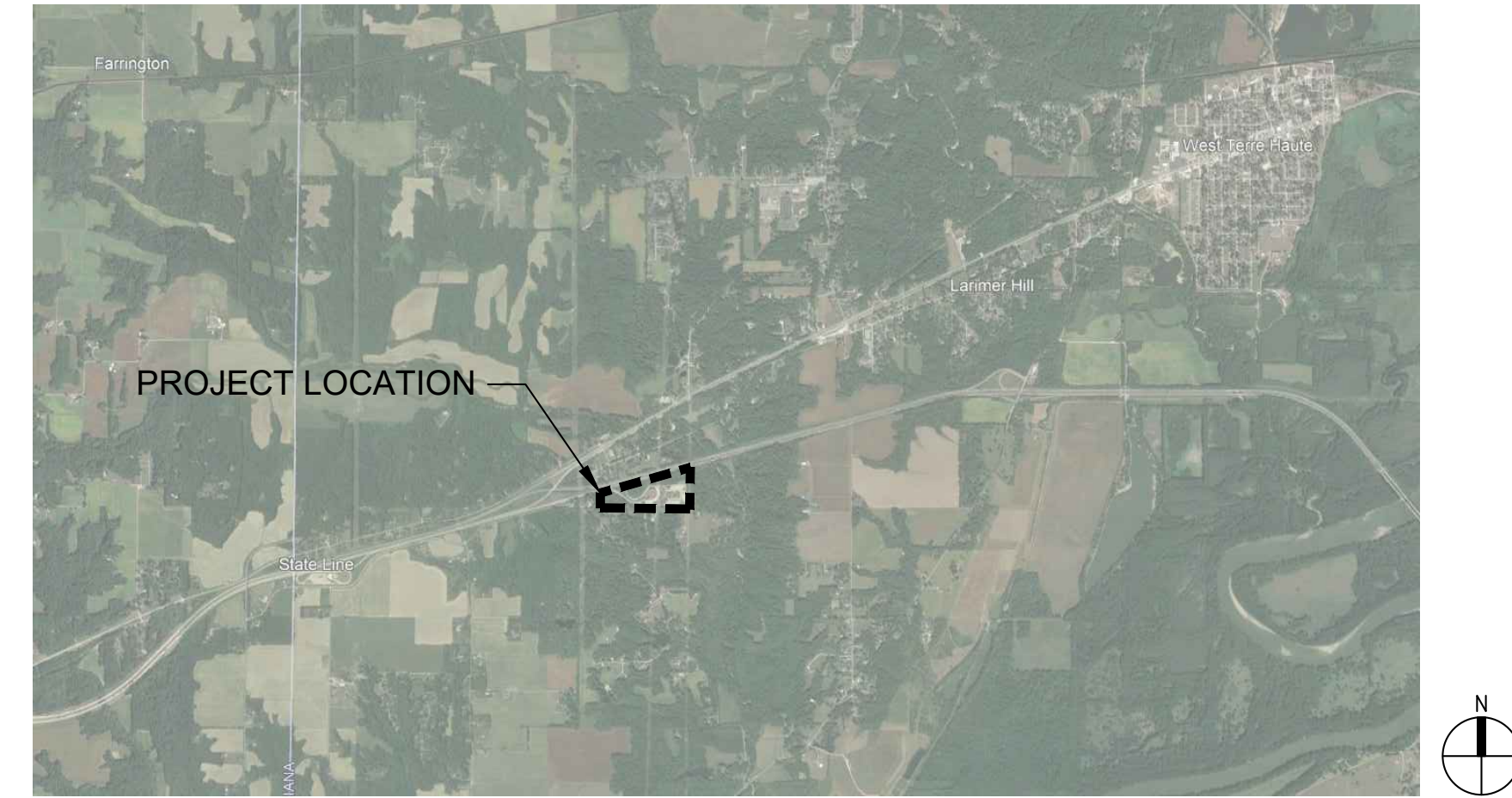


CLEAR CREEK WELCOME CENTER INDIANA DEPARTMENT OF TRANSPORTATION

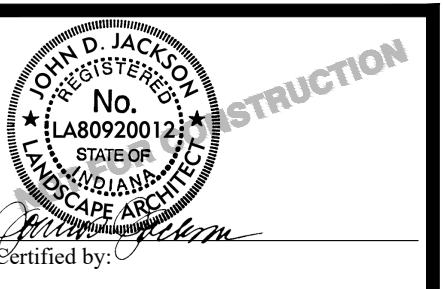
DRAWING SET #4 - RATIO DESIGN - LANDSCAPE ARCHITECTURE PLANS BID SET

PROJECT LOCATION MAP

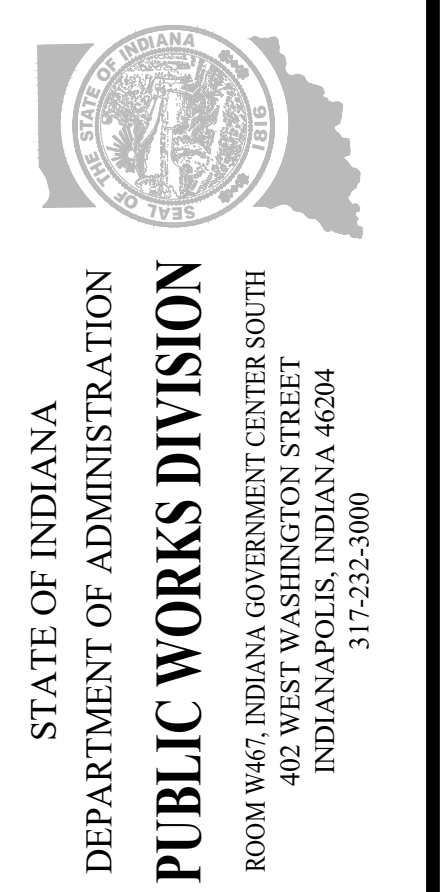


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PUBLIC WORKS PROJECT NO. 84003001-22-058-C1
REST AREA
INDIANA



Revisions:	
Project Number:	84003001-22-058-C1
Requisition Number:	REST AREA
Account Number:	-
Designer:	RATIO
Drawing Date:	2023/02/23
Drafter:	-
Drawing Scale:	-
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Client Approval:	-
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Building Reference:	-
Sheet Name:	COVER SHEET
Drawing Number:	G-001

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ABBREVIATIONS:

Table with 2 columns: Abbreviation and Description. Includes A/C, ADA, ADAAG, ADJ., A/E, A.F.F., ALT., ALUM., A.P., ARCH., A.V.

Table with 2 columns: Abbreviation and Description. Includes B&B, BD., BITUM., BL., BLDG., B/O., B.O.C., B.O.W., B.SMT.

Table with 2 columns: Abbreviation and Description. Includes CAB, C.B., C.F.C.I., C.F.O.I., C.I.P., C.J., CL., CLG., CM., CMU., C.O., COLLIM., CONC., CONST., CONT., CONTR., COOR., C.M.P., C.W.

Table with 2 columns: Abbreviation and Description. Includes DEPT., DET., D.F., DIA., DIM., D.I.P., DN., DS., DWG., EA., E.C., E.J., ELEC., ELEV., ENGR., E.O.P., E.P., EQ., ESMT., EQUIP., EXIST., EXP., EXT., FAB., F.E., F.F.E., F.F.&E., FIN.

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Table with 2 columns: Abbreviation and Description. Includes FAB., F.E., F.F.E., F.F.&E., FIN.

Table with 2 columns: Abbreviation and Description. Includes FLOOR, FLUOR., FACE/OF, FINISH OPENING, FACE OF BLOCK, FACE OF BRICK, FACE OF CONCRETE, FACE OF FINISH, FEET/FOOT, FIELD VERIFY, GAUGE, GENERAL CONTRACTOR, GENERAL GLASS, HEIGHT, HOSE BIBB, HIGH-DENSITY POLYETHYLENE, HARDWARE, HOLLOW METAL, HORIZONTAL, HEATING, VENTILATION & AIR CONDITIONING, HOT WATER, INSIDE DIAMETER, INFORMATION, IRRIGATION, INSULATION, INTERIOR, JOINT, LENGHT, POUND(S), LEFT HAND, MAXIMUM, MECHANICAL CONTRACTOR, MEET EXISTING, MEET EXISTING GRADE, MECH., MECHANICAL/ELECTRICAL/PLUMBING, MANUFACTURER/MANUFACTURING, MAN-HOLE, MINIMUM, MISCELLANEOUS, MASONRY OPENING, METAL, NOT IN CONTRACT NUMBER, NOT TO SCALE, OVERALL, ON CENTER, OUTSIDE DIAMETER, OWNER FURNISHED - CONTRACTOR INSTALLED, OWNER FURNISHED - OWNER INSTALLED, OPPOSITE HAND, OPENING, OPPOSITE, PARKING, PROPERTY LINE, PAIR, PREFABRICATED

Table with 2 columns: Abbreviation and Description. Includes GAUGE, GENERAL CONTRACTOR, GENERAL GLASS, HEIGHT, HOSE BIBB, HIGH-DENSITY POLYETHYLENE, HARDWARE, HOLLOW METAL, HORIZONTAL, HEATING, VENTILATION & AIR CONDITIONING, HOT WATER, INSIDE DIAMETER, INFORMATION, IRRIGATION, INSULATION, INTERIOR, JOINT, LENGHT, POUND(S), LEFT HAND, MAXIMUM, MECHANICAL CONTRACTOR, MEET EXISTING, MEET EXISTING GRADE, MECH., MECHANICAL/ELECTRICAL/PLUMBING, MANUFACTURER/MANUFACTURING, MAN-HOLE, MINIMUM, MISCELLANEOUS, MASONRY OPENING, METAL, NOT IN CONTRACT NUMBER, NOT TO SCALE, OVERALL, ON CENTER, OUTSIDE DIAMETER, OWNER FURNISHED - CONTRACTOR INSTALLED, OWNER FURNISHED - OWNER INSTALLED, OPPOSITE HAND, OPENING, OPPOSITE, PARKING, PROPERTY LINE, PAIR, PREFABRICATED

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Table with 2 columns: Abbreviation and Description. Includes RADIUS, REINFORCED CONCRETE PIPE, ROOF DRAIN, REFERENCE, REINFORCED, RIGHT HAND, TOP OF CASTING ELEVATION, ROOM, ROUGH OPENING, SANITARY, SCHEDULE, SECTION, SQUARE FEET/FOOT, SHEET, SIMILAR, SPECIFICATION, SQUARE, STAINLESS STEEL, STANDARD, STEEL, STORAGE, STRUCTURAL, SYMMETRICAL, SEWER, THICKNESS, TO BE DETERMINED, TOP AND BOTTOM, TOP OF CURB, TOP OF DECK(ING), TECHNICAL, TELEPHONE, TEMPORARY, TONGUE & GROOVE, TOP OF MASONRY, TOP OF, TOP OF PAVING, TOP OF STAIR, TOP OF WALL, TYPICAL, UNLESS NOTED OTHERWISE UTILITY, VITRIFIED CLAY PIPE, VERTICAL, VESTIBULE, VERIFY IN FIELD, WIDEWIDTH, WITH, WOOD, WITHOUT, WEIGHT, WELDED WIRE FABRIC

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Table with 2 columns: Abbreviation and Description. Includes WIDEWIDTH, WITH, WOOD, WITHOUT, WEIGHT, WELDED WIRE FABRIC, AND ANGLE, AT CENTER LINE, DEGREES, DIAMETER NUMBER, PLUS OR MINUS (APPROXIMATE), PROPERTY LINE, NORTH ARROW - TRUE NORTH UNLESS NOTED OTHERWISE, REVISION REFERENCE, REFERENCE NOTE, SPOT ELEVATION REFERENCE - EXISTING, SPOT ELEVATION REFERENCE - PROPOSED (FOR CURB TOP/BOTTOM), SPOT ELEVATION REFERENCE - PROPOSED

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MATERIAL LEGEND:

Table with 2 columns: SYMBOL and DESCRIPTION. Lists materials like CONCRETE, EARTHWORK, HORTICULTURE, MASONRY, PAVING, SURFACING, WOOD.

GRAPHIC SYMBOLS LEGEND:

Table with 2 columns: SYMBOL and DESCRIPTION. Includes DETAIL REFERENCE SYMBOLS, LAYOUT AND DIMENSIONING SYMBOLS, GENERAL SYMBOLS, LINEAR SYMBOLS.

GENERAL LANDSCAPE ARCHITECTURAL NOTES:

- 1. THESE GENERAL NOTES APPLY TO LANDSCAPE ARCHITECTURAL DRAWINGS (L-SERIES).
2. COORDINATE ALL WORK WITH OTHER DESIGN DISCIPLINES.
3. REFER TO LEGENDS ON L-002 FOR ALL TYPICAL LANDSCAPE ARCHITECTURE-RELATED GRAPHIC SYMBOLS, MATERIALS AND ABBREVIATIONS.
4. MATCH GRAPHIC REPRESENTATION SHOWN ON THE DRAWINGS UNLESS NOTED/DIMENSIONED OTHERWISE.
5. WORK SHOWN ON THE DRAWINGS SHALL BE BASE BID UNLESS SPECIFICALLY NOTED TO BE BY ALTERNATE BID.
6. PARTICIPATE IN ALL INDICATED PRE-INSTALLATION CONFERENCES, ACCORDING TO THE PROJECT SPECIFICATIONS, PRIOR TO COMMENCEMENT OF EACH RESPECTIVE SCOPE-OF-WORK.
7. MAINTENANCE OF TRAFFIC: PROVIDE TEMPORARY TRAFFIC CONTROL, SIGNAGE, BARRICADES, BARRIERS, ETC., TO COMPLY WITH ALL APPLICABLE LOCAL STANDARDS.
8. SITE SURVEY AND EXISTING CONDITIONS:
8.1. SITE SURVEY INFORMATION IS PROVIDED BY OWNER FOR REFERENCE ONLY AND WAS NOT PREPARED BY THE LANDSCAPE ARCHITECT.
8.2. EXISTING UNDERGROUND UTILITIES ARE SHOWN IN APPROXIMATE LOCATIONS BASED UPON INFORMATION AVAILABLE AT THE TIME OF SURVEY FIELD WORK.
8.3. PROTECT EXISTING SURFACES TO REMAIN THAT ARE NOT INCLUDED IN SCOPE-OF-WORK BUT THAT ARE WITHIN AREAS OF CONSTRUCTION ACTIVITY.
8.4. PROTECT VALVES, MANHOLES, UTILITY BOXES AND SIMILAR STRUCTURES NOT DESIGNATED FOR REMOVAL, AND ADJUST TO NEW FINISH ELEVATIONS CONSISTENT WITH PROPOSED GRADING WHETHER OR NOT NEW RIM ELEVATIONS ARE INDICATED.
8.5. DO NOT INTERRUPT EXISTING UTILITIES SERVING FACILITIES OCCUPIED OR USED BY OWNER OR OTHERS WITHOUT PRIOR APPROVAL FROM OWNER.
8.6. PATCH, REPAIR AND RESTORE EXISTING FINISHES, SURFACES, PAVEMENT, CURBS AND IMPROVEMENTS DAMAGED OR DISTURBED BY CONSTRUCTION TO 'AS NEW CONDITION' AFTER WORK IS COMPLETE, AND AS REQUIRED TO MATCH SURROUNDING MATERIALS OR TO PROVIDE APPROPRIATE SUBSTRATE PRIOR TO INSTALLING NEW FINISHES.
8.7. IRRIGATION SYSTEMS: CONTRACTOR IS RESPONSIBLE FOR REPAIR OR REPLACEMENT OF IRRIGATION LINES, BOXES AND EQUIPMENT DAMAGED OR DEMOLISHED DURING CONSTRUCTION.
8.8. IF EXISTING ACTIVE FIELD DRAINAGE SYSTEMS ARE ENCOUNTERED DURING CONSTRUCTION, NOTIFY LANDSCAPE ARCHITECT IMMEDIATELY.
8.9. REPAIR EXISTING LAWN AND PLANTING AREAS THAT ARE TO REMAIN BUT ARE DISTURBED BY CONSTRUCTION TO ORIGINAL OR BETTER CONDITIONS AFTER WORK IS COMPLETED.
8.10. ALL DISTURBED AREAS SHALL BE SEEDED UNLESS OTHERWISE NOTED AS SOD OR PLANTING AREA.
9. SITE PREPARATION:
9.1. CONTRACTOR IS RESPONSIBLE FOR COSTS ASSOCIATED WITH DISCONNECTING, REMOVING OR RELOCATING EXISTING UTILITIES, CONNECTING TO EXISTING UTILITIES AND COORDINATION AND INSTALLATION ASSOCIATED WITH NEW UTILITIES.
9.2. REMOVE EXISTING STRUCTURES, IMPROVEMENTS, TREES, PLANTING MATERIAL, FENCING, ETC. WITHIN WORK LIMITS ACCORDING TO THE SITE REMOVAL DOCUMENT(S) AND PROPERLY DISPOSE OFF SITE, UNLESS DIRECTED OTHERWISE.
9.3. PEDESTRIAN TRAFFIC IS ALLOWED IN THROUGH TREE PROTECTION ZONES. CONSTRUCTION TRAFFIC, MATERIAL STORAGE AND PARKING ARE EXPRESSLY FORBIDDEN IN TREE PROTECTION ZONES.
10. SITE LAYOUT:
10.1. DO NOT SCALE DRAWINGS FOR FIELD LAYOUT.
10.2. THE LANDSCAPE ARCHITECT'S ELECTRONIC DESIGN DATA FILE(S) MAY BE MADE AVAILABLE TO THE SUCCESSFUL BIDDER(S) FOR LAYOUT PURPOSES UPON REQUEST AND RECEIPT OF A SIGNED 'WAIVER OF CLAIMS FOR USE OF ELECTRONIC DATA' FORM.
10.3. ALL DIMENSIONS ARE PARALLEL OR PERPENDICULAR TO SURVEY BASE LINES, PROPERTY LINES OR BUILDING LINES UNLESS NOTED OTHERWISE.
10.4. CONTRACTOR SHALL VERIFY ALL VERTICAL AND HORIZONTAL DIMENSIONS AND FIELD CONDITIONS PRIOR TO STARTING WORK.
10.5. ALL RADII ARE TO EDGE-OF-PAVEMENT OR FACE-OF-CURB UNLESS NOTED OTHERWISE.
11. GRADING AND DRAINAGE: PROVIDE POSITIVE SURFACE DRAINAGE ON ALL SURFACES, WITHOUT PONDING, DURING CONSTRUCTION AND FOLLOWING COMPLETION.
12. EXCAVATION:
12.1. TAKE PARTICULAR CARE WHEN EXCAVATING NEAR AND AROUND EXISTING UTILITY LINES AND EQUIPMENT SO AS NOT TO CAUSE DAMAGE.
12.2. TAKE PARTICULAR CARE WHEN EXCAVATING AROUND EXISTING TREES AND PLANTING MATERIALS SO AS NOT TO DISTURB OR DAMAGE EXISTING ROOT SYSTEMS.

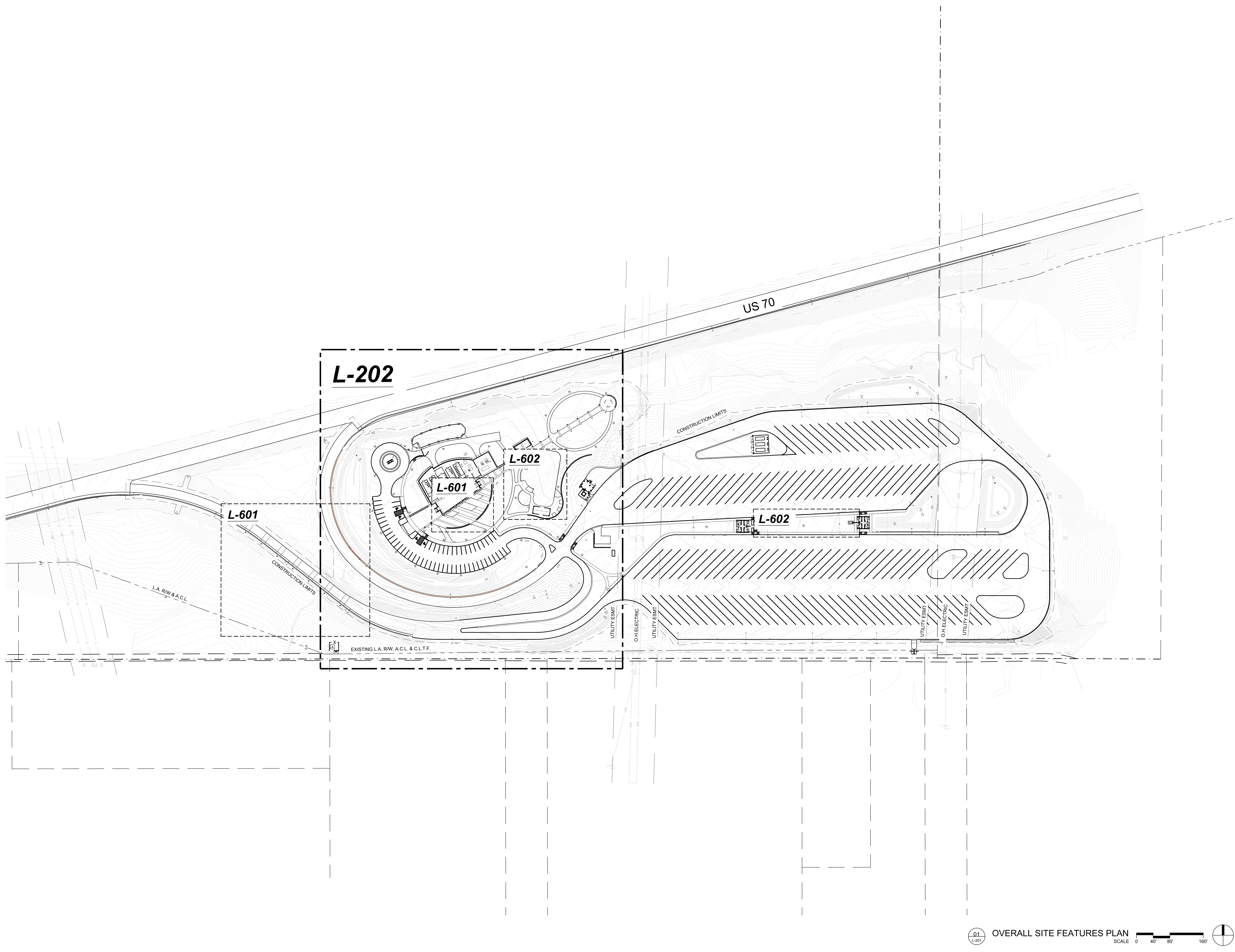
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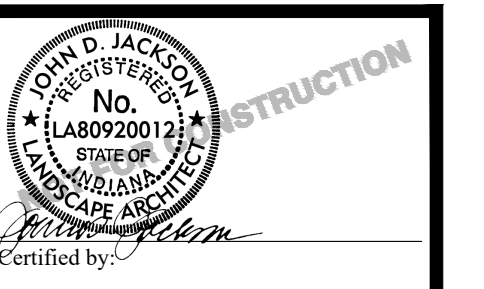
PUBLIC WORKS PROJECT NO. 84003001-22-058-C1 REST AREA INDIANA

STATE OF INDIANA DEPARTMENT OF ADMINISTRATION PUBLIC WORKS DIVISION

Project Information: Project Number: 84003001-22-058-C1, Requisition Number: REST AREA, Account Number: , Designer: RATIO, Drawing Date: 2023/02/23, Draftsman: , Drawing Scale: , DAPW Approval: , Client Approval: , Reference Number: 1364, Building Reference: , Sheet Name: GENERAL NOTES, Drawing Number: G-002



Last Saved By: janssen.primatz/2/23
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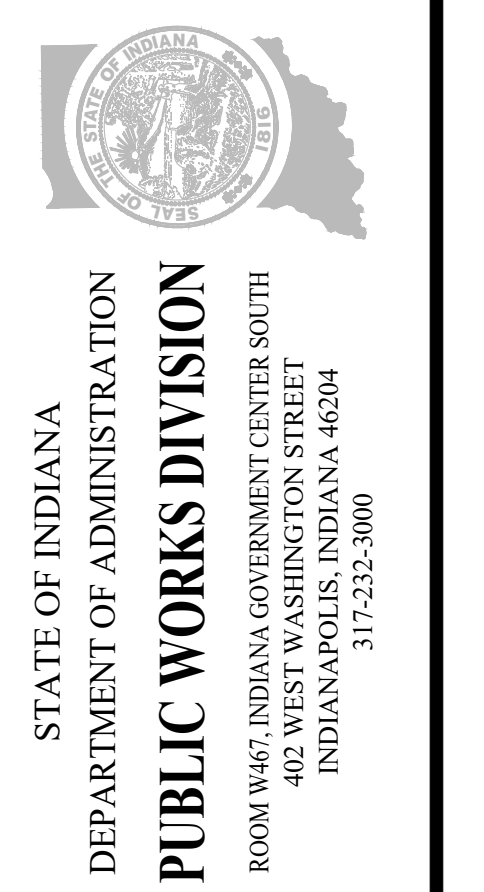


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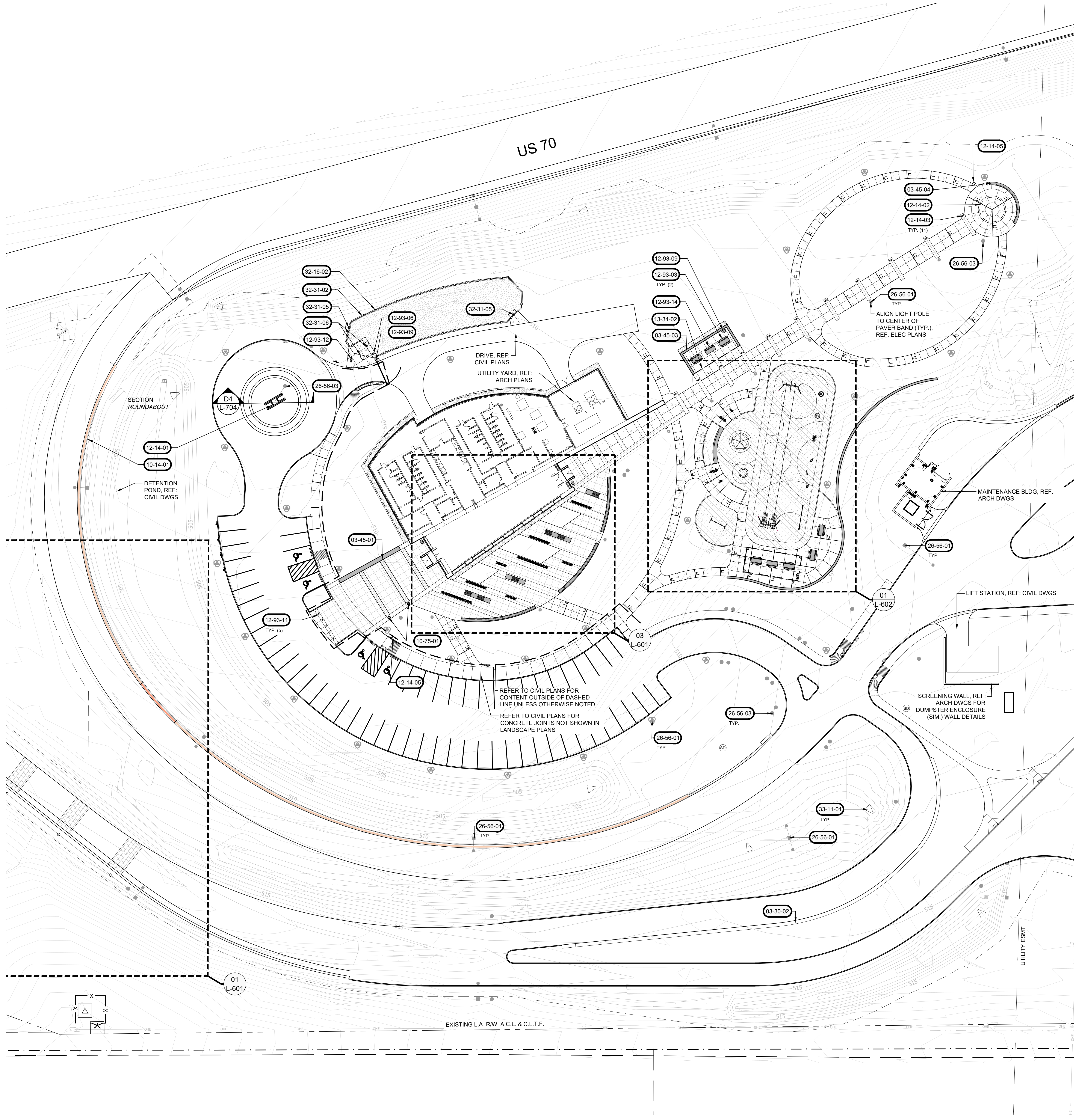


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PUBLIC WORKS PROJECT NO. 84003001-22-058-C1
 REST AREA
 INDIANA



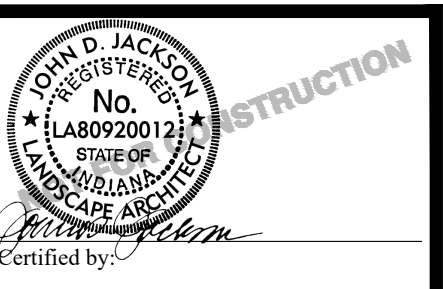
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DAPW Approval:		
Client Approval:		
Reference Number:		1364
Building Reference:		
Sheet Name:		
OVERALL SITE FEATURES PLAN		
Drawing Number:		L-201



GENERAL NOTES | SITE FEATURES PLANS:

1. DO NOT SCALE DRAWINGS FOR FIELD LAYOUT.
2. COORDINATE ALL WORK WITH OTHER DESIGN DISCIPLINES.
3. EXISTING AND PROPOSED UTILITIES THAT ARE SHOWN ARE FOR REFERENCE ONLY. REFER TO THE SITE SURVEY FOR EXISTING UTILITIES AND VERIFY ALL IN THE FIELD. REFER TO THE SITE ELECTRICAL PLAN FOR PROPOSED SITE LIGHTING AND POWER DISTRIBUTION EQUIPMENT. REFER TO CIVIL DRAWINGS FOR ALL OTHER PROPOSED UTILITIES.
4. REFERENCE NOTES SCHEDULE MAY APPEAR ON MULTIPLE SHEETS. NOT ALL REFERENCE NOTES APPEAR ON EACH SHEET.
5. REFER TO A2L-701 FOR CONCRETE PAVING JOINT DETAILS.
 - 5.1. 'I'J' DENOTES ISOLATION JOINT.
 - 5.2. 'CJA' DENOTES CONTRACTION JOINT 'A'.
6. ALL CONCRETE PAVING JOINTS SHALL BE CONTRACTION JOINT 'A' UNLESS INDICATED OTHERWISE.
7. ALL ISOLATION AND CONCRETE JOINTS FOR CONCRETE CURBS SHALL ALIGN WITH RESPECTIVE ISOLATION AND CONTRACTION JOINT SPACING OF ADJACENT CONCRETE PAVEMENTS AND SIDEWALKS.
8. THE LANDSCAPE ARCHITECT'S ELECTRONIC DESIGN DATA FILE(S) MAY BE MADE AVAILABLE TO THE SUCCESSFUL BIDDER(S) FOR LAYOUT PURPOSES UPON REQUEST AND RECEIPT OF A SIGNED "WAIVER OF CLAIMS FOR USE OF ELECTRONIC DATA" FORM.

CODE	DESCRIPTION	DETAIL
CAST-IN-PLACE CONCRETE		
03-30-02	CONCRETE PIT WALL AND CATCH FENCE, REF: CIVIL PLANS	
PRECAST ARCHITECTURAL CONCRETE		
03-45-01	PRECAST CONCRETE SEAT WALL (01)	A1/L-703
03-45-03	PRECAST CONCRETE SEAT WALL (03)	C1/L-703
03-45-04	PRECAST CONCRETE SEAT WALL (04)	E2/L-703
SIGNAGE		
10-14-01	PIT WALL PAINTED GRAPHICS, REF: CIVIL PLANS FOR CONCRETE WALL	E4/L-702
FLAGPOLES		
10-75-01	FLAGPOLE, 25' H, ALUMINUM TAPERED IN-GROUND	A1/L-702
SCULPTURES		
12-14-01	PYLON STRUCTURE AND INSTALLATION, BY OTHERS	
12-14-02	BORG-WARNER TROPHY SCULPTURE AND INSTALLATION, BY OTHERS	
12-14-03	WINNERS WALK INTERPRETIVE SIGNAGE AND INSTALLATION, BY OTHERS	E6/L-702
12-14-05	WAYFINDING SIGN	C1/L-702
SITE FURNISHINGS		
12-93-03	PICNIC TABLE, "HOPPER AA" W/ FLOOR FASTENERS BY EXTREMIS, 240 CM LENGTH, POWDER COATED ALUMINUM, COLOR TBD, SURFACE MOUNTED (REFER TO MFR. GUIDELINES)	
12-93-06	DOG WASTE STATION W/ BAG DISPENSER AND VENTED RECEPTACLE, REFER TO MFR. GUIDELINES FOR INSTALLATION	
12-93-09	"SLITNO-2385" TONYO LITTER RECEPTACLE BY FORMS+SURFACES, 60-GALLON CAPACITY, W/ RAIN HAT, SILVER TEXTURE FINISH, "WARP" PERFORATION PATTERN, SURFACE MOUNTED	
12-93-11	"LIGHT COLUMN BOLLARD" (BLCLCB-504-N) BY FORMS+SURFACES, NON-ILLUMINATED, SURFACE MOUNT W/ REMOVABLE BASE, STANDARD STAINLESS STEEL FINISH	A4/L-702
12-93-12	"440SM" H-I-D ADA OUTDOOR FOUNTAIN W/ PET FOUNTAIN BY MOST DEPENDABLE FOUNTAINS, FREEZE RESISTANT OPTION, CHROME FINISH	C7/L-702
12-93-14	ACCESSIBLE PICNIC TABLE, "HOPPER COMBO AA" (SINGLE BENCH) W/ FLOOR FASTENERS BY EXTREMIS, 240 CM LENGTH, POWDER COATED ALUMINUM, COLOR TBD, SURFACE MOUNTED (REFER TO MFR. GUIDELINES)	
FABRICATED ENGINEERED STRUCTURES		
13-34-02	STEEL SHADE STRUCTURE, INSTALLED ON SEAT WALL	A1/L-705
EXTERIOR LIGHTING		
26-56-01	LIGHT POLE, REF: ELEC DWGS	D7/L-702
26-56-03	HANDHOLE COVER, REF: ELEC DWGS	
CURBS, GUTTERS, SIDEWALKS, AND DRIVEWAYS		
32-16-02	CONCRETE CURB, 12"W	E2/L-701
FENCES AND GATES		
32-31-02	WELDED WIRE FENCE, OMEGA ARCHITECTURAL PANELS BY OMEGA II FENCE SYSTEMS, 6'H	A6/L-702
32-31-05	WELDED WIRE GATE, OMEGA ARCHITECTURAL DOUBLE SWING GATE BY OMEGA II FENCE SYSTEMS, 6'H	C6/L-702
32-31-06	WELDED WIRE GATE, OMEGA ARCHITECTURAL SINGLE SWING GATE BY OMEGA II FENCE SYSTEMS, 6'H	D6/L-702
WATER UTILITY DISTRIBUTION PIPING		
33-11-01	STORMWATER STRUCTURE, REF: CIVIL DWGS	
RIGID PAVING		
	CONCRETE PAVING, STANDARD, LIGHT DUTY	A1/L-701
	DECORATIVE STAMPED CONCRETE BAND, FORMLINER BY FITZGERALD MODEL: '16947 / 8" USED BRICK	
UNIT PAVING		
	CAST CONCRETE PAVERS, BITUMINOUS SETTING BED	A5/L-701
	BRICK PAVERS, BITUMINOUS SETTING BED	A5/L-701
AGGREGATE SURFACING		
	DECORATIVE GRAVEL, DARK GRAY, SIZED 1-1/4" TO 3/8"	D4/L-702
ATHLETIC AND RECREATIONAL SURFACING		
	PLAYGROUND PROTECTIVE SURFACING, POURED-IN-PLACE RUBBER	A7/L-701
	DOG PARK SURFACING, ENGINEERED WOOD FIBER	C7/L-701

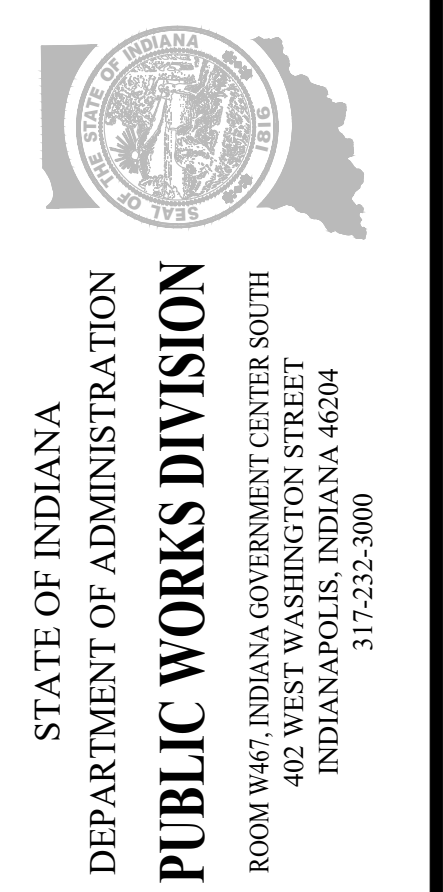


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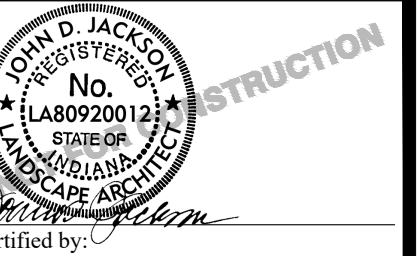
PUBLIC WORKS PROJECT NO. 84003001-22-058-C1
 REST AREA
 INDIANA



STATE OF INDIANA
 DEPARTMENT OF ADMINISTRATION
PUBLIC WORKS DIVISION
 ROOM 1465 INDIANA GOVERNMENT CENTER SOUTH
 402 WEST WASHINGTON STREET
 INDIANAPOLIS, INDIANA 46204
 317-232-3900

Project Number: 84003001-22-058-C1
 Requisition Number: REST AREA
 Account Number:
 Designer: RATIO Date: 2023/02/23
 Drafter: Drawing Scale:
 DAPW Approval:
 Client Approval:
 Reference Number: 1364
 Building Reference:
 Sheet Name: SITE FEATURES PLAN
 Drawing Number: L-202

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JSE
 JANSSEN & SPAANS ENGINEERING
 900 Harrison Park Court
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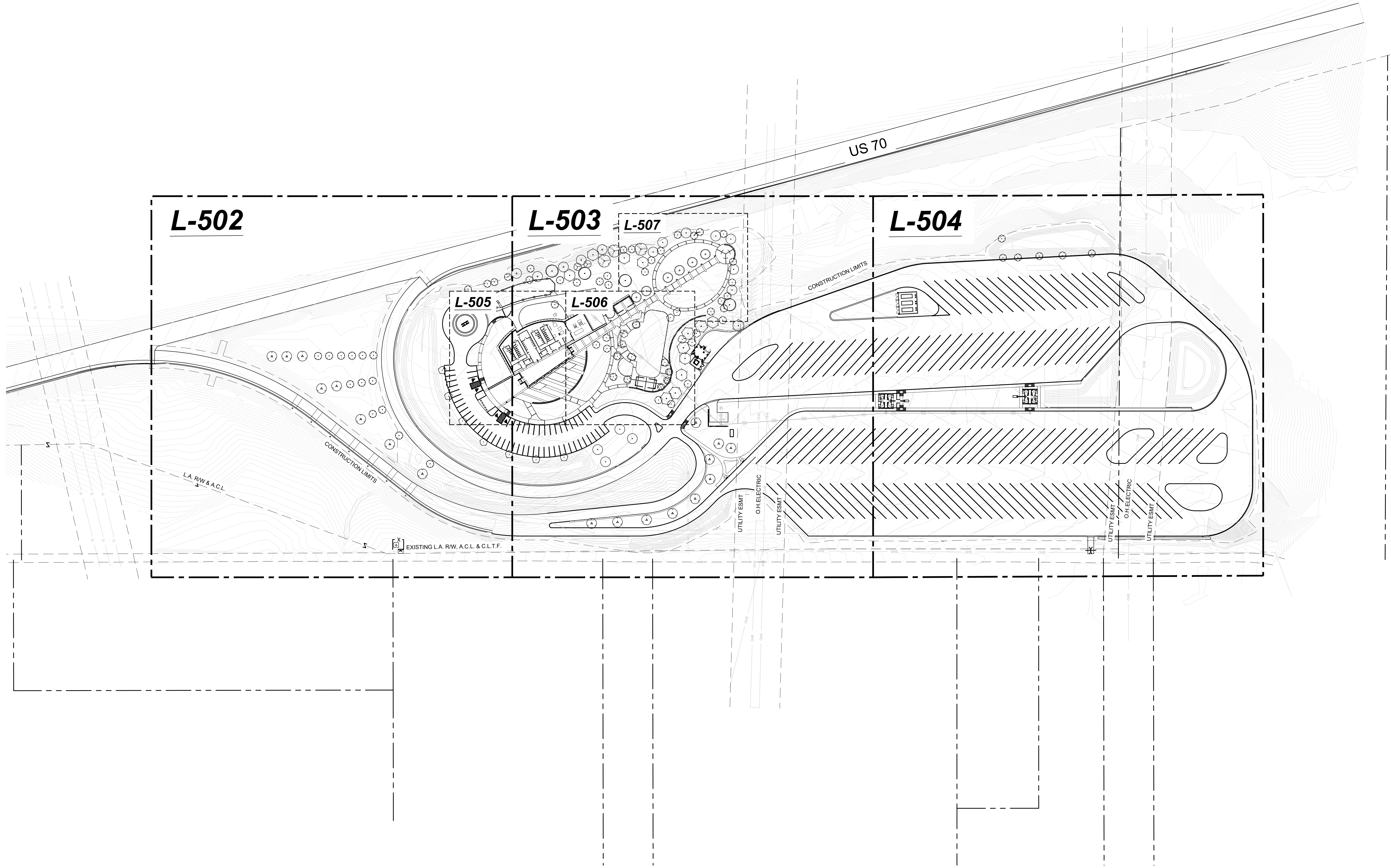
RATIO
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PUBLIC WORKS PROJECT NO. 84003001-22-058-C1
 REST AREA
 INDIANA

STATE OF INDIANA
 DEPARTMENT OF ADMINISTRATION
PUBLIC WORKS DIVISION
 ROOM 1425 INDIANA GOVERNMENT CENTER SOUTH
 402 WEST WASHINGTON STREET
 INDIANAPOLIS, INDIANA 46204
 317-232-3000

Revisions:

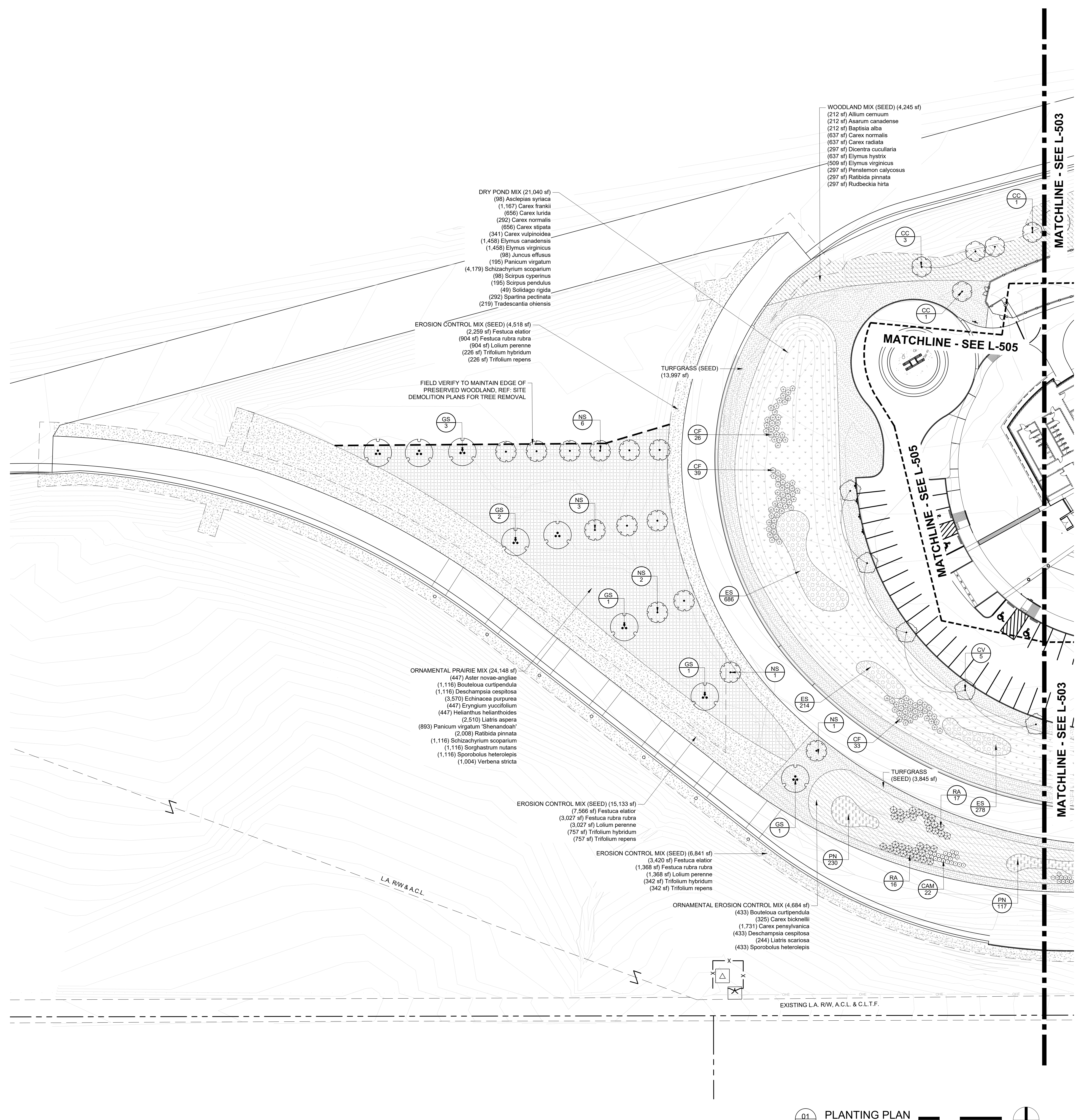
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Requisition Number:	REST AREA
Account Number:	-
Designer:	RATIO
Drawing Date:	2023/02/23
Drafter:	-
Drawing Scale:	-
DA/PW Approval:	-
Client Approval:	-
Reference Number:	1364
Building Reference:	-
Sheet Name:	OVERALL PLANTING PLAN
Drawing Number:	L-501



01 OVERALL PLANTING PLAN
 SCALE 0 40' 80' 160'

Last Saved By: Janssen, Printout: 2/23/23
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Date: 2/27/23
 Drawn by: J. J. Janssen
 Checked by: J. J. Janssen
 Project: 84003001-22-058-C1 - REST AREA
 Drawing: PLANTING PLAN



GENERAL NOTES | PLANTING PLANS:

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- COMMENCEMENT OF PLANTING SCOPE CONSTITUTES ACCEPTANCE OF SITE CONDITIONS. ENSURE THAT NECESSARY AND SPECIFIED PLANTING CONDITIONS HAVE BEEN ACHIEVED PRIOR TO PLANTING AND LAWN INSTALLATION, INCLUDING POSITIVE DRAINAGE AND INFILTRATION OF PRECIPITATION AND IRRIGATION.
- FOR DISTURBED AREAS WITHIN OR IMMEDIATELY ADJACENT TO RIGHT-OF-WAY, INSTALL SPECIFIED TURFGRASS SEED AT DISTURBED AREAS NOT OTHERWISE IDENTIFIED FOR PLANT MATERIAL. IF DISTURBED AREA WAS PREVIOUSLY A PLANTED AREA, RESTORE BY FINISH GRADING AND INSTALLING 2" DEPTH ORGANIC MULCH FOR DISTURBED AREA.
- INSTALL SPECIFIED TURFGRASS SEED AT DISTURBED AREAS NOT OTHERWISE IDENTIFIED FOR PLANT MATERIAL.
- PROVIDE 2" ORGANIC MULCH AT ALL PLANTING AREAS.
- PROPOSED TREES SHALL BE INSTALLED PER L-710(A)1 UNLESS OTHERWISE INDICATED ON PLANS.
- PROPOSED SHRUBS SHALL BE INSTALLED PER L-710(A)2 UNLESS OTHERWISE INDICATED ON PLANS.
- PROPOSED CONTAINER GROUNDCOVERS, GRASSES AND PERENNIALS SHALL BE INSTALLED PER L-710(A)6 UNLESS OTHERWISE INDICATED ON PLANS.
- PROPOSED PLUG GROUNDCOVERS, GRASSES AND PERENNIALS SHALL BE INSTALLED PER L-710(A)5 UNLESS OTHERWISE INDICATED ON PLANS.
- FOR AREAS WHERE PROPOSED LAWN AND PLANTINGS MEET, 'SPADE EDGE' SHALL BE INSTALLED PER L-710(B)5 UNLESS OTHERWISE INDICATED ON PLANS.
- INTERPLANT BULBS BETWEEN CONTAINER STOCK. CONFIRM FINAL BULB LAYOUT WITH LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.

PLANT SCHEDULE L-502

TREES	CODE	BOTANICAL / COMMON NAME	SIZE	REMARKS
	CC	Cercis canadensis Eastern Redbud	2" Cal.	
	CV	Chionanthus virginicus White Fringetree	2" Cal.	
	GS	Gleditsia triacanthos inermis 'Skyline' Skyline Honey Locust	4" Cal.	
	NS	Nyssa sylvatica Tupelo	3" Cal.	
SHRUBS	CODE	BOTANICAL / COMMON NAME	SIZE	REMARKS
	CAM	Ceanothus americanus New Jersey Tea	24", 5 Gal	36" o.c.
	CF	Cornus stolonifera 'Flaviramea' Yellow Twig Dogwood	36", 5 Gal.	48" o.c.
	RA	Rhus aromatica 'Gro-Low' Gro-Low Fragrant Sumac	12", 3 Gal.	60" o.c.
GRAMINOIDS	CODE	BOTANICAL / COMMON NAME	SIZE	REMARKS
	PN	Panicum virgatum 'Northwind' Northwind Switch Grass	1 Gal.	18" o.c.
PERENNIAL	CODE	BOTANICAL / COMMON NAME	SIZE	REMARKS
	ES	Eupatorium purpureum Joe Pye Weed	1 Gal.	18" o.c.

PLANT MIX SCHEDULE L-502

	ORNAMENTAL PRAIRIE MIX OVERSEED W/ MIX OF 40% AVENA SATIVA, 40% ELYMUS VIRGINICUS, 20% TRIFOLIUM HYBRIDUM (560 OZ. PURE LIVE SEEDS PER ACRE)			
	Aster novae-angliae / New England Aster	Plug	4% @ 18" oc	
	Bouteloua curtipendula / Side Oats Grama	Plug	10% @ 18" oc	
	Deschampsia cespitosa / Tufted Hair Grass	Plug	10% @ 18" oc	
	Echinacea purpurea / Coneflower	Plug	8% @ 9" oc	
	Eryngium yuccifolium / Rattlesnake Master	Plug	4% @ 18" oc	
	Helianthus helianthoides / Ox-eye Sunflower	Plug	4% @ 18" oc	
	Liatris aspera / Rough Blazing Star	Plug	10% @ 12" oc	
	Panicum virgatum 'Shenandoah' / Shenandoah Switch Grass	Plug	8% @ 18" oc	
	Ratibida pinnata / Yellow Coneflower	Plug	8% @ 12" oc	
	Schizachyrium scoparium / Little Bluestem	Plug	10% @ 18" oc	
	Sorghastrum nutans / Indian Grass	Plug	10% @ 18" oc	
	Sporobolus heterolepis / Prairie Dropseed	Plug	10% @ 18" oc	
	Verbena stricta / Hoary Vervain	Plug	4% @ 12" oc	
	EROSION CONTROL MIX (SEED)			
	Festuca elatior / Tall Fescue	N/A	50%	
	Festuca rubra rubra / Creeping Red Fescue	N/A	20%	
	Lolium perenne / Perennial Ryegrass	N/A	20%	
	Trifolium hybridum / Alsike Clover	N/A	5%	
	Trifolium repens / White Clover	N/A	5%	
	WOODLAND MIX (SEED)			
	Allium cernuum / Nodding Onion	N/A	5%	
	Asarum canadense / Wild Ginger	N/A	5%	
	Baptisia alba / White Wild Indigo	N/A	5%	
	Carex normalis / Greater Staw Sedge	N/A	15%	
	Carex radiata / Eastern Star Sedge	N/A	15%	
	Dicentra cucullaria / Dutchmen's Breeches	N/A	7%	
	Elymus hystrix / Bottlebrush Grass	N/A	15%	
	Elymus virginicus / Virginia Wild Rye	N/A	12%	
	Penstemon calycosus / Calico Beardtongue	N/A	7%	
	Ratibida pinnata / Yellow Coneflower	N/A	7%	
	Rudbeckia hirta / Black-eyed Susan	N/A	7%	
	TURFGRASS (SEED)			
	Tall Fescue (RTF)			
	ORNAMENTAL EROSION CONTROL MIX OVERSEED W/ MIX OF 40% AVENA SATIVA, 40% ELYMUS VIRGINICUS, 20% TRIFOLIUM HYBRIDUM (560 OZ. PURE LIVE SEEDS PER ACRE)			
	Bouteloua curtipendula / Side Oats Grama	Plug	20% @ 18" oc	
	Carex bicknellii / Prairie Sedge	Plug	15% @ 18" oc	
	Carex pensylvanica / Pennsylvania Sedge	Plug	20% @ 9" oc	
	Deschampsia cespitosa / Tufted Hair Grass	Plug	20% @ 18" oc	
	Liatris scariosa / Blazing Aster	Plug	5% @ 12" oc	
	Sporobolus heterolepis / Prairie Dropseed	Plug	20% @ 18" oc	
	DRY POND MIX OVERSEED W/ AVENA SATIVA (560 OZ. PURE LIVE SEEDS PER ACRE)			
	Asclepias syriaca / Common Milkweed	Plug	1% @ 18" oc	
	Carex frankii / Frank's Sedge	Plug	3% @ 9" oc	
	Carex lurida / Lurid Sedge	Plug	3% @ 12" oc	
	Carex normalis / Spreading Oval Sedge	Plug	3% @ 18" oc	
	Carex stipata / Awl-fruited Sedge	Plug	3% @ 12" oc	
	Carex vulpinoidea / Fox Sedge	Plug	3.5% @ 18" oc	
	Elymus canadensis / Canada Wild Rye	Plug	15% @ 18" oc	
	Elymus virginicus / Virginia Wild Rye	Plug	15% @ 18" oc	
	Juncus effusus / Common Rush	Plug	1% @ 18" oc	
	Panicum virgatum / Switch Grass	Plug	2% @ 18" oc	
	Schizachyrium scoparium / Little Bluestem	Plug	43% @ 18" oc	
	Scirpus cyperinus / Wool Grass	Plug	1% @ 18" oc	
	Scirpus pendulus / Nodding Bulrush	Plug	2% @ 18" oc	
	Solidago rigida / Stiff Goldenrod	Plug	0.5% @ 18" oc	
	Spartina pectinata / Prairie Cordgrass	Plug	3% @ 18" oc	
	Tradescantia ohimensis / Ohio Spiderwort	Plug	1% @ 12" oc	

PLANTING PLAN
SCALE 0 15' 30' 60'

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PUBLIC WORKS PROJECT NO. 84003001-22-058-C1
REST AREA
INDIANA

STATE OF INDIANA
DEPARTMENT OF ADMINISTRATION
PUBLIC WORKS DIVISION
ROOM 442 INDIANA GOVERNMENT CENTER SOUTH
402 WEST WASHINGTON STREET
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317.232-3000

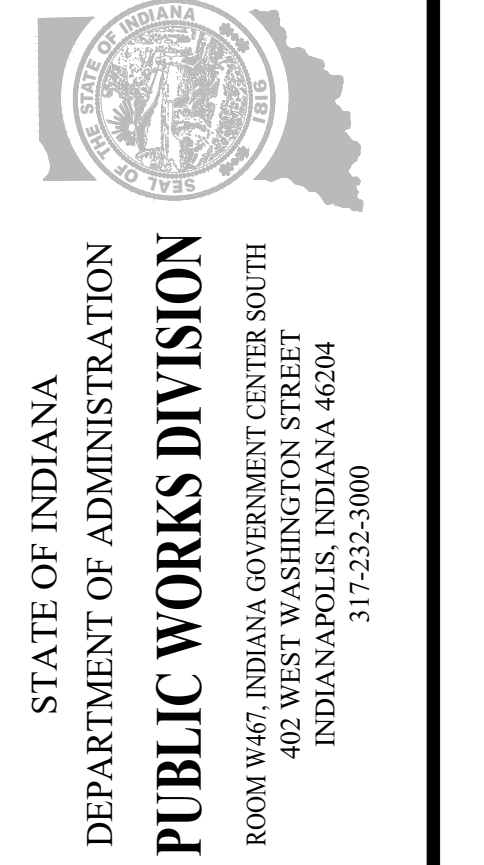
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Requisition Number: REST AREA
Account Number:
Designer: RATIO
Drawing Date: 2023/02/23
Drafter:
Drawing Scale:
Client Approval:
Reference Number: 1364
Building Reference:
Sheet Name: PLANTING PLAN
Drawing Number: L-502



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PUBLIC WORKS PROJECT NO. 84003001-22-058-C1
REST AREA
INDIANA



STATE OF INDIANA
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PUBLIC WORKS DIVISION
ROOM 4425 INDIANA GOVERNMENT CENTER SOUTH
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INDIANAPOLIS, INDIANA 46204
317-232-3000

Revisions:

Project Number: 84003001-22-058-C1
Requestion Number: REST AREA
Account Number:
Designer: RATIO
Drawing Date: 2023/02/23
Drafter: Drawing Scale:
Client Approval:
Reference Number: 1364
Building Reference:
Sheet Name: PLANTING PLAN
Drawing Number: L-503

GENERAL NOTES | PLANTING PLANS:

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- PROPOSED SHRUBS SHALL BE INSTALLED PER L-710/A2 UNLESS OTHERWISE INDICATED ON PLANS.
- PROPOSED CONTAINER GROUNDCOVERS, GRASSES AND PERENNIALS SHALL BE INSTALLED PER L-710/A6 UNLESS OTHERWISE INDICATED ON PLANS.
- PROPOSED PLUG GROUNDCOVERS, GRASSES AND PERENNIALS SHALL BE INSTALLED PER L-710/A5 UNLESS OTHERWISE INDICATED ON PLANS.
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- INTERPLANT BULBS BETWEEN CONTAINER STOCK. CONFIRM FINAL BULB LAYOUT WITH LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.

PLANT SCHEDULE L-503

TREES	BOTANICAL / COMMON NAME	SIZE	REMARKS
ABU	Acer buergerianum Trident Maple	2" Cal.	
AG	Amelanchier x grandiflora 'Autumn Brilliance' Autumn Brilliance Serviceberry	2" Cal.	
CA	Carpinus caroliniana American Hornbeam	2" Cal.	
CC	Cercis canadensis Eastern Redbud	2" Cal.	
CV	Chionanthus virginicus White Fringetree	2" Cal.	
GS	Gleditsia triacanthos inermis 'Skyline' Skyline Honey Locust	4" Cal.	
LH	Liquidambar styraciflua 'Happdell' Happidaze® Sweet Gum	3" Cal.	
LT	Liriodendron tulipifera Tulip Poplar	3" Cal.	
NS	Nyssa sylvatica Tupelo	3" Cal.	
PO	Platanus occidentalis American Sycamore	3" Cal.	
QI	Quercus imbricaria Shingle Oak	4" Cal.	
QR	Quercus rubra Red Oak	4" Cal.	
TA	Tilia americana American Linden	3" Cal.	

SHRUBS	BOTANICAL / COMMON NAME	SIZE	REMARKS
CAM	Ceanothus americanus New Jersey Tea	24", 5 Gal	36" o.c.
CF	Cornus stolonifera 'Flaviramea' Yellow Twig Dogwood	36", 5 Gal.	48" o.c.
JB	Juniperus chinensis 'Blue Point' Blue Point Juniper	36", 5 Gal.	
PL	Prunus laurocerasus 'Otto Luyken' Otto Luyken English Laurel	36", 5 Gal.	
PRL	Prunus laurocerasus 'Schipkaensis' Schipka English Laurel	36", 5 Gal.	
RA	Rhus aromatica 'Gro-Low' Gro-Low Fragrant Sumac	12", 3 Gal.	60" o.c.

GRAMINOIDS

GRAMINOIDS	BOTANICAL / COMMON NAME	SIZE	REMARKS
PN	Panicum virgatum 'Northwind' Northwind Switch Grass	1 Gal.	18" o.c.

PLANT MIX SCHEDULE L-503

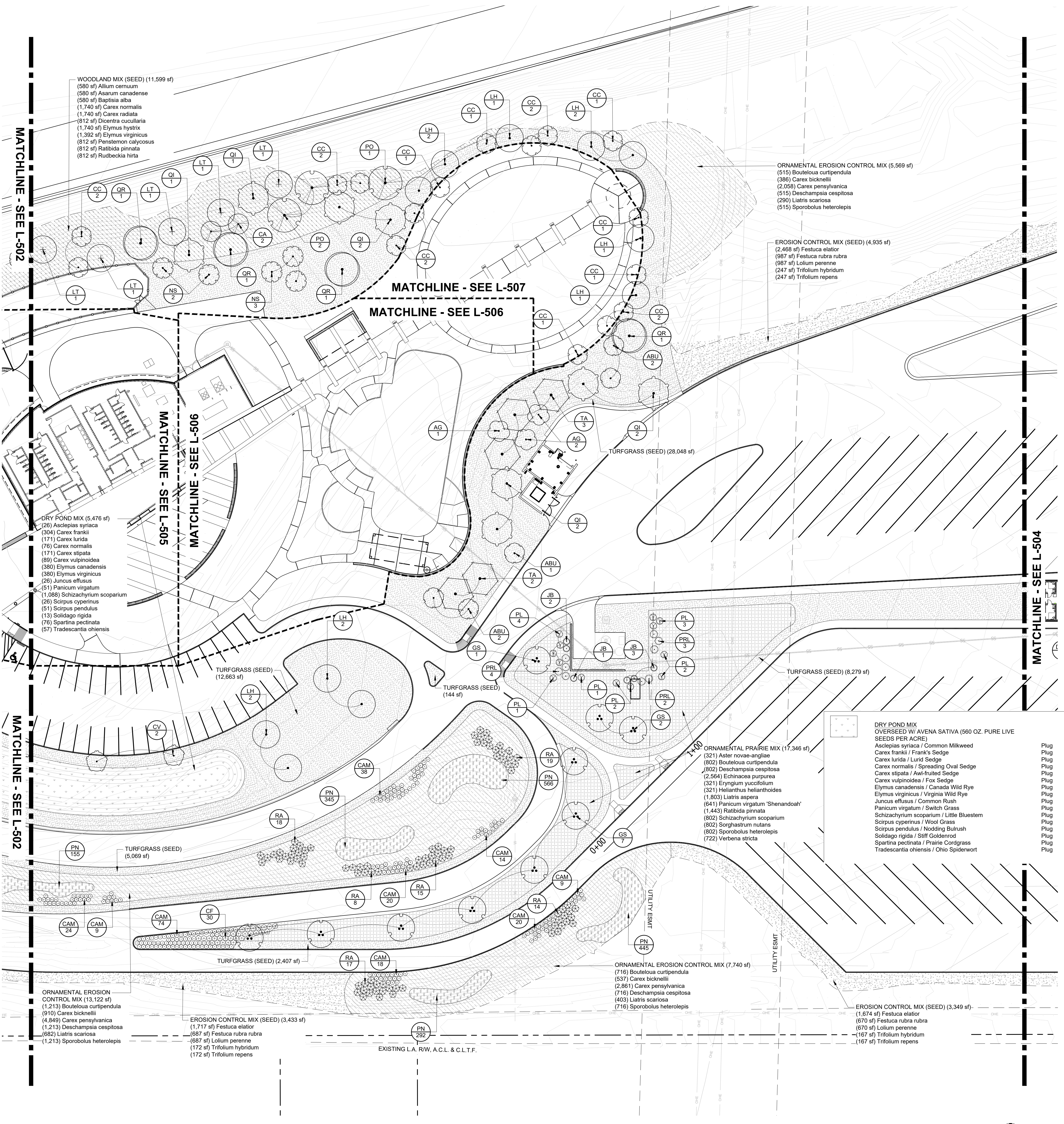
ORNAMENTAL PRAIRIE MIX	OVERSEED W/ MIX OF 40% AVENA SATIVA, 40% ELYMUS VIRGINICUS, 20% TRIFOLIUM HYBRIDUM (560 OZ. PURE LIVE SEEDS PER ACRE)	PLUG	PERCENTAGE
Asclepias syriaca / Common Milkweed	Plug	1%	@ 18" oc
Carex frankii / Frank's Sedge	Plug	3%	@ 9" oc
Carex lurida / Lurid Sedge	Plug	3%	@ 12" oc
Carex normalis / Spreading Oval Sedge	Plug	3%	@ 18" oc
Carex stipitata / Aw-fruited Sedge	Plug	3%	@ 12" oc
Carex vulpinoidea / Fox Sedge	Plug	3.5%	@ 18" oc
Elymus canadensis / Canada Wild Rye	Plug	15%	@ 18" oc
Elymus virginicus / Virginia Wild Rye	Plug	15%	@ 18" oc
Juncus effusus / Common Rush	Plug	1%	@ 18" oc
Panicum virgatum / Switch Grass	Plug	2%	@ 18" oc
Schizachyrium scoparium / Little Bluestem	Plug	43%	@ 18" oc
Scirpus cyperinus / Wool Grass	Plug	1%	@ 18" oc
Scirpus pendulus / Nodding Bulrush	Plug	2%	@ 18" oc
Solidago rigida / Stiff Goldenrod	Plug	0.5%	@ 18" oc
Spartina pectinata / Prairie Cordgrass	Plug	3%	@ 18" oc
Tradescantia ohioensis / Ohio Spiderwort	Plug	1%	@ 12" oc

EROSION CONTROL MIX (SEED)	PERCENTAGE
Festuca elatior / Tall Fescue	N/A 50%
Festuca rubra rubra / Creeping Red Fescue	N/A 20%
Lolium perenne / Perennial Ryegrass	N/A 20%
Trifolium hybridum / Alsike Clover	N/A 5%
Trifolium repens / White Clover	N/A 5%

WOODLAND MIX (SEED)	PERCENTAGE
Allium cernuum / Nodding Onion	N/A 5%
Asarum canadense / Wild Ginger	N/A 5%
Baptisia alba / White Wild Indigo	N/A 5%
Carex normalis / Greater Straw Sedge	N/A 15%
Carex radiata / Eastern Star Sedge	N/A 15%
Dicentra cucullaria / Dutchman's Breeches	N/A 7%
Elymus hystrix / Bottlebrush Grass	N/A 15%
Elymus virginicus / Virginia Wild Rye	N/A 12%
Penstemon calycosus / Calico Beardtongue	N/A 7%
Ratibida pinnata / Yellow Coneflower	N/A 7%
Rudbeckia hirta / Black-eyed Susan	N/A 7%

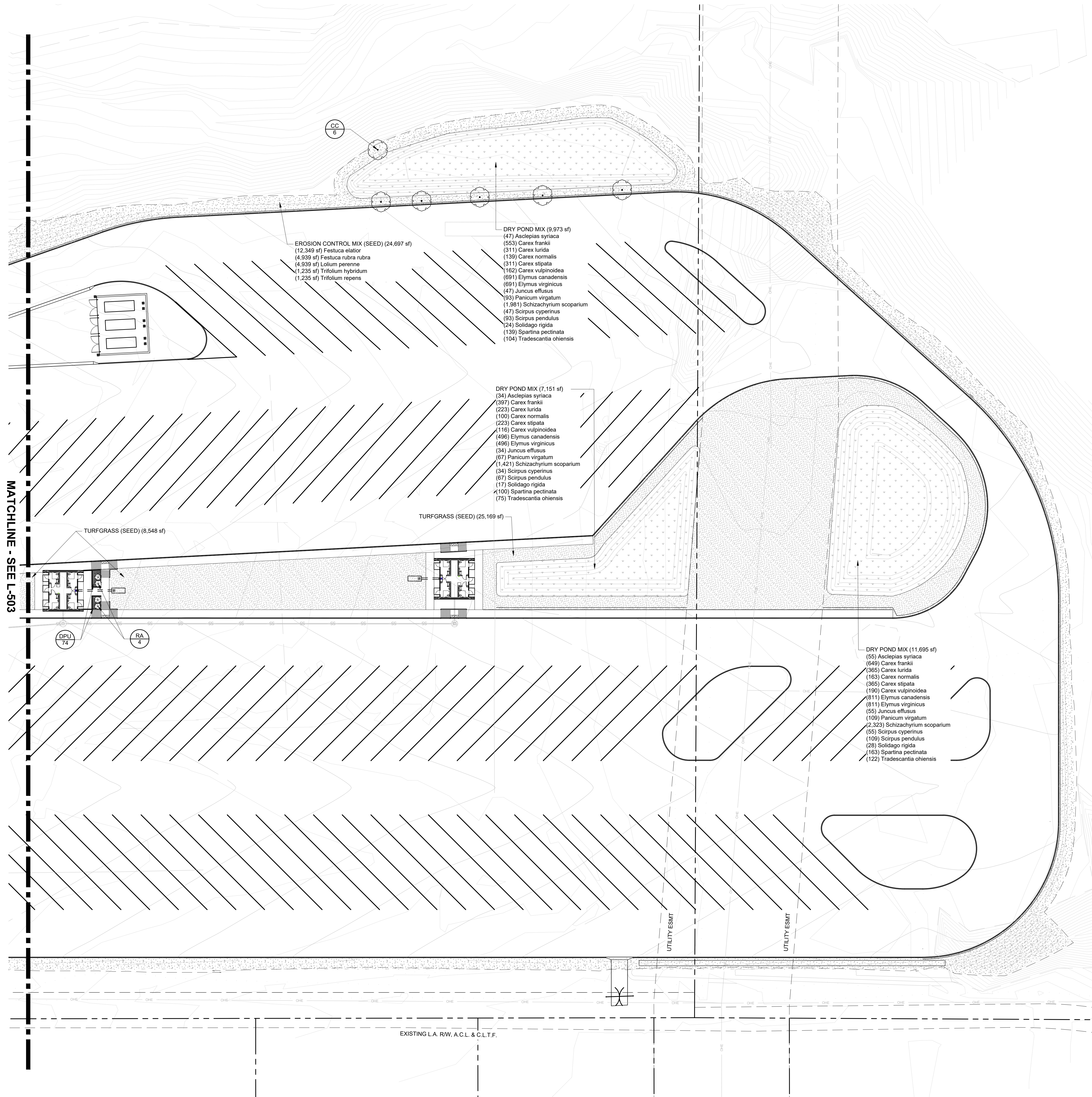
TURFGRASS (SEED)	PERCENTAGE
Tall Fescue (RTF)	N/A 50%

ORNAMENTAL EROSION CONTROL MIX	OVERSEED W/ MIX OF 40% AVENA SATIVA, 40% ELYMUS VIRGINICUS, 20% TRIFOLIUM HYBRIDUM (560 OZ. PURE LIVE SEEDS PER ACRE)	PLUG	PERCENTAGE
Bouteloua curtipendula / Side Oats Grama	Plug	20%	@ 18" oc
Carex bicknellii / Prairie Sedge	Plug	15%	@ 18" oc
Carex pensylvanica / Pennsylvania Sedge	Plug	20%	@ 9" oc
Deschampsia cespitosa / Tufted Hair Grass	Plug	20%	@ 18" oc
Liatris scariosa / Blazing Aster	Plug	5%	@ 12" oc
Sporobolus heterolepis / Prairie Dropseed	Plug	20%	@ 18" oc



PLANTING PLAN
SCALE 0 15' 30' 60'

Date: 2/22/23
 User: jason@ratio.com
 Project: 84003001-22-058-C1
 Drawing: L-503
 Title: PLANTING PLAN
 Author: Jason Spans
 Date: 2/22/23
 Time: 10:00 AM
 Path: C:\Users\jason@ratio.com\AppData\Local\Temp\1364\1364.dwg
 Plot: 2/22/23 10:00 AM
 Plot Device: HP DesignJet 5000
 Plot Style: ratio.ctb
 Scale: 1/8" = 1'-0"
 Sheet: 1 of 1
 Title: PLANTING PLAN
 Project: 84003001-22-058-C1
 Drawing: L-503



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PLANT SCHEDULE L-504

TREES				
SYMBOL	CC	BOTANICAL / COMMON NAME	SIZE	REMARKS
	CC	Cercis canadensis Eastern Redbud	2" Cal.	
SHRUBS				
SYMBOL	CODE	BOTANICAL / COMMON NAME	SIZE	REMARKS
	RA	Rhus aromatica 'Gro-Low' Gro-Low Fragrant Sumac	12", 3 Gal.	60" o.c.
PERENNIALS				
SYMBOL	CODE	BOTANICAL / COMMON NAME	SIZE	REMARKS
	DPU	Dalea purpurea Purple Prairie Clover	1 Gal.	12" o.c.

PLANT MIX SCHEDULE L-504

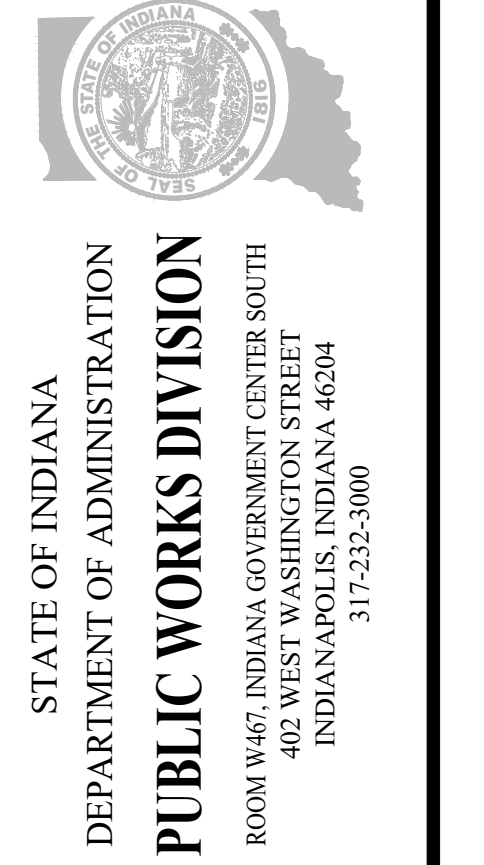
	EROSION CONTROL MIX (SEED) Festuca elatior / Tall Fescue Festuca rubra rubra / Creeping Red Fescue Lolium perenne / Perennial Ryegrass Trifolium hybridum / Alaskan Clover Trifolium repens / White Clover	N/A	50%	
	TURFGRASS (SEED) Tall Fescue (RTF)			
	DRY POND MIX OVERSEED W/ AVENA SATIVA (560 OZ. PURE LIVE SEEDS PER ACRE) Asclepias syriaca / Common Milkweed Carex frankii / Frank's Sedge Carex lurida / Lurid Sedge Carex normalis / Spreading Oval Sedge Carex stipata / Awl-fruited Sedge Carex vulpinoidea / Fox Sedge Elymus canadensis / Canada Wild Rye Elymus virginicus / Virginia Wild Rye Juncus effusus / Common Rush Panicum virgatum / Switch Grass Schizachyrium scoparium / Little Bluestem Scirpus cyperinus / Wood Grass Scirpus pendulus / Nodding Bulrush Solidago rigida / Stiff Goldenrod Spartina pectinata / Prairie Cordgrass Tradescantia ohimensis / Ohio Spiderwort	Plug		1% @ 18" oc 3% @ 9" oc 3% @ 12" oc 3% @ 18" oc 3% @ 12" oc 3.5% @ 18" oc 15% @ 18" oc 15% @ 18" oc 1% @ 18" oc 2% @ 18" oc 43% @ 18" oc 1% @ 18" oc 2% @ 18" oc 0.5% @ 18" oc 3% @ 18" oc 1% @ 12" oc



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T: 317.623.4800
www.ratioidesign.com

PUBLIC WORKS PROJECT NO. 84003001-22-058-C1
REST AREA
INDIANA



Project Number:	84003001-22-058-C1
Requisition Number:	REST AREA
Account Number:	
Designer:	RATIO
Drawing Date:	2023/02/23
Drafter:	
Drawing Scale:	
DAWP Approval:	
Client Approval:	
Reference Number:	1364
Building Reference:	
Sheet Name:	PLANTING PLAN
Drawing Number:	L-504

Date: 2/23/23
 Drawn: R. Janssen
 Checked: R. Janssen
 Title: PLANTING PLAN
 Project: 84003001-22-058-C1
 File: 2023-02-23-10:07 pm

Date: 2/27/23
 Time: 2:27:13 PM
 User: jason@ratio.com
 Project: 84003001-22-058-C1 - Planting Plans
 Path: C:\Users\jason@ratio.com\Documents\84003001-22-058-C1 - Planting Plans\84003001-22-058-C1.dwg

GENERAL NOTES | PLANTING PLANS:

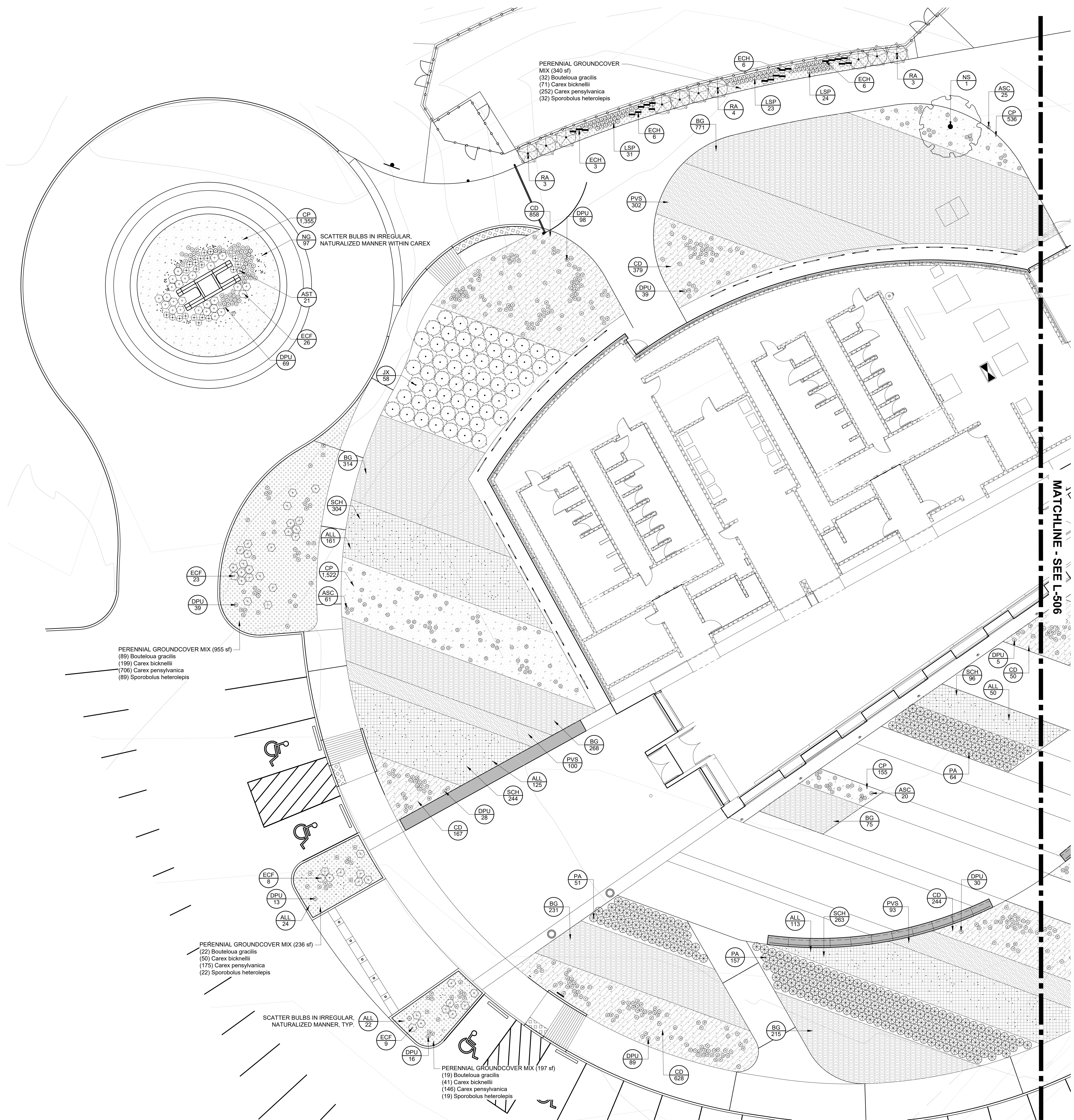
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- FOR DISTURBED AREAS WITHIN OR IMMEDIATELY ADJACENT TO RIGHT-OF-WAY, INSTALL SPECIFIED TURFGRASS SEED AT DISTURBED AREAS NOT OTHERWISE IDENTIFIED FOR PLANT MATERIAL. IF DISTURBED AREA WAS PREVIOUSLY A PLANTED AREA, RESTORE BY FINISH GRADING AND INSTALLING 2" DEPTH ORGANIC MULCH FOR DISTURBED AREA.
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- INTERPLANT BULBS BETWEEN CONTAINER STOCK. CONFIRM FINAL BULB LAYOUT WITH LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.

PLANT SCHEDULE L-505

TREES				
SYMBOL	CODE	BOTANICAL / COMMON NAME	SIZE	REMARKS
	NS	Nyssa sylvatica Tupelo	3" Cal.	
SHRUBS				
	JX	Juniperus x 'Grey Owl' Grey Owl Juniper	24" W, 5 Gal.	48" o.c.
	RA	Rhus aromatica 'Gro-Low' Gro-Low Fragrant Sumac	12", 3 Gal.	60" o.c.
PERENNIALS				
	ASC	Asclepias tuberosa Butterfly Milkweed	1 Gal.	12" o.c.
	AST	Aster novae-angliae 'Purple Dome' Purple Dome New England Aster	1 Gal.	18" o.c.
	DPU	Dalea purpurea Purple Prairie Clover	1 Gal.	12" o.c.
	ECH	Echinacea purpurea Coneflower	1 Gal.	18" o.c.
	ECF	Echinacea x 'Flame Thrower' Flame Thrower Coneflower	1 Gal.	24" o.c.
	LSP	Liatris spicata Blazing Star	1 Gal.	12" o.c.
SEASONAL COLOR				
	ALL	Allium x 'Purple Sensation' Purple Sensation Ornamental Onion	Bulb	8" minimum o.c.
	NG	Narcissus bulbocodium 'Golden Bells' Golden Bells Daffodil	Bulb	4" and 12" o.c.
STRUCTURAL PERENNIAL				
	PA	Petovskia atriplicifolia Russian Sage	1 Gal.	24" o.c.
GRAMINOIDS				
	BG	Bouteloua gracilis Blue Grama Grass	1 Gal.	18" o.c.
	CD	Carex divisa European Grey Sedge	Quart	12" o.c.
	CP	Carex pensylvanica Pennsylvania Sedge	Quart	9" o.c.
	PVS	Panicum virgatum 'Shenandoah' Shenandoah Switch Grass	1 Gal.	18" o.c.
	SCH	Schizachyrium scoparium Little Bluestem	1 Gal.	18" o.c.

PLANT MIX SCHEDULE L-505

	PERENNIAL GROUNDCOVER MIX	1 Gal.	20% @ 18" oc
	Bouteloua gracilis / Blue Grama Grass	1 Gal.	20% @ 12" oc
	Carex bicknellii / Prairie Sedge	1 Gal.	40% @ 9" oc
	Carex pensylvanica / Pennsylvania Sedge	1 Gal.	20% @ 18" oc
	Sporobolus heterolepis / Prairie Dropseed	1 Gal.	20% @ 18" oc



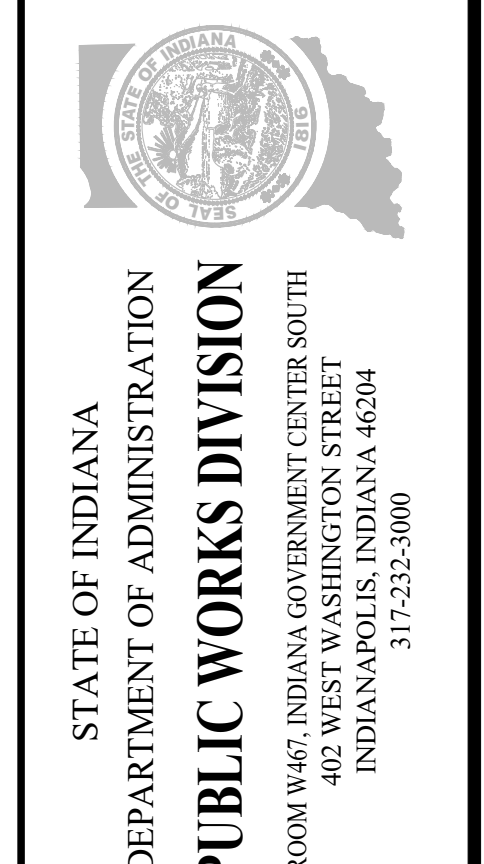
01 PLANTING PLAN
SCALE 0 5' 10' 20'



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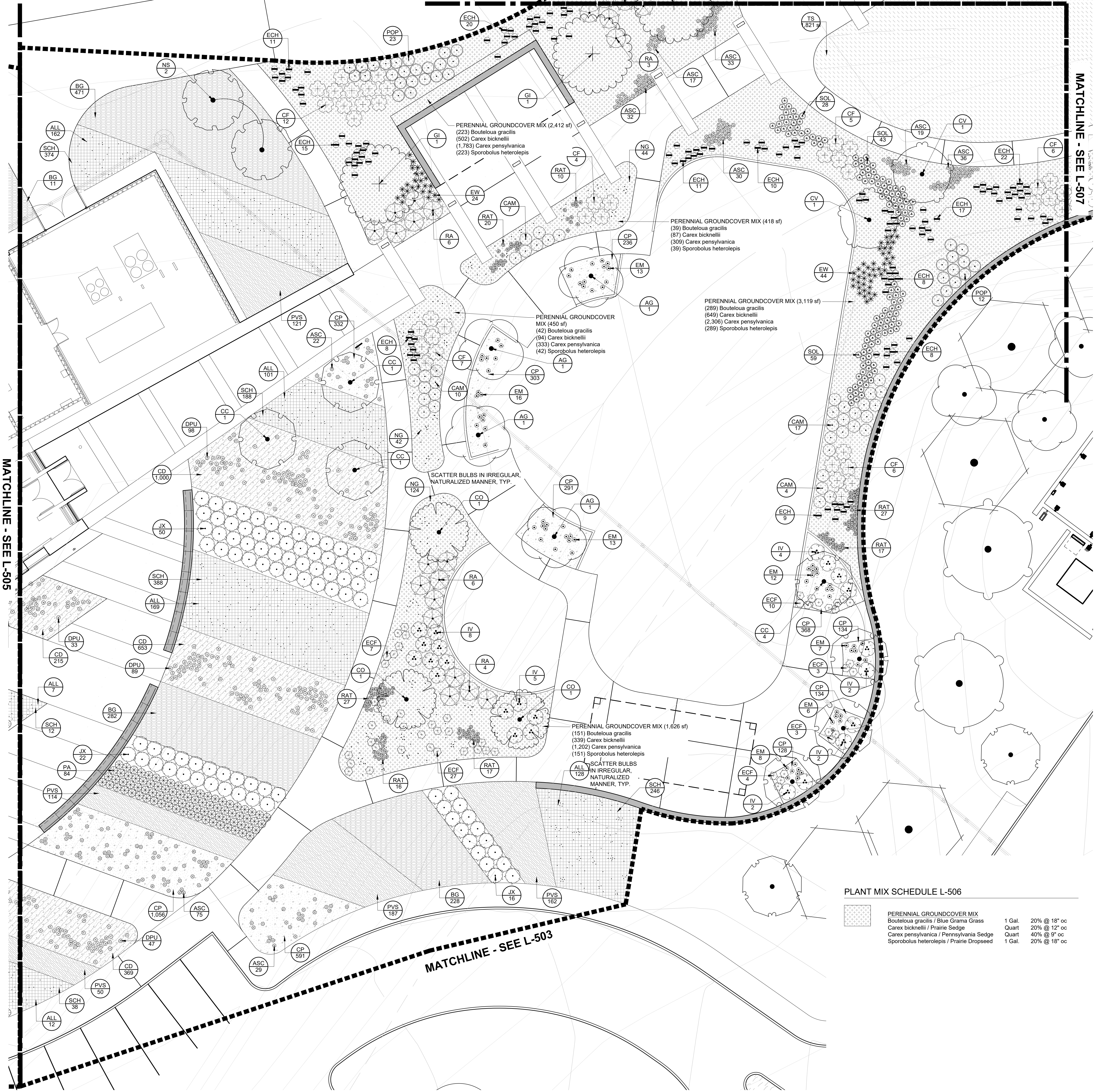
PUBLIC WORKS PROJECT NO. 84003001-22-058-C1
 REST AREA
 INDIANA



STATE OF INDIANA
 DEPARTMENT OF ADMINISTRATION
PUBLIC WORKS DIVISION
 ROOM 4425 INDIANA GOVERNMENT CENTER SOUTH
 402 WEST WASHINGTON STREET
 INDIANAPOLIS, INDIANA 46204
 317-232-3000

Revisions:

Project Number:	84003001-22-058-C1
Requisition Number:	REST AREA
Account Number:	
Designer:	RATIO
Drawing Date:	2023/02/23
Drafter:	
Drawing Scale:	
DAPW Approval:	
Client Approval:	
Reference Number:	1364
Building Reference:	
Sheet Name:	PLANTING PLAN
Drawing Number:	L-505



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PLANT SCHEDULE L-506

TREES			
CODE	BOTANICAL / COMMON NAME	SIZE	REMARKS
AG	Amelanchier x grandiflora 'Autumn Brilliance' Autumn Brilliance Serviceberry	2" Cal.	
CC	Cercis canadensis Eastern Redbud	2" Cal.	
CV	Chionanthus virginicus White Fringetree	2" Cal.	
CO	Cotinus obovatus American Smoke Tree	3" Cal.	
GI	Gleditsia triacanthos inermis 'Skycole' Skyline® Honey Locust	3" Cal.	
NS	Nyssa sylvatica Tupelo	3" Cal.	
SHRUBS			
CODE	BOTANICAL / COMMON NAME	SIZE	REMARKS
CAM	Ceanothus americanus New Jersey Tea	24", 5 Gal.	36" o.c.
CF	Cornus stolonifera 'Flaviramea' Yellow Twig Dogwood	36", 5 Gal.	48" o.c.
IV	Itea virginica 'Henry's Garnet' Henry's Garnet Sweetgum	36", 5 Gal.	48" o.c.
JX	Juniperus x 'Grey Owl' Grey Owl Juniper	24" W, 5 Gal.	48" o.c.
POP	Physocarpus opulifolius 'Bert Dart's G' Festivus Gold® Ninebark	36", 5 Gal.	36" o.c.
RA	Rhus aromatica 'Gro-Low' Gro-Low Fragrant Sumac	12", 3 Gal.	60" o.c.
PERENNIALS			
CODE	BOTANICAL / COMMON NAME	SIZE	REMARKS
ASC	Asclepias tuberosa Butterfly Milkweed	1 Gal.	12" o.c.
DPU	Dalea purpurea Purple Prairie Clover	1 Gal.	12" o.c.
ECH	Echinacea purpurea Coneflower	1 Gal.	18" o.c.
EW	Echinacea purpurea 'White Swan' White Swan Coneflower	1 Gal.	18" o.c.
ECF	Echinacea x 'Flame Thrower' Flame Thrower Coneflower	1 Gal.	24" o.c.
EM	Eurybia macrophylla Bigleaf Aster	1 Gal.	12" o.c.
RAT	Ratibida pinnata Yellow Coneflower	1 Gal.	12" o.c.
SEASONAL COLOR			
CODE	BOTANICAL / COMMON NAME	SIZE	REMARKS
ALL	Allium x 'Purple Sensation' Purple Sensation Ornamental Onion	Bulb	8" minimum o.c.
NG	Narcissus bulbocodium 'Golden Belts' Golden Belts Daffodil	Bulb	4" and 12" o.c.
STRUCTURAL PERENNIAL			
CODE	BOTANICAL / COMMON NAME	SIZE	REMARKS
PA	Perovskia atriplicifolia Russian Sage	1 Gal.	24" o.c.
SOL	Solidago rugosa 'Fireworks' Fireworks Winkleleaf Goldenrod	1 Gal.	18" o.c.
GROUND COVERS			
CODE	BOTANICAL / COMMON NAME	SIZE	REMARKS
TS	Turf Sod Tall Fescue (RTF)	N/A	
GRAMINOIDS			
CODE	BOTANICAL / COMMON NAME	SIZE	REMARKS
BG	Bouteloua gracilis Blue Grama Grass	1 Gal.	18" o.c.
CD	Carex divisa European Grey Sedge	Quart	12" o.c.
CP	Carex pensylvanica Pennsylvania Sedge	Quart	9" o.c.
PVS	Panicum virgatum 'Shenandoah' Shenandoah Switch Grass	1 Gal.	18" o.c.
SCH	Schizachyrium scoparium Little Bluestem	1 Gal.	18" o.c.

PLANT MIX SCHEDULE L-506

PERENNIAL GROUNDCOVER MIX	Bouteloua gracilis / Blue Grama Grass	1 Gal.	20% @ 18" oc
	Carex bicknellii / Prairie Sedge	Quart	20% @ 12" oc
	Carex pensylvanica / Pennsylvania Sedge	Quart	40% @ 9" oc
	Sporobolus heterolepis / Prairie Dropseed	1 Gal.	20% @ 18" oc

01 PLANTING PLAN SCALE 0' 5' 10' 20'

Date: 02/23/2023
 User: jsp
 Project: 84003001-22-058-C1
 Drawing: PLANTING PLAN
 Scale: 1" = 10'-0"
 Author: J. Spang
 Date: 02/23/2023
 Project: 84003001-22-058-C1
 Drawing: PLANTING PLAN
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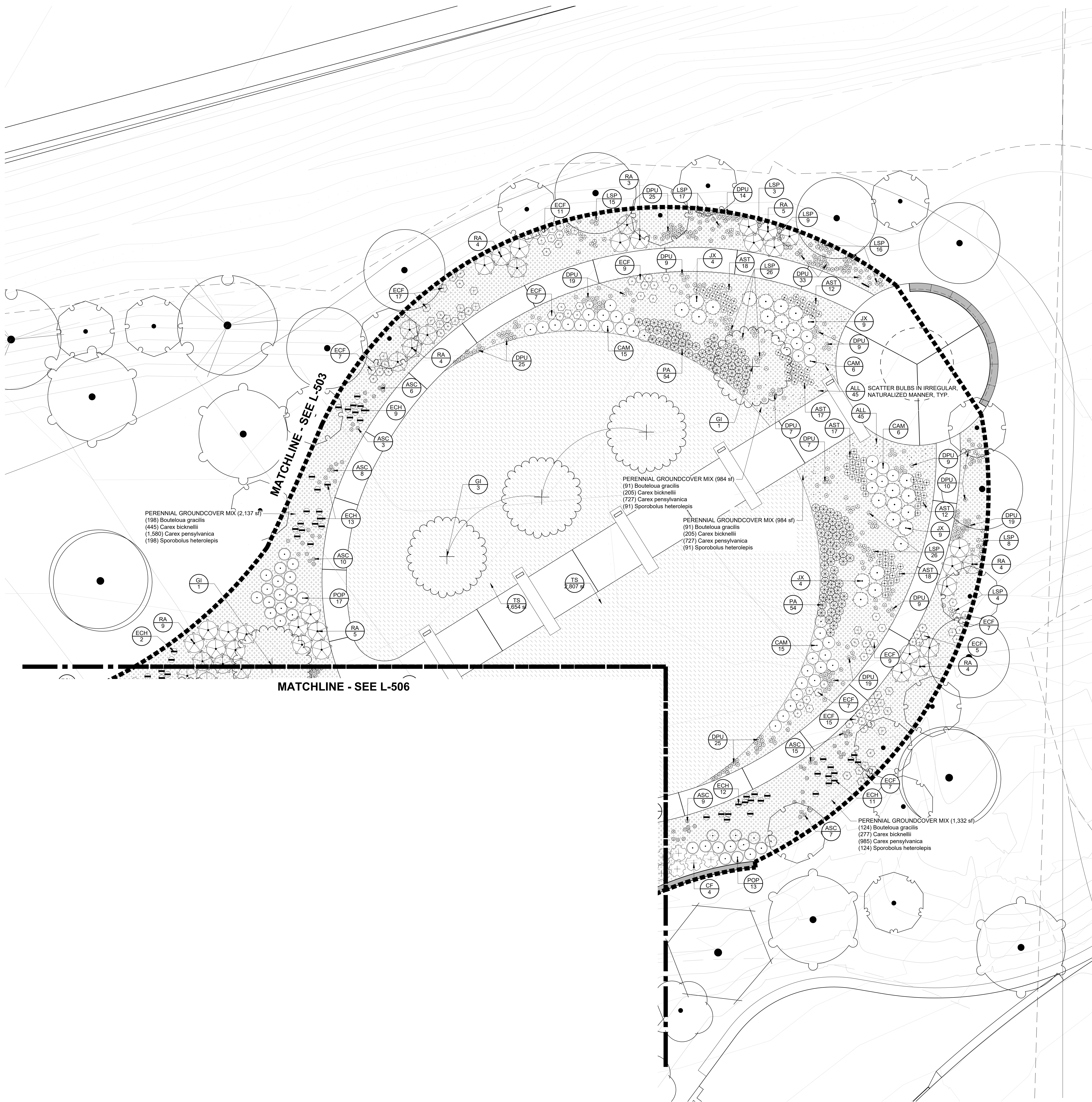
JSE
 JANSSEN & SPANGS ENGINEERING
 900 Harrison Park Court
 Indianapolis, Indiana 46216
 Phone: (317) 254-9999 Fax: (317) 259-8992

RATIO
 LANDSCAPE ARCHITECTURE
 101 S. Pennsylvania St.
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 www.ratioland.com

PUBLIC WORKS PROJECT NO. 84003001-22-058-C1
 REST AREA
 INDIANA

STATE OF INDIANA
 DEPARTMENT OF ADMINISTRATION
PUBLIC WORKS DIVISION
 ROOM 9425 INDIANA GOVERNMENT CENTER SOUTH
 402 WEST WASHINGTON STREET
 INDIANAPOLIS, INDIANA 46204
 317.232.3000

Project Number: 84003001-22-058-C1
 Requisition Number: REST AREA
 Account Number: -
 Designer: RATIO Drawing Date: 2023/02/23
 Drafter: - Drawing Scale: -
 DAPW Approval: -
 Client Approval: -
 Reference Number: 1364
 Building Reference: -
 Sheet Name: PLANTING PLAN
 Drawing Number: L-506



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PLANT SCHEDULE L-507

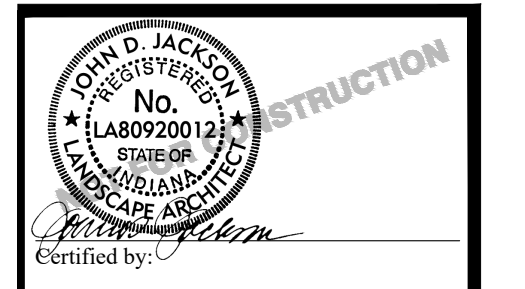
TREES	CODE	BOTANICAL / COMMON NAME	SIZE	REMARKS
	GI	Gleditsia tricanthos inermis 'Skycole' Skyline® Honey Locust	3" Cal.	
SHRUBS	CODE	BOTANICAL / COMMON NAME	SIZE	REMARKS
	CAM	Ceanothus americanus New Jersey Tea	24", 5 Gal	36" o.c.
	CF	Cornus stolonifera 'Flaviramea' Yellow Twig Dogwood	36", 5 Gal.	48" o.c.
	JX	Juniperus x 'Grey Owl' Grey Owl Juniper	24" W, 5 Gal.	48" o.c.
	POP	Physocarpus opulifolius 'Bert Darts G' Festivus Gold® Ninebark	36", 5 Gal.	36" o.c.
	RA	Rhus aromatica 'Gro-Low' Gro-Low Fragrant Sumac	12", 3 Gal.	60" o.c.
PERENNIALS	CODE	BOTANICAL / COMMON NAME	SIZE	REMARKS
	ASC	Asclepias tuberosa Butterfly Milkweed	1 Gal.	12" o.c.
	AST	Aster novae-angliae 'Purple Dome' Purple Dome New England Aster	1 Gal.	18" o.c.
	DPU	Dalea purpurea Purple Prairie Clover	1 Gal.	12" o.c.
	ECH	Echinacea purpurea Coneflower	1 Gal.	18" o.c.
	ECF	Echinacea x 'Flame Thrower' Flame Thrower Coneflower	1 Gal.	24" o.c.
	LSP	Liatris spicata Blazing Star	1 Gal.	12" o.c.
SEASONAL COLOR	CODE	BOTANICAL / COMMON NAME	SIZE	REMARKS
	ALL	Allium x 'Purple Sensation' Purple Sensation Ornamental Onion	Bulb	8" minimum o.c.
STRUCTURAL PERENNIAL	CODE	BOTANICAL / COMMON NAME	SIZE	REMARKS
	PA	Perovskia atriplicifolia Russian Sage	1 Gal.	24" o.c.
GROUND COVERS	CODE	BOTANICAL / COMMON NAME	SIZE	REMARKS
	TS	Turf Sod Tall Fescue (RTF)	N/A	

PLANT MIX SCHEDULE L-507

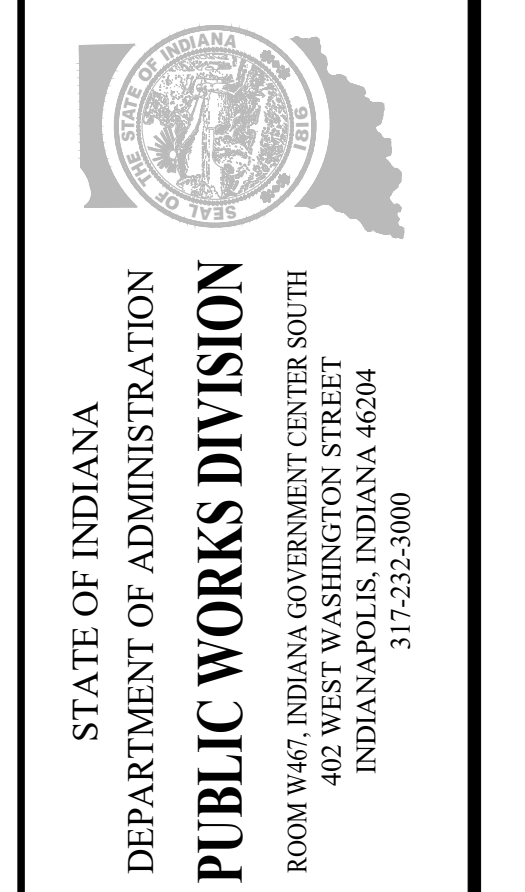
	PERENNIAL GROUNDCOVER MIX		
	Bouteloua gracilis / Blue Grama Grass	1 Gal.	20% @ 18" oc
	Carex bicknellii / Prairie Sedge	Quart	20% @ 12" oc
	Carex pensylvanica / Pennsylvania Sedge	Quart	40% @ 8" oc
	Sporobolus heterolepis / Prairie Dropseed	1 Gal.	20% @ 18" oc

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01 PLANTING PLAN
 SCALE 0 5' 10' 20'



PUBLIC WORKS PROJECT NO. 84003001-22-058-C1
REST AREA
INDIANA



Project Number:	84003001-22-058-C1
Requisition Number:	REST AREA
Account Number:	
Designer:	RATIO
Drawing Date:	2023/02/23
Drafter:	
Drawing Scale:	
DAPW Approval:	
Client Approval:	
Reference Number:	1364
Building Reference:	
Sheet Name:	PLANTING PLAN
Drawing Number:	L-507

PLANT SCHEDULE (TOTAL)

Table with columns: TREES, CODE, BOTANICAL / COMMON NAME, SIZE, QTY, REMARKS. Lists various tree species like Acer buergerianum, Amelanchier x grandiflora, etc.

GROUND COVERS

Table with columns: CODE, BOTANICAL / COMMON NAME, SIZE, QTY, REMARKS. Lists ground cover species like Turf Sod, Carex bicknellii, etc.

PLANT MIX SCHEDULE (TOTAL)

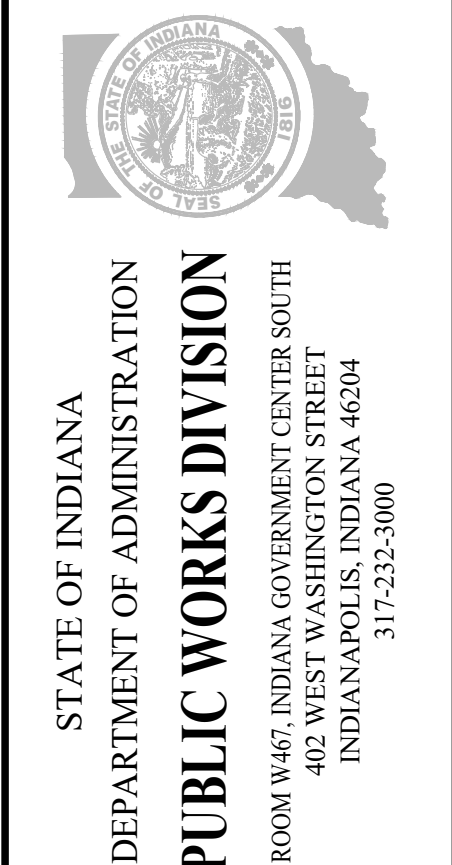
Table with columns: MIX TYPE, BOTANICAL / COMMON NAME, SIZE, QTY, REMARKS. Lists various plant mix categories like PERENNIAL GROUND COVER MIX, ORNAMENTAL PRAIRIE MIX, etc.

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REST AREA
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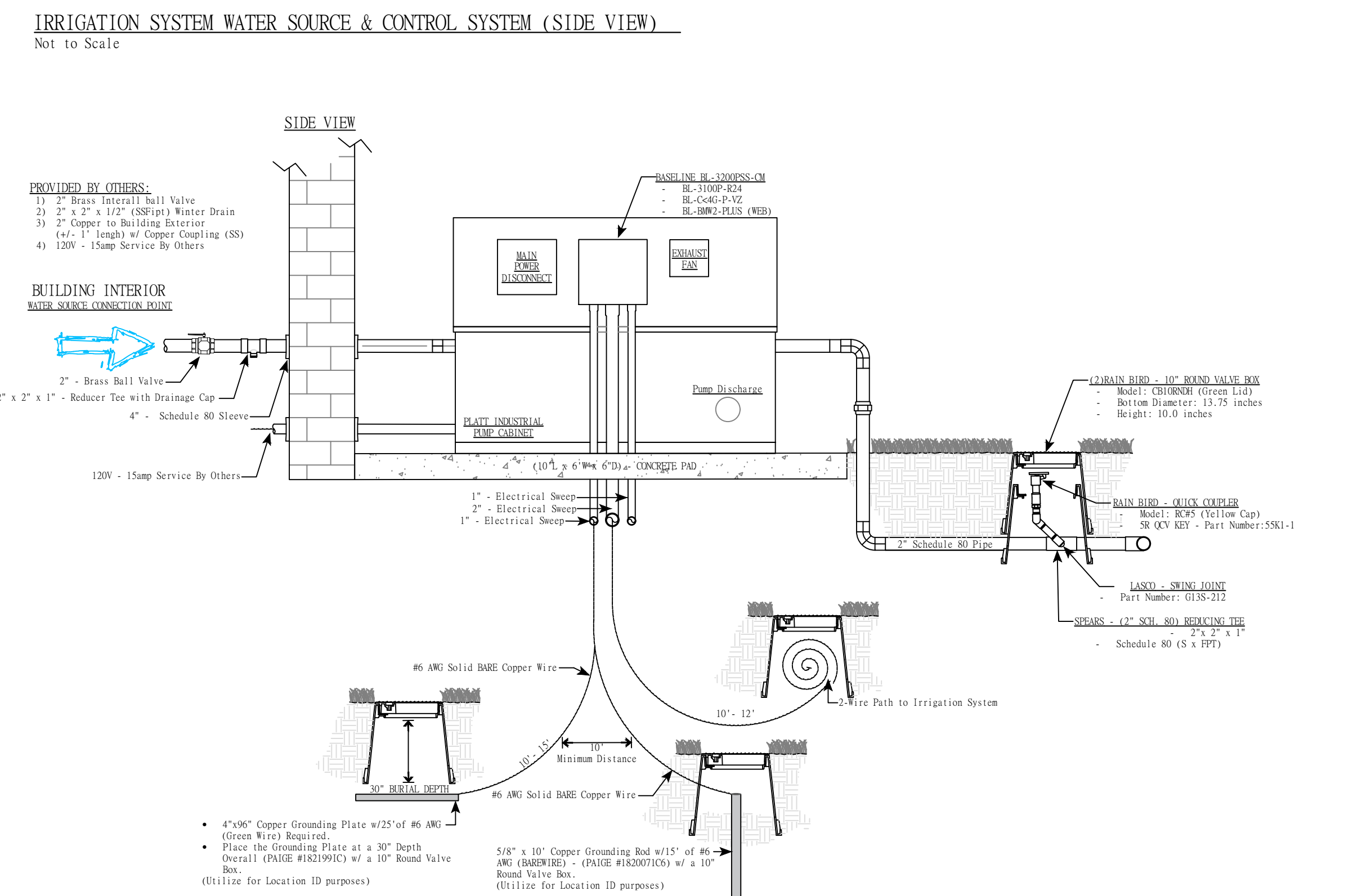
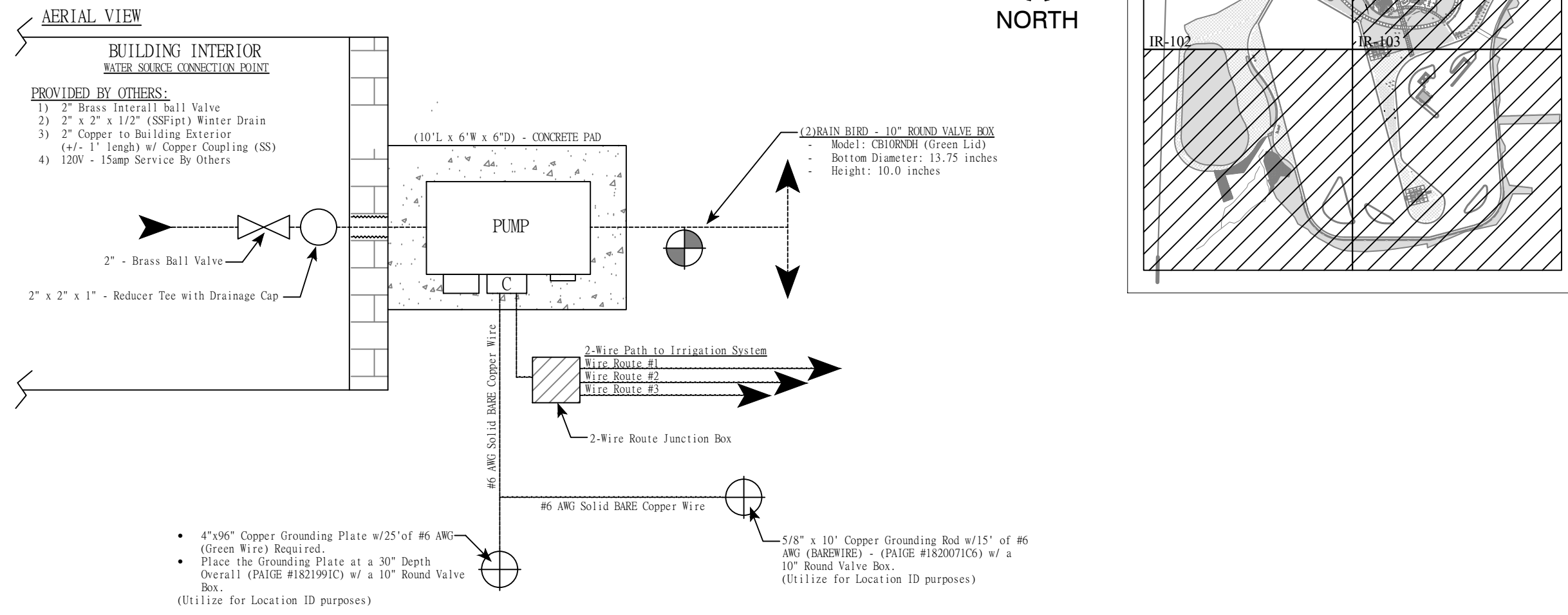
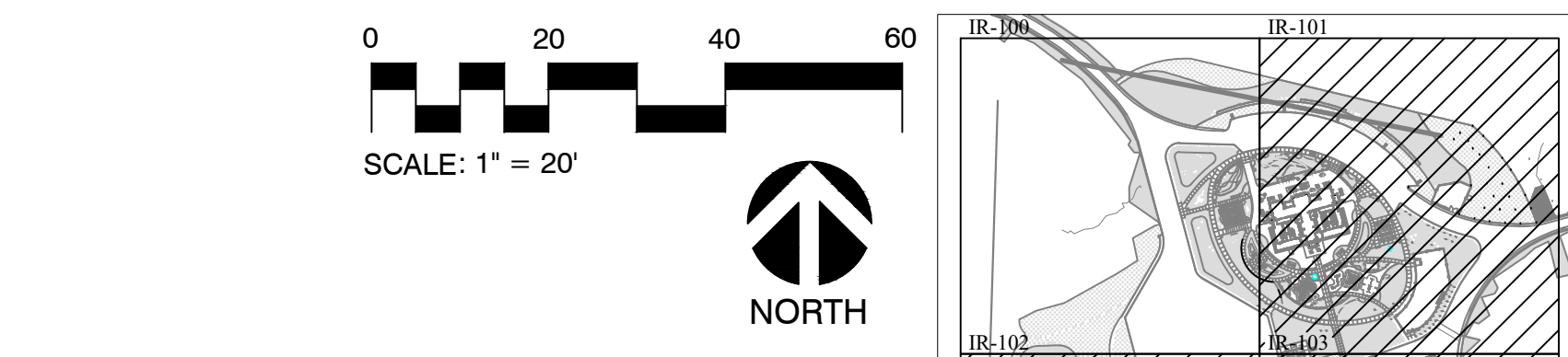


Revisions:
BID SET 2023/02/08

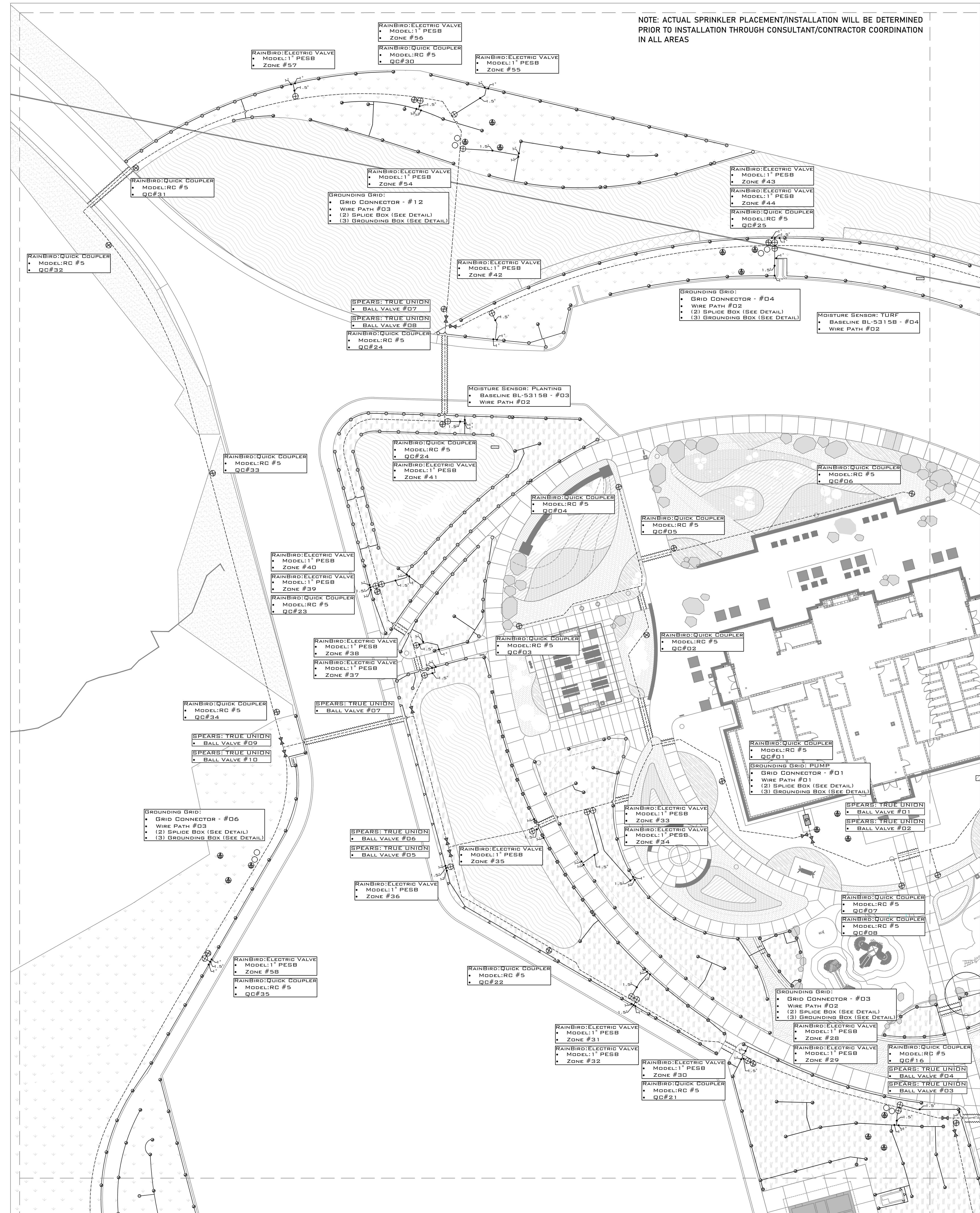
Project Number: 84003001-22-058-C1
Requisition Number: REST AREA
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Drawing Date: 2023/02/23
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DAPW Approval:
Client Approval:
Reference Number: 1364
Building Reference:
Sheet Name: PLANT SCHEDULE
Drawing Number: L-508

BLACK RIVER
Technical Legend:

- MID-RANGE ROTATOR SPRINKLERS**
 - Hunter MP-Rotary Nozzle (Corner Rotary) installed with Rain Bird 1806 SAM PRS 45
 - Hunter MP-Rotary Nozzle (Series 2000) installed with Rain Bird 1806 SAM PRS 45
 - Hunter MP-Rotary Nozzle (Series 3000) installed with Rain Bird 1806 SAM PRS 45
 - See Related Detail for full installation requirements.
- SHORT RANGE ROTATOR SPRINKLERS**
 - Hunter MP-Rotary Nozzle (Series 1000) installed with Rain Bird 1806 SAM PRS 45
 - Hunter MP-Rotary Nozzle (Series 800) installed with Rain Bird 1806 SAM PRS 45
 - Hunter MP-Rotary Nozzle (Strips) installed with Rain Bird 1806 SAM PRS 45
 - Full Strip (shaded), Corner Strip (non shaded)
- ELECTRIC VALVES**
 - Rain Bird PESB 1"
 - See Related Detail for full installation requirements.
 - Rain Bird XCZ-100-PRB-MC Medium Commercial Control Zone Kit
 - See Related Detail for full installation requirements.
- ISOLATION VALVES**
 - SPEARS True Union Ball Valves - 2" is required
 - See Related Detail for full installation requirements.
- QUICK COUPLERS**
 - Rain Bird # 5 RC Quick Coupler
 - See Related Detail for full installation requirements.
- MOISTURE SENSORS**
 - BASELINE BL-5315B Soil Moisture Sensor
 - Locations for installation noted on the design provided.
 - See Related Detail for full installation requirements.
- GROUNDING GRIDS**
 - Grounding and Surge Protection Grids/Requirements-2 Wire Path
 - See Related Detail for full installation requirements.
- PVC PIPE**
 - Class 200-SDR-21 Rated Pipe for all 2" mainlines.
 - Class 200-SDR-21 Rated Pipe for all laterals.
 - See Related Detail for full installation requirements.
- SLEEVING**
 - 4" & 2" Sleeve
 - See Related Detail for full installation requirements.
- WATER SOURCE**
 - Pump Station



IRRIGATION SYSTEM WATER SOURCE & CONTROL SYSTEM (SIDE VIEW)
 Not to Scale



NOTE: ACTUAL SPRINKLER PLACEMENT/INSTALLATION WILL BE DETERMINED PRIOR TO INSTALLATION THROUGH CONSULTANT/CONTRACTOR COORDINATION IN ALL AREAS

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PUBLIC WORKS PROJECT NO. 65002001-22-059-C1
 REST AREA
 INDIANA

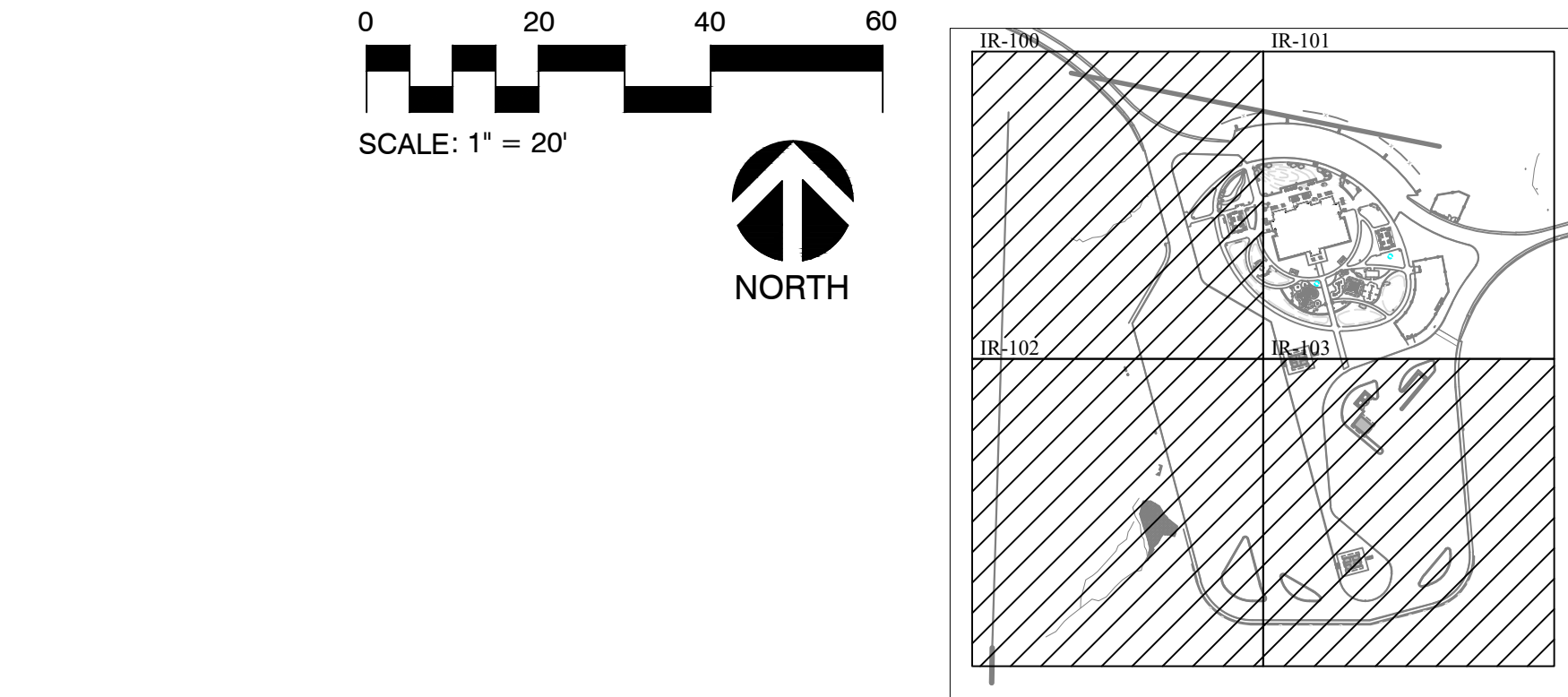
STATE OF INDIANA
 DEPARTMENT OF ADMINISTRATION
PUBLIC WORKS DIVISION
 ROOM 1001 INDIAN GOVERNMENT CENTER SOUTH
 INDIANAPOLIS, INDIANA 46204
 317.232-3000

Revisions:

Project Number:	65002001-22-059-C1
Requestion Number:	REST AREA
Account Number:	
Designer:	DDC
Drawing Date:	02/16/2023
Drawer:	
Drawing Scale:	1"=20'
DAMP Approval:	
Client Approval:	
Reference Number:	1363
Building Reference:	
Sheet Name:	IRRIGATION SYSTEMS & INFRASTRUCTURE
Drawing Number:	IR.100

BLACK RIVER
Technical Legend:

- MID-RANGE ROTATOR SPRINKLERS**
 - Hunter MP-Rotary Nozzle (Corner Rotary) installed with Rain Bird 1806 SAM PRS 45
 - Hunter MP-Rotary Nozzle (Series 2000) installed with Rain Bird 1806 SAM PRS 45
 - Hunter MP-Rotary Nozzle (Series 3000) installed with Rain Bird 1806 SAM PRS 45
 - See Related Detail for full installation requirements.
- SHORT RANGE ROTATOR SPRINKLERS**
 - Hunter MP-Rotary Nozzle (Series 1000) installed with Rain Bird 1806 SAM PRS 45
 - Hunter MP-Rotary Nozzle (Series 800) installed with Rain Bird 1806 SAM PRS 45
 - Hunter MP-Rotary Nozzle (Strips) installed with Rain Bird 1806 SAM PRS 45
 - Full Strip (shaded), Corner Strip (non shaded)
- ELECTRIC VALVES**
 - Rain Bird PESB 1"
 - See Related Detail for full installation requirements.
 - Rain Bird XCZ-100-PRB-MC Medium Commercial Control Zone Kit
 - See Related Detail for full installation requirements.
- ISOLATION VALVES**
 - SPEARS True Union Ball Valves - 2" is required
 - See Related Detail for full installation requirements.
- QUICK COUPLERS**
 - Rain Bird # 5 RC Quick Coupler
 - See Related Detail for full installation requirements.
- MOISTURE SENSORS**
 - BASELINE BL-5315B Soil Moisture Sensor
 - Locations for installation noted on the design provided.
 - See Related Detail for full installation requirements.
- GROUNDING GRIDS**
 - Grounding and Surge Protection Grids/Requirements-2 Wire Path
 - See Related Detail for full installation requirements.
- PVC PIPE**
 - Class 200-SDR-21 Rated Pipe for all 2" mainlines.
 - Class 200-SDR-21 Rated Pipe for all laterals.
 - See Related Detail for full installation requirements.
- SLEEVING**
 - 4" & 2" Sleeve
 - See Related Detail for full installation requirements.



NOTE: ACTUAL SPRINKLER PLACEMENT/INSTALLATION WILL BE DETERMINED PRIOR TO INSTALLATION THROUGH CONSULTANT/CONTRACTOR COORDINATION IN ALL AREAS



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PUBLIC WORKS PROJECT NO. 65002001-22-059-C1
 REST AREA
 INDIANA

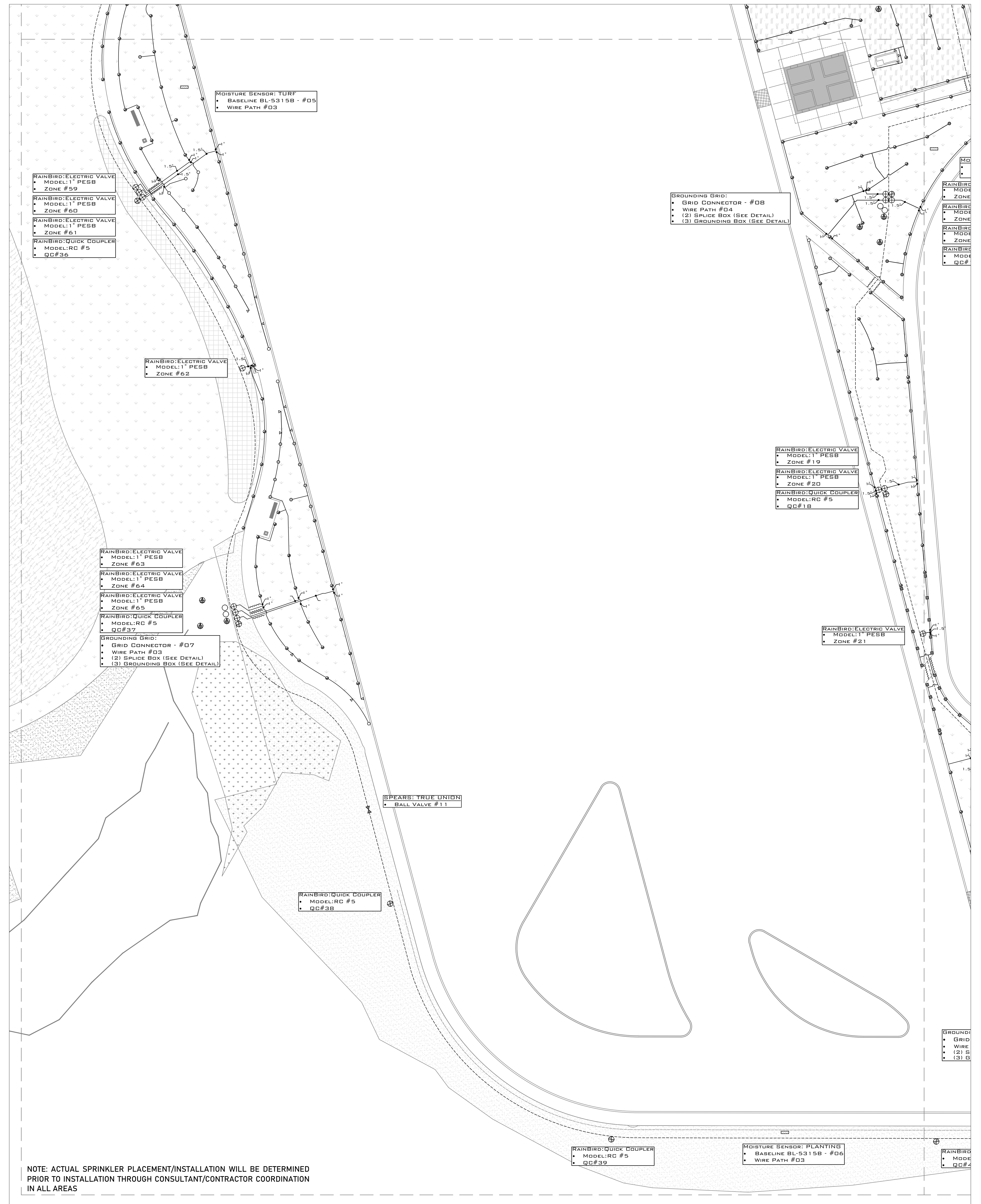
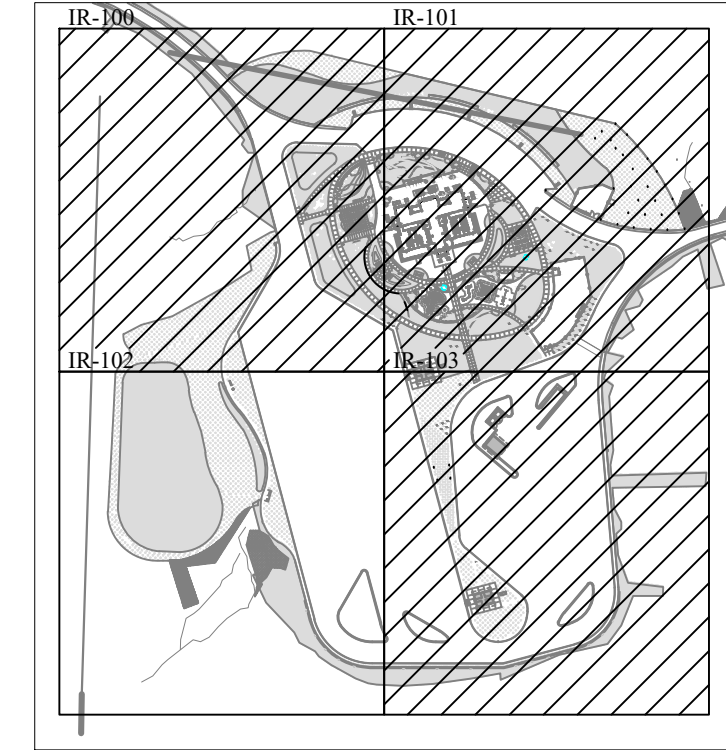
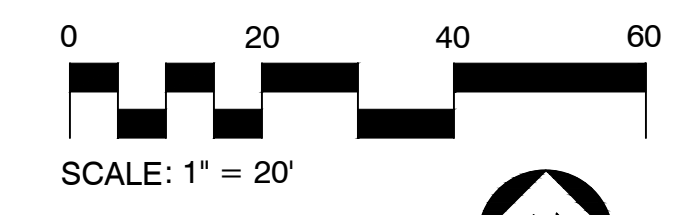
STATE OF INDIANA
 DEPARTMENT OF ADMINISTRATION
PUBLIC WORKS DIVISION
 ROOM 1001, INDIANA GOVERNMENT CENTER SOUTH
 400 W. WASHINGTON STREET
 INDIANAPOLIS, INDIANA 46204
 317.232.3000

Revisions:

Project Number:	65002001-22-059-C1
Requisition Number:	REST AREA
Account Number:	
Designer:	DDC
Drawing Date:	02/16/2023
Drawer:	
Drawing Scale:	1"=20'
DAPW Approval:	
Client Approval:	
Reference Number:	1363
Building Reference:	
Sheet Name:	IRRIGATION SYSTEMS & INFRASTRUCTURE
Drawing Number:	IR.101

BLACK RIVER
Technical Legend:

- MID-RANGE ROTATOR SPRINKLERS**
 - Hunter MP-Rotary Nozzle (Corner Rotary) installed with Rain Bird 1806 SAM PRS 45
 - Hunter MP-Rotary Nozzle (Series 2000) installed with Rain Bird 1806 SAM PRS 45
 - Hunter MP-Rotary Nozzle (Series 3000) installed with Rain Bird 1806 SAM PRS 45
 - See Related Detail for full installation requirements.
- SHORT RANGE ROTATOR SPRINKLERS**
 - Hunter MP-Rotary Nozzle (Series 1000) installed with Rain Bird 1806 SAM PRS 45
 - Hunter MP-Rotary Nozzle (Series 800) installed with Rain Bird 1806 SAM PRS 45
 - Hunter MP-Rotary Nozzle (Strips) installed with Rain Bird 1806 SAM PRS 45
 - Full Strip (shaded), Corner Strip (non shaded)
- ELECTRIC VALVES**
 - Rain Bird PESB 1"
 - See Related Detail for full installation requirements.
 - Rain Bird XEZ-100-PRB-MC Medium Commercial Control Zone Kit
 - See Related Detail for full installation requirements.
- ISOLATION VALVES**
 - SPEARS True Union Ball Valves - 2" is required
 - See Related Detail for full installation requirements.
- QUICK COUPLERS**
 - Rain Bird # 5 RC Quick Coupler
 - See Related Detail for full installation requirements.
- MOISTURE SENSORS**
 - BASELINE BL-5315B Soil Moisture Sensor
 - Locations for installation noted on the design provided.
 - See Related Detail for full installation requirements.
- GROUNDING GRIDS**
 - Grounding and Surge Protection Grids/Requirements-2 Wire Path
 - See Related Detail for full installation requirements.
- PVC PIPE**
 - Class 200-SDR-21 Rated Pipe for all 2" mainlines.
 - Class 200-SDR-21 Rated Pipe for all laterals.
 - See Related Detail for full installation requirements.
- SLEEVING**
 - 4" & 2" Sleeve
 - See Related Detail for full installation requirements.



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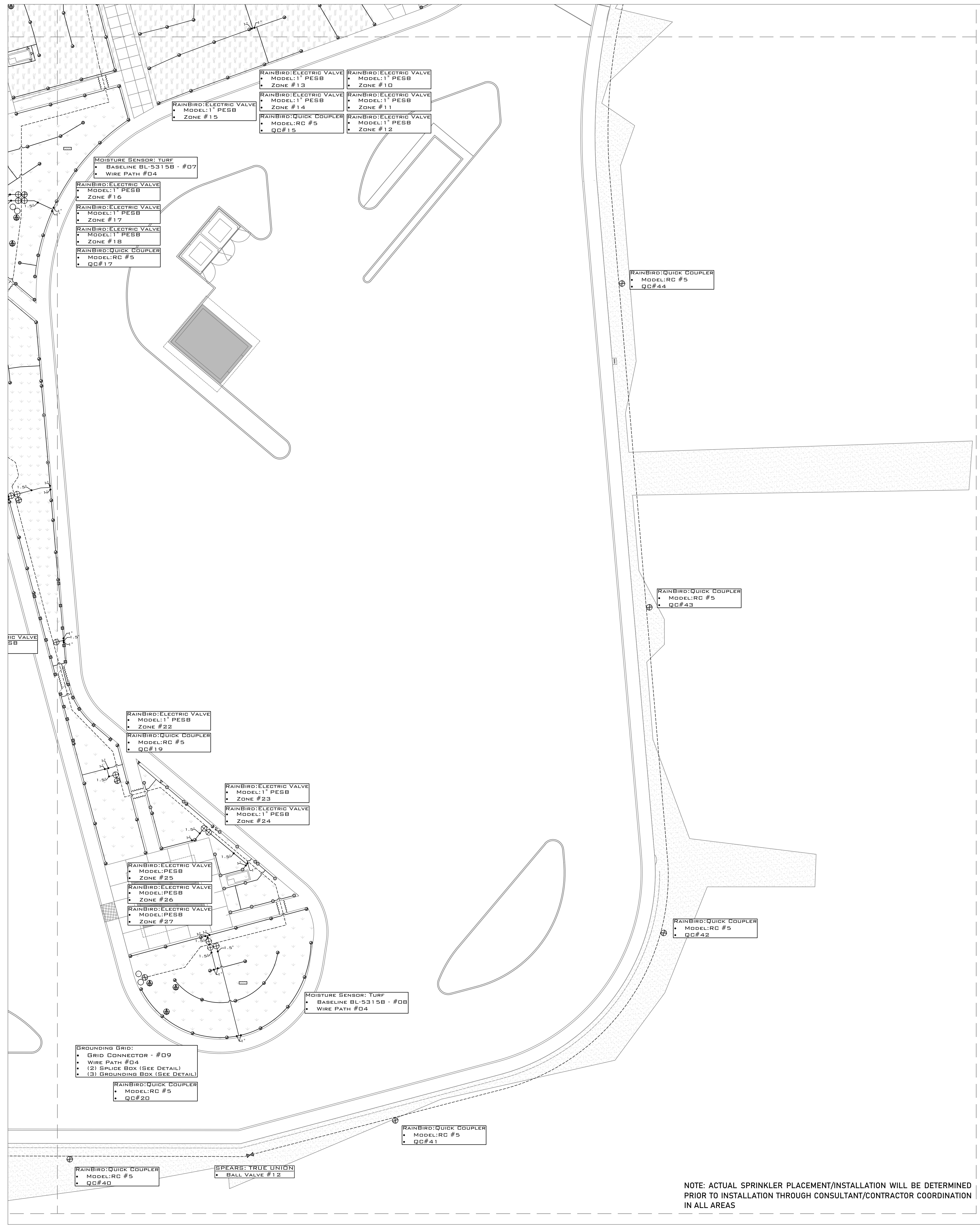
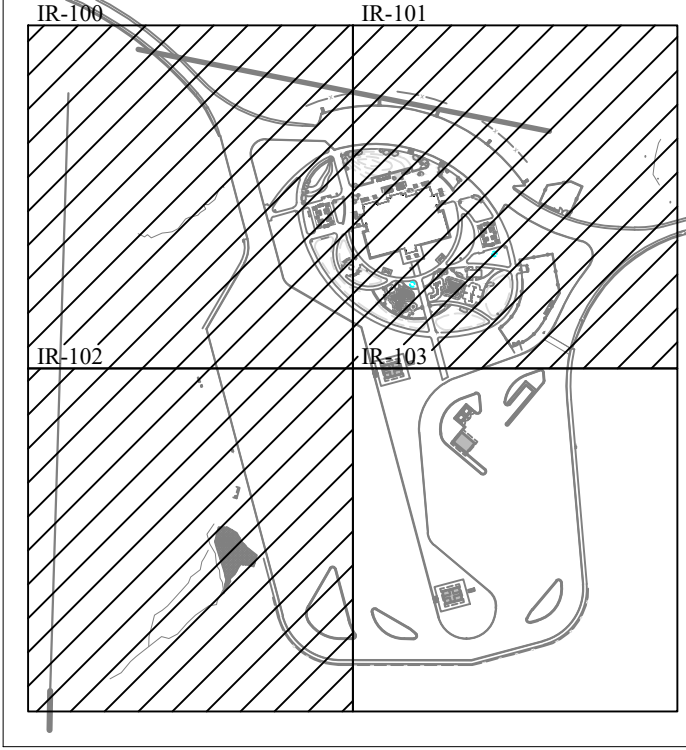
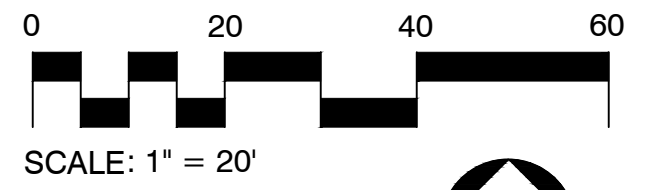
PUBLIC WORKS PROJECT NO. 65002001-22-059-C1
 REST AREA
 INDIANA

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 DEPARTMENT OF ADMINISTRATION
PUBLIC WORKS DIVISION
 ROOM 3401, INDIANAPOLIS GOVERNMENT CENTER SOUTH
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 317-232-3000

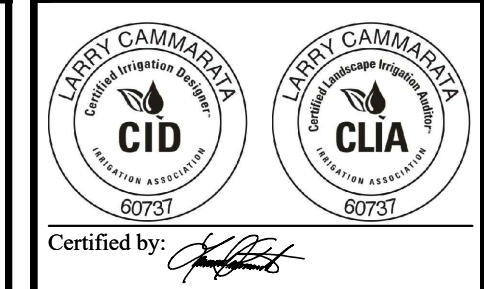
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Requestion Number: REST AREA	
Account Number: -	
Designer: DDC	Drawing Date: 02/16/2023
Drafter: -	Drawing Scale: 1"=20'
DAPW Approval: _____	
Client Approval: _____	
Reference Number: 1363	
Building Reference: -	
Sheet Name: IRRIGATION SYSTEMS & INFRASTRUCTURE	
Drawing Number: IR.102	

BLACK RIVER
Technical Legend:

- MID-RANGE ROTATOR SPRINKLERS
 - Hunter MP-Rotary Nozzle (Corner Rotary) installed with Rain Bird 1806 SAM PRS 45
 - Hunter MP-Rotary Nozzle (Series 2000) installed with Rain Bird 1806 SAM PRS 45
 - Hunter MP-Rotary Nozzle (Series 3000) installed with Rain Bird 1806 SAM PRS 45
 - See Related Detail for full installation requirements.
- SHORT RANGE ROTATOR SPRINKLERS
 - Hunter MP-Rotary Nozzle (Series 1000) installed with Rain Bird 1806 SAM PRS 45
 - Hunter MP-Rotary Nozzle (Series 8000) installed with Rain Bird 1806 SAM PRS 45
 - Hunter MP-Rotary Nozzle (Strips) installed with Rain Bird 1806 SAM PRS 45
 - Full Strip (shaded), Corner Strip (non shaded)
- ⊕ ELECTRIC VALVES
 - Rain Bird PESB 1"
 - See Related Detail for full installation requirements.
 - Rain Bird XCZ-100-PRB-MC Medium Commercial Control Zone Kit
 - See Related Detail for full installation requirements.
- ⊗ ISOLATION VALVES
 - SPEARS True Union Ball Valves - 2" is required
 - See Related Detail for full installation requirements.
- ⊕ QUICK COUPLERS
 - Rain Bird # 5 RC Quick Coupler
 - See Related Detail for full installation requirements.
- MOISTURE SENSORS
 - BASELINE BL-5315B Soil Moisture Sensor
 - Locations for installation noted on the design provided.
 - See Related Detail for full installation requirements.
- GROUNDING GRIDS
 - Grounding and Surge Protection Grids/Requirements-2 Wire Path
 - See Related Detail for full installation requirements.
- PVC PIPE
 - Class 200-SDR-21 Rated Pipe for all 2" mainlines.
 - Class 200-SDR-21 Rated Pipe for all laterals.
 - See Related Detail for full installation requirements.
- SLEEVING
 - 4" & 2" Sleeve
 - See Related Detail for full installation requirements.



NOTE: ACTUAL SPRINKLER PLACEMENT/INSTALLATION WILL BE DETERMINED PRIOR TO INSTALLATION THROUGH CONSULTANT/CONTRACTOR COORDINATION IN ALL AREAS



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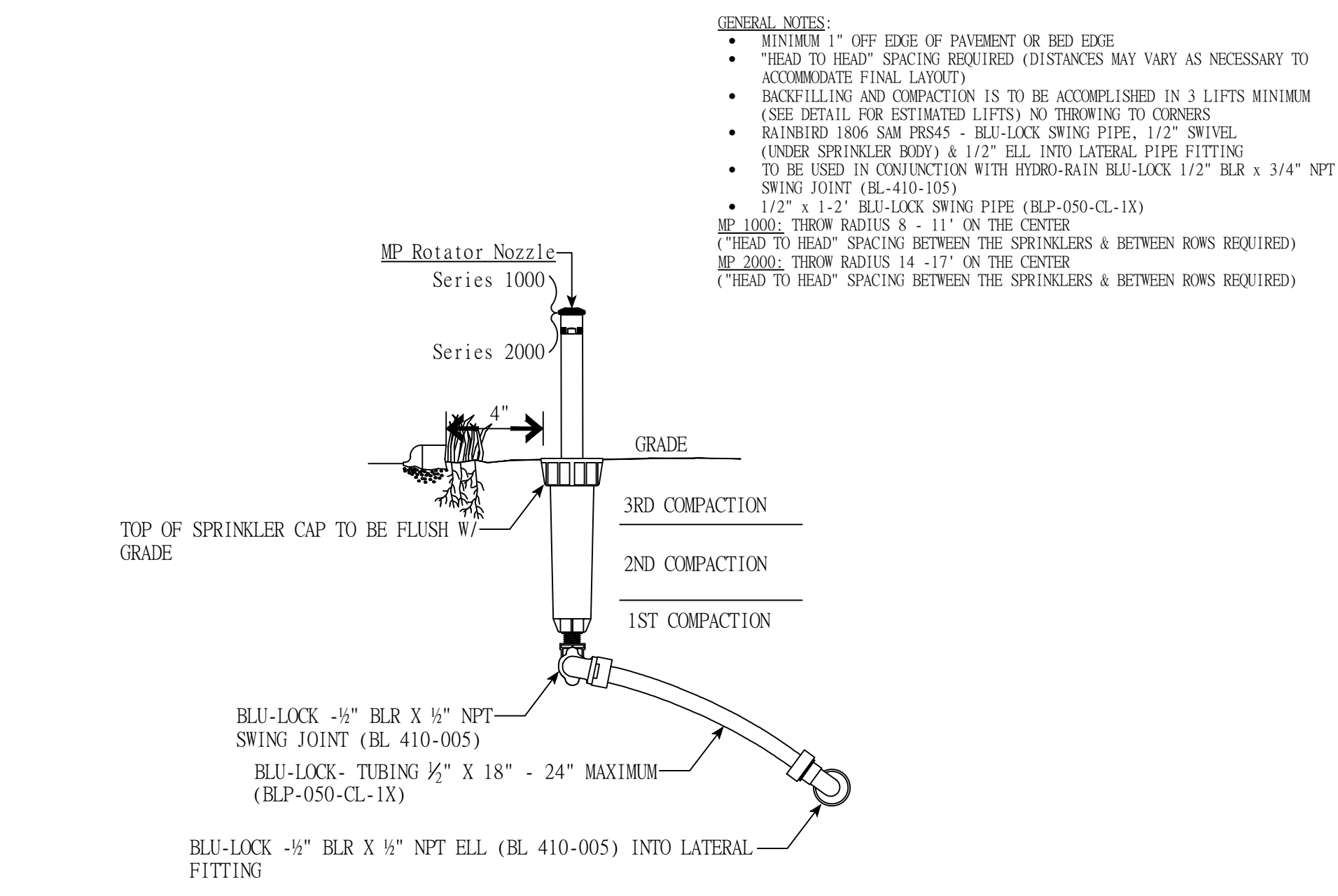
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PUBLIC WORKS PROJECT NO. 65002001-22-059-C1
 REST AREA
 INDIANA

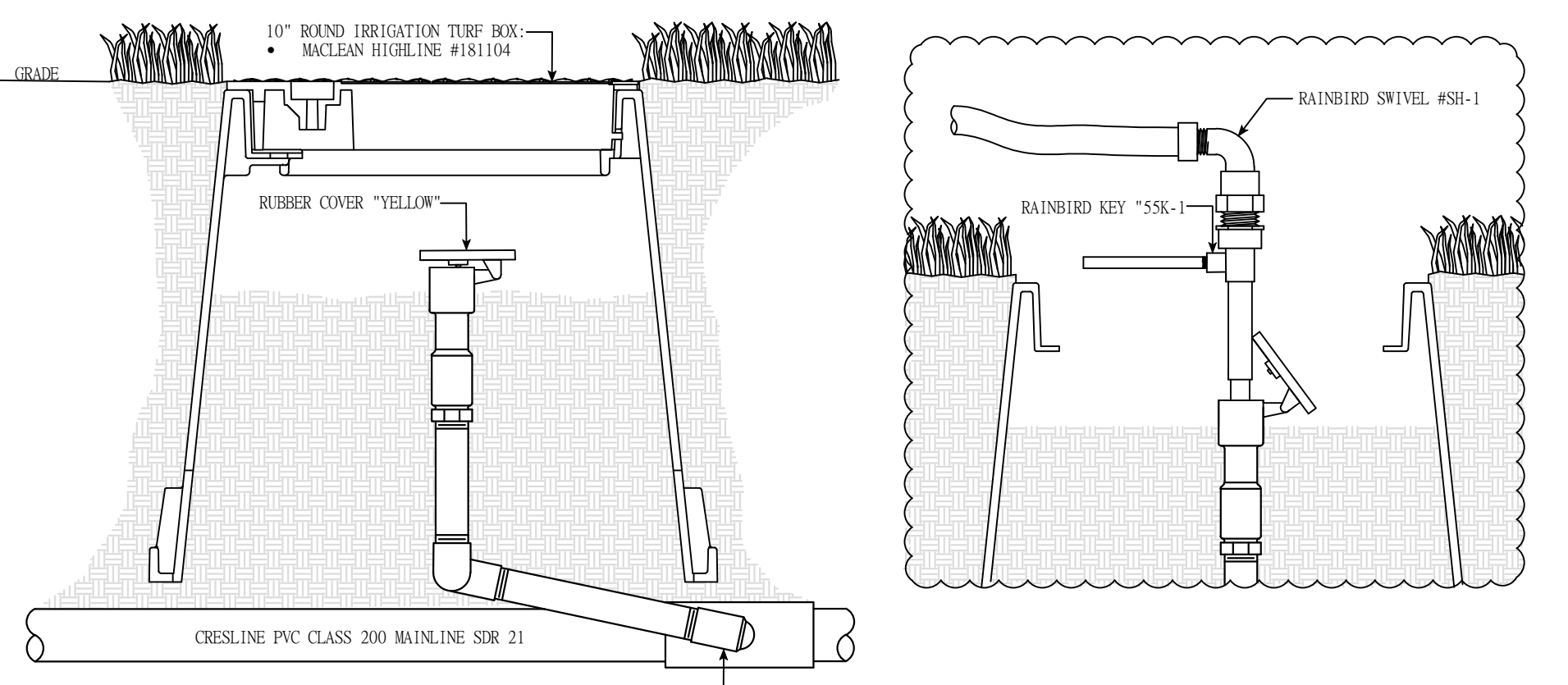
STATE OF INDIANA
 DEPARTMENT OF ADMINISTRATION
PUBLIC WORKS DIVISION
 ROOM 3401, INDIANA GOVERNMENT CENTER SOUTH
 400 W. MARKET STREET
 INDIANAPOLIS, INDIANA 46204
 317-232-3000

Project Number:	65002001-22-059-C1
Requisition Number:	REST AREA
Account Number:	-
Designer:	DDC
Drawing Date:	02/16/2023
Drawer:	-
Drawing Scale:	1"=20'
DAPW Approval:	-
Client Approval:	-
Reference Number:	1363
Building Reference:	-
Sheet Name:	IRRIGATION SYSTEMS & INFRASTRUCTURE
Drawing Number:	IR.103



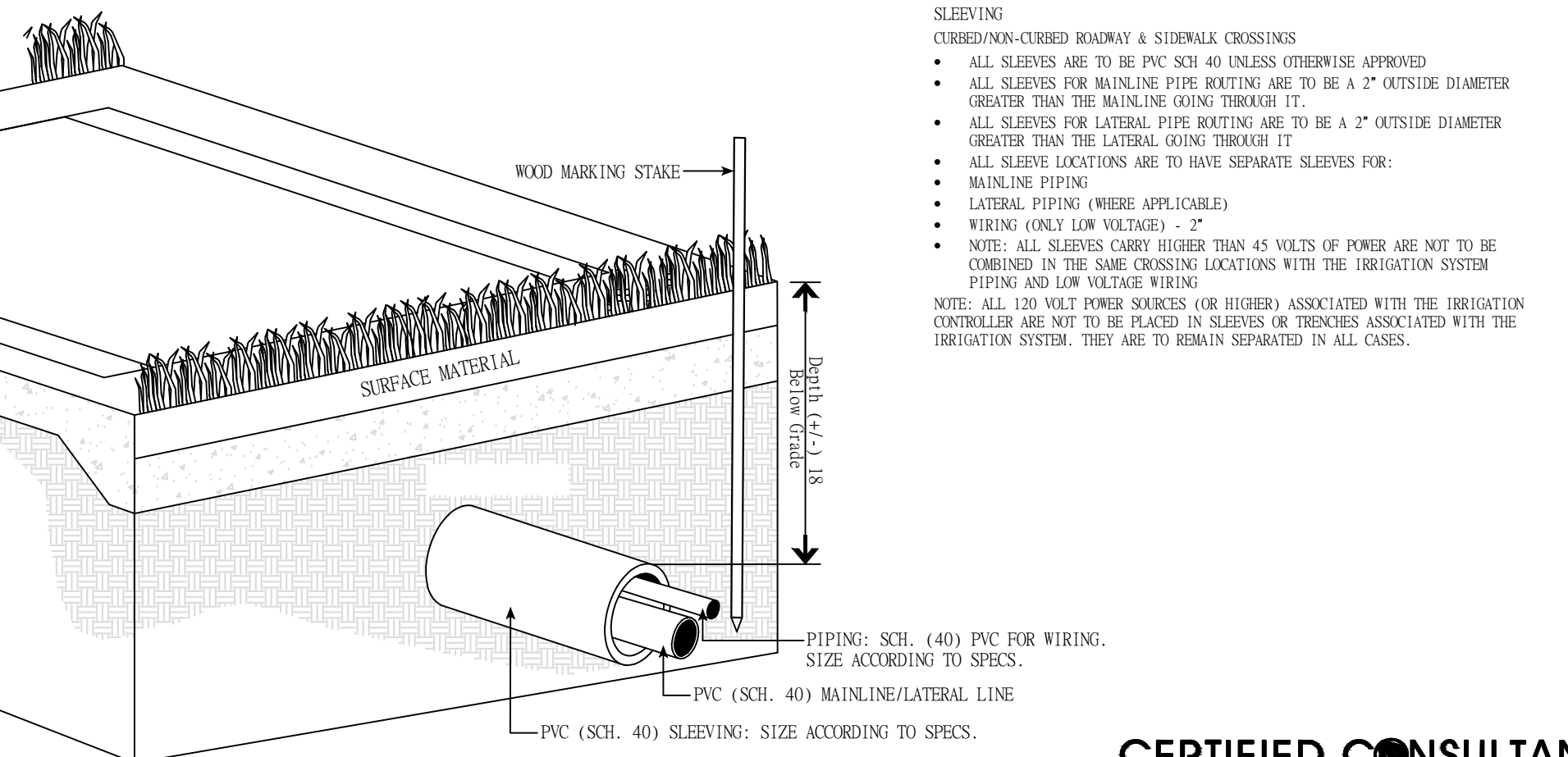
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HUNTER: MP Rotator Nozzle/RainBird 1806 SAM PRS45
Not to Scale



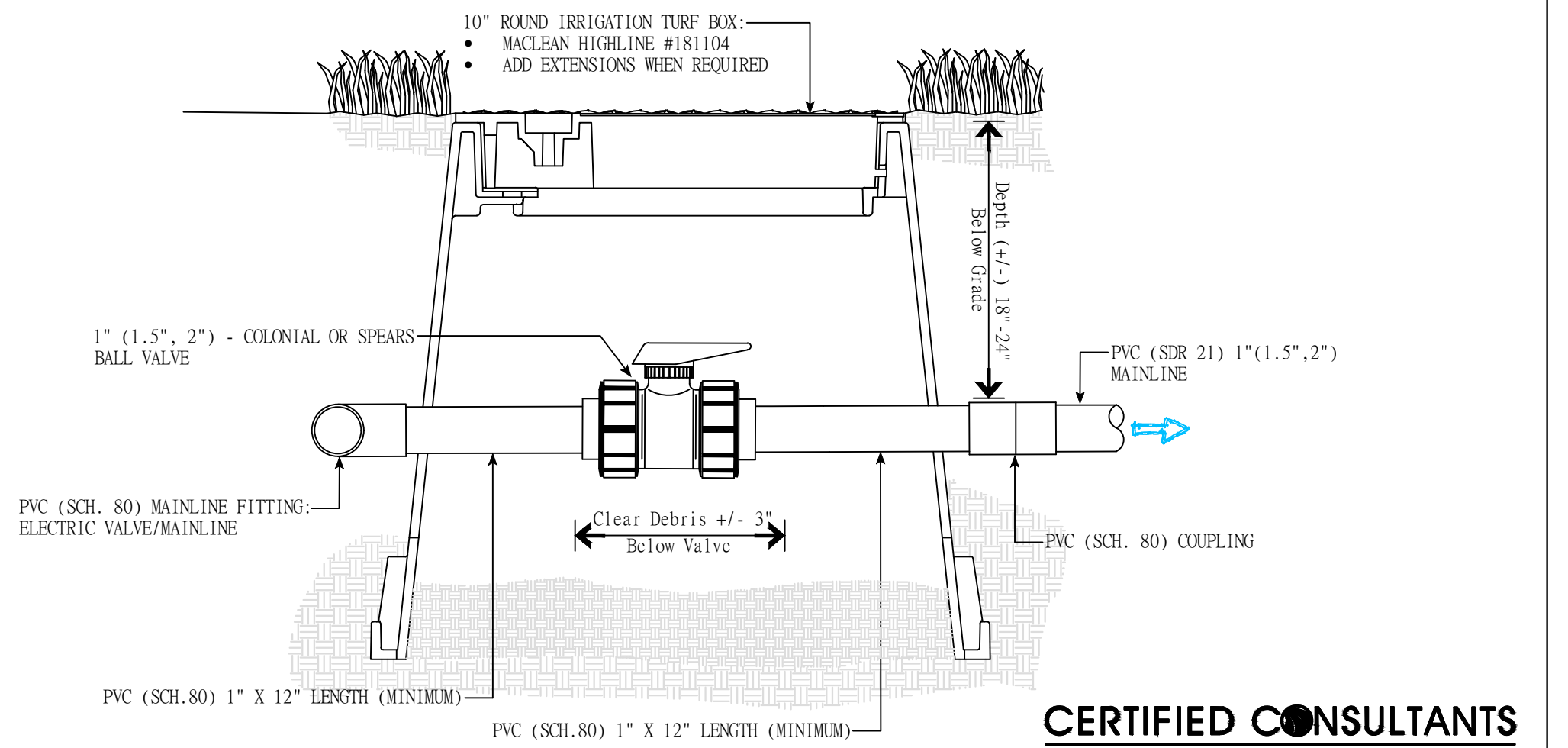
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Rainbird 1" One-Piece #5-RC Quick Coupler
Not to Scale

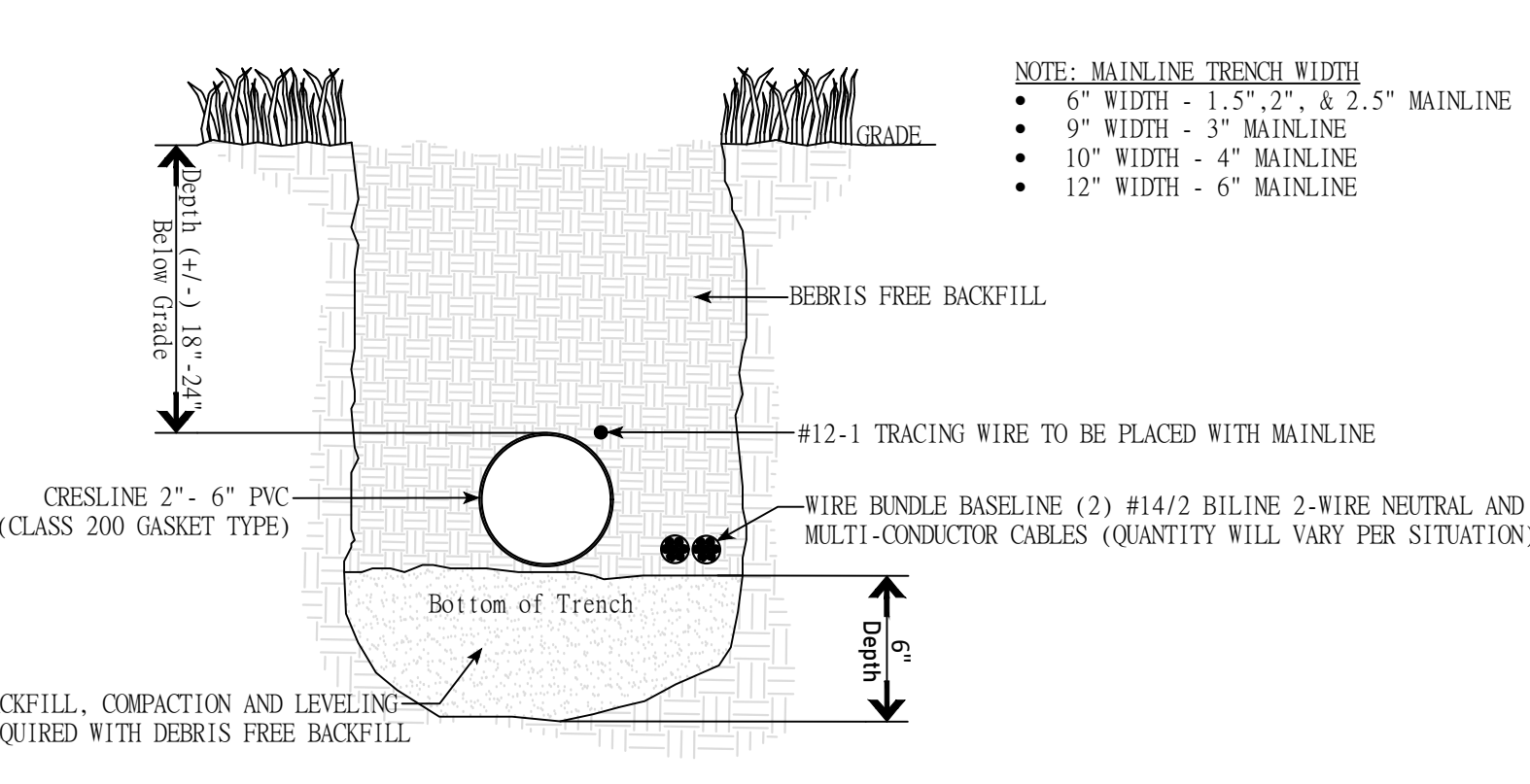


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212 West 10th Street, SUITE B375
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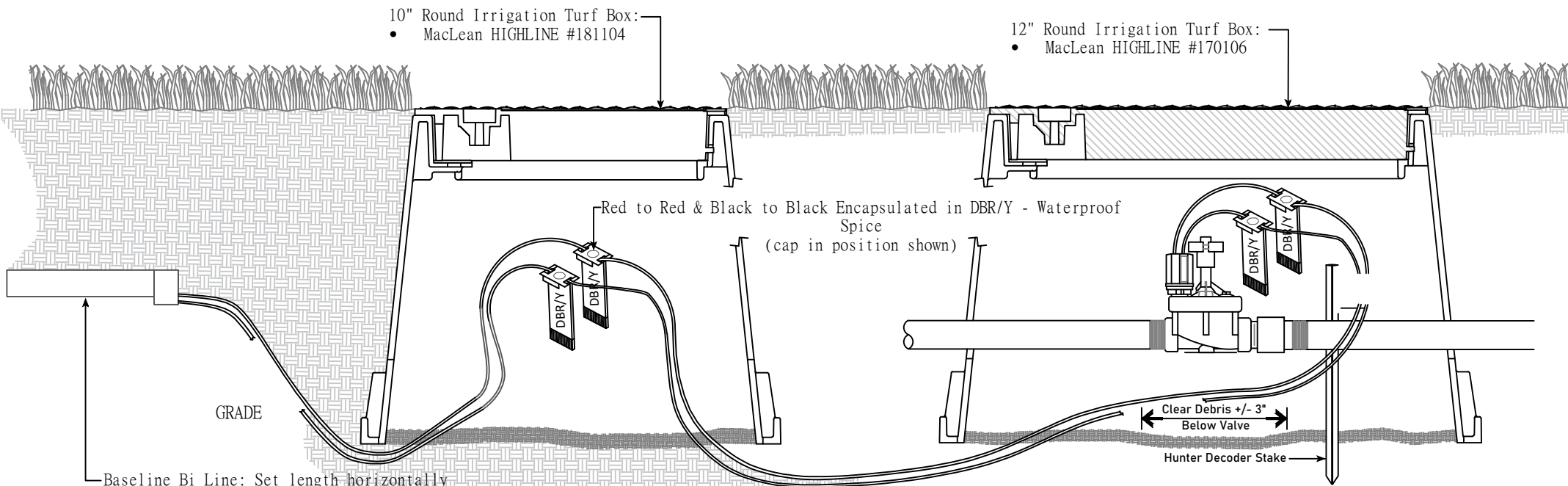
Sleeve Installation Requirements w/ out Curb
Not to Scale



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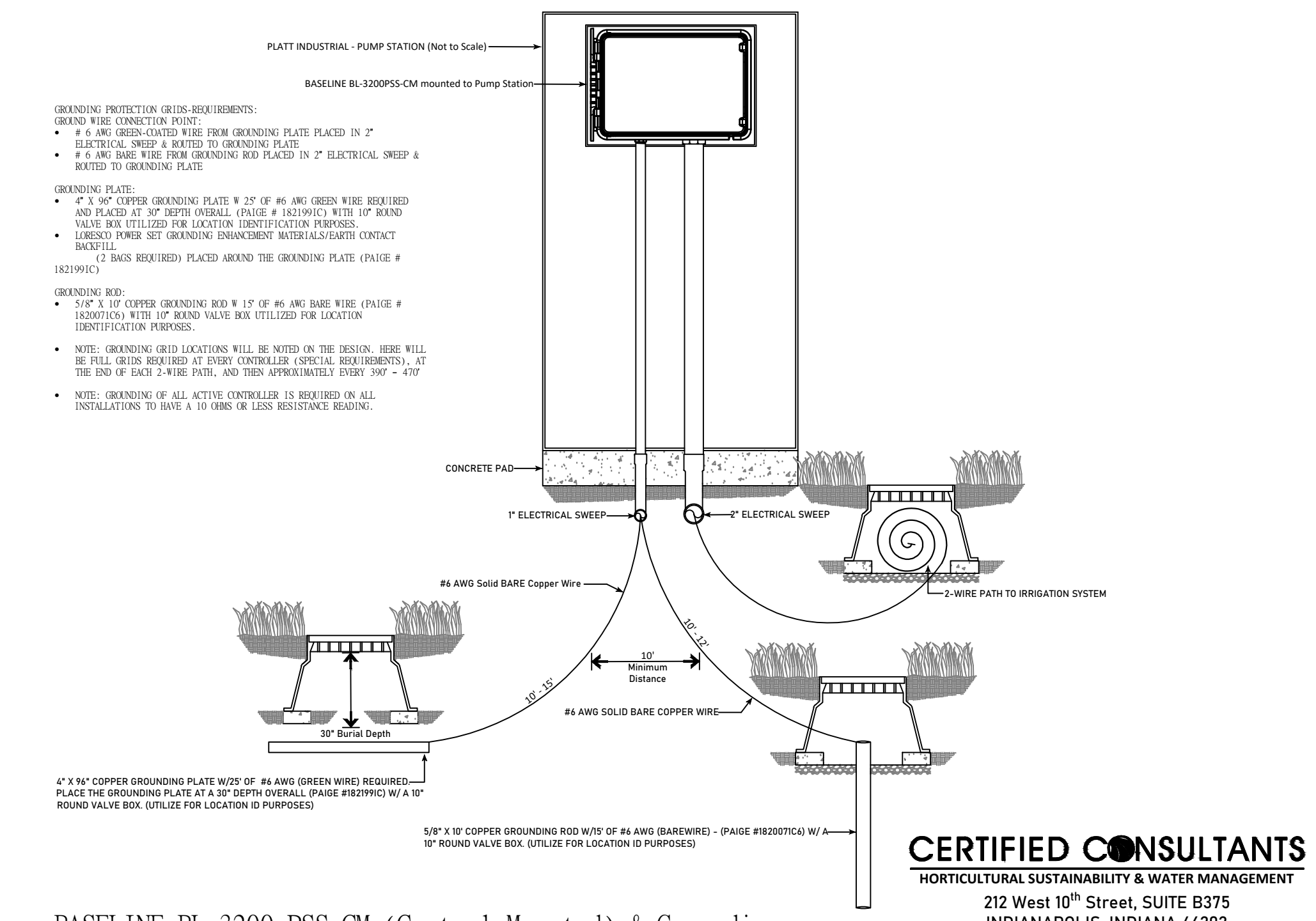
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Moisture Sensors: Baseline Controllers
Baseline BL-51150 Soil Moisture Sensor

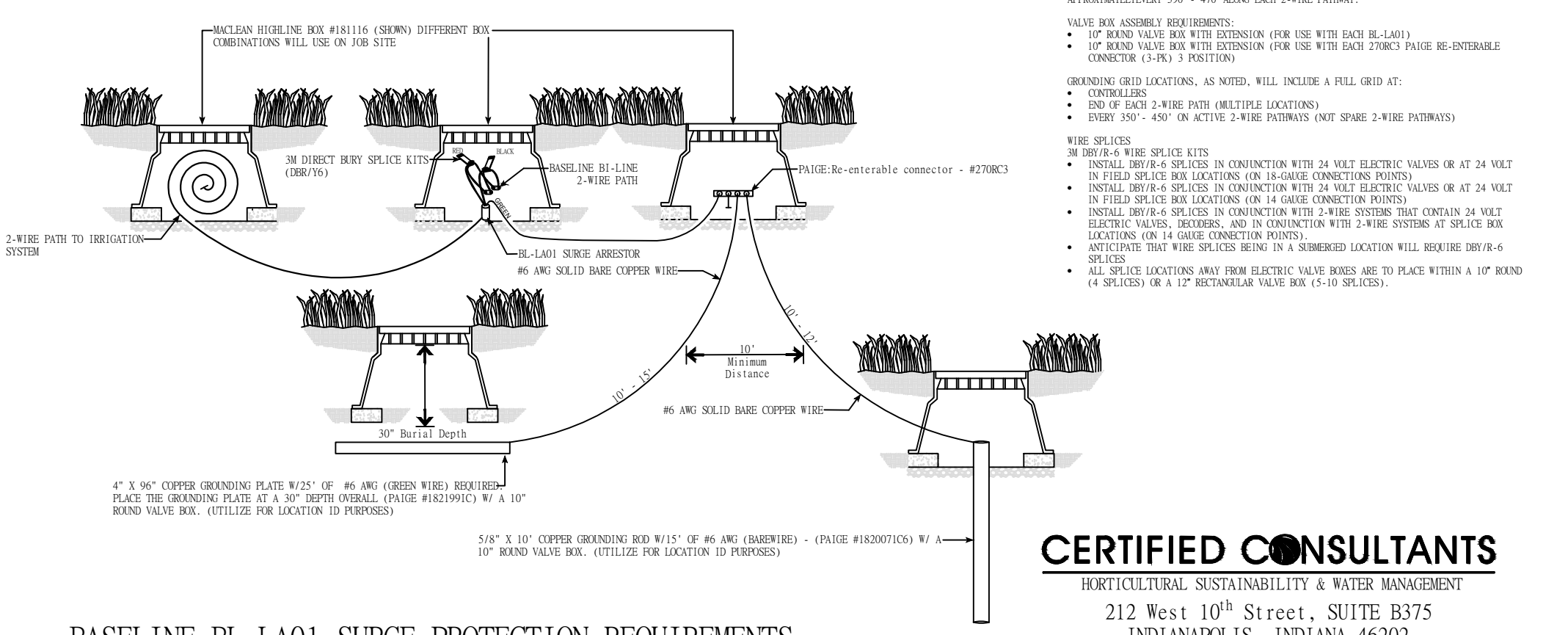
- Locations for installation should outline general micro-climate areas
- Use of 10" round valve box over the connection location along the 2-wire paths for each moisture sensor installation
- Provide 3M DRY-7-6 600 volt rated submersible splices on all splice locations along wire path.
- Excavate soils to determine overall placement and depth.
- Collect data for the first 2-3 months to confirm communication and device readings.

BASELINE Bi-Line: Moisture Sensor
Not to Scale



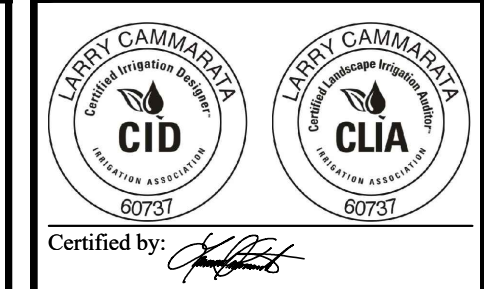
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BASELINE BL-3200-PSS-CM (Control Mounted) & Grounding
Not to Scale



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BASELINE BL-LA01 SURGE PROTECTION REQUIREMENTS
Not to Scale



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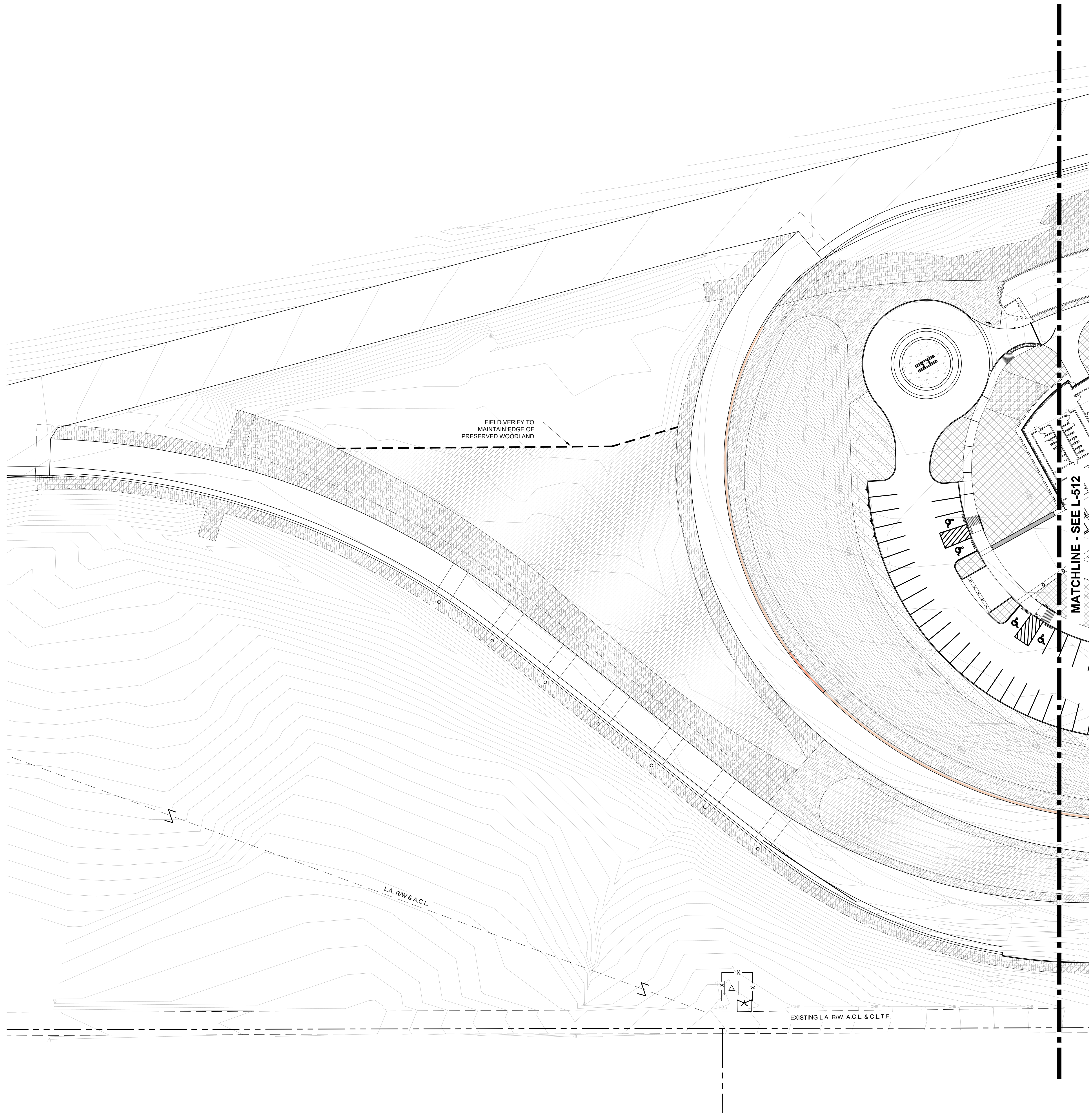
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PUBLIC WORKS PROJECT NO. 65002001-22-059-C1
REST AREA
INDIANA

STATE OF INDIANA
DEPARTMENT OF ADMINISTRATION
PUBLIC WORKS DIVISION
ROOM 100 WEST INDIAN GOVERNMENT CENTER SOUTH
100 WEST INDIAN AVENUE
INDIANAPOLIS, INDIANA 46204
317-232-3000

Project Number: 65002001-22-059-C1
Requestion Number: REST AREA
Account Number:
Designer: DDC Drawing Date: 02/16/2023
 Drafter: Drawing Scale: 1"=20'
DAPW Approval:
Client Approval:
Reference Number: 1363
Building Reference:
Sheet Name: IRRIGATION SYSTEMS & INFRASTRUCTURE DETAILS
Drawing Number: IR.104



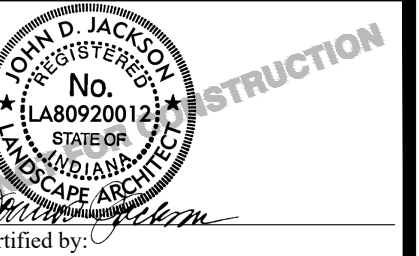
GENERAL NOTES | SITE SOILS PLANS:

1. WORK SHOWN ON THE DRAWINGS SHALL BE BASE BID UNLESS SPECIFICALLY NOTED TO BE BY ALTERNATE BID.
2. COORDINATE WORK WITH OTHER DESIGN DISCIPLINES.
3. PARTICIPATE IN THE PRE-INSTALLATION CONFERENCE FOR THE PLANTING SCOPE OF WORK, ACCORDING TO THE PROJECT SPECIFICATIONS, PRIOR TO COMMENCEMENT.
4. EXISTING AND PROPOSED UTILITIES THAT ARE SHOWN ARE FOR REFERENCE ONLY. REFER TO THE SITE SURVEY FOR EXISTING UTILITIES AND VERIFY ALL IN THE FIELD. REFER TO AND COORDINATE WITH DRAWINGS PREPARED BY OTHER DESIGN DISCIPLINES FOR PROPOSED ALL PROPOSED UTILITIES.
5. MATCH GRAPHIC REPRESENTATION SHOWN UNLESS NOTED OR DIMENSIONED OTHERWISE.
6. COMMENCEMENT OF SOILS PLACEMENT SCOPE CONSTITUTES ACCEPTANCE OF SITE CONDITIONS. ENSURE THAT NECESSARY AND SPECIFIED SUBGRADE CONDITIONS HAVE BEEN ACHIEVED PRIOR TO PLACEMENT OF SOILS, INCLUDING POSITIVE DRAINAGE AND INFILTRATION OF PRECIPITATION.
7. PROVIDE MINIMUM SOIL DEPTHS AS SHOWN IN LEGEND. PLACE SOIL IN 6" MAXIMUM LIFTS AND COMPACT LIGHTLY (SEE SPECIFICATION SECTION 329119 FOR COMPACTION RATES). PERFORM PERCOLATION TESTS AT EACH LIFT TO ENSURE ADEQUATE DRAINAGE.
8. ALL SOIL PLACEMENT AND PREPARATION IN CRITICAL ROOT ZONES IDENTIFIED ON PLANS IS TO BE OVERSEEN BY A REGISTERED ARBORIST.
9. INSTALL SOIL TO AN ELEVATION THAT ASSUMES A MINIMUM OF 2" ORGANIC MULCH WILL BE PROVIDED IN ALL PLANTING BEDS (NON-LAWN AREAS).
10. REFER TO SPECIFICATION SECTION 329113 - SOIL PREPARATION FOR ADDITIONAL INFORMATION.

SOILS SCHEDULE L-502

	TURFGRASS SOIL	13,383 sf
	DRY POND SOIL	23,582 sf
	TREES + TURFGRASS SOIL	4,455 sf
	SHRUBS SOIL	909 sf
	EROSION CONTROL / WOODLAND MIX SOIL	30,738 sf
	PERENNIALS SOIL	6,228 sf
	ORNAMENTAL GRASS + PERENNIAL MIX SOIL	30,305 sf
	TREES + SHRUBS/GRASSES/PERENNIALS SOIL	944 sf

NOTE:
REF: SPEC SECTION 329113 FOR PLANTING SOIL DEPTHS AND ADDITIONAL REQUIREMENTS



PUBLIC WORKS PROJECT NO. 84003001-22-058-C1
REST AREA
INDIANA

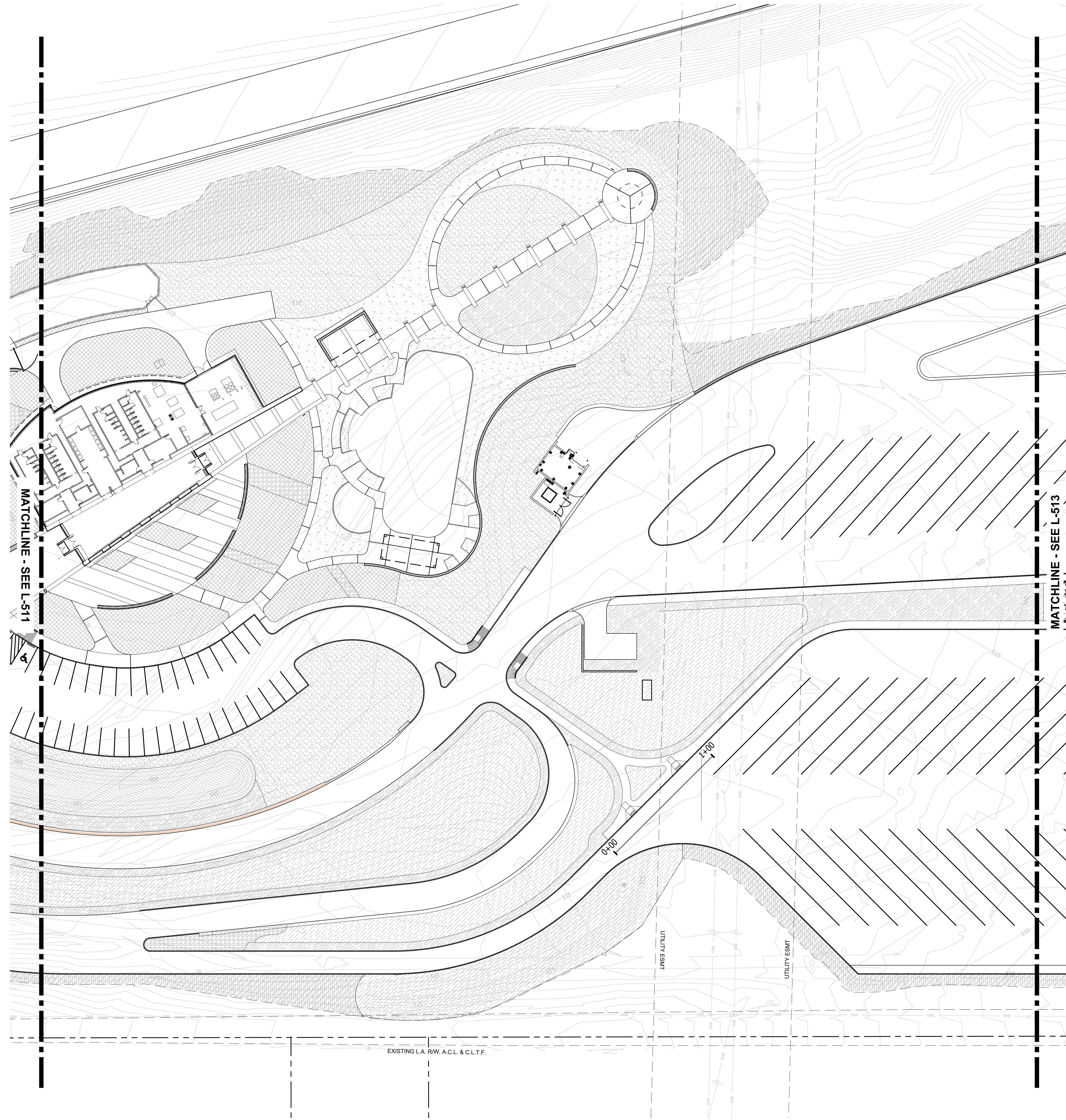


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PUBLIC WORKS DIVISION
ROOM 1465, INDIANA GOVERNMENT CENTER SOUTH
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INDIANAPOLIS, INDIANA 46204
317-232-3000

Revisions:

Project Number:	84003001-22-058-C1
Requisition Number:	REST AREA
Account Number:	-
Designer:	RATIO
Drawing Date:	2023/02/23
Drafter:	-
Drawing Scale:	-
DA/PW Approval:	-
Client Approval:	-
Reference Number:	1364
Building Reference:	-
Sheet Name:	SOIL PLACEMENT PLAN
Drawing Number:	L-511

01 SOIL PLACEMENT PLAN SCALE 0 15' 30' 60'



GENERAL NOTES | SITE SOILS PLANS:

1. WORK SHOWN ON THE DRAWINGS SHALL BE BASE BID UNLESS SPECIFICALLY NOTED TO BE BY ALTERNATE BID.
2. COORDINATE WORK WITH OTHER DESIGN DISCIPLINES.
3. PARTICIPATE IN THE PRE-INSTALLATION CONFERENCE FOR THE PLANTING SCOPE OF WORK, ACCORDING TO THE PROJECT SPECIFICATIONS, PRIOR TO COMMENCEMENT.
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5. MATCH GRAPHIC REPRESENTATION SHOWN UNLESS NOTED OR DIMENSIONED OTHERWISE.
6. COMMENCEMENT OF SOILS PLACEMENT SCOPE CONSTITUTES ACCEPTANCE OF SITE CONDITIONS. ENSURE THAT NECESSARY AND SPECIFIED SUBGRADE CONDITIONS HAVE BEEN ACHIEVED PRIOR TO PLACEMENT OF SOILS, INCLUDING POSITIVE DRAINAGE AND INFILTRATION OF PRECIPITATION.
7. PROVIDE MINIMUM SOIL DEPTHS AS SHOWN IN LEGEND. PLACE SOIL IN 6" MAXIMUM LIFTS AND COMPACT LIGHTLY (SEE SPECIFICATION SECTION 329119 FOR COMPACTION RATES). PERFORM PERCOLATION TESTS AT EACH LIFT TO ENSURE ADEQUATE DRAINAGE.
8. ALL SOIL PLACEMENT AND PREPARATION IN CRITICAL ROOT ZONES IDENTIFIED ON PLANS IS TO BE OVERSEEN BY A REGISTERED ARBORIST.
9. INSTALL SOIL TO AN ELEVATION THAT ASSUMES A MINIMUM OF 2" ORGANIC MULCH WILL BE PROVIDED IN ALL PLANTING BEDS (NON-LAWN AREAS).
10. REFER TO SPECIFICATION SECTION 329113 - SOIL PREPARATION FOR ADDITIONAL INFORMATION.

SOILS SCHEDULE L-503

	TURFGRASS SOIL	22,347 sf
	DRY POND SOIL	5,476 sf
	TREES + TURFGRASS SOIL	43,366 sf
	SHRUBS SOIL	2,303 sf
	EROSION CONTROL / WOODLAND MIX SOIL	28,895 sf
	PERENNIALS SOIL	17,275 sf
	ORNAMENTAL GRASS + PERENNIAL MIX SOIL	42,129 sf
	TREES + SHRUBS/GRASSES/PERENNIALS SOIL	16,482 sf

NOTE:
REF: SPEC SECTION 329113 FOR PLANTING SOIL DEPTHS AND ADDITIONAL REQUIREMENTS

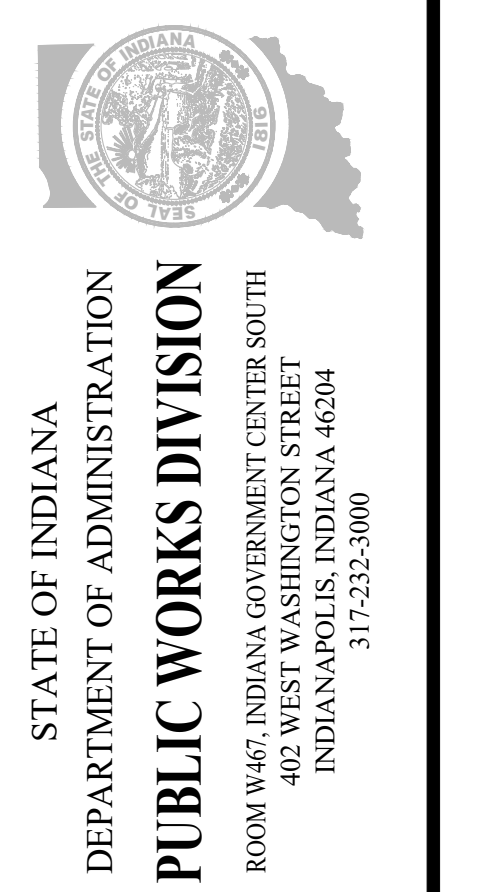


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PUBLIC WORKS PROJECT NO. 84003001-22-058-C1
REST AREA
INDIANA



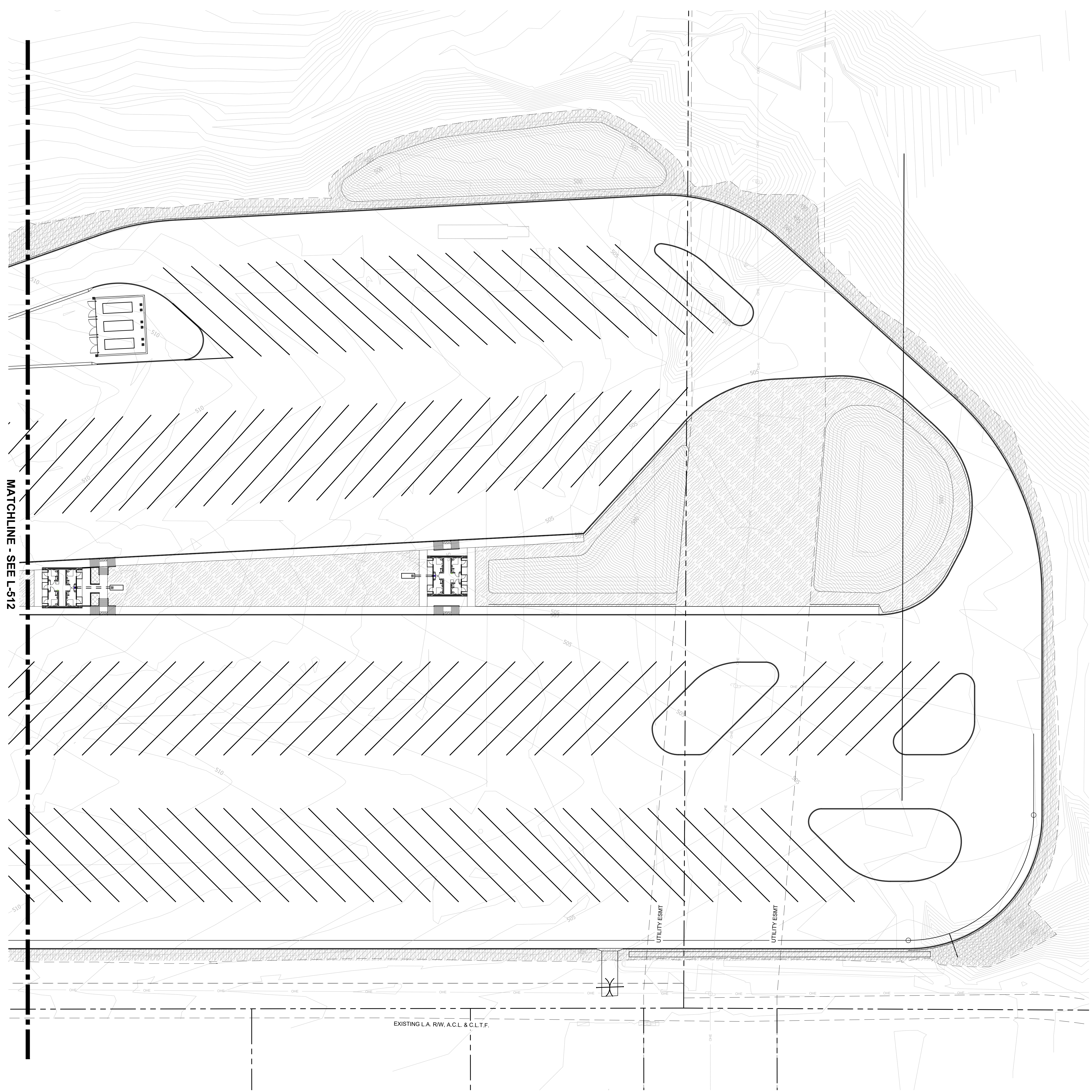
STATE OF INDIANA
DEPARTMENT OF ADMINISTRATION
PUBLIC WORKS DIVISION
ROOM 1465 INDIANA GOVERNMENT CENTER SOUTH
402 WEST WASHINGTON STREET
INDIANAPOLIS, INDIANA 46204
317-232-3000

Revisions:

Project Number:	84003001-22-058-C1
Requisition Number:	REST AREA
Account Number:	
Designer:	RATIO
Drawing Date:	2023/02/23
Drafter:	
Drawing Scale:	
DA/PW Approval:	
Client Approval:	
Reference Number:	1364
Building Reference:	
Sheet Name:	SOIL PLACEMENT PLAN
Drawing Number:	L-512

Date Saved By: Janssen, Printout/07/23
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01 SOIL PLACEMENT PLAN
SCALE 0 15' 30' 60'



MATCHLINE - SEE L-512

GENERAL NOTES | SITE SOILS PLANS:

1. WORK SHOWN ON THE DRAWINGS SHALL BE BASE BID UNLESS SPECIFICALLY NOTED TO BE BY ALTERNATE BID.
2. COORDINATE WORK WITH OTHER DESIGN DISCIPLINES.
3. PARTICIPATE IN THE PRE-INSTALLATION CONFERENCE FOR THE PLANTING SCOPE OF WORK, ACCORDING TO THE PROJECT SPECIFICATIONS, PRIOR TO COMMENCEMENT.
4. EXISTING AND PROPOSED UTILITIES THAT ARE SHOWN ARE FOR REFERENCE ONLY. REFER TO THE SITE SURVEY FOR EXISTING UTILITIES AND VERIFY ALL IN THE FIELD. REFER TO AND COORDINATE WITH DRAWINGS PREPARED BY OTHER DESIGN DISCIPLINES FOR PROPOSED ALL PROPOSED UTILITIES.
5. MATCH GRAPHIC REPRESENTATION SHOWN UNLESS NOTED OR DIMENSIONED OTHERWISE.
6. COMMENCEMENT OF SOILS PLACEMENT SCOPE CONSTITUTES ACCEPTANCE OF SITE CONDITIONS. ENSURE THAT NECESSARY AND SPECIFIED SUBGRADE CONDITIONS HAVE BEEN ACHIEVED PRIOR TO PLACEMENT OF SOILS, INCLUDING POSITIVE DRAINAGE AND INFILTRATION OF PRECIPITATION.
7. PROVIDE MINIMUM SOIL DEPTHS AS SHOWN IN LEGEND. PLACE SOIL IN 6" MAXIMUM LIFTS AND COMPACT LIGHTLY (SEE SPECIFICATION SECTION 329119 FOR COMPACTION RATES), PERFORM PERCOLATION TESTS AT EACH LIFT TO ENSURE ADEQUATE DRAINAGE.
8. ALL SOIL PLACEMENT AND PREPARATION IN CRITICAL ROOT ZONES IDENTIFIED ON PLANS IS TO BE OVERSEEN BY A REGISTERED ARBORIST.
9. INSTALL SOIL TO AN ELEVATION THAT ASSUMES A MINIMUM OF 2" ORGANIC MULCH WILL BE PROVIDED IN ALL PLANTING BEDS (NON-LAWN AREAS).
10. REFER TO SPECIFICATION SECTION 329113 - SOIL PREPARATION FOR ADDITIONAL INFORMATION.

SOILS SCHEDULE L-504

	TURFGRASS SOIL	33,717 sf
	DRY POND SOIL	28,812 sf
	EROSION CONTROL / WOODLAND MIX SOIL	24,697 sf
	PERENNIALS SOIL	135 sf

NOTE:
REF: SPEC SECTION 329113 FOR PLANTING SOIL DEPTHS AND ADDITIONAL REQUIREMENTS

01 SOIL PLACEMENT PLAN
SCALE 0 15' 30' 60'

Professional Engineer
No. LA0920213
STATE OF INDIANA
Professional Seal
J. J. Janssen
Certified by: _____

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synthesis

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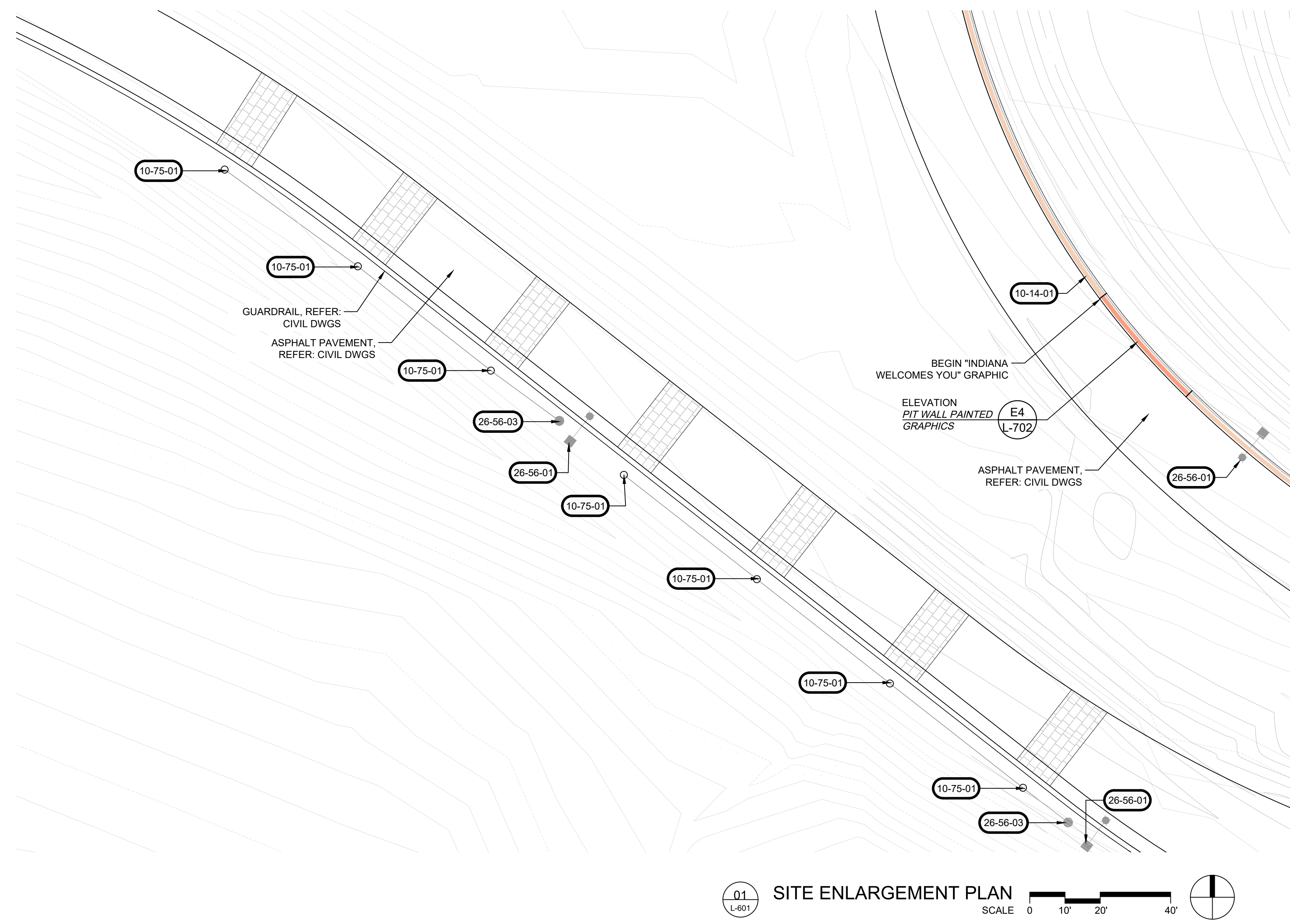
PUBLIC WORKS PROJECT NO. 84003001-22-058-C1
REST AREA
INDIANA

STATE OF INDIANA
DEPARTMENT OF ADMINISTRATION
PUBLIC WORKS DIVISION
ROOM 1425 INDIANA GOVERNMENT CENTER SOUTH
402 WEST WASHINGTON STREET
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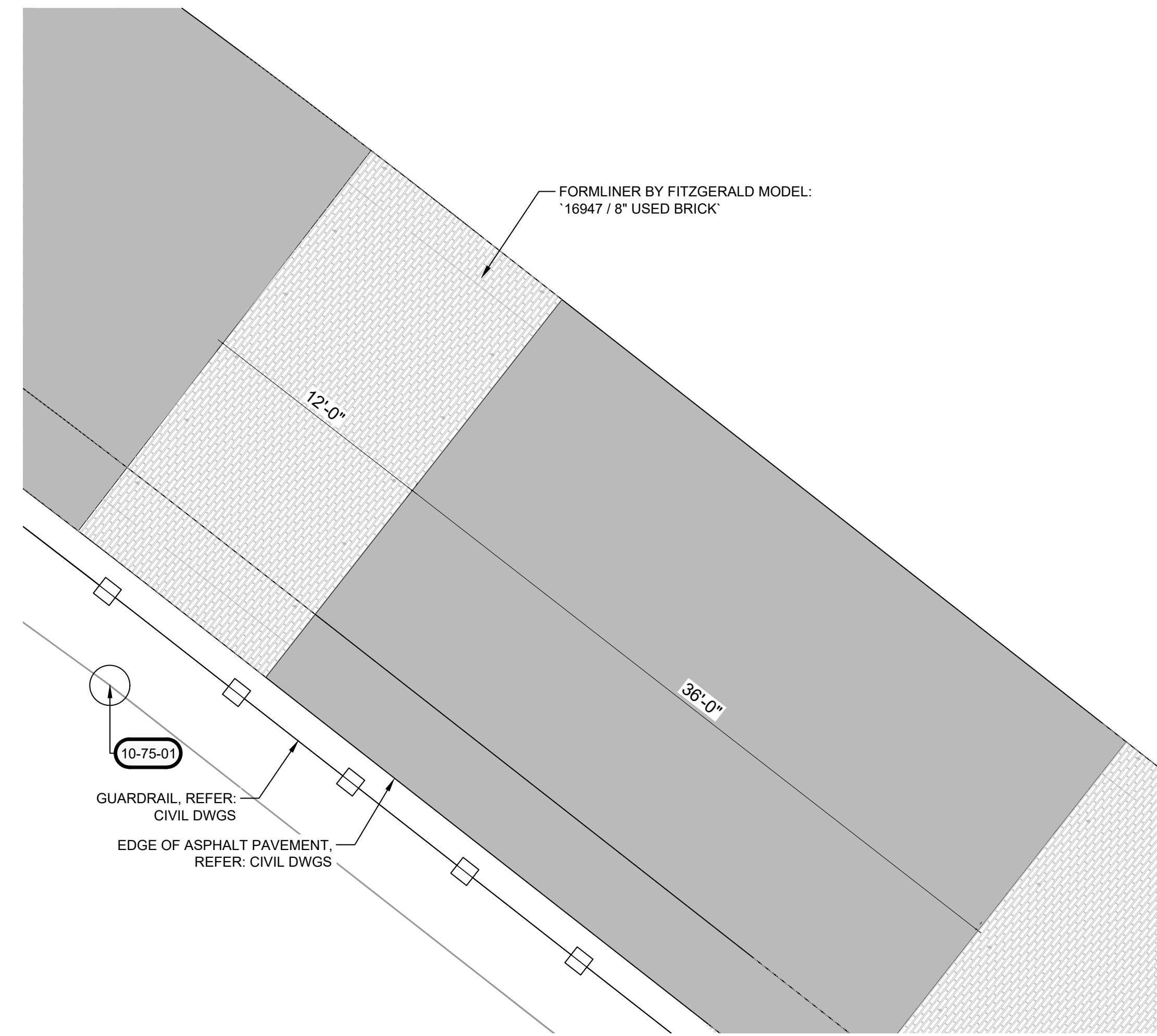
Revisions:

Project Number:	84003001-22-058-C1
Requisition Number:	REST AREA
Account Number:	-
Designer:	RATIO
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Drafter:	-
Drawing Scale:	-
DAPW Approval:	-
Client Approval:	-
Reference Number:	1364
Building Reference:	-
Sheet Name:	SOIL PLACEMENT PLAN
Drawing Number:	L-513

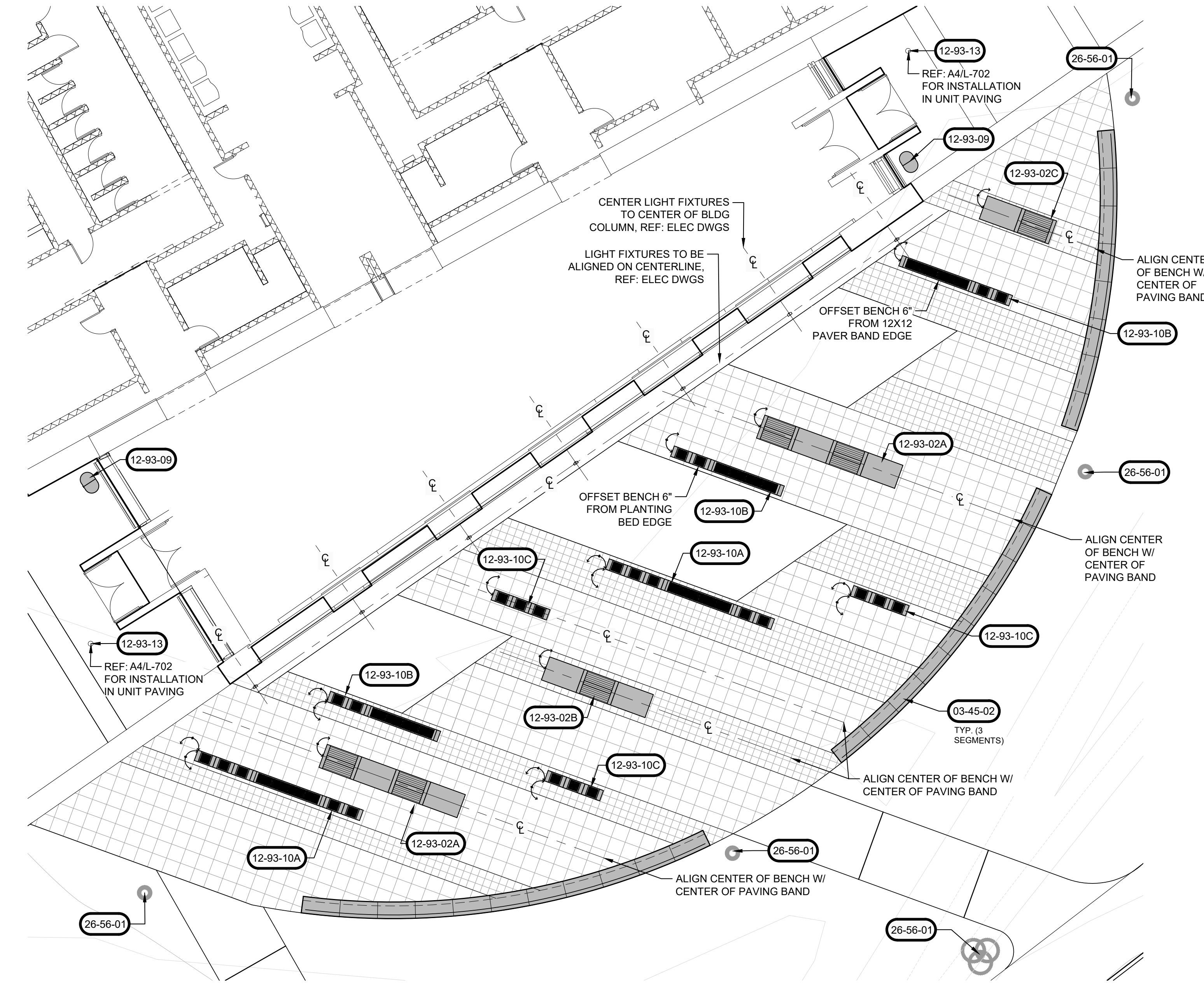
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01 L-601 SITE ENLARGEMENT PLAN SCALE 0 10' 20' 40'



02 L-601 SITE ENLARGEMENT PLAN SCALE 0 2.5' 5' 10'

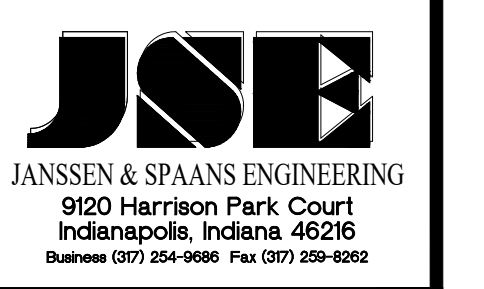
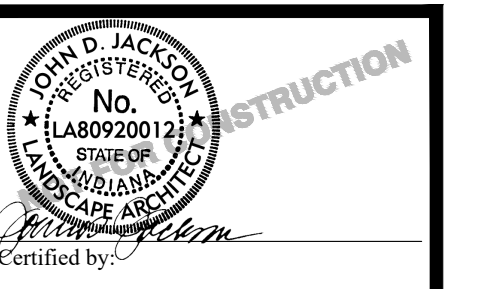


03 L-601 SITE ENLARGEMENT PLAN SCALE 0 5' 10' 20'

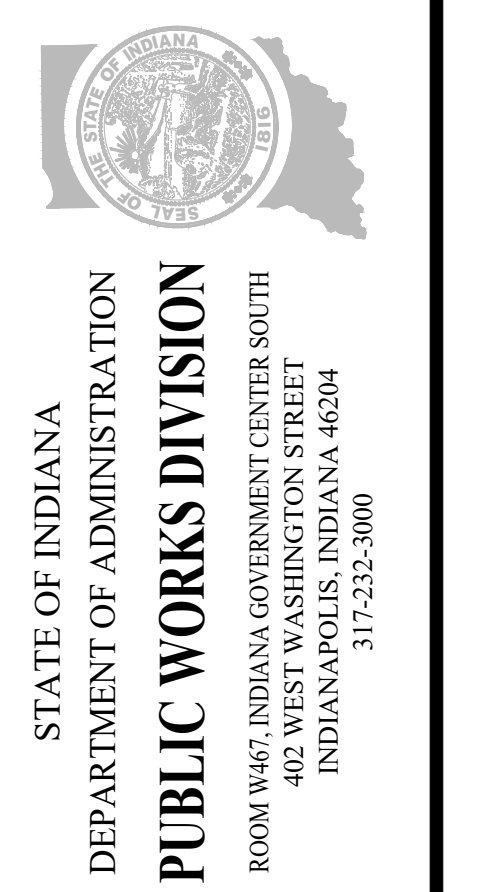
GENERAL NOTES | SITE FEATURES PLANS:

- DO NOT SCALE DRAWINGS FOR FIELD LAYOUT.
- COORDINATE ALL WORK WITH OTHER DESIGN DISCIPLINES.
- EXISTING AND PROPOSED UTILITIES THAT ARE SHOWN ARE FOR REFERENCE ONLY. REFER TO THE SITE SURVEY FOR EXISTING UTILITIES AND VERIFY ALL IN THE FIELD. REFER TO THE SITE ELECTRICAL PLAN FOR PROPOSED SITE LIGHTING AND POWER DISTRIBUTION EQUIPMENT. REFER TO CIVIL DRAWINGS FOR ALL OTHER PROPOSED UTILITIES.
- REFERENCE NOTES SCHEDULE MAY APPEAR ON MULTIPLE SHEETS. NOT ALL REFERENCE NOTES APPEAR ON EACH SHEET.
- REFER TO A2/L-701 FOR CONCRETE PAVING JOINT DETAILS.
 - 'J' DENOTES ISOLATION JOINT.
 - 'CJ-A' DENOTES CONTRACTION JOINT 'A'.
- ALL CONCRETE PAVING JOINTS SHALL BE CONTRACTION JOINT 'A' UNLESS INDICATED OTHERWISE.
- ALL ISOLATION AND CONCRETE JOINTS FOR CONCRETE CURBS SHALL ALIGN WITH RESPECTIVE ISOLATION AND CONTRACTION JOINT SPACING OF ADJACENT CONCRETE PAVEMENTS AND SIDEWALKS.
- THE LANDSCAPE ARCHITECT'S ELECTRONIC DESIGN DATA FILE(S) MAY BE MADE AVAILABLE TO THE SUCCESSFUL BIDDER(S) FOR LAYOUT PURPOSES UPON REQUEST AND RECEIPT OF A SIGNED "WAIVER OF CLAIMS FOR USE OF ELECTRONIC DATA" FORM.

REFERENCE NOTES SCHEDULE		
CODE	DESCRIPTION	DETAIL
CAST-IN-PLACE CONCRETE		
03-30-01	CIP CONCRETE SEAT WALL	E1/L-703
PRECAST ARCHITECTURAL CONCRETE		
03-45-02	PRECAST CONCRETE SEAT WALL (02)	D1/L-704
SIGNAGE		
10-14-01	PIT WALL PAINTED GRAPHICS, REF: CIVIL PLANS FOR CONCRETE WALL	E4/L-702
FLAGPOLES		
10-75-01	FLAGPOLE, 25' H, ALUMINUM TAPERED IN-GROUND	A1/L-702
SCULPTURES		
12-14-03	WINNERS WALK INTERPRETIVE SIGNAGE AND INSTALLATION, BY OTHERS	E6/L-702
12-14-05	WAYFINDING SIGN	C1/L-702
SITE FURNISHINGS		
DESCRIPTION		
PLATFORM SEATING CONFIGURATION (A):		
12-93-02A	(2) 'SOL-SBL-150-PC' SOLID SEAT BLOCK W/ 'SOL-SBL-SEAT-120' WOOD TOP AND 'SOL-L-SBL-SBR-120' BACKREST (1) 'SOL-SBL-150-PC-EXT' SOLID SEAT BLOCK EXTENDER (1) 'SOL-SBL-150-PC-EXT' SOLID SEAT BLOCK SOLID SEAT BLOCKS BY STREETLIFE, POWDER COATED STEEL FRAME, COLOR TBD, HARDWOOD SLATS	C3/L-703
PLATFORM SEATING CONFIGURATION (B):		
12-93-02B	(1) 'SOL-SBL-150-PC' SOLID SEAT BLOCK W/ 'SOL-SBL-SEAT-120' WOOD TOP AND 'SOL-L-SBL-SBR-120' BACKREST (2) 'SOL-SBL-150-PC' SOLID SEAT BLOCK SOLID SEAT BLOCKS BY STREETLIFE, POWDER COATED STEEL FRAME, COLOR TBD, HARDWOOD SLATS	C3/L-703
PLATFORM SEATING CONFIGURATION (C):		
12-93-02C	(1) 'SOL-SBL-150-PC' SOLID SEAT BLOCK W/ 'SOL-SBL-SEAT-120' WOOD TOP AND 'SOL-L-SBL-SBR-120' BACKREST (1) 'SOL-SBL-150-PC' SOLID SEAT BLOCK SOLID SEAT BLOCKS BY STREETLIFE, POWDER COATED STEEL FRAME, COLOR TBD, HARDWOOD SLATS	C3/L-703
12-93-03	PICNIC TABLE, 'HOPPER AA' W/ FLOOR FASTENERS BY EXTREMIS, 240 CM LENGTH, POWDER COATED ALUMINUM, COLOR TBD, SURFACE MOUNTED (REFER TO MFR. GUIDELINES)	C7/L-702
12-93-05	'4405M' HULO ADA OUTDOOR FOUNTAIN W/ JUG FILLER BY MOST DEPENDABLE FOUNTAINS, FREEZE RESISTANT OPTION, CHROME FINISH, REFER TO MFR FOR INSTALLATION RECOMMENDATIONS	E1/L-704
12-93-07	CUSTOM SOLID TERRACE CURVED BY STREETLIFE, POWDER COATED STEEL FRAME, COLOR TBD, HARDWOOD SLATS	E1/L-704
12-93-09	'SLTNO-2305' TOMYO LITTER RECEPTACLE BY FORMS+SURFACES, 60-GALLON CAPACITY, W/ RAIN HAT, SILVER TEXTURE FINISH, 'WARP' PERFORATION PATTERN, SURFACE MOUNTED	C3/L-703
12-93-10A	MODULAR SEATING CONFIGURATION (A): (5) SINUS LSN110' BY MMCITE (1) SINUS LSN 130' BY MMCITE	C3/L-703
12-93-10B	MODULAR SEATING CONFIGURATION (B): (2) SINUS LSN110' BY MMCITE (1) SINUS LSN 130' BY MMCITE	C3/L-703
12-93-10C	MODULAR SEATING CONFIGURATION (C): (3) SINUS LSN110' BY MMCITE, POWDER COATED STEEL, COLOR TBD	C3/L-703
12-93-13	AUTOMATIC DOOR SWITCH, REF: ARCH DWGS	
12-93-14	ACCESSIBLE PICNIC TABLE, 'HOPPER COMBO AA' (SINGLE BENCH) W/ FLOOR FASTENERS BY EXTREMIS, 240 CM LENGTH, POWDER COATED ALUMINUM, COLOR TBD, SURFACE MOUNTED (REFER TO MFR. GUIDELINES)	
FABRICATED ENGINEERED STRUCTURES		
13-34-01	STEEL SHADE STRUCTURE, INSTALLED ON PAVING	A1/L-705
EXTERIOR LIGHTING		
26-56-01	LIGHT POLE, REF: ELEC DWGS	D7/L-702
26-56-03	HANDHOLE COVER, REF: ELEC DWGS	
CURBS, GUTTERS, SIDEWALKS, AND DRIVEWAYS		
32-16-01	CONCRETE CURB, 6"W REF: SPEC SECTION 116800 FOR ALL EQUIP.	F1/L-701
SITE EQUIPMENT AND STRUCTURES		
32-28-01	PLAYGROUND EQUIPMENT, 'DNA TOWER XL04' BY BERLINER	
32-28-02	PLAYGROUND EQUIPMENT, 'SUPERNOVA' BY KOMPAN	
32-28-03	PLAYGROUND EQUIPMENT, 'SWINGO 2.4' BY BERLINER W/ (1) STANDARD SWING SEAT AND (1) ACCESSIBLE SWING SEAT (ZZX0892) BY PLAYWORLD, OWNER TO KEEP SPARE STANDARD SEAT	
32-28-04	ADULT FITNESS EQUIPMENT, 'CROSS TRAINER' (NO TOUCHSCREEN) BY KOMPAN	
32-28-05	PLAYGROUND EQUIPMENT, 'HULA-LOOP .01' BY BERLINER	
32-28-06	PLAYGROUND EQUIPMENT, 'TIPI CAROUSEL' W/ TOP BRACE BY KOMPAN	
32-28-07	ADULT FITNESS EQUIPMENT, 'CITY BIKE' (NO TOUCHSCREEN) BY KOMPAN	
32-28-08	PLAYGROUND EQUIPMENT, 'RACE CAR SPRINGER (ZZX0555) BY PLAYWORLD	
32-28-09	PLAYGROUND EQUIPMENT, 'RHOMBUS' BY KOMPAN	
32-28-10	PLAYGROUND EQUIPMENT, 'DOUBLE ZIPLINE, FLAT SPACE' W/ (2) TWO ZIPLINE START PLATFORMS BY KOMPAN	
32-28-11	PLAYGROUND EQUIPMENT, 'TIGHTROPE' BY GORIC	
RIGID PAVING		
DESCRIPTION		
DECORATIVE STAMPED CONCRETE BAND, FORMLINER BY FITZGERALD MODEL: 16947 / 8" USED BRICK		
UNIT PAVING		
DESCRIPTION		
CAST CONCRETE PAVERS, BITUMINOUS SETTING BED		
AGGREGATE SURFACING		
DESCRIPTION		
DECORATIVE GRAVEL, DARK GRAY, SIZED 1-1/4" TO 3/8"		
ATHLETIC AND RECREATIONAL SURFACING		
DESCRIPTION		
PLAYGROUND PROTECTIVE SURFACING, POURED-IN-PLACE RUBBER, COLOR 1		
PLAYGROUND PROTECTIVE SURFACING, POURED-IN-PLACE RUBBER, COLOR 2		
PLAYGROUND PROTECTIVE SURFACING, POURED-IN-PLACE RUBBER, COLOR 3		
PLAYGROUND PROTECTIVE SURFACING, POURED-IN-PLACE RUBBER, COLOR 4		

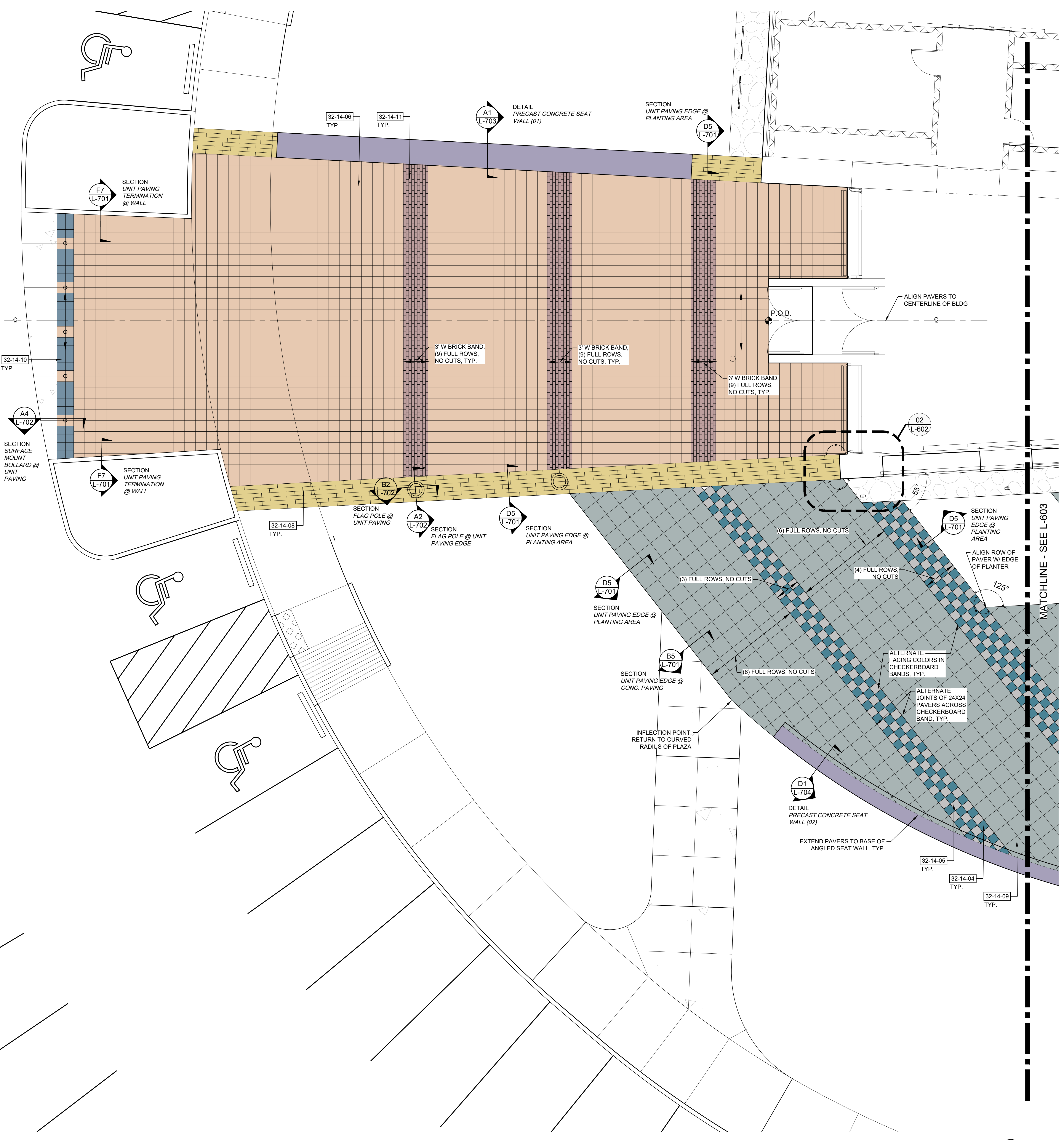


PUBLIC WORKS PROJECT NO. 84003001-22-058-C1
REST AREA
INDIANA



Project Number:	84003001-22-058-C1
Requisition Number:	REST AREA
Account Number:	
Designer:	Ratio
Drawing Date:	2023/02/23
Drafter:	
Drawing Scale:	
DAPW Approval:	
Client Approval:	
Reference Number:	1364
Building Reference:	
Sheet Name:	SITE ENLARGEMENT PLAN
Drawing Number:	L-601

Last Saved By: janssen.primack/2/23
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GENERAL NOTES | SPECIALTY PAVING PLANS:

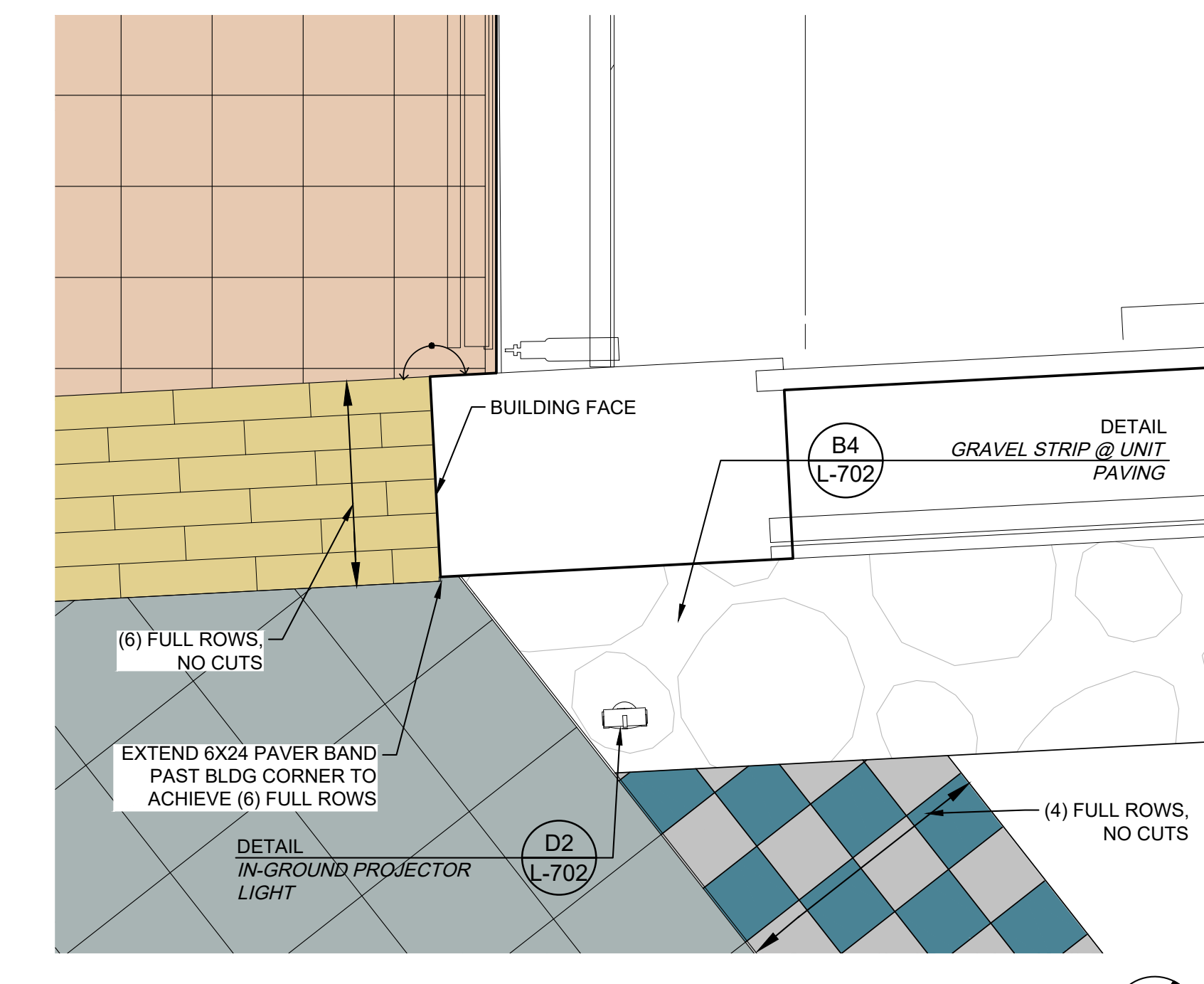
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- REFERENCE NOTES SCHEDULE MAY APPEAR ON MULTIPLE SHEETS. NOT ALL REFERENCE NOTES APPEAR ON EACH SHEET.
- UNIT PAVERS TO BE SET PARALLEL / PERPENDICULAR WITH STREET CURB UNLESS OTHERWISE NOTED.
- UNIT PAVERS TO HAVE A CONSISTENT SAND SWEEP JOINT IN ACCORDANCE WITH THE SPECIFICATIONS. UNIT PAVERS SHALL BE INSTALLED TO ALIGN JOINTS WITH ADJACENT UNIT PAVER JOINTS, FACE OF LIMESTONE PLANTER CURB, INTEGRAL CONCRETE CURB, BACK OF STREET CURB, AND ALL CONCRETE UNLESS OTHERWISE NOTED.
- ALL FIELD CUTS SHALL BE PERFORMED TO MAINTAIN A MINIMUM 1/3 UNIT PAVER WIDTH, UNLESS NOTED OTHERWISE.
- ALL CUTS ON BEVELED UNIT PAVERS ARE TO BE FROM MIDDLE OF UNIT PAVER AS REQUIRED TO ENSURE NO UNIT PAVERS HAVE A CUT EDGE ABUTTING A BEVELED EDGE.
- FOR ALL RADIAL APPLICATIONS IDENTIFIED, CUT UNIT PAVERS INTO WEDGES TO MAINTAIN MAXIMUM UNIT PAVER WIDTH, UNLESS NOTED OTHERWISE.
- DEFINITIONS:**
 - POINT OF BEGINNING:** AS STARTING UNIT PAVER LAYOUT TO FIT SPECIFIC DESIGN CONDITION IN ORDER TO HAVE ZERO CUTS.
 - CUT LINE:** DESIGNATED LOCATION TO CUT UNIT PAVERS TO MATCH UP ADJOINING UNIT PAVING FIELD. ADJOINING UNIT PAVING FIELDS SHOULD MATCH IN OVERALL UNIT PAVER MODULE (OR PATTERN) SO THE MODULE (OR PATTERN) APPEARS TO BE CONSISTENT ACROSS FIELDS.
 - UNIT PAVING FIELD:** MASS OF UNIT PAVERS RELYING ON A SINGLE POINT OF BEGINNING.

LEGEND:

- ORIENTATION OF UNIT PAVER PATTERN
- POINT OF BEGINNING FOR LAYOUT OF UNIT PAVING FIELD
- ALIGN WITH ADJACENT FEATURE
- RADIAL EDGE TO FOLLOW ADJACENT CURVE GEOMETRY
- EXPANSION JOINT IN CONCRETE PAVING
- TOP OF RAMP OR CURB RAMP
- BOTTOM OF RAMP OR CURB RAMP

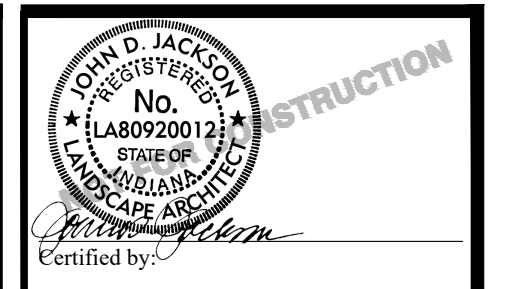
REFERENCE NOTES SCHEDULE

CODE	DESCRIPTION	DETAIL
PRECAST ARCHITECTURAL CONCRETE		
03-45-05	PRECAST CONCRETE WALL, REF: SITE PLAN	
RIGID PAVING		
32-13-01	CONCRETE PAVING, STANDARD, LIGHT DUTY	A1/L-701
UNIT PAVING		
32-14-06	16"x16" CONCRETE PAVER, 2" THICK, 'HEP-20' ECOPREMIER ARCHITECTURAL PAVER BY WAUSAU TILE	A5/L-701
32-14-07	12"x12" CONCRETE PAVER, 2" THICK, 'VAR-70' AURORA ARCHITECTURAL PAVER BY WAUSAU TILE	A5/L-701
32-14-08	6"x24" CONCRETE PAVER, 2" THICK, 'GTX-120' GRANITEX ARCHITECTURAL PAVER BY WAUSAU TILE	A5/L-701
32-14-09	24"x24" CONCRETE PAVER, 2" THICK, 'HEP-20' ECOPREMIER ARCHITECTURAL PAVER BY WAUSAU TILE	A5/L-701
32-14-10	12"x12" CONCRETE PAVER W/ ADA DETECTABLE WARNING SURFACE BY WAUSAU TILE, 2" THICK, COLOR TO MATCH ADJACENT	A5/L-701
32-14-11	HISTORICAL BRICK FROM INDIANAPOLIS MOTOR SPEEDWAY, CUT IN HALF TO MAKE PAVERS BY CONTRACTOR. CONTRACTOR TO SOURCE FROM BO-MAR INDUSTRIES, CONTACT: ADAM LEE, PH: (317) 899-1240.	
AGGREGATE SURFACING		
32-15-01	DECORATIVE GRAVEL, DARK GRAY, SIZED 1-1/4" TO 3/8"	D4/L-702



01 PAVING PLAN
SCALE 0 2.5' 5' 10'

02 PAVING PLAN
1" = 2'-0"



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9100 Harrison Park Court
Indianapolis, Indiana 46216
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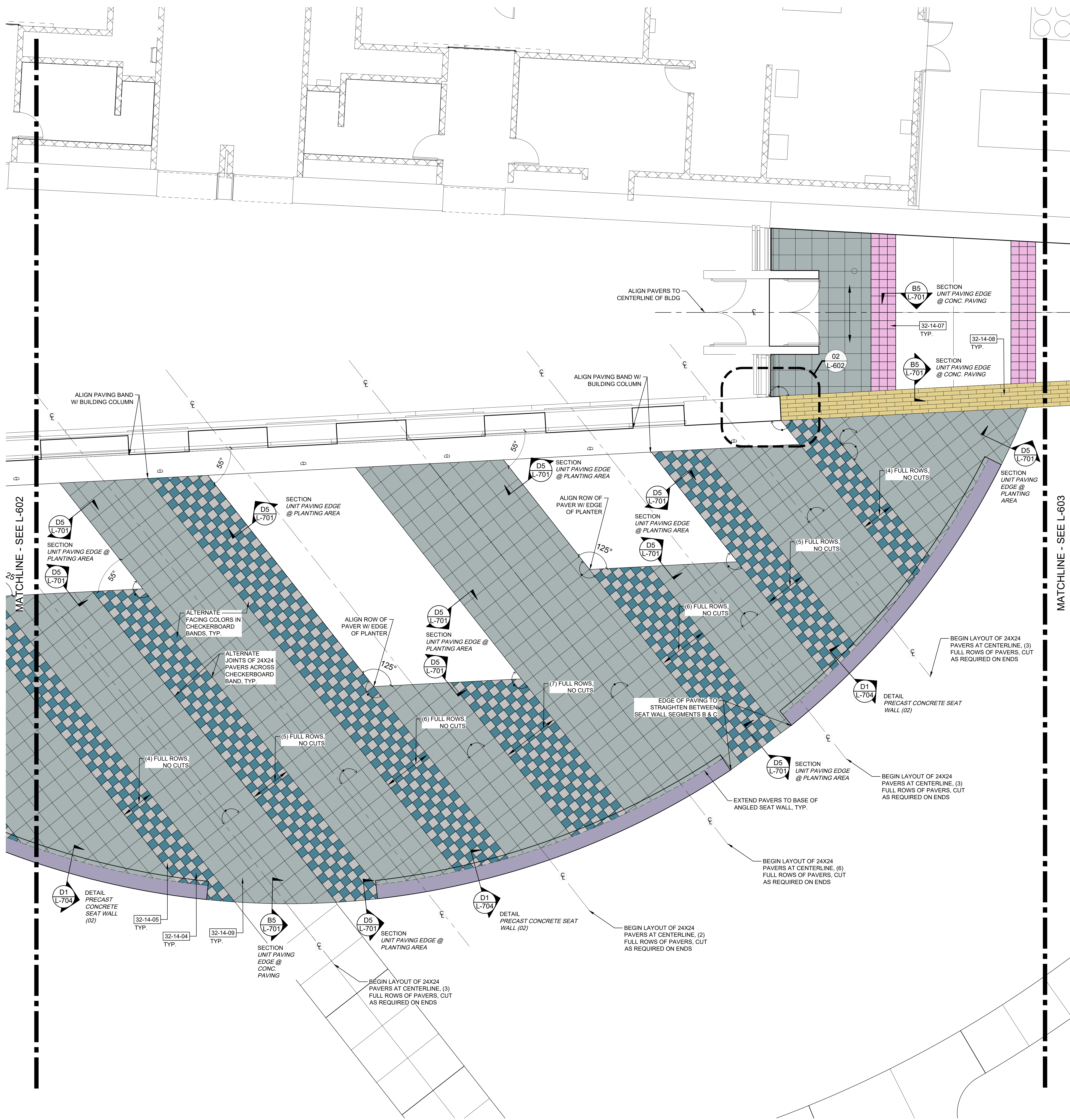
RATIO
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PUBLIC WORKS PROJECT NO. 84003001-22-058-C1
 REST AREA
 INDIANA

STATE OF INDIANA
 DEPARTMENT OF ADMINISTRATION
PUBLIC WORKS DIVISION
 ROOM 1642 INDIANA GOVERNMENT CENTER SOUTH
 402 WEST WASHINGTON STREET
 INDIANAPOLIS, INDIANA 46204
 317-232-3000

Revisions:

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DAPW Approval:	
Client Approval:	
Reference Number:	1364
Building Reference:	
Sheet Name:	PAVING PLAN
Drawing Number:	L-603



GENERAL NOTES | SPECIALTY PAVING PLANS:

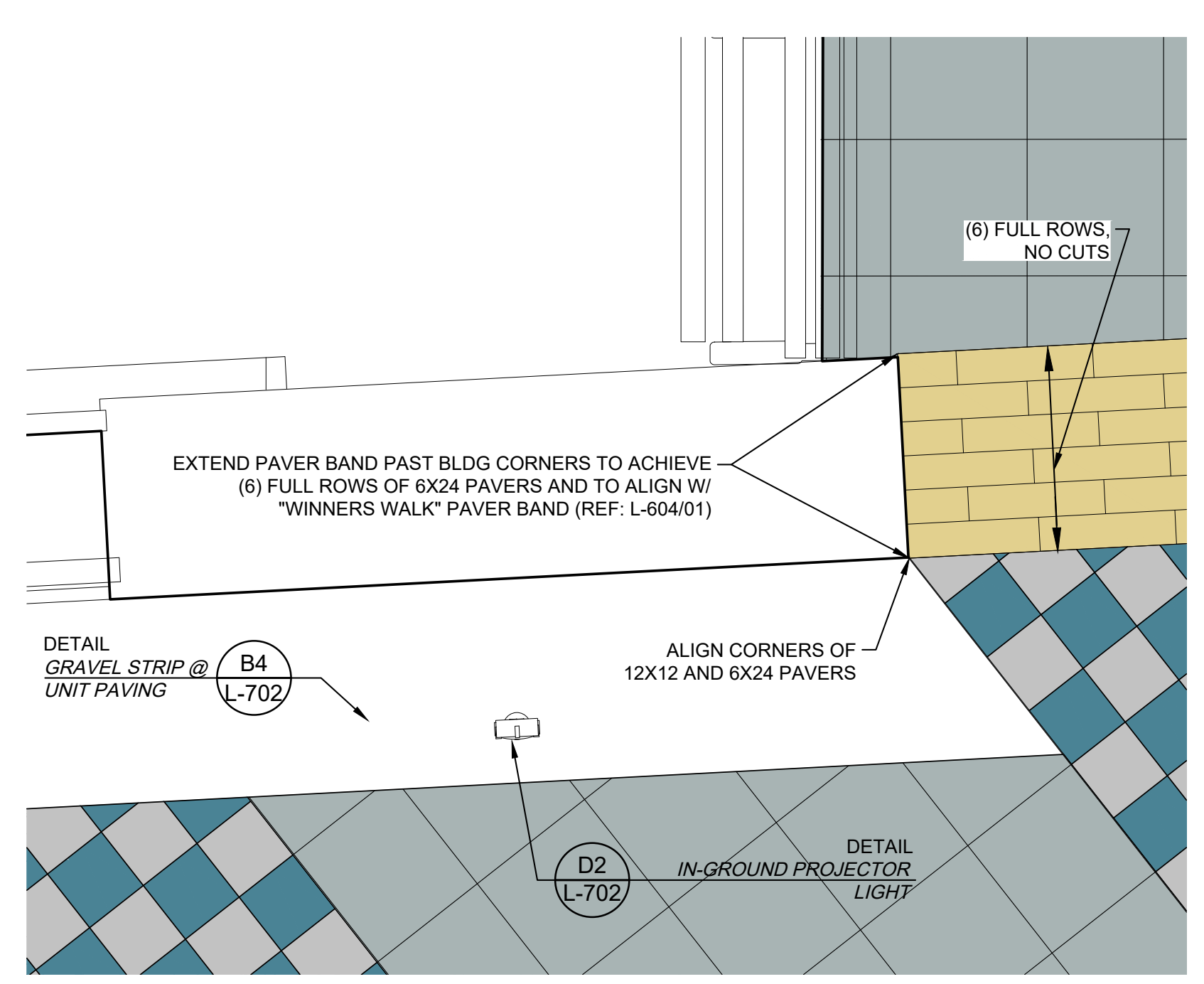
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- ALL FIELD CUTS SHALL BE PERFORMED TO MAINTAIN A MINIMUM 1/3 UNIT PAVEMENT WIDTH, UNLESS NOTED OTHERWISE.
- ALL CUTS ON BEVELED UNIT PAVERS ARE TO BE FROM MIDDLE OF UNIT PAVEMENT AS REQUIRED TO ENSURE NO UNIT PAVERS HAVE A CUT EDGE ABUTTING A BEVELED EDGE.
- FOR ALL RADIAL APPLICATIONS IDENTIFIED, CUT UNIT PAVERS INTO WEDGES TO MAINTAIN MAXIMUM UNIT PAVEMENT WIDTH, UNLESS NOTED OTHERWISE.
- DEFINITIONS:**
 - POINT OF BEGINNING:** AS STARTING UNIT PAVEMENT LAYOUT TO FIT SPECIFIC DESIGN CONDITION IN ORDER TO HAVE ZERO CUTS.
 - CUT LINE:** DESIGNATED LOCATION TO CUT UNIT PAVERS TO MATCH UP ADJOINING UNIT PAVING FIELD. ADJOINING UNIT PAVING FIELDS SHOULD MATCH IN OVERALL UNIT PAVEMENT MODULE (OR PATTERN) SO THE MODULE (OR PATTERN) APPEARS TO BE CONSISTENT ACROSS FIELDS.
 - UNIT PAVING FIELD:** MASS OF UNIT PAVERS RELYING ON A SINGLE POINT OF BEGINNING.

LEGEND:

- ORIENTATION OF UNIT PAVEMENT PATTERN
- POINT OF BEGINNING FOR LAYOUT OF UNIT PAVING FIELD
- ALIGN WITH ADJACENT FEATURE
- RADIAL EDGE TO FOLLOW ADJACENT CURVE GEOMETRY
- EXPANSION JOINT IN CONCRETE PAVING
- TOP OF RAMP OR CURB RAMP
- BOTTOM OF RAMP OR CURB RAMP

REFERENCE NOTES SCHEDULE

CODE	DESCRIPTION	DETAIL
PRECAST ARCHITECTURAL CONCRETE		
03-45-05	PRECAST CONCRETE WALL, REF: SITE PLAN	
RIGID PAVING		
32-13-01	CONCRETE PAVING, STANDARD, LIGHT DUTY	A1/L-701
UNIT PAVING		
32-14-06	16"x16" CONCRETE PAVER, 2" THICK, 'HEP-20' ECOPREMIER ARCHITECTURAL PAVER BY WAUSAU TILE	A5/L-701
32-14-07	12"x12" CONCRETE PAVER, 2" THICK, 'VAR-70' AURORA ARCHITECTURAL PAVER BY WAUSAU TILE	A5/L-701
32-14-08	6"x24" CONCRETE PAVER, 2" THICK, 'GTX-120' GRANITEX ARCHITECTURAL PAVER BY WAUSAU TILE	A5/L-701
32-14-09	24"x24" CONCRETE PAVER, 2" THICK, 'HEP-20' ECOPREMIER ARCHITECTURAL PAVER BY WAUSAU TILE	A5/L-701
32-14-10	12"x12" CONCRETE PAVER W/ ADA DETECTABLE WARNING SURFACE BY WAUSAU TILE, 2" THICK, COLOR TO MATCH ADJACENT	A5/L-701
32-14-11	HISTORICAL BRICK FROM INDIANAPOLIS MOTOR SPEEDWAY, CUT IN HALF TO MAKE PAVERS BY CONTRACTOR. CONTRACTOR TO SOURCE FROM BO-MAR INDUSTRIES, CONTACT: ADAM LEE, PH: (317) 899-1240.	
AGGREGATE SURFACING		
32-15-01	DECORATIVE GRAVEL, DARK GRAY, SIZED 1-1/4" TO 3/8"	D4/L-702



01 PAVING PLAN SCALE 0 2.5' 5' 10'

02 PAVING PLAN 1" = 2'-0"

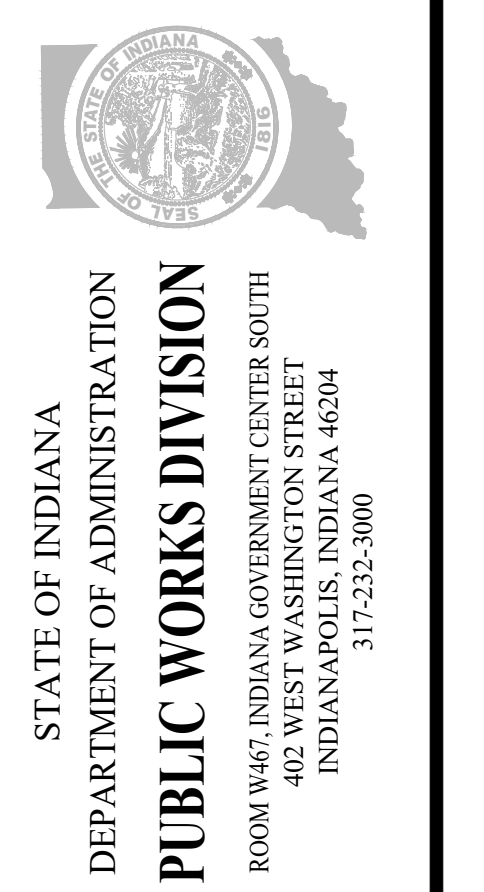


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PUBLIC WORKS PROJECT NO. 84003001-22-058-C1
REST AREA
INDIANA



STATE OF INDIANA
DEPARTMENT OF ADMINISTRATION
PUBLIC WORKS DIVISION
ROOM 1645 INDIANA GOVERNMENT CENTER SOUTH
402 WEST WASHINGTON STREET
INDIANAPOLIS, INDIANA 46204
317-232-3000

Revisions:

Project Number:	84003001-22-058-C1
Requisition Number:	REST AREA
Account Number:	
Designer:	RATIO
Drawing Date:	2023/02/23
Drafter:	
Drawing Scale:	
DAPW Approval:	
Client Approval:	
Reference Number:	1364
Building Reference:	
Sheet Name:	PAVING PLAN
Drawing Number:	L-604

Last Saved By: jmansoni Printed: 2/23/23 File Path: C:\Users\jmansoni\OneDrive\Documents\Projects\84003001-22-058-C1\Drawings\PAVING PLAN - REST AREA - L-604.dwg Date: 2/23/23 3:18:57 pm

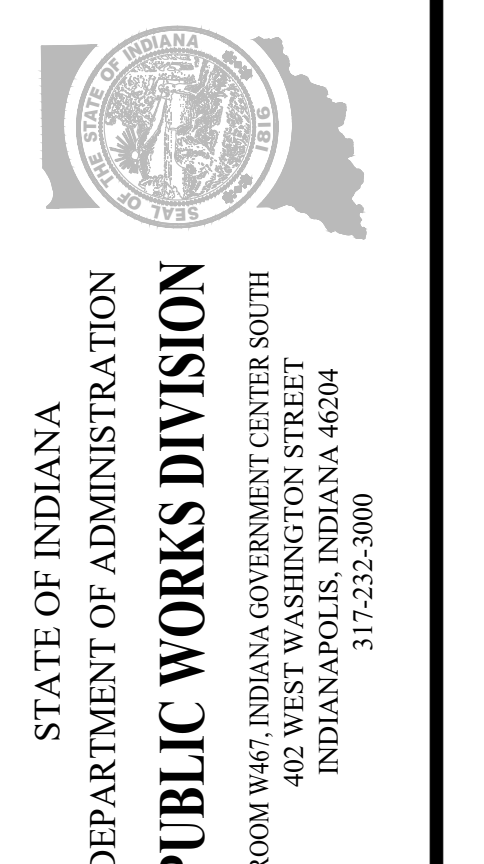


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PUBLIC WORKS PROJECT NO. 84003001-22-058-C1
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Revisions:

Project Number:	84003001-22-058-C1
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Drafter:	
Drawing Scale:	
DAPW Approval:	
Client Approval:	
Reference Number:	1364
Building Reference:	
Sheet Name:	PAVING PLAN
Drawing Number:	L-605

GENERAL NOTES | SPECIALTY PAVING PLANS:

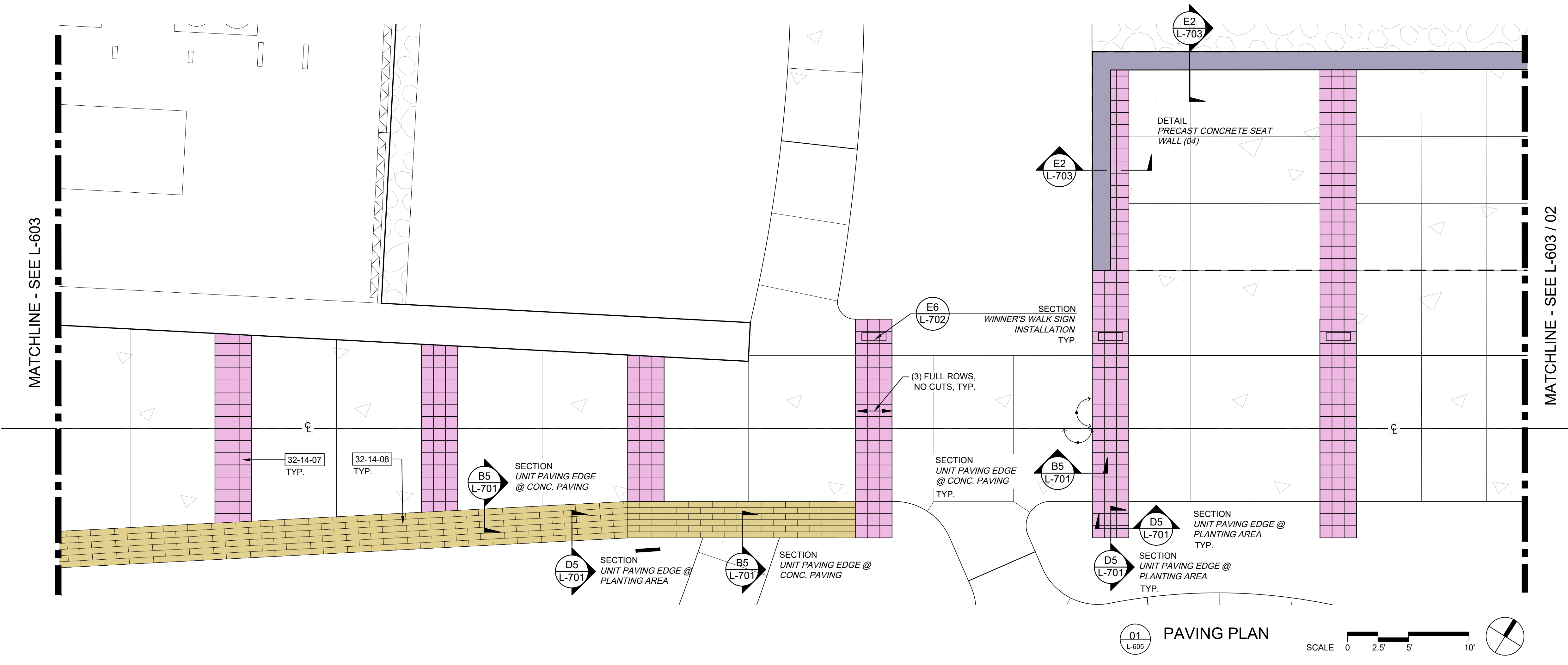
- WORK SHOWN ON THE DRAWINGS SHALL BE BASE BID UNLESS SPECIFICALLY NOTED TO BE BY ALTERNATE BID.
- COORDINATE ALL WORK WITH OTHER DESIGN DISCIPLINES.
- EXISTING AND PROPOSED UTILITIES THAT ARE SHOWN ARE FOR REFERENCE ONLY. REFER TO THE SITE SURVEY FOR EXISTING UTILITIES AND VERIFY ALL IN THE FIELD. REFER TO THE SITE ELECTRICAL PLAN FOR PROPOSED SITE LIGHTING AND POWER DISTRIBUTION EQUIPMENT. REFER TO CIVIL DRAWINGS FOR ALL OTHER PROPOSED UTILITIES.
- REFERENCE NOTES SCHEDULE MAY APPEAR ON MULTIPLE SHEETS. NOT ALL REFERENCE NOTES APPEAR ON EACH SHEET.
- UNIT PAVERS TO BE SET PARALLEL / PERPENDICULAR WITH STREET CURB UNLESS OTHERWISE NOTED.
- UNIT PAVERS TO HAVE A CONSISTENT SAND SWEEP JOINT IN ACCORDANCE WITH THE SPECIFICATIONS. UNIT PAVERS SHALL BE INSTALLED TO ALIGN JOINTS WITH ADJACENT UNIT PAVER JOINTS, FACE OF LIMESTONE PLANTER CURB, INTEGRAL CONCRETE CURB, BACK OF STREET CURB, AND ALL CONCRETE UNLESS OTHERWISE NOTED.
- ALL FIELD CUTS SHALL BE PERFORMED TO MAINTAIN A MINIMUM 1/3 UNIT PAVER WIDTH, UNLESS NOTED OTHERWISE.
- ALL CUTS ON BEVELED UNIT PAVERS ARE TO BE FROM MIDDLE OF UNIT PAVER AS REQUIRED TO ENSURE NO UNIT PAVERS HAVE A CUT EDGE ABUTTING A BEVELED EDGE.
- FOR ALL RADIAL APPLICATIONS IDENTIFIED, CUT UNIT PAVERS INTO WEDGES TO MAINTAIN MAXIMUM UNIT PAVER WIDTH, UNLESS NOTED OTHERWISE.
- DEFINITIONS:**
 - POINT OF BEGINNING:** AS STARTING UNIT PAVER LAYOUT TO FIT SPECIFIC DESIGN CONDITION IN ORDER TO HAVE ZERO CUTS.
 - CUT LINE:** DESIGNATED LOCATION TO CUT UNIT PAVERS TO MATCH UP ADJOINING UNIT PAVING FIELD. ADJOINING UNIT PAVING FIELDS SHOULD MATCH IN OVERALL UNIT PAVER MODULE (OR PATTERN) SO THE MODULE (OR PATTERN) APPEARS TO BE CONSISTENT ACROSS FIELDS.
 - UNIT PAVING FIELD:** MASS OF UNIT PAVERS RELYING ON A SINGLE POINT OF BEGINNING.

LEGEND:

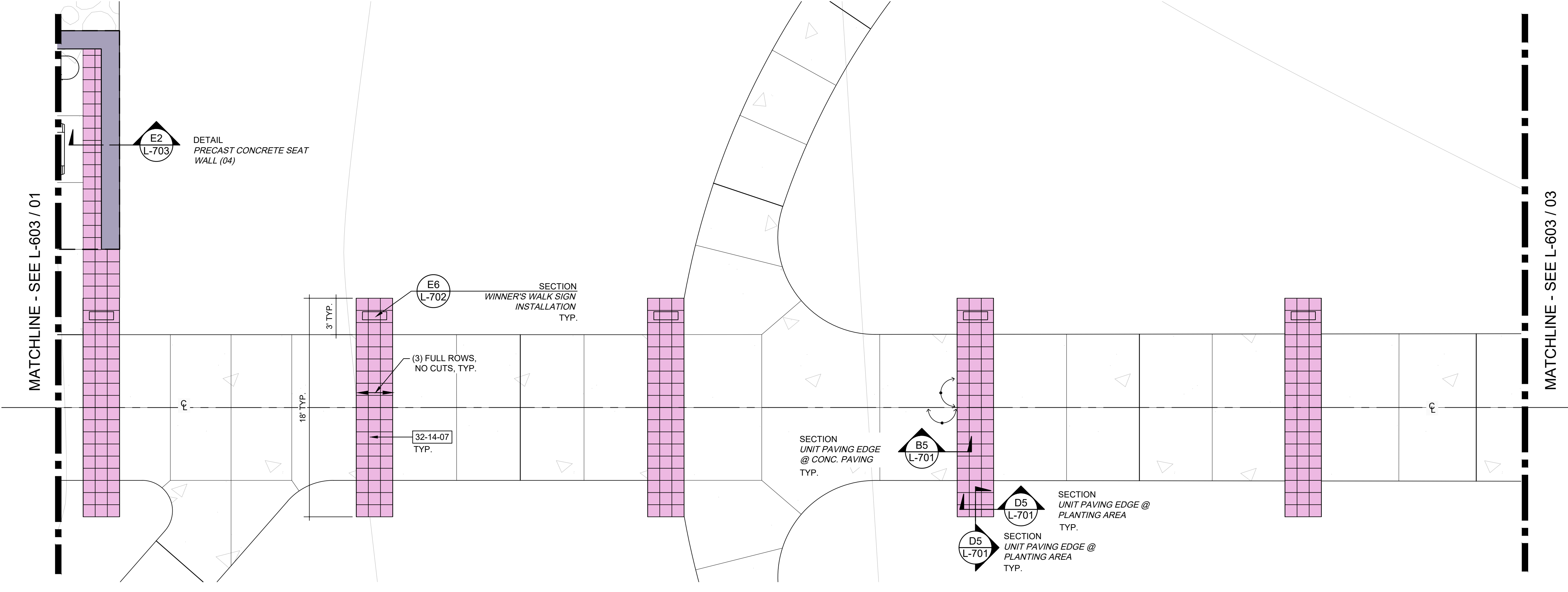
- ORIENTATION OF UNIT PAVER PATTERN
- RADIAL EDGE TO FOLLOW ADJACENT CURVE GEOMETRY
- POINT OF BEGINNING FOR LAYOUT OF UNIT PAVING FIELD
- EXPANSION JOINT IN CONCRETE PAVING
- TOP OF RAMP OR CURB RAMP
- BOTTOM OF RAMP OR CURB RAMP
- ALIGN WITH ADJACENT FEATURE

REFERENCE NOTES SCHEDULE

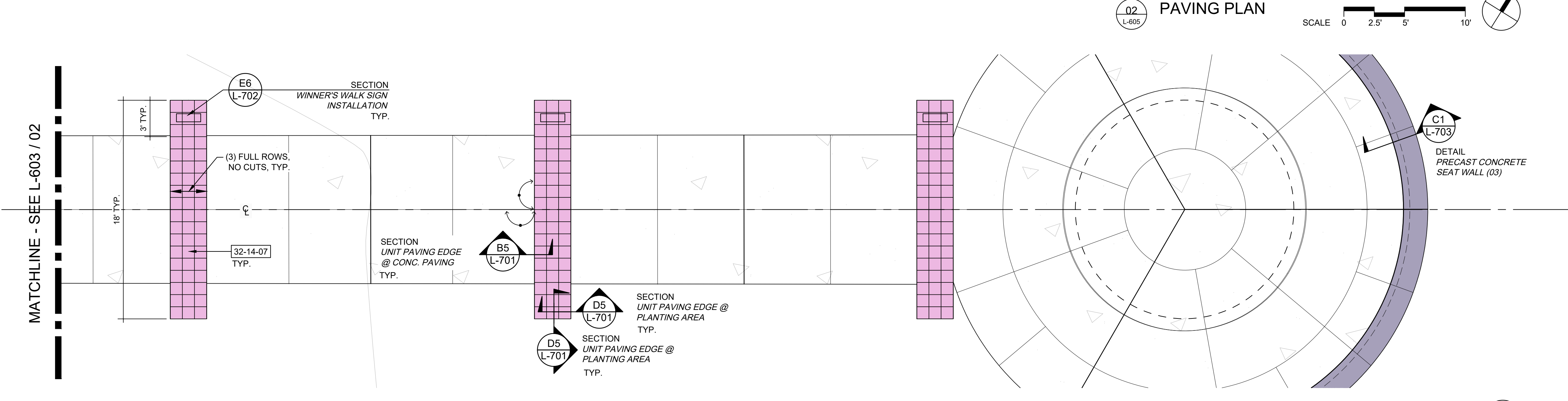
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DESCRIPTION		
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AGGREGATE SURFACING		
32-15-01	DECORATIVE GRAVEL, DARK GRAY, SIZED 1-1/4" TO 3/8"	D4/L-702



01 PAVING PLAN SCALE 0 2.5' 5' 10'

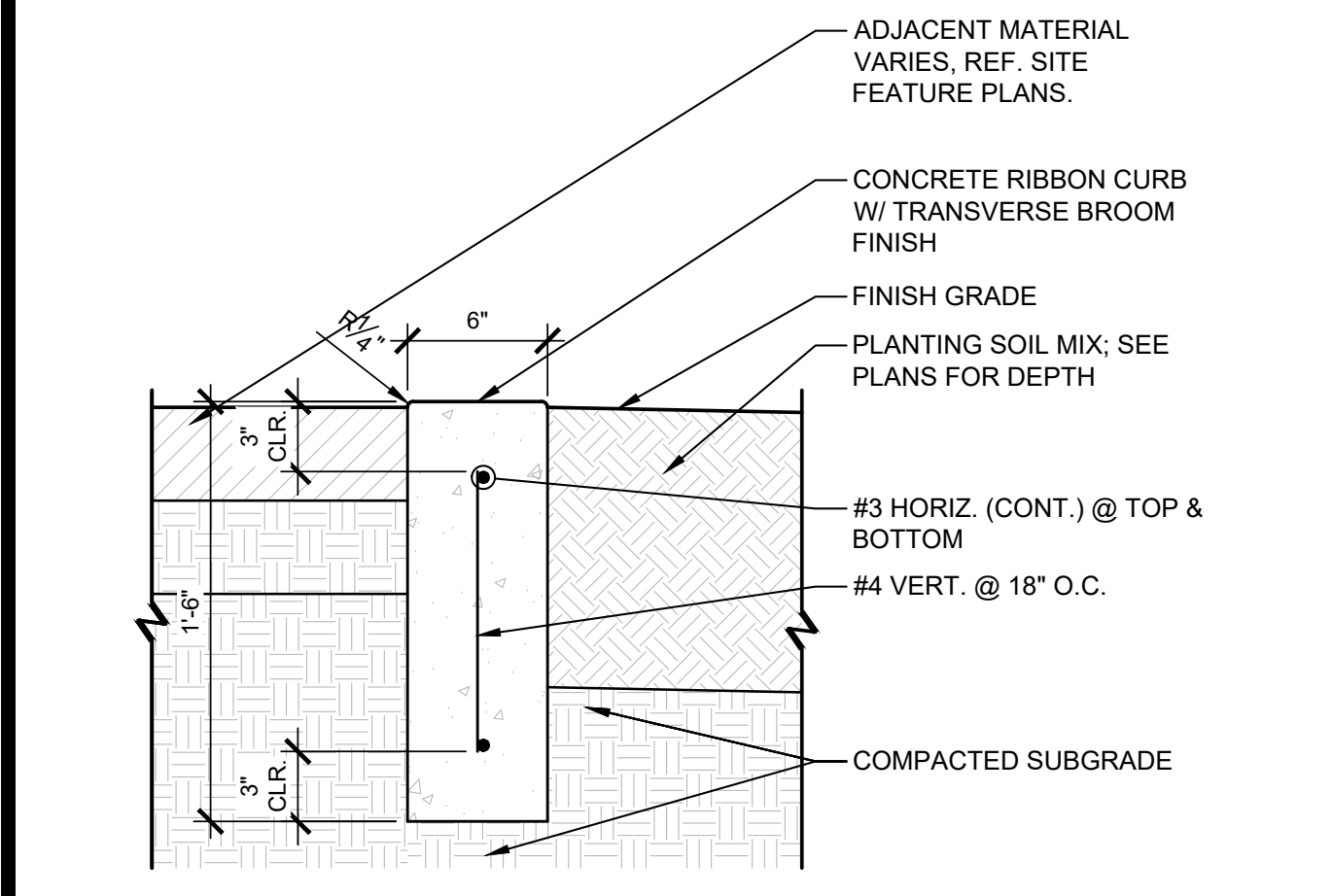


02 PAVING PLAN SCALE 0 2.5' 5' 10'

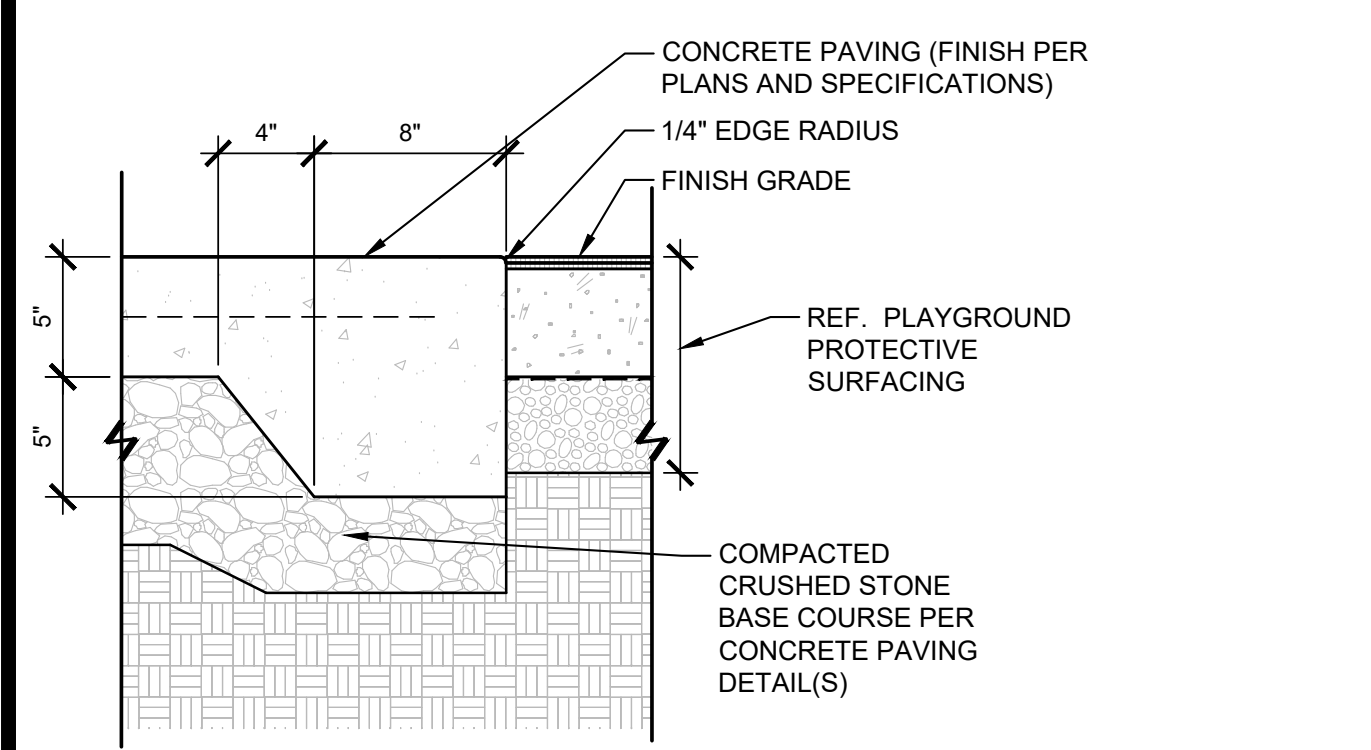


03 PAVING PLAN SCALE 0 2.5' 5' 10'

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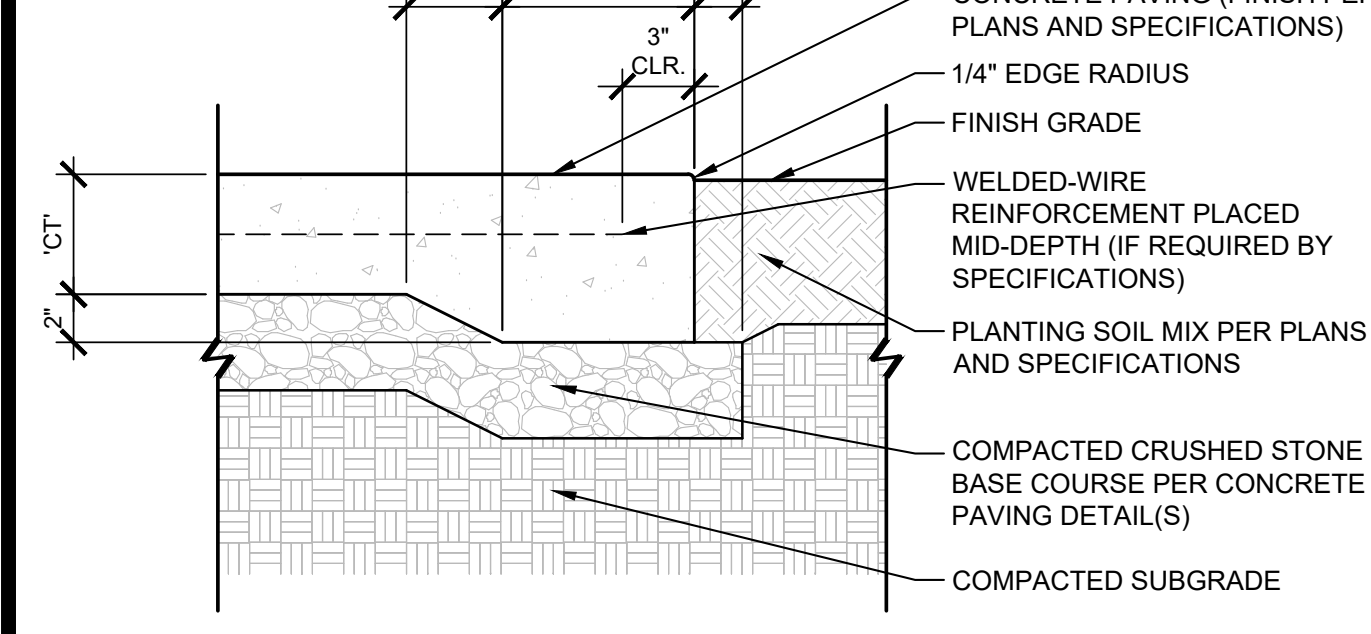
SECTION | CONCRETE RIBBON CURB - 6"
1 1/2" = 1'-0"



DETAIL | CONCRETE RIBBON CURB - 12"
1 1/2" = 1'-0"

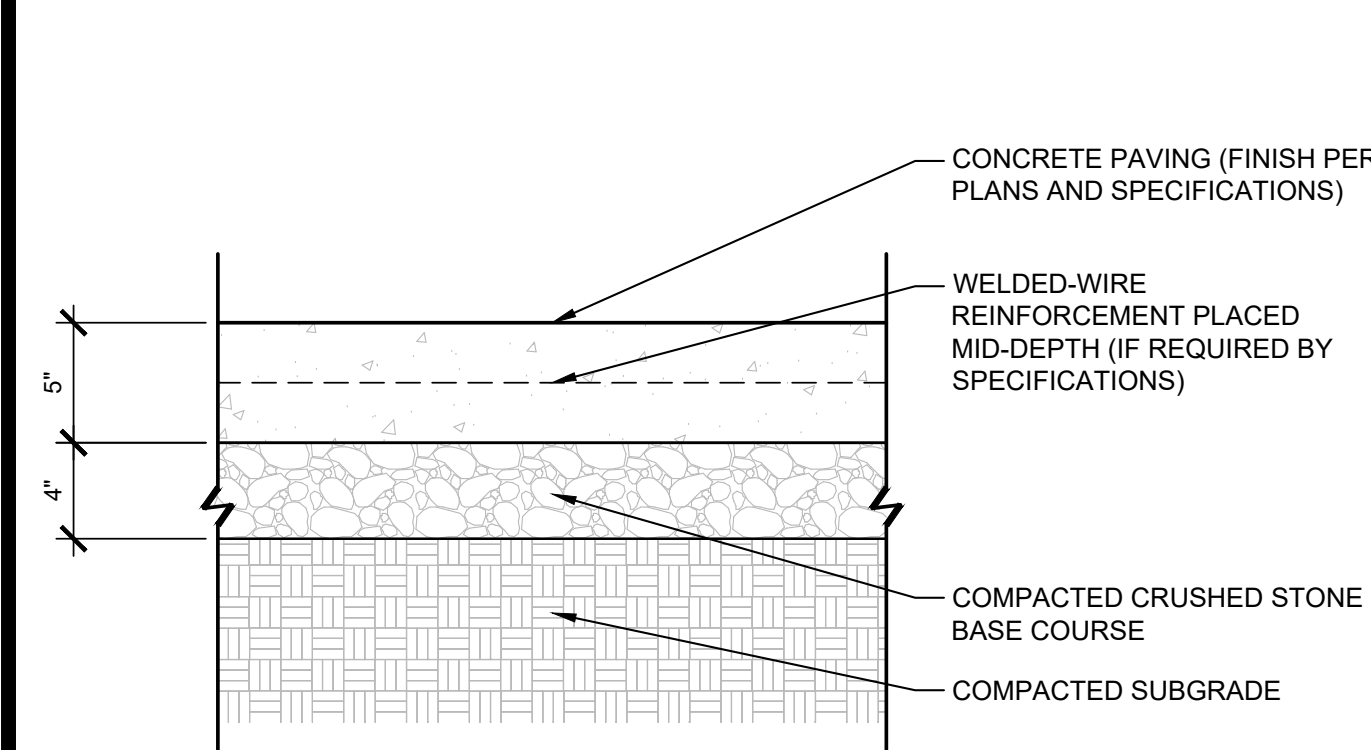
NOTES:
1. SEE DIVISIONS 31 AND 32 OF THE SPECIFICATIONS FOR ADDITIONAL INFORMATION.
2. COMPLY WITH PRIMARY CONCRETE PAVING SECTION DETAILS AS IDENTIFIED ON PLANS.

AT PLAYGROUND PROTECTIVE SURFACING CONC. PAVING (EDGE TRANSITION)
1 1/2" = 1'-0"



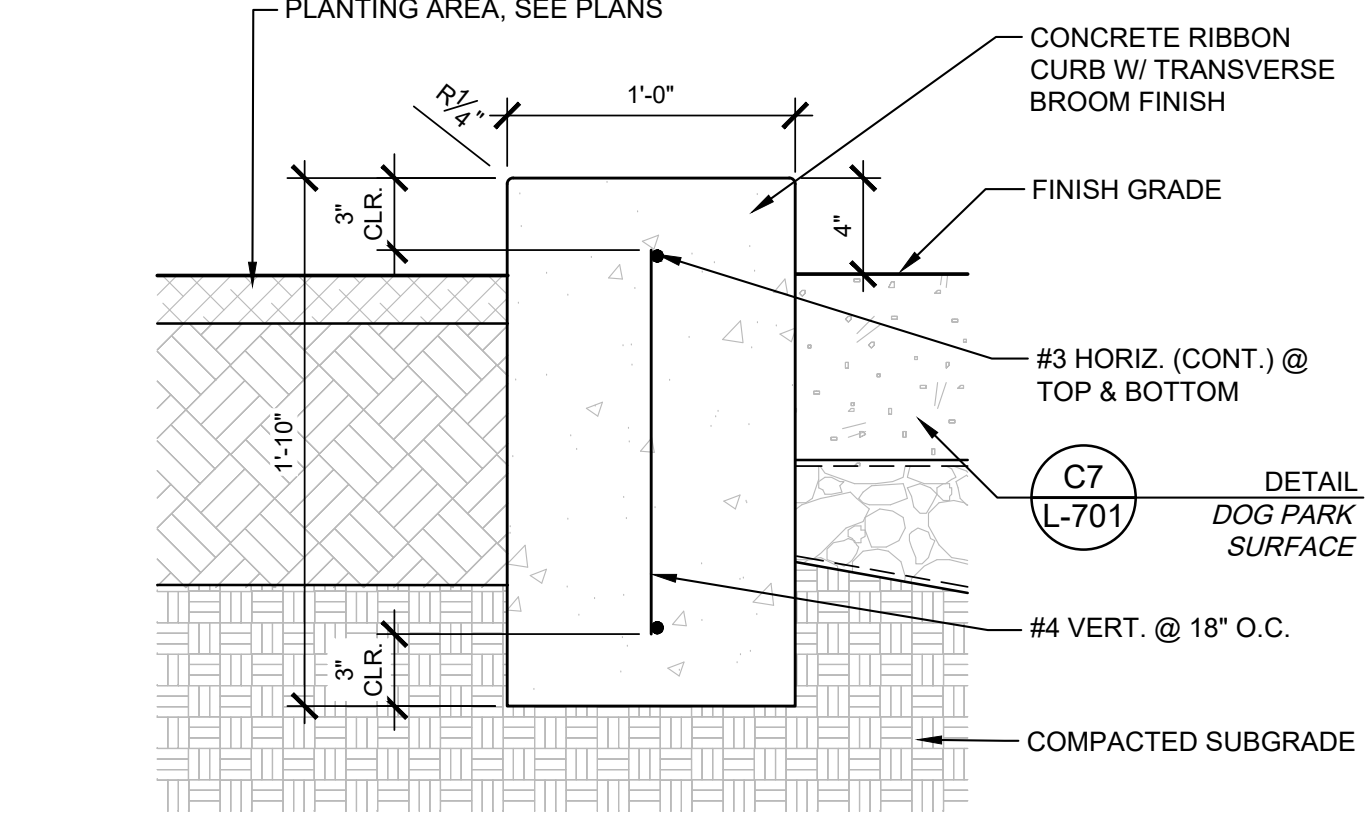
NOTES:
1. SEE DIVISIONS 31 AND 32 OF THE SPECIFICATIONS FOR ADDITIONAL INFORMATION.
2. COMPLY WITH PRIMARY CONCRETE PAVING SECTION DETAILS AS IDENTIFIED ON PLANS.
3. 'CT' = NOMINAL CONCRETE PAVING THICKNESS.
4. **CONCRETE PAVING JOINTS:** SEE PLANS FOR JOINT TYPES AND LOCATIONS. SEE XX/00 FOR JOINT DETAILS.
5. **REINTEGRANT CORNERS:** ALL REINTEGRANT CORNERS SHALL BE REINFORCED. SEE XX/00 FOR REINTEGRANT CORNER REINFORCING DETAILS.
6. **PIPE PENETRATIONS:** ALL PIPE PENETRATIONS SHALL BE REINFORCED. SEE XX/00 FOR PIPE PENETRATION REINFORCING DETAILS.

SECTION | CONCRETE PAVING (EDGE TRANSITION)
1 1/2" = 1'-0"



NOTES:
1. SEE DIVISIONS 31 AND 32 OF THE SPECIFICATIONS FOR ADDITIONAL INFORMATION.
2. **CONCRETE PAVING JOINTS:** SEE PLANS FOR JOINT TYPES AND LOCATIONS. SEE DETAILS THIS SHEET FOR JOINT DETAILS.
3. **REINTEGRANT CORNERS:** ALL REINTEGRANT CORNERS SHALL BE REINFORCED. SEE DETAILS THIS SHEET FOR REINTEGRANT CORNER REINFORCING DETAILS.
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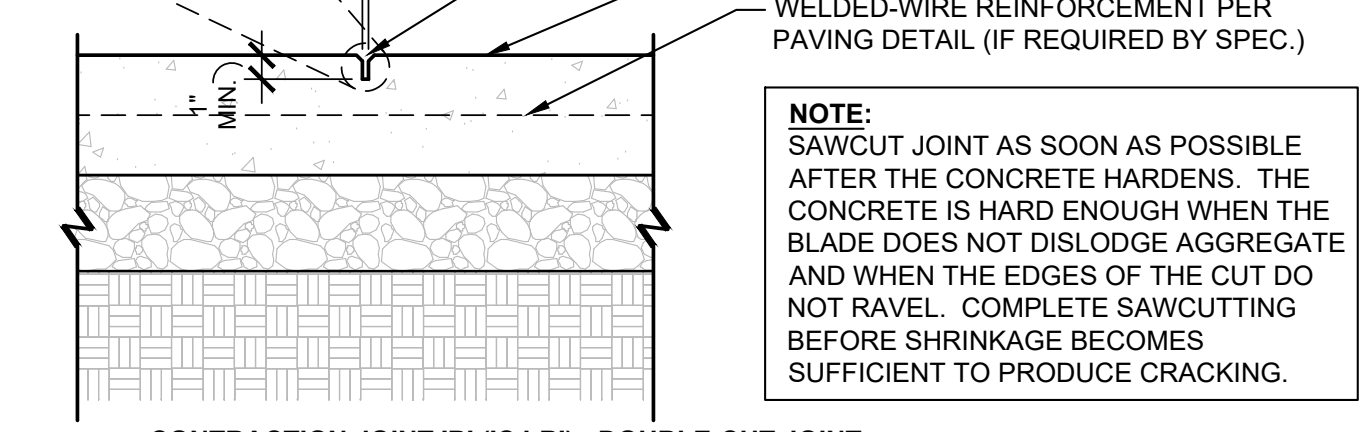
SECTION | CONCRETE PAVING (LIGHT DUTY)
1 1/2" = 1'-0"



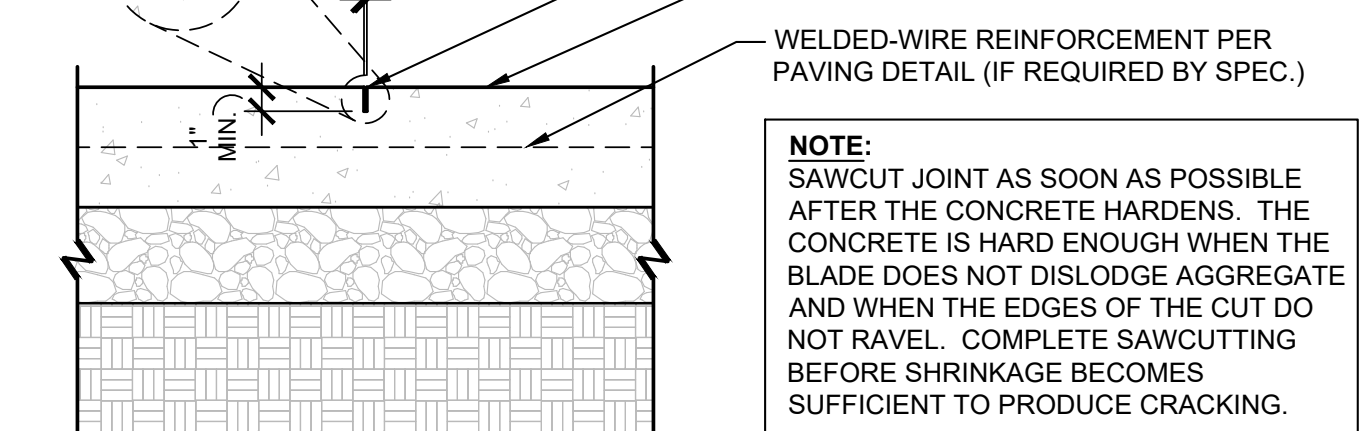
SECTION | CONCRETE RIBBON CURB - 6"
1 1/2" = 1'-0"



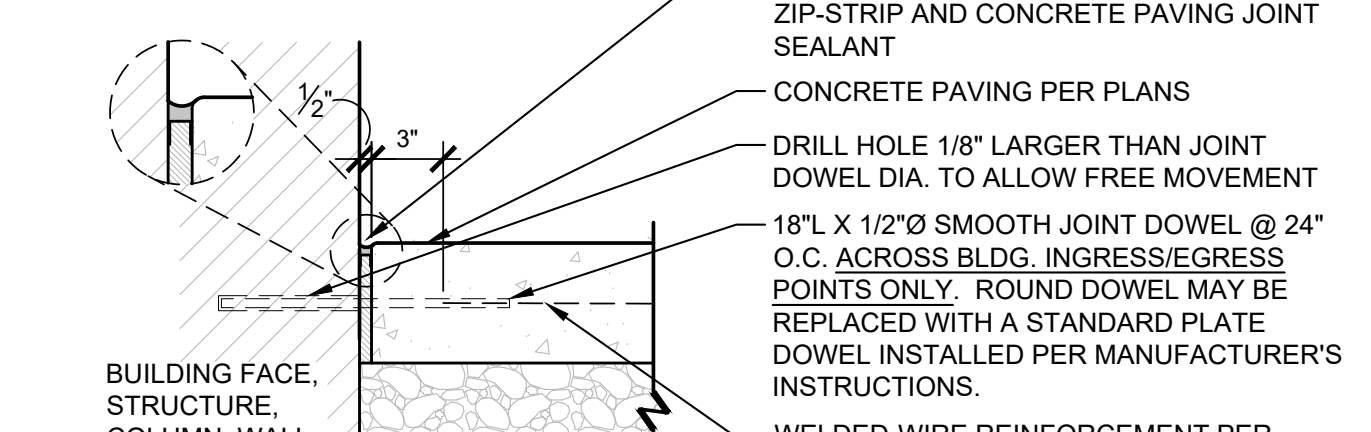
SECTION | CONCRETE RIBBON CURB - 12"
1 1/2" = 1'-0"



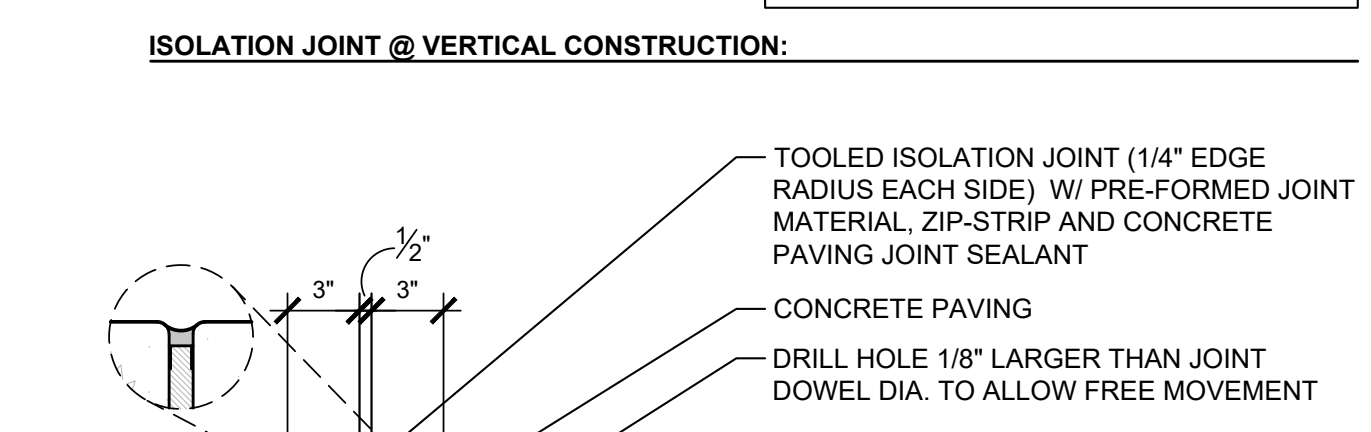
CONCRETE PAVING PER PLANS



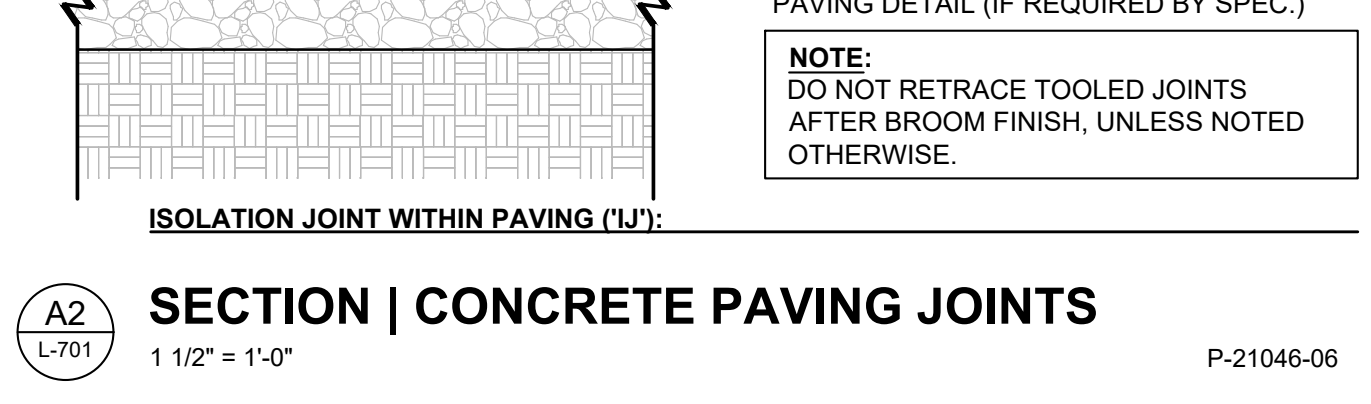
CONCRETE PAVING PER PLANS



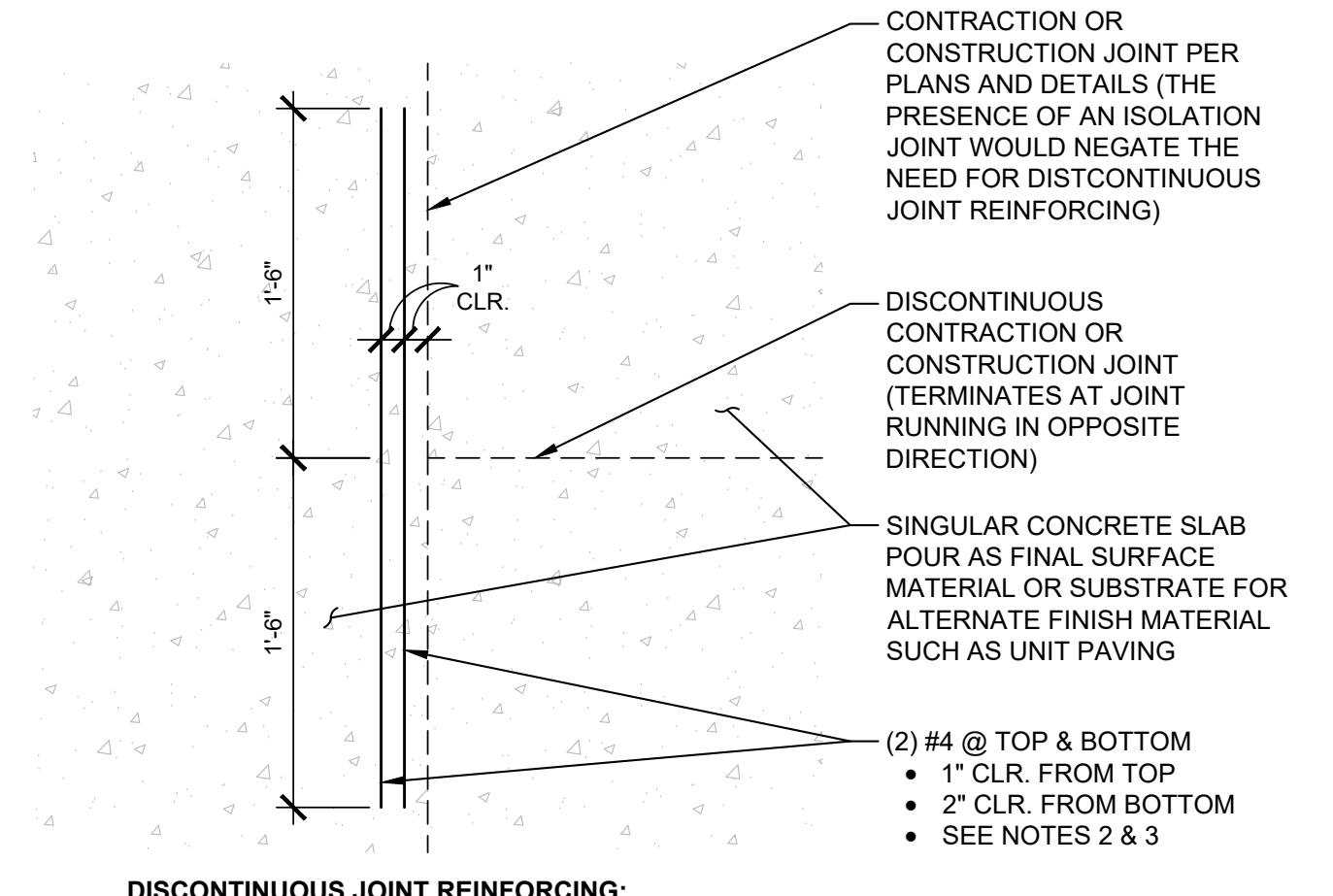
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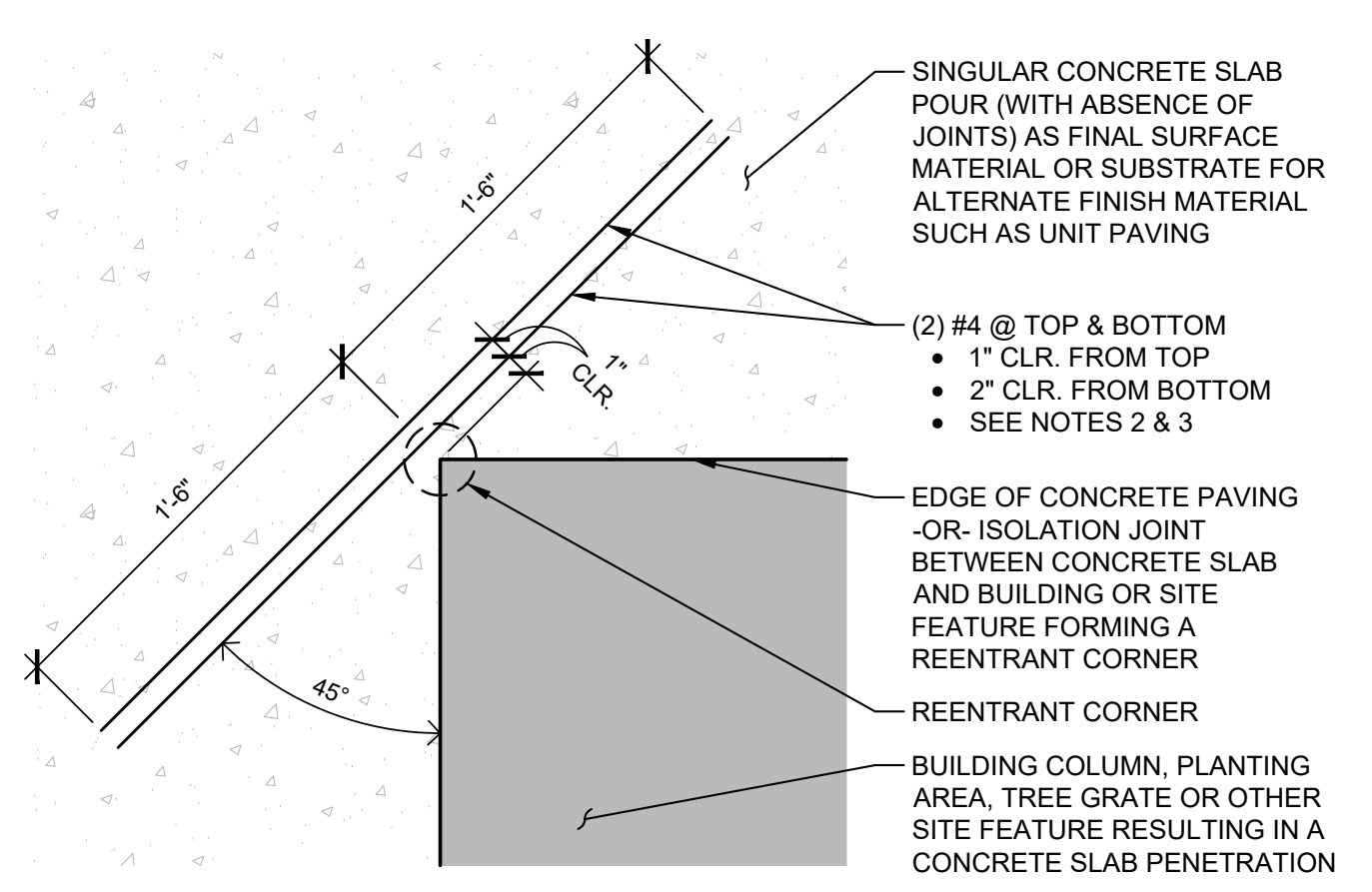
CONCRETE PAVING PER PLANS



CONCRETE PAVING PER PLANS



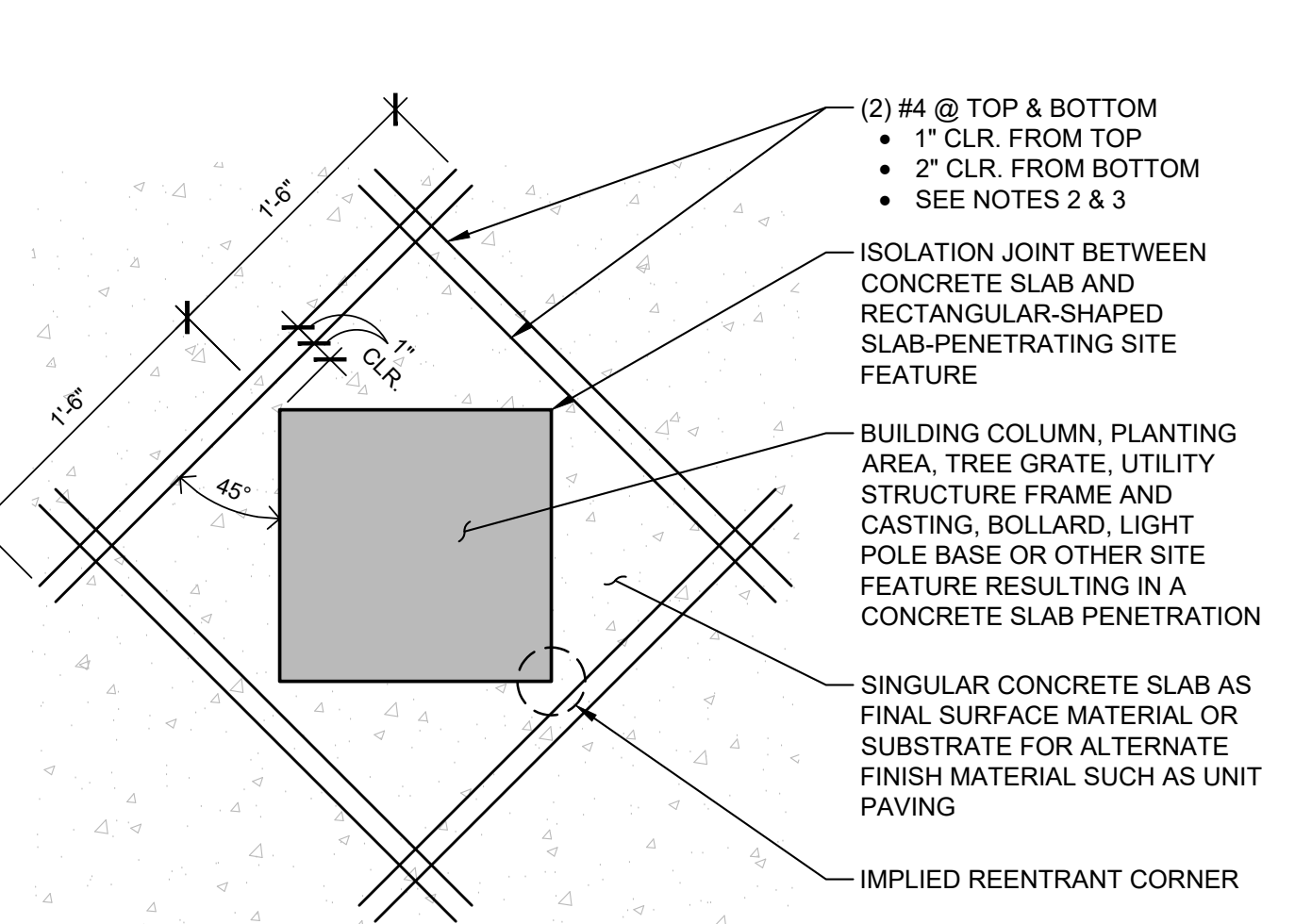
DISCONTINUOUS JOINT REINFORCING:



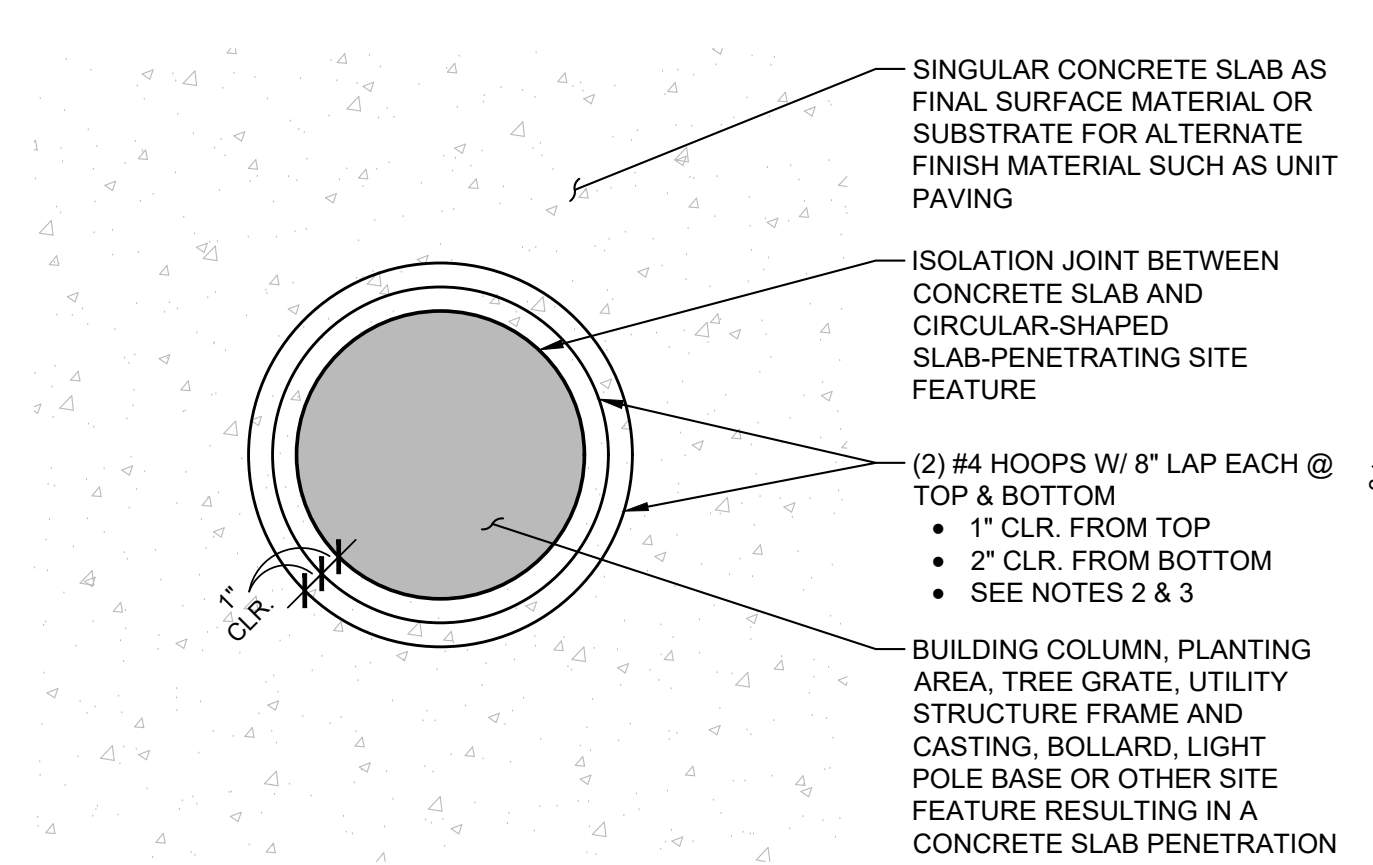
REINTEGRANT (INSIDE) CORNER REINFORCING:

NOTES:
1. SEE DIVISION 32 OF THE SPECIFICATIONS FOR ADDITIONAL INFORMATION.
2. DO NOT LET REINFORCEMENT CROSS SAWCUTS NEARBY OR OTHER JOINTS THAT ALLOW FOR MOVEMENT.
3. BOTTOM REINFORCEMENT IS REQUIRED ONLY FOR SLABS GREATER THAN OR EQUAL TO 6-INCHES IN DEPTH. TOP REINFORCEMENT IS REQUIRED AT ALL INSTANCES.

SPECIAL CONDITIONS PLAN DETAIL | CONCRETE PAVING REINFORCING
1 1/2" = 1'-0"



SPECIAL CONDITIONS PLAN DETAIL | CONCRETE PAVING REINFORCING



RECTANGULAR SLAB PENETRATION REINFORCING:

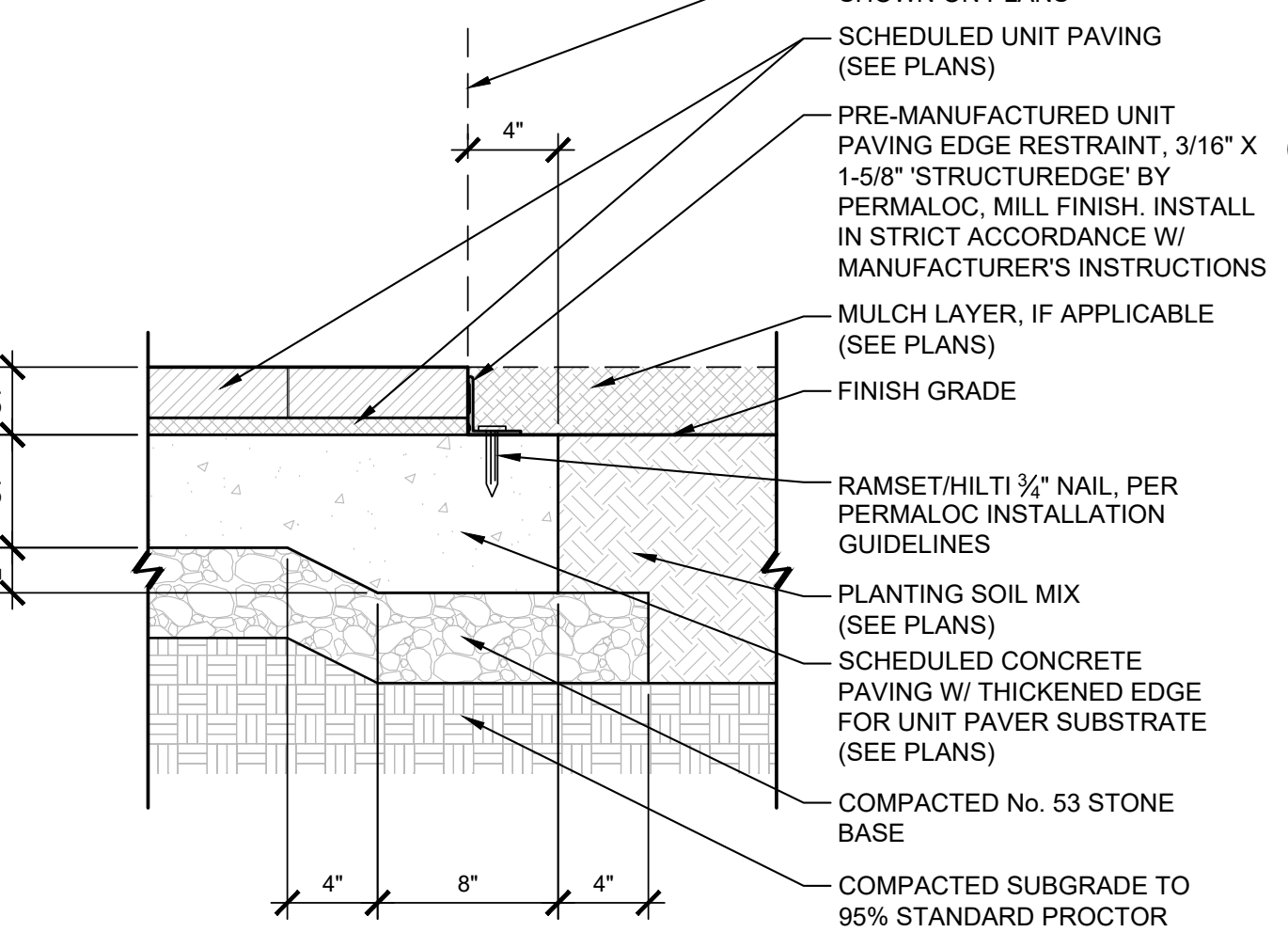
NOTES:
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2. DO NOT LET REINFORCEMENT CROSS SAWCUTS NEARBY OR OTHER JOINTS THAT ALLOW FOR MOVEMENT.
3. BOTTOM REINFORCEMENT IS REQUIRED ONLY FOR SLABS GREATER THAN OR EQUAL TO 6-INCHES IN DEPTH. TOP REINFORCEMENT IS REQUIRED AT ALL INSTANCES.

SLAB PENETRATIONS PLAN DETAIL | CONCRETE PAVING REINFORCING
1 1/2" = 1'-0"

SLAB PENETRATIONS PLAN DETAIL | CONCRETE PAVING REINFORCING

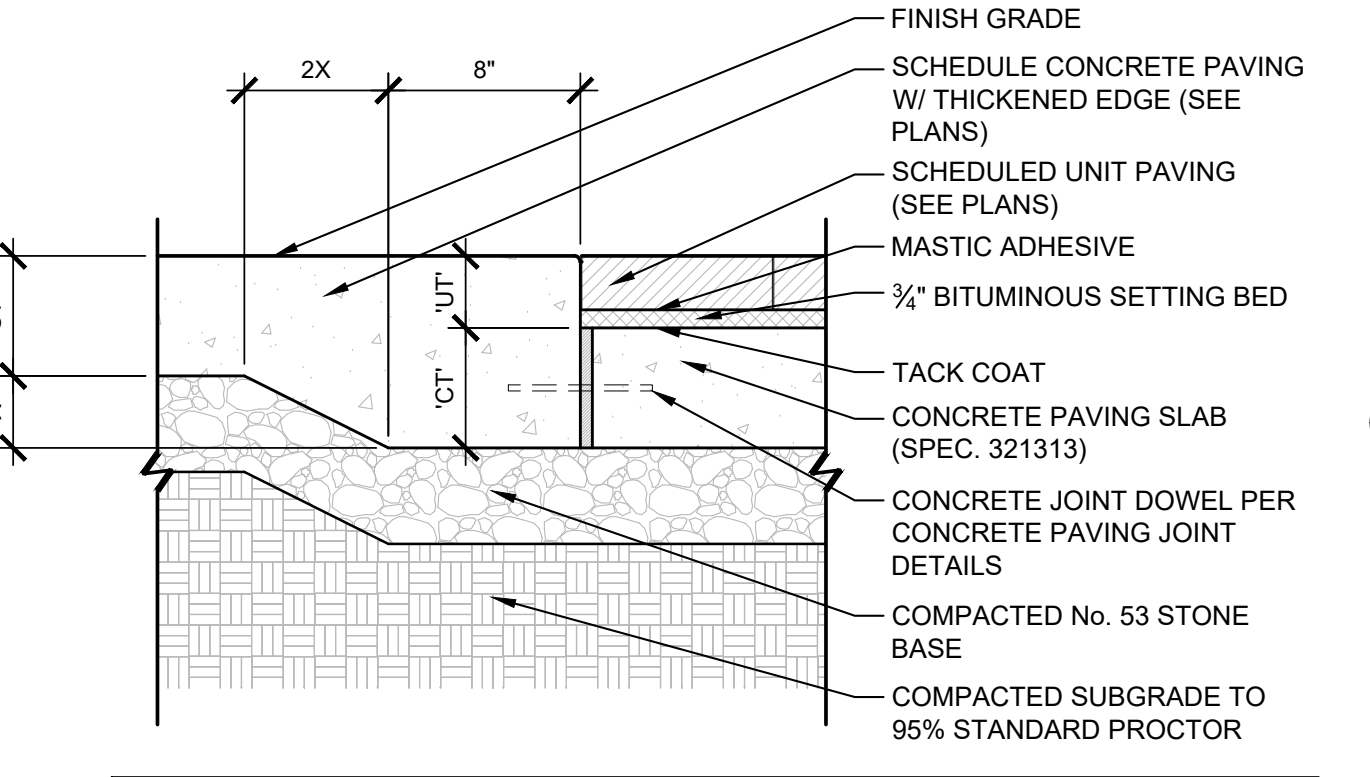


BITUMINOUS SETTING BED APPLICATION SECTION | UNIT PAVING TERMINATION @ WALL
1 1/2" = 1'-0"



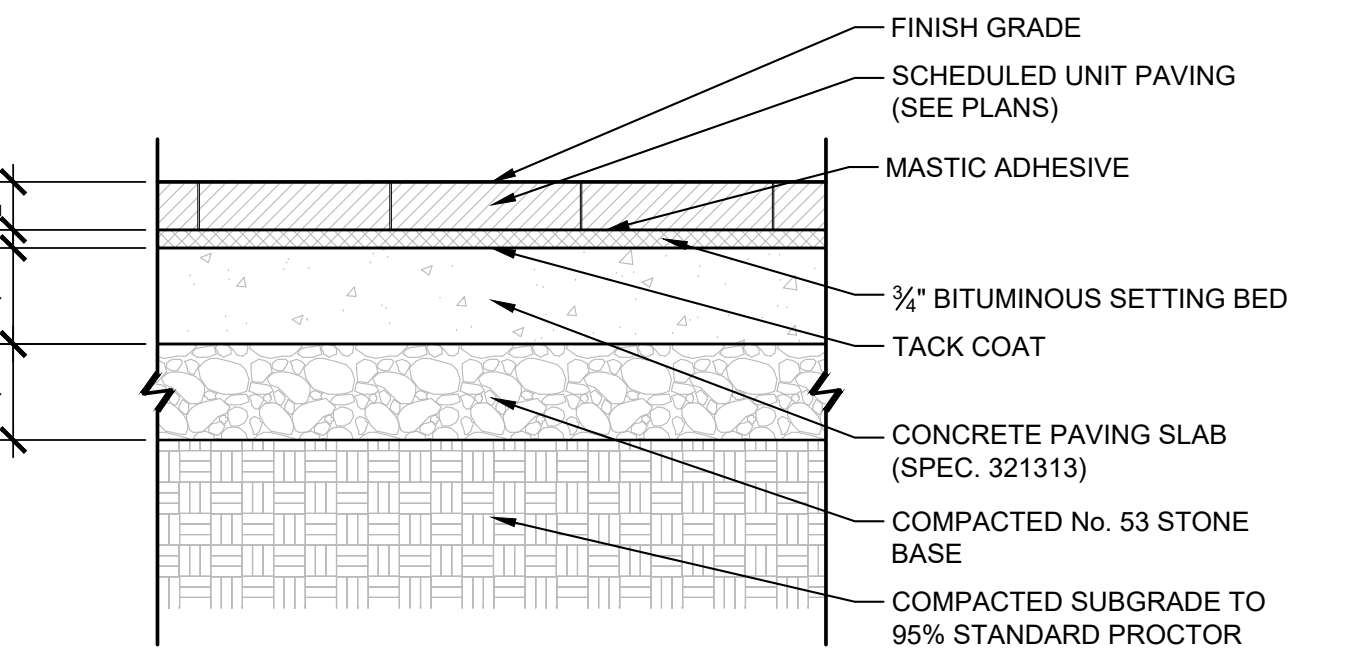
NOTES:
1. SEE DIVISION 32 OF THE SPECIFICATIONS FOR ADDITIONAL INFORMATION.
2. COMPLY WITH PRIMARY UNIT PAVING SECTION DETAILS IDENTIFIED ON PLANS.
3. 'CT' = NOMINAL CONCRETE PAVING THICKNESS. 'UT' = NOMINAL UNIT PAVING AND SETTING BED THICKNESS. SEE PLANS AND UNIT PAVING DETAILS FOR ADDITIONAL INFORMATION.
4. SUBMIT PRODUCT DATA FOR PRE-MANUFACTURED UNIT PAVING EDGE RESTRAINT FOR REVIEW.

BITUMINOUS SETTING BED APPLICATION SECTION | UNIT PAVING EDGE @ PLANTING AREA
1 1/2" = 1'-0"



NOTES:
1. SEE DIVISION 32 OF THE SPECIFICATIONS FOR ADDITIONAL INFORMATION.
2. COMPLY WITH PRIMARY UNIT PAVING SECTION DETAILS IDENTIFIED ON PLANS.
3. 'CT' = NOMINAL CONCRETE PAVING THICKNESS. 'UT' = NOMINAL UNIT PAVING AND SETTING BED THICKNESS. SEE PLANS AND UNIT PAVING DETAILS FOR ADDITIONAL INFORMATION.

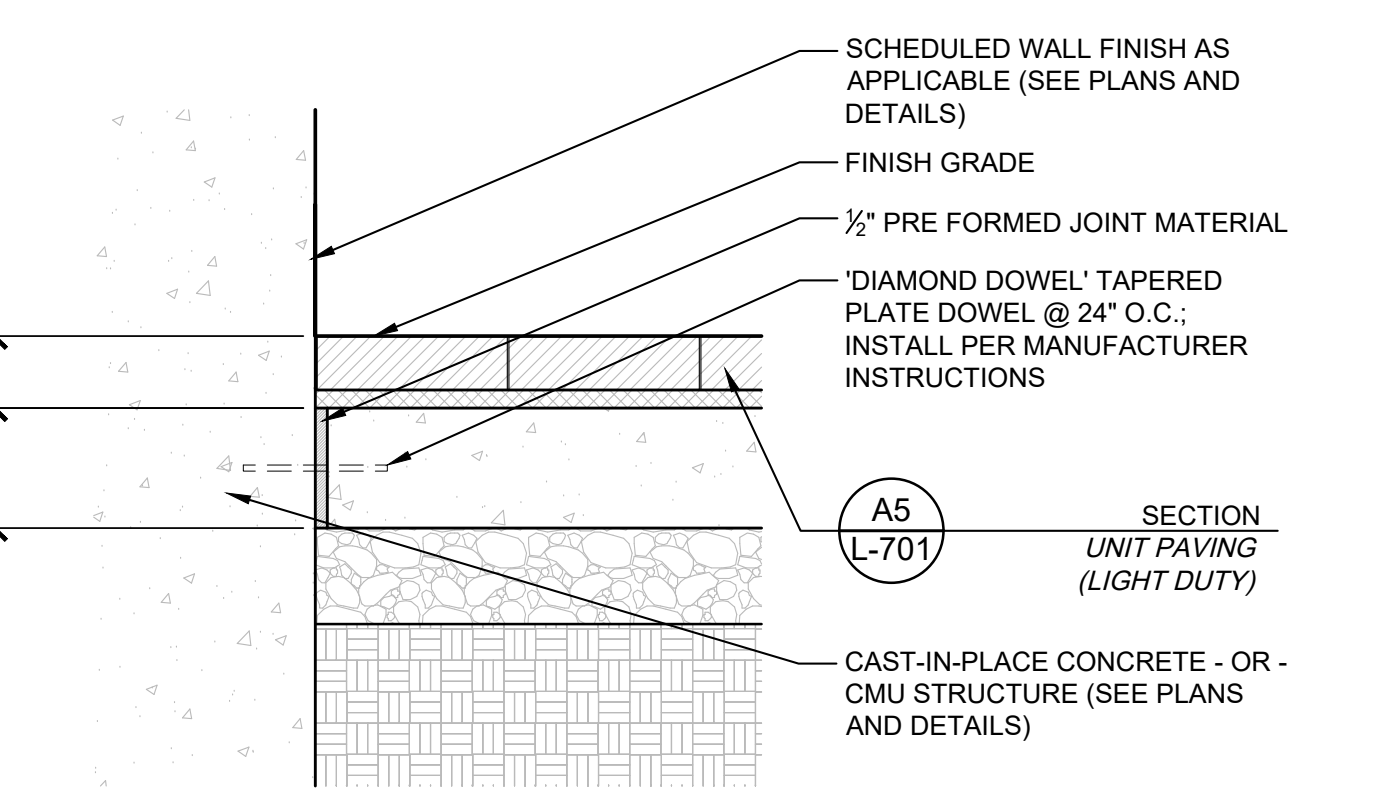
BITUMINOUS SETTING BED APPLICATION SECTION | UNIT PAVING EDGE @ CONC. PAVING
1 1/2" = 1'-0"



NOTES:
1. SEE DIVISION 32 OF THE SPECIFICATIONS FOR ADDITIONAL INFORMATION.
2. **UNIT PAVING JOINTS:** UNIT PAVERS TO HAVE A CONSISTENT SAND SWEEP JOINT IN ACCORDANCE WITH THE SPECIFICATIONS.
3. DO NOT CREATE DAM CONDITIONS IN CONCRETE PAVING SUBSTRATE THAT WILL PREVENT THE FLOW OF SUBSURFACE DRAINAGE RUNOFF. IF DAM CONDITIONS OR OTHER LOW POINTS EXIST IN THE CONCRETE PAVING SUBSTRATE, PROVIDE 2" WEEP HOLES AT 2'-0" O.C. AS REQUIRED TO SUFFICIENTLY DRAIN THE CONCRETE SURFACE. FILL WEEP HOLES WITH A FREE-DRAINING AGGREGATE AND COVER WITH AN 8" SQUARE SEPARATION GEOTEXTILE SECURED BY TACK COAT.
4. SUBMIT SHOP DRAWINGS FOR ALL UNIT PAVING AREAS INDICATING PROPOSED ISOLATION AND CONTRACTION JOINTS IN CONCRETE BASE.

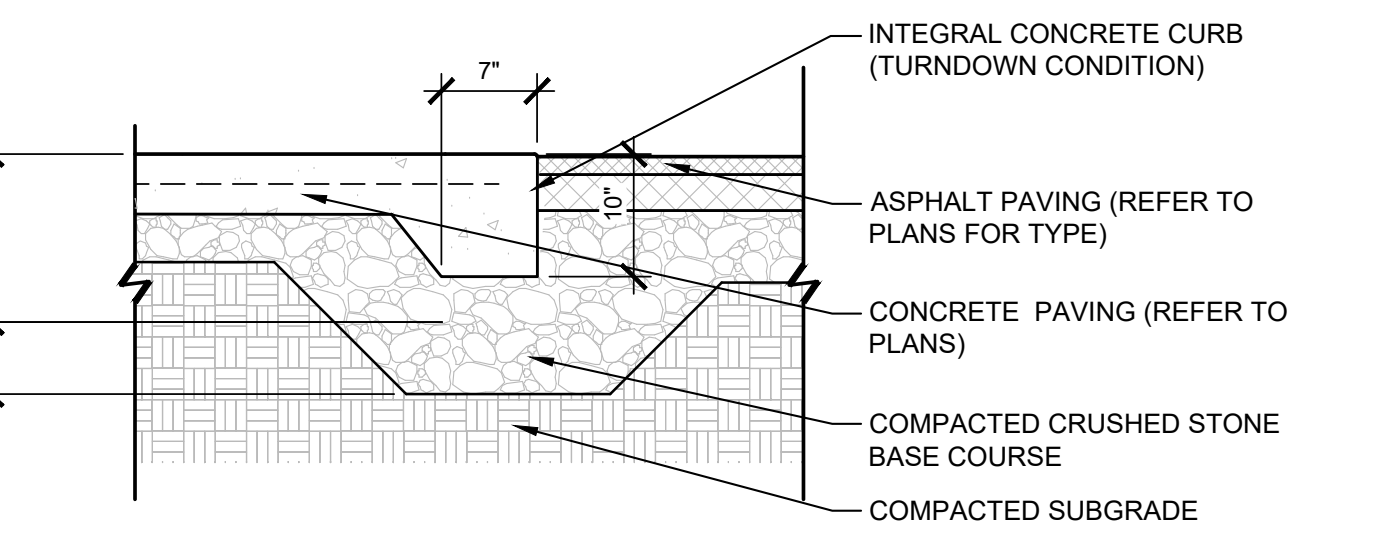
BITUMINOUS SETTING BED APPLICATION SECTION | UNIT PAVING (LIGHT DUTY)
1 1/2" = 1'-0"

BITUMINOUS SETTING BED APPLICATION SECTION | UNIT PAVING (LIGHT DUTY)



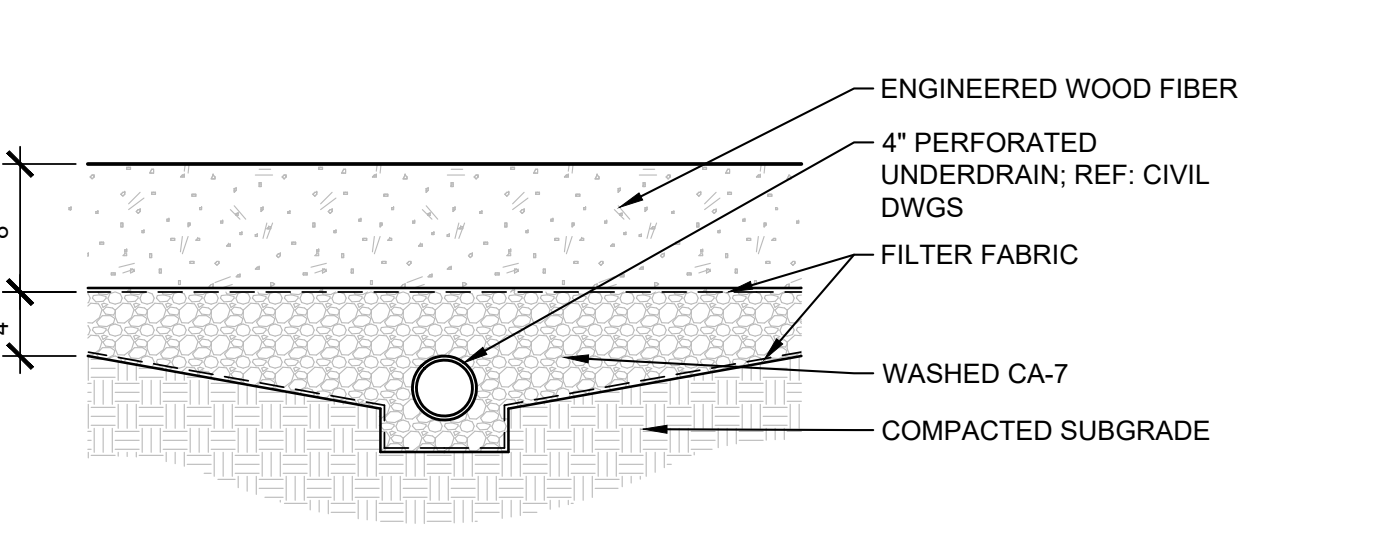
NOTES:
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2. COMPLY WITH PRIMARY UNIT PAVING SECTION DETAILS IDENTIFIED ON PLANS.
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BITUMINOUS SETTING BED APPLICATION SECTION | UNIT PAVING TERMINATION @ WALL
1 1/2" = 1'-0"

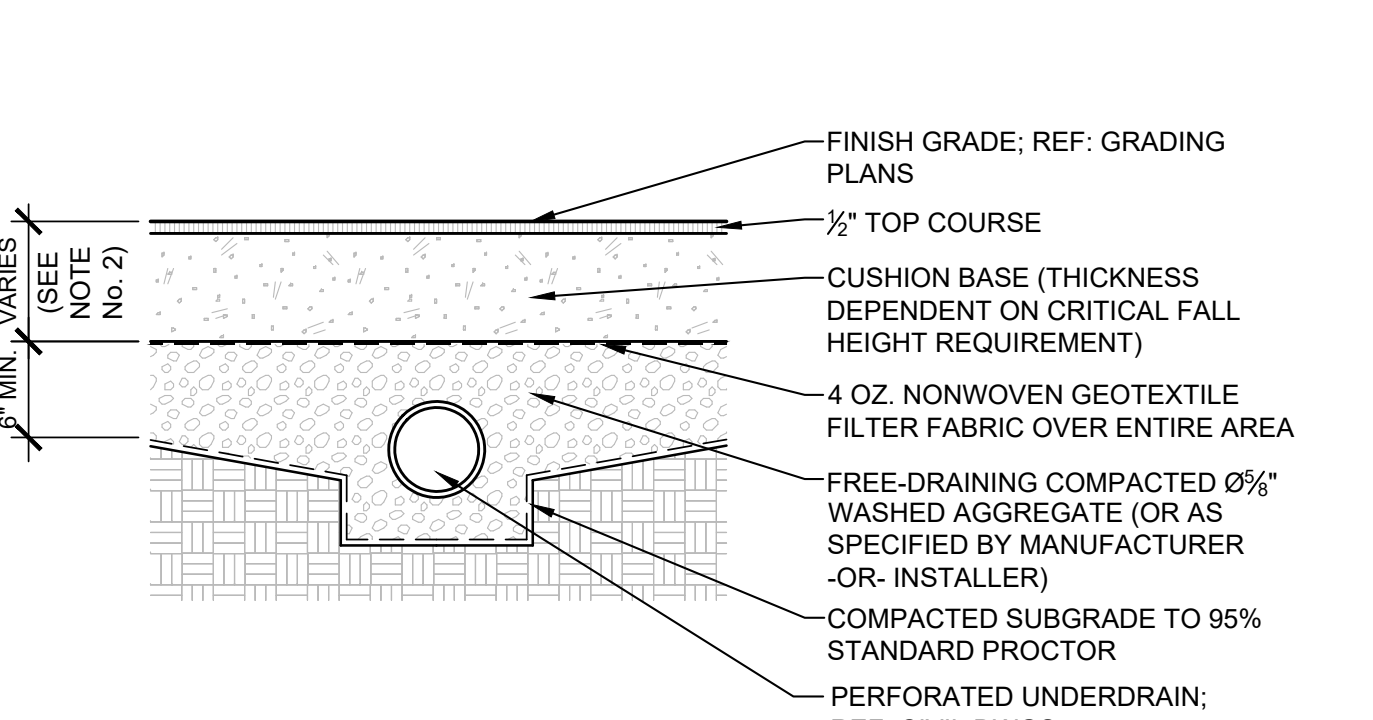


NOTES:
1. SEE DIVISIONS 31 AND 32 OF THE SPECIFICATIONS FOR ADDITIONAL INFORMATION.
2. **CONCRETE CURB JOINTS:** 2.1. SINGLE-ENTRY SAWCUT CONTRACTION JOINTS (1" DEPTH) LOCATED 10'-0" O.C., UNLESS NOTED OTHERWISE, SHALL BE PROVIDED.
2.2. CONTRACTION AND ISOLATION JOINTS SHALL ALIGN WITH SUCH JOINTS FOR ADJOINING CONCRETE PAVING AS SHOWN ON PLANS. SEE XX/00 FOR ADDITIONAL INFORMATION.

BATTERED FACE SECTION | CONCRETE CURB (FLUSH)
3/4" = 1'-0"

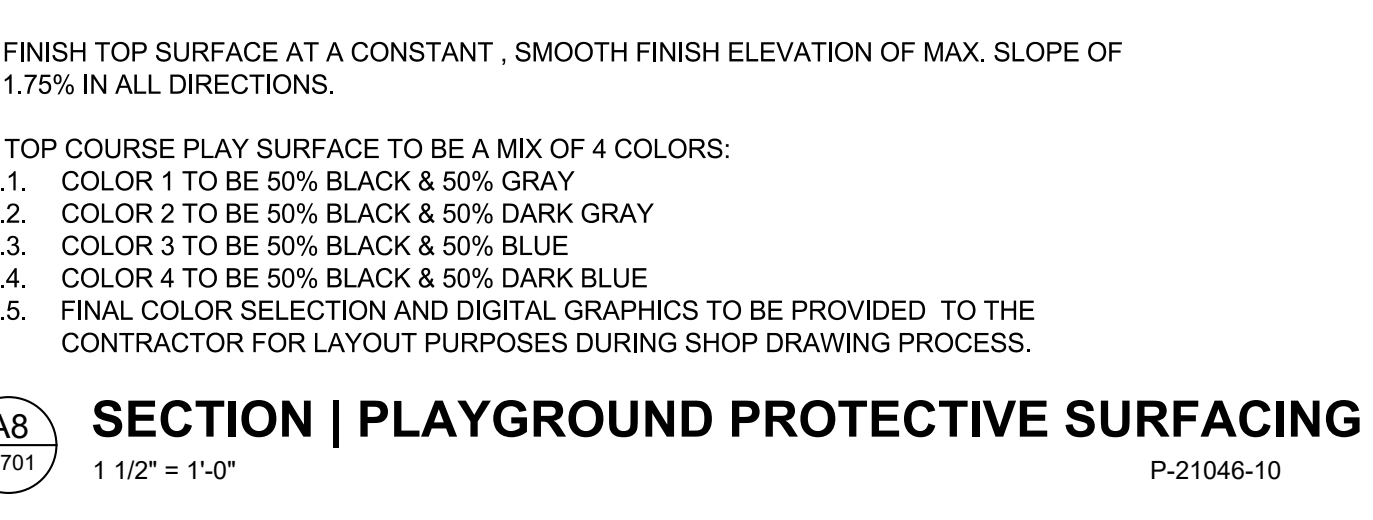


DETAIL | DOG PARK SURFACE
1" = 1'-0"



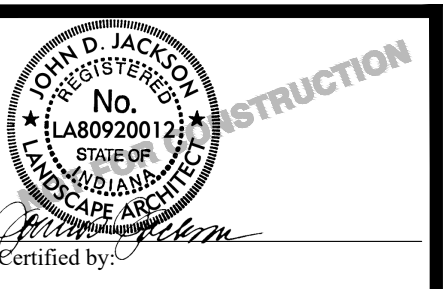
NOTES:
1. MANUFACTURER/INSTALLER/CONTRACTOR SHALL PROVIDE A PLAYGROUND PROTECTIVE SURFACING SYSTEM THAT ACHIEVES CRITICAL FALL HEIGHT PROTECTION AS SPECIFIED PER EACH PIECE OF PLAYGROUND EQUIPMENT.
2. MINIMUM DEPTH OF PLAYGROUND PROTECTIVE SURFACING TO PROVIDE THE SPECIFIED CRITICAL FALL HEIGHT PROTECTION SHALL BE AS FOLLOWS FOR THE BASIS-OF-DESIGN MANUFACTURER AND PRODUCT:
CRITICAL FALL HEIGHT (CFH) - PLAYGROUND PROTECTIVE SURFACING DEPTH (PPS):
3'-0" CFH - 1.75"
4'-0" CFH - 2.00"
5'-0" CFH - 2.50"
6'-0" CFH - 3.00"
3. FOR ANY SUBSTITUTE OR APPROVED EQUAL MANUFACTURERS AND PRODUCTS, THE MANUFACTURER/INSTALLER/CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING PLAYGROUND PROTECTIVE SURFACING DEPTHS NEEDED TO PROVIDE THE SPECIFIED CRITICAL FALL HEIGHT PROTECTION FOR THAT MANUFACTURER AND PRODUCT.
4. INSTALLATION SHALL BE COMPLETED IN STRICT ACCORDANCE WITH THE SPECIFICATIONS AND MANUFACTURER'S INSTRUCTIONS.
5. BINDER USED IN MATTING TO BE ALIPHATIC TO HELP RETAIN COLOR AND INCREASE TENSILE STRENGTH.
6. CONFIGURE AGGREGATE SUBSURFACE AS REQUIRED FOR POSITIVE DRAINAGE TO STORM STRUCTURE. THE SURFACE GRADING OF THE PLAYGROUND PROTECTIVE SURFACING WILL NOT CORRESPOND WITH OR FOLLOW THE GRADING OF THE SUBSURFACE. AS A RESULT, THE THICKNESS OF THE PLAYGROUND PROTECTIVE SURFACING WILL VARY AND PROVIDE ADDITIONAL CRITICAL FALL HEIGHT PROTECTION BEYOND WHAT IS SPECIFIED.
7. FINISH TOP SURFACE AT A CONSTANT, SMOOTH FINISH ELEVATION OF MAX. SLOPE OF 1.75% IN ALL DIRECTIONS.
8. TOP COURSE PLAY SURFACE TO BE A MIX OF 4 COLORS:
8.1. COLOR 1 TO BE 50% BLACK & 50% GRAY
8.2. COLOR 2 TO BE 50% BLACK & 50% DARK GRAY
8.3. COLOR 3 TO BE 50% BLACK & 50% BLUE
8.4. COLOR 4 TO BE 50% BLACK & 50% DARK BLUE
8.5. FINAL COLOR SELECTION AND DIGITAL GRAPHICS TO BE PROVIDED TO THE CONTRACTOR FOR LAYOUT PURPOSES DURING SHOP DRAWING PROCESS.

SECTION | PLAYGROUND PROTECTIVE SURFACING
1 1/2" = 1'-0"



SECTION | PLAYGROUND PROTECTIVE SURFACING

STATE OF INDIANA DEPARTMENT OF ADMINISTRATION PUBLIC WORKS DIVISION
REST AREA
PUBLIC WORKS PROJECT NO. 84003001-22-058-C1
REST AREA INDIANA
84003001-22-058-C1
2023/02/23
1364
L-701



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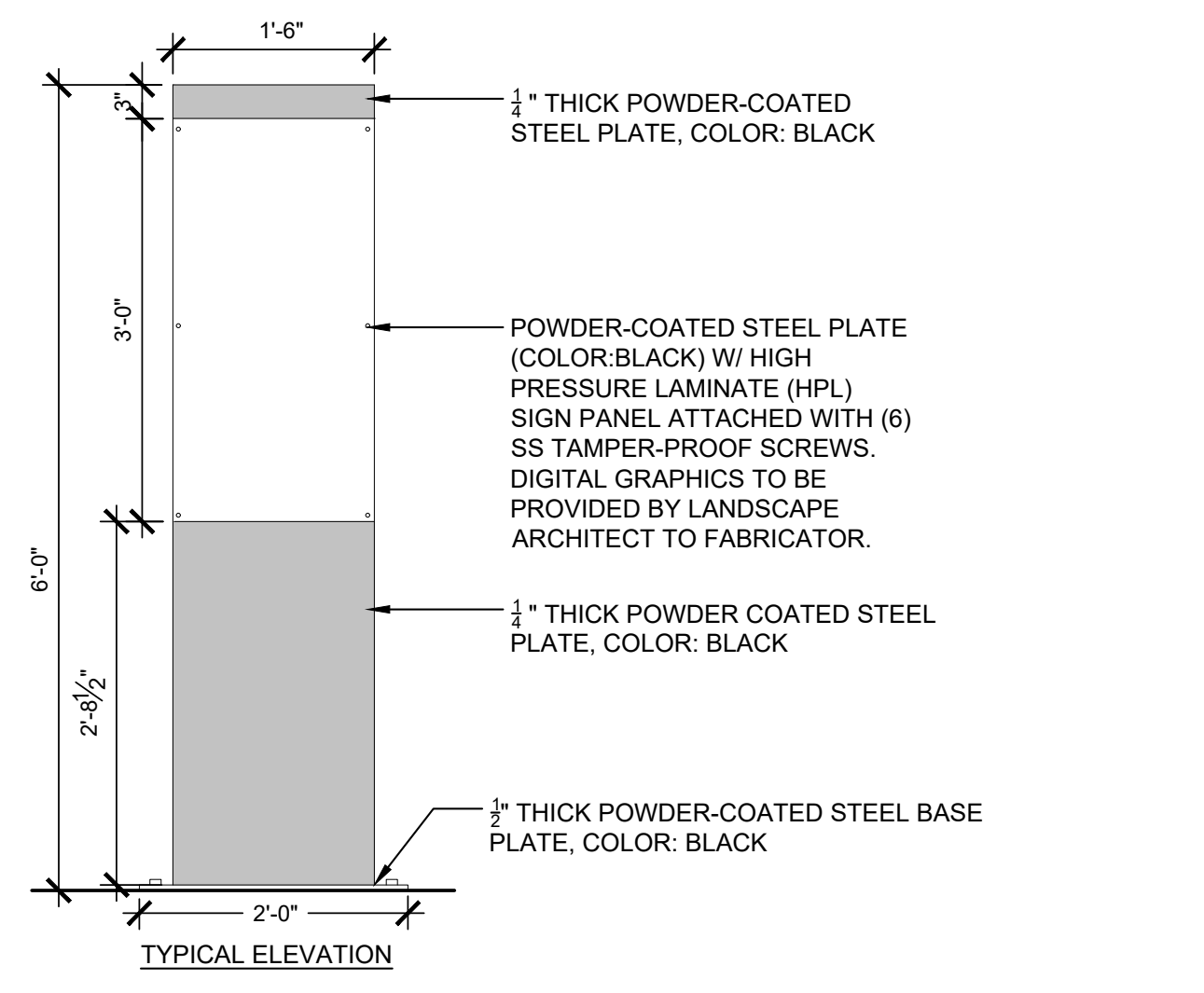
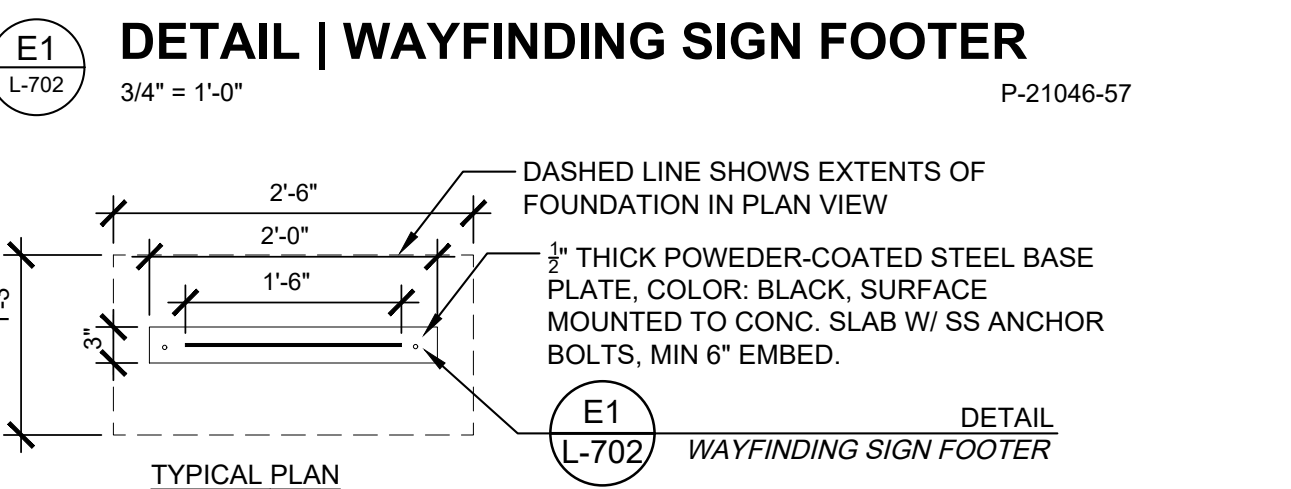
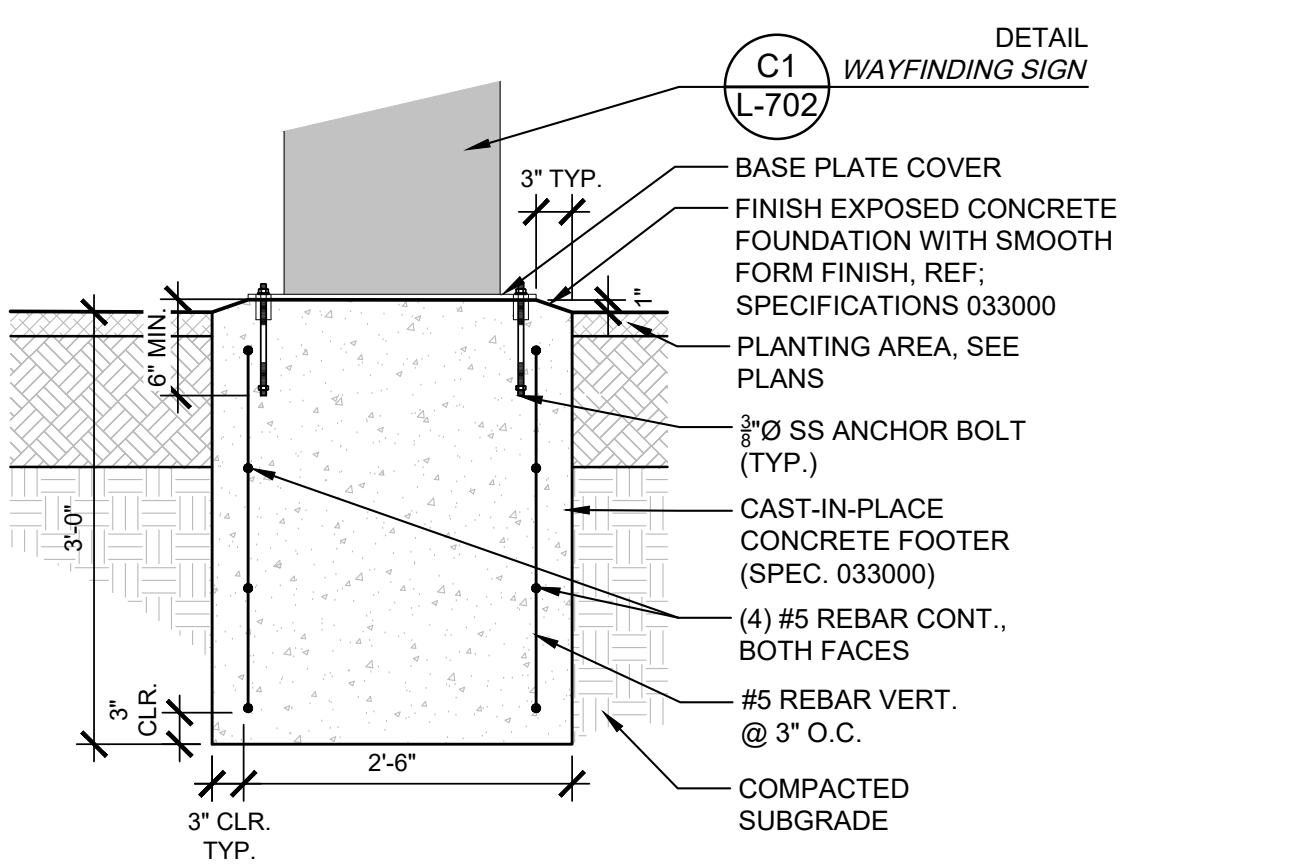
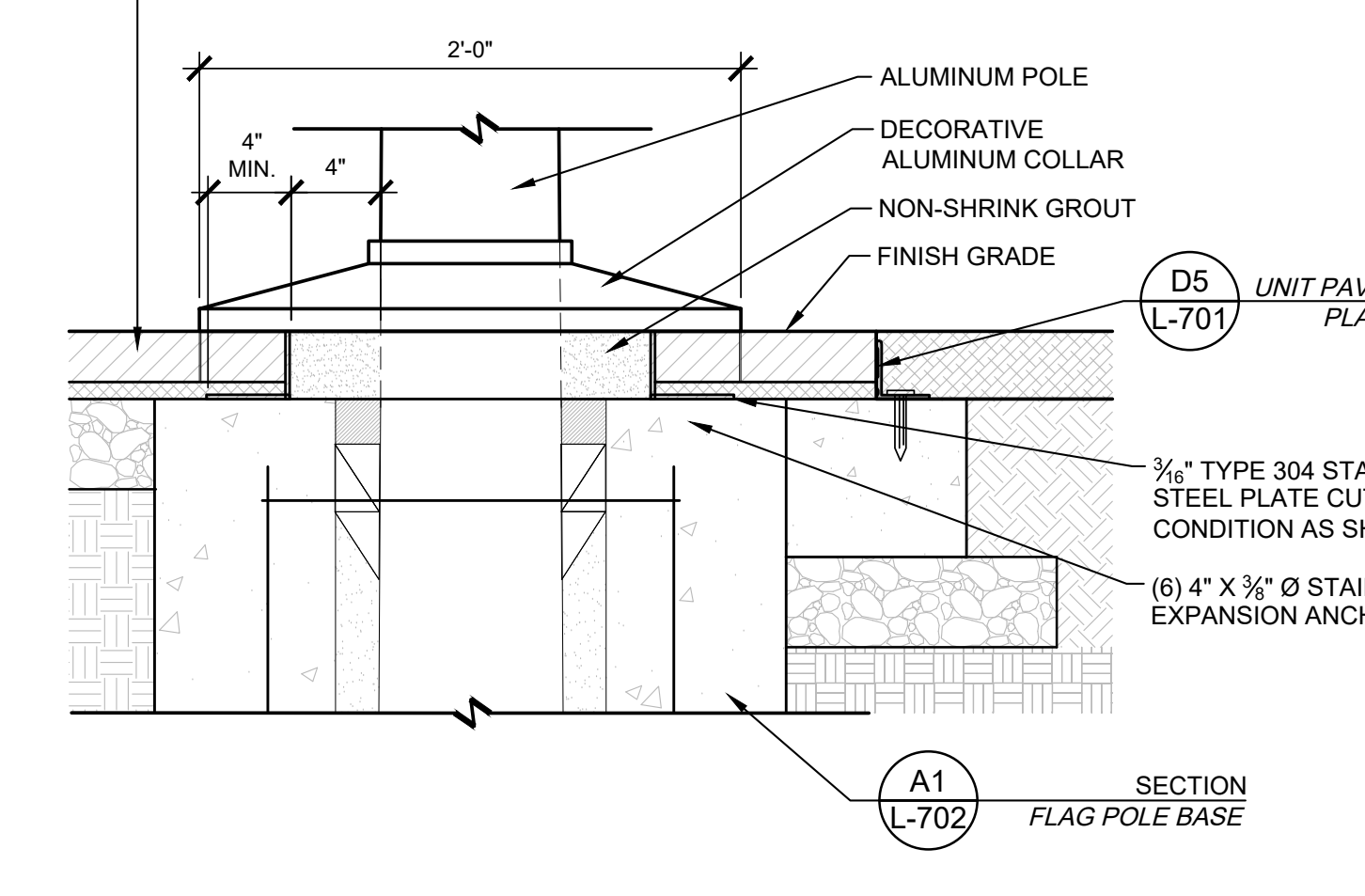
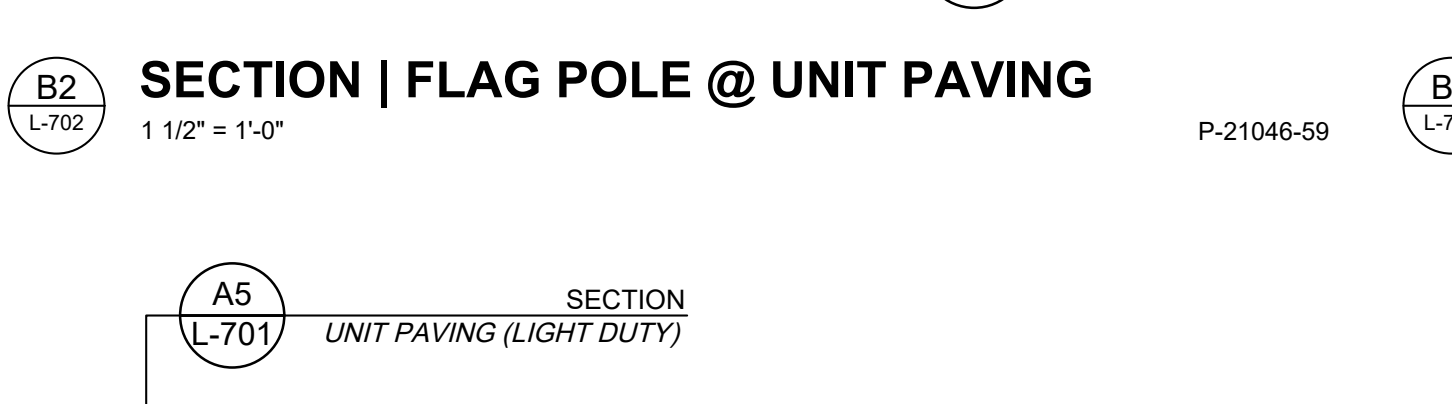
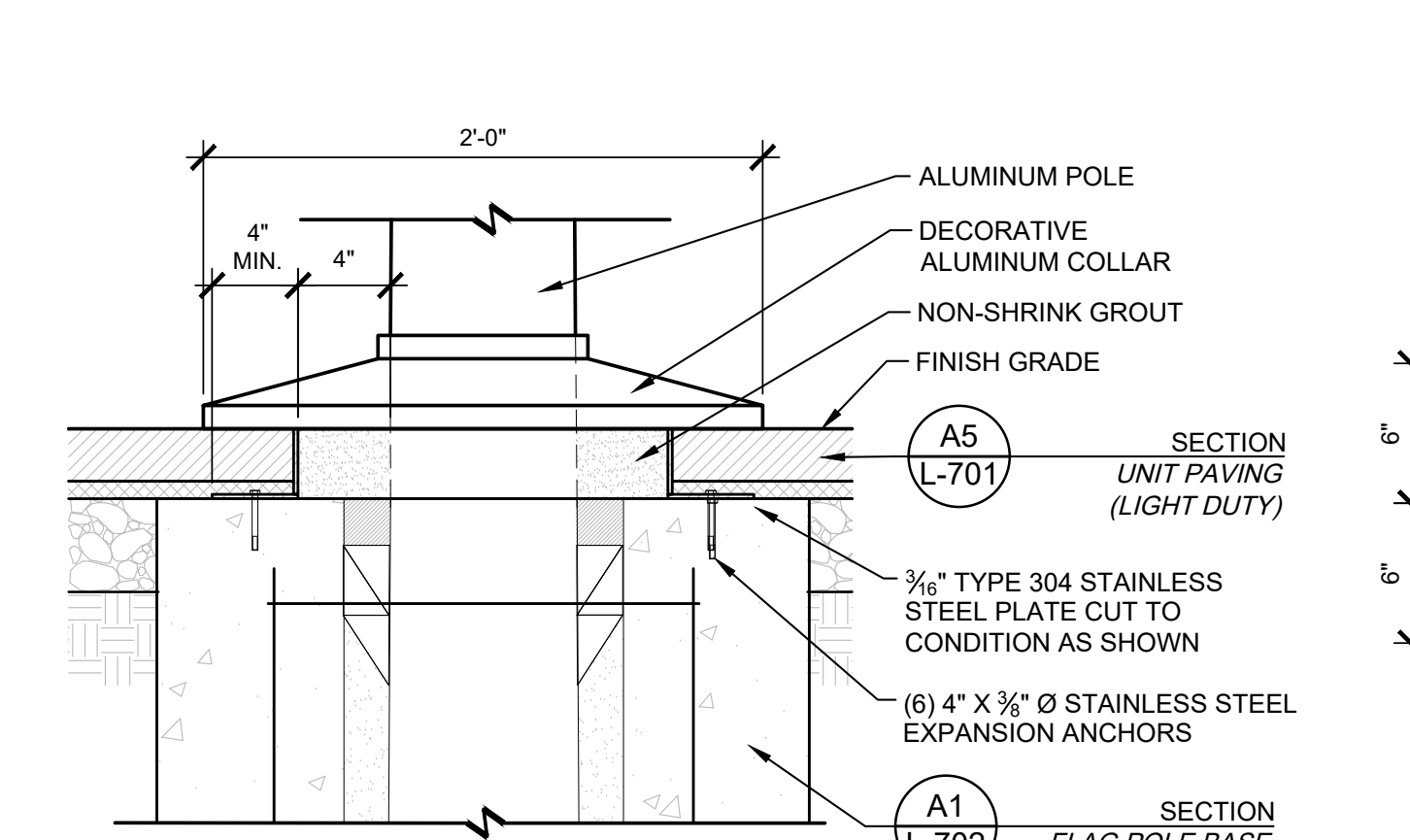
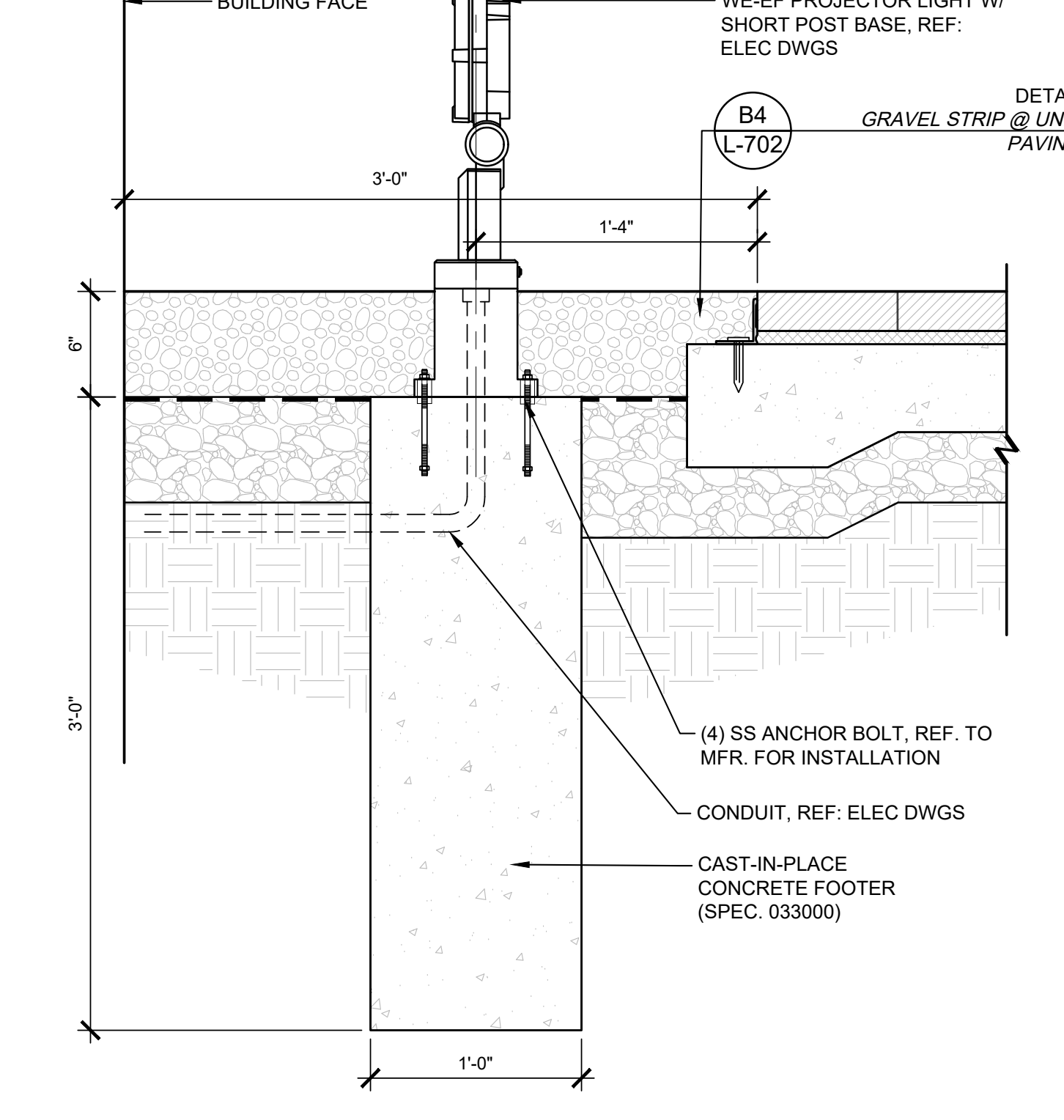
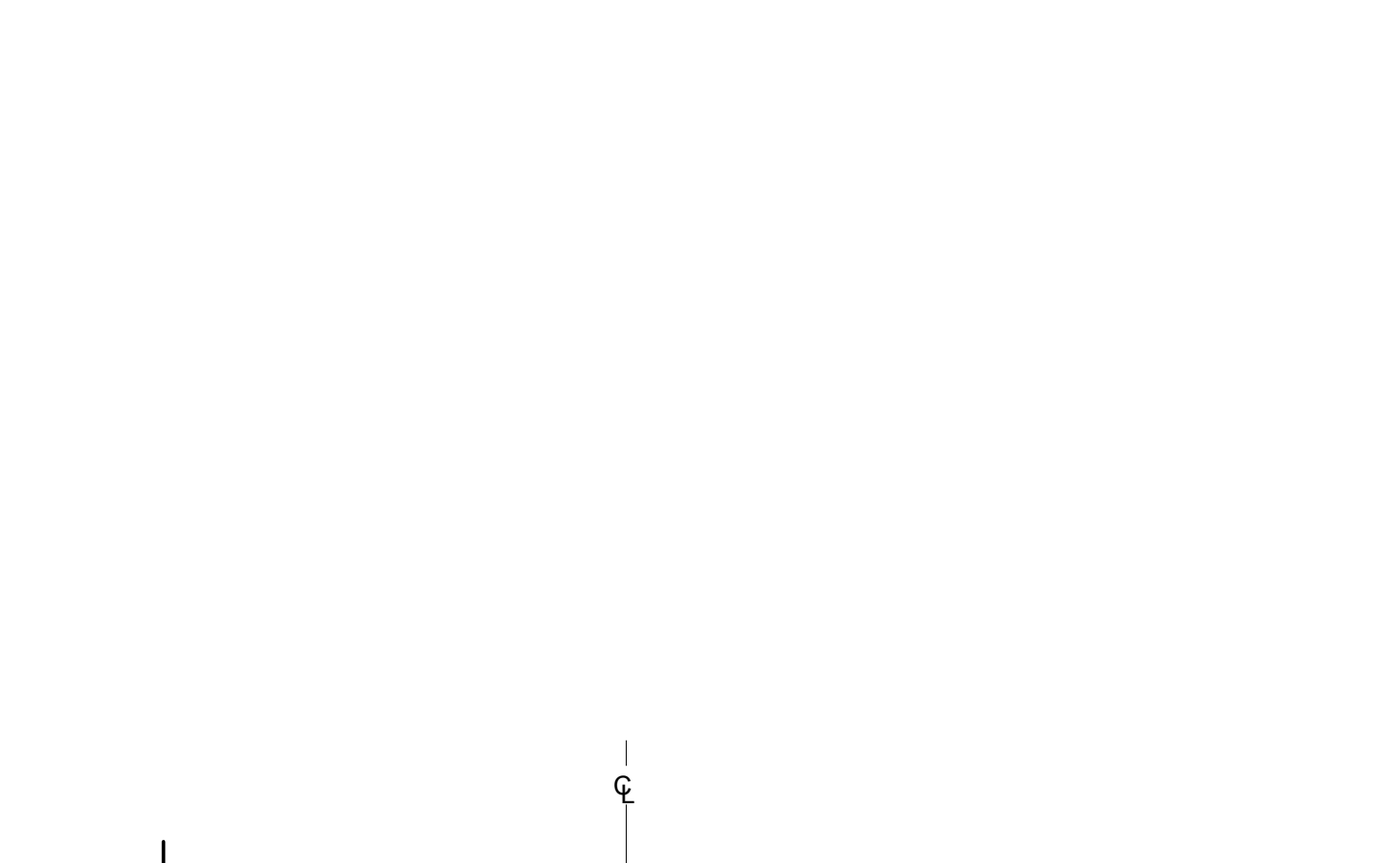
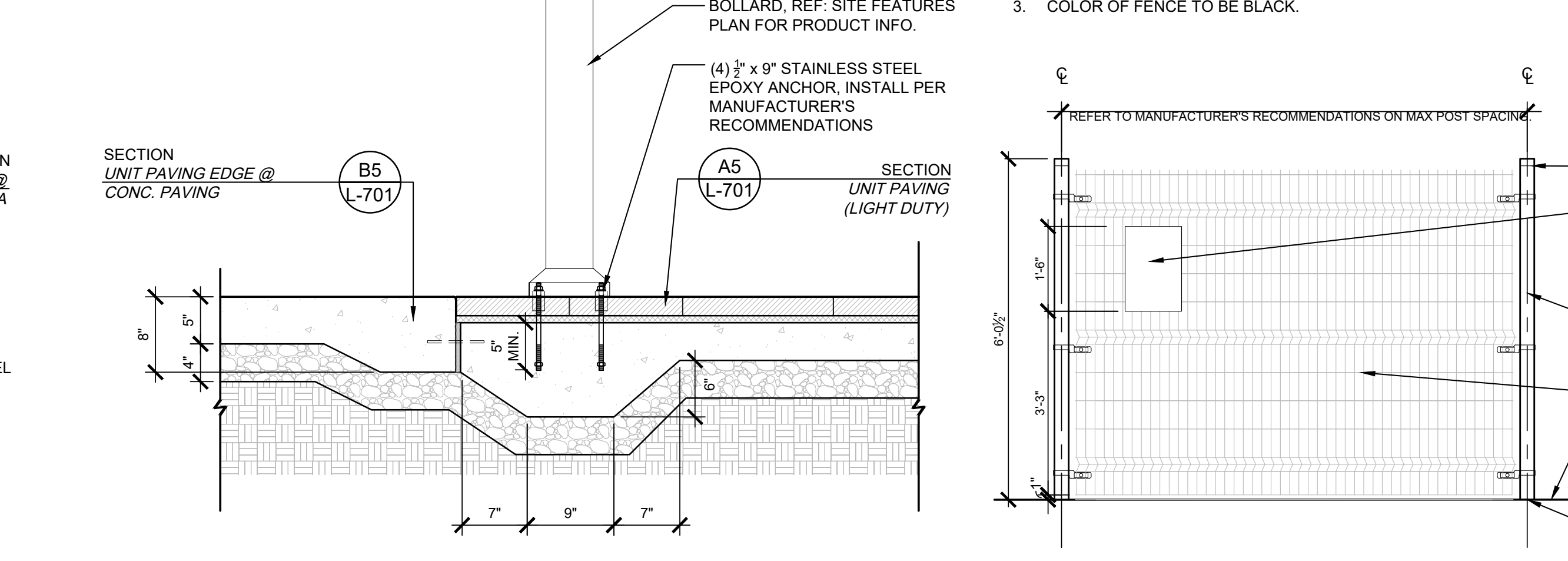
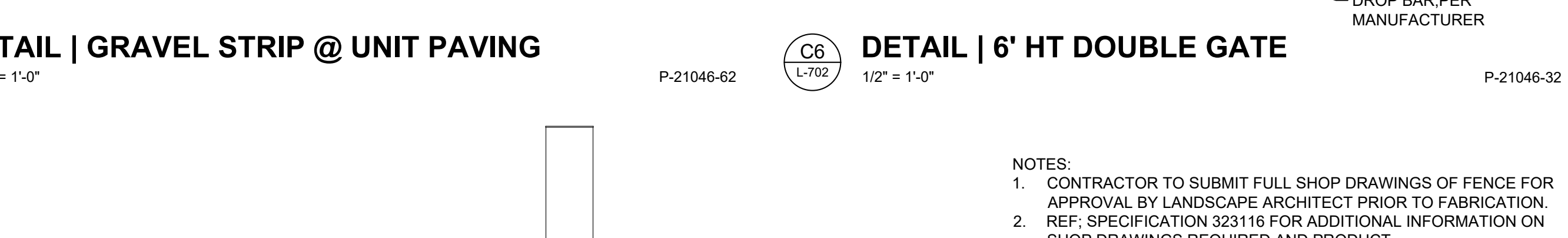
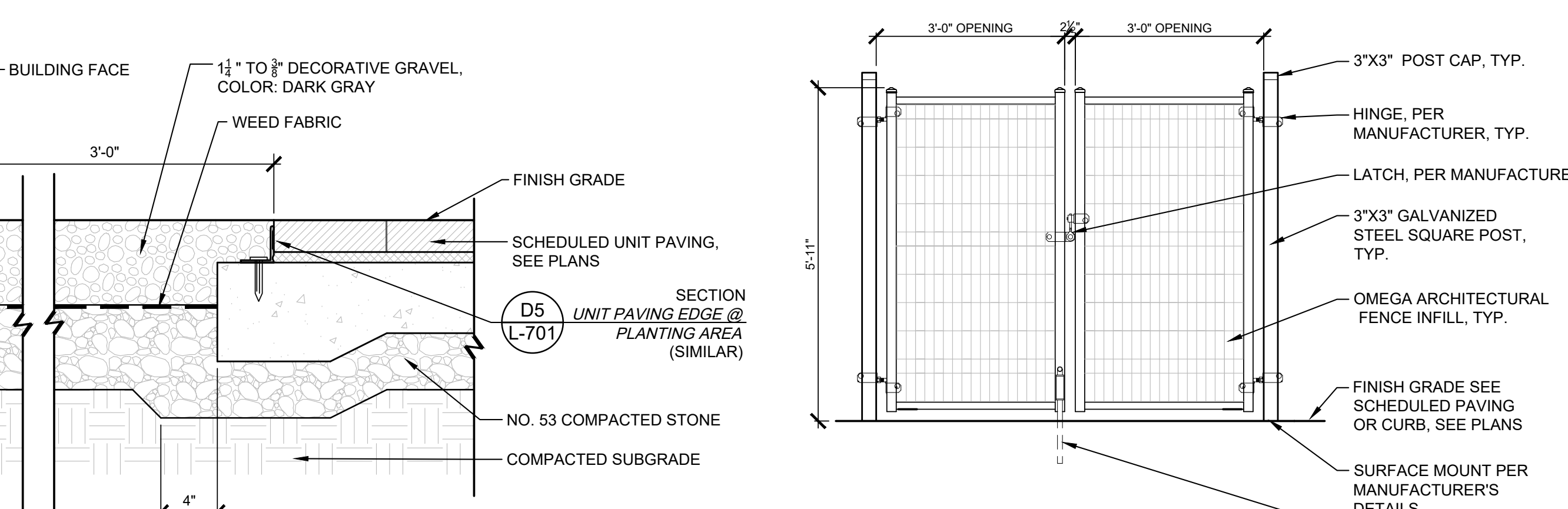
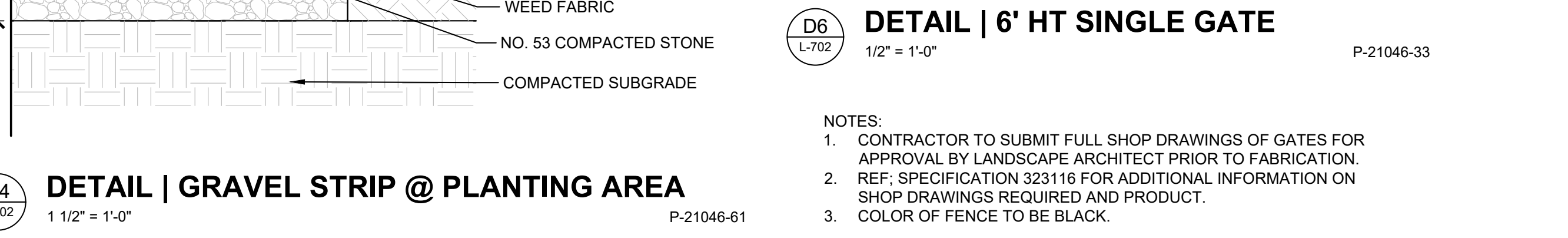
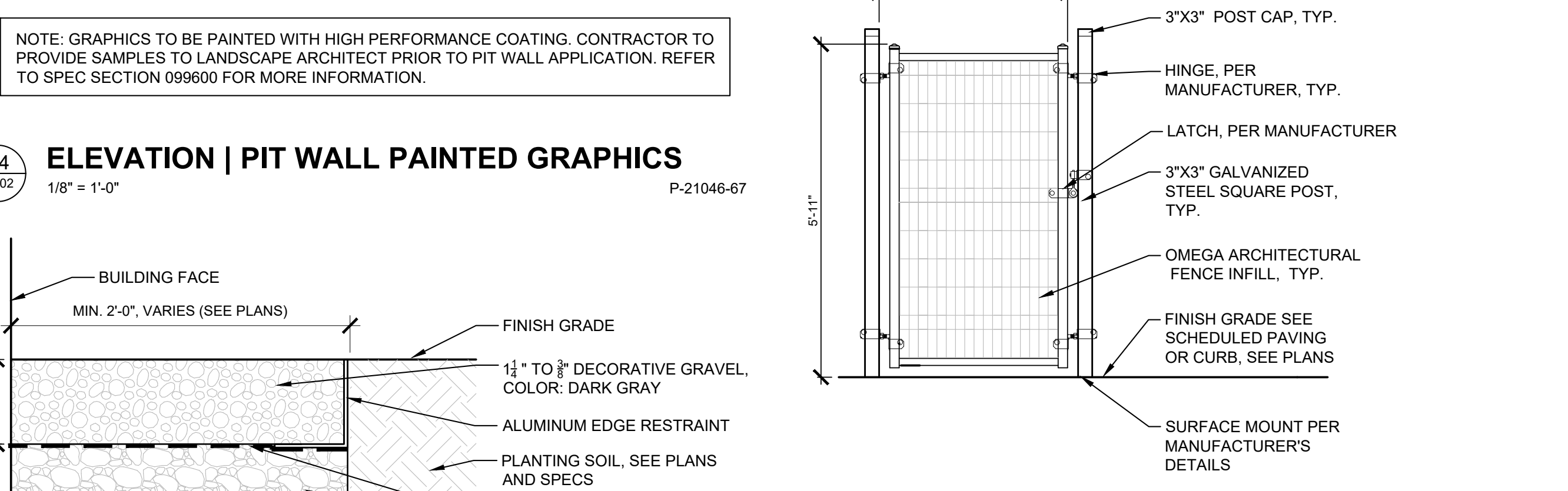
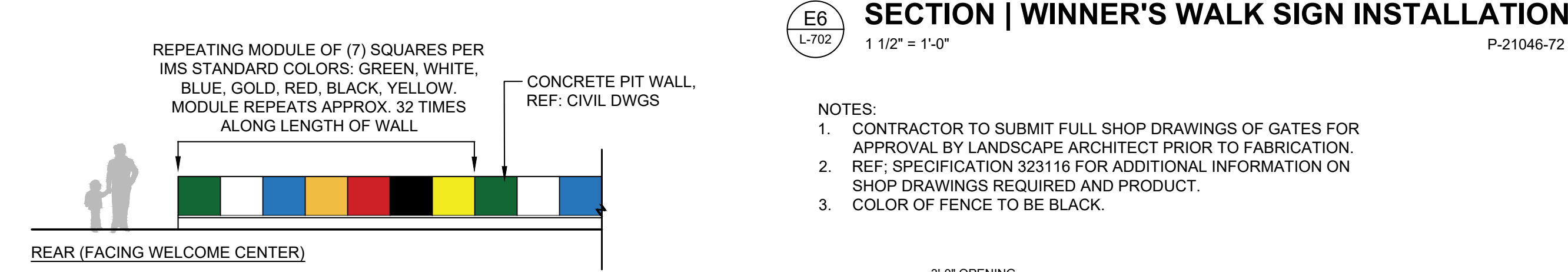
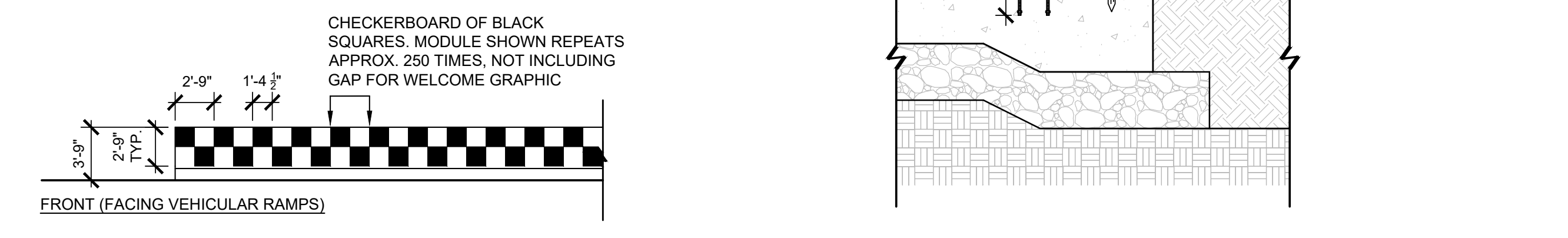
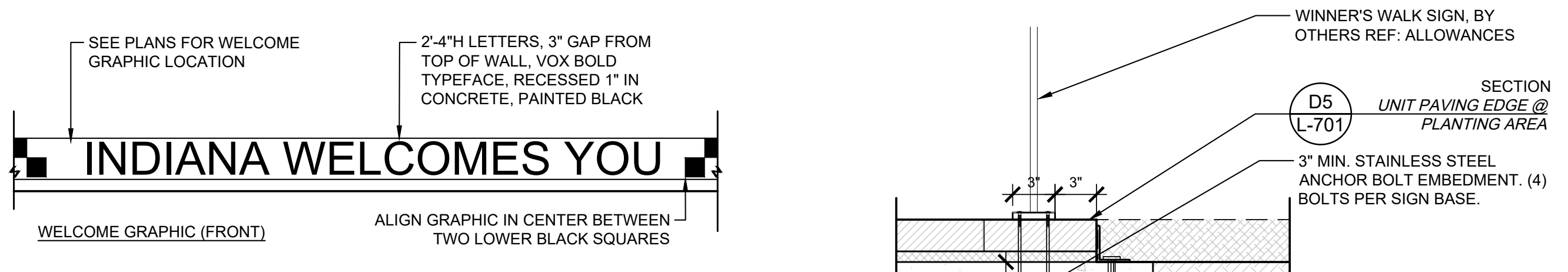


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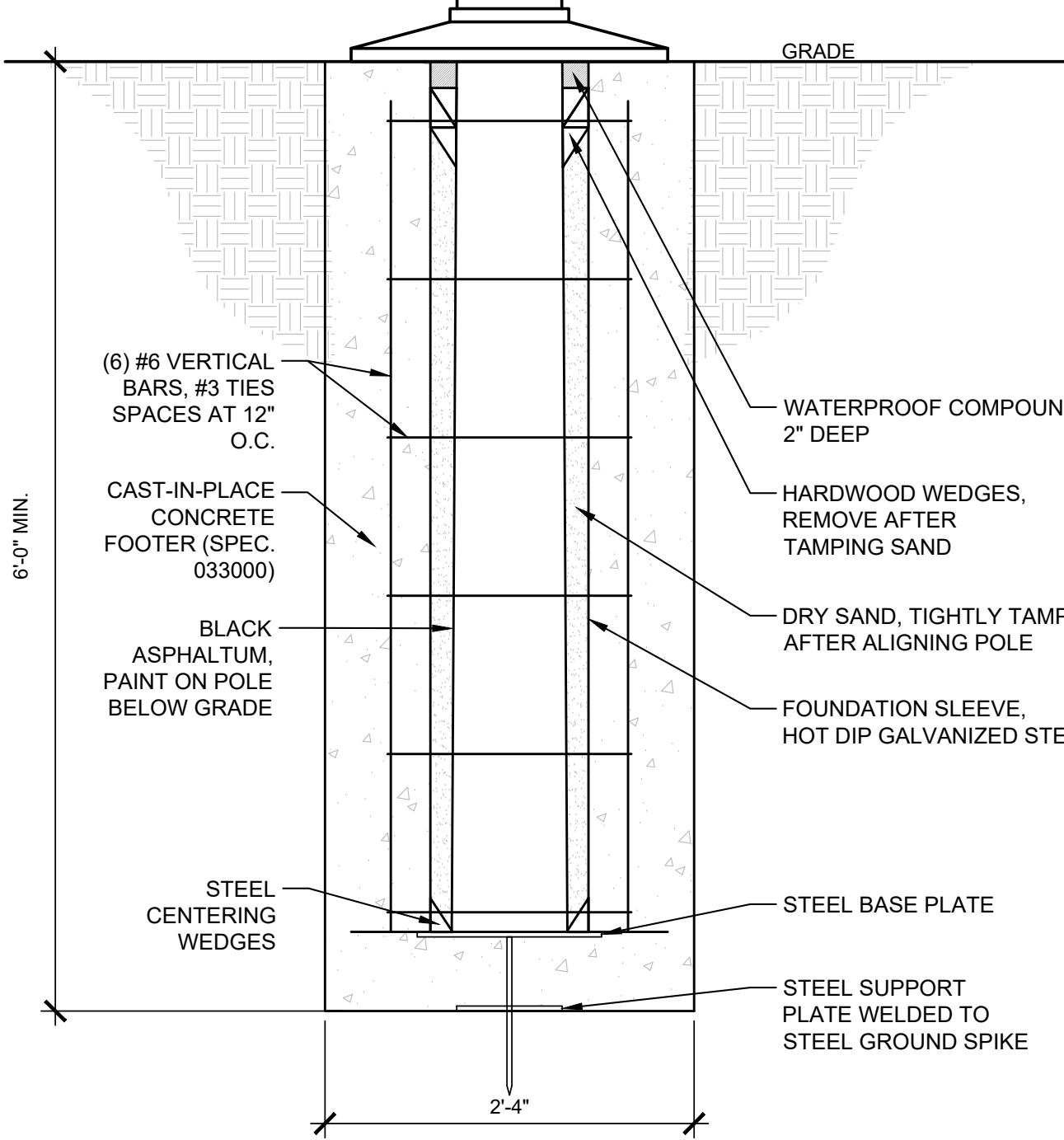
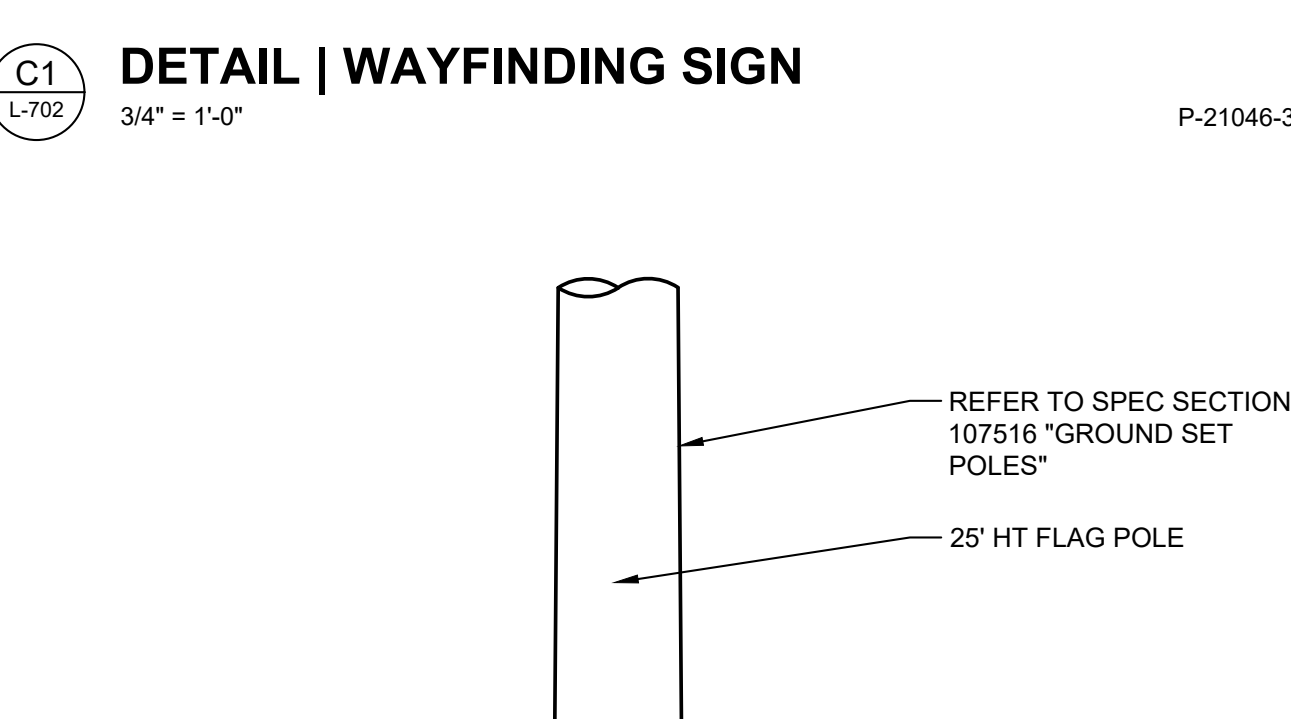
PUBLIC WORKS PROJECT NO. 84003001-22-058-C1
 REST AREA
 INDIANA

STATE OF INDIANA
 DEPARTMENT OF ADMINISTRATION
PUBLIC WORKS DIVISION
 ROOM 1626 INDIANA GOVERNMENT CENTER SOUTH
 402 WEST WASHINGTON STREET
 INDIANAPOLIS, INDIANA 46204
 317-232-3000

Project Number:	84003001-22-058-C1
Requestion Number:	REST AREA
Account Number:	
Designer:	RATIO
Drawing Date:	2023/02/23
Drafter:	
Drawing Scale:	
DAPW Approval:	
Client Approval:	
Reference Number:	1364
Building Reference:	
Sheet Name:	SITE DETAILS
Drawing Number:	L-702



NOTES:
 1. DETAIL IS FOR DESIGN INTENT ONLY. CONTRACTOR TO SUBMIT FULL SHOP DRAWINGS FOR APPROVAL BY LANDSCAPE ARCHITECT PRIOR TO FABRICATION.



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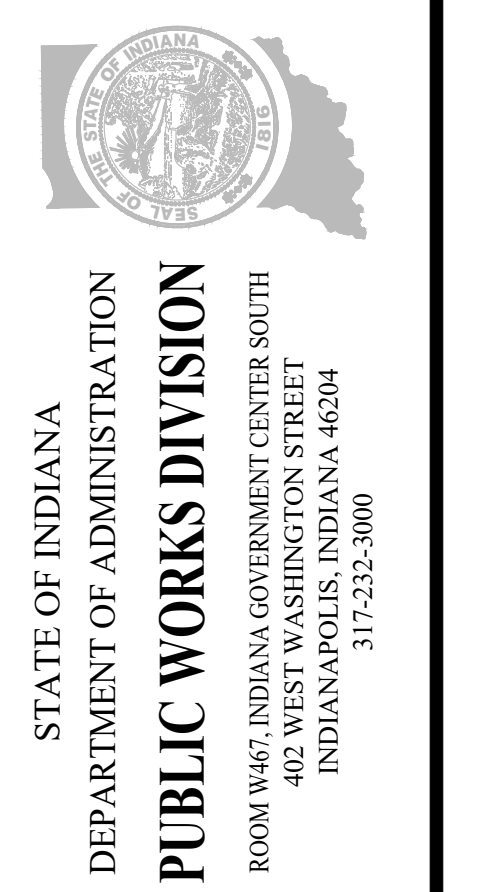


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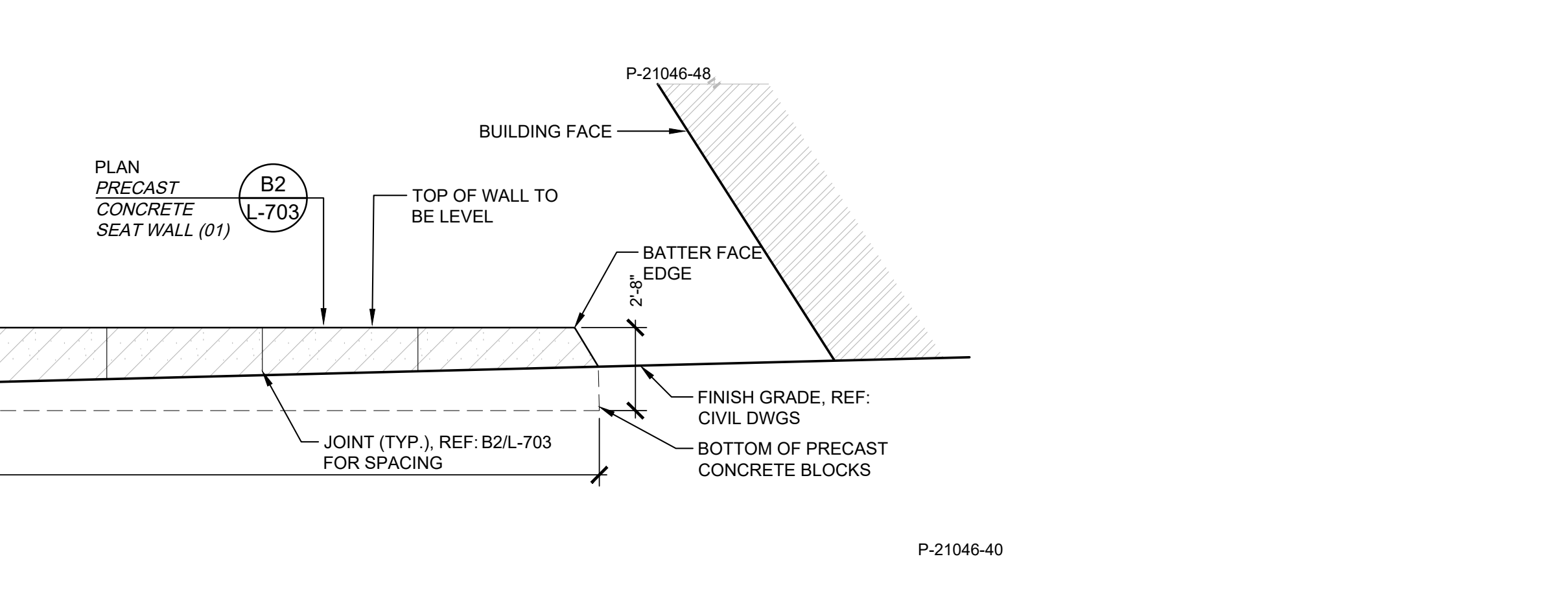
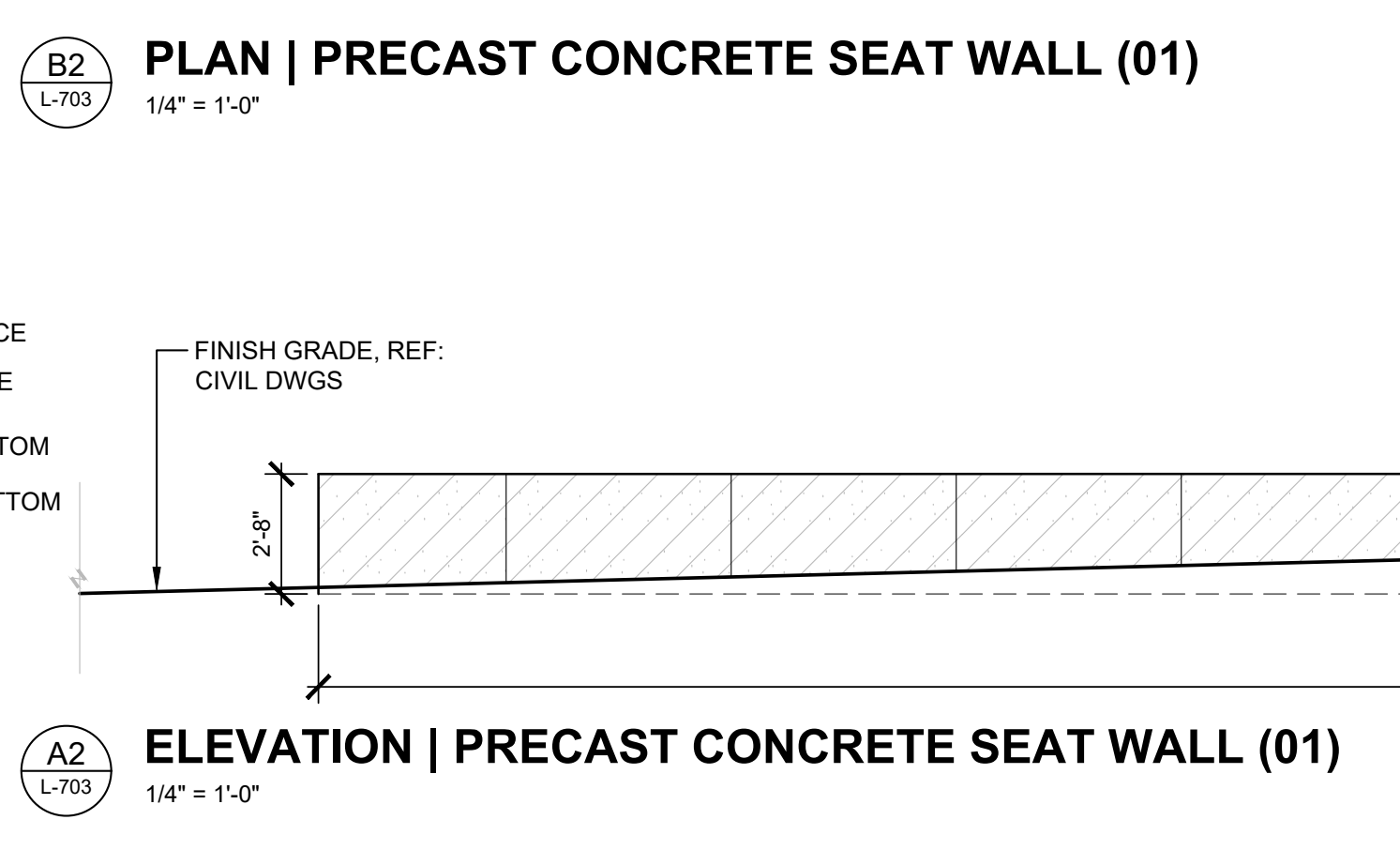
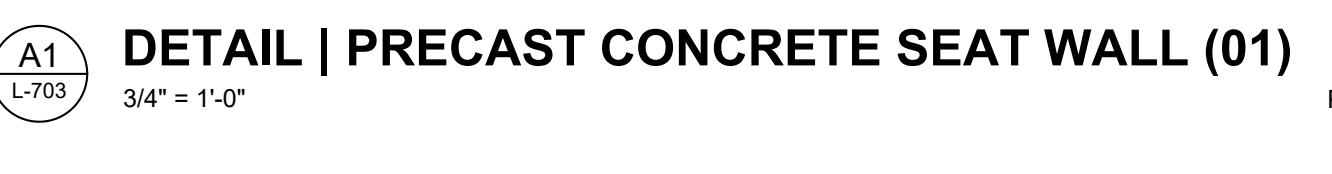
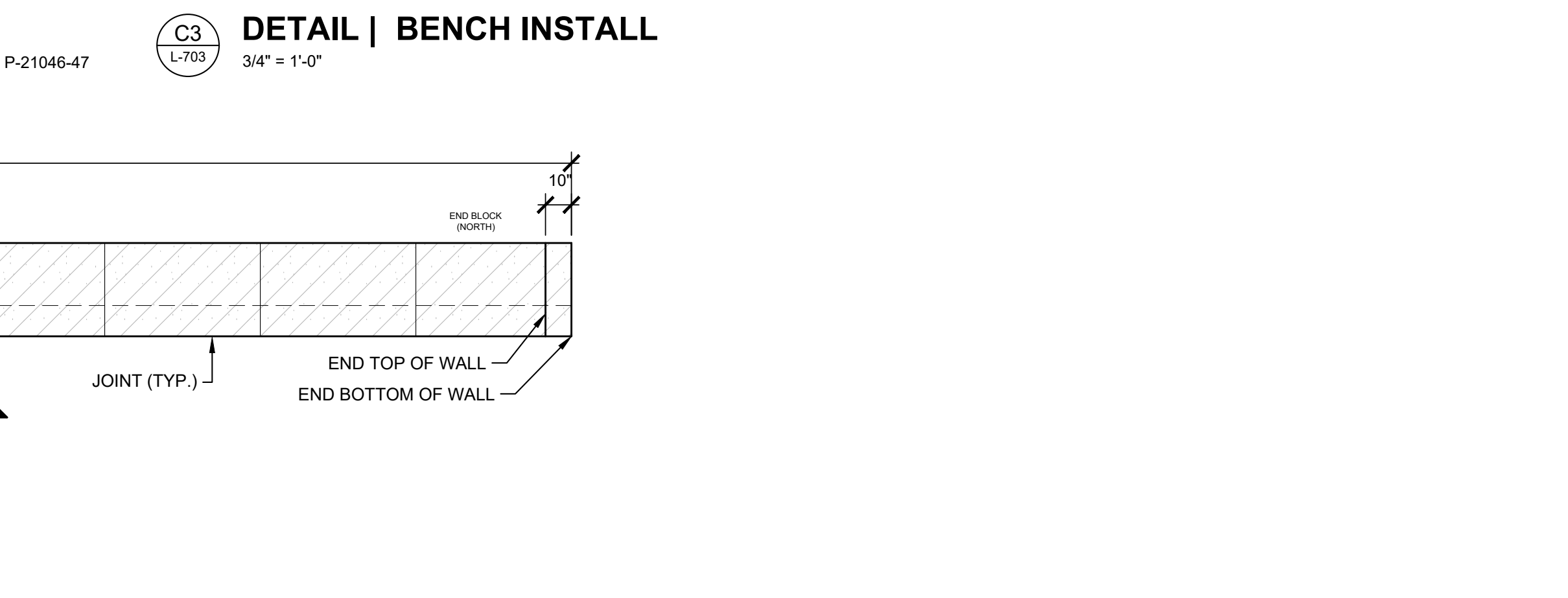
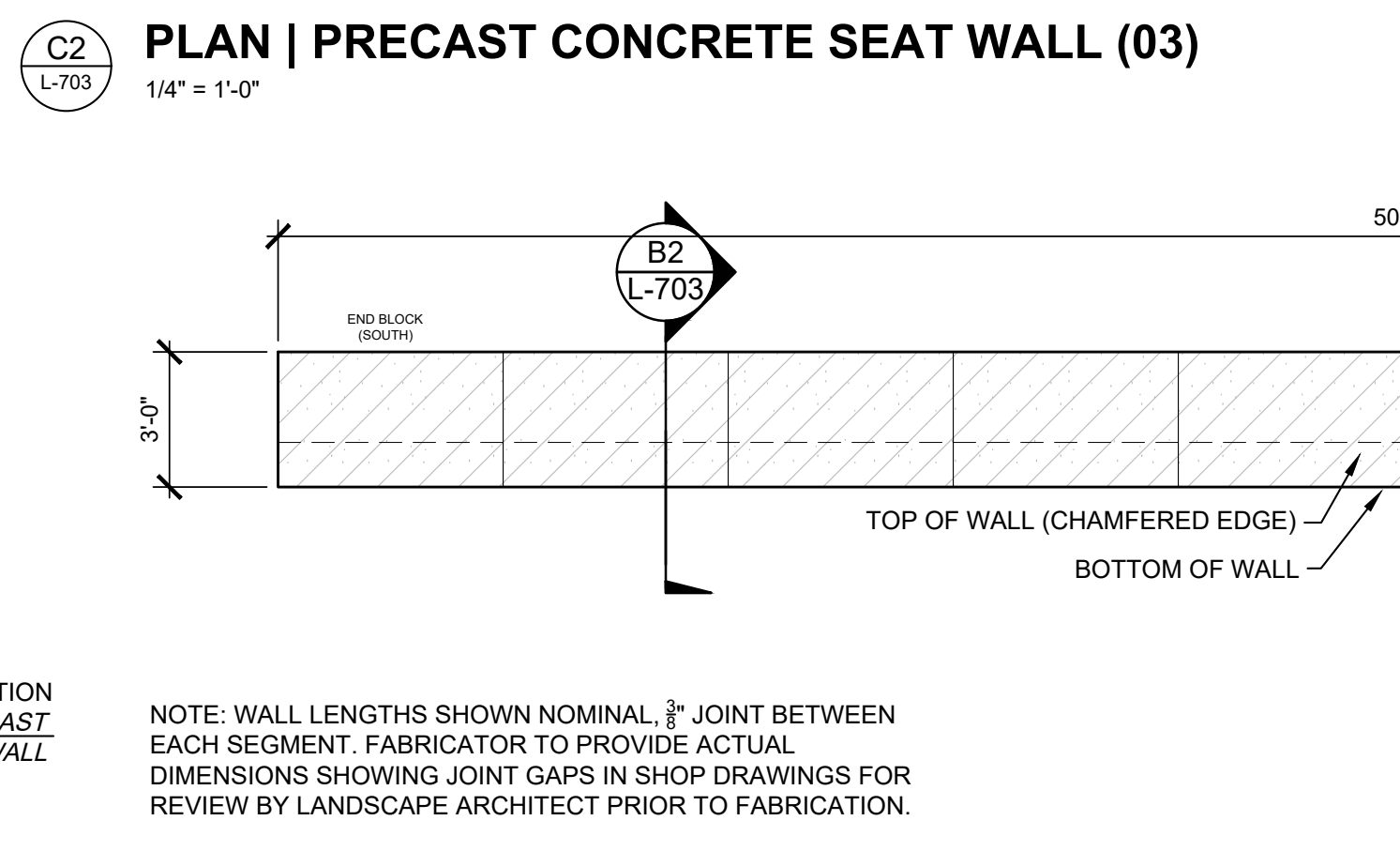
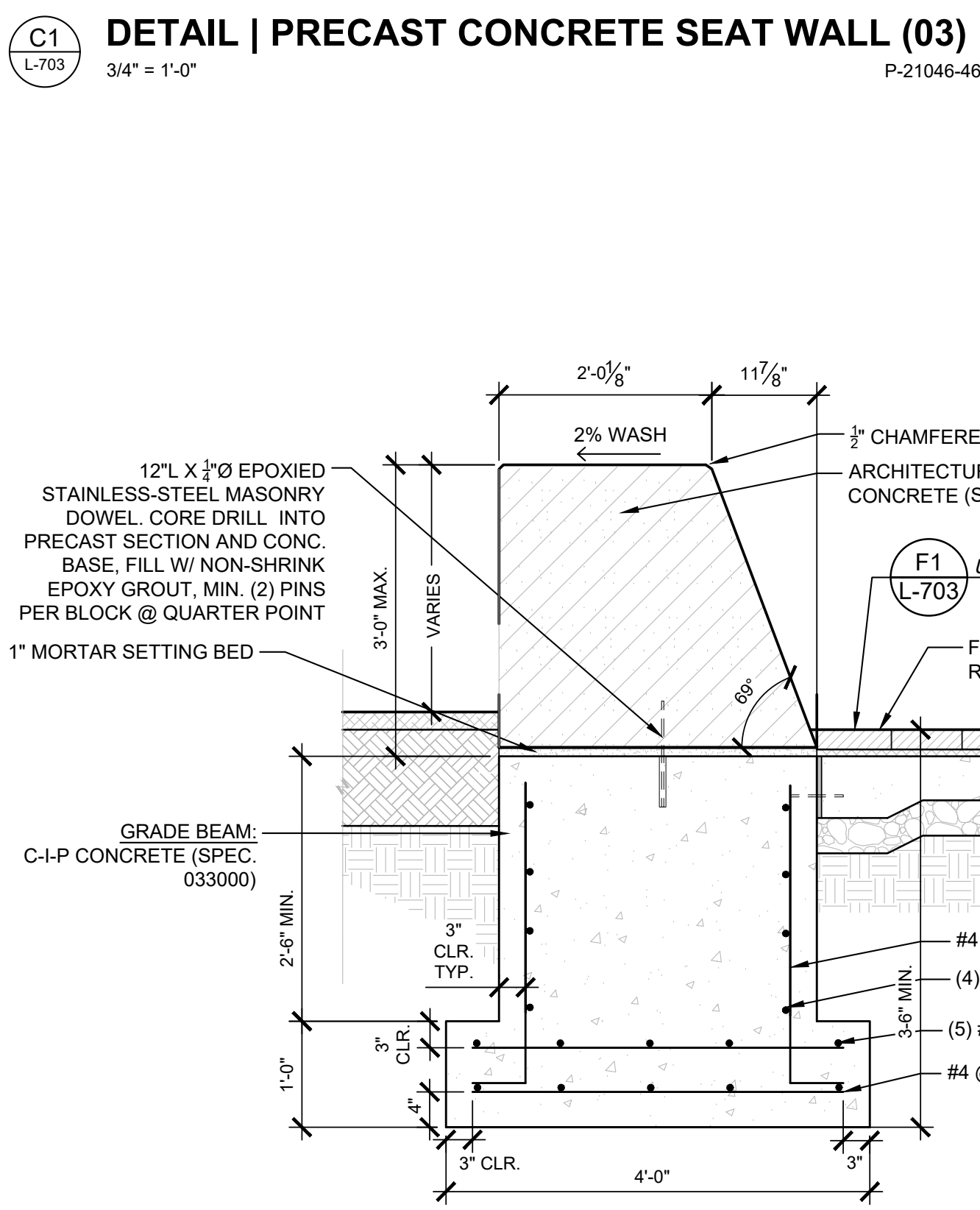
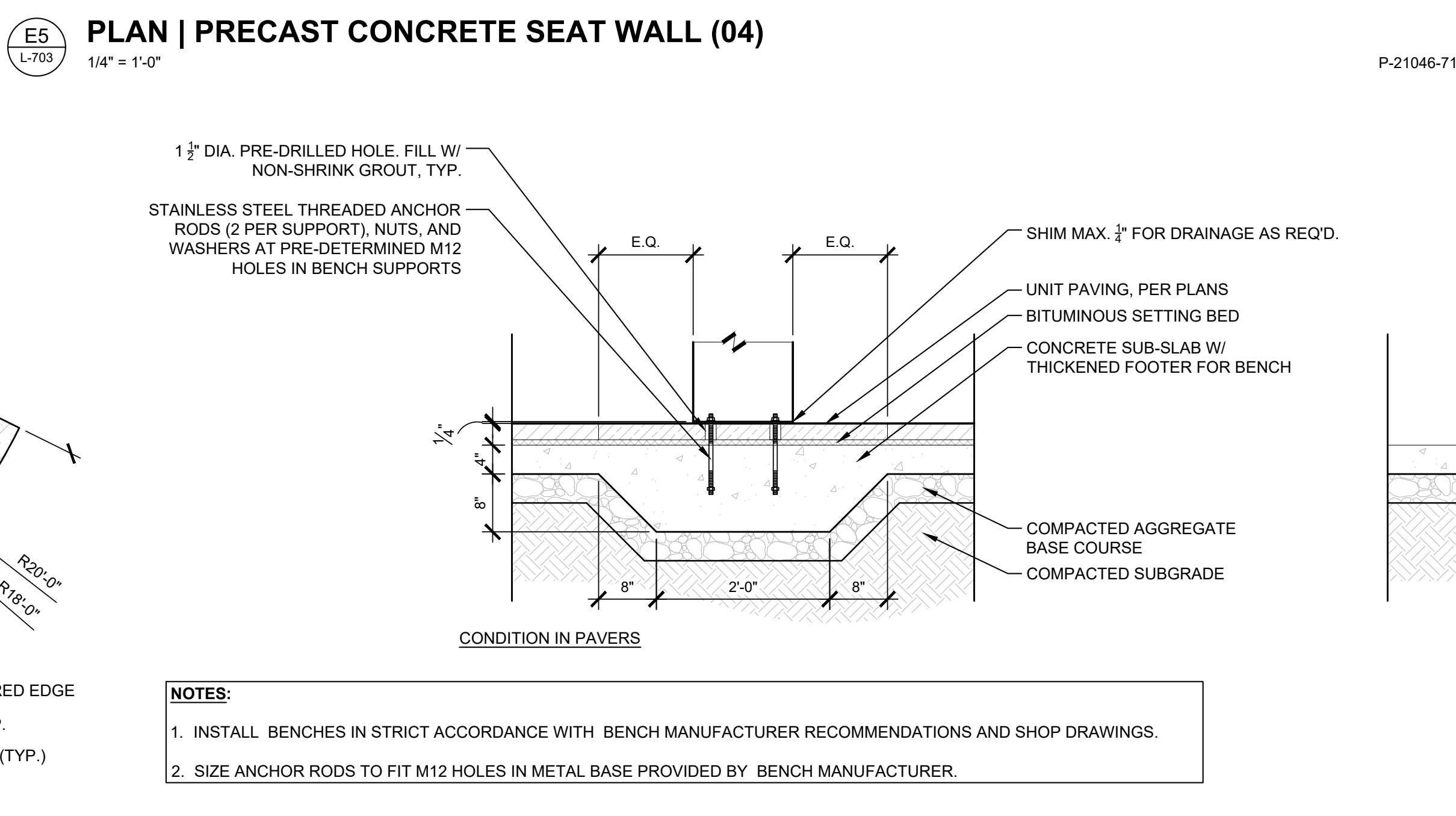
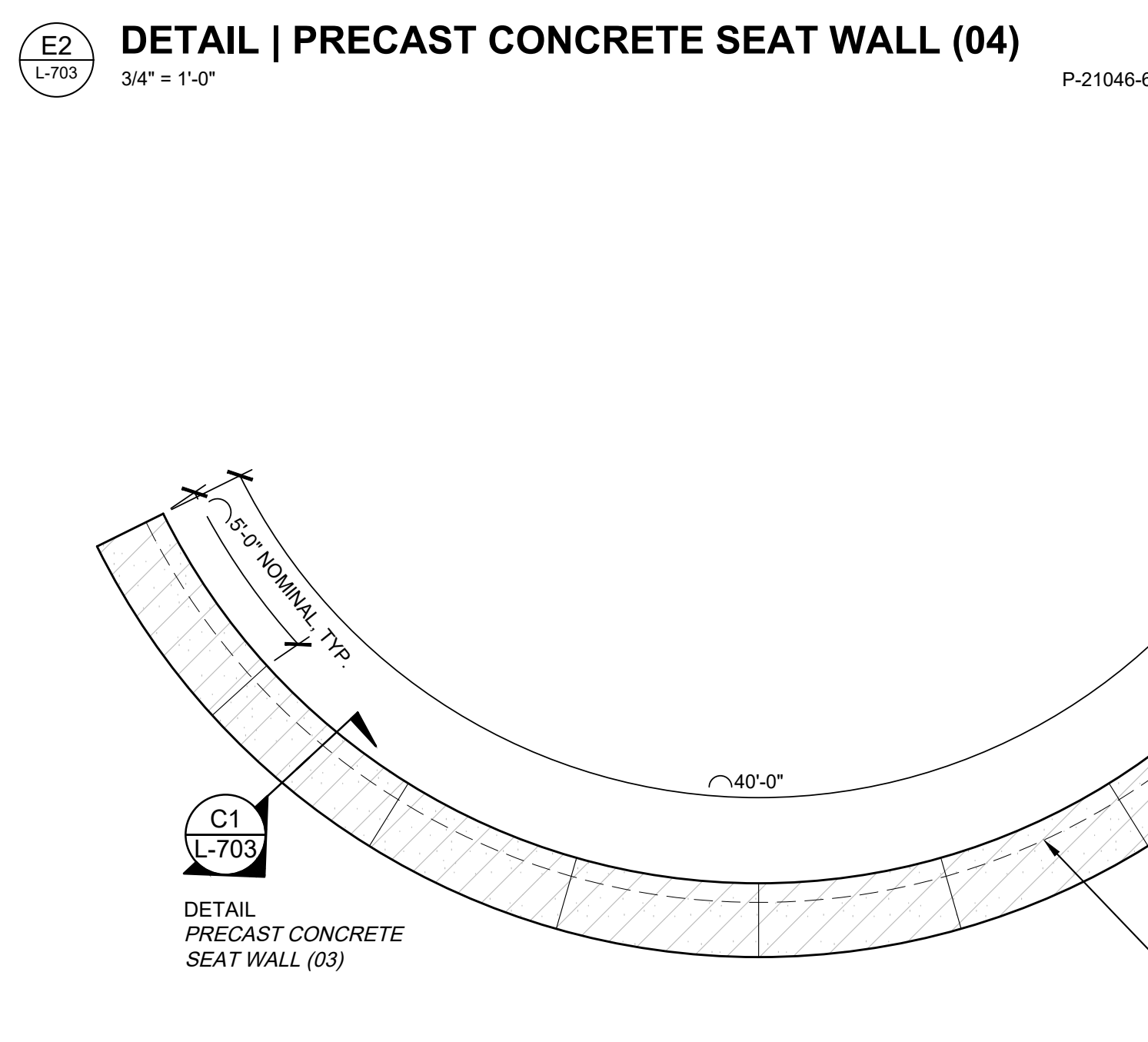
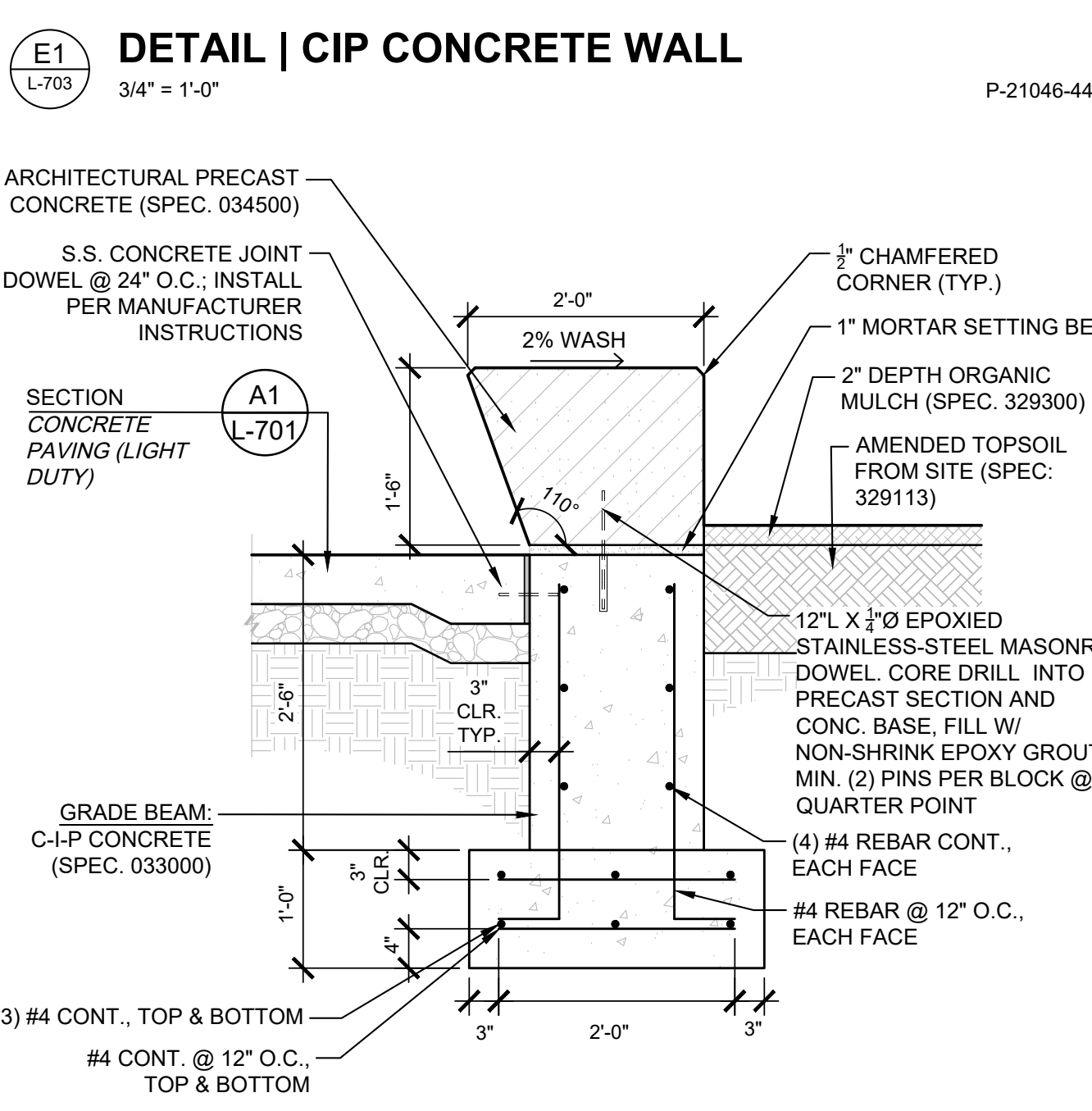
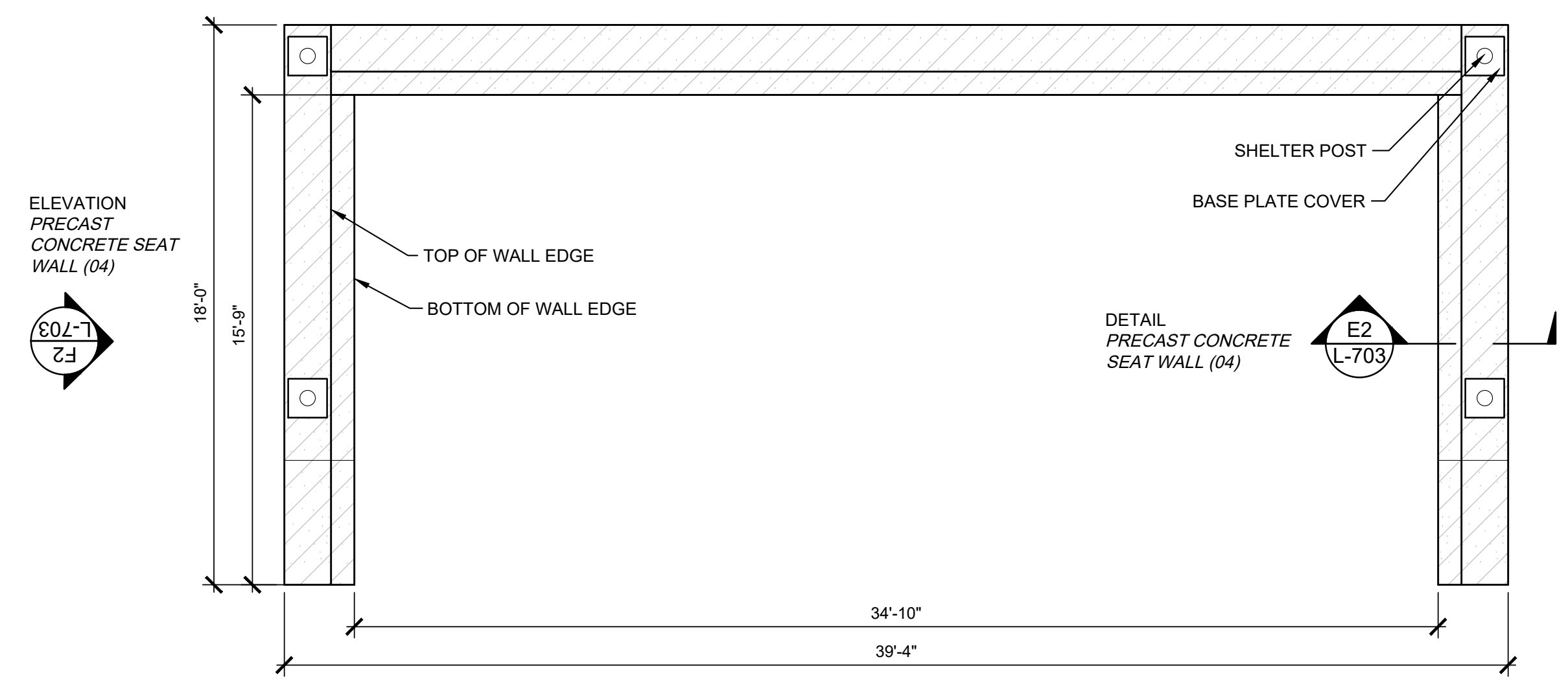
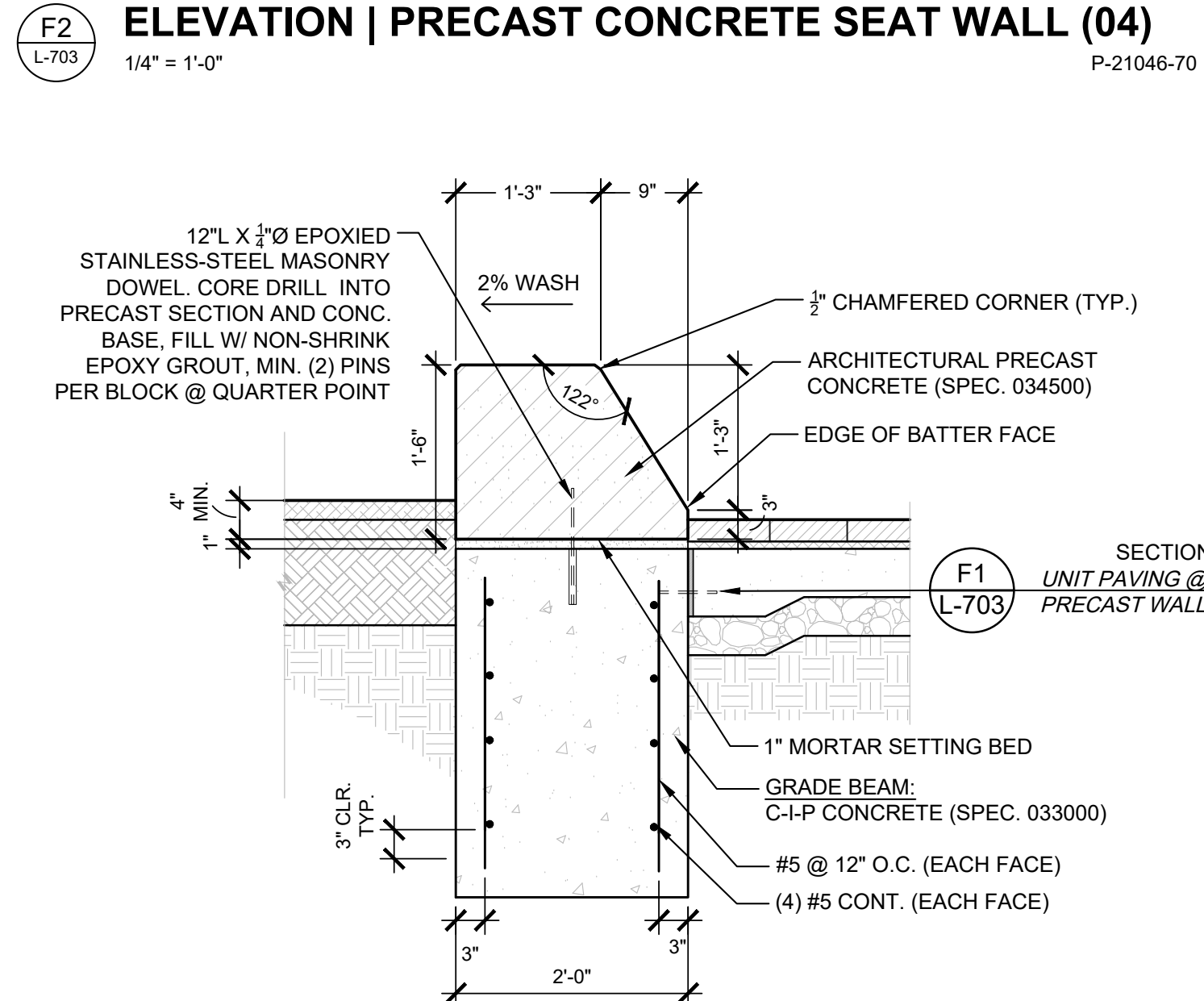
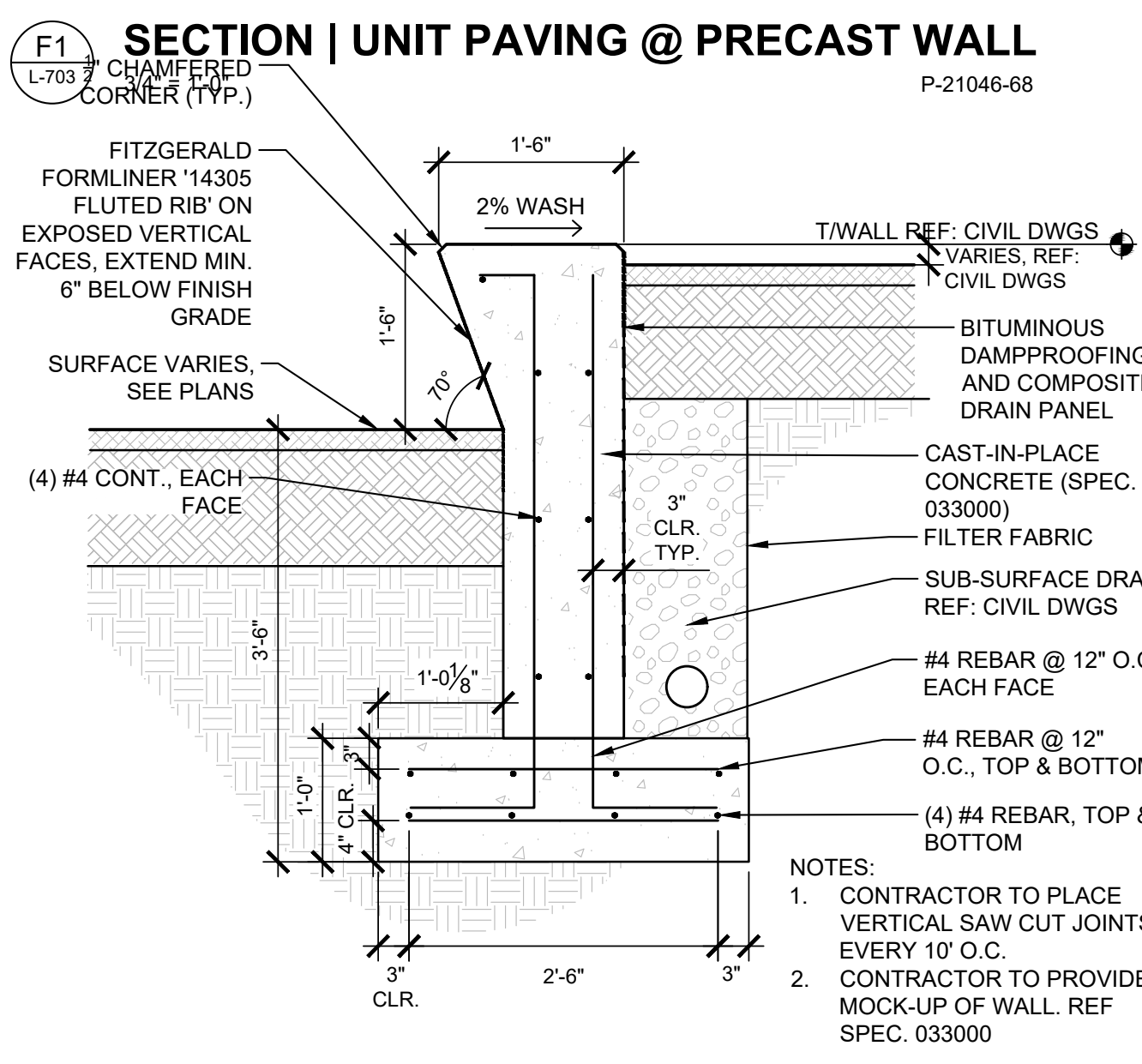
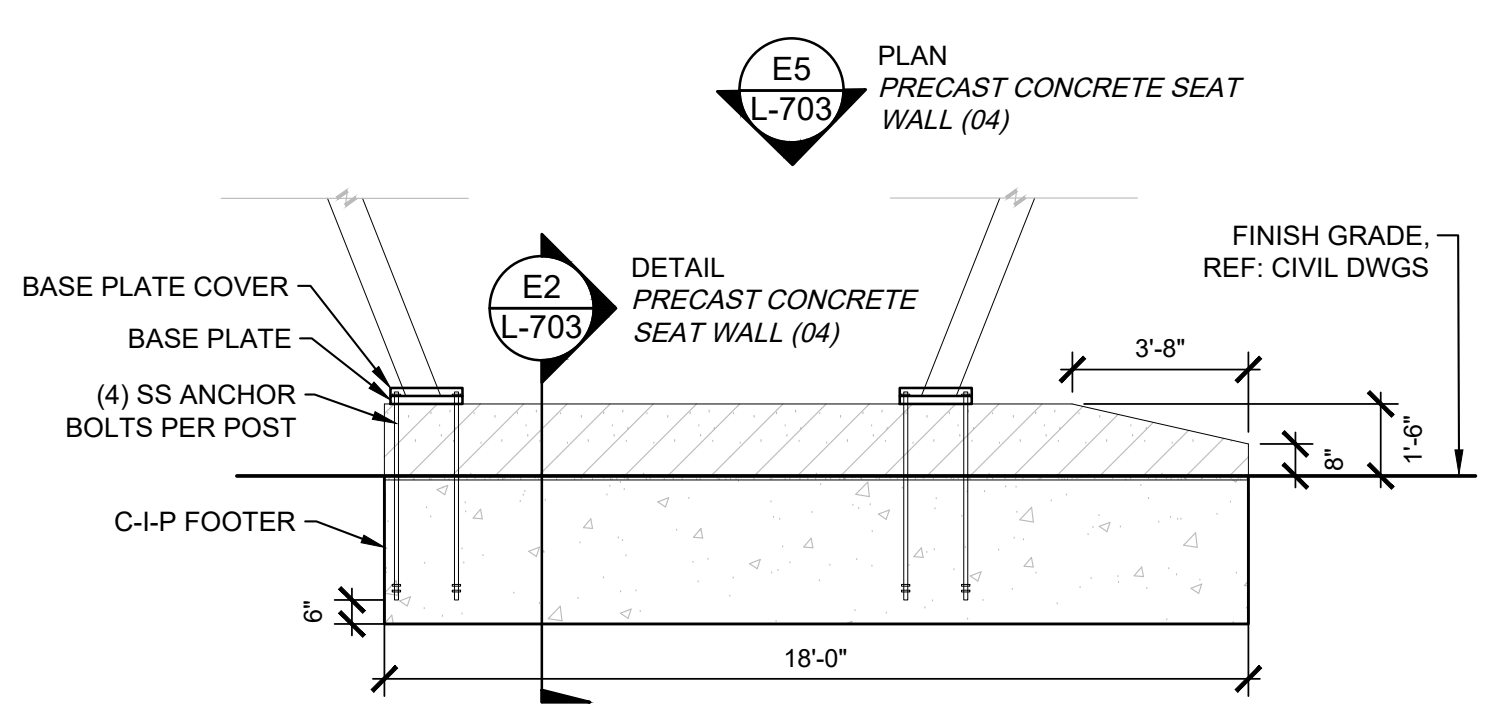
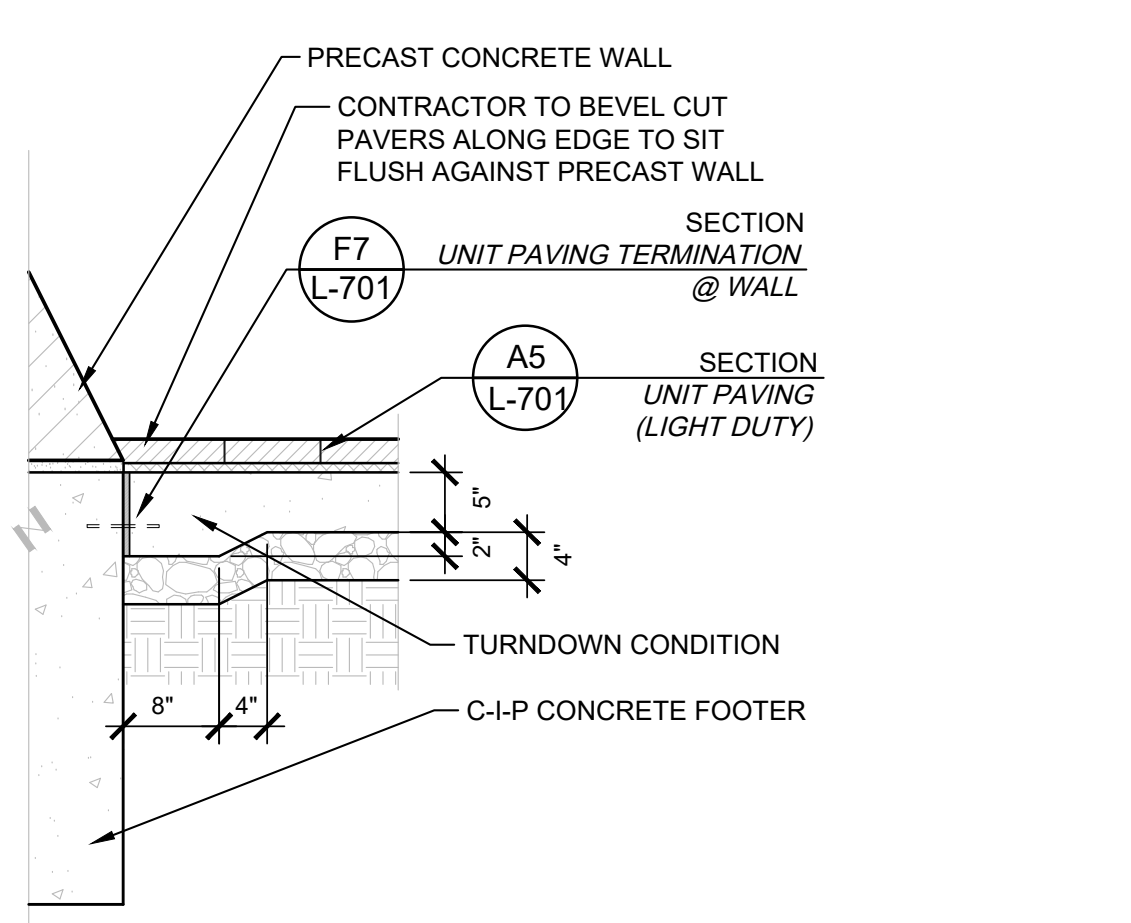


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 REST AREA
 INDIANA



Project Number: 84003001-22-058-C1	
Requisition Number: REST AREA	
Account Number: -	
Designer: RATIO	Drawing Date: 2023/02/23
Drafter: -	Drawing Scale: -
DAPW Approval: -	
Client Approval: -	
Reference Number: 1364	
Building Reference: -	
Sheet Name: SITE DETAILS	
Drawing Number: L-703	



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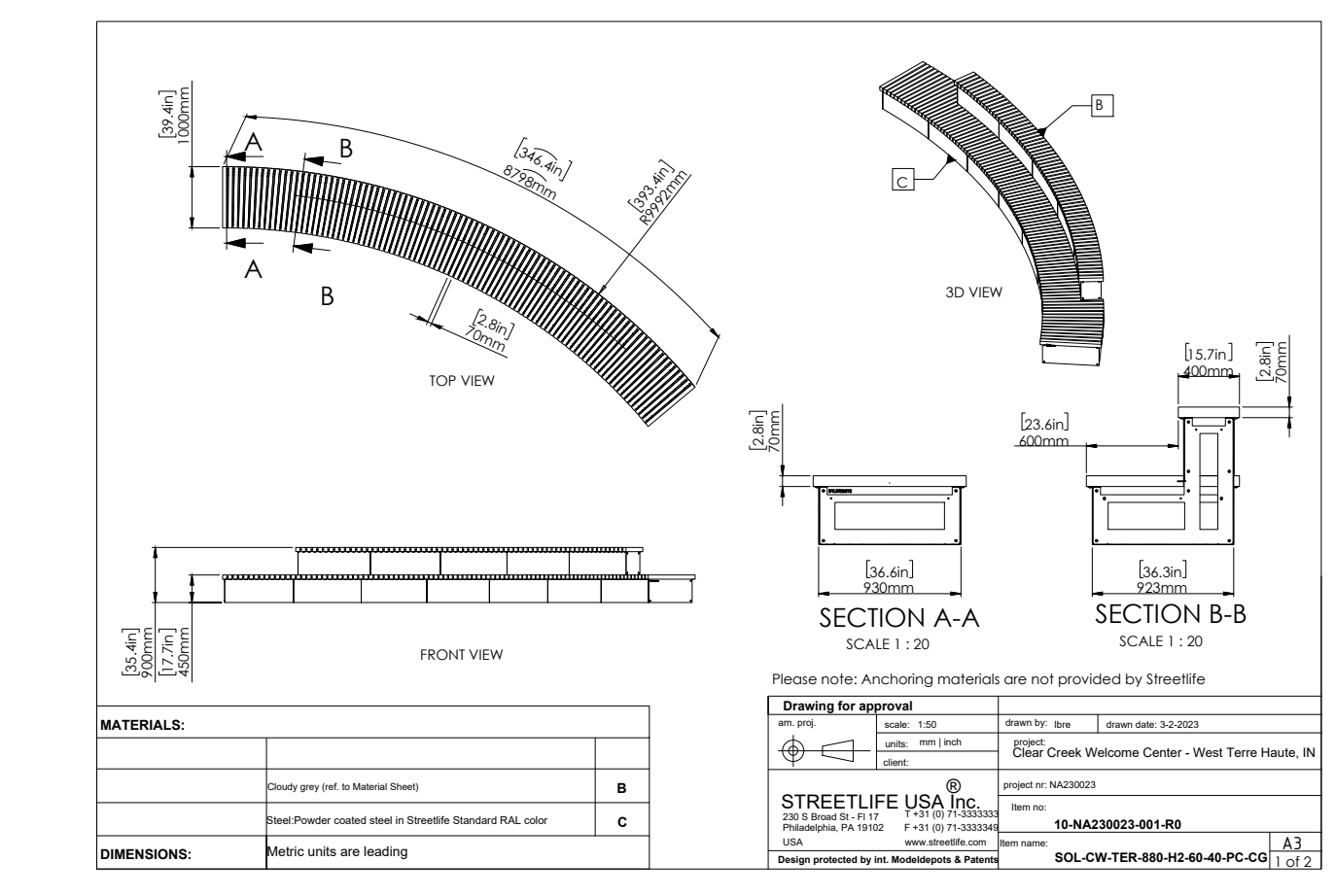
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PUBLIC WORKS PROJECT NO. 84003001-22-058-C1
 REST AREA
 INDIANA

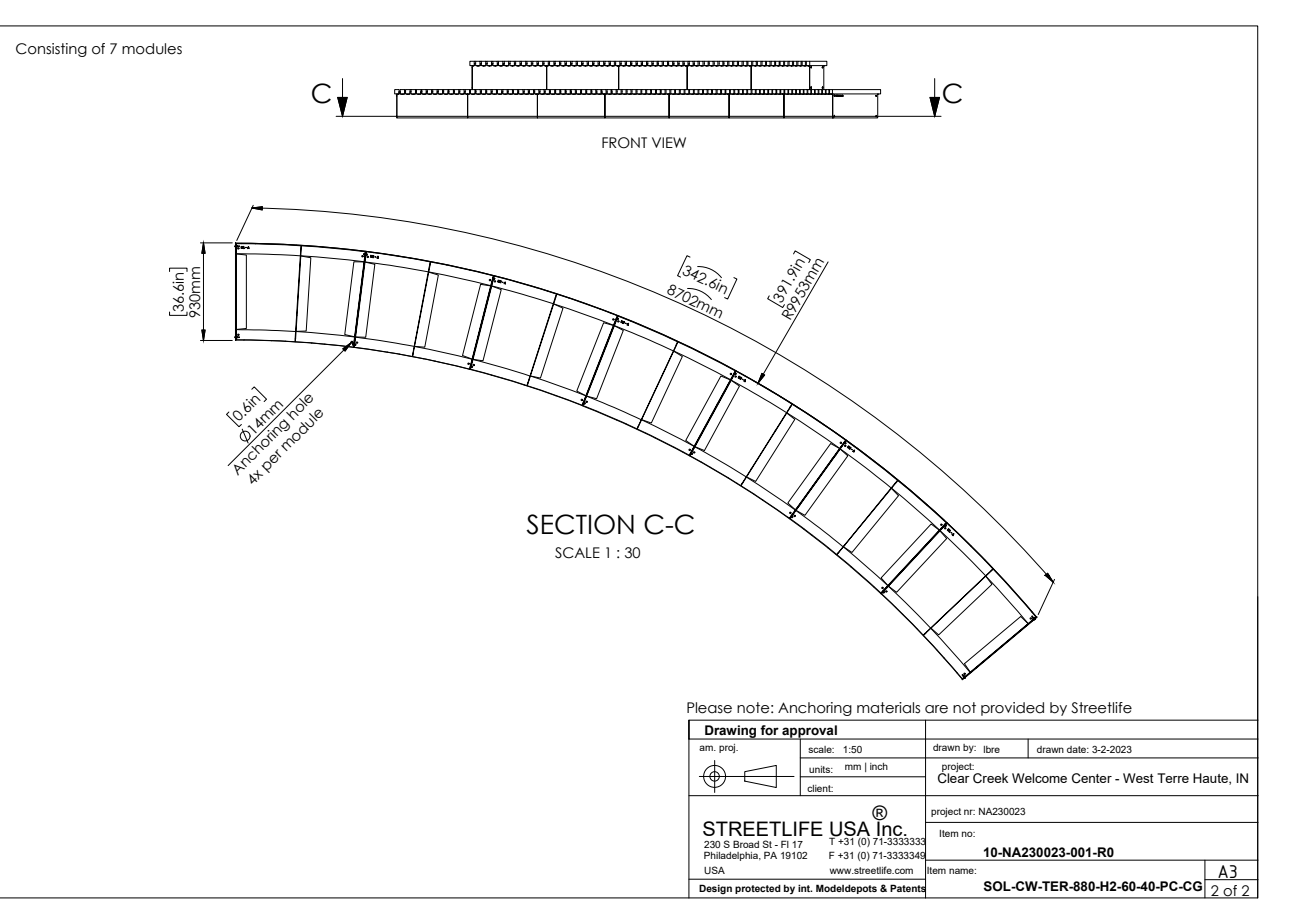
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Revisions:

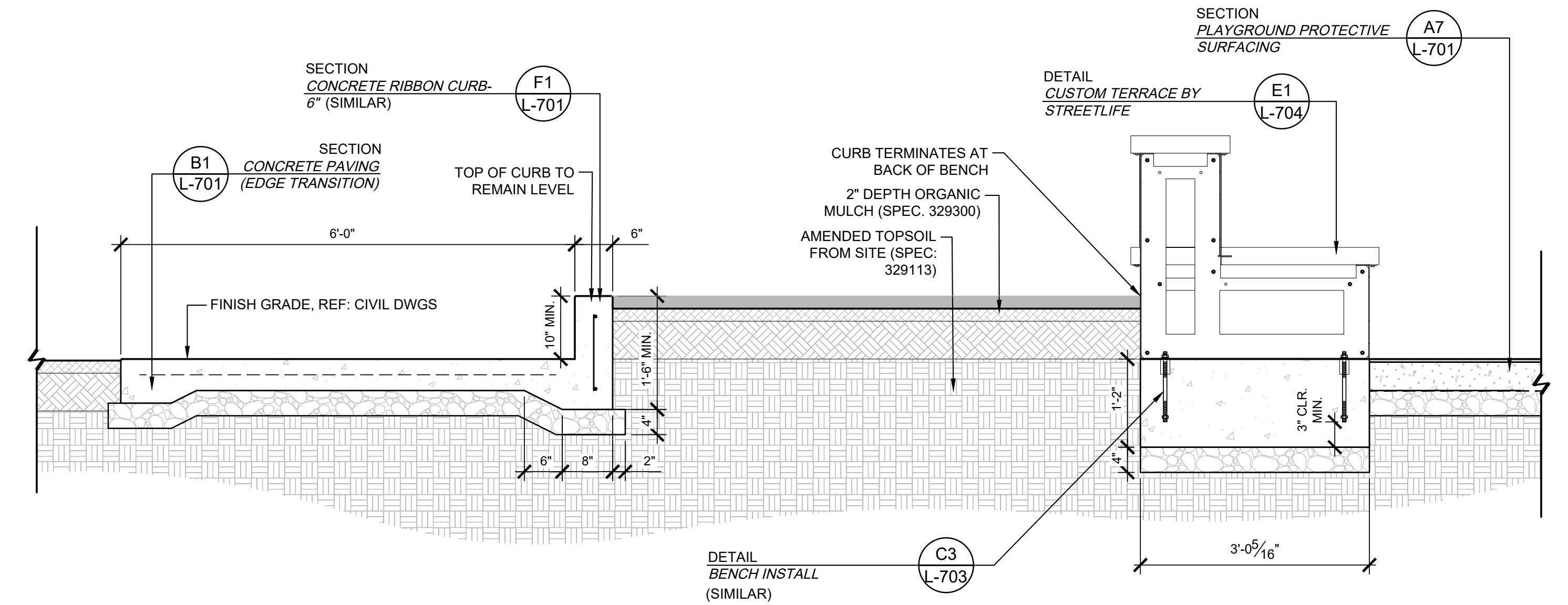
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Requisition Number:	REST AREA
Account Number:	
Designer:	RATIO
Drawing Date:	2023/02/23
Drafter:	
Drawing Scale:	
DAPW Approval:	
Client Approval:	
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Sheet Name:	SITE DETAILS
Drawing Number:	L-704



E1 L-704
DETAIL | CUSTOM TERRACE BY STREETLIFE
 VARIES

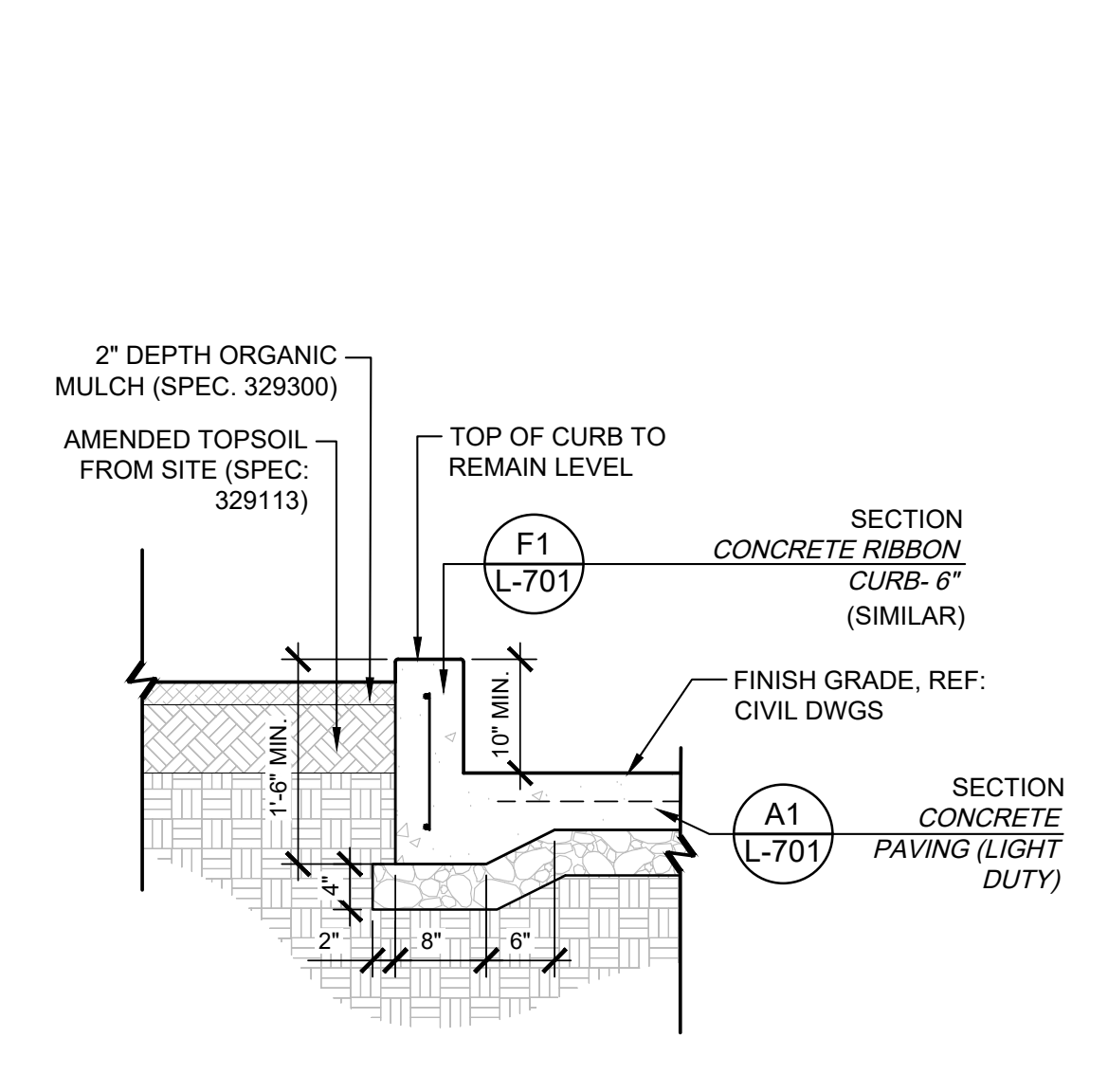


P-21046-73



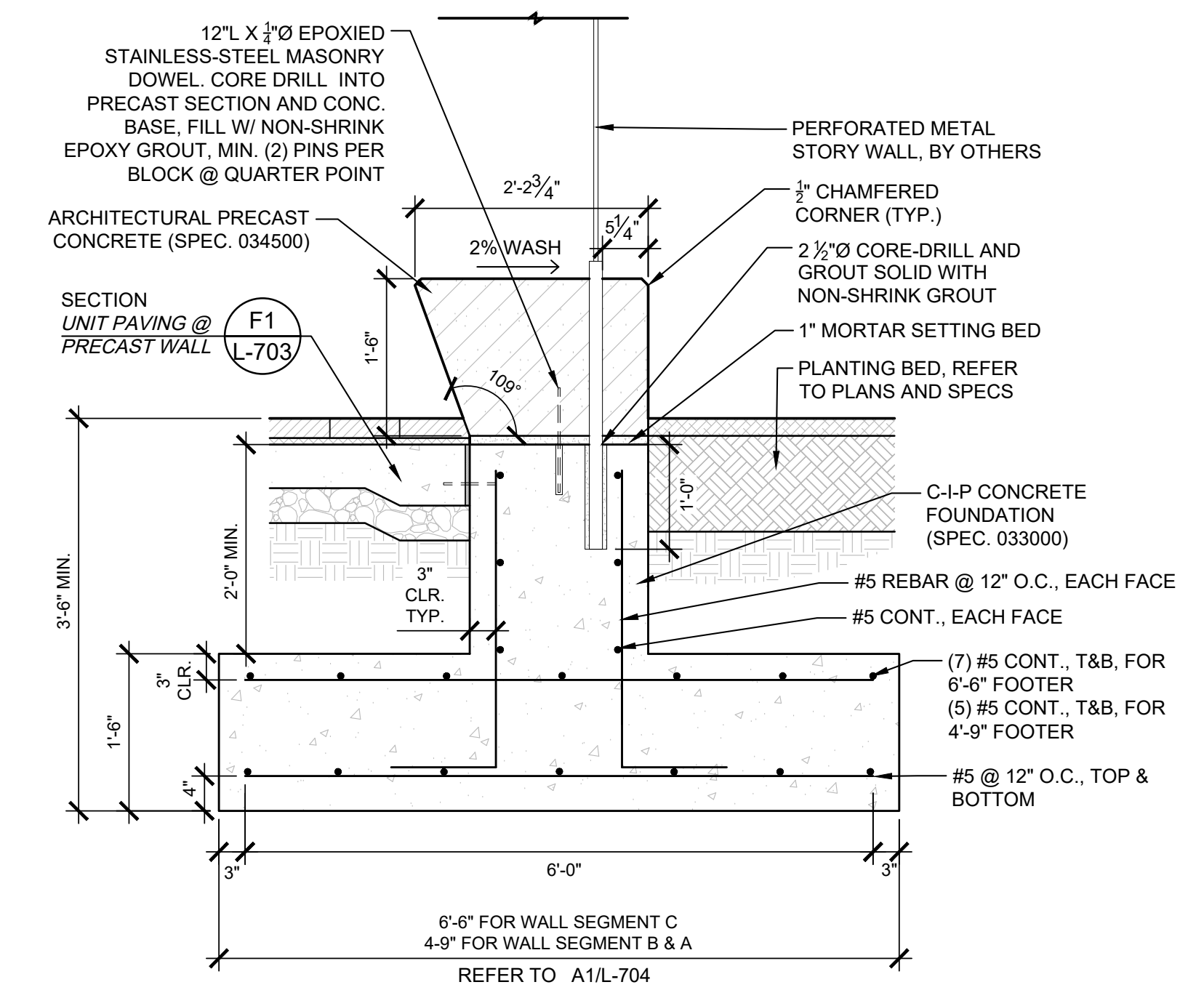
E4 L-704
SECTION | RAISED PLANTING BED (A)
 3/4" = 1'-0"

P-21046-80



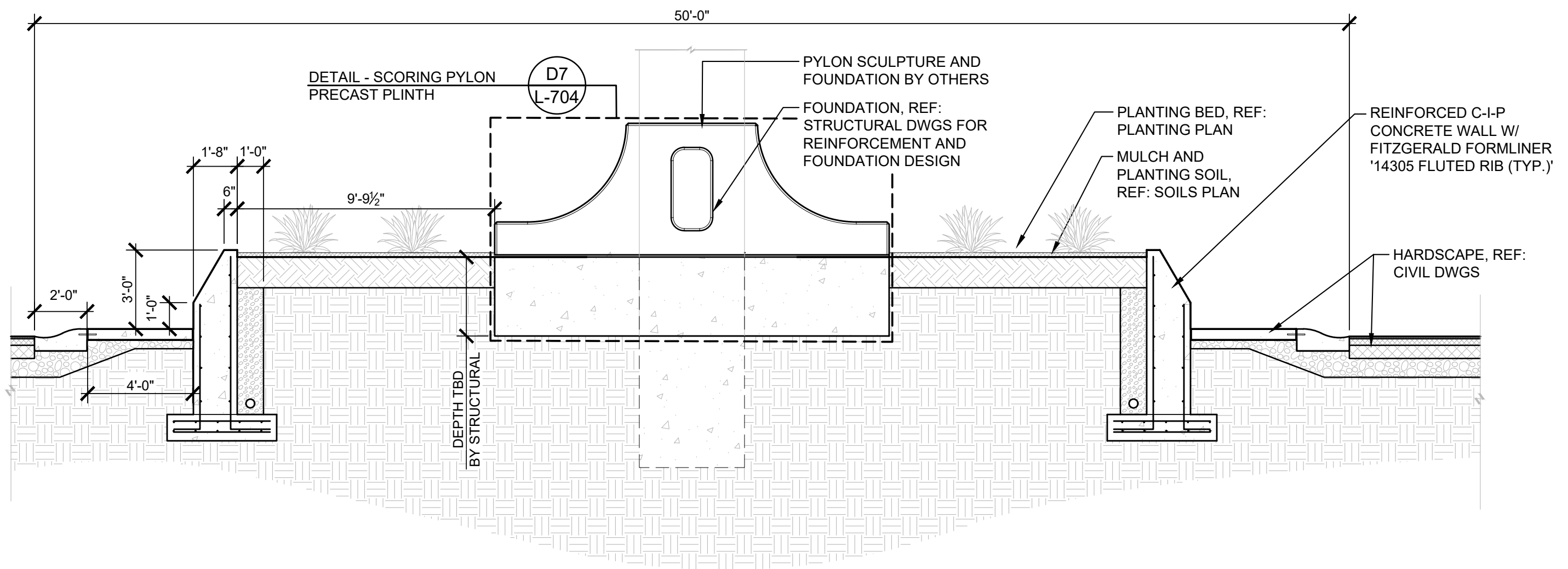
E7 L-704
SECTION | RAISED PLANTING BED (B)
 3/4" = 1'-0"

P-21046-81

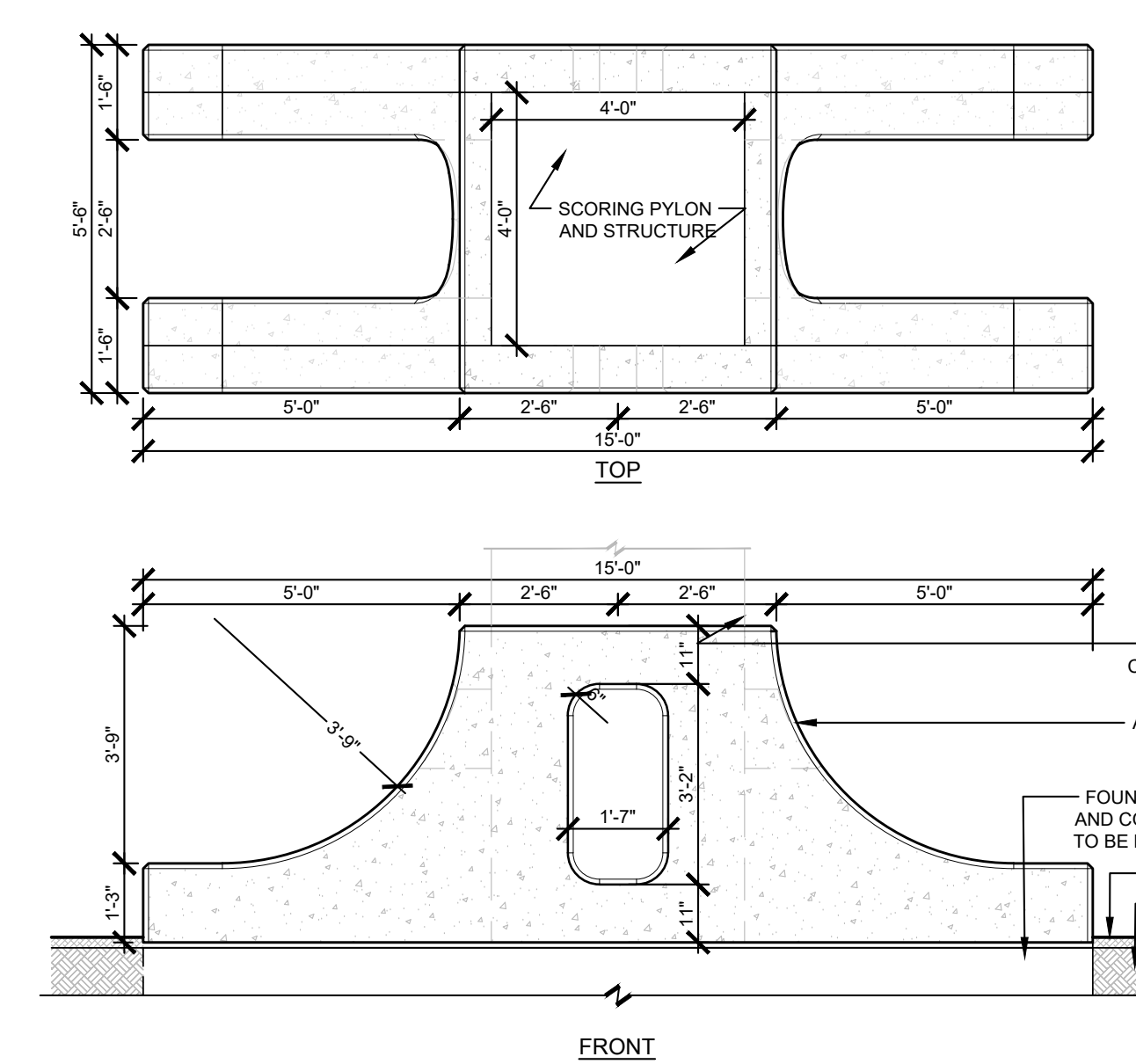


D1 L-704
DETAIL | PRECAST CONCRETE SEAT WALL (02)
 3/4" = 1'-0"

P-21046-41

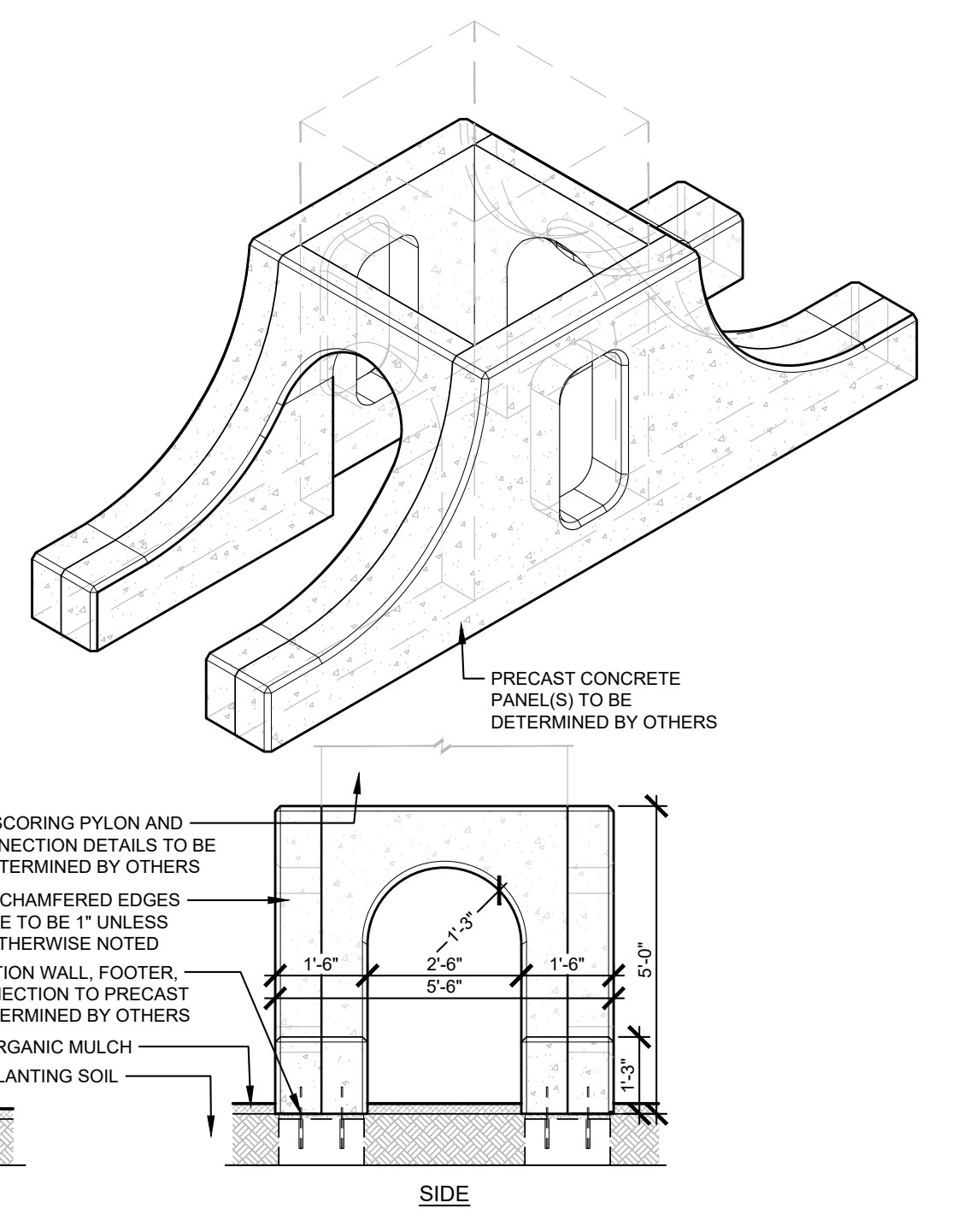


D4 L-704
SECTION | ROUNDABOUT
 1/4" = 1'-0"

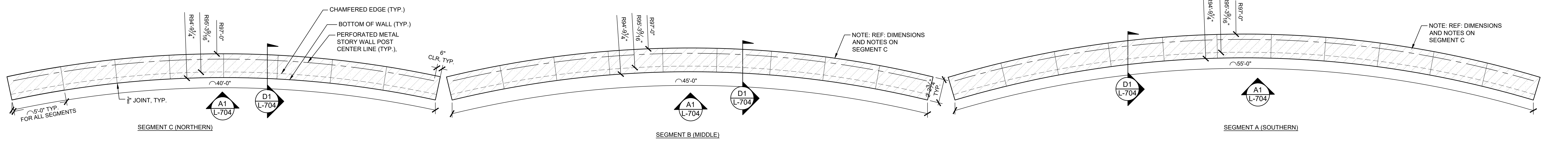


D7 L-704
DETAIL - SCORING PYLON PRECAST PLINTH
 3/8" = 1'-0"

P-21046-43

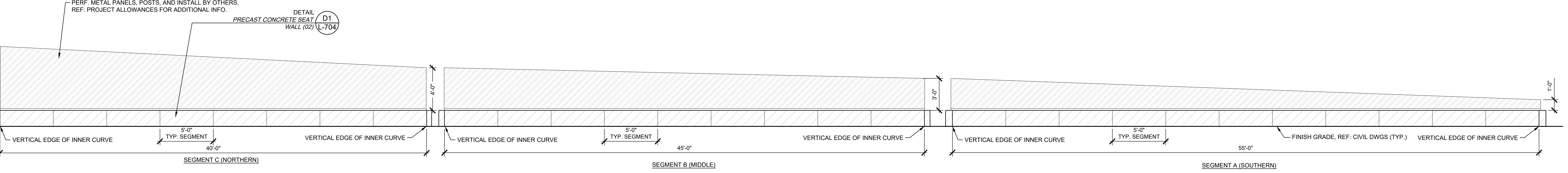


P-21046-82



C1 L-704
PLAN | PRECAST CONCRETE SEAT WALL (02)
 1/4" = 1'-0"

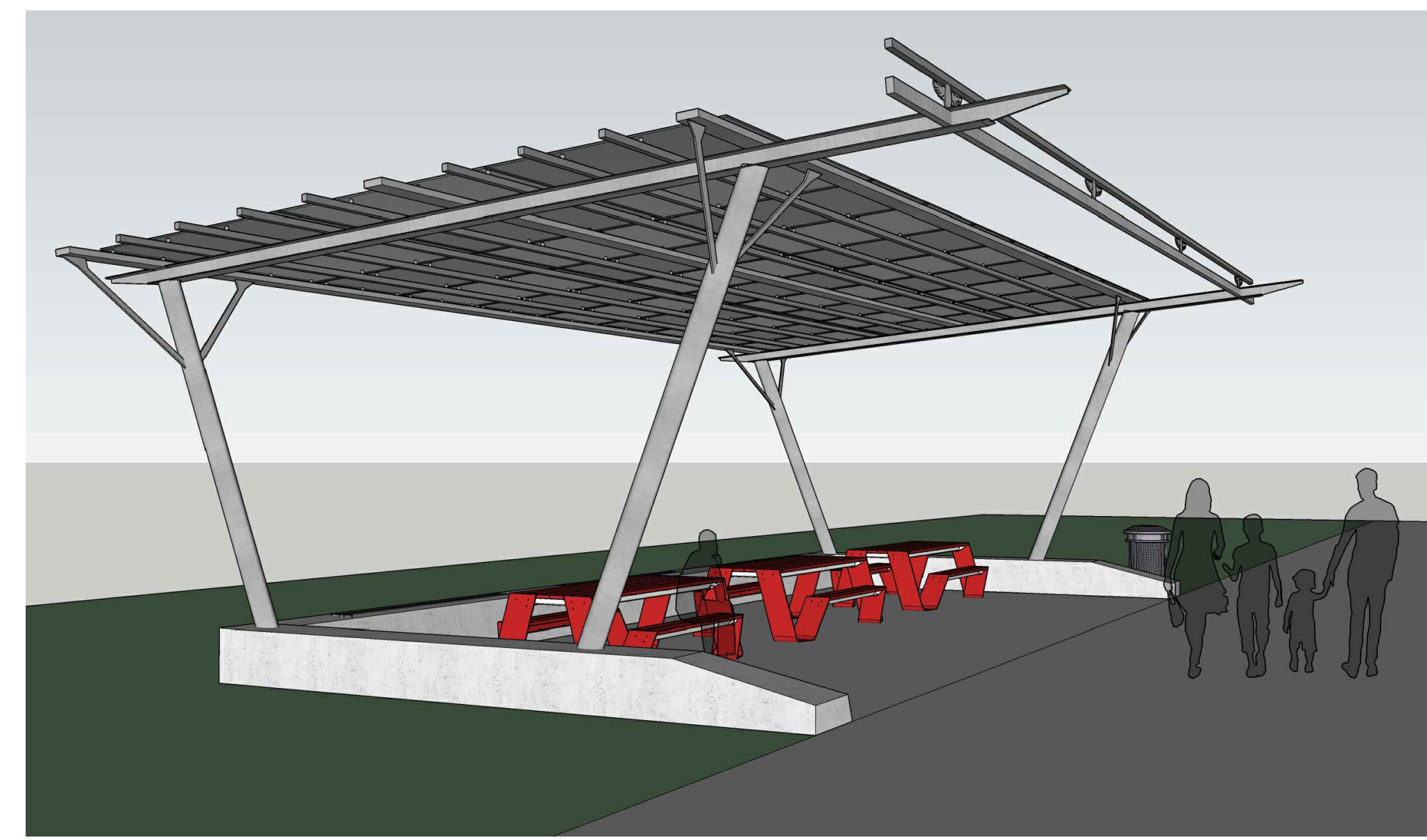
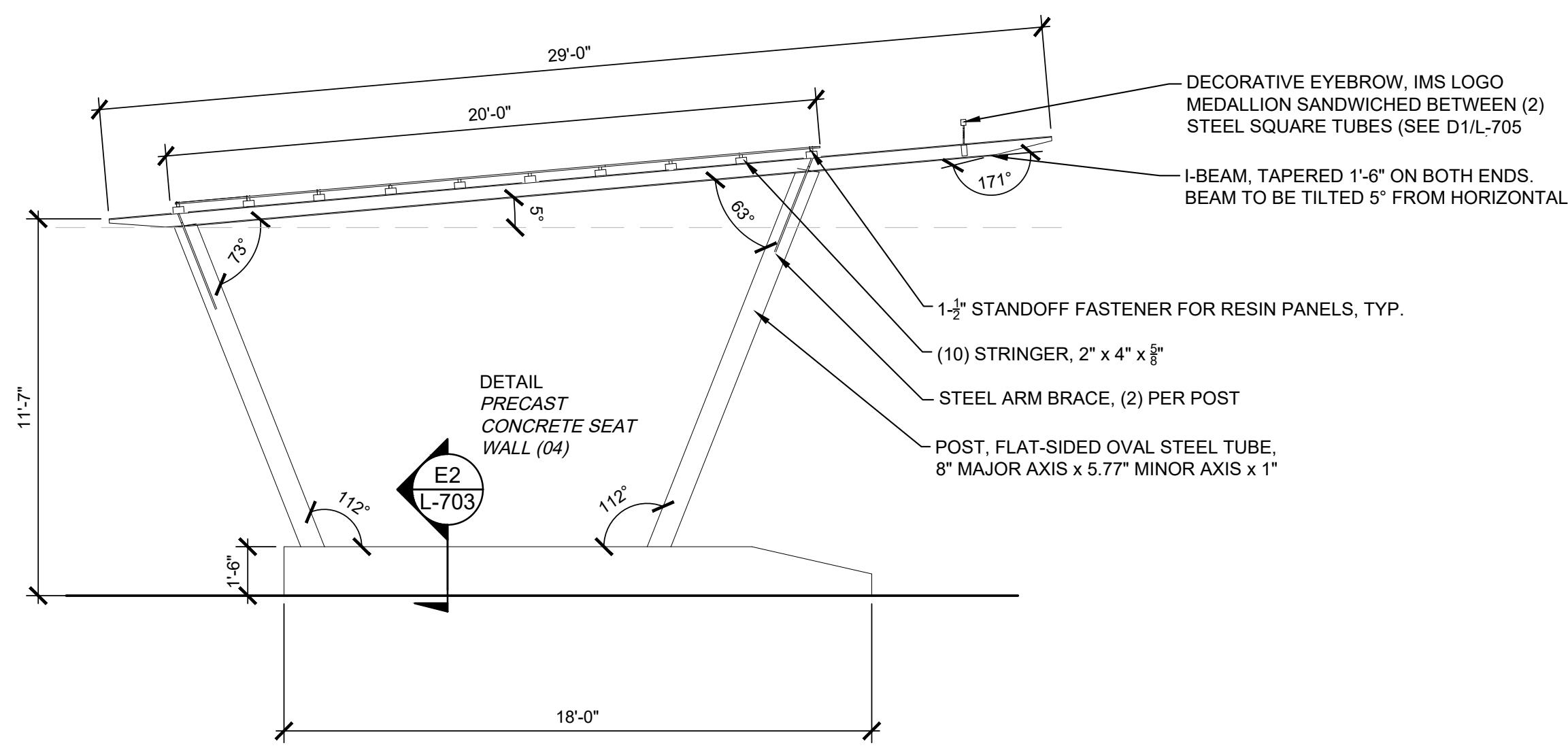
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A1 L-704
UNFOLDED ELEVATION | PRECAST CONCRETE SEAT WALL (02)
 1/4" = 1'-0"

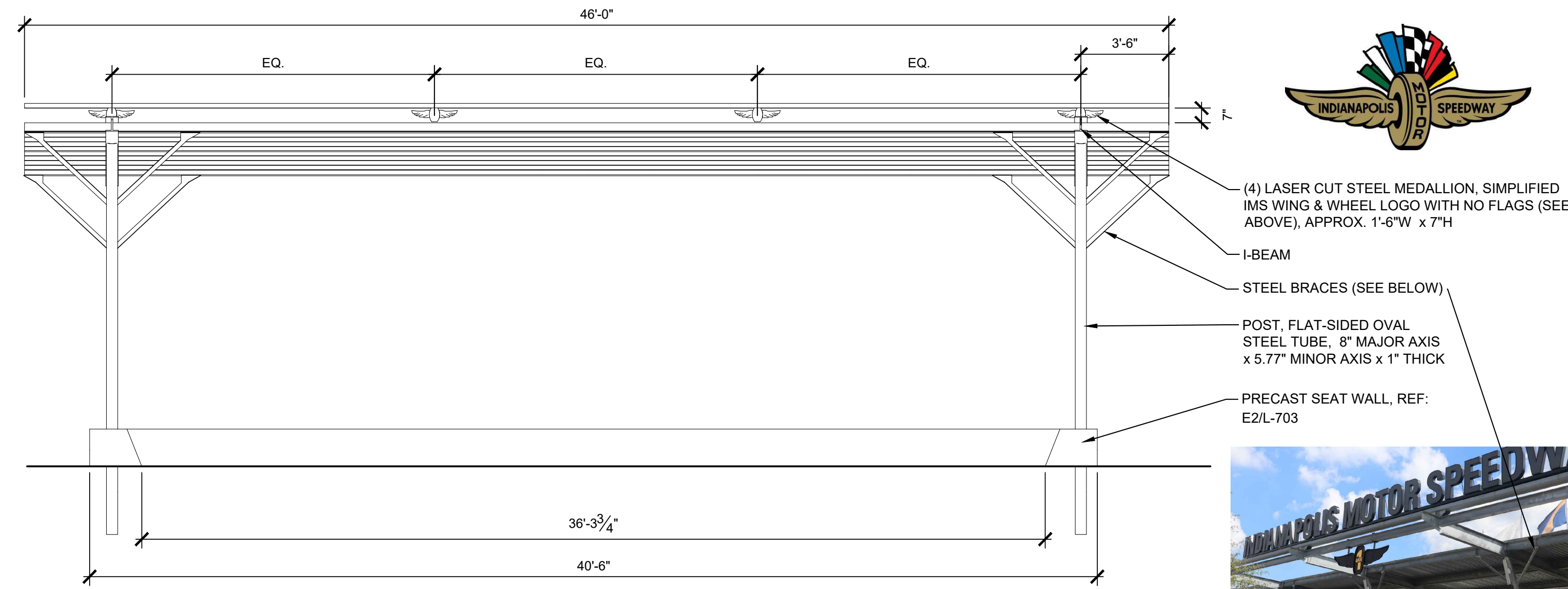
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F1
ELEVATION | SHELTER - SIDE
1/4" = 1'-0"

G4
PERSPECTIVE | SHELTER - ILLUSTRATIVE MODEL
NTS



D1
ELEVATION | SHELTER - FRONT
1/4" = 1'-0"

P-21046-63

SHEET NOTES FOR STRUCTURE
1.01 GENERAL NOTES

- A. Details on this sheet and corresponding Structural details sheets S1-1 and S1-2 are provided for design intent only.
- B. Contractor to follow the below requirements for Delegated Design Submittals. In addition, to the below requirements contractor shall adhere to INDOT standard specifications section 711 Steel Structures, except unit prices sections and measurement and payment section are not required since the entire project is being bid lump sum.

1.02 SUBMITTALS

- A. Submit a minimum of two (2) sets of submittal drawings and (2) sets of structural calculations signed and sealed by a Professional Engineer licensed in the state of Indiana.

B. PRODUCT DESIGN REQUIREMENTS:

1. The structure shall meet the following design requirements:
 - a. Building Code: 2014 Indiana Building Code
 - b. Ground Snow Load: 20 p.s.f.
 - c. Live Load: 20 p.s.f.
 - d. Wind Speed: 90 m.p.h. Exp "C"
 - e. Seismic Design Category: D

C. SUBMITTAL REQUIREMENTS

1. Calculations:
 - a. Design according to the requirements of the national, state or local building codes.
 - b. Calculations shall include all member design for each different member type.
 - c. Connection design for each different connection that will determine the design of the bolts, welds, plate thickness and anchorage to the foundation.
 - d. Foundation design shall be for the loads applied, not a generic foundation design, while taking into account all soils information.
2. Submittal Drawings:
 - a. Anchor bolt layout with all appropriate dimensions for installation.
 - b. Site specific foundation design.
 - c. Isometric as well as elevation and plan views of the framing members along with the member sizes and locations indicated on the drawings.
 - d. Connection details for every connection on the frame.
 - e. Roof panel connections and trim installation details.
 - f. All accessories on the structure shall have an installation detail as well as connection details.

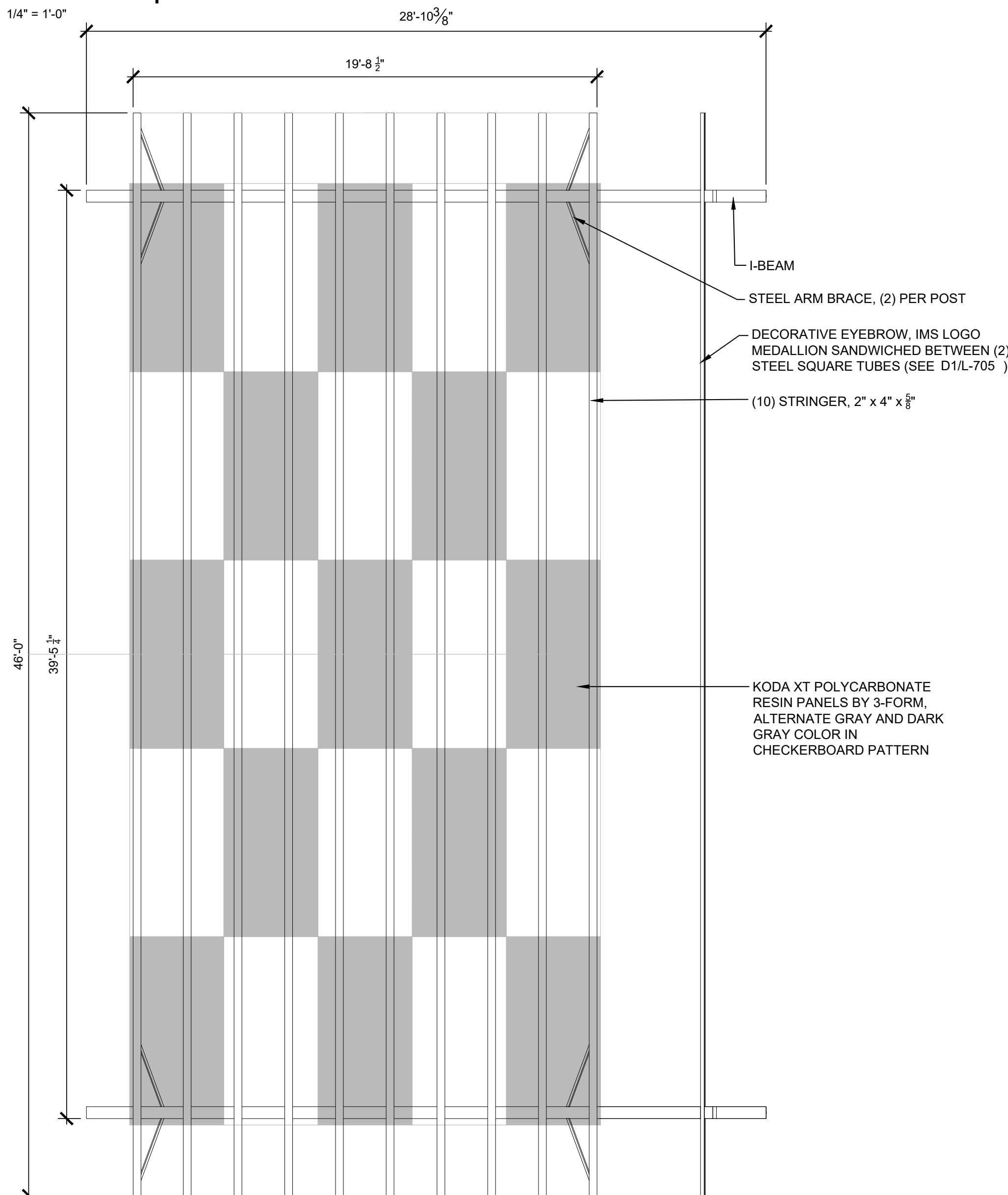
1.03 QUALITY ASSURANCE

A. FABRICATOR QUALIFICATIONS

2. The fabricator shall have a minimum of 15 years in steel shelter fabrication.
3. Full Time on Staff Quality Assurance Manager.
4. All welders must be AWS certified for welding steel structures.
5. Membership in the American Welding Society (AWS).
6. Membership in the American Institute of Steel Construction (AISC).
7. Full Time on Staff Licensed Engineer.
8. Published Quality Control System manual.
9. Quality Control System must pass an annual audit by a Third Part Agency.
10. ISO 9001 certification for Powder Coating System.

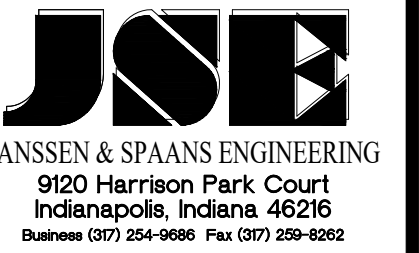
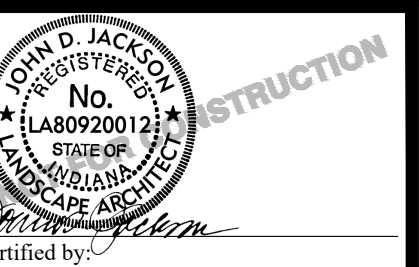
1.04 FABRICATOR WARRANTY

- A. Shelter shall have a 10-year limited warranty on the steel framing members.
- B. Shelter shall have a 10-year limited warranty on the powder-coated elements.



A1
PLAN | SHELTER
1/4" = 1'-0"

P-21046-65



PUBLIC WORKS PROJECT NO. 84003001-22-058-C1
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INDIANA



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Project Number:	84003001-22-058-C1
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Designer:	RATIO
Drawing Date:	2023/02/23
Drafter:	
Drawing Scale:	
DAPW Approval:	
Client Approval:	
Reference Number:	1364
Building Reference:	
Sheet Name:	SITE DETAILS
Drawing Number:	L-705

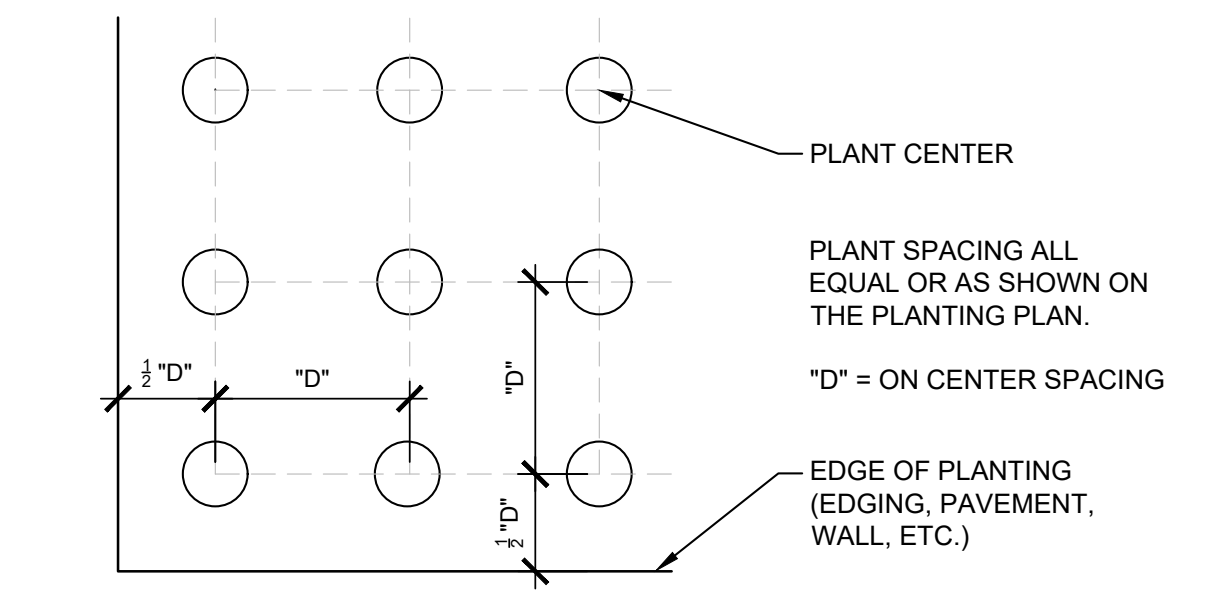
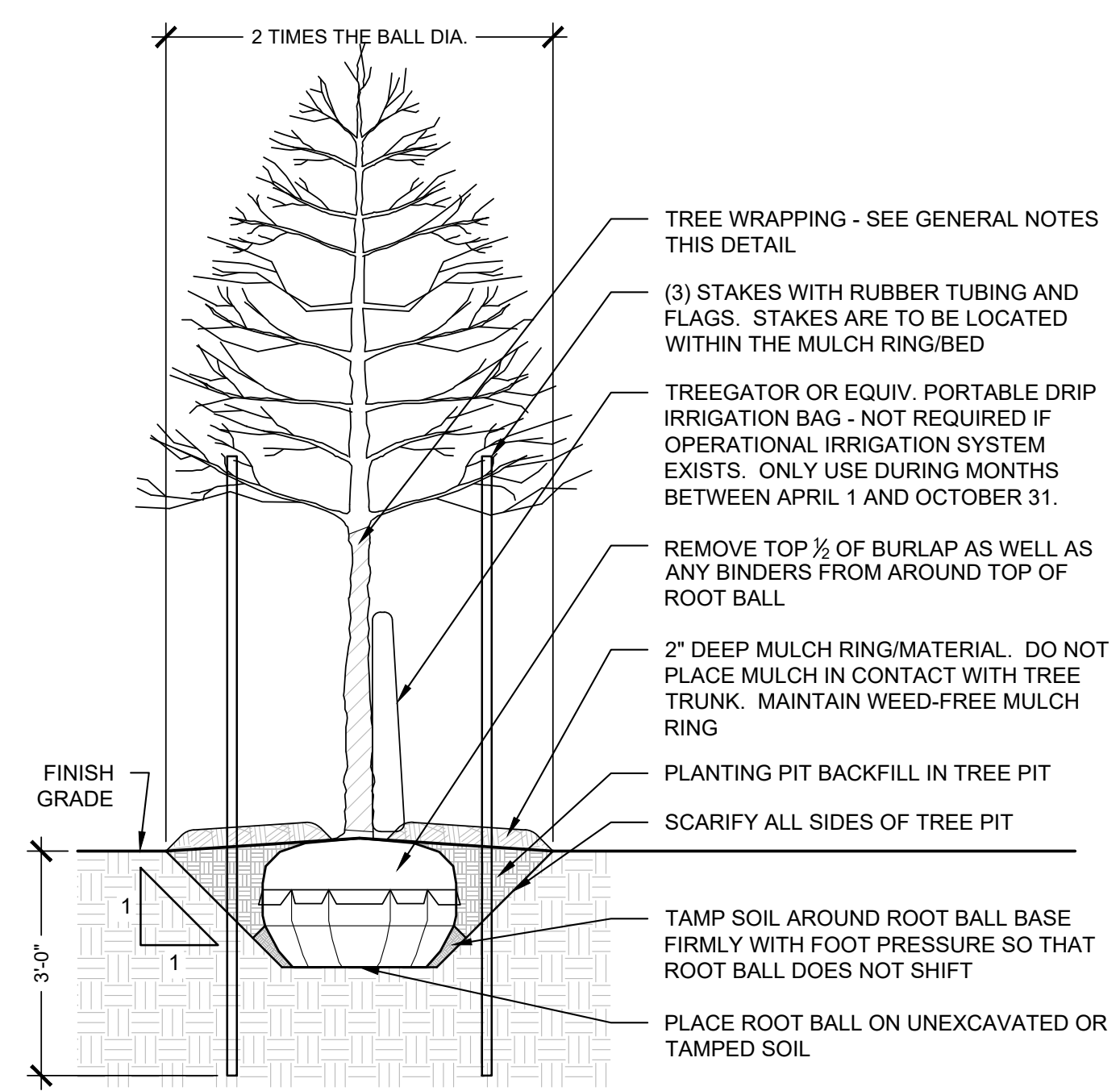
PUBLIC WORKS PROJECT NO. 84003001-22-058-C1
 REST AREA
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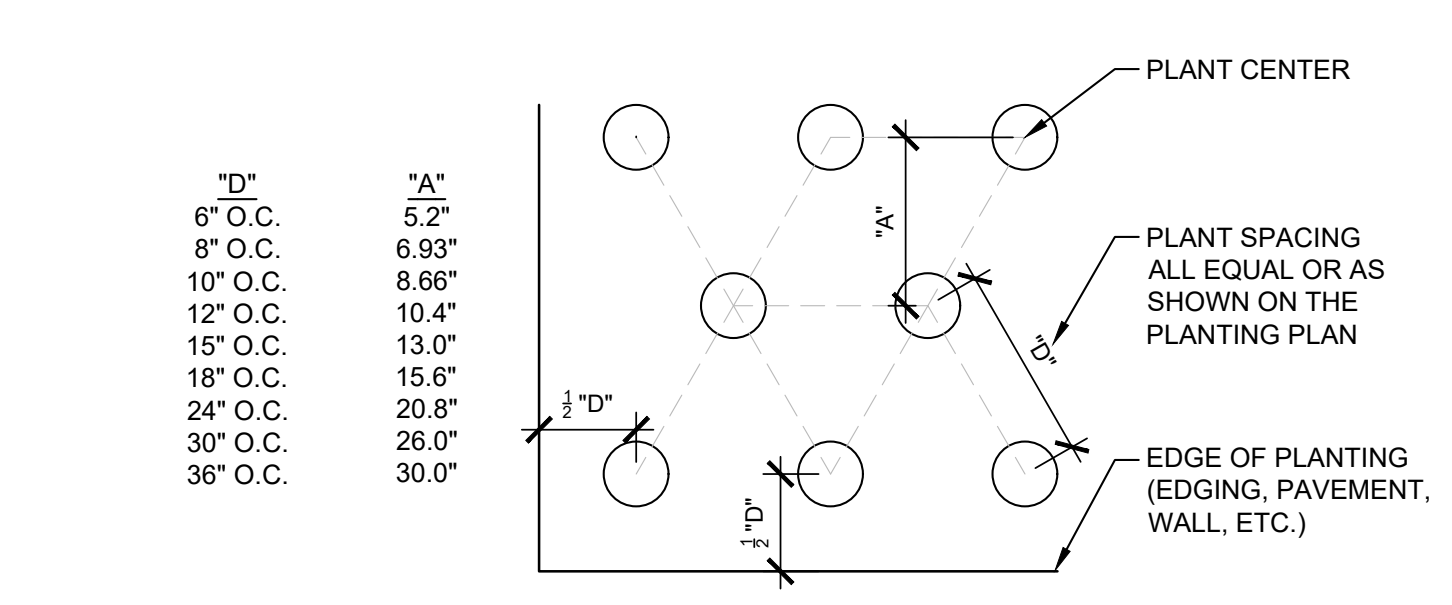
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PUBLIC WORKS DIVISION
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 INDIANAPOLIS, INDIANA 46204
 317-232-3900

Revisions:

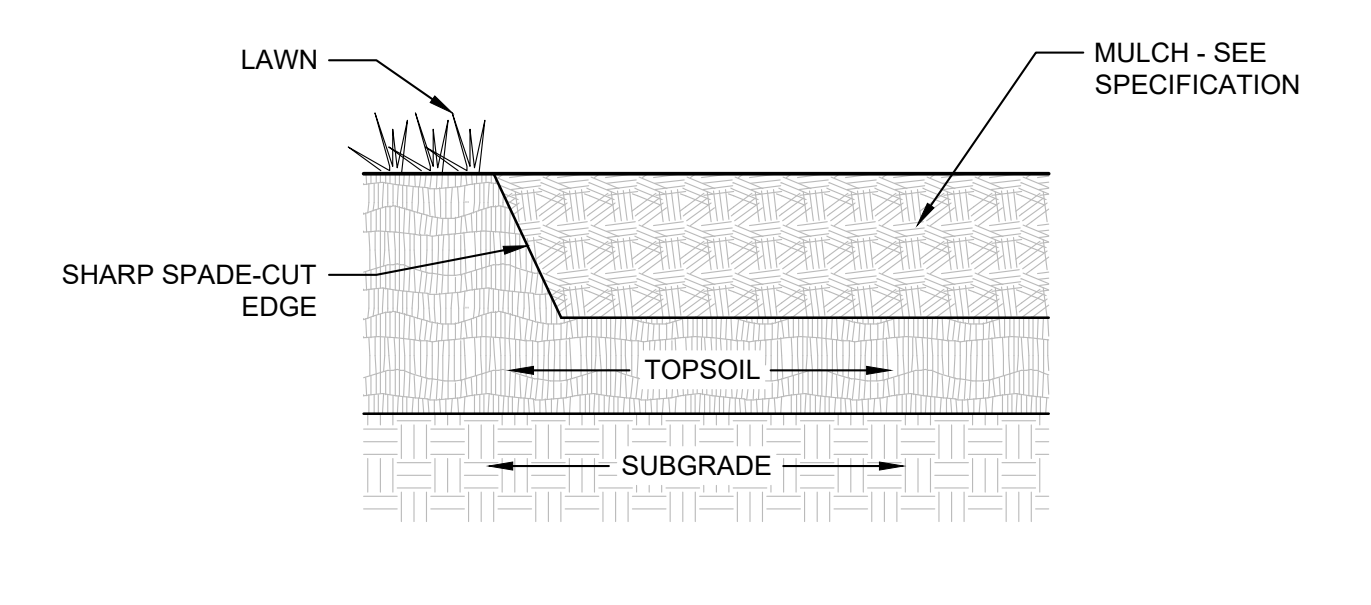
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Drafter:	
Drawing Scale:	
DAPW Approval:	
Client Approval:	
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Drawing Number:	L-710



B2 PLANT SPACING - GRID
 3" = 1'-0"
 P-21046-18

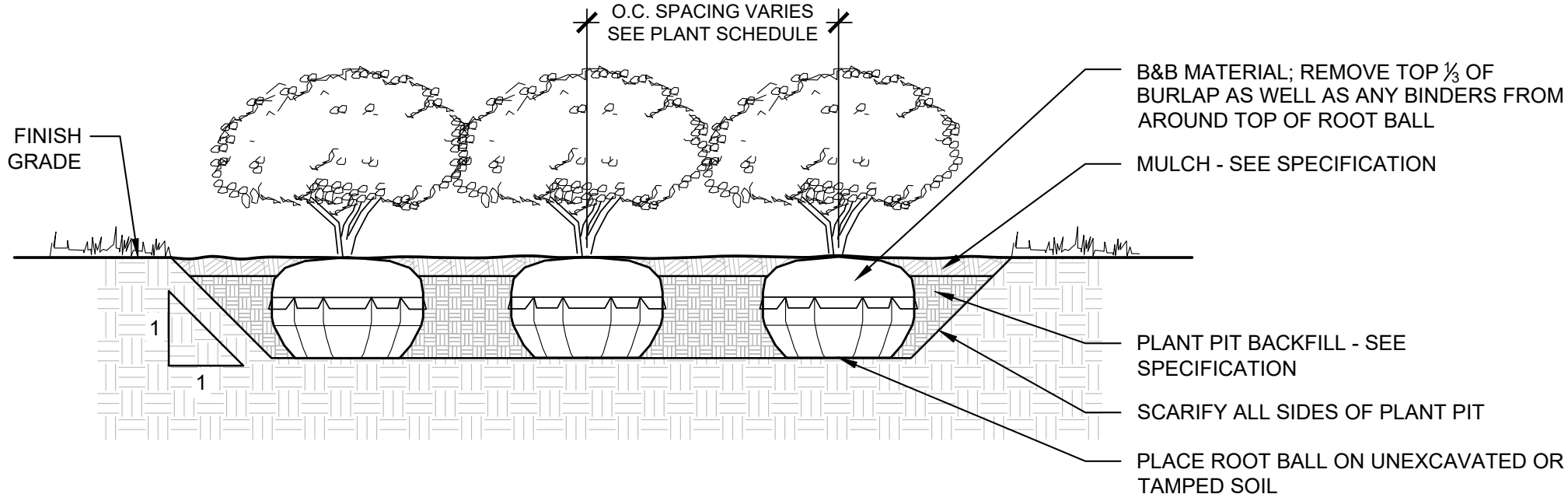


B4 PLANT SPACING - STAGGERED
 3" = 1'-0"
 P-21046-19

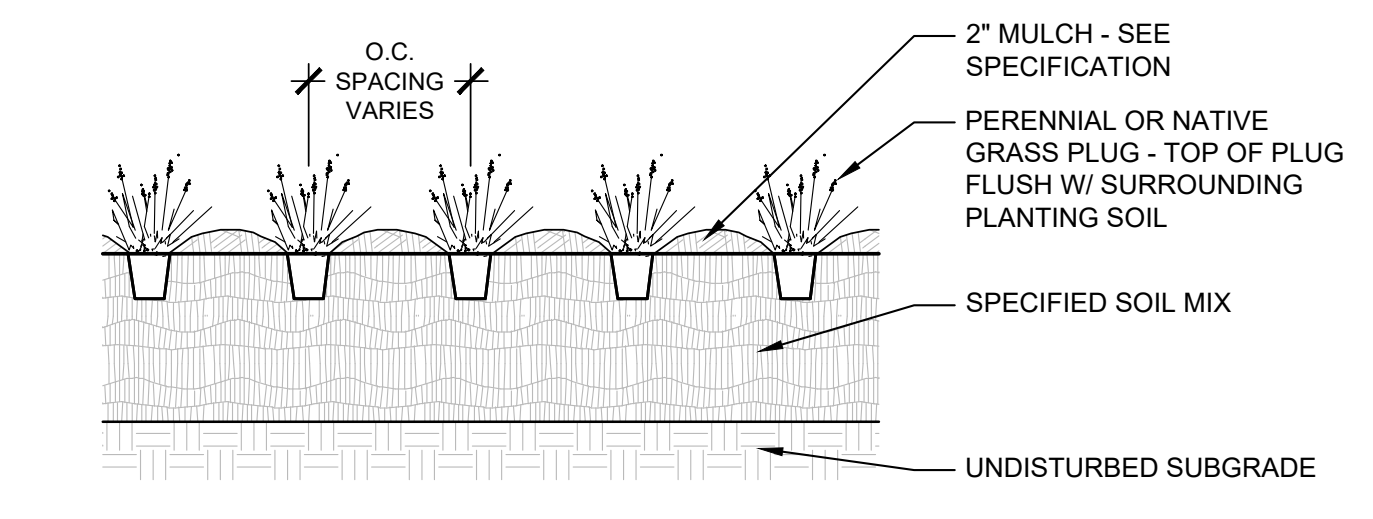


B5 DETAIL | SPADE EDGING
 3" = 1'-0"
 P-21046-20

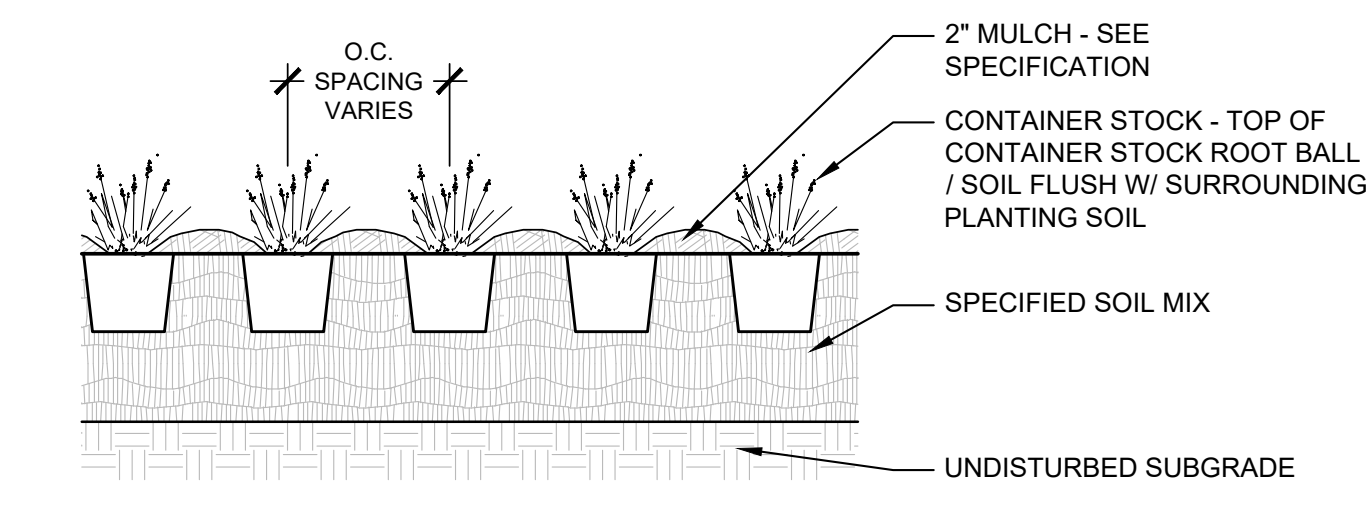
- GENERAL NOTES:**
- TREE WRAPPING SHALL BE IN PLACE ONLY IN MONTHS BETWEEN OCTOBER 31 AND APRIL 1.
 - TREE WRAPPING TO BE PLACED ONLY ON TREES WITH THIN BARK.
 - DO NOT HEAVILY PRUNE THE TREE AT PLANTING. PRUNE ONLY CROSSOVER LIMBS, CO-DOMINANT LEADERS, AND BROKEN OR DEAD BRANCHES. SOME INTERIOR TWIGGS AND LATERAL BRANCHES MAY BE PRUNED; HOWEVER, DO NOT REMOVE THE TERMINAL BUDS OF BRANCHES THAT EXTEND TO THE EDGE OF THE CROWN.
 - EACH TREE MUST BE PLANTED SUCH THAT THE TRUNK FLARE IS VISIBLE AT THE TOP OF THE ROOT BALL. DO NOT COVER THE TOP OF THE ROOT BALL WITH SOIL.



A2 DETAIL | SHRUB PLANTING (DECIDUOUS OR EVERGREEN)
 1/2" = 1'-0"
 P-21046-15



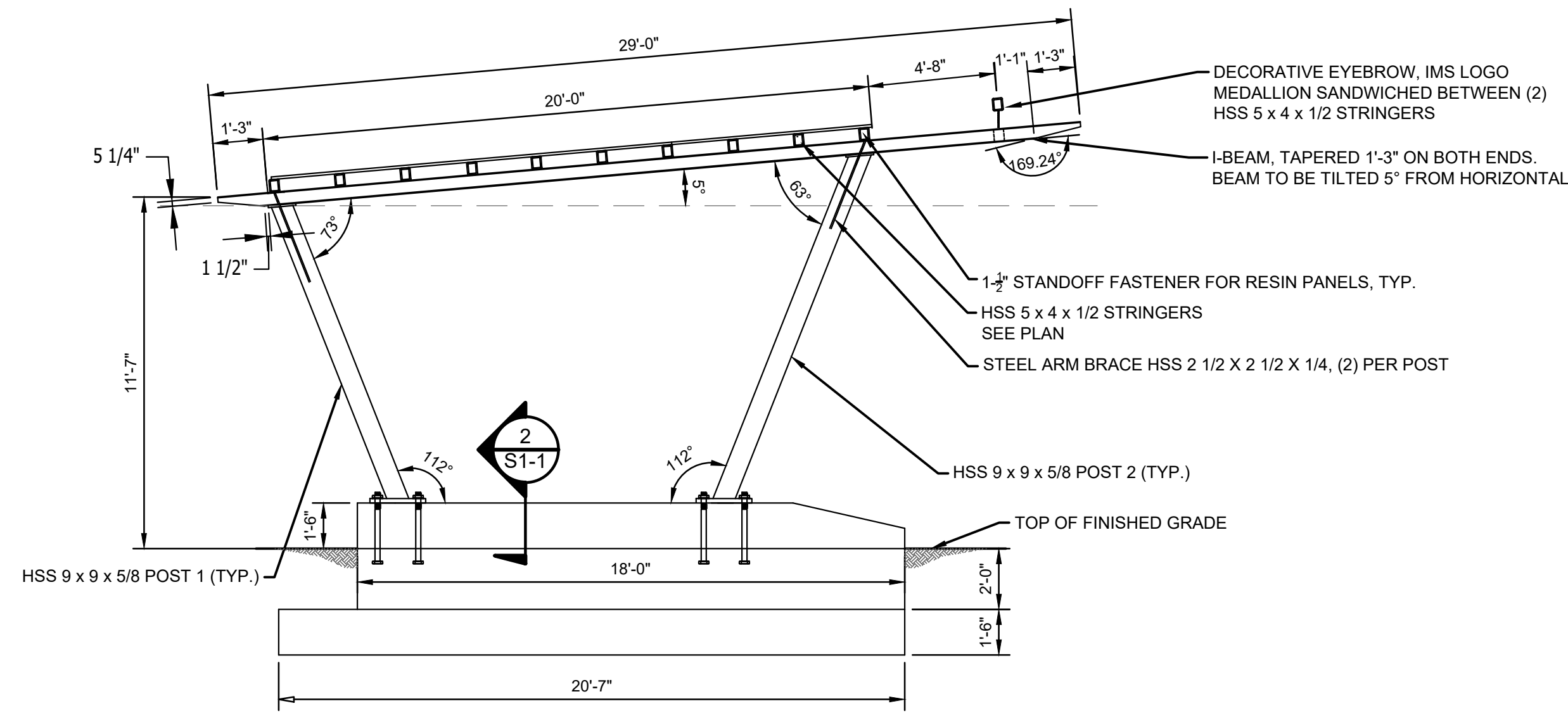
A5 DETAIL | PLUG PLANTING
 3/4" = 1'-0"
 P-21046-16



A6 DETAIL | CONTAINER PLANTING
 3/4" = 1'-0"
 P-21046-17

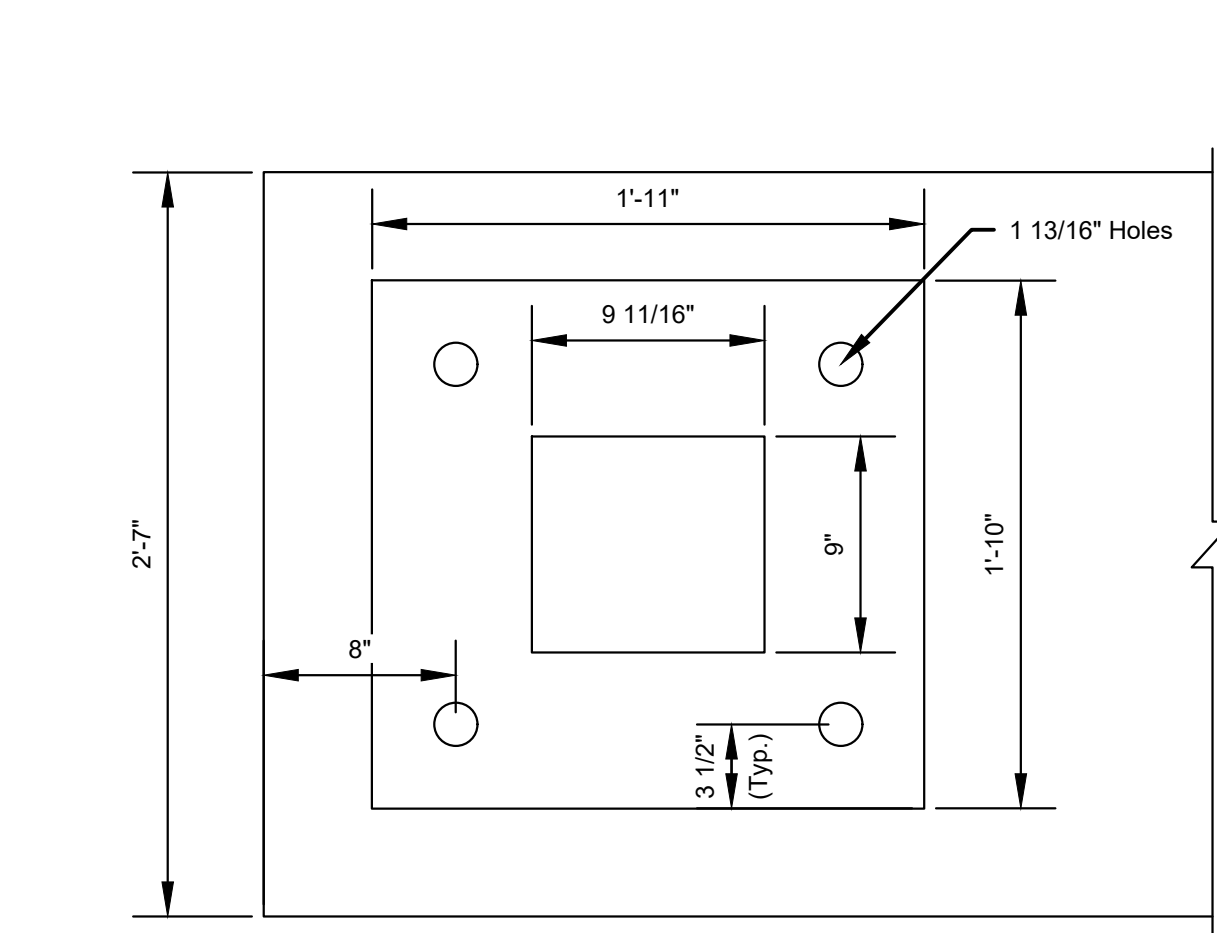
A1 DETAIL | TREE PLANTING (DECID. OR EVGRN.)
 1/2" = 1'-0"
 P-21046-15

Last Saved By: isamir.Primer2/2/23 1:16:42 PM
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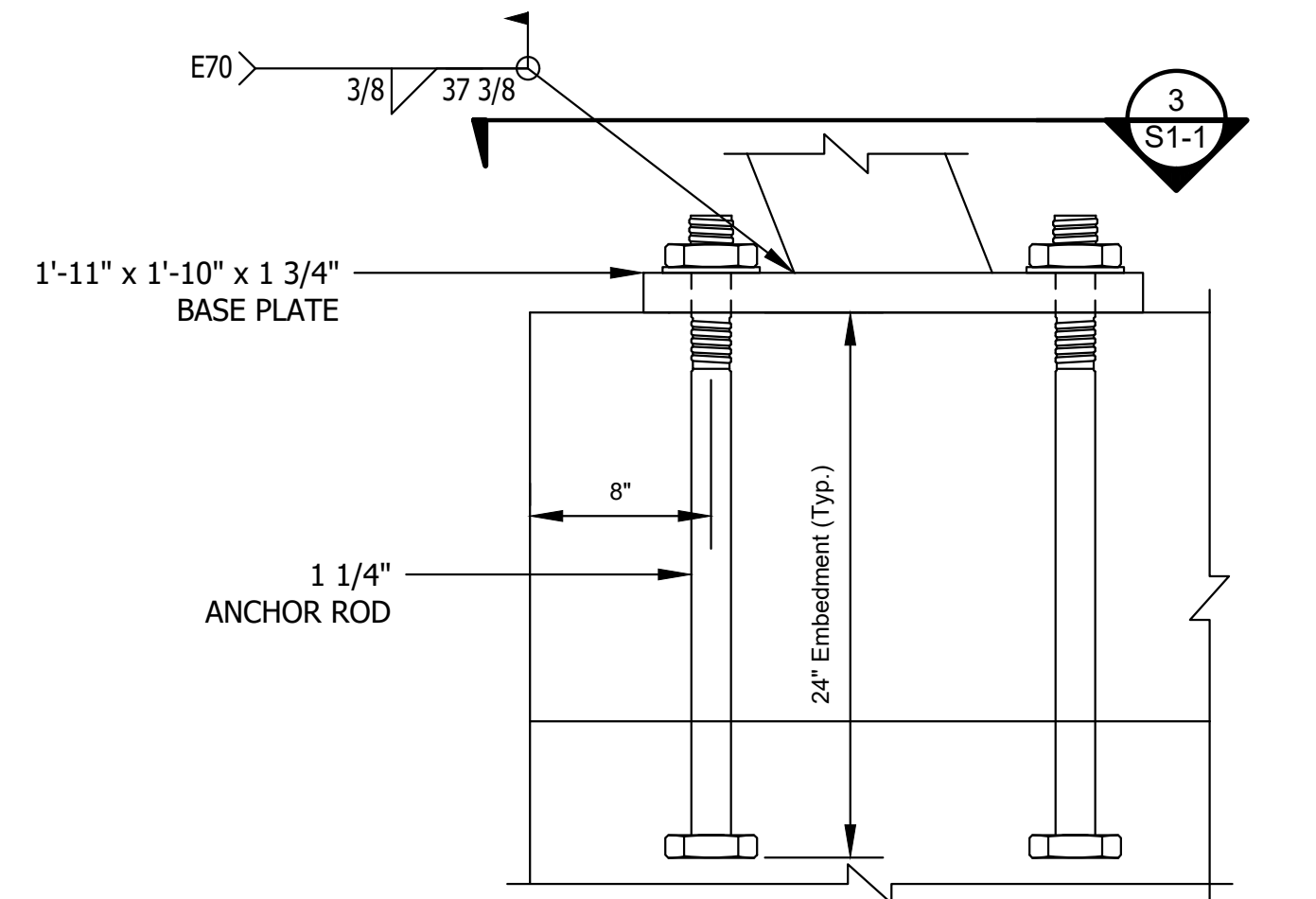
ELEVATION | SHELTER - SIDE

1/4" = 1'-0"



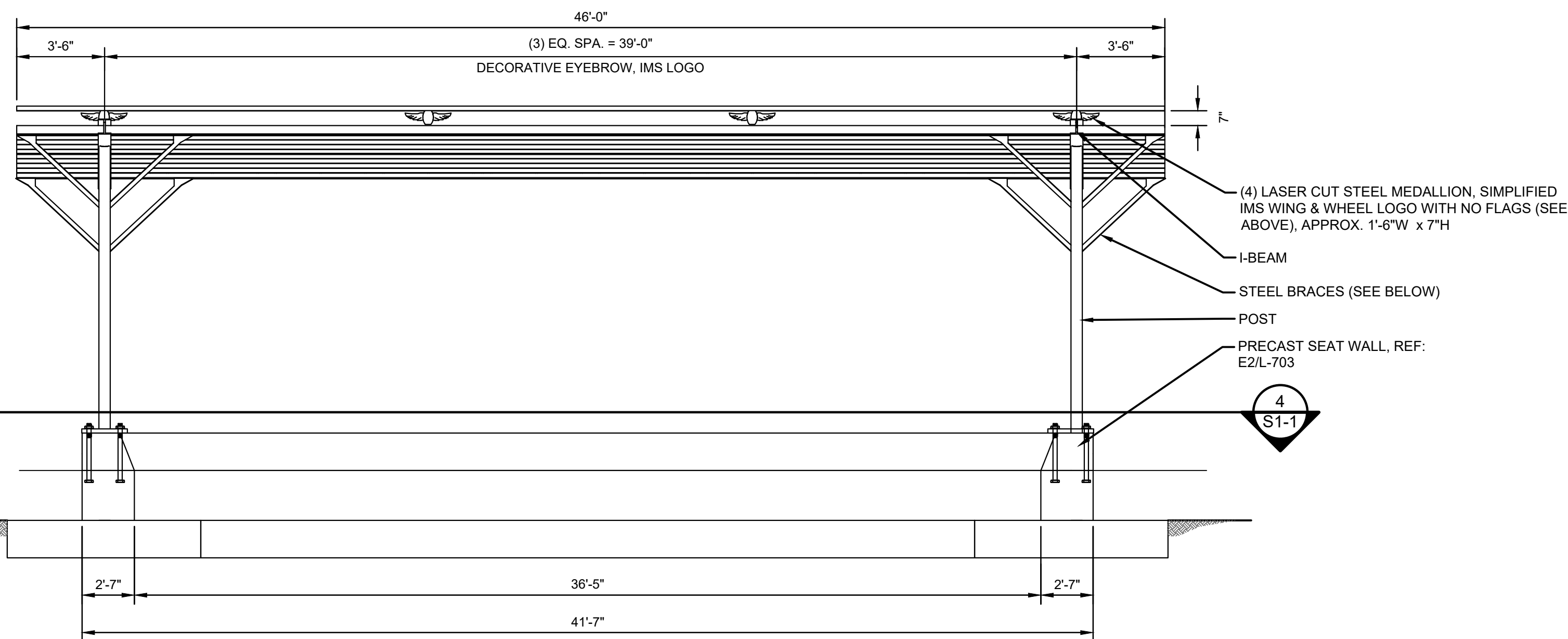
3 PLAN | BASE PLATE

1-1/2" = 1'-0"



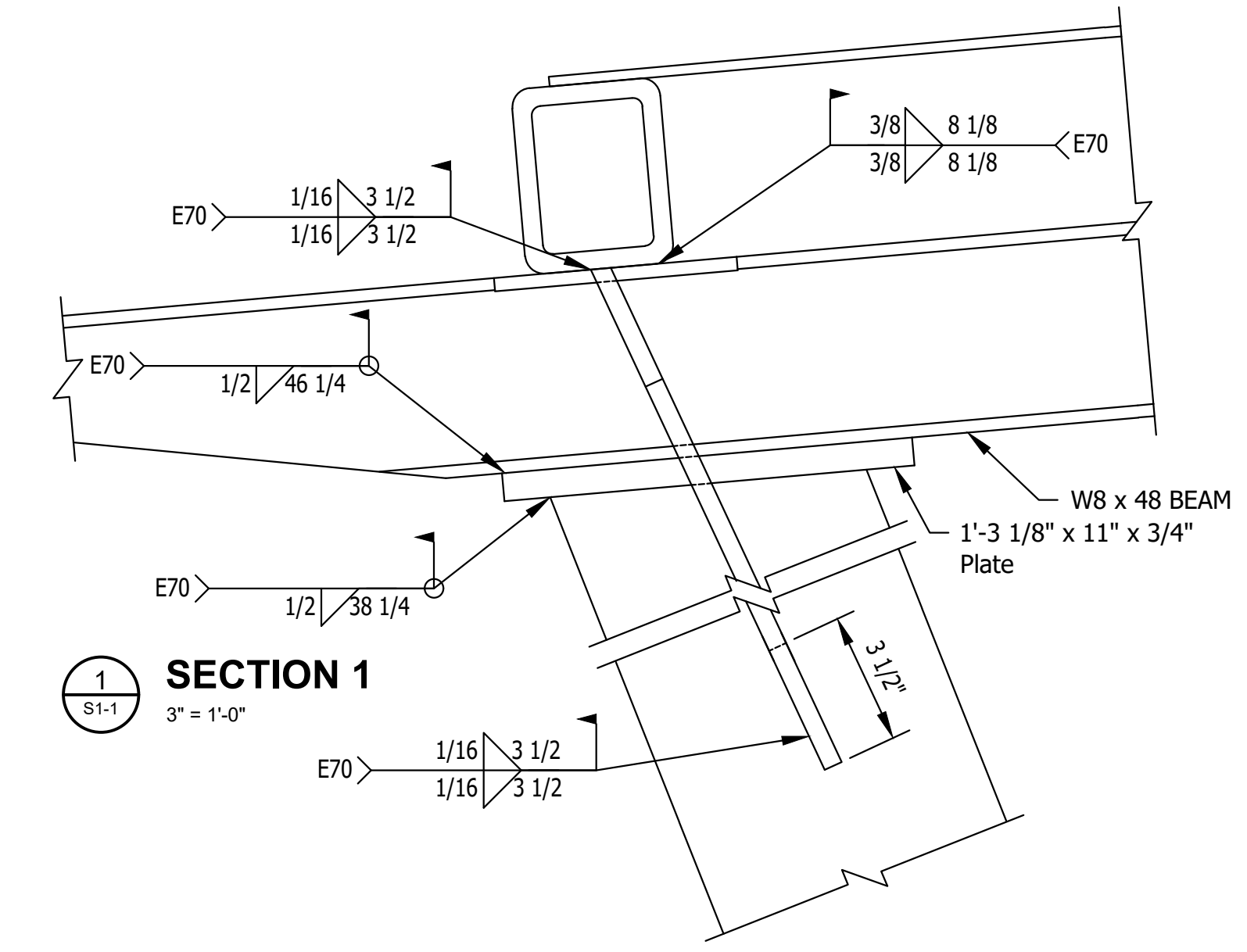
2 SECTION 2 (REBARS NOT SHOWN FOR CLARITY)

1-1/2" = 1'-0"



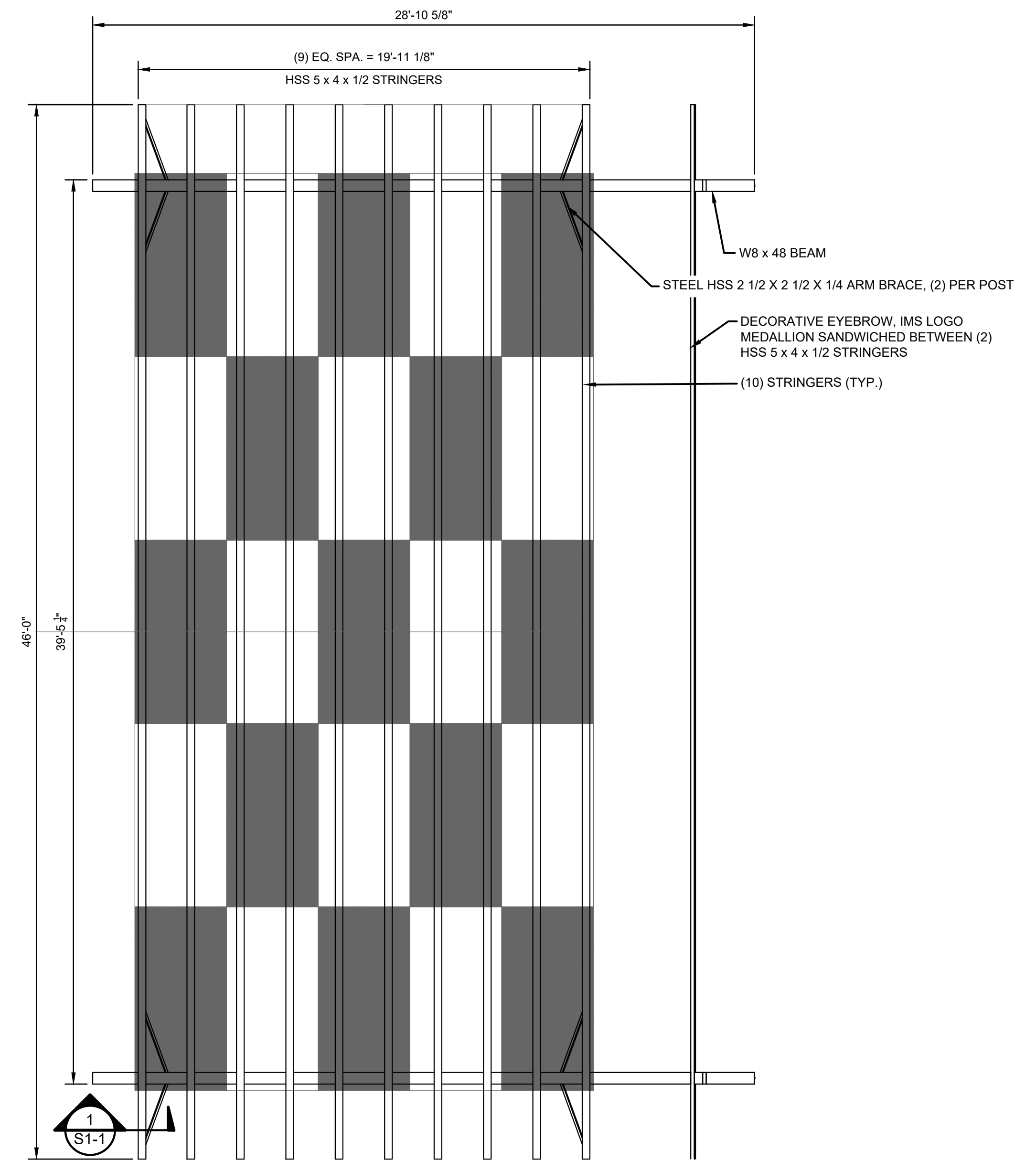
ELEVATION | SHELTER - FRONT

1/4" = 1'-0"



1 SECTION 1

3" = 1'-0"



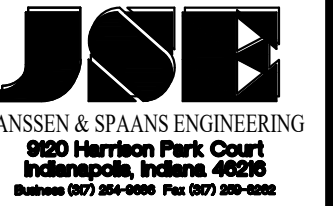
STRUCTURE W/OUT PANELS

NOTE: SEAT WALL BELOW SHELTER NOT SHOWN, SEE E2/L-703

PLAN | SHELTER

1/4" = 1'-0"

Certified by: Robert M. Gray



PUBLIC WORKS PROJECT NO. 84003001-22-058-C1
REST AREA
INDIANA



STATE OF INDIANA
DEPARTMENT OF ADMINISTRATION
PUBLIC WORKS DIVISION
ROOM 1467, INDIANA GOVERNMENT CENTER SOUTH
402 WEST WASHINGTON STREET
INDIANAPOLIS, INDIANA 46204
317-232-3000

Revisions:

Project Number: 37005000-21-019-C1

Requisition Number:

Account Number:

Designer: FEBRUARY 2023

Drafter: Drawing Scale:

DAPW Approval:

Client Approval:

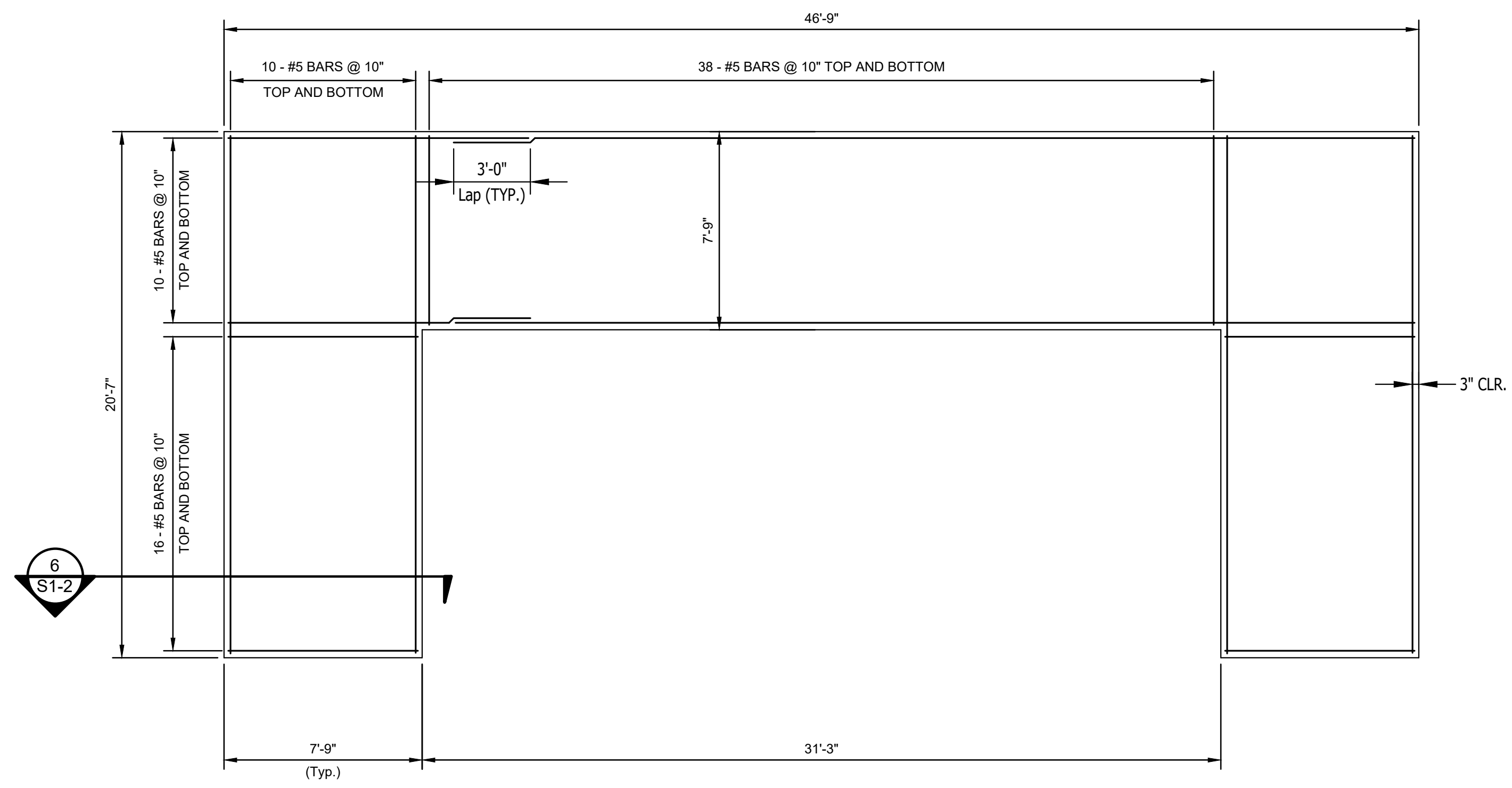
Reference Number: 1296S

Building Reference:

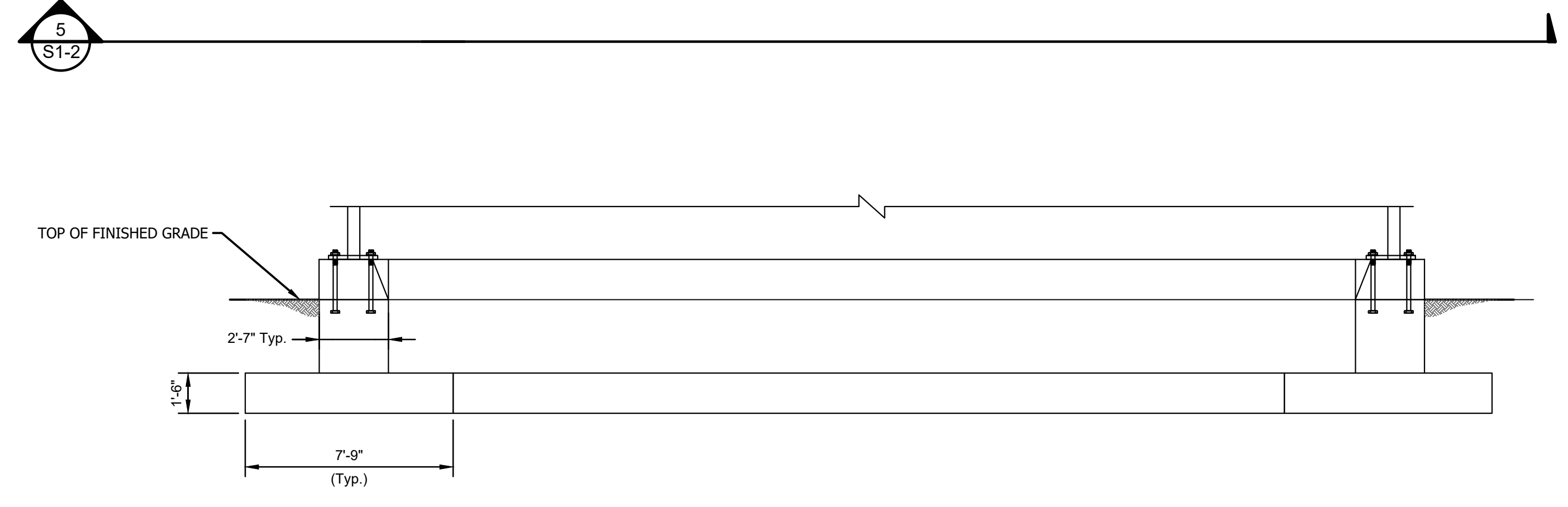
Drawing Number:

S1-1

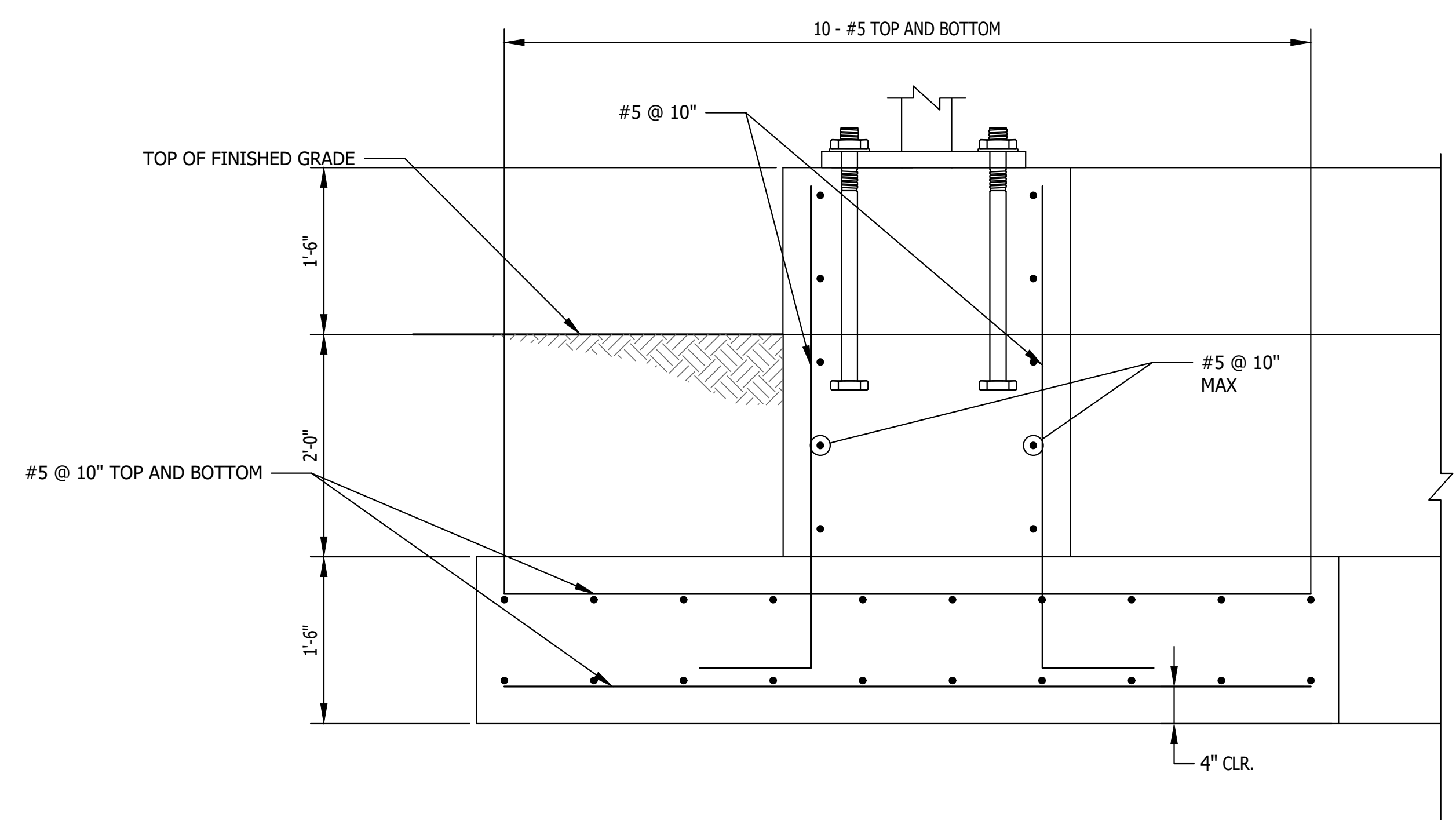
Sheet of



4 PLAN | FOOTING - TOP (WALLS NOT SHOWN FOR CLARITY)
1/4" = 1'-0"



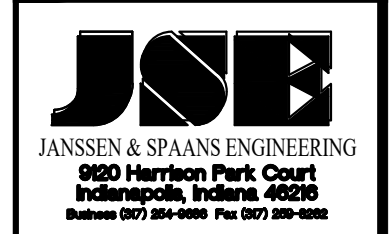
5 ELEVATION | FOOTING - FRONT
1/4" = 1'-0"



6 SECTION 6
1" = 1'-0"

P:\1564 - Clear Creek Welcome Center\DWGS\BUILDING DRAWINGS\1564\1564-01\1564-01-01.dwg 2/22/2023 2:28:18 pm

Certified by: Robert M. Gray



PUBLIC WORKS PROJECT NO. 8-4003001-22-058-C1
REST AREA
INDIANA



Revisions:	
Project Number:	37005000-21-019-C1
Requestion Number:	
Account Number:	
Designer:	Drawing Date: FEBRUARY 2023
Drafter:	Drawing Scale:
DAPW Approval:	
Client Approval:	
Reference Number:	1296S
Building Reference:	
Drawing Number:	S1-2
Sheet:	of