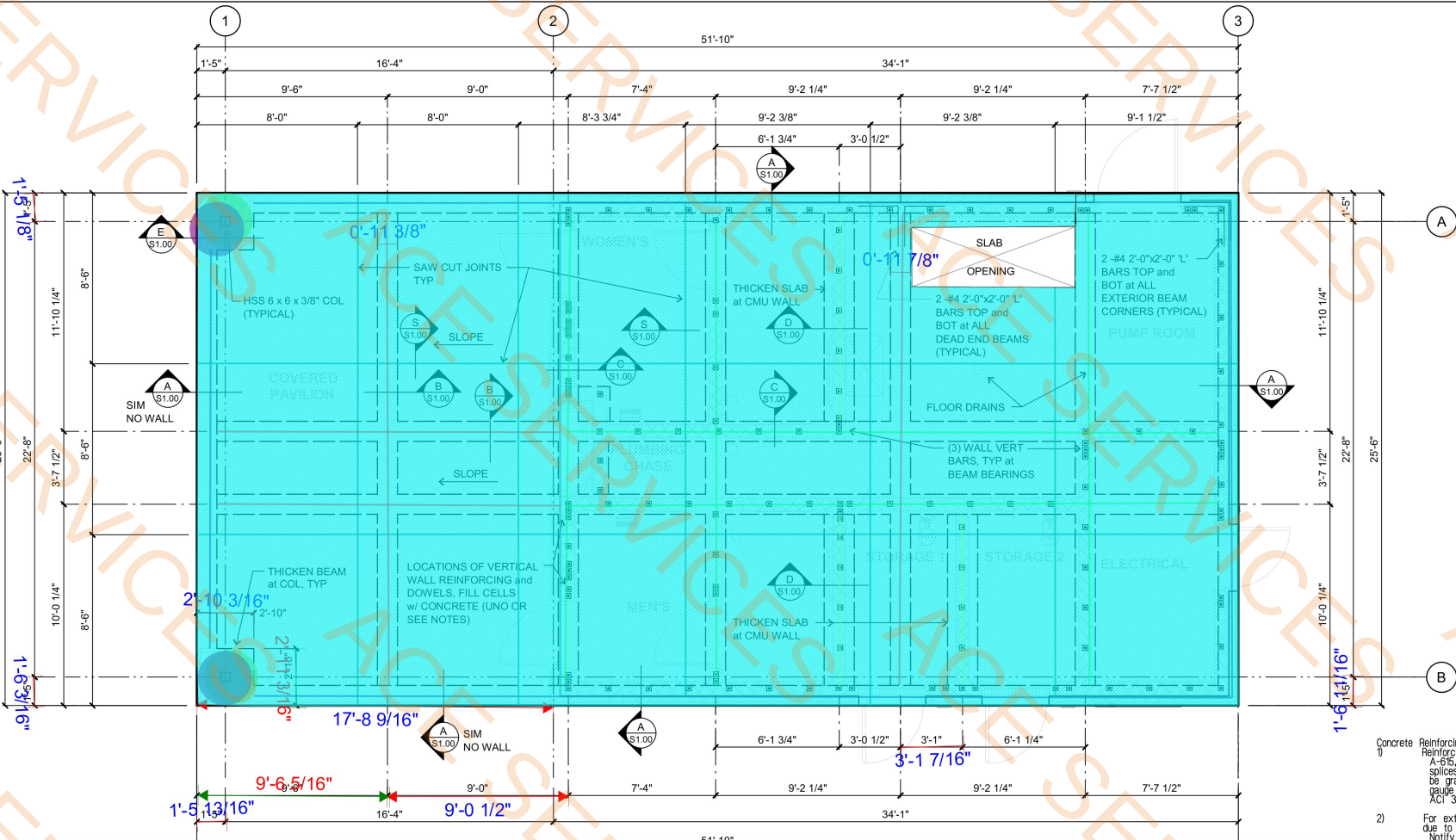
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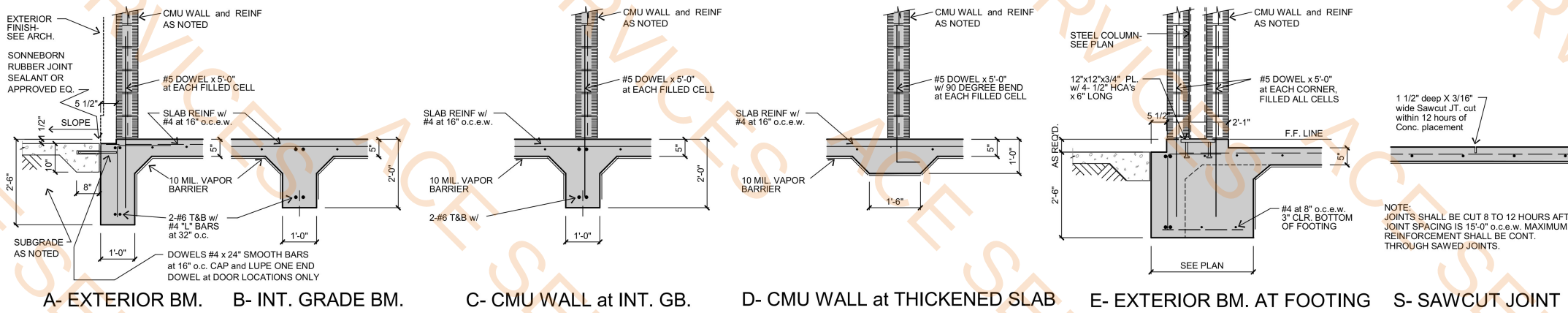
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- (A) 1'-W, 2'-6" D Conti Footing
(2'-10" x 2'-10"), 2'-6" D
(S) 1 1/2" Deep x 3/16" Wide Sawcut @15'
(B) 1'-0" W x 2'-0" D Cont
(C) CMU Wall at Inter.GB (1'-0" W , 2'-0" D)
(D) CMU Wall At Thickened Slab (1'-6" W, 1'-0" D)
5" Concrete Slab
HSS 6x6x3/8" Col (HT-8'5)
- 141.8 FT
2.0 EA
248.5 FT
81.2 FT
134.8 FT
27.4 FT
1296.9 SQ FT
2.0 EA



TYPICAL SECTIONS & DETAILS SCALE: 1/2" = 1'-0"

GENERAL NOTES
1) The structural documents represent the finished structure. Total project definition (and therefore the definition of all requirements) will be provided by combining all documents with the Structural Documents. The Contractor shall verify all field conditions which will affect the fabrication of components for new construction prior to the start of construction. Unless otherwise indicated, the documents do not indicate the method of construction. The Contractor shall take all measures necessary to protect the safety of the public along with the safety of the structure during construction. Such measures shall include but not be limited to bracing and shoring of dead loads, construction loads and wind loads. The Contractor will be required to correct at his own expense any subsidence structural damage or other objectionable conditions caused by his operations.
2) Drawings of specific details on the drawings indicate the intent of the structural design and in most cases, are typical conditions or very similar to other details. Typical conditions not necessarily noted as typical shall be considered as typical for other conditions.
3) Duty of Cooperation: Issuance of these structural documents (drawings and specifications) contemplates further cooperation among all parties involved. Design and construction are complex, and although the design services have been performed with due care and diligence, perfection cannot be guaranteed. Communication is necessary and any structural discrepancy shall be reported immediately to the Engineer whose interpretation shall be final. Discrepancies not brought to the Engineer's attention during the bidding of the project will be deemed to have been bid in the more costly manner.
D WALL FRAMING
light-gage structural framing members, studs, track, joists, ridding, and load-bearing studs shall be of the type and size noted below and shall be in accordance with AISI Specification for the Design of Cold Formed Steel Structural Members.
light gage material shall be formed from hot dipped galvanized steel G-60 coating, meeting ASTM Specification 44-72 (exclusive of material). Grades as follows:
54 mils - 16 gage and heavier Grade D (minimum 50 KSI yield)
43 mils - 18 gage and lighter Grade B (minimum 33 KSI yield)

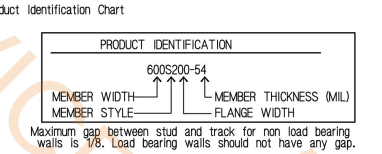
Material Thickness Charts

MATERIAL THICKNESS COMPARISON CHART			
MILS	GAUGE	MINIMUM DELIVERED THICKNESS	DESIGN THICKNESS
33	20	0.0329	0.0346
43	18	0.0428	0.0451
54	16	0.0538	0.0566
68	14	0.0677	0.0713
97	12	0.0986	0.1017

MEMBER SECTION STYLE CHART

SECTIONS	SSMA IDENTIFICATION	FLANGE WIDTH
S-SECTIONS	S137	1 3/8"
STUDS WITH 1/2" STIFFING LIPPS	S162	1 5/8"
	S200	2"
	S250	2 1/2"
T-SECTIONS (TRACKS)	T125	1 1/4"
	T200	2"
	075U50	3/4"
U-SECTIONS (CHANNEL)	50U50	1 1/2"
	200U50	2"
	250U50	2 1/2"
F-SECTIONS (CHANNEL)	087F125	7/8"
	50F125	1 1/2"

3) Wall steel studs shall be Punched 1- 600S200-54 studs at 16" o.c. (Unless Noted Otherwise). Splices in studs are not permitted. Top and bottom tracks shall be continuous 600T200-54. Provide distribution member as detailed if truss does not bear within 3 inches of stud.



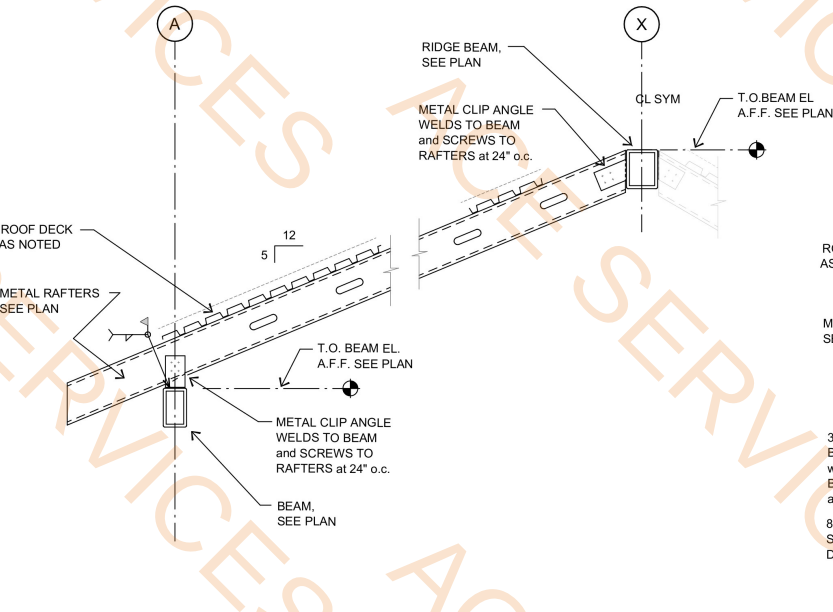
4) Maximum gap between stud and track for non load bearing walls is 1/8". Load bearing walls should not have any gap.
5) Tracks shall be securely anchored to floor and overhead structure as shown and studs shall be seated squarely in track, plumbed or aligned, and attached with 1/4" - 14 x 3/4" Hex Washer Head Screws.
6) Installation of sheathing shall be as required by the construction documents and specifications and in accordance with the sheathing manufacturers recommendations.
7) Tracks and sections used for trusses, beams, post, jamps and headers shall be installed as a single piece. Splicing of structural components is not permitted unless noted otherwise.

FASTENERS AND CONNECTIONS
1) Welding of connections is allowable and shall be performed in accordance with AWS D17-81 Specifications for Welding Sheet Metal in Structures using E70XX electrodes. All welds shall be touched up with rust inhibitive galvanizing paint.
2) All screws shall be type T3 size and diameter as shown on drawings. Provide self drilling and tapping screws with length great enough to finish drilling before the threads engage the material.
3) Coordinate with structural drawings for connection of bottom track to foundation for shear wall design.
For areas other than shear walls, power actuated fasteners used to connect the bottom track to the concrete foundation shall be Hilti X-ZF fasteners with a minimum 0.136 diameter with a minimum of 1 penetration into concrete. Fasteners shall be spaced at 24" on center maximum.

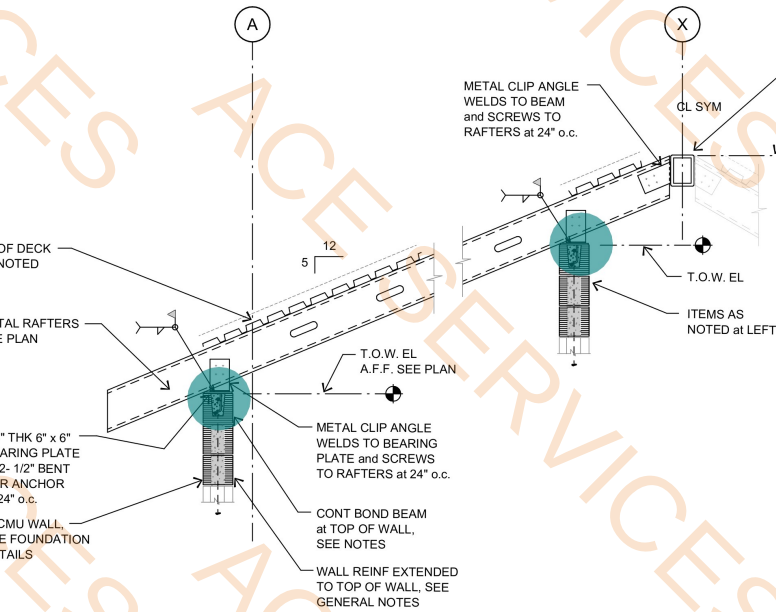
Metal Roof Deck (F-Deck)
1) Metal roof deck shall be 22 gage Type F prime painted corrugated metal deck.
2) Deck shall be shot to supports, intermediate supports and to Perimeter angle with HILTI X-HSN 24 pins.
3) End laps shall be a minimum of 2" and shall always occur over supports. Side laps shall require a minimum of one-half flute.
4) Split panels required to finish out the deck shall be attached in every valley at all supports. Spacing of sidelap fasteners to adjacent panels shall be doubled.
5) Roof deck and lap attachments shall be spaced at 12" on center across the width. Attach with HILTI S-SLC 01 screws.
6) Roof deck intermediate attachments over supports shall be spaced at 12" on center across the width.
7) Attachment of the roof deck units to the perimeter angle parallel to the deck direction shall be spaced at 12" on center.
8) Provide 3" x 3" x 1/4" continuous angle support at edge of change in deck direction.

- HSS 8"x6"x3/8" (Ridge Beam) 55.9 FT
- HSS 6x6x3/8" beam 12.3 FT
- 1/2"x12"x8" Bearing Plate w/3-3/4" Diax6" Long Bent Bars A... 2.0 EA
- Linear 8.2 FT
- 3/8" THK 6"x6" Bearing Plate 2.0 EA

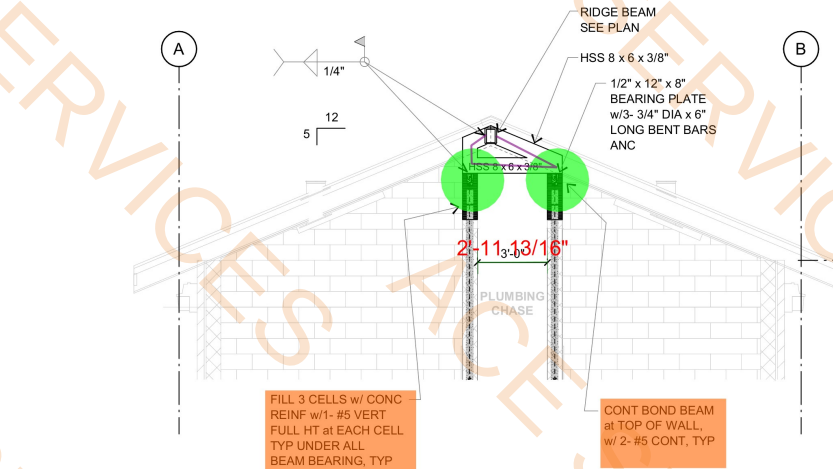
A- TRUSS T1 ALL SCALES: 1/4" = 1'-0" (UNO)



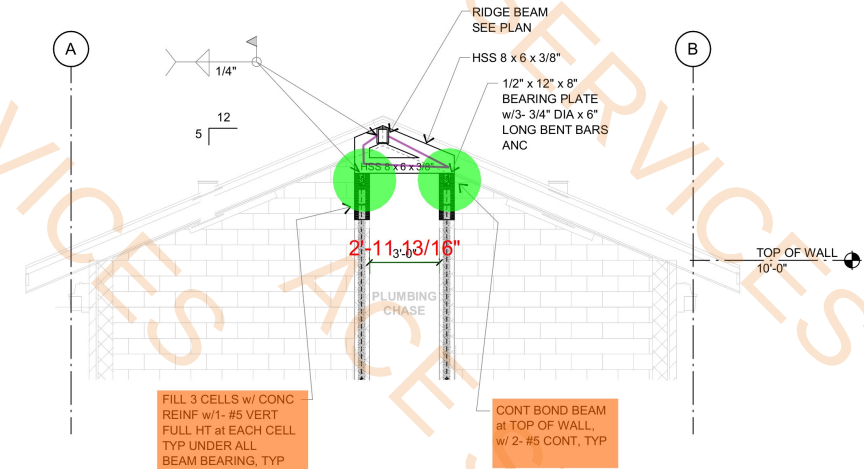
C- METAL RAFTER TO WALL SCALE: 1/2" = 1'-0"



B- METAL RAFTER TO BEAM SCALE: 1/2" = 1'-0"



D- TRUSS T2



Amington, Texas

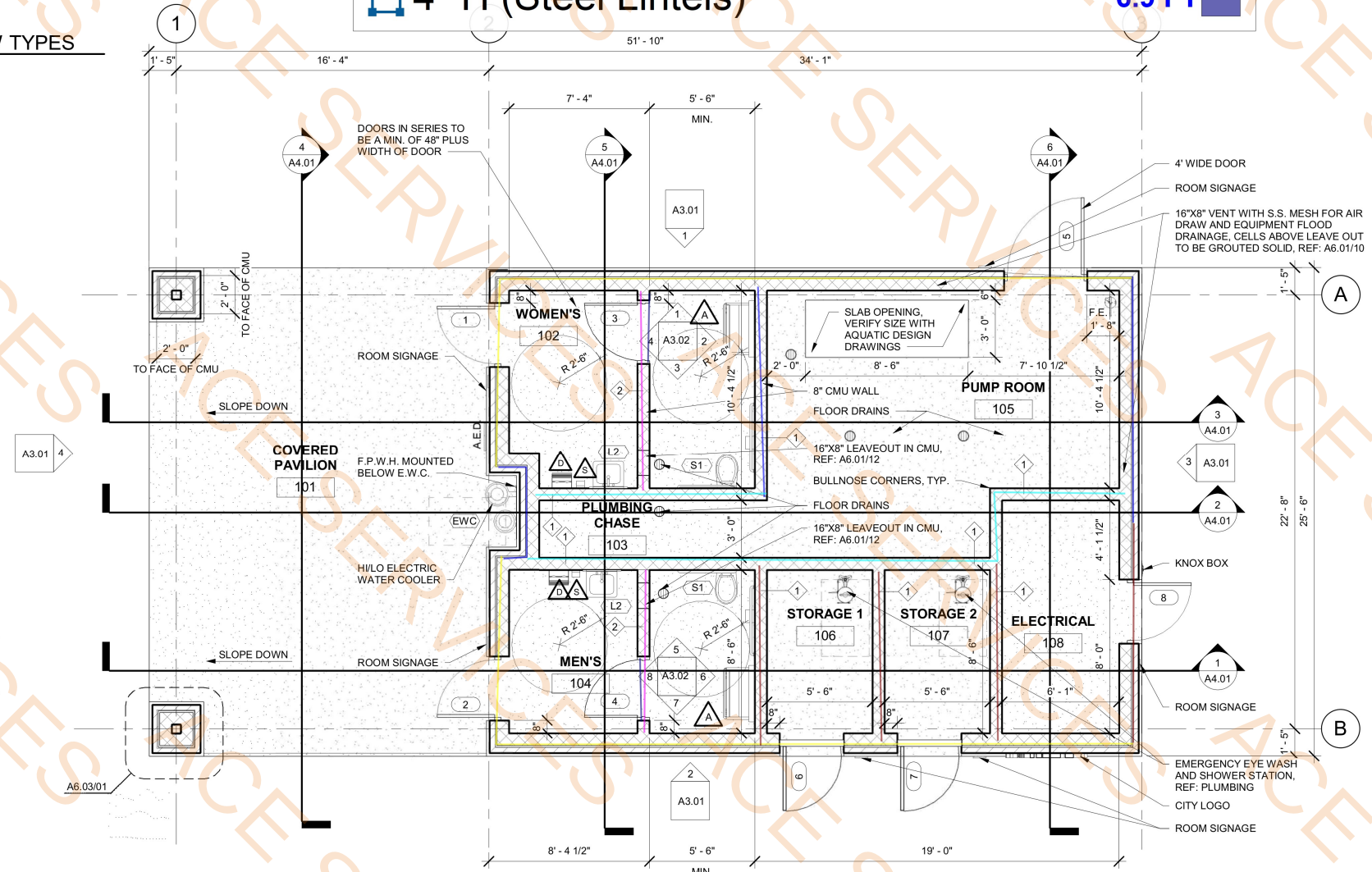

$$1/4" = 1'-0"$$

WINDOW TYPES

PLAN NORTH

1 LEVEL 1
1/4" = 1'-0"

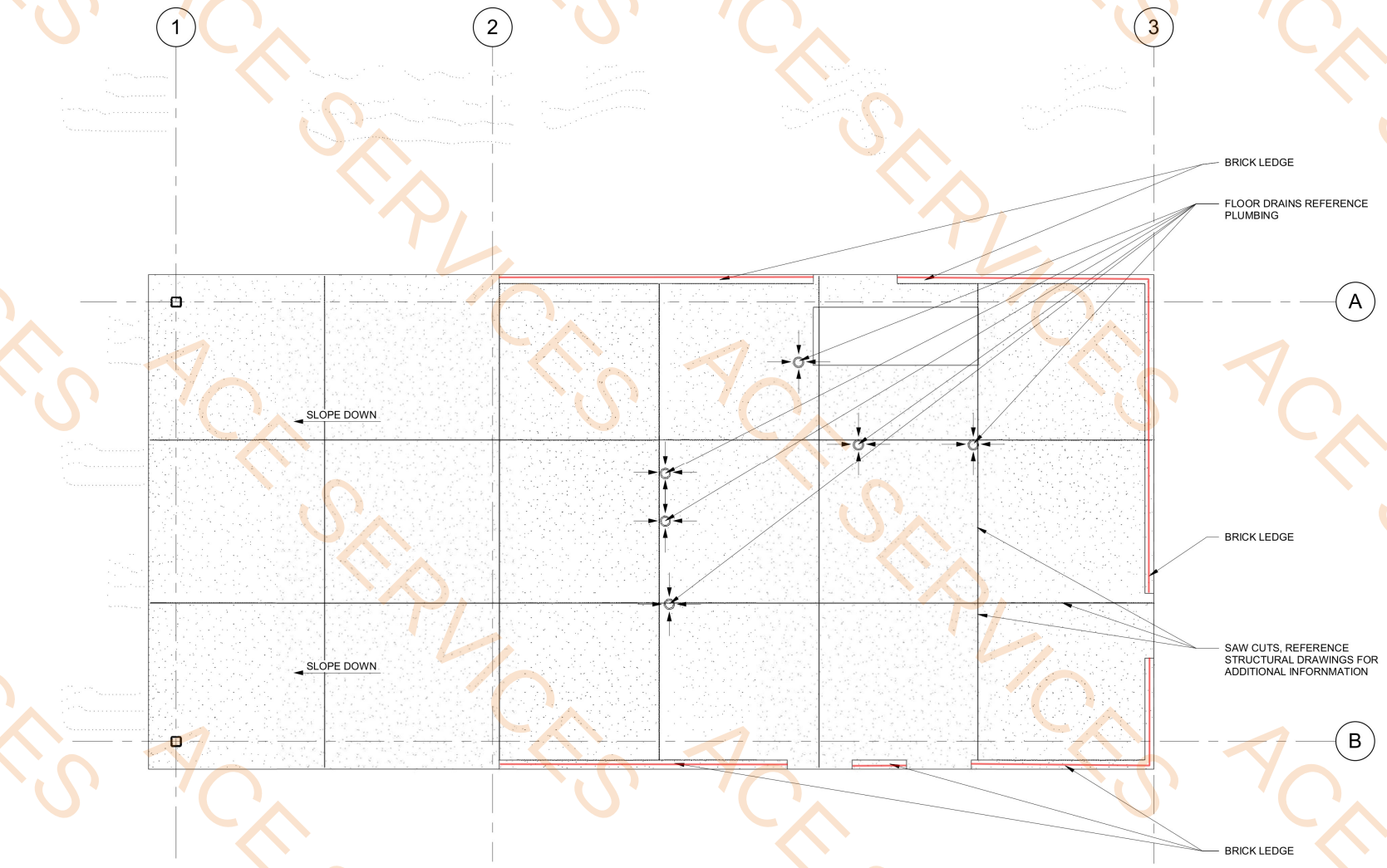
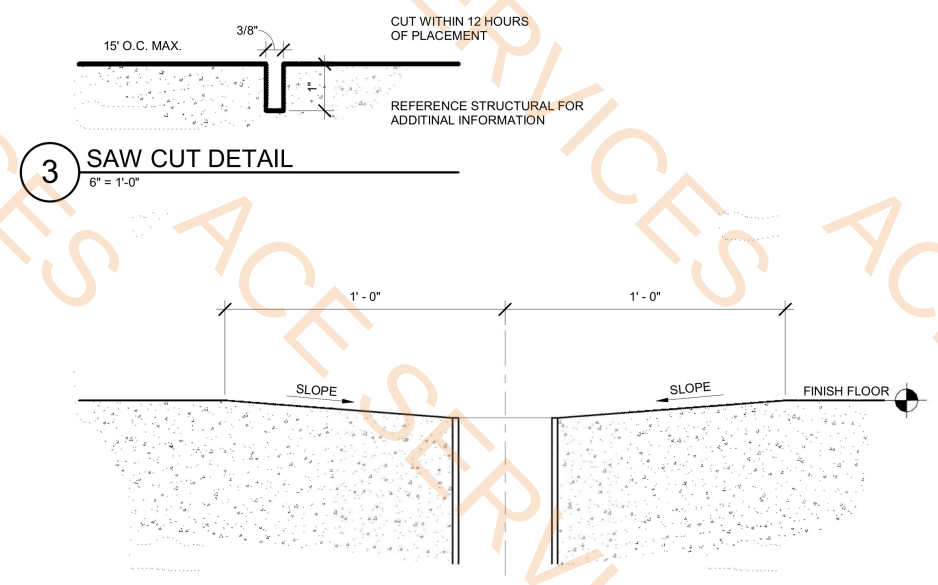
NOTE:
1. ALL CMU TO HAVE BULLNOSED CORNERS AT DOORS, WINDOWS AND OUTSIDE CORNERS, TYPE



5/2/2025 12:32:51 PM

4" Brick Ledge

77.7 FT



Parkhill



05-02-2025

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SLAB EDGE AND
SAW CUTS
A2.02

5/2/2025 12:32:56 PM

- 12" Wide Sheet Metal Ridge Cap
- Standing Seam Metal Roof
- 6"x6" Metal Gutter
- SOLATUBE
- Ice and Water Shield (Ht 4')
- Metal Rake Flashing

55.2 FT
1684.5 SQ FT
110.1 FT
2.0 EA
110.2 FT
30.6 FT



1 ROOF PLAN
1/4" = 1'-0"

Parkhill



05-02-2025

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ROOF PLAN
A2.05



EXTERIOR ELEVATIONS

A3.01



05-02-2025

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PROJECT NO.

41185.23

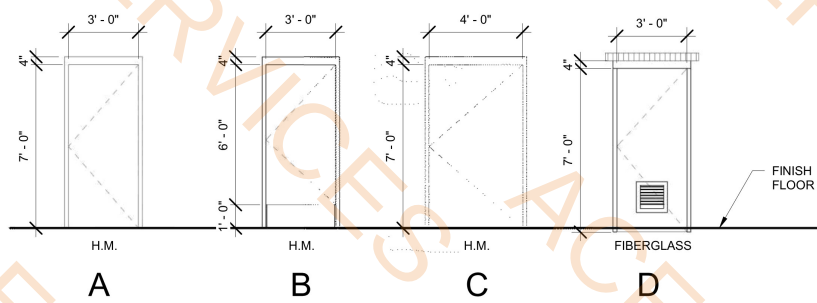
05/02/2025 Contract Documents

DATE DESCRIPTION

FLOOR PLAN &
SCHEDULES

A2.01

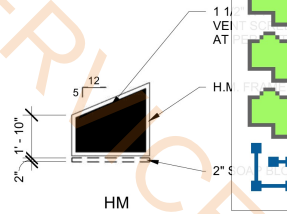
DOOR SCHEDULE									
DOOR NUMBER	DOOR TYPE	FRAME	THICKNESS	HEAD	JAMB 1	JAMB 2	THRESHOLD	HARDWARE SET	REMARKS
1	A	HM	1 3/4"	A6.01/11	A6.01/02	A6.01/02	A6.01/01	1	MAG LOCK / CENTRAL CONTROLLER
2	A	HM	1 3/4"	A6.01/11	A6.01/02	A6.01/02	A6.01/01	1	MAG LOCK / CENTRAL CONTROLLER
3	B	HM	1 3/4"	A6.01/06	A6.01/05	A6.01/05	A6.01/04	2	
4	B	HM	1 3/4"	A6.01/06	A6.01/05	A6.01/05	A6.01/04	2	
5	C	HM	1 3/4"	A6.01/03	A6.01/02	A6.01/02	A6.01/01	3	PANIC BAR
6	D	HM	2"	A6.01/03	A6.01/02	A6.01/02	A6.01/01	3	PANIC BAR
7	D	HM	2"	A6.01/03	A6.01/02	A6.01/02	A6.01/01	3	PANIC BAR
8	A	HM	1 3/4"	A6.01/03	A6.01/02	A6.01/02	A6.01/01	3	PANIC BAR



DOOR TYPES

1/4" = 1'-0"

WINDOW SCHEDULE						
NUMBER	TYPE	DETAIL				REMARKS
		SILL	JAMB	JAMB OH	HEAD	
1	A	A6.01/07	A6.01/08	A6.01/08	A6.01/09	N
2	A	A6.01/07	A6.01/08	A6.01/08	A6.01/09	N



WINDOW TYPES

1/4" = 1'-0"

ROOM FINISH SCHEDULE						
ROOM NUMBER	ROOM NAME	FLOOR FINISH	BASE FINISH	WALL FINISH	CEILING FINISH	ROOM SIGNAGE
101	COVERED PAVILION	F3	B1	W1	C1	No
102	WOMEN'S	F1	B1	W1	C1	Yes
103	PLUMBING CHASE	F2	B2	W1	C2	Yes
104	MEN'S	F1	B1	W1	C1	Yes
105	PUMP ROOM	F2	B2	W1	C2	Yes
106	STORAGE 1	F2	B2	W1	C2	Yes
107	STORAGE 2	F2	B2	W1	C2	Yes
108	ELECTRICAL	F2	B2	W1	C1	Yes

MATERIALS LEGEND
F1 - RESINOUS FLOORING
F2 - SEALED CONCRETE
F3 - STAINED AND SEALED CONCRETE, ROUGH TROWL FINISH
B1 - RESINOUS BASE
B2 - NO BASE
W1 - BLOCK FILLER PRIMER AND EPOXY PAINTED CMU
W2 - SEALED CMU
C1 - PORTLAND CEMENT PLASTER
C2 - PORTLAND CEMENT PLASTER WITH BATT INSULATION (R-30)

PLAN SYMBOL LEGEND

	DETAIL TAG
	DOOR TAG
	WINDOW TAG
	ROOM TAG
	SECTION TAG
	ELEVATION TAG
	RESTROOM LAYOUT
	TOILET ACCESSORY

WALL TYPES

	8" CMU, FULL HEIGHT
	8" CMU, EIGHT FEET TALL WITH CAST STONE CAP

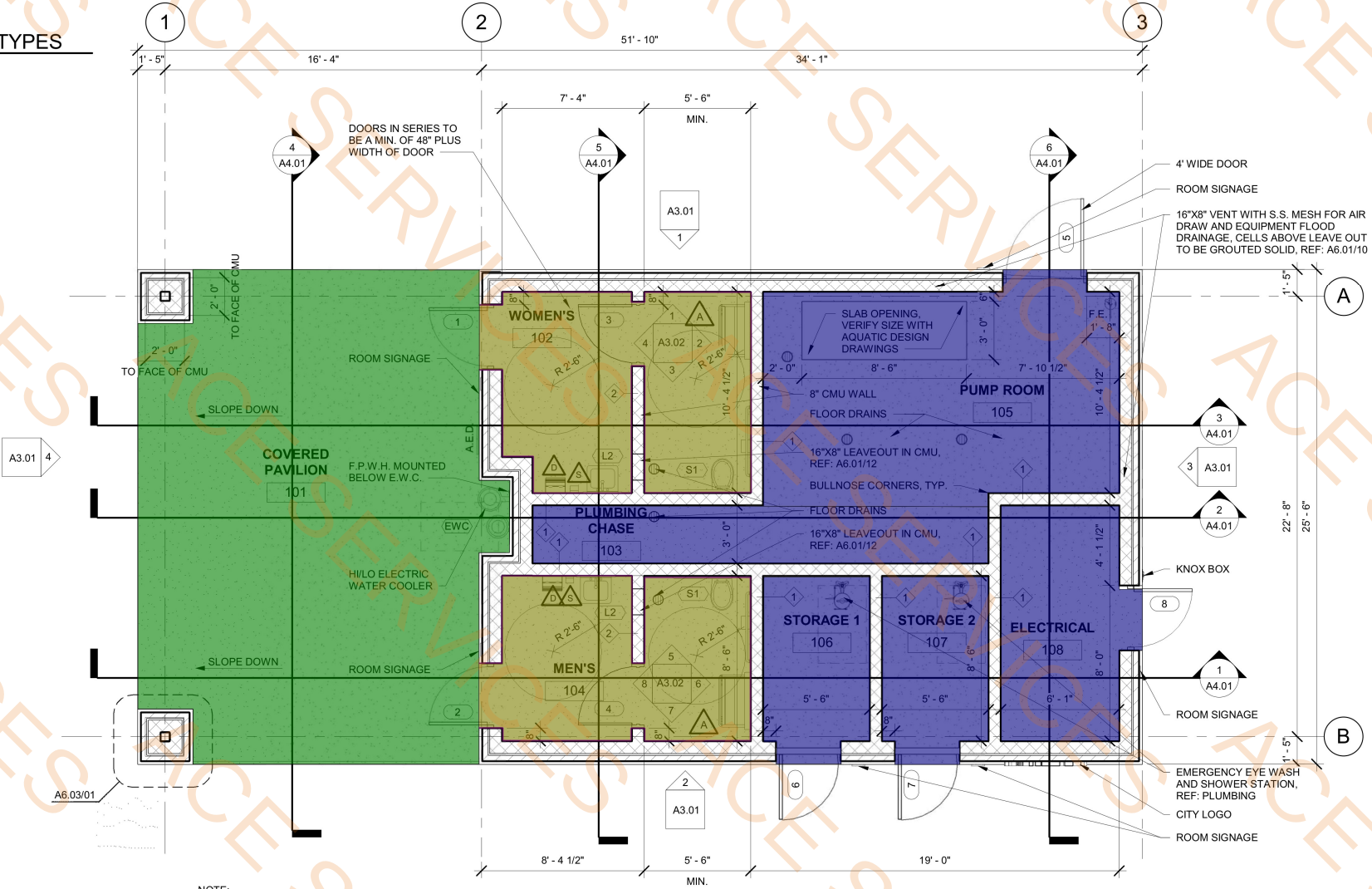
TOILET ACCESSORY NOTES:

- ALL TOILETS, URINALS AND SINKS TO BE STAINLESS STEEL (TOILETS TO HAVE BLACK TOILET SEAT).
- TOILETS TO HAVE AUTOMATIC FLUSH VALVES W/ 120V OPTION.
- VERIFY TOILET PAPER DISPENSERS AND SOAP DISPENSERS TO MATCH CITY STANDARDS.



PLAN
NORTH

1 LEVEL 1
1/4" = 1'-0"



NOTE:
1. ALL CMU TO HAVE BULLNOSED CORNERS AT DOORS, WINDOWS AND OUTSIDE CORNERS, TYP.



05-02-2025

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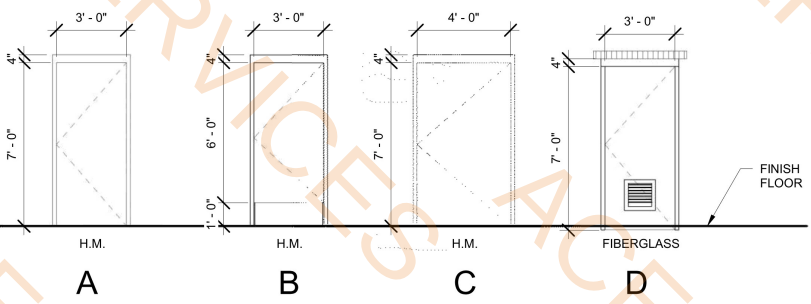
PROJECT NO.
41185.23

05/02/2025 Contract Documents
DATE DESCRIPTION

FLOOR PLAN &
SCHEDULES

A2.01

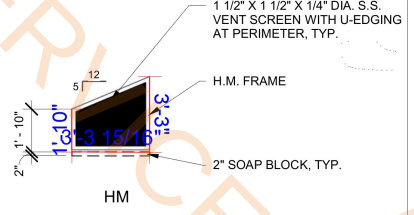
DOOR SCHEDULE									
DOOR NUMBER	DOOR TYPE	FRAME	THICKNESS	HEAD	JAMB 1	JAMB 2	THRESHOLD	HARDWARE SET	REMARKS
1	A	HM	1 3/4"	A6.01/11	A6.01/02	A6.01/02	A6.01/01	1	MAG LOCK / CENTRAL CONTROLLER
2	A	HM	1 3/4"	A6.01/11	A6.01/02	A6.01/02	A6.01/01	1	MAG LOCK / CENTRAL CONTROLLER
3	B	HM	1 3/4"	A6.01/06	A6.01/05	A6.01/05	A6.01/04	2	
4	B	HM	1 3/4"	A6.01/06	A6.01/05	A6.01/05	A6.01/04	2	
5	C	HM	1 3/4"	A6.01/03	A6.01/02	A6.01/02	A6.01/01	3	PANIC BAR
6	D	HM	2"	A6.01/03	A6.01/02	A6.01/02	A6.01/01	3	PANIC BAR
7	D	HM	2"	A6.01/03	A6.01/02	A6.01/02	A6.01/01	3	PANIC BAR
8	A	HM	1 3/4"	A6.01/03	A6.01/02	A6.01/02	A6.01/01	3	PANIC BAR



DOOR TYPES

1/4" = 1'-0"

WINDOW SCHEDULE						
NUMBER	TYPE	SILL	JAMB	JAMB OH	HEAD	REMARKS
1	A	A6.01/07	A6.01/08	A6.01/08	A6.01/09	N
2	A	A6.01/07	A6.01/08	A6.01/08	A6.01/09	N



WINDOW TYPES

1/4" = 1'-0"

ROOM FINISH SCHEDULE						
ROOM NUMBER	ROOM NAME	FLOOR FINISH	BASE FINISH	WALL FINISH	CEILING FINISH	ROOM SIGNAGE
101	COVERED PAVILION	F3	B1	W1	C1	No
102	WOMEN'S	F1	B1	W1	C1	Yes
103	PLUMBING CHASE	F2	B2	W1	C2	Yes
104	MEN'S	F1	B1	W1	C1	Yes
105	PUMP ROOM	F2	B2	W1	C2	Yes
106	STORAGE 1	F2	B2	W1	C2	Yes
107	STORAGE 2	F2	B2	W1	C2	Yes
108	ELECTRICAL	F2	B2	W1	C1	Yes

MATERIALS LEGEND
F1 - RESINOUS FLOORING
F2 - SEALED CONCRETE
F3 - STAINED AND SEALED CONCRETE, ROUGH TROWL FINISH
B1 - RESINOUS BASE
B2 - NO BASE
W1 - BLOCK FILLER PRIMER AND EPOXY PAINTED CMU
W2 - SEALED CMU
C1 - PORTLAND CEMENT PLASTER
C2 - PORTLAND CEMENT PLASTER WITH BATT INSULATION (R-30)

PLAN SYMBOL LEGEND

1 A101	DETAIL TAG
1	DOOR TAG
1	WINDOW TAG
Room name 101	ROOM TAG
1 A101	SECTION TAG
1 A3.01	ELEVATION TAG
L1	RESTROOM LAYOUT
D	TOILET ACCESSORY

WALL TYPES

1	8" CMU, FULL HEIGHT
2	8" CMU, EIGHT FEET TALL WITH CAST STONE CAP

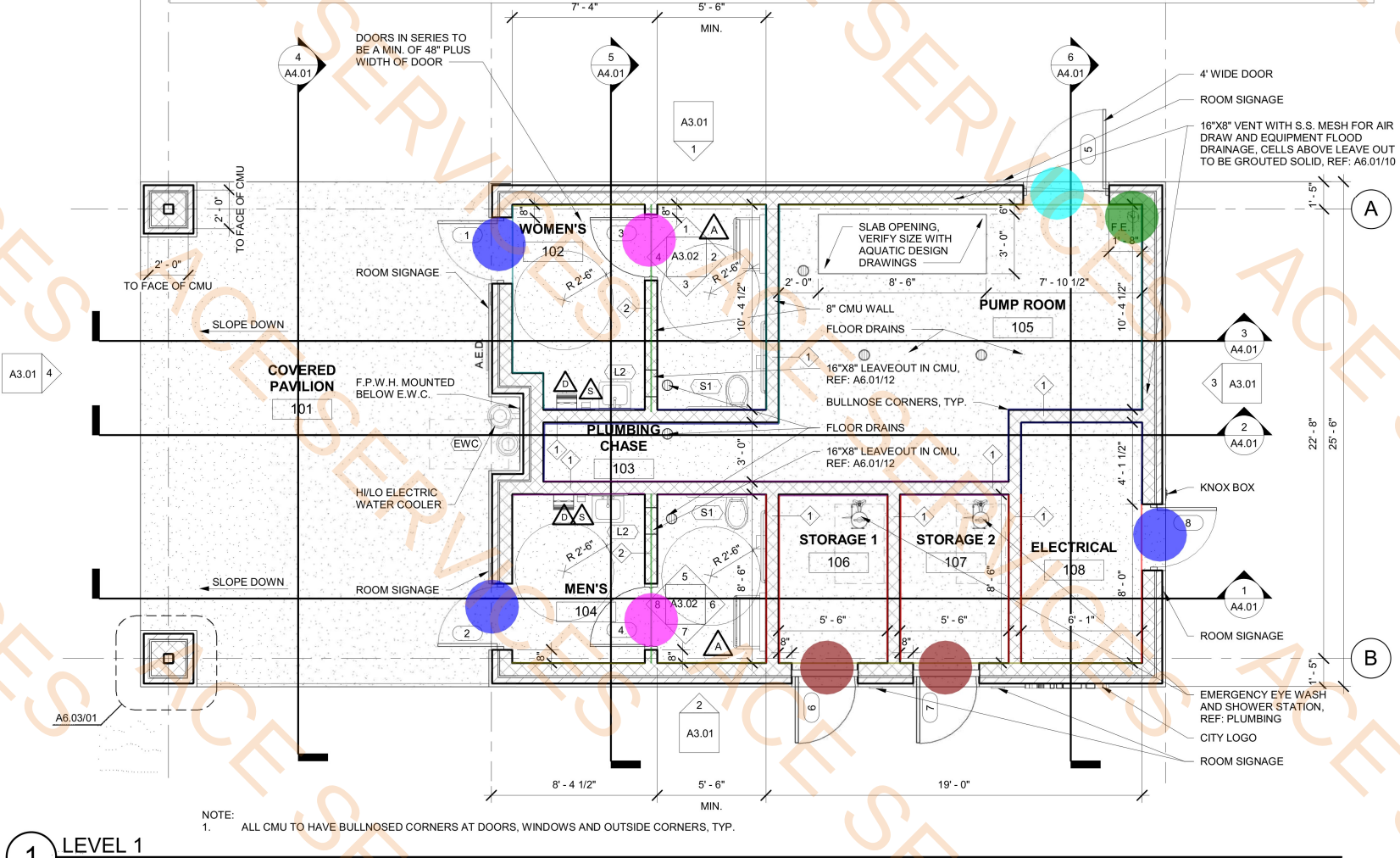
TOILET ACCESSORY NOTES:
1. ALL TOILETS, URINALS AND SINKS TO BE STAINLESS STEEL (TOILETS TO HAVE BLACK TOILET SEAT).
2. TOILETS TO HAVE AUTOMATIC FLUSH VALVES W/ 120V OPTION.
3. VERIFY TOILET PAPER DISPENSERS AND SOAP DISPENSERS TO MATCH CITY STANDARDS.



1 LEVEL 1
1/4" = 1'-0"

- A- 3' w x 7' H Hollow Metal
- B- 3' W X 6' H Hollow Metal Door
- C- 4' W X 7' H Hollow Metal Door
- D- 3' W X 7' H Fiber Glass
- W1 @ 8' H Both Sides
- W1 @ 10' H
- W1 @ 15' H
- W1 @ 14' 3" H
- W1 @ 13' 6" H
- W1 @ 12' H
- FIRE EXTINGUISHER

- 3.0 EA
- 2.0 EA
- 1.0 EA
- 2.0 EA
- 19.0 FT
- 61.0 FT
- 49.6 FT
- 46.5 FT
- 43.5 FT
- 58.5 FT
- 1.0 EA



NOTE:
1. ALL CMU TO HAVE BULLNOSED CORNERS AT DOORS, WINDOWS AND OUTSIDE CORNERS, TYP.



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DATE DESCRIPTION

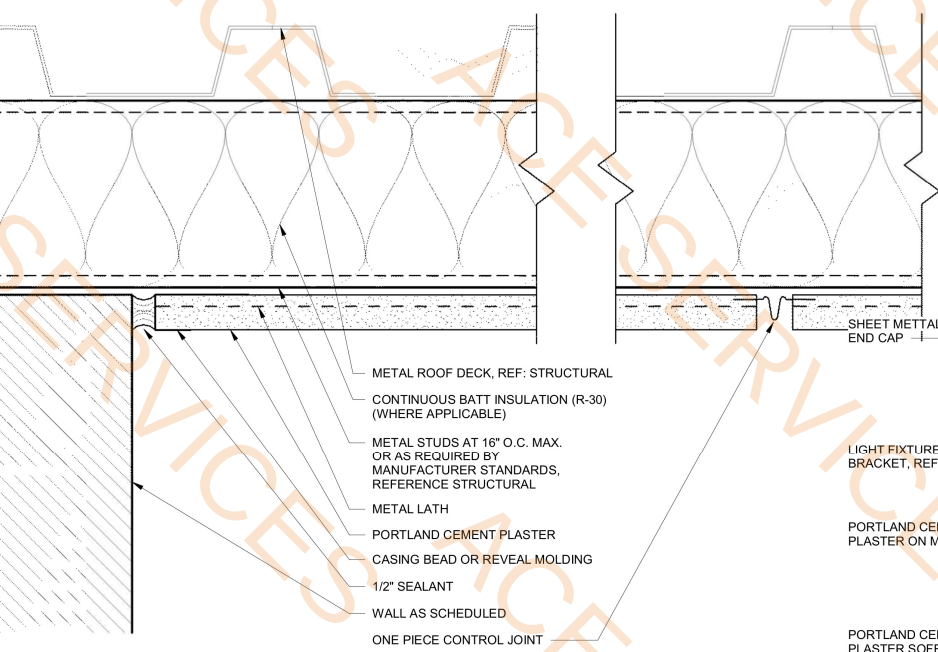
REFLECTED
CEILING PLAN
A2.04

REFLECTED CEILING PLAN LEGEND

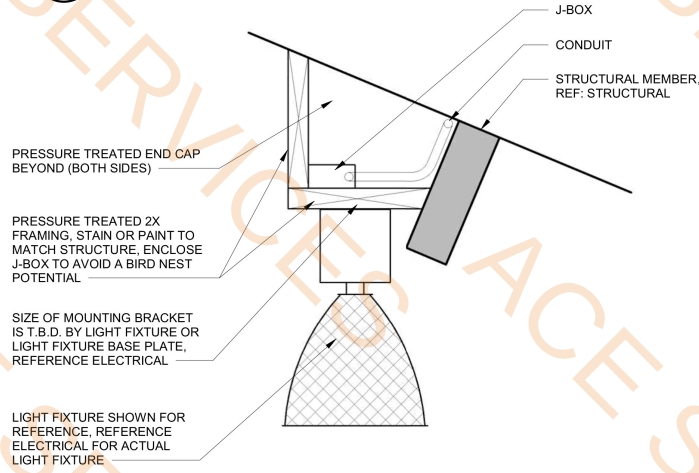
	4' LINEAR LED - SURFACE MOUNT LIGHT FIXTURE W/ METAL WIRE GUARD
	WALL PACK - LED
	HIGH BAY, SURFACE MOUNT, LED LIGHT FIXTURE
	SOLATUBE
	PORTLAND CEMENT PLASTER CEILING / SOFFITS
	PORTLAND CEMENT PLASTER CEILING WITH BATT ABOVE (R-30)

	C1-Portland Cement Plaster	1110.7 SQ FT
	C2-Portland Cement Plaster With Batt Insulation (R-30)	358.2 SQ FT
	6" wide ceiling soffit	18.7 FT
	Metal Lath	472.6 FT

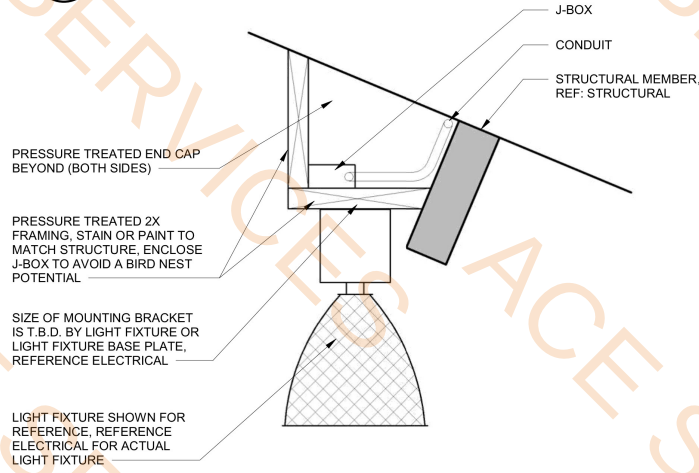
4 PORTLAND CEMENT PLASTER CEILING DETAIL
AT COVERED PAVILION
6" = 1'-0"



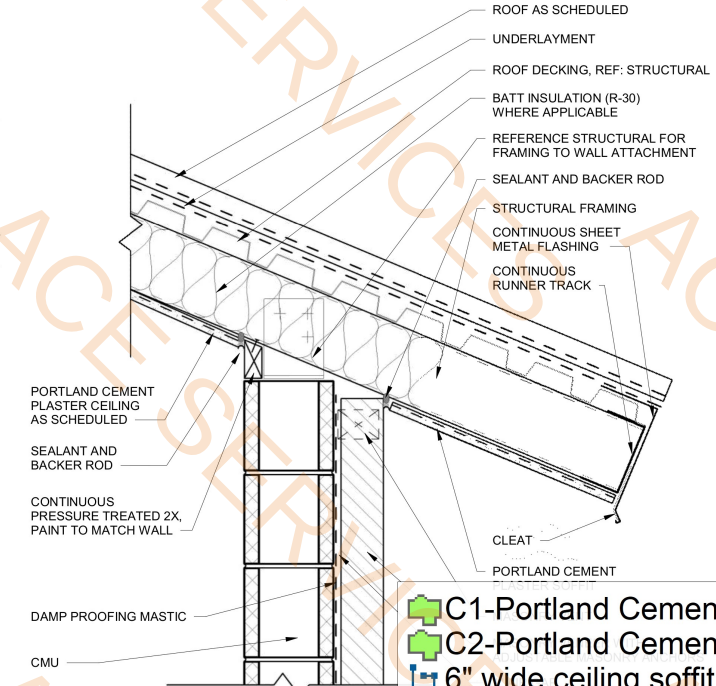
3 PORTLAND CEMENT PLASTER CEILING DETAIL
WITH INSULATION
6" = 1'-0"



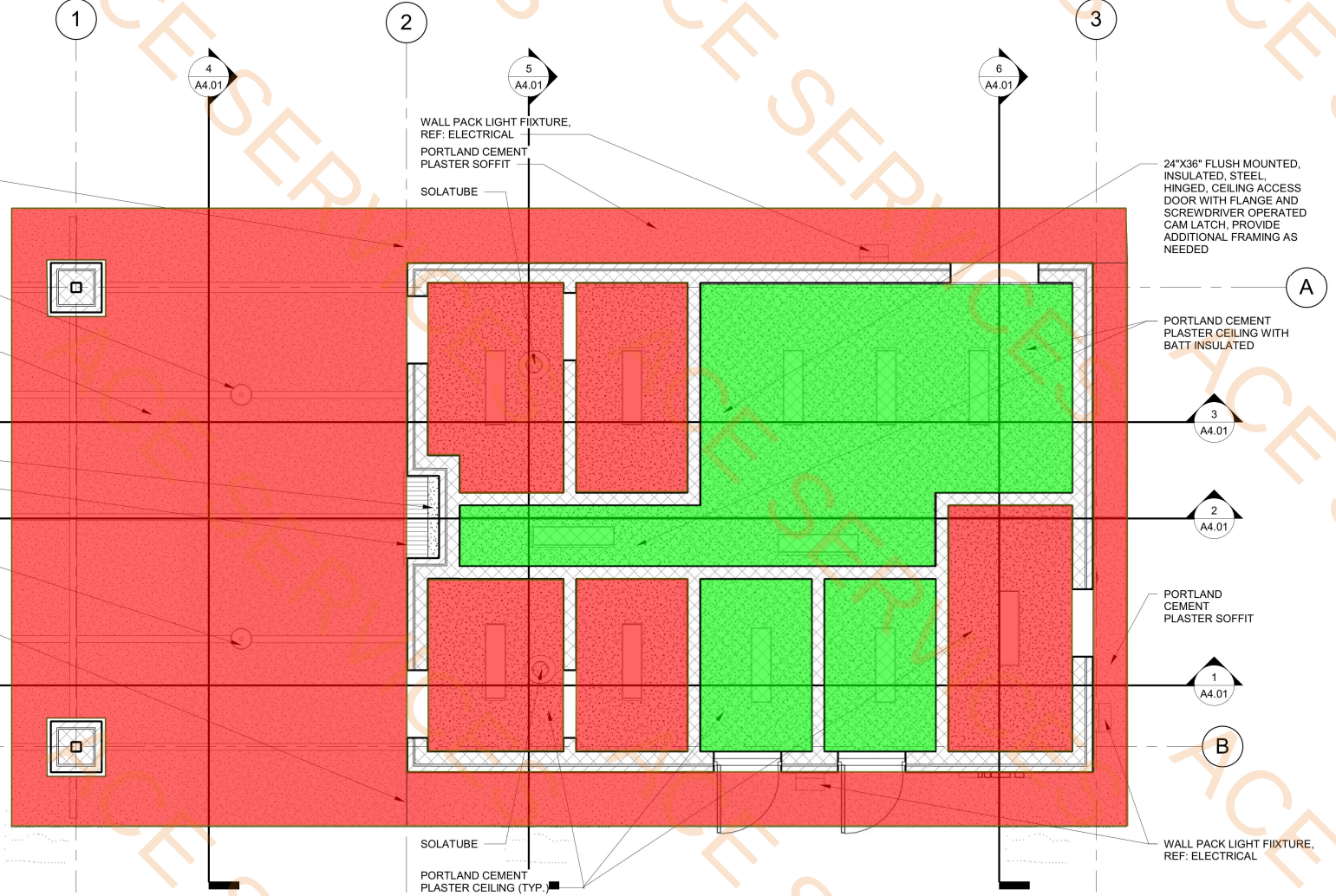
2 LIGHT FIXTURE BRACKET DETAIL
1 1/2\" = 1'-0"



5 SECTION DETAIL AT
1 1/2\" = 1'-0"



1 REFLECTED CEILING PLAN
1/4\" = 1'-0"



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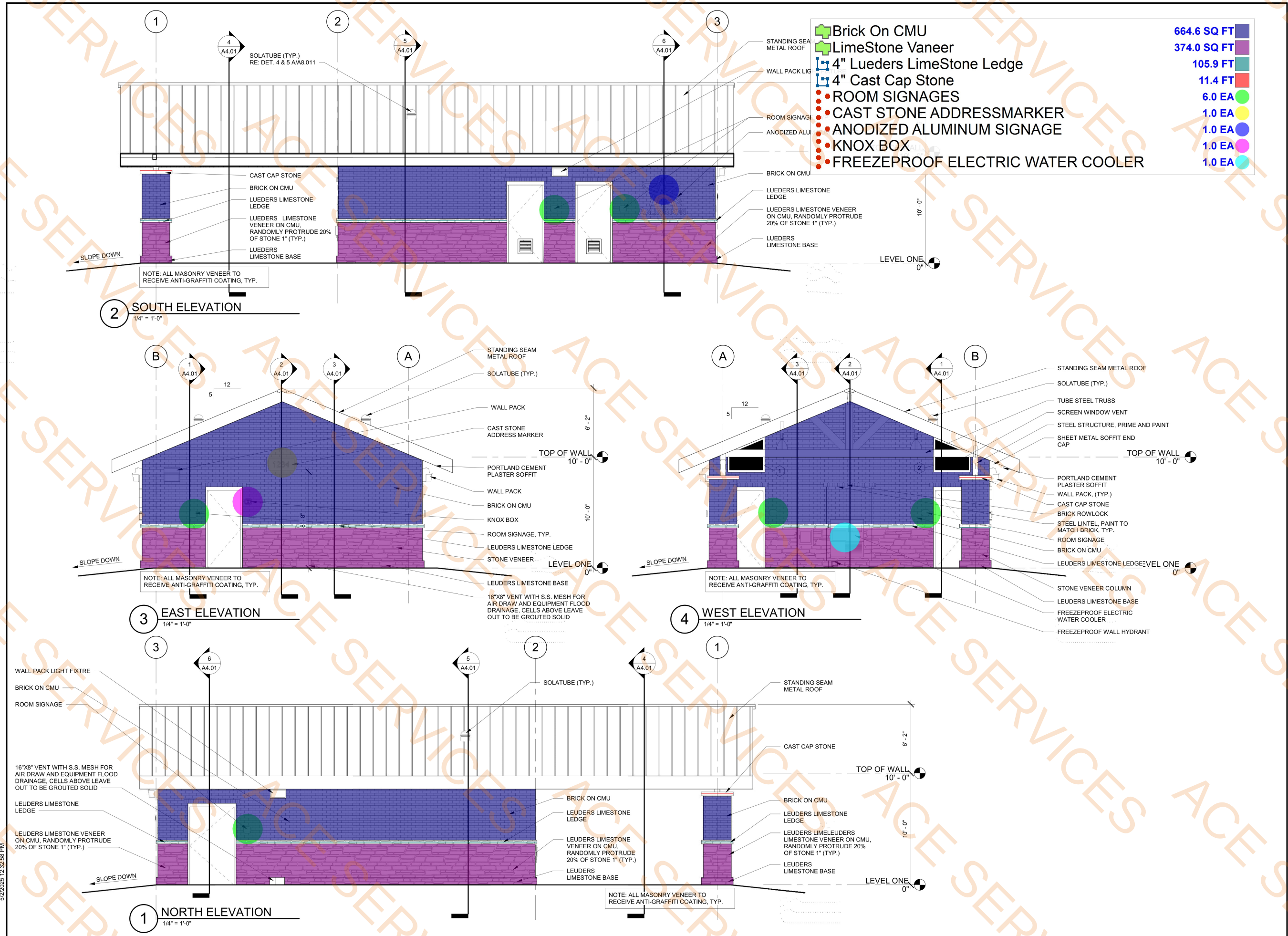
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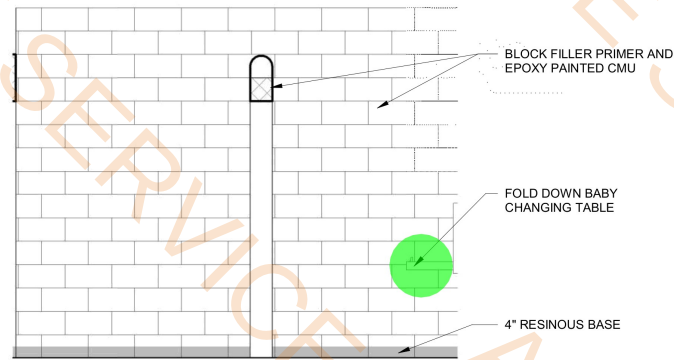
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DATE DESCRIPTION

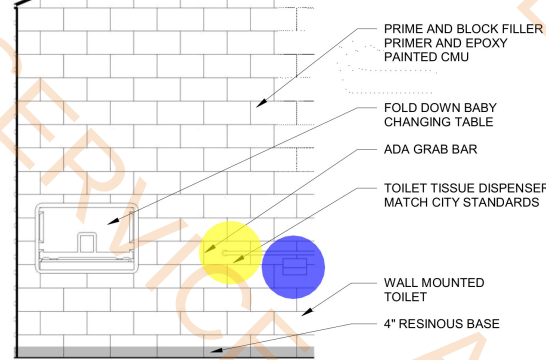
EXTERIOR
ELEVATIONS
A3.01



- Fold Down Baby Changing Tabel 2.0 EA
- ADA Grab Bar 2.0 EA
- Toilet Tissu Dispanser 2.0 EA
- Vandal Resistance Mirror 2.0 EA
- Soap Dispanser 2.0 EA
- Dyson Hand Drayer 2.0 EA
- 8" X 8" Recess Mount Access Door With Screwdriver Operate... 2.0 EA



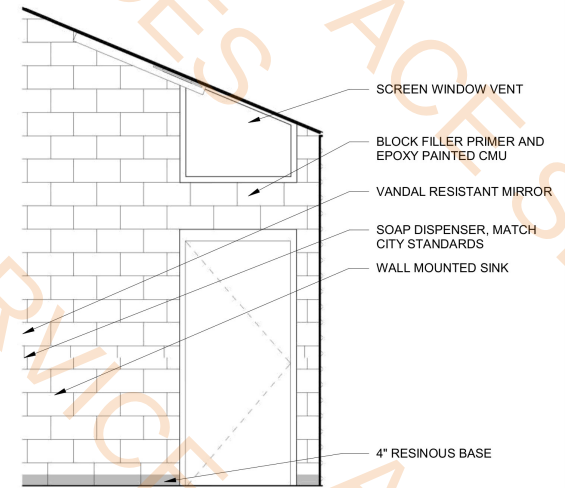
1 ELEVATION - MEN'S - NORTH
3/8" = 1'-0"



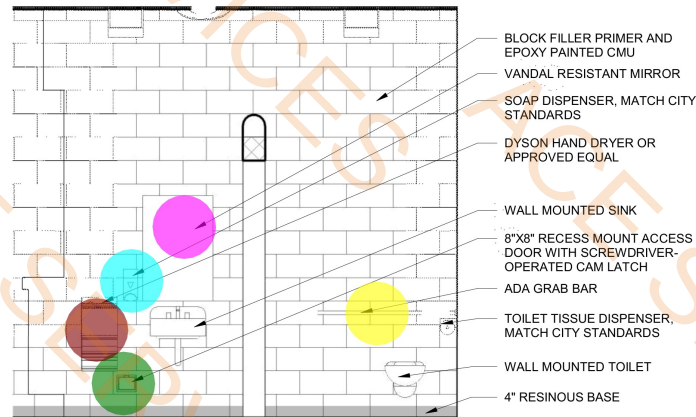
2 ELEVATION - MEN'S - EAST
3/8" = 1'-0"



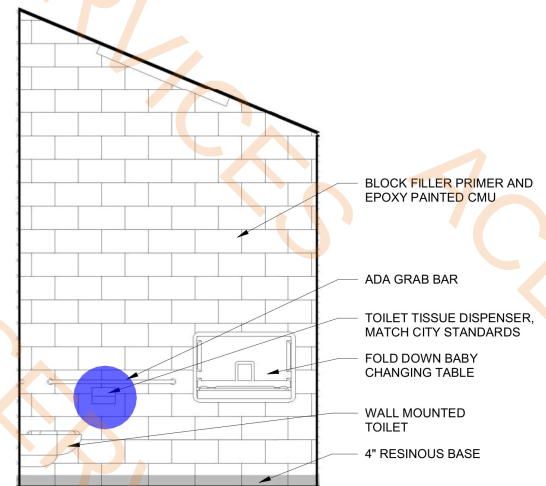
3 ELEVATION - MEN'S - SOUTH
3/8" = 1'-0"



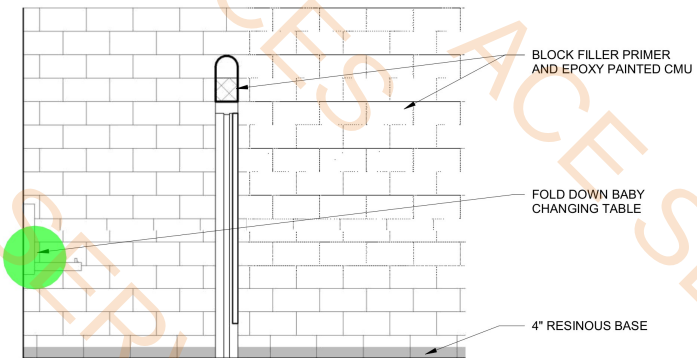
4 ELEVATION - MEN'S - WEST
3/8" = 1'-0"



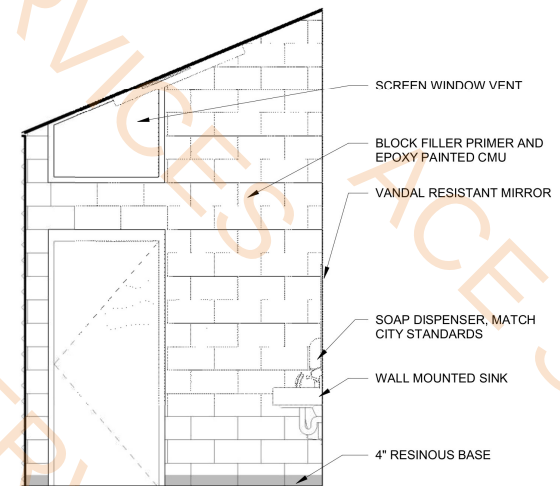
5 ELEVATION - WOMEN'S - NORTH
3/8" = 1'-0"



6 ELEVATION - WOMEN'S - EAST
3/8" = 1'-0"



7 ELEVATION - WOMEN'S - SOUTH
3/8" = 1'-0"



8 ELEVATION - WOMEN'S - WEST
3/8" = 1'-0"

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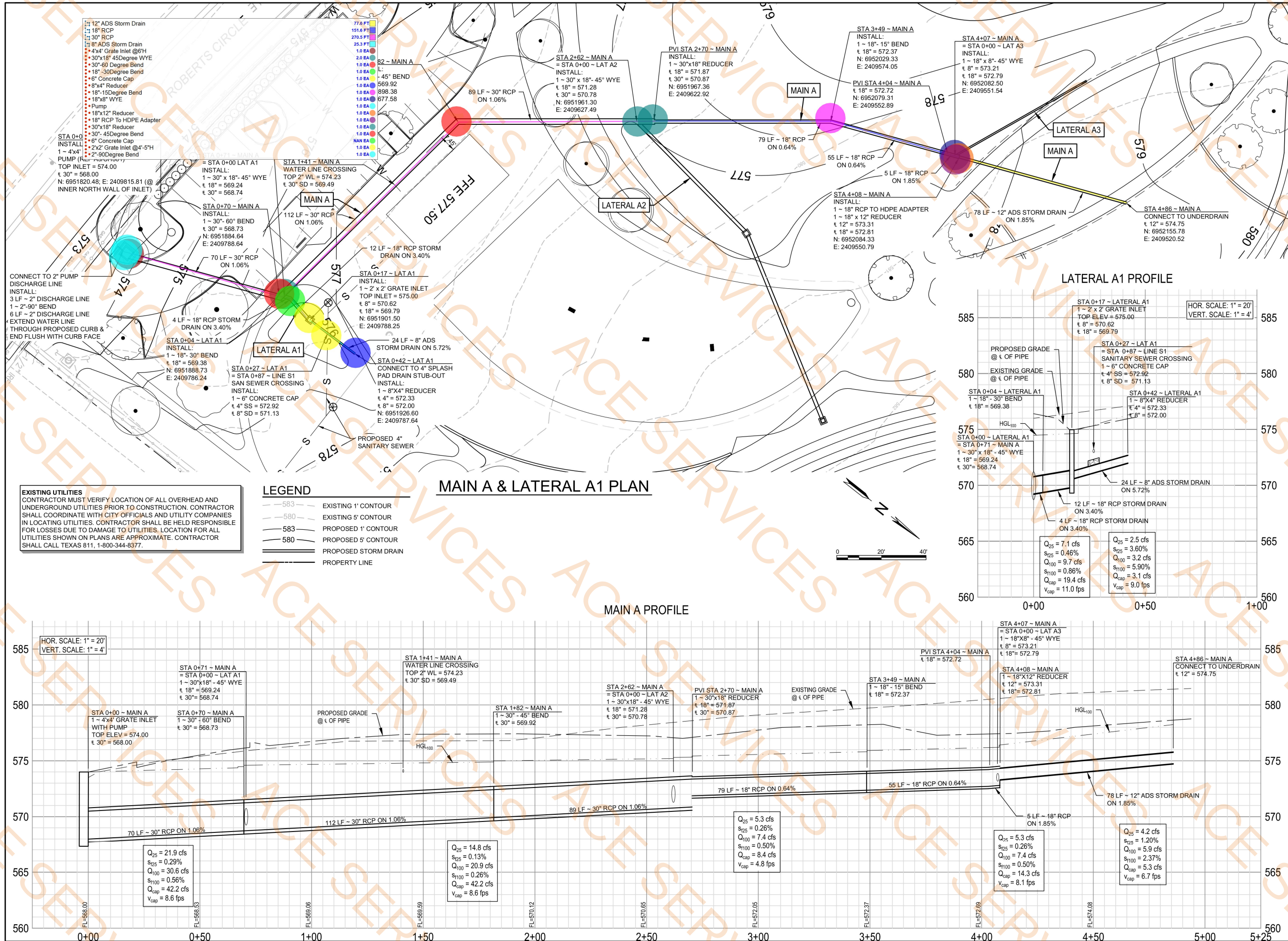
PROJECT NO.
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DATE DESCRIPTION

INTERIOR
ELEVATIONS
A3.02

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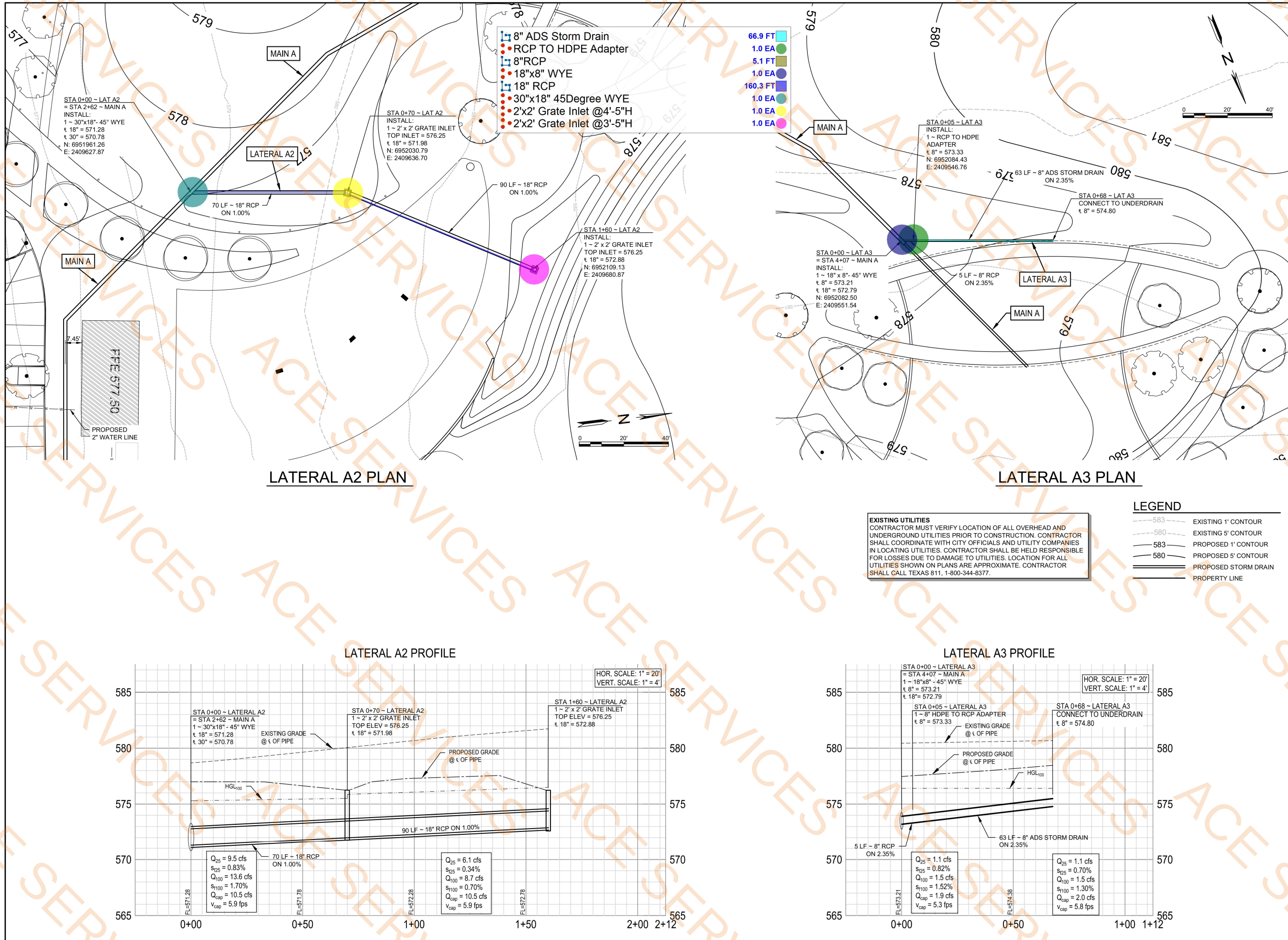
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41185.23

05/02/2025 Contract Documents
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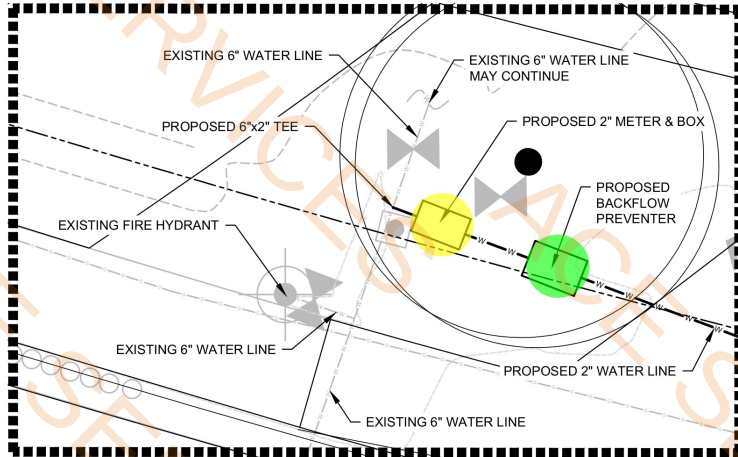
Storm Sewer
Plan-Profile
Main A and
Lateral A1

CH101

A:\2023\41185-2303_DSGN01_DWG\050_CIVIL\03_SHEETS\CH101_41185_STORMSEW_PP.DWG, 6/10/2025 4:22:30 PM, chadsail



EXCERPT A



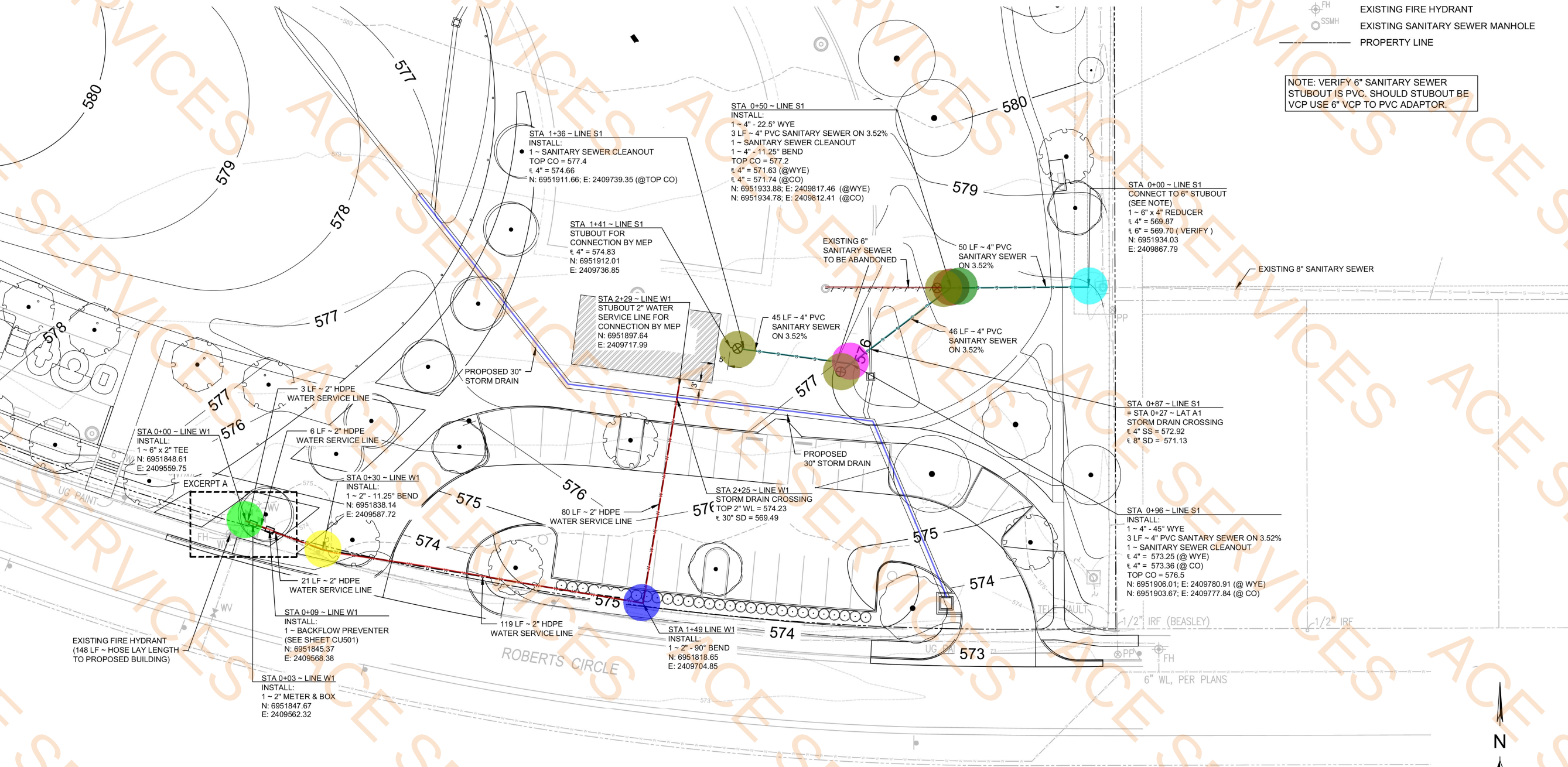
1/2" PVC Sanitary Sewer	166.1 FT
1/2" HDPE Water Service Line	266.6 FT
1" Backflow Preventer	1.0 EA
2" Meter & Box	1.0 EA
30" Storm Drain	206.6 FT
1/2" Tee	1.0 EA
2" 11 25 Degree Bend	1.0 EA
2" 90 Degree Bend	1.0 EA
4" 45 Degree WYE	1.0 EA
6" 4" Reducer	1.0 EA
4" 22 5 Degree WYE	1.0 EA
4" 11 25 Degree Bend	1.0 EA
4" Dia Cleanout	3.0 EA
6" Sanitary Sewer To Be Abandoned	42.6 FT

EXISTING UTILITIES
CONTRACTOR MUST VERIFY LOCATION OF ALL OVERHEAD AND UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION. CONTRACTOR SHALL COORDINATE WITH CITY OFFICIALS AND UTILITY COMPANIES IN LOCATING UTILITIES. CONTRACTOR SHALL BE HELD RESPONSIBLE FOR LOSSES DUE TO DAMAGE TO UTILITIES. LOCATION FOR ALL UTILITIES SHOWN ON PLANS ARE APPROXIMATE. CONTRACTOR SHALL CALL TEXAS 811, 1-800-344-8377.

LEGEND

--- 709 ---	EXISTING 1' CONTOUR
--- 710 ---	EXISTING 5' CONTOUR
--- 709 ---	PROPOSED 1' CONTOUR
--- 710 ---	PROPOSED 5' CONTOUR
— W — W —	EXISTING WATER LINE
— S — S —	EXISTING SANITARY SEWER LINE
— S — S —	EXISTING SANITARY SEWER LINE (TO BE ABANDONED)
— W — W —	PROPOSED WATER LINE
— S — S —	PROPOSED SANITARY SEWER LINE
⊗	PROPOSED CLEANOUT
⊕ FH	EXISTING FIRE HYDRANT
⊕ SSMH	EXISTING SANITARY SEWER MANHOLE
---	PROPERTY LINE

NOTE: VERIFY 6" SANITARY SEWER STUBOUT IS PVC. SHOULD STUBOUT BE VCP USE 6" VCP TO PVC ADAPTOR.



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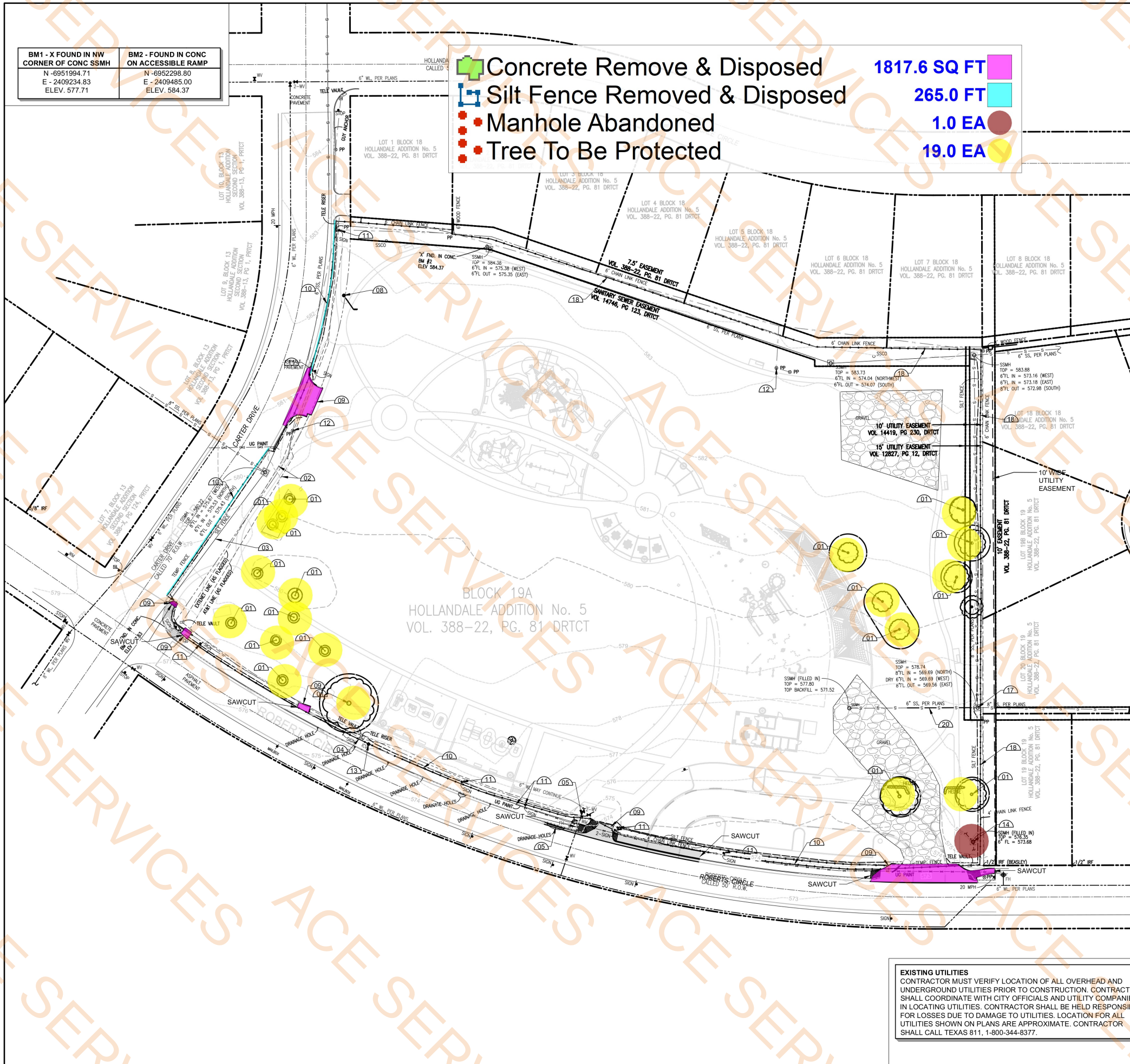
717 W. Main Street
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05/02/2025 Contract Documents
DATE DESCRIPTION

Utility Layout Plan

CU101



GENERAL DEMOLITION NOTES

EXAMINATION OF SITE OF WORK
BEFORE SUBMITTING A BID, EACH BIDDER SHALL CAREFULLY EXAMINE THE SITE OF WORK. EACH BIDDER SHALL INFORM HIMSELF/HERSELF PRIOR TO BIDDING AS TO THE EXISTING CONDITIONS AND LIMITATIONS UNDER WHICH THE WORK IS TO BE PERFORMED, AND SHALL INCLUDE IN HIS/HER BID A SUM TO COVER ALL COSTS OF ALL ITEMS NECESSARY TO PERFORM THE WORK AS SET FORTH IN THE CONTRACT DOCUMENTS. NO ALLOWANCE WILL BE MADE TO ANY BIDDER BECAUSE OF LACK OF SUCH EXAMINATION OR KNOWLEDGE. THE SUBMISSION OF A BID SHALL BE CONSTRUED AS CONCLUSIVE EVIDENCE THAT THE BIDDER IS SUFFICIENTLY FAMILIAR WITH ALL RELEVANT CONDITIONS.

DEMOLITION

1. THE CONTRACTOR SHALL NOT ASSUME THAT UTILITIES ARE PRECISELY LOCATED. UTILITIES ARE SHOWN TO HELP MAKE THE CONTRACTOR AWARE OF THEIR EXISTENCE. THIS MEASURE IS TAKEN TO HELP PROTECT THE INVESTMENTS AND SERVICES OF THE OWNERS, OF THE UTILITIES AND THEIR CUSTOMERS. THE CONTRACTOR SHALL CALL TEXAS 811 FOR HELP IN LOCATING UTILITIES.
2. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE AND VERIFY THE EXACT LOCATION AND DEPTH OF ALL EXISTING UTILITIES PRIOR TO PROCEEDING WITH CONSTRUCTION. THE CONTRACTOR SHALL ASCERTAIN WHETHER ANY ADDITIONAL UTILITIES OR FACILITIES, OTHER THAN THOSE SHOWN ON THE PLANS, MAY BE PRESENT ON THE SITE OF THE WORK.
3. PRIOR TO PROCEEDING WITH CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE OWNER OR A/E IF CONFLICTS OR POTENTIAL CONFLICTS OCCUR BETWEEN EXISTING UTILITIES AND THE PROPOSED CONSTRUCTION.
4. PRIOR TO PROCEEDING WITH CONSTRUCTION, THE CONTRACTOR SHALL COORDINATE WITH APPROPRIATE UTILITY OWNER OR CITY OF GRAND PRAIRIE PRIOR TO DEMOLITION ACTIVITIES. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PRESERVE AND PROTECT ALL UTILITIES.
5. THE CONTRACTOR WILL IMMEDIATELY NOTIFY THE UTILITY OWNER AND MAKE RESTITUTION FOR ANY UTILITY THAT IS DAMAGED BY THE CONTRACTOR DURING THE COURSE OF THE WORK.
6. THE CONTRACTOR WILL IMMEDIATELY NOTIFY THE OWNER AND MAKE RESTITUTION FOR ANY DAMAGE TO THE EXISTING FACILITIES BY THE CONTRACTOR DURING THE COURSE OF THE WORK.
7. COORDINATE DEMOLITION PHASING WITH CIVIL, LANDSCAPE, STRUCTURAL AND ELECTRICAL DISCIPLINES.
8. ALL TREES TO REMAIN UNLESS OTHERWISE NOTED.
9. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MISCELLANEOUS REPAIRS DUE TO DEMOLITION ACTIVITIES.
10. TREE PROTECTION SHALL BE A PRIORITY THROUGHOUT CONSTRUCTION.

NOTE:
DISPOSAL OF ALL EXCESS/WASTE MATERIALS IS TO BE MADE AT A REGISTERED LANDFILL.

DEMOLITION NOTES

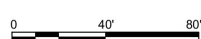
- REMOVE EXISTING CONSTRUCTION AS INDICATED BY: (00)
1. EXISTING TREE TO BE PROTECTED PER SHEET LX500
 2. EXISTING UNDERGROUND COMMUNICATION LINES TO BE PROTECTED DURING CONSTRUCTION
 3. EXISTING SANITARY SEWER TO BE PROTECTED DURING CONSTRUCTION
 4. EXISTING TELEPHONE VAULT & RISER TO BE PROTECTED DURING CONSTRUCTION
 5. EXISTING DOMESTIC WATER LINE TAP TO BE PROTECTED DURING CONSTRUCTION
 6. EXISTING SIDEWALK TO BE PROTECTED DURING CONSTRUCTION
 7. "DELETED"
 8. "DELETED"
 9. EXISTING CONCRETE TO BE REMOVED AND DISPOSED
 10. EXISTING FENCE TO BE REMOVED AND DISPOSED
 11. EXISTING TRAFFIC SIGNS TO BE REMOVED BY OWNER
 12. EXISTING POWER POLE REMOVAL BY OTHERS
 13. EXISTING WATER METER BOX
 14. EXISTING STORM DRAIN MANHOLE TO BE ABANDONED PER CIVIL SHEETS
 15. EXISTING SANITARY SEWER MANHOLE & SERVICE LINE TO BE ABANDONED PER CIVIL SHEETS
 16. SAWCUT & REMOVE CONCRETE CURB AND GUTTER & STORM DRAIN PIPES TO EDGE OF SIDEWALK
 17. EXISTING MANHOLE TO BE PROTECTED
 18. EXISTING FENCE TO BE PROTECTED DURING CONSTRUCTION
 19. "DELETED"
 20. EXISTING 50 LF OF 6" SANITARY SEWER, PER CIVIL SHEETS

EXISTING CONDITIONS & REMOVAL LEGEND

- PROPERTY LINE
- EXISTING TREE TO BE PROTECTED
- CONCRETE TO BE REMOVED
- EXISTING CONTOURS



CONTRACTOR IS RESPONSIBLE TO CONTACT UTILITIES & ONE CALL SYSTEM 14 DAYS PRIOR TO DIGGING. ALL SECTIONS DIGEST @ 1-800-344-8377 HTTPS://TEXAS811.ORG



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PROJECT NO.
41185.23

05/02/2025 Contract Documents

DATE DESCRIPTION

Existing
Conditions &
Removal Plan

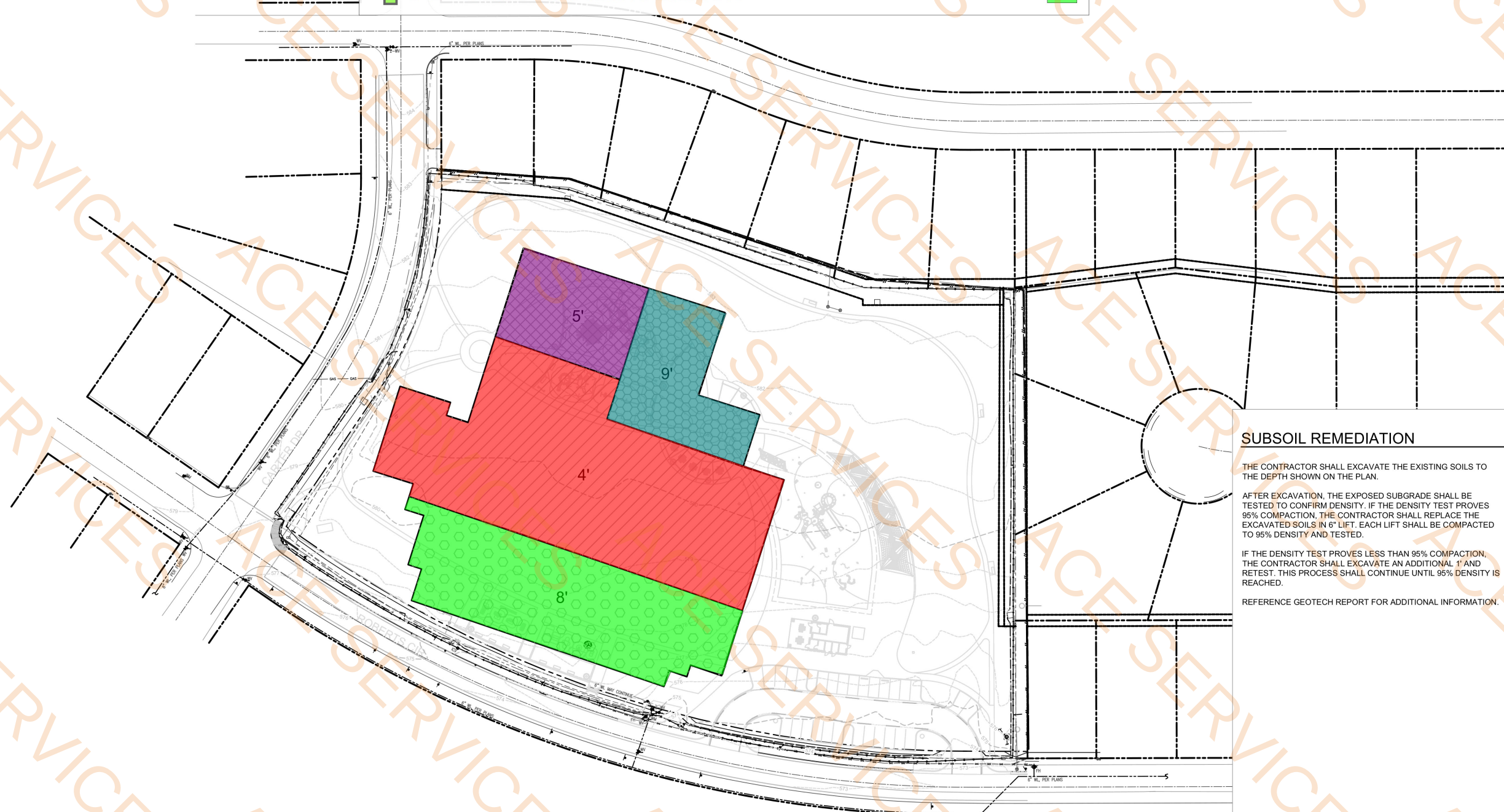
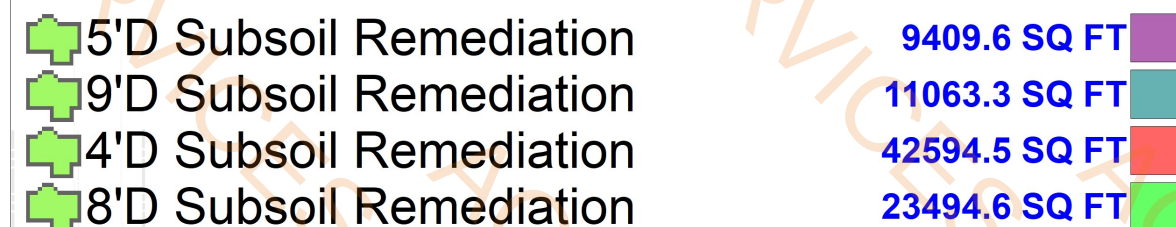
LX100



PROJECT NO.
41185.23

#	DATE	DESCRIPTION
-	05/02/2025	Contract Documents

LX101



THE CONTRACTOR SHALL EXCAVATE THE EXISTING SOILS TO THE DEPTH SHOWN ON THE PLAN.

AFTER EXCAVATION, THE EXPOSED SUBGRADE SHALL BE TESTED TO CONFIRM DENSITY. IF THE DENSITY TEST PROVES 95% COMPACTION, THE CONTRACTOR SHALL REPLACE THE EXCAVATED SOILS IN 6" LIFT. EACH LIFT SHALL BE COMPACTED TO 95% DENSITY AND TESTED.

IF THE DENSITY TEST PROVES LESS THAN 95% COMPACTION, THE CONTRACTOR SHALL EXCAVATE AN ADDITIONAL 1' AND RETEST. THIS PROCESS SHALL CONTINUE UNTIL 95% DENSITY IS REACHED.

REFERENCE GEOTECH REPORT FOR ADDITIONAL INFORMATION

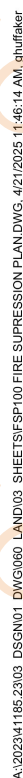


0 50' 10

PROJECT NO.
41185.23

-	05/02/2025	Contract Documents
#	DATE	DESCRIPTION

FSP100



A:\2023\41185-23003_DSGN01_LAND03_SHEETS\LC100 CONSTRUCTION LAYOUT.DWG, 7/6/2025 3:57:18 PM, H.parker

NOTE:
THE PLAYGROUND EQUIPMENT AND SAFETY SURFACING WILL BE PURCHASED BY THE OWNER AND DELIVERED TO THE SITE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR UNLOADING THE MATERIALS FROM THE TRUCK, STORING THE MATERIALS IN A SECURE LOCATION, AND INSTALLING THE EQUIPMENT AND SURFACING PER THE MANUFACTURERS RECOMMENDATIONS.

CONSTRUCTION OF THE SPLASH PAD SHALL RUN CONCURRENT WITH CONSTRUCTION OF THE PARK. THE GENERAL CONTRACTOR SHALL COORDINATE WITH SPLASH PAD CONTRACTOR TO ENSURE ACCESS TO THE SITE, ACCESS TO THE BUILDING. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR:

- CONSTRUCTING THE RESTROOM BUILDING
 - DOMESTIC WATER SERVICE TO THE BUILDING
 - SANITARY WATER SEPARATE TO THE BUILDING
 - SHADE STRUCTURE
 - ALL 5" CONCRETE PAVING
 - ALL ELECTRIC
 - CONSTRUCTION WATER
 - TEMPORARY CONSTRUCTION
- Decomposed Granite Surfacing
 - Trash Receptacle
 - Bench
 - Crushed Stone Surface
 - Concrete Mow Strip
 - 5" Vehicle Concrete Paving
 - Accessible Concrete Curb Ramp
 - Fire Lane Striping
 - 4" W x 9" L White Pain Strip
 - Octopus Trash Receptacle
 - Picnic Table
 - 7" Vehicle Concrete Paving
 - Monolithic Curb With Gutter
 - Concrete Steps
 - Accessible Curb Ramp
 - Monument Sign

THE CONSTRUCTION OF THE SPLASH PAD SHALL BE BY OTHERS BY SEPARATE CONTRACT WITH THE CITY OF ARLINGTON. THE SPLASH PAD CONTRACTOR SHALL BE RESPONSIBLE FOR:

- SUBGRADE PREPARATION INCLUDING OVER EXCAVATION, MOISTURE CONDITIONING, SELECT FILL, MOISTURE BARRIER, SUB DRAIN, ETC. UNDER THE SPLASH PAD AND RESTROOM BUILDING AS SHOWN ON SHEET LC101 SUBGRADE PREPARATION PLAN.
- SURFACE MOUNTED PLAY COMPONENTS
- PUMPING RELATED SPECIFICALLY TO SPLASH PAD
- STRUCTURAL SLAB
- ALL CONTROLS, PUMPS, FILTERS, ETC. IN THE PUMP ROOM
- UNDERGROUND SURGE TANK
- 5" THICK CONCRETE PAVING
- CONCRETE SURFACING

CONSTRUCTION NOTES

EXAMINATION OF SITE WORK

BEFORE SUBMITTING A BID, EACH BIDDER SHALL CAREFULLY EXAMINE THE SITE OF WORK. EACH BIDDER SHALL INFORM HIMSELF/HERSELF PRIOR TO BIDDING AS TO THE EXISTING CONDITIONS AND LIMITATIONS UNDER WHICH THE WORK IS TO BE PERFORMED, AND SHALL INCLUDE IN HIS/HER BID A SUM TO COVER ALL COSTS OF ITEMS NECESSARY TO PERFORM THE WORK AS SET FORTH IN THE CONTRACT DOCUMENTS. NO ALLOWANCE WILL BE MADE TO ANY BIDDER BECAUSE OF LACK OF KNOWLEDGE OR KNOWLEDGE. THE SUBMISSION OF A BID SHALL BE CONSIDERED AS CONCLUSIVE EVIDENCE THAT THE BIDDER IS SUFFICIENTLY FAMILIAR WITH ALL RELEVANT CONDITIONS.

CONCRETE FORMWORK AND REINFORCEMENT

CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE A MINIMUM OF 48 HOURS PRIOR TO THE PLANNED PLACEMENT OF CONCRETE. THE OWNER'S REPRESENTATIVE MUST HAVE OBSERVED AND APPROVED THE FORMWORK AND REINFORCEMENT PRIOR TO ANY PLACEMENT OF CONCRETE.

CONCRETE FINISH AND SAW JOINTS

CONTRACTOR SHALL PROVIDE AND MAINTAIN ON THE SITE SAMPLE PANELS OF CONCRETE 4' X 4' IN SIZE FOR EACH FINISH OF CONCRETE PAVEMENT. THE SURFACE FINISHES SHALL BE AS APPROVED BY THE OWNER'S REPRESENTATIVE. ANY CONCRETE PLACED WITH AN IMPROPER FINISH SHALL BE REMOVED AND REPLACED AT THE CONTRACTOR'S EXPENSE. ALL SAW JOINTS SHALL BE SAWS WITHIN 24 HOURS OF CONCRETE PLACEMENT. ANY CONCRETE SAWS LATER THAN THIS WHICH ARE IN THE OPINION OF THE OWNER'S REPRESENTATIVE, HAS EXCESSIVE SHRINKAGE CRACKS DUE TO NOT HAVING BEEN SAWS SOON ENOUGH, SHALL BE REMOVED AND REPLACED AT THE CONTRACTOR'S EXPENSE.

ALIGNMENT AND TANGENCY OF PAVEMENTS

THE EDGES OF ALL FINISHED PAVING SHALL BE STRAIGHT OR SMOOTH CURVES (AS DELINEATED ON THE PLANS) WITH NO INTERRUPTIONS SUCH AS CHORDS, WAVES, JOGS, OR MISSED TANGENTS. PAVEMENT WITH SUCH INTERRUPTION SHALL BE REMOVED.

CITY STANDARDS

ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH THE CITY STANDARD SPECIFICATIONS, AND THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.

DIMENSIONS

DIMENSIONS ARE TO BACKS OF CURBS, TO CENTERLINES OF FENCES, OR TO EDGES OF PAVEMENTS, UNLESS OTHERWISE INDICATED. WRITTEN AND NUMBERED DIMENSIONS HOLD PRECEDENCE OVER SCALED DIMENSIONS.

ADJUSTMENTS

IF THE CONTRACTOR BELIEVES IT IS NECESSARY TO MAKE AN ADJUSTMENT IN THE LAYOUT OR GRADE OF PROPOSED IMPROVEMENTS, SUCH AN ADJUSTMENT SHALL BE PROPOSED TO THE OWNER'S REPRESENTATIVE. NO ADJUSTMENT WILL BE PERMITTED UNTIL IT HAS FIRST BEEN APPROVED BY THE OWNER'S REPRESENTATIVE.

KEY NOTES

AS INDICATED BY: (00)

1. 5' & 7' VEHICULAR CONC PAVING PER DET A1/LD500
2. 5' PEDESTRIAN CONC PAVING PER DET B1/LD500
3. POUR-IN-PLACE RUBBER SURFACING PER DET C3/LD500
4. CONC CURB & GUTTER PER DET A1/LD500
5. PAVING AT STRUCTURAL SLAB PER DET. D1/LD500
6. CONNECTION TO EX. CONC. PER DET. D2/LD500
7. CURB & SIDEWALK CONNECTION PER DET. D2/LD501
8. DECOMPOSED GRANITE SURFACING PER DET. C1/LD500
9. CRUSHED STONE SURFACING PER DET. A4/LD505
10. ACCESSIBLE CURB RAMP PER CITY STANDARDS
11. ACCESSIBLE PARKING PER B2/LD501
12. PARKING LOT STRIPING AS SPEC'D
13. FIRE LANE STRIPING PER DET. C1/LD501
14. CONCRETE WHEELSTOP PER DET. A3/LD501
15. CONCRETE DRIVE APPROACH PER DET. A1/LD501
16. 'OCTOPUS' TRASH RECEPTACLE PER SHT. LD505
17. CONC. PLAYGROUND CURB PER DET. A4/LD500
18. MONUMENT SIGN PER SHEET LD508
19. RESTROOM BUILDING REF ARCH SHEETS
20. 20X72'-2" SIERRA MODEL SHADE STRUCTURE PER SHEETS LD502
21. 20X49'-9" SIERRA MODEL SHADE STRUCTURE PER SHEET LD503
22. JOINED SAILS SHADE STRUCTURE PER SHEET LD506
23. PICNIC TABLE PER SHT LD505
24. BENCH PER SHT LD505
25. TRASH RECEPTACLE PER SHT LD505
26. 42" TALL BOLLARD LIGHT FIXTURES RE: ELECTRICAL SHEETS
27. 16" TALL PEDESTRIAN LIGHT FIXTURES RE: ELECTRICAL SHEETS
28. 25' TALL PARKING LOT LIGHT POLE RE: ELECTRICAL SHEETS
29. AREA DRAIN RE: CIVIL SHEETS
30. SIDEWALK CURB PER SHEET D2/LD501
31. GUNITE STABILIZED SLOPE PER SHEET B3/LD500
32. 4" PLAYGROUND UNDER DRAIN PER SHEET C2/LD500
33. ADS END CAPS AS SPEC'D
34. 4" SOLID ADS PIPE REF CIVIL SHEET FOR CONTINUATION
35. CONC. MOW STRIP PER DET. B4/LD500
36. UNDERGROUND SURGE TANK REF SHEETS
37. EXERCISE EQUIPMENT REF SHEET LC106
38. PARK RULES SIGN PER DET C1/LD504
39. CONCRETE STEPS PER DET A3/LD504

EXISTING UTILITIES

CONTRACTOR MUST VERIFY LOCATION OF ALL OVERHEAD AND UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION. CONTRACTOR SHALL COORDINATE WITH CITY OFFICIALS AND UTILITY COMPANIES IN LOCATING UTILITIES. CONTRACTOR SHALL BE HELD RESPONSIBLE FOR LOSSES DUE TO DAMAGE TO UTILITIES. LOCATION FOR ALL UTILITIES SHOWN ON PLANS ARE APPROXIMATE. CONTRACTOR SHALL CALL TEXAS 811, 1-800-344-8377.

PARKING CALCULATION TABLE

Calculations performed based on the Parking Generation Manual, 5th Edition, from the Institute of Transportation Engineers as stated in Section 5.4 of the Unified Development Code.	
Helen Wessler Park	5.10 AC
Public Park Calculation	x 0.47 Parking Spaces per 1 acre
	5.10 (47)
I.T.E. RECOMMENDED TOTAL:	3
TOTAL PARKING PROVIDED:	28



Parkhill



Parkhill.com

Helen Wessler Park

2401 Roberts Circle

Arlington, Texas



CLIENT

City Of Arlington

717 W. Main Street
Arlington, TX 76013

PROJECT NO.

41185.23

05/02/2025 CONTRACT DOCUMENTS

DATE DESCRIPTION

Construction
Layout

LC100

A:\2023\41185-23\03_DSGN\01_DWG\060_LAND\03_SHEETS\LP100 PLANTING PLAN.DWG, 4/14/2025 11:16:00 AM, ghufaker

3" Mulch
Root Barrier

167984.9 SQ FT
437.9 FT

PLANT SCHEDULE

SYMBOL	CODE	QTY	BOTANICAL / COMMON NAME	CONTAINER	HEIGHT
TREES					
	PC	12	PISTACIA CHINENSIS CHINESE PISTACHE	3" CALIPER	12' MIN
	QA	3	QUERCUS ACUMINATA CHINKAPIN OAK	3" CALIPER	12' MIN
	QB	18	QUERCUS BUCKLEYI BUCKLEY OAK	3" CALIPER	12' MIN
	UC	20	ULMUS CRASSIFOLIA CEDAR ELM	3" CALIPER	12' MIN
	UA	7	ULMUS PARVIFOLIA 'ALLEE' ALLEE® LACEBARK ELM	3" CALIPER	12' MIN
		19	EXISTING TREE		
SYMBOL	CODE	QTY	BOTANICAL / COMMON NAME	CONTAINER	HEIGHT
SHRUBS					
	HP	30	HESPERALOE PARVIFLORA RED YUCCA	5 GAL	
SYMBOL	CODE	QTY	BOTANICAL / COMMON NAME	CONTAINER	HEIGHT
GROUND COVERS					
	CD	112,891 SF	CYNODON DACTYLON BERMUDAGRASS TIF 419	SOD	

PLANTING GENERAL NOTES:

- ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE CITY OF SOUTHLAKE STANDARDS.
- THE LANDSCAPE CONTRACTOR SHALL REFER TO THE CONTRACT AND SPECIFICATIONS FOR REQUIREMENTS NOT LISTED HEREIN.
- THE CONTRACTOR SHALL LOCATE AND VERIFY THE EXISTENCE OF ALL UTILITIES PRIOR TO STARTING WORK.
- THE CONTRACTOR SHALL SUPPLY ALL PLANT MATERIALS IN QUANTITIES SUFFICIENT TO COMPLETE THE PLANTING PLAN SHOWN ON ALL DRAWINGS. PLANT COUNTS AND SQUARE FOOTAGES ARE PROVIDED AS A COURTESY ONLY.
- ALL PLANT MATERIAL SHALL CONFORM TO THE GUIDELINES ESTABLISHED BY THE CURRENT AMERICAN STANDARD FOR NURSERY STOCK, PUBLISHED BY THE AMERICAN ASSOCIATION OF NURSERYMEN OR EQUIVALENT.
- IN THE CASE OF A DISCREPANCY BETWEEN THE CONTAINER SIZE CALLED OUT IN PLANT LIST AND THE CALIPER AND HEIGHT OF PLANT MATERIAL, THE SPECIFIED TREE MUST MEET THE CALIPER AND HEIGHT REQUIREMENTS SPECIFIED, EVEN IF THE LARGER CONTAINER SIZE IS REQUIRED TO MEET THESE SPECIFICATIONS AT NO ADDITIONAL COST TO THE OWNER.
- ALL PLANTS TO BE GROWN AS SPECIFIED. NO CONTAINER GROWN STOCK WILL BE ACCEPTED IF IT IS ROOT BOUND.
- WITH CONTAINER GROWN STOCK, THE CONTAINER SHALL BE REMOVED AND THE PLANT BALL SHALL BE CUT THROUGH THE SURFACE IN TWO VERTICAL LOCATIONS.
- LANDSCAPE CONTRACTOR SHALL LOCATE THE SOURCE OF AND SELECT ALL PLANTS FOR APPROVAL BY THE PROJECT LANDSCAPE ARCHITECT.
- ALL PLANT MATERIALS SHALL BE APPROVED PRIOR TO DELIVERY AT THE NURSERIES OR SUPPLIERS BY THE PROJECT LANDSCAPE ARCHITECT.
- IF ANY SOURCE OF PLANTS IS LOCATED FURTHER THAN 30 MILES FROM THE PROJECT SITE THE CONTRACTOR WILL BE REQUIRED TO PAY TIME AND TRAVEL EXPENSES INCURRED BY THE PROJECT LANDSCAPE ARCHITECT.
- ALL PLANTS TAGGED AS APPROVED AT NURSERY OR SUPPLIER SHALL BEAR THE SAME TAG WHEN DELIVERED ON SITE.
- THE RIGHT TO REJECT PLANT MATERIALS DELIVERED TO THE SITE THAT DO NOT BEAR APPROVAL TAGS IS RESERVED BY THE PROJECT LANDSCAPE ARCHITECT.
- IN AREAS WHERE PAVING SUBGRADES AND BUILDING PADS EXTEND INTO PLANT BED AREAS, 6 INCH HOLES SHALL BE DRILLED EVERY 3 FEET AND FILLED WITH 1 INCH DIAMETER GRAVEL TO PROVIDE PERCOLATION AND DRAINAGE FOR THE PLANTING BED. HOLES SHALL BE DRILLED THROUGH IMPROVED SUBGRADES INTO EXISTING SITE SOILS BUT NO DEEPER THAN FOUR FEET.
- ALL PLANTING BEDS TO RECEIVE 2 INCHES OF BACK TO EARTH COMPOST PER SQUARE FOOT AND 1 POUND OF A 4(N):1(P):2(K) RATIO FERTILIZER PER 100 SQUARE FEET. BOTH MATERIALS SHALL BE INCORPORATED INTO THE SOIL TO A DEPTH OF 12 INCHES.
- ALL FINAL PLANTING BED GRADES IN AREAS WHERE ORGANIC AND/OR INORGANIC MULCH IS BEING APPLIED SHOULD BE 3 INCHES BELOW ADJACENT HARD SURFACES.
- NO PLANT SHALL BE PUT INTO THE GROUND BEFORE ROUGH GRADING IS COMPLETE AND APPROVED BY THE PROJECT LANDSCAPE ARCHITECT.
- ALL PLANTS SHALL BEAR THE SAME RELATIONSHIP TO FINISHED GRADE AS THE PLANT'S ORIGINAL GRADE BEFORE DIGGING OR AS ESTABLISHED IN CONTAINER.
- ALL PLANTS SHALL BE INSTALLED AS PER DETAILS.
- ALL PLANTS SHALL BE WATERED THOROUGHLY TWICE DURING THE FIRST 24 HOURS PERIOD AFTER PLANTING. ALL PLANTS SHALL THEN BE WATERED WEEKLY OR MORE OFTEN AS NEEDED DURING THE FIRST GROWING SEASON.
- ALL PLANTING BEDS TO RECEIVE ORGANIC AND/OR INORGANIC MULCH MATERIALS AS NOTED ON PLANS.
- THE DAY PRIOR TO PLANTING, THE LOCATION OF ALL TREES AND SHRUBS SHALL BE STAKED FOR APPROVAL BY THE LANDSCAPE ARCHITECT.
- THE CONTRACTOR SHALL PRUNE ALL BRANCHES 6 FEET ABOVE FINISH GRADE ON ALL DECIDUOUS TREES 12 FEET OR TALLER.
- AREAS TO BE FILLED WITH INORGANIC MULCHES WITH A DIAMETER LESS THAN 1/4 INCH IN SIZE SHALL BE COMPACTED TO 85% PROCTOR DENSITY BEFORE MULCH IS PLACED.
- THE SITE SHALL BE FINE GRADED PRIOR TO ANY PLANT INSTALLATION. ANY AREAS DISTURBED BY PLANTING SHALL BE REGRADED AND SMOOTHED PRIOR TO GRASS PLANTING.
- SOD SHALL BE USED AROUND DRAIN INLETS (5' BUFFER) AND IN AREAS WHERE THE SLOPE EXCEEDS 20% (1:5) UNLESS THE AREA IS A PLANTING BED.
- CONTRACTOR SHALL ESTABLISH GRASS ON ALL AREAS DISTURBED BY CONSTRUCTION, AS SPECIFIED.

EXISTING UTILITIES

CONTRACTOR MUST VERIFY LOCATION OF ALL OVERHEAD AND UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION. CONTRACTOR SHALL COORDINATE WITH CITY OFFICIALS AND UTILITY COMPANIES IN LOCATING UTILITIES. CONTRACTOR SHALL BE HELD RESPONSIBLE FOR LOSSES DUE TO DAMAGE TO UTILITIES. LOCATION FOR ALL UTILITIES SHOWN ON PLANS ARE APPROXIMATE. CONTRACTOR SHALL CALL TEXAS 811, 1-800-344-8377.



0 40' 80'

Parkhill



05/02/2025

Parkhill.com

Helen Wessler Park

2401 Roberts Circle

Arlington, Texas



CLIENT

City Of Arlington

717 W. Main Street
Arlington, TX 76013

PROJECT NO.

41185.23

05/02/2025 Contract Documents

DATE DESCRIPTION

Planting
Plan

LP100

A:\2023\41185.23\03_DSGN\01_DWG\060_LAND\03_SHEETS\LC102 PLAYGROUND ENLARGEMENT DWG, 7/6/2025 3:25:45 PM, Hpanker

- Rubber Surfacing
- Concrete Curb
- Gunnite Slope

10106.0 SQ FT
367.9 FT
1359.0 SQ FT

EXISTING UTILITIES
CONTRACTOR MUST VERIFY LOCATION OF ALL OVERHEAD AND UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION. CONTRACTOR SHALL COORDINATE WITH CITY OFFICIALS AND UTILITY COMPANIES IN LOCATING UTILITIES. CONTRACTOR SHALL BE HELD RESPONSIBLE FOR LOSSES DUE TO DAMAGE TO UTILITIES. LOCATION FOR ALL UTILITIES SHOWN ON PLANS ARE APPROXIMATE. CONTRACTOR SHALL CALL TEXAS 811, 1-800-344-8377.

NOTE:
THE PLAYGROUND EQUIPMENT AND SAFETY SURFACING WILL BE PURCHASED BY THE OWNER AND DELIVERED TO THE SITE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR UNLOADING THE MATERIALS FROM THE TRUCK, STORING THE MATERIALS IN A SECURE LOCATION, AND INSTALLING THE EQUIPMENT AND SURFACING PER THE MANUFACTURERS RECOMMENDATIONS.

KEY NOTES

- AS INDICATED BY: (00)
- 5' & 7" VEHICULAR CONC PAVING PER DET A1/LD500
 - 5' PEDESTRIAN CONC PAVING PER DET B1/LD500
 - POUR-IN-PLACE RUBBER SURFACING PER DET C3/LD500
 - CONC CURB & GUTTER PER DET A1/LD500
 - PAVING AT STRUCTURAL SLAB PER DET. D1/LD500
 - CONNECTION TO EX. CONC. PER DET. D2/LD500
 - CURB & SIDEWALK CONNECTION PER DET. D2/LD501
 - DECOMPOSED GRANITE SURFACING PER DET. C1/LD500
 - CRUSHED STONE SURFACING PER DET. A4/LD505
 - ACCESSIBLE CURB RAMP PER CITY STANDARDS
 - ACCESSIBLE PARKING PER B2/LD501
 - PARKING LOT STRIPING AS SPEC'D
 - FIRE LANE STRIPING PER DET. C1/LD501
 - CONCRETE WHEELSTOP PER DET. A3/LD501
 - CONCRETE DRIVE APPROACH PER DET. A1/LD501
 - 'OCTOPUS' TRASH RECEPTACLE PER SHT. LD505
 - CONC. PLAYGROUND CURB PER DET. A4/LD500
 - MONUMENT SIGN PER SHEET LD508
 - RESTROOM BUILDING REF ARCH SHEETS
 - 20X72'-2" SIERRA MODEL SHADE STRUCTURE PER SHEETS LD502
 - 20X49'-9" SIERRA MODEL SHADE STRUCTURE PER SHEET LD503
 - JOINED SAILS SHADE STRUCTURE PER SHEET LD506
 - PICNIC TABLE PER SHT LD505
 - BENCH PER SHT LD505
 - TRASH RECEPTACLE PER SHT LD505
 - 42" TALL BOLLARD LIGHT FIXTURES RE: ELECTRICAL SHEETS
 - 16' TALL PEDESTRIAN LIGHT FIXTURES RE: ELECTRICAL SHEETS
 - 25' TALL PARKING LOT LIGHT POLE RE: ELECTRICAL SHEETS
 - AREA DRAIN RE: CIVIL SHEETS
 - SIDEWALK CURB PER SHEET D2/LD501
 - GUNITE STABILIZED SLOPE PER SHEET B3/LD500
 - 4" PLAYGROUND UNDER DRAIN PER SHEET C2/LD500
 - ADS END CAPS AS SPEC'D
 - 4" SOLID ADS PIPE REF CIVIL SHEET FOR CONTINUATION
 - CONC. MOW STRIP PER DET. B4/LD500
 - UNDERGROUND SURGE TANK REF SHEETS
 - EXERCISE EQUIPMENT REF SHEET LC106
 - PARK RULES SIGN PER DET C1/LD504
 - CONCRETE STEPS PER DET A3/LD504

SPLASHPAD PAVING COLOR LEGEND

- POUR-IN-PLACE RUBBER SURFACING COLOR 'A'
- POUR-IN-PLACE RUBBER SURFACING COLOR 'B'

Parkhill



Parkhill.com

Helen Wessler Park
2401 Roberts Circle
Arlington, Texas



CLIENT
City Of Arlington
717 W. Main Street
Arlington, TX 76013

PROJECT NO.
41185.23

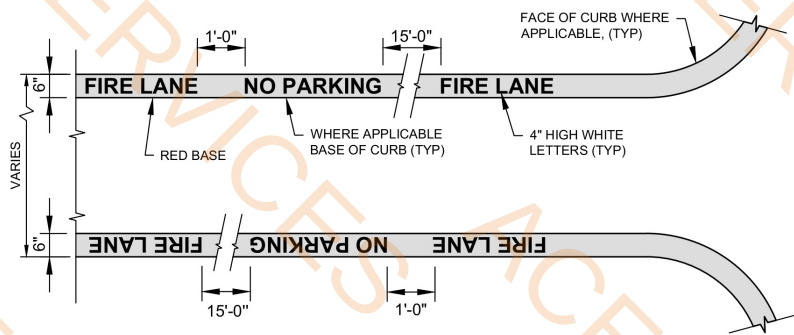
05/02/2025 CONTRACT DOCUMENTS
DATE DESCRIPTION

Enlarged
Playground
Layout
LC102



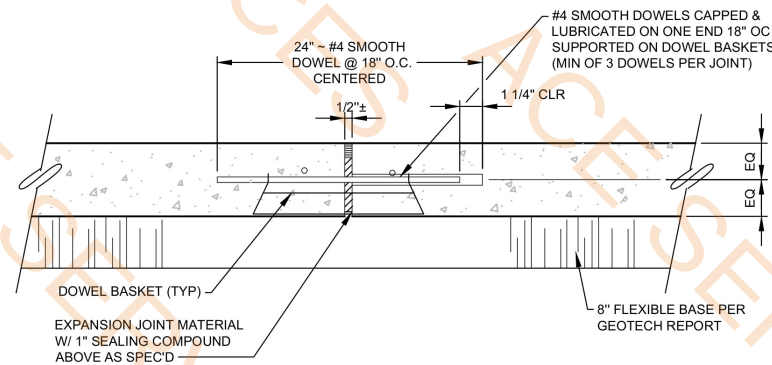
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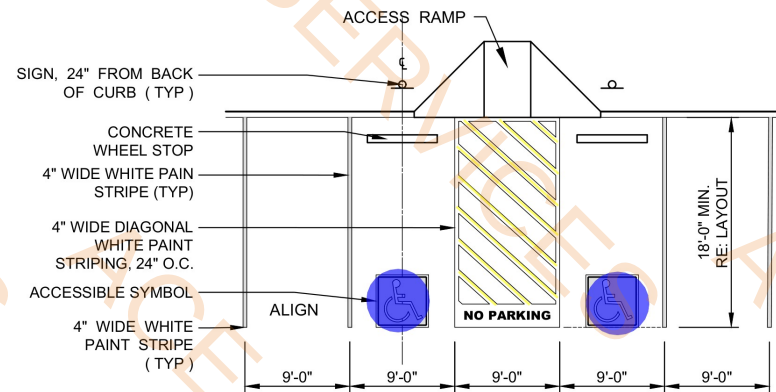


- NOTES:**
- "FIRE LANE NO PARKING" TO BE PAINTED ENTIRE LENGTH OF DEDICATED FIRE LANE.
 - FIRE LANE MARKINGS SHALL BE PLACED UPON THE VERTICAL SURFACE OF CURBS, WHEN CURBS ARE PRESENT.
 - WHERE THE ABOVE FIRE LANE MARKINGS ARE DETERMINED TO BE INADEQUATE IN CONTROLLING TRAFFIC, THE PROPERTY OWNER WILL BE REQUIRED TO POST FIRE LANE SIGNS IN ADDITION TO OTHER FIRE LANE MARKINGS.
 - CITY STANDARDS FOR FIRE LANE STRIPING WILL SUPERSEDE THIS DETAIL.

C1 TYPICAL FIRE LANE MARKINGS
1/2"=1'-0" PVMT_FIRE_LANE



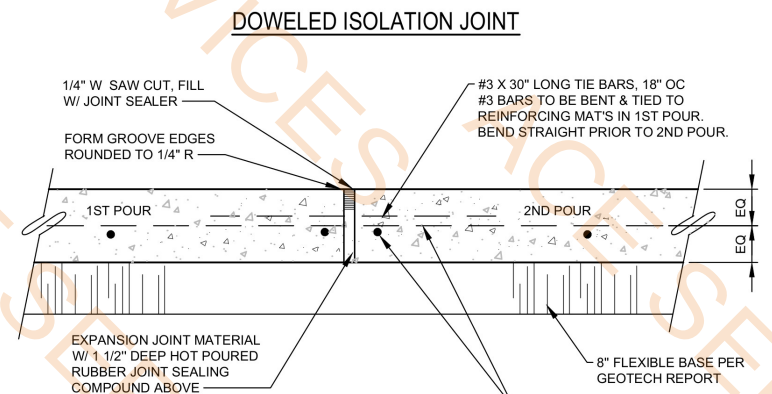
D2 CURB & SIDEWALK CONNECTION
1 1/2"=1'-0" PVMT_CONC_SDWK_CURB_CON



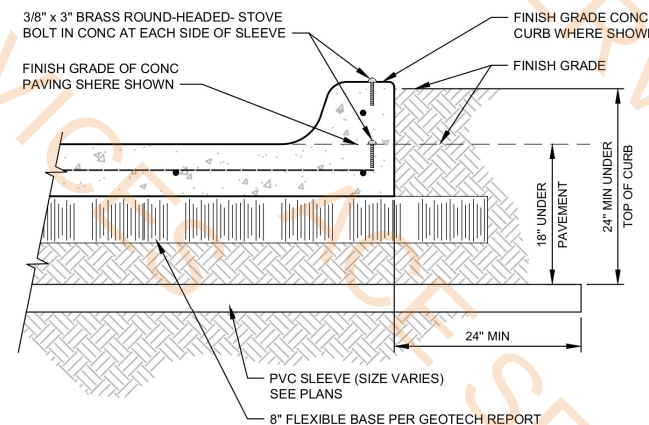
- NOTES:**
- RAMP LOCATION PER CONSTRUCTION LAYOUT.
 - ACCESSIBLE RAMP SLOPE 12:1 MAX.
 - RAMP LANDING 2% MAX CROSS SLOPE.



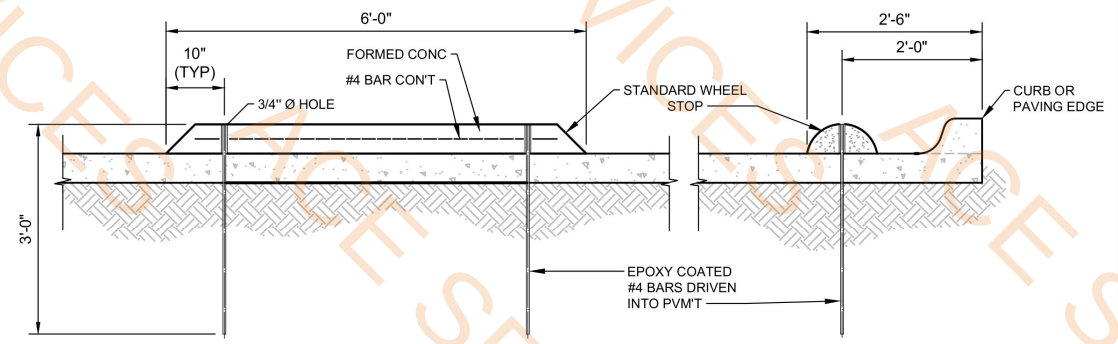
B2 ACCESSIBLE PARKING LAYOUT & SIGN (TYPICAL)
1"=10'-0" ACC_PRKN_10FT_SPAC_SIGN.dwg



A1 VEHICULAR PAVEMENT DETAILS
1"=1'-0" PVMT_PARK_JNT_DET



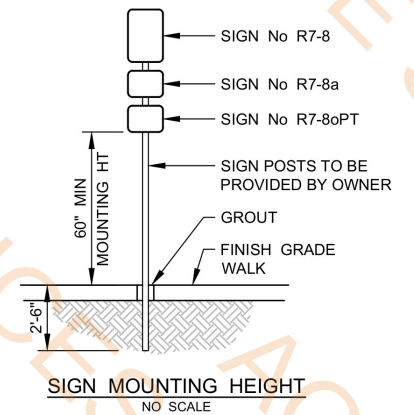
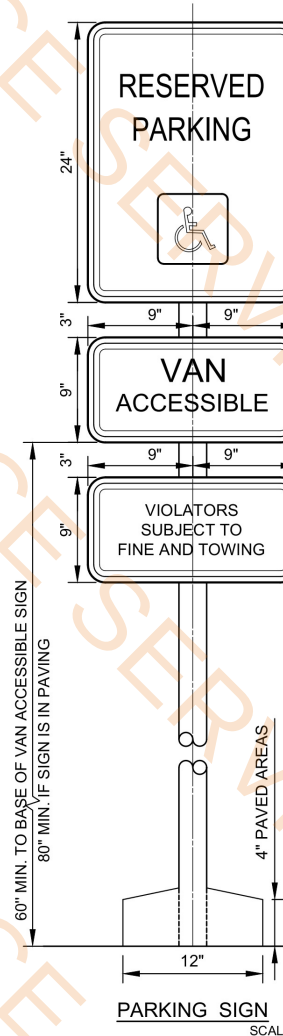
A2 SLEEVE / SLEEVE MARKER
1"=1'-0" PVMT_SLEEVE_MARKER



A3 CONCRETE WHEEL STOP
3/4"=1'-0" PVMT_WHEEL_STOP

Diagonal Striping Accessible Symbol

84.7 FT
2.0 EA



- NOTES:**
- ALL SIGN HARDWARE TO BE GALVANIZED.
- COLORS:**
- SIGN No. R7-8;
LEGEND & BORDER - GREEN
BACKGROUND - WHITE
WHITE SYMBOL ON BLUE BACKGROUND
 - SIGN No. R7-8a;
LEGEND & BORDER - GREEN
BACKGROUND - WHITE
- SIGN MOUNTING HEIGHT:**
- 60" MINIMUM FROM FINISH GRADE TO BOTTOM OF SIGN VAN ACCESSIBLE
 - 90" MAXIMUM FROM FINISH GRADE TO TOP OF SIGN

Parkhill



Parkhill.com

Helen Wessler Park
2401 Roberts Circle
Arlington, Texas



CLIENT
City Of Arlington
717 W. Main Street
Arlington, TX 76013

PROJECT NO.
41185.23

DATE DESCRIPTION
05/02/2025 Contract Documents

Site
Details
LD501

—



4.5 FT
12.3 FT





Helen Wessler Park
2401 Roberts Circle
Arlington, Texas



CLIENT
City Of Arlington
717 W. Main Street
Arlington, TX 76013

PROJECT NO.
41185.23

05/02/2025 Contract Documents
DATE DESCRIPTION

Sign
Details
LD509



City of Arlington
Parks & Recreation
Planning Division
717 W. Main Street Arlington, Texas 76013

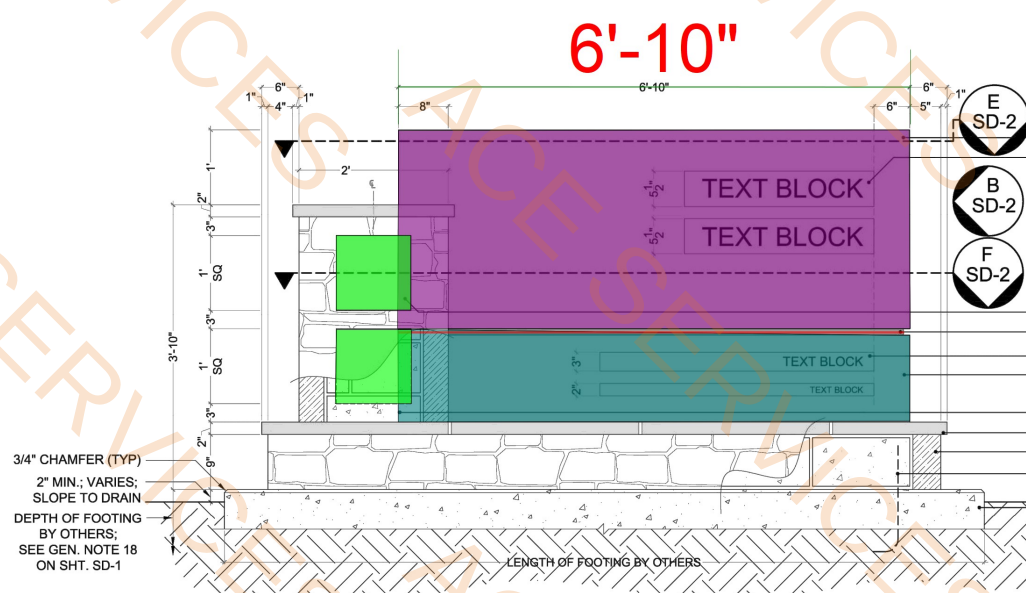
Construction Documents for:
PARK MONUMENT SIGNS
MEDIUM SIGN



DRAWN BY: BNM
CHECKED BY: JPL / IT
DATE: 16 MAY 2012
REVISIONS:
NO. DATE

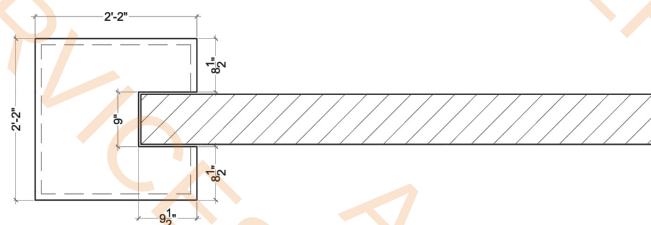
SHEET:
SD-2
DETAILS

6'-10"

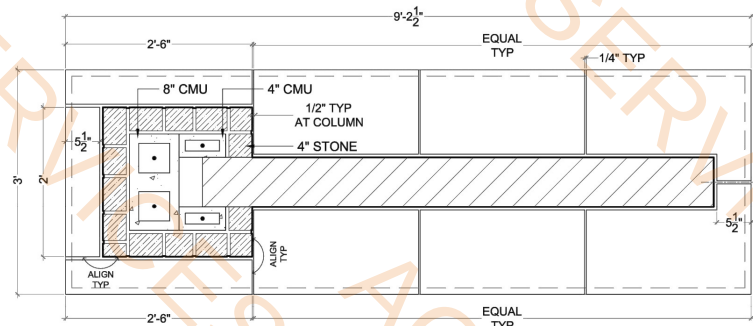


A ELEVATION
SCALE: 1" = 1'-0"

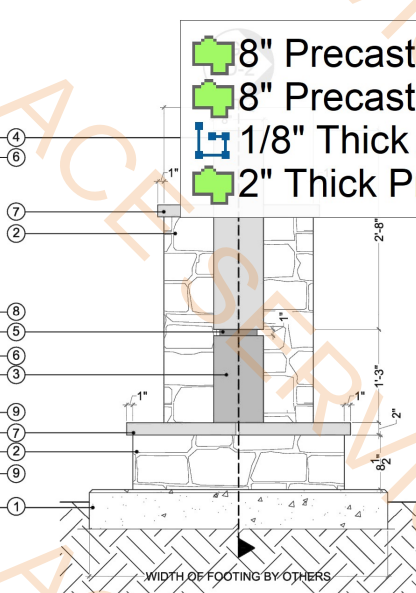
****IMPORTANT NOTE****
LOCATIONS OF REBAR IN DETAILS ARE APPROXIMATE AND DIAGRAMMATIC. THEY ARE NOT MEANT TO DICTATE EXACT PLACEMENT. SEE DETAIL NOTE 9 FOR MORE INFORMATION.
****IMPORTANT NOTE****
SEE SHEET SD-1 FOR GENERAL & KEYED NOTES



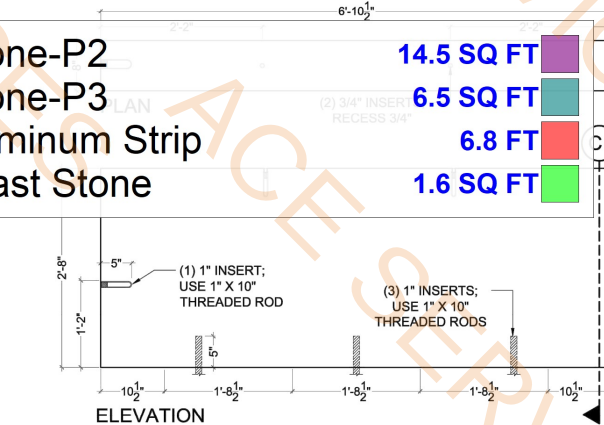
E PLAN: Column
SCALE: 1" = 1'-0"



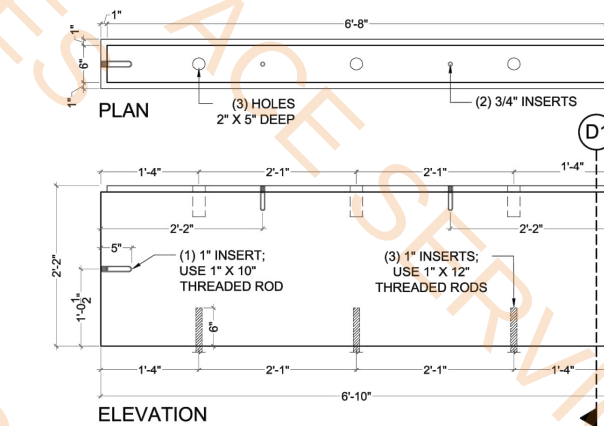
F SECTION: Column & Cast Stone Caps
SCALE: 1" = 1'-0"



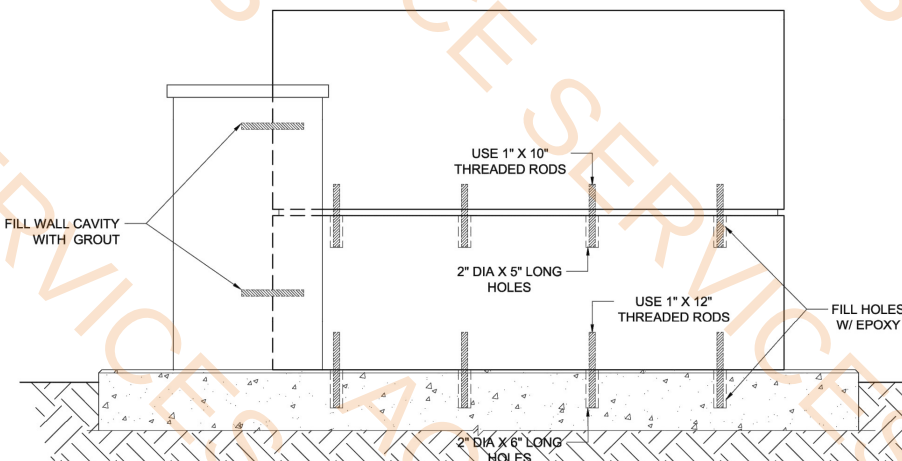
B ELEVATION
SCALE: 1" = 1'-0"



C DETAIL: Upper Cast Stone Piece
SCALE: 1" = 1'-0"

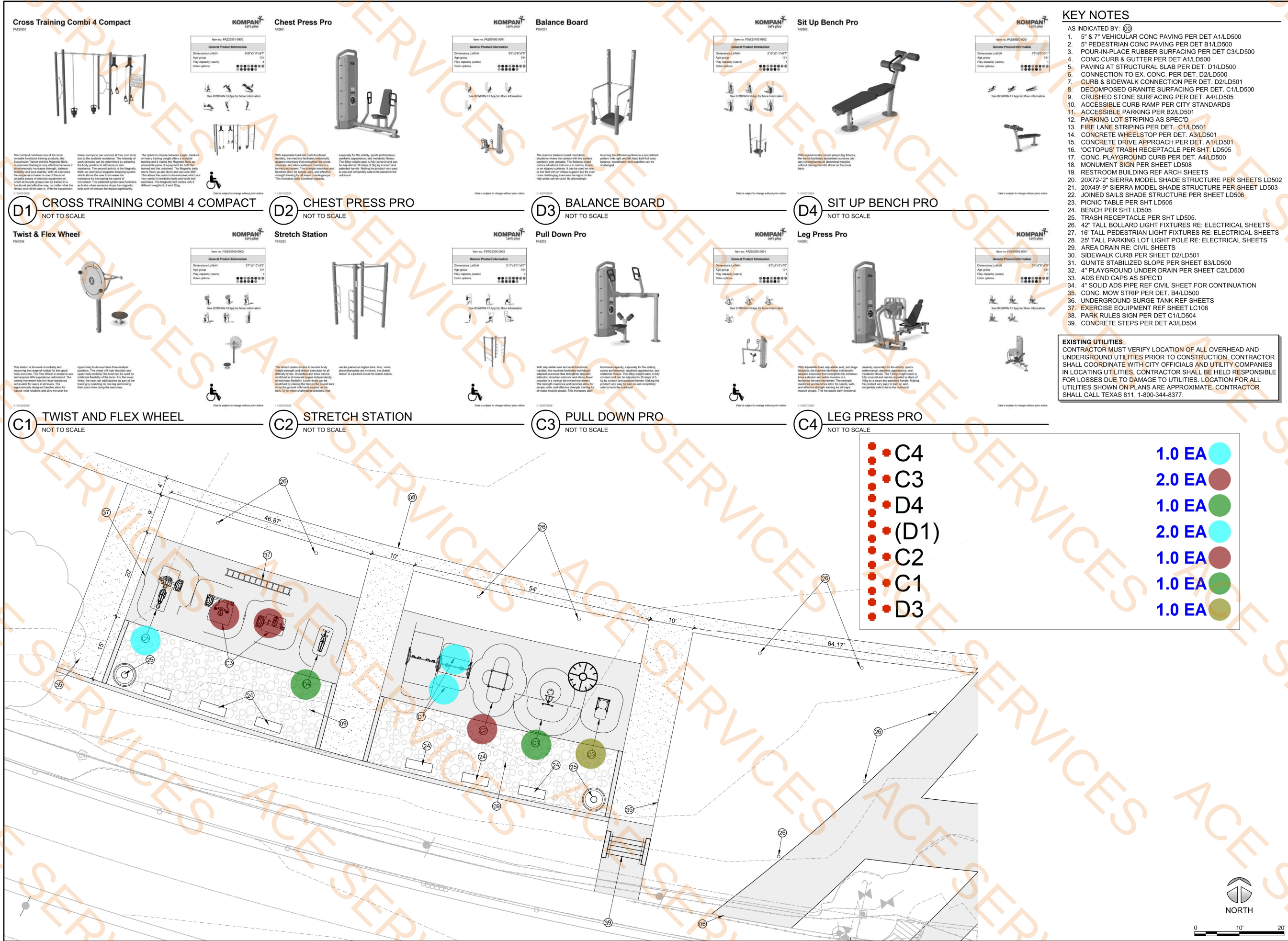


D DETAIL: Lower Cast Stone Piece
SCALE: 1" = 1'-0"



G SECTION: Cast Stone Connections
SCALE: 1" = 1'-0"

A:\2023\41185-23\03_DSGN01_LAND\03_SHEETS\LC106 EXERCISE EQUIP ENLARGEMENT.DWG, 4/22/2025 3:11:27 PM, ghufaker



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Helen Wessler Park

2401 Roberts Circle

Arlington, Texas



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City Of Arlington

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Arlington, TX 76013

PROJECT NO.
41185.23

05/02/2025 Contract Documents
DATE DESCRIPTION

Enlarged Exercise
Equipment
Layout
LC106



Helen Wessler Park
2401 Roberts Circle
 Arlington, Texas

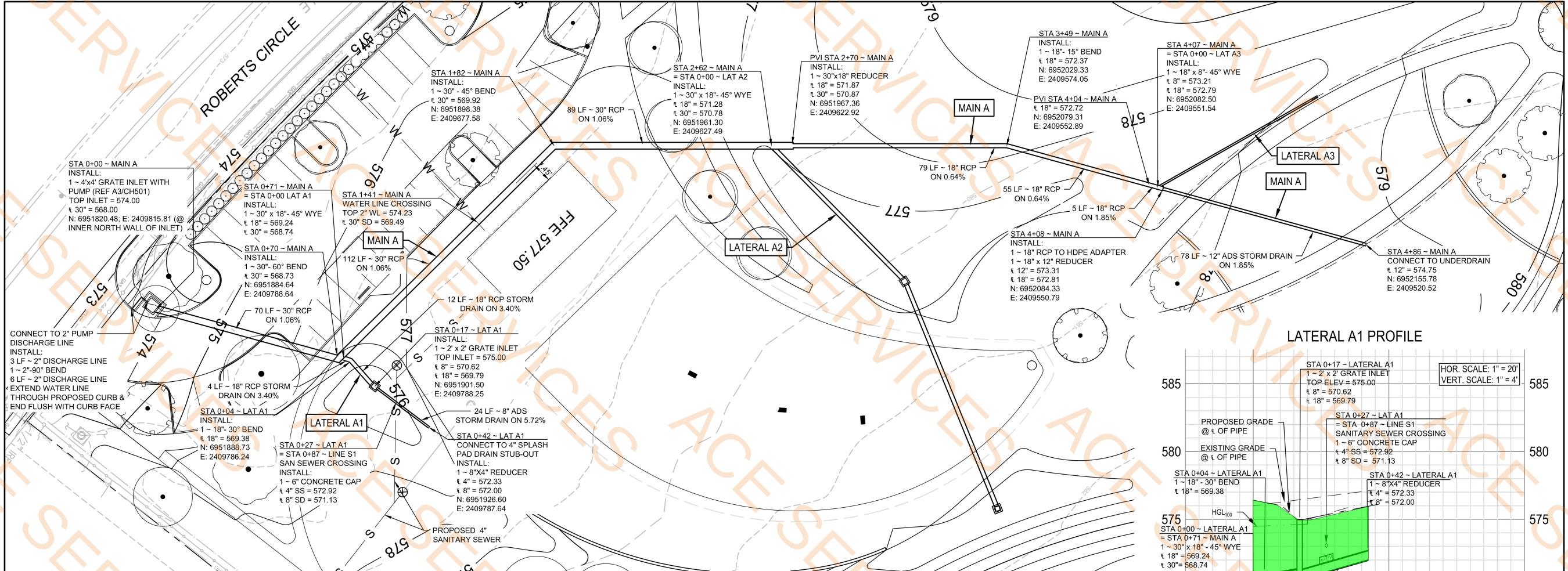


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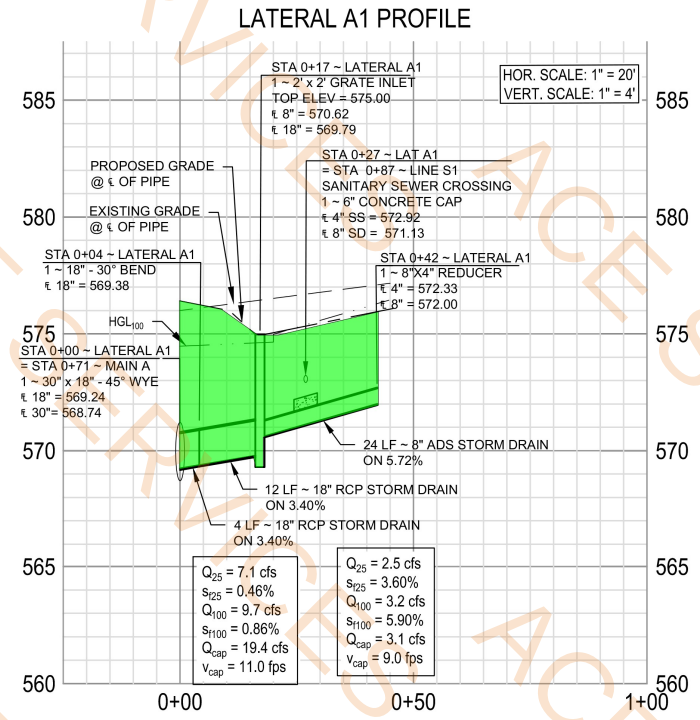
PROJECT NO.
 41185.23

#	DATE	DESCRIPTION
-	05/02/2025	Contract Documents

**Storm Sewer
 Plan-Profile
 Main A and
 Lateral A1**
CH101



MAIN A & LATERAL A1 PLAN



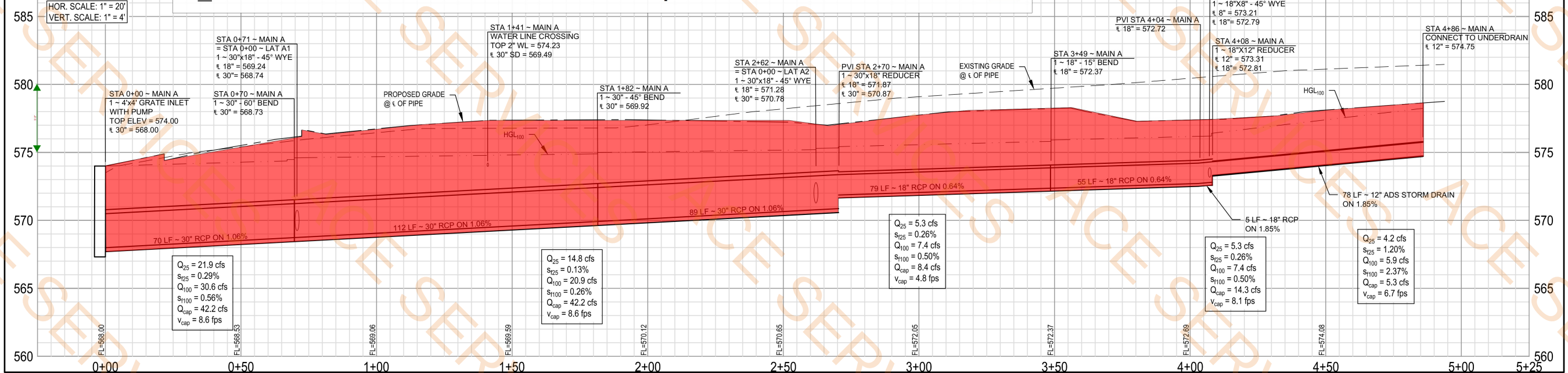
LATERAL A1 PROFILE

EXISTING UTILITIES
 CONTRACTOR MUST VERIFY LOCATION OF ALL OVERHEAD AND UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION. CONTRACTOR SHALL COORDINATE WITH CITY OFFICIALS AND UTILITY COMPANIES IN LOCATING UTILITIES. CONTRACTOR SHALL BE HELD RESPONSIBLE FOR LOSSES DUE TO DAMAGE TO UTILITIES. LOCATION FOR ALL UTILITIES SHOWN ON PLANS ARE APPROXIMATE. CONTRACTOR SHALL CALL TEXAS 811, 1-800-344-8377.

- LEGEND**
- 583 — EXISTING 1' CONTOUR
 - 580 — EXISTING 5' CONTOUR
 - 583 — PROPOSED 1' CONTOUR
 - 580 — PROPOSED 5' CONTOUR
 - — PROPOSED STORM DRAIN
 - — PROPERTY LINE

Excavation For Storm Main A Pipe
Excavation For Storm Lateral A Pipe

3098.6 SQ FT
215.2 SQ FT





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Arlington, Texas

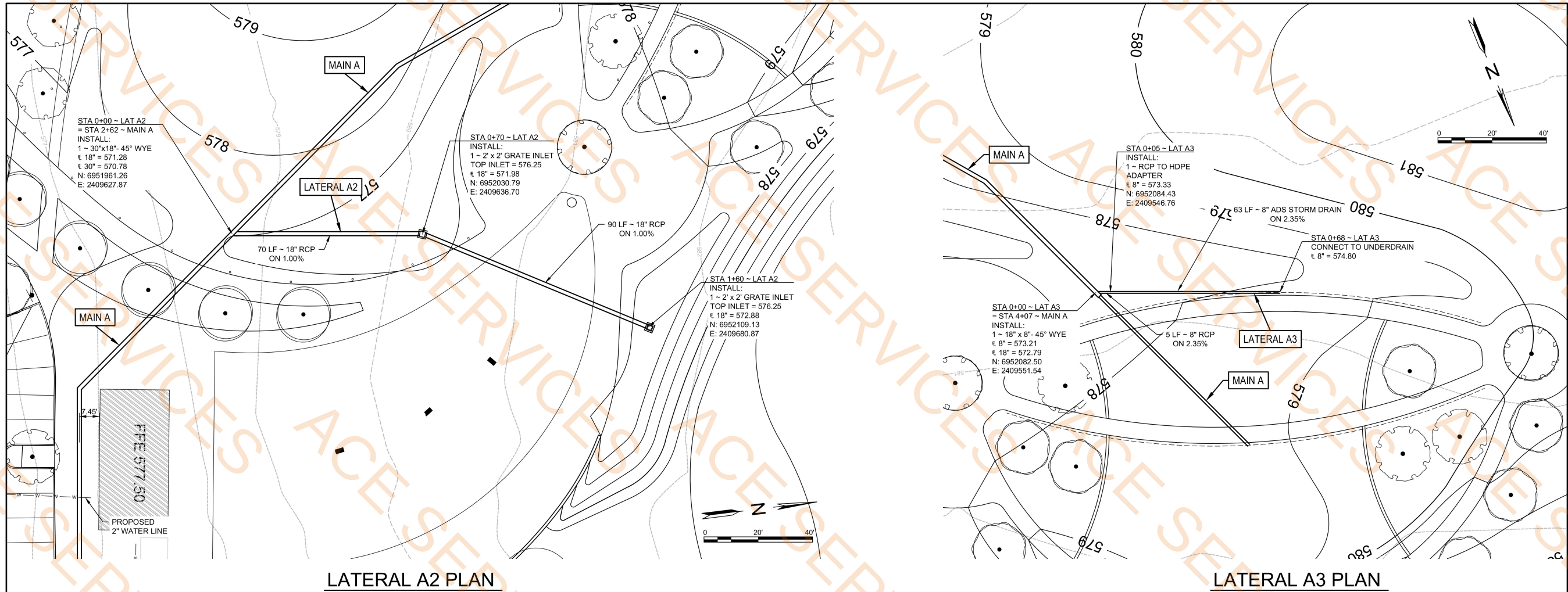


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PROJECT NO.
41185.23

05/02/2025 Contract Documents
DATE DESCRIPTION

Storm Sewer
Plan - Profile
Laterals A2 & A3
CH102

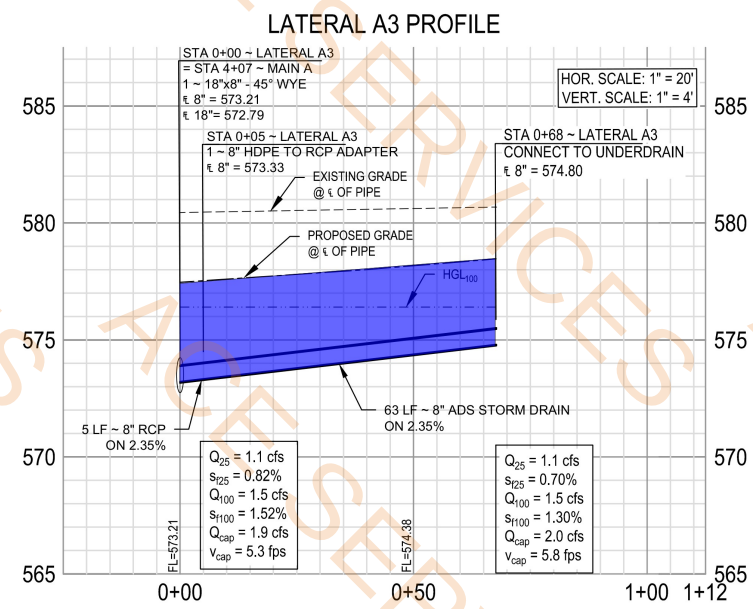
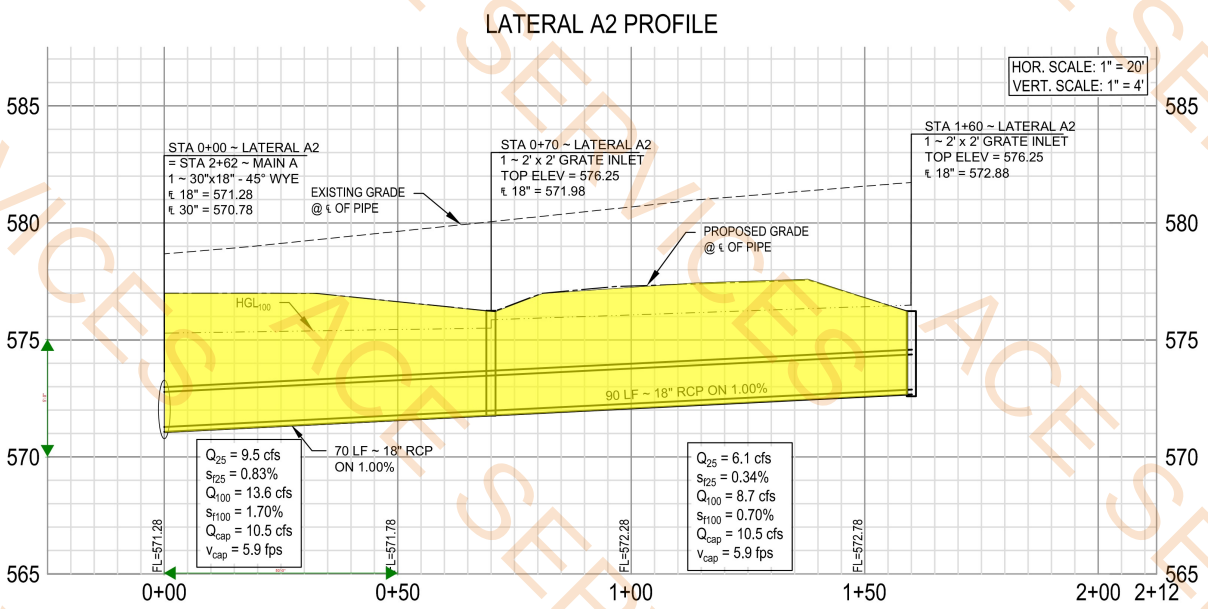


Excavation For Storm Lateral A2 Pipe
Excavation For Storm Lateral A3 Pipe

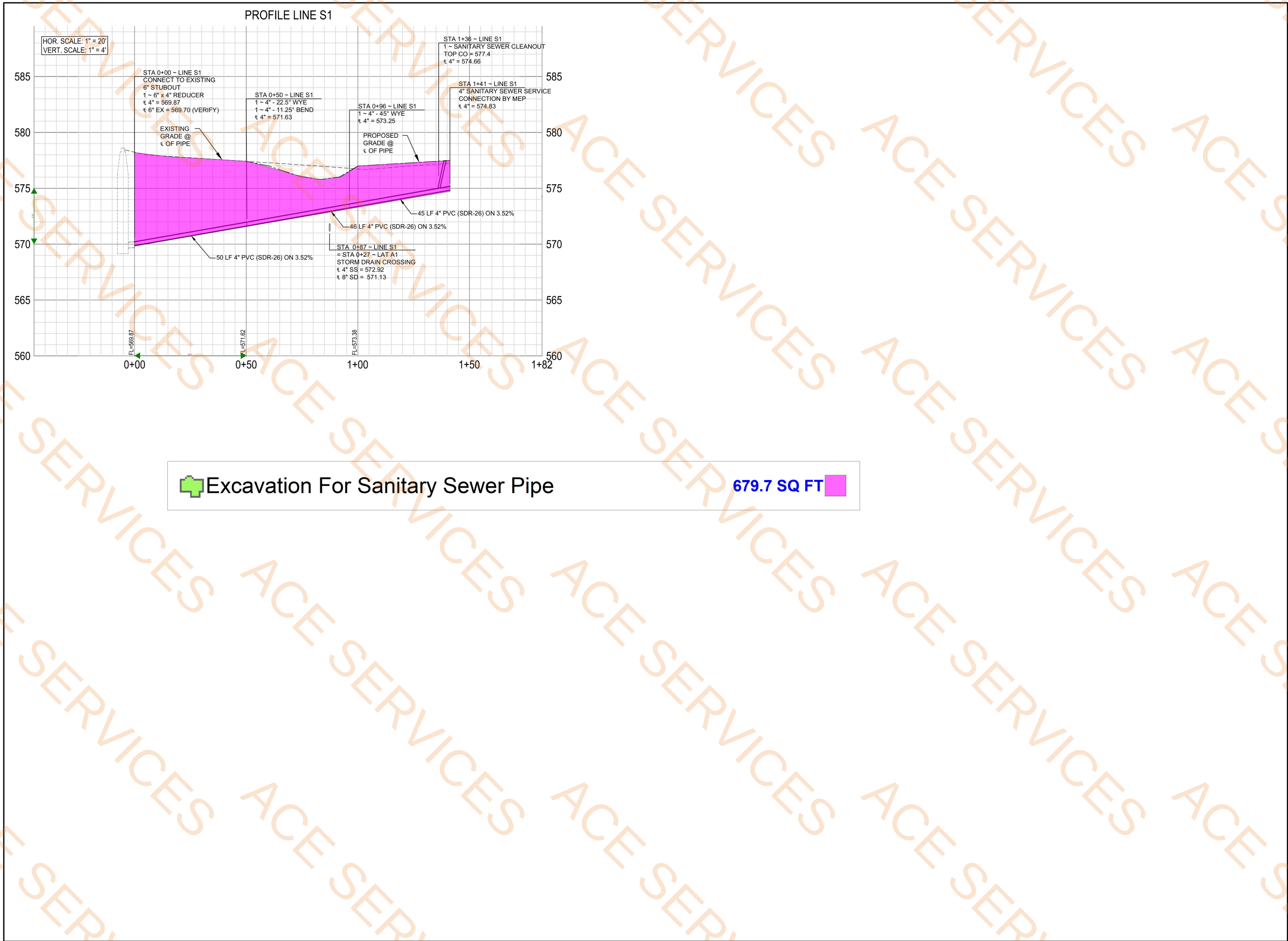
813.4 SQ FT
268.4 SQ FT

EXISTING UTILITIES
CONTRACTOR MUST VERIFY LOCATION OF ALL OVERHEAD AND UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION. CONTRACTOR SHALL COORDINATE WITH CITY OFFICIALS AND UTILITY COMPANIES IN LOCATING UTILITIES. CONTRACTOR SHALL BE HELD RESPONSIBLE FOR LOSSES DUE TO DAMAGE TO UTILITIES. LOCATION FOR ALL UTILITIES SHOWN ON PLANS ARE APPROXIMATE. CONTRACTOR SHALL CALL TEXAS 811, 1-800-344-8377.

- LEGEND**
- 583- EXISTING 1' CONTOUR
 - 580- EXISTING 5' CONTOUR
 - 583- PROPOSED 1' CONTOUR
 - 580- PROPOSED 5' CONTOUR
 - PROPOSED STORM DRAIN
 - PROPERTY LINE



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41185.23

#	DATE	DESCRIPTION
-	05/02/2025	Contract Documents

Sanitary Sewer
Profile

CU102

A:\2023\41185-23\03_DSGN\01_LAND\03_SHEETS\LG100 GRADING PLAN.DWG, 4/23/2025 10:22:18 AM, ghulifaker

P 584.500	- Proposed
P 583.500	- Proposed
P 581.500	- Proposed
P 579.000	- Proposed
P 577.500	- Proposed
P 576.500	- Proposed
P 575.500	- Proposed
P 574.000	- Proposed
E 583.500	- Existing
E 582.500	- Existing
E 581.500	- Existing
E 580.500	- Existing
E 579.500	- Existing
E 578.500	- Existing
E 577.000	- Existing
E 574.500	- Existing
E 584.500	- Existing

9724.2 SQ FT
23125.6 SQ FT
59664.8 SQ FT
54231.8 SQ FT
55339.4 SQ FT
14632.7 SQ FT
10350.9 SQ FT
8152.5 SQ FT
17489.0 SQ FT
31680.5 SQ FT
34390.9 SQ FT
35410.8 SQ FT
40199.7 SQ FT
23090.3 SQ FT
28382.8 SQ FT
21737.6 SQ FT
3021.1 SQ FT

GRADING NOTES

THE EARTHWORK FOR THIS PROJECT IS A NECESSARY AND INCIDENTAL PART OF THE WORK. IN THE CASE THAT THE EARTHWORK DOES NOT BALANCE, THE CONTRACTOR IS RESPONSIBLE FOR ANY ADDITIONAL COSTS ASSOCIATED WITH HAUL OFF OR IMPORT. THE TOTAL COST SHALL BE INCLUDED IN THE BID PROPOSAL AS A LUMP SUM. PAYMENT WILL NOT BE MADE ON A UNIT PRICE BASIS OR BY ANY OTHER SEPARATE MEASURED PAYMENT METHOD.

- BASE BID SHALL INCLUDE ALL EARTHWORK NECESSARY TO ESTABLISH THE FINISHED GRADES AS SHOWN ON THIS PLAN. NO SEPARATE PAYMENT WILL BE MADE.
- REFER TO SPECIFICATIONS FOR DISPOSAL OF EXCESS MATERIAL.
- CONTRACTOR SHALL STRIP, STOCKPILE AND RE-SPREAD A MINIMUM OF 6" OF TOPSOIL IN ALL DISTURBED AREAS. IN AREAS OF CUT, THE GRADE SHALL BE EXCAVATED TO 6" BELOW FINISH GRADE, THEN TOPSOIL SHALL BE RE-SPREAD ABOVE THE SUB GRADE ELEVATION.
- ALL EARTHWORK SHALL CONFORM TO THE GEOTECHNICAL REPORT.
- THE TOPOGRAPHIC SURVEY FOR THIS PROJECT SHALL BE DONE BY AN INDEPENDENT REGISTERED, LICENSED SURVEYOR APPROVED BY THE OWNER. THE SURVEYS SHALL BE SIGNED AND SEALED BY THE APPROVED SURVEYOR.
- CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND GRADES, NEW OR EXISTING PRIOR TO CONSTRUCTION. NOTIFY THE ENGINEER OF ANY DISCREPANCIES WITH EXISTING OR NEW CONDITIONS. THE CONTRACTOR SHALL EMPLOY A LICENSED PUBLIC SURVEYOR TO SET ALL GRADES, SPOT ELEVATIONS, FLOW LINES, ETC.

NOTES

- ALL SPOT GRADES ARE TOP OF PAVING GRADES UNLESS OTHERWISE NOTED.
- CROSS SLOPES OF SIDEWALKS ARE NOT TO EXCEED 2.0%.
- LONGITUDINAL SLOPES OF SIDEWALKS ARE NOT TO EXCEED 5.0%.
- PAVED AREAS ARE NOT HAVE A SLOPE LESS THAN 0.5%.
- TURFGRASS SLOPES ARE NOT TO BE LESS THAN 1% AND ARE NOT TO EXCEED 25%.
- SLOPES ON ACCESSIBLE ROUTE SHALL NOT EXCEED 4.5% LONGITUDINAL SLOPE AND 1.5% CROSS SLOPE.

GRADING LEGEND

---	EXISTING 1' CONTOUR
---	EXISTING 5' CONTOUR
---	PROPOSED 1' CONTOUR
---	PROPOSED 5' CONTOUR
---	PROPOSED SPOT GRADE
TP	TOP OF PAVEMENT
TG	TOP OF GRADE
TC	TOP OF CURB
BR	BOTTOM OF RAMP
TR	TOP OF RAMP
BW	BOTTOM OF WALL
TW	TOP OF WALL
MEG	MATCH EXISTING GRADE
→	DIRECTION OF FLOW
TI	TOP OF INLET/DRAIN
LP	LOW POINT
HP	HIGH POINT
WF	TOP OF WOOD FIBER

EXISTING UTILITIES

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2401 Roberts Circle
Arlington, Texas



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City Of Arlington

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Arlington, TX 76013

PROJECT NO.

41185.23

- 05/02/2025 Contract Documents

DATE DESCRIPTION

Grading
Plan

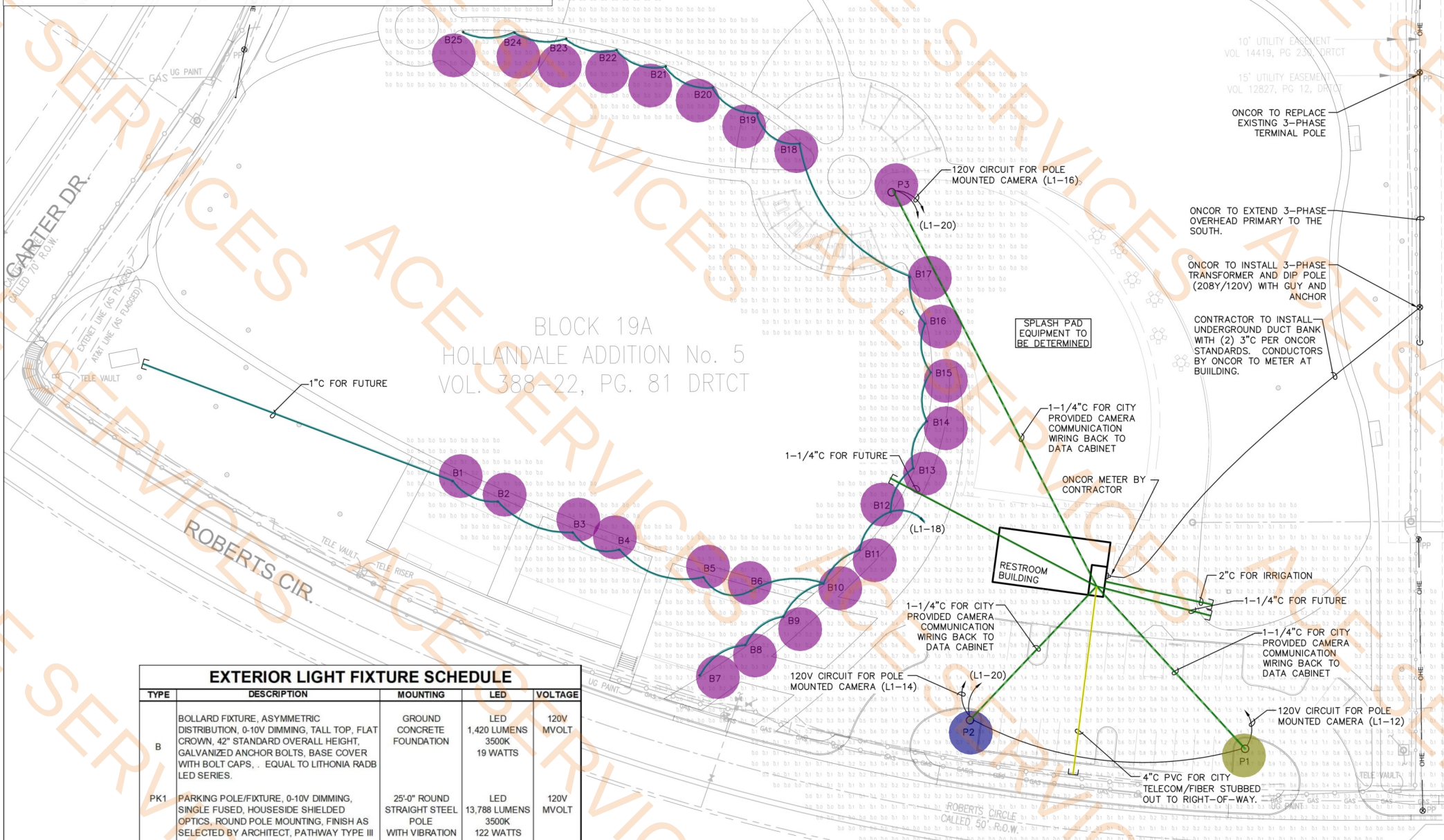
LG100



0 40' 80'

- P1 Pole
- P2 Pole
- P3 Pole
- PK1 Fixture
- PK2 Fixture
- B, Bollard
- 1" C (L1-18)
- 1-1/4" C
- 2" C
- 4" C PVC For City Telecom/Fiber

- 1.0 EA
- 1.0 EA
- 1.0 EA
- 2.0 EA
- 1.0 EA
- 25.0 EA
- 865.7 FT
- 558.4 FT
- 50.8 FT
- 88.0 FT



EXTERIOR LIGHT FIXTURE SCHEDULE

TYPE	DESCRIPTION	MOUNTING	LED	VOLTAGE
B	BOLLARD FIXTURE, ASYMMETRIC DISTRIBUTION, 0-10V DIMMING, TALL TOP, FLAT CROWN, 42" STANDARD OVERALL HEIGHT, GALVANIZED ANCHOR BOLTS, BASE COVER WITH BOLT CAPS, . EQUAL TO LITHONIA RAD8 LED SERIES.	GROUND CONCRETE FOUNDATION	LED 1,420 LUMENS 3500K 19 WATTS	120V MVOLT
PK1	PARKING POLE/FIXTURE, 0-10V DIMMING, SINGLE FUSED, HOUSESIDE SHIELDED OPTICS, ROUND POLE MOUNTING, FINISH AS SELECTED BY ARCHITECT, PATHWAY TYPE III DISTRIBUTION, WITH FULL BASE COVER EQUAL TO LITHONIA RADEAN RAD1 ARM MOUNT SERIES. POLE EQUAL TO LITHONIA RSS 25 48 DM19RAD D8BXD WITH GALVANIZED ANCHOR BOLTS.	25'-0" ROUND STRAIGHT STEEL POLE WITH VIBRATION DAMPERS (1" HOLE AT 10'-0" ABOVE GRADE DRILLED AT FACTORY)	LED 13,788 LUMENS 3500K 122 WATTS	120V MVOLT
PK2	PEDESTRIAN AREA LIGHTING POLE/FIXTURE, 0-10V DIMMING, SINGLE FUSED, ROUND POLE MOUNTING, FINISH AS SELECTED BY ARCHITECT, ASYMMETRIC TYPE IV DISTRIBUTION, WITH FULL BASE COVER, EQUAL TO LITHONIA RADEAN RADPT ARM MOUNT SERIES. POLE EQUAL TO LITHONIA RSS 16 48 PT D8BXD WITH GALVANIZED ANCHOR BOLTS.	16'-0" ROUND STRAIGHT STEEL POLE WITH VIBRATION DAMPERS (1" HOLE AT 10'-0" ABOVE GRADE DRILLED AT FACTORY)	LED 15,081 LUMENS 3500K 123 WATTS	120V MVOLT

NOTES:

- 1 FIXTURE COLORS AND FINISHES SHALL BE AS SELECTED BY ARCHITECT.
- 2 SUBMIT POINT-BY-POINT FOOT CANDLE CALCULATIONS PRIOR TO ORDERING FIXTURES.

1 SITE PLAN - ELECTRICAL

SCALE: 1"=30'-0"

POLE SCHEDULE

POLE NUMBER	FIXTURE TYPE	POLE HEIGHT	FIXTURE QUANTITY	VOLTAGE
P1	PK1	25'-0" (CAMERA @ 10' ABOVE GRADE)	1	120V
P2	PK1	25'-0" (CAMERA @ 10' ABOVE GRADE)	1	120V
P3	PK2	16'-0" (CAMERA @ 10' ABOVE GRADE)	1	120V

EXTERIOR LIGHTING CONTROL SCHEDULE

ZONE	FIXTURE GROUP	CONTACTOR	RELAY	RELAY CONTROLLED BY	VOLTAGE	0-10V DIMMING	CIRCUIT NUMBER(S)
1	PARKING	C1	3P-30A	SKYLOGIX	120V	YES	L1-20
2	PEDESTRIAN	C2	3P-30A		120V	YES	L1-20
3	BOLLARDS	C3	3P-30A		120V	YES	L1-18
4	BUILDING EXTERIOR	C4	3P-30A		120V	YES	L1-32

NOTES:

1. PROVIDE AUXILIARY RELAYS AS REQUIRED FOR 2-WIRE CONTROL.
2. SKYLOGIX RELAY CONTROL PANELS SHALL SIZED AS REQUIRED TO ACCOMMODATE ALL LISTED ZONES.
3. PROVIDE DIMMER IN ELECTRICAL ROOM FOR OVERRIDE CONTROL OF EACH ZONE. INSTALL ALL REQUIRED 0-10V DIMMING WIRING IN DEDICATED CONDUIT TO EACH FIXTURE.
4. PROVIDE PHOTOCCELL IF REQUIRED FOR SKYLOGIX CONTROL.

GENERAL NOTES

1. STAKE LOCATIONS OF ALL POLES, PULL BOXES AND CONDUITS FOR OWNER/ENGINEER APPROVAL BEFORE EXCAVATION OR INSTALLATION.
2. ALL CONDUITS SHALL BE MINIMUM OF 30" BELOW GRADE UNLESS OTHERWISE NOTED. DEPTHS SHALL BE INCREASED AS NECESSARY TO COORDINATE WITH OTHER WORK AND AS REQUIRED BY UTILITY COMPANIES TO MAINTAIN SEPARATION AND COVER.
3. VERIFY EXACT LOCATION OF ALL EXISTING UTILITIES, IRRIGATION PIPING, IRRIGATION WIRING, TELEPHONE, GAS, NETWORK FIBER, CONDUITS, ETC. CALL "811" PRIOR TO EXCAVATION. ALL EXISTING UTILITIES ARE NOT SHOWN. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT ALL EXISTING UTILITIES WITHIN THE AREA OF CONSTRUCTION AND TO DETERMINE AND VERIFY THE EXACT LOCATION AND DEPTH OF ALL EXISTING UTILITIES PRIOR TO PROCEEDING WITH CONSTRUCTION. ITEMS DAMAGED BY CONTRACTOR SHALL BE REPLACED OR REPAIRED AS DIRECTED BY OWNER AT NO ADDITIONAL COST TO OWNER.
4. ALL TRENCHES SHALL BE FILLED, LEVELED AND COMPACTED TO 95%.
5. SUBMIT SHOP DRAWING FOR ROUTING OF ALL CONDUITS FOR ENGINEER APPROVAL PRIOR TO TRENCHING.
6. PROVIDE IN-USE COVER FOR ALL OUTDOOR RECEPTACLES.
7. PROVIDE PULL BOXES AS REQUIRED.
8. CONDUIT ROUTING SHOWN IS DIAGRAMMATIC. CONTRACTOR SHALL ADJUST ROUTING AS REQUIRED TO RESOLVE ANY CONFLICTS WITH EXISTING UTILITIES AND NEW WORK. SUBMIT CONDUIT ROUTING SHOP DRAWINGS FOR APPROVAL. HOME RUN CONDUITS TO POLES SHALL BE AS SHORT AS POSSIBLE TO MINIMIZE VOLTAGE DROP.
9. GROUND AND BOND ALL EQUIPMENT INCLUDING BUT NOT LIMITED TO BOXES, FIXTURES, POLES, DEVICES, ETC.
10. SITE LIGHTING CIRCUITS SHALL BE 2#8, #8G IN 1-1/4"C.
11. REFER TO EXTERIOR LIGHTING CONTROL SCHEDULE FOR ADDITIONAL INFORMATION.
12. INSTALL ALL 0-10V DIMMING WIRING AS SCHEDULED AND SPECIFIED. 0-10V DIMMING WIRING SHALL BE IN SEPARATE CONDUIT FROM LIVE VOLTAGE CIRCUIT. WIRING SIZE SHALL BE ADJUSTED FOR VOLTAGE DROP.
13. PEDESTRIAN POLES SHALL BE SET BACK MINIMUM 2'-0" FROM SIDEWALKS.
14. PARKING POLES SHALL BE SET BACK MINIMUM 6'-0" FROM PARKING PERIMETER.
15. PROVIDE LIGHTNING PROTECTION SYSTEM FOR RESTROOM BUILDING.
16. SKYLOGIX SYSTEM SHALL CONTROL EXTERIOR LIGHTING AND IRRINET SYSTEM.
17. HORIZONTAL FOOTCANDLE LEVELS SHOWN ARE MINIMUM. SUBMIT SITE PHOTOMETRIC ANALYSIS FOR APPROVAL WITH LIGHTING SUBMITTALS.

LEGEND

- Op PARKING LIGHTING - REFER TO POLE SCHEDULE
- *B BOLLARD LIGHTING - TYPE "B"
- DIAGRAMMATIC CIRCUITING AND 0-10V DIMMING WIRING IN SEPARATE CONDUIT.

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YE

YAGGI ENGINEERING, INC.
5840 Interstate 20 West, Suite 270
Arlington, Texas 76017
www.yaggiengineering.com
TEXAS REGISTRATION NO. F-9622
YE PROJECT NO. 2351.00

Helen Wessler Park

4201 Roberts Circle

Arlington, Texas



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717 W. Main Street
Arlington, TX 76013

PROJECT NO.

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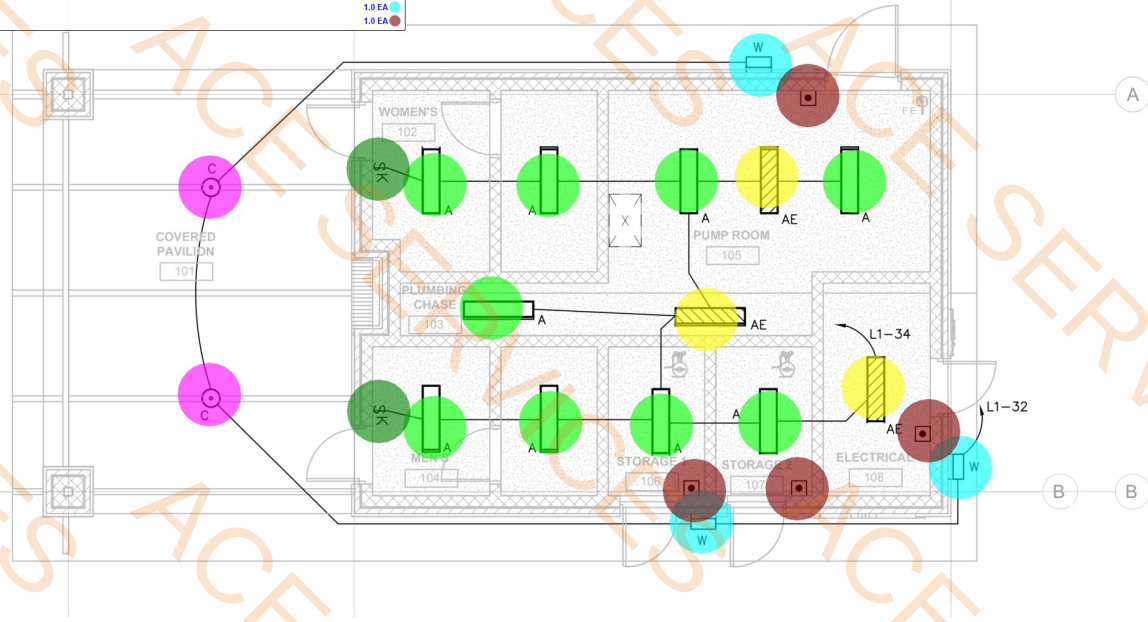
05/02/2025 Contract Documents

DATE DESCRIPTION

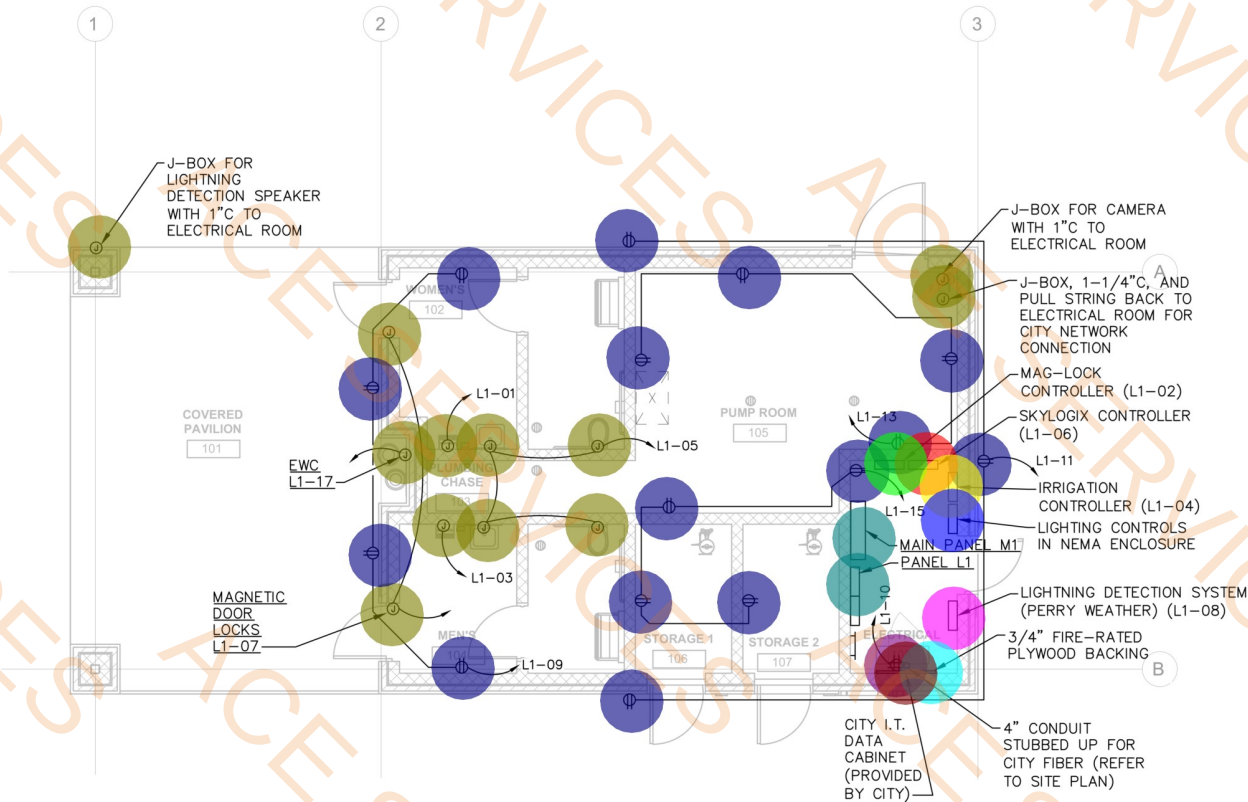
SITE PLAN -
ELECTRICAL

E100

- Type A, Linear Strip Fixture
- Type AE, Linear Strip Fixture
- Type C, Canopy Area Fixture - Uplight And Downlight - Type 5 Wide Distribution - Finish: Selected By Architect - Up-Light 500 Lumens - T...
- Type W, Wallpack Fixture
- Low Voltage Lighting Control Station
- Keyed Switch
- Junction Box
- Duplex Receptacle
- Quadplex Receptacle
- Panel
- Skylogix Controller
- Mag-Lock Controller
- Irrigation Controller
- Lighting Controls In NEMA Enclosure
- Lighting Detection System
- 3/4" Fire-Rated Plywood Backing
- City I.T. Data Cabinet (Provide By City)



1 REFLECTED CEILING PLAN - ELECTRICAL
SCALE: 3/16"=1'-0"



2 FLOOR PLAN - ELECTRICAL
SCALE: 1/8"=1'-0"

LIGHTING CONTROL SCHEDULE

ROOM	LIGHTING CONTROL DETAIL	VACANCY SENSORS	OCCUPANCY SENSORS	ROOM CONTROLLER	ON FUNCTION	OFF FUNCTION	ZONE 1	NOTES
ELECTRICAL	MANUAL SWITCH	-	-	-	MANUAL	MANUAL	ALL FIXTURES	
MENS & WOMENS	2	-	X	-	AUTO	AUTO	ALL FIXTURES	KEYED SWITCH
PLUMBING CHASE/ PUMP ROOM	1	X	-	-	MANUAL	AUTO/MANUAL	ALL	
STORAGE	1	X	-	-	MANUAL	AUTO/MANUAL	ALL	

- NOTES:
- THIS CONTROL SCHEDULE INCLUDES TYPICAL ROOMS AND DOES NOT INCLUDE ALL SPACES TO BE CONTROLLED BY LIGHTING CONTROLS. ALL SPACES IN BUILDING SHALL BE CONTROLLED BY LIGHTING CONTROLS. INCLUDE COST OF ALL SPACES EVEN THOUGH NOT INCLUDED IN THIS SCHEDULE.
 - "ALL" DENOTES THAT ALL FIXTURES IN ROOM SHALL BE CONTROLLED.
 - VARIOUS ROOM TYPES ARE TYPICAL. REFER TO FLOOR PLANS FOR QUANTITY OF ROOMS.
 - REFER TO FLOOR PLANS FOR QUANTITY OF LOW VOLTAGE CONTROL STATIONS.

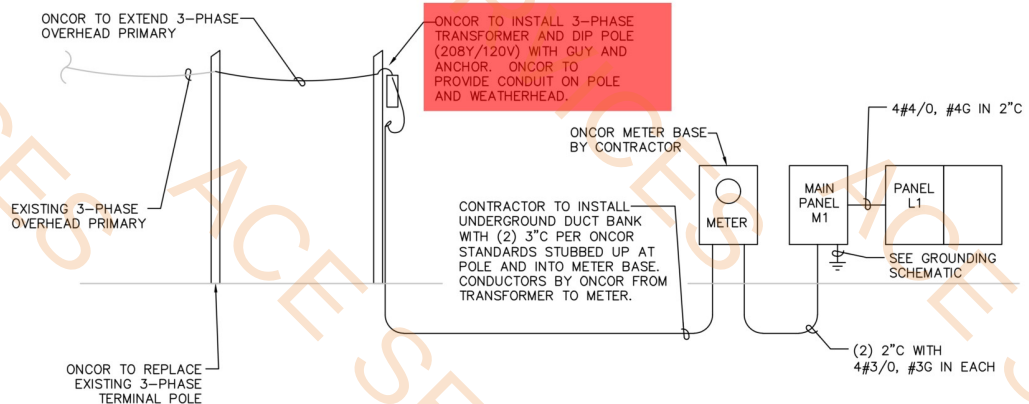
LIGHT FIXTURE SCHEDULE

TYPE	DESCRIPTION	MOUNTING	LAMPS	VOLTAGE
A	LINEAR STRIP FIXTURE, 48" LONG, STANDARD EFFICIENCY, WIDE DIFFUSE LENS, WIDE DISTRIBUTION, WHITE FINISH, WIRE GUARD. EQUAL TO LITHONIA CLX SERIES.	SUSPENDED HANGER CHAIN	25.5 WATTS 3942 LUMENS 80 CRI 3500K	120
AE	SAME AS TYPE "A" EXCEPT HAS EMERGENCY 10W BATTERY PACK			
C	CANOPY AREA FIXTURE, UPLIGHT AND DOWNLIGHT, TYPE 5 WIDE DISTRIBUTION, UP-LIGHT 500 LUMENS, TAMPER-PROOF SCREWS, BIRD SHROUD, 0-10V DIMMING, FINISH AS SELECTED BY ARCHITECT, WET LOCATION LISTED, P3 LUMEN PACKAGE, EQUAL TO LITHONIA VCPG SERIES.	PENDANT/STEM W/ ANTI-SWAY CABLES VERIFY HEIGHT WITH ARCHITECT	43 WATTS 5825 LUMENS 80 CRI 3500K	120
W	WALLPACK FIXTURE, VISUAL COMFORT OPTIC, WIDE DISTRIBUTION, WET LOCATION LISTED, P5 LUMEN PACKAGE, 0-10V DIMMING, ARCHITECTURAL WALL SPACER, FINISH AS SELECTED BY ARCHITECT. EQUAL TO LITHONIA WDGE2 LED SERIES.	WALL VERIFY HEIGHT WITH ARCHITECT	48 WATTS 6127 LUMENS 80 CRI 3500K	120

- NOTES:
- VERIFY EXACT LOCATION, MOUNTING, AND METHOD OF INSTALLATION FOR ALL LIGHTING FIXTURES WITH ARCHITECT PRIOR TO ROUGH-IN.
 - FIXTURE COLORS AND FINISHES SHALL BE AS SELECTED BY ARCHITECT.
 - PROVIDE "PAINTED AFTER FABRICATION" OPTION ON ALL FIXTURES WHERE AVAILABLE.
 - ALL LAMPS AND LEDS SHALL BE 3500K COLOR TEMPERATURE.
 - SUBMIT POINT-BY-POINT CALCULATIONS FOR ALL INTERIOR SPACES AND EXTERIOR AREAS.

GENERAL NOTES

- ALL CONDUITS SHALL BE CONCEALED IN WALLS OR ABOVE CEILING. DO NOT INSTALL SURFACE MOUNTED CONDUIT EXCEPT IN ELECTRICAL ROOM AND IN ROOF STRUCTURE AREA OF ROOMS WITHOUT CEILINGS. NO CURVED PORTION OF CONDUIT SHALL EXIT WALLS. IN ROOMS WITH NO CEILINGS, CONDUITS SHALL EXIT WALLS TIGHT TO ROOF STRUCTURE. MAINTAIN NEC REQUIRED SEPARATION BETWEEN CONDUITS AND ROOF DECK.
- ALL EXTERIOR RECEPTACLES SHALL BE WEATHERPROOF, GFI, WITH CAST METAL IN-USE COVER.
- VERIFY ALL POWER, TELEPHONE/DATA AND J-BOX LOCATIONS WITH ARCHITECT AND OWNER PRIOR TO ROUGH-IN.
- SUBMIT 1/4" SCALED LAYOUT OF ELECTRICAL ROOM FOR APPROVAL. INCLUDE WITH SWITCHGEAR SUBMITTAL.
- EXTERIOR RECEPTACLES SHALL BE 18" A.F.F.
- BREAKERS SERVING EWC'S SHALL BE GFI.
- ALL RECEPTACLES IN RESTROOMS, ON COUNTERS EQUIPPED WITH SINKS, AND ANY RECEPTACLE WITHIN 6'-0" OF A SINK SHALL BE GFI.
- ALL LIGHT SWITCHES AND CONTROL DEVICES SHALL BE MOUNTED PER ADA REQUIREMENTS.
- VERIFY EXACT HEIGHT AND LOCATION OF EXTERIOR LIGHTING FIXTURES WITH ARCHITECT PRIOR TO ROUGH-IN.
- REFER TO LIGHTING CONTROL SCHEDULE AND DETAILS FOR LIGHTING CONTROL IN EACH ROOM.
- ALL CONDUITS SERVING EXTERIOR BUILDING MOUNTED LIGHTING SHALL BE CONCEALED IN STRUCTURE.
- PROVIDE ADDITIONAL ROOM CONTROLLERS AS REQUIRED TO FACILITATE FIXTURE CONTROL AS NOTED IN LIGHTING CONTROL SCHEDULE.
- REFER TO ELECTRICAL SCHEMATIC DIAGRAM SHEET FOR ADDITIONAL INFORMATION.
- FOR EXTERIOR MOUNTED SPEAKER (LIGHTNING DETECTION SYSTEM, COORDINATE LOCATION WITH OWNER PRIOR TO ROUGH-IN.



3 ELECTRICAL SCHEMATIC DIAGRAM
SCALE: NOT TO SCALE

Parkhill



Parkhill.com

YE

YAGGI ENGINEERING, INC.
5840 Interstate 20 West, Suite 270
Arlington, Texas 76017
www.yaggiengineering.com
TEXAS REGISTRATION NO. F-9622
YE PROJECT NO. 2351.00

Helen Wessler Park

4201 Roberts Circle

Arlington, Texas



CLIENT

City Of Arlington

717 W. Main Street
Arlington, TX 76013

PROJECT NO.

41185.23

05/02/2025 Contract Documents

DATE DESCRIPTION

FLOOR PLAN -
ELECTRICAL

E200

\\YAGGI-DC22\SHARED\PROJECTS\2023\YEAR\2351.00 - ARLINGTON HELEN WESSLER PARK SITE\DRAWINGS\201.DWG, 5/2/2025 12:07:35 PM, jplecyer

MAIN PANEL M1					
V (L-L) 208 PHASE 3		V (L-N) 120 WIRE 4		CKT BKR TYPE MCB	
MAIN BKR FRAME (A) 400		TRIP 400 A		SURFACE MOUNTED 65,000	
CKT #	DESCRIPTION	LOAD (KVA)	BKR #	FRAME AMPS	TRIP AMPS
1	PANEL L1			225	225
2	UH-1			100	
3	UH-2			100	
4	EF-2			100	
5	EF-3			100	
6	EF-4			100	
7	WH-1			100	
8	UV1A			100	
9	P1A			100	
10	P2A			100	
11	P3A			100	
12	V1A			100	
13	V2A			100	
14	V3A			100	
15	SPD (SURGE PROTECTION DEVICE)			100	
16	SPARE			225	
17	SPARE			225	
18	SPARE			225	
19	SPARE			100	
CONN. N.E.C. LOAD MULT. (KVA) (KVA)		CONNECTED 277 LOAD (AMPS)			
LIGHTING 2		235 NEC MULT. (AMPS)			
MOTOR 58		6 PERCENT SPARE			
HEATING 13		1.00 KIT. MULTIPLIER			
KITCHEN 6		1.00 MSC. MULTIPLIER			
RECEPTACLE 14					
MISCELLANEOUS 6					
TOTAL 100					

PANEL L1						2 SECTION	
V (L-L) 208		PHASE 3		BUS 225 A		SURFACE MOUNTED	
V (L-N) 120		WIRE 4		MCB 225 A		22,000 A.I.C	
DESCRIPTION	LOAD (KVA)	BKR #	CKT #	BKR #	LOAD (KVA)	DESCRIPTION	LOAD (KVA)
HAND DRYER	1.5	20	1	20	0.5	MAG-LOCK CONTROL	0.5
HAND DRYER	1.5	20	2	20	0.5	IRRIGATION CONTROL	0.5
PLUMBING SENSORS	0.5	20	3	20	0.5	SKYLOGIX CONTROL	0.5
MAGNETIC DOOR LOCK	0.5	20	4	20	0.5	LIGHTNING SYSTEM	0.5
RECEPTACLES	0.7	20	5	20	1.5	I.T. DATA CABINET	1.5
RECEPTACLES	0.7	20	6	20	0.5	POLE CAMERA	0.5
RECEPTACLES	0.7	20	7	20	0.5	POLE CAMERA	0.5
RECEPTACLES	0.7	20	8	20	0.5	POLE CAMERA	0.5
RECEPTACLES	0.7	20	9	20	1.0	BOLLARD LIGHTING	1.0
CP-1	0.5	20	10	20	1.0	POLE LIGHTING	1.0
HEAT TRACE CONTROLLER	0.9	20	11	20	0.2	EF-1	0.2
AP1A*	1.0	20	12	20	0.4	EWC-1 REMOTE CHILLER	0.4
C1A RECEPTACLE*	1.0	20	13	20	1.8	CP1A	1.8
C1A RECEPTACLE*	1.0	20	14	20	1.9	CP1A BOOSTER PUMP	1.9
AP2A*	1.0	20	15	20	4.8	AF1A*	4.8
SPARE	-	20	16	20	0.2	EXTERIOR BLDG LTO	0.2
SPARE	-	20	17	20	0.5	INTERIOR BLDG LTO	0.5
SPARE	-	20	18	20	-	SPARE	-
SPARE	-	20	19	20	-	SPARE	-
SPARE	-	20	20	20	-	SPARE	-
SPARE	-	20	21	20	-	SPARE	-
DESCRIPTION	LOAD (KVA)	BKR #	CKT #	BKR #	LOAD (KVA)	DESCRIPTION	LOAD (KVA)
SPARE	0.5	20	43	20	0.5	SPARE	0.5
SPARE	0.5	20	44	20	0.5	SPARE	0.5
SPARE	0.5	20	45	20	0.5	SPARE	0.5
SPARE	0.5	20	46	20	0.5	SPARE	0.5
SPARE	0.5	20	47	20	0.5	SPARE	0.5
SPARE	0.5	20	48	20	0.5	SPARE	0.5
SPARE	0.5	20	49	20	0.5	SPARE	0.5
SPARE	0.5	20	50	20	0.5	SPARE	0.5
SPARE	0.5	20	51	20	0.5	SPARE	0.5
SPARE	0.5	20	52	20	0.5	SPARE	0.5
SPARE	-	20	53	20	-	SPARE	-
SPARE	-	20	54	20	-	SPARE	-
SPARE	-	20	55	20	-	SPARE	-
SPARE	-	20	56	20	-	SPARE	-
SPARE	-	20	57	20	-	SPARE	-
SPARE	-	20	58	20	-	SPARE	-
SPARE	-	20	59	20	-	SPARE	-
SPARE	-	20	60	20	-	SPARE	-
SPARE	-	20	61	20	-	SPARE	-
SPARE	-	20	62	20	-	SPARE	-
SPARE	-	20	63	20	-	SPARE	-
SPARE	-	20	64	20	-	SPARE	-
SPARE	-	20	65	20	-	SPARE	-
SPARE	-	20	66	20	-	SPARE	-
SPARE	-	20	67	20	-	SPARE	-
SPARE	-	20	68	20	-	SPARE	-
SPARE	-	20	69	20	-	SPARE	-
SPARE	-	20	70	20	-	SPARE	-
SPARE	-	20	71	20	-	SPARE	-
SPARE	-	20	72	20	-	SPARE	-
SPARE	-	20	73	20	-	SPARE	-
SPARE	-	20	74	20	-	SPARE	-
SPARE	-	20	75	20	-	SPARE	-
SPARE	-	20	76	20	-	SPARE	-
SPARE	-	20	77	20	-	SPARE	-
SPARE	-	20	78	20	-	SPARE	-
SPARE	-	20	79	20	-	SPARE	-
SPARE	-	20	80	20	-	SPARE	-
SPARE	-	20	81	20	-	SPARE	-
SPARE	-	20	82	20	-	SPARE	-
SPARE	-	20	83	20	-	SPARE	-
SPARE	-	20	84	20	-	SPARE	-
CONN. N.E.C.		LOAD (KVA)		* DENOTES GFI BREAKER			
LIGHTING	3	3				95 CONN. LOAD (AMPS)	
MOTOR	3	4				100 N.E.C. MULT. (AMPS)	
HEATING	3	4				17 PERCENT SPARE	
KITCHEN						1.00 KITCHEN MULTIPLIER	
RECEPTACLE	6	6				1.00 MSC. MULTIPLIER	
MISCELLANEOUS	13	13					
SPARE	6	6					
TOTAL	34	36					



05-02-2025

Parkhill.com

Helen Wessler Park

2401 Roberts Circle

Arlington, Texas



CLIENT

City of Arlington

717 W. Main St.
Arlington, TX 76013

PROJECT NO.

41185.23

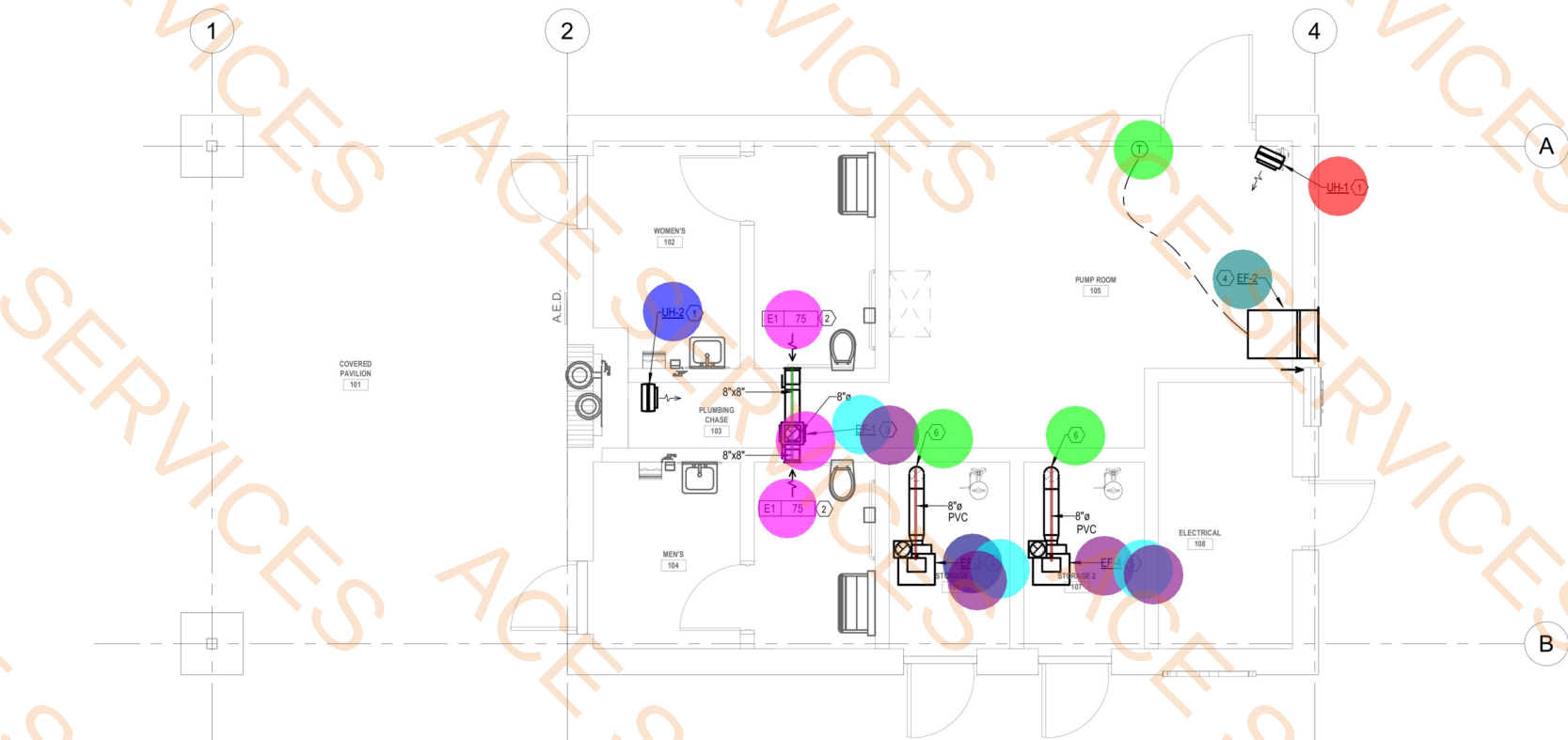
#	DATE	DESCRIPTION
1	05/02/2025	Contract Documents

MECHANICAL
FLOOR PLAN

M1.01

NOTES BY SYMBOL: " " "

1. PROVIDE AND INSTALL UNIT HEATER AT A HEIGHT OF 8'-0" ABOVE FINISHED FLOOR PER DETAIL 4/M2.01.
2. PROVIDE AND INSTALL SIDEWALL GRILLE AT A HEIGHT OF 8'-0" ABOVE FINISHED FLOOR. EXTEND FULL-SIZE DUCTWORK FROM GRILLE AND TRANSITION TO SIZE SHOWN. CONNECT DUCTWORK INTO 8"x8" TEE AND ROUTE UP TO CONNECT TO EXHAUST FAN.
3. PROVIDE AND INSTALL EXHAUST FAN, **SUSPENDED FROM STRUCTURE**, AT A HEIGHT OF 10'-0" AND ROUTE DUCTWORK, SIZED AS SHOWN, UP FROM FAN THRU ROOF AND TERMINATE WITH **BIRD SCREEN AND RAIN CAP**.
4. PROVIDE AND INSTALL EXHAUST FAN AT A HEIGHT OF 12'-0" ABOVE FINISHED FLOOR ACCORDING TO MANUFACTURER'S INSTALLATION INSTRUCTIONS.
5. PROVIDE AND INSTALL EXHAUST FAN, SUSPENDED FROM STRUCTURE, AT A HEIGHT OF 8'-0" ABOVE FINISHED FLOOR AND ROUTE PVC DUCTWORK, SIZED AS SHOWN, **UP FROM FAN THRU ROOF. TERMINATE WITH BIRD SCREEN AND RAIN CAP.**
6. ROUTE PVC DUCTWORK, SIZED AS SHOWN, DOWN TO **A HEIGHT OF 6' AFF AND TERMINATE WITH BIRD SCREEN.**

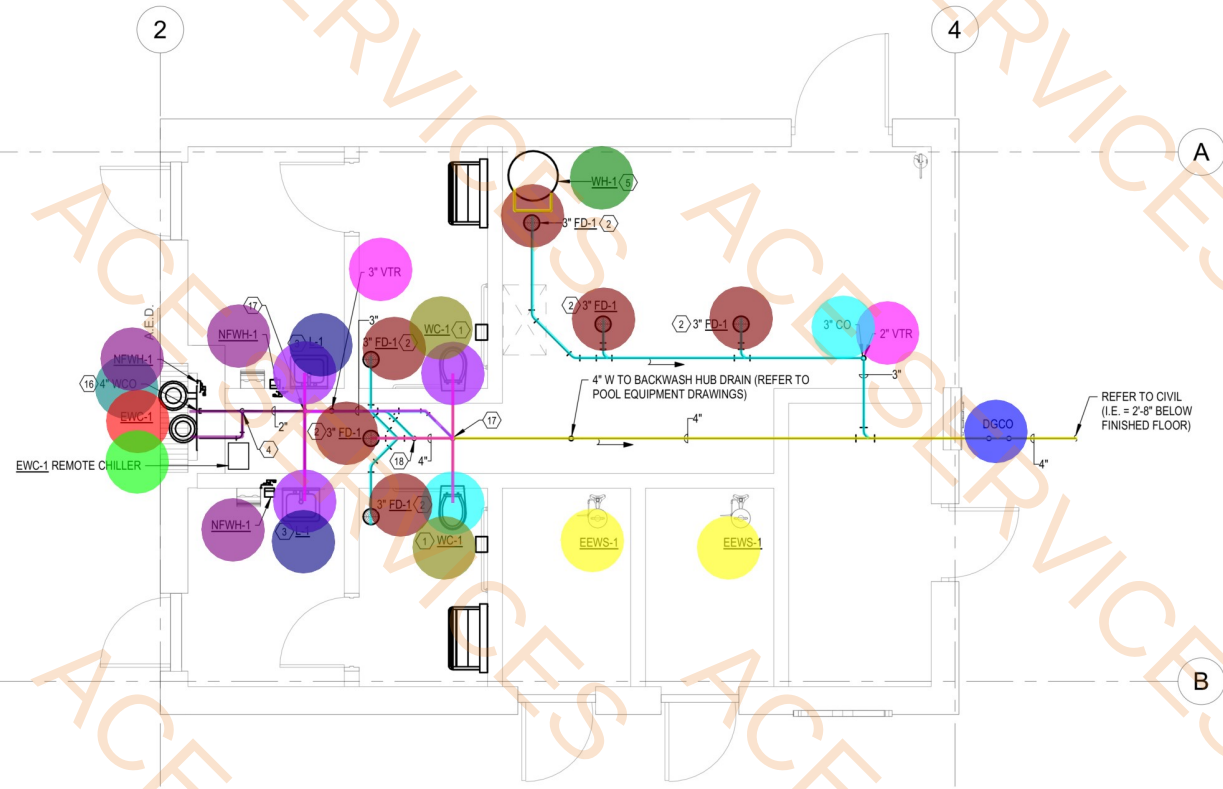


N
1
LEVEL 1 - MECHANICAL
Scale: 1/4" = 1'-0"

EF-3	1.0 EA
EF-4	1.0 EA
EF-2	1.0 EA
UH-1	1.0 EA
T	1.0 EA
UH-2	1.0 EA
75 CFM, E1	2.0 EA
8" x 8" Duct	1.0 EA
EF-1	1.0 EA
8" Dia Duct, H: 6'-0"	2.0 EA
8" Dia PVC	8.6 FT
8" x 8" Duct	4.4 FT
Bird Screen	3.0 EA
Brid Screen	2.0 EA

BHB
BAIRD, HAMPTON & BROWN
building partners

6300 Riddlea Pl., Ste. 700 Fort Worth, TX 76116
mail@bhinc.com • (817)338-1277 • bhinc.com
TBP/ELS Firm #44, #10011300, #10011302, #10194146
BHB PROJECT # 2024.019.000



NOTES BY SYMBOL: " "

1. ROUTE 4" WASTE PIPING THROUGH WALL TO PLUMBING CHASE AND CONTINUE ABOVE FINISHED FLOOR TO CONNECT TO MAIN.
2. ROUTE 3" WASTE PIPING DOWN FROM FLOOR DRAIN AND CONTINUE AS SHOWN.
3. ROUTE 2" WASTE PIPING THROUGH WALL TO PLUMBING CHASE AND CONTINUE ABOVE FINISHED FLOOR AS SHOWN.
4. ROUTE 2" WASTE PIPING FROM EWC-1 AND CONTINUE ABOVE FINISHED FLOOR AS SHOWN. ROUTE 2" VENT PIPING UP AS HIGH AS POSSIBLE AND CONTINUE AS SHOWN.
5. ROUTE FULL SIZE DRAIN PIPING FROM WATER HEATER TO DISCHARGE INDIRECTLY TO FLOOR DRAIN.
6. ROUTE DOMESTIC WATER PIPING, SIZED AS SHOWN, UP ABOVE FINISHED FLOOR AND CONTINUE ALONG WALL AT A HEIGHT OF 40" ABOVE FINISHED FLOOR.
7. PROVIDE AND INSTALL BACKFLOW PREVENTOR AT A HEIGHT OF 40" ABOVE FINISHED FLOOR. ROUTE FULL SIZE DRAIN TO FLOOR DRAIN AND DISCHARGE WITH MINIMUM 1" AIR GAP.
8. ROUTE DOMESTIC WATER PIPING UP ALONG WALL AND BRANCH AS SHOWN.
9. ROUTE 1" DOMESTIC WATER PIPING TO CONNECT TO WATER CLOSET. PROVIDE WHA PDI - TYPE 'A' PRIOR TO CONNECTION.
10. ROUTE 3/4" DOMESTIC WATER PIPING DOWN ALONG WALL AND BRANCH 3/4" PIPING TO CONNECT TO NFVH AT A HEIGHT OF 8" AFF. ROUTE 1/2" DOMESTIC WATER PIPING TO LAVATORY.
11. PROVIDE AND INSTALL REMOTE CHILLER ON WALL ACCORDING TO MANUFACTURER'S INSTALLATION INSTRUCTIONS. ROUTE 1/2" DOMESTIC WATER PIPING DOWN TO INLET OF REMOTE CHILLER. ROUTE 1/2" DOMESTIC WATER PIPING FROM OUTLET OF REMOTE CHILLER AND BRANCH TO CONNECT TO EWC-1 INLETS.
12. ROUTE 3/4" DOMESTIC WATER PIPING DOWN ALONG WALL TO CONNECT TO NFVH.
13. PROVIDE AND INSTALL WATER HEATER ON CONCRETE PAD PER DETAIL 3/P2.01. ROUTE HOT WATER PIPING FROM WATER HEATER AND CONTINUE AS SHOWN.
14. ROUTE HOT WATER PIPING, SIZED AS SHOWN DOWN ALONG WALL AND CONNECT TO LAVATORY. ROUTE HOT WATER PIPING, SIZED AS SHOWN, UP ALONG WALL AND CONTINUE AS SHOWN. MAXIMUM DISTANCES FROM HOT WATER SUPPLY TO FIXTURES SHALL BE MAINTAINED PER CODE.
15. ROUTE 1/2" DOMESTIC WATER AND HOT WATER PIPING DOWN TO EMERGENCY FIXTURE MIXING VALVE. ROUTE 1/2" TEPID WATER PIPING THROUGH WALL TO EMERGENCY FIXTURE.
16. PROVIDE AND INSTALL WALL CLEANOUT DOWN EWC-1.
17. ROUTE 2" VENT UP AS HIGH AS POSSIBLE AND CONTINUE AS SHOWN.
18. ROUTE 2" COMBINATION DRAIN AND VENT PIPING DOWN BELOW FINISHED FLOOR AND CONNECT TO WASTE MAIN. ROUTE 2" VENT PIPING UP AS HIGH AS POSSIBLE AND CONTINUE AS SHOWN.
19. PROVIDE AND INSTALL INSULATION AND HEAT TRACE WIRE ON SUPPLY WATER PIPING IN CHEMICAL STORAGE ROOM. HEAT TRACE SHOULD BE EQUAL TO CHROMALOX SRF SELF-REGULATING HEATING CABLE, 30 WATTS/LINEAR FOOT. THE HEAT TRACE SHOULD BE SPIRAL WRAPPED AT A MINIMUM 1.5 SPIRAL RATIO. PROVIDE AND INSTALL CHROMALOX NEMA 4X SNAP-FIT CONNECTION KITS AND INTELLITRACE ITI CONTROLLER. PROVIDE NEMA 4X RAIN TIGHT JUNCTION BOX ENCLOSURE AND CONNECTION KIT FOR ELECTRICAL CONNECTION TO HEAT TRACE.
20. ROUTE DOMESTIC WATER PIPING DOWN ALONG WALL TO CONNECT TO WALL HYDRANT AT A HEIGHT OF 8" AFF.
21. ROUTE HOT WATER RETURN PIPING UP ALONG WALL FROM HOT WATER PIPING AND CONTINUE AS SHOWN.

12" 4" Dia Water Line	26.14
12" 2" Dia Water Line	13.07
12" 3" Dia Water Line	19.60
12" 4" Dia Water Line	26.14
12" 6" Dia Water Line	39.21
12" 8" Dia Water Line	52.28
12" 10" Dia Water Line	65.35
12" 12" Dia Water Line	78.42
12" 14" Dia Water Line	91.49
12" 16" Dia Water Line	104.56
12" 18" Dia Water Line	117.63
12" 20" Dia Water Line	130.70
12" 22" Dia Water Line	143.77
12" 24" Dia Water Line	156.84
12" 26" Dia Water Line	169.91
12" 28" Dia Water Line	182.98
12" 30" Dia Water Line	196.05
12" 32" Dia Water Line	209.12
12" 34" Dia Water Line	222.19
12" 36" Dia Water Line	235.26
12" 38" Dia Water Line	248.33
12" 40" Dia Water Line	261.40
12" 42" Dia Water Line	274.47
12" 44" Dia Water Line	287.54
12" 46" Dia Water Line	300.61
12" 48" Dia Water Line	313.68
12" 50" Dia Water Line	326.75
12" 52" Dia Water Line	339.82
12" 54" Dia Water Line	352.89
12" 56" Dia Water Line	365.96
12" 58" Dia Water Line	379.03
12" 60" Dia Water Line	392.10
12" 62" Dia Water Line	405.17
12" 64" Dia Water Line	418.24
12" 66" Dia Water Line	431.31
12" 68" Dia Water Line	444.38
12" 70" Dia Water Line	457.45
12" 72" Dia Water Line	470.52
12" 74" Dia Water Line	483.59
12" 76" Dia Water Line	496.66
12" 78" Dia Water Line	509.73
12" 80" Dia Water Line	522.80
12" 82" Dia Water Line	535.87
12" 84" Dia Water Line	548.94
12" 86" Dia Water Line	562.01
12" 88" Dia Water Line	575.08
12" 90" Dia Water Line	588.15
12" 92" Dia Water Line	601.22
12" 94" Dia Water Line	614.29
12" 96" Dia Water Line	627.36
12" 98" Dia Water Line	640.43
12" 100" Dia Water Line	653.50
12" 102" Dia Water Line	666.57
12" 104" Dia Water Line	679.64
12" 106" Dia Water Line	692.71
12" 108" Dia Water Line	705.78
12" 110" Dia Water Line	718.85
12" 112" Dia Water Line	731.92
12" 114" Dia Water Line	744.99
12" 116" Dia Water Line	758.06
12" 118" Dia Water Line	771.13
12" 120" Dia Water Line	784.20
12" 122" Dia Water Line	797.27
12" 124" Dia Water Line	810.34
12" 126" Dia Water Line	823.41
12" 128" Dia Water Line	836.48
12" 130" Dia Water Line	849.55
12" 132" Dia Water Line	862.62
12" 134" Dia Water Line	875.69
12" 136" Dia Water Line	888.76
12" 138" Dia Water Line	901.83
12" 140" Dia Water Line	914.90
12" 142" Dia Water Line	927.97
12" 144" Dia Water Line	941.04
12" 146" Dia Water Line	954.11
12" 148" Dia Water Line	967.18
12" 150" Dia Water Line	980.25
12" 152" Dia Water Line	993.32
12" 154" Dia Water Line	1006.39
12" 156" Dia Water Line	1019.46
12" 158" Dia Water Line	1032.53
12" 160" Dia Water Line	1045.60
12" 162" Dia Water Line	1058.67
12" 164" Dia Water Line	1071.74
12" 166" Dia Water Line	1084.81
12" 168" Dia Water Line	1097.88
12" 170" Dia Water Line	1110.95
12" 172" Dia Water Line	1124.02
12" 174" Dia Water Line	1137.09
12" 176" Dia Water Line	1150.16
12" 178" Dia Water Line	1163.23
12" 180" Dia Water Line	1176.30
12" 182" Dia Water Line	1189.37
12" 184" Dia Water Line	1202.44
12" 186" Dia Water Line	1215.51
12" 188" Dia Water Line	1228.58
12" 190" Dia Water Line	1241.65
12" 192" Dia Water Line	1254.72
12" 194" Dia Water Line	1267.79
12" 196" Dia Water Line	1280.86
12" 198" Dia Water Line	1293.93
12" 200" Dia Water Line	1307.00
12" 202" Dia Water Line	1320.07
12" 204" Dia Water Line	1333.14
12" 206" Dia Water Line	1346.21
12" 208" Dia Water Line	1359.28
12" 210" Dia Water Line	1372.35
12" 212" Dia Water Line	1385.42
12" 214" Dia Water Line	1398.49
12" 216" Dia Water Line	1411.56
12" 218" Dia Water Line	1424.63
12" 220" Dia Water Line	1437.70
12" 222" Dia Water Line	1450.77
12" 224" Dia Water Line	1463.84
12" 226" Dia Water Line	1476.91
12" 228" Dia Water Line	1490.00
12" 230" Dia Water Line	1503.07
12" 232" Dia Water Line	1516.14
12" 234" Dia Water Line	1529.21
12" 236" Dia Water Line	1542.28
12" 238" Dia Water Line	1555.35
12" 240" Dia Water Line	1568.42
12" 242" Dia Water Line	1581.49
12" 244" Dia Water Line	1594.56
12" 246" Dia Water Line	1607.63
12" 248" Dia Water Line	1620.70
12" 250" Dia Water Line	1633.77
12" 252" Dia Water Line	1646.84
12" 254" Dia Water Line	1659.91
12" 256" Dia Water Line	1672.98
12" 258" Dia Water Line	1686.05
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12" 262" Dia Water Line	1712.19
12" 264" Dia Water Line	1725.26
12" 266" Dia Water Line	1738.33
12" 268" Dia Water Line	1751.40
12" 270" Dia Water Line	1764.47
12" 272" Dia Water Line	1777.54
12" 274" Dia Water Line	1790.61
12" 276" Dia Water Line	1803.68
12" 278" Dia Water Line	1816.75
12" 280" Dia Water Line	1829.82
12" 282" Dia Water Line	1842.89
12" 284" Dia Water Line	1855.96
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12" 288" Dia Water Line	1882.10
12" 290" Dia Water Line	1895.17
12" 292" Dia Water Line	1908.24
12" 294" Dia Water Line	1921.31
12" 296" Dia Water Line	1934.38
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12" 300" Dia Water Line	1960.52
12" 302" Dia Water Line	1973.59
12" 304" Dia Water Line	1986.66
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12" 308" Dia Water Line	2012.80
12" 310" Dia Water Line	2025.87
12" 312" Dia Water Line	2038.94
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12" 316" Dia Water Line	2065.08
12" 318" Dia Water Line	2078.15
12" 320" Dia Water Line	2091.22
12" 322" Dia Water Line	2104.29
12" 324" Dia Water Line	2117.36
12" 326" Dia Water Line	2130.43
12" 328" Dia Water Line	2143.50
12" 330" Dia Water Line	2156.57
12" 332" Dia Water Line	2169.64
12" 334" Dia Water Line	2182.71
12" 336" Dia Water Line	2195.78
12" 338" Dia Water Line	2208.85
12" 340" Dia Water Line	2221.92
12" 342" Dia Water Line	2234.99
12" 344" Dia Water Line	2248.06
12" 346" Dia Water Line	2261.13
12" 348" Dia Water Line	2274.20
12" 350" Dia Water Line	2287.27
12" 352" Dia Water Line	2300.34
12" 354" Dia Water Line	2313.41
12" 356" Dia Water Line	2326.48
12" 358" Dia Water Line	2339.55
12" 360" Dia Water Line	2352.62
12" 362" Dia Water Line	2365.69
12" 364" Dia Water Line	2378.76
12" 366" Dia Water Line	2391.83
12" 368" Dia Water Line	2404.90
12" 370" Dia Water Line	2417.97
12" 372" Dia Water Line	2431.04
12" 374" Dia Water Line	2444.11
12" 376" Dia Water Line	2457.18
12" 378" Dia Water Line	2470.25
12" 380" Dia Water Line	2483.32
12" 382" Dia Water Line	2496.39
12" 384" Dia Water Line	2509.46
12" 386" Dia Water Line	2522.53
12" 388" Dia Water Line	2535.60
12" 390" Dia Water Line	2548.67
12" 392" Dia Water Line	2561.74
12" 394" Dia Water Line	2574.81
12" 396" Dia Water Line	2587.88
12" 398" Dia Water Line	2600.95
12" 400" Dia Water Line	2614.02
12" 402" Dia Water Line	2627.09
12" 404" Dia Water Line	2640.16
12" 406" Dia Water Line	2653.23
12" 408" Dia Water Line	2666.30
12" 410" Dia Water Line	2679.37
12" 412" Dia Water Line	2692.44
12" 414" Dia Water Line	2705.51
12" 416" Dia Water Line	2718.58
12" 418" Dia Water Line	2731.65
12" 420" Dia Water Line	2744.72
12" 422" Dia Water Line	2757.79
12" 424" Dia Water Line	2770.86
12" 426" Dia Water Line	2783.93
12" 428" Dia Water Line	2797.00
12" 430" Dia Water Line	2810.07
12" 432" Dia Water Line	2823.14
12" 434" Dia Water Line	2836.21
12" 436" Dia Water Line	2849.28
12" 438" Dia Water Line	2862.35
12" 440" Dia Water Line	2875.42
12" 442" Dia Water Line	2888.49
12" 444" Dia Water Line	2901.56
12" 446" Dia Water Line	2914.63
12" 448" Dia Water Line	2927.70
12" 450" Dia Water Line	2940.77
12" 452" Dia Water Line	2953.84
12" 454" Dia Water Line	2966.91
12" 456" Dia Water Line	2979.98
12" 458" Dia Water Line	2993.05
12" 460" Dia Water Line	3006.12
12" 462" Dia Water Line	3019.19
12" 464" Dia Water Line	3032.26
12" 466" Dia Water Line	3045.33
12" 468" Dia Water Line	3058.40
12" 470" Dia Water Line	3071.47
12" 472" Dia Water Line	3084.54
12" 474" Dia Water Line	3097.61
12" 476" Dia Water Line	3110.68
12" 478" Dia Water Line	3123.75
12" 480" Dia Water Line	3136.82
12" 482" Dia Water Line	3149.89
12" 484" Dia Water Line	3162.96
12" 486" Dia Water Line	3176.03
12" 488" Dia Water Line	3189.10
12" 490" Dia Water Line	3202.17
12" 492" Dia Water Line	3215.24
12" 494" Dia Water Line	3228.31
12" 496" Dia Water Line	3241.38
12" 498" Dia Water Line	3254.45
12" 500" Dia Water Line	3267.52
12" 502" Dia Water Line	3280.59
12" 504" Dia Water Line	3293.66
12" 506" Dia Water Line	3306.73
12" 508" Dia Water Line	3319.80
12" 510" Dia Water Line	3332.87
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12" 514" Dia Water Line	3359.01
12" 516" Dia Water Line	3372.08
12" 518" Dia Water Line	3385.15
12" 520" Dia Water Line	3398.22
12" 522" Dia Water Line	3411.29
12" 524" Dia Water Line	3424.36
12" 526" Dia Water Line	3437.43
12" 528" Dia Water Line	3450.50
12" 530" Dia Water Line	3463.57
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12" 534" Dia Water Line	3489.71
12" 536" Dia Water Line	3502.78
12" 538" Dia Water Line	3515.85
12" 540" Dia Water Line	3528.92
12" 542" Dia Water Line	3541.99
12" 544" Dia Water Line	3555.06
12" 546" Dia Water Line	3568.13
12" 548" Dia Water Line	3581.20
12" 550" Dia Water Line	3594.27
12" 552" Dia Water Line	3607.34
12" 554" Dia Water Line	3620.41
12" 556" Dia Water Line	3633.48
12" 558" Dia Water Line	3646.55
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12" 562" Dia Water Line	3672.69
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12" 566" Dia Water Line	3698.83
12" 568" Dia Water Line	3711.90
12" 570" Dia Water Line	3724.97
12" 572" Dia Water Line	3738.04
12" 574" Dia Water Line	3751.11
12" 576" Dia Water Line	3764.18
12" 578" Dia Water Line	3777.25
12" 580" Dia Water Line	3790.32
12" 582" Dia Water Line	3803.39
12" 584" Dia Water Line	3816.46
12" 586" Dia Water Line	3829.53
12" 588" Dia Water Line	3842.60
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12" 592" Dia Water Line	3868.74
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12" 596" Dia Water Line	3894.88
12" 598" Dia Water Line	3907.95
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12" 616" Dia Water Line	4025.58
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12" 640" Dia Water Line	4182.42
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12" 644" Dia Water Line	4208.56
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12" 686" Dia Water Line	4482.03
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12" 700" Dia Water Line	4573.52
12" 702" Dia Water Line	4586.59
12" 704" Dia Water Line	4599.66
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12" 740" Dia Water Line	4834.92
12" 742" Dia Water Line	4847.99
12" 744" Dia Water Line	4861.06
12" 746" Dia Water Line	4874.13
12" 748" Dia Water Line	4887.20
12" 750" Dia Water Line	4900.27
12" 752" Dia Water Line	4913.34
12" 754" Dia Water Line	4926.41
12" 756" Dia Water Line	4939.48
12" 758" Dia Water Line	4952.55
12" 760" Dia Water Line	4965.62
12" 762" Dia Water Line	4978.69
12" 764" Dia Water Line	4991.76
12" 766" Dia Water Line	5004.83
12" 768" Dia Water Line	5017.90
12" 770" Dia Water Line	5030.97
12" 772" Dia Water Line	5044.04
12" 774" Dia Water Line	5057.11
12" 776" Dia Water Line	5070.18
12" 778" Dia Water Line	5083.25
12" 780" Dia Water	

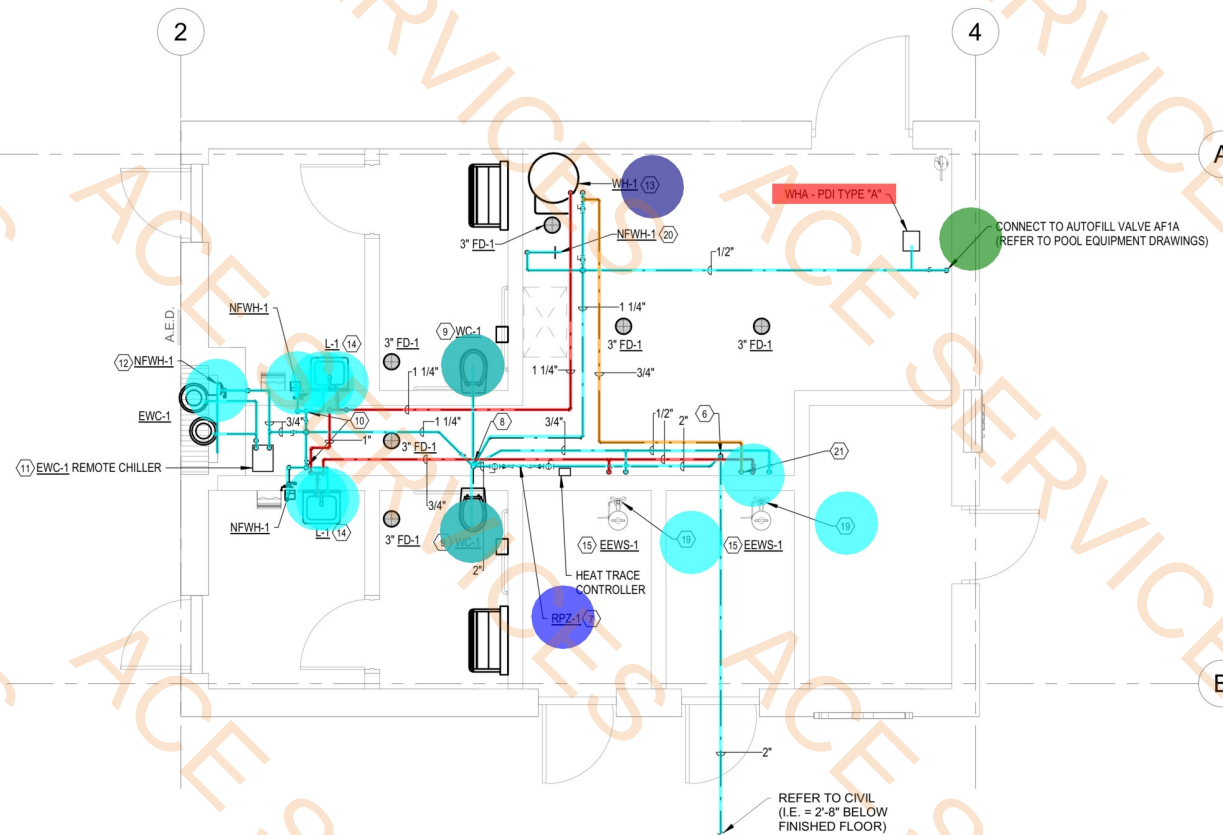


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building partners

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TBPELS Firm #44, #10011300, #10011302, #10194146
BHB PROJECT # 2024.019.000

LEVEL 1 - PLUMBING - WASTE & VENT

Scale: 1/4" = 1'-0"



LEVEL 1 - PLUMBING - WATER

Scale: 1/4" = 1'-0"