

NOTE:
CONTRACTOR TO SUBMIT TO DESIGNER
CONTROL JOINT PLAN FOR APPROVAL
PRIOR TO PLACING CONC.

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CONSULTANT

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FILE:

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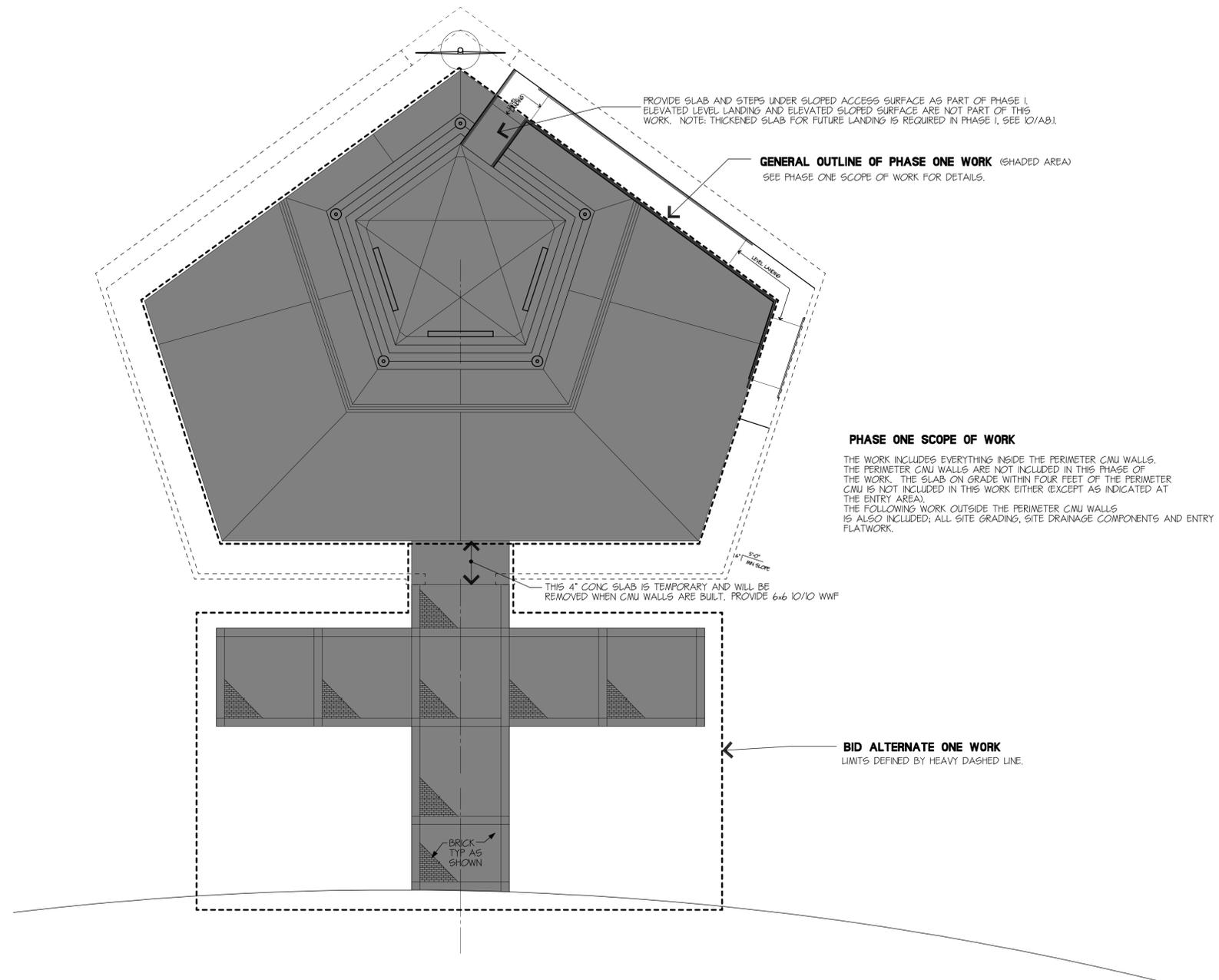
**VETERANS MEMORIAL
EAGLE PARK**
BELEN, NEW MEXICO

FLOOR PLAN

JOB No.160701vet
SHEET
A2.0
NO. 3 OF 8



1/4" = 1'-0"



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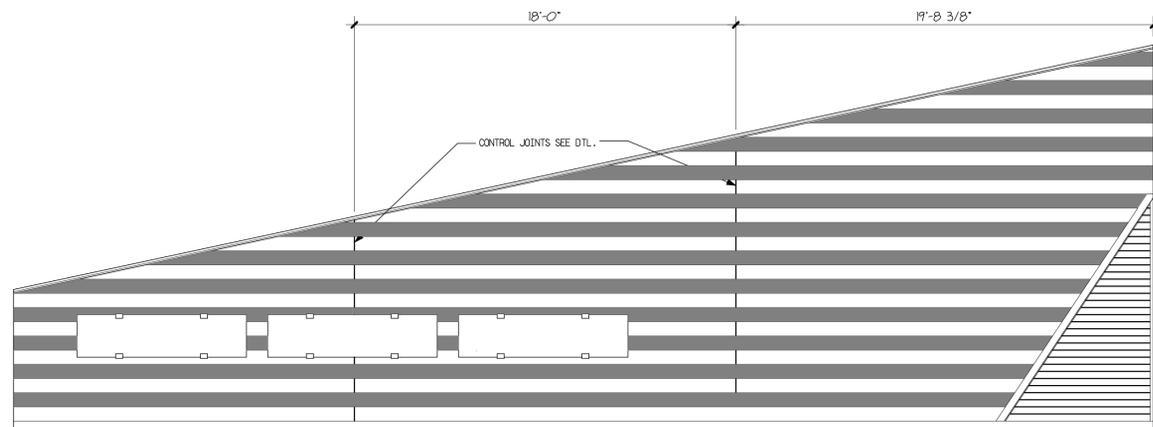
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BELEN, NEW MEXICO

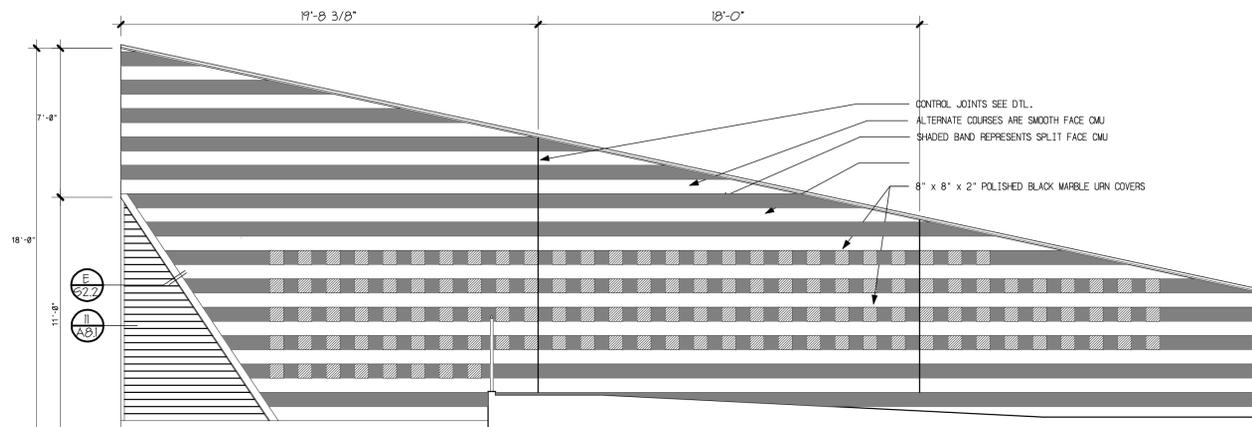
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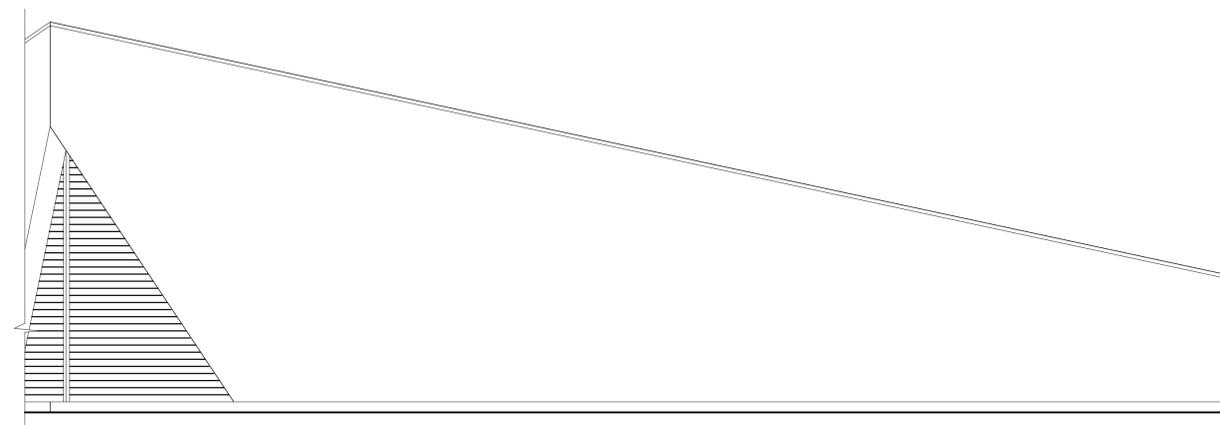
SHEET
A2.1
NO. 4 OF 8



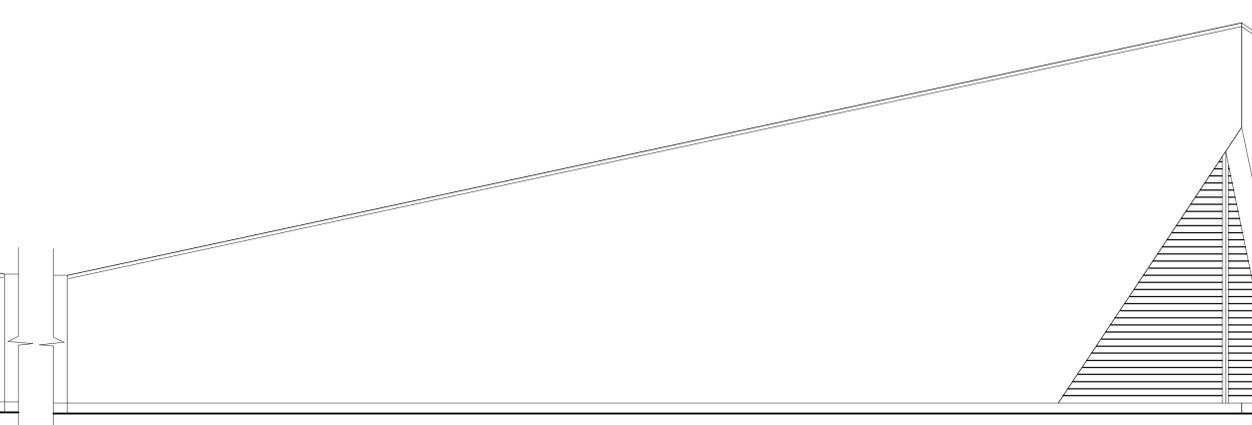
INTERIOR SOUTHWEST WALL ELEVATION



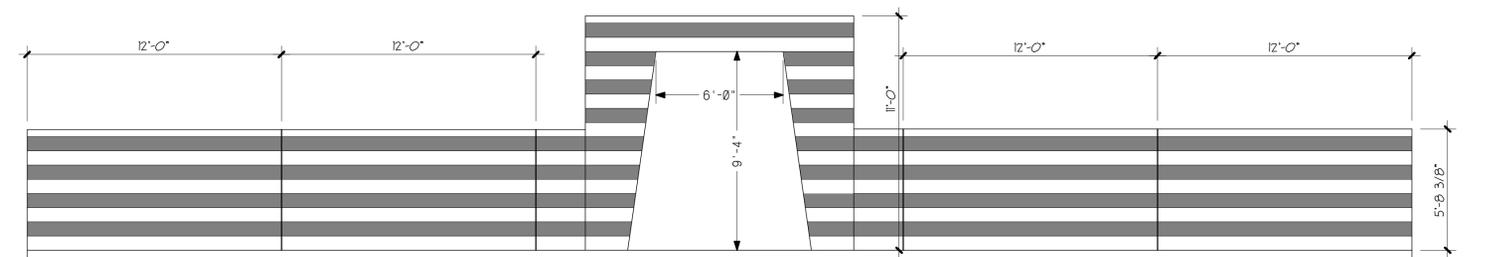
INTERIOR NORTHWEST WALL ELEVATION



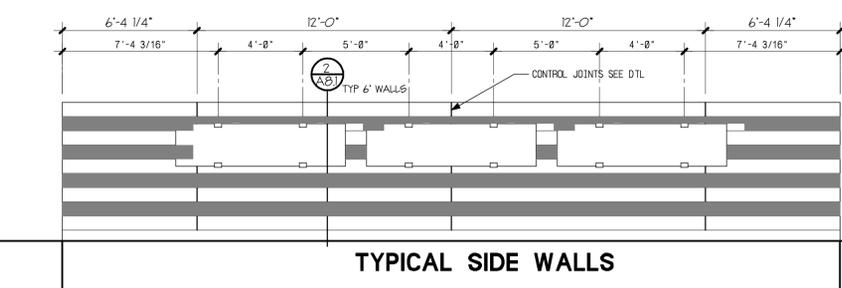
EXTERIOR SOUTHWEST WALL ELEVATION



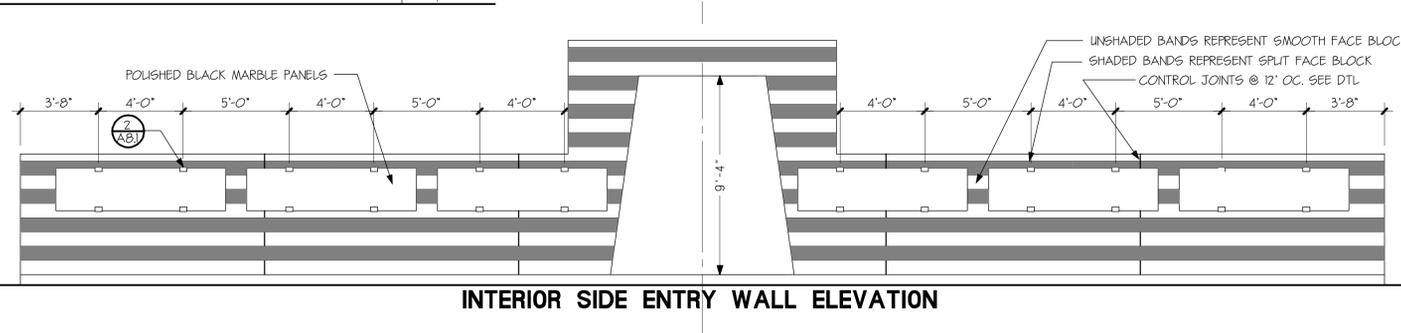
EXTERIOR NORTHWEST WALL ELEVATION



EXTERIOR SIDE ENTRY WALL ELEVATION



TYPICAL SIDE WALLS



INTERIOR SIDE ENTRY WALL ELEVATION

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

ELEVATIONS

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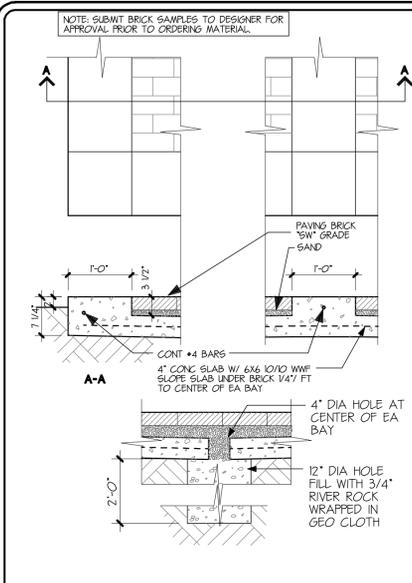
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EAGLE PARK**
BELEN, NEW MEXICO

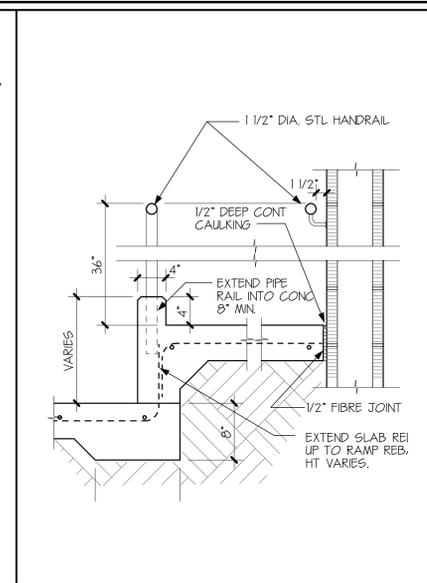
ELEVATIONS

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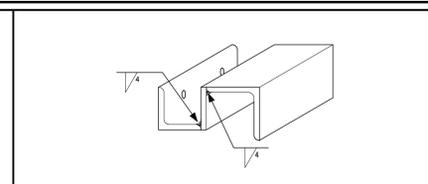
A3.1
NO. 5 OF 8



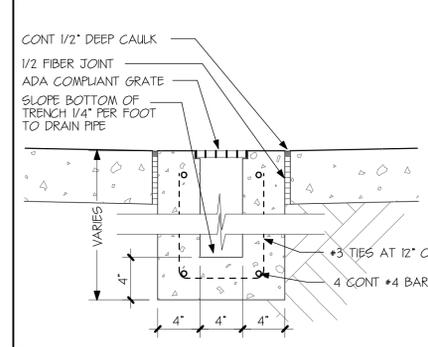
11 SCALE: 3/4" = 1'-0" CURB DTLs



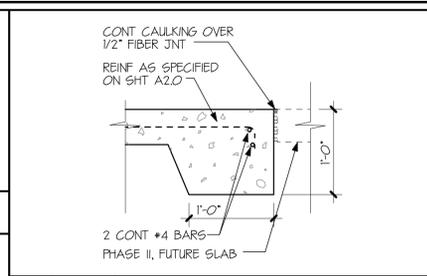
10 SCALE: 1" = 1'-0" RAMP EDGE TO SLAB DTL



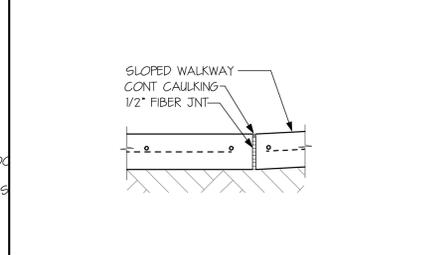
13 SCALE: 3" = 1'-0" MARBLE BRACKET DTL



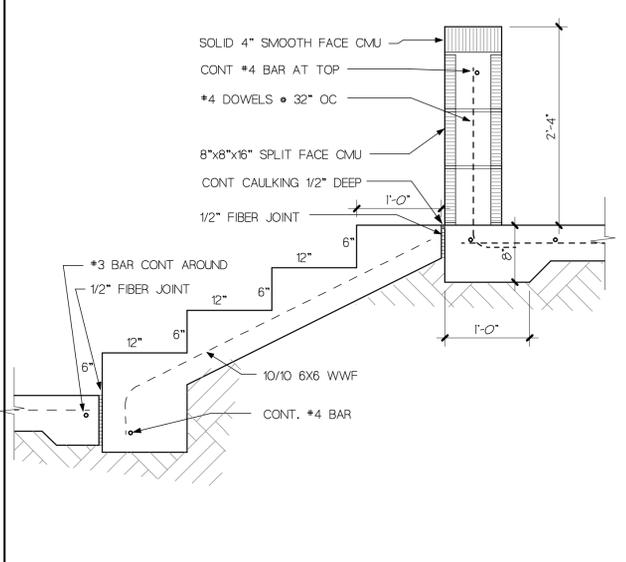
9 SCALE: 1" = 1'-0" TRENCH DRAIN DTL



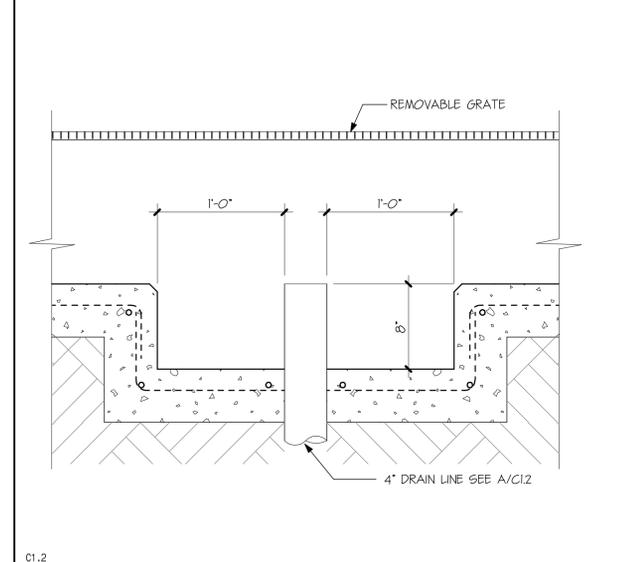
12 SCALE: 1" = 1'-0" PHASE I SLAB EDGE DTL



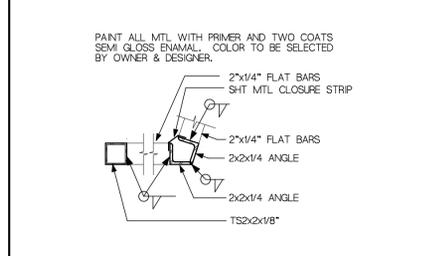
8 SCALE: 1" = 1'-0" SLOPED WALKWAY DTL



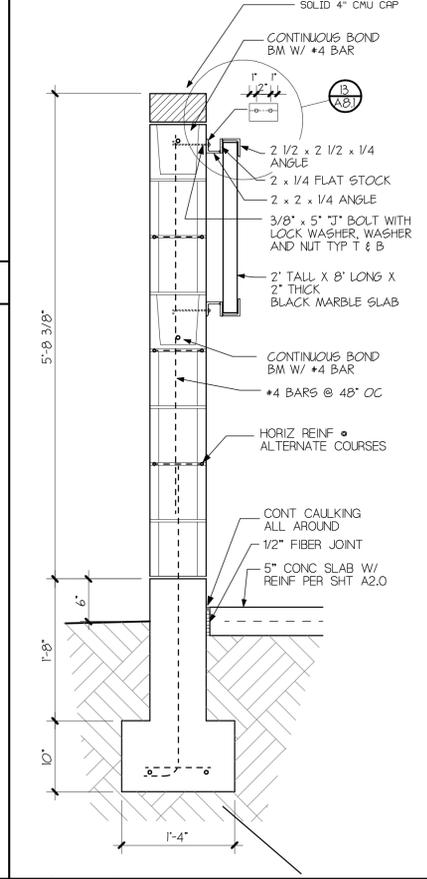
6 SCALE: 1" = 1'-0" SECTION THRU STEPS



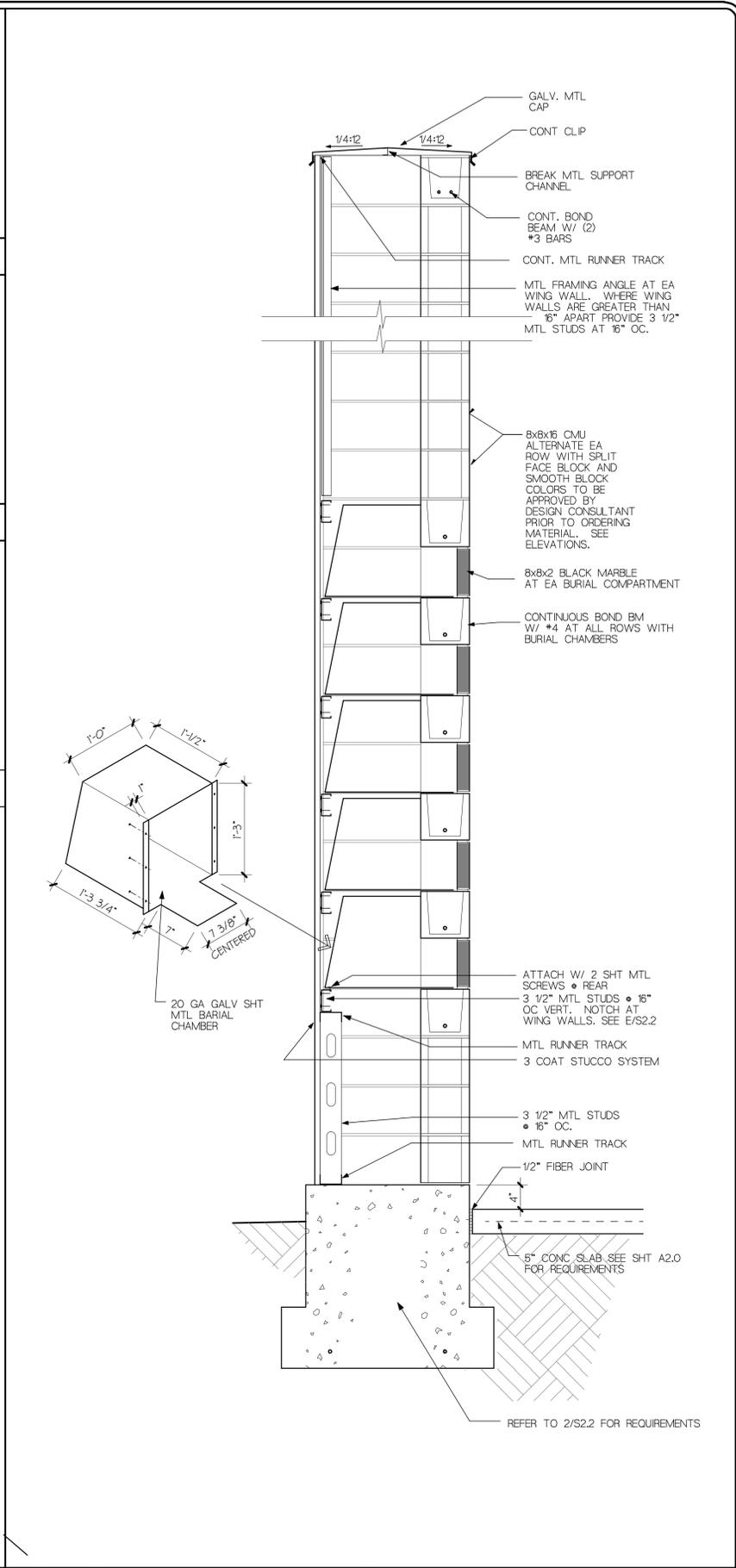
5 SCALE: 1" = 1'-0" TRENCH DRAIN CLEAN OUT DTL



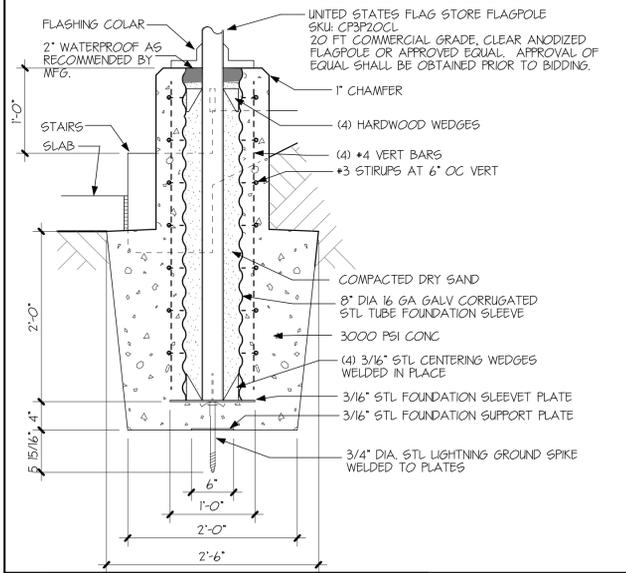
7 SCALE: 1 1/2" = 1'-0" GRILLE DTL



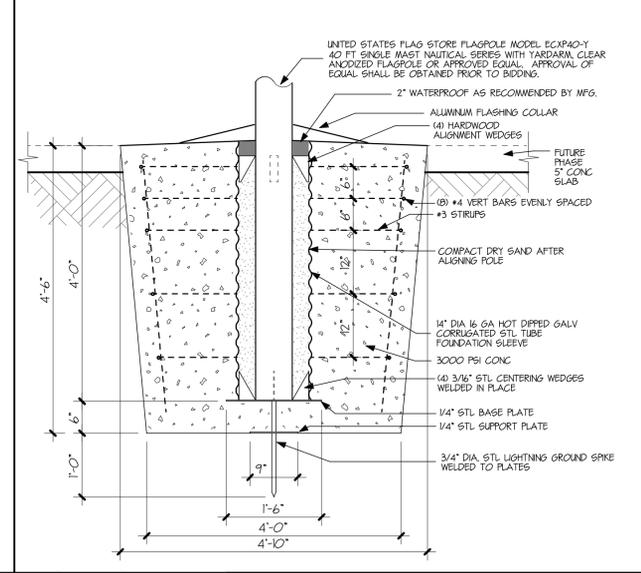
2 SCALE: 1" = 1'-0" MEMORIAL WALL SECTION



1 SCALE: 1" = 1'-0" SECTION AT BURIAL WALL



4 SCALE: 1" = 1'-0" 20FT FLAGPOLE BASE DTL



3 SCALE: 1" = 1'-0" 40FT FLAGPOLE BASE DTL

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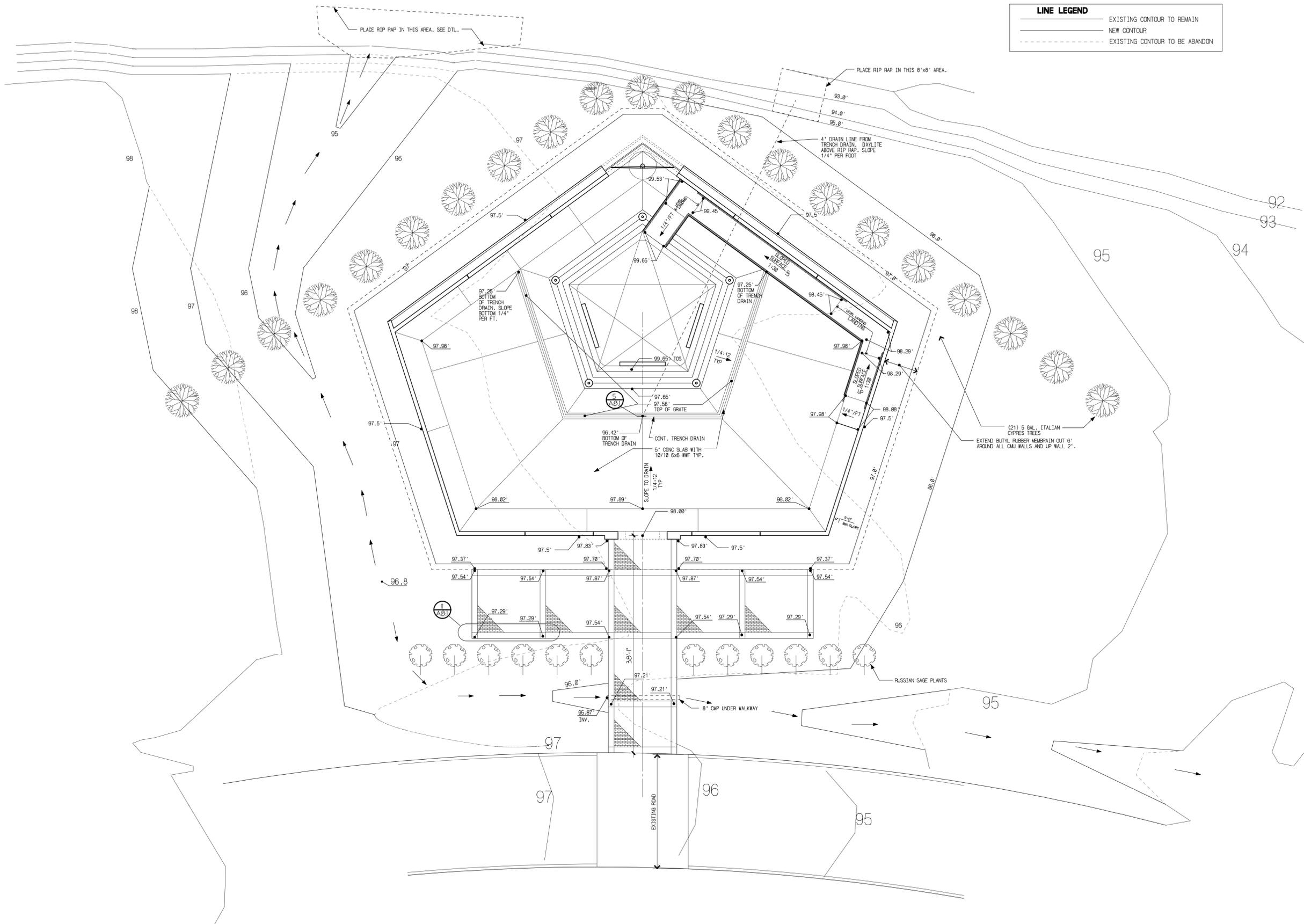
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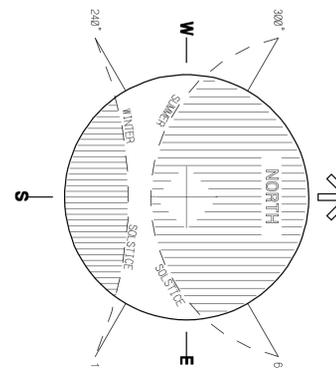
Details

JOB NO.160701vet SHEET
A8.1
NO. 6 OF 8



LINE LEGEND

	EXISTING CONTOUR TO REMAIN
	NEW CONTOUR
	EXISTING CONTOUR TO BE ABANDON



SCALE: 1/8" = 1'-0"
CONTOUR INTERVAL: 1'

DATUM FOR ELEVATIONS IS ASSUMED. CONTOUR LINES HAVE BEEN GENERATED FROM INFO PROVIDED BY OWNER. SPOT ELEVATIONS TAKE PRECEDENCE OVER CONTOUR LINES WHERE SHOWN. THIS MAP IS FOR TOPOGRAPHIC PURPOSES ONLY AND DOES NOT REPRESENT AN ACCURATE SURVEY OF PROPERTY LINES.

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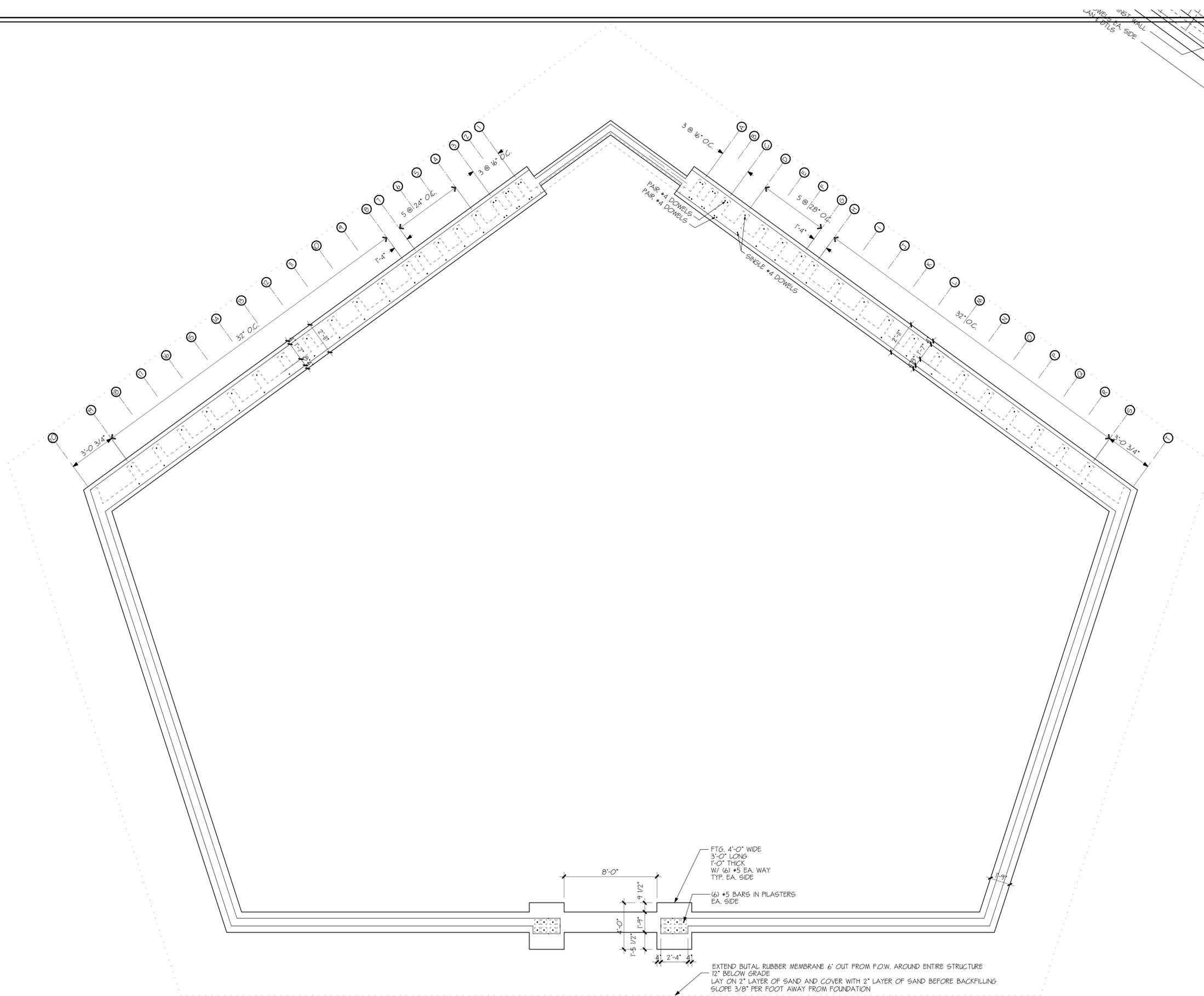
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SITE PLAN

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SHEET
C1.2
 NO. 2 OF 8



WEST WALL
 EAST SIDE
 DITLS

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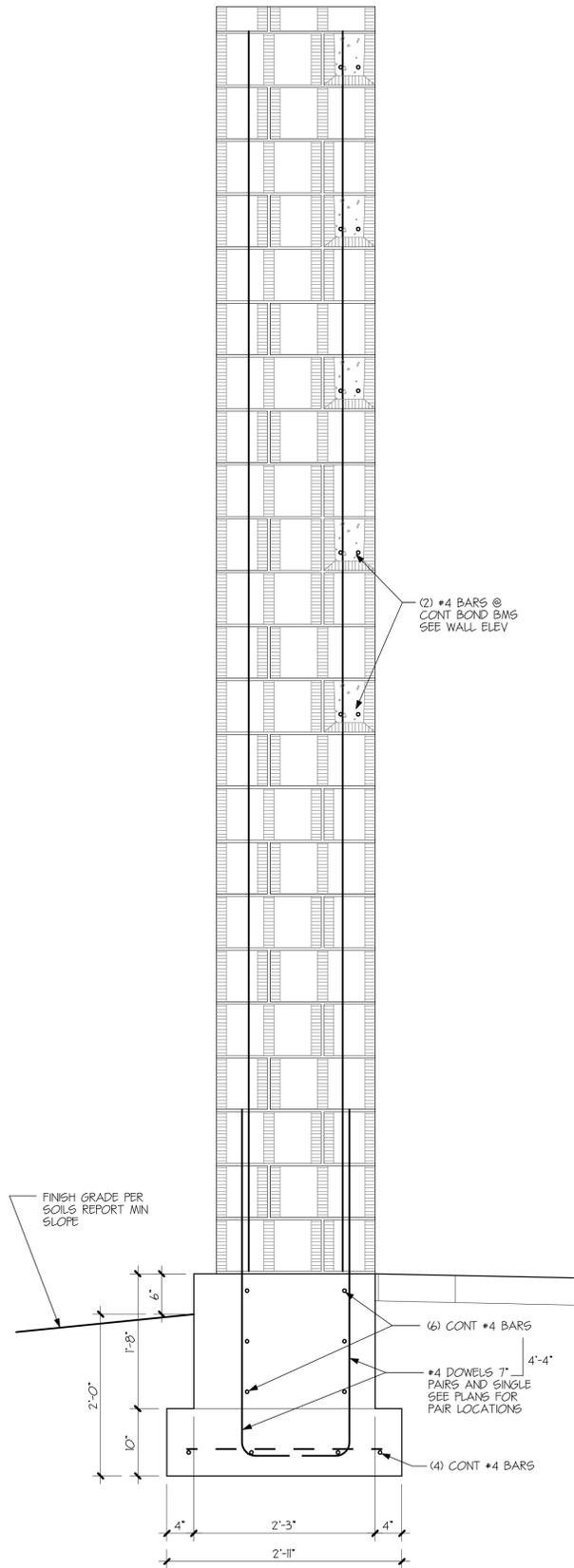
**VETERANS MEMORIAL
 EAGLE PARK**
BELEN, NEW MEXICO

**FOUNDATION
 PLAN**

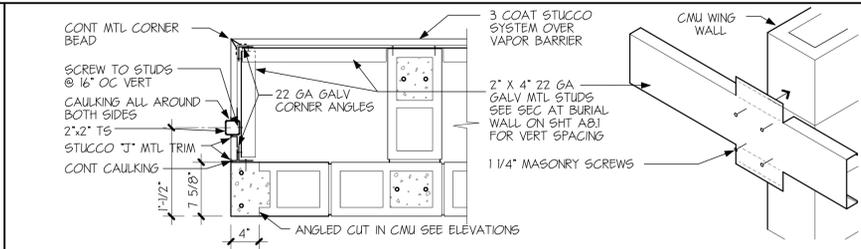
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S1.1
 NO. 7 OF 8

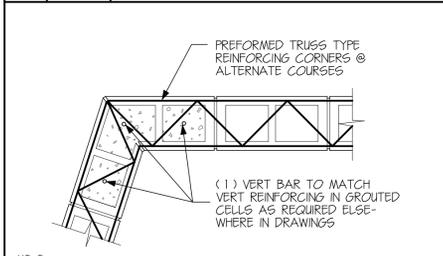
A SCALE: 1/4" = 1'-0" **FOUNDATION PLAN**



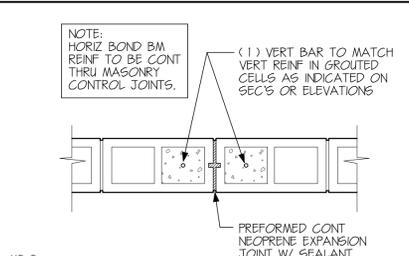
2 SCALE: 1" = 1'-0" **WALL SECTION AT TALL WALL**



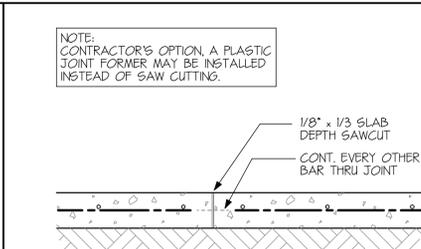
1/S2.2 SCALE: 1" = 1'-0" **MASONRY DTL @ ANGLED OPENING**



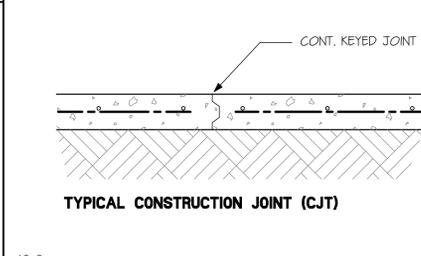
X0.0 SCALE: 1" = 1'-0" **HORIZ SEC AT CMU CORNER**



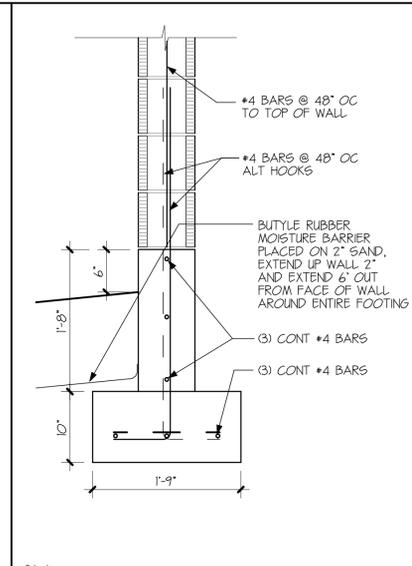
X0.0 SCALE: 1" = 1'-0" **TYP MASONRY CONTROL JOINT (MCJ)**



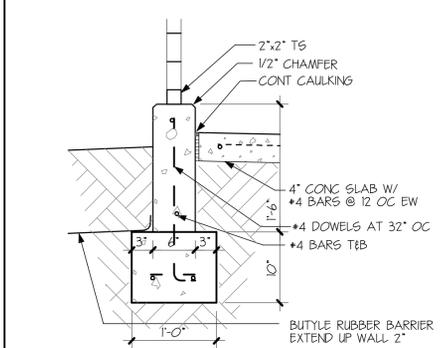
TYPICAL CONTROL JOINT (CJ)



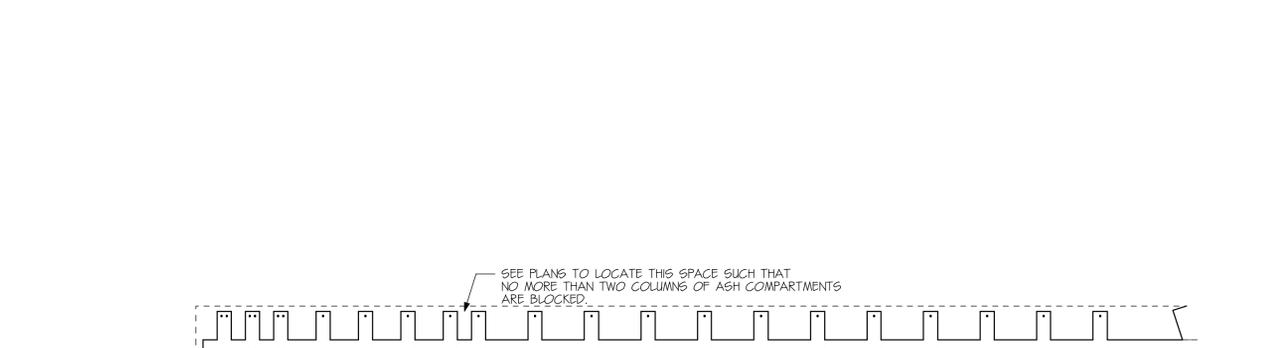
A2.0 SCALE: 1" = 1'-0" **TYP SLAB JNT DTLS**



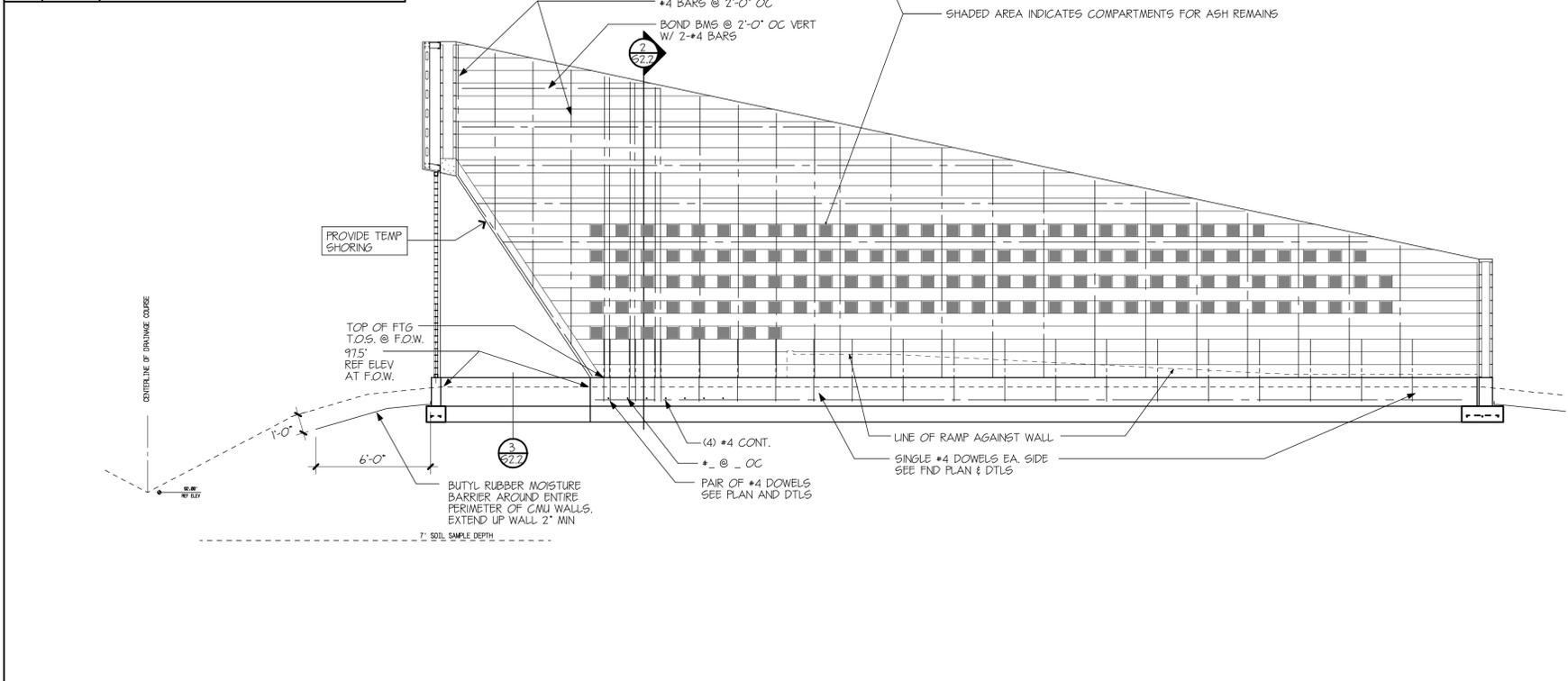
S1.1 SCALE: 1" = 1'-0" **TYP 6' WALL SECTION**



S2.2 SCALE: 1" = 1'-0" **FTG DTL AT WAL OPENING**



PLAN VIEW OF WALL



S1.2 SCALE: 1/4" = 1'-0" **WALL REINFORCING ELEVATION**

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BELEN, NEW MEXICO

**FLOOR FRAMING
DETAILS**

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S2.2
NO. 8 OF 8

**BELEN VETERANS MEMORIAL
PHASE I**

**EAGLE PARK
BELEN, NEW MEXICO**

**PROJECT MANUAL
JULY 27, 2017**

CODES AND MANUALS:

IBC-15 INTERNATIONAL BUILDING CODE 2015

ACI 530-13 BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES

ACI 530.1-13 SPECIFICATIONS FOR MASONRY STRUCTURES

DESIGN CRITERIA:

HORIZONTAL:

WIND

BASIC WIND SPEED	90 MPH
RISK CATEGORY	1I
EXPOSURE	C

SEISMIC

SEISMIC IMPORTANCE FACTOR	IS = 1.0
MAPPED SPECTRAL RESPONSE ACCELERATIONS	
SHORT PERIOD	SS=0.05G
1 SECOND PERIOD	S1=0.15G
SITE CLASS	D
SPECTRAL RESPONSE COEFFICIENTS	
SHORT PERIOD	SDS=0.46G
1 SECOND PERIOD	SD1=0.22G
SEISMIC DESIGN CATEGORY	D
DESIGN BASE SHEAR ASCE-7 12.11.1	V = 0.18W

ALLOWABLE SOIL BEARING PRESSURE = 2000 PSF

FROST DEPTH 18"

FUTURE BUILDING EXPANSION: NONE

GENERAL:

STRUCTURAL DRAWINGS ARE NOT STAND-ALONE DOCUMENTS AND ARE INTENDED TO BE USED IN CONJUNCTION WITH CIVIL, ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND DRAWINGS FROM OTHER DISCIPLINES. THE CONTRACTOR SHALL COORDINATE ALL REQUIREMENTS OF THE CONTRACT DOCUMENTS INTO THE SHOP DRAWINGS AND FIELD WORK.

COORDINATE DIMENSIONS OF ALL OPENINGS, DEPRESSIONS, BLOCKOUTS, ETC. WITH ARCHITECTURAL DRAWINGS, DRAWINGS FROM OTHER DISCIPLINES, PROJECT SHOP DRAWINGS, AND FIELD CONDITIONS PRIOR TO SHOP DRAWING SUBMITTAL THE STRUCTURAL DRAWINGS ONLY REPRESENT A PORTION OF THE REQUIREMENTS FOR THE PROJECT.

SEE ARCHITECTURAL PLANS FOR NON-BEARING PARTITION WALLS.

CONTRACTOR'S CONSTRUCTION AND/OR ERECTION SEQUENCES SHALL RECOGNIZE AND CONSIDER THE EFFECTS OF THERMAL MOVEMENTS OF STRUCTURAL ELEMENTS DURING THE CONSTRUCTION PERIOD.

THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS IN THE FIELD.

SHOP DRAWINGS SHALL BE FURNISHED AND REVIEWED BEFORE ANY FABRICATION OR ERECTION IS STARTED. THE CONTRACTOR SHALL REVIEW AND APPROVE SHOP DRAWINGS PRIOR TO SUBMITTAL TO THE ARCHITECT FOR REVIEW. POORLY EXECUTED SHOP DRAWINGS WILL BE REJECTED AND SHALL BE RESUBMITTED.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING SAFE AND ADEQUATE SHORING FOR ALL PARTS OF THE STRUCTURE DURING CONSTRUCTION.

TEMPORARY PROVISIONS SHALL BE MADE FOR STRUCTURAL STABILITY DURING CONSTRUCTION. THE STRUCTURE SHOWN ON THE DRAWINGS HAS BEEN DESIGNED FOR STABILITY UNDER FINAL CONFIGURATION.

NOTCHING OR CUTTING ANY STRUCTURAL MEMBER IN THE FIELD IS PROHIBITED.

PROTECTION: PROPER PRECAUTIONS SHALL BE TAKEN AT ALL TIMES TO PROTECT VEHICULAR AND PEDESTRIAN TRAFFIC FROM ANY DAMAGE OR INJURY WHICH MAY BE CAUSED, EITHER DIRECTLY OR INDIRECTLY, BY THE WORK INCLUDED ON THESE DRAWINGS. SUCH PRECAUTIONS SHALL INCLUDE THE ERECTION AND MAINTENANCE OF FENCES, BARRICADES, RAILINGS, GUARDS, SIGNS, COVERINGS, LIGHTS, AND OTHER PRECAUTIONS AS MAY BE REQUIRED. IF AT ANY TIME, IN THE OPINION OF THE OWNER OR THE OWNER'S REPRESENTATIVE, PROPER PRECAUTIONS ARE NOT BEING TAKEN TO SECURE THIS PROTECTION, THE CONTRACTOR SHALL AT NO ADDITIONAL COST TO THE OWNER, INSTALL AND MAINTAIN SUCH ADDITIONAL PROTECTION AS MAY BE DIRECTED BY THE OWNER.

POLLUTION CONTROLS: USE WATER SPRINKLING, TEMPORARY ENCLOSURES, AND OTHER SUITABLE METHODS TO LIMIT DUST AND DIRT RISING AND SCATTERING IN THE AIR TO LOWEST PRACTICAL LEVEL. COMPLY WITH GOVERNING REGULATIONS PERTAINING TO ENVIRONMENTAL PROTECTION.

DRAWINGS:

DO NOT SCALE DRAWINGS.

WHERE DISCREPANCIES OCCUR BETWEEN PLANS, DETAILS, GENERAL NOTES, AND SPECIFICATIONS, THE MORE STRINGENT REQUIREMENTS SHALL GOVERN. DETAILS ON DRAWINGS TAKE PRECEDENCE OVER GENERAL NOTES AND TYPICAL DETAILS. DETAILS NOTED "TYPICAL" APPLY TO ALL SIMILAR CONDITIONS. WHERE NO SPECIFIC DETAILS ARE SHOWN, CONSTRUCTION SHALL CONFORM TO SIMILAR WORK ELSEWHERE ON THE PROJECT.

CAST-IN-PLACE CONCRETE:

ALL CONCRETE SHALL CONFORM TO THE SPECIFICATIONS FOR STRUCTURAL CONCRETE, ACI 301-05.

ALL EXPOSED EDGES OF CONCRETE SHALL HAVE A 3/4" CHAMFER UNLESS NOTED OTHERWISE.

NORMALWEIGHT CONCRETE:

1. F'C = 4000 PSI @ 28 DAYS - ALL EXPOSED EXTERIOR CONCRETE FLAT WORK AND RETAINING WALLS (I.E., SLABS, RAMPS, SLABS, ETC.).
EXTERIOR CONCRETE SHALL AIR ENTRAINED.

REINFORCING STEEL:

ALL REINFORCING STEEL SHALL BE FABRICATED AND PLACED IN ACCORDANCE WITH THE BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE (ACI 318-08), AND DETAILS AND DETAILING OF CONCRETE REINFORCEMENT (ACI 315-99).

ALL REINFORCING STEEL SHALL CONFORM TO ASTM A615 GRADE 60; EXCEPT STIRRUPS, TIES AND INDICATED FIELD-BENT BARS, WHICH SHALL CONFORM TO ASTM A615 GRADE 40.

ALL WELDED WIRE FABRIC SHALL BE DEFORMED AND SHALL CONFORM TO ASTM A479. PROVIDE IN FLAT SHEETS ONLY.

TENSION AND COMPRESSION LAPS IN REINFORCING SHALL BE IN ACCORDANCE WITH ACI 318, CHAPTER

12, UNLESS NOTED OTHERWISE.

ALL HORIZONTAL REINFORCING IN FOOTINGS, WALLS AND BEAMS SHALL BE CONTINUOUS AROUND CORNERS OR HAVE BENT (CORNER) BARS OF THE SAME SIZE AND SPACING AS THE HORIZONTAL BARS AND LAP 30 BAR DIAMETERS (24" MINIMUM).

CONCRETE COVER FOR REINFORCING SHALL BE AS FOLLOWS UNLESS OTHERWISE NOTED:

- A. CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH: 3"
- B. CONCRETE CAST AGAINST FORMS BUT EXPOSED TO EARTH OR WEATHER:
 - 1. BARS LARGER THAN NO. 5: 2"
 - 2. BARS NO. 5 OR SMALLER: 1 1/2"
- C. CONCRETE NOT EXPOSED TO WEATHER OR NOT IN CONTACT WITH GROUND:
 - 1. COLUMNS, GIRDERS AND BEAMS: 1 1/2"
 - 2. STRUCTURAL SLABS, WALLS AND JOISTS (NO. 11 AND SMALLER): 3/4"
- D. SLAB ON GRADE: 1 1/2" FROM TOP OF SLAB

FORM TIES SHALL BE EITHER OF THE THREADED OR SNAP-OFF TYPE SO THAT NO METAL WILL BE LEFT WITHIN 1 INCH OF THE SURFACE OF THE WALL. FOLLOWING REMOVAL OF FORM TIES, RECESSES ARE TO BE CAREFULLY FILLED AND POINTED WITH MORTAR.

REINFORCING SHALL NOT BE TACK WELDED OR WELDED IN ANY MANNER UNLESS SPECIFICALLY DETAILED ON THE STRUCTURAL PLANS.

BAR SUPPORTS AND SPACERS FOR REINFORCING SHALL BE PROVIDED IN ACCORDANCE WITH ACI 315-99. REINFORCING SHALL BE SECURELY TIED TO SUPPORTS.

CHAIRS WITH 22 GAGE SAND PLATES OR PRECAST BLOCKS SHALL BE PROVIDED FOR ALL REINFORCING OF CONCRETE IN CONTACT WITH GRADE.

MASONRY:

ALL MASONRY UNITS SHALL COMPLY WITH ASTM C 90 WITH A COMPRESSIVE STRENGTH OF 2000 PSI (NET AREA).

F'M = 1500 PSI

MORTAR SHALL BE TYPE S.

GROUT - F'C = 2000 PSI, MINIMUM.

CELLS CONTAINING REBAR SHALL BE GROUTED SOLID FROM THE BOTTOM TO THE TOP OF THE WALL IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODE.

ALL CELLS BELOW GRADE SHALL BE GROUTED SOLID UP TO GRADE.

CELLS CONTAINING EXPANSION ANCHORS SHALL BE GROUTED SOLID.

ALL VERTICAL REBAR SHALL BE IN PLACE AND SECURED WITH REBAR POSITIONERS PRIOR TO GROUTING.

COVER FOR REINFORCING SHALL BE AS FOLLOWS UNLESS OTHERWISE NOTED:

- A. MASONRY FACE NOT EXPOSED TO EARTH OR WEATHER: 1 1/2"
- B. MASONRY FACE EXPOSED TO EARTH OR WEATHER:
 - 1. BARS LARGER THAN NO. 5: 2"
 - 2. BARS NO. 5 OR SMALLER: 1-1/2"

UNLESS OTHERWISE NOTED MASONRY CELLS SHALL BE GROUTED IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODE, MAXIMUM 5 FOOT GROUT LIFTS.

LAP REBAR 48 BAR DIAMETERS

DUE TO THE SPECIAL NATURE OF THE EXPOSED MASONRY, THE LOCATIONS OF ALL CLEANOUTS MUST HAVE THE PRIOR APPROVAL OF THE ARCHITECT.

ALL HORIZONTAL REINFORCING IN BOND BEAMS SHALL BE CONTINUOUS AROUND CORNERS OR HAVE BENT CORNER BARS OF THE SAME SIZE AND A LAP AS NOTED ABOVE. VERTICAL STEEL SHALL CONTINUE THROUGH BOND BEAMS.

PROVIDE STANDARD LADDER TYPE JOINT REINFORCING AT 16" ON CENTER, ALTERNATE COURSES, UNLESS NOTED OTHERWISE. USE PREFABRICATED CORNERS AND TEES AT ALL WALL CORNERS AND INTERSECTIONS RESPECTIVELY.

SEE ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR INFORMATION REGARDING MASONRY COLORS, FINISHES, BOND, ETC. AT ALL EXPOSED MASONRY WALLS.

ALL MASONRY WALL CONFIGURATIONS INCLUDING WALL OPENINGS SHALL BE COORDINATED WITH CIVIL, MECHANICAL, PLUMBING, ELECTRICAL AND DRAWINGS FROM ALL OTHER DISCIPLINES.

EXPOSED MASONRY SITE WALLS AND RETAINING WALLS GREATER THAN 16 FEET IN LENGTH SHALL HAVE MASONRY CONTROL JOINTS INSTALLED AT THE FOLLOWING MINIMUM SPACING OR AS SHOWN ON PLANS.

12'-0" ON CENTER FOR WALLS 6'-0" MAXIMUM HEIGHT

18'-0" ON CENTER FOR WALLS 10'-0" MAXIMUM HEIGHT

20'-0" ON CENTER FOR WALLS GREATER THAN 10'-0" IN HEIGHT

SPECIAL INSPECTION:

THE OWNER SHALL PROVIDE FOR SERVICES OF A CERTIFIED INSPECTOR (APPROVED BY THE BUILDING OFFICIAL OR THE ENGINEER OF RECORD) IN ACCORDANCE WITH CHAPTER 17 OF THE INTERNATIONAL BUILDING CODE FOR SPECIAL INSPECTION ITEMS.

FOUNDATION NOTES

GENERAL:

A SUBSURFACE SOIL INVESTIGATION HAS BEEN MADE BY GEO-TEST, PROJECT NO. -70306.

A REPORT OF THAT INVESTIGATION DATED APRIL 27, 2017, IS AVAILABLE FOR VIEWING AT THE OFFICE OF THE ARCHITECT.

THE FOUNDATION SYSTEM FOR THIS PROJECT IS SPREAD FOOTINGS OVER COMPACTED NATIVE MATERIAL.S.

ADDITIONAL INFORMATION CONCERNING SPECIFIC SOIL CONDITIONS TO BE ENCOUNTERED IS AVAILABLE IN THE SOILS REPORTS AND SHALL BE REVIEWED BY THE CONTRACTOR.

FIELD OBSERVATION AND TESTS:

THE OWNER SHALL EMPLOY THE SERVICES OF A REGISTERED, LICENSED GEOTECHNICAL ENGINEER TO OBSERVE ALL CONTROLLED EARTHWORK. THE GEOTECHNICAL ENGINEER SHALL PROVIDE CONTINUOUS ON-SITE OBSERVATION BY EXPERIENCED PERSONNEL DURING CONSTRUCTION OF CONTROLLED EARTHWORK. THE CONTRACTOR SHALL NOTIFY THE GEOTECHNICAL ENGINEER AT LEAST TWO WORKING DAYS IN ADVANCE OF ANY FIELD OPERATIONS OF THE CONTROLLED EARTHWORK.

TESTS OF MATERIALS SHALL BE MADE AT THE FOLLOWING MINIMUM RATES. THE ON-SITE GEOTECHNICAL ENGINEER SHALL DETERMINE THE ACTUAL TESTING RATES:

ONE FIELD DENSITY TEST PER 2500 SQUARE FEET OF COMPACTED SUBGRADE, PRIOR TO PLACING STRUCTURAL FILL OR SLAB-ON-GRADE, WITH A MINIMUM OF 3 TESTS.

ONE FIELD DENSITY TEST PER 2500 SQUARE FEET OF STRUCTURAL FILL PLACED OR EACH HORIZONTAL LAYER OF STRUCTURAL FILL, WHICHEVER IS GREATER.

ONE MOISTURE-DENSITY CURVE FOR EACH TYPE OF MATERIAL USED, AS INDICATED BY THE SIEVE ANALYSIS AND THE PLASTICITY INDEX.

THE GEOTECHNICAL ENGINEER SHALL SUBMIT THE RESULTS OF ALL REQUIRED TESTS.

CLEARING AND GRUBBING:

REMOVE ALL BRUSH, RUBBISH, GRASS, AND GRASS ROOTS FROM THE CONSTRUCTION AREA.

REMOVE STUMPS, MATTED ROOTS AND ROOTS LARGER THAN 2 INCHES IN DIAMETER WITHIN 6 INCHES OF THE SURFACE OF AREAS ON WHICH FILL AND/OR FOOTINGS ARE TO BE CONSTRUCTED.

REMOVE ALL TOPSOIL FROM THE CONSTRUCTION AREA. THIS MATERIAL SHALL NOT BE USED AS FILL MATERIAL, BUT MAY BE STOCKPILED AND LATER USED IN THE TOP 6 INCHES OF FILL OUTSIDE THE PROJECT PERIMETER.

SITE, SUBFLOOR AND BEARING SURFACE PREPARATION:

A REPRESENTATIVE OF THE GEOTECHNICAL ENGINEER SHALL BE PRESENT TO CONFIRM COMPLETE EXCAVATION OF ANY UNCONTROLLED FILL.

SCARIFY ALL EXPOSED SUBGRADE SOILS TO A DEPTH OF 8 INCHES, MOISTEN TO OPTIMUM MOISTURE CONTENT +/- 2% TO THE MAXIMUM DEPTH POSSIBLE AND COMPACT TO 95% OF MAXIMUM DRY DENSITY IN ACCORDANCE WITH ASTM D-1557.

PLACE ALL STRUCTURAL FILL IN APPROXIMATELY HORIZONTAL LAYERS NOT GREATER THAN 8 INCHES IN LOOSE THICKNESS, MOISTEN TO OPTIMUM MOISTURE CONTENT +/- 2% AND COMPACT TO 95% OF MAXIMUM DRY DENSITY.

STRUCTURAL FILL REQUIREMENTS:

GRADATION (ASTM D422):

<u>SIEVE SIZE</u>	<u>PERCENT PASSING BY WEIGHT</u>
3"	100
NO. 4	60-100
NO. 200	10-35

PLASTICITY INDEX (ASTM D4318): 15 MAXIMUM

NO BRUSH, SOD, FROZEN MATERIAL OR OTHER UNSUITABLE MATERIAL SHALL BE PLACED IN THE STRUCTURAL FILL. MATERIAL SHALL BE PLACED IN SUCH A MANNER AS TO RESULT IN A UNIFORMLY COMPACTED FILL.

IMPORTED FILL OR EXISTING SOILS MAY BE USED FOR THE STRUCTURAL FILL. HOWEVER, IN ORDER TO MEET THE ABOVE CRITERIA, THE ON SITE SOILS MAY REQUIRE SOME BLENDING. IT IS THE CONTRACTORS RESPONSIBILITY TO DETERMINE THE MOST APPROPRIATE METHOD TO PROVIDE THE REQUIRED STRUCTURAL FILL.

GRANULAR BASE COURSE REQUIREMENTS:

GRADATION (ASTM C136):

<u>SIEVE SIZE</u>	<u>PERCENT PASSING BY WEIGHT</u>
1"	100
3/4"	85-100
NO. 4	45-95
NO. 200	0-8

PLASTICITY INDEX (ASTM D4318): 3 MAXIMUM

THE COURSE AGGREGATE SHALL HAVE A PERCENT WEAR OF 50 OR LESS WHEN TESTED IN ACCORDANCE WITH ASTM C131.

COMPACTION REQUIREMENTS:

IN ACCORDANCE WITH ASTM D1557, SUBGRADE SOILS AND STRUCTURAL FILL MATERIALS SHALL BE COMPACTED TO THE FOLLOWING PERCENTAGES OF THE MAXIMUM DRY DENSITY AT +/- 2% OPTIMUM MOISTURE CONTENT:

<u>MATERIAL</u>	<u>MINIMUM PERCENT COMPACTION</u>
STRUCTURAL FILL IN THE BUILDING AREA	95
SUBBASE FOR SLAB SUPPORT	95
SUBGRADE BELOW STRUCTURAL FILL	95
MISCELLANEOUS BACKFILL	90