

F1 GLENEAGLES CAMPUS REPAIRS

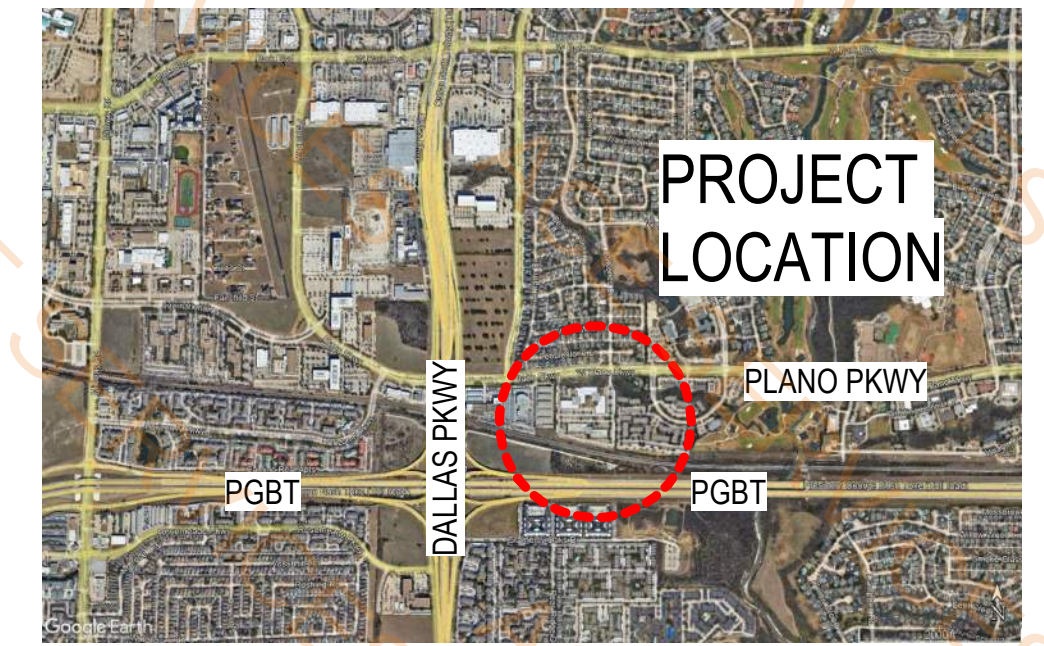
COLLIN COUNTY

CONSTRUCTION CONTRACT NO. 06083-GEC-00-CN-MA

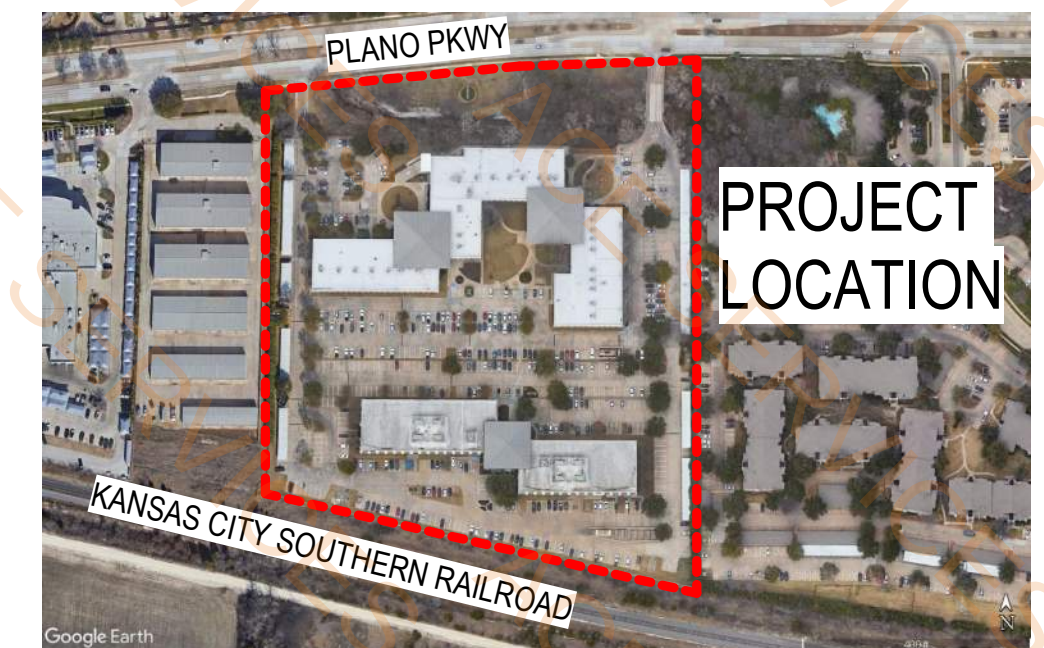
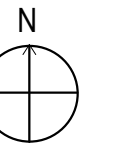
CITY OF PLANO PROJECT NO. TBD

PROJECT LOCATION: 5900 WEST PLANO PARKWAY, PLANO, TEXAS, 75093

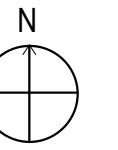
DESCRIPTION: EXTERIOR SITE REPAIRS AND IMPROVEMENTS



LOCATION MAP
NTS

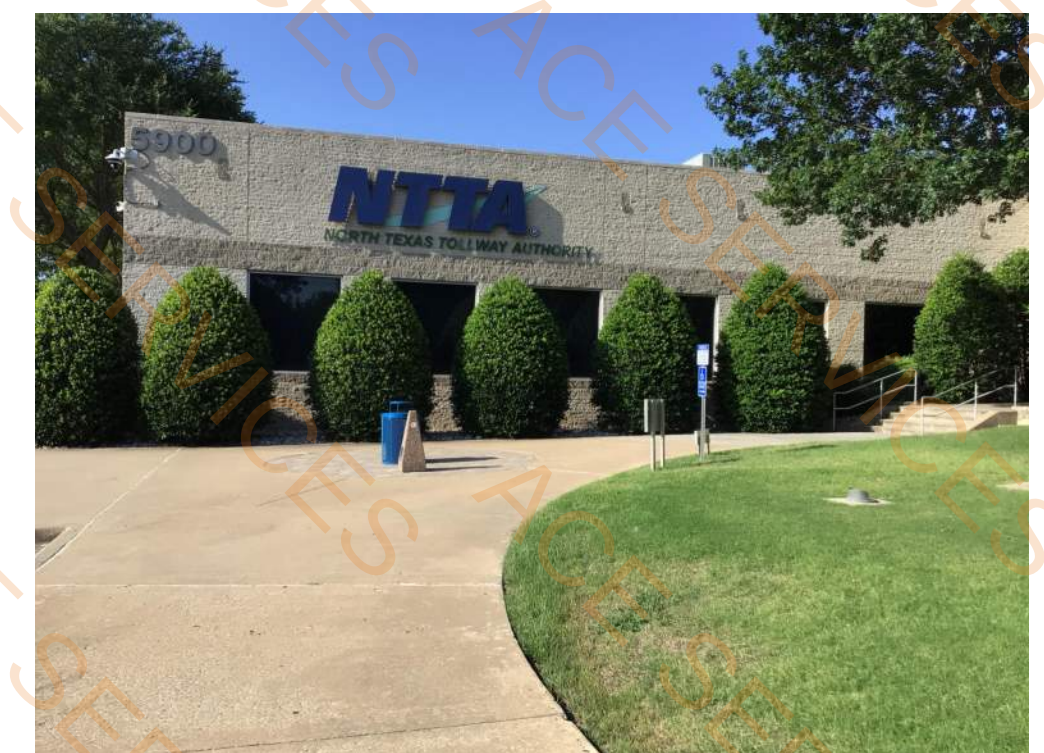


VICINITY MAP
NTS



PROJECT
LOCATION:

5900, 5910 WEST
PLANO PARKWAY



EAST SIDE STREET VIEW
NTS

PREPARED BY:

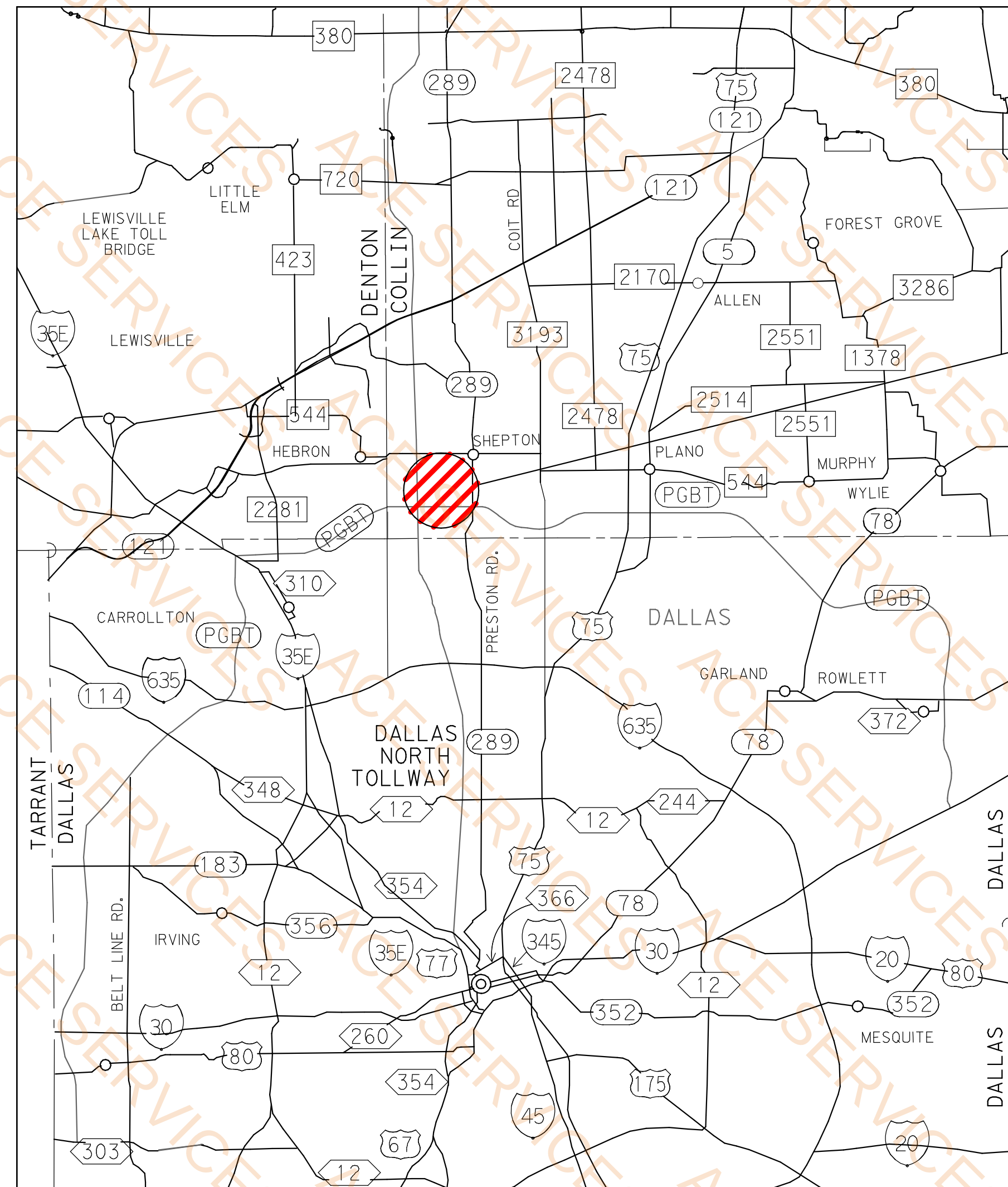
CHARLES POPOVICH



05/22/2024



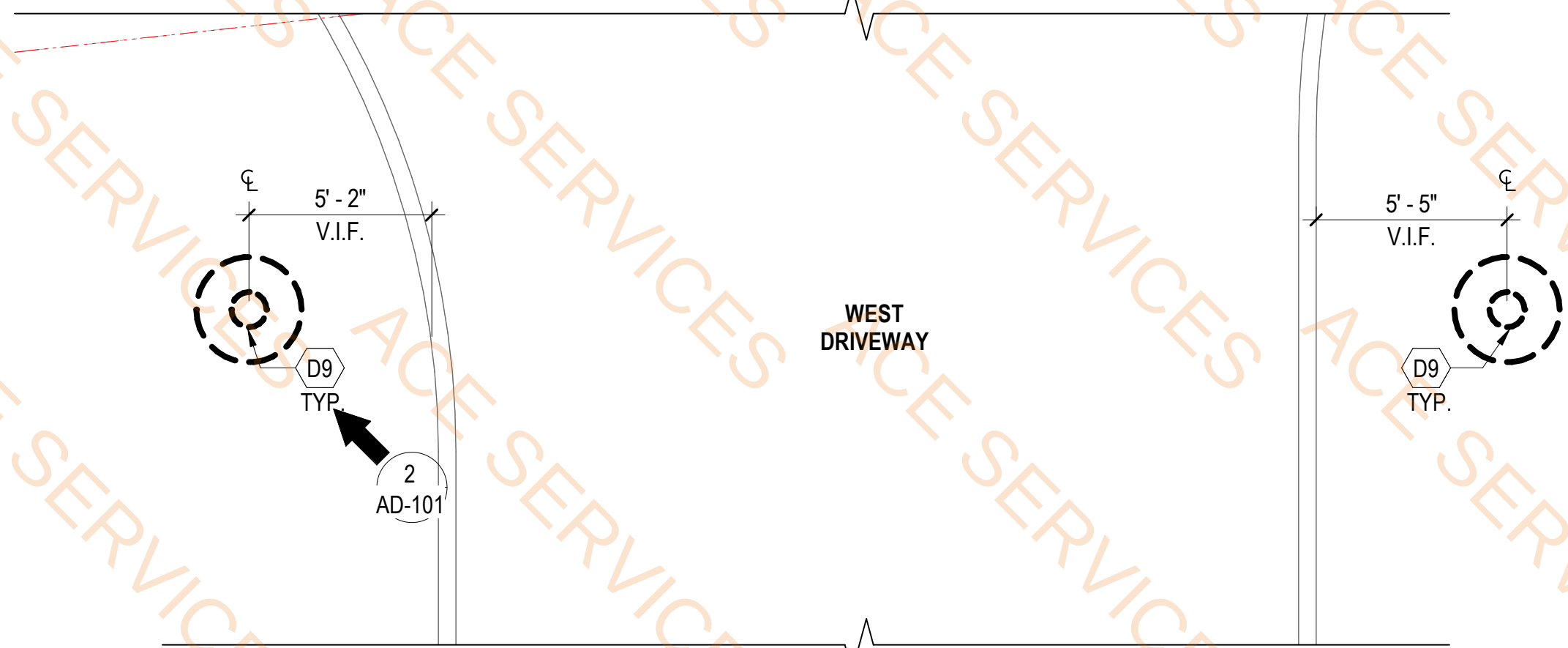
AERIAL VIEW
NTS



FINAL SUBMITTAL
05/22/2024

ATKINS 17304 PRESTON RD, SUITE 1300 DALLAS, TEXAS 75252 TBPE REG. #F-474	Michael Baker INTERNATIONAL 1501 LBJ FREEWAY, SUITE 650, DALLAS, TX 75234 PH: 469-801-8500 TBPE REG.		DESIGNED PJS DATE 05/22/2024	
	DRAWN SB/RL DATE 05/22/2024	CHECKED CP DATE 05/22/2024	SCALE	SHEET # 1 OF 38 G-001
CONTRACT NO. 06083-GEC-00-CN-MA				

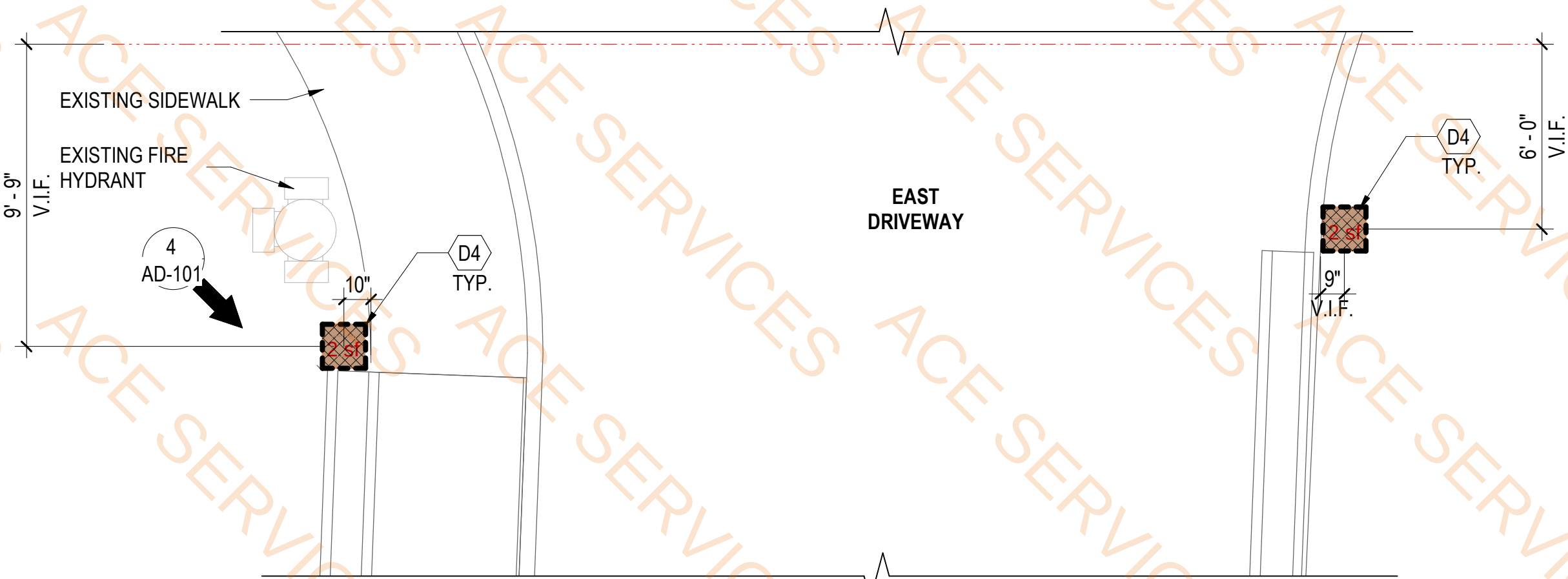
DEMOLITION - CONCRETE



1 ENLARGED SITE PLAN- NORTHWEST LIGHT BOLLARD DEMO
SCALE: 1/4" = 1'-0"



2 NORTH LIGHT BOLLARD



3 ENLARGED SITE PLAN - NORTHEAST CONCRETE PAD DEMO
SCALE: 1/4" = 1'-0"



4 NORTH CONCRETE PAD DEMO

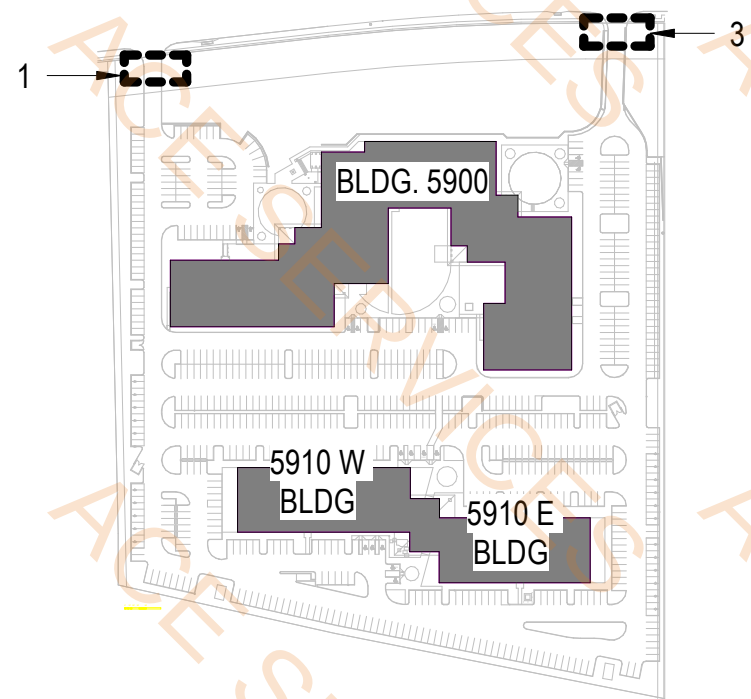
KEYNOTES

- D4 REMOVE CONCRETE BASE AND PORTION OF DAMAGED EXTERIOR CONDUIT TO POINT OF FAILURE AT EAST BRIDGE; REMOVE EXISTING WIRE/CONDUCTORS BACK TO NEAREST POINT OF SERVICE. REFERENCE SHEET AS-103 FOR NEW ELECTRICAL SCOPE
- D9 REMOVE EXISTING LIGHT BOLLARDS, LANDSCAPE EDGING AND ROCK ON BOTH SIDES OF THE WEST ENTRANCE DRIVE ALONG PLANO PARKWAY ROW

DEMO SITE PLAN LEGEND

- EXISTING BUILDING FOOTPRINT
- EXISTING CONDITIONS TO REMAIN
- SAWCUT, REMOVE AND REPLACE PORTION OF CONCRETE
- EXISTING CONDITIONS TO BE DEMOLISHED

KEY PLAN



NO.	DATE	REVISION	APPROV.

DALLAS NORTH TOLLWAY



DEMOLITION ENLARGED PLANS & PHOTOS - CONCRETE

Michael Baker INTERNATIONAL		1501 LBJ FREEWAY, SUITE 650, DALLAS, TX 75234 PH: 469-501-5500 TXBPE REG.	
DRAWN: JD/RL	DATE: 05/22/2024	DESIGNED: PJS	DATE: 05/22/2024
CHECKED: CP	DATE: 05/22/2024	SCALE: As indicated	
CONTRACT NO. 06083-GEC-00-CN-MA		SHEET #: 5 OF 38 AD-101	

Legend

Description

Quantity

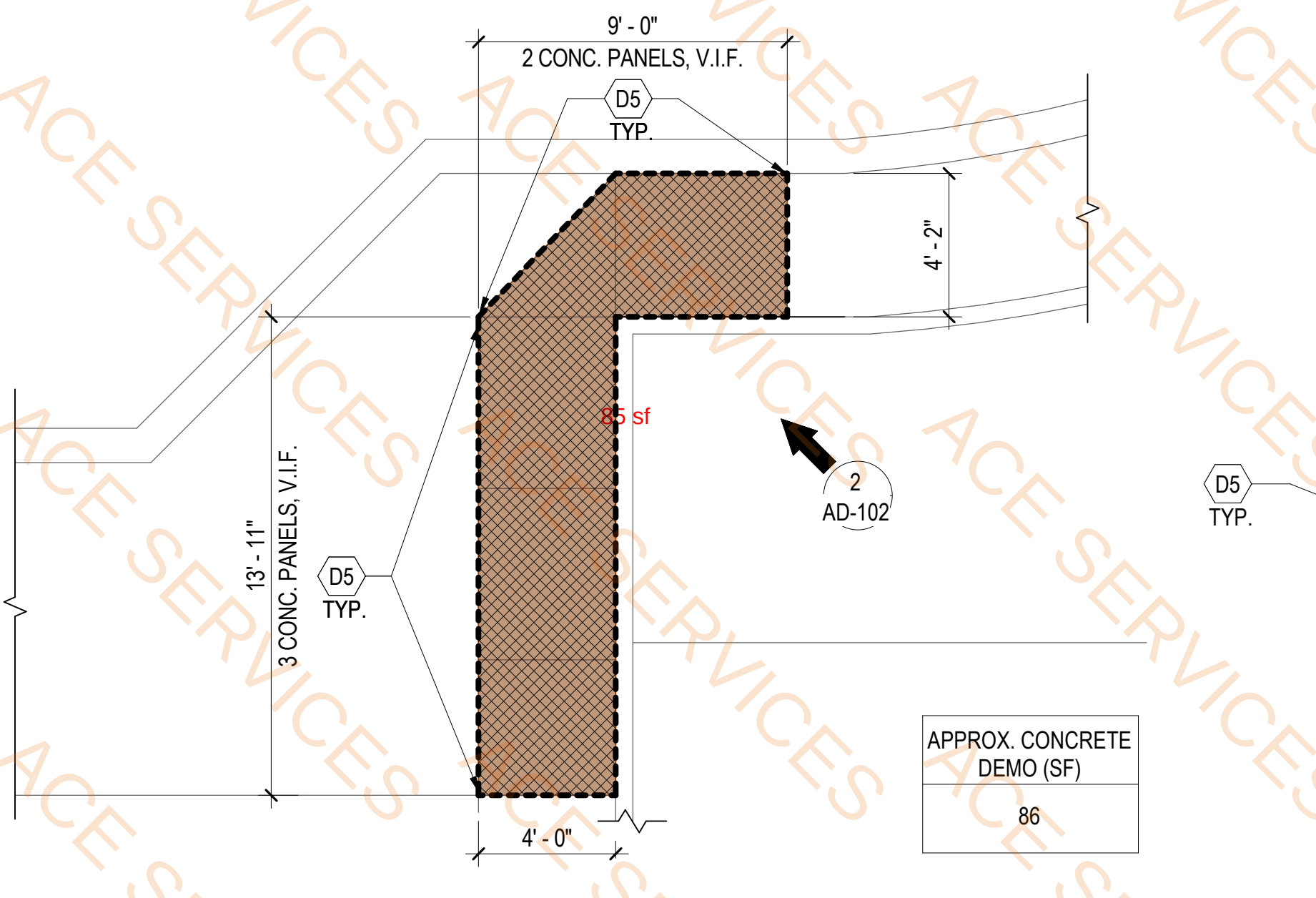
Unit

Existing concrete pad to be removed

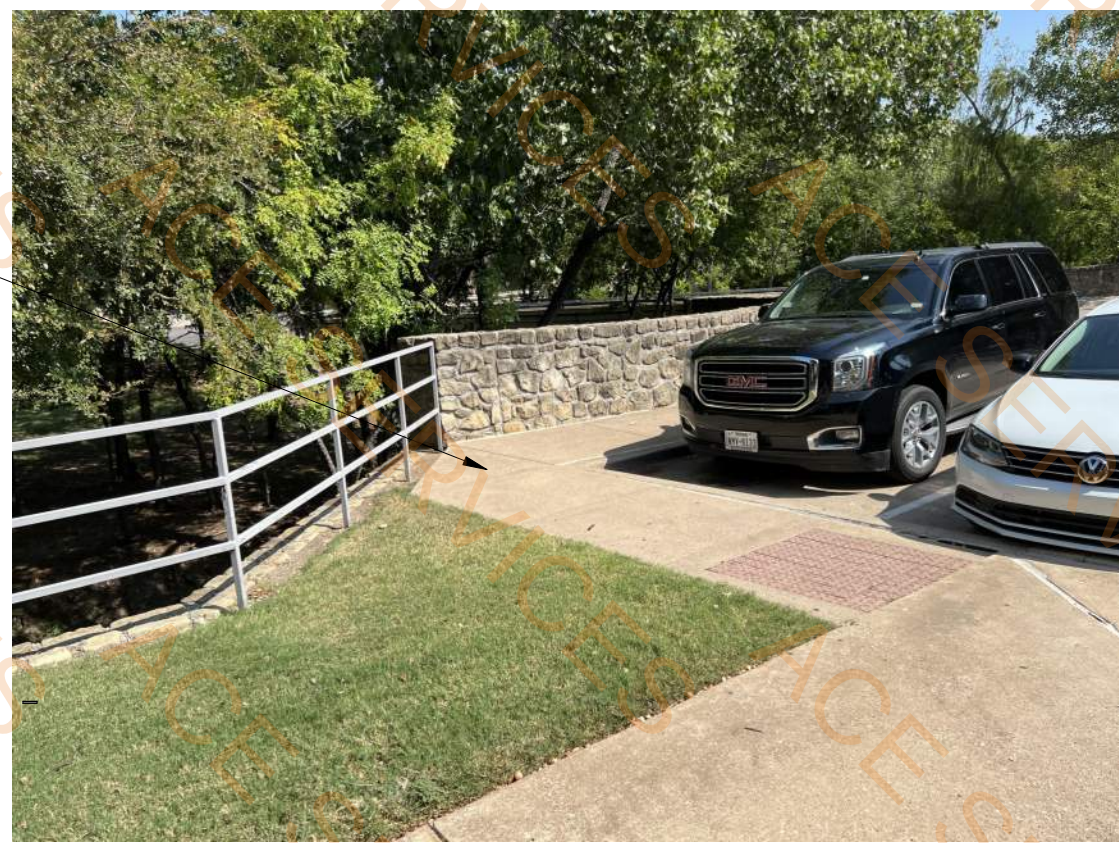
4

sf

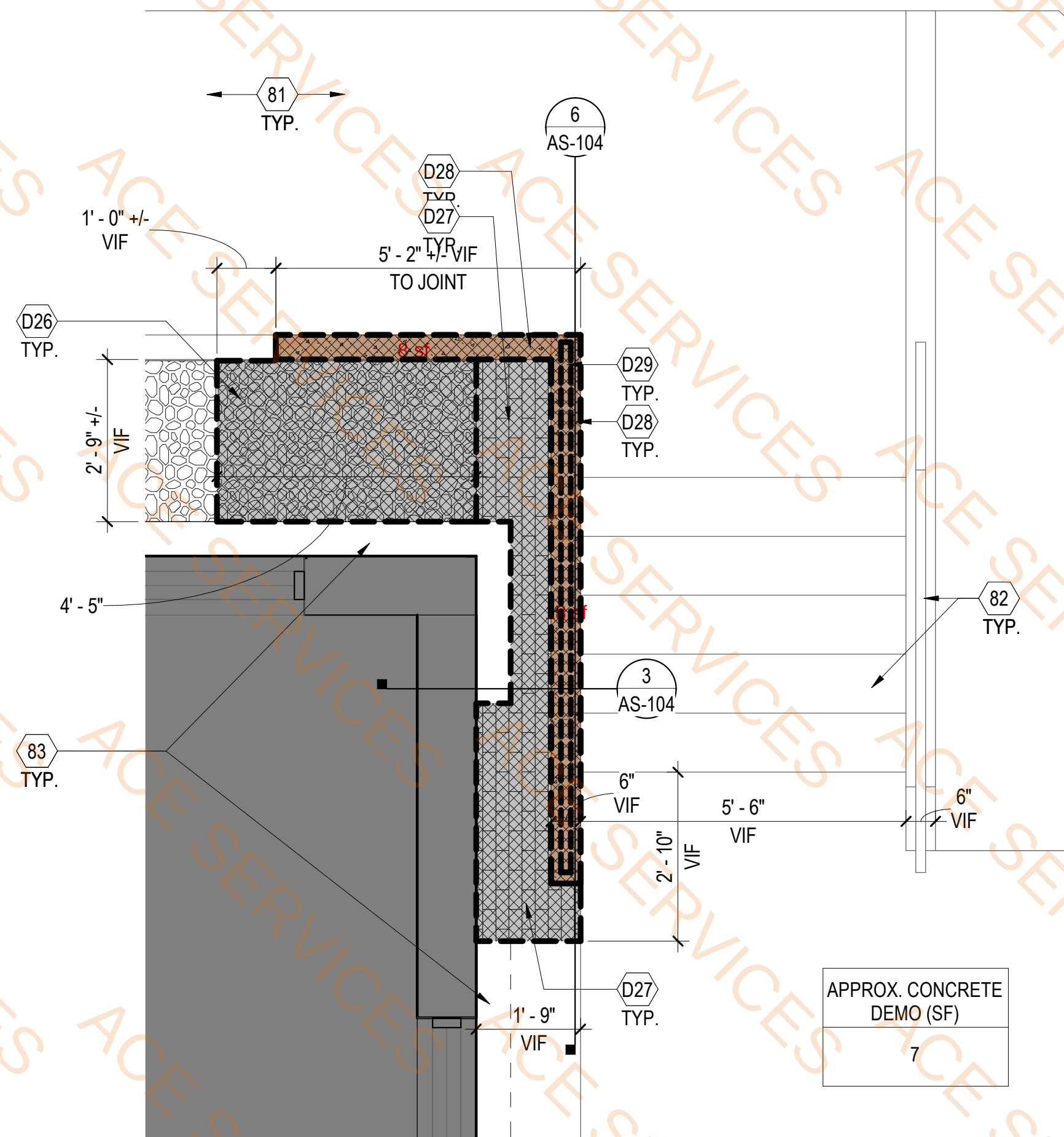
DEMOLITION - CONCRETE



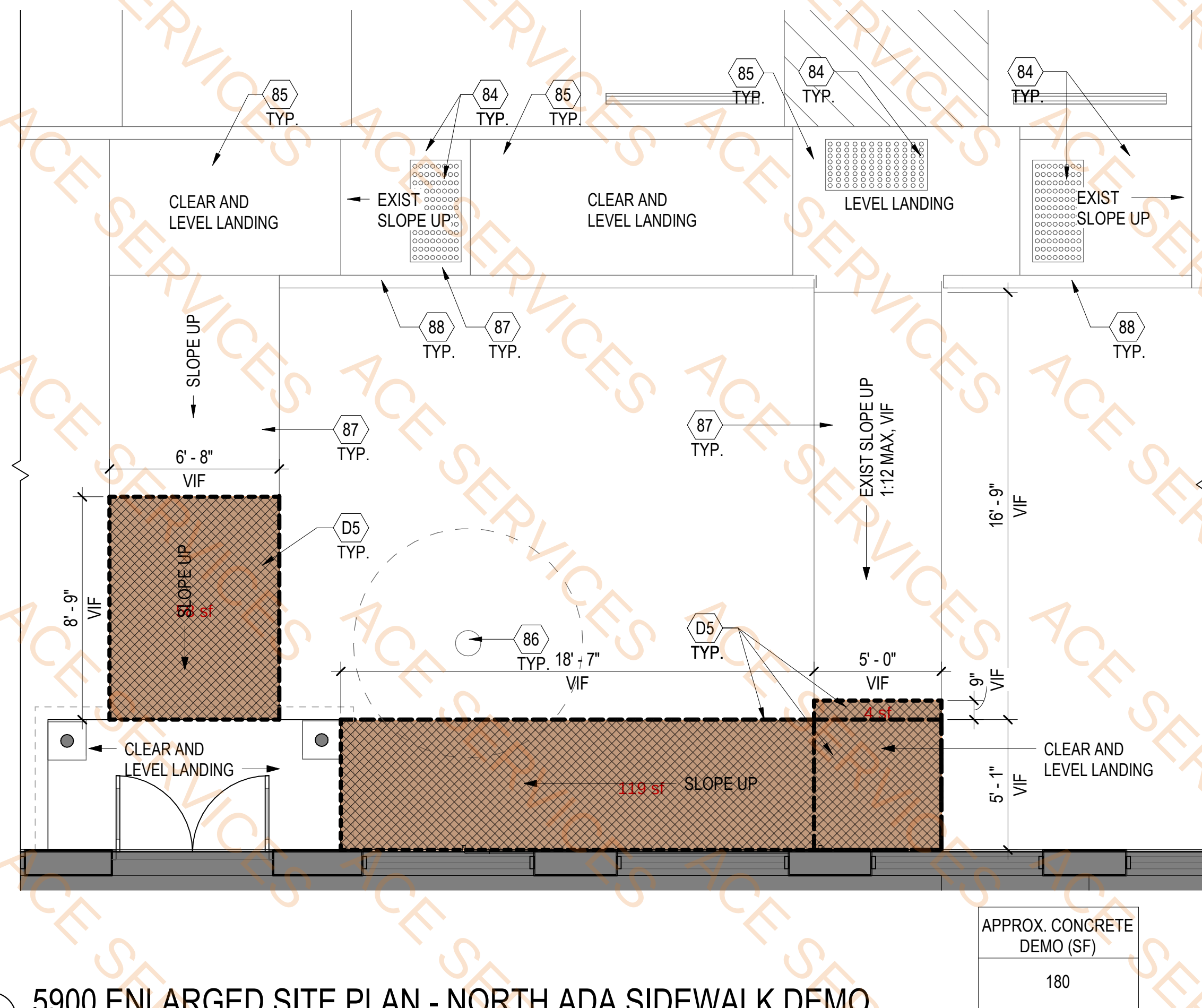
1 5900 ENLARGED SITE PLAN - NORTH SIDEWALK DEMO
SCALE: 1/4" = 1'-0"



2 NORTH SIDEWALK DEMO



3 5900 ENLARGED SITE PLAN - NORTH STAIR DEMO
SCALE: 1/2" = 1'-0"



4 5900 ENLARGED SITE PLAN - NORTH ADA SIDEWALK DEMO
SCALE: 1/4" = 1'-0"

TOTAL APPROX. CONC. DEMO (SF) 273

Legend			
Description	Quantity	Unit	
Existing sidewalk to be removed	267	sf	
Existing stair stringers to be removed	26	sf	

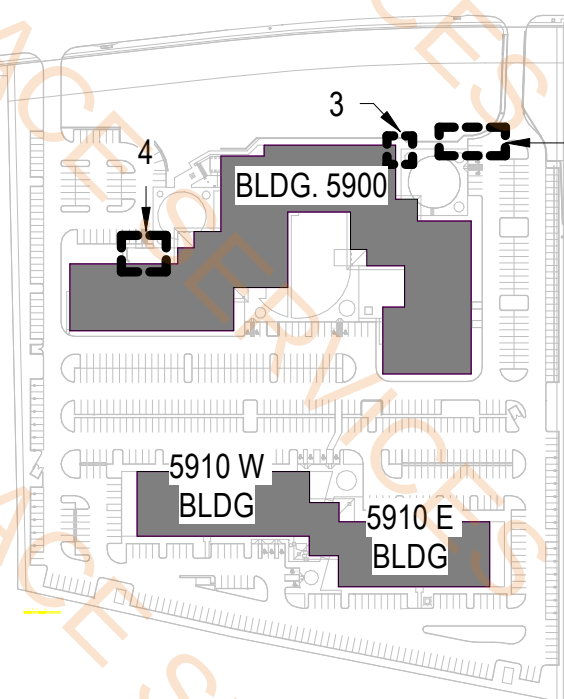
KEYNOTES

- 81 EXISTING SIDEWALK TO REMAIN, PROTECT DURING CONSTRUCTION.
- 82 EXISTING STAIRS AND RAILING, PROTECT DURING CONSTRUCTION.
- 83 EXISTING BUILDING 5900 FOUNDATION / FOOTING SYSTEM, PROTECT DURING CONSTRUCTION. IF SHORING IS REQUIRED, NOTIFY STRUCTURAL ENGINEER IMMEDIATELY FOR RESOLUTION.
- 84 EXISTING TRUNCATED DOMES TO REMAIN, PROTECT DURING CONSTRUCTION
- 85 EXISTING SIDEWALK AND CURB TO REMAIN, PROTECT DURING CONSTRUCTION
- 86 EXISTING MATURE TREE TO REMAIN, PROTECT DURING CONSTRUCTION
- 87 EXISTING RAMP TO REMAIN, PROTECT DURING CONSTRUCTION
- 88 EXISTING CURB TO REMAIN, PROTECT DURING CONSTRUCTION
- D5 SAWCUT AND REMOVE PORTION OF CONCRETE SIDEWALK, JOINT SEALANT AND BACKER ROD. REFERENCE SHEETS AS-100 THROUGH AS-105 FOR NEW CONCRETE SCOPE
- D26 SALVAGE RIVER ROCK WITHIN AREA INDICATED AS REQUIRED FOR INSTALLATION OF NEW WORK, SAVE FOR REUSE
- D27 SALVAGE PAVERS WITHIN AREA AS INDICATED AS REQUIRED FOR INSTALLATION OF NEW WORK, SAVE FOR REUSE
- D28 SAWCUT AND REMOVE STAIR STRINGER, STRINGER TURNDOWN BELOW GRADE, AND CURB AS INDICATED. PROTECT EXISTING 5900 BUILDING FOUNDATION DURING CONSTRUCTION. IF SHORING IS REQUIRED, NOTIFY STRUCTURAL ENGINEER IMMEDIATELY FOR RESOLUTION.
- D29 REMOVE, SALVAGE, AND TEMPORARILY STORE EXISTING HANDRAIL FOR REINSTALLATION. SAWCUT CONCRETE ADJACENT TO HANDRAIL AND FULLY REMOVE CONCRETE ATTACHED TO BOTTOM OF HANDRAIL. FULLY CLEAN PIPE OF ALL CONCRETE IN PREPARATION TO RE-CAST INTO NEW CONCRETE

DEMO SITE PLAN LEGEND

- EXISTING BUILDING FOOTPRINT
- EXISTING CONDITIONS TO REMAIN
- SAWCUT, REMOVE AND REPLACE PORTION OF CONCRETE
- EXISTING CONDITIONS TO BE DEMOLISHED

KEY PLAN



NO.	DATE	REVISION	APPROV.

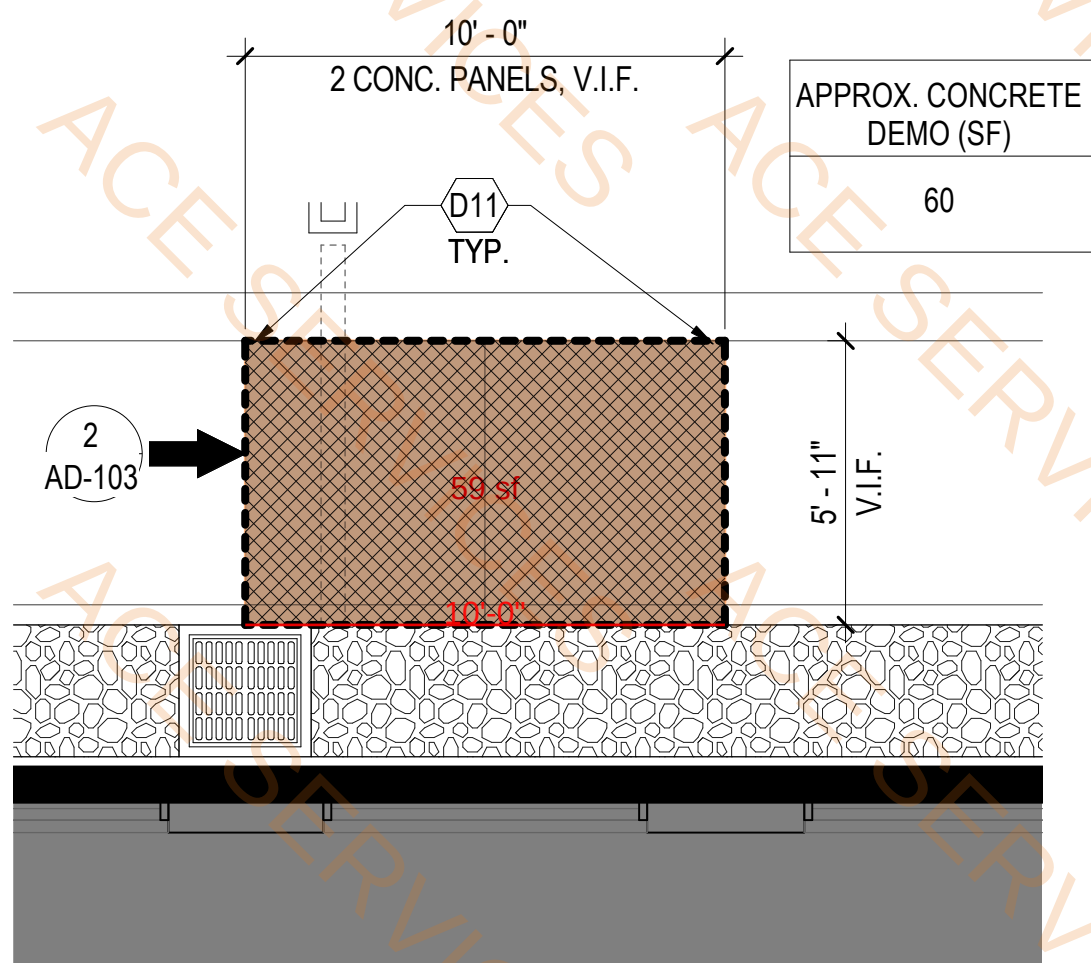
DALLAS NORTH TOLLWAY



DEMOLITION ENLARGED PLANS & PHOTOS - CONCRETE

Michael Baker INTERNATIONAL		1501 LBJ FREEWAY, SUITE 650, DALLAS, TX 75234 PH: 469-501-5500 TXBPE REG:	
DRAWN JD/RL	DATE 05/22/2024	DESIGNED PJS	DATE 05/22/2024
CHECKED CP	DATE 05/22/2024	SCALE As indicated	
CONTRACT NO. 06083-GEC-00-CN-MA		SHEET #: 6 OF 38 AD-102	

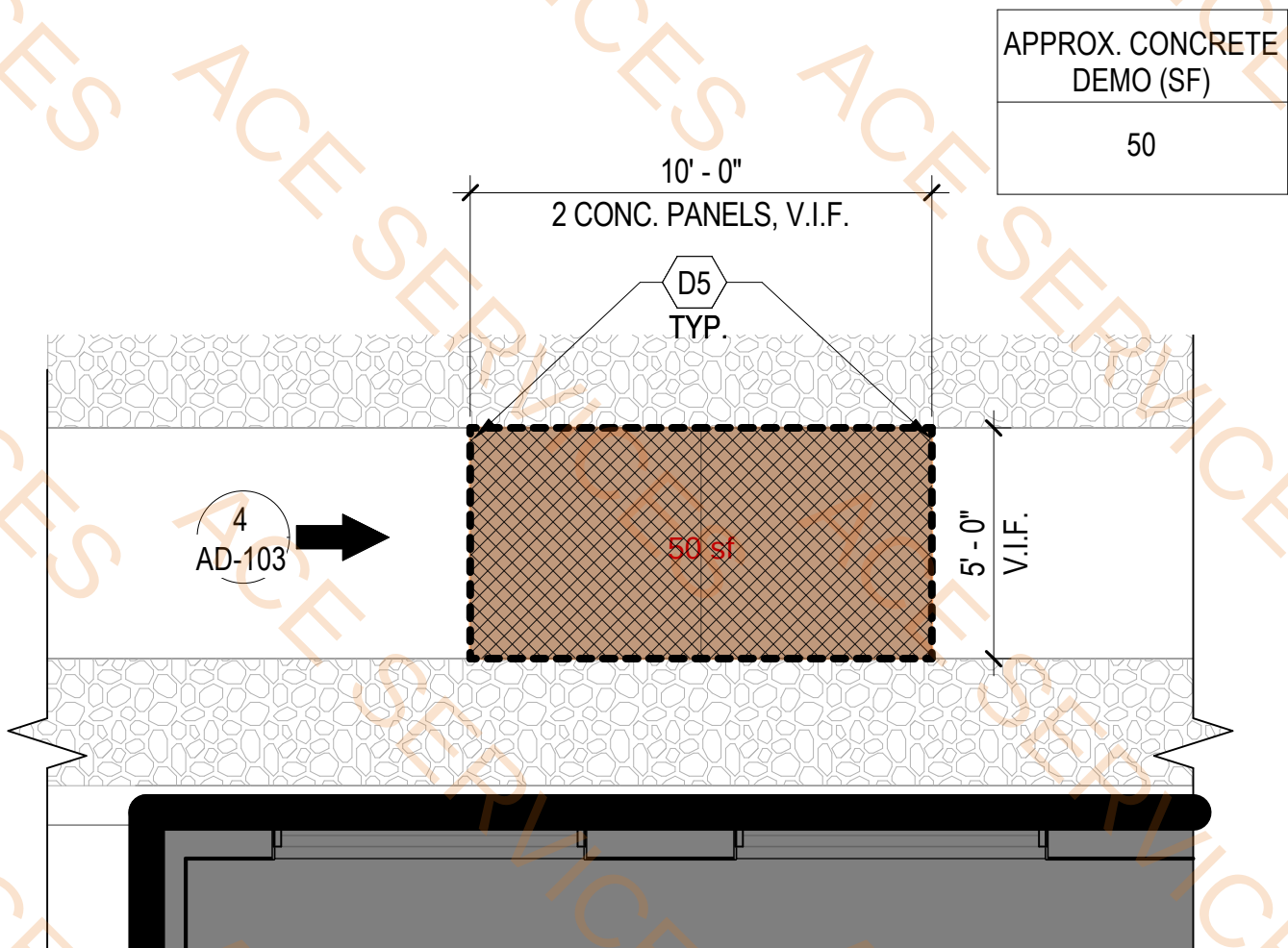
DEMOLITION - CONCRETE



1 5900 ENLARGED SITE PLAN - NORTH SIDEWALK DEMO
SCALE: 1/4" = 1'-0"



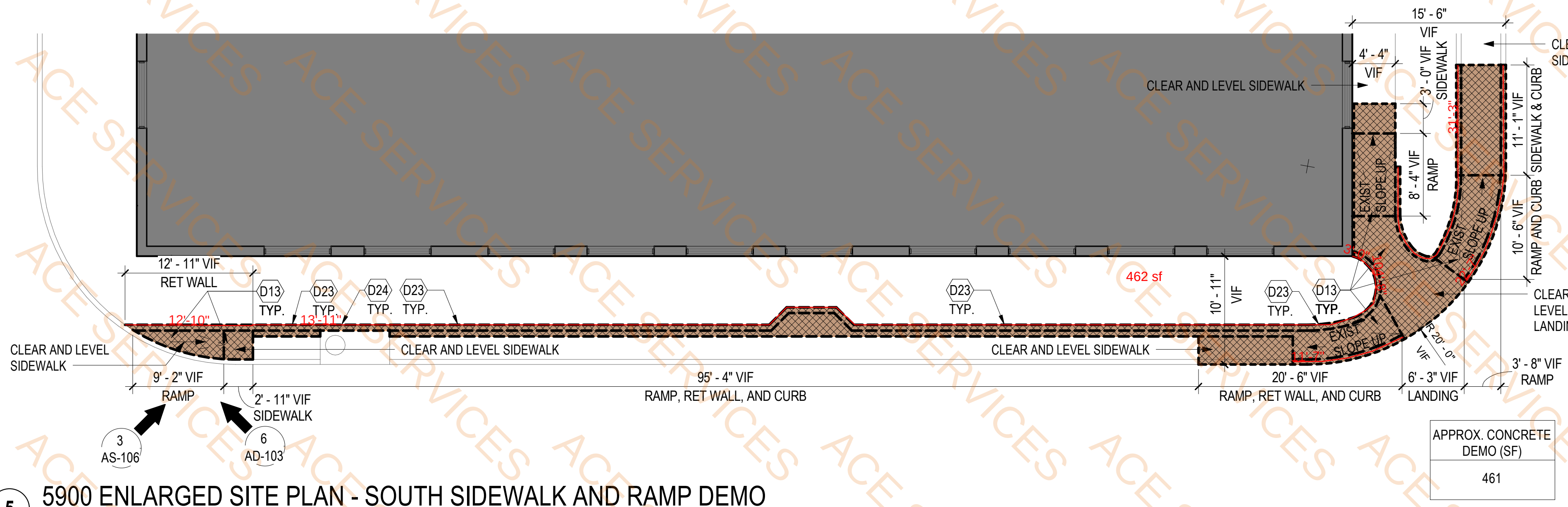
2 5900 NORTH SIDEWALK DEMO



3 5900 ENLARGED SITE PLAN - NORTH SIDEWALK DEMO
SCALE: 1/4" = 1'-0"



4 5900 NORTH SIDEWALK DEMO



5 5900 ENLARGED SITE PLAN - SOUTH SIDEWALK AND RAMP DEMO
SCALE: 1/8" = 1'-0"



6 5900 SOUTH CONCRETE CURB DEMO
SCALE: 1/2" = 1'-0"

Legend			
	Existing concrete curb to be removed	75.35	ft
	Existing concrete ramp to be removed	462	sf
	Existing concrete retaining wall to be removed	134.49	ft
	Existing sidewalk to be removed	109	sf

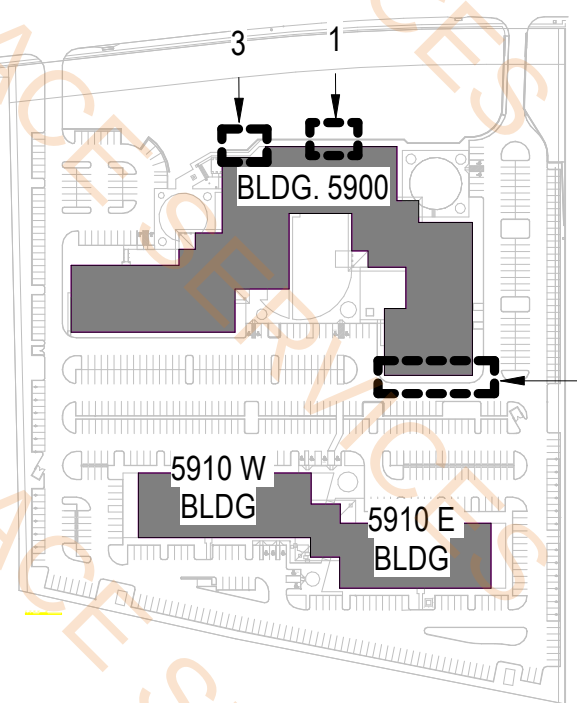
KEYNOTES

- D5 SAWCUT AND REMOVE PORTION OF CONCRETE SIDEWALK, JOINT SEALANT AND BACKER ROD. REFERENCE SHEETS AS-100 THROUGH AS-105 FOR NEW CONCRETE SCOPE
- D11 SAWCUT AND REMOVE PORTION OF EXISTING CONCRETE SIDEWALK WITH INTEGRAL CURB, JOINT SEALANT AND BACKER ROD. REFERENCE SHEETS AS-100 THROUGH AS-105 FOR NEW CONCRETE SCOPE
- D13 SAWCUT AND REMOVE PORTION OF RAMPS, LANDINGS, AND CURBS AS INDICATED. PROTECT EXISTING LANDSCAPE (MULCHED AREA) DURING CONSTRUCTION.
- D23 DEMOLISH 1'6" (+/-) TALL CONCRETE RETAINING WALL, AND SAWCUT SIDEWALK 4" FROM SOUTH FACE OF WALL, WHERE INDICATED, FOR WIDENING SIDEWALK AS SHOWN ON NEW CONSTRUCTION DRAWINGS. PORTION OF EXISTING SIDEWALK TO REMAIN AS INDICATED ON NEW CONSTRUCTION DETAILS. PROTECT EXISTING SIDEWALK DURING CONSTRUCTION
- D24 DEMO RETAINING WALL ON TOP OF PREFAB INLET BOX. INLET BOX TO REMAIN, PROTECT DURING CONSTRUCTION

DEMO SITE PLAN LEGEND

- EXISTING BUILDING FOOTPRINT
- EXISTING CONDITIONS TO REMAIN
- SAWCUT, REMOVE AND REPLACE PORTION OF CONCRETE
- EXISTING CONDITIONS TO BE DEMOLISHED

KEY PLAN



NO.	DATE	REVISION	APPROV.

DALLAS NORTH TOLLWAY



DEMOLITION ENLARGED PLANS & PHOTOS - CONCRETE

Michael Baker INTERNATIONAL

1501 LBJ FREEWAY, SUITE 650, DALLAS, TX 75234
PH: 469-901-5500
TXBPE REG:

DRAWN: JD/RL
CHECKED: CP

DATE: 05/22/2024
DATE: 05/22/2024

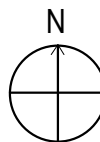
DESIGNED: PJS
SCALE: As indicated

DATE: 05/22/2024

CONTRACT NO. 06083-GEC-00-CN-MA

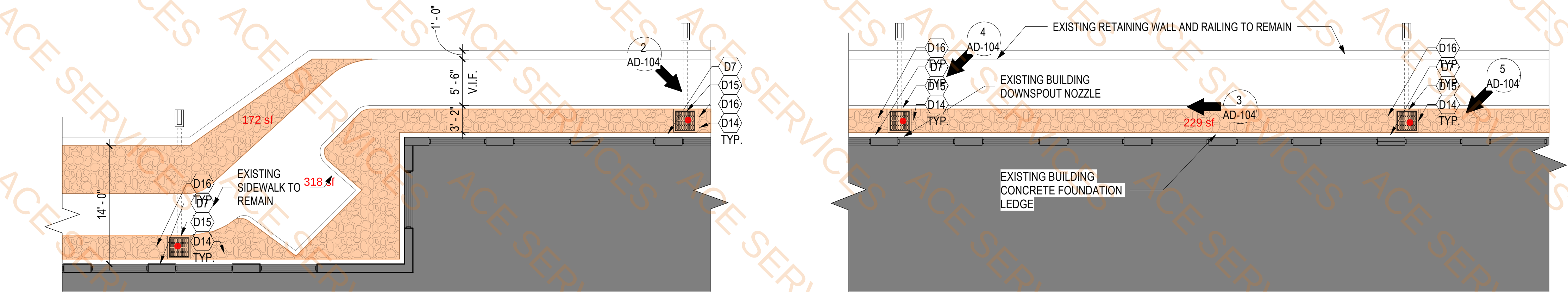
SHEET #: 7 OF 38 AD-103

2'-0" 4'-0" 8'-0"
SCALE: 1/4" = 1'-0"



DEMOLITION - INLET STEEL GRATES, CONCRETE & RIVER ROCK FLUMES

- KEYNOTES**
- D7 PROTECT EXISTING ROUGH-FACE VENEER MASONRY TO REMAIN; REMOVE EXCESS DEBRIS, ROCK, CONCRETE ON TOP OF HORIZONTAL FOUNDATION WALL SURFACE
 - D14 REMOVE LOOSE EXISTING RIVER ROCK WITHIN 5' EACH SIDE OF EXISTING INLET DRAIN AND SALVAGE FOR REUSE. REFERENCE SHEET AS-108 FOR NEW CONCRETE FLUME FOOTPRINT
 - D15 REMOVE EXISTING STEEL INLET GRATE; CLEAR DRAIN DEBRIS FROM INLET POINT TO OUTLET POINT
 - D16 REMOVE EXISTING CONCRETE FLUME WITH GROUTED RIVER ROCK; BREAK UP MORTAR AND RIVER ROCK, REMOVE MORTAR AND DISCARD. SALVAGE RIVER ROCK FOR RE-USE WITHIN EXISTING DRAINAGE BED. REUSE SALVAGED RIVER ROCK FROM EAST BRIDGE ABUTMENT AS AVAILABLE



1 5900 ENLARGED SITE PLAN - NORTH DRAINAGE DEMO
SCALE: 1/8" = 1'-0"



2 NORTH SIDEWALK



3 NORTH SIDEWALK



4 NORTH BUILDING OVERFLOW DRAINAGE

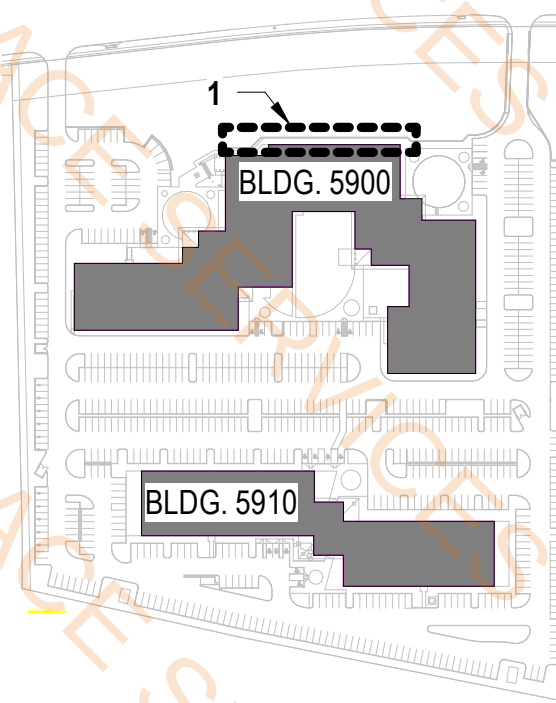


5 NORTH BUILDING OVERFLOW DRAINAGE

DEMO SITE PLAN LEGEND

- EXISTING BUILDING FOOTPRINT
- EXISTING CONDITIONS TO REMAIN
- EXISTING CONDITIONS TO BE DEMOLISHED

KEY PLAN



NO.	DATE	REVISION	APPROV.

DALLAS NORTH TOLLWAY



DEMOLITION ENLARGED PLANS & PHOTOS - INLET STEEL GRATES, CONCRETE & RIVER ROCK FLUMES

Michael Baker INTERNATIONAL

1501 LBJ FREEWAY, SUITE 650, DALLAS, TX 75234
PH: 469-501-1500
TXBPE REG.

DRAWN: JD/RL
CHECKED: CP

DATE: 05/22/2024
DATE: 05/22/2024

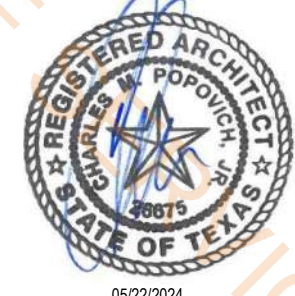
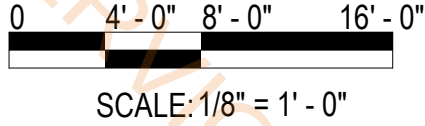
DESIGNED: PJS
SCALE: As indicated

DATE: 05/22/2024

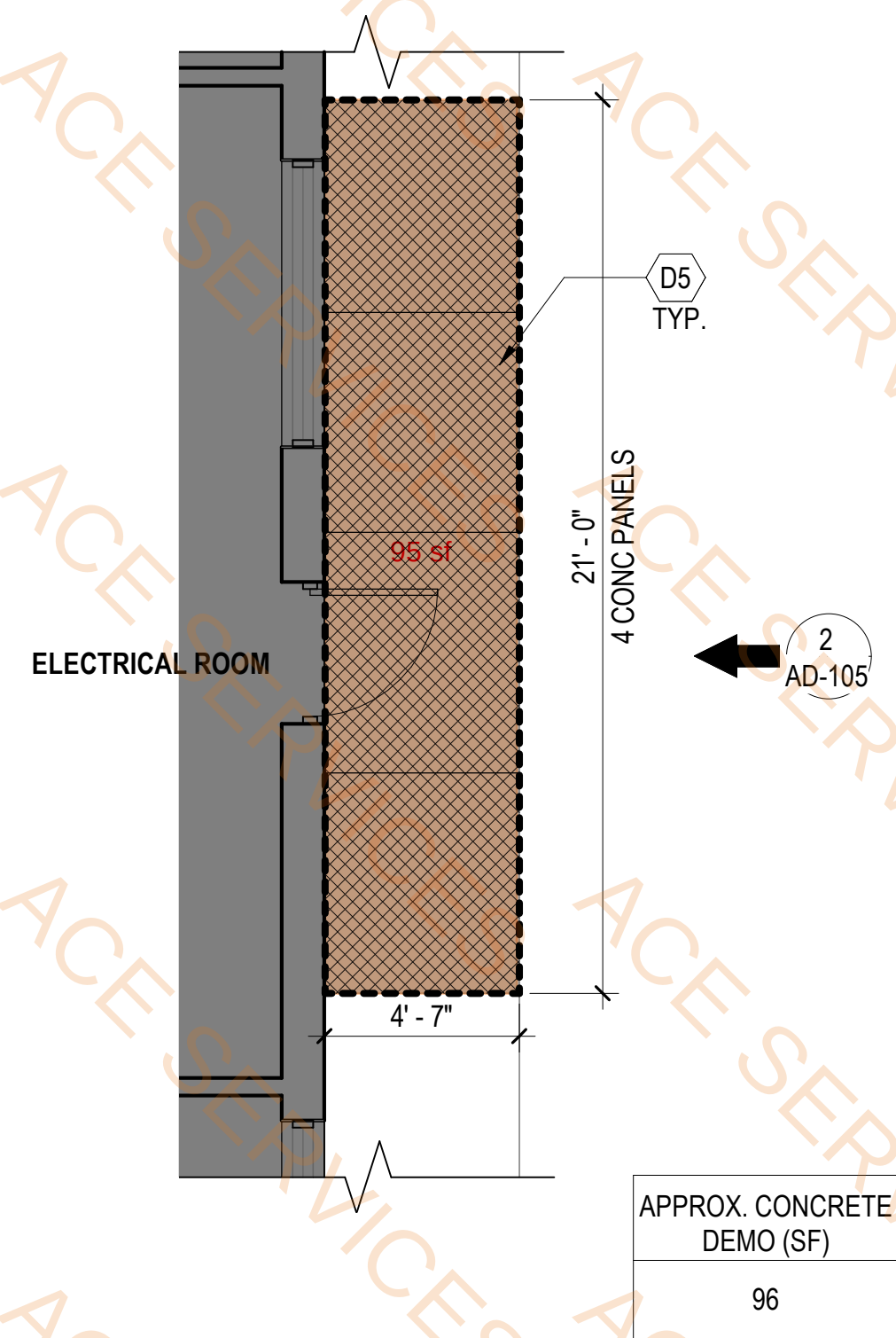
CONTRACT NO. 06083-GEC-00-CN-MA SHEET #: 8 OF 38 AD-104

Legend

Description	Quantity	Unit
Existing concrete flume with grouted river rock to be removed	718	sf
Existing steel inlet grate to be removed	4	Count



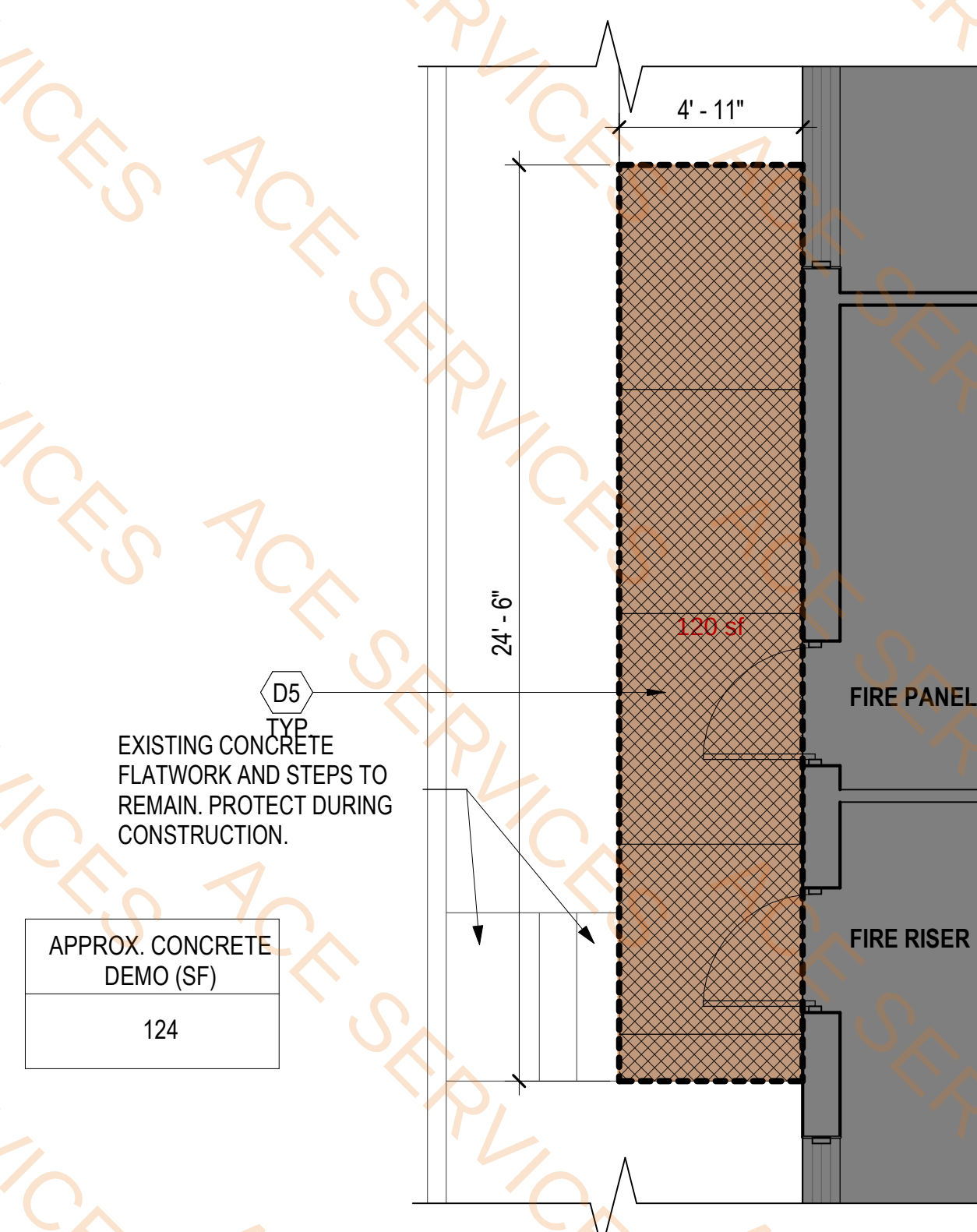
DEMOLITION - CONCRETE



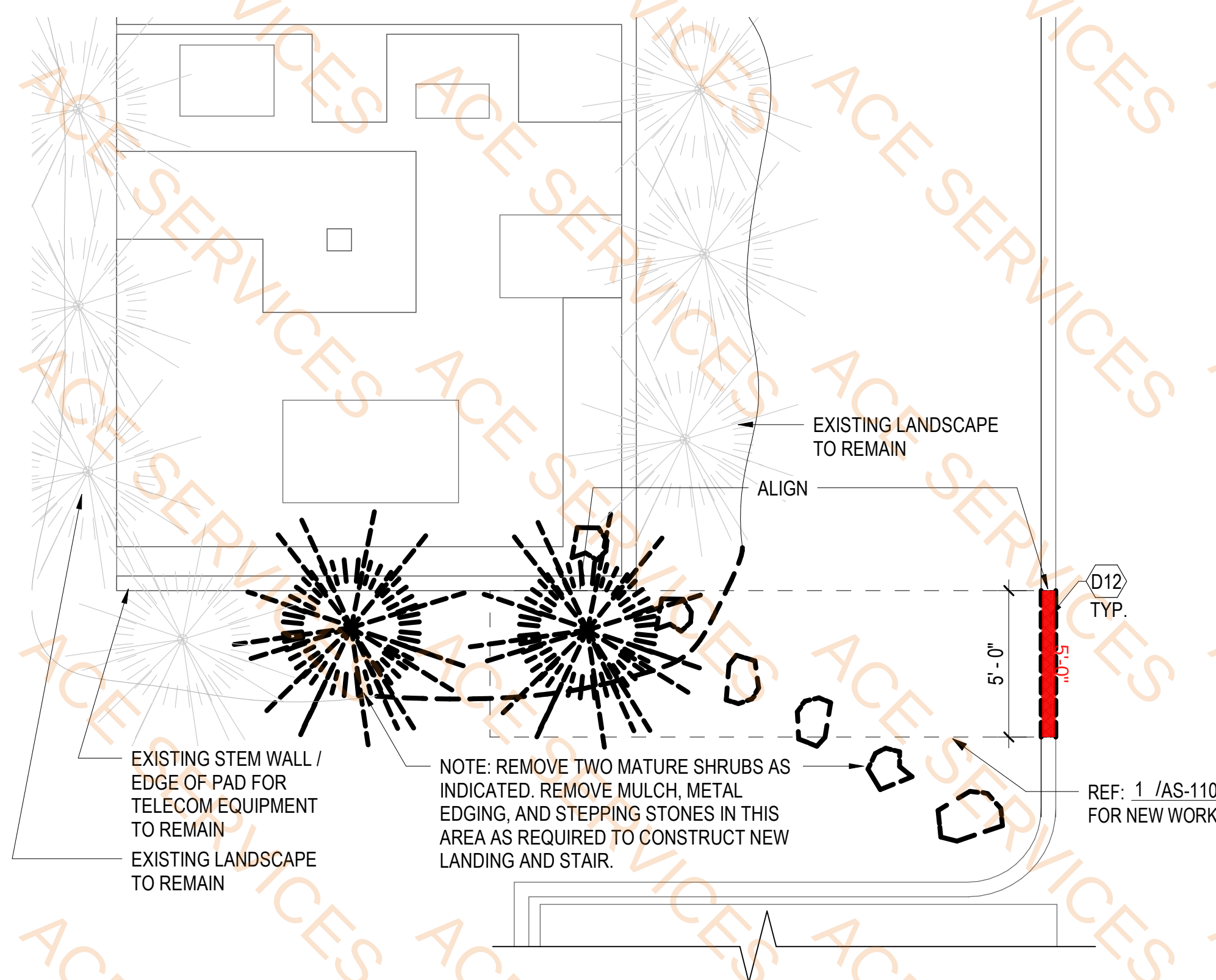
5900 ENLARGED SITE PLAN - EAST
EXTERIOR DOOR CONCRETE DEMO
SCALE: 1/4" = 1'-0"



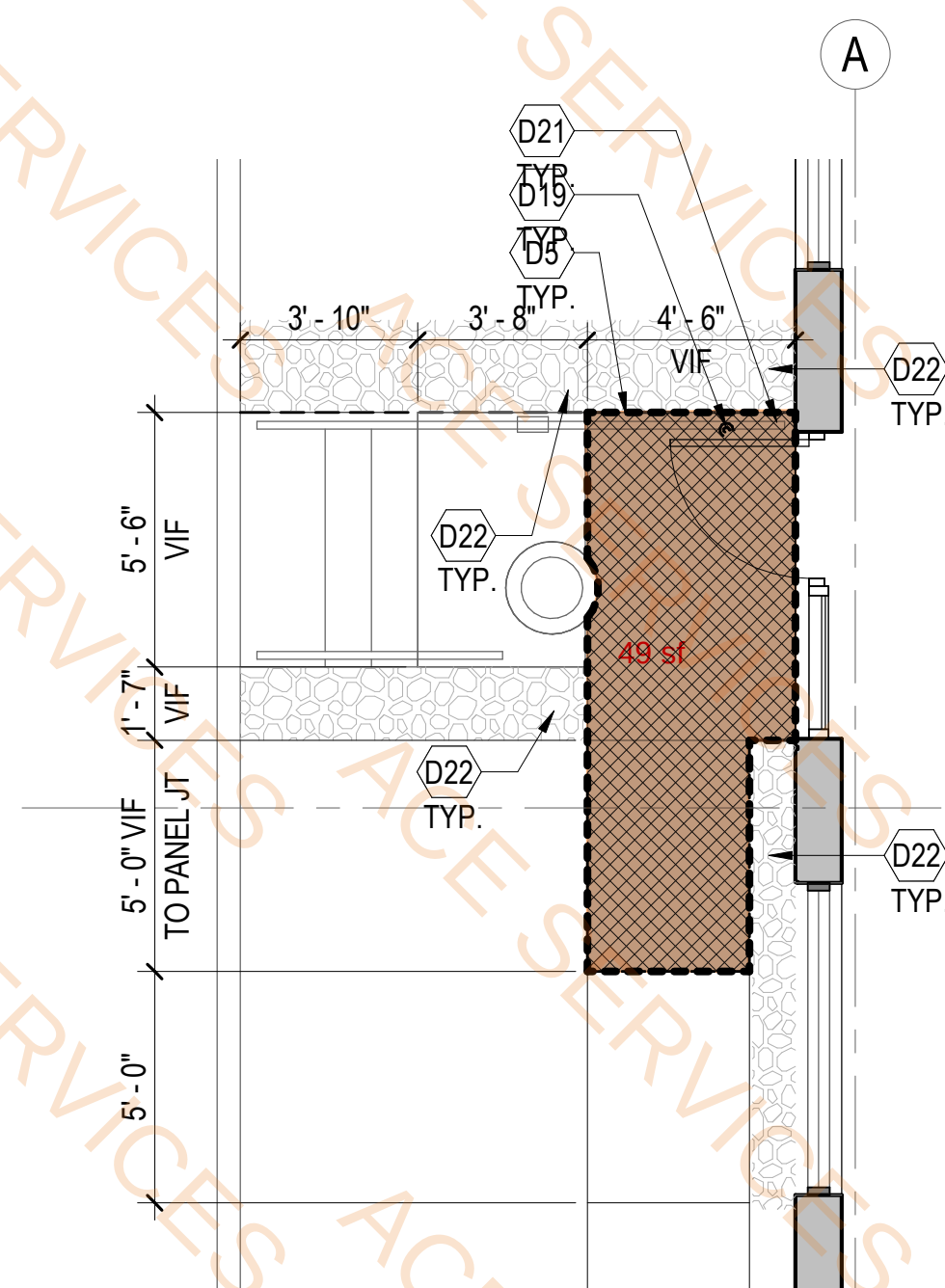
2 5900 EAST EXTERIOR DOOR CONCRETE DEMO



5900 ENLARGED SITE PLAN - WEST
3 SIDEWALK CONCRETE DEMO
SCALE: 1/4" = 1'-0"



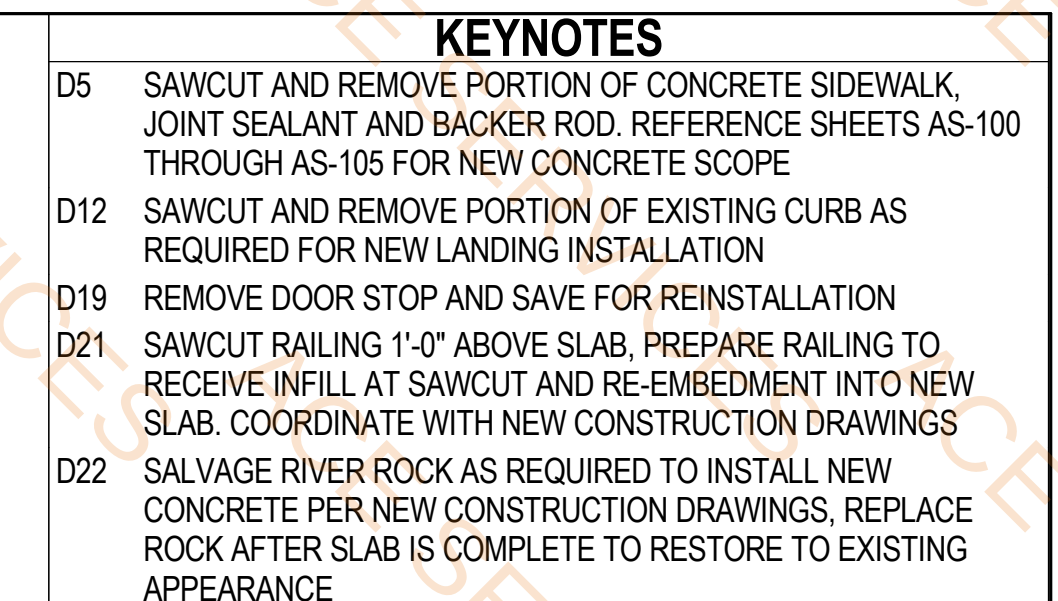
4 ENLARGED SITE PLAN - CURB CUT NEAR WEST TELCO PAD
SCALE: 1/4" = 1'-0"



5 ENLARGED SITE PLAN - 5900 WEST
EMPLOYEE ENTRANCE
SCALE: 1/4" = 1'-0"

TOTAL APPROX. CONC. DEMO (SF)	216
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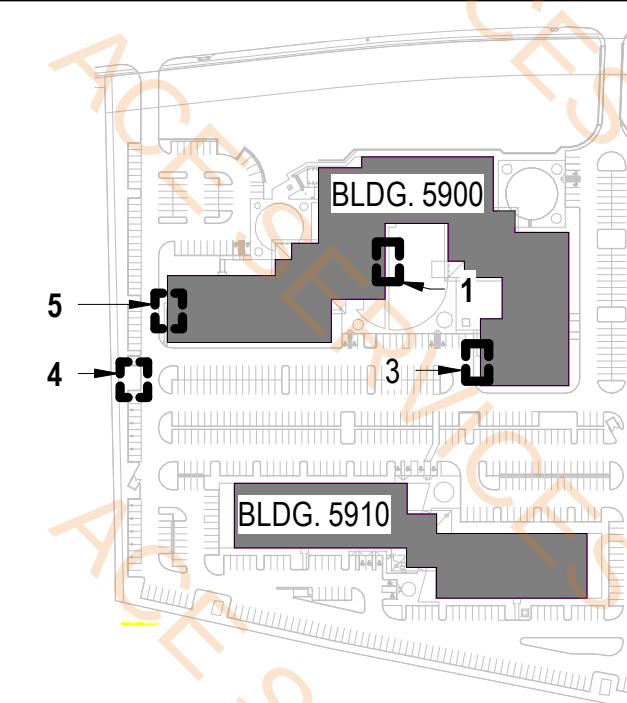
Legend			
	Description	Quantity	Unit
	Existing concrete curb to be removed	5.00	ft
	Existing sidewalk to be removed	264	sf



DEMO SITE PLAN LEGEND

 EXISTING BUILDING FOOTPRINT
 EXISTING CONDITIONS TO REMAIN
 SAWCUT, REMOVE AND REPLACE PORTION OF CONCRETE
 EXISTING CONDITIONS TO BE DEMOLISHED

KEY PLAN



NO.	DATE	REVISION	APPROV.

DALLAS NORTH TOLLWAY



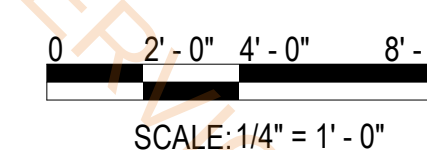
DEMOLITION ENLARGED PLANS & PHOTOS - CONCRETE

Michael Baker
INTERNATIONAL

1501 LBJ FREEWAY,
SUITE 650, DALLAS, TX 75234
PH: 469-801-8500
TRPF REG:

DRAWN JD/RL	DATE 05/22/2024	DESIGNED PJS	DATE 05/22/2024
CHECKED CP	DATE 05/22/2024	SCALE As indicated	

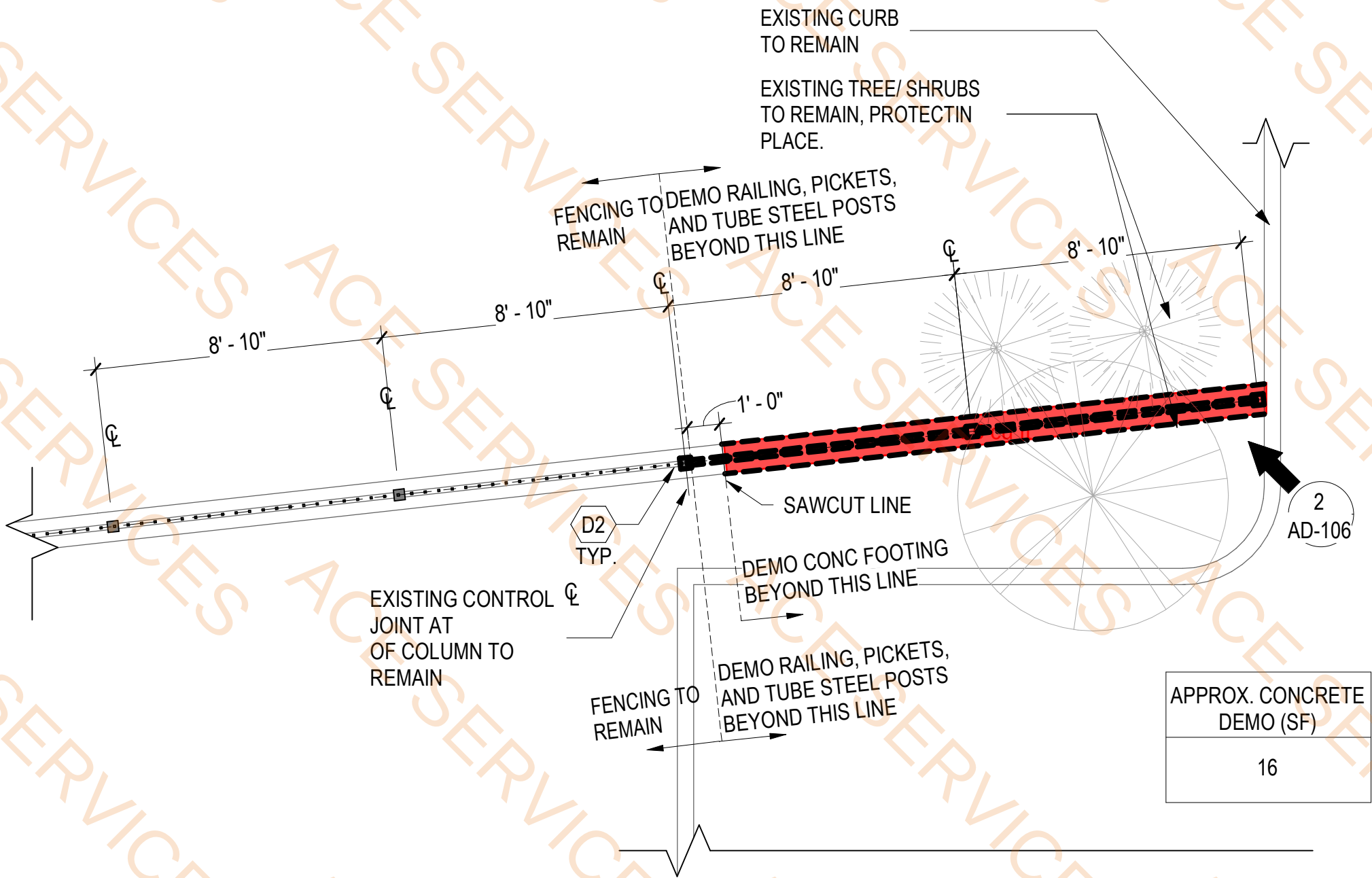
CONTRACT NO. 06083-GEC-00-CN-MA SHEET #: 9 OF 38 AD-105



DEMOLITION - ORNAMENTAL FENCING SEGMENT & SIGNAGE

KEYNOTES

- D1 PROTECT EXISTING LANDSCAPING AND PLANTINGS TO REMAIN
- D2 PROTECT EXISTING FENCE, POSTS AND CONCRETE FOOTING TO REMAIN
- D3 REMOVE PORTION OF EXISTING FENCE, CONCRETE FOOTING, FIRST TWO STEEL FENCING POSTS, VERTICAL STEEL PICKETS AND HORIZONTAL CONNECTION RAILS FLUSH TO THE FACE OF THE REMAINING THIRD STEEL POST. REPAIR THE THIRD POST AS AN END POST
- D6 REMOVE EXISTING POLE MOUNTED SIGN AND SALVAGE FOR REINSTALLATION IN NEW LOCATION
- D8 REMOVE PORTION OF LANDSCAPE IRRIGATION PIPING AND CAP PRIOR TO INSTALLATION OF CONCRETE
- D25 REMOVE, SALVAGE, AND TEMPORARILY STORE EXISTING HANDRAIL / GUARDAIL SYSTEM FOR REINSTALLATION. SAWCUT CONCRETE ADJACENT TO HANDRAIL AND FULLY REMOVE CONCRETE ATTACHED TO BOTTOM OF HANDRAIL. FULLY CLEAN PIPE OF ALL CONCRETE IN PREPARATION TO RE-CAST INTO NEW CONCRETE
- D30 SAWCUT AND REMOVE PORTION OF STAIR AND LANDING AS INDICATED, +/- 1'-0" DEEP



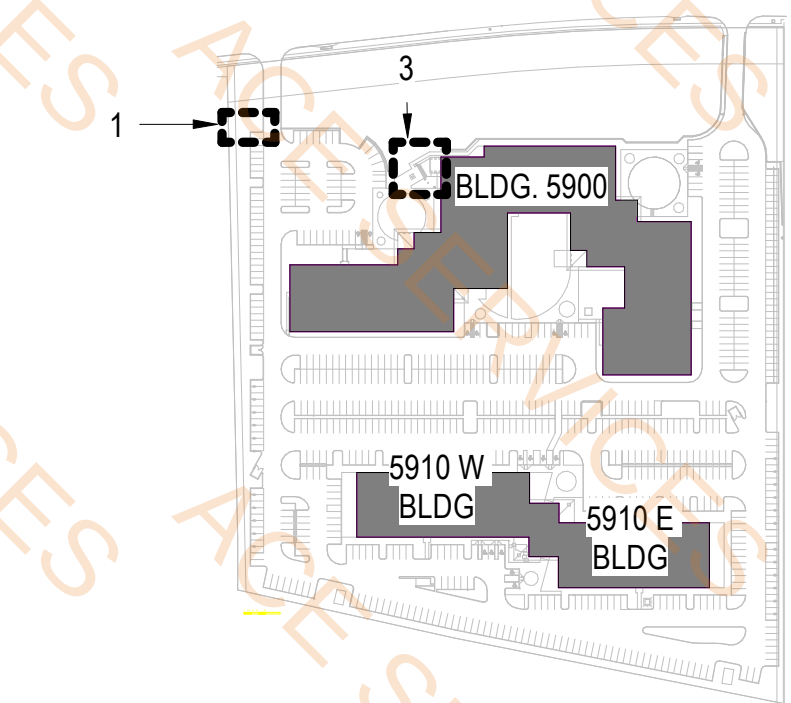
1 ENLARGED SITE PLAN - NORTHWEST FENCE DEMO
SCALE: 1/4" = 1'-0"

2 NORTHWEST FENCING DEMO

DEMO SITE PLAN LEGEND

- EXISTING BUILDING FOOTPRINT
- EXISTING CONDITIONS TO REMAIN
- EXISTING CONDITIONS TO BE DEMOLISHED

KEY PLAN



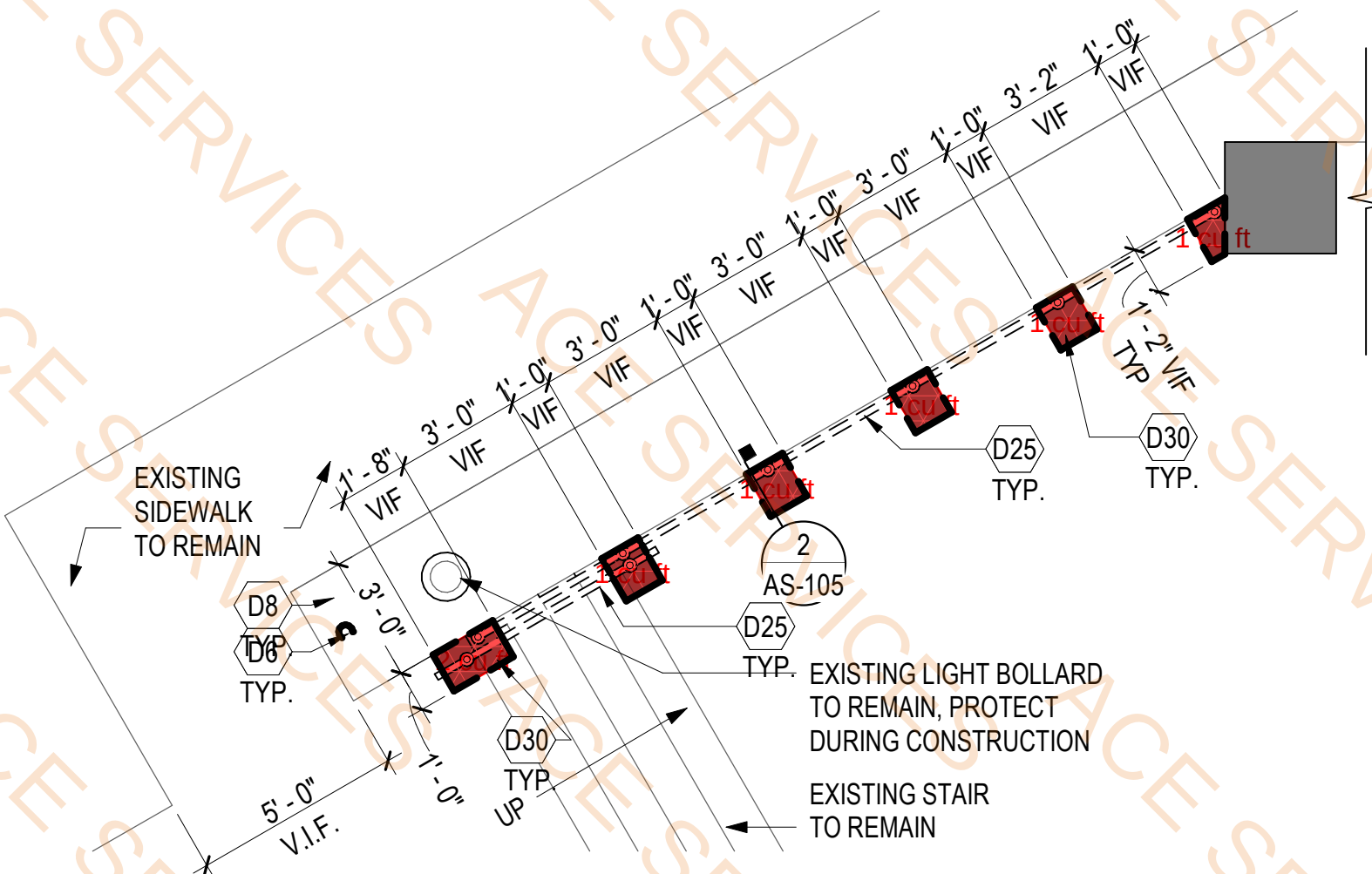
NO.	DATE	REVISION	APPROV.

DALLAS NORTH TOLLWAY



DEMOLITION ENLARGED PLANS & PHOTOS - CONCRETE & FENCING

Michael Baker INTERNATIONAL		1501 LBJ FREEWAY, SUITE 650, DALLAS, TX 75234 PH: 469-501-5500 TXBPE REG:	
DRAWN: JD	DATE: 05/22/2024	DESIGNED: PJS	DATE: 05/22/2024
CHECKED: CP	DATE: 05/22/2024	SCALE: As indicated	
CONTRACT NO. 06083-GEC-00-CN-MA		SHEET #: 10 OF 38 AD-106	



TOTAL APPROX. CONC. DEMO (SF)	25
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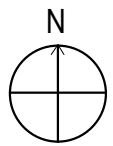
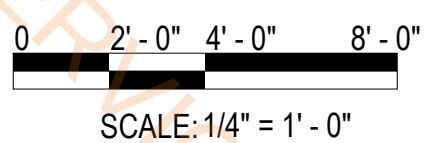
APPROX. CONCRETE DEMO (SF)	9
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5900 ENLARGED SITE PLAN- NORTHWEST STAIR, SIGNAGE AND PARTIAL CONCRETE LANDING / STAIR DEMO

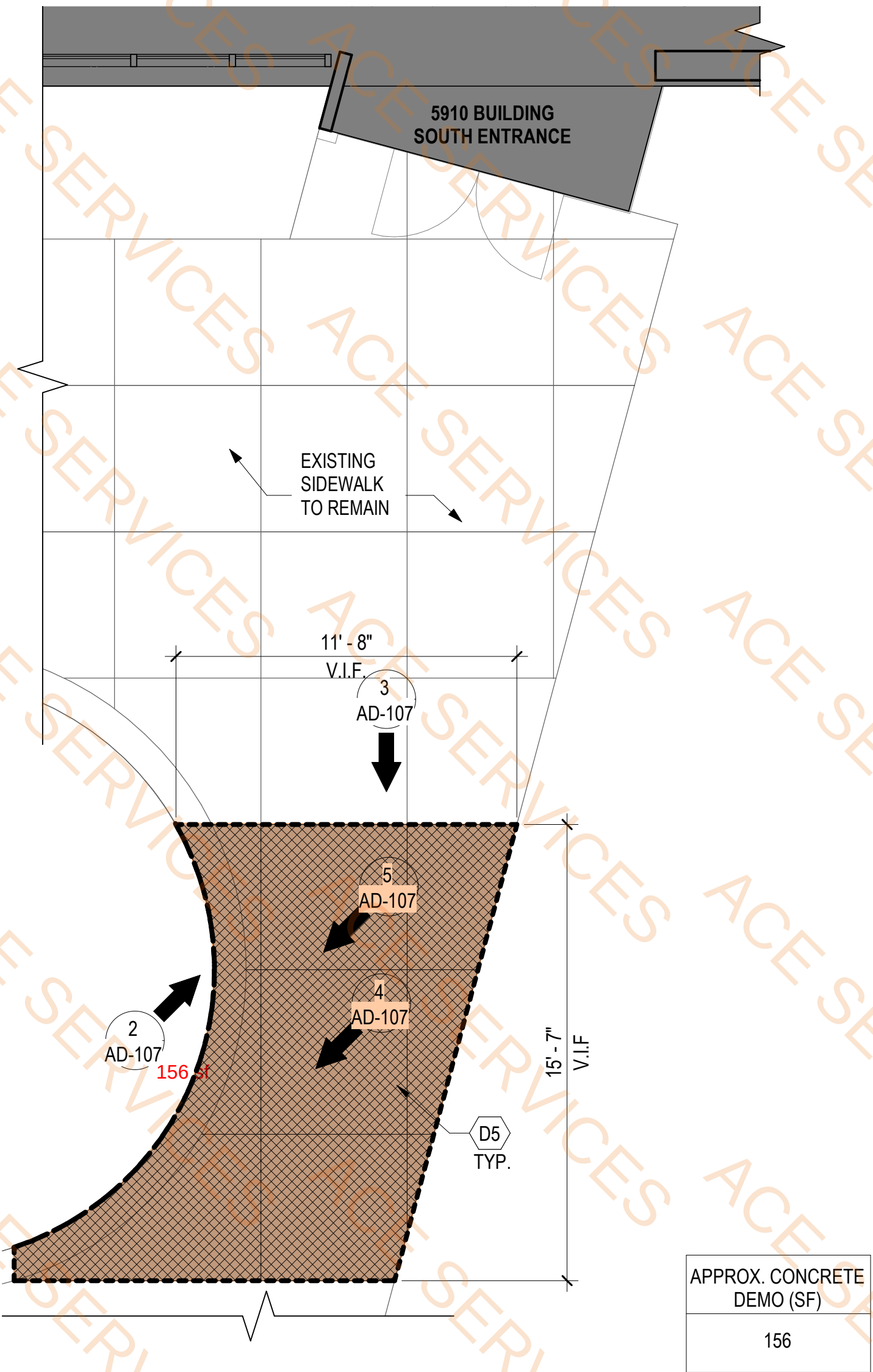
3 SCALE: 1/4" = 1'-0"

Legend

Description	Quantity	Unit
Existing concrete footing to be removed	22	cu ft



DEMOLITION - CONCRETE



1 5910 ENLARGED SITE PLAN - SOUTH ENTRANCE CONCRETE DEMO
SCALE: 1/4" = 1'-0"



2 5910 SOUTH ENTRANCE DEMO



3 5910 SOUTH ENTRANCE DEMO



4 5910 SOUTH ENTRANCE DEMO



5 5910 SOUTH ENTRANCE DEMO

KEYNOTES
D5 SAWCUT AND REMOVE PORTION OF CONCRETE SIDEWALK, JOINT SEALANT AND BACKER ROD. REFERENCE SHEETS AS-100 THROUGH AS-105 FOR NEW CONCRETE SCOPE

DEMO SITE PLAN LEGEND

- EXISTING BUILDING FOOTPRINT
- EXISTING CONDITIONS TO REMAIN
- SAWCUT, REMOVE AND REPLACE PORTION OF CONCRETE
- EXISTING CONDITIONS TO BE DEMOLISHED

KEY PLAN

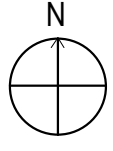
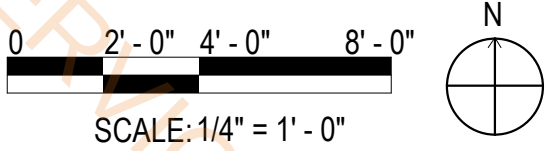
NO.	DATE	REVISION	APPROV.

DALLAS NORTH TOLLWAY

NTTA
NORTH TEXAS TOLLWAY AUTHORITY

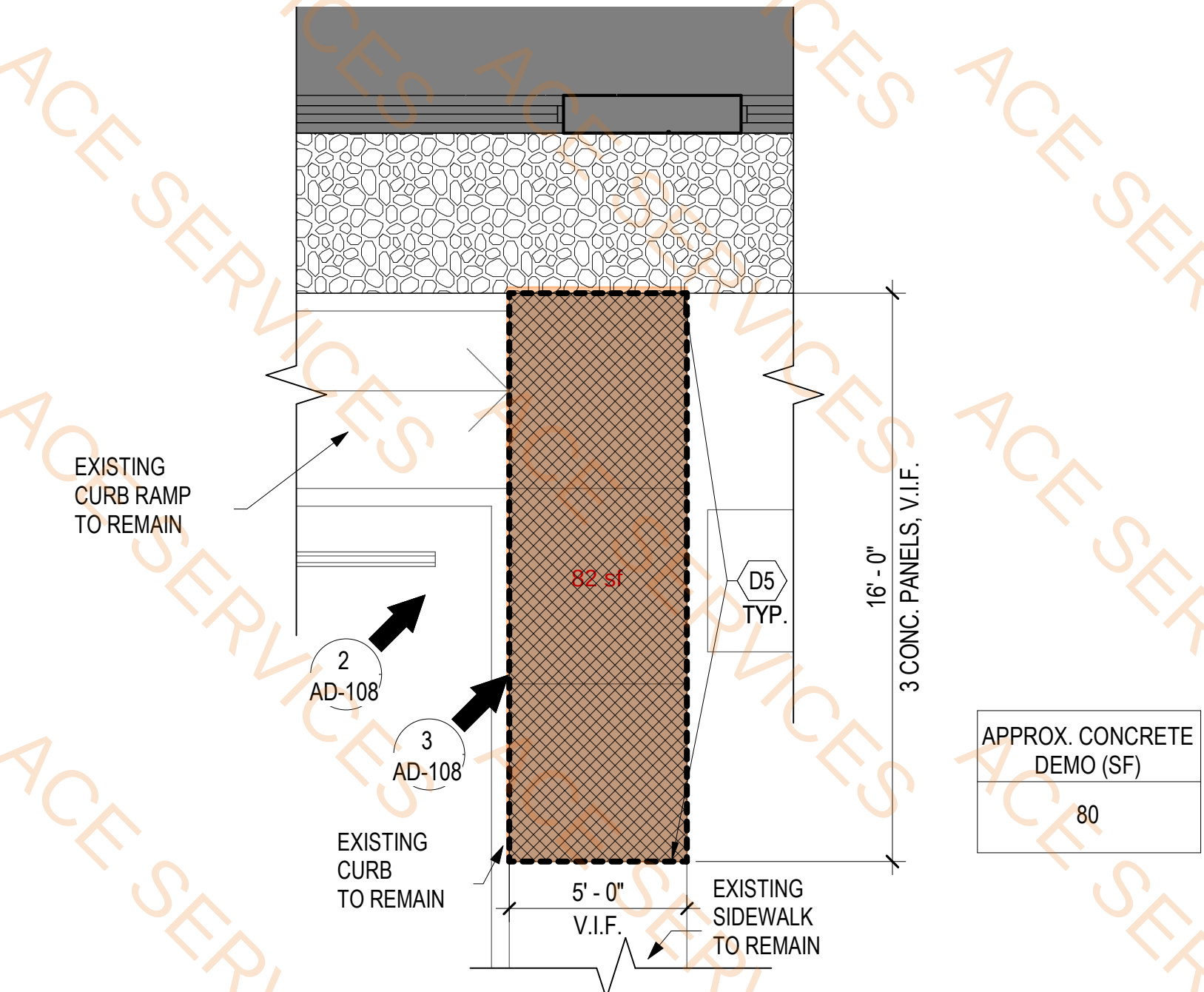
DEMOLITION ENLARGED PLANS & PHOTOS - CONCRETE

Michael Baker INTERNATIONAL		1501 LBJ FREEWAY, SUITE 650, DALLAS, TX 75234 PH: 469-901-6500 TXBPE REG.	
DRAWN JD/RL	DATE 05/22/2024	DESIGNED PJS	DATE 05/22/2024
CHECKED CP	DATE 05/22/2024	SCALE As indicated	
CONTRACT NO. 06083-GEC-00-CN-MA		SHEET #: 11 OF 38 AD-107	



Legend			
	Description	Quantity	Unit
	Existing sidewalk to be removed	156	sf

DEMOLITION - CONCRETE



1 5910 ENLARGED SITE PLAN - SOUTH SIDEWALK CONCRETE DEMO
SCALE: 1/4" = 1'-0"



2 5910 SOUTH SIDEWALK CONCRETE DEMO



3 5910 SOUTH SIDEWALK CONCRETE DEMO

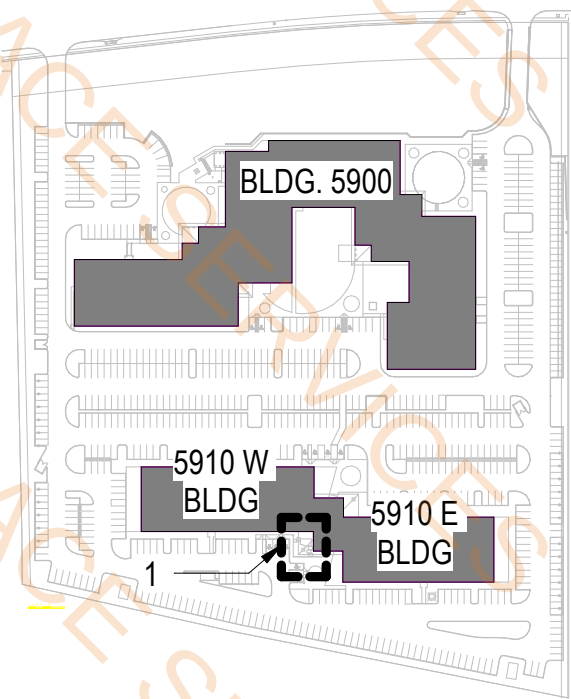
KEYNOTES

D5 SAWCUT AND REMOVE PORTION OF CONCRETE SIDEWALK, JOINT SEALANT AND BACKER ROD. REFERENCE SHEETS AS-100 THROUGH AS-105 FOR NEW CONCRETE SCOPE

DEMO SITE PLAN LEGEND

- EXISTING BUILDING FOOTPRINT
- EXISTING CONDITIONS TO REMAIN
- SAWCUT, REMOVE AND REPLACE PORTION OF CONCRETE
- EXISTING CONDITIONS TO BE DEMOLISHED

KEY PLAN



NO.	DATE	REVISION	APPROV.

DALLAS NORTH TOLLWAY



DEMOLITION ENLARGED PLANS & PHOTOS - CONCRETE

Michael Baker INTERNATIONAL		1501 LBJ FREEWAY, SUITE 650, DALLAS, TX 75234 PH: 469-901-5500 TBP# REG:	
DRAWN JD/RL	DATE 05/22/2024	DESIGNED PJS	DATE 05/22/2024
CHECKED CP	DATE 05/22/2024	SCALE As indicated	
CONTRACT NO. 06083-GEC-00-CN-MA		SHEET #: 12 OF 38 AD-108	

Legend

Description

Quantity

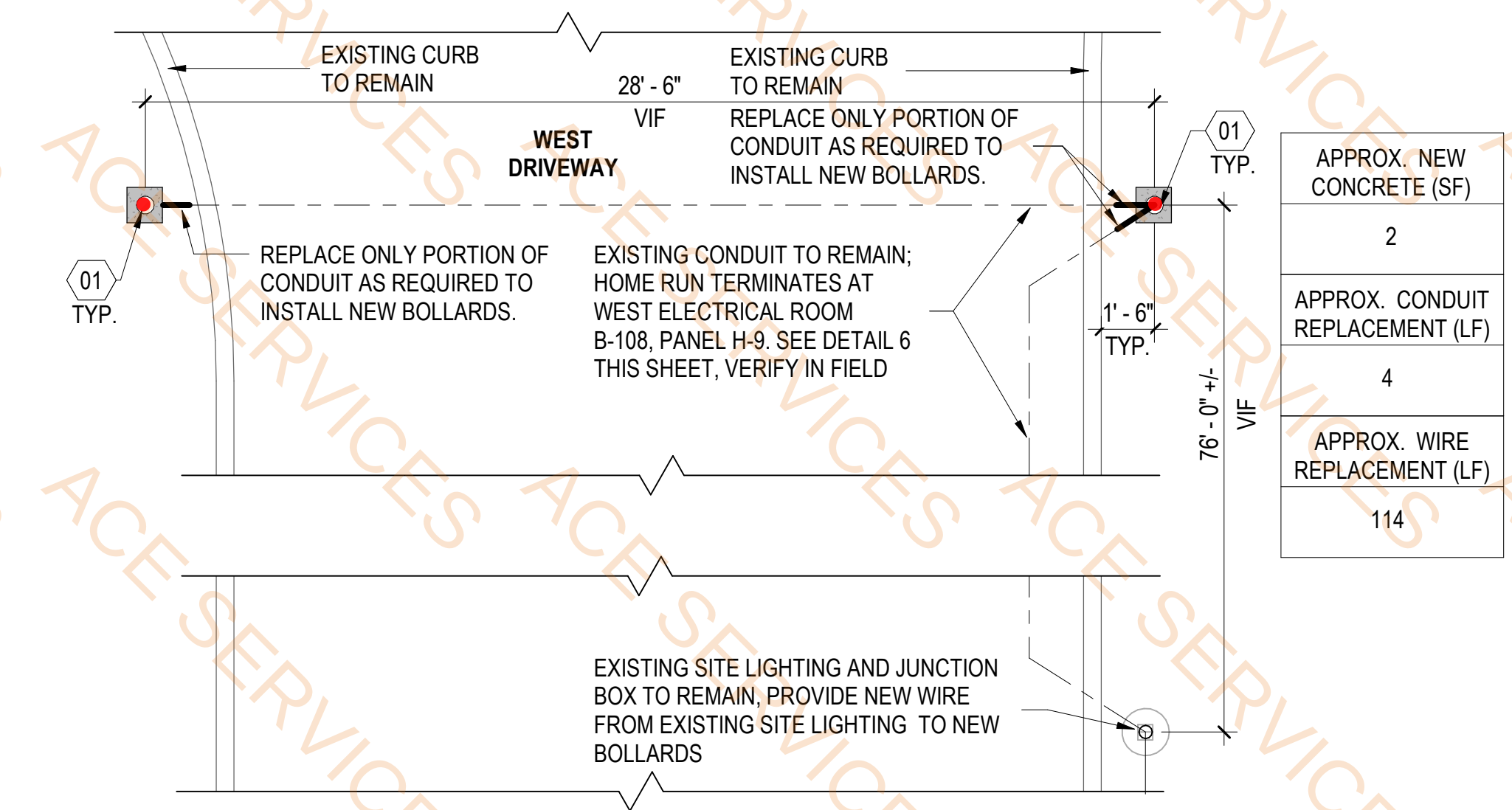
Unit

Existing sidewalk to be removed

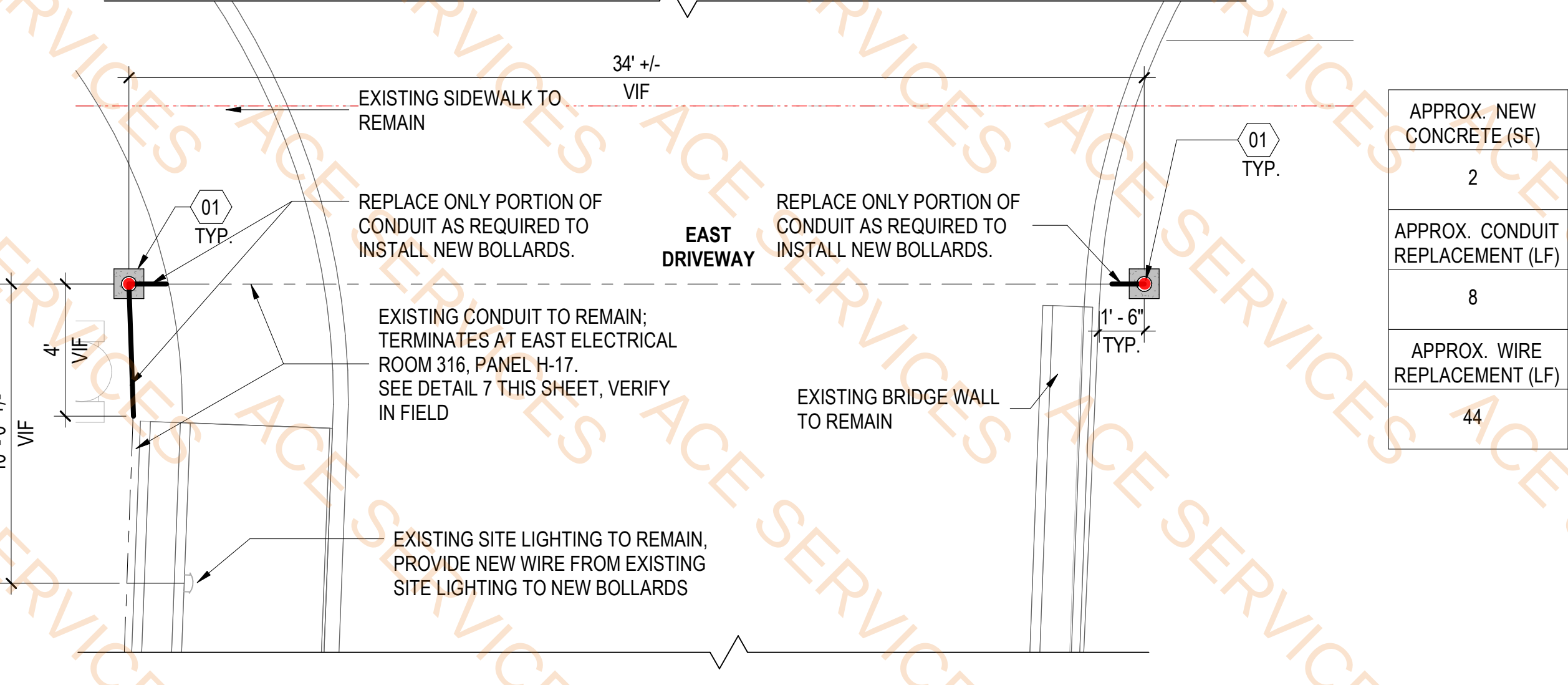
82

sf

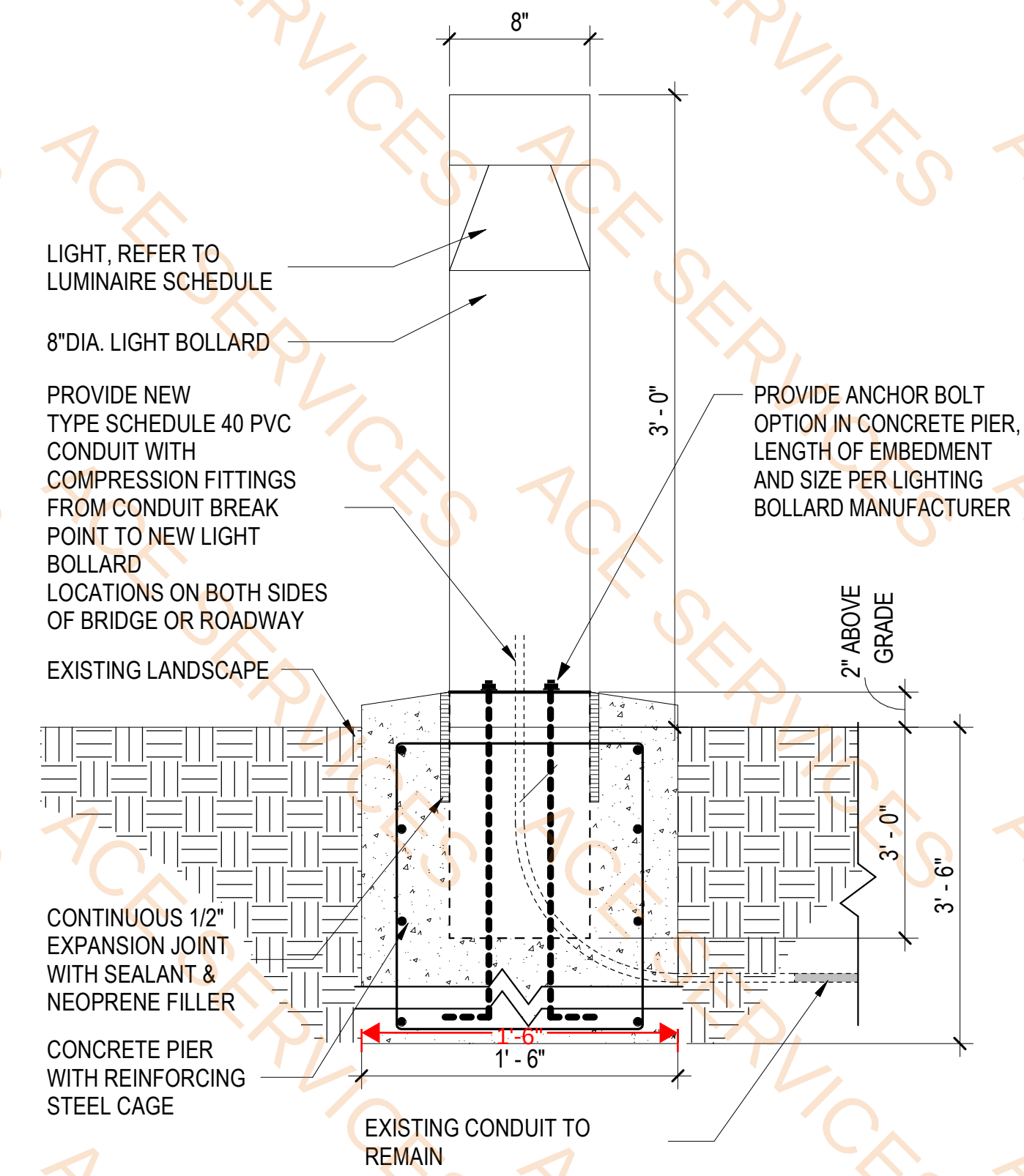
ELECTRICAL - (NEW LIGHT BOLLARDS & NEW CONCRETE)



1 ENLARGED SITE PLAN - NORTHWEST LIGHT BOLLARDS
SCALE: 1/4" = 1'-0"

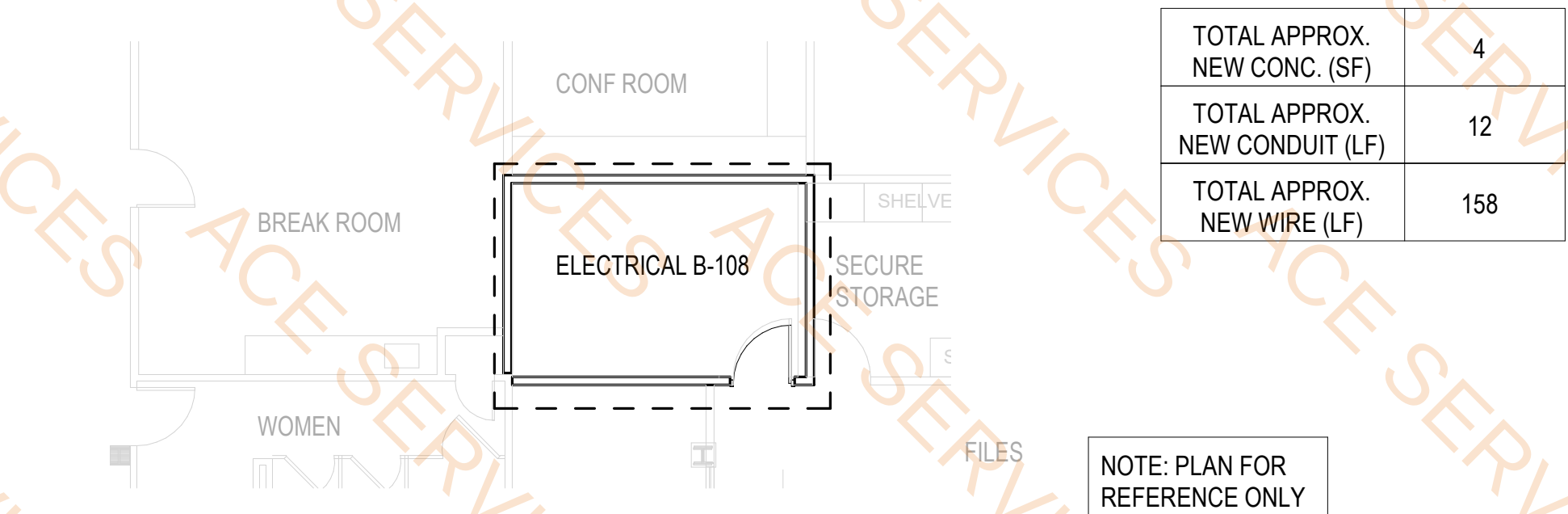


2 ENLARGED SITE PLAN - NORTHEAST LIGHT BOLLARDS
SCALE: 1/4" = 1'-0"

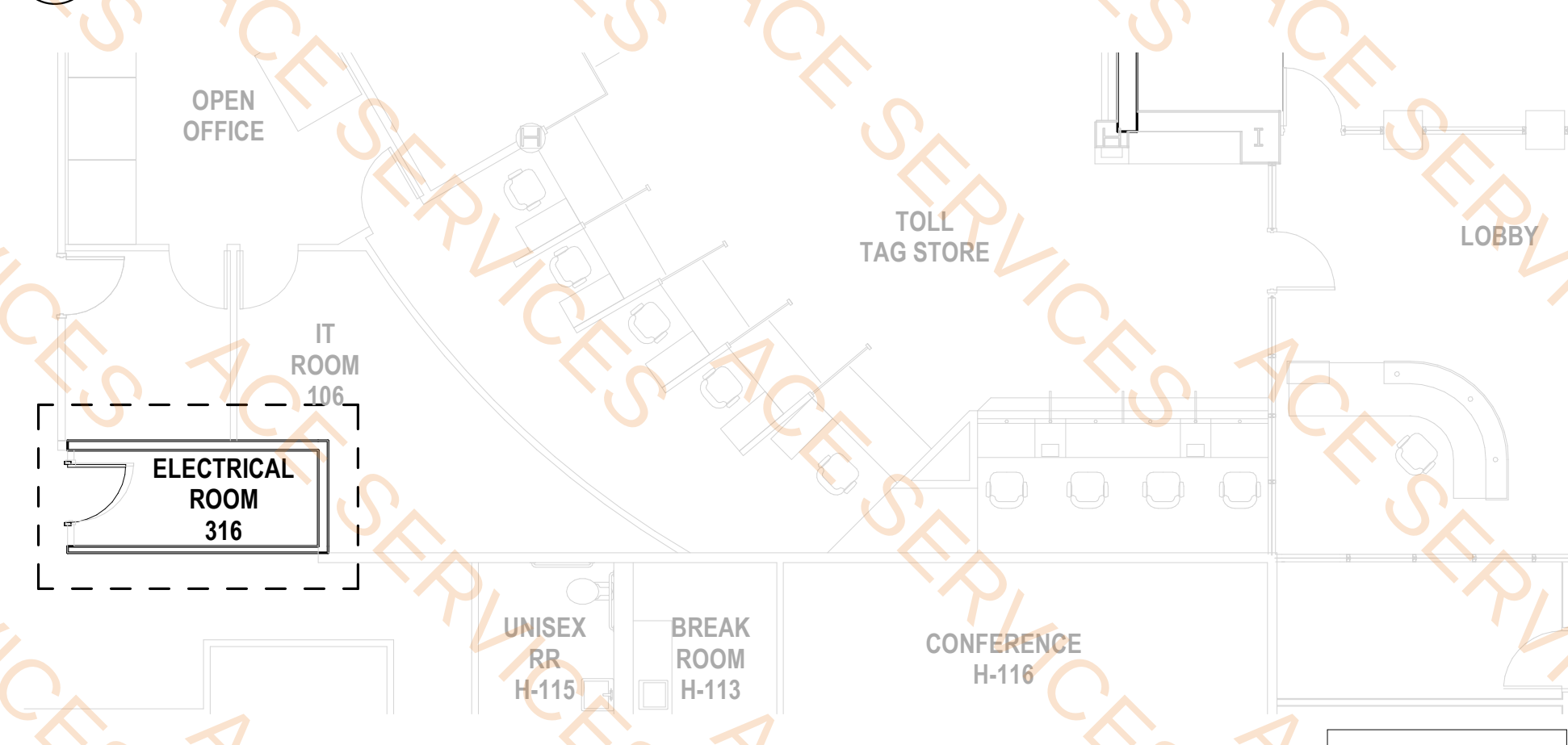


3 LIGHT BOLLARD DETAIL
SCALE: 1 1/2" = 1'-0"

NTTA GLENEAGLES EXTERIOR REPAIRS LUMINAIRE SCHEDULE									
TYPE	WATTAGE	CCT	CRI	DELIVERED LUMENS	DRIVER & DIMMING	DESCRIPTION	FINISH	MOUNTING	SPECIFICATION
									MANUFACTURER
B	10W	4000K	80	1041	ELECTRONIC	36" T X 6" D ALUMINUM BOLLARD	GRAY		FTB-636-19LED
									TBD
									4
									CONTRACTOR TO VERIFY FINISH OF EXISTING BOLLARDS AND PROVIDE MATCHING RAL COLOR FOR NEW BOLLARDS.



4 ENLARGED 1ST FLOOR PLAN - ELECTRICAL ROOM B-108
SCALE: 1/8" = 1'-0"



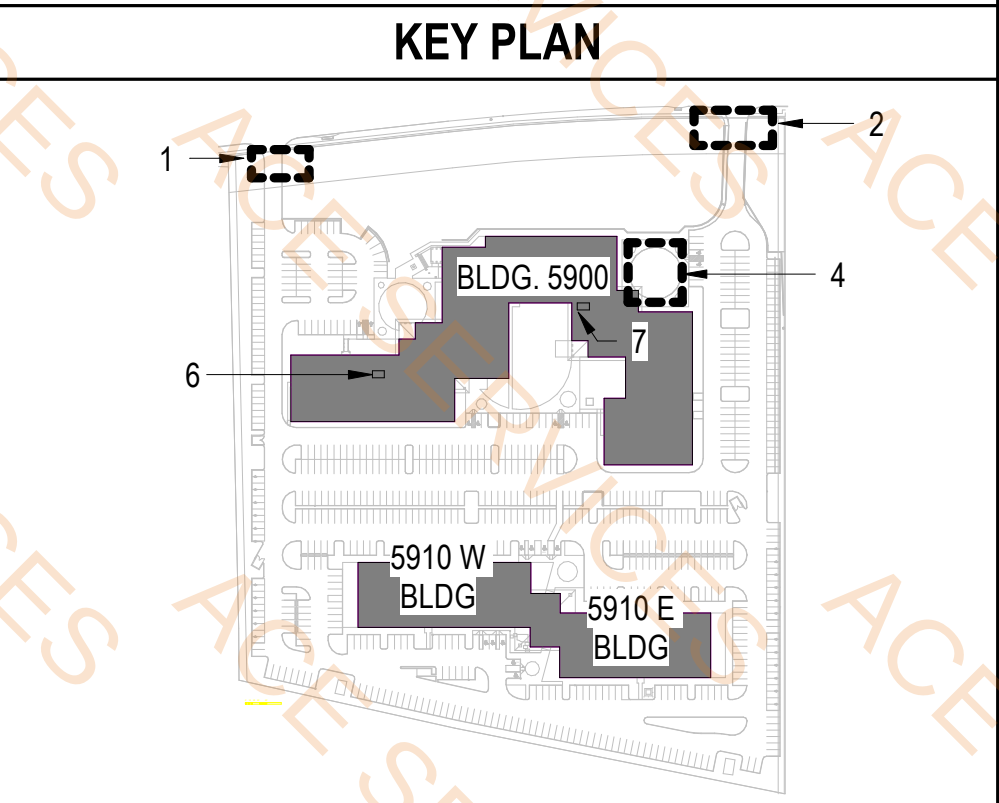
5 ENLARGED 1ST FLOOR PLAN - ELECTRICAL ROOM 316
SCALE: 1/8" = 1'-0"

KEYNOTES

01 INSTALL LIGHT BOLLARD AND CONCRETE BASE 2" ABOVE GRADE AND THICKENED EDGE AT LANDSCAPED AREAS. PROVIDE NEW 3/4" SCHEDULE 40 PVC CONDUIT FROM BREAK POINT AND RUN NEW (2) #8 AWG CONDUCTORS AND (1) #8 AWG GROUND CONDUCTOR FROM NEW LIGHT BOLLARD LOCATIONS TO SITE LIGHTING JUNCTION BOX AS SHOWN ON DETAILS 1/AS-103 & 2/AS-103. SPLICE THE NEW CONDUCTORS TO EXISTING WITHIN JUNCTION BOXES. ALIGN BOLLARDS SYMMETRICALLY ON EACH SIDE OF BRIDGE OR ROADWAY, REFERENCE DETAIL 3/AS-103

CONCRETE SITE PLAN LEGEND

- EXISTING BUILDING FOOTPRINT / STRUCTURE TO REMAIN
- EXISTING CONDITIONS TO REMAIN
- EXTENTS OF CONCRETE REPAIR
- NEW CONCRETE



NO.	DATE	REVISION	APPROV.

DALLAS NORTH TOLLWAY

NTTA
NORTH TEXAS TOLLWAY AUTHORITY

ENLARGED SITE PLANS & PHOTOS - ELECTRICAL & CONCRETE

Michael Baker INTERNATIONAL

1501 LBJ FREEWAY, SUITE 650, DALLAS, TX 75234
PH: 469-501-5500
TXBPE REG:

1501 LBJ FREEWAY, SUITE 650, DALLAS, TX 75234
PH: 469-501-5500
TXBPE REG:

1501 LBJ FREEWAY, SUITE 650, DALLAS, TX 75234
PH: 469-501-5500
TXBPE REG:

1501 LBJ FREEWAY, SUITE 650, DALLAS, TX 75234
PH: 469-501-5500
TXBPE REG:

Legend			
Description	Quantity	Unit	
Concrete bollard footing Size: 1'-0"x1'-0"x4'-0"	4	Count	
Length Measurement	1.50	ft	

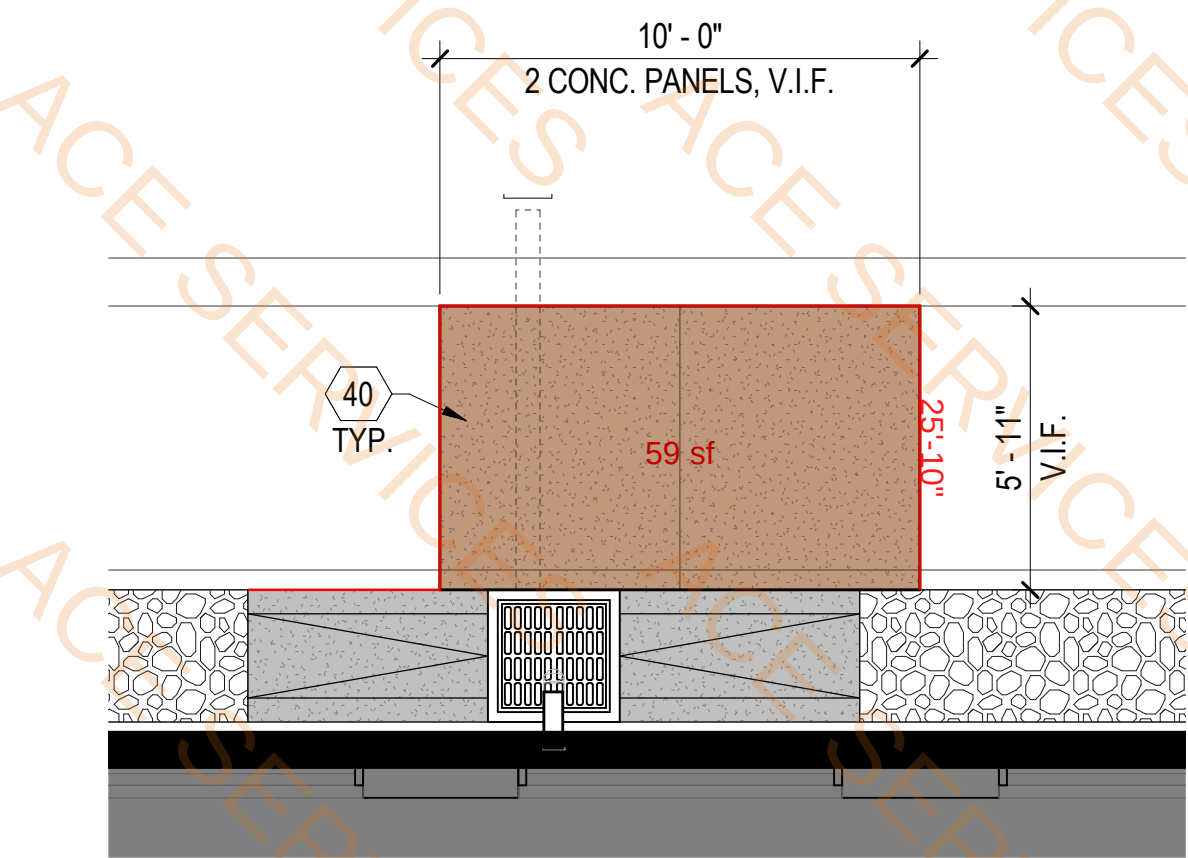
0 6" 1'-0" 2'-0" 0 4'-0" 8'-0" 16'-0" 0 2'-0" 4'-0" 8'-0"

SCALE: 1 1/2" = 1'-0" SCALE: 1/8" = 1'-0" SCALE: 1/4" = 1'-0"

TX FIRM NO. F-2671
PETER JOHNSON
147045
05/22/2024

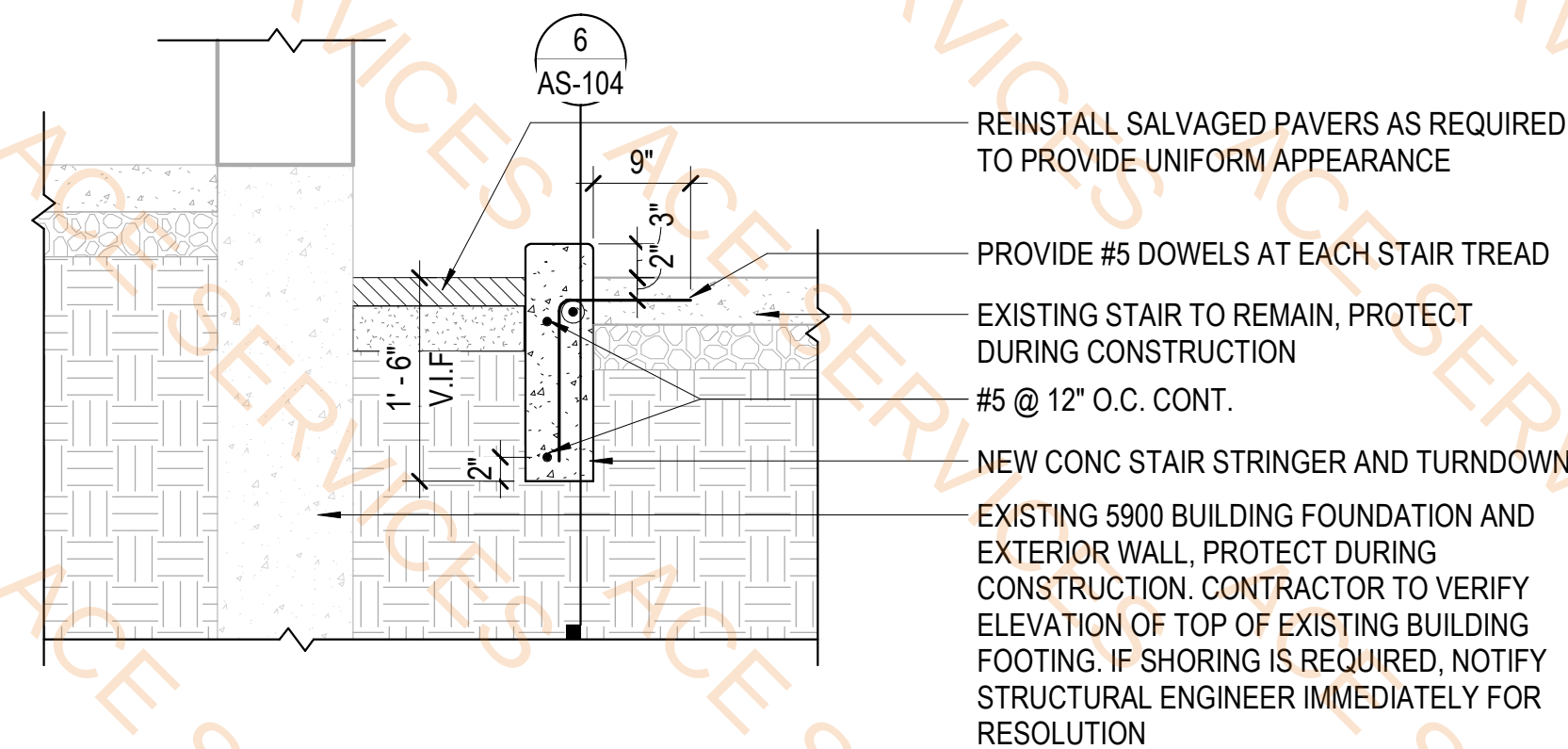
TX FIRM NO. BR 1464
05/22/2024

NEW CONCRETE & CONCRETE REPAIR

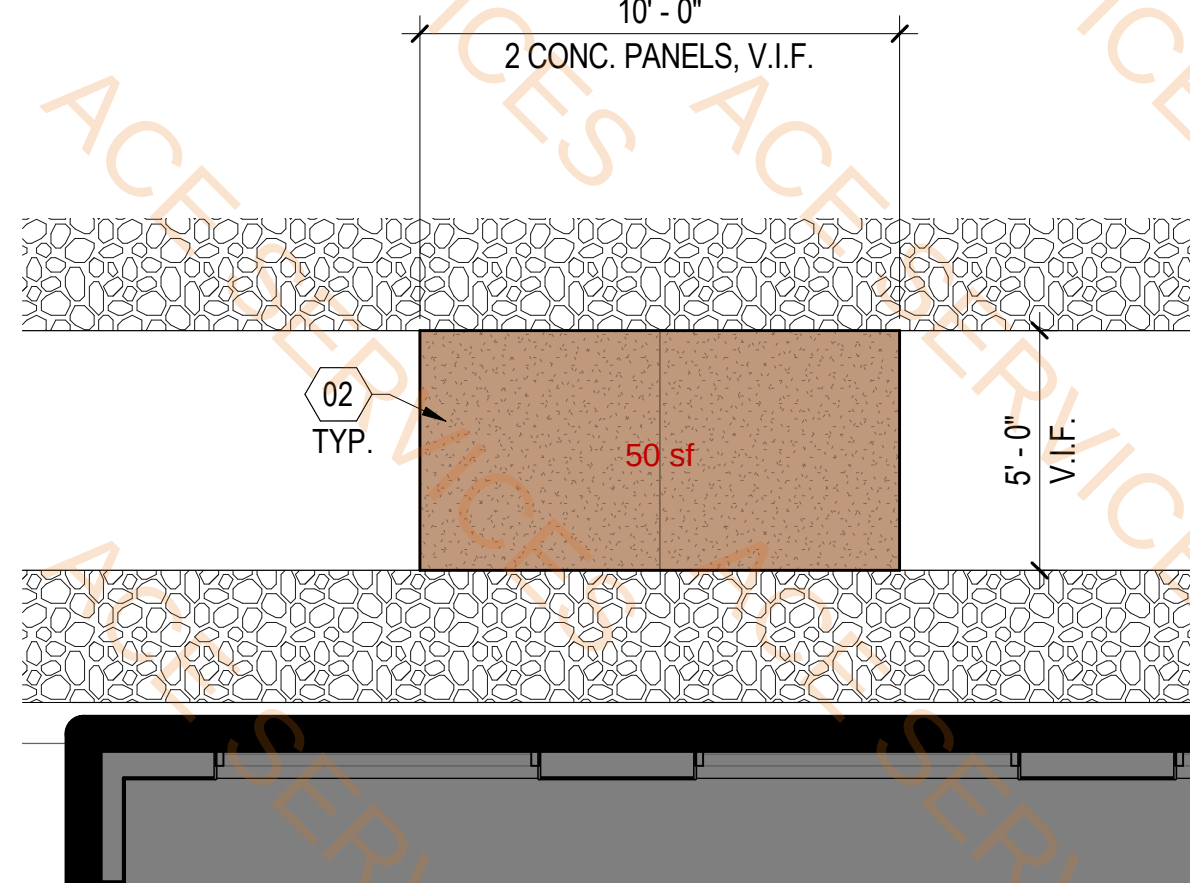
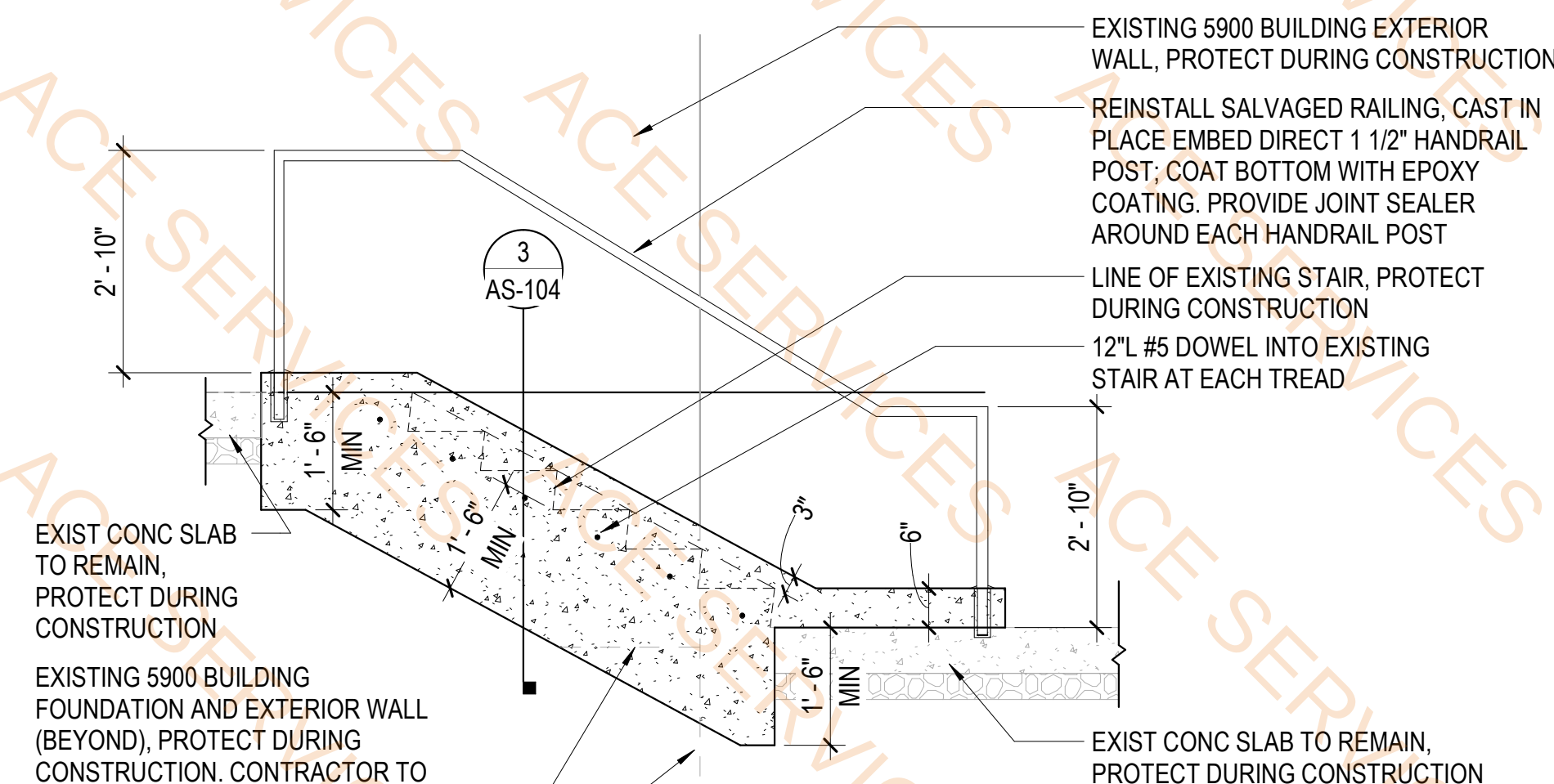


5900 ENLARGED SITE PLAN - NORTH SIDEWALK NEW CONCRETE
SCALE: 1/4" = 1'-0"

APPROX. NEW CONCRETE (SF)
60



SECTION DETAIL AT STAIR STRINGER
SCALE: 3/4" = 1'-0"

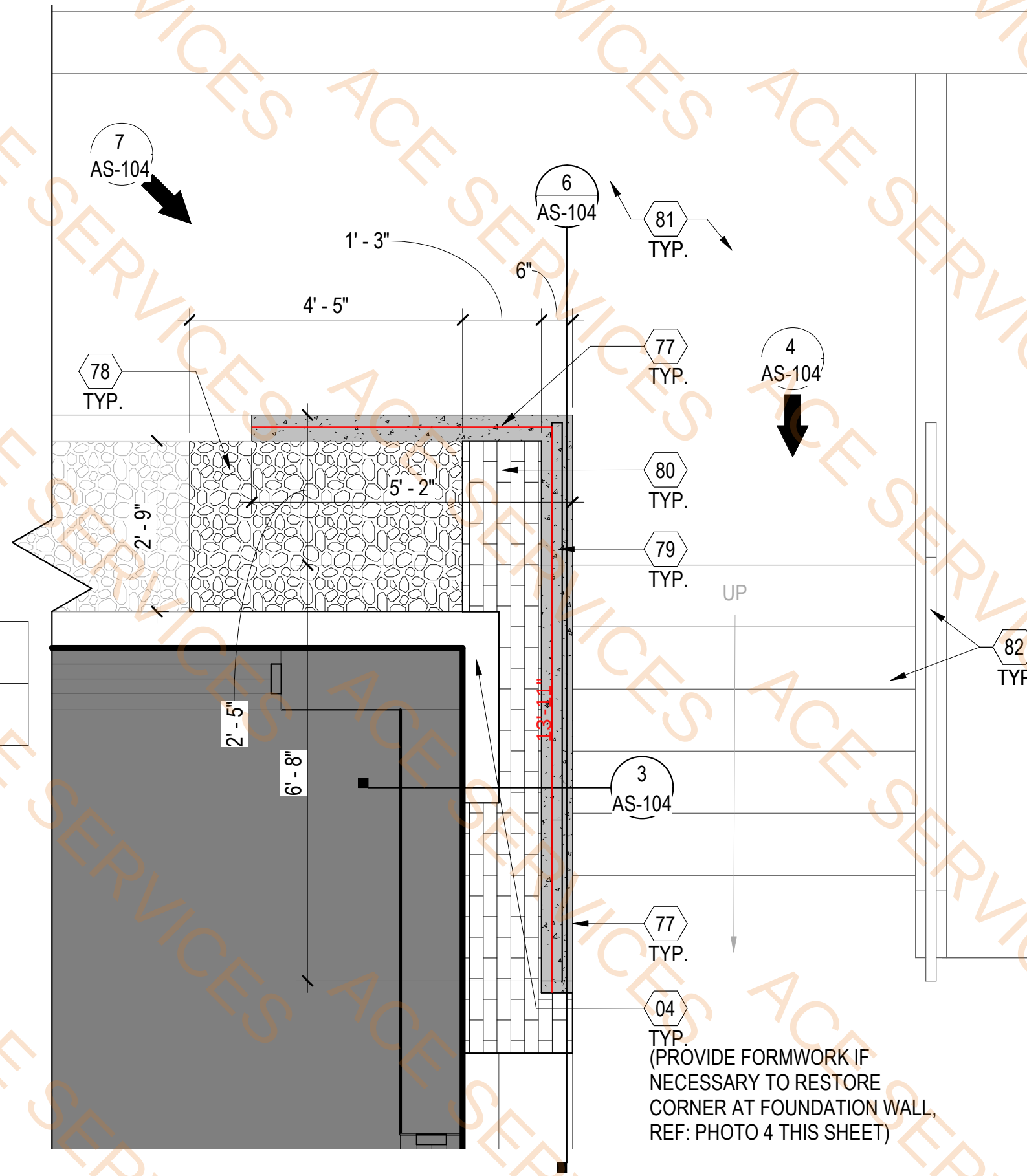


5900 ENLARGED SITE PLAN- NORTH SIDEWALK NEW CONCRETE
SCALE: 1/4" = 1'-0"

APPROX. NEW CONCRETE (SF)
50



5900 NORTHEAST CONCRETE STAIR REPAIR
SCALE: 1/32" = 1'-0"

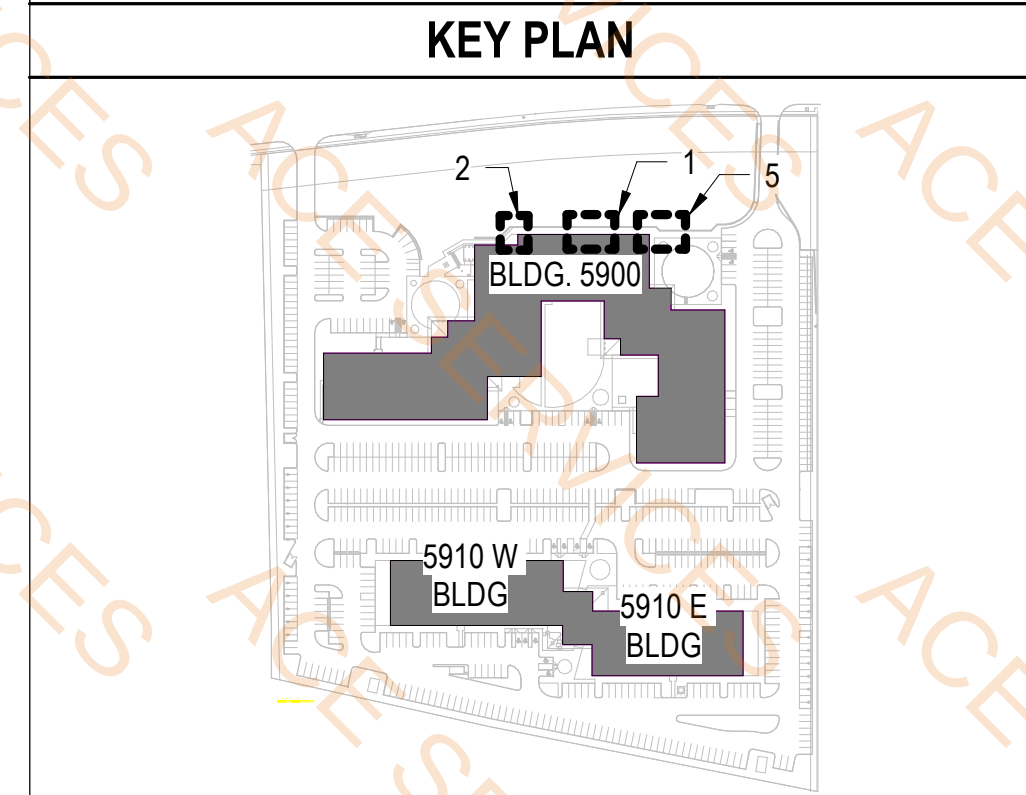


ENLARGED SITE PLAN - 5900 NORTHEAST CONCRETE STAIR CURB
SCALE: 1/2" = 1'-0"

APPROX. NEW CONCRETE (SF)
7

- KEYNOTES**
- 02 INSTALL CONCRETE SIDEWALK; DOWEL INTO EXISTING ADJACENT CONCRETE PANEL; REPLACE EXPANSION JOINT AT EXISTING LOCATIONS
 - 04 CLEAN AND REMOVE ALL LOOSE DEBRIS ON CONCRETE SURFACES. PATCH AND REPAIR CONCRETE SPALLS, CRACKS, GAPS WITH SIKAS HB REPAIR MORTAR OR APPROVED EQUAL PER MANUFACTURER'S RECOMMENDATIONS
 - 40 INSTALL CONCRETE SIDEWALK WITH INTEGRAL CURB; DOWEL INTO EXISTING ADJACENT CONCRETE PANEL; REPLACE EXPANSION JOINT AT EXISTING LOCATIONS
 - 77 INSTALL NEW STAIR STRINGER, STAIR TURNDOWN, AND CURB. SHORE EXISTING ADJACENT FOUNDATION AS REQUIRED FOR INSTALLATION OF NEW WORK
 - 78 REPLACE RIVER ROCK THIS AREA SALVAGED DURING DEMOLITION TO RETURN TO ORIGINAL APPEARANCE
 - 79 REINSTALL SALVAGED RAILING AS INDICATED
 - 80 REINSTALL PAVERS THIS AREA SALVAGED DURING DEMOLITION AND REPLACE MISSING PAVERS AS REQUIRED TO PROVIDE A CONTINUOUS APPEARANCE
 - 81 EXISTING SIDEWALK TO REMAIN, PROTECT DURING CONSTRUCTION.
 - 82 EXISTING STAIRS AND RAILING, PROTECT DURING CONSTRUCTION.

- CONCRETE SITE PLAN LEGEND**
- EXISTING BUILDING FOOTPRINT / STRUCTURE TO REMAIN
 - EXISTING CONDITIONS TO REMAIN
 - EXTENTS OF CONCRETE REPAIR
 - NEW CONCRETE



NO.	DATE	REVISION	APPROV.

DALLAS NORTH TOLLWAY

NTTA
NORTH TEXAS TOLLWAY AUTHORITY

ENLARGED SITE PLANS & PHOTOS - NEW CONCRETE & CONCRETE REPAIR

Michael Baker INTERNATIONAL

1501 LBJ FREEWAY, SUITE 650, DALLAS, TX 75234
PH: 469-501-5500
TXBPE REG:

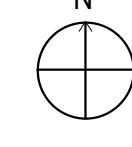
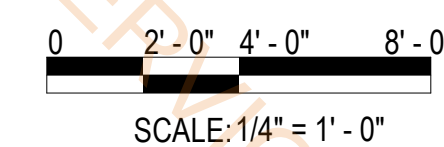
TXBPE REG: 05/22/2024

DRAWN: JD/RL DATE: 05/22/2024 DESIGNED: PJS DATE: 05/22/2024
CHECKED: CP DATE: 05/22/2024 SCALE: As indicated

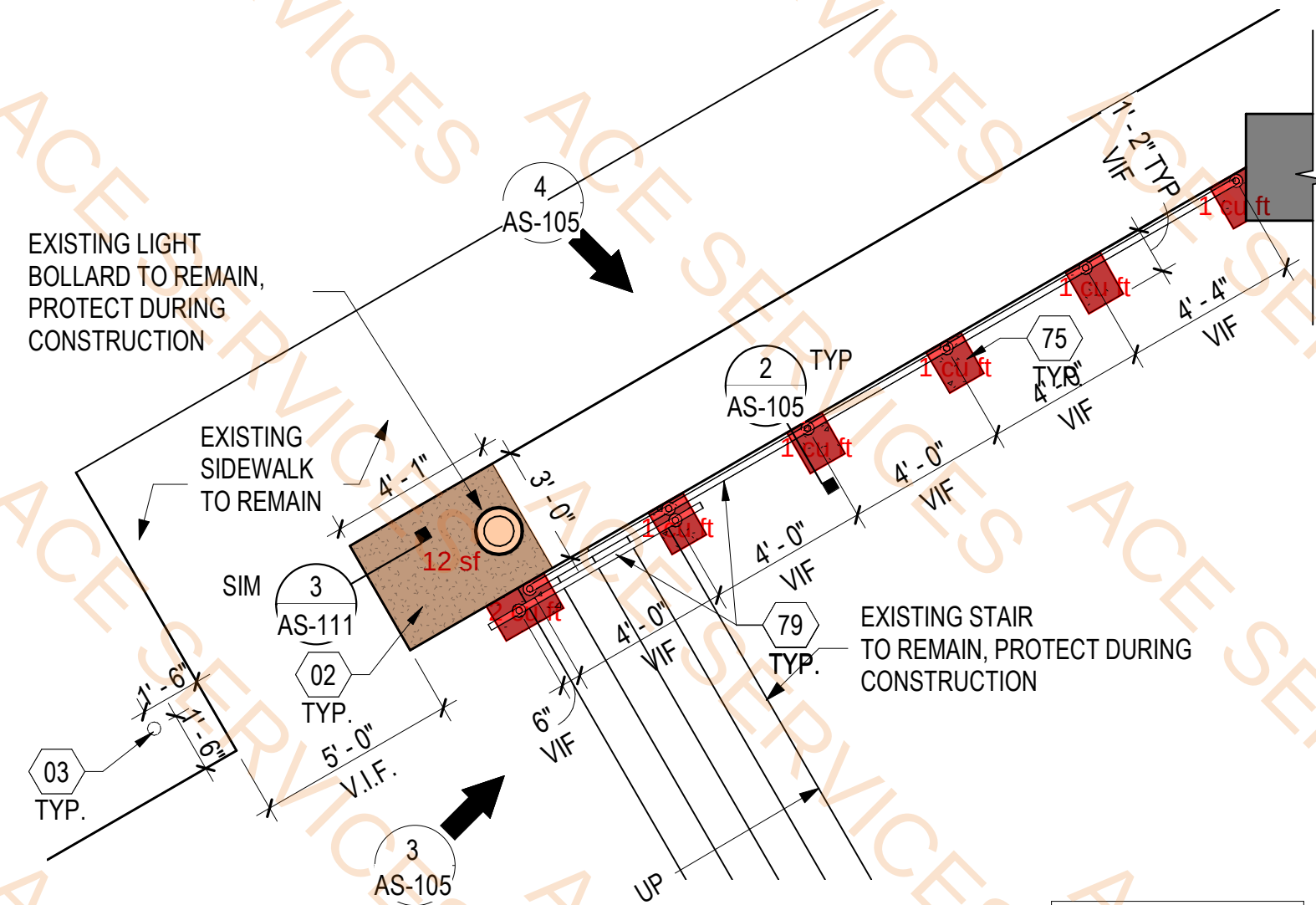
CONTRACT NO. 06083-GEC-00-CN-MA SHEET #: 17 OF 38 AS-104

Legend			
Description	Quantity	Unit	
6" thick Concrete sidewalk reinf. w/ #5 @ 12" o.c. EW	109	sf	
Concrete curb Size: 1'-6"x0'-8"	25.83	ft	
Stair stringer and turndown reinf. w/ #5 @ 12" o.c. Size: 0'-6"x1'-8"	13.94	ft	

NORTHEAST CONCRETE CURB REPAIR

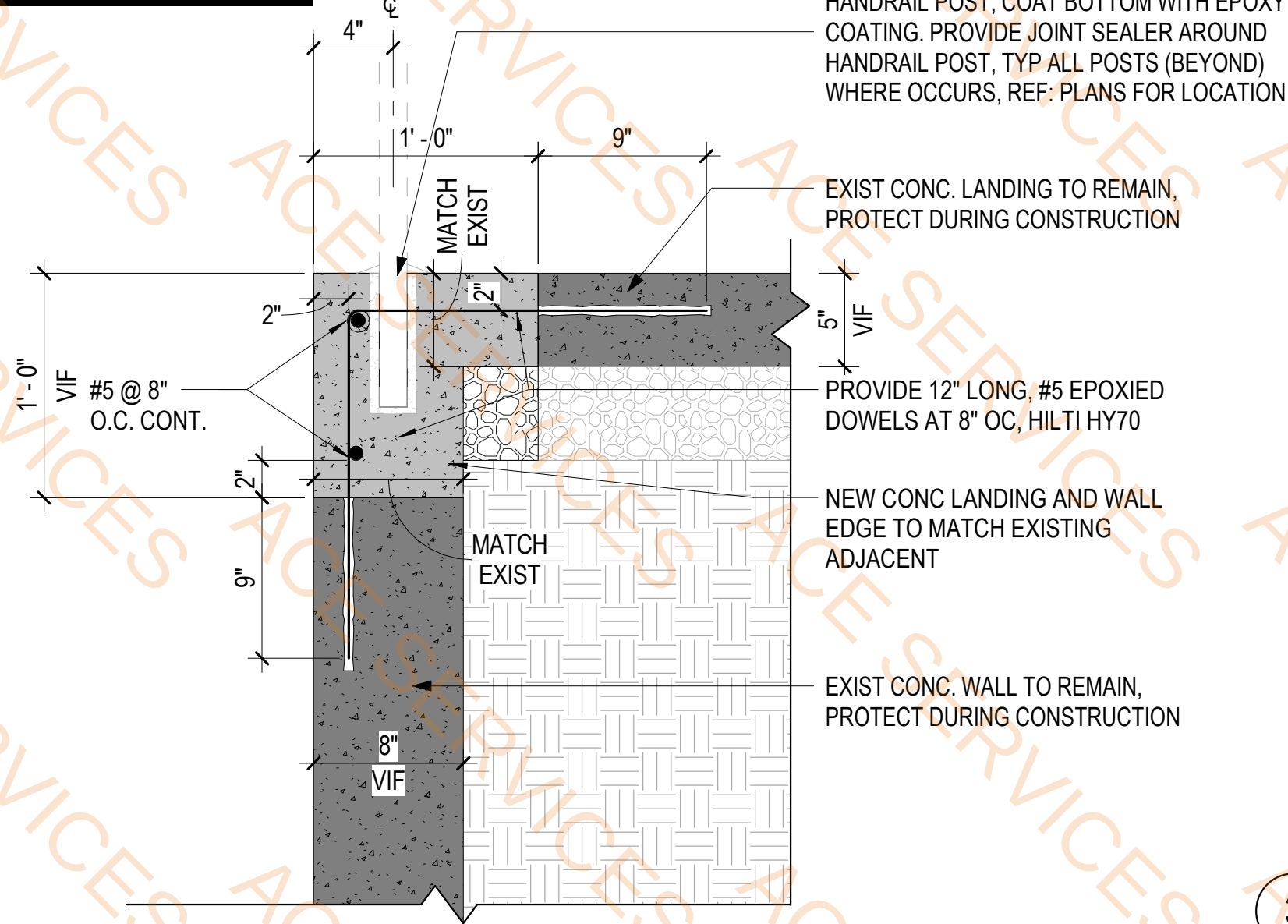


NEW CONCRETE & CONCRETE REPAIR



5900 ENLARGED SITE PLAN-
NORTHWEST STAIR, SIGNAGE & NEW
CONCRETE

APPROX. NEW CONCRETE (SF)
20



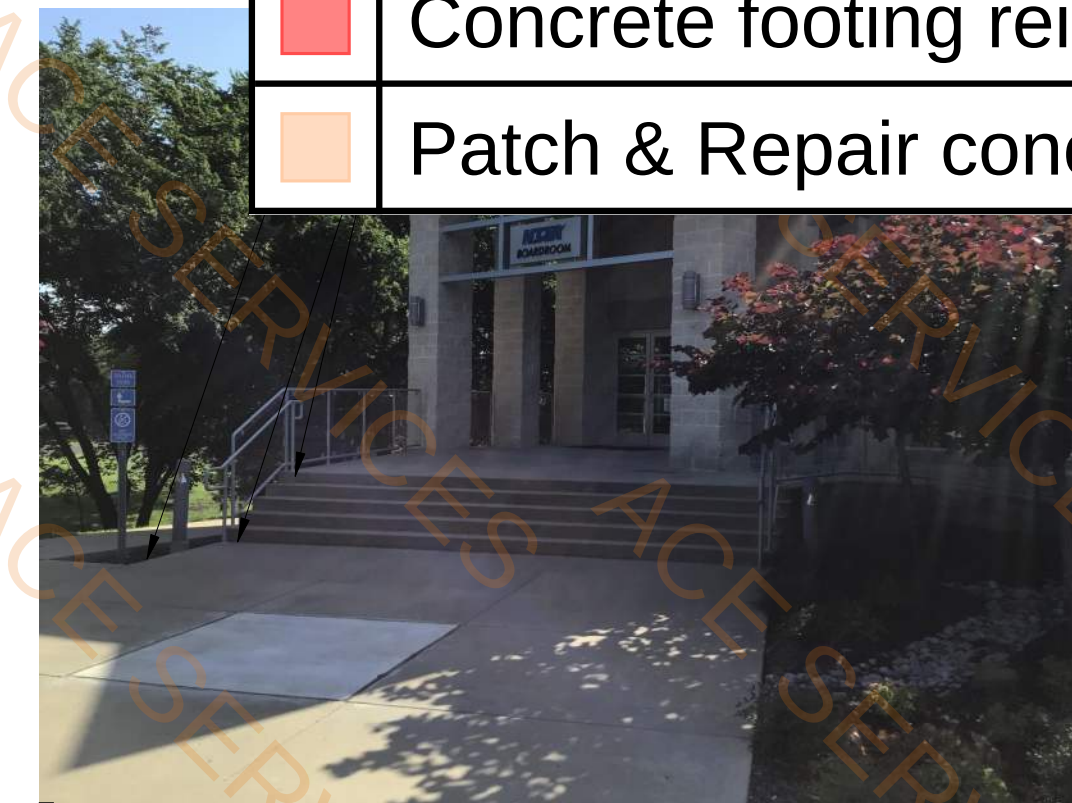
2 SECTION DETAIL AT SLAB EDGE
SCALE: 1 1/2" = 1'-0"



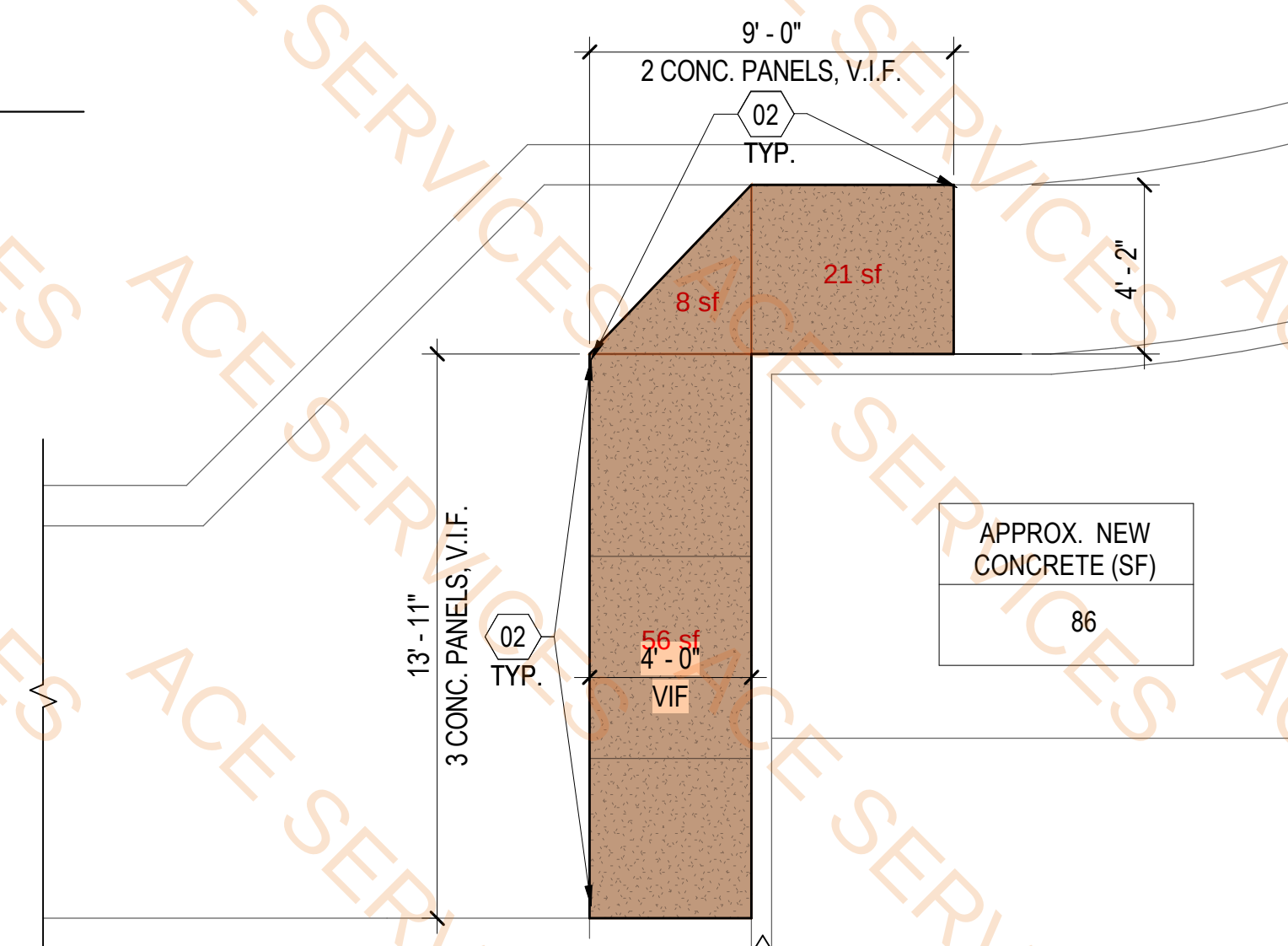
4 5900 - NORTHWEST CONCRETE STAIR REPAIR



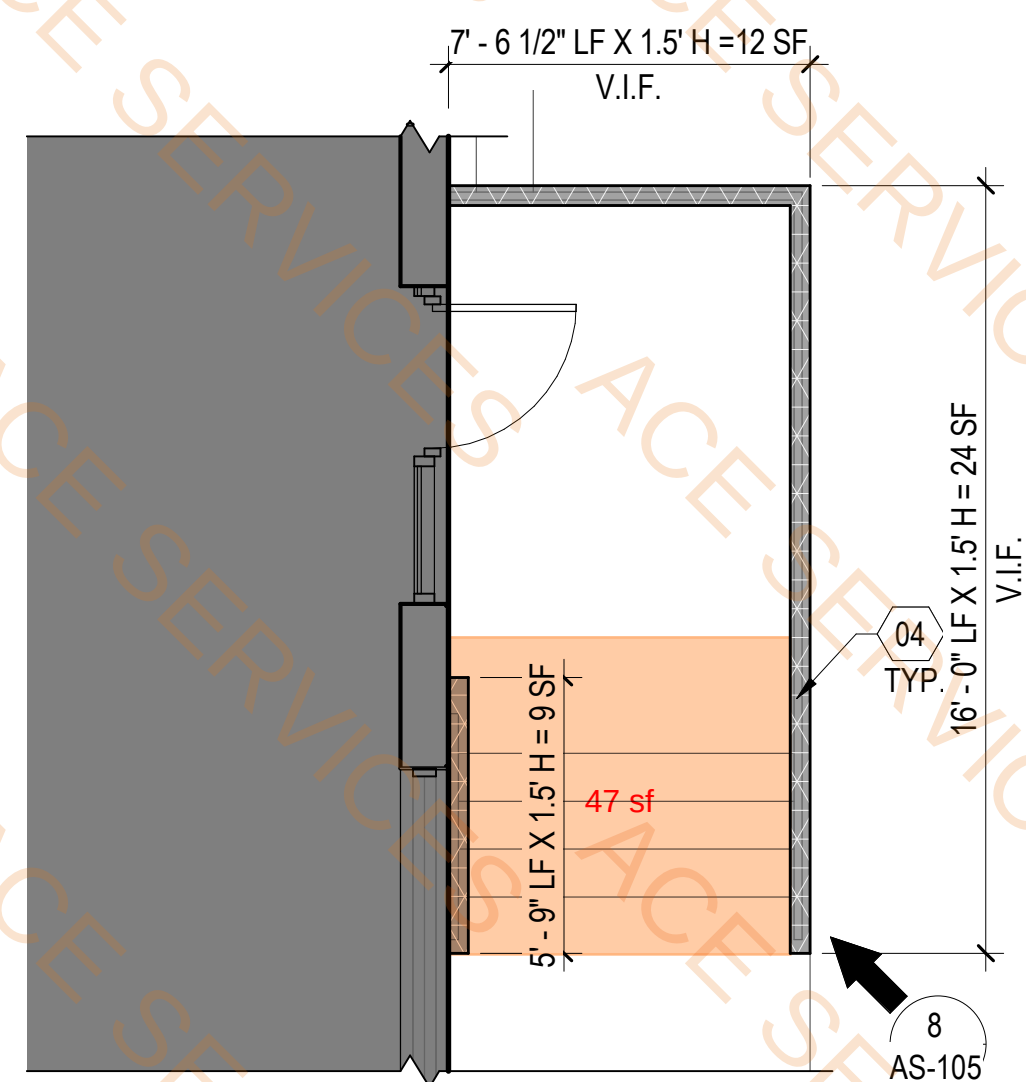
5 5900 - NORTHWEST CONCRETE STAIR REPAIR



5900 NORTHWEST ENTRANCE SIGNAGE & NEW CONCRETE



5900 ENLARGED SITE PLAN - NORTH
SIDEWALK NEW CONCRETE
6 SCALE: 1/4" = 1'-0"



7 5900 ENLARGED SITE PLAN - NORTHEAST CONCRETE STAIR REPAIR
SCALE: 1/4" = 1'-0"



8 5900 NORTHEAST CONCRETE STAIR REPAIR
SCALE: 1/32" = 1'-0"

TOTAL APPROX. NEW CONC. (SF)	106
TOTAL APPROX. CONC. REPAIR (SF)	45

NO.	DATE	REVISION	APPROV.

DALLAS NORTH TOLLWAY



ENLARGED SITE PLANS - NEW CONCRETE & CONCRETE REPAIR



Michael Baker
INTERNATIONAL

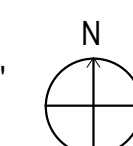
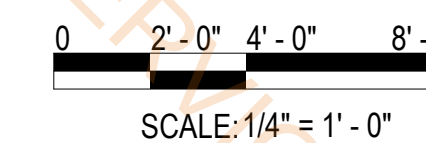
1501 LBJ FREEWAY,
SUITE 650, DALLAS, TX 75234
PH: 469-801-8500
TBPE REG:

DRAWN	JD/RL	DATE	05/22/2024	DESIGNED	PJS	DATE	05/22/2024
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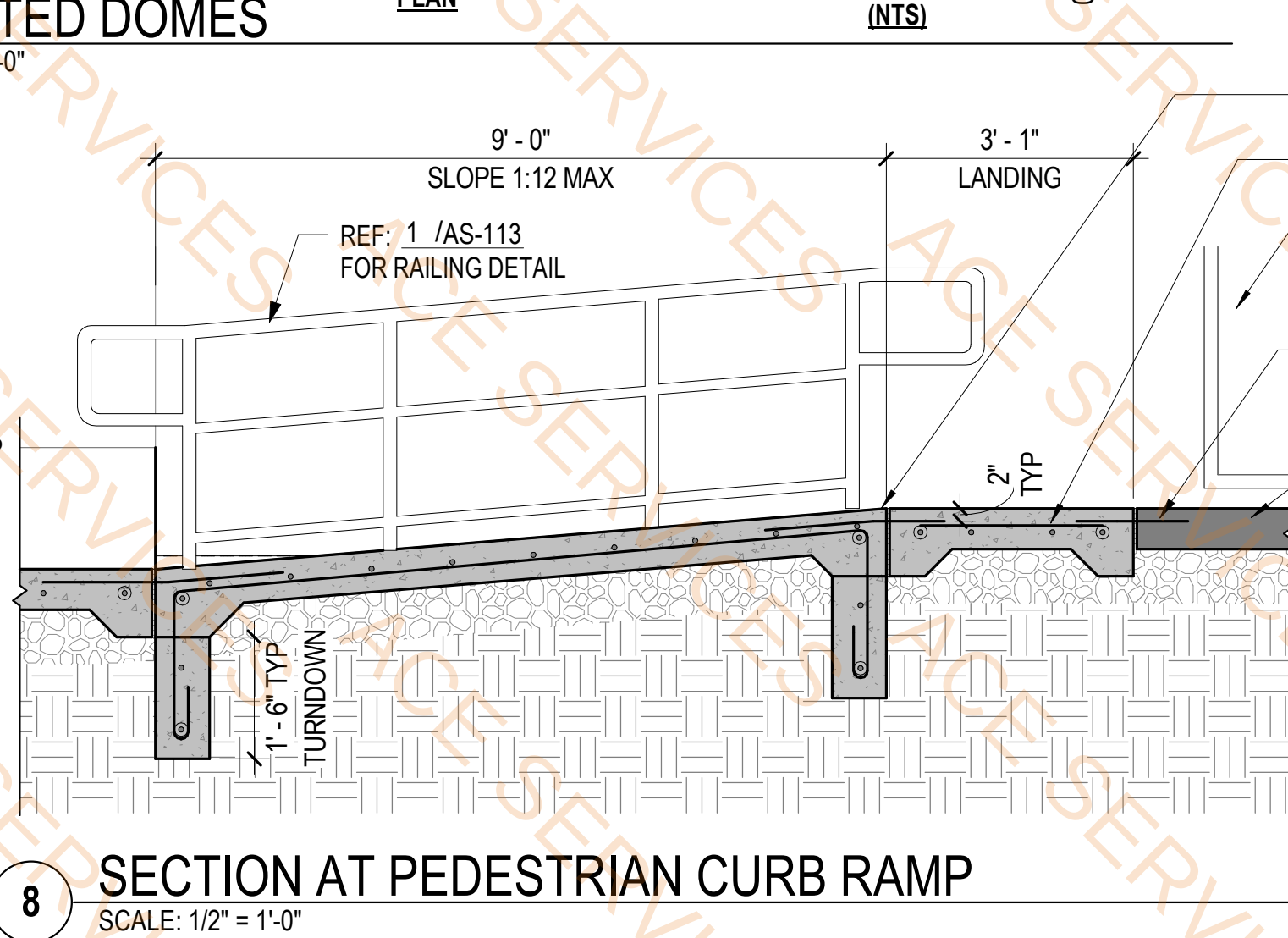
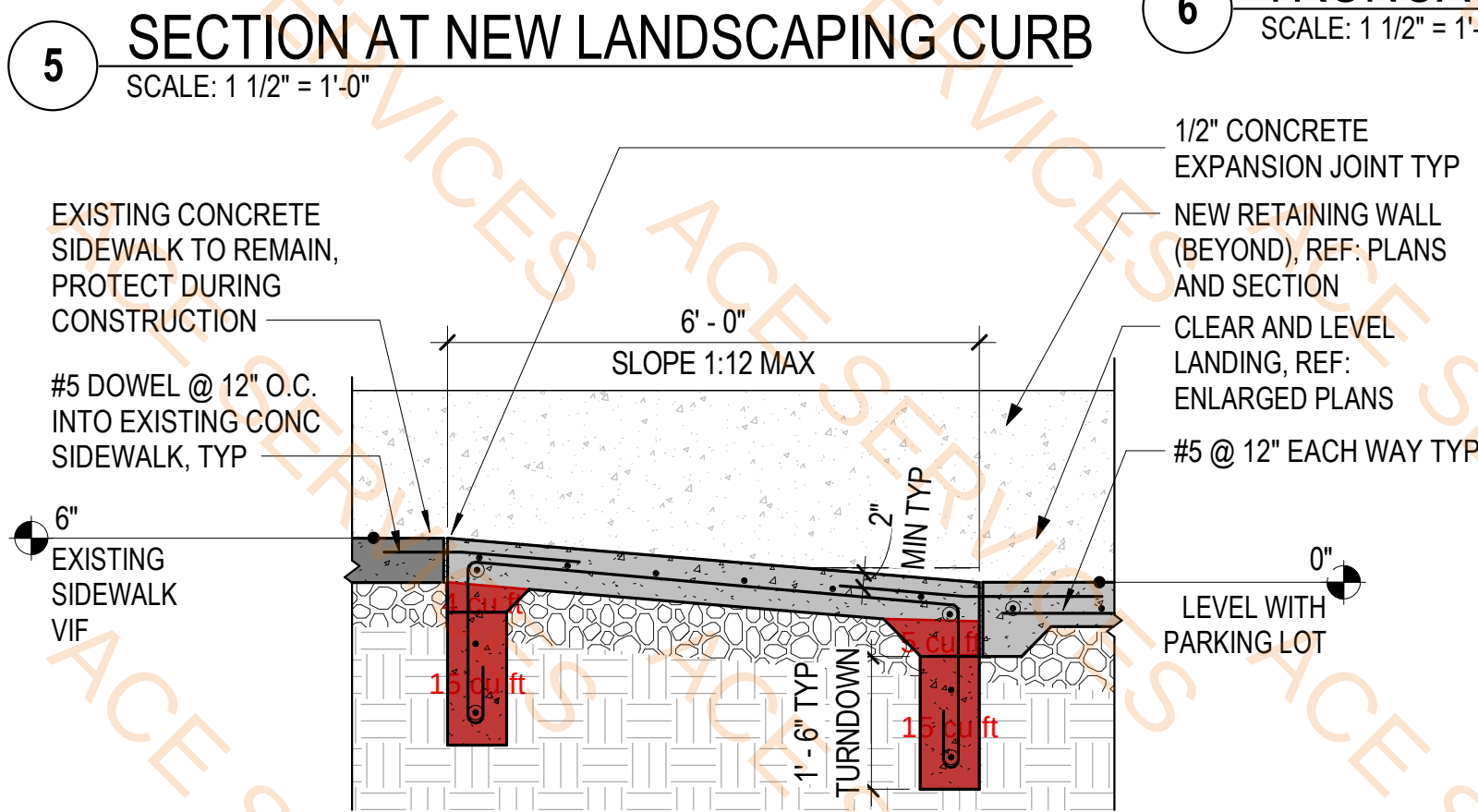
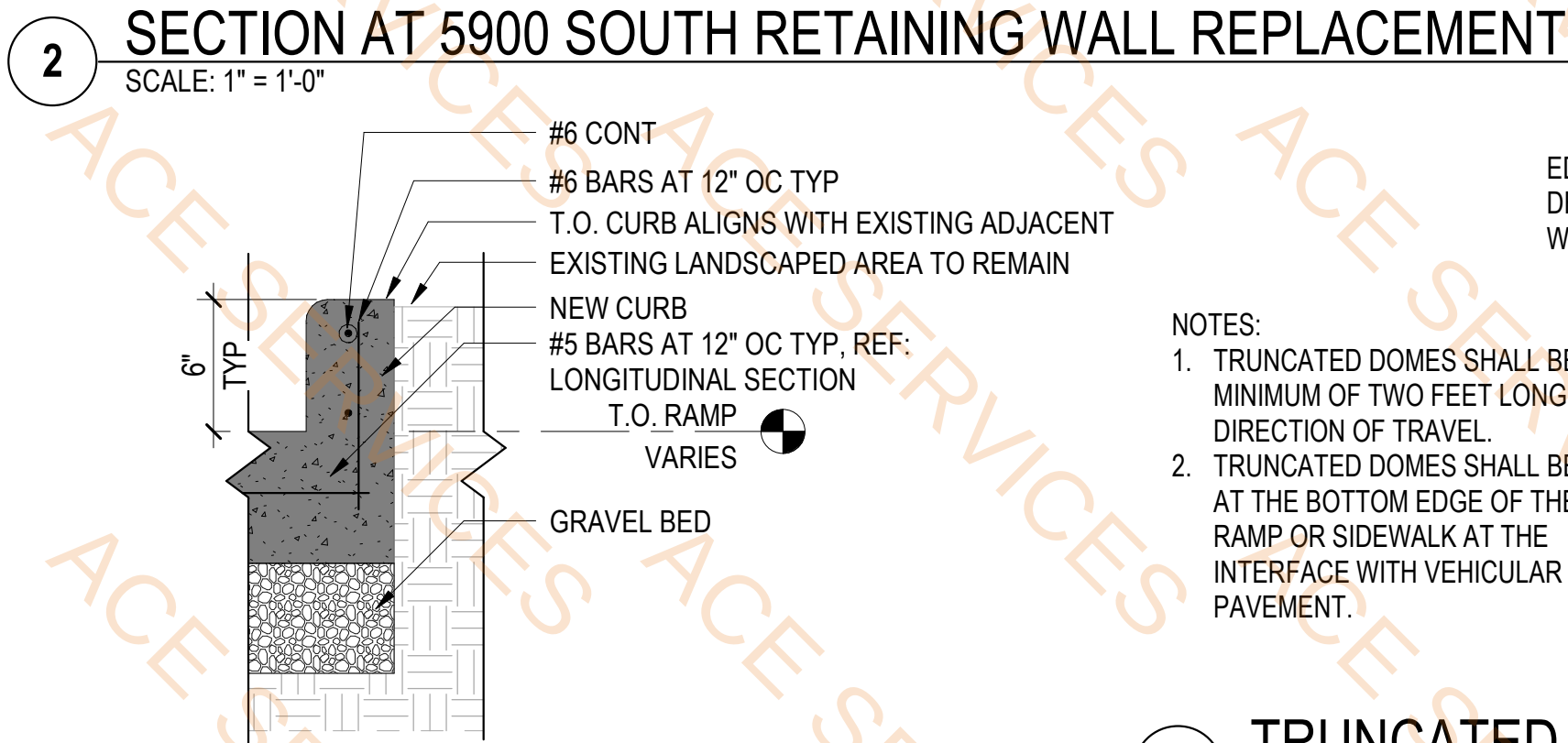
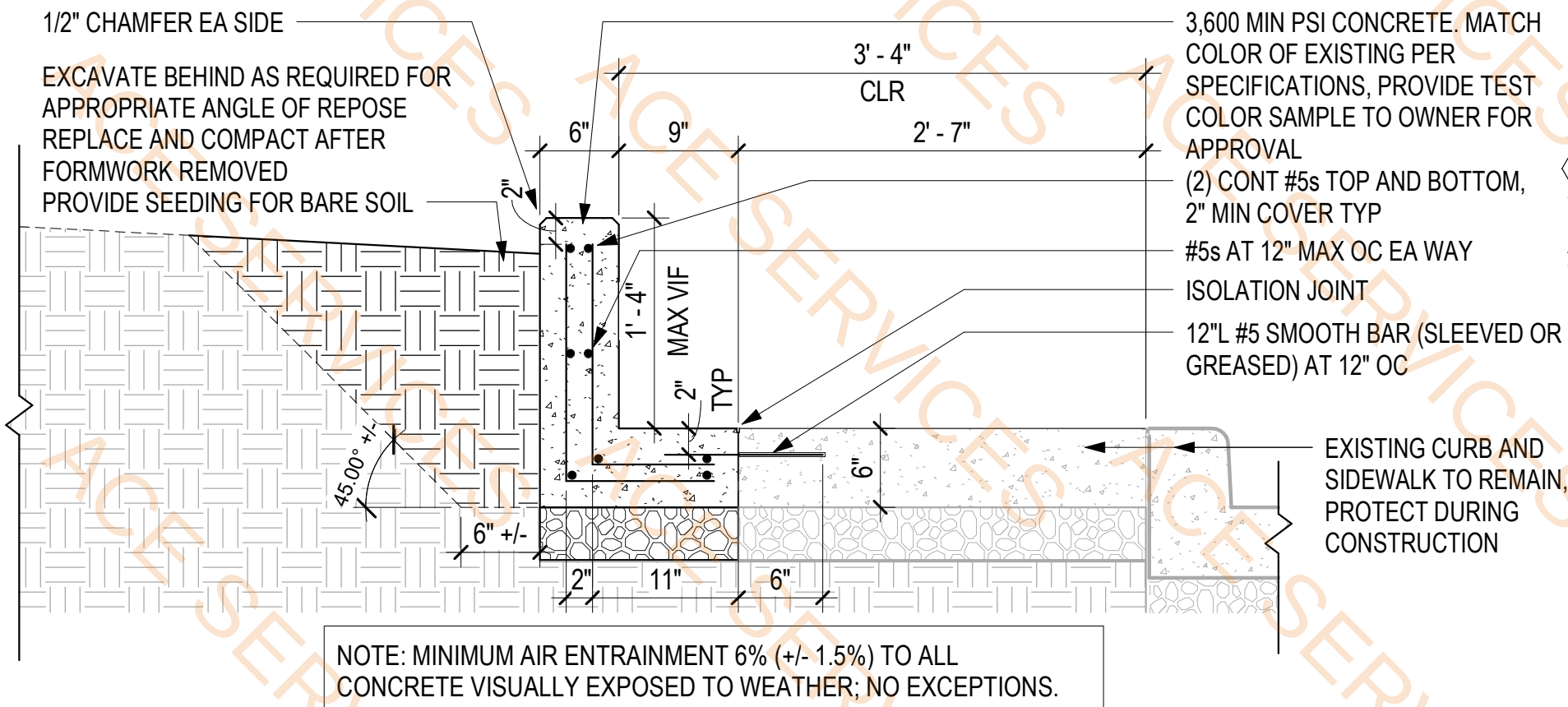
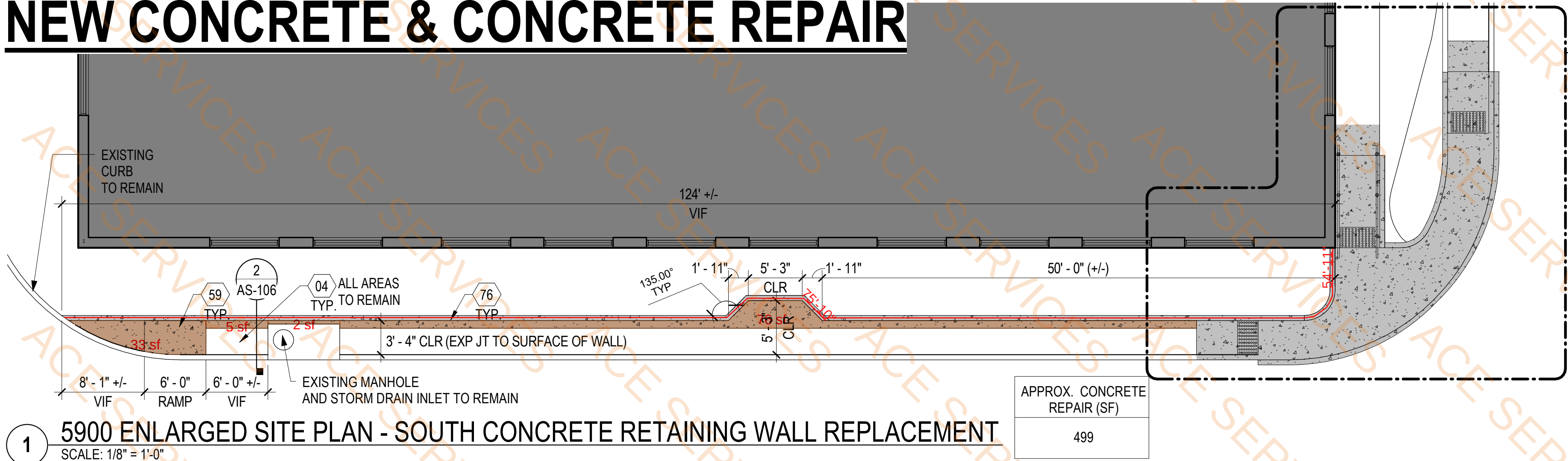
CHECKED CP DATE 05/22/2024 SCALE As indicated

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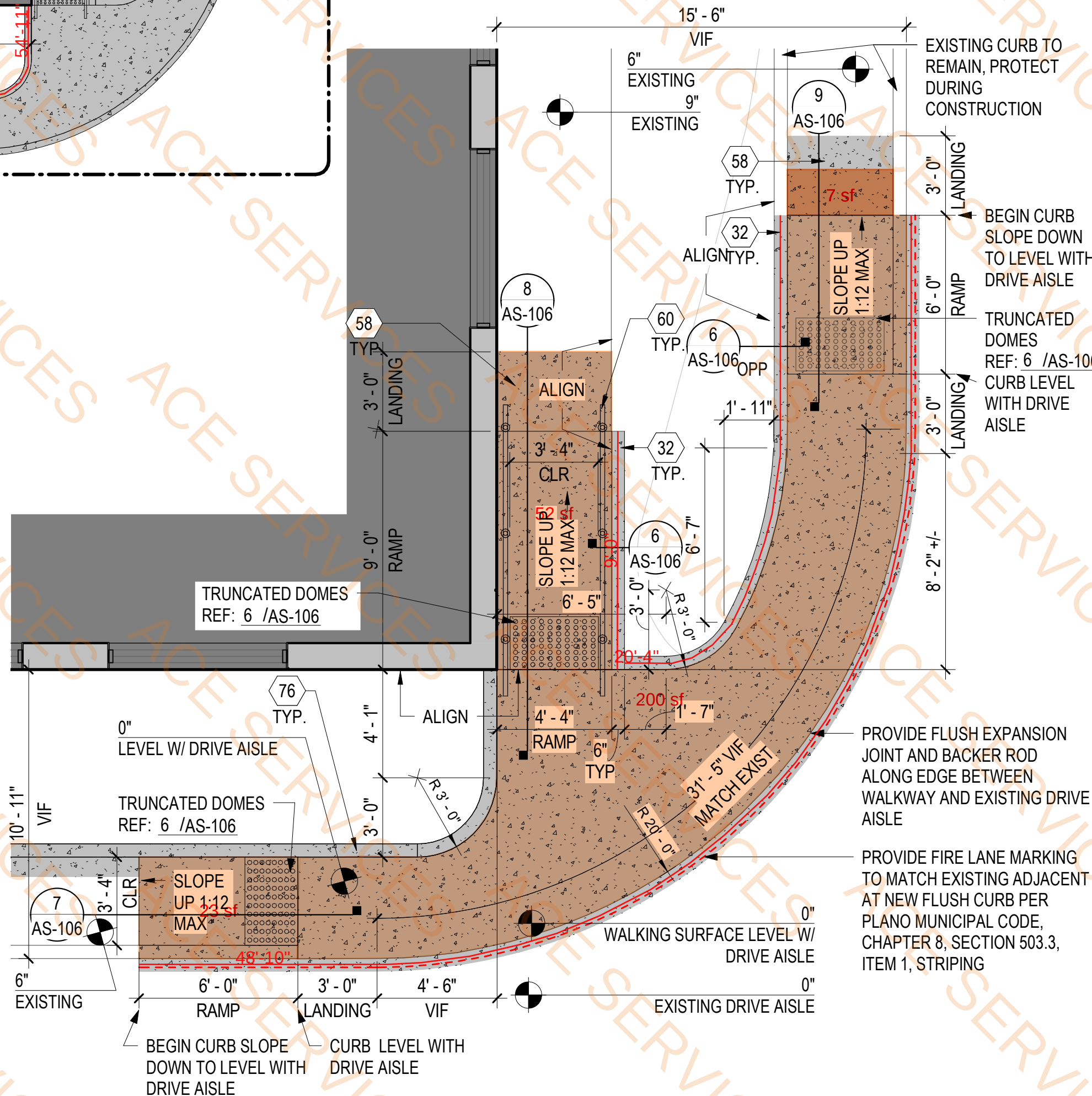
CONTRACT NO. 06083-GEC-00-CN-MA SHEET #: 18 OF 38 AS-105



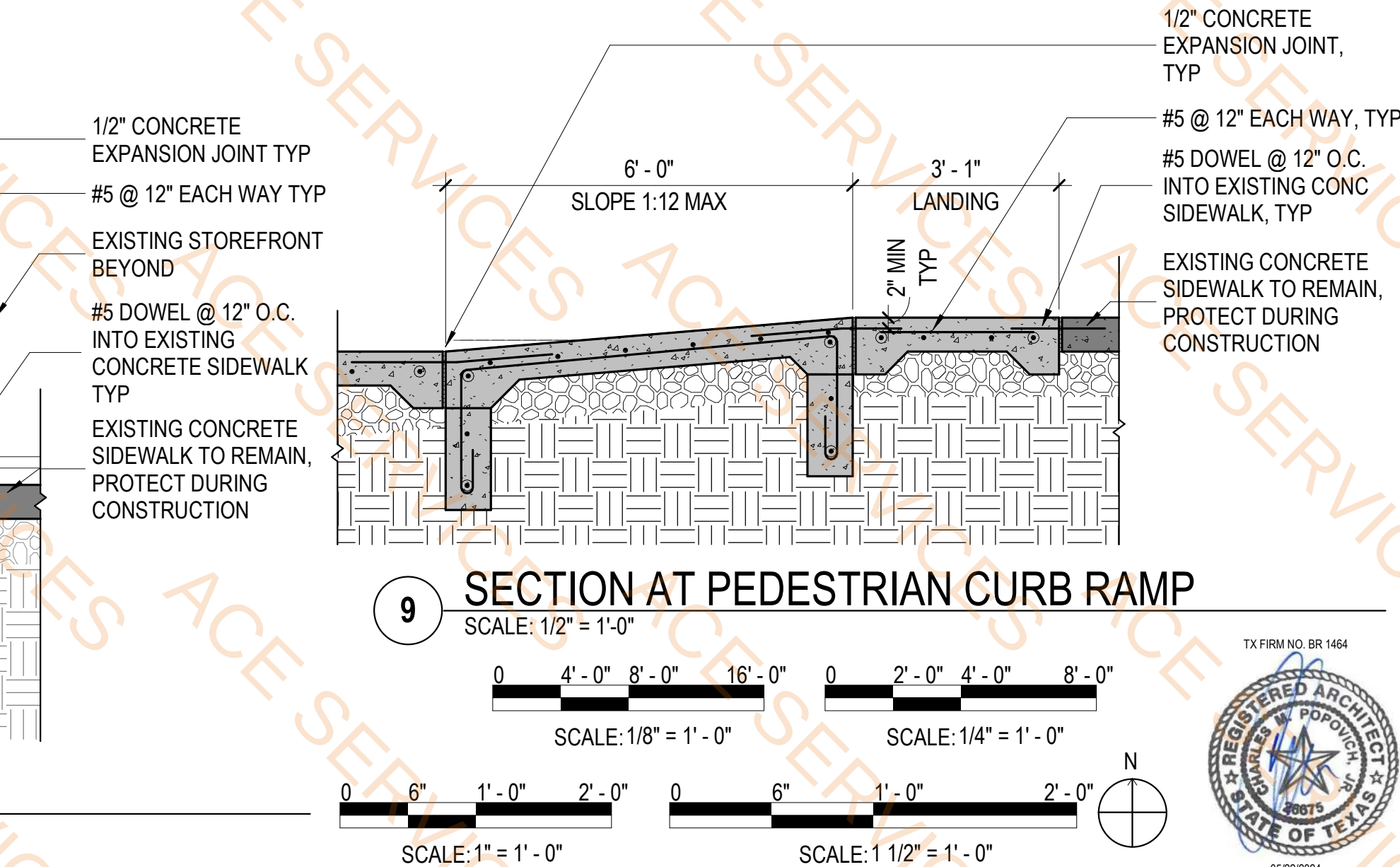
NEW CONCRETE & CONCRETE REPAIR



5900 SOUTH CONCRETE SIDEWALK REPAIR AND RET WALL REPLACEMENT



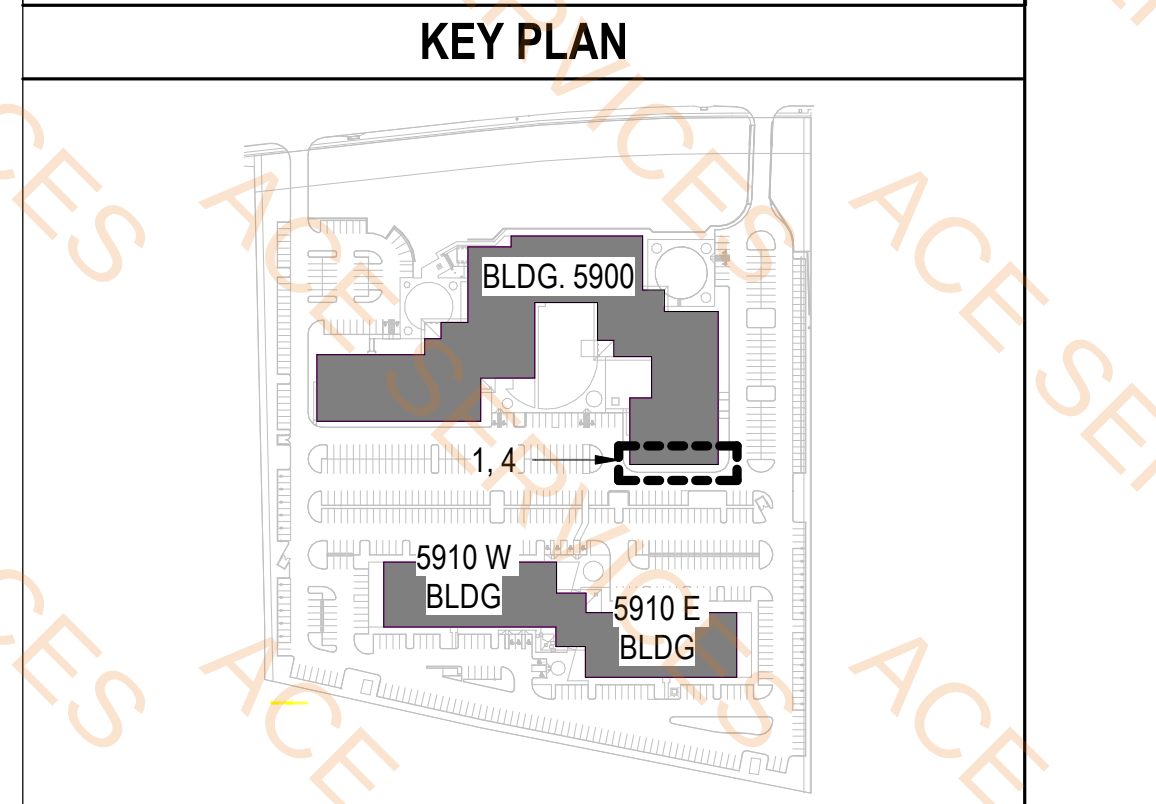
5900 ENLARGED SITE PLAN - SOUTH PEDESTRIAN CURB RAMPS



Description	Quantity	Unit
6" thick Concrete landing reinf. w/ #5 @ 12" EW	108	sf
6" thick Concrete sidewalk reinf. w/ #5 @ 12" o.c. EW	297	sf
Concrete curb reinf. w/ #5 bar cont. Size: 0'-6"x1'-0"	78.11	ft
Concrete ramp turndown reinf. w/ #5 @ 12" o.c. EW Size: 0'-6"x1'-6"	39	cu ft
Concrete retaining wall reinf. w/ [2]-5 cont. T&B, #5 @ 12" o.c. EW Size: 0'-6"x1'-10"	130.79	ft

60	INSTALL NEW ALUMINUM PIPE HANDRAIL WITH 1' EXTENSIONS; PROVIDE SAMPLE FOR FINAL APPROVAL BY OWNER; REFERENCE SHEET AS-113
76	INSTALL CONCRETE RETAINING WALL AND WIDEN EXISTING SIDEWALK PER NEW CONSTRUCTION DRAWINGS

CONCRETE SITE PLAN LEGEND	
	EXISTING BUILDING FOOTPRINT / STRUCTURE TO REMAIN
	EXISTING CONDITIONS TO REMAIN
	EXTENTS OF CONCRETE REPAIR
	NEW CONCRETE



NO.	DATE	REVISION	APPROV.

DALLAS NORTH TOLLWAY

NTTA

NORTH TEXAS TOLLWAY AUTHORITY

ENLARGED SITE PLANS - NEW CONCRETE & CONCRETE REPAIR

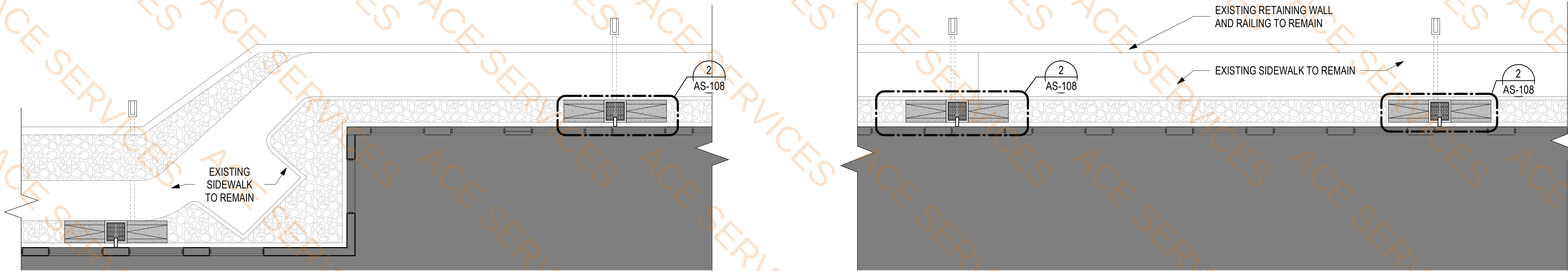
Michael Baker INTERNATIONAL

1501 LBJ FREEWAY, SUITE 650, DALLAS, TX 75234
PH: 469-501-5500
TBP# REG:

DRAWN: SB/SN DATE: 05/22/2024 DESIGNED: PJS DATE: 05/22/2024
CHECKED: CP DATE: 05/22/2024 SCALE: As indicated

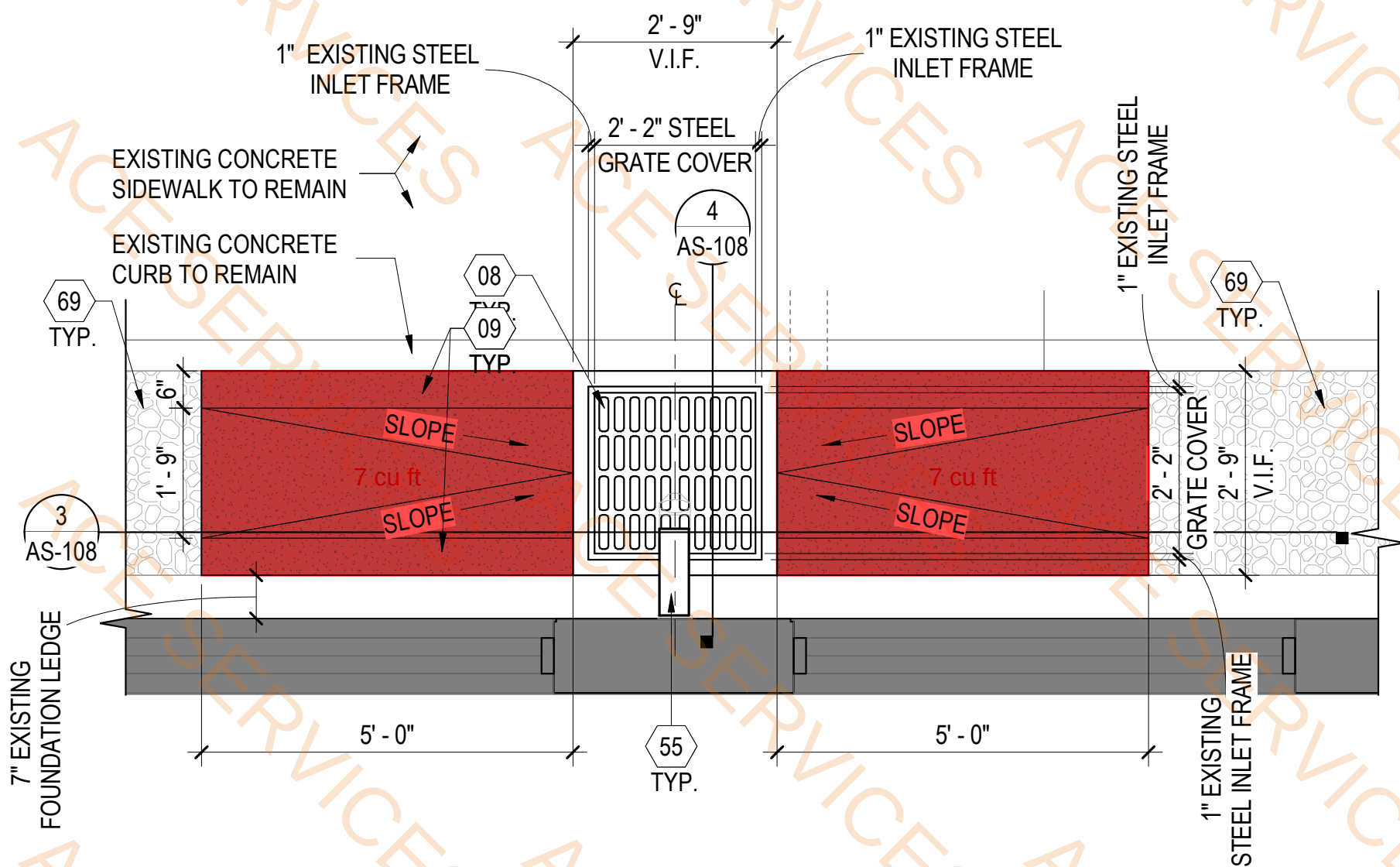
CONTRACT NO. 06083-GEC-00-CN-MA SHEET #: 19 OF 38 AS-106

5900 BUILDING DRAINAGE - INLET STEEL GRATES & NEW CONCRETE FLUME

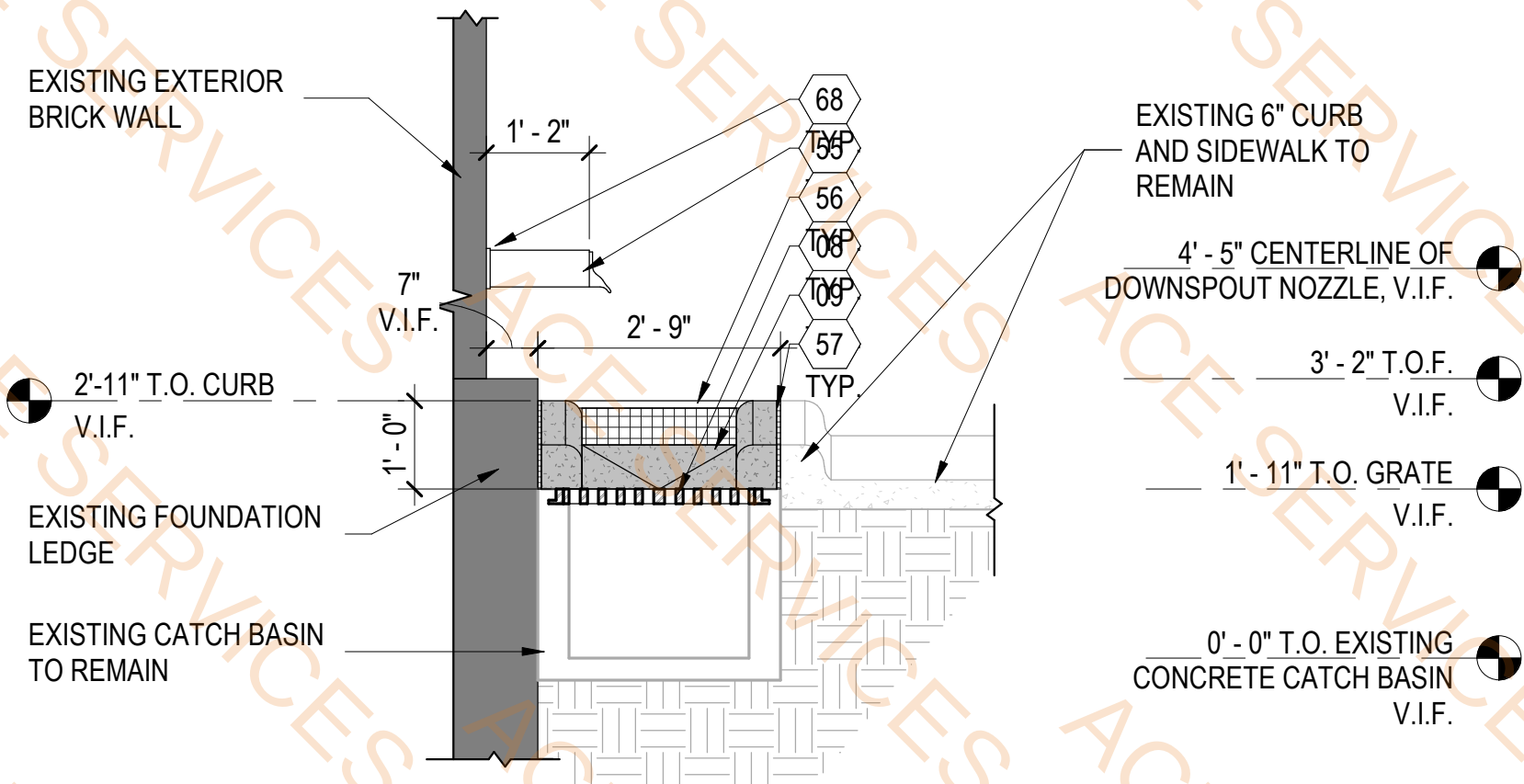


- KEYNOTES**
- 08 INSTALL NEW GALVANIZED STEEL INLET GRATE TO MATCH EXISTING GRATE IN ALL ASPECTS, AND INSTALL IN EXISTING CONCRETE FRAME POCKET
 - 09 INSTALL 5' LONG, 'V' SHAPED REINFORCED CONCRETE FLUME DESIGNED HORIZONTALLY FLAT AT EDGE OF INLET GRATE POCKET; DOWEL INTO EXISTING CONCRETE FOUNDATION WALL AND CURB. EVENLY RE-DISTRIBUTE SALVAGED EXISTING RIVER ROCK AROUND INLET GRATES AND 5' CONCRETE FLUME DESIGN SECTIONS ON BOTH SIDES
 - 55 REMOVE EXISTING DOWNSPOUT NOZZLE AND SALVAGE FOR REINSTALLATION; INSTALL 6" EXTENSION COLLAR AND REINSTALL EXISTING DOWNSPOUT NOZZLE. CLEAN, PREP AND PAINT ALL EXPOSED SURFACES OF DOWNSPOUT NOZZLE AND COLLAR TO MATCH MASONRY WALL FINISH COLOR. PROVIDE FINISH COLOR SAMPLES FOR FINAL APPROVAL BY OWNER
 - 56 INSTALL HORIZONTAL GALVANIZED STEEL BAR FRAME WITH 1" x 1" WELDED WIRE MESH INFILL FOR ROCK BLOCKAGE
 - 57 INSTALL CONCRETE EXPANSION JOINT
 - 68 REMOVE EXISTING DOWNSPOUT NOZZLE SEALANT; INSTALL SEALANT AT EXTENSION COLLAR TO MATCH MASONRY WALL FINISH COLOR. PROVIDE FINISH COLOR SAMPLES FOR FINAL APPROVAL BY OWNER
 - 69 INSTALL NEW RIVER ROCK TO MATCH EXISTING COLOR, TEXTURE, AND SIZE. BLEND WITH EXISTING SALVAGED RIVER ROCK PRIOR TO PLACEMENT INTO DRAINAGE SWALE. FILL DRAINAGE AREA BETWEEN BUILDING FOUNDATION AND SIDEWALK TO COVER ENTIRE SURFACE OF EXISTING DRAINAGE SWALE

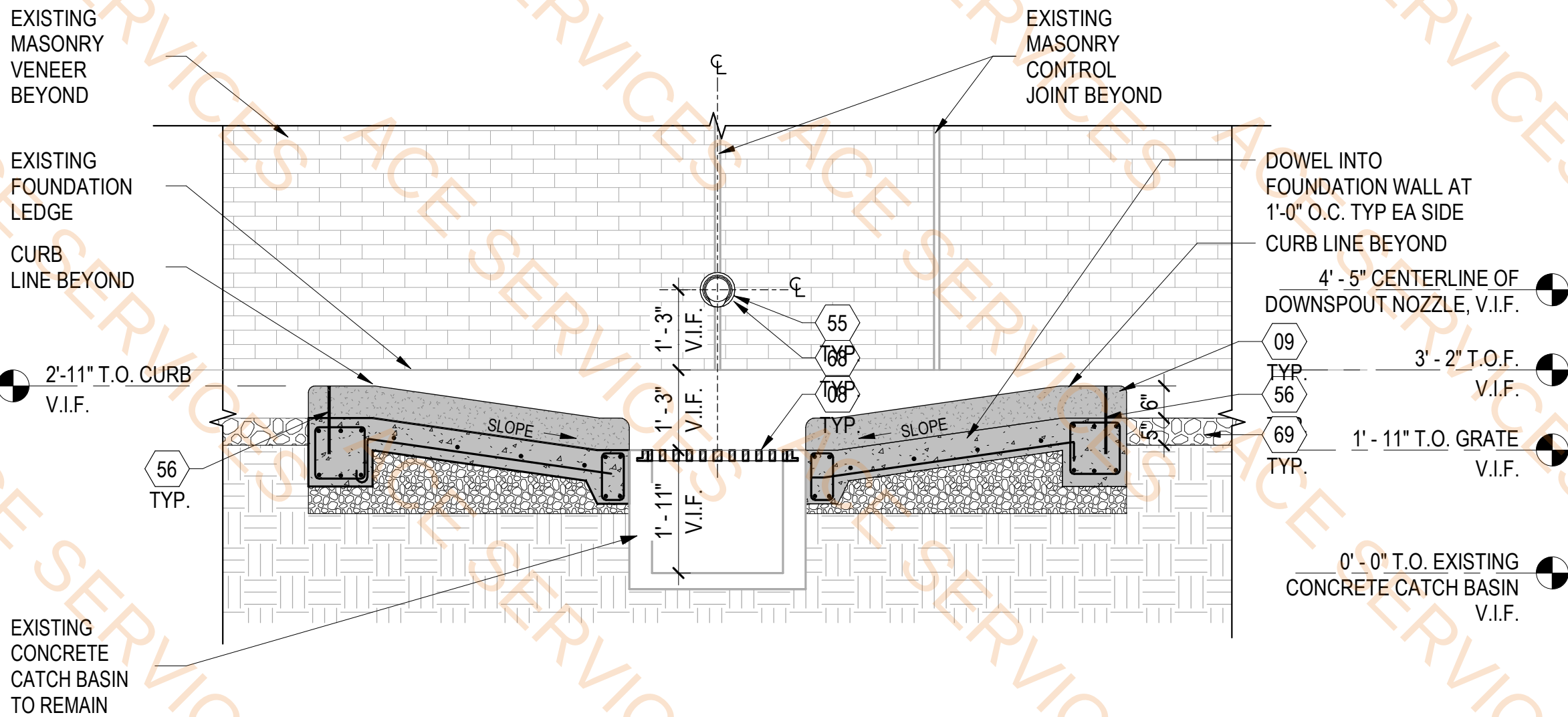
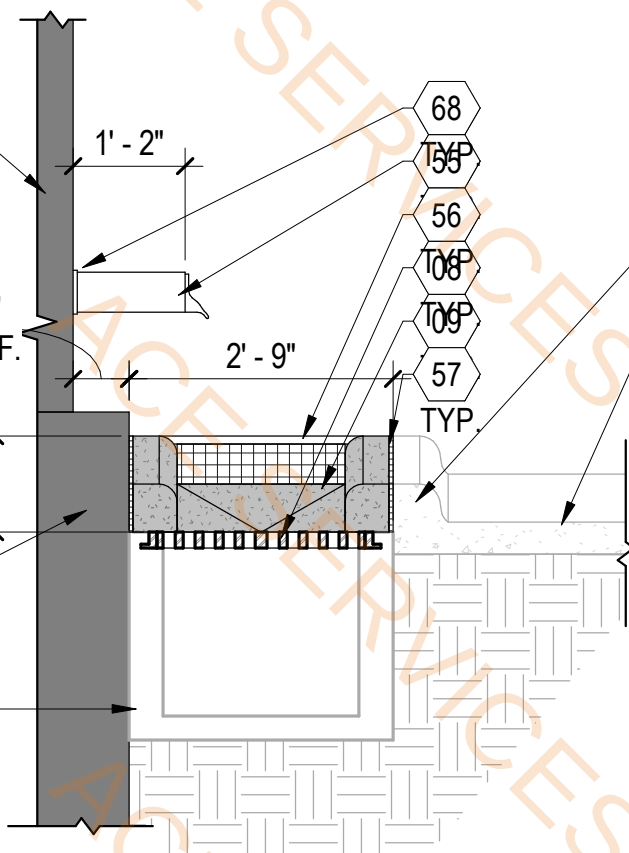
1 ENLARGED SITE PLAN - NORTH DRAINAGE
SCALE: 1/8" = 1'-0"



2 PLAN DETAIL - INLET GRATE
SCALE: 1/2" = 1'-0"



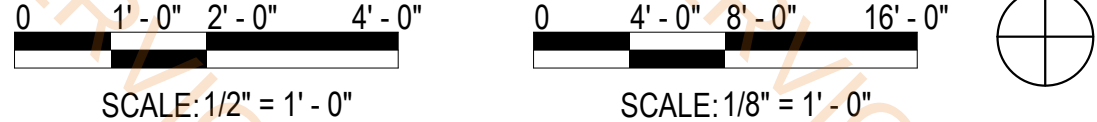
4 SECTION DETAIL - INLET GRATE
SCALE: 1/2" = 1'-0"



3 SECTION DETAIL - INLET GRATE
SCALE: 1/2" = 1'-0"

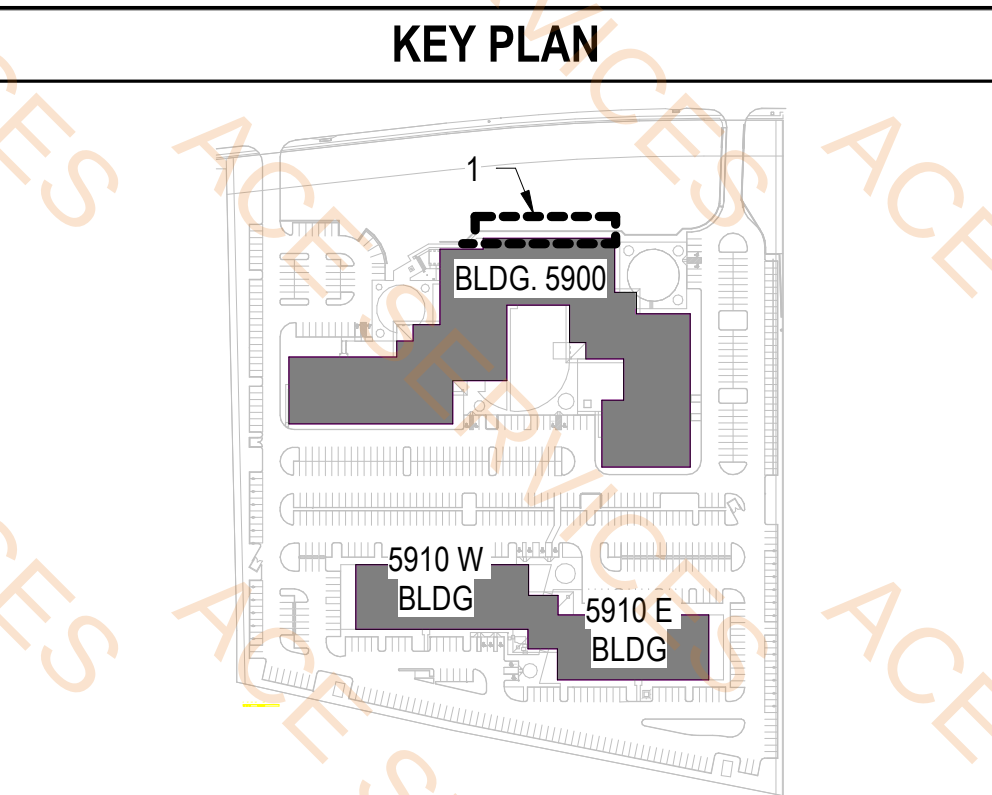


5 5900 NORTH DOWNSPOUT NOZZLE EXTENSION
SCALE: 1/2" = 1'-0"



CONCRETE SITE PLAN LEGEND

	EXISTING BUILDING FOOTPRINT / STRUCTURE TO REMAIN
	EXISTING CONDITIONS TO REMAIN
	EXISTING CONCRETE TO REMAIN
	NEW CONCRETE (PLAN AND SECTION)



NO.	DATE	REVISION	APPROV.

DALLAS NORTH TOLLWAY

NTTA

NORTH TEXAS TOLLWAY AUTHORITY

ENLARGED SITE PLANS - INLET STEEL GRATES & NEW CONCRETE FLUME

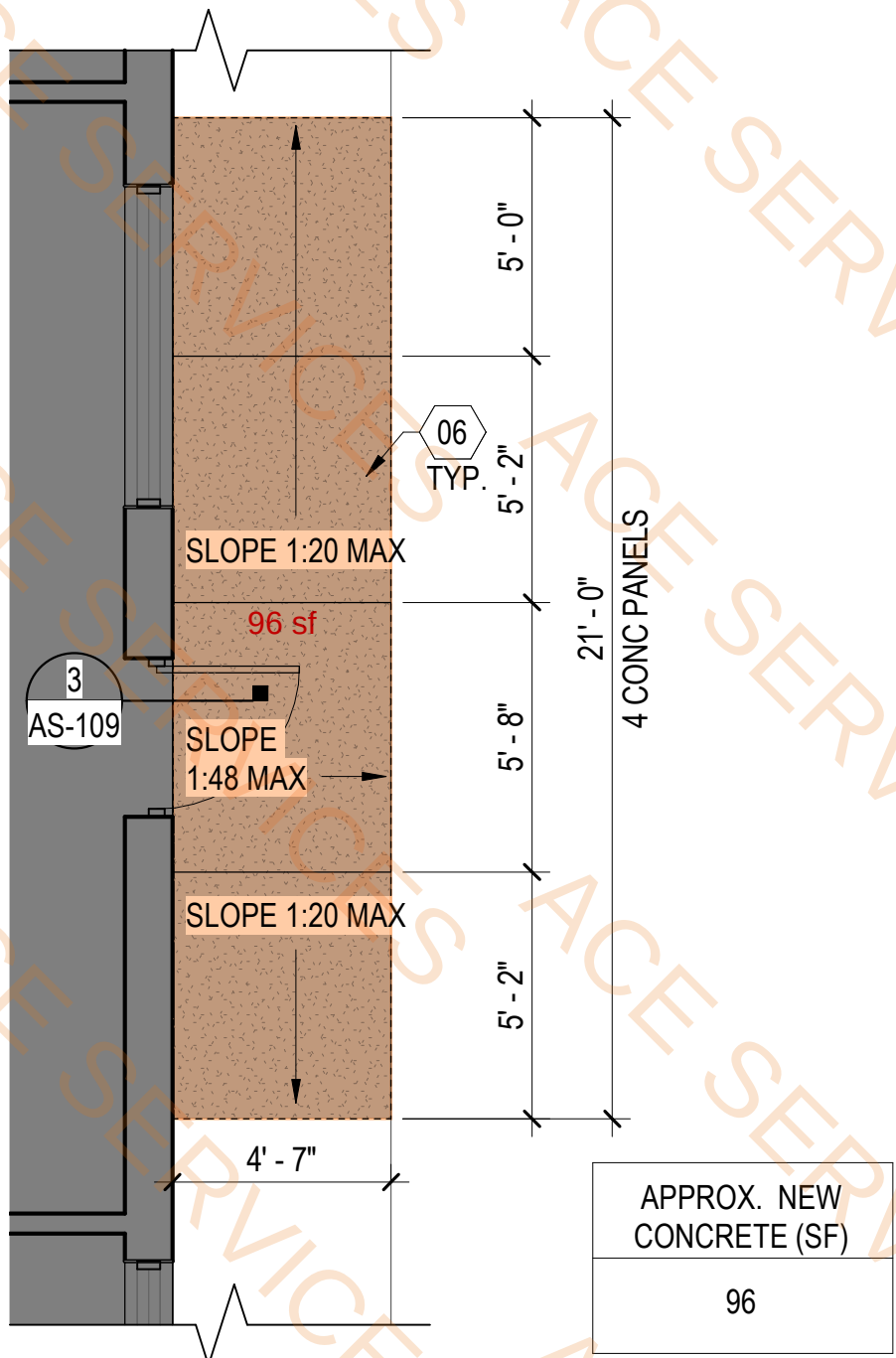
Michael Baker International

1501 LBJ FREEWAY, SUITE 650, DALLAS, TX 75234
PH: 469-501-5500
TXPE REG:

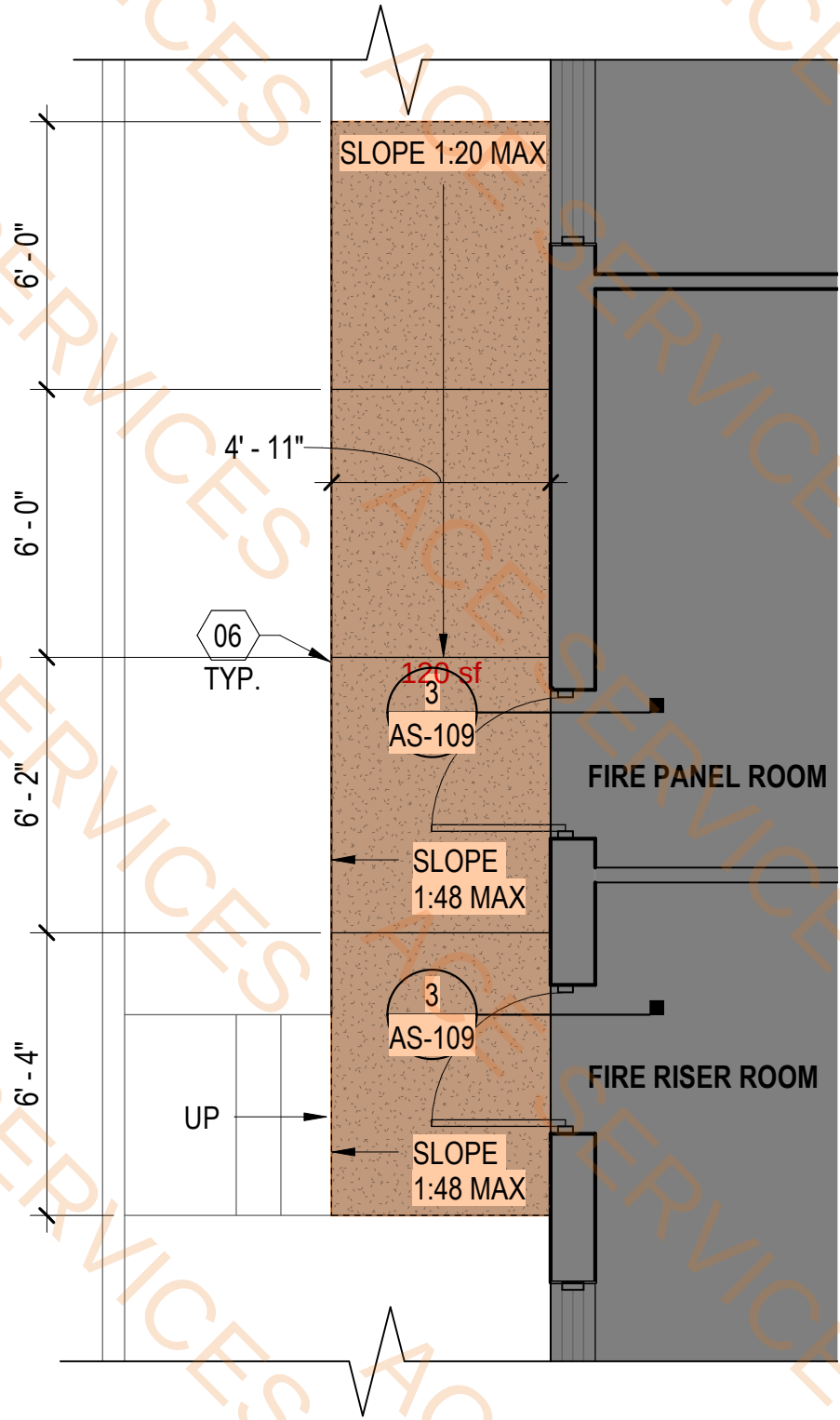
DRAWN: SB/SN DATE: 05/22/2024 DESIGNED: PJS DATE: 05/22/2024
CHECKED: CP DATE: 05/22/2024 SCALE: As indicated

CONTRACT NO. 06083-GEC-00-CN-MA SHEET #: 21 OF 38 AS-108

NEW CONCRETE

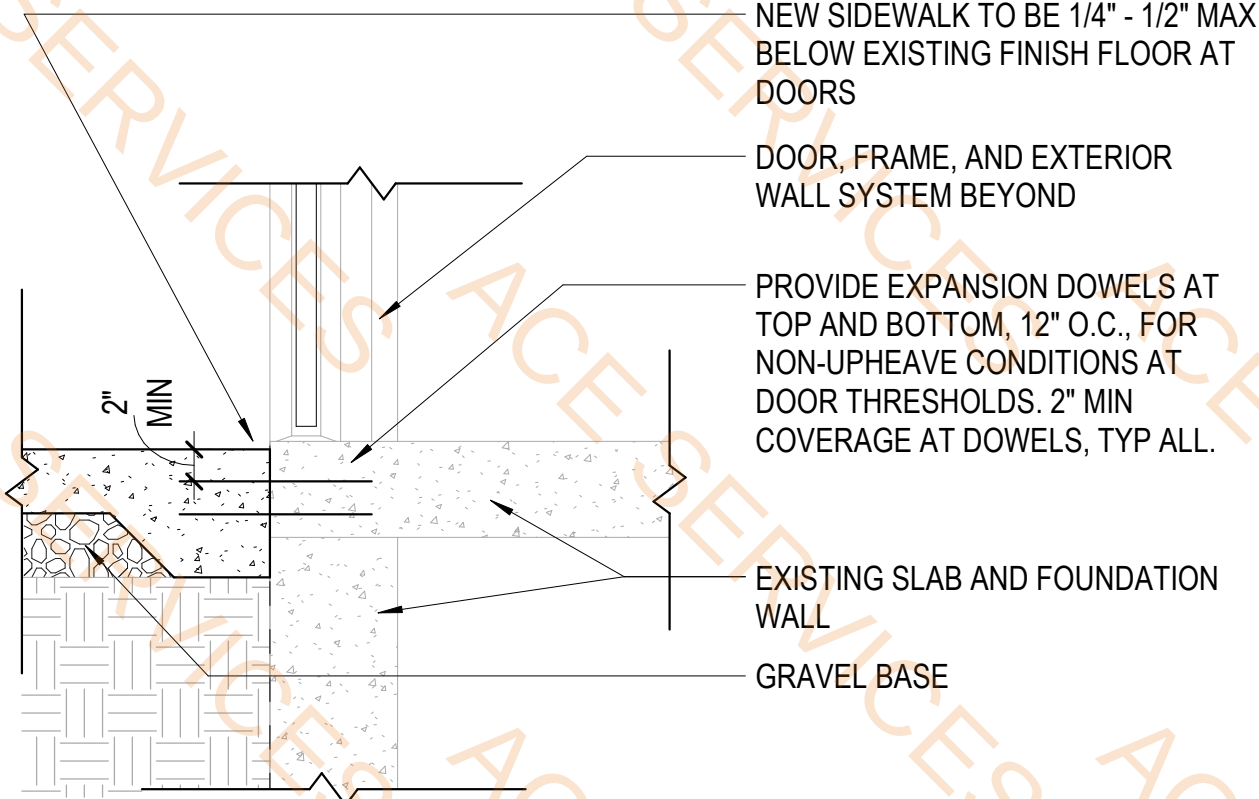


1 5900 ENLARGED SITE PLAN - EAST EXTERIOR DOOR NEW CONCRETE
SCALE: 1/4" = 1'-0"



2 5900 ENLARGED SITE PLAN - WEST SIDEWALK NEW CONCRETE
SCALE: 1/4" = 1'-0"

TOTAL APPROX. NEW CONC. (SF)	216
------------------------------	-----



3 SIDEWALK SLAB AT DOOR THRESHOLD
SCALE: 1" = 1'-0"

KEYNOTES	
06	INSTALL CONCRETE SIDEWALK, JOINT SEALANT AND BACKER ROD FLUSH WITH DOOR THRESHOLD. DOWEL INTO FOUNDATION AND PROVIDE 1/2" EXPANSION JOINT AT BUILDING FOUNDATION

CONCRETE SITE PLAN LEGEND	
	EXISTING BUILDING FOOTPRINT / STRUCTURE TO REMAIN
	EXISTING CONDITIONS TO REMAIN
	EXTENTS OF CONCRETE REPAIR
	NEW CONCRETE

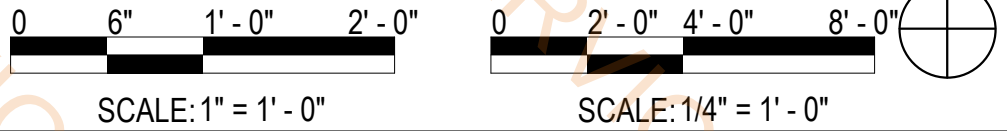
KEY PLAN			
NO.	DATE	REVISION	APPROV.

DALLAS NORTH TOLLWAY	
NORTH TEXAS TOLLWAY AUTHORITY	

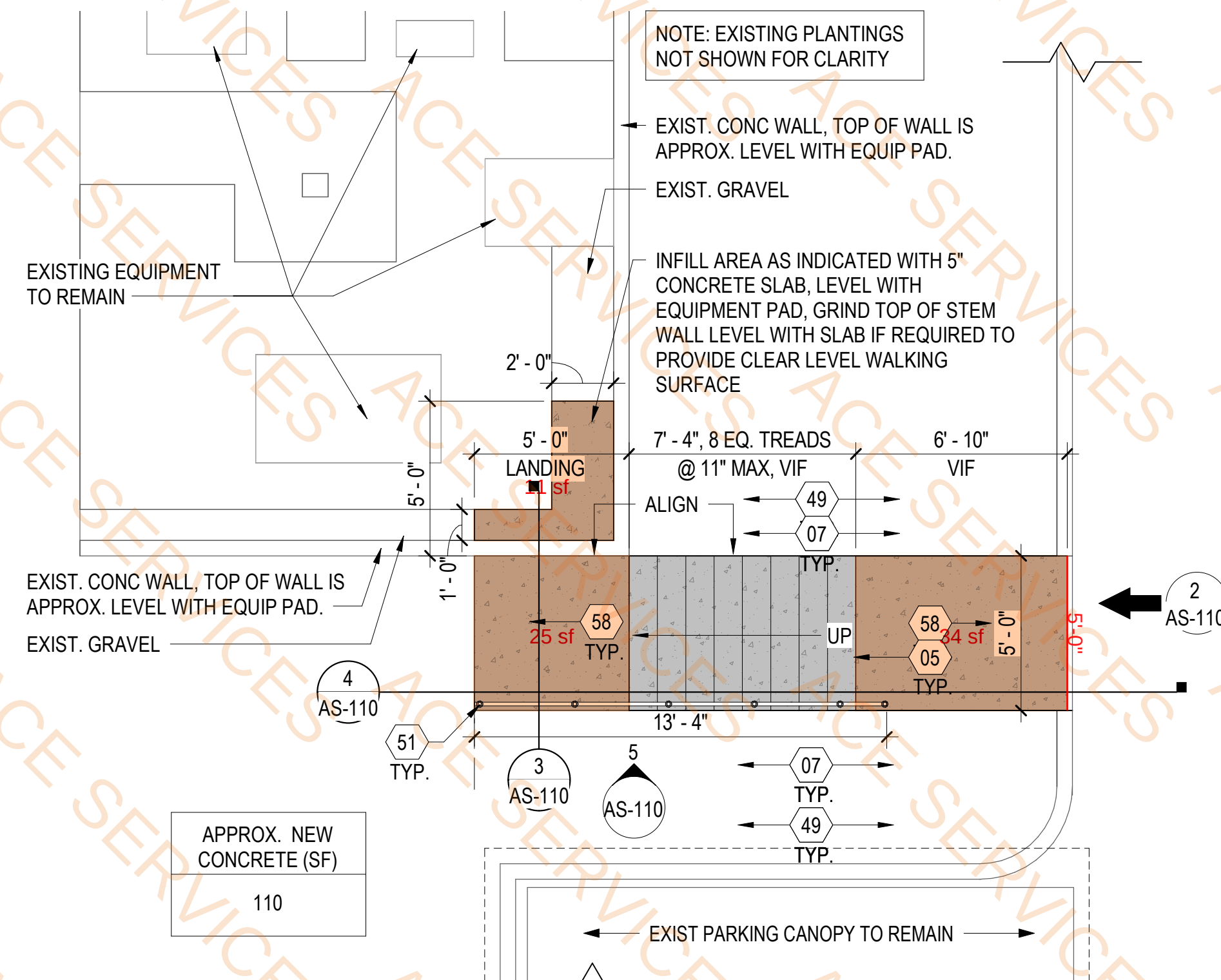
ENLARGED SITE PLANS - NEW CONCRETE	
1501 LBJ FREEWAY, SUITE 650, DALLAS, TX 75234 PH: 469-501-5500 TXBPE REG.	
DRAWN: SB/SN	DATE: 05/22/2024
CHECKED: CP	DATE: 05/22/2024
DESIGNED: PJS	DATE: 05/22/2024
SCALE: As indicated	
CONTRACT NO. 06083-GEC-00-CN-MA	SHEET #: 22 OF 38 AS-109

Legend

Description	Quantity	Unit
6" thick Concrete sidewalk reinf. w/ #5 @ 12" o.c. EW	216	sf



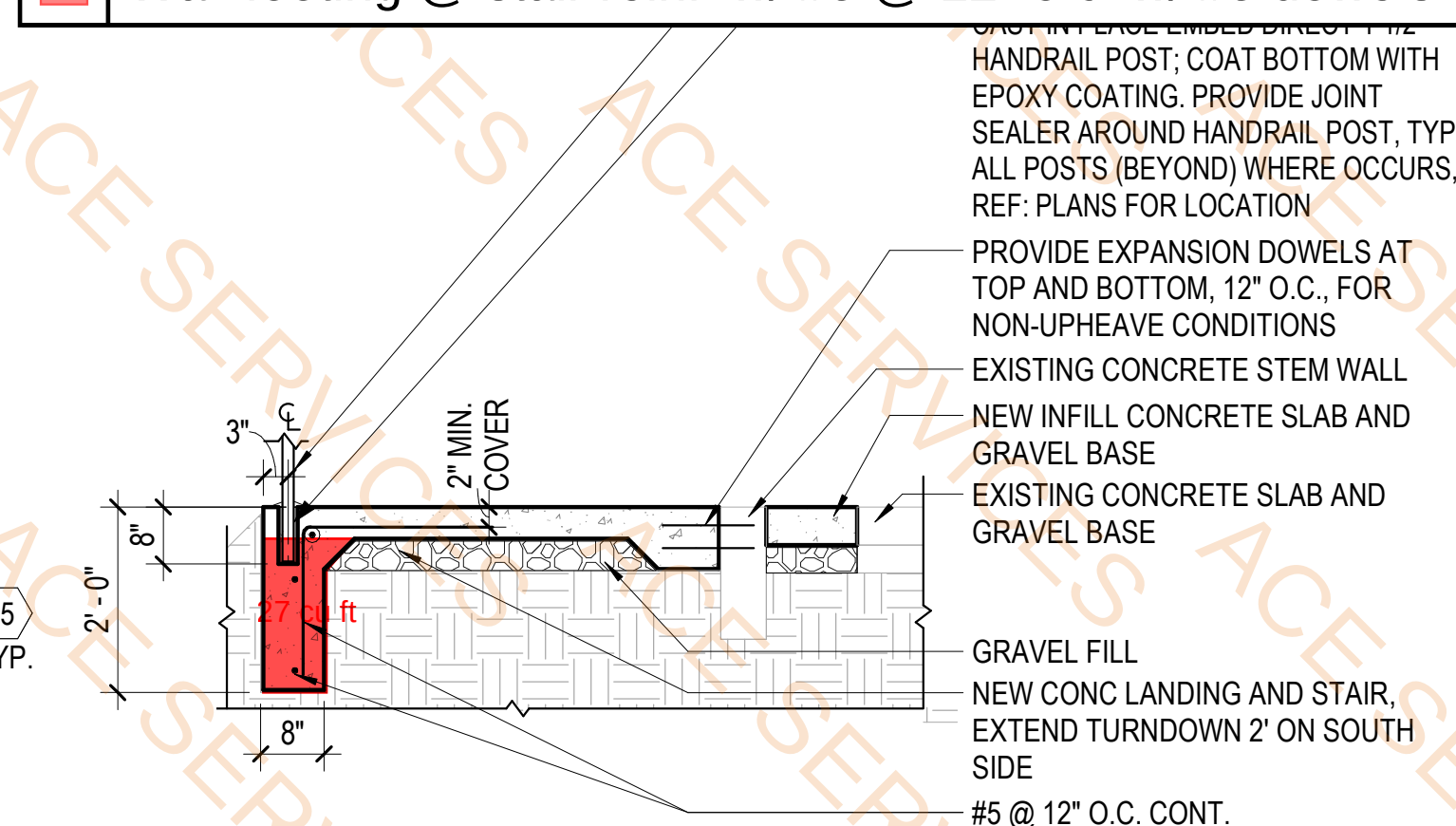
NEW CONCRETE STAIR



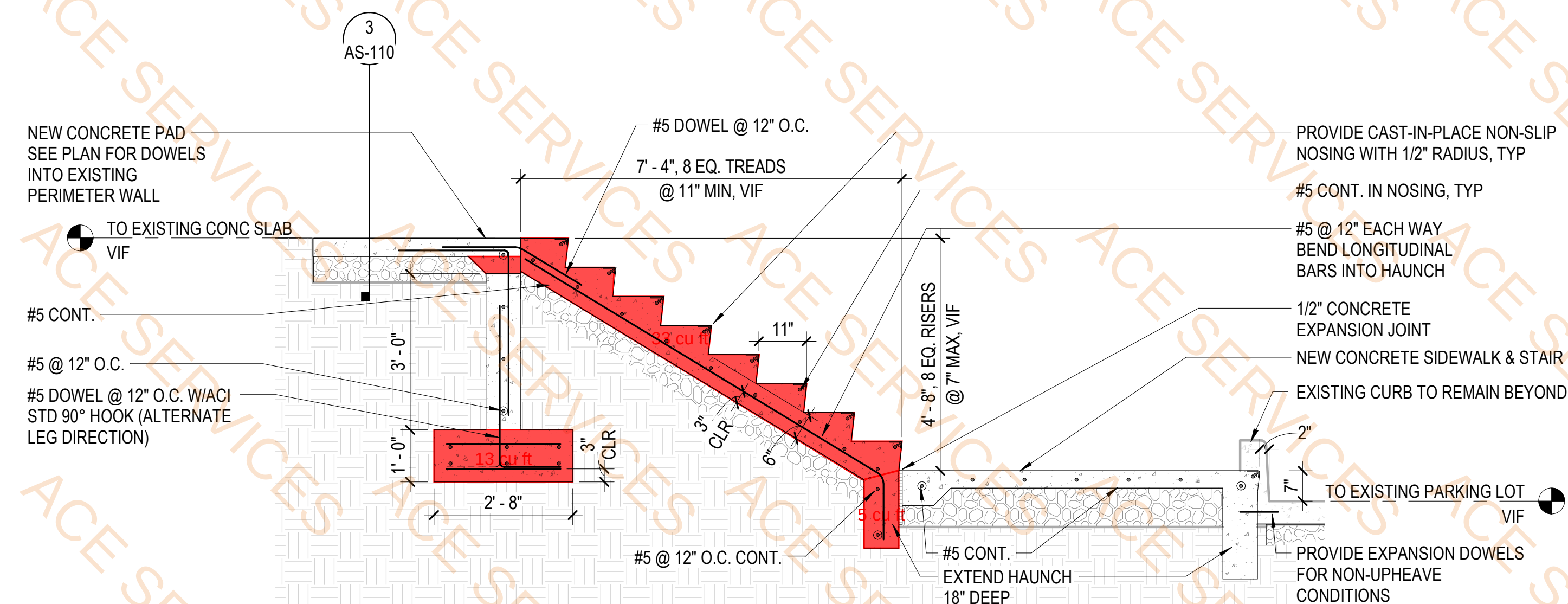
1 WEST EQUIPMENT PAD STAIR
SCALE: 1/4" = 1'-0"



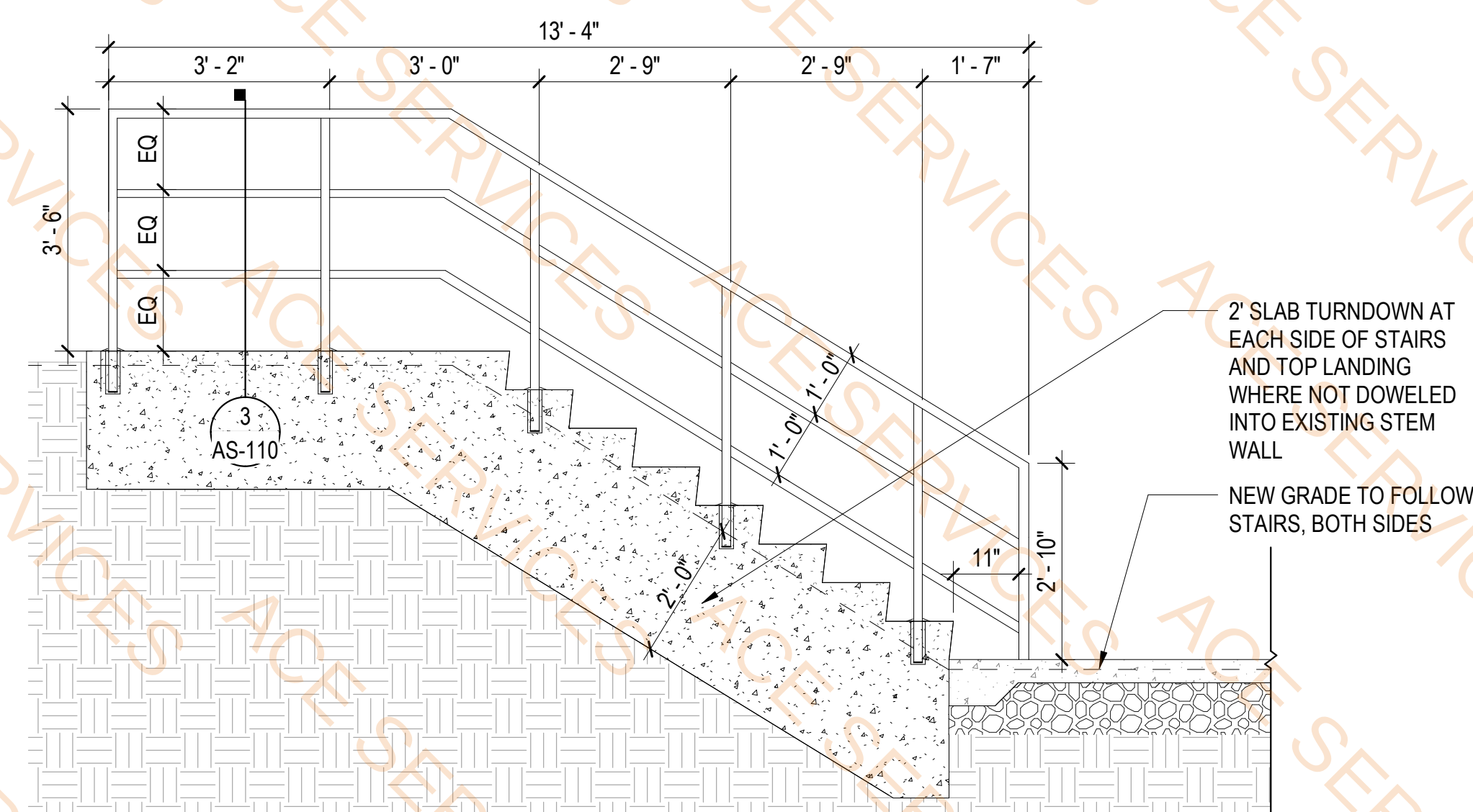
2 WEST EQUIPMENT PAD PHOTO



3 **LANDING SECTION**
SCALE: 1/2" = 1'-0"



4 WEST STAIR SECTION
SCALE: 1/2" = 1'-0"

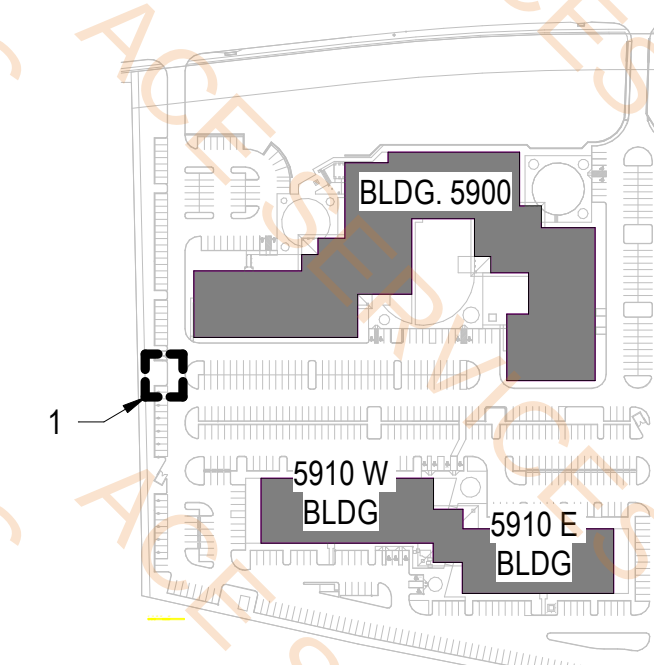


5 STAIR STRINGER ELEVATION
SCALE: 1/2" = 1'-0"

Legend			
	Description	Quantity	Unit
	4" thick concrete landing reinf. w/ #5 cont. bar	59	sf
	5" thick concrete slab	11	sf
	Concrete footing reinf. w/ #5 cont. Size: 0'-8"x1'-6"	5	cu ft
	Concrete stair reinf. w/ #5 cont. & #5 dowels @ 12" o.c. & #5 @ 12" o.c. EW Size: 0'-11"x0'-8"	33	cu ft
	Concrete wall @ stair reinf. w/ #5 @ 12" o.c. Size: 0'-8"x3'-0"	4.99	ft
	Thickened edge @ landing reinf. w/ #5 @ 12" o.c. cont. Size: 0'-8"x1'-6"	27	cu ft
	Wall footing @ stair reinf. w/ #5 @ 12" o.c. w/ #5 dowels @ 12" o.c. Size: 2'-8"x1'-0"	13	cu ft

CONCRETE SITE PLAN LEGEND	
	EXISTING BUILDING FOOTPRINT / STRUCTURE TO REMAIN
	EXISTING CONDITIONS TO REMAIN
	EXISTING CONCRETE TO REMAIN
	NEW CONCRETE (PLAN AND SECTION)

KEY PLAN



NO.	DATE	REVISION	APPROV.

DALLAS NORTH TOLLWAY



ENLARGED SITE PLANS & PHOTOS - NEW CONCRETE STAIR



Michael Baker
INTERNATIONAL

1501 LBJ FREEWAY,
SUITE 650, DALLAS, TX 75234
PH: 469-801-8500
TBE REG:

DRAWN	SB/SN	DATE	05/22/2024	DESIGNED	PJS	DATE	05/22/2024
CHECKED	CP	DATE	05/22/2024	SCALE	As indicated		

CONTRACT NO. 06083-GEC-00-CN-MA SHEET #: 23 OF 38 AS-110



Legend			
	Description	Quantity	Unit
	6" thick Concrete sidewalk reinf. w/ #5 @ 12" o.c. EW	236	sf

KEYNOTES	
02	INSTALL CONCRETE SIDEWALK; DOWEL INTO EXISTING ADJACENT CONCRETE PANEL; REPLACE EXPANSION JOINT AT EXISTING LOCATIONS
91	PROVIDE DECORATIVE CONTROL JOINTS IN NEW CONCRETE SLAB TO MATCH EXISTING AS INDICATED

CONCRETE SITE PLAN LEGEND	
	EXISTING BUILDING FOOTPRINT / STRUCTURE TO REMAIN
	EXISTING CONDITIONS TO REMAIN
	EXISTING CONCRETE TO REMAIN
	NEW CONCRETE (PLAN AND SECTION)

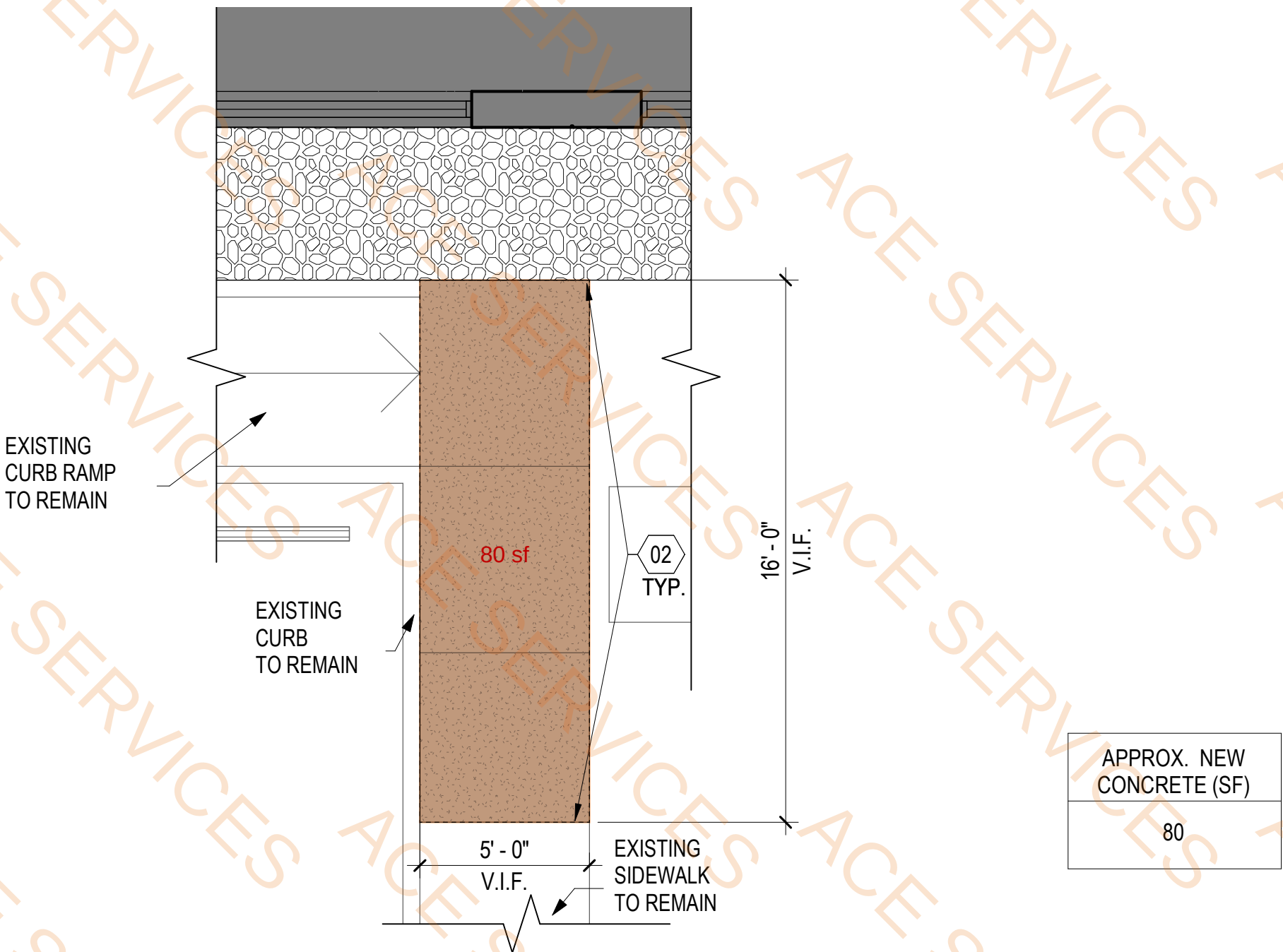
KEY PLAN			
NO.	DATE	REVISION	APPROV.

DALLAS NORTH TOLLWAY

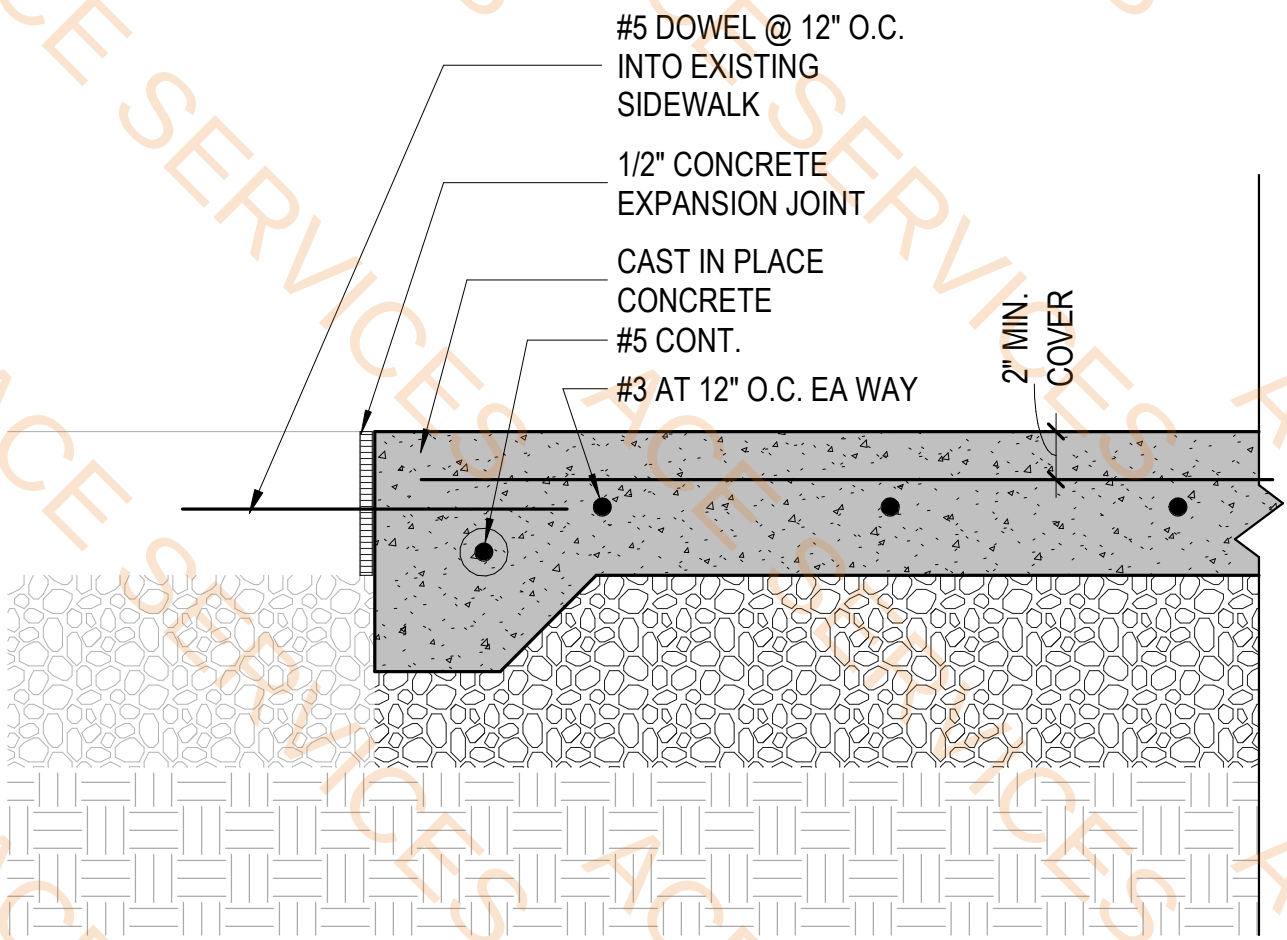


ENLARGED SITE PLANS - NEW CONCRETE

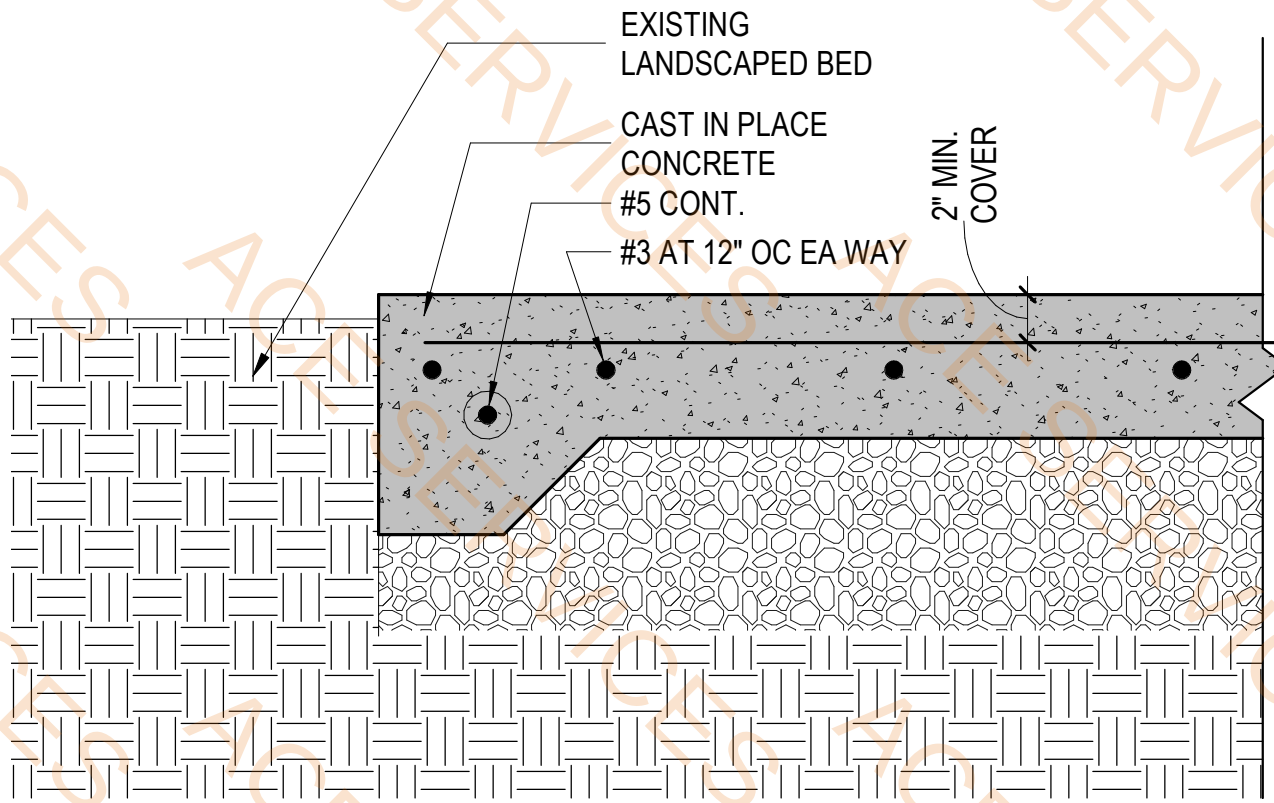
Michael Baker INTERNATIONAL		1501 LBJ FREEWAY, SUITE 650, DALLAS, TX 75234 PH: 469-901-5500 TXBPE REG.	
DRAWN: SB/SN	DATE: 05/22/2024	DESIGNED: PJS	DATE: 05/22/2024
CHECKED: CP	DATE: 05/22/2024	SCALE: As indicated	
CONTRACT NO. 06083-GEC-00-CN-MA		SHEET #: 24 OF 38 AS-111	



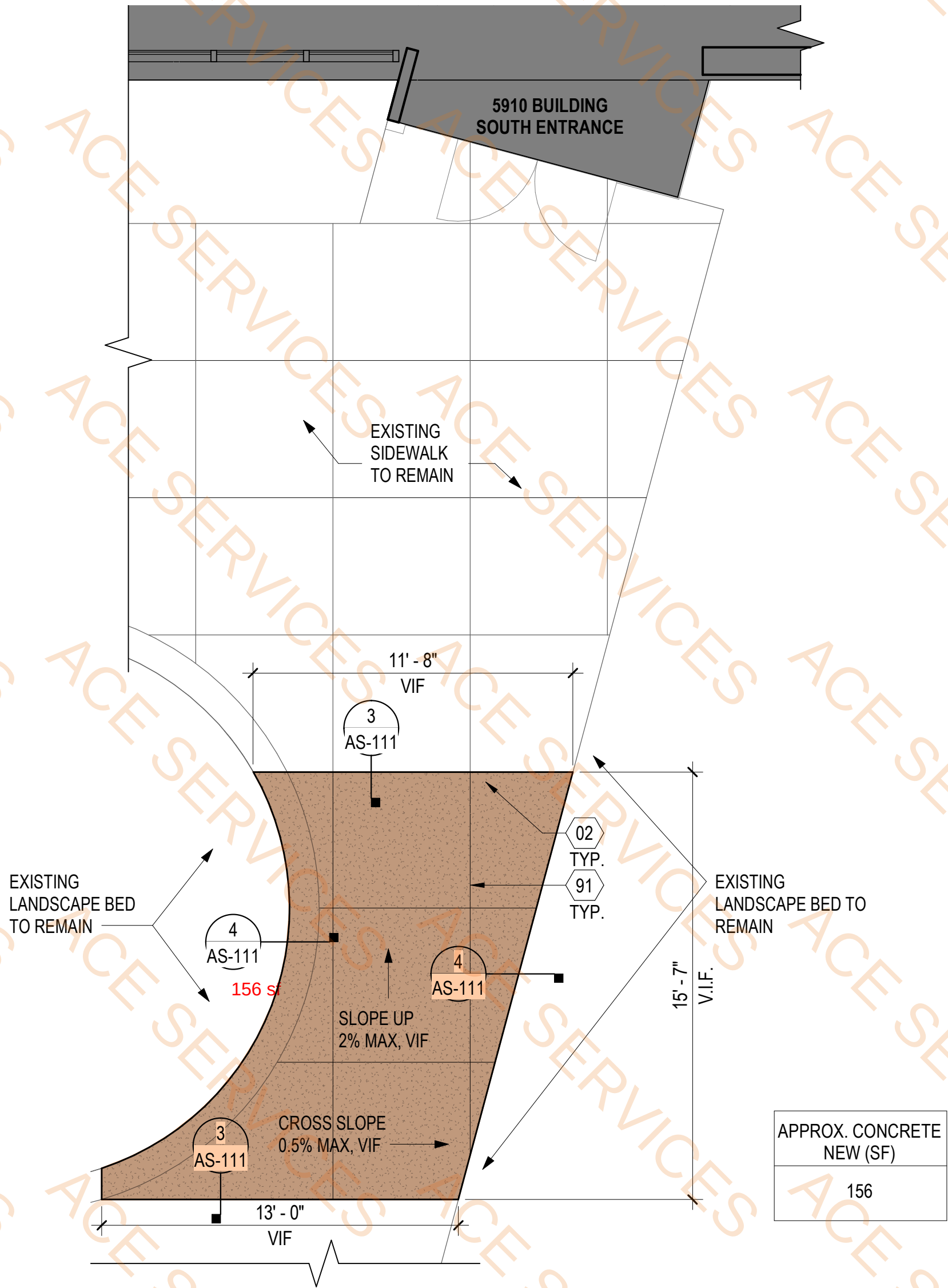
1 5910 ENLARGED SITE PLAN - SOUTH SIDEWALK CONCRETE
SCALE: 1/4" = 1'-0"



3 SECTION DETAIL - SIDEWALK NEW TO EXISTING
SCALE: 1 1/2" = 1'-0"

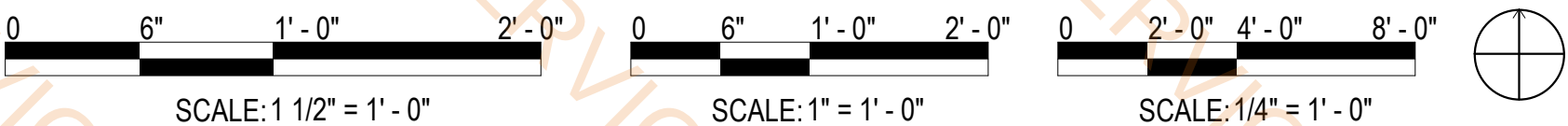


4 SECTION DETAIL - SIDEWALK EDGE
SCALE: 1 1/2" = 1'-0"

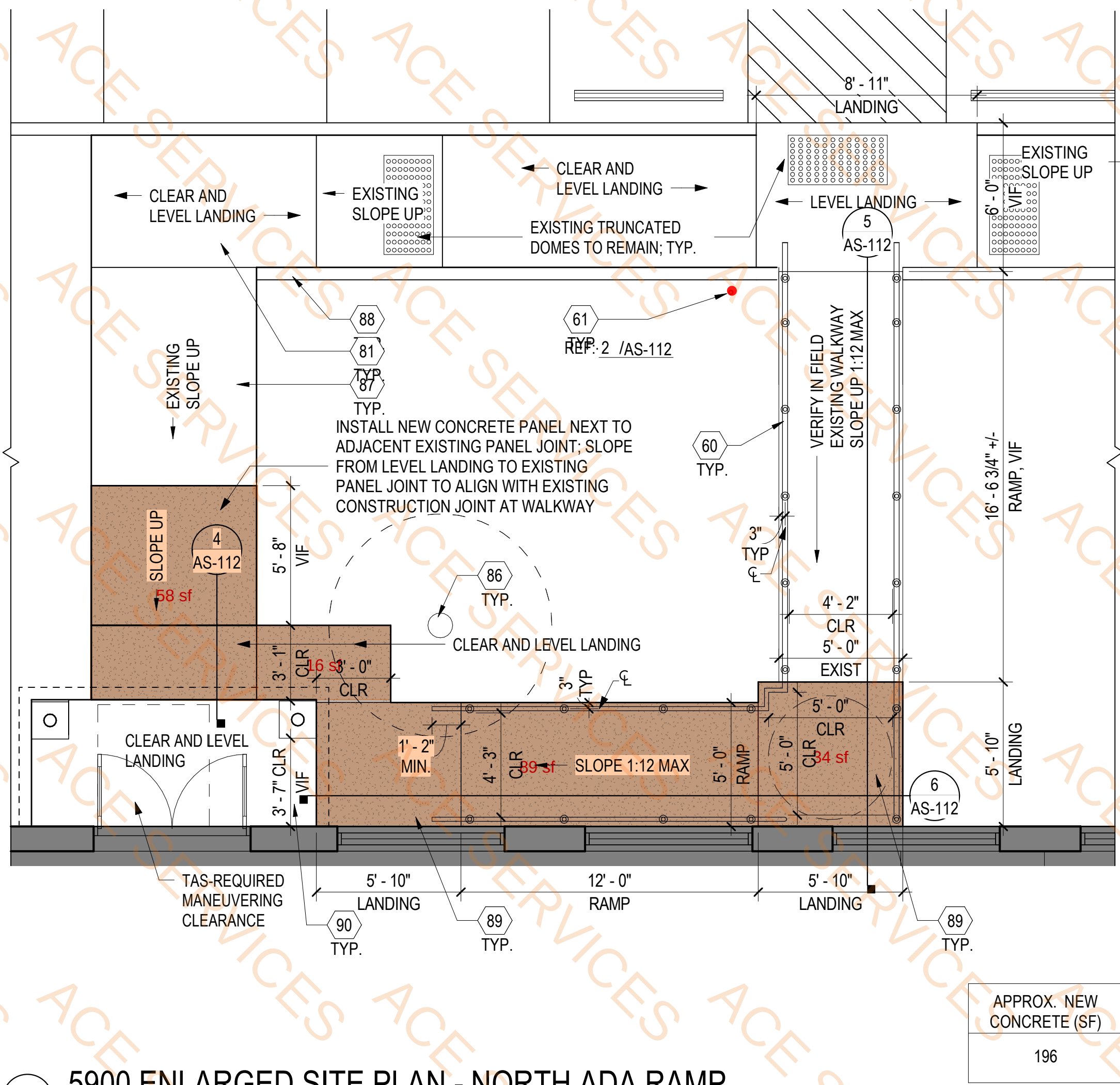


2 5910 ENLARGED SITE PLAN - SOUTH ENTRANCE CONCRETE
SCALE: 1/4" = 1'-0"

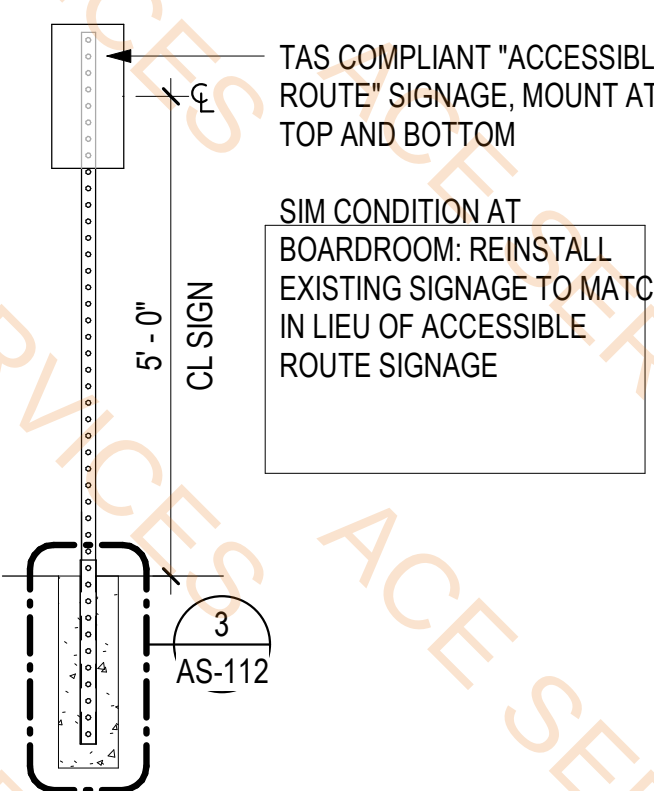
TOTAL APPROX. NEW CONC. (SF)	117
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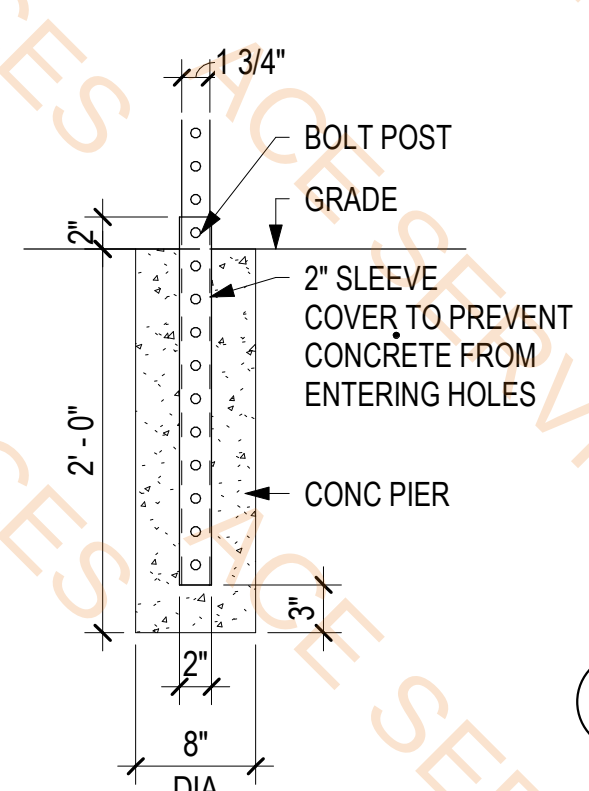
NEW CONCRETE ADA COMPLIANT RAMP & RAILING



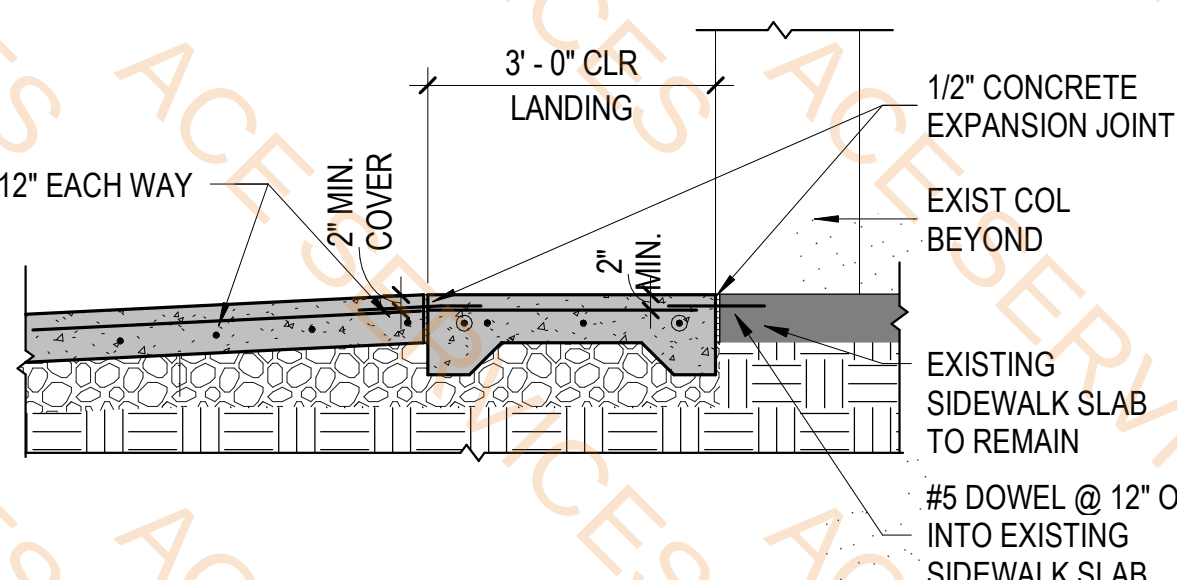
1 5900 ENLARGED SITE PLAN - NORTH ADA RAMP
SCALE: 1/4" = 1'-0"



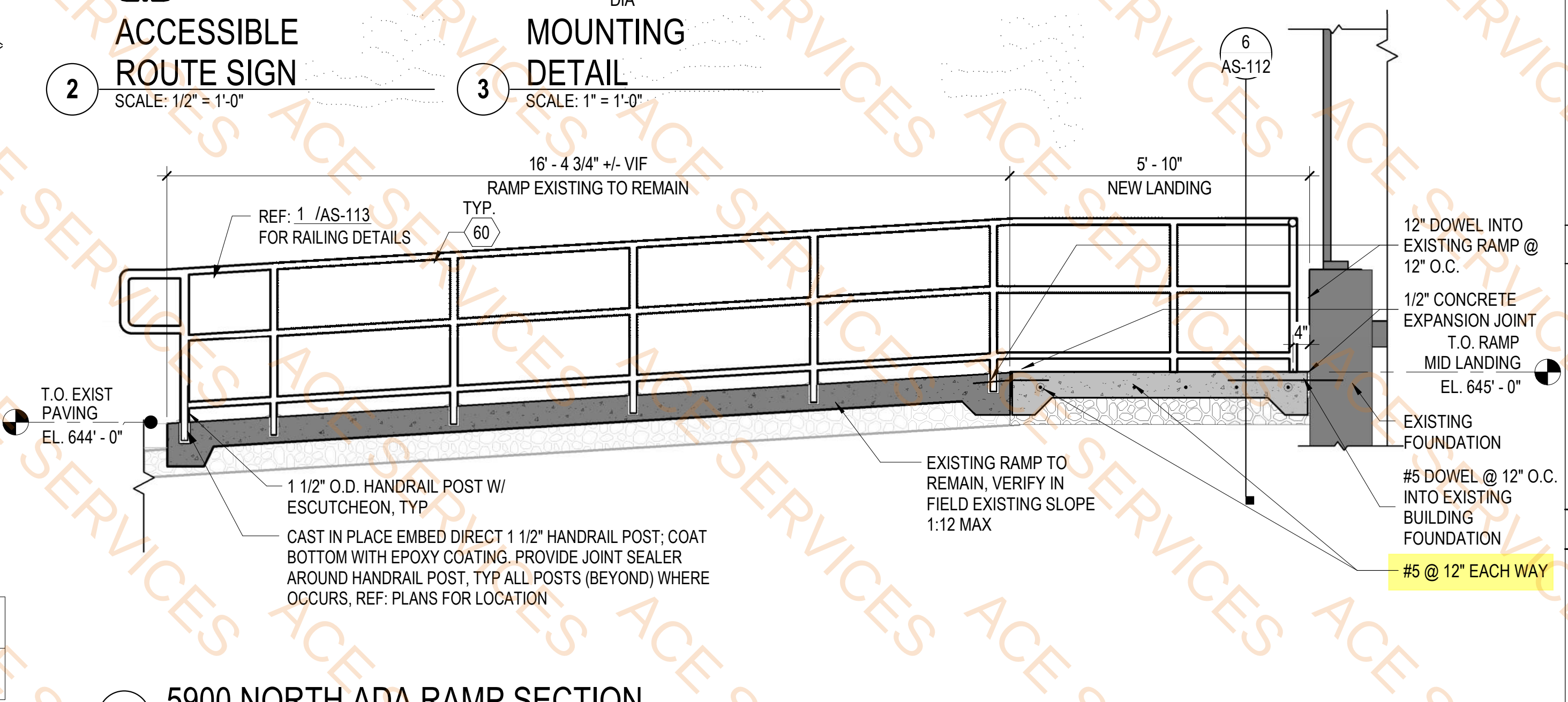
2 ACCESSIBLE ROUTE SIGN
SCALE: 1/2" = 1'-0"



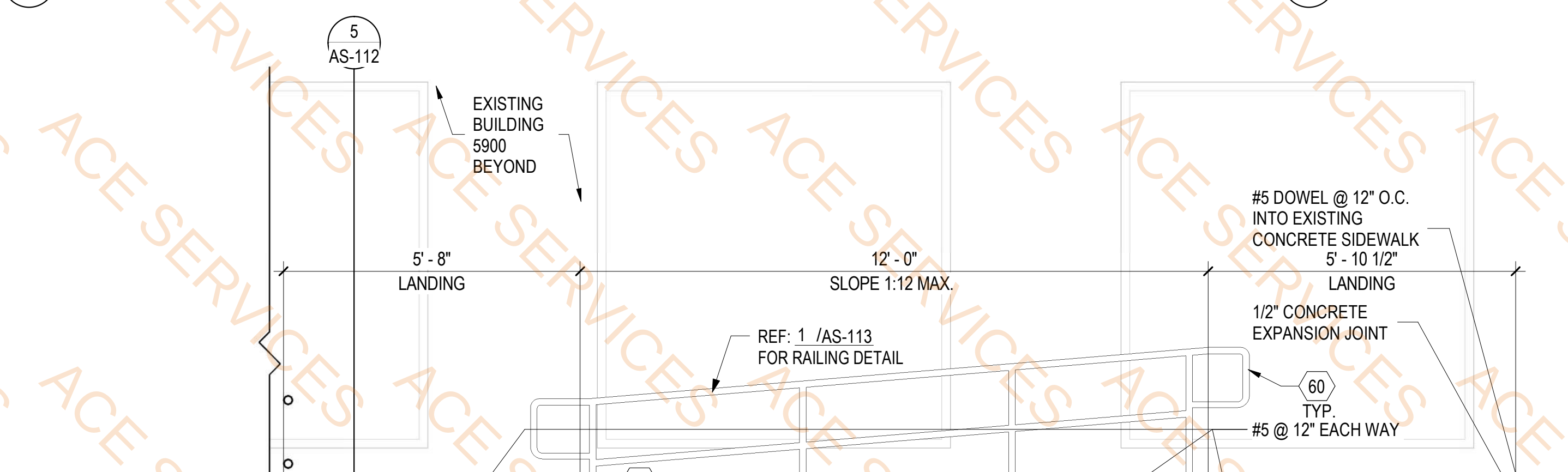
3 MOUNTING DETAIL
SCALE: 1" = 1'-0"



4 EXISTING LANDING TO NEW LANDING
SCALE: 1/2" = 1'-0"



5 5900 NORTH ADA RAMP SECTION
SCALE: 1/2" = 1'-0"



6 5900 NORTH ADA RAMP SECTION
SCALE: 1/2" = 1'-0"

Legend

	Description	Quantity	Unit
	6" thick Concrete sidewalk reinf. w/ #5 @ 12" o.c. EW	197	sf
	Concrete post footing Size: 0'-8" dia x 2'-0"H	1	Count
	Rectangle	1	Count

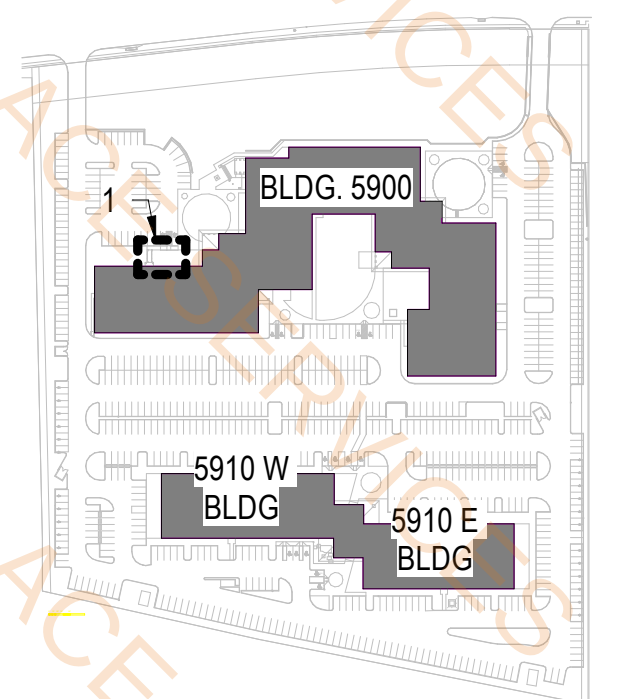
KEYNOTES

- 59 INSTALL CONCRETE ADA COMPLIANT RAMP
- 60 INSTALL NEW ALUMINUM PIPE HANDRAIL WITH 1' EXTENSIONS; PROVIDE SAMPLE FOR FINAL APPROVAL BY OWNER; REFERENCE SHEET AS-113
- 61 INSTALL NEW POLE MOUNTED ADA COMPLIANT ACCESSIBLE ROUTE SIGN; REFERENCE SHEET 2/AS-112
- 81 EXISTING SIDEWALK TO REMAIN, PROTECT DURING CONSTRUCTION.
- 86 EXISTING MATURE TREE TO REMAIN, PROTECT DURING CONSTRUCTION
- 87 EXISTING RAMP TO REMAIN, PROTECT DURING CONSTRUCTION
- 88 EXISTING CURB TO REMAIN, PROTECT DURING CONSTRUCTION
- 89 LANDINGS SHALL COMPLY WITH TAS 405.7
- 90 CLEAR WIDTH FOR ACCESSIBLE ROUTE COMPLIANT WITH TAS 403.5.1

CONCRETE SITE PLAN LEGEND

- EXISTING BUILDING FOOTPRINT / STRUCTURE TO REMAIN
- EXISTING CONDITIONS TO REMAIN
- EXISTING CONCRETE TO REMAIN
- NEW CONCRETE (PLAN AND SECTION)

KEY PLAN



NO.	DATE	REVISION	APPROV.

DALLAS NORTH TOLLWAY



ENLARGED SITE PLANS - NEW CONCRETE ADA COMPLIANT RAMP & RAILING

1501 LBJ FREEWAY,
SUITE 650, DALLAS, TX 75234
PH: 469-501-5500
TXBP REG.

TX FIRM NO. BR 1464

DRAWN: SB/SN DATE: 05/22/2024 DESIGNED: PJS DATE: 05/22/2024
CHECKED: CP DATE: 05/22/2024 SCALE: As indicated

CONTRACT NO. 06083-GEC-00-CN-MA SHEET #: 25 OF 38 AS-112

