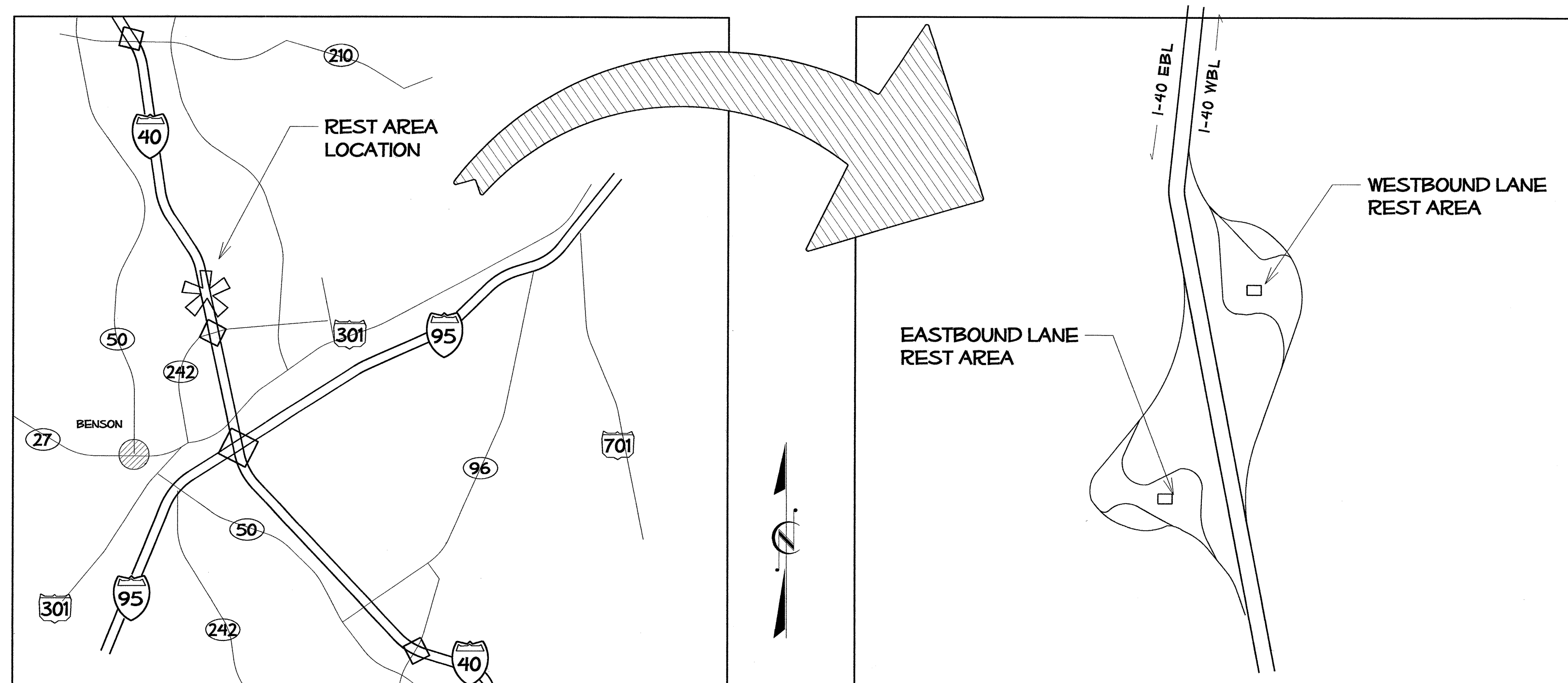


Contract #: C203016 - RA Johnston County / I-40 Rest Area Renovation

STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

JOHNSTON COUNTY

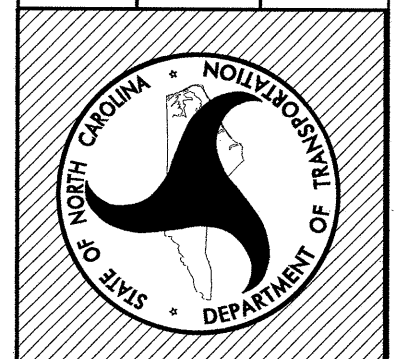
LOCATION: I-40 JOHNSTON COUNTY REST AREA PAIR, WEST OF EXIT 325- BENSON, NC
TYPE OF WORK: RENOVATION OF EXISTING BLDGS. AND SITE WORK



VICINITY MAPS

STATE	NC	T.L.P. #	K-5001	SHEET #	1 of 00
WBS #	41533.1.1	F.A. Project #		Description	P.E.
					RW
41533.3.1		IMS-040-5(49)325			CONST.

North Carolina Department of Transportation
Division of Highways
1 South Wilmington Street Raleigh, North Carolina



I-40
JOHNSTON COUNTY
REST AREA RENOVATIONS

REST AREA PROJECT DEVELOPMENT	SITE / LANDSCAPE DESIGN	ARCHITECTURAL / ENGINEERING	
REST AREA SECTION	LANDSCAPE DESIGN & DEVELOPMENT	ARCHITECT: NCDOT GENERAL SERVICES - FACILITIES DESIGN	Scale n/a
ROADSIDE ENVIRONMENTAL UNIT 1557 MAIL SERVICE CENTER RALEIGH, NORTH CAROLINA 27699-1557 OFFICE (919) 770-2920 FAX (919) 715-2554	ROADSIDE ENVIRONMENTAL UNIT 1557 MAIL SERVICE CENTER RALEIGH, NORTH CAROLINA 27699-1557 OFFICE (919) 770-2920 FAX (919) 715-2554	1 S. WILMINGTON STREET RALEIGH, NC 27601 919.715.0400	Date 8 / 14 / 12
		MECHANICAL/ELECTRICAL/PLUMBING.: BURKE DESIGN GROUP, PA 3305-109 DURHAM DRIVE RALEIGH, NC 27603 919.771.1916	Letting Date NOV 20, 2012
			2012 Standard Specifications
			Sheet Description TITLE SHEET
			Sheet # 1

INDEX OF DRAWINGS

STATE NC	T.I.P. # K-5001	SHEET # 2 of 00
WBS #	F.A. Project #	Description
		P.E.
		R/W
41533.3.1	IMS-040-5(49)325	CONST.

- 1 PROJECT TITLE SHEET & VICINITY MAPS
- 2 INDEX OF SHEETS AND STANDARD SPEC REFERENCES
- 3 SUMMARY OF QUANTITIES

SITE DEVELOPMENT PLANS

L-01 TITLE SHEET

- L-02 WBL EXISTING SITE PLAN
- L-03 WBL PROPOSED SITE PLAN
- L-04 WBL SITE DEMOLITION PLAN
- L-05 WBL GRADING & DRAINAGE PLAN
- L-06 WBL LAYOUT & DIMENSION PLAN
- L-07 WBL LANDSCAPE PLAN

- L-08 EBL EXISTING SITE PLAN
- L-09 EBL PROPOSED SITE PLAN
- L-10 EBL SITE DEMOLITION PLAN
- L-11 EBL GRADING & DRAINAGE PLAN
- L-12 EBL LAYOUT & DIMENSION PLAN
- L-13 EBL LANDSCAPE PLAN

WBL & EBL COMMON DETAIL SHEETS

- LD-01 RETAINING WALL DETAILS
- LD-02 PLANTING DETAILS
- LD-03 HARDSCAPE DETAILS
- LD-04 DRAINAGE DETAILS

BUILDING CONSTRUCTION PLANS

T1 DESIGN DATA & ABBREVIATION

- A1 DEMOLITION PLAN
- A2 FLOOR PLAN
- A3 CLERESTORY PLAN
- A4 EXTERIOR ELEVATIONS
- A5 BUILDING SECTIONS
- A6 WALL SECTIONS & DETAILS
- A7 ENLARGED TOILET PLAN & DETAILS
- A8 DOOR AND WINDOW SCHEDULE / DETAILS
- A9 INTERIOR ELEVATION/ COLOR SCHEDULE (KEY PLAN)
- A10 INTERIOR ELEVATIONS (MEN'S & WOMEN'S TOILET)
- A11 INTERIOR ELEVATIONS (MEN'S & WOMEN'S TOILET)

- S1 FOUNDATION PLAN & DETAILS
- S2 FRAMING PLAN & DETAILS
- S3 FOUNDATION & FRAMING DETAILS

- P1 PLUMBING SCHEDULES & DETAILS
- P2 PLUMBING SUPPLY & WASTE PLAN - EBL & WBL
- P3 PLUMBING WASTE RISER & DETAILS - EBL & WBL
- P4 PLUMBING SUPPLY RISER- EBL & WBL

- M1 MECHANICAL SCHEDULES & NOTES
- M2 MECHANICAL PLAN & DETAILS

- E1 ELECTRICAL NOTES, DETAILS & LEGEND
- E2 LIGHTING & POWER PLAN
- E3 ELECTRICAL PANEL SCHEDULES

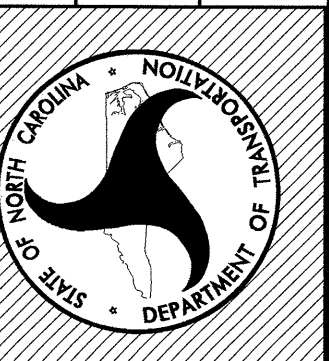
- U1 SITE UTILITY PLAN - EBL
- U2 SITE UTILITY PLAN - WBL
- U3 SITE UTILITY DETAILS

2012 ROADWAY STANDARD DRAWINGS

THE FOLLOWING ROADWAY STANDARDS APPEAR IN "ROADWAY STANDARD DRAWINGS" - HIGHWAY DESIGN BRANCH - NC DEPARTMENT OF TRANSPORTATION - RALEIGH, NC DATED JANUARY, 2012 ARE APPLICABLE TO THIS PROJECT AND BY REFERENCE ARE HEREBY CONSIDERED PART OF THESE PLANS:

STND #	TITLE
840.14	CONCRETE DROP INLET
840.16	DROP INLET FRAMES AND GRATES
840.45	PRECAST DRAINAGE STRUCTURE
848.01	CONCRETE SIDEWALK
848.05	CURB RAMP

North Carolina Department of Transportation
Division of Highways
1 South Wilmington Street Raleigh, North Carolina



I-40
JOHNSTON COUNTY
REST AREA RENOVATIONS

REST AREA PROJECT DEVELOPMENT	SITE / LANDSCAPE DESIGN	ARCHITECTURAL / ENGINEERING	Plans Drawn By: KOPETSKY
REST AREA SECTION	LANDSCAPE DESIGN & DEVELOPMENT	ARCHITECT: NCDOT GENERAL SERVICES - FACILITIES DESIGN	Scale n/a
ROADSIDE ENVIRONMENTAL UNIT 1557 MAIL SERVICE CENTER RALEIGH, NORTH CAROLINA 27699-1557 OFFICE (919) 770-2920 FAX (919) 715-2554	ROADSIDE ENVIRONMENTAL UNIT 1557 MAIL SERVICE CENTER RALEIGH, NORTH CAROLINA 27699-1557 OFFICE (919) 770-2920 FAX (919) 715-2554	1 S. WILMINGTON STREET RALEIGH, NC 27601 919.715.0400	Date 8 / 14 / 12
		MECHANICAL/ELECTRICAL/PLUMBING.: BURKE DESIGN GROUP, PA 3305-109 DURHAM DRIVE RALEIGH, NC 27603 919.771.1916	Letting Date NOV 20, 2012
			Sheet Description INDEX OF DRAWINGS
			Sheet # 2

Contract #: C203016 - RA Johnston County / I-40 Rest Area Renovation

SUMMARY OF QUANTITIES

STATE NC	T.I.P. # K-5001	SHEET # 3 of 00
WBS #	F.A. Project #	Description
		P.E.
		RW
41533.3.1	IMS-040-5(49)325	CONST.

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS
ROADWAY SUMMARY OF QUANTITIES FOR CONTRACT - C203016

ItemNumber	Sec #	Quantity	Unit	Description
000100000-N	800	Lump Sum		MOBILIZATION
259100000-E	848	690	SY	4" CONCRETE SIDEWALK
260500000-N	848	4	EA	CONCRETE CURB RAMP
600000000-E	1605	200	LF	TEMPORARY SILT FENCE
601200000-E	1610	20	TON	SEDIMENT CONTROL STONE
601500000-E	1615	1	ACR	TEMPORARY MULCHING
603600000-E	1631	2,500	SY	MATTING FOR EROSION CONTROL
604200000-E	1632	100	LF	1/4" HARDWARE CLOTH
608400000-E	1660	1	ACR	SEEDING & MULCHING
665000000-E	1670	250	CY	MULCH FOR PLANTING
666500000-E	1670	4,360	SY	POSTEMERGENT HERBICIDAL TREATMENT FOR PLANT BEDS
667000000-E	1670	4,360	SY	PREEMERGENT HERBICIDAL TREATMENT FOR PLANT BEDS
667400000-N	SP	Lump Sum		GENERIC PLANTING ITEM (LS) LANDSCAPE & SITE GRADING - EBL/WBL
667500000-E	SP	18	SY	GENERIC PLANTING ITEM 9" CONCRETE BORDER
669000000-E	SP	1,300	LF	GENERIC PLANTING ITEM TREE PROTECTION FENCE
690000000-E	SP	370	CY	TOPSOIL
697000000-N	SP	13	EA	GENERIC REST AREA ITEM PICNIC SHELTER REROOFING - EBL/WBL
697000000-N	SP	4	EA	GENERIC REST AREA ITEM PICNIC TABLE, REMOVAL & STOCKPILE
697500000-N	SP	Lump Sum		GENERIC REST AREA ITEM ELECTRICAL INSTALLATION REST AREA SERVICE BUILDINGS EBL/WBL
697500000-N	SP	Lump Sum		GENERIC REST AREA ITEM GENERAL CONSTRUCTION REST AREA SERVICE BUILDINGS EBL/WBL
697500000-N	SP	Lump Sum		GENERIC REST AREA ITEM GENERAL CONSTRUCTION VENDING BLDG RENOVATIONS EBL/WBL
697500000-N	SP	Lump Sum		GENERIC REST AREA ITEM HVAC INSTALLATION REST AREA SERVICE BUILDINGS EBL/WBL

ItemNumber	Sec #	Quantity	Unit	Description
697500000-N	SP	Lump Sum		GENERIC REST AREA ITEM PLUMBING INSTALLATION REST AREA SERVICE BUILDINGS EBL/WBL
697500000-N	SP	Lump Sum		GENERIC REST AREA ITEM REST AREA SOLAR HOT WATER SYSTEM EBL/WBL
697500000-N	SP	Lump Sum		GENERIC REST AREA ITEM SITE DEMOLITION - EBL/WBL
697500000-N	SP	Lump Sum		GENERIC REST AREA ITEM SITE STORMWATER DRAINAGE - EBL/WBL
698000000-E	SP	200	LF	GENERIC REST AREA ITEM 3" PVC SLEEVE
698000000-E	SP	60	LF	GENERIC REST AREA ITEM REPLACEMENT AS NEEDED OF VENDING BLDG WALL & SILL PLATE FRAMING
698200000-E	SP	2,000	SF	GENERIC REST AREA ITEM DECORATIVE CONCRETE PAVERS
698200000-E	SP	200	SF	GENERIC REST AREA ITEM SEGMENTED RETAINING WALL

North Carolina Department of Transportation
Division of Highways
1 South Wilmington Street Raleigh, North Carolina



I-40 JOHNSTON COUNTY REST AREA RENOVATIONS

REST AREA PROJECT DEVELOPMENT	SITE / LANDSCAPE DESIGN	ARCHITECTURAL / ENGINEERING
REST AREA SECTION	LANDSCAPE DESIGN & DEVELOPMENT	ARCHITECT: NCDOT GENERAL SERVICES - FACILITIES DESIGN
ROADSIDE ENVIRONMENTAL UNIT 1557 MAIL SERVICE CENTER RALEIGH, NORTH CAROLINA 27699-1557 OFFICE (919) 770-2920 FAX (919) 715-2554	ROADSIDE ENVIRONMENTAL UNIT 1557 MAIL SERVICE CENTER RALEIGH, NORTH CAROLINA 27699-1557 OFFICE (919) 770-2920 FAX (919) 715-2554	1 S. WILMINGTON STREET RALEIGH, NC 27601 919.715.0400
		MECHANICAL/ELECTRICAL/PLUMBING.: BURKE DESIGN GROUP, PA
		3305-109 DURHAM DRIVE RALEIGH, NC 27603 919.771.1916
		2012 Standard Specifications
		Sheet Description SUMMARY OF QUANTITIES
		Sheet # 3

Plans Drawn By: KOPETSKY
Scale N/A
Date 8 / 14 / 12
Letting Date NOV 20, 2012
Sheet Description SUMMARY OF QUANTITIES
Sheet # 3

Contract #: C203016 - RA Johnston County / I-40 Rest Area Renovation

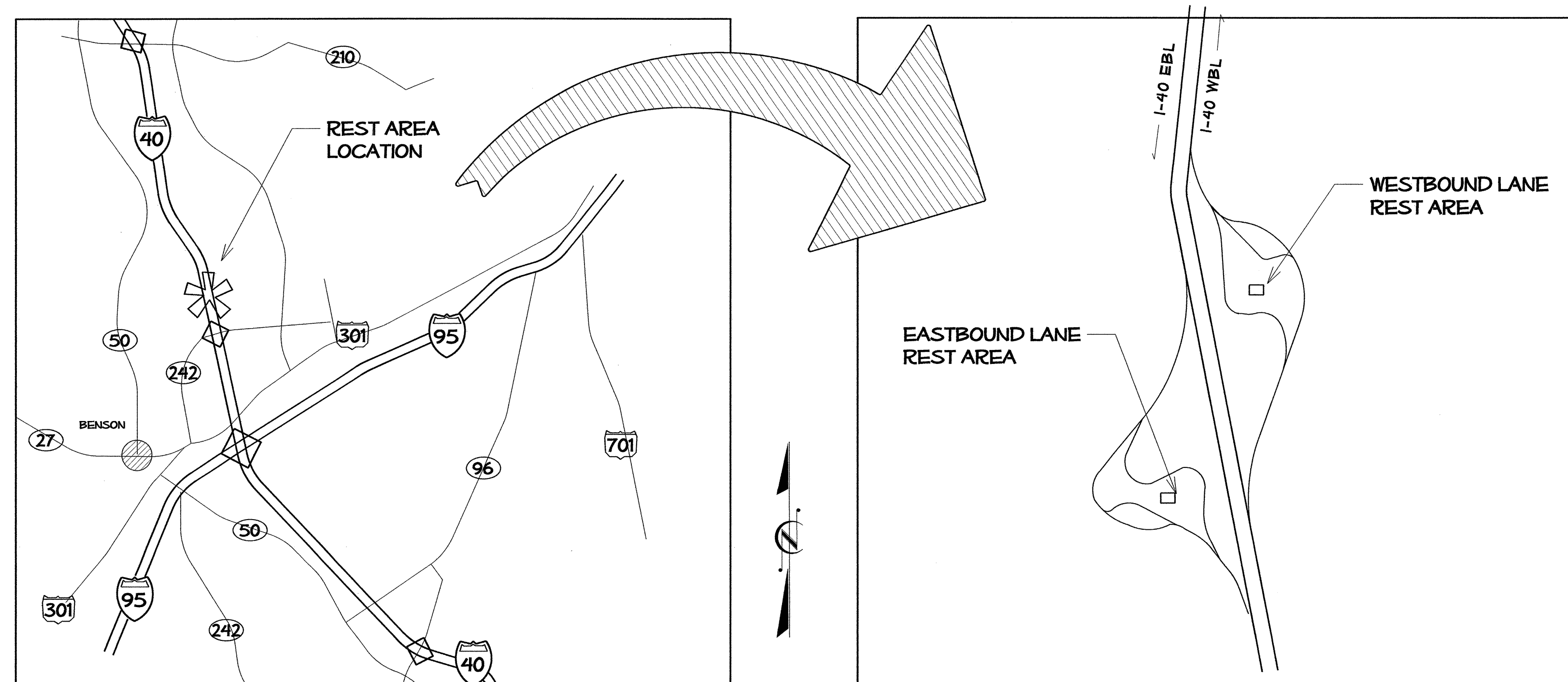
STATE NC	T.I.P. # K-5001	SHEET # 1 of 00
WBS # 41533.1.1	F.A. Project #	Description
		P.E.
		R/W
41533.3.1	IMS-040-5(49)325	CONST.

STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

JOHNSTON COUNTY

LOCATION: I-40 JOHNSTON COUNTY REST AREA PAIR, WEST OF EXIT 325- BENSON, NC

TYPE OF WORK: RENOVATION OF EXISTING BLDGS. AND SITE WORK



VICINITY MAPS

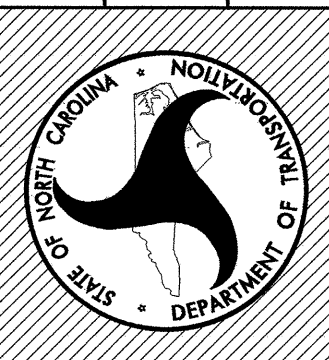
ALL CONTRACTOR SITE DEVELOPMENT WORK SHALL BE COMPLETED BY SEPTEMBER 1, 2013.

ACCESS FOR SEPARATE SITE DEVELOPMENT CONTRACTOR(S) (AND NCDOT PERSONNEL) WILL BE GRANTED BY THE PRIMARY CONTRACTOR (AS DIRECTED BY THE CONTRACT AND THE NCDOT ENGINEER).

North Carolina Department of Transportation

Division of Highways

1 South Wilmington Street Raleigh, North Carolina



I-40
JOHNSTON COUNTY
REST AREA RENOVATIONS

SITE / LANDSCAPE DESIGN

REST AREA PROJECT DEVELOPMENT

ARCHITECTURAL / ENGINEERING

LANDSCAPE DESIGN & DEVELOPMENT

REST AREA SECTION

ARCHITECT: NCDOT GENERAL SERVICES - FACILITIES DESIGN

ROADSIDE ENVIRONMENTAL UNIT
1557 MAIL SERVICE CENTER
RALEIGH, NORTH CAROLINA 27699-1557
OFFICE (919) 770-2920 FAX (919) 715-2554

ROADSIDE ENVIRONMENTAL UNIT
1557 MAIL SERVICE CENTER
RALEIGH, NORTH CAROLINA 27699-1557
OFFICE (919) 770-2920 FAX (919) 715-2554

1 S. WILMINGTON STREET
RALEIGH, NC 27601 919.715.0400

MECHANICAL/ELECTRICAL/PLUMBING: BURKE DESIGN GROUP, PA
3305-109 DURHAM DRIVE
RALEIGH, NC 27603 919.771.1916

Plans Drawn By:

KOPETSKY

Scale

n/a

Date

8 / 14 / 12

Letting Date

NOV 20, 2012

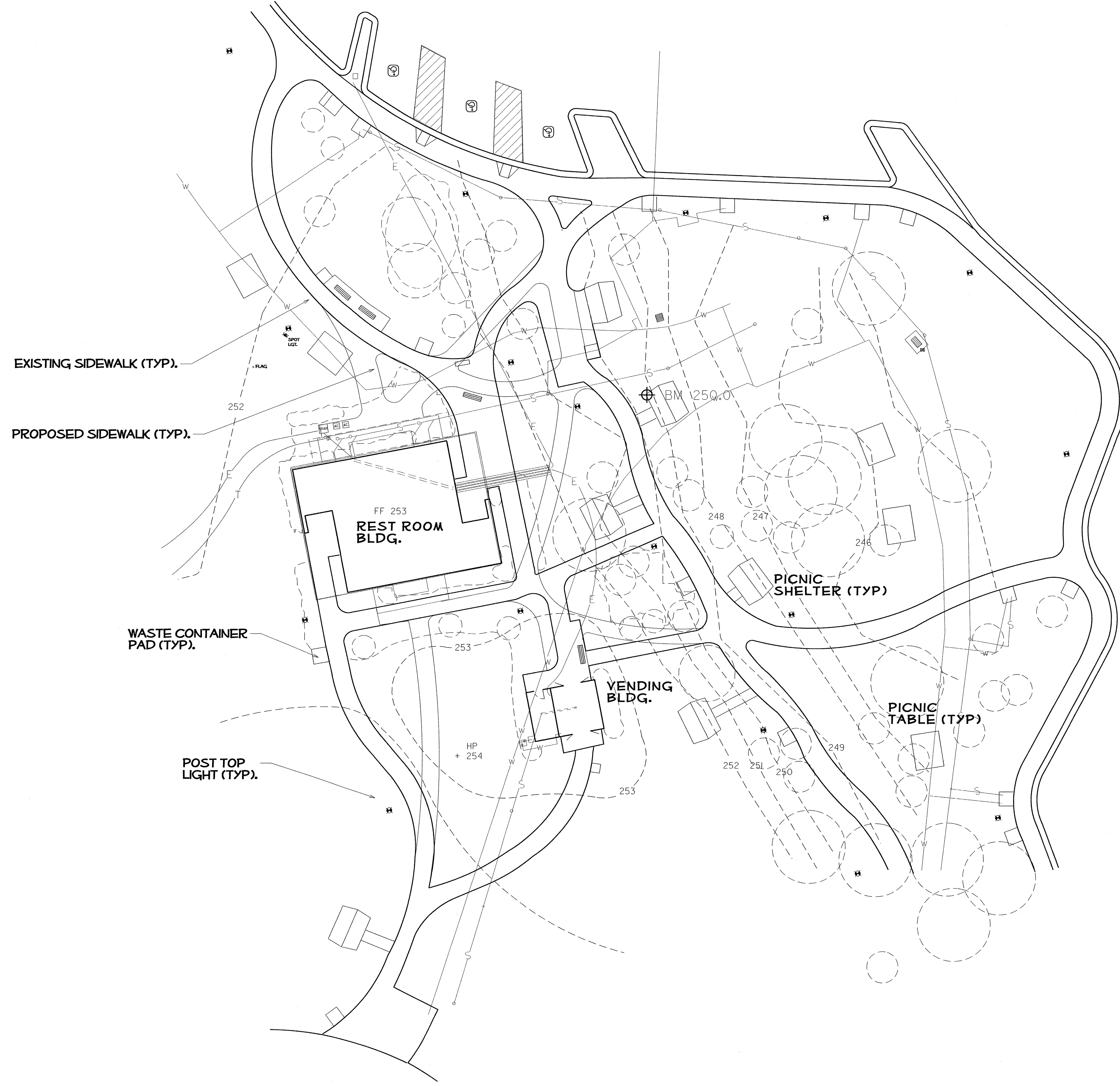
2012 Standard Specifications

Sheet Description

TITLE SHEET

Sheet #

L-01



PARKING SUMMARY

CAR- 53
(INCLUDES 3 H/C ACCESSIBLE = 1 VAN & 2 CAR)

LONG VEHICLE (CARS W/TRAILERS & REC. VEH.) - 7

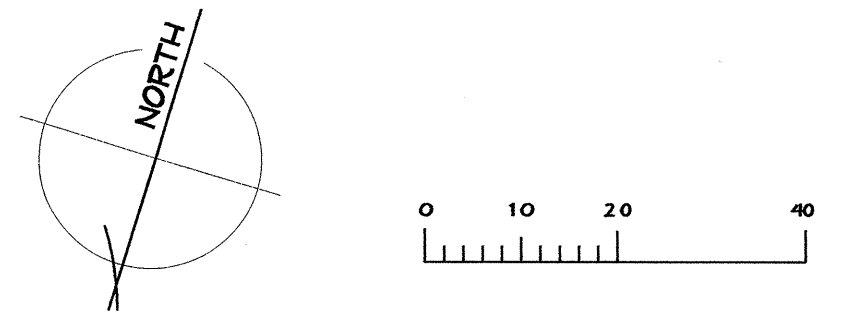
TRACTOR TRAILER - 15

NOTES

EXISTING SIDEWALKS IN BOLD LINE WGT; PROPOSED SIDEWALKS SHOWN IN LIGHTER LINE WEIGHT.

- - - 253 - DASHED CONTOUR LINES REPRESENT EXISTING GRADES (PRE CONST)
- EXISTING TREES OR SHRUBS.
- EXISTING UTILITIES:**

 - W - WATER
 - S - SEWER
 - E - ELECTRICAL
 - T - TELEPHONE



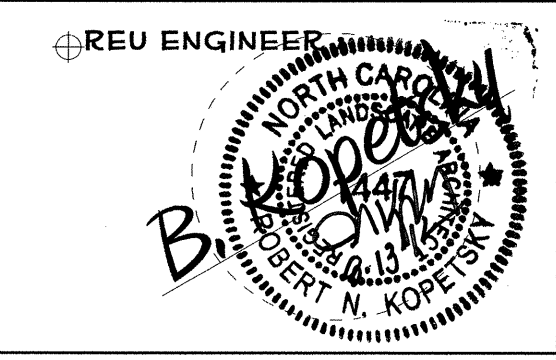
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NCDOT - ROADSIDE ENVIRONMENTAL UNIT
LANDSCAPE DESIGN & DEVELOPMENT
1557 MAIL SERVICE CENTER RALEIGH NC 27699-1557
PH: 919-733-2920 FAX: 919-733-9810
HTTP://WWW.NCDOT.ORG/DOH/OPERATIONS/DP_CHIEF_ENG/ROADSIDE/

**I- 40 JOHNSTON Co
REST AREA RENOVATION**

PROJECT #: 41533.3.1



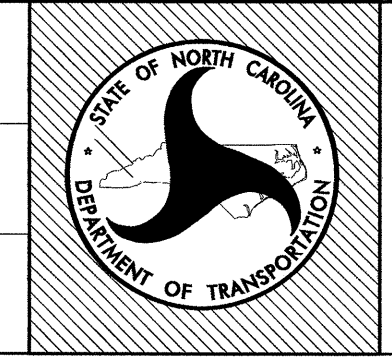
SHEET DESCRIPTION:

PREL. DESIGN DATE: MAY/ 2012

CHECKED BY & DATE: DW

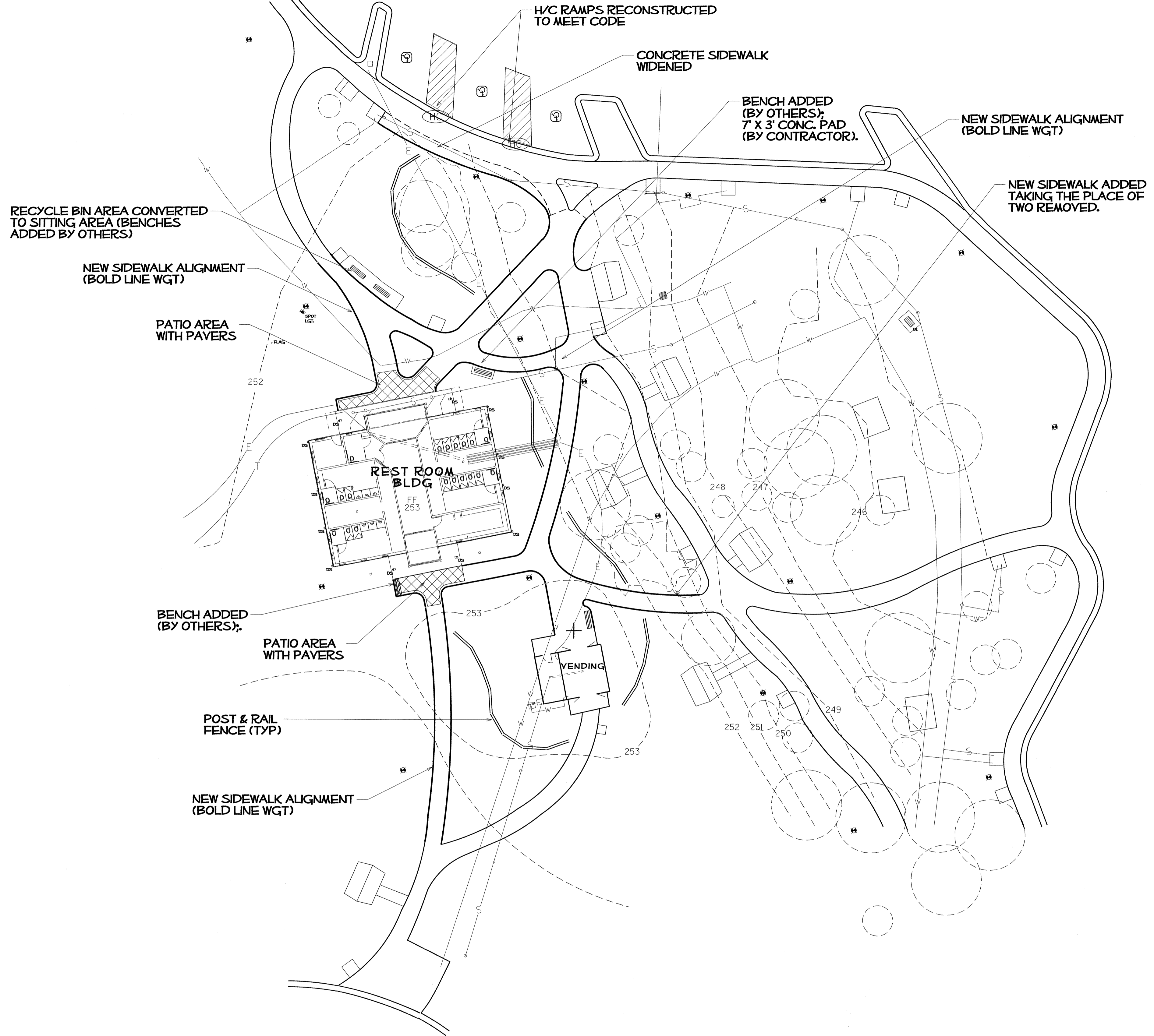
FINAL DESIGN DATE: 8-14-12

**I-40 WBL RENOVATION
EXISTING SITE PLAN**



SHEET NO: **L-02**

TOTAL SHEET NO: _____



PARKING SUMMARY

CAR- 53
 (INCLUDES 3 H/C ACCESSIBLE
 = 1 VAN & 2 CAR)
 LONG VEHICLE (CARS W/TRAILERS
 & REC. VEH.) - 7
 TRACTOR TRAILER - 15

NOTES

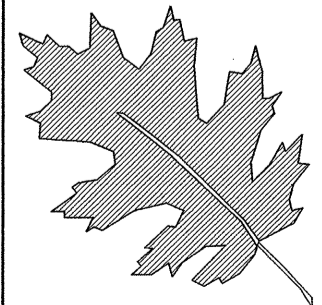
CONTOUR LINES REPRESENT EXISTING GRADES (PRE CONST)

SIDEWALKS TO MATCH EXISTING WHERE NOTED

SIDEWALK CROSS-SLOPES NOT TO EXCEED 2%

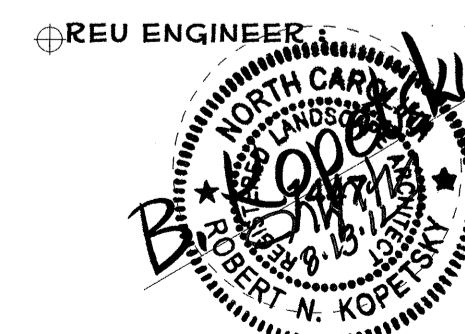
- (HC) CONSTRUCT NEW HANDICAP 'CURB RAMP' PER SPECIFICATIONS
- LOCATION FOR POST & RAIL FENCE (BY OTHERS)
- * EXISTING POST-TOP LIGHT

SYSTEMS
 USER
 DATE



NCDOT - ROADSIDE ENVIRONMENTAL UNIT
LANDSCAPE DESIGN & DEVELOPMENT
 1557 MAIL SERVICE CENTER RALEIGH NC 27699-1557
 PH: 919-733-2920 FAX: 919-733-9810
[HTTP://WWW.NCDOT.ORG/DOH/OPERATIONS/DP_CHIEF_ENG/ROADSIDE/](http://www.ncdot.org/DOH/OPERATIONS/DP_CHIEF_ENG/ROADSIDE/)

**I- 40 JOHNSTON Co
 REST AREA RENOVATION**
 PROJECT #: **41533.3.1**



SHEET DESCRIPTION:	PREL DESIGN DATE: MAY/ 2012
	CHECKED BY & DATE: DW
	FINAL DESIGN DATE: 8-14-12

**I-40 WBL RENOVATION
 PROPOSED SITE PLAN**



SHEET NO: **L-03**
 TOTAL SHEET NO:

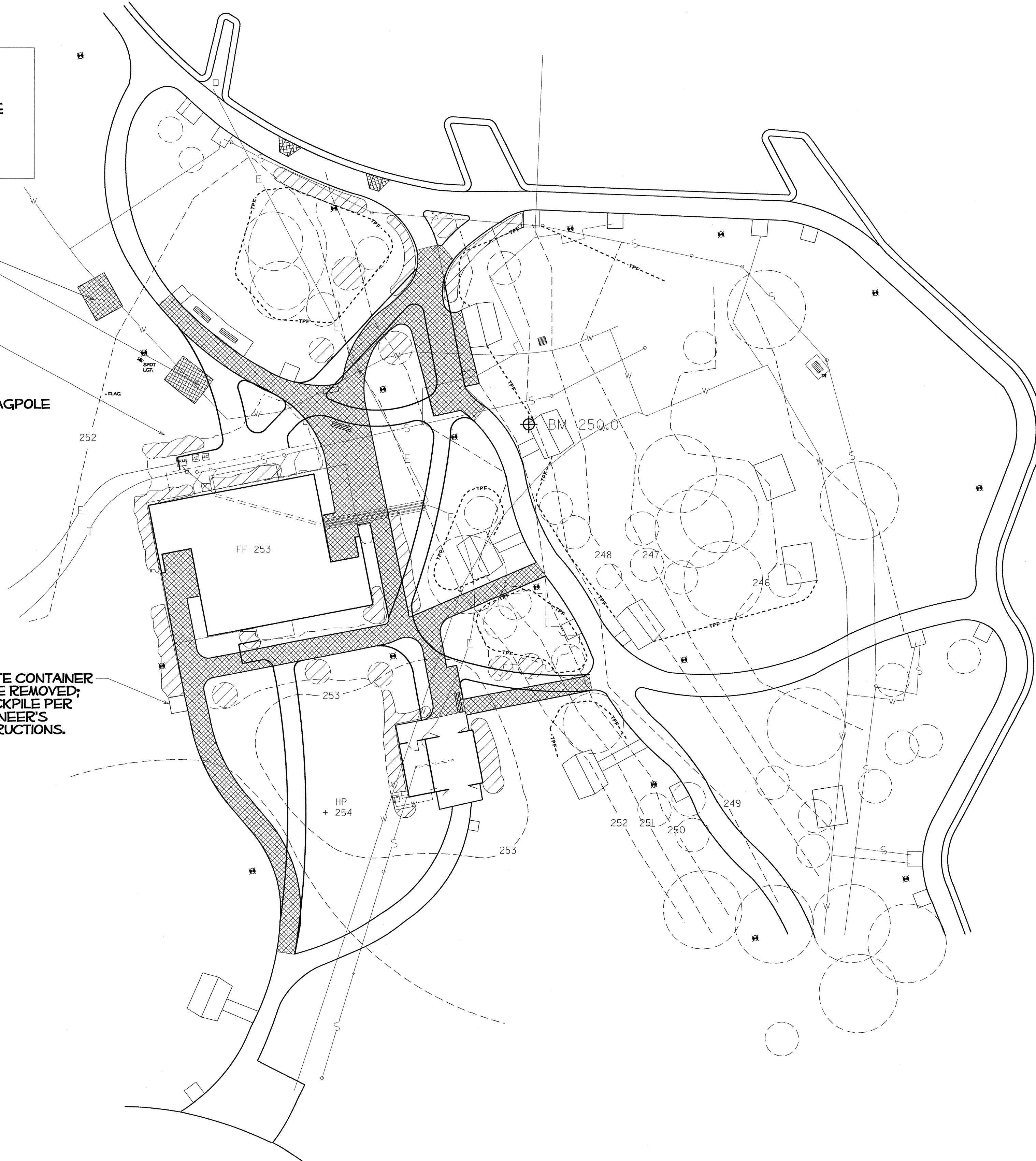
ALL PRECAUTIONS AND CARE SHALL BE TAKEN IN ORDER TO PRESERVE THOSE EXISTING SITE FEATURES, VEGETATION AND LAWN AREAS OUTSIDE THE CONSTRUCTION LIMITS. PLACEMENT OF EQUIPMENT OR DEBRIS WITHIN TREE ROOT ZONES IS PROHIBITED.

PICNIC TABLE(S) TO BE REMOVED; STOCKPILE PER ENGINEER'S INSTRUCTIONS.

TAKE ALL PRECAUTIONS NECESSARY DURING THE VEGETATION REMOVAL AND DEMOLITION STAGE NOT TO DAMAGE OR DISRUPT EXISTING UTILITIES OR LIGHTING FIXTURES.

DO NOT DISTURB FLAGPOLE OR SPOT LIGHT

WASTE CONTAINER TO BE REMOVED; STOCKPILE PER ENGINEER'S INSTRUCTIONS.



NOTES

NEW SIDEWALKS IN BOLD LINE WGT

NEW SIDEWALKS AND/OR PAYEMENT TO MATCH EXISTING WHERE NOTED

SIDEWALK CROSS-SLOPES NOT TO EXCEED 2%

ALL FOUNDATION PLANTINGS ARE TO BE REMOVED

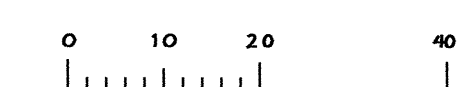
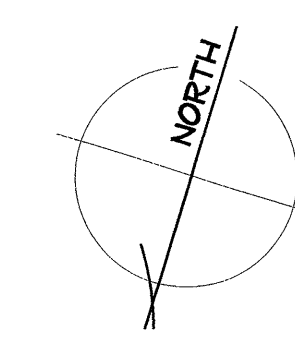
 TREES OR SHRUBS TO REMOVE

 PAYEMENT OR SIDEWALKS TO REMOVE

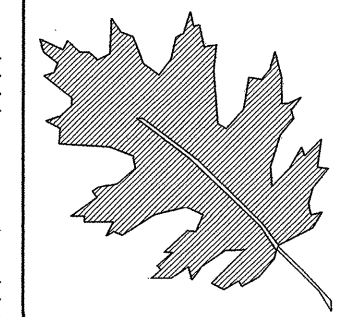
 TREE PROTECTION FENCE; ERECT BEFORE BEGINNING CONSTRUCTION.

DO NOT DISTURB ROOT ZONES OF EXISTING PLANTS/TREES (NOT DESIGNATED FOR REMOVAL)

DO NOT DISTURB UNDERGROWN UTILITIES OR POST TOP LIGHTS.

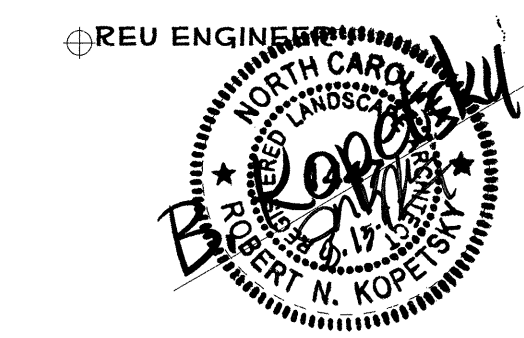


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\$\$\$\$\$DGN\$\$\$\$\$
\$\$\$\$\$USERNAME\$\$\$\$\$



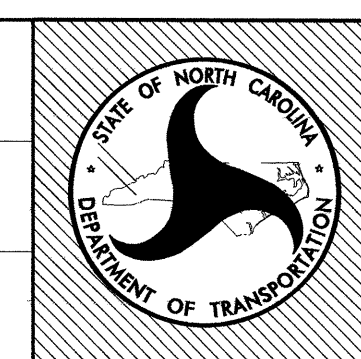
NCDOT - ROADSIDE ENVIRONMENTAL UNIT
LANDSCAPE DESIGN & DEVELOPMENT
1557 MAIL SERVICE CENTER RALEIGH NC 27699-1557
PH: 919-733-2920 FAX: 919-733-9810
HTTP://WWW.NCDOT.ORG/DOH/OPERATIONS/DP.CHIEF.ENG/ROADSIDE/

I- 40 JOHNSTON Co
REST AREA RENOVATION
PROJECT #: 41533.3.1

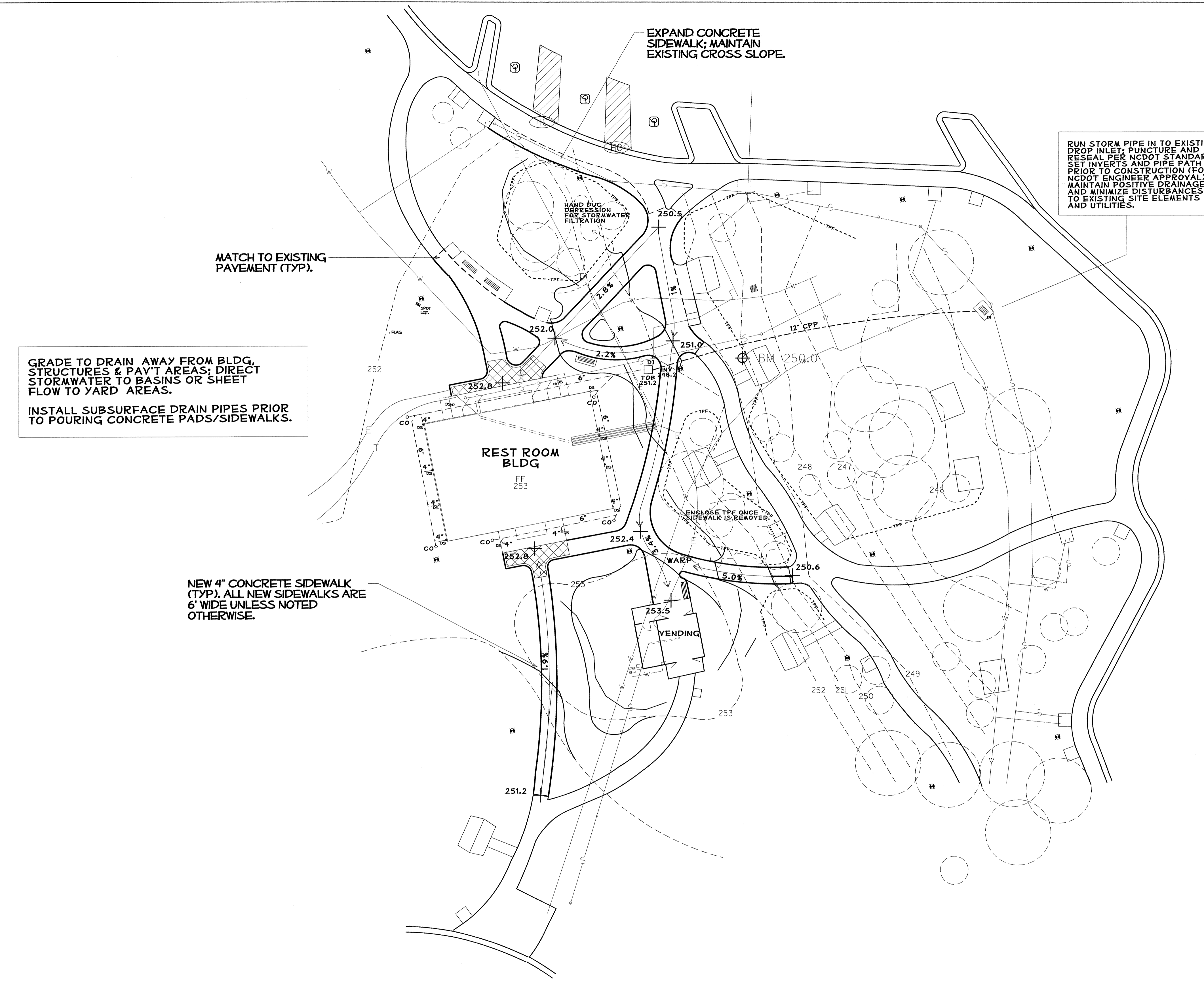


SHEET DESCRIPTION:	PREL DESIGN DATE: MAY/ 2012
	CHECKED BY & DATE: DW
	FINAL DESIGN DATE: 8-14-12

I-40 WBL RENOVATION
SITE DEMOLITION PLAN



SHEET NO:	L-04
TOTAL SHEET NO:	



GRADE TO DRAIN AWAY FROM BLDG, STRUCTURES & PAV'T AREAS; DIRECT STORMWATER TO BASINS OR SHEET FLOW TO YARD AREAS.
INSTALL SUBSURFACE DRAIN PIPES PRIOR TO POURING CONCRETE PADS/SIDEWALKS.

NEW 4" CONCRETE SIDEWALK (TYP), ALL NEW SIDEWALKS ARE 6' WIDE UNLESS NOTED OTHERWISE.

RUN STORM PIPE IN TO EXISTING DROP INLET; PUNCTURE AND RESEAL PER NCDOT STANDARDS. SET INVERTS AND PIPE PATH PRIOR TO CONSTRUCTION (FOR NCDOT ENGINEER APPROVAL). MAINTAIN POSITIVE DRAINAGE AND MINIMIZE DISTURBANCES TO EXISTING SITE ELEMENTS AND UTILITIES.

NOTES

NEW SIDEWALKS IN BOLD LINE WGT

NEW SIDEWALKS AND/OR PAVEMENT TO MATCH EXISTING WHERE NOTED

2% CROSS-SLOPES ON ALL NEW SIDEWALKS UNLESS NOTED OTHERWISE

DASHED CONTOUR LINES REPRESENT EXISTING GRADES (PRE CONST)

SOLID CONTOUR LINES REPRESENT PROPOSED GRADES.

(HC) CONSTRUCT NEW HANDICAP 'CURB RAMP' PER SPECIFICATIONS

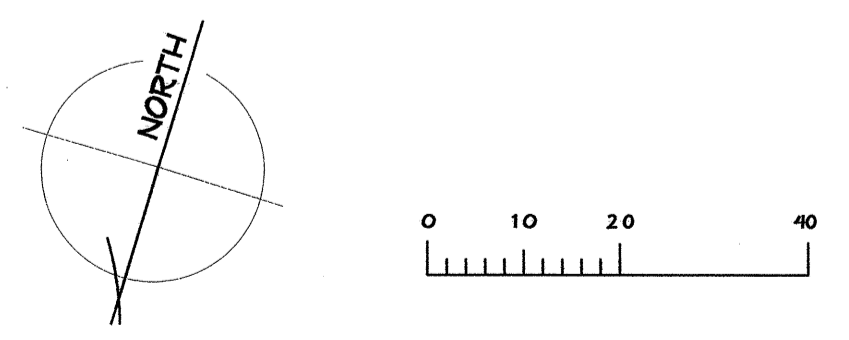
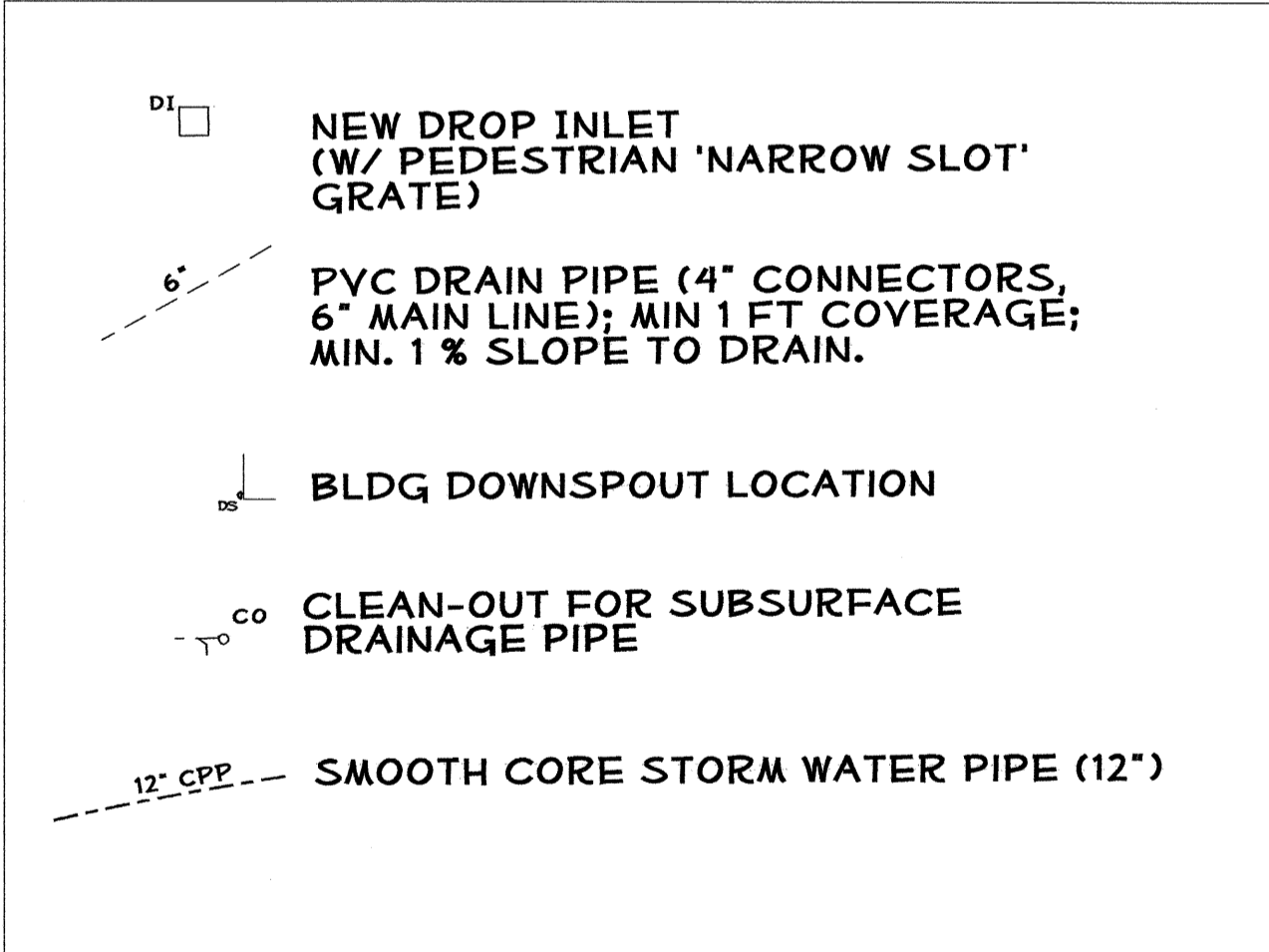
TREE PROTECTION FENCE; ERECT BEFORE BEGINNING CONSTRUCTION.

DO NOT DISTURB ROOT ZONES OF EXISTING PLANTS/TREES (NOT DESIGNATED FOR REMOVAL)

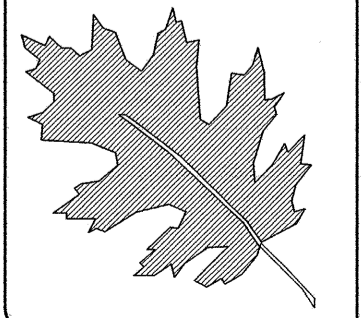
DO NOT DISTURB UNDERGROWN UTILITIES OR POST TOP LIGHTS.

PROPOSED CONCRETE PAVER AREA (SEE PAVER DETAILS).

PROPOSED 7' X 3' CONCRETE PAD (BENCH BY OTHERS).

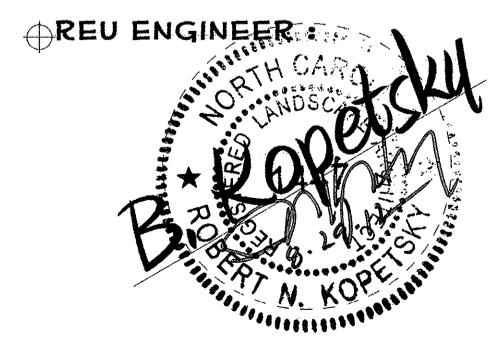


NCDOT - ROADSIDE ENVIRONMENTAL UNIT
 LANDSCAPE DESIGN & DEVELOPMENT
 1557 MAIL SERVICE CENTER RALEIGH NC 27699-1557
 PH: 919-733-2920 FAX: 919-733-9810
 HTTP://WWW.NCDOT.ORG/DOH/OPERATIONS/DP_CHEIF.ENG/ROADSIDE/



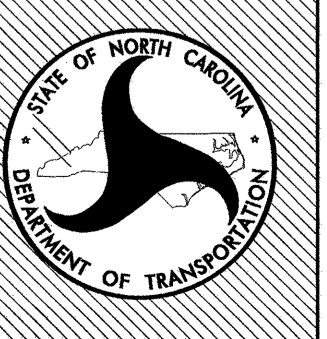
NCDOT - ROADSIDE ENVIRONMENTAL UNIT
 LANDSCAPE DESIGN & DEVELOPMENT
 1557 MAIL SERVICE CENTER RALEIGH NC 27699-1557
 PH: 919-733-2920 FAX: 919-733-9810
 HTTP://WWW.NCDOT.ORG/DOH/OPERATIONS/DP_CHEIF.ENG/ROADSIDE/

**I-40 JOHNSTON Co
 REST AREA RENOVATION**
 PROJECT #: **41533.3.1**

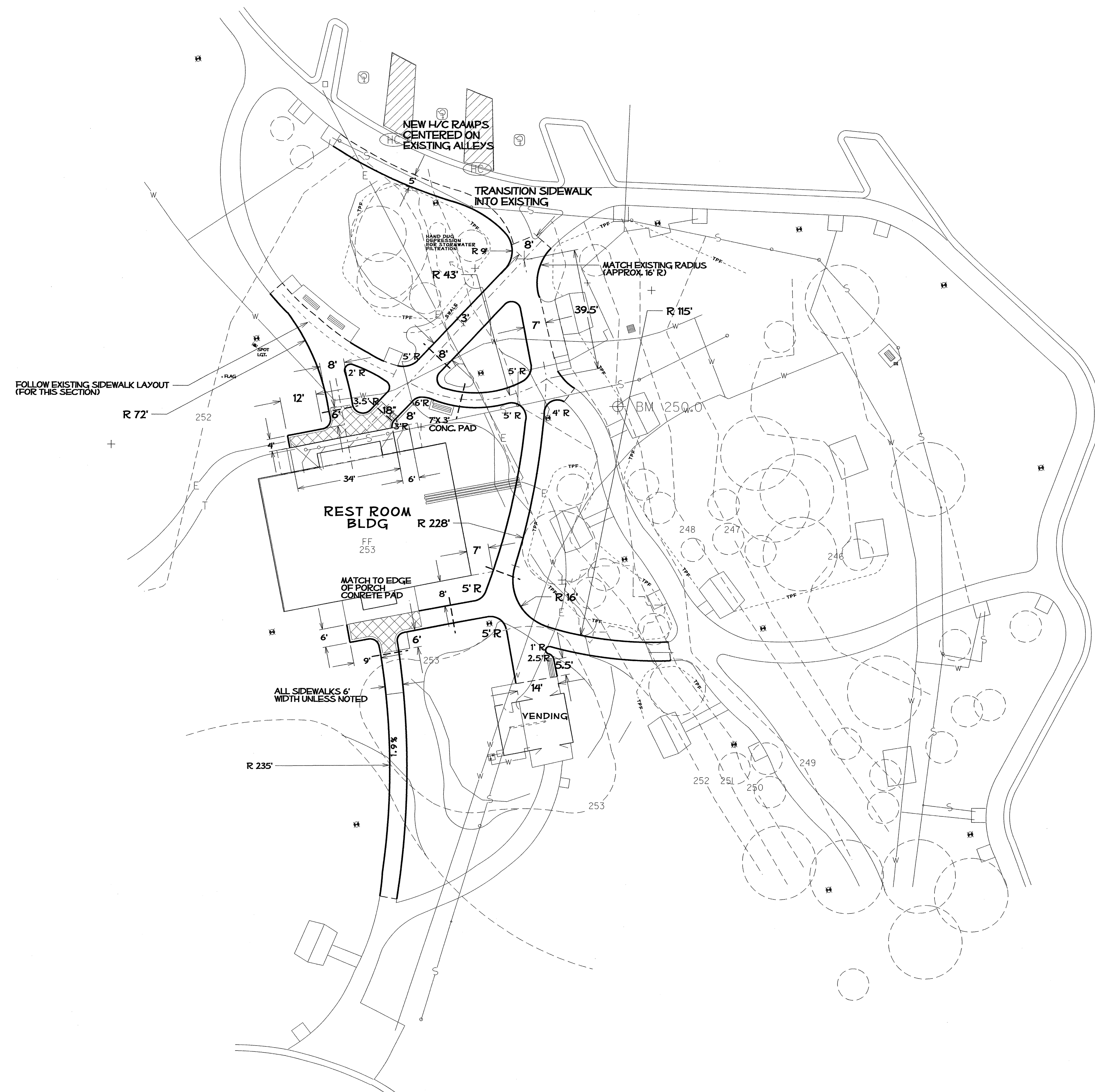


PREL DESIGN DATE: **MAY/ 2012**
 CHECKED BY & DATE:
 FINAL DESIGN DATE: **8-14-12**

**I-40 WBL RENOVATION
 GRADING/DRAINAGE
 PLAN**



SHEET NO :
L-05
 TOTAL SHEET NO :



NOTES

NEW SIDEWALKS IN BOLD LINE WGT

NEW SIDEWALKS AND/OR PAVEMENT TO MATCH AT EXISTING JOINT.

2% CROSS-SLOPES ON ALL NEW SIDEWALKS UNLESS NOTED OTHERWISE


DASHED CONTOUR LINES REPRESENT EXISTING GRADES (PRE CONST)

SOLID CONTOUR LINES REPRESENT PROPOSED GRADES.

HC CONSTRUCT NEW HANDICAP 'CURB RAMP' PER SPECIFICATIONS

 PROPOSED CONCRETE PAVER AREA (SEE PAVR DETAILS).

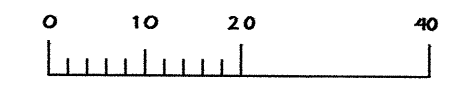
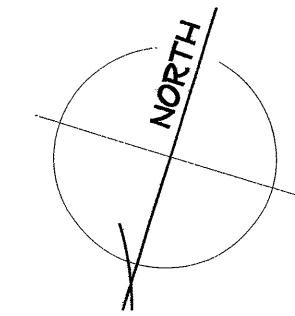
 PROPOSED 7' X 3' CONCRETE PAD (BENCH BY OTHERS).

 3" PVC SLEEVE

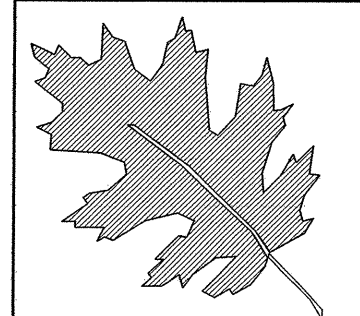
LAYOUT ALL HARDSCAPE ITEMS, FOR NCDOT ENGINEER APPROVAL, PRIOR TO THEIR CONSTRUCTION.

ALL 4" SIDEWALKS ARE 6' WIDE UNLESS NOTED OTHERWISE.

ALL SIDEWALK INTERSECTING CORNERS HAVE A 3' RADIUS UNLESS NOTED OTHERWISE.

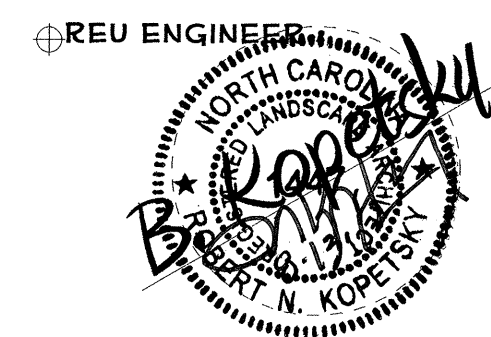


\$\$\$\$\$SYTIME\$\$\$\$\$
\$\$\$\$\$USER\$\$\$\$\$
\$\$\$\$\$CON\$\$\$\$\$



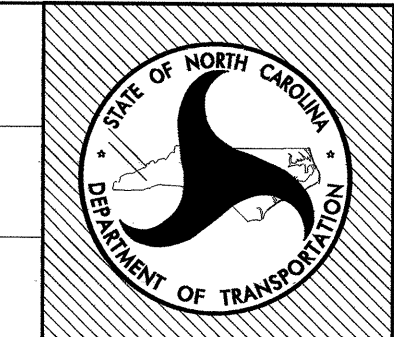
NCDOT - ROADSIDE ENVIRONMENTAL UNIT
LANDSCAPE DESIGN & DEVELOPMENT
1557 MAIL SERVICE CENTER RALEIGH NC 27699-1557
PH: 919-733-2920 FAX: 919-733-9810
[HTTP://WWW.NCDOT.ORG/DOH/OPERATIONS/DP_CHIEF_ENG/ROADSIDE/](http://www.ncdot.org/DOH/OPERATIONS/DP_CHIEF_ENG/ROADSIDE/)

I- 40 JOHNSTON Co
REST AREA RENOVATION
PROJECT #: 41533.3.1

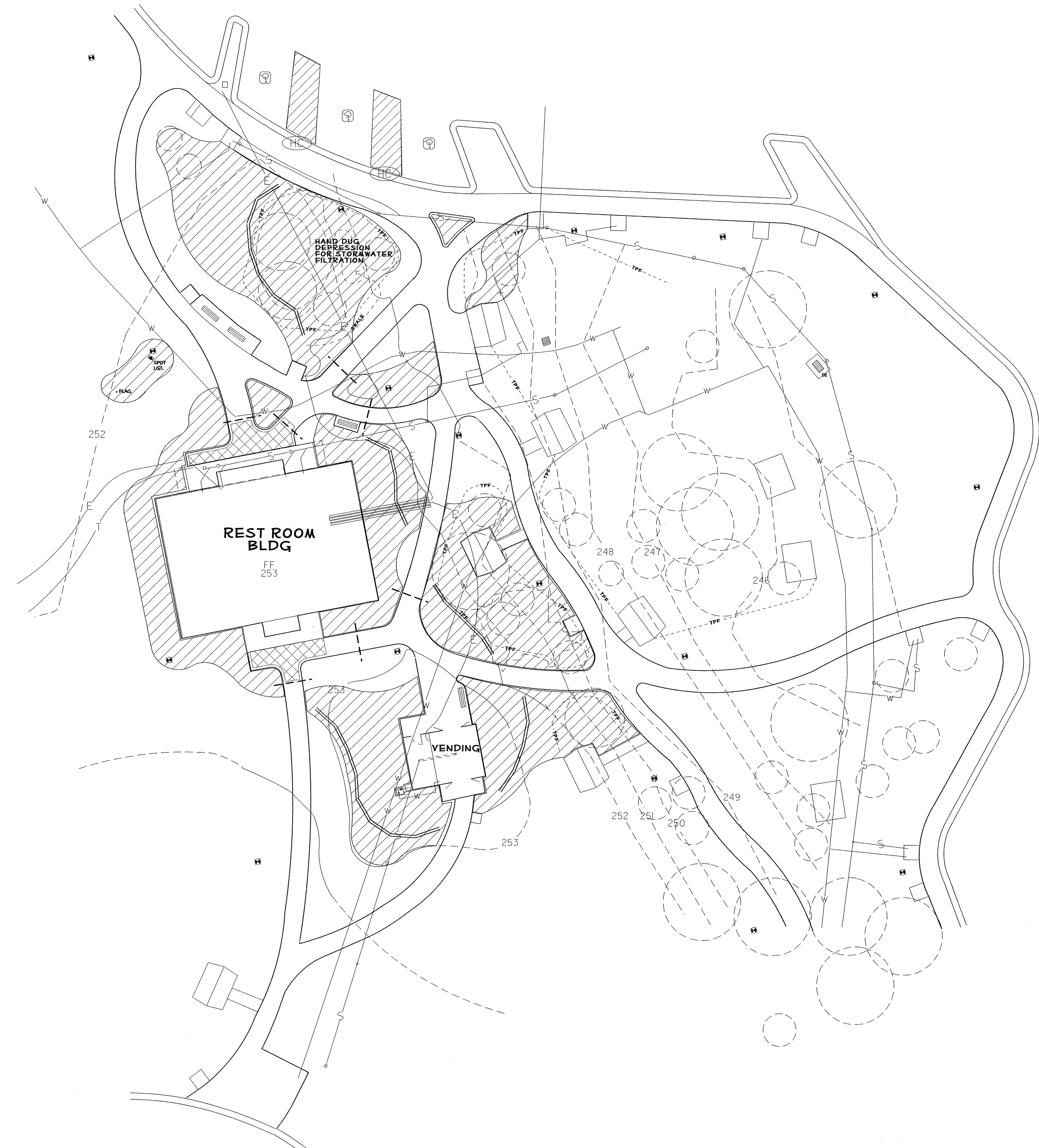


PREL DESIGN DATE: MAY/ 2012
CHECKED BY & DATE: *DW*
FINAL DESIGN DATE: 8-14-12

I-40 WBL RENOVATION
LAYOUT & DIMENSION
PLAN



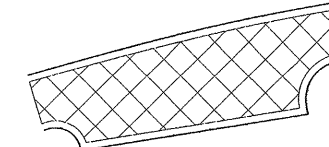
SHEET NO: L-06
TOTAL SHEET NO:



NOTES

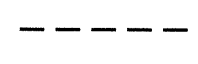
DASHED CONTOUR LINES REPRESENT EXISTING GRADES (PRE CONST)
 SOLID CONTOUR LINES REPRESENT PROPOSED GRADES.

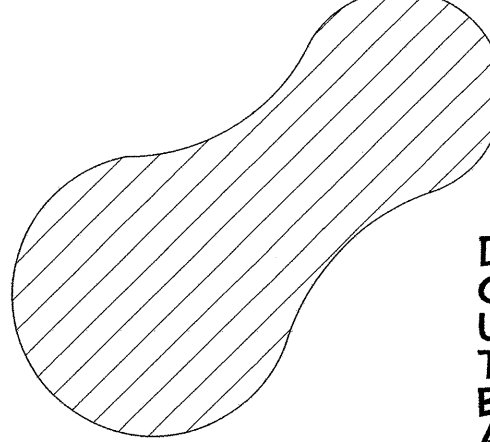
(HC) CONSTRUCT NEW HANDICAP 'CURB RAMP' PER SPECIFICATIONS

 PROPOSED PAYER AREA WITH 9" CONCRETE BAND (SEE PAYER DETAIL).

 PROPOSED RETAINING WALL (EBL FACILITY ONLY).

 LOCATION FOR POST & RAIL FENCE (BY OTHERS)

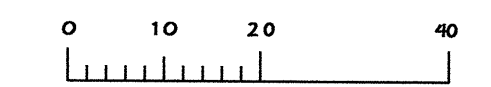
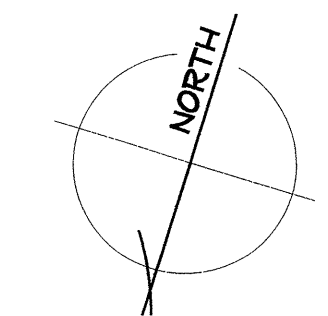
 3" PVC SLEEVE

 DENOTES PLANT BED LOCATION. CONTRACTOR SHALL REMOVE TURF OR UNDERGROWTH (APPLY HERBIDE TREATMENTS AS DIRECTED), EDGE BED OUTLINE, ADD 6" OF TOPSOIL, AND 4" OF MULCH. LANDSCAPE PLANTINGS WILL BE COMPLETED BY OTHERS.

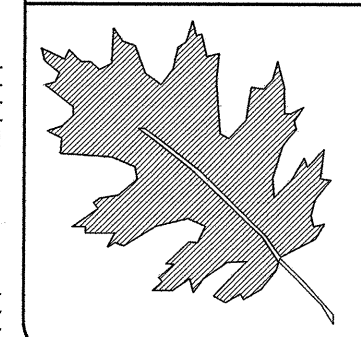
ALL TURF AREAS SHALL BE OVERSOWN WITH HYBRED BERMUDA AS SPECIFIED.

ALL PLANT BED AREAS ADJOINING TURF SHALL BE EDGED PER DETAIL.

ALL SITE AND LANDSCAPE WORK SHALL BE COMPLETED BY SEPTEMBER 1, 2013.

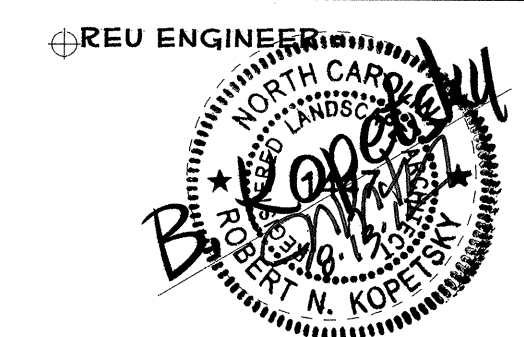


\$\$\$\$\$SYTIME\$\$\$\$\$
 \$\$\$CDGN\$\$\$\$\$
 \$\$\$SERNAME\$\$\$\$\$



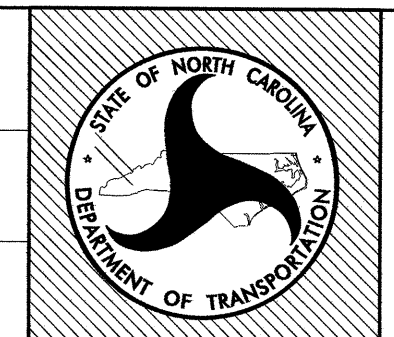
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I- 40 JOHNSTON Co
 REST AREA RENOVATION
 PROJECT #: 41533.3.1

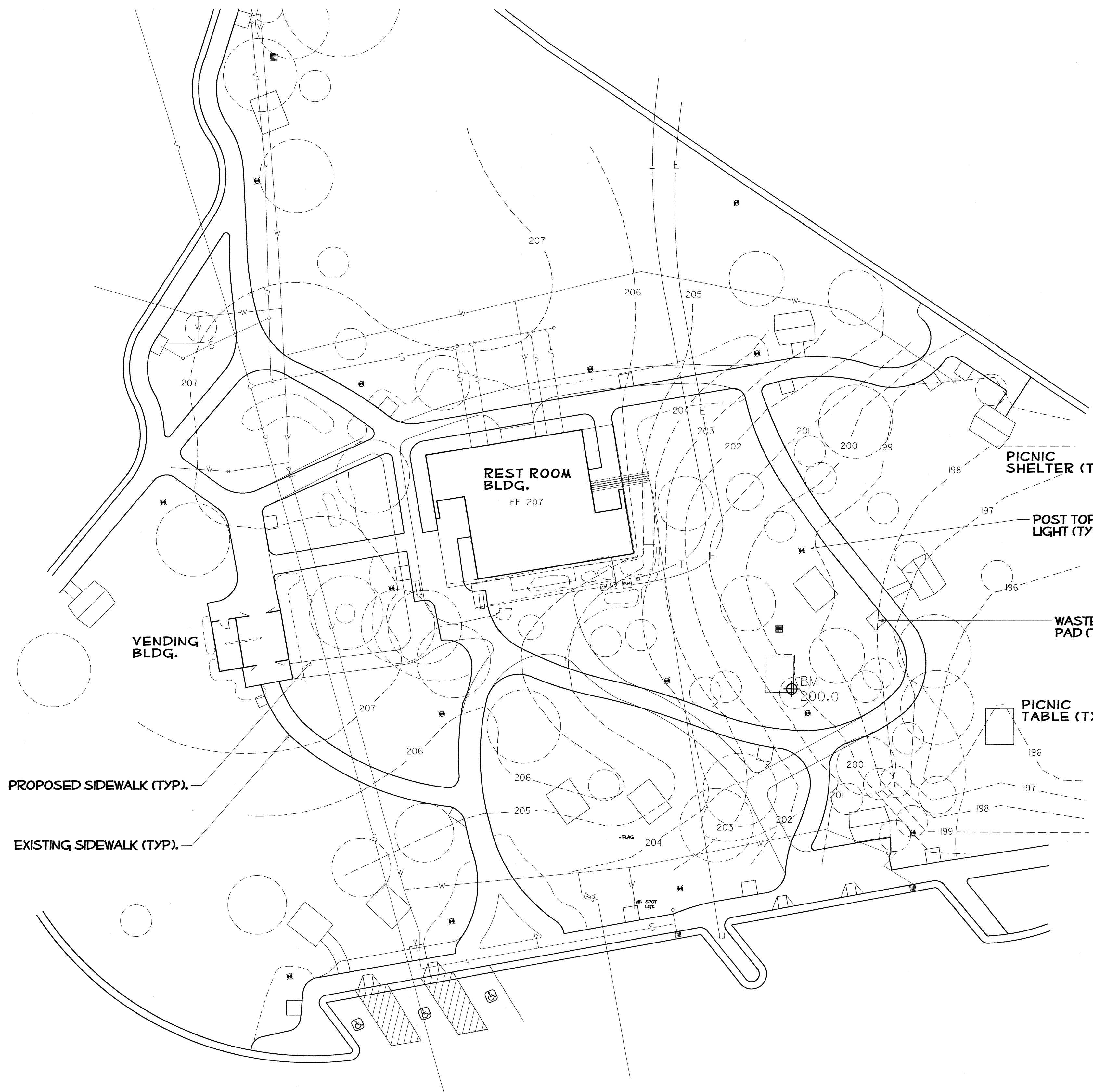


SHEET DESCRIPTION:
 PREL. DESIGN DATE: MAY/ 2012
 CHECKED BY & DATE: DW
 FINAL DESIGN DATE: 8-14-12

I-40 WBL RENOVATION
 LANDSCAPE PLAN



SHEET NO:
L-07
 TOTAL SHEET NO:



PARKING SUMMARY
 CAR- 39
 (INCLUDES 3 H/C ACCESSIBLE
 = 1 VAN & 2 CAR)
 LONG VEHICLE (CARS W/TRAILERS
 & REC. VEH.) - 5
 TRACTOR TRAILER - 15

NOTES

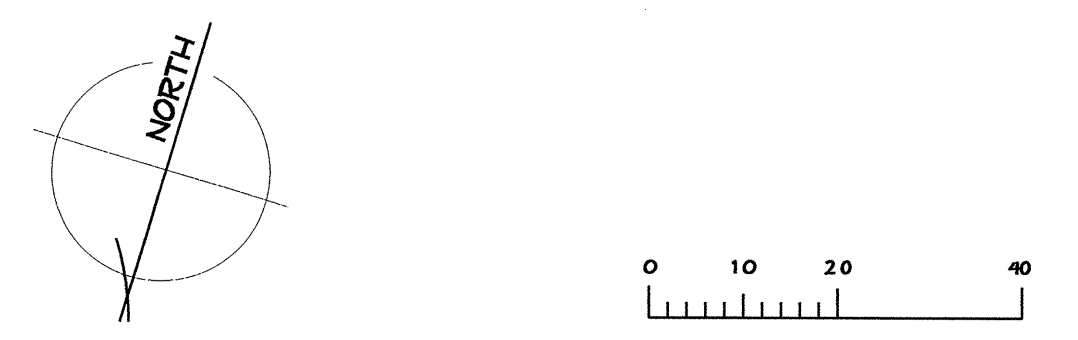
EXISTING SIDEWALKS IN BOLD
 LINE WGT; PROPOSED SIDEWALKS
 SHOWN IN LIGHTER LINE WEIGHT.

DASHED CONTOUR LINES REPRESENT
 EXISTING GRADES (PRE CONST)

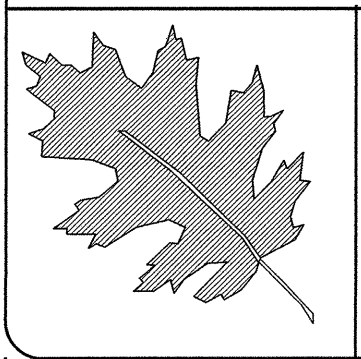
EXISTING TREES OR SHRUBS.

EXISTING UTILITIES:

W WATER
 S SEWER
 E ELECTRICAL
 T TELEPHONE



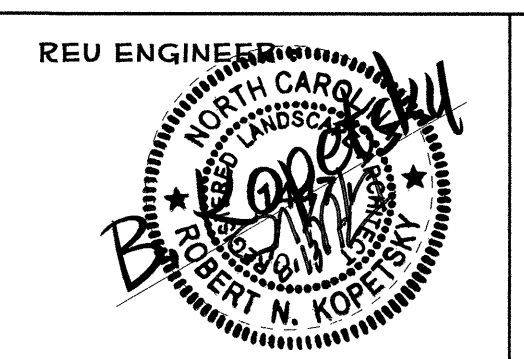
UNIVERSITY OF NORTH CAROLINA
 STATE COLLEGE OF FORESTRY
 1000 UNIVERSITY DRIVE
 CARRINGTON, NC 27513
 TEL: 919-338-5000
 FAX: 919-338-5000
 WWW.FORESTRY.UNC.edu



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 HTTP://WWW.NCDOT.ORG/DOH/OPERATIONS/DP_CHIEF.ENG/ROADSIDE/

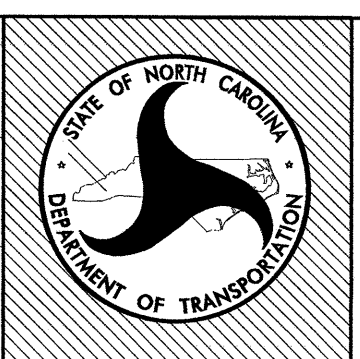
**I- 40 JOHNSTON Co
 REST AREA RENOVATION**

PROJECT #: **41533.3.1**

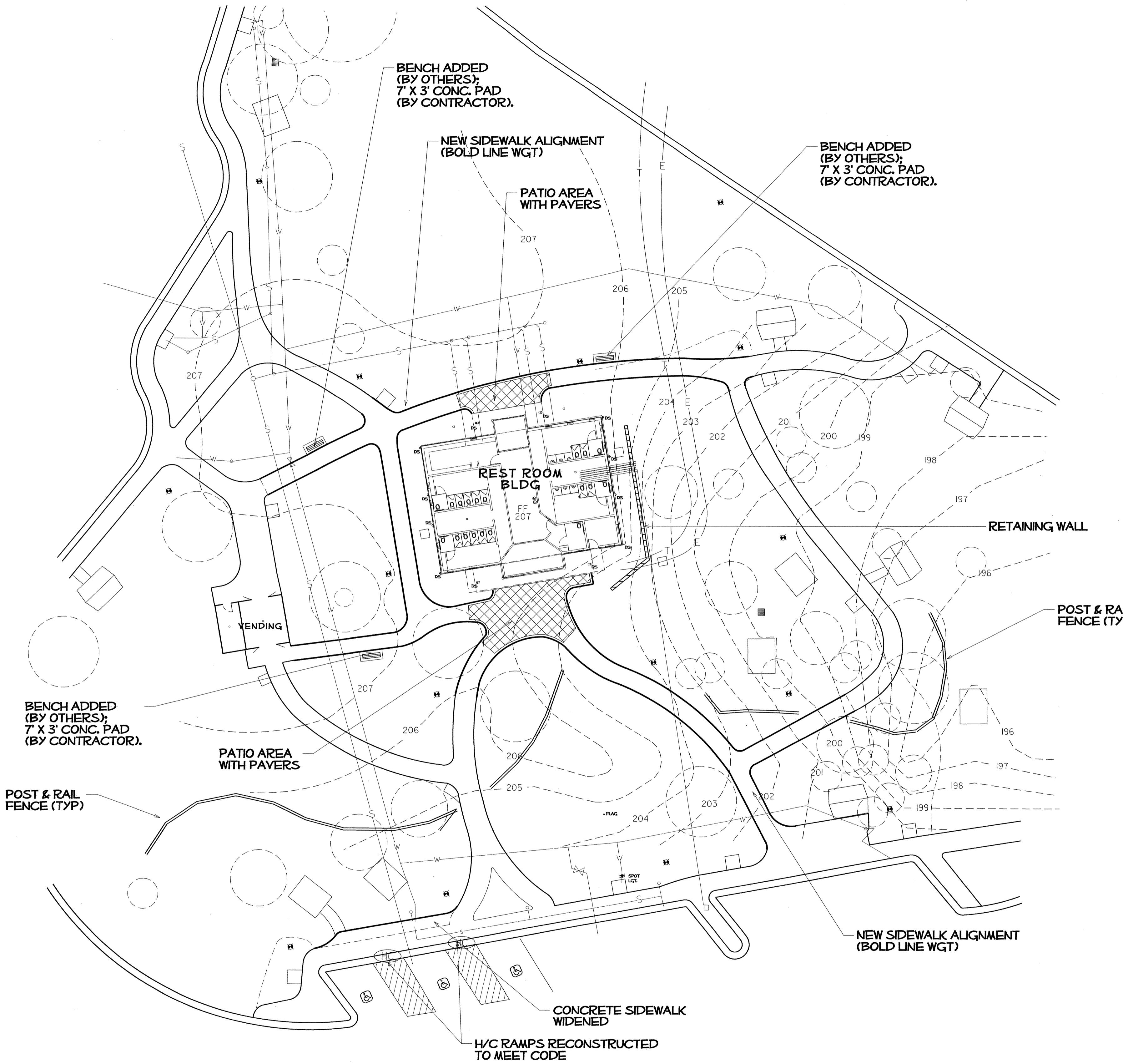


SHEET DESCRIPTION:
 PREL. DESIGN DATE: **MAY/ 2012**
 CHECKED BY & DATE: **DW**
 FINAL DESIGN DATE: **8-14-12**

**I-40 EBL RENOVATION
 EXISTING SITE PLAN**



SHEET NO :
L-08
 TOTAL SHEET NO :



PARKING SUMMARY

CAR - 39
 (INCLUDES 3 H/C ACCESSIBLE
 = 1 VAN & 2 CAR)

LONG VEHICLE (CARS W/TRAILERS
 & REC. VEH.) - 5

TRACTOR TRAILER - 15

NOTES

CONTOUR LINES REPRESENT
EXISTING GRADES (PRE CONST)

SIDEWALKS TO MATCH EXISTING
WHERE NOTED

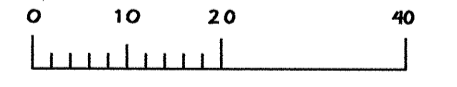
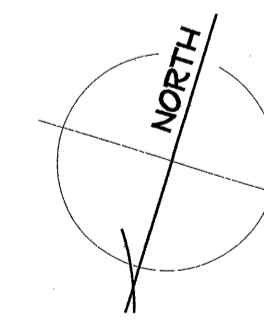
SIDEWALK CROSS-SLOPES
NOT TO EXCEED 2%

(HC) CONSTRUCT NEW
HANDICAP 'CURB RAMP'
PER SPECIFICATIONS

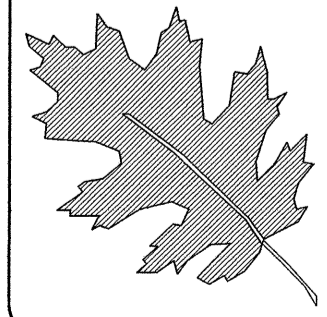
LOCATION FOR
POST & RAIL FENCE
(BY OTHERS)

EXISTING POST-TOP
LIGHT

PROPOSED RETAINING WALL
(SEE DETAIL).

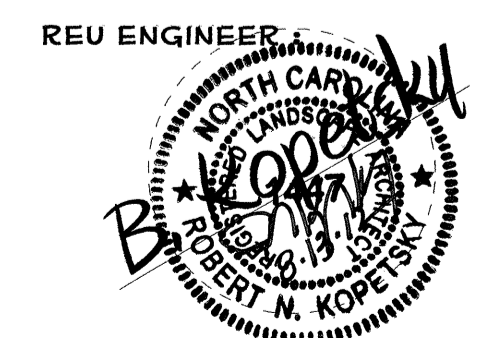


UNDESIGNED BY NCDOT



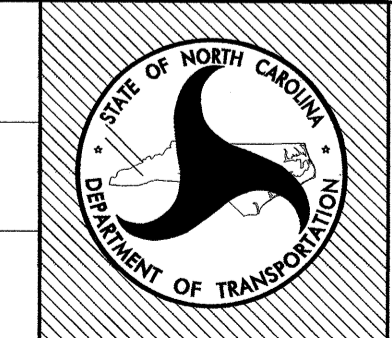
NCDOT - ROADSIDE ENVIRONMENTAL UNIT
 LANDSCAPE DESIGN & DEVELOPMENT
 1557 MAIL SERVICE CENTER RALEIGH NC 27699-1557
 PH: 919-733-2920 FAX: 919-733-9810
[HTTP://WWW.NCDOT.ORG/DOH/OPERATIONS/DP_CHIEF_ENG/ROADSIDE/](http://www.ncdot.org/doh/operations/dp_chief_eng/roadside/)

I- 40 JOHNSTON Co
 REST AREA RENOVATION
 PROJECT #: 41533.3.1



PREL DESIGN DATE: MAY/ 2012
 CHECKED BY & DATE: [Signature]
 FINAL DESIGN DATE: 8-14-12

I-40 EBL RENOVATION
 PROPOSED SITE PLAN



SHEET NO: L-09
 TOTAL SHEET NO:

ALL PRECAUTIONS AND CARE SHALL BE TAKEN IN ORDER TO PRESERVE THOSE EXISTING SITE FEATURES, VEGETATION AND LAWN AREAS OUTSIDE THE CONSTRUCTION LIMITS. PLACEMENT OF EQUIPMENT OR DEBRI WITHIN TREE ROOT ZONES IS PROHIBITED.

TAKE ALL PRECAUTIONS NECESSARY DURING THE VEGETATION REMOVAL AND DEMOLITION STAGE NOT TO DAMAGE OR DISRUPT EXISTING UTILITIES OR LIGHTING FIXTURES.

NOTES

NEW SIDEWALKS IN BOLD LINE WGT

NEW SIDEWALKS AND/OR PAVEMENT TO MATCH EXISTING WHERE NOTED

SIDEWALK CROSS-SLOPES NOT TO EXCEED 2%

ALL FOUNDATION PLANTINGS ARE TO BE REMOVED

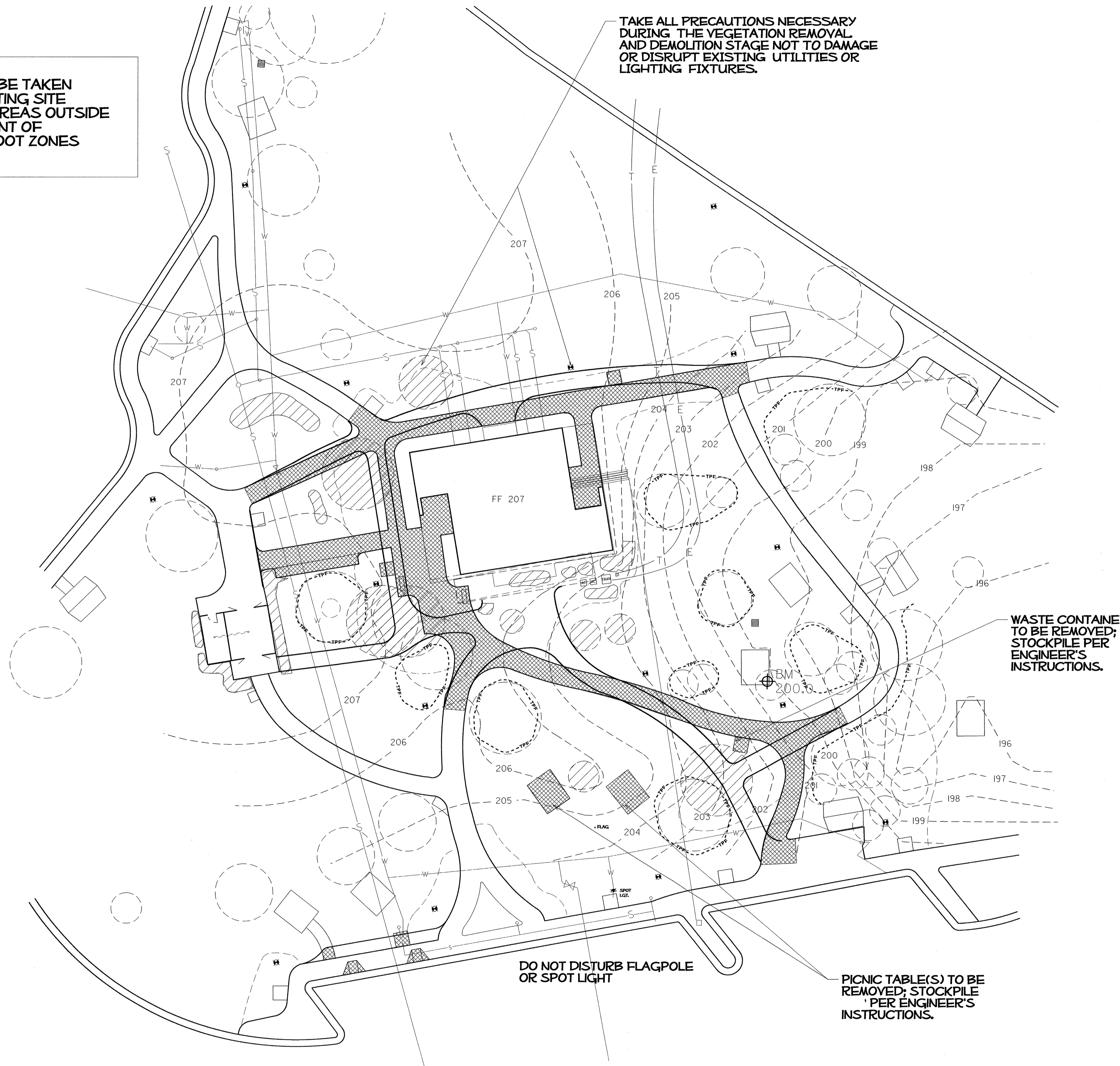
 TREES OR SHRUBS TO REMOVE

 PAVEMENT OR SIDEWALKS TO REMOVE

 TREE PROTECTION FENCE; ERECT BEFORE BEGINNING CONSTRUCTION.

DO NOT DISTURB ROOT ZONES OF EXISTING PLANTS/TREES (NOT DESIGNATED FOR REMOVAL)

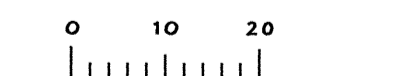
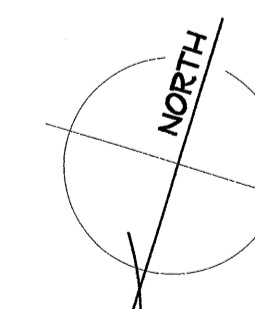
DO NOT DISTURB UNDERGROWN UTILITIES OR POST TOP LIGHTS.



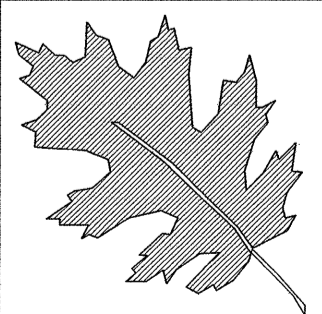
WASTE CONTAINER TO BE REMOVED; STOCKPILE PER ENGINEER'S INSTRUCTIONS.

DO NOT DISTURB FLAGPOLE OR SPOT LIGHT

PICNIC TABLE(S) TO BE REMOVED; STOCKPILE PER ENGINEER'S INSTRUCTIONS.

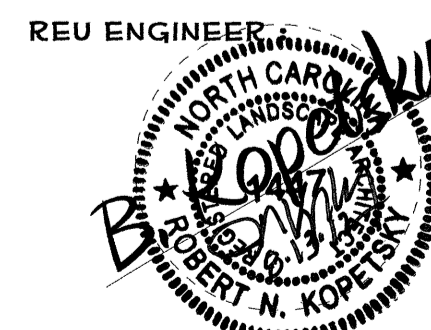


\$\$\$\$\$SYTIME\$\$\$\$\$
\$\$\$\$\$SUBSERNAME\$\$\$\$\$



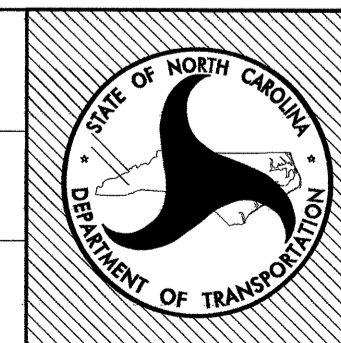
NCDOT - ROADSIDE ENVIRONMENTAL UNIT
LANDSCAPE DESIGN & DEVELOPMENT
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HTTP://WWW.NCDOT.ORG/DOH/OPERATIONS/DP_CHIEF.ENG/ROADSIDE/

I- 40 JOHNSTON Co
REST AREA RENOVATION
PROJECT #: 41533.3.1

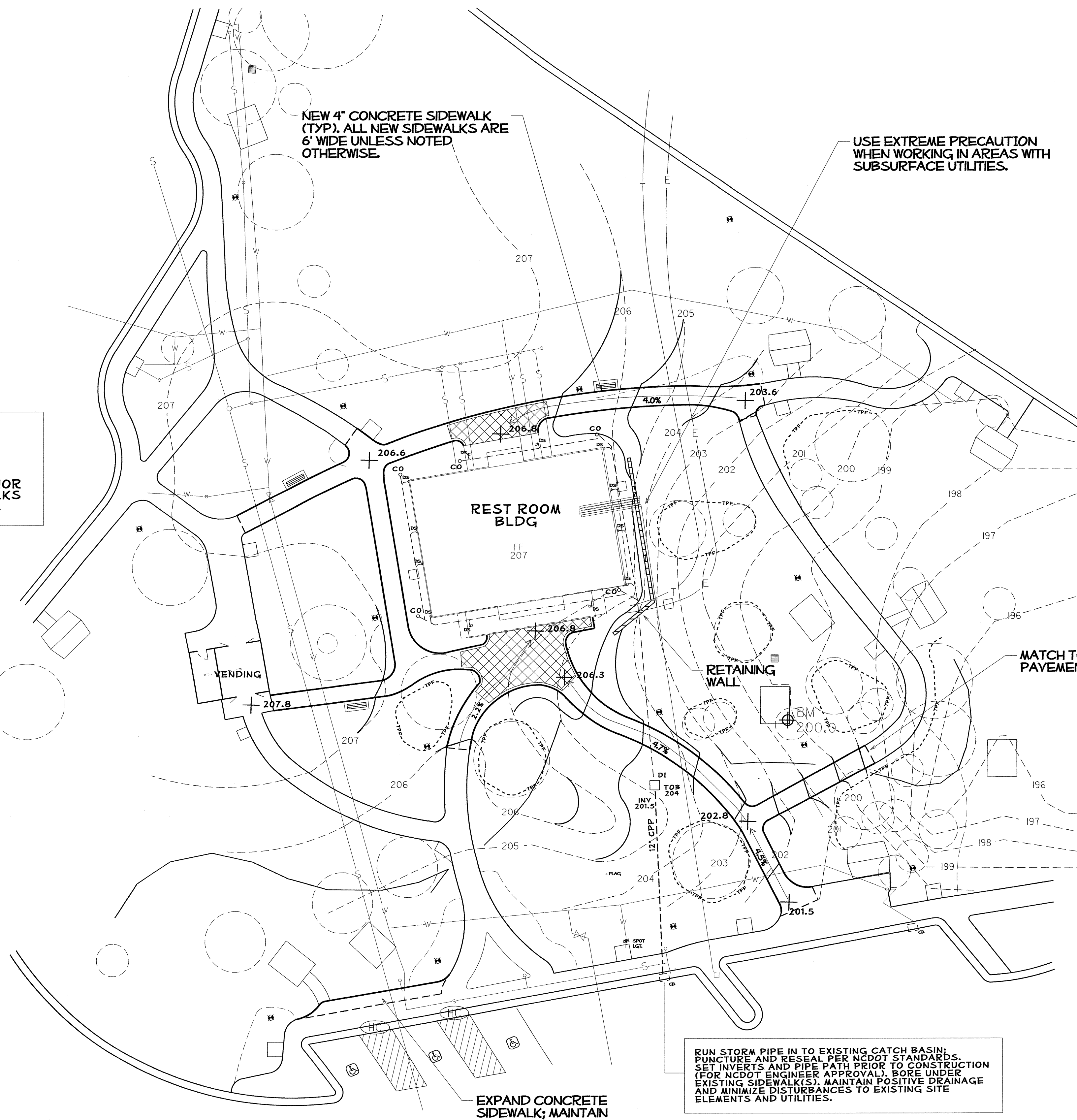


SHEET DESCRIPTION:	PREL. DESIGN DATE: MAY/ 2012
	CHECKED BY & DATE: DW
	FINAL DESIGN DATE: 8-14-12

I-40 EBL RENOVATION
SITE DEMOLITION PLAN



SHEET NO :
L-10
TOTAL SHEET NO :



GRADE TO DRAIN AWAY FROM BLDG, STRUCTURES & PAV'T AREAS; DIRECT STORMWATER TO BASINS OR SHEET PLOW TO YARD AREAS.
INSTALL SUBSURFACE DRAIN PIPES PRIOR TO POURING CONCRETE PADS/SIDEWALKS AND INSTALLATION OF RETAINING WALL.

NEW 4" CONCRETE SIDEWALK (TYP). ALL NEW SIDEWALKS ARE 6' WIDE UNLESS NOTED OTHERWISE.

USE EXTREME PRECAUTION WHEN WORKING IN AREAS WITH SUBSURFACE UTILITIES.

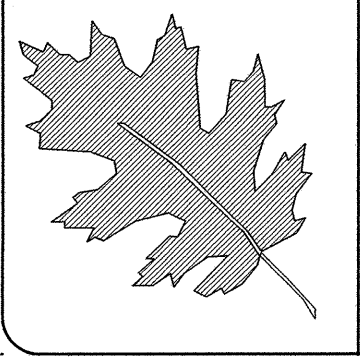
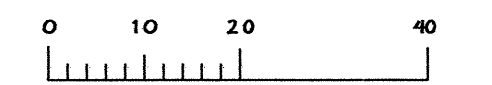
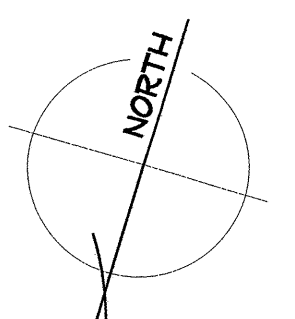
EXPAND CONCRETE SIDEWALK; MAINTAIN EXISTING CROSS SLOPE.

RUN STORM PIPE IN TO EXISTING CATCH BASIN; PUNCTURE AND RESEAL PER NCDOT STANDARDS. SET INVERTS AND PIPE PATH PRIOR TO CONSTRUCTION (FOR NCDOT ENGINEER APPROVAL). BORE UNDER EXISTING SIDEWALK(S). MAINTAIN POSITIVE DRAINAGE AND MINIMIZE DISTURBANCES TO EXISTING SITE ELEMENTS AND UTILITIES.

NOTES

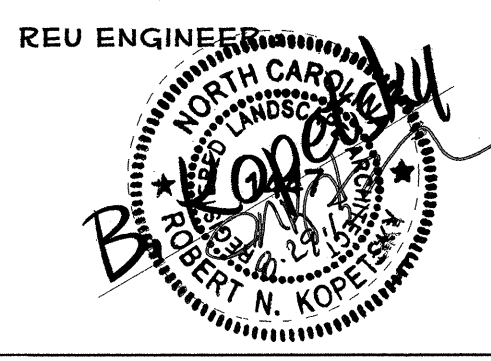
- NEW SIDEWALKS IN BOLD LINE WGT
- NEW SIDEWALKS AND/OR PAYEMENT TO MATCH EXISTING WHERE NOTED
- 2% CROSS-SLOPES ON ALL NEW SIDEWALKS UNLESS NOTED OTHERWISE
- DASHED CONTOUR LINES REPRESENT EXISTING GRADES (PRE CONST)
- SOLID CONTOUR LINES REPRESENT PROPOSED GRADES.
- (HC) CONSTRUCT NEW HANDICAP 'CURB RAMP' PER SPECIFICATIONS
- TREE PROTECTION FENCE; ERECT BEFORE BEGINNING CONSTRUCTION.
- DO NOT DISTURB ROOT ZONES OF EXISTING PLANTS/TREES (NOT DESIGNATED FOR REMOVAL)
- PROPOSED RETAINING WALL (SEE DETAIL).
- DO NOT DISTURB UNDERGROWN UTILITIES OR POST TOP LIGHTS.
- PROPOSED CONCRETE PAVER AREA (SEE PAVER DETAILS).
- PROPOSED 7' X 3' CONCRETE PAD (BENCH BY OTHERS).

- (DI) NEW DROP INLET (W/ PEDESTRIAN 'NARROW SLOT' GRATE)
- (6") PVC DRAIN PIPE (4" CONNECTORS, 6" MAIN LINE); MIN 1 FT COVERAGE; MIN. 1 % SLOPE TO DRAIN.
- (BS) BLDG DOWNSPOUT LOCATION
- (CO) CLEAN-OUT FOR SUBSURFACE DRAINAGE PIPE
- (12" CSP) SMOOTH CORE STORM WATER PIPE (12")



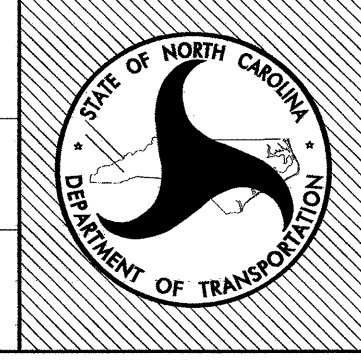
NCDOT - ROADSIDE ENVIRONMENTAL UNIT
LANDSCAPE DESIGN & DEVELOPMENT
1557 MAIL SERVICE CENTER RALEIGH NC 27699-1557
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I-40 JOHNSTON Co
REST AREA RENOVATION
PROJECT #: 41533.3.1



PREL DESIGN DATE: MAY/ 2012
CHECKED BY & DATE:
FINAL DESIGN DATE: 8-14-12

I-40 EBL RENOVATION
GRADING/DRAINAGE
PLAN



SHEET NO:
L-11
TOTAL SHEET NO:

11/15/12 10:58 AM



NOTES

NEW SIDEWALKS IN BOLD LINE WGT

NEW SIDEWALKS AND/OR PAYEMENT TO MATCH AT EXISTING JOINT.

2% CROSS-SLOPES ON ALL NEW SIDEWALKS UNLESS NOTED OTHERWISE

DASHED CONTOUR LINES REPRESENT EXISTING GRADES (PRE CONST)

SOLID CONTOUR LINES REPRESENT PROPOSED GRADES.

(HC) CONSTRUCT NEW HANDICAP 'CURB RAMP' PER SPECIFICATIONS

PROPOSED PAYER AREA WITH 9" CONCRETE BAND (SEE PAYER DETAIL).

PROPOSED RETAINING WALL (SEE DETAIL).

PROPOSED 7' X 3' CONCRETE PAD (BENCH BY OTHERS).

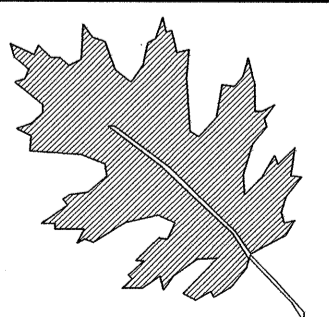
3" PVC SLEEVE

LAYOUT ALL HARDSCAPE ITEMS, FOR NCDOT ENGINEER APPROVAL, PRIOR TO THEIR CONSTRUCTION.

ALL 4" SIDEWALKS ARE 6' WIDE UNLESS NOTED OTHERWISE.

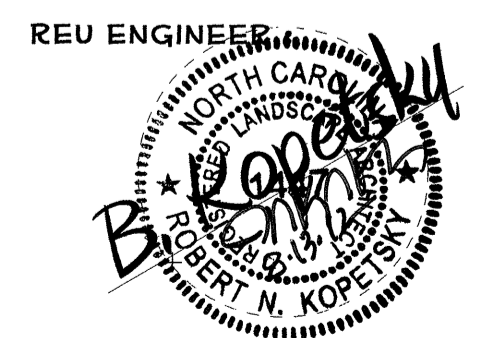
ALL SIDEWALK INTERSECTING CORNERS HAVE A 3' RADIUS UNLESS NOTED OTHERWISE.

\$\$\$\$\$SYSTEM\$\$\$\$\$
\$\$\$\$\$USER\$\$\$\$\$



NCDOT - ROADSIDE ENVIRONMENTAL UNIT
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 HTTP://WWW.NCDOT.ORG/DOH/OPERATIONS/DP_CHIEF_ENG/ROADSIDE/

I- 40 JOHNSTON Co
 REST AREA RENOVATION
 PROJECT #: 41533.3.1

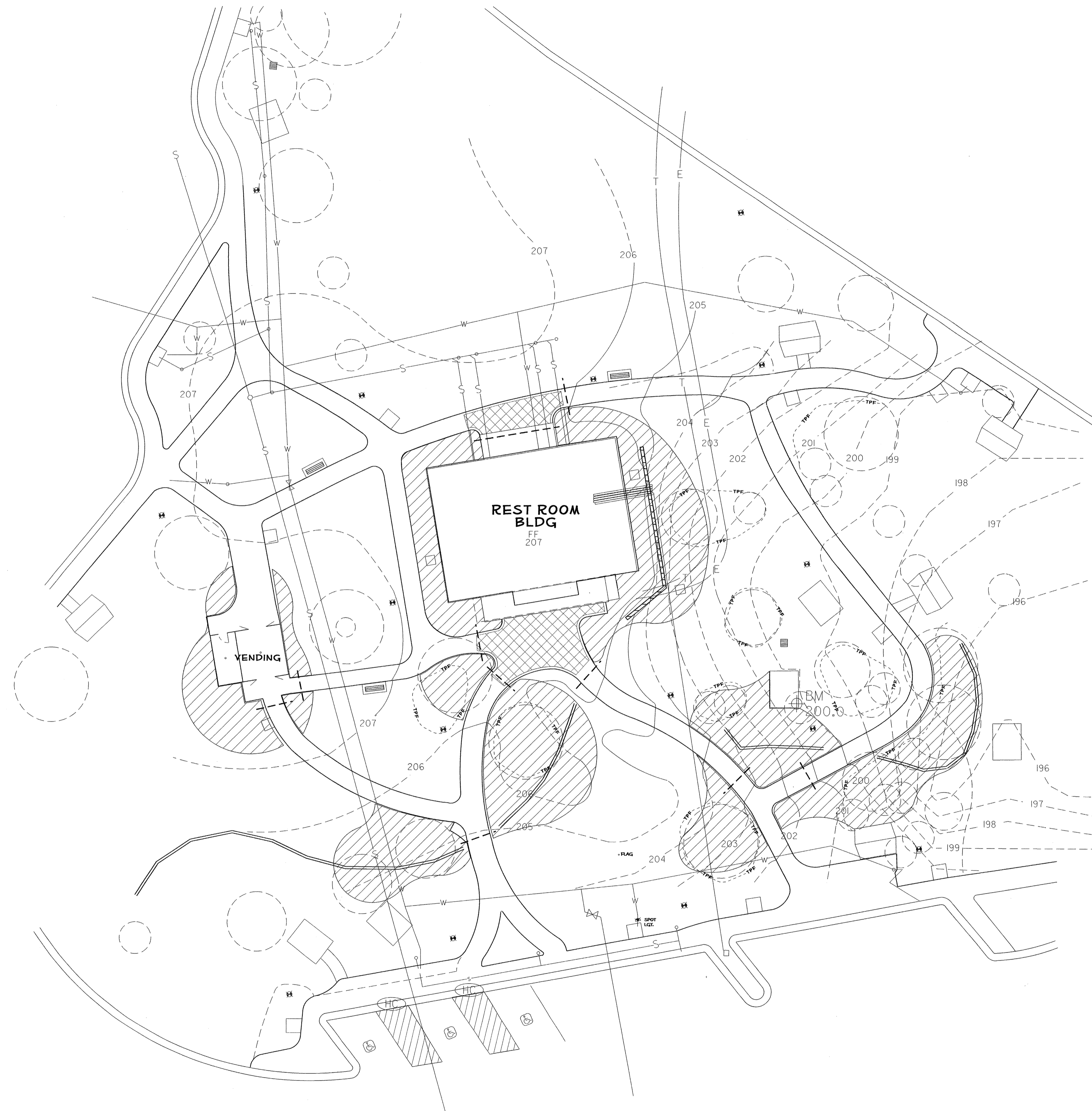


PREL DESIGN DATE: MAY/ 2012
 CHECKED BY & DATE: DW
 FINAL DESIGN DATE: 8-14-12

I-40 EBL RENOVATION
 LAYOUT & DIMENSION
 PLAN



SHEET NO:
L-12
 TOTAL SHEET NO:

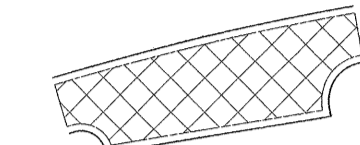


NOTES

DASHED CONTOUR LINES REPRESENT EXISTING GRADES (PRE CONST)

SOLID CONTOUR LINES REPRESENT PROPOSED GRADES.

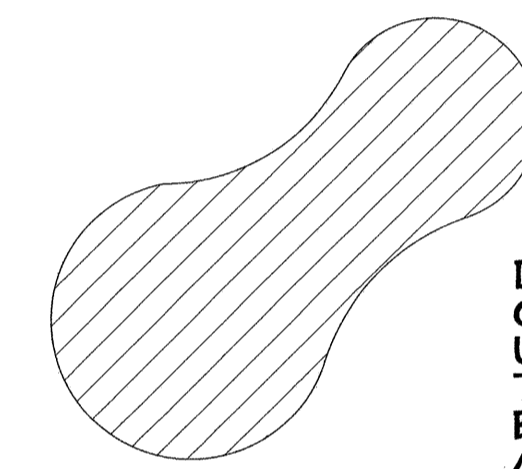
(HC) CONSTRUCT NEW HANDICAP 'CURB RAMP' PER SPECIFICATIONS

 PROPOSED PAYER AREA WITH 9" CONCRETE BAND (SEE PAYER DETAIL).

 PROPOSED RETAINING WALL (SEE DETAIL).

 LOCATION FOR POST & RAIL FENCE (BY OTHERS)

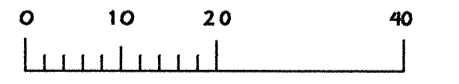
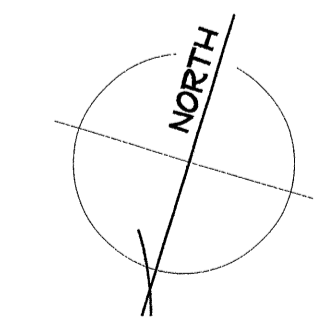
 3" PVC SLEEVE

 DENOTES PLANT BED LOCATION. CONTRACTOR SHALL REMOVE TURF OR UNDERGOWTH (APPLY HERBIDE TREATMENTS AS DIRECTED), EDGE BED OUTLINE, ADD 6" OF TOPSOIL, AND 4" OF MULCH. LANDSCAPE PLANTINGS WILL BE COMPLETED BY OTHERS.

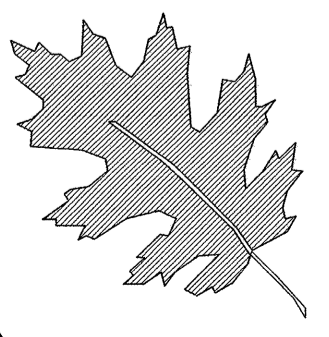
ALL TURF AREAS SHALL BE OVERSOWN WITH HYBRED BERMUDA AS SPECIFIED.

ALL PLANT BED AREAS ADJOINING TURF SHALL BE EDGED PER DETAIL.

ALL SITE AND LANDSCAPE WORK SHALL BE COMPLETED BY SEPTEMBER 1, 2013.

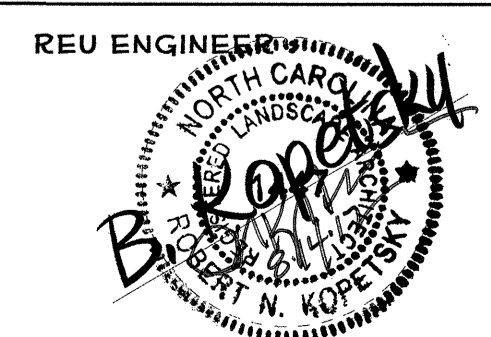


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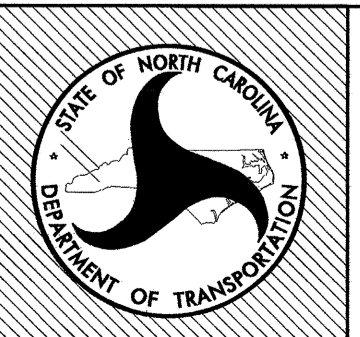
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I- 40 JOHNSTON Co
REST AREA RENOVATION
 PROJECT #: **41533.3.1**



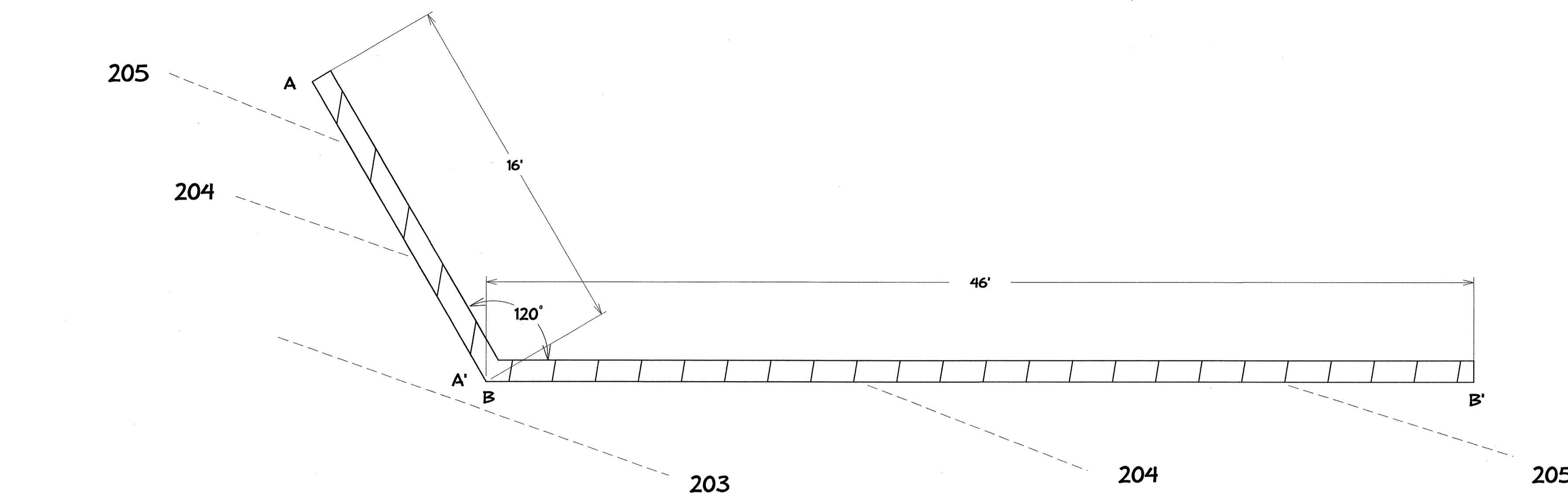
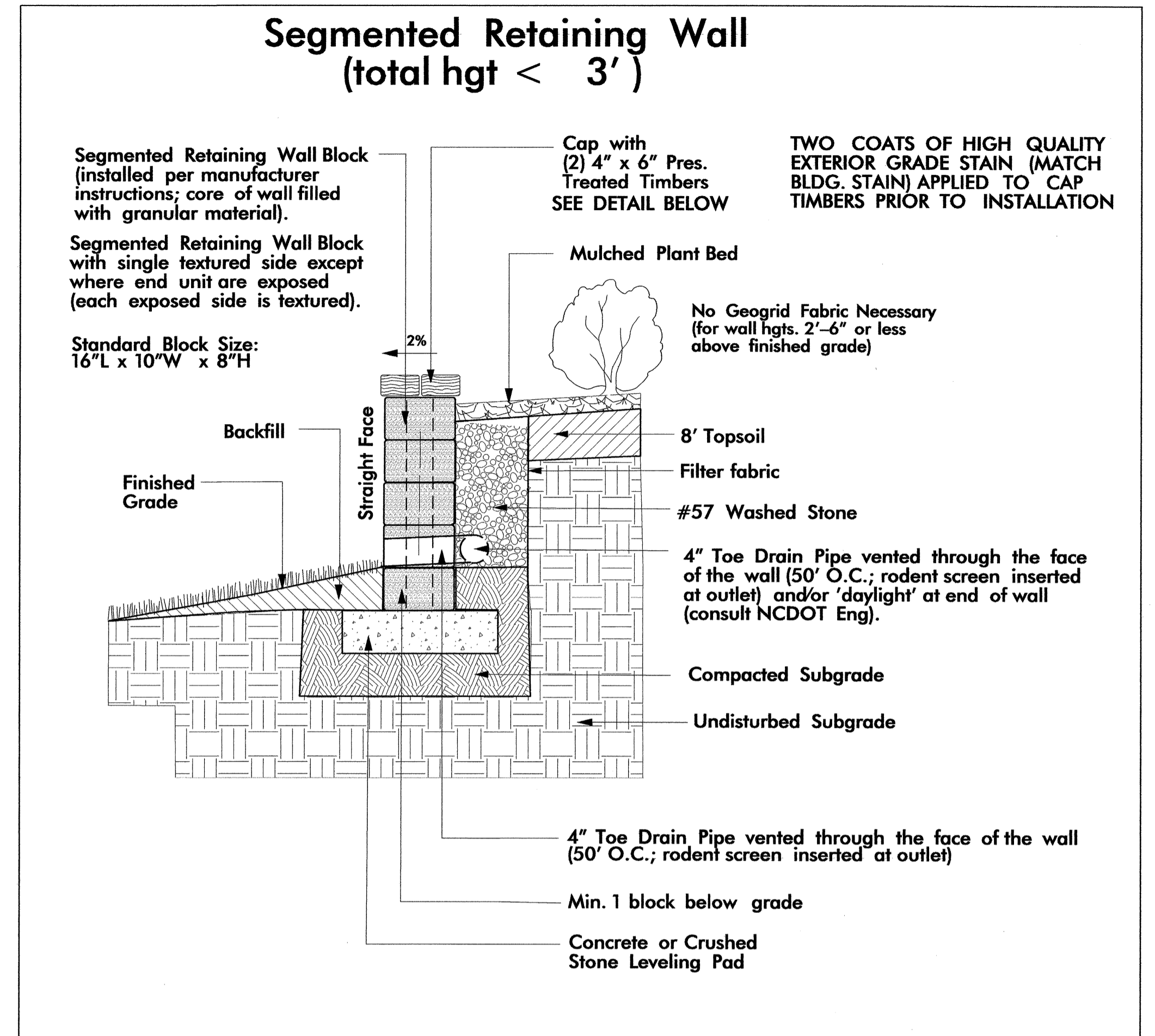
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 PREL DESIGN DATE: **MAY/ 2012**
 CHECKED BY & DATE:
 FINAL DESIGN DATE: **8-14-12**

I-40 EBL RENOVATION
LANDSCAPE PLAN

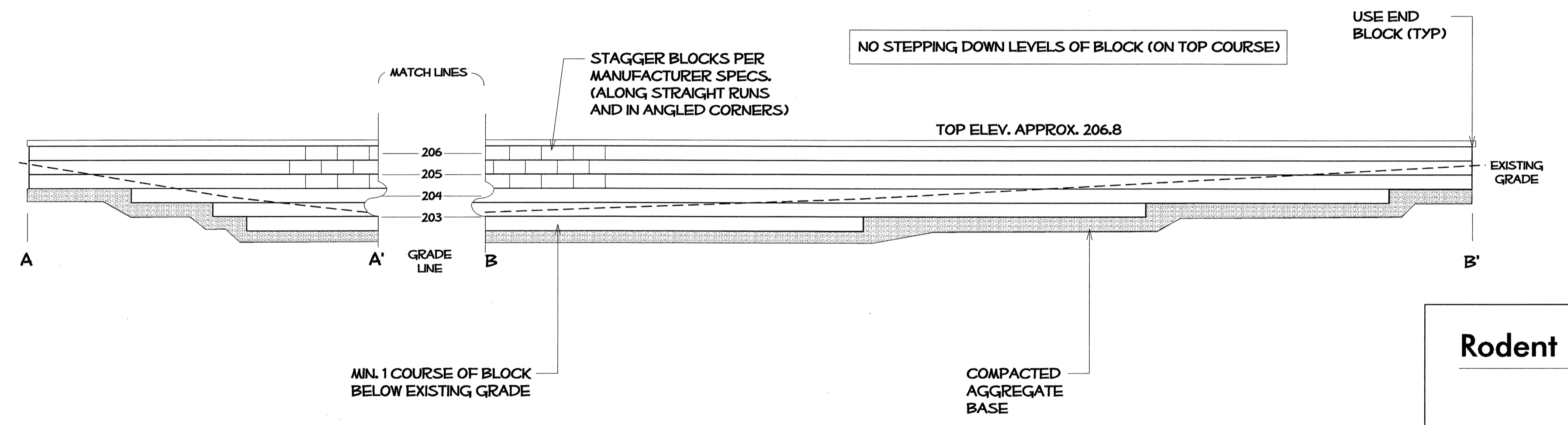


SHEET NO: **L-13**
 TOTAL SHEET NO: _____

CONTRACTOR SHALL PROVIDE SEALED ENGINEERED DRAWINGS IF WALL EXCEEDS 4 FT. HEIGHT.

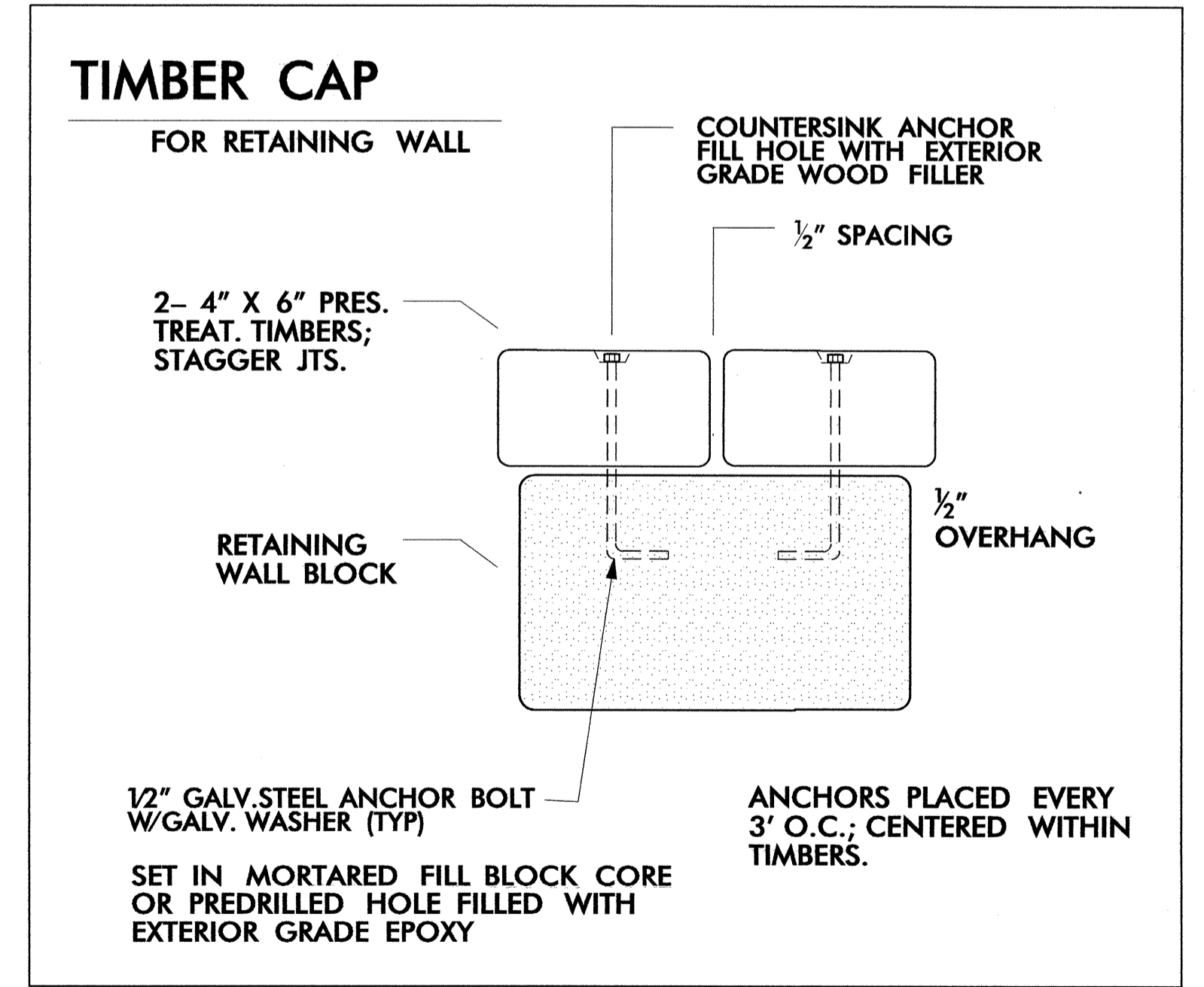
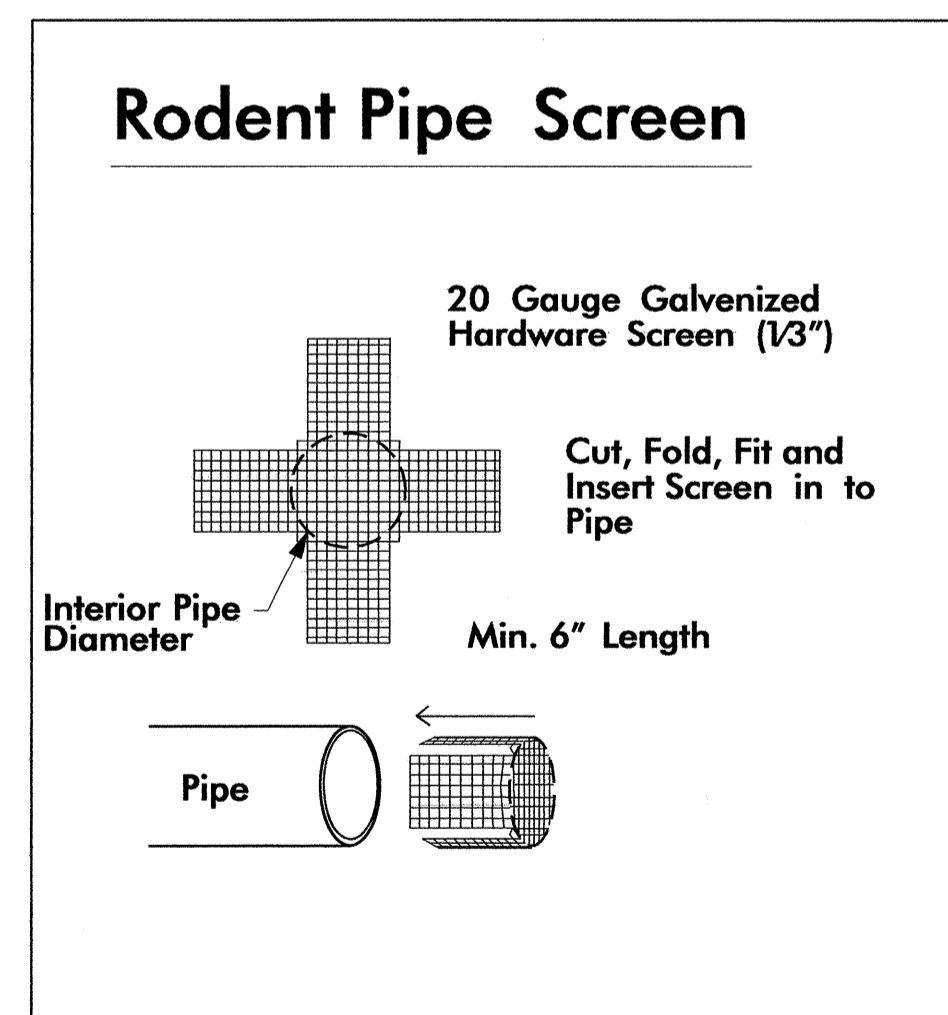


PLAN

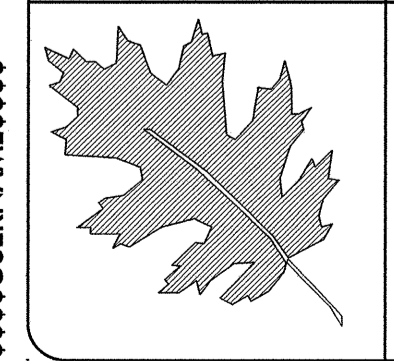


ELEVATIONS

SEGMENTED RETAINING WALL

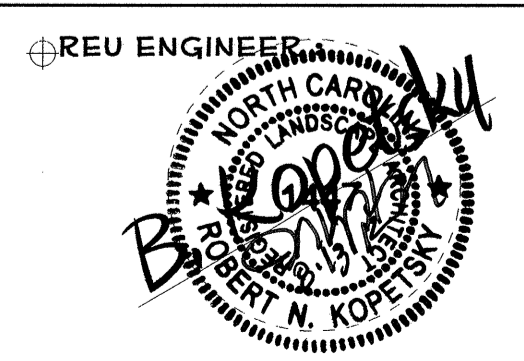


\$\$\$\$\$SYNTHESIS\$\$\$\$\$
 \$\$\$USER NAME\$\$\$\$\$



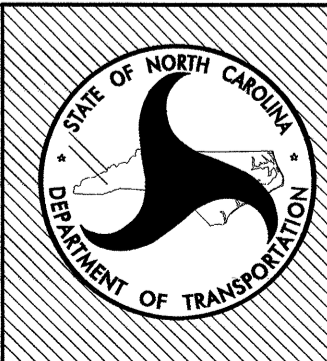
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I- 40 JOHNSTON Co
 REST AREA RENOVATION
 PROJECT #: 41533.3.1

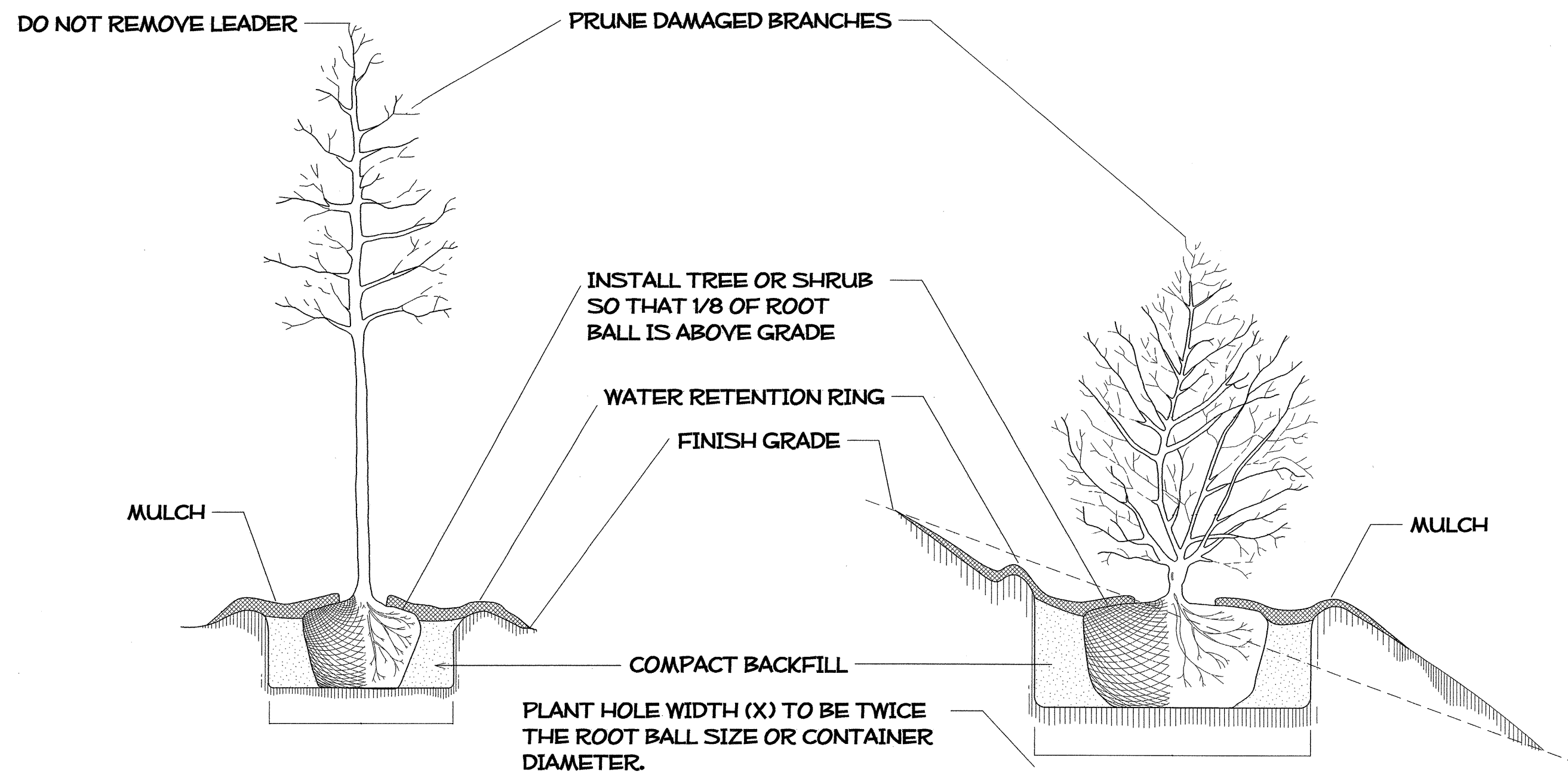


PREL. DESIGN DATE: MAY/ 2012
 CHECKED BY & DATE: DW
 FINAL DESIGN DATE: 8-14-12

REST AREA RENOVATION
 SEGMENTED RETAINING
 WALL DETAILS

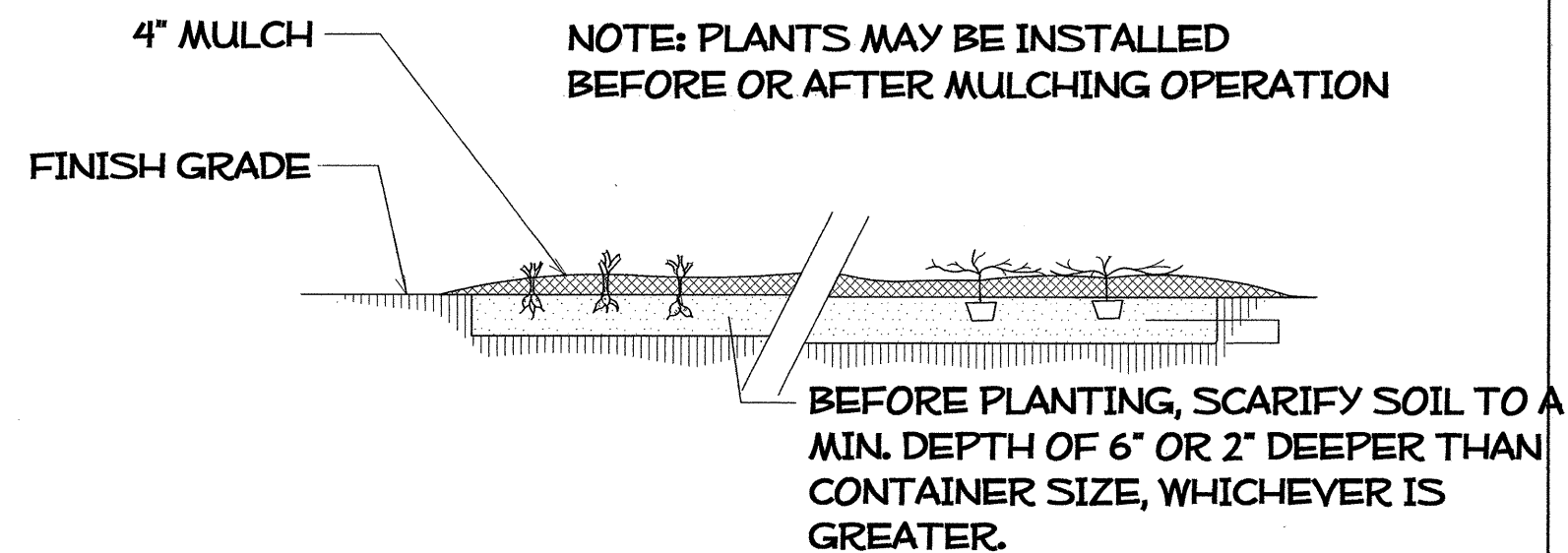


T.I.P. # K-5001
 WBS # 41533.3.1
 SHEET NO: LD-1
 TOTAL SHEET NO:

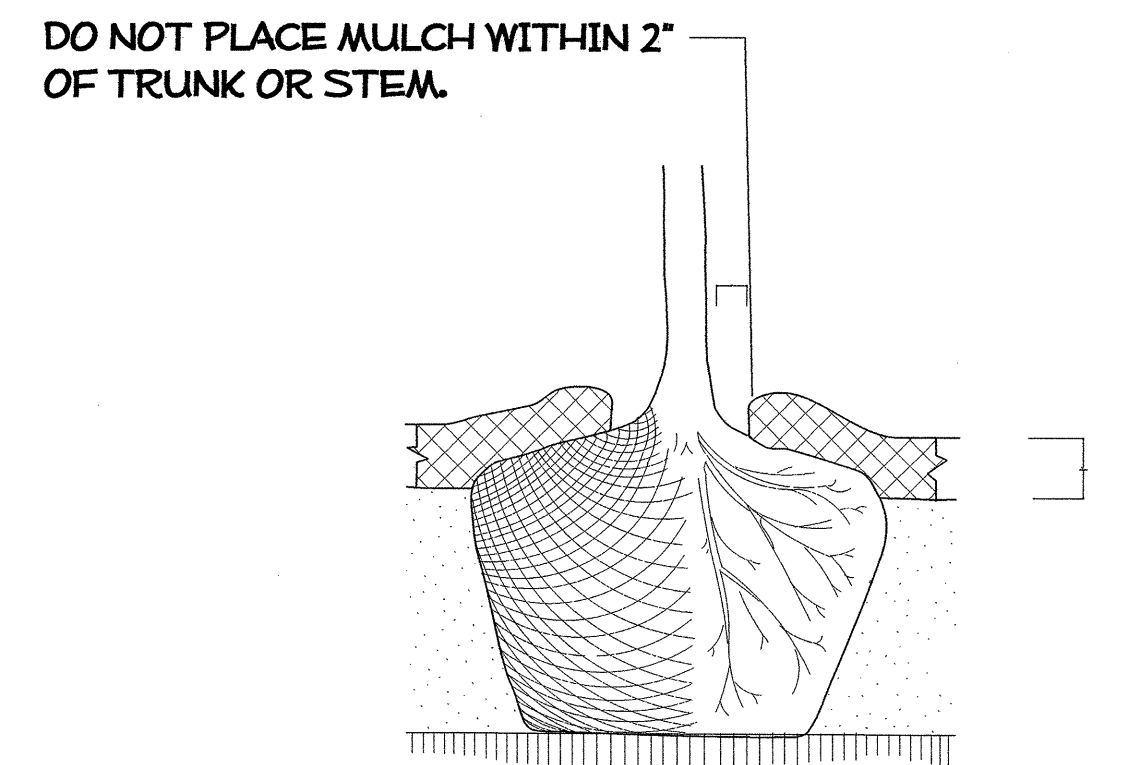


TREE OR SHRUB PLANTING DETAIL
(LEVEL GROUND)

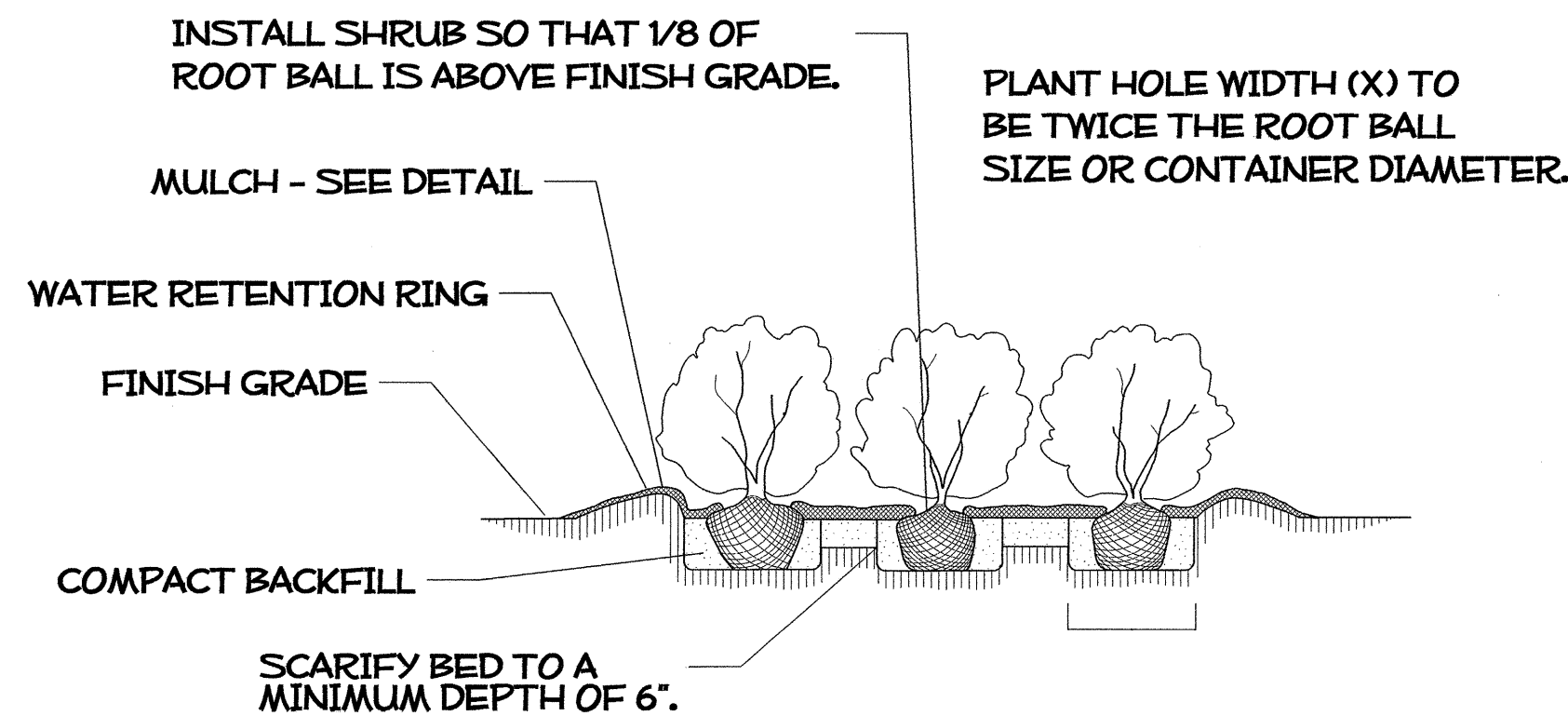
TREE OR SHRUB PLANTING DETAIL
(SLOPING GROUND)



GROUND COVER/ BEDDING PLANT DETAIL



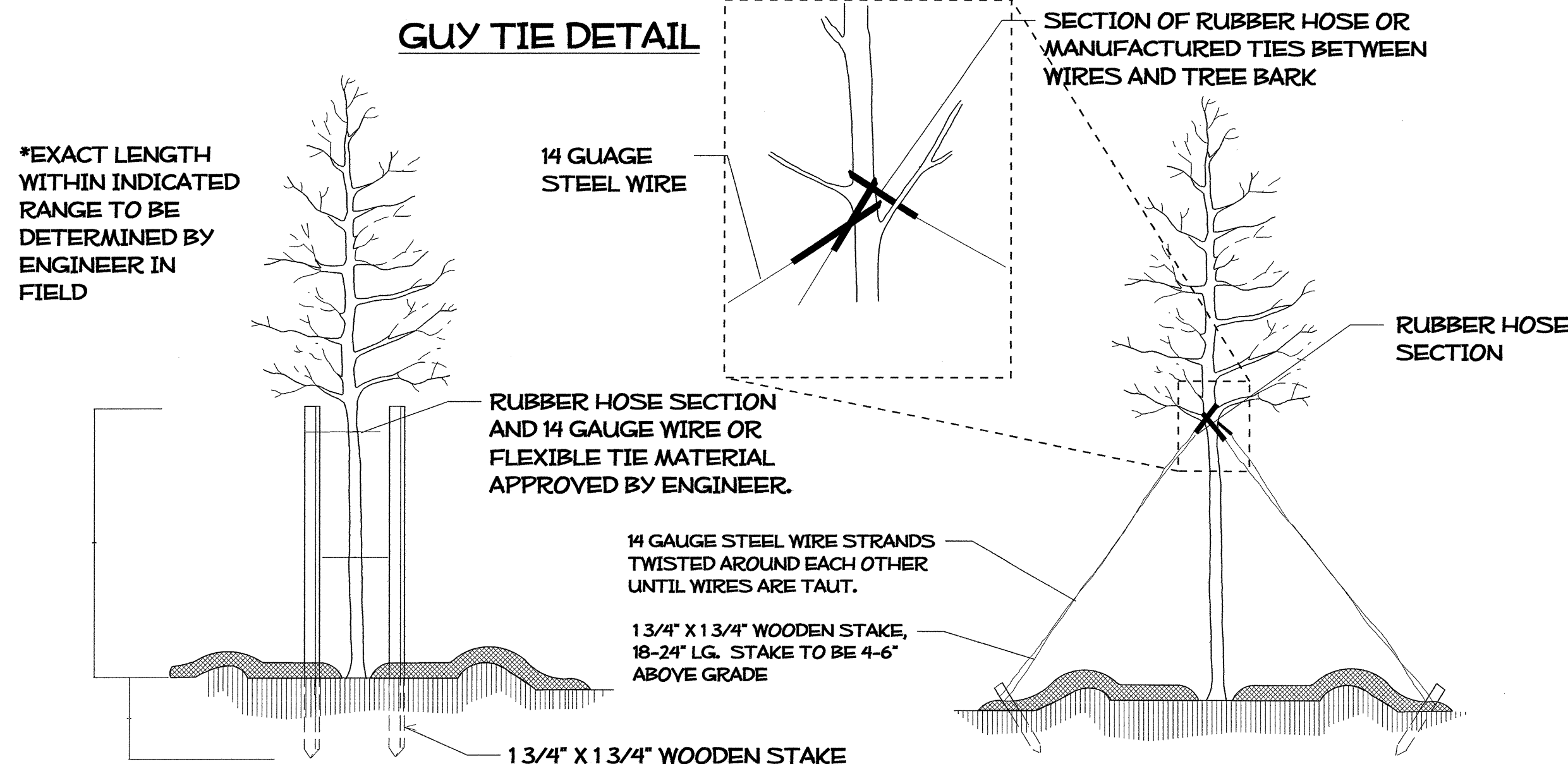
MULCH DETAIL



SHRUB BED PLANTING DETAIL

NOTES:

- SCHEDULE FOR PLANT HOLE SIZE: PLANT HOLE WIDTH (X) TO BE TWICE THE ROOT BALL SIZE OR CONTAINER DIAMETER.
- SEE STANDARD SPECIFICATIONS FOR PLANT BED FUMIGATION AND HERBICIDAL TREATMENT.
- APPLY FERTILIZER AT PLANTING TIME IN THE FORM OF A SLOW RELEASE PELLET OR TABLET. APPLY AT RATE RECOMMENDED BY MANUFACTURER. BOTH RATE AND FORMULATION MUST BE APPROVED BY FIELD ENGINEER PRIOR TO APPLICATION.
- REMOVE WIRE BASKET AND FOLD BURLAP BACK FROM TOP OF ROOT BALL BEFORE BACKFILLING IS COMPLETE.
- ALL PRUNING TO FOLLOW STANDARD ARBORICULTURAL PRACTICES AS SPECIFIED BY INTERNATIONAL SOCIETY OF ARBORICULTURE.
- DO NOT ATTEMPT TO STRAIGHTEN A TREE THAT HAS BEEN PLANTED AT AN ANGLE WITH THE USE OF STAKING OR GUYING. DIG TREE AND REPLANT TO UPRIGHT POSITION.



GUY TIE DETAIL

*EXACT LENGTH WITHIN INDICATED RANGE TO BE DETERMINED BY ENGINEER IN FIELD

RUBBER HOSE SECTION AND 14 GAUGE WIRE OR FLEXIBLE TIE MATERIAL APPROVED BY ENGINEER.

14 GAUGE STEEL WIRE STRANDS TWISTED AROUND EACH OTHER UNTIL WIRES ARE TAUT.

1 3/4" X 1 3/4" WOODEN STAKE, 18-24" LG. STAKE TO BE 4-6" ABOVE GRADE

1 3/4" X 1 3/4" WOODEN STAKE

PLAN VIEW

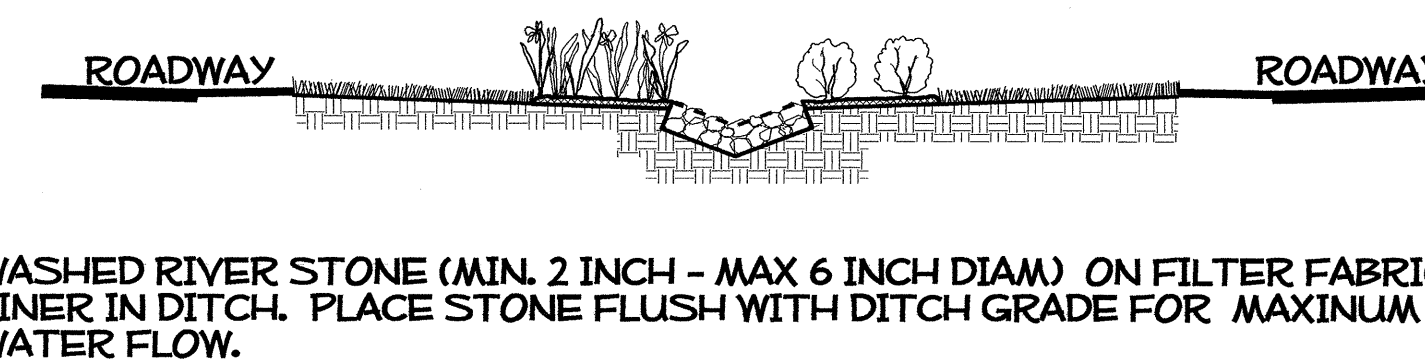
PLAN VIEW

STAKING DETAIL
(TREES 6'-10')

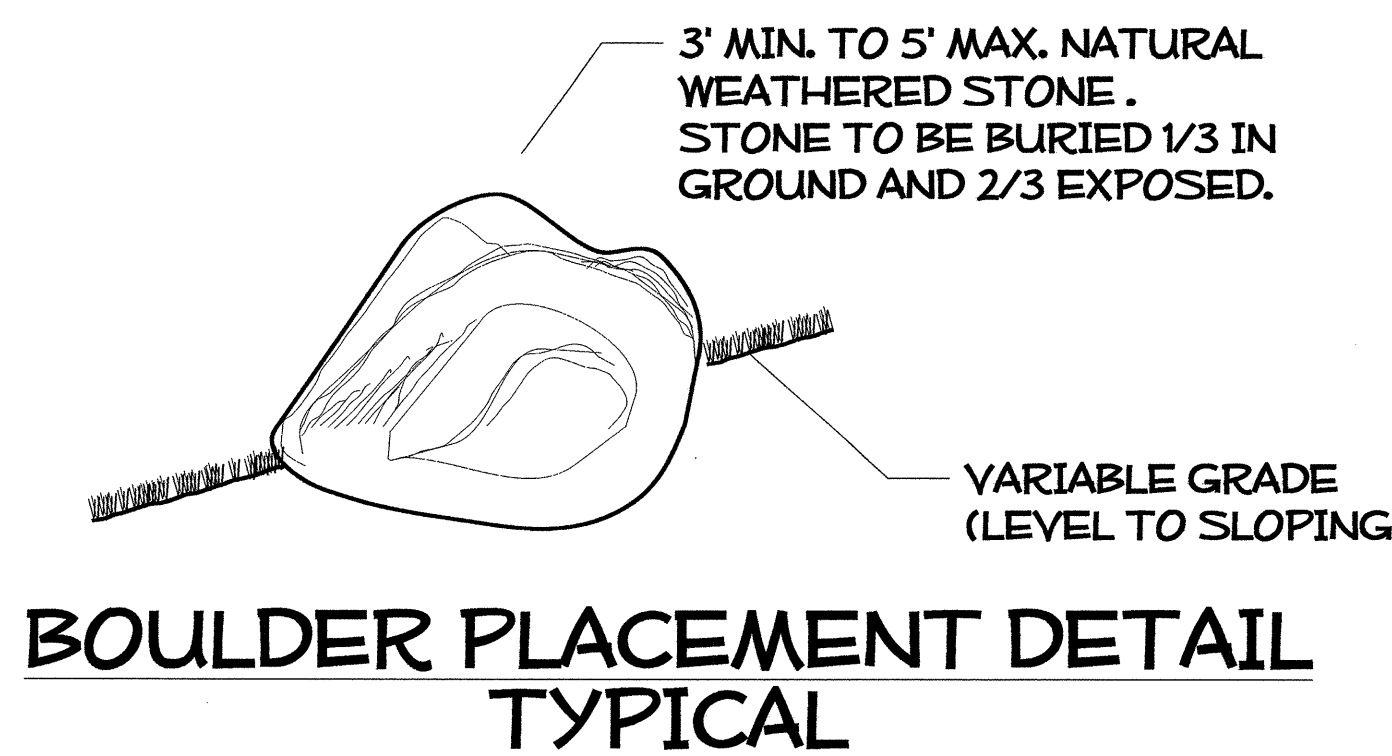
USE AS DIRECTED BY FIELD ENGINEER

GUYING DETAIL
(TREES 10' OR LARGER)

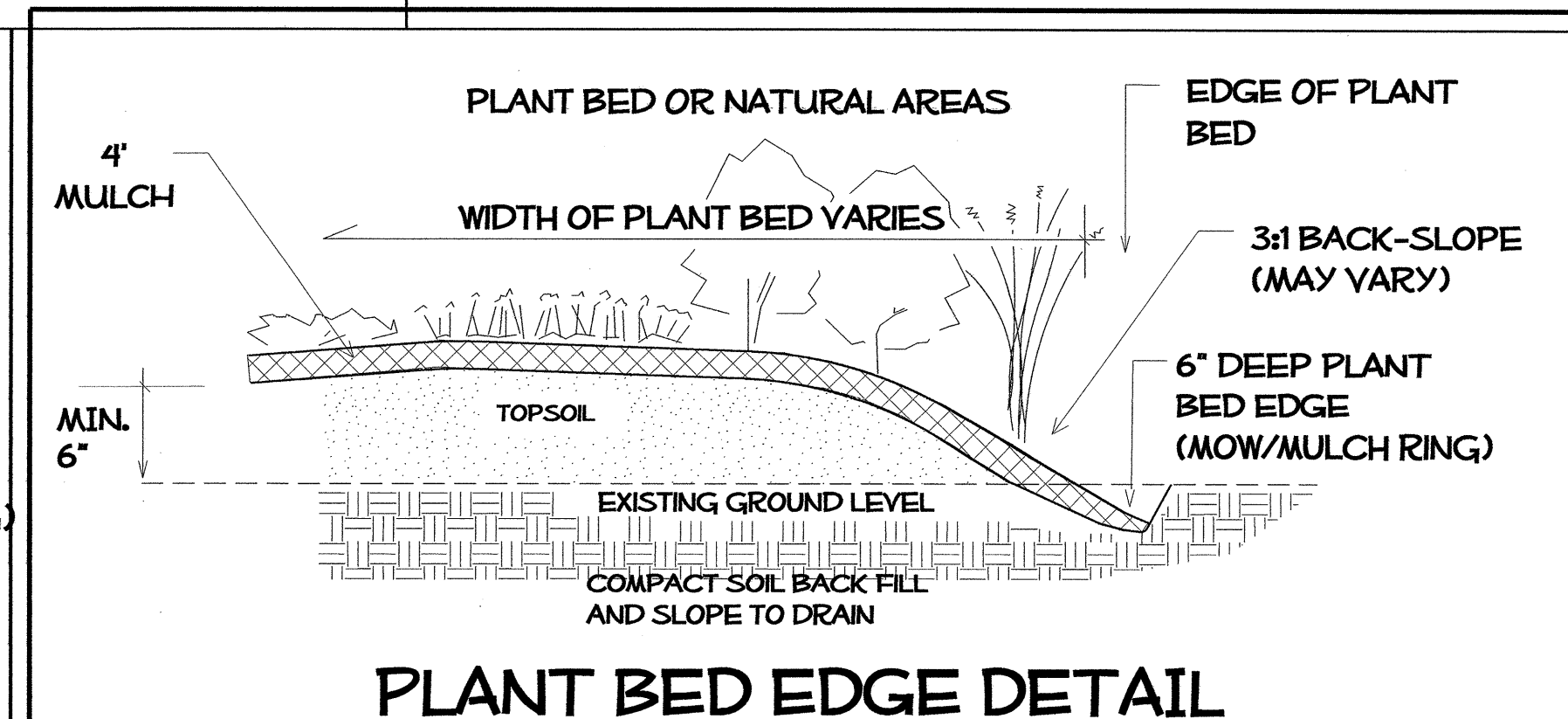
USE AS DIRECTED BY FIELD ENGINEER



RIVERSTONE DITCH LINING DETAIL

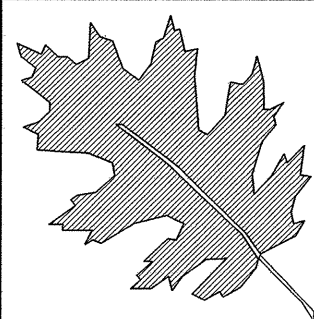


BOULDER PLACEMENT DETAIL TYPICAL



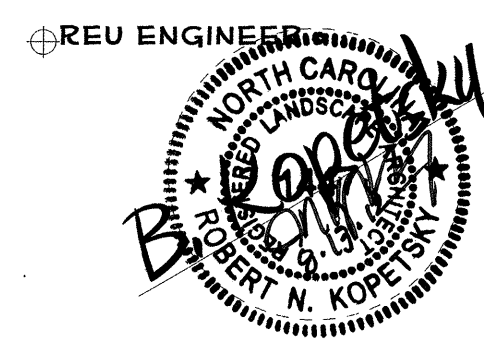
PLANT BED EDGE DETAIL

REVISIONS: 1. 08/14/12 - REVISED PER COMMENTS FROM USER NAME



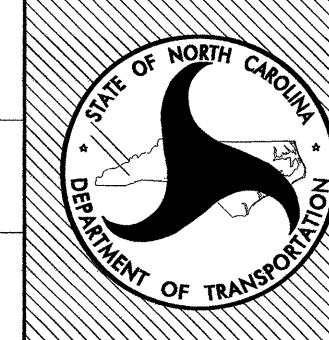
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I- 40 JOHNSTON Co
REST AREA RENOVATION
PROJECT #: 41533.3.1

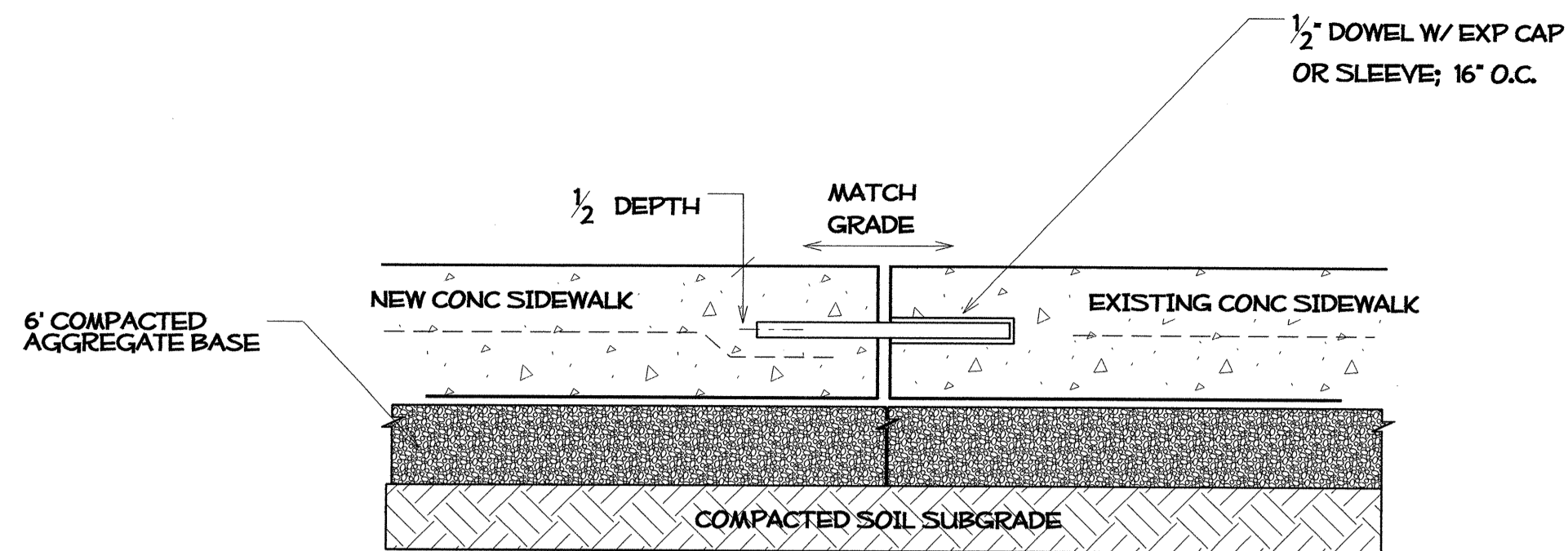


PREL DESIGN DATE: MAY/ 2012
CHECKED BY & DATE: DW
FINAL DESIGN DATE: 8-14-12

REST AREA RENOVATION
PLANTING DETAILS
PLANT BED EDGE DETAIL



T.I.P. # K-5001
WBS # 41533.3.1
FED ID. #
SHEET NO: TOTAL SHEET NO:
LD-2



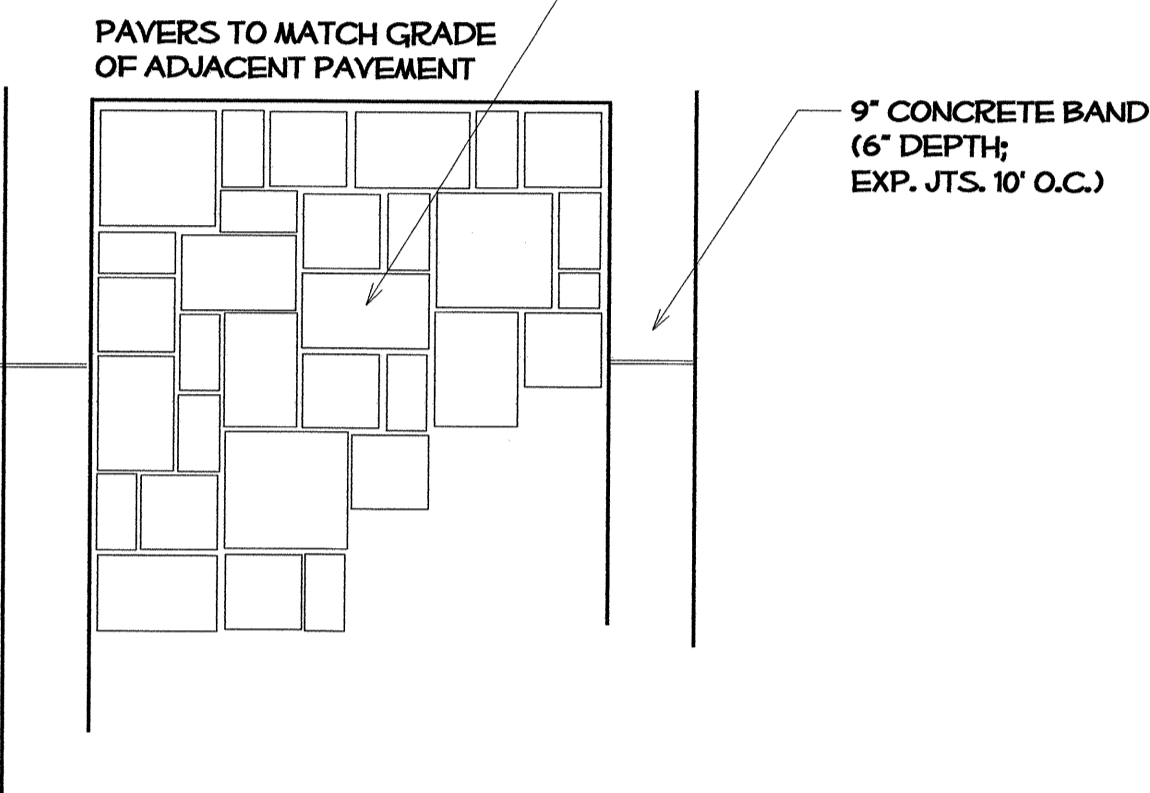
MATCHING NEW CONCRETE SIDEWALK TO EXISTING

FOR ALL LOCATIONS WHERE EXISTING SIDEWALK ADJOINS NEW CONC - CONSULT ENGINEER -

CONC
LD7

WHERE CONC SIDEWALK OR PAVERS COME TO A POINT MIN. 9" WIDTH OR FULL WIDTH OF PAYER

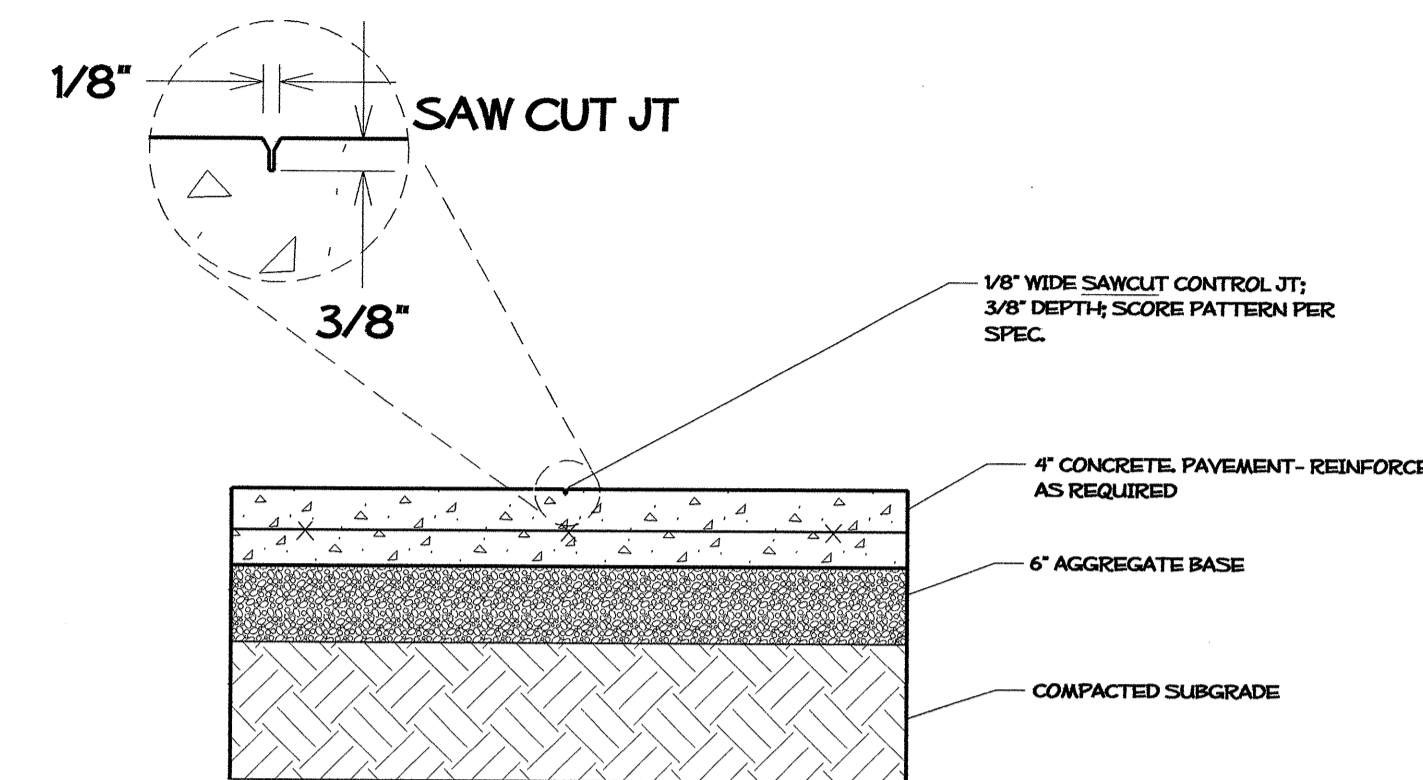
PAVER STONE - MORTARLESS PAVT SYSTEM; 4 PC INTERLOCKING PATTERN



TYPICAL PAVER PATTERN

REFER TO CP1 & CP2 NTS

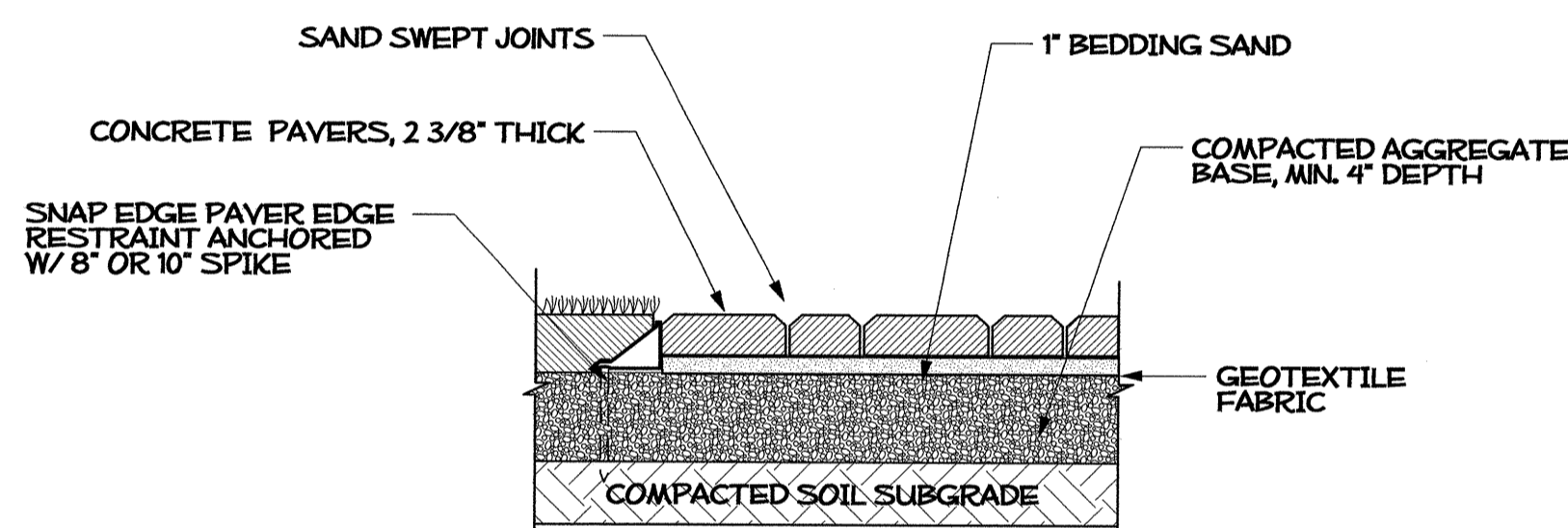
CP3
LD7



CONCRETE SIDEWALK - CONTROL JOINT

NTS

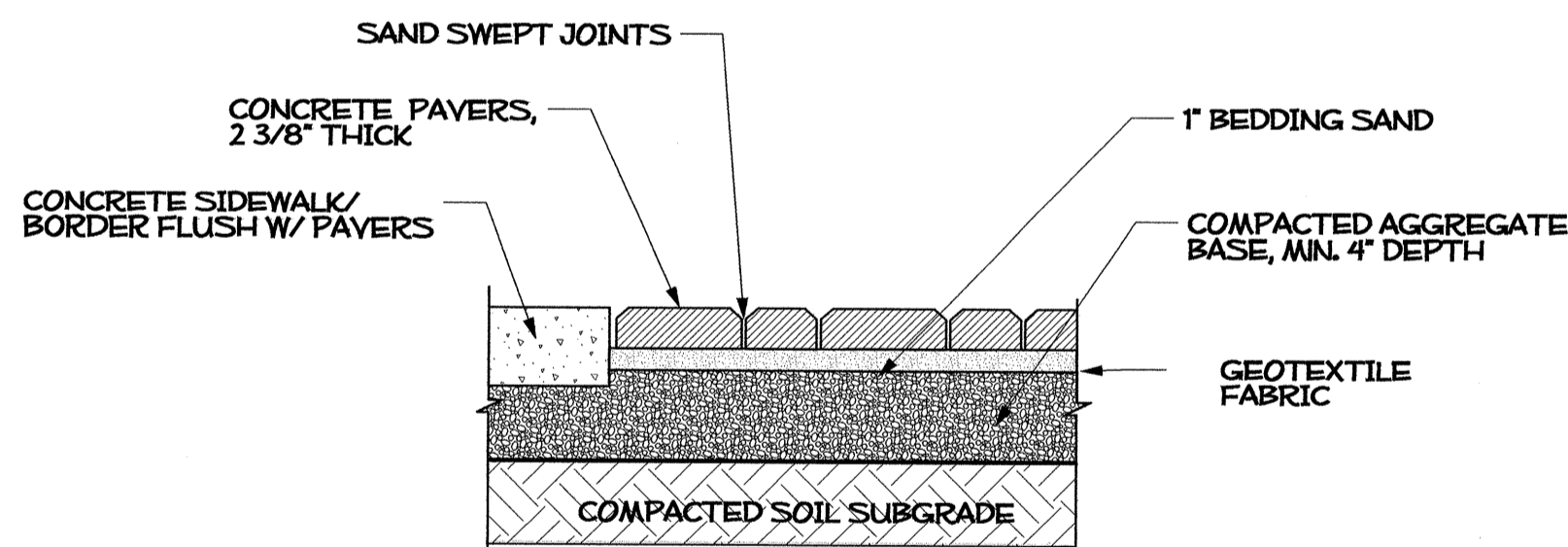
CP1
LD7



CONCRETE PAVER DETAIL A

REFER TO CP2 & CP3 NTS

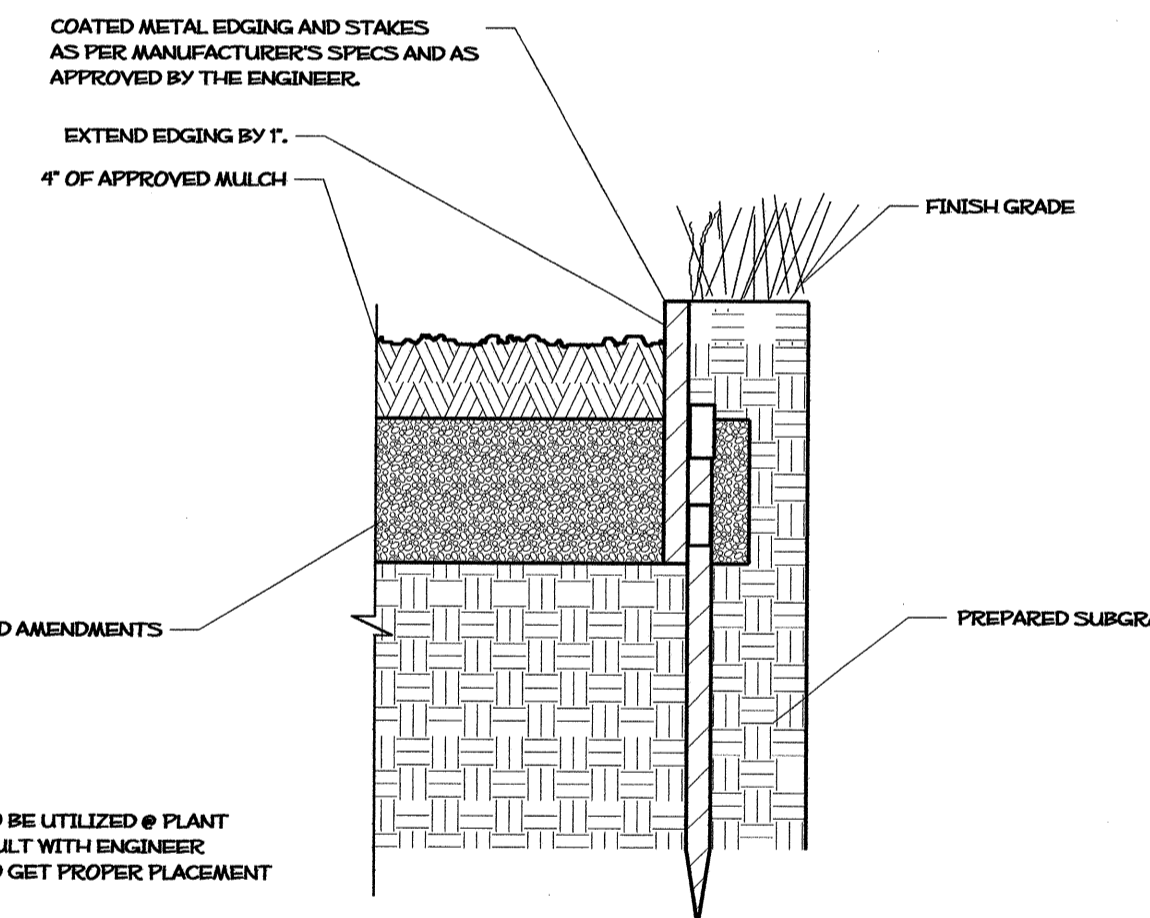
CP1
LD7



CONCRETE PAVER DETAIL B

REFER TO CP1 & CP3 NTS

CP2
LD7



METAL EDGING

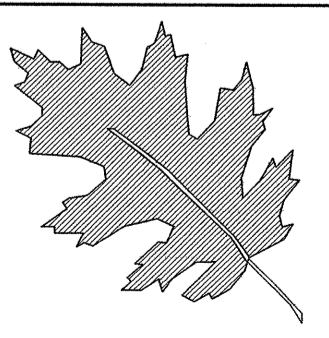
NTS

CP1
LD7

GENERAL NOTES:

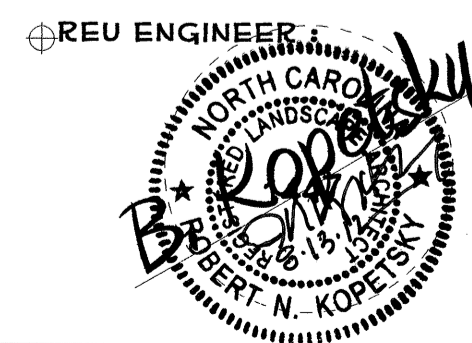
- 1) SIDEWALK AS SPECIFIED BY SITE/HARDSCAPE PLANS.
- 2) CONCRETE PAVER AREA AS SHOWN WITH 9" CAST IN PLACE CONCRETE BORDER. PAVERS TO BE A BLEND, COLOR, AND SIZE AS SPECIFIED.
- 3) STANDARD 4" THICK CONCRETE SIDEWALK; CONTROL JOINT EVERY 5' (OR AS NOTED) AND EXPANSION JOINT EVERY 30'.
- 4) ALL HARDSCAPE SURFACES SHALL BE GRADED PROPERLY TO DRAIN TO DESIGNATED LANDSCAPE AREAS OR DROP INLETS.

\$\$\$\$\$SYTIME\$\$\$\$\$
\$\$\$\$\$CDON\$\$\$\$\$
\$\$\$\$\$USERNAME\$\$\$\$\$



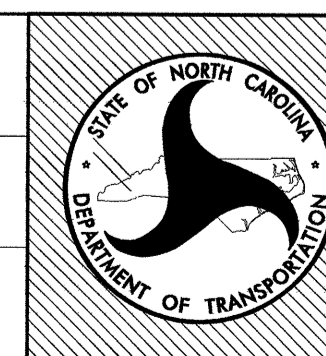
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I- 40 JOHNSTON Co
REST AREA RENOVATION
PROJECT #: 41533.3.1



SHEET DESCRIPTION:
PREL DESIGN DATE: MAY/ 2012
CHECKED BY & DATE: DW
FINAL DESIGN DATE: 8-14-12

REST AREA RENOVATION
HARDSCAPE DETAILS



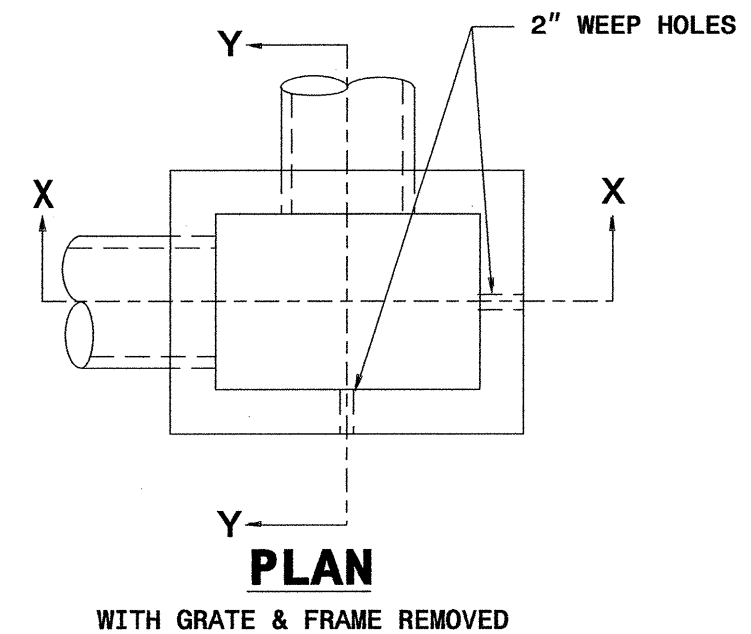
T.I.P. # K-5001
WBS # 41533.3.1
FED I.D. #
SHEET NO: LD-3
TOTAL SHEET NO:

STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

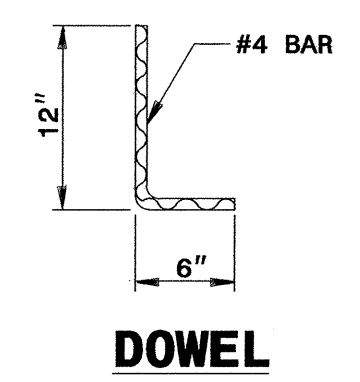
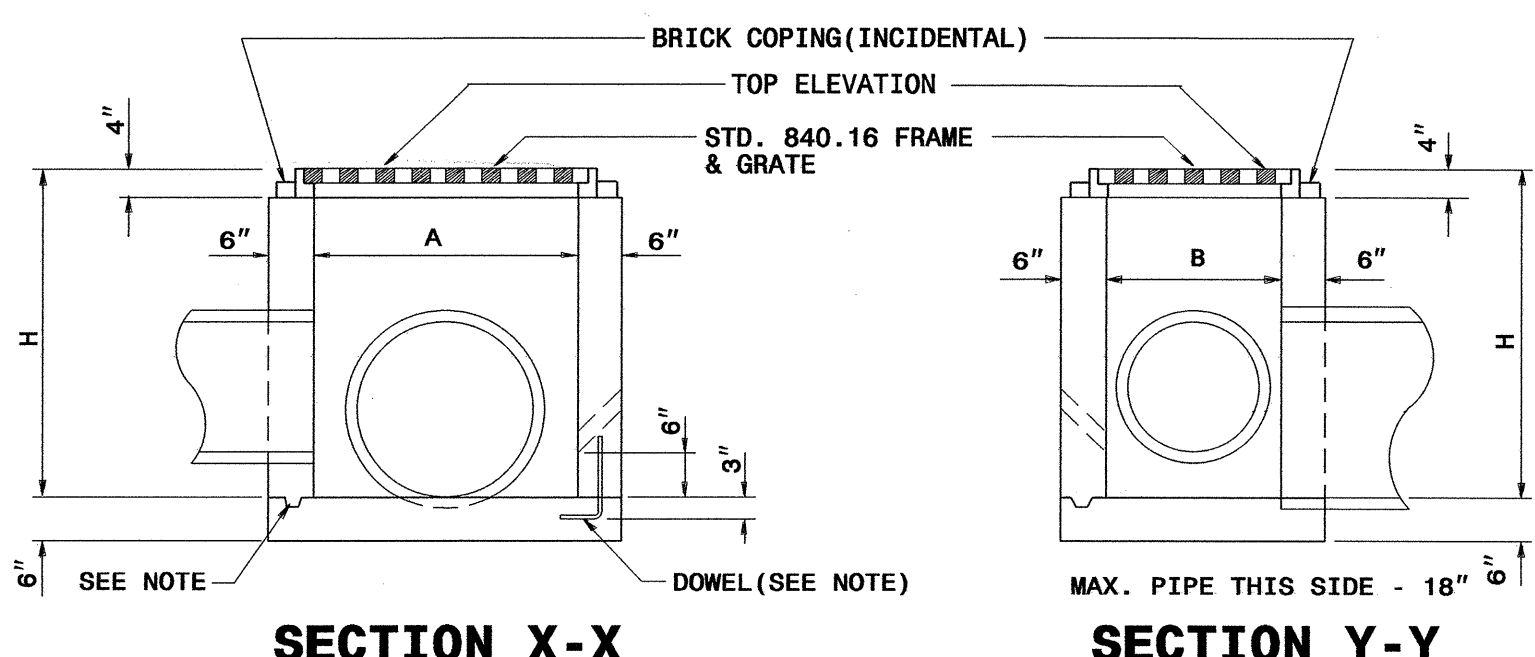
7-06

ENGLISH STANDARD DRAWING FOR
CONCRETE DROP INLET
12" THRU 30" PIPE

SHEET 1 OF 1
840.14



GENERAL NOTES:
USE CLASS "B" CONCRETE THROUGHOUT.
PROVIDE ALL DROP INLETS OVER 3'-6" IN DEPTH WITH STEPS 12" ON CENTER. USE STEPS WHICH COMPLY WITH STD. DRAWING 840.66.
OPTIONAL CONSTRUCTION - MONOLITHIC POUR 2" KEYWAY OR #4 BAR DOWELS AT 12" CENTERS AS DIRECTED BY THE ENGINEER.
USE FORMS FOR THE CONSTRUCTION OF THE BOTTOM SLAB.
IF REINFORCED CONCRETE PIPE IS SET IN BOTTOM SLAB OF BOX, ADD TO SLAB AS SHOWN ON STD. NO. 840.00.
CONSTRUCT WITH PIPE CROWNS MATCHING.
INSTALL 2" WEEPHOLES AS DIRECTED BY THE ENGINEER.
INSTALL STONE DRAINS, OF A MINIMUM OF 1 CUBIC FOOT OF NO. 78M STONE IN A POROUS FABRIC BAG OR WRAP, AT EACH WEEP HOLE OR AS DIRECTED BY THE ENGINEER.
CHAMFER ALL EXPOSED CORNERS 1".
DRAWING NOT TO SCALE.



DIMENSIONS AND QUANTITIES FOR DROP INLET (BASED ON MIN. HEIGHT, H)

DIMENSIONS OF BOX & PIPE				CUBIC YARDS CONC. IN BOX		DEDUCTIONS FOR ONE PIPE		
PIPE	SPAN	WIDTH	MIN. HEIGHT	BOTTOM SLAB	WALL PER FT. HT.	TOTAL CONCRETE FOR MINIMUM HEIGHT, H	C.M.	R.C.
12"	3'-0"	2'-0"	2'-0"	0.222	0.222	0.592	0.015	0.026
15"	/	/	2'-3"	/	/	0.648	0.023	0.036
18"	/	/	2'-6"	/	/	0.703	0.033	0.049
24"	/	/	3'-0"	/	/	0.814	0.059	0.085
30"	3'-0"	2'-0"	3'-6"	0.222	0.222	0.925	0.092	0.127

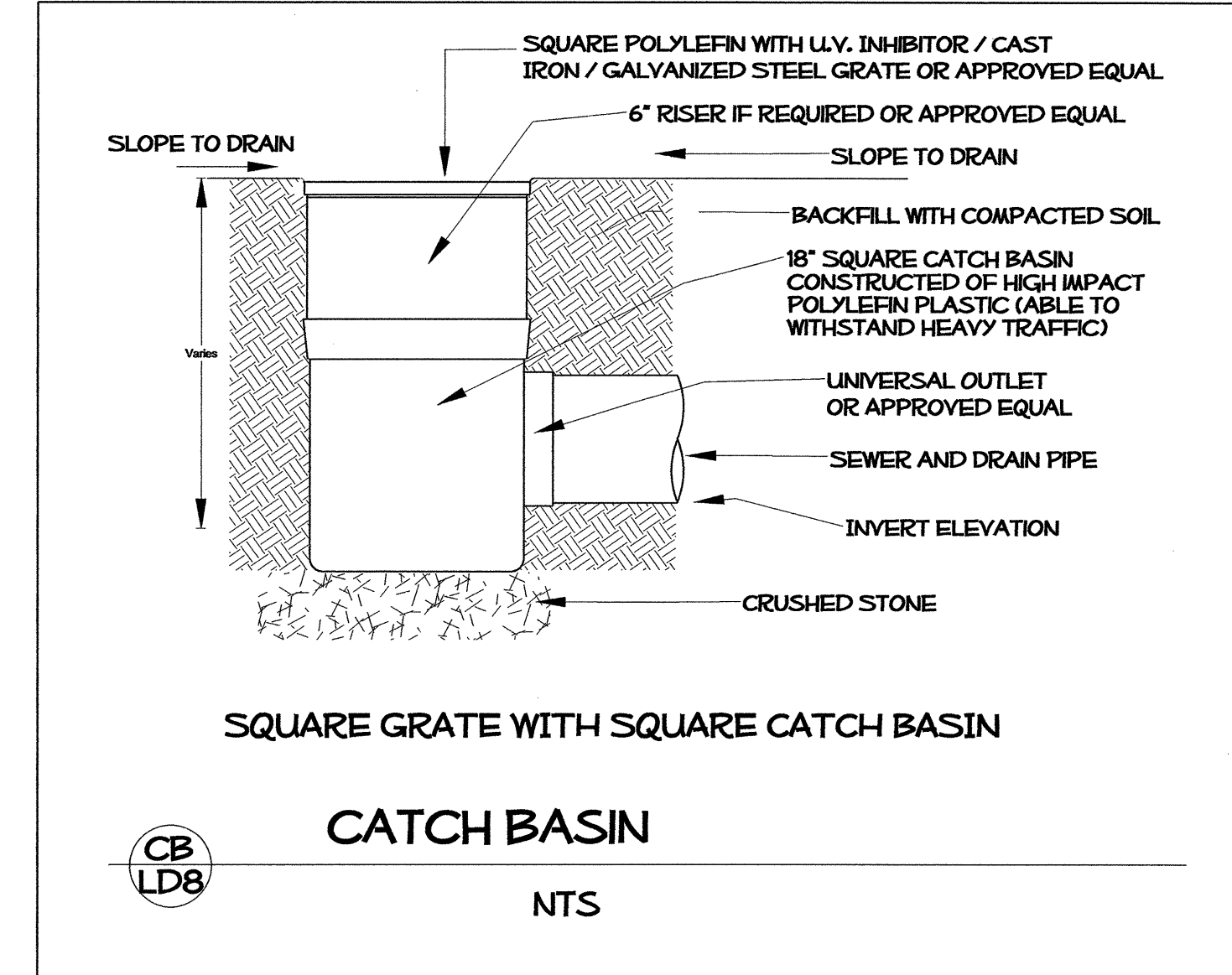
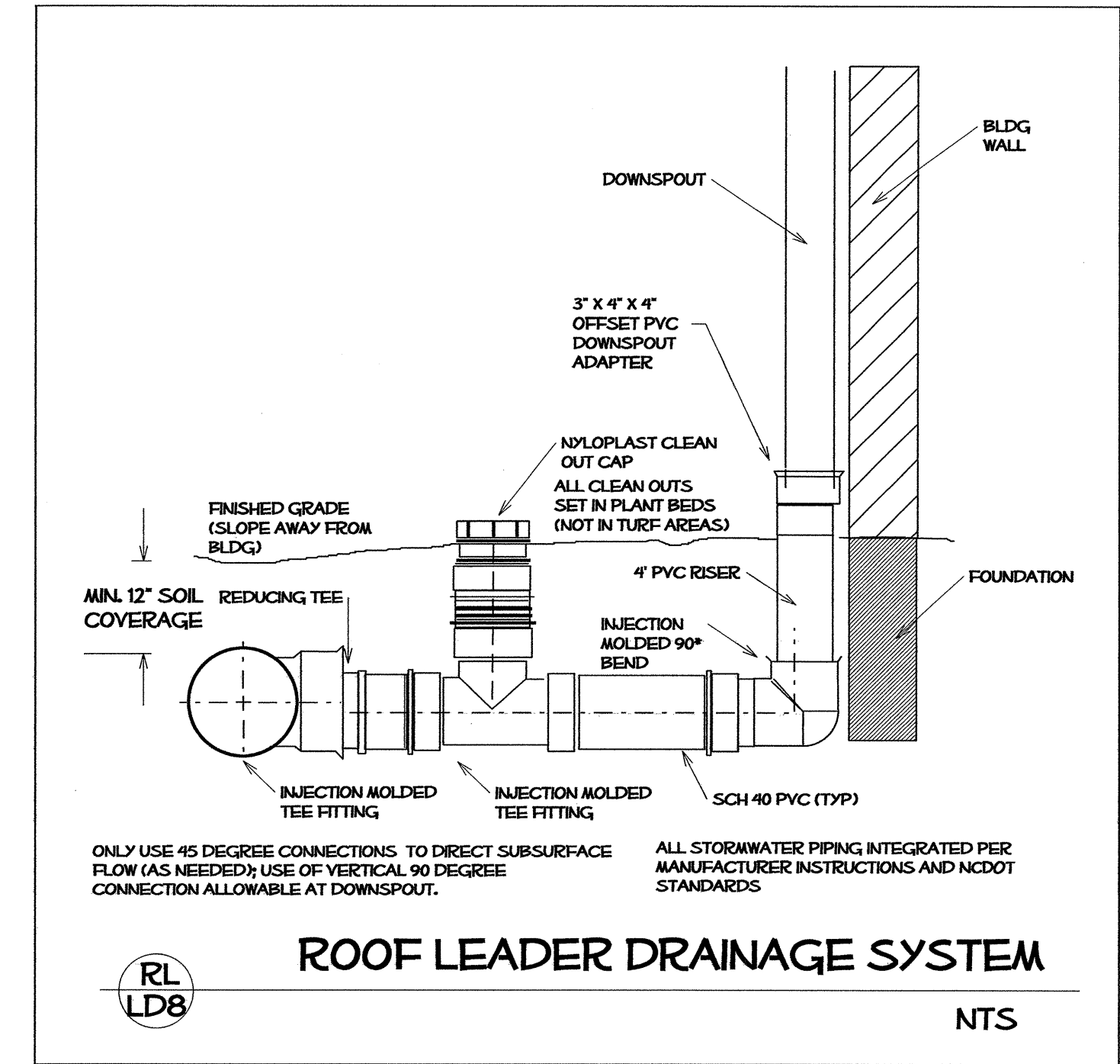
USE PEDESTRIAN GRATES IN AND AROUND REST AREA FACILITIES, RECREATIONAL AREAS, SIDEWALKS AND CURB LINES.

STATE OF NORTH CAROLINA
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DIVISION OF HIGHWAYS
RALEIGH, N.C.

7-06

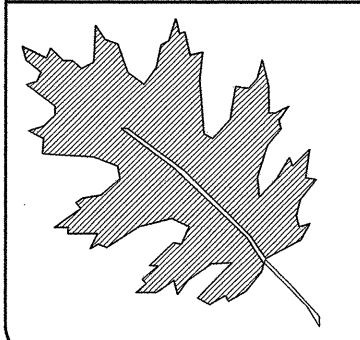
ENGLISH STANDARD DRAWING FOR
CONCRETE DROP INLET
12" THRU 30" PIPE

SHEET 1 OF 1
840.14



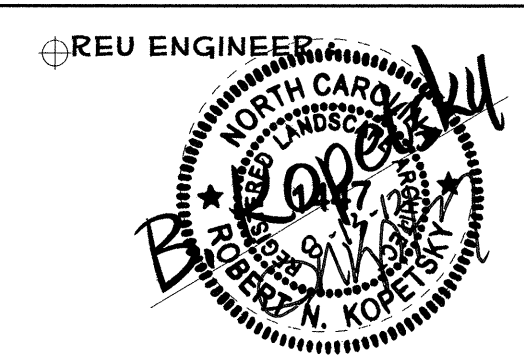
YARD INLET / JUNCTION BOX
NTS

SYSTEMS
DESIGN
SERVICES



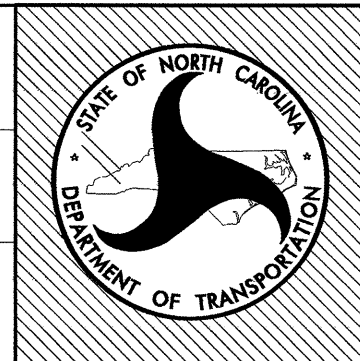
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I- 40 JOHNSTON Co
REST AREA RENOVATION
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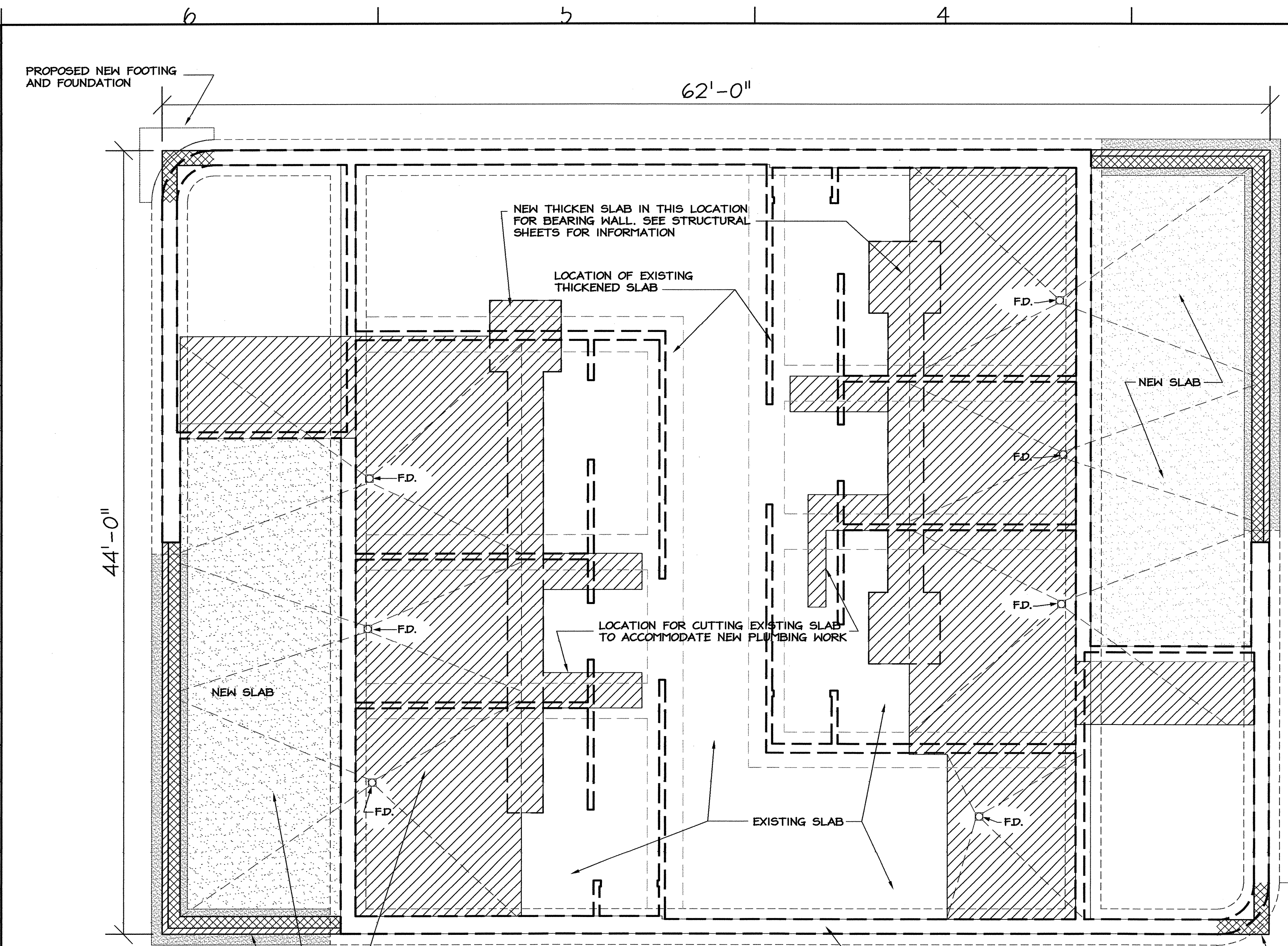


SHEET DESCRIPTION:
PREL DESIGN DATE: MAY/ 2012
CHECKED BY & DATE: [Signature]
FINAL DESIGN DATE: 8-14-12

REST AREA RENOVATION
DRAINAGE DETAILS



T.I.P. # K-5001
WBS # 41533.3.1
FED I.D. #
SHEET NO: TOTAL SHEET NO:
LD-4



PROPOSED NEW FOOTING AND FOUNDATION

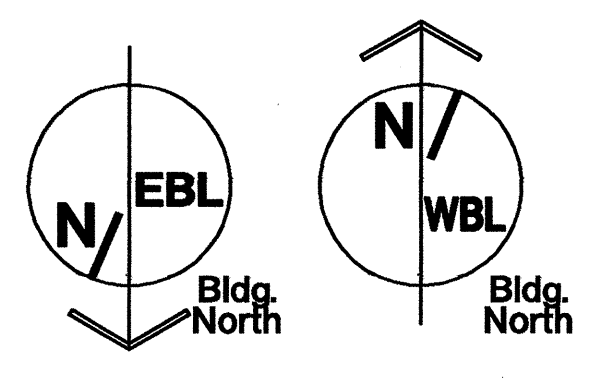
ALL STRUCTURES WILL BE DEMOLISHED DOWN TO THE EXISTING SLAB, ALL EXISTING UTILITIES (PLUMBING, ELECTRICAL, GAS LINES) SHOULD BE ADDRESSED PER THE P,M,E #/OR THE SITE UTILITIES SHEETS.

PROPOSED NEW FOOTING AND FOUNDATION

SEE SITE SHEETS FOR INFORMATION REGARDING REMOVAL & REPLACEMENT OF EXISTING SIDEWALK AROUND THE BUILDING

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

- LEGEND**
- EXISTING THICKENED CONC. SLAB CONSTRUCTION TO REMAIN
 - ▨ CONTRACTOR TO SAW-CUT & REMOVE 4" REINFORCED CONCRETE FLOOR SLAB & QUARRY TILE. COMPACT & PREP NEW GRAVEL BASE FOR NEW BUILDING PAD, ADD NEW VAPOR BARRIER.
 - ▩ NEW WALL CONSTRUCTION, FOOTING W/ 8" CMU & 4" BRICK
 - F.D. NEW FLOOR DRAIN LOCATION, SLOPE FLOOR TO DRAIN.
 - ▩ NEW CONCRETE FLOOR SLAB



GENERAL NOTES:

1. REMOVE EXISTING STUD WALLS.
2. REMOVE EXISTING MASONRY & TILE WALLS.
3. REMOVE EXISTING SOFFIT.
4. REMOVE ALL TOILET PARTITIONS, ALL FIXTURES & CAPS.
5. REMOVE TILE & CUT CONC. SLAB WHERE SHOWN.
6. EXISTING FLOOR DRAIN TO REMAIN WHERE POSSIBLE. TIE NEW DRAINS INTO EXISTING LINES (TRAP PRIMERS).

GENERAL NOTES:

1. THE P.M.E. DEMOLITION SCOPE DOES NOT REQUIRE REMOVAL OF ANY PIPE OR CONDUIT LOCATED INSIDE BUILDING AND BELOW FINISHED FLOOR ELEVATION UNLESS SPECIFICALLY NOTED OR REQUIRED TO COMPLETE OTHER WORK. UNLESS OTHERWISE NOTED, ALL DEMO'D CONDUIT AND PIPE ENTERING/EXITING FLOOR SHALL BE CUT OFF AT OR JUST BELOW FLOOR LEVEL AND PERMANENTLY SEALED IN A MANNER THAT DOES NOT INTERFERE WITH OR ADVERSELY AFFECT THE CONSTRUCTION AND FINISHES REQUIRED IN RENOVATED BLDG AND IN A MANNER THAT MEETS APPLICABLE CODE REQUIREMENTS.
 2. THE FLOOR DRAINS AND UNDERGROUND WASTE LINES SHALL REMAIN FULLY FUNCTIONAL FOLLOWING DEMOLITION AND RENOVATION.
 3. PIPE AND CONDUIT MAY BE ABANDONED IN SLAB PROVIDED PIPE IS DRAINED, WIRE IS REMOVED FROM CONDUIT, AND BOTH ARE SEALED. BOTH SHALL BE CLEARLY LABELED AS ABANDONED AT EXPOSED LOCATIONS AND AT EACH END.
 4. ALL PENETRATIONS, DAMAGE, AND OPENINGS IN WALLS, CEILINGS, ROOFS, FLOORS, OR DOORS WHICH RESULTS FROM DEMOLITION SHALL BE REPAIRED, SEALED AND FINISHED IN A MANNER WHICH IS CONSISTENT WITH THE CONSTRUCTION AND FINISHES REQUIRED FOR BUILDING RENOVATION. ALL FIRE BARRIER RATINGS SHALL BE MAINTAINED.
 5. REMOVAL OF ANY DEVICE OR EQUIPMENT INCLUDES THE REMOVAL OF ALL RELATED ELECTRICAL, PLUMBING, AND MECHANICAL SYSTEM COMPONENTS. THIS INCLUDES, BUT IS NOT LIMITED TO, MOUNTING BOLTS, CLAMPS, SUPPORTS, FASTENERS, WIRING (UP TO CIRCUIT BREAKER), CONDUIT (UP TO FEEDER PANEL), SWITCHES, DISCONNECTS, CONTROLS, DUCT, DAMPERS, REGISTERS, GRILLS, DIFFUSERS, PIPE, VALVES, INSULATION, ETC. ASSOCIATED WITH THAT DEVICE UNLESS SPECIFICALLY NOTED OTHERWISE. PROVIDE ALL PLUMBING VALVES TO OWNER REP. (G. HARRELL OR HIS DESIGNEE).
 6. GENERAL CONTRACTOR (GC) HAS OVERALL RESPONSIBILITY FOR COORDINATING DEMOLITION AND COMPLETING ALL DEMOLITION. TRADE RESPONSIBILITY FOR SPECIFIC DEMOLITION SCOPE/TASKS SHALL BE THE SAME CONTRACTOR/TRADE WHO WOULD BE RESPONSIBLE FOR INSTALLING/RENOVATING SIMILAR ITEMS AS PER THIS PROJECTS DESIGN PLANS AND SPECIFICATIONS.
 7. CONTRACTOR IS RESPONSIBLE FOR COORDINATION WITH LOCAL UTILITIES.
- A. EQUIPMENT DEMOLITION**
REMOVE AIR HANDLER (AHU), CONDENSER, EXHAUST FAN, HEATER(S) (INCLUDING ANY BASEBOARD OR DUCT HEATERS), AND ELECTRIC WATER COOLER (EWC). THE CONDENSER SHALL BE PROVIDED TO OWNER (G. HARRELL OR HIS DESIGNEE)
- B. COLD WATER (CW) SUPPLY & DISTRIBUTION**
EXISTING WATER SUPPLY RISER ENTERS BLDG AT THIS LOCATION. REMOVE ALL EXISTING CW PIPING AND COMPONENTS BEYOND APPROXIMATE 6' ABOVE MECHANICAL ROOM FLOOR. SEE PLUMBING RISER (SUPPLY WATER & BACKFLOW PREVENTER DETAIL) ON DRAWING. CW PIPING REMOVAL INCLUDES ALL PIPING TO ELEC. WATER HEATER (EWH), URINALS, WATER CLOSETS, BATHROOM SINKS, ELECTRIC WATER COOLER (EWC), HOSEBIBBS, ETC. IN EXISTING BUILDING.
- C. ELECTRIC WATER HEATER (EWH), HOT WATER (HW) PIPE, AND TEMPERED WATER (TW) PIPE**
BOTH EWH'S (EAST & WEST BOUND) WILL BE REMOVED, INCLUDING ALL PIPE. SOUTHBOUND EWH SHALL BE PROVIDED TO OWNER'S REP. (G. HARRELL OR DESIGNEE). REMOVE PIPING AND DEVICES FOR HW SUPPLY AND TEMPERED WATER BETWEEN EWH AND ALL OTHER PLUMBING FIXTURES IN BUILDING. THIS INCLUDES REMOVAL OF ALL PIPING TO AND FROM SOLAR COLLECTION/PANEL SYSTEM.
- D. PLUMBING FIXTURES**
REMOVE ALL SINKS, URINALS, WATER CLOSETS, HOSE BIBBS, ETC. IN MEN'S AND WOMEN'S BATHROOMS INCLUDING ALL PLUMBING PIPE, VALVES, FIXTURES, AND THEIR SUPPORTS / CARRIERS. SEE SEPARATE NOTES FOR PIPING FOR CW, HW, WASTE, AND VENTS.
- E. WASTE & VENT PIPING**
E.1 REMOVE ALL EXPOSED WASTE & VENT LINES IN ROOMS AND IN ATTIC. ALL EXISTING VTR'S TO BE REMOVED.
E.2 PERMANENTLY PLUG EXISTING WASTE LINES FROM WATER COOLERS (EWC), BATHROOM SINKS, WATER CLOSETS, AND URINALS CONSISTENT WITH REQUIREMENTS FOR FINAL WALL AND FLOOR FINISHES WHEN BUILDING IS RENOVATED. WASTE LINES SHALL BE PLUGGED BELOW FLOOR LEVEL WHERE THEY ENTER FLOOR INSIDE A ROOM (INCLUDING PIPE CHASE ROOMS). OTHERWISE, THEY SHALL BE PLUGGED IN WALLS.
- F. ELECTRICAL - LIGHTING & MISCELLANEOUS**
F.1 DO NOT REMOVE EXTERIOR AREA LIGHTING SUPPLIED FROM EXTG PANEL "A". IT REMAINS ON PANEL "A" (SEE DRAWING VE-2).
F.2 UNLESS NOTED OTHERWISE, REMOVE ALL INTERIOR LIGHTING, EXTERIOR PENDANT LIGHTING, EXIT SIGNS, EMERGENCY LIGHTING, AND OTHER MISCELLANEOUS LIGHTING & DEVICES INSTALLED INSIDE THIS BUILDING OR MOUNTED ON THE EXTERIOR OF THIS BUILDING.
F.3 UNLESS OTHERWISE NOTED, REMOVE ALL MISCELLANEOUS ELECTRICAL DEVICES INCLUDING ELECTRIC HAND DRYERS, ELECTRICAL OUTLETS, AUTOMATIC FLUSH DEVICES, AND SINK FAUCET CONTROLS
F.4 DO NOT REMOVE EXISTING PHONE SERVICE, WIRING, DEVICES, OR JACKS FROM THIS BUILDING.
- G. SOLAR COLLECTION SYSTEM FOR WATER HEATING**
REMOVE ALL SOLAR PANELS FROM ROOF INCLUDING ALL PIPING & VALVES. REMOVE ALL PUMPS, HEAT EXCHANGERS, TANKS, CONTROLS, EQUIPMENT, THERMOSTATS, INSULATION, PENETRATIONS, TANKS, ETC. FROM BLDG.

PROJECT: **I-40 REST AREA**
JOHNSTON COUNTY NORTH CAROLINA

ARCHITECT/ENGINEERS: **FACILITIES DESIGN**
FACILITIES MANAGEMENT DIVISION, NCDOT
1 SOUTH WILMINGTON STREET
RALEIGH, NORTH CAROLINA 27601
(919) 707-0400 FAX (919) 715-0399

DRAWING TITLE: **DEMOLITION PLAN AND NOTES**

DRAWN BY: CLS, RA, DB CHECKED BY: V. BUZARD ISSUE DATE: 06/25/2012

SEAL: VICTOR M. BUZARD, REGISTERED ARCHITECT, 42410, 7-24-12, NORTH CAROLINA, RALEIGH, N.C.	TIP. PROJ. NO. K-5001	WBS. NO. 41533.3.1	CONTRACT ID NO. -	FEDERAL - AID NO. IMS-040-5(49)325
NO.	REVISIONS/SUBMISSIONS	DATE	SHEET NO. A1 OF 11	

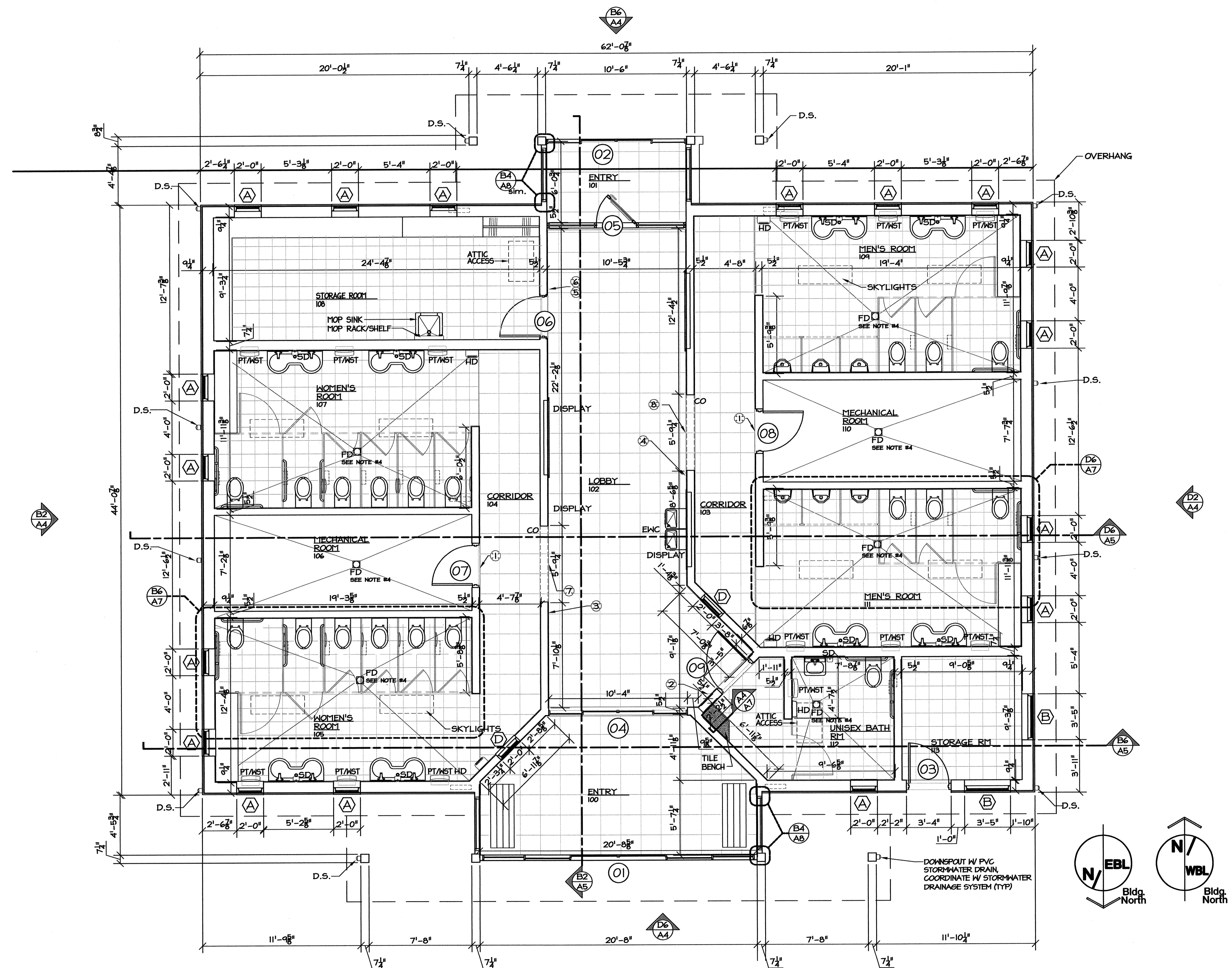
6 5 4 3 2

GENERAL NOTES:

1. USE THIN-SET TILE INSTALLATION AT CONCRETE FLOORS & TILE BACKER PANELS AT WOOD STUD WALLS.
2. INTERIOR ELEVATIONS FOR WOMEN 105 & MEN 109 SIMILAR TO ADJACENT ROOMS 107 & 101 RESPECTIVELY.
3. PROVIDE 5/8" DRYWALL @ ALL CEILING/ ROOF JOIST EXCEPT VESTIBULES 100, 101, LOBBY 102 AND CORRIDORS 103 & 104.
4. ALL FINISHED FLOOR ELEVATIONS F.F.E. ARE 100'-0" FOR BLDG. REF. ELEV. ONLY AND ALL FLOOR DRAINS SHALL BE SET AT 99'-10 1/2".
5. ALL EXTERIOR WOOD STUDS SHALL BE 2x10'S @ 16" O.C., ALL INTERIOR WALLS ARE 2x6'S @ 16" O.C. / EXCEPT @ LAVATORY WALLS ARE 2x8'S @ 16" O.C. PROVIDE TOILET ACCESSORY BLOCK-OUTS PER ELEVATIONS.
6. INSIDE DIMENSIONS ARE TO THE FACE OF THE FRAMING. SEE DETAIL A6/A5 FOR WALL TYPE DIFFERENCES.
7. PROVIDE MIN. 34" CLEAR OPENING TOILET PARTITION DOOR W/ PILASTERS @ INTERIOR OF RESTROOM 112. PROVIDE SOLID WOOD BLOCKING FOR ALL TOILET PARTITIONS & ACCESSORIES.
8. THE SKYLIGHT LOCATIONS SHOWN SHOULD BE COORDINATED WITH THE WOOD JOIST LOCATIONS (ON THE STRUCT. SHEETS) AND THE LIGHT LOCATIONS (ON THE ELECT. SHEETS).
9. SEE SHEET A-7 FOR BATHROOM ACCESSORY LOCATIONS & INFORMATION, HAND DRYER (HD) AND SOAP DISPENSER (SD) LOCATIONS CAN BE FOUND ON THIS SHEET.
10. SEE SIGN SECTIONS 10425 FOR FIRE EXTINGUISHER SIGN OF THE SPEC.
11. CAULK ALL INSIDE CORNERS AT TILE WALLS.
12. SEE SHEETS A9 THROUGH A15 FOR FINISH APPLICATION, SEE SPECIFICATIONS FOR EQUAL OR COMPETITIVE MANUFACTURERS OF FINISHES.

SIGNAGE

- ⊕ MECHANICAL
- ⊙ FAMILY ROOM
- ⊙ WOMEN
- ⊙ MEN
- ⊙ Fire extinguisher is located inside storage room
- ⊙ STORAGE
- ⊙ <WOMEN>
- ⊙ <MEN>



A4 FLOOR PLAN
A2 SCALE: 1/4" = 1'-0"

NOTE:
 INSIDE DIMENSIONS ARE TO THE FACE OF FRAMING.
 SEE SHEETS A9 - A15 FOR INTERIOR ELEVATIONS.
 SEE A6/A6 FOR WALL TYPES AND SIZES.

PROJECT:
I-40 REST AREA
 JOHNSTON COUNTY NORTH CAROLINA

ARCHITECT/ENGINEERS:
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DRAWING TITLE:
FLOOR PLAN AND NOTES

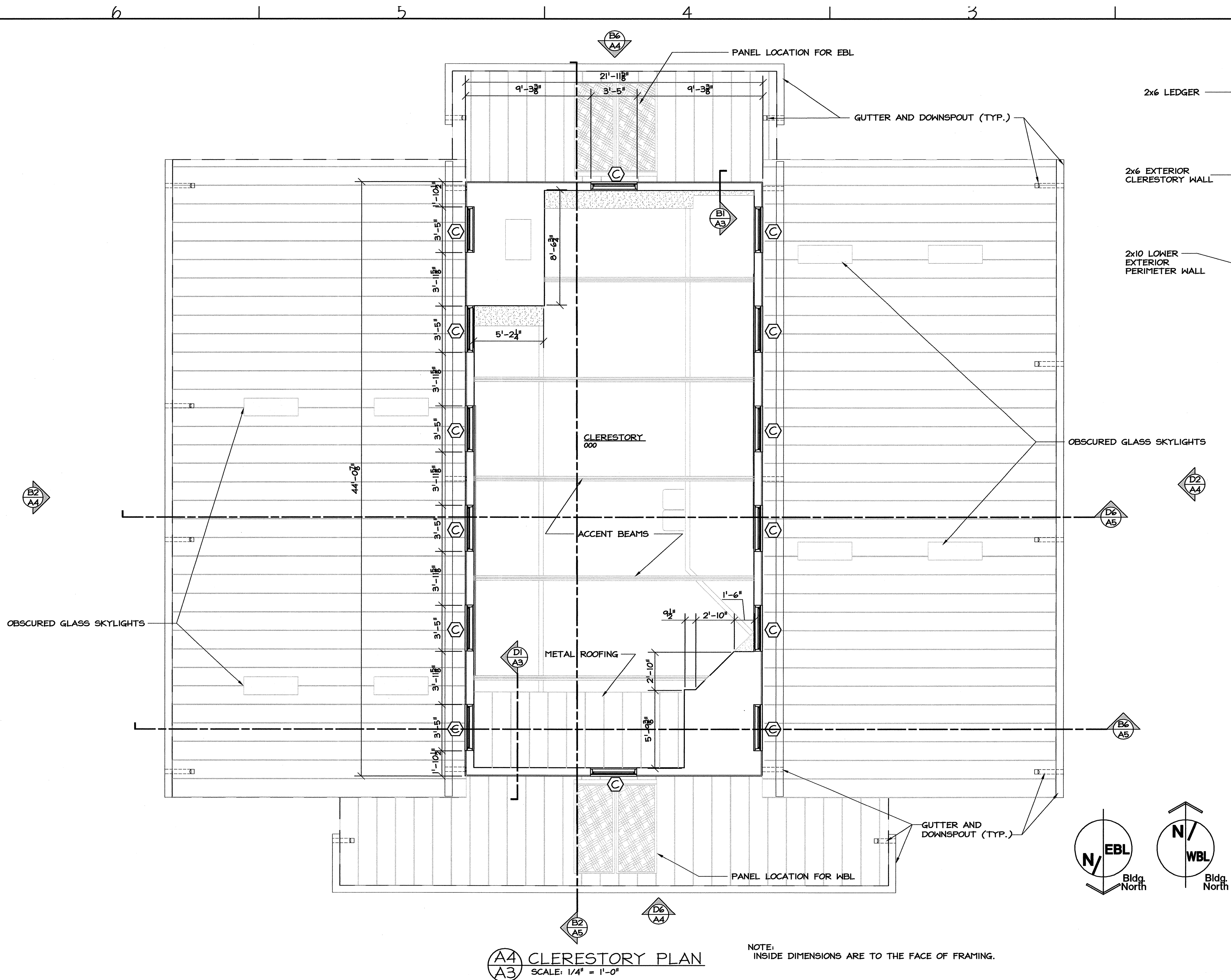
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SEAL: **VICTOR M. BUZARD**
 REGISTERED ARCHITECT
 4-24-08
 b-7-12
 NORTH CAROLINA
 RALEIGH, N.C.

TIP. PROJ. NO.	WBS. NO.	CONTRACT ID NO.	FEDERAL- AID NO.
K-5001	41533.3.1	-	IMS-040-5(49)325

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OF 11

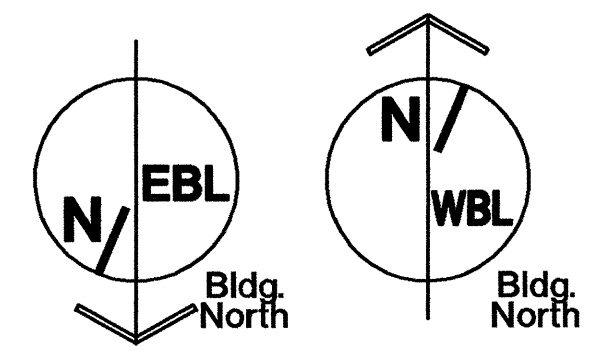


A4
A3 CLERESTORY PLAN
SCALE: 1/4" = 1'-0"

NOTE: INSIDE DIMENSIONS ARE TO THE FACE OF FRAMING.

D1
A3 SECTION @ INTERIOR ROOF
SCALE: 1" = 1'-0"

B1
A3 CANT BLOCK DETAIL
SCALE: 3" = 1'-0"



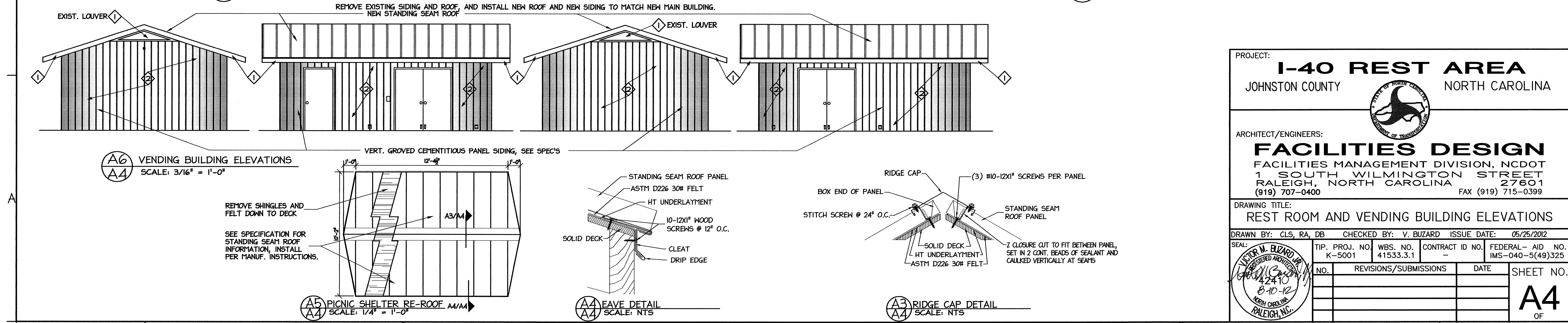
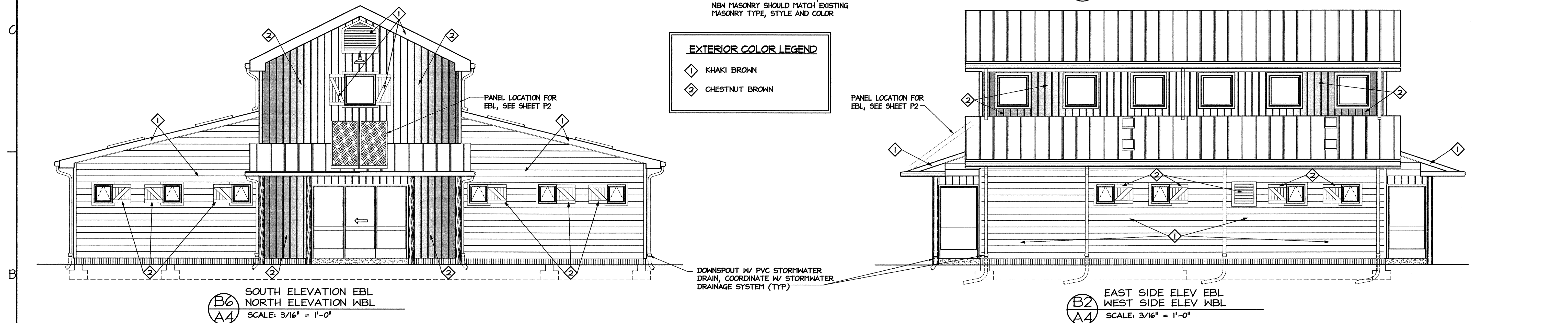
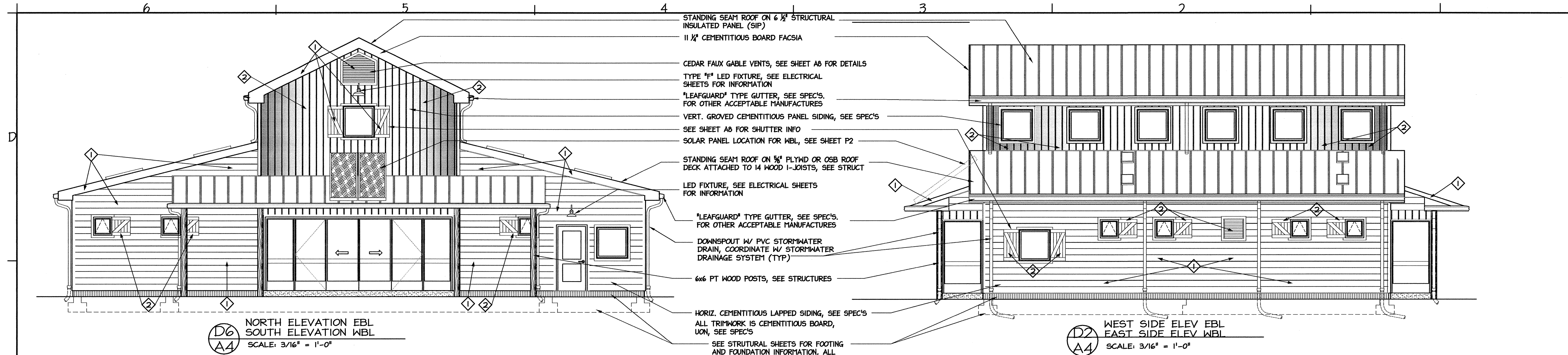
PROJECT:
I-40 REST AREA
JOHNSTON COUNTY NORTH CAROLINA

ARCHITECT/ENGINEERS:
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FACILITIES MANAGEMENT DIVISION, NCDOT
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RALEIGH, NORTH CAROLINA 27601
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DRAWING TITLE:
CLERESTORY PLAN, SECTION DETAILS

DRAWN BY: CLS, RA, DB CHECKED BY: V. BUZARD ISSUE DATE: 05/25/2012

SEAL: VICTOR M. BUZARD REGISTERED ARCHITECT 4241 7-20-12 NORTH CAROLINA RALEIGH, N.C.	TIP. PROJ. NO. K-5001	WBS. NO. 41533.3.1	CONTRACT ID NO. -	FEDERAL- AID NO. MS-040-5(49)325
NO.	REVISIONS/SUBMISSIONS	DATE	SHEET NO. A3 OF 11	



PROJECT:
I-40 REST AREA
JOHNSTON COUNTY NORTH CAROLINA

ARCHITECT/ENGINEERS:
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RALEIGH, NORTH CAROLINA 27601
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DRAWING TITLE:
REST ROOM AND VENDING BUILDING ELEVATIONS

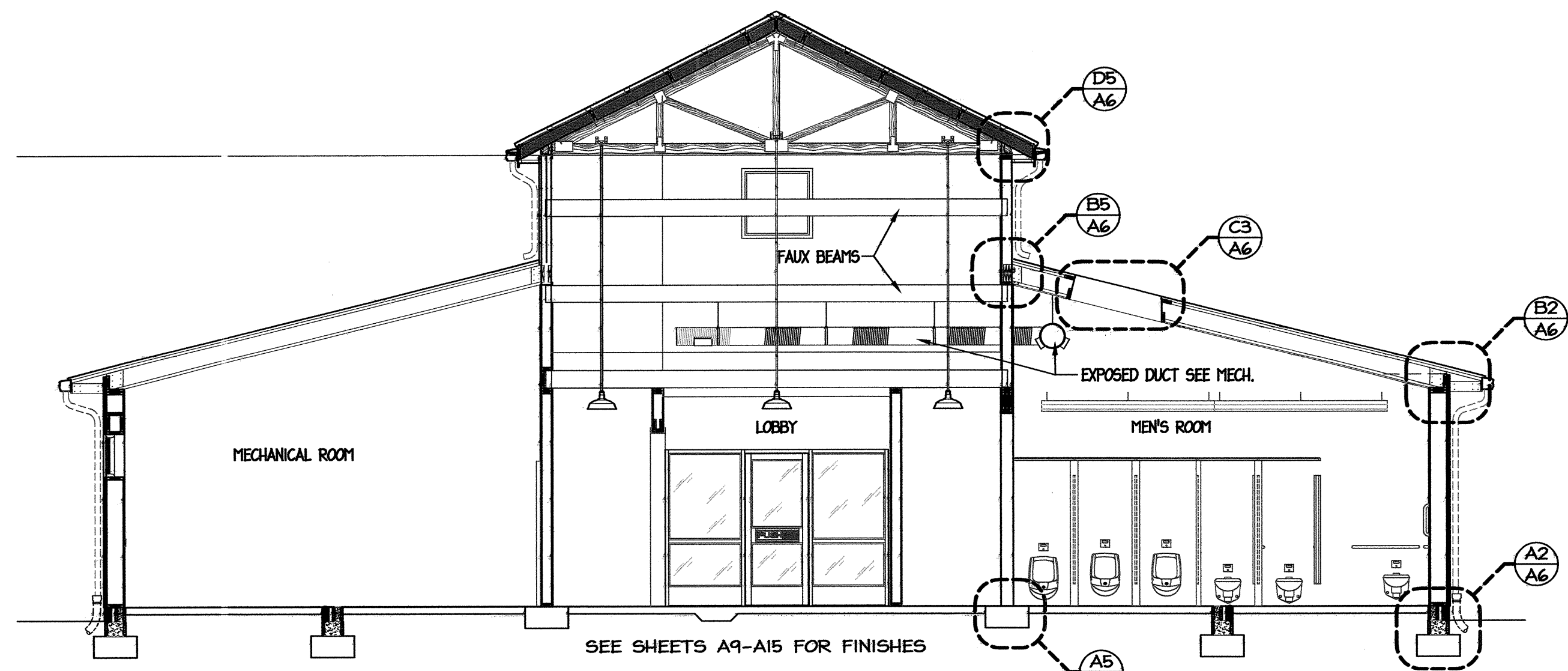
DRAWN BY: CLS, RA, DB CHECKED BY: V. BUZARD ISSUE DATE: 05/25/2012

SEAL: **LIVOR M. BUZARD**
REGISTERED ARCHITECT
42410
8-10-12
NORTH CAROLINA
RALEIGH, NC.

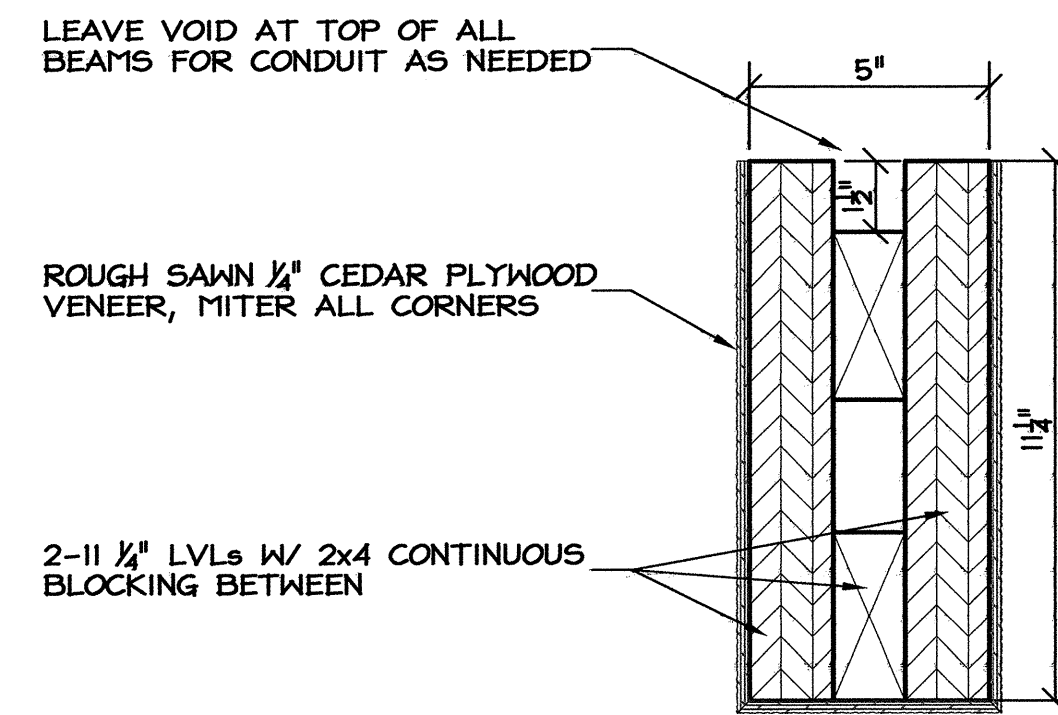
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K-5001	41533.3.1	-	IMS-040-5(49)325

NO.	REVISIONS/SUBMISSIONS	DATE

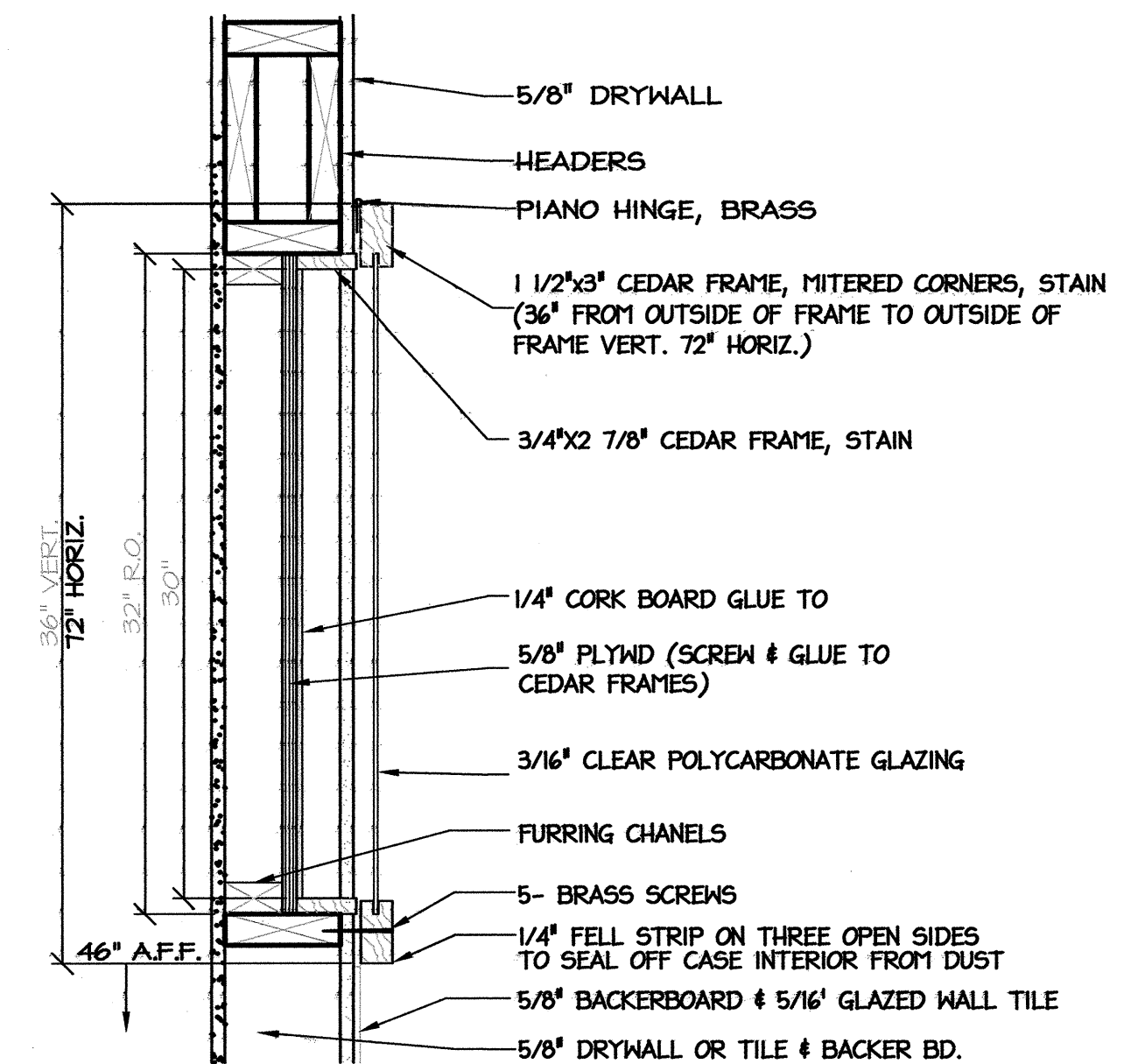
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A4
OF



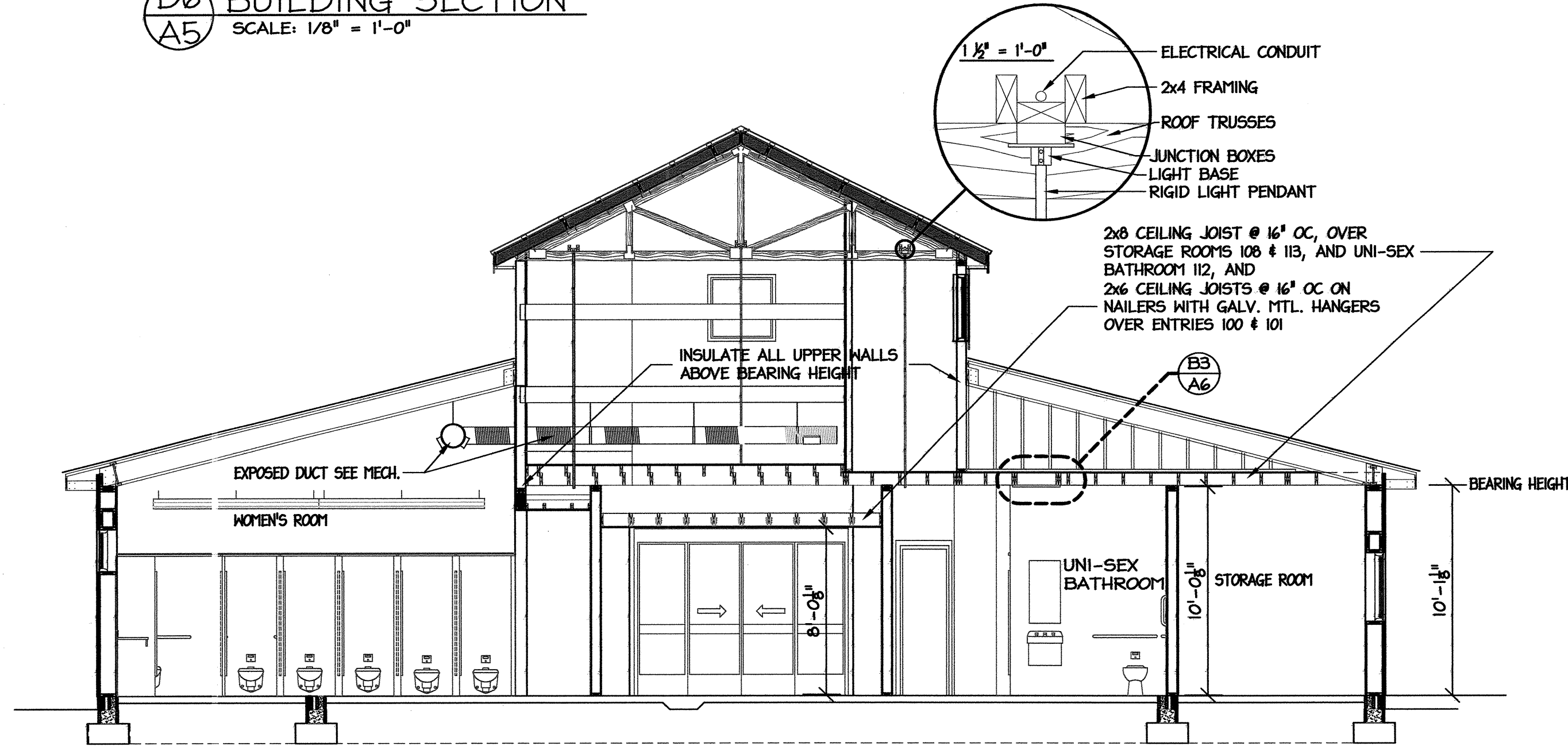
D6 BUILDING SECTION
SCALE: 1/8" = 1'-0"



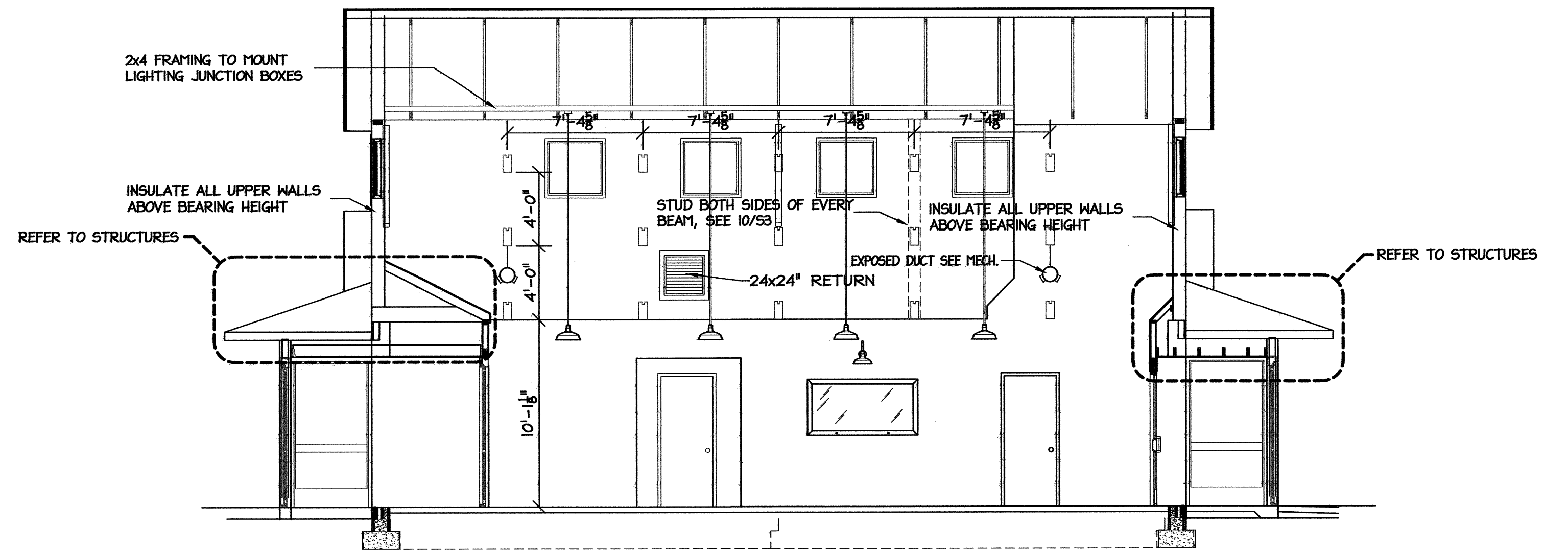
D3 FAUX BEAM SECTION
SCALE: 3" = 1'-0"



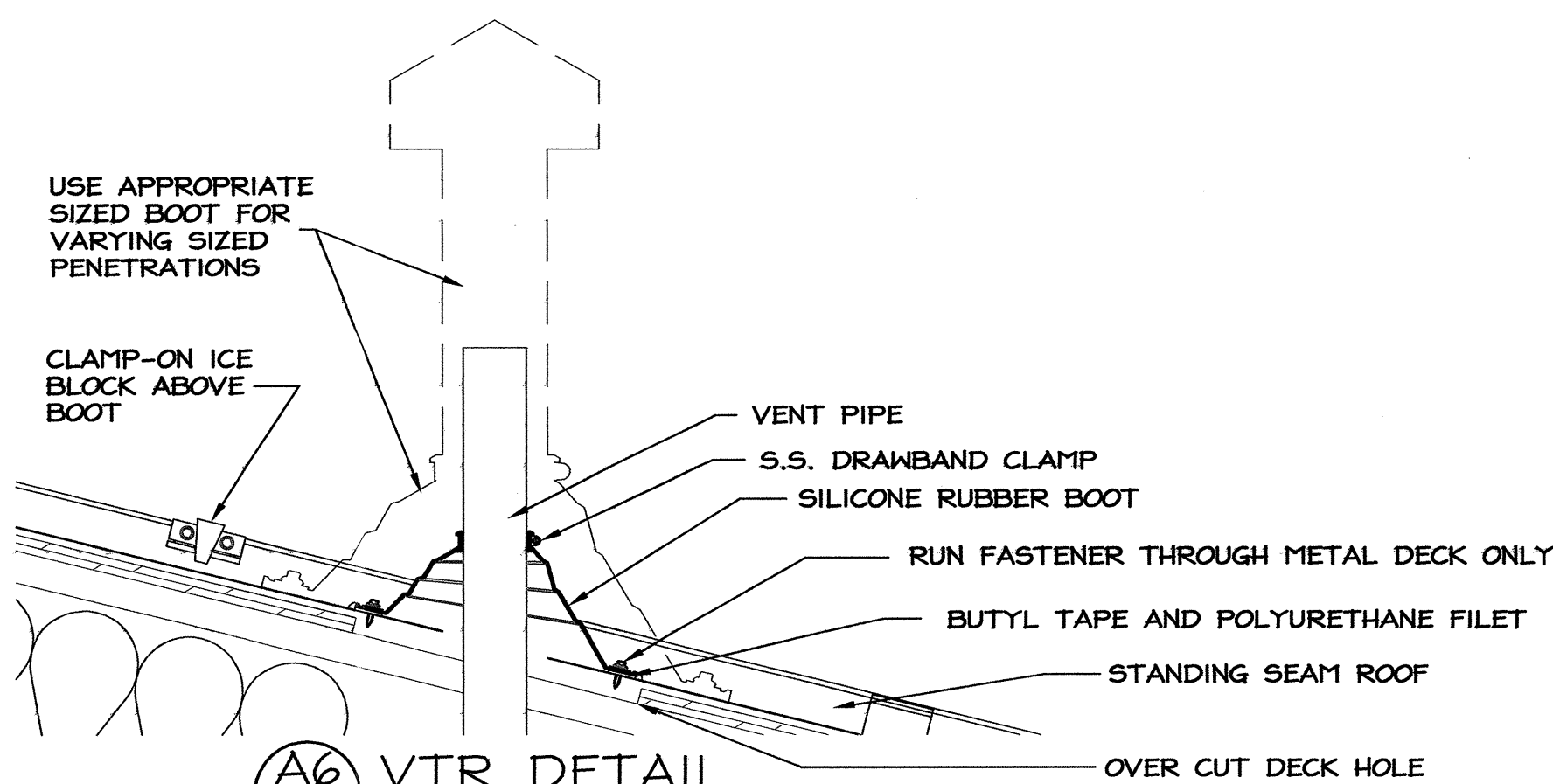
D1 DISPLAY CASE SECTION
SCALE: 1 1/2" = 1'-0"



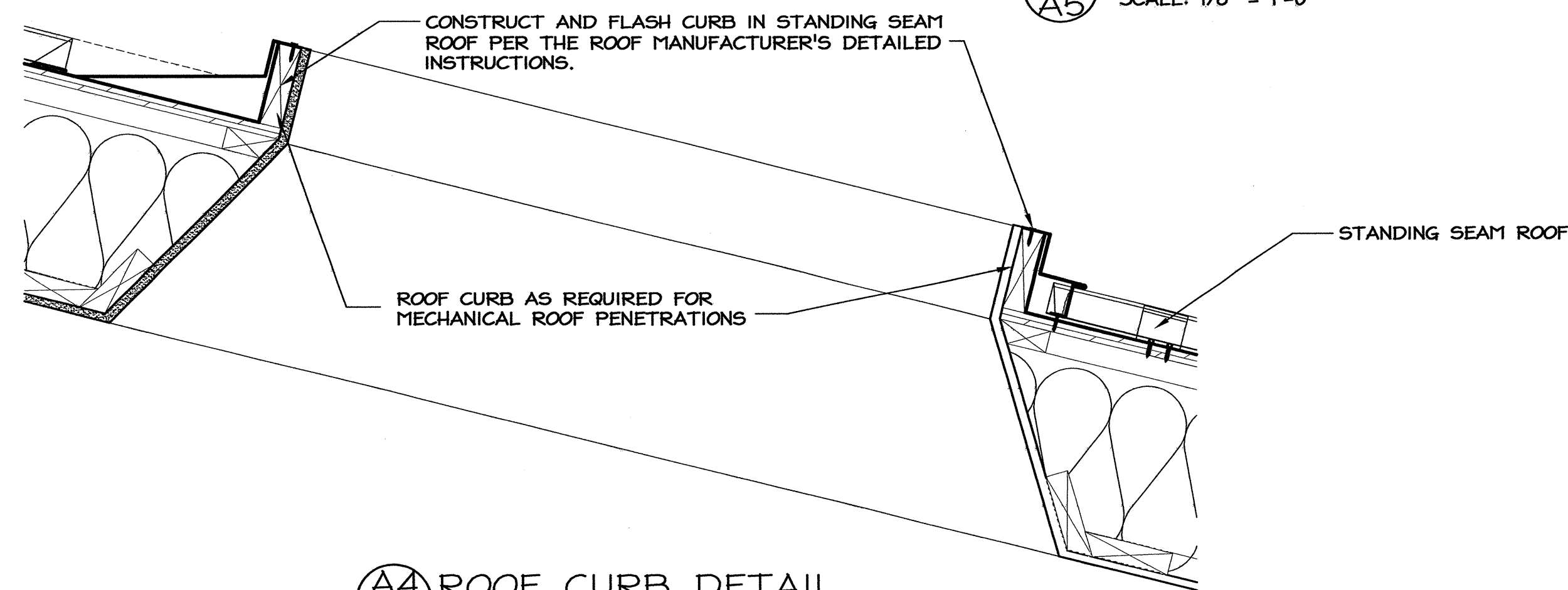
B6 BUILDING SECTION
SCALE: 1/8" = 1'-0"



B2 BUILDING SECTION
SCALE: 1/8" = 1'-0"



A6 VTR DETAIL
SCALE: 1 1/2" = 1'-0"



A4 ROOF CURB DETAIL
SCALE: 1 1/2" = 1'-0"

PROJECT: **I-40 REST AREA**
JOHNSTON COUNTY NORTH CAROLINA

ARCHITECT/ENGINEERS: **FACILITIES DESIGN**
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DRAWING TITLE: **BUILDING SECTIONS AND DETAILS**

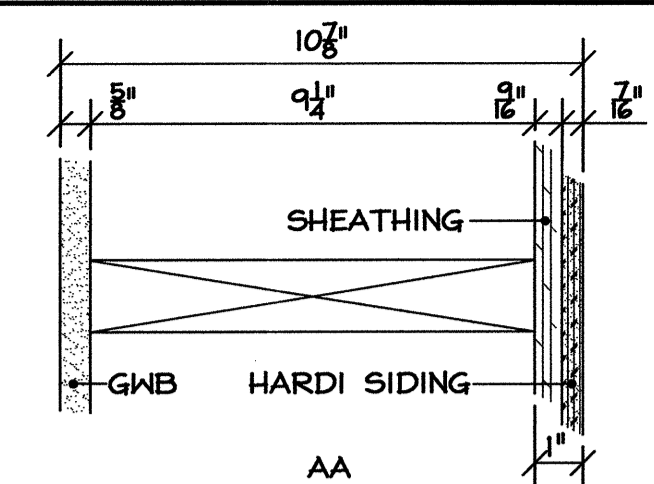
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SEAL: VICTOR M. BUZARD REGISTERED ARCHITECT 4241 1.20.12 NORTH CAROLINA RALEIGH, N.C.

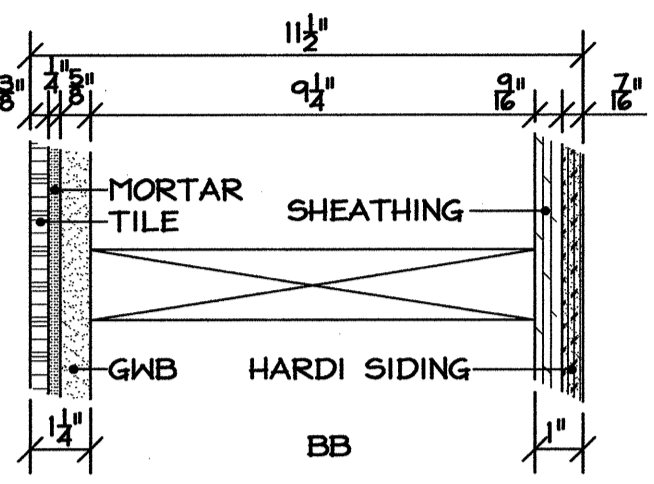
TIP. PROJ. NO.	WBS. NO.	CONTRACT ID NO.	FEDERAL-AID NO.
K-5001	41533.3.1	-	IMS-040-5(49)325

NO.	REVISIONS/SUBMISSIONS	DATE	SHEET NO.

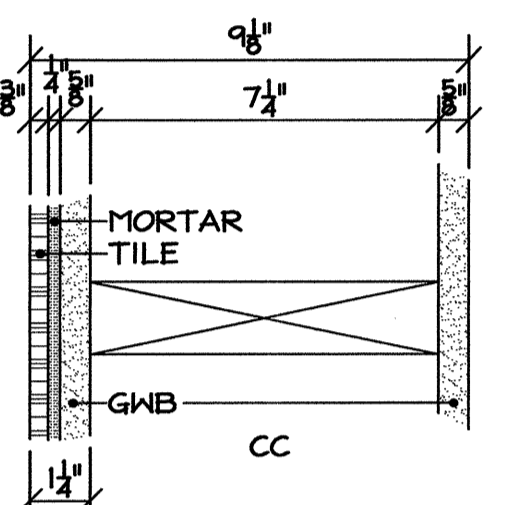
A5
OF 11



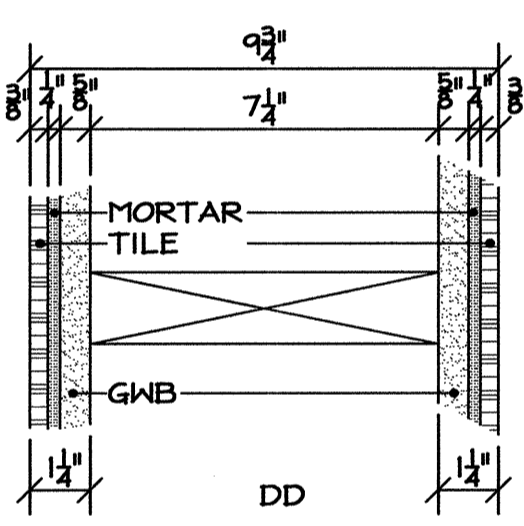
TYPICAL:
EXTERIOR WALL AT OFFICE.



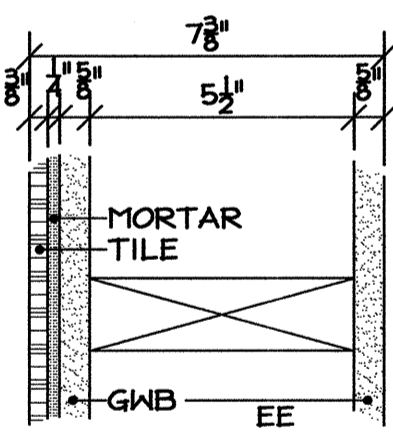
TYPICAL:
EXTERIOR WALL AT BATH ROOMS.



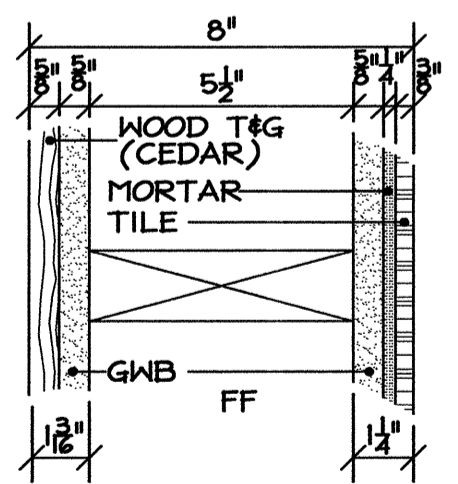
TYPICAL:
INTERIOR WALL BETWEEN BATH
ROOMS & OFFICE / STORAGE.



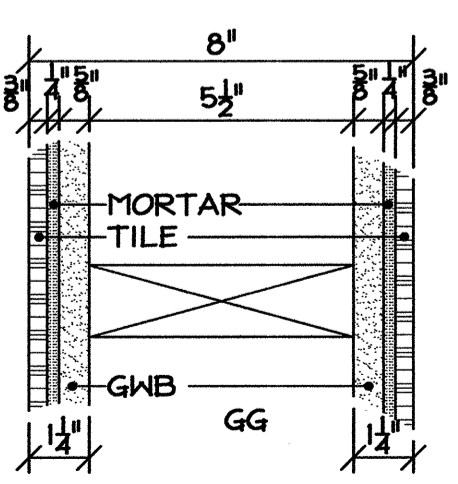
TYPICAL:
INTERIOR WALL BETWEEN BATH
ROOMS & UNI-SEX BATH ROOM.



TYPICAL:
INTERIOR WALL BETWEEN UNI-SEX
BATH ROOM & OFFICE.



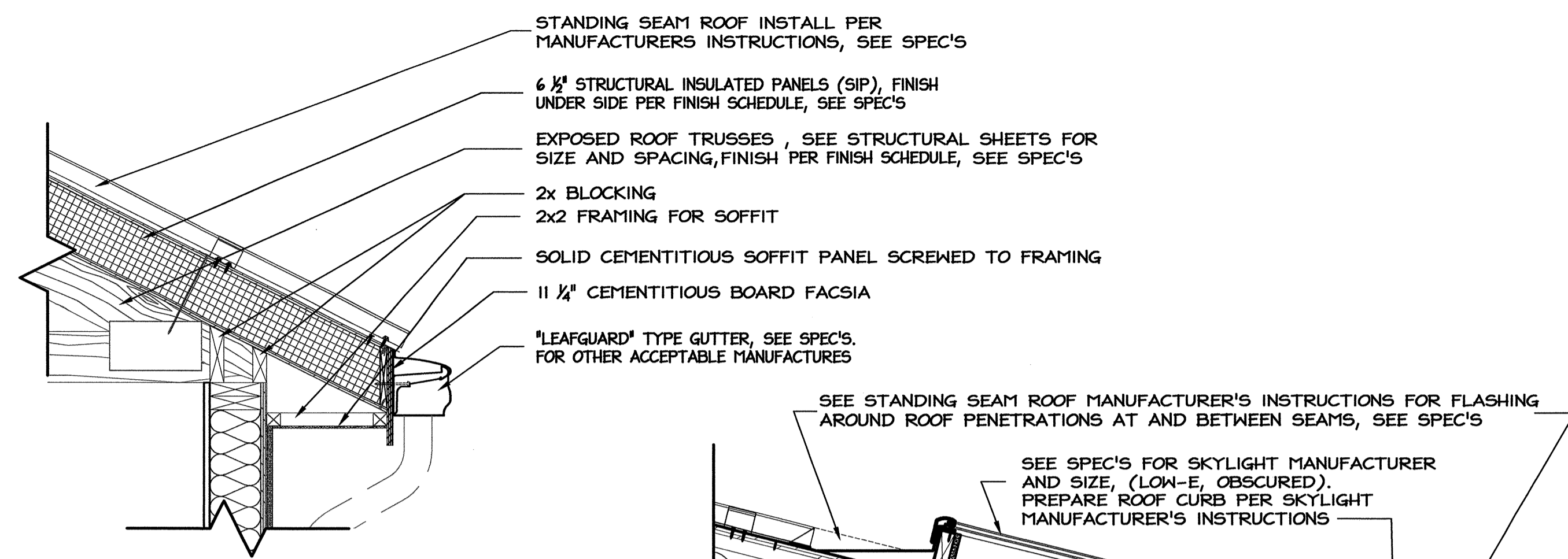
TYPICAL:
INTERIOR WALL BETWEEN LOBBY &
CORRIDOR / CORRIDOR & BATH ROOM.



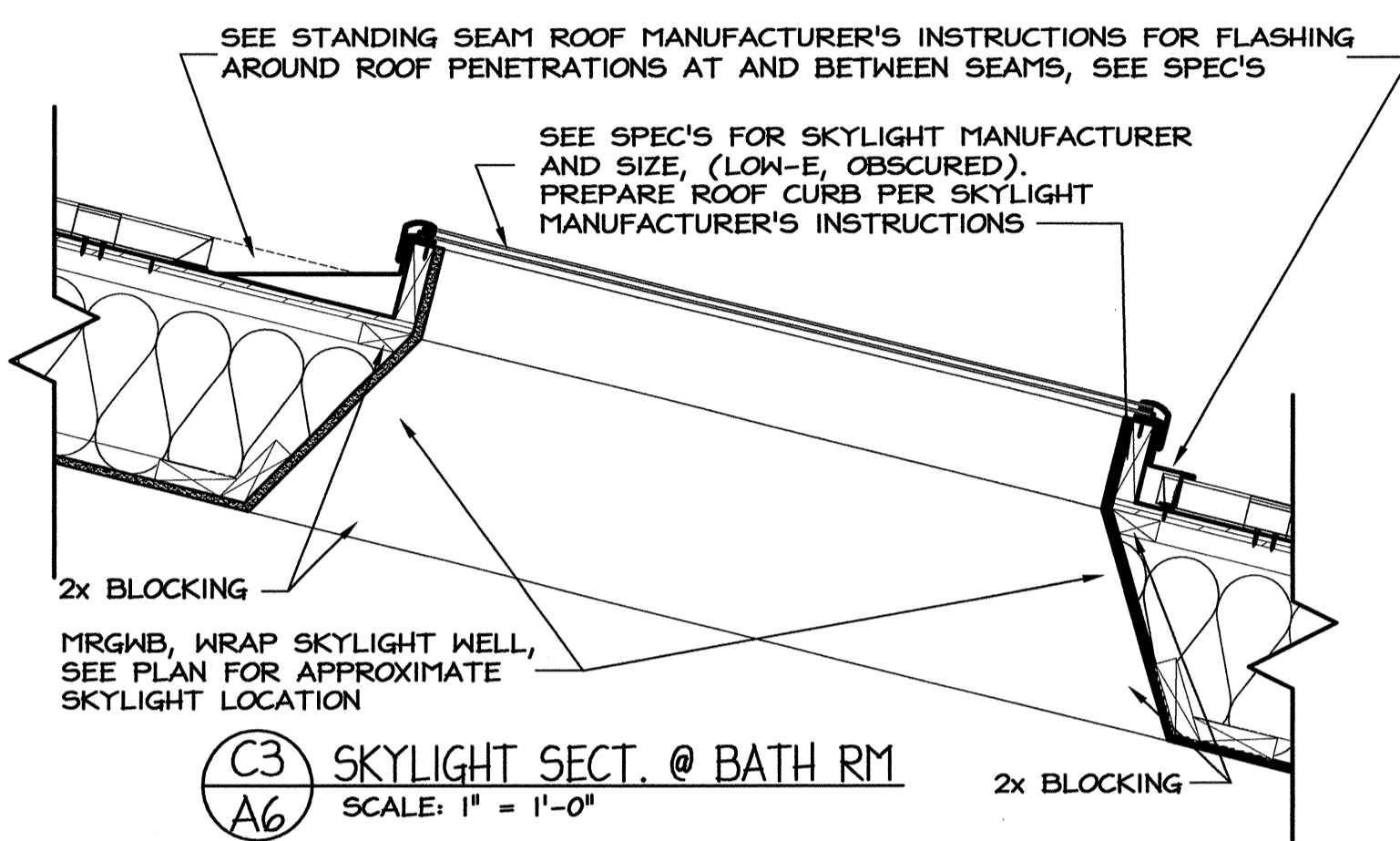
TYPICAL:
INTERIOR WALL BETWEEN LOBBY
& CORRIDOR.

A6 WALL SECTION TYPES
SCALE: 3" = 1'-0"

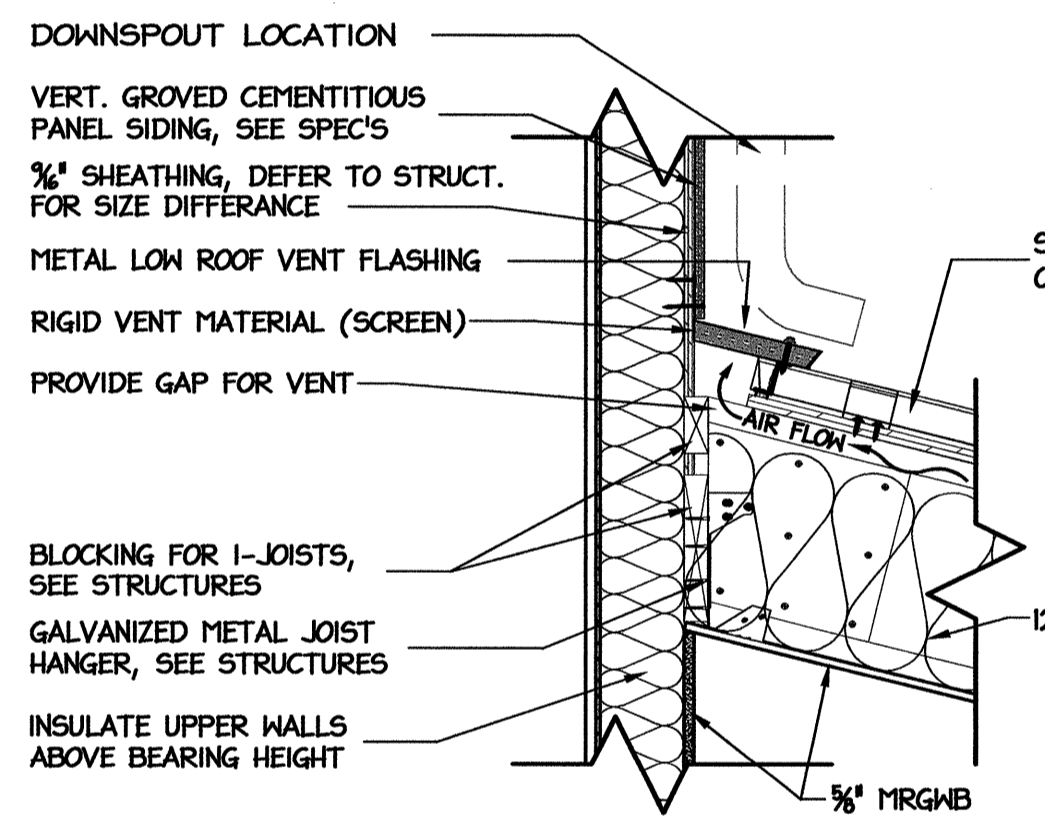
NOTE:
INSIDE DIMENSIONS ARE TO THE FACE
OF FRAMING.
DEFER TO STRUCTURES FOR ANY
SHEATHING SIZE DIFFERENCES AND
ADJUST THESE DETAILS ACCORDINGLY
AS NEEDED.



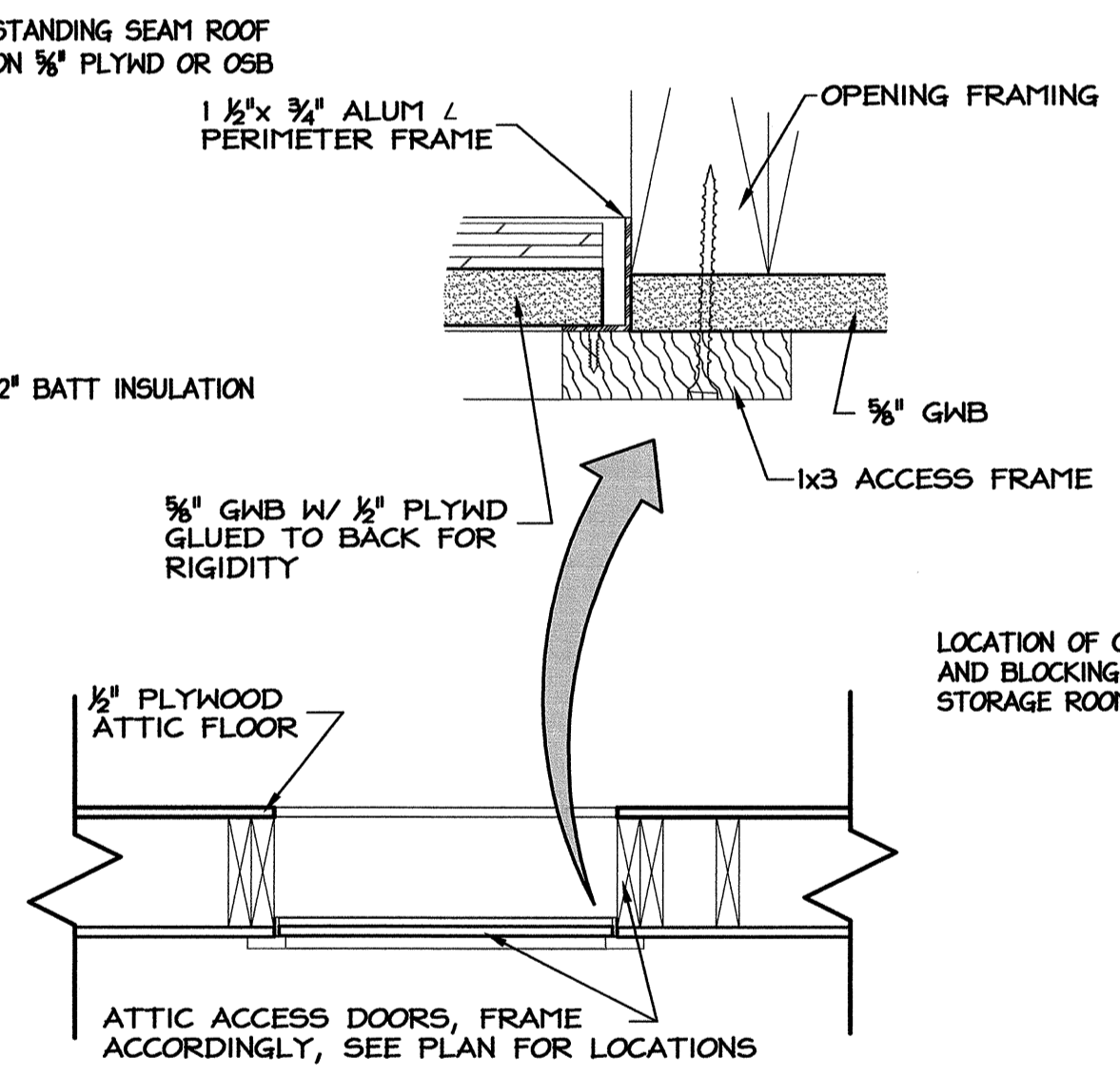
D5 UPPER EAVE SECTION
SCALE: 1" = 1'-0"



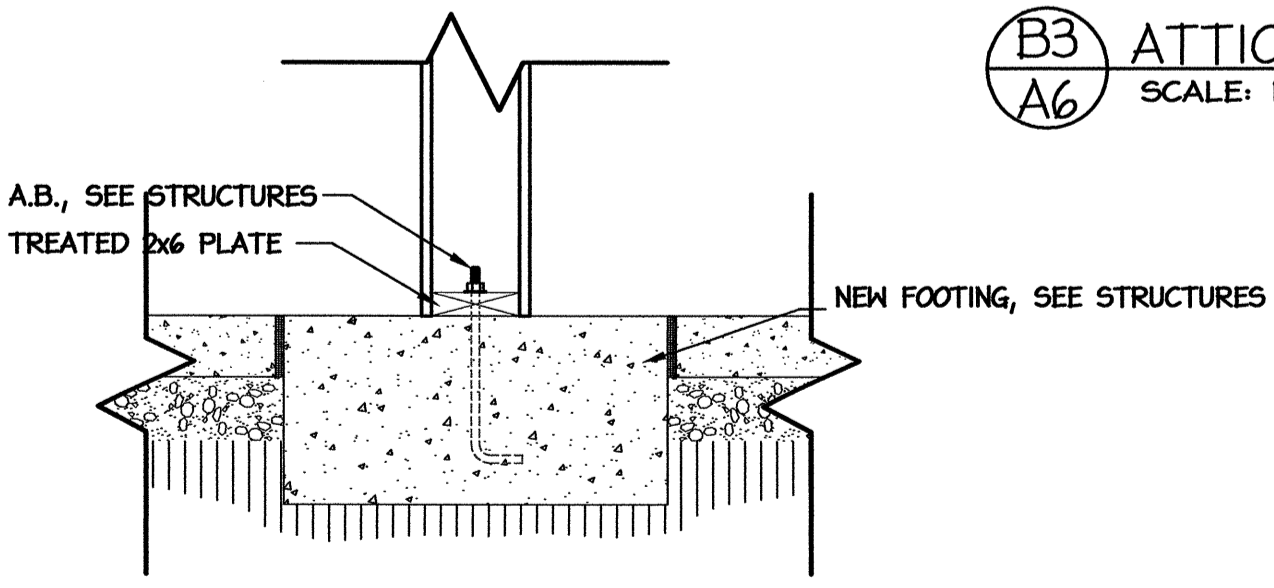
C3 SKYLIGHT SECT. @ BATH RM
SCALE: 1" = 1'-0"



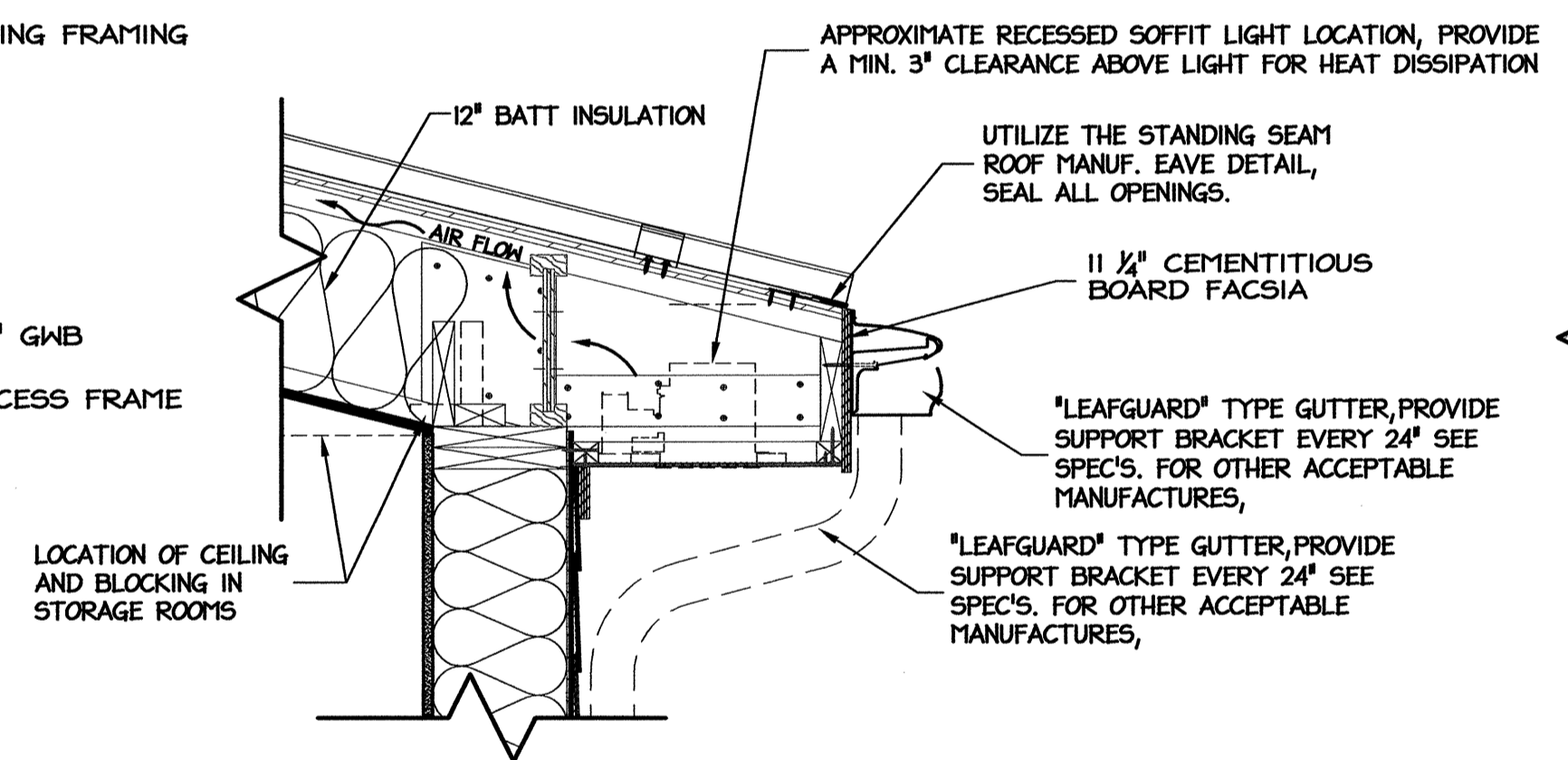
B5 I-JOIST CONNECTION @ BEARING WALL
SCALE: 1" = 1'-0"



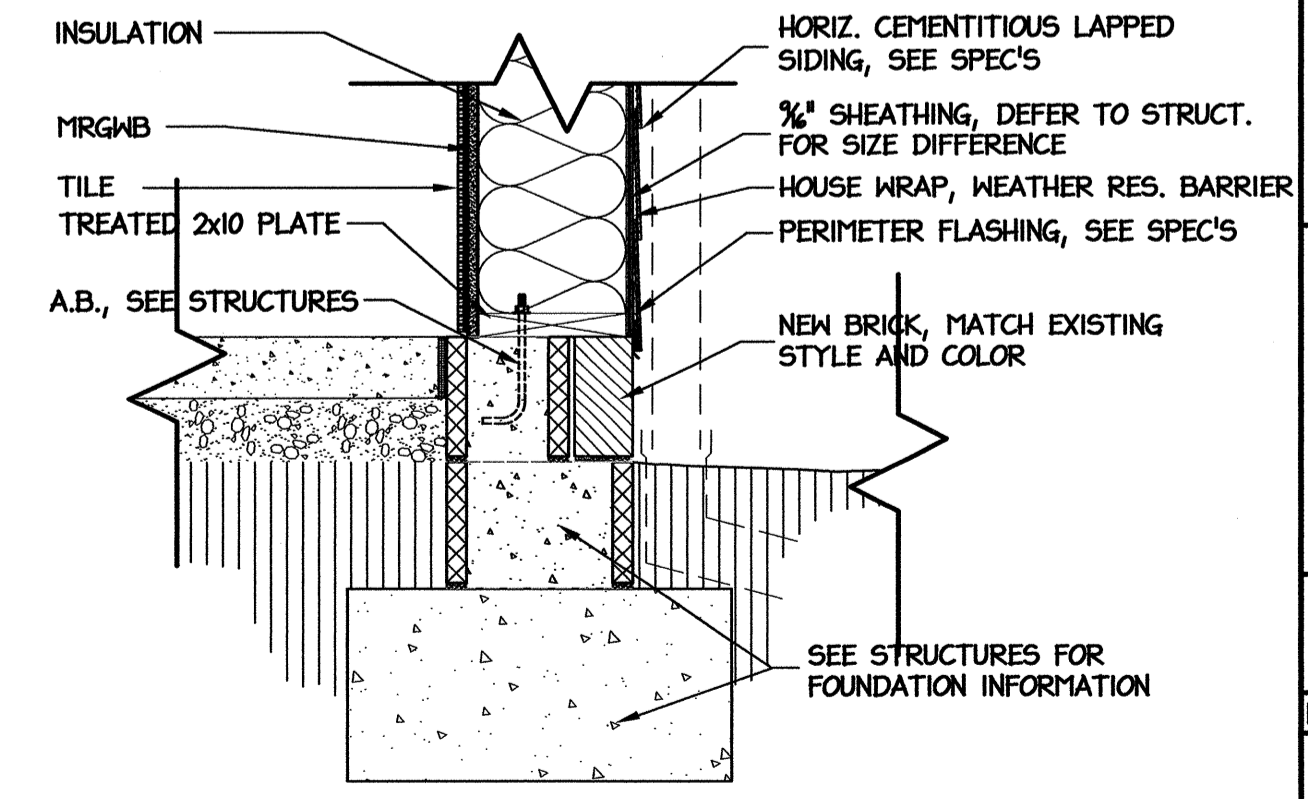
B3 ATTIC ACCESS
SCALE: 1" = 1'-0"



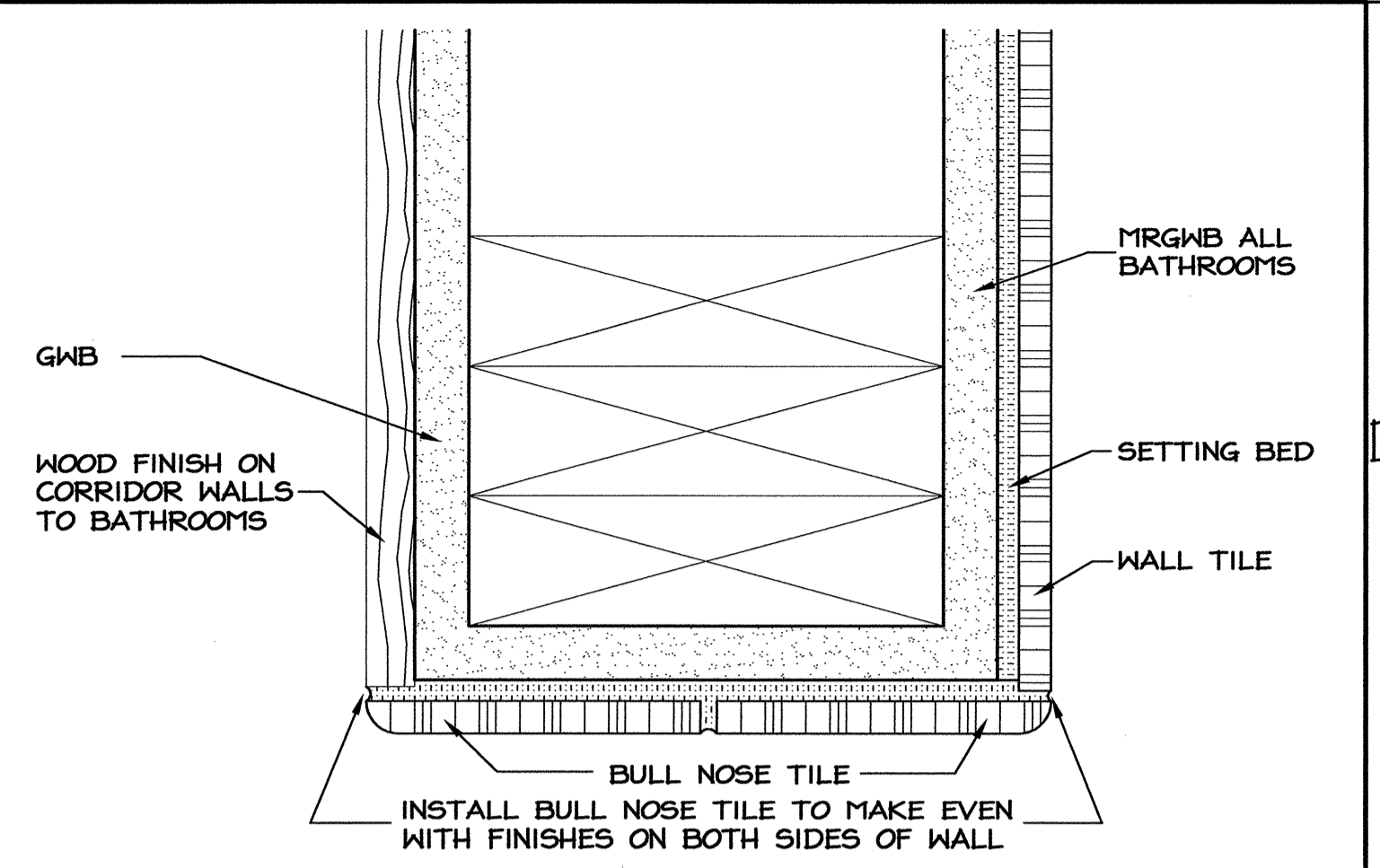
A5 INTERIOR BEARING WALL FOOTING
SCALE: 1" = 1'-0"



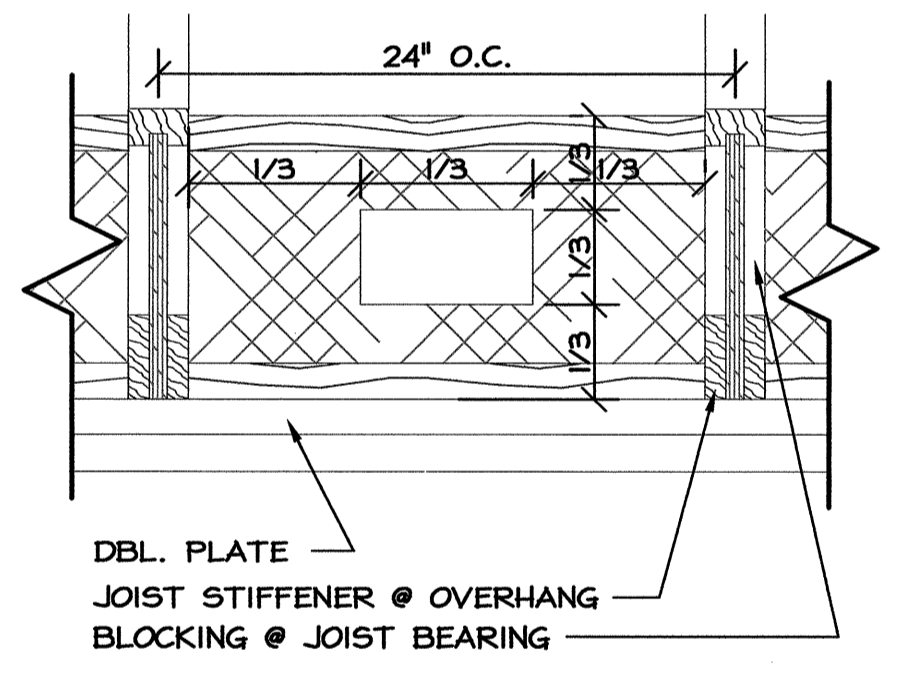
B2 LOWER EAVE SECTION
SCALE: 1" = 1'-0"



A2 WALL SECT. @ FOUNDATION
SCALE: 1" = 1'-0"



D1 PLAN SECTION OF BULL NOSE
@ BATH TO CORRIDOR
SCALE: 6" = 1'-0"



B2 VENT THROUGH I JOIST
CROSS BRACING DETAIL
SCALE: 1 1/2" = 1'-0"

PROJECT:
I-40 REST AREA
JOHNSTON COUNTY NORTH CAROLINA

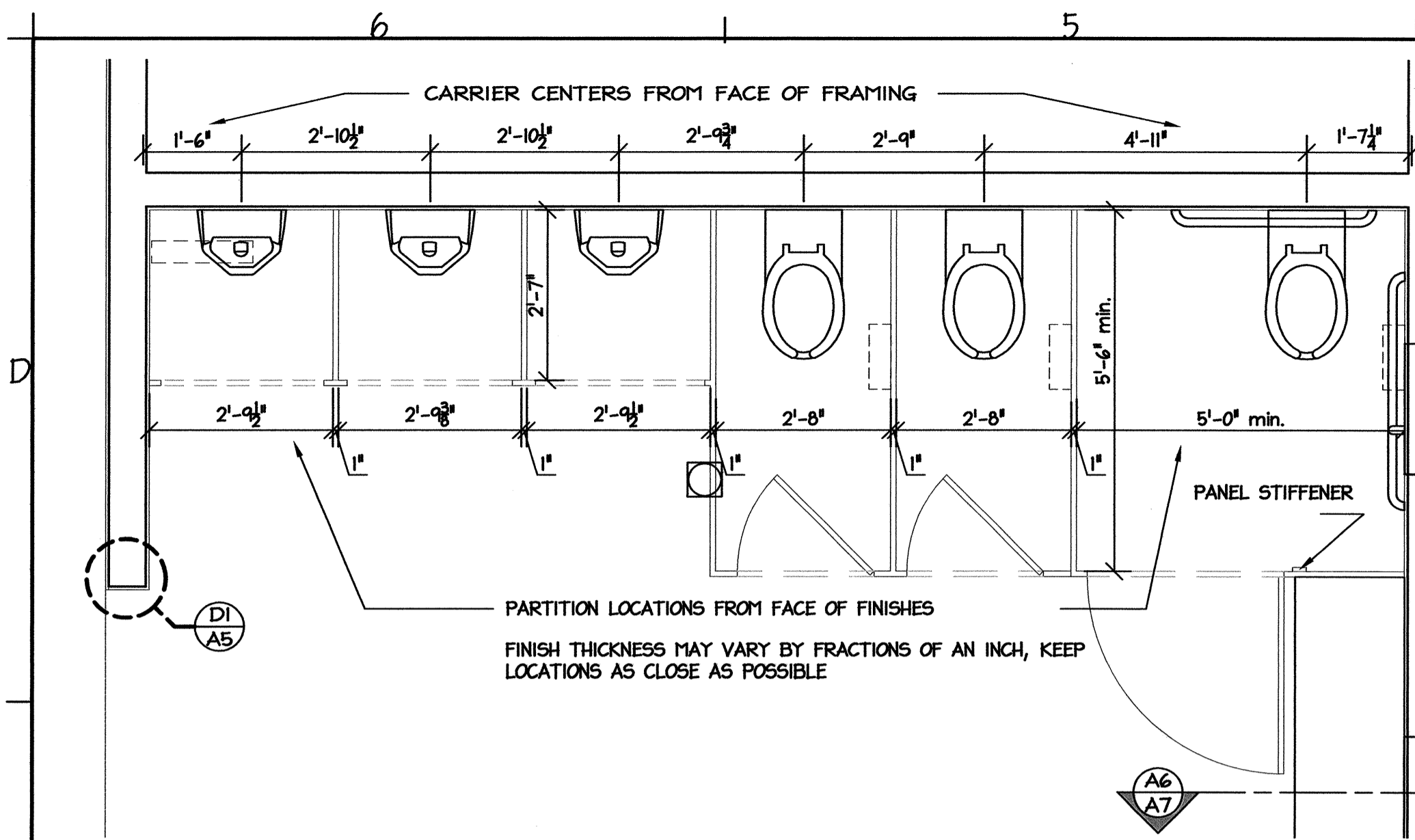
ARCHITECT/ENGINEERS:
FACILITIES DESIGN
FACILITIES MANAGEMENT DIVISION, NCDOT
1 SOUTH WILMINGTON STREET
RALEIGH, NORTH CAROLINA 27601
(919) 707-0400 FAX (919) 715-0399

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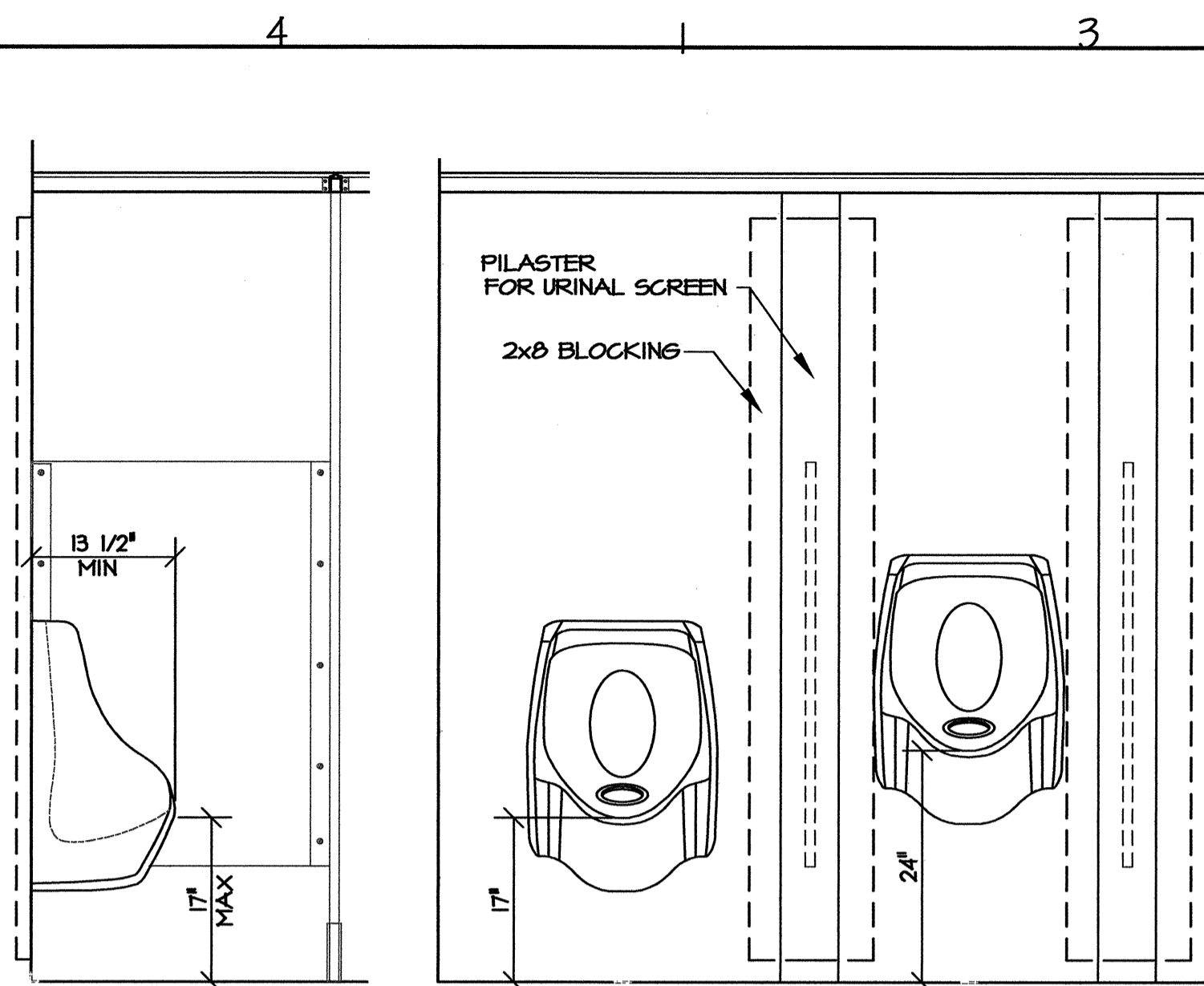
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NO.	REVISIONS/SUBMISSIONS	DATE	SHEET NO.

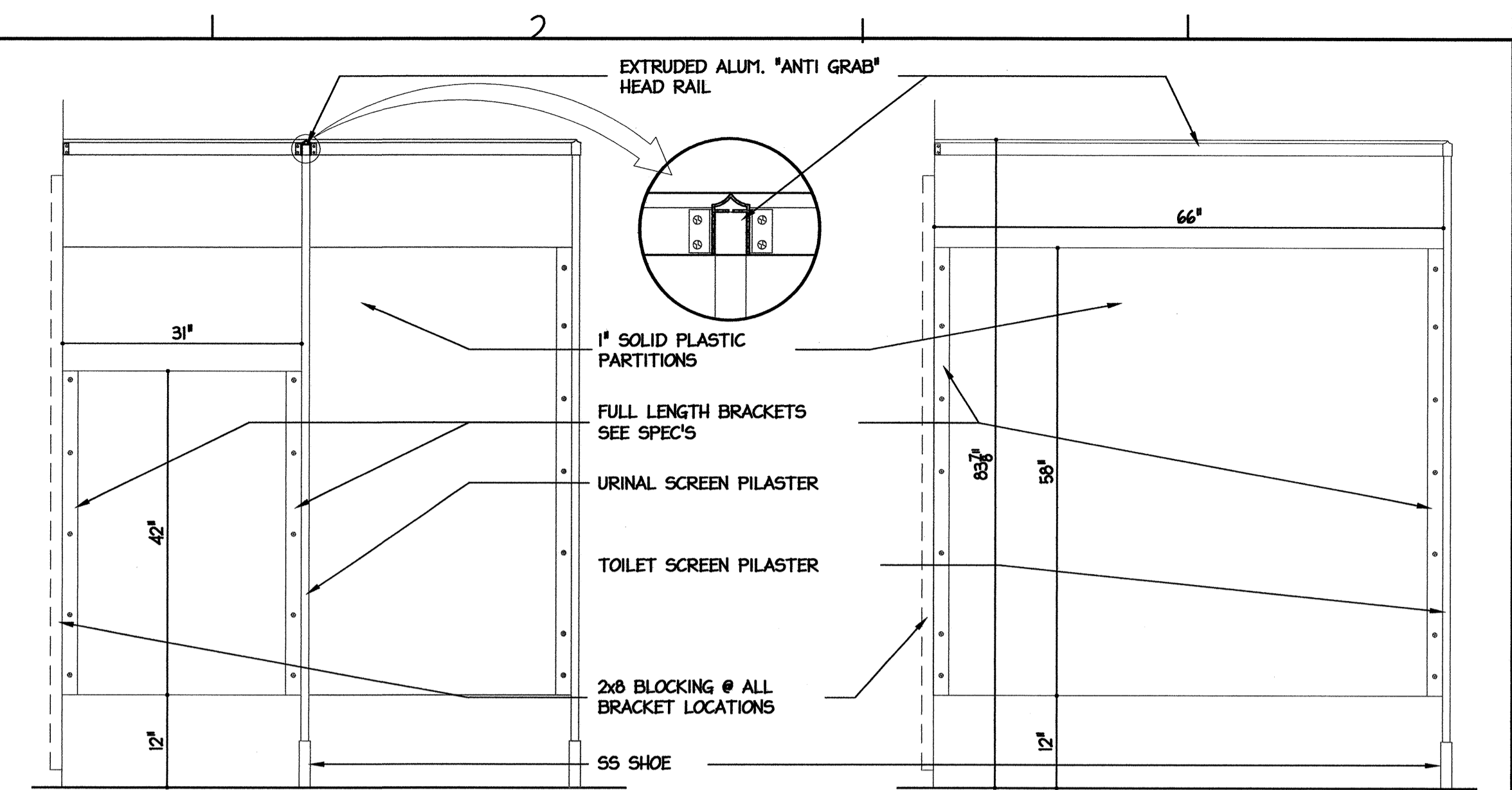
A6
OF 11



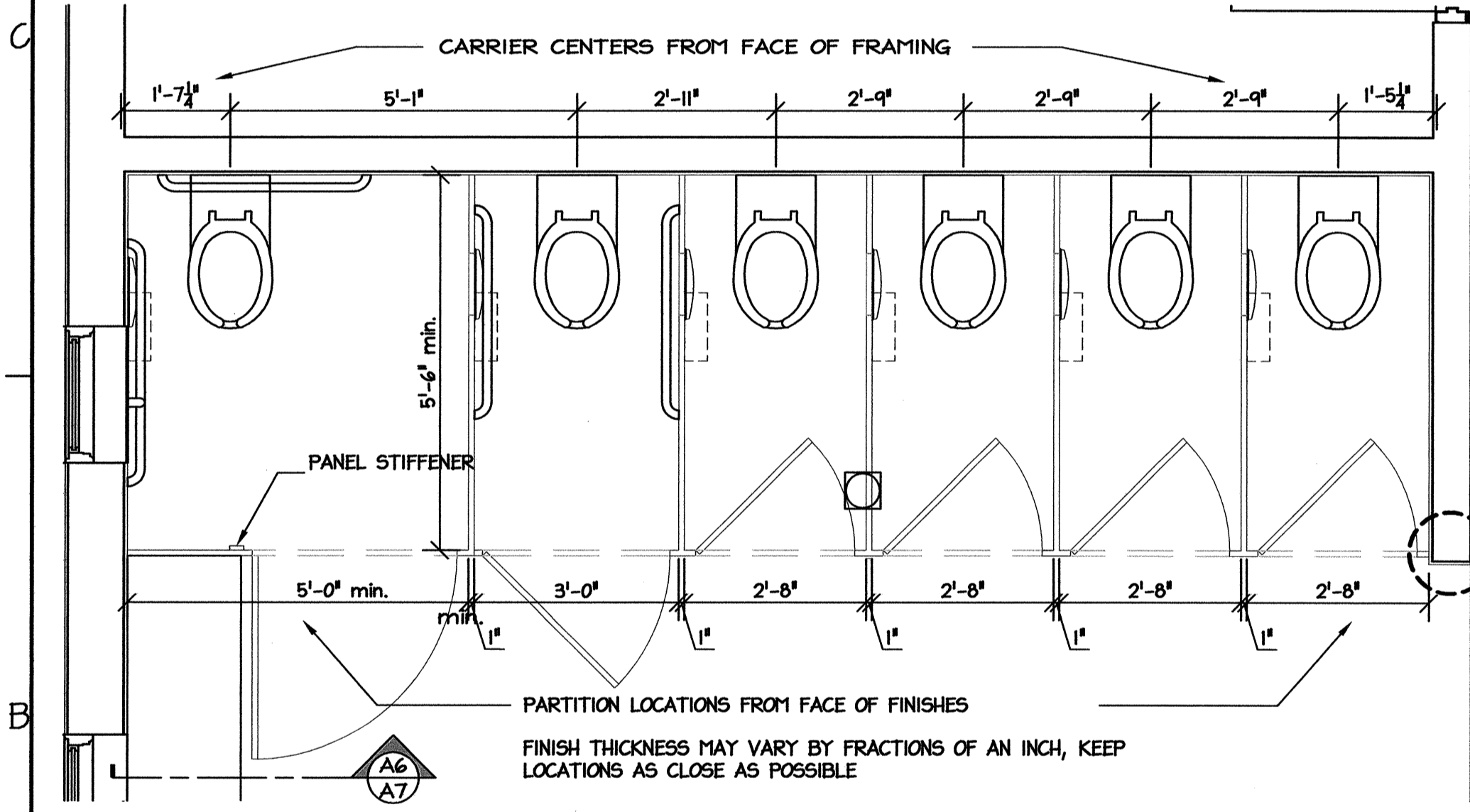
D6 ENLARGED PLAN
A7 MEN'S ROOM (TYP)
SCALE: 3/4" = 1'-0"



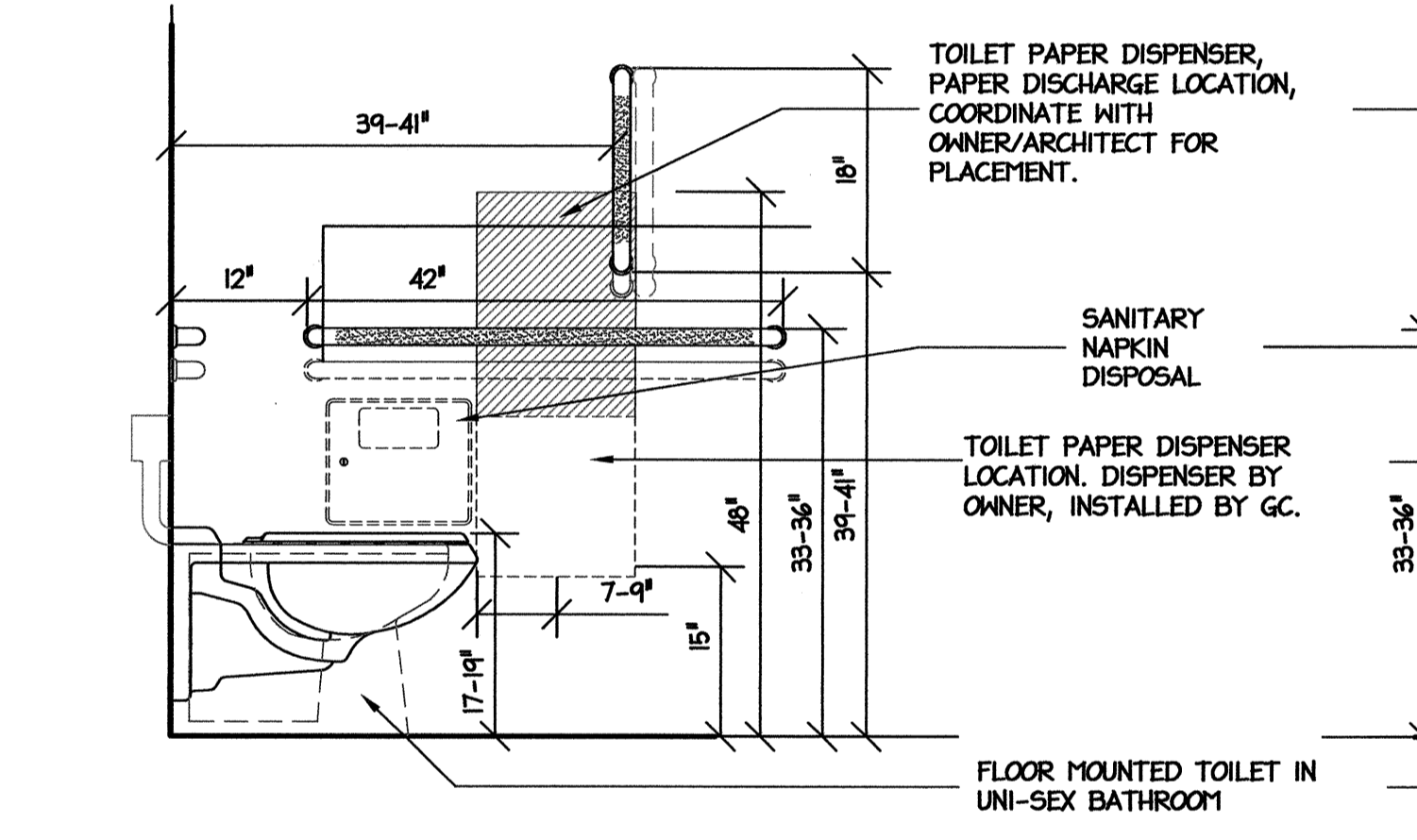
D4 URINAL ELEVATIONS
A7 SCALE: 3/4" = 1'-0"



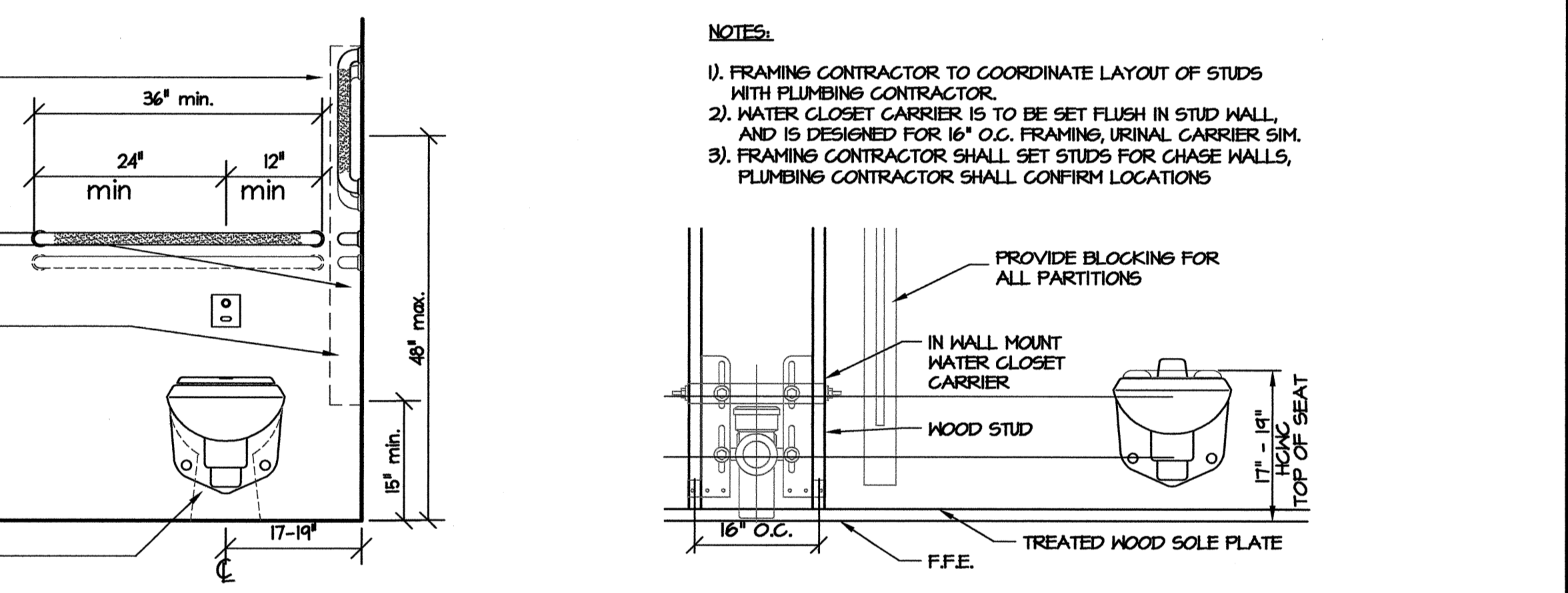
D2 PARTITION ELEVATIONS
A7 SCALE: 3/4" = 1'-0"



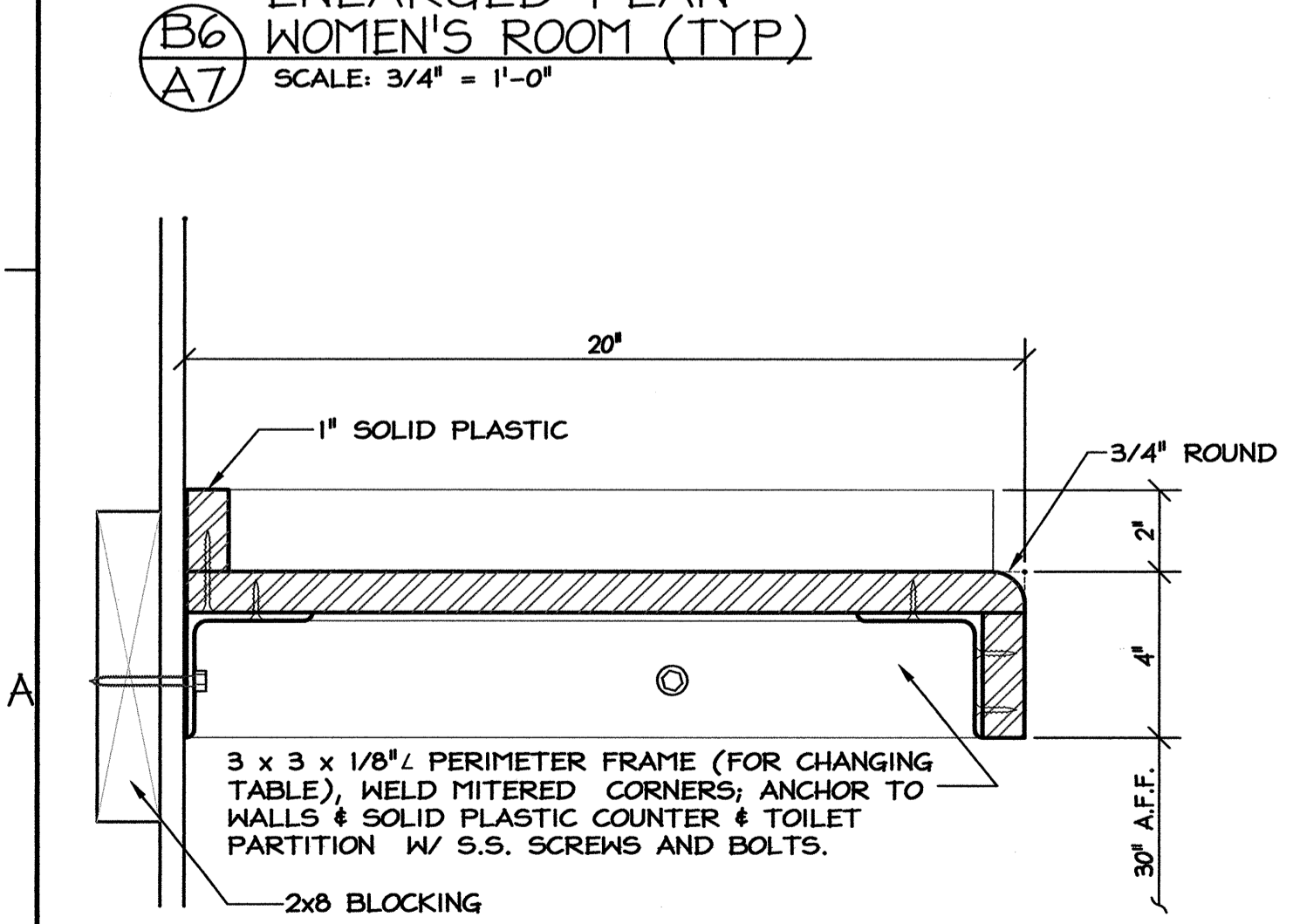
B6 ENLARGED PLAN
A7 WOMEN'S ROOM (TYP)
SCALE: 3/4" = 1'-0"



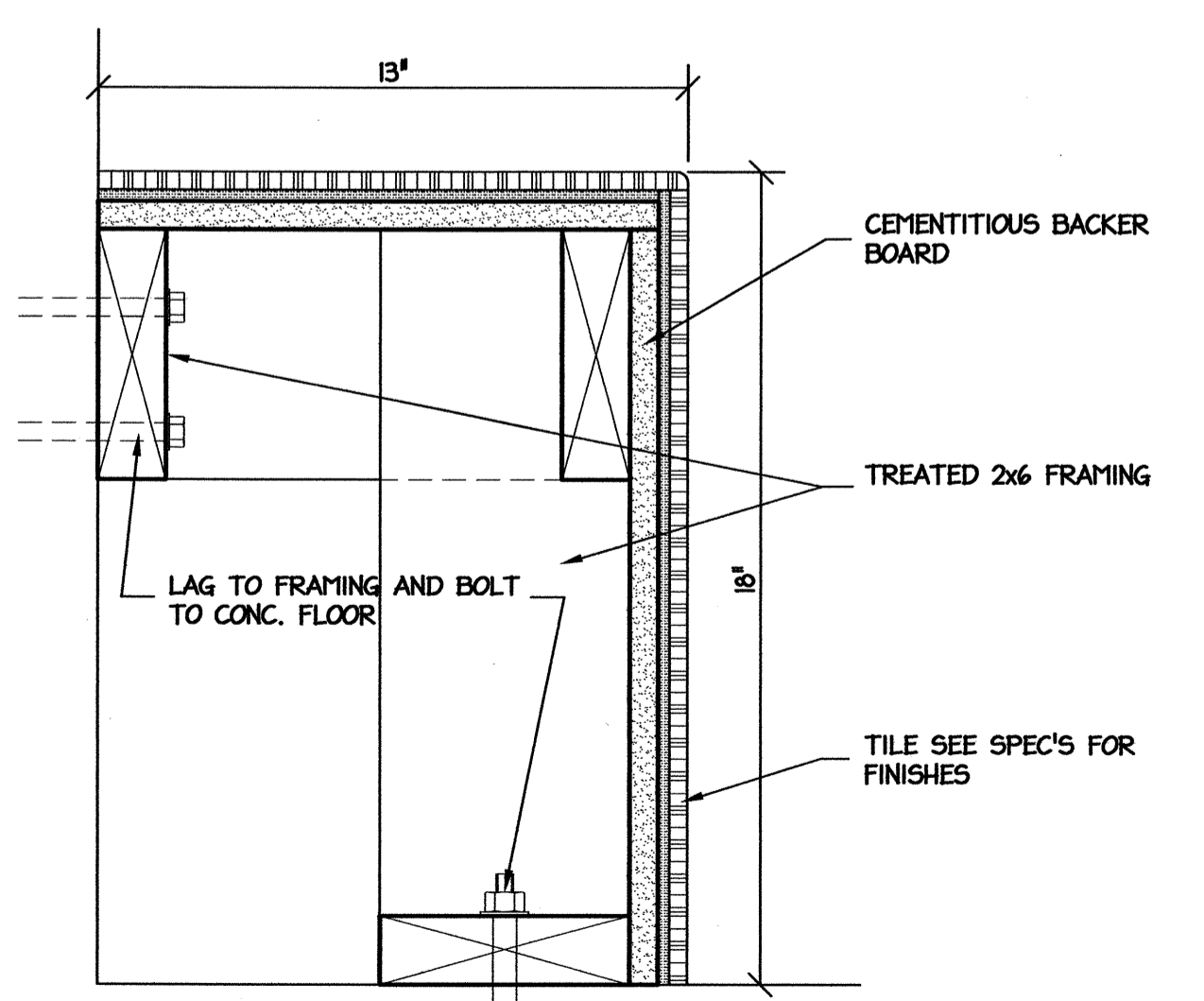
B4 STALL FIXTURE & ACCES. ELEV.
A7 SCALE: 3/4" = 1'-0"



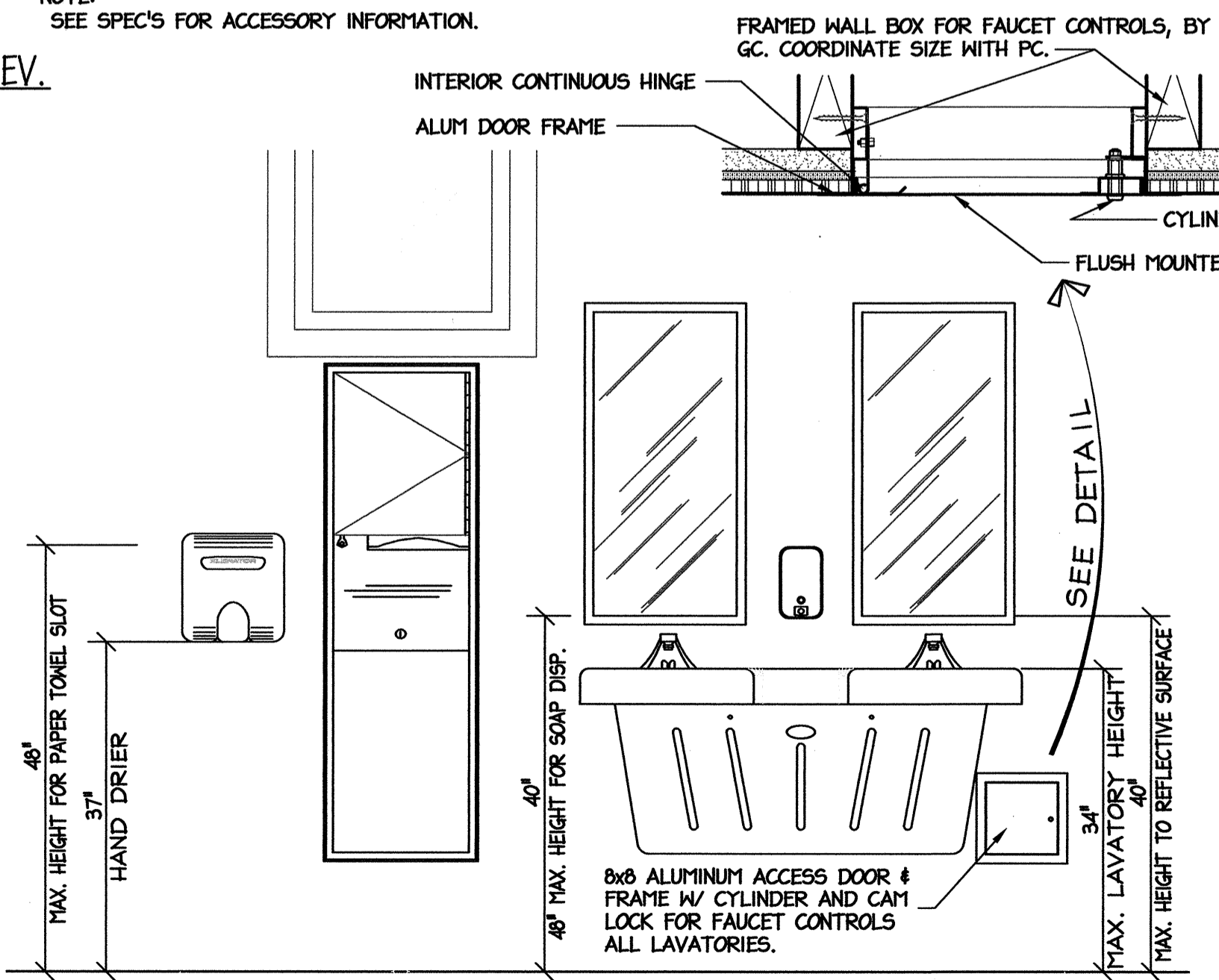
B1 WC CARRIER DETAIL
A7 SCALE: 3/4" = 1'-0"



A6 CHANGING TABLE SECTION
A7 SCALE: 3" = 1'-0"



A4 TILE BENCH SECTION
A7 SCALE: 3" = 1'-0"



B3 LAVATORY & ACCESSORY ELEV.
A7 SCALE: 3/4" = 1'-0"

PROJECT:
I-40 REST AREA
JOHNSTON COUNTY NORTH CAROLINA

ARCHITECT/ENGINEERS:
FACILITIES DESIGN
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1 SOUTH WILMINGTON STREET
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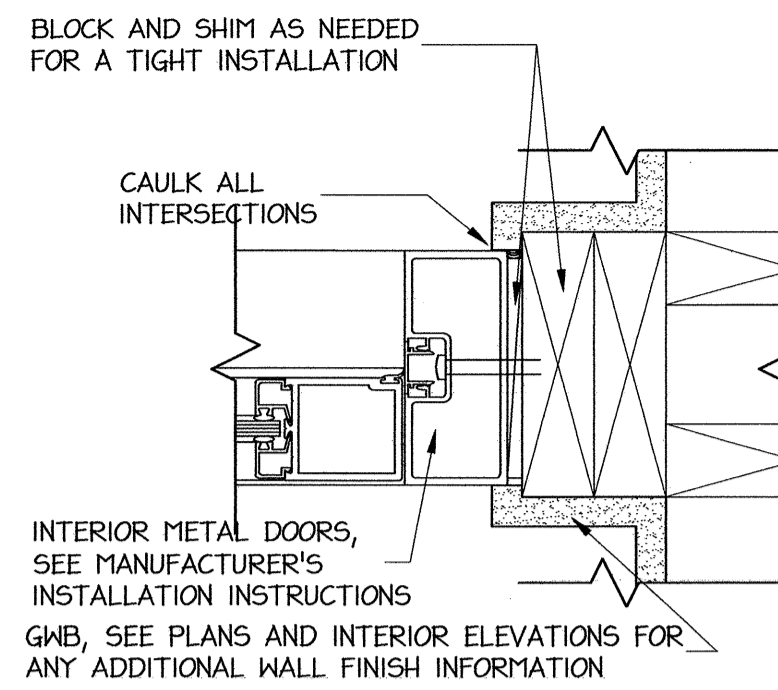
DRAWING TITLE:
ENLARGED BATHROOM PLANS, DETAILS & SECTIONS

DRAWN BY: CLS, RA, DB	CHECKED BY: V. BUZARD	ISSUE DATE: 05/25/2012
SEAL: VICTOR M. BUZARD REGISTERED ARCHITECT 42410 6-7-11 NORTH CAROLINA RALEIGH, NC	TIP. PROJ. NO. K-5001	WBS. NO. 41533.3.1
	CONTRACT ID NO. -	FEDERAL- AID NO. IMS-040-5(49)325
NO.	REVISIONS/SUBMISSIONS	DATE

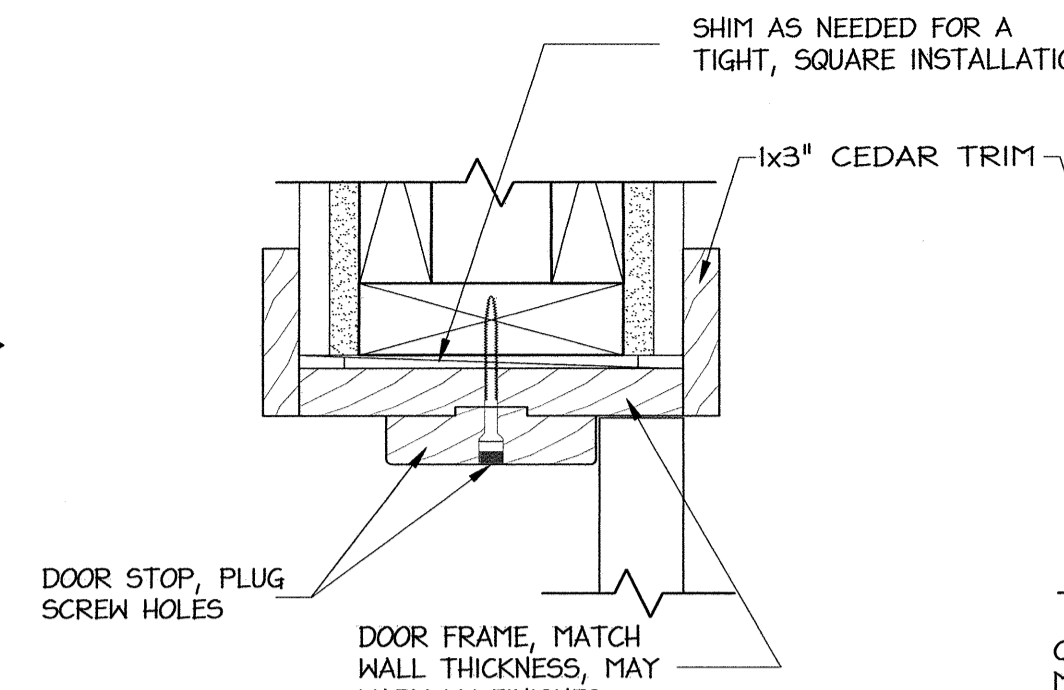
SHEET NO. **A7**
OF 11

DOOR - HARDWARE SCHEDULE

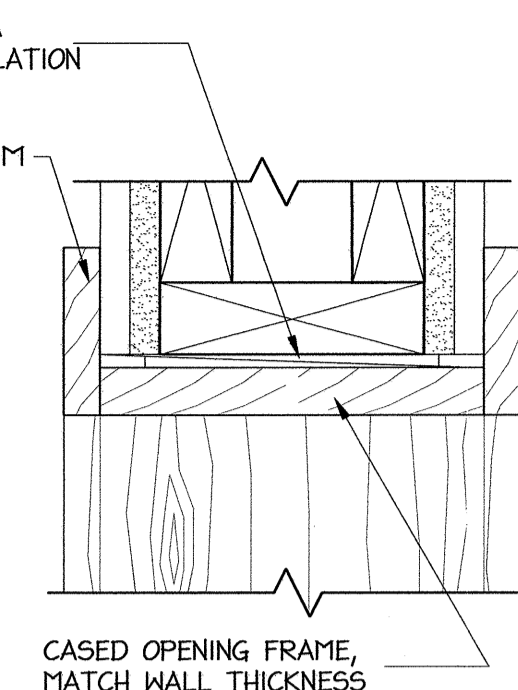
DOOR		FRAME		HARDWARE					REMARKS			
MARK	SIZE	MAT.	COLOR	MAT.	COLOR	LOCKSET	HINGES	CLOSER		STOP	PLATE KICK	WEATHS/P/ THRESHOLD
01	6'-0"x7'-0"	AL	BRONZE	AL	BRONZE	KEY LOCK / EGRESS					ALUM.(1/2" MAX)	
02	5'-0"x7'-0"	AL	BRONZE	AL	BRONZE	KEY LOCK / EGRESS					ALUM.(1/2" MAX)	
03	3'-0"x7'-0"x 1 3/4"	AL	BROWN	AL	BROWN	F07	A5112	CO2022	LO2162		316A5/114/664	
04	5'-0"x7'-0"	AL	BRONZE	AL	BRONZE	KEY LOCK / EGRESS					ALUM.(1/2" MAX)	
05	3'-0"x7'-0"	AL	90RR 11/257	H.M.	90RB 08/113	-	A5112	CO2511				J3047 / J407
06	3'-0"x7'-0"x 1 3/4"	WD	STAIN	H.M.	90RB 08/113	F07	A5112	CO2022	LO2162			
07	3'-0"x7'-0"x 1 3/4"	WD	STAIN	H.M.	90RB 08/113	F07	A5112	CO2022	LO2162			
08	3'-0"x7'-0"x 1 3/4"	WD	STAIN	H.M.	90RB 08/113	F07	A5112	CO2022	LO2162			
09	3'-0"x7'-0"x 1 3/4"	WD	STAIN	H.M.	90RB 08/113	F01	A5112	CO2022	LO2162			



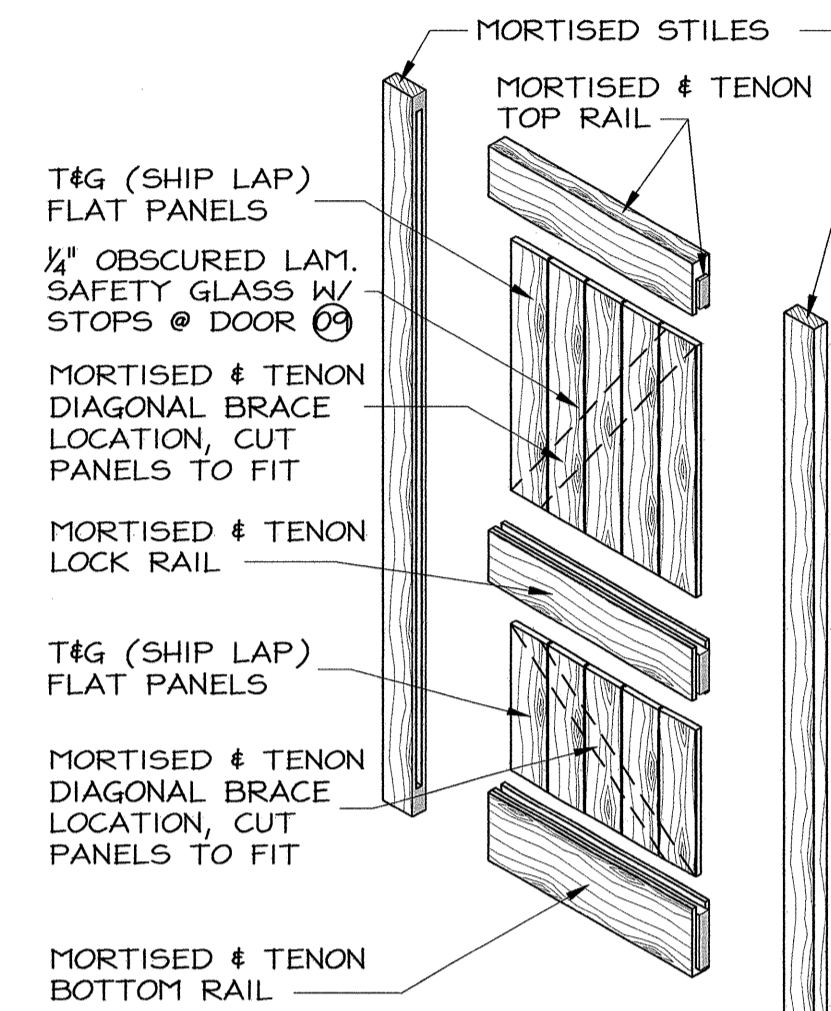
D4 INTERIOR METAL DOOR JAMB
A8 SCALE: 3" = 1'-0"



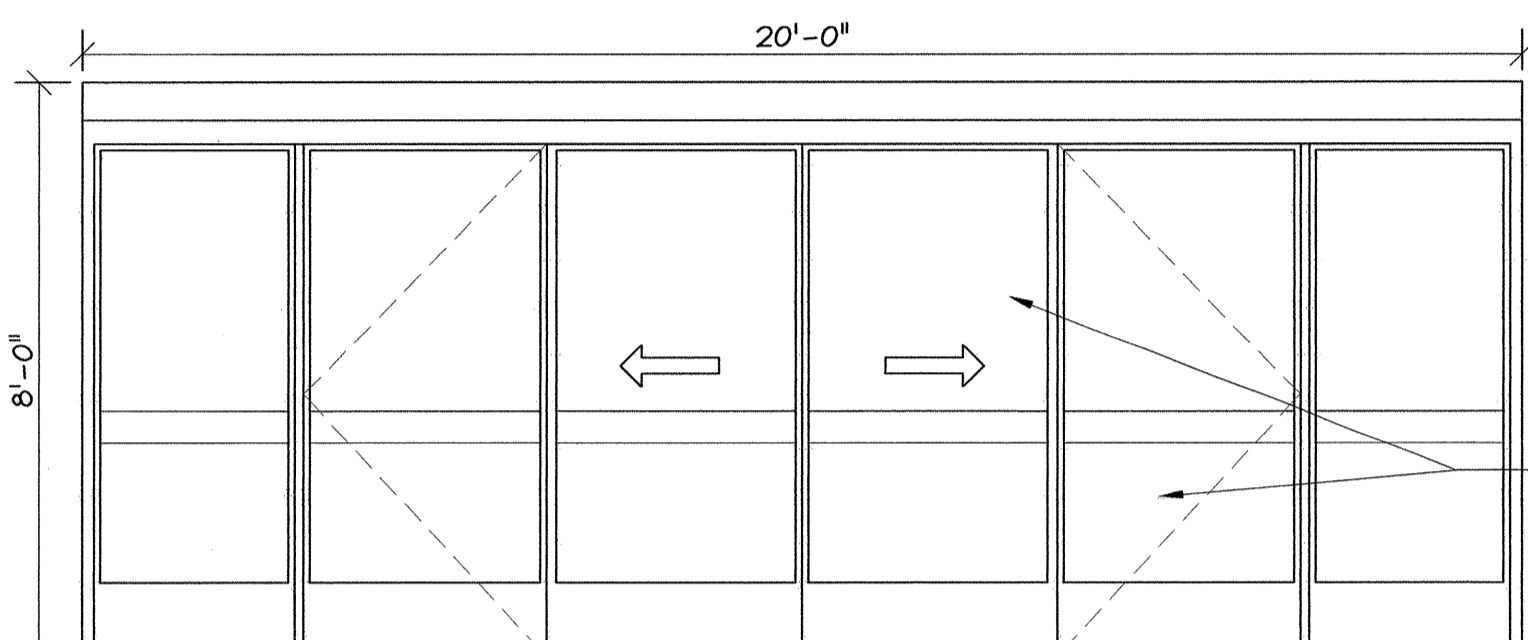
D3 WOOD DOOR FRAME DETAIL
A8 SCALE: 3" = 1'-0"



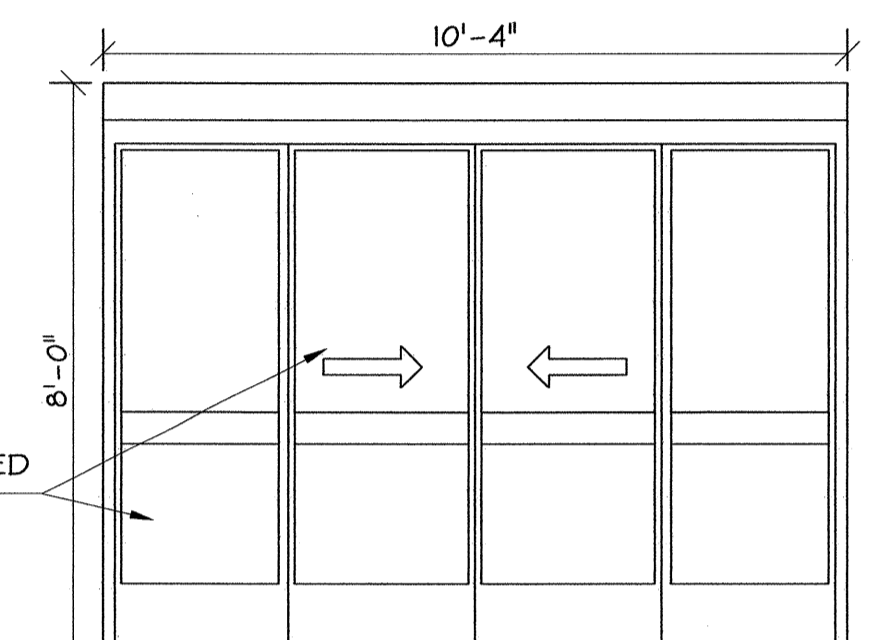
D2 CASED OPENING FRAME DETAIL
A8 SCALE: 3" = 1'-0"



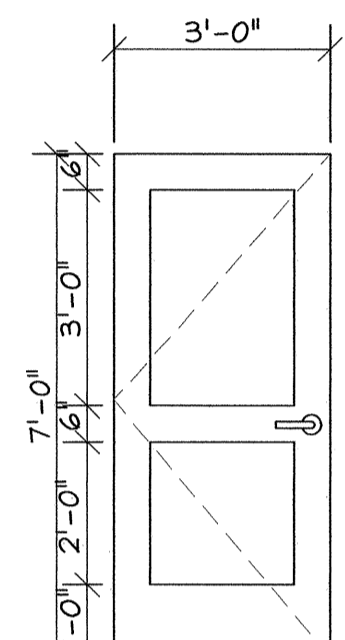
C1 EXPLODED VIEW OF FLAT PANEL DOOR
A8 SCALE: NTS



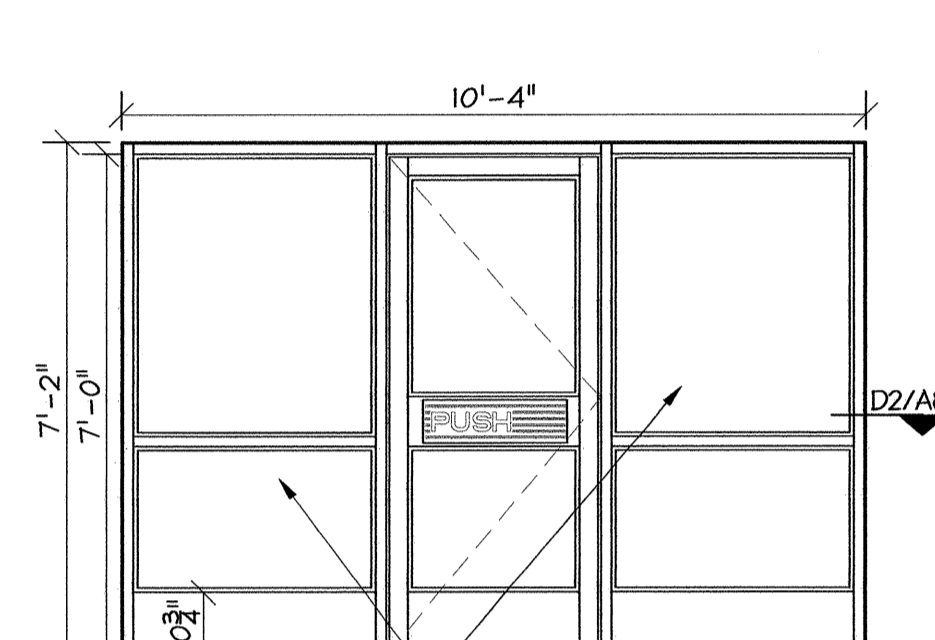
C6 DOOR ELEVATIONS
A8 SCALE: 3/8" = 1'-0"



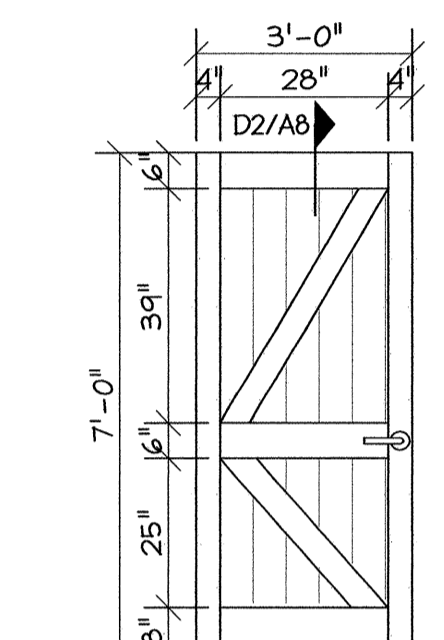
03 **04**



05



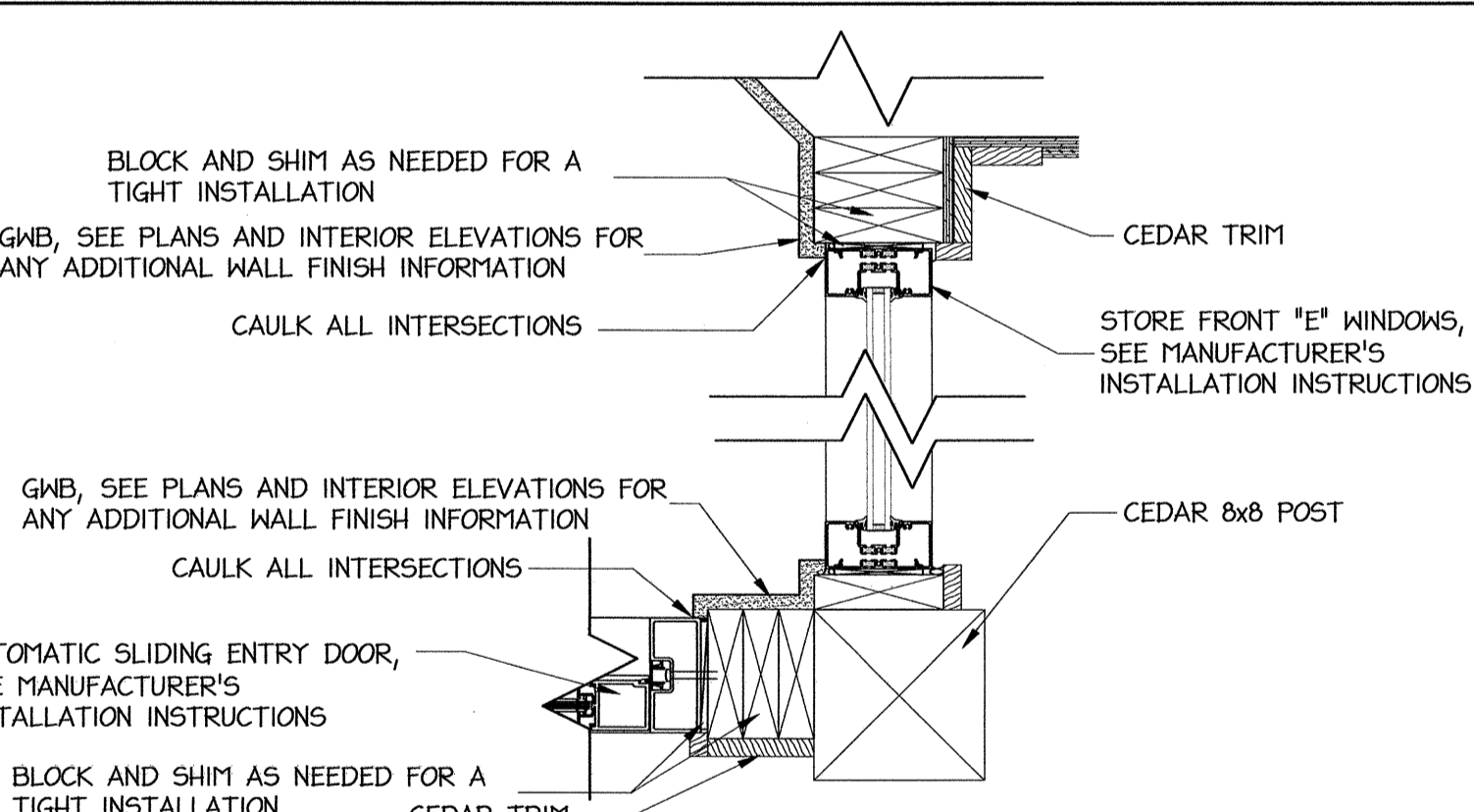
06 **07**



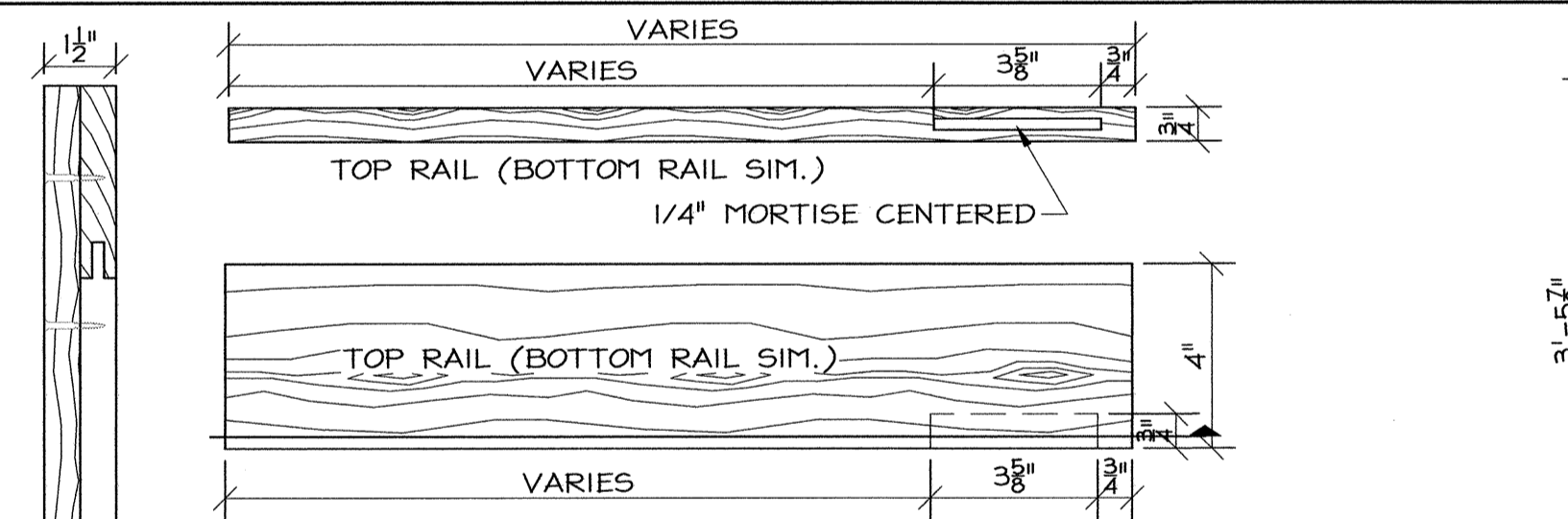
08 **09**

WINDOW SCHEDULE:

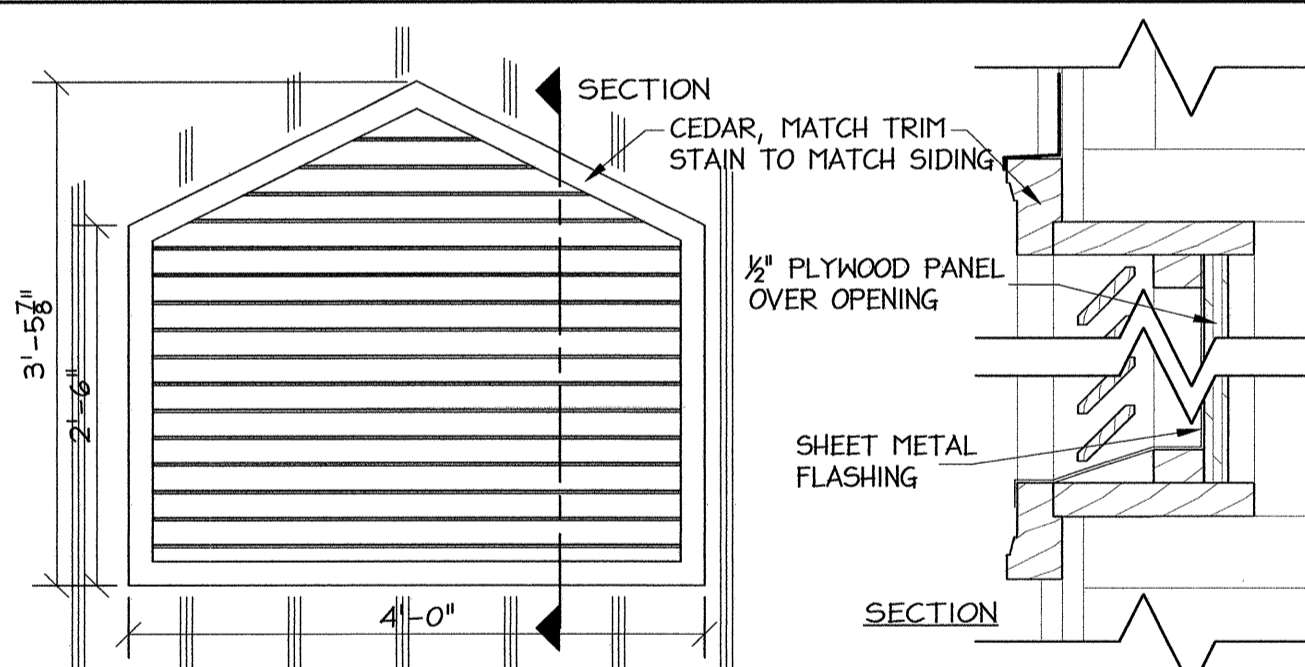
MARK	OPENING SIZE	FRAME MAT.	COLOR	REMARKS
A	2'-0"x2'-0"	M. GLAD	BROWN	5/8" INSUL. GL. OBSCURE, AWNING
B	3'-5"x3'-5"	M. GLAD	BROWN	5/8" INSUL. GL. LOW-E, DARK BRONZE TINT, FIXED
C	3'-5"x3'-5"	M. GLAD	BROWN	5/8" INSUL. GL. LOW-E, CLEAR, FIXED
D	2'-0"x3'-10"	WOOD	BROWN	1/4" LAMINATE, SAFETY GLASS, OBSCURED, FIXED
E	4'-0"x8'-0"	ALUM. TB	BROWN	THERMALLY BROKEN ALUMINUM STORE FRONT, 5/8" INSUL. GL. LOW-E, CLEAR



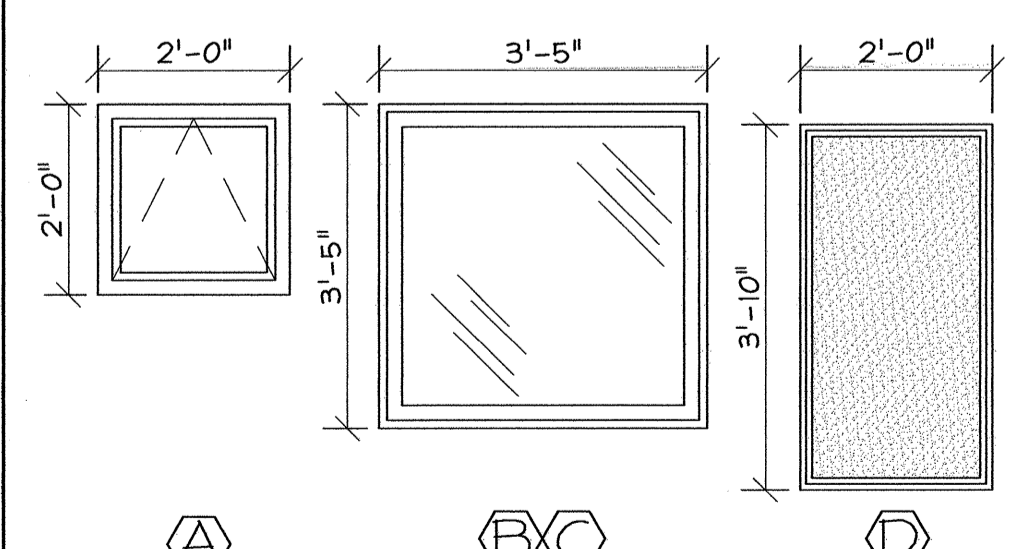
B4 ENTRY DOOR/WIN DETAILS
A8 SCALE: 1 1/2" = 1'-0"



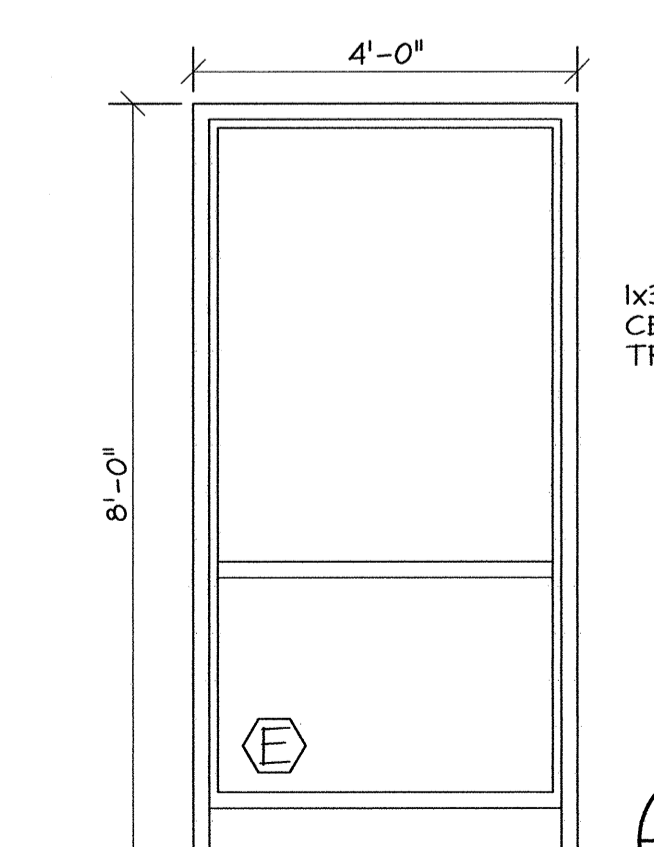
B4 SHUTTER SECTIONS
A8 SCALE: 3/8" = 1'-0"



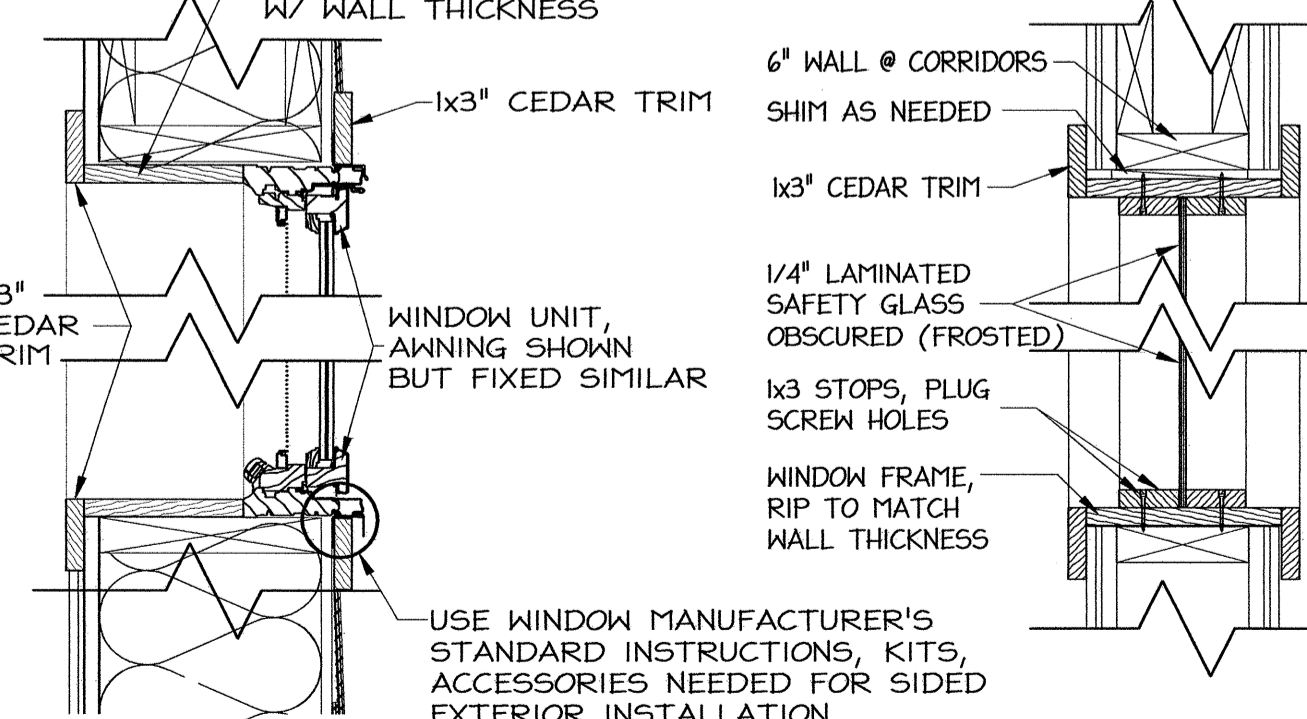
B1 GABLE VENT ELEV. & SECT.
A8 SCALE: 3/8" = 1'-0" 3/8" = 1'-0"



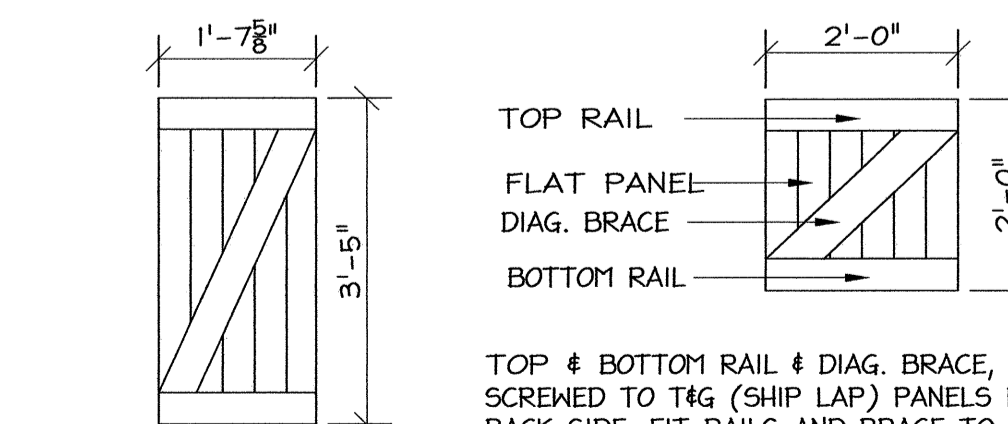
C6 WINDOW ELEVATIONS
A8 SCALE: 1/2" = 1'-0"



C5 "A, B, C" WINDOW SECTIONS
A8 SCALE: 1 1/2" = 1'-0"

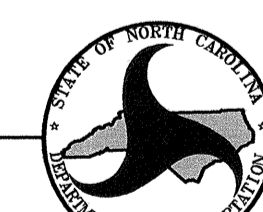


A4 "D" WINDOW SECTION
A8 SCALE: 1 1/2" = 1'-0"



A4 SHUTTER ELEVATIONS
A8 SCALE: 3/8" = 1'-0"

PROJECT:
I-40 REST AREA
JOHNSTON COUNTY NORTH CAROLINA



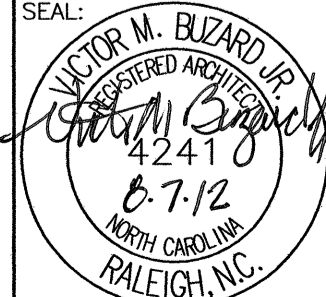
ARCHITECT/ENGINEERS:
FACILITIES DESIGN
FACILITIES MANAGEMENT DIVISION, NCDOT
1 SOUTH WILMINGTON STREET RALEIGH, NORTH CAROLINA 27601
(919) 707-0400 FAX (919) 715-0399

DRAWING TITLE:
DOOR AND WINDOW SCHEDULES, ELEVATIONS AND SECTIONS

DRAWN BY: CLS, RA, DB CHECKED BY: V. BUZARD ISSUE DATE: 06/25/2012

SEAL: TIP. PROJ. NO. WBS. NO. CONTRACT ID NO. FEDERAL - AID NO.
K-5001 41533.3.1 - - IMS-040-5(49)325

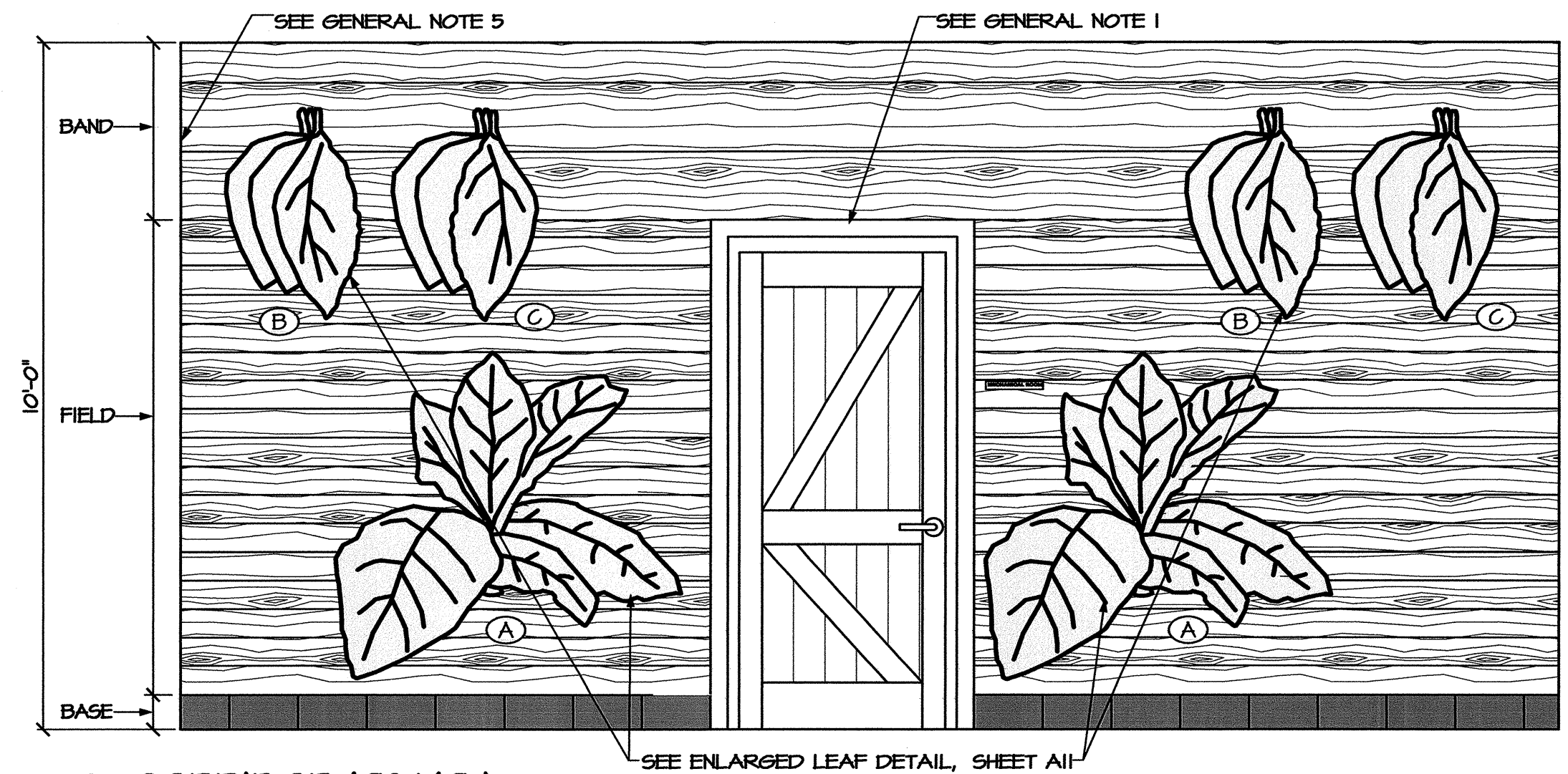
NO.	REVISIONS/SUBMISSIONS	DATE	SHEET NO.
			A8



A8
OF 11

FINISH - COLOR SCHEDULE

ROOM	NO.	FLOOR	BASE		NORTH WALL		EAST WALL		SOUTH WALL		WEST WALL		CEILING		REMARKS	
			MAT.	COLOR	MAT.	COLOR	MAT.	COLOR	MAT.	COLOR	MAT.	COLOR	MAT.	COLOR		HEIGHT
ENTRY	100		SEE SPEC.	SEE SPEC.	-	-	SEE REMARKS	SEE SPEC.	-	-	-	-	SEE SPEC.	T&G	8'-0"	WALL MATERIALS AND COLORS, SEE SHEET A9- A11
ENTRY	101				-	-	-	-	-	-	-	-	-	T&G	8'-0"	
LOBBY	102				-	-	SEE REMARKS	SEE SPEC.	-	-	SEE REMARKS	SEE SPEC.	OSB	OPEN TO STRUCTURE		WALL MATERIALS AND COLORS, SEE SHEET A9- A11
CORRIDOR	103						SEE REMARKS						OSB	OPEN TO STRUCTURE		WALL MATERIALS AND COLORS, SEE SHEET A9- A11
CORRIDOR	104												DW	10'-0"		WALL MATERIALS AND COLORS, SEE SHEET A9- A11
WOMEN'S ROOM	105												DW	SLOPING		WALL MATERIALS AND COLORS, SEE SHEET A9- A11
MECHANICAL ROOM	106		CONC.	-	OSB	OSB	OSB	OSB	OSB	OSB	OSB	OSB	DW	10'-0"		
WOMEN'S ROOM	107		SEE SPEC.	SEE SPEC.	SEE REMARKS	SEE REMARKS	SEE REMARKS	SEE REMARKS	SEE REMARKS	SEE REMARKS	SEE REMARKS	SEE REMARKS	DW	SLOPING		WALL MATERIALS AND COLORS, SEE SHEET A9- A11
STORAGE ROOM	108				DW	DW	DW	DW	DW	DW	DW	DW	DW	10'-0"		PAINT WALLS
MEN'S ROOM	104				SEE REMARKS	SEE REMARKS	SEE REMARKS	SEE REMARKS	SEE REMARKS	SEE REMARKS	SEE REMARKS	SEE REMARKS	DW	SLOPING		WALL MATERIALS AND COLORS, SEE SHEET A9- A11
MECHANICAL ROOM	110		CONC.	-	OSB	OSB	OSB	OSB	OSB	OSB	OSB	OSB	DW	10'-0"		
MEN'S ROOM	111		SEE SPEC.	-	SEE REMARKS	SEE REMARKS	SEE REMARKS	SEE REMARKS	SEE REMARKS	SEE REMARKS	SEE REMARKS	SEE REMARKS	DW	SLOPING		WALL MATERIALS AND COLORS, SEE SHEET A9- A11
UNISEX BATH RM	112		SEE SPEC.	SEE SPEC.	SEE REMARKS	SEE REMARKS	SEE REMARKS	SEE REMARKS	SEE REMARKS	SEE REMARKS	SEE REMARKS	SEE REMARKS	DW	SLOPING		WALL MATERIALS AND COLORS, SEE SHEET A9- A11
STORAGE ROOM	113				DW	DW	DW	DW	DW	DW	DW	DW	DW	10'-0"		PAINT WALLS

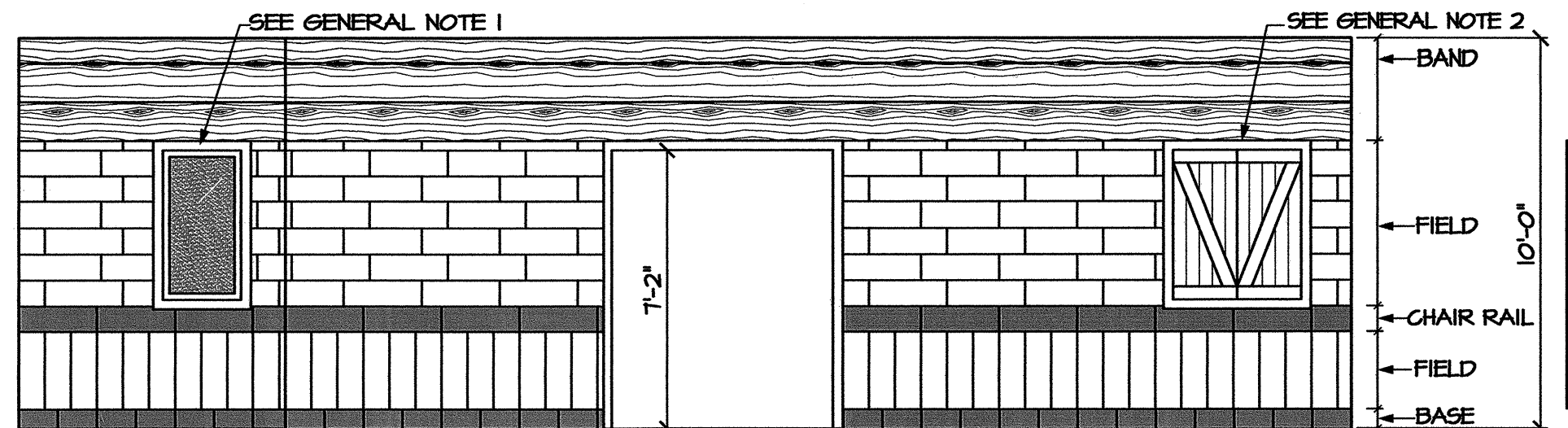


D2 CORRIDOR 103/104
A9 SCALE: 1/2" = 1'-0"

LEGEND:
BAND (INSTALL AS SHOWN):
1X6 SELECT KNOTTY T&G
FIELD (INSTALL AS SHOWN):
1X6 SELECT KNOTTY T&G
BASE (6" X 12" COVE BASE):
DAL TILE, C553 ASIAN BLACK

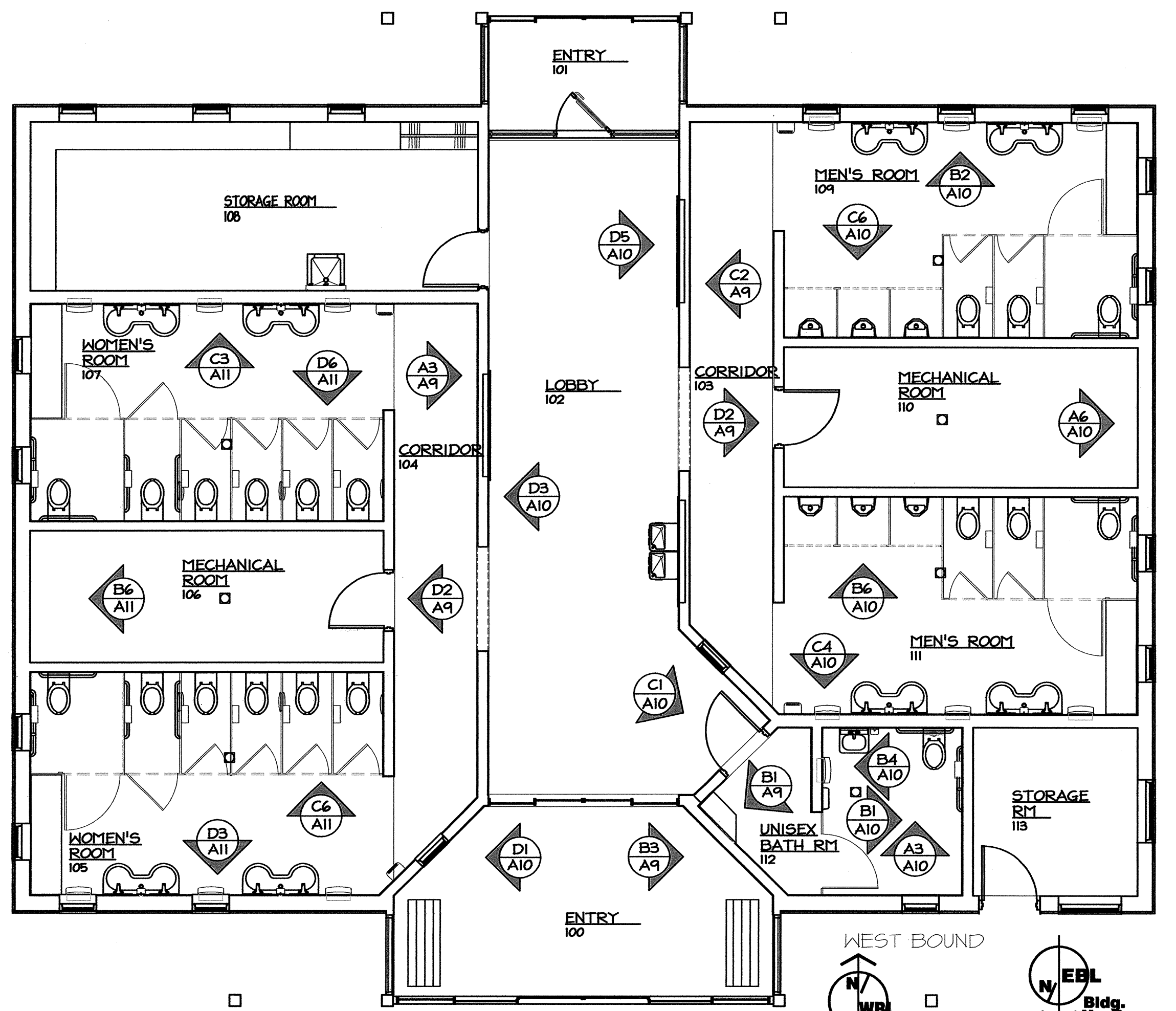
GENERAL NOTE:

- ALL INTERIOR WOOD TRIMS TO BE INSTALLED AFTER TILE AND CEDAR INSTALLATIONS.
- CENTER SHUTTER ON OPPOSITE BATHROOM ENTRY.
- CENTER HAND DRYER ON 24" TILE.
- STACK 4" X 24" BULL NOSE HICKORY TILES ON END WALL TILE- SEE DETAIL DIA6.
- CORRIDOR 103 WALL TOWARD WOMEN IS SHORTER THAN MENS, ADJUST CEDAR INSTALLATION AS NECESSARY.
- SEE DIA5 FOR DISPLAY CASE.
- RUSTY STEEL METAL SIGN MOUNTED ON WEATHERED RUSTIC WOOD- BY OWNER.

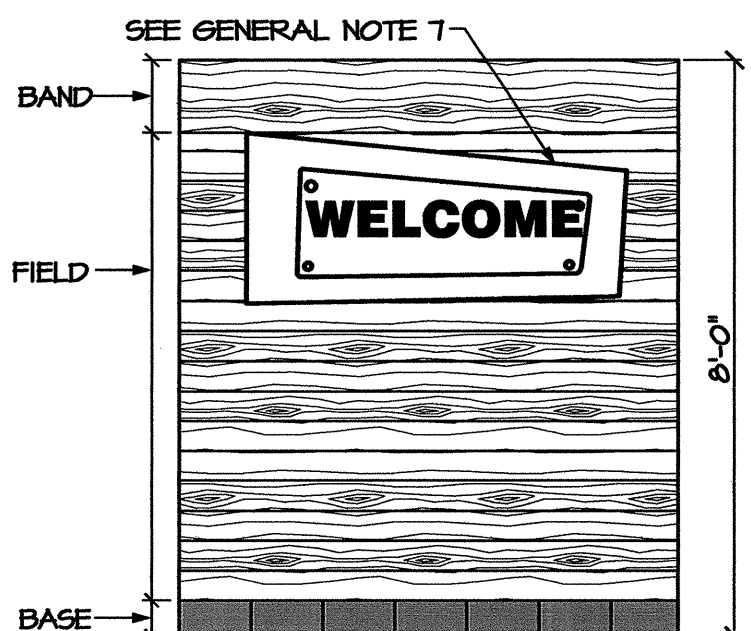


C2 CORRIDOR 103
A9 SCALE: 1/4" = 1'-0"

LEGEND:
BAND (INSTALL AS SHOWN):
1X6 SELECT KNOTTY T&G
CHAIR RAIL (8" X 24"):
DAL TILE, P613 HEATH
FIELD (8" X 24"):
DAL TILE, P611 HICKORY
BASE (6" X 12" COVE BASE):
DAL TILE, C553 ASIAN BLACK

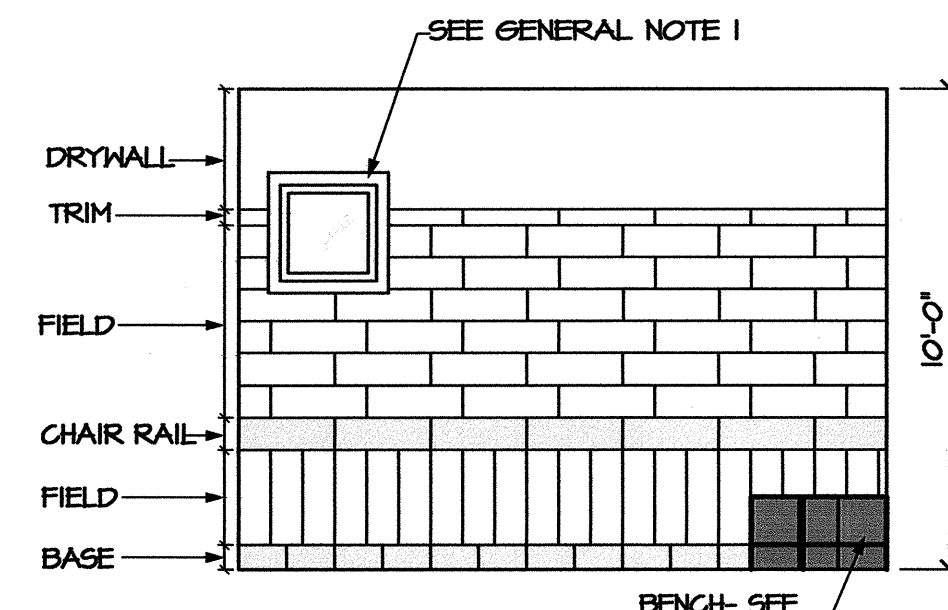


KEY PLAN
SCALE: NTS



B3 ENTRY 100
A9 SCALE: 3/8" = 1'-0"

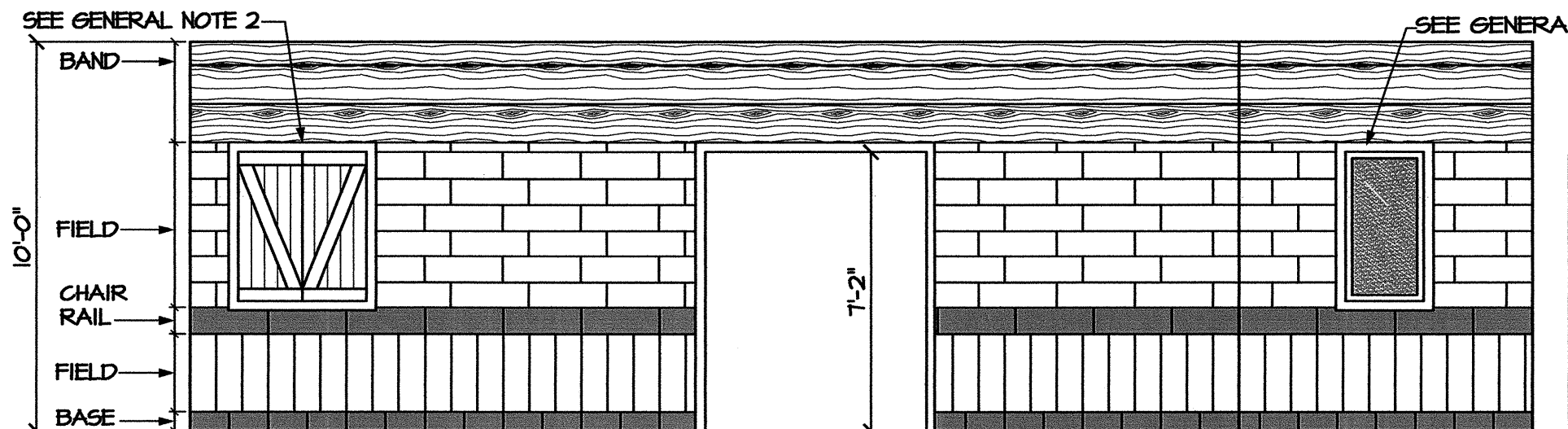
LEGEND:
BAND (INSTALL AS SHOWN):
1X6 SELECT KNOTTY T&G
FIELD (INSTALL AS SHOWN):
1X6 SELECT KNOTTY T&G
BASE (6" X 12" COVE BASE):
DAL TILE, C553 ASIAN BLACK



B1 UNISEX BATH ROOM 112
A9 SCALE: 1/4" = 1'-0"

LEGEND:
TRIM (4" X 24" BULLNOSE):
DAL TILE, P611 HICKORY
CHAIR RAIL (8" X 24"):
DAL TILE, P613 HEATH
FIELD (8" X 24"):
DAL TILE, P611 HICKORY
BASE (6" X 12" COVE BASE):
DAL TILE, C553 ASIAN BLACK

LEGEND (BENCH):
FIELD (12" X 12"):
DAL TILE, C553 ASIAN BLACK
FIELD (8" X 12" BULL NOSE):
DAL TILE, C553 ASIAN BLACK
BASE (6" X 12" COVE BASE):
DAL TILE, C553 ASIAN BLACK



A3 CORRIDOR 104
A9 SCALE: 1/4" = 1'-0"

LEGEND:
BAND (INSTALL AS SHOWN):
1X6 SELECT KNOTTY T&G
CHAIR RAIL (8" X 24"):
DAL TILE, P613 HEATH
FIELD (8" X 24"):
DAL TILE, P611 HICKORY
BASE (6" X 12" COVE BASE):
DAL TILE, C553 ASIAN BLACK

PROJECT:
I-40 REST AREA
JOHNSTON COUNTY NORTH CAROLINA

ARCHITECT/ENGINEERS:
FACILITIES DESIGN
FACILITIES MANAGEMENT DIVISION, NCDOT
1 SOUTH WILMINGTON STREET
RALEIGH, NORTH CAROLINA 27601
(919) 707-0400 FAX (919) 715-0399

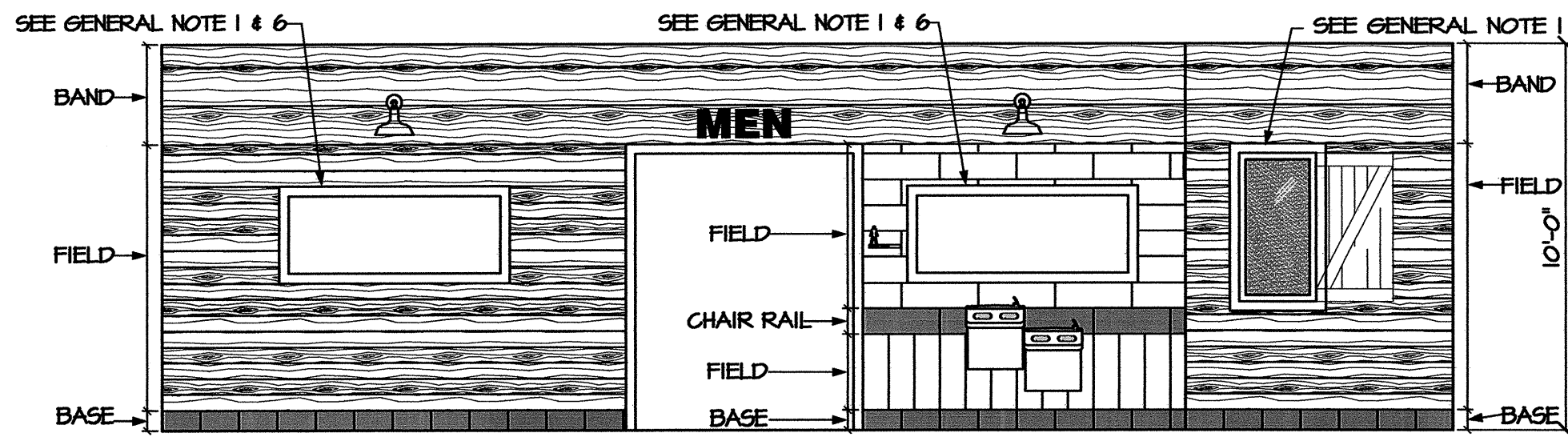
DRAWING TITLE:

DRAWN BY: CLS, RA, DB CHECKED BY: V. BUZARD ISSUE DATE: 05/25/2012

SEAL: **CLYDE M. BUZARD** REGISTERED ARCHITECT 42410 8-7-12 NORTH CAROLINA RALEIGH, N.C.

TIP. PROJ. NO.	WBS. NO.	CONTRACT ID NO.	FEDERAL - AID NO.
K-5001	41533.3.1	-	IMS-040-5(49)325
NO.	REVISIONS/SUBMISSIONS	DATE	SHEET NO.
			A9

OF 11

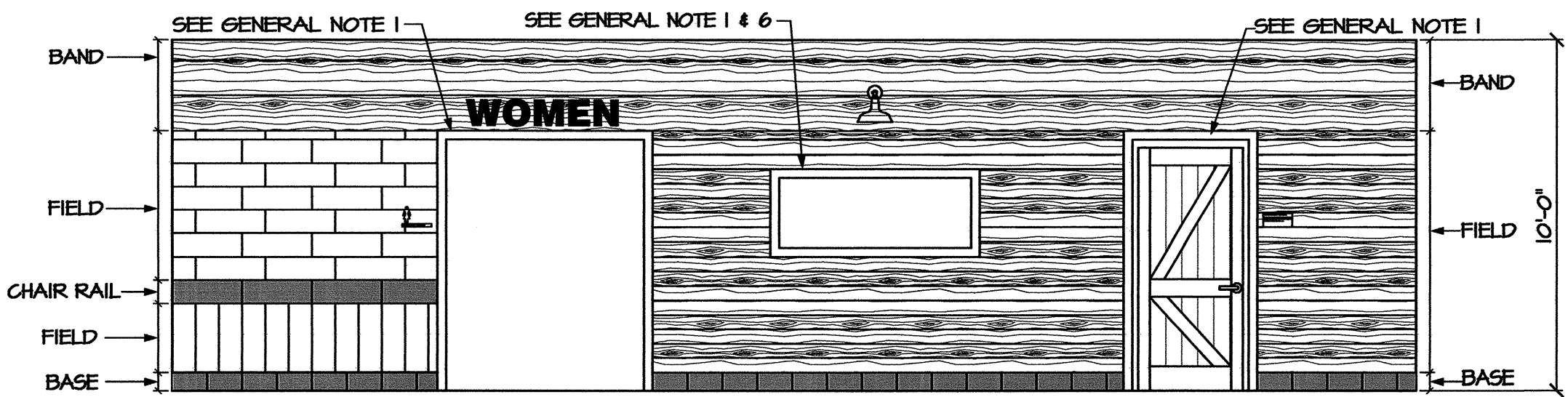


LEGEND:
 BAND (INSTALL AS SHOWN):
 1X6 SELECT KNOTTY T&G
 FIELD (INSTALL AS SHOWN):
 1X6 SELECT KNOTTY T&G
 BASE (6"X 12" COVE BASE):
 DAL TILE, C553 ASIAN BLACK

D5 LOBBY 102
 AIO SCALE: 1/4" = 1'-0"

LEGEND:
 BAND (INSTALL AS SHOWN):
 1X6 SELECT KNOTTY T&G
 CHAIR RAIL (8"X 24"):
 DAL TILE, P611 HICKORY
 FIELD (8"X 24"):
 DAL TILE, P611 HICKORY
 BASE (6"X 12" COVE BASE):
 DAL TILE, C553 ASIAN BLACK

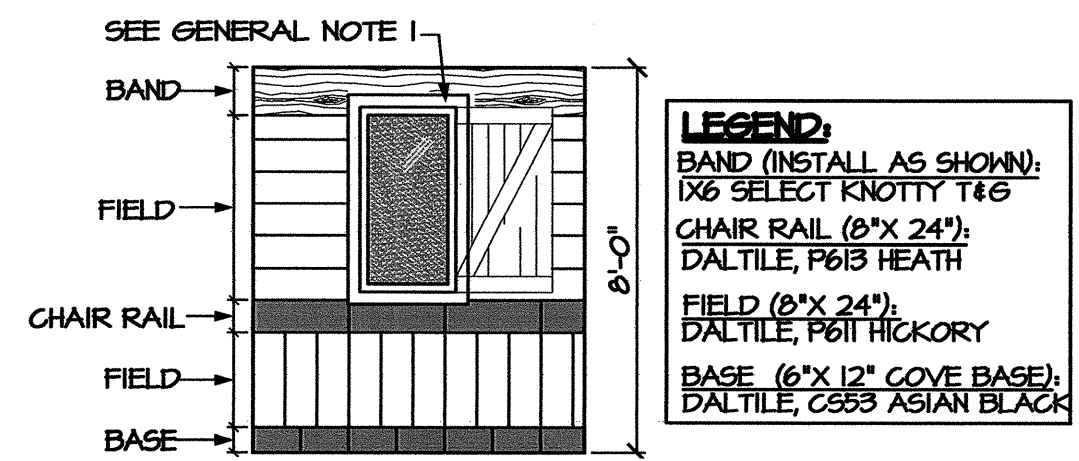
LEGEND:
 BAND (INSTALL AS SHOWN):
 1X6 SELECT KNOTTY T&G
 FIELD (INSTALL AS SHOWN):
 1X6 SELECT KNOTTY T&G
 BASE (6"X 12" COVE BASE):
 DAL TILE, C553 ASIAN BLACK



LEGEND:
 BAND (INSTALL AS SHOWN):
 1X6 SELECT KNOTTY T&G
 CHAIR RAIL (8"X 24"):
 DAL TILE, P611 HICKORY
 FIELD (8"X 24"):
 DAL TILE, P611 HICKORY
 BASE (6"X 12" COVE BASE):
 DAL TILE, C553 ASIAN BLACK

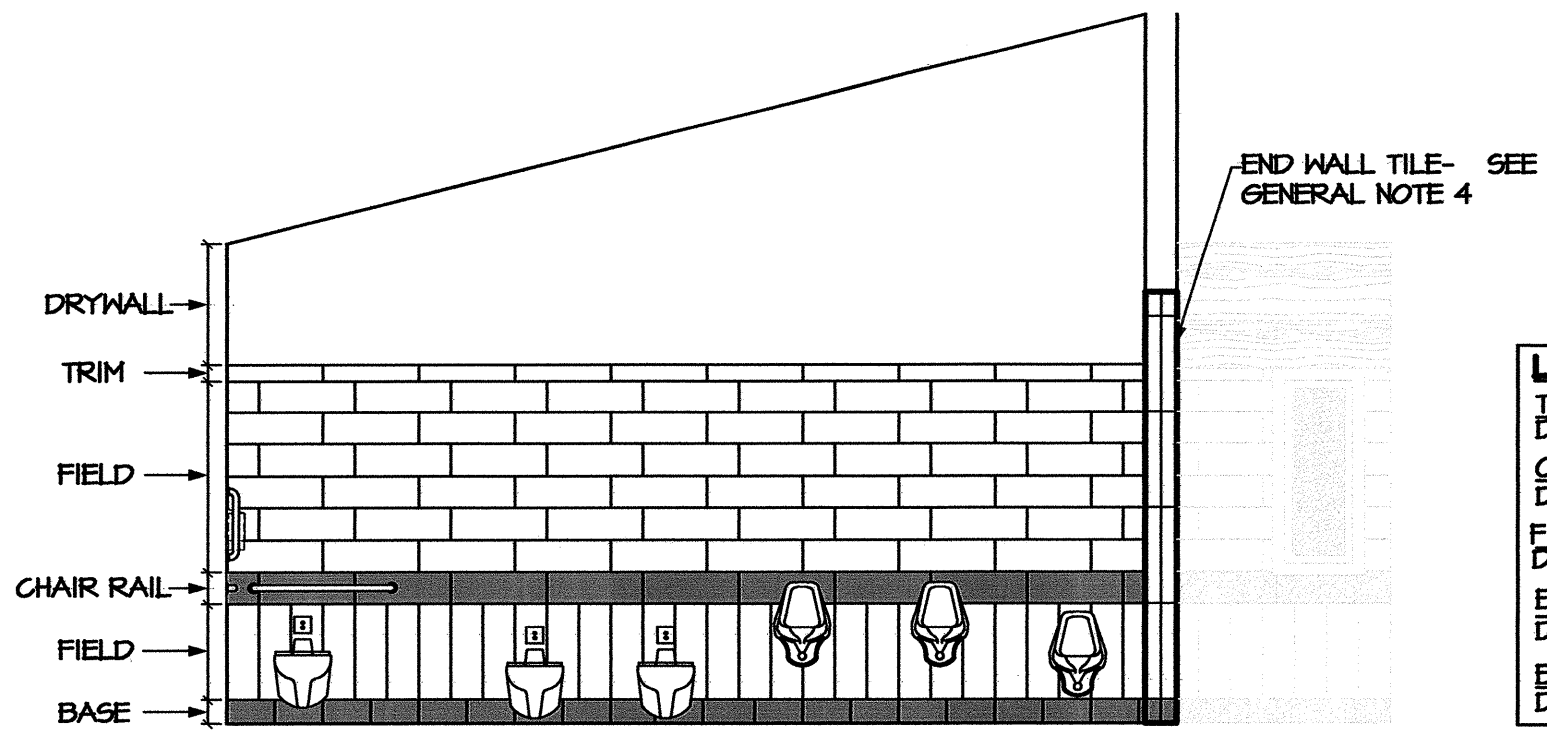
D3 LOBBY 102
 AIO SCALE: 1/4" = 1'-0"

LEGEND:
 BAND (INSTALL AS SHOWN):
 1X6 SELECT KNOTTY T&G
 FIELD (INSTALL AS SHOWN):
 1X6 SELECT KNOTTY T&G
 BASE (6"X 12" COVE BASE):
 DAL TILE, C553 ASIAN BLACK



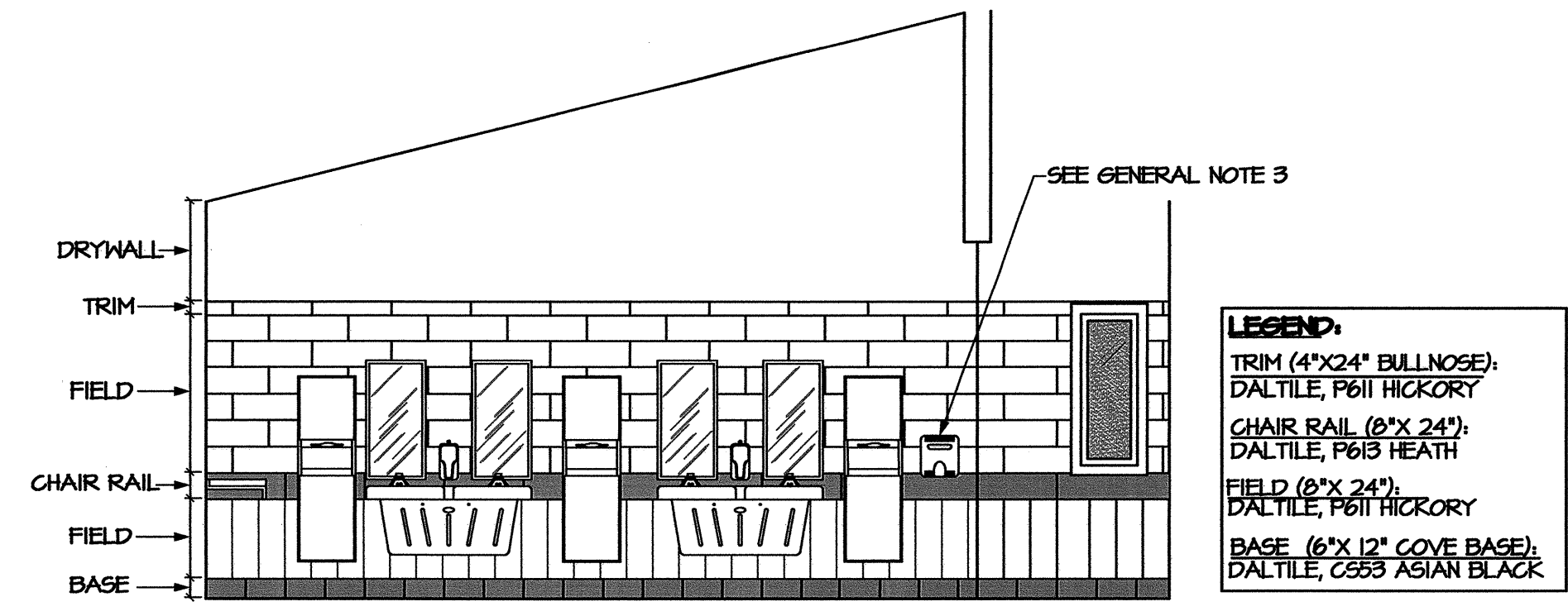
LEGEND:
 BAND (INSTALL AS SHOWN):
 1X6 SELECT KNOTTY T&G
 CHAIR RAIL (8"X 24"):
 DAL TILE, P611 HICKORY
 FIELD (8"X 24"):
 DAL TILE, P611 HICKORY
 BASE (6"X 12" COVE BASE):
 DAL TILE, C553 ASIAN BLACK

D1 ENTRY 100
 AIO SCALE: 1/4" = 1'-0"



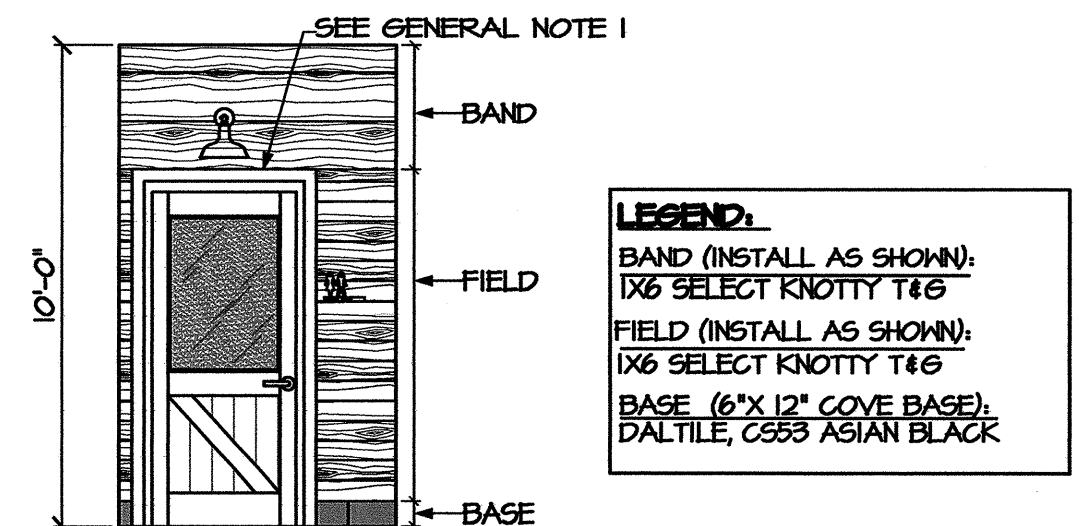
LEGEND:
 TRIM (4"X24" BULLNOSE):
 DAL TILE, P611 HICKORY
 CHAIR RAIL (8"X 24"):
 DAL TILE, P611 HICKORY
 FIELD (8"X 24"):
 DAL TILE, P611 HICKORY
 END WALL TILE (2-4"X24" BULLNOSE):
 DAL TILE, P611 HICKORY
 BASE (6"X 12" COVE BASE):
 DAL TILE, C553 ASIAN BLACK

C6 MEN'S 109
 AIO SCALE: 1/4" = 1'-0"



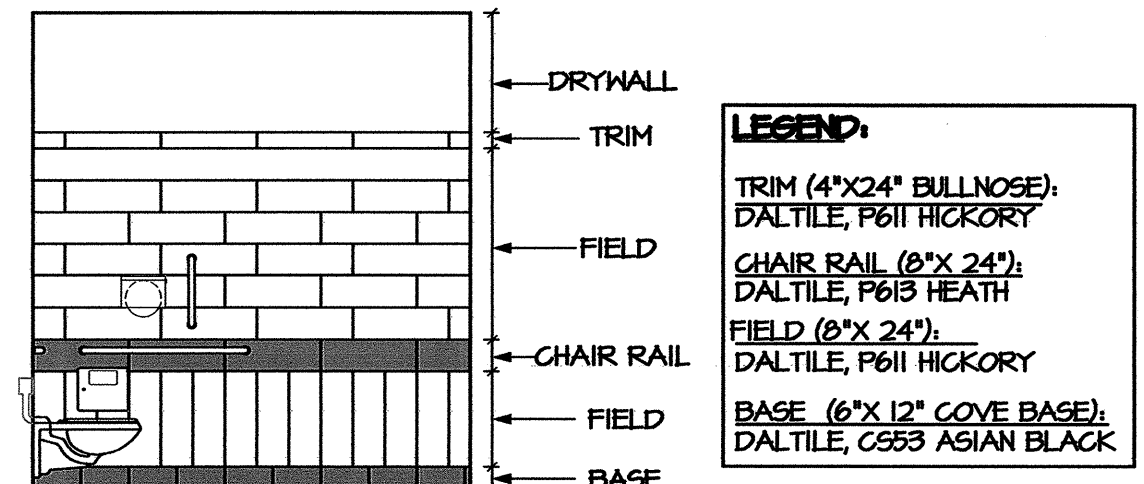
LEGEND:
 TRIM (4"X24" BULLNOSE):
 DAL TILE, P611 HICKORY
 CHAIR RAIL (8"X 24"):
 DAL TILE, P611 HICKORY
 FIELD (8"X 24"):
 DAL TILE, P611 HICKORY
 BASE (6"X 12" COVE BASE):
 DAL TILE, C553 ASIAN BLACK

C4 MEN'S III
 AIO SCALE: 1/4" = 1'-0"



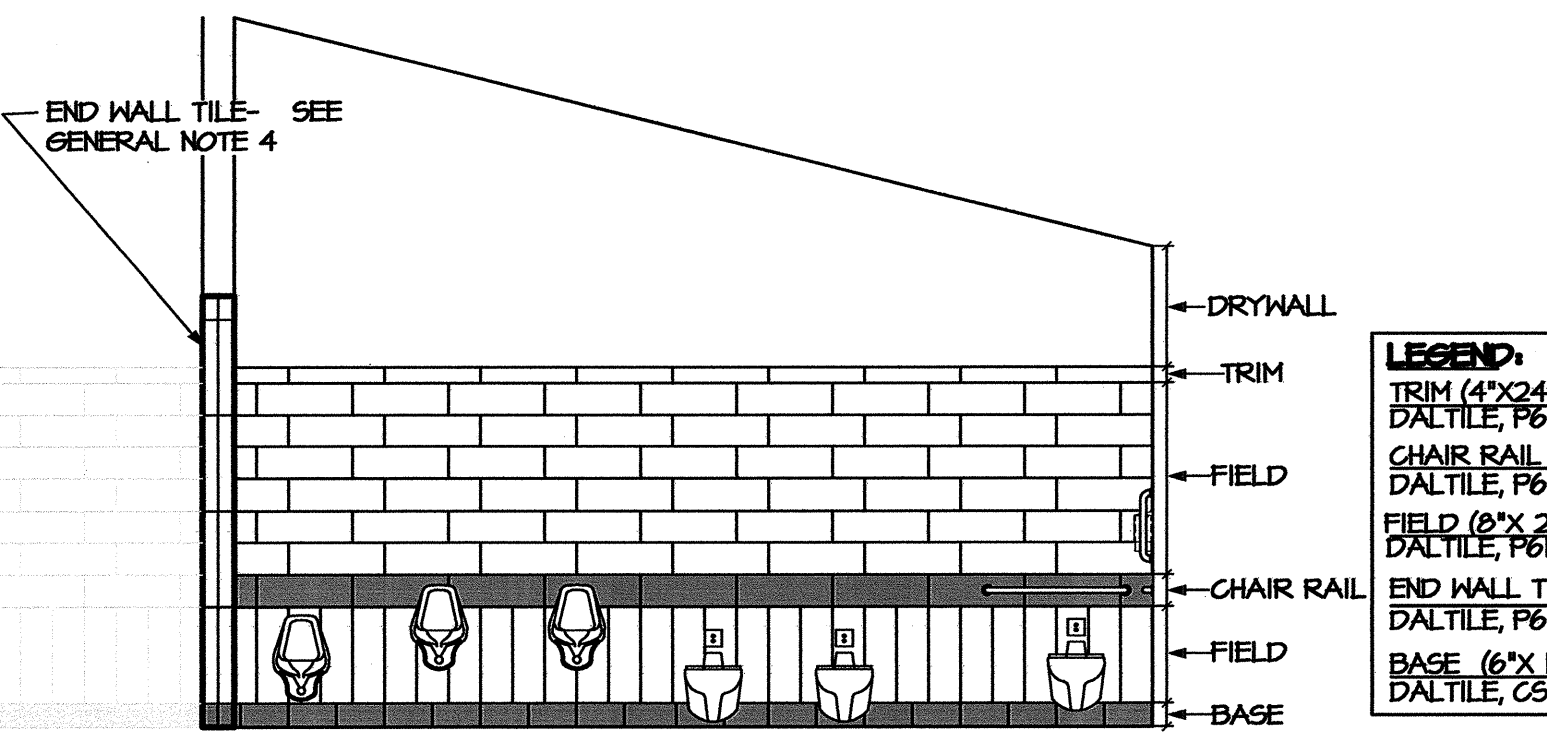
LEGEND:
 BAND (INSTALL AS SHOWN):
 1X6 SELECT KNOTTY T&G
 FIELD (INSTALL AS SHOWN):
 1X6 SELECT KNOTTY T&G
 BASE (6"X 12" COVE BASE):
 DAL TILE, C553 ASIAN BLACK

C1 LOBBY 102
 AIO SCALE: 1/4" = 1'-0"



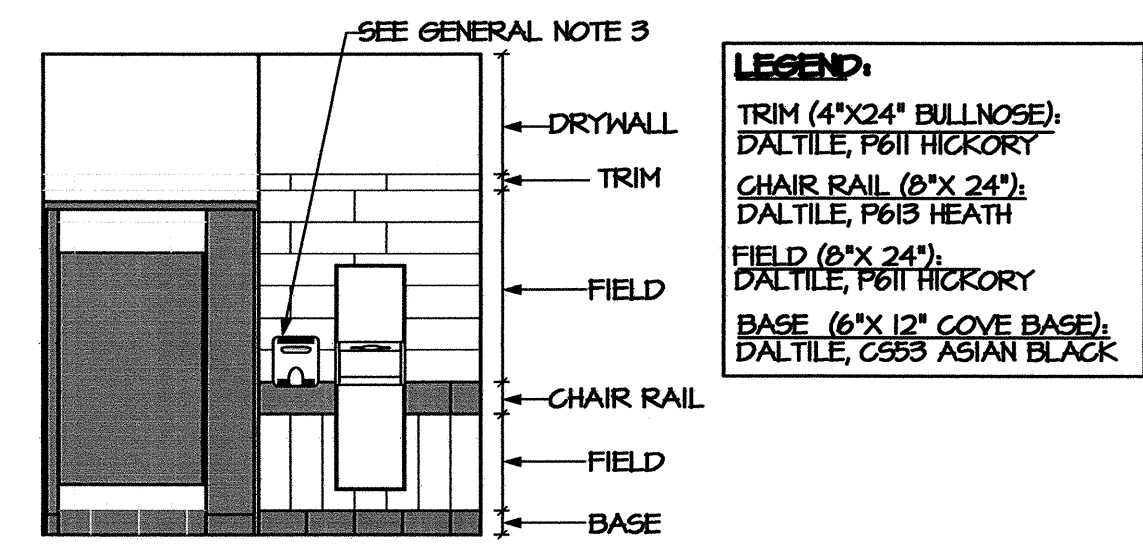
LEGEND:
 TRIM (4"X24" BULLNOSE):
 DAL TILE, P611 HICKORY
 CHAIR RAIL (8"X 24"):
 DAL TILE, P611 HICKORY
 FIELD (8"X 24"):
 DAL TILE, P611 HICKORY
 BASE (6"X 12" COVE BASE):
 DAL TILE, C553 ASIAN BLACK

B1 UNISEX BATH RM 112
 AIO SCALE: 1/4" = 1'-0"



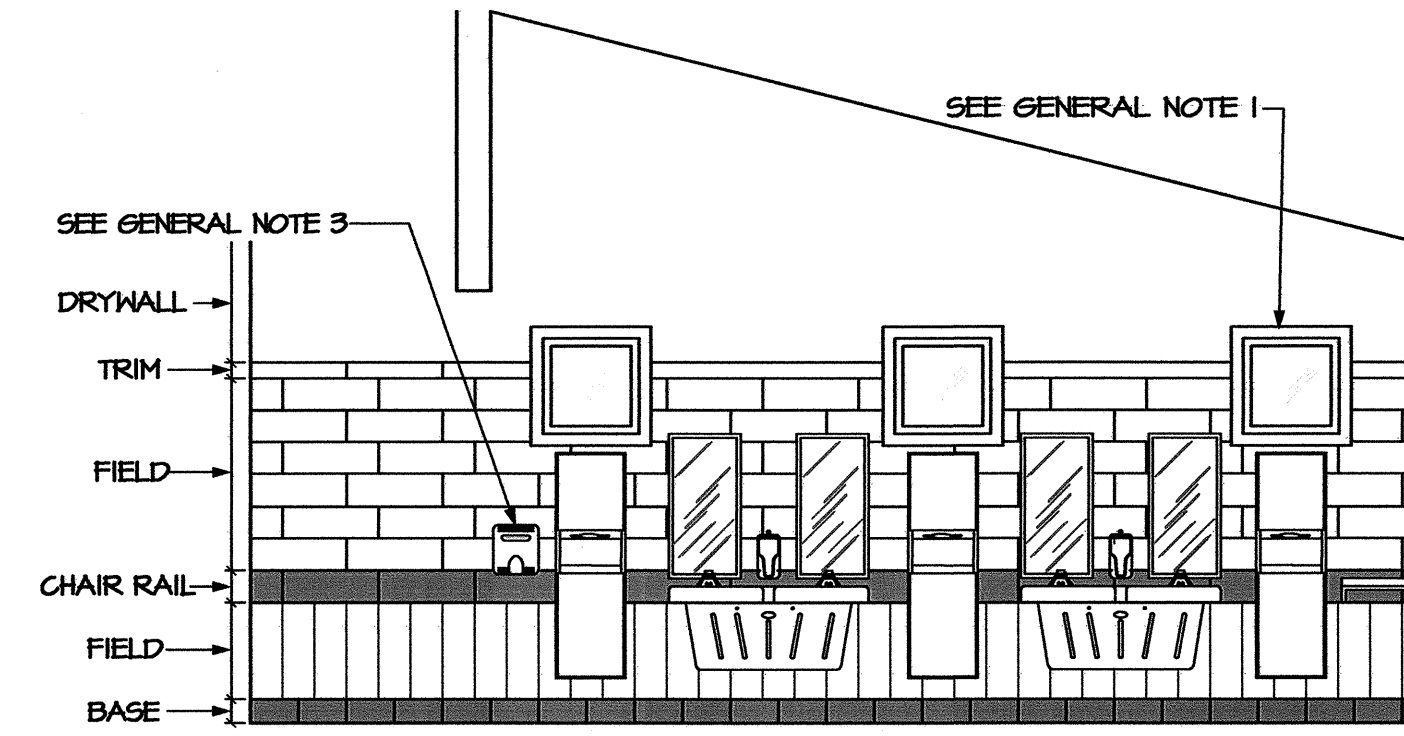
LEGEND:
 TRIM (4"X24" BULLNOSE):
 DAL TILE, P611 HICKORY
 CHAIR RAIL (8"X 24"):
 DAL TILE, P611 HICKORY
 FIELD (8"X 24"):
 DAL TILE, P611 HICKORY
 END WALL TILE (2-4"X24" BULLNOSE):
 DAL TILE, P611 HICKORY
 BASE (6"X 12" COVE BASE):
 DAL TILE, C553 ASIAN BLACK

B6 MEN'S III
 AIO SCALE: 1/4" = 1'-0"



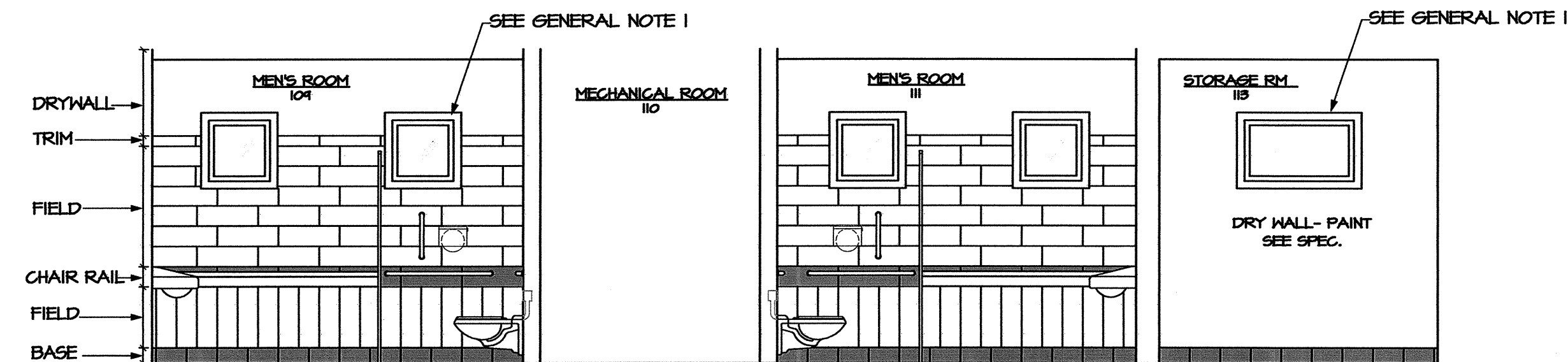
LEGEND:
 TRIM (4"X24" BULLNOSE):
 DAL TILE, P611 HICKORY
 CHAIR RAIL (8"X 24"):
 DAL TILE, P611 HICKORY
 FIELD (8"X 24"):
 DAL TILE, P611 HICKORY
 BASE (6"X 12" COVE BASE):
 DAL TILE, C553 ASIAN BLACK

B4 UNISEX BATH ROOM 112
 AIO SCALE: 1/4" = 1'-0"



LEGEND:
 TRIM (4"X24" BULLNOSE):
 DAL TILE, P611 HICKORY
 CHAIR RAIL (8"X 24"):
 DAL TILE, P611 HICKORY
 FIELD (8"X 24"):
 DAL TILE, P611 HICKORY
 BASE (6"X 12" COVE BASE):
 DAL TILE, C553 ASIAN BLACK

B2 MEN'S 109
 AIO SCALE: 1/4" = 1'-0"

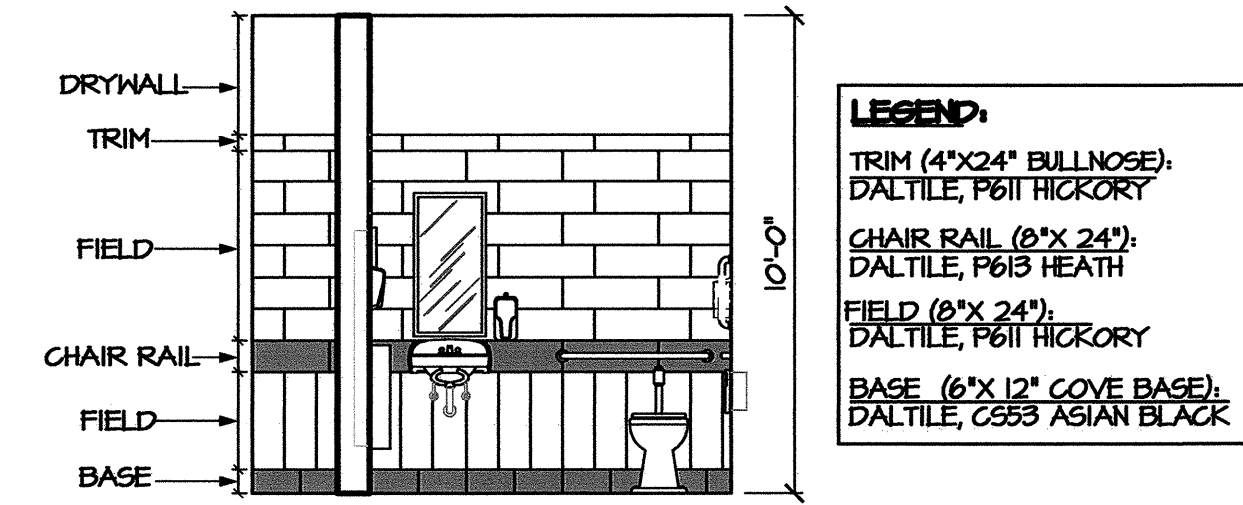


LEGEND:
 TRIM (4"X24" BULLNOSE):
 DAL TILE, P611 HICKORY
 CHAIR RAIL (8"X 24"):
 DAL TILE, P611 HICKORY
 FIELD (8"X 24"):
 DAL TILE, P611 HICKORY
 BASE (6"X 12" COVE BASE):
 DAL TILE, C553 ASIAN BLACK

A6 ELEV.
 AIO SCALE: 1/4" = 1'-0"

LEGEND:
 TRIM (4"X24" BULLNOSE):
 DAL TILE, P611 HICKORY
 CHAIR RAIL (8"X 24"):
 DAL TILE, P611 HICKORY
 FIELD (8"X 24"):
 DAL TILE, P611 HICKORY
 BASE (6"X 12" COVE BASE):
 DAL TILE, C553 ASIAN BLACK

LEGEND:
 PAINT
 BASE (6"X 12" COVE BASE):
 DAL TILE, C553 ASIAN BLACK



LEGEND:
 TRIM (4"X24" BULLNOSE):
 DAL TILE, P611 HICKORY
 CHAIR RAIL (8"X 24"):
 DAL TILE, P611 HICKORY
 FIELD (8"X 24"):
 DAL TILE, P611 HICKORY
 BASE (6"X 12" COVE BASE):
 DAL TILE, C553 ASIAN BLACK

A3 UNISEX BATH RM 112
 AIO SCALE: 1/4" = 1'-0"

PROJECT:
I-40 REST AREA
 JOHNSTON COUNTY NORTH CAROLINA

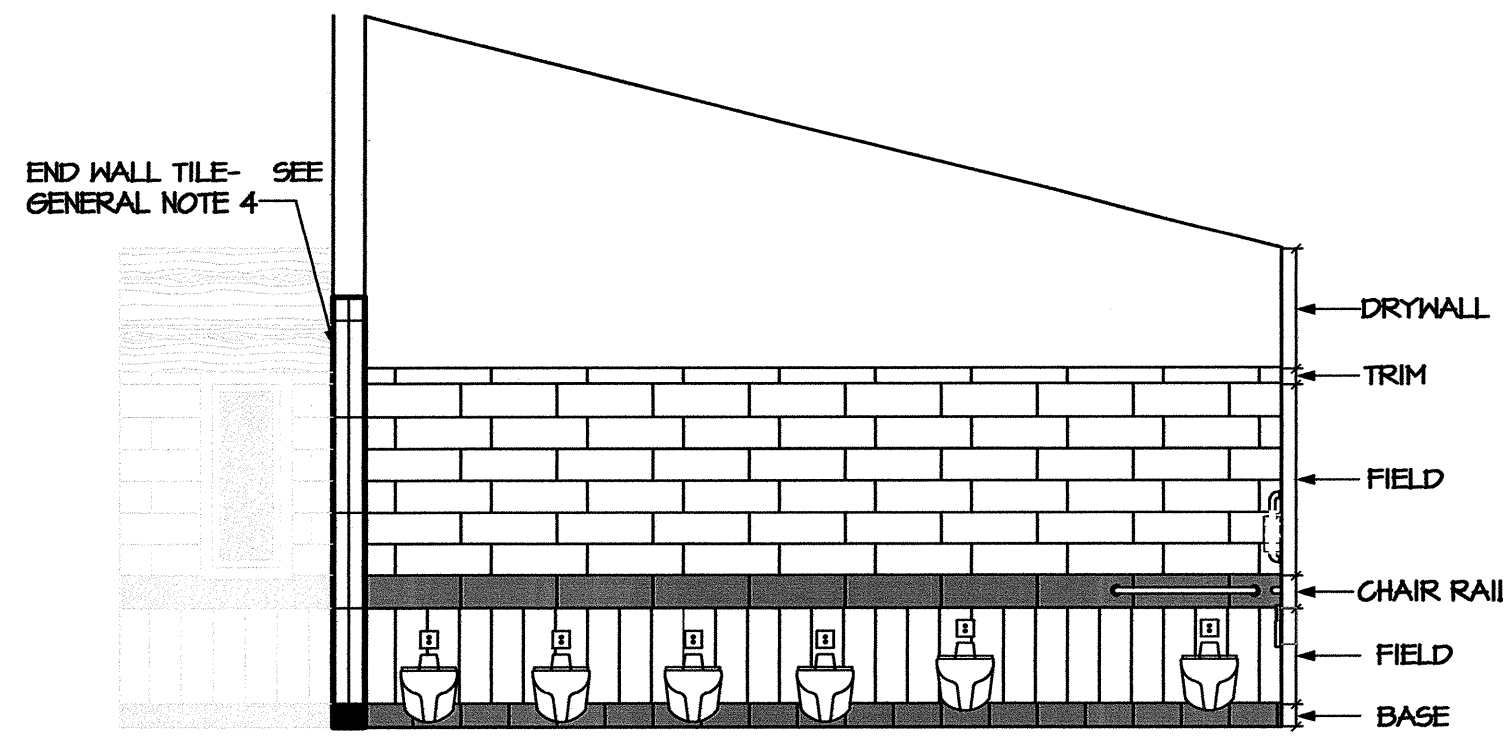
ARCHITECT/ENGINEERS:
FACILITIES DESIGN
 FACILITIES MANAGEMENT DIVISION, NCDOT
 1 SOUTH WILMINGTON STREET
 RALEIGH, NORTH CAROLINA 27601
 (919) 707-0400 FAX (919) 715-0399

DRAWING TITLE:

DRAWN BY: CLS, RA, DB CHECKED BY: V. BUZARD ISSUE DATE: 05/25/2012

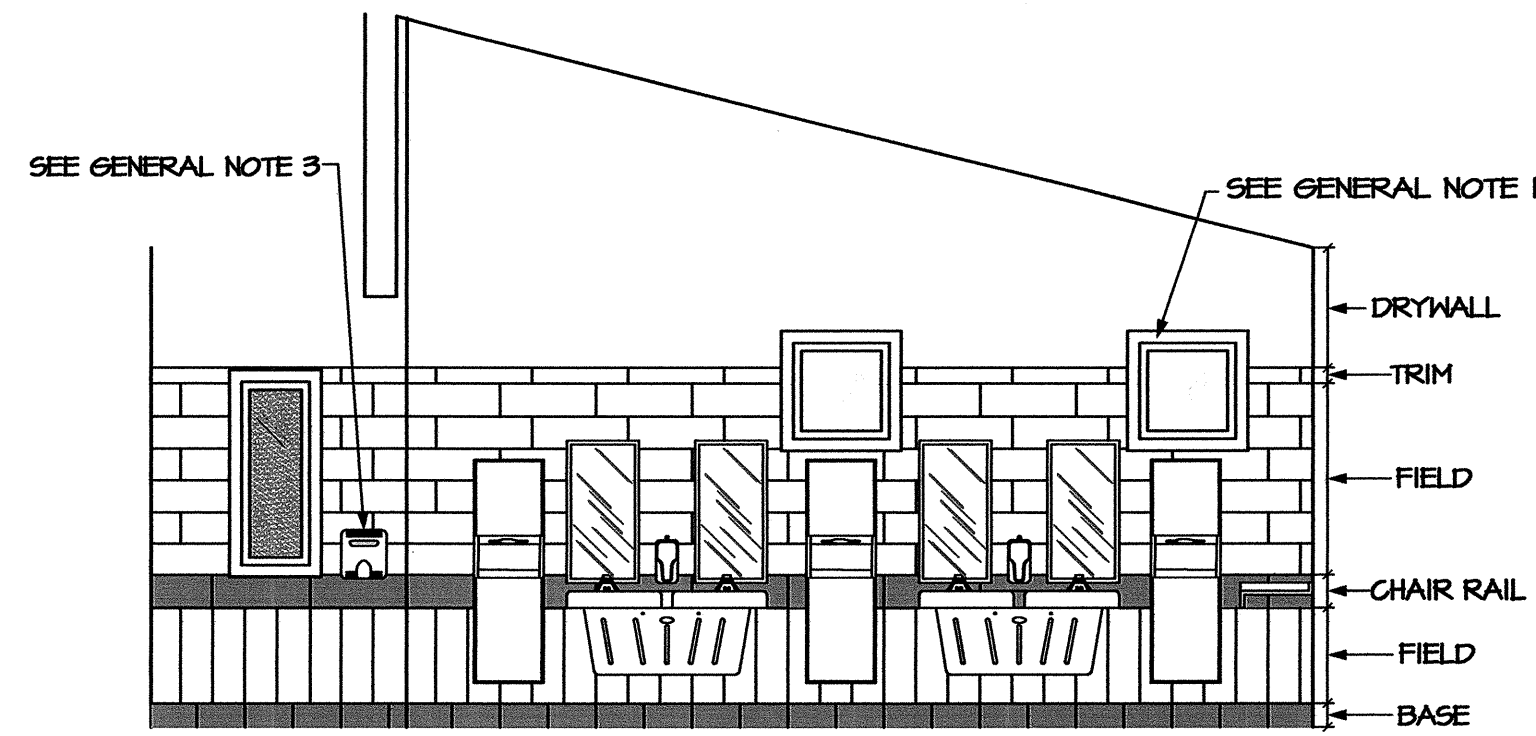
TIP. PROJ. NO. K-5001	WBS. NO. 41533.3.1	CONTRACT ID NO. -	FEDERAL - AID NO. IMS-040-5(49)325
NO.	REVISIONS/SUBMISSIONS	DATE	SHEET NO. A10

OF 11



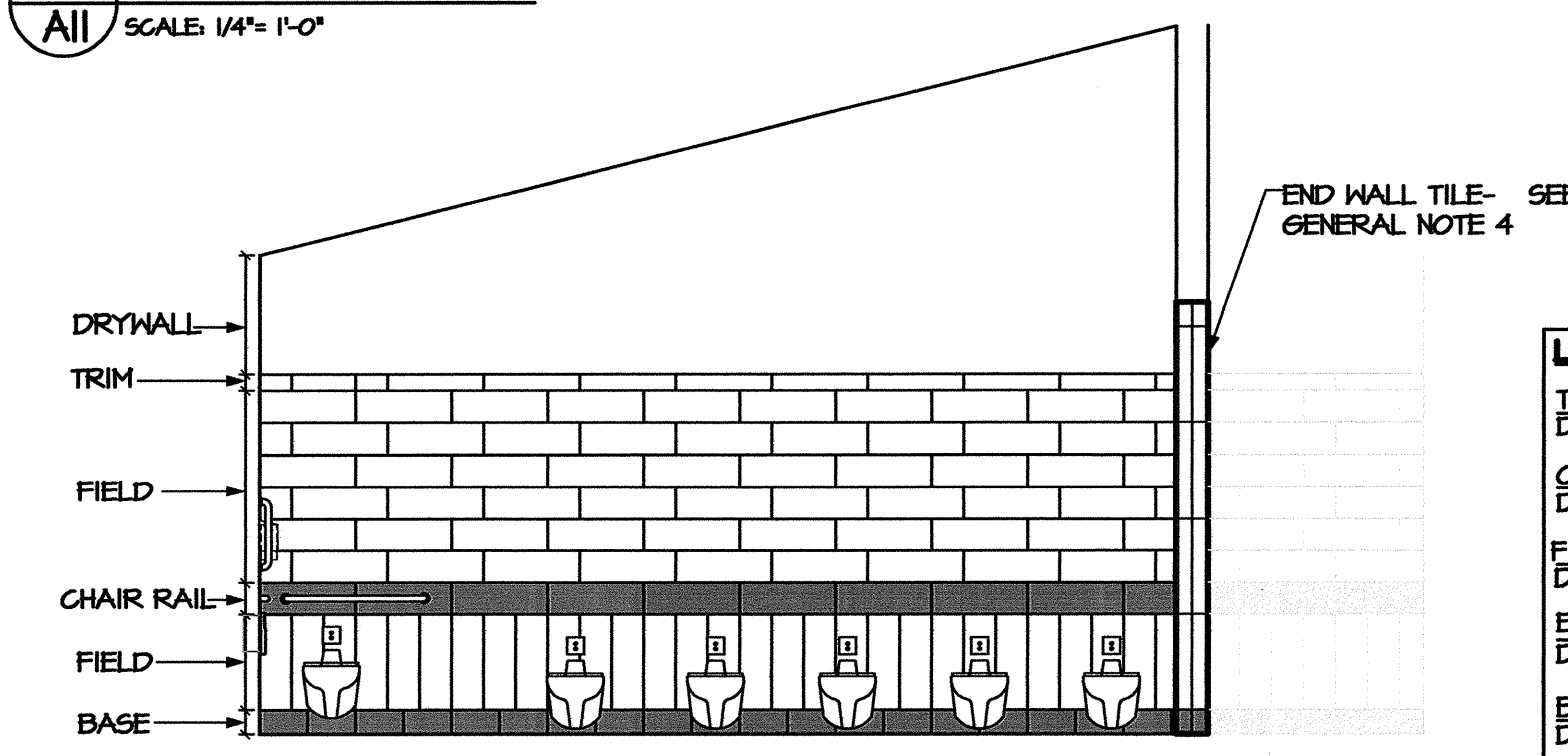
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 CHAIR RAIL (8"x24"):
 DAL TILE, P613 HEATH
 FIELD (8"x24"):
 DAL TILE, P611 HICKORY
 END WALL TILE (2-4"x24" BULLNOSE):
 DAL TILE, P611 HICKORY
 BASE (6"x12" COVE BASE):
 DAL TILE, C553 ASIAN BLACK

D6 WOMEN'S RM 101
 All SCALE: 1/4" = 1'-0"



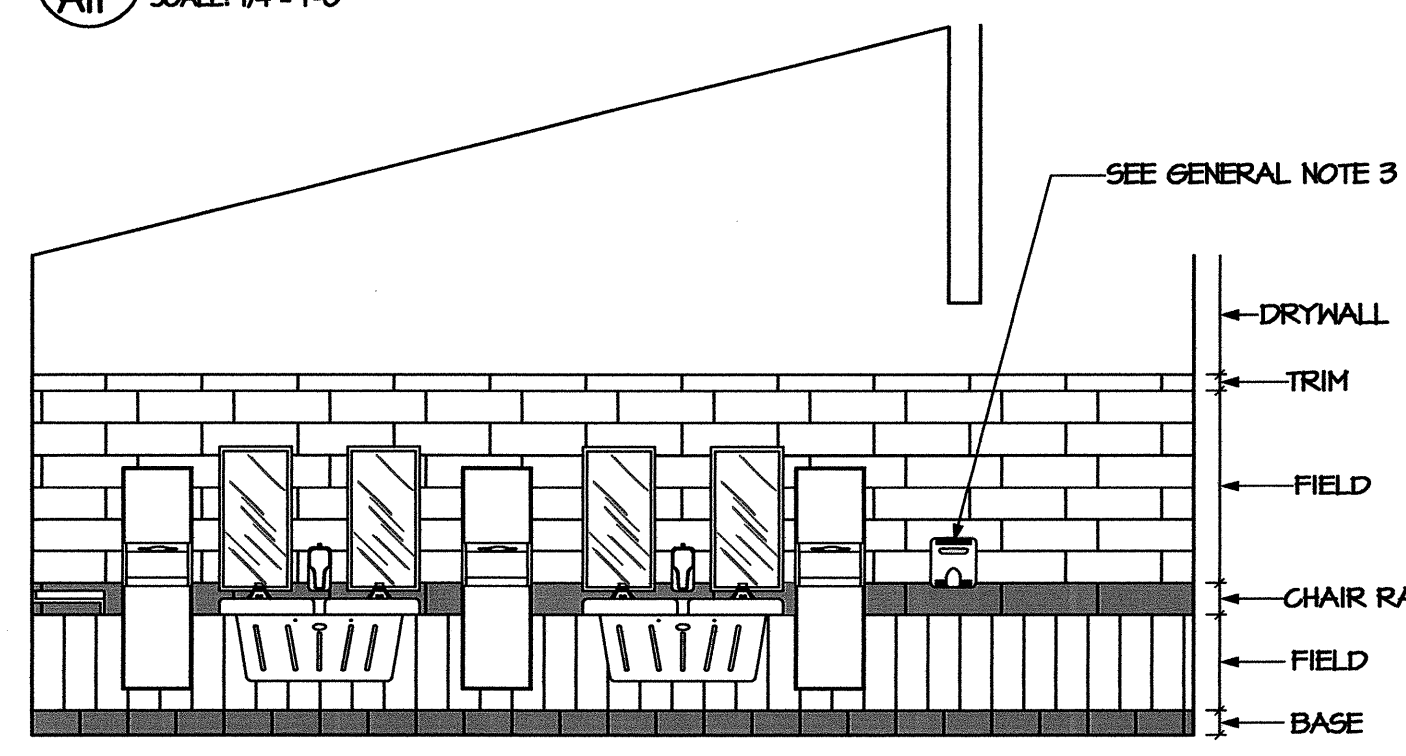
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 CHAIR RAIL (8"x24"):
 DAL TILE, P613 HEATH
 FIELD (8"x24"):
 DAL TILE, P611 HICKORY
 BASE (6"x12" COVE BASE):
 DAL TILE, C553 ASIAN BLACK

D3 WOMEN'S RM 105
 All SCALE: 1/4" = 1'-0"



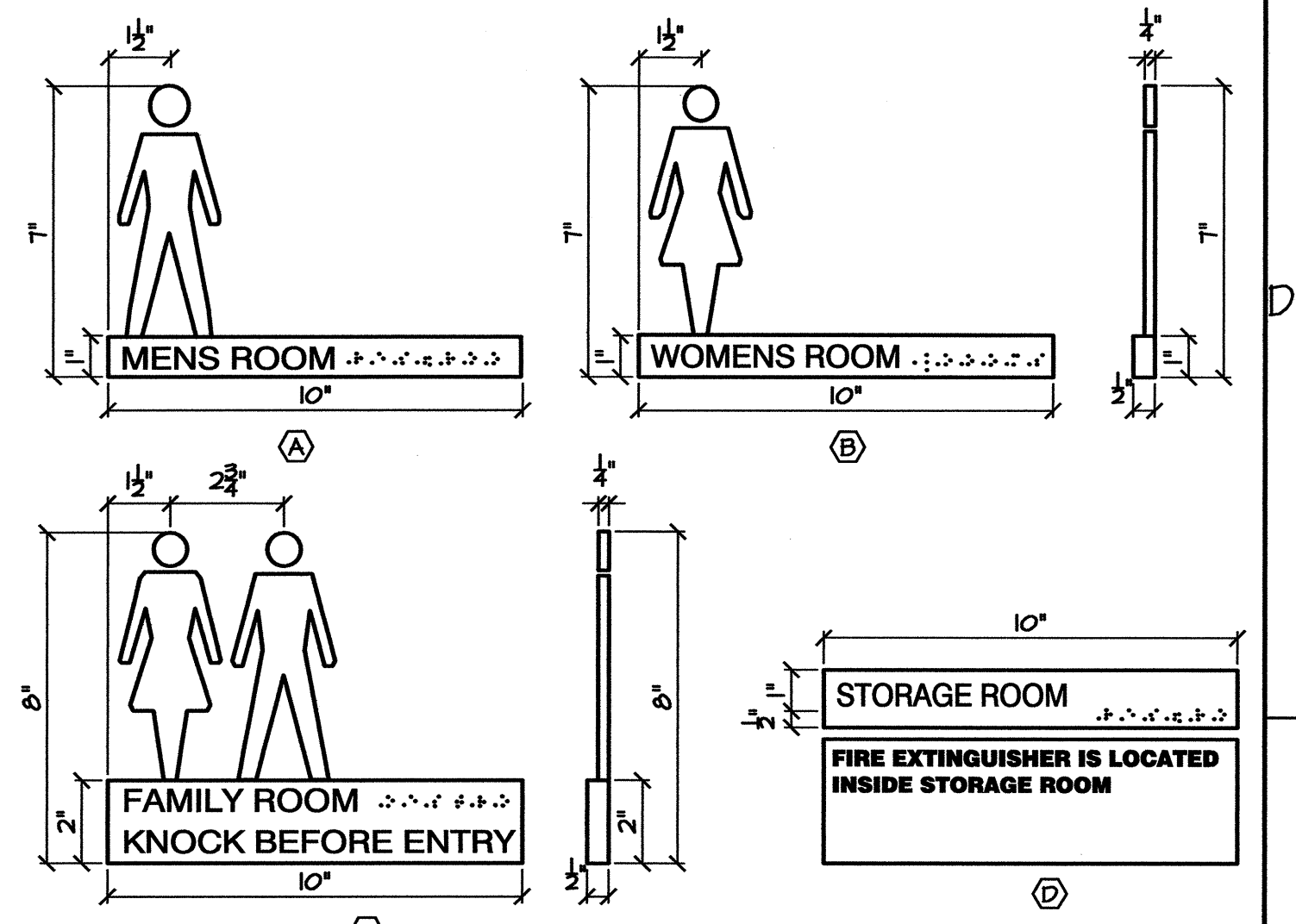
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 CHAIR RAIL (8"x24"):
 DAL TILE, P613 HEATH
 FIELD (8"x24"):
 DAL TILE, P611 HICKORY
 END WALL TILE (2-4"x24" BULLNOSE):
 DAL TILE, P611 HICKORY
 BASE (6"x12" COVE BASE):
 DAL TILE, C553 ASIAN BLACK

C6 WOMEN'S RM 105
 All SCALE: 1/4" = 1'-0"



LEGEND:
 TRIM (4"x24" BULLNOSE):
 DAL TILE, P611 HICKORY
 CHAIR RAIL (8"x24"):
 DAL TILE, P613 HEATH
 FIELD (8"x24"):
 DAL TILE, P611 HICKORY
 BASE (6"x12" COVE BASE):
 DAL TILE, C553 ASIAN BLACK

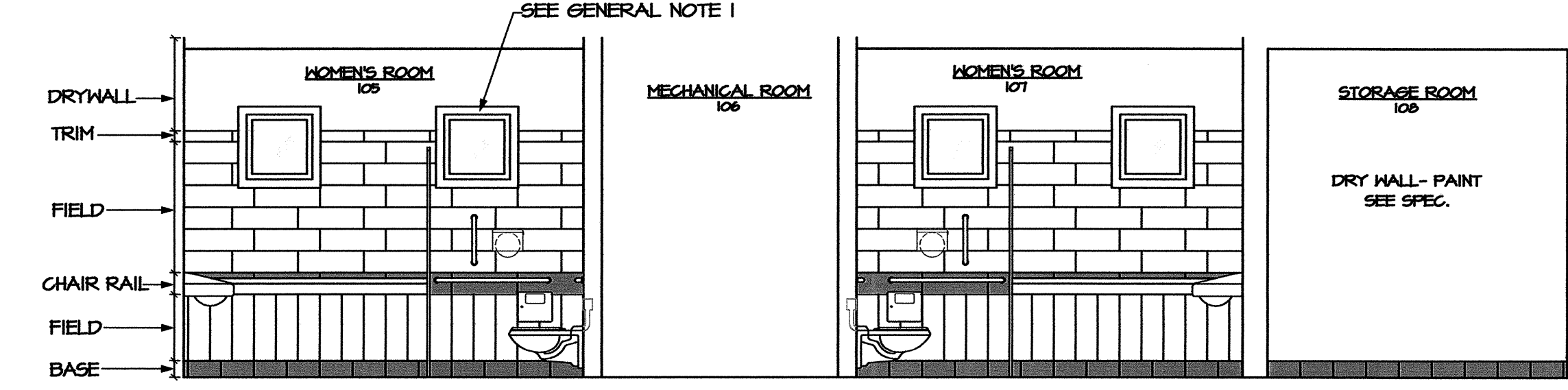
C3 WOMEN'S RM. 101
 All SCALE: 1/4" = 1'-0"



SIGNAGE NOTES:
 1. REFER TO DOOR SCHEDULE FOR ROOM NUMBER, ROOM NAME, AND SIGNAGE LOCATION U.O.N.
 2. SIGNAGE SHALL COMPLY WITH ANSI A117.1-2003.
 3. SIGNAGE SHALL BE INSTALLED MIN. 48" A.F.F. MEASURED TO THE BOTTOM OF SIGNAGE, U.O.N.

ROOM NO.	ROOM NAME	SIGNAGE TYPE
103	CORRIDOR	A
104	CORRIDOR	B
112	UNISEX BATH ROOM	C
113	STORAGE	D
108	STORAGE	D
106	MECHANICAL ROOM	E
110	MECHANICAL ROOM	E

C1 ROOM SIGNAGE
 All SCALE: 1/2" = 1'-0"

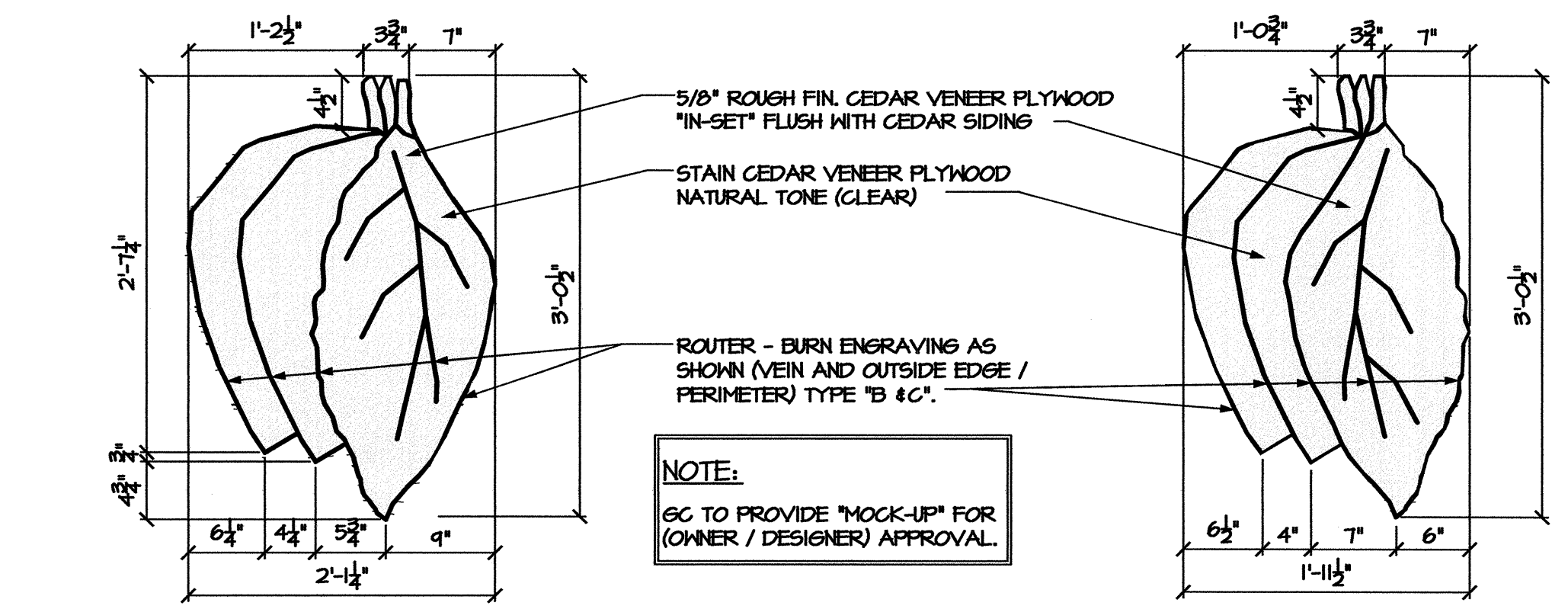


LEGEND:
 TRIM (4"x24" BULLNOSE):
 DAL TILE, P611 HICKORY
 CHAIR RAIL (8"x24"):
 DAL TILE, P613 HEATH
 FIELD (8"x24"):
 DAL TILE, P611 HICKORY
 BASE (6"x12" COVE BASE):
 DAL TILE, C553 ASIAN BLACK

LEGEND:
 PAINT
 BASE (6"x12" COVE BASE):
 DAL TILE, C553 ASIAN BLACK

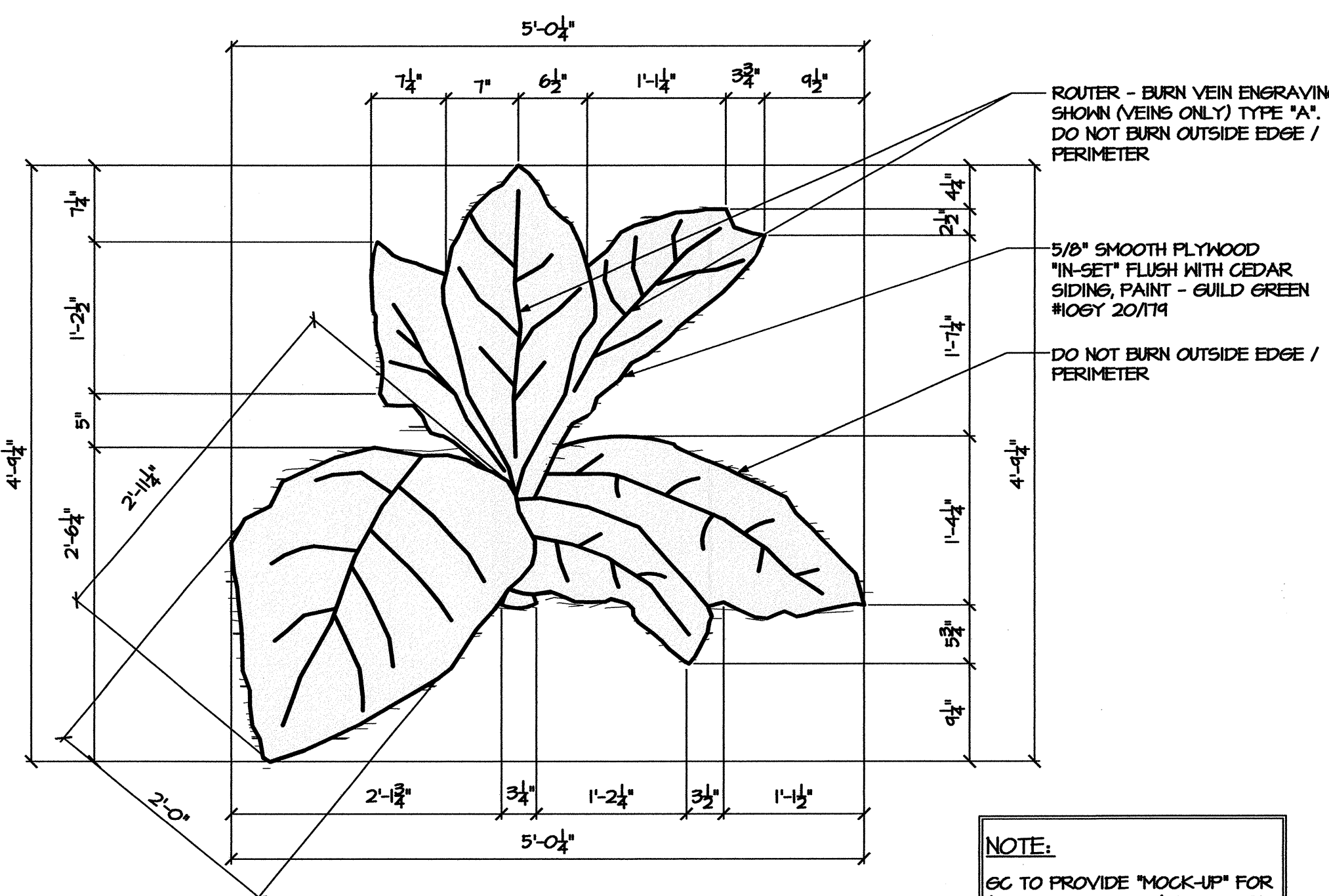
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 TRIM (4"x24" BULLNOSE):
 DAL TILE, P611 HICKORY
 CHAIR RAIL (8"x24"):
 DAL TILE, P613 HEATH
 FIELD (8"x24"):
 DAL TILE, P611 HICKORY
 BASE (6"x12" COVE BASE):
 DAL TILE, C553 ASIAN BLACK

B6 ELEV.
 All SCALE: 1/4" = 1'-0"



A6 ENLARGED LEAF DETAIL - TYPE "C"
 All SCALE: 1" = 1'-0"

A5 ENLARGED LEAF DETAIL - TYPE "B"
 All SCALE: 1" = 1'-0"



A3 ENLARGED LEAF DETAIL - TYPE "A"
 All SCALE: 1" = 1'-0"

NOTE:
 GC TO PROVIDE "MOCK-UP" FOR (OWNER / DESIGNER) APPROVAL.

PROJECT:
I-40 REST AREA
 JOHNSTON COUNTY NORTH CAROLINA

ARCHITECT/ENGINEERS:
FACILITIES DESIGN
 FACILITIES MANAGEMENT DIVISION, NCDOT
 1 SOUTH WILMINGTON STREET RALEIGH, NORTH CAROLINA 27601
 (919) 707-0400 FAX (919) 715-0399

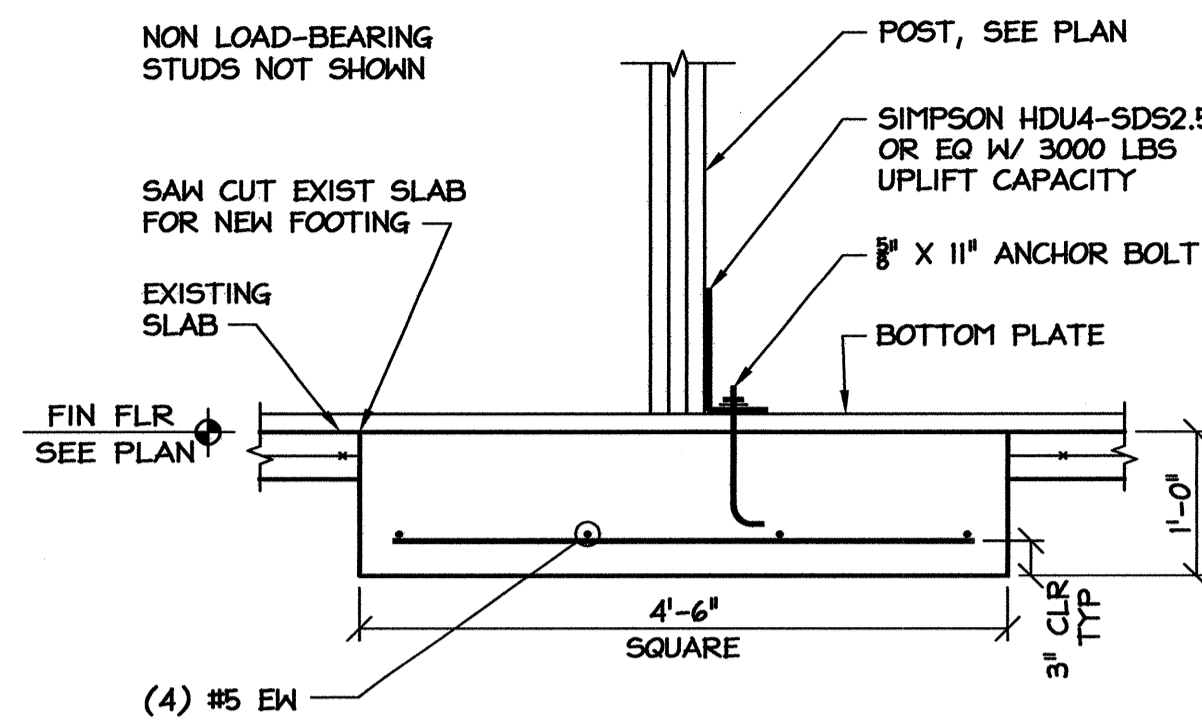
DRAWING TITLE:

DRAWN BY: CLS, RA, DB CHECKED BY: V. BUZARD ISSUE DATE: 05/25/2012

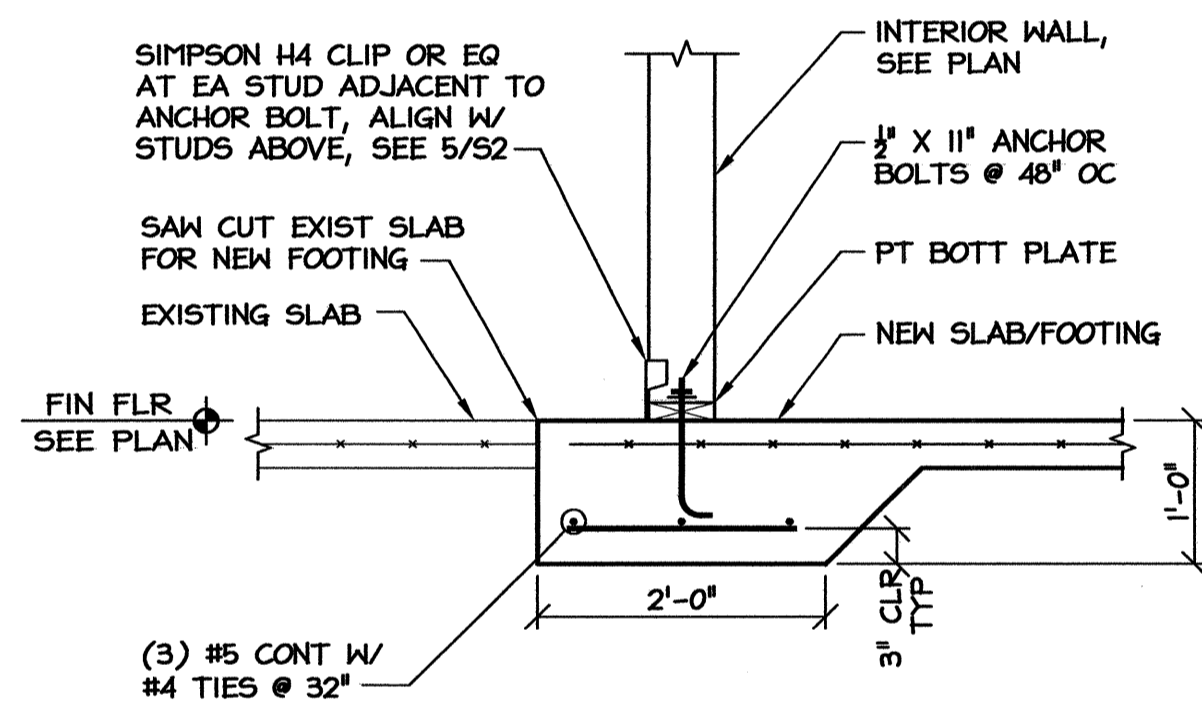
TIP. PROJ. NO.	WBS. NO.	CONTRACT ID NO.	FEDERAL- AID NO.
K-5001	41533.3.1	-	IMS-040-5(49)325

NO.	REVISIONS/SUBMISSIONS	DATE

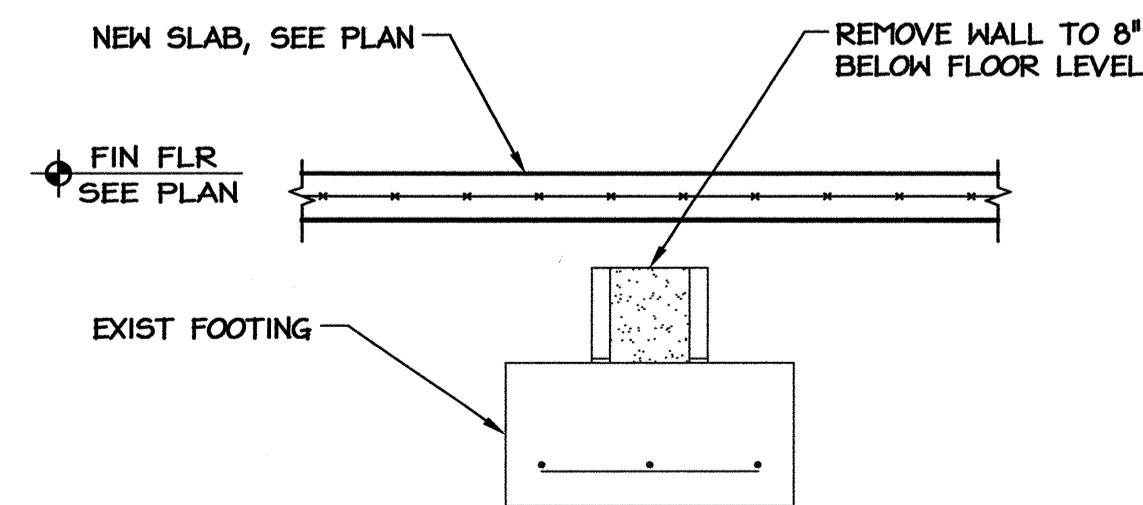
SHEET NO. **A11** OF 11



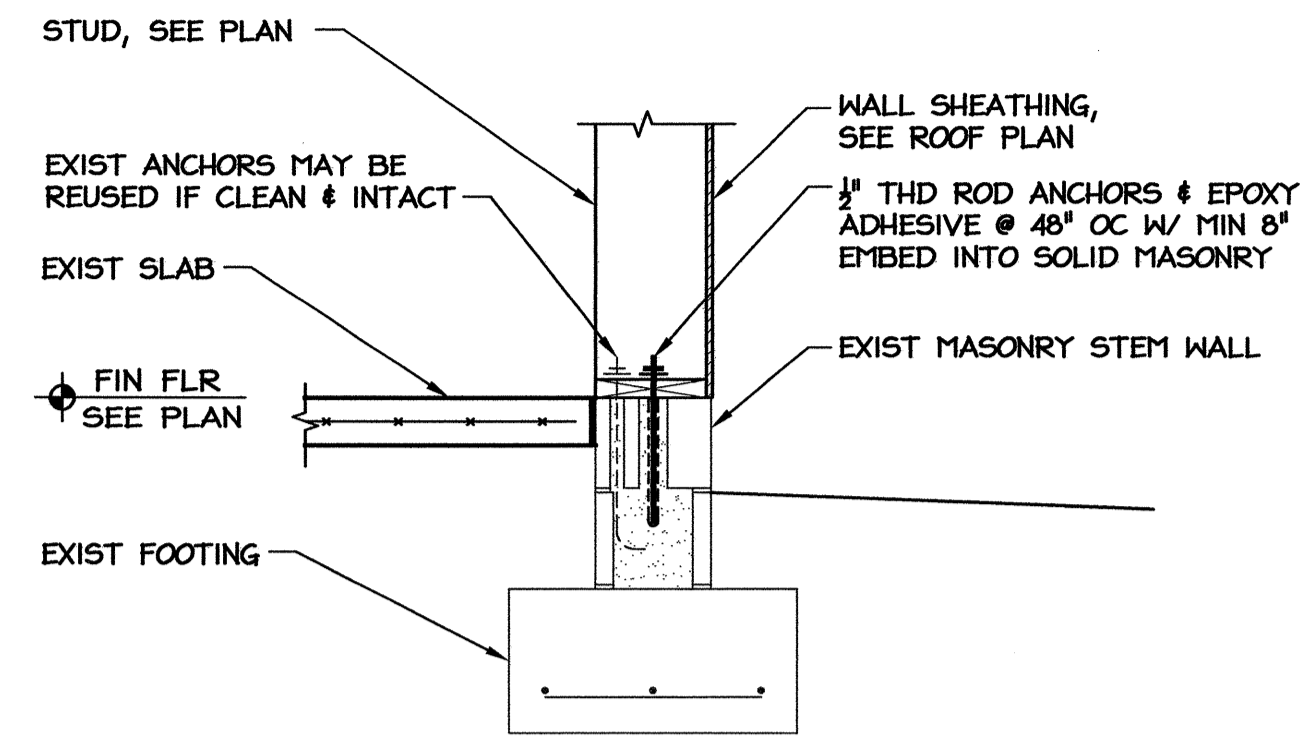
6 NEW FOOTING AT POST
SI SCALE: 3/4" = 1'-0"



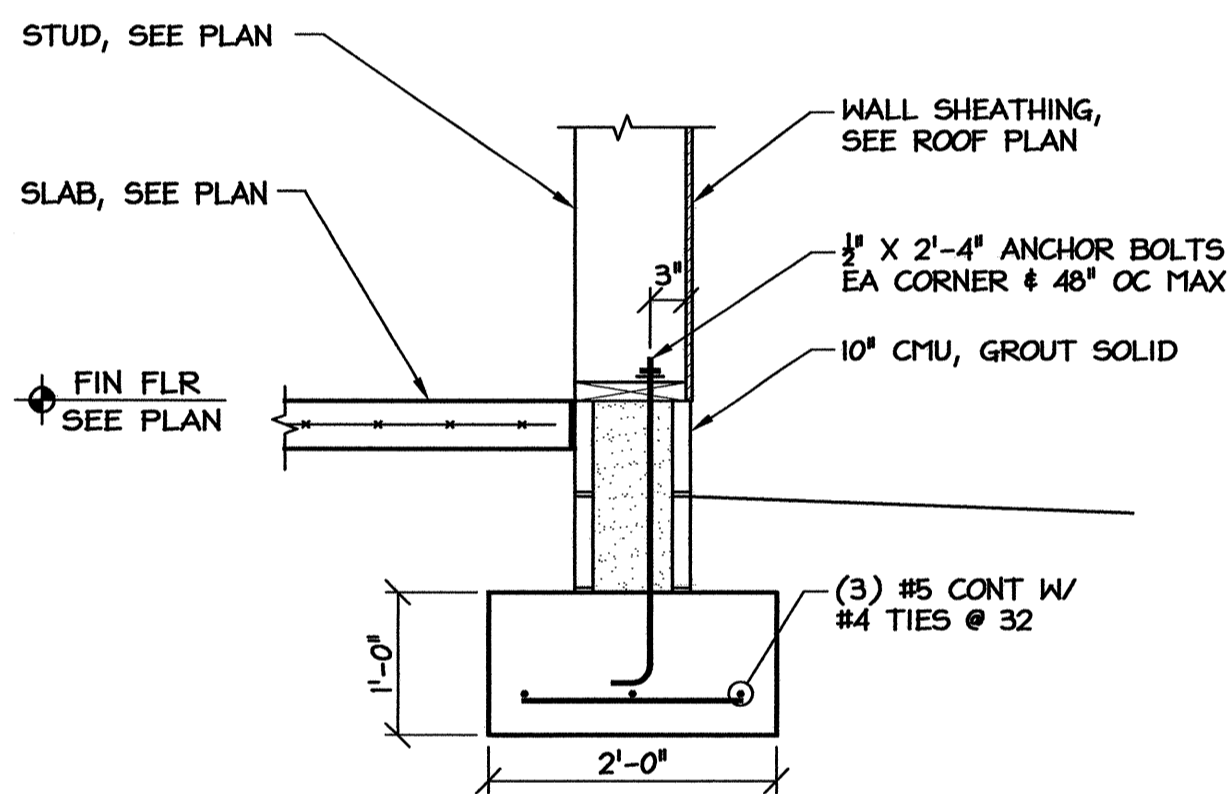
5 INTERIOR BRG WALL FOOTING
SI SCALE: 3/4" = 1'-0"



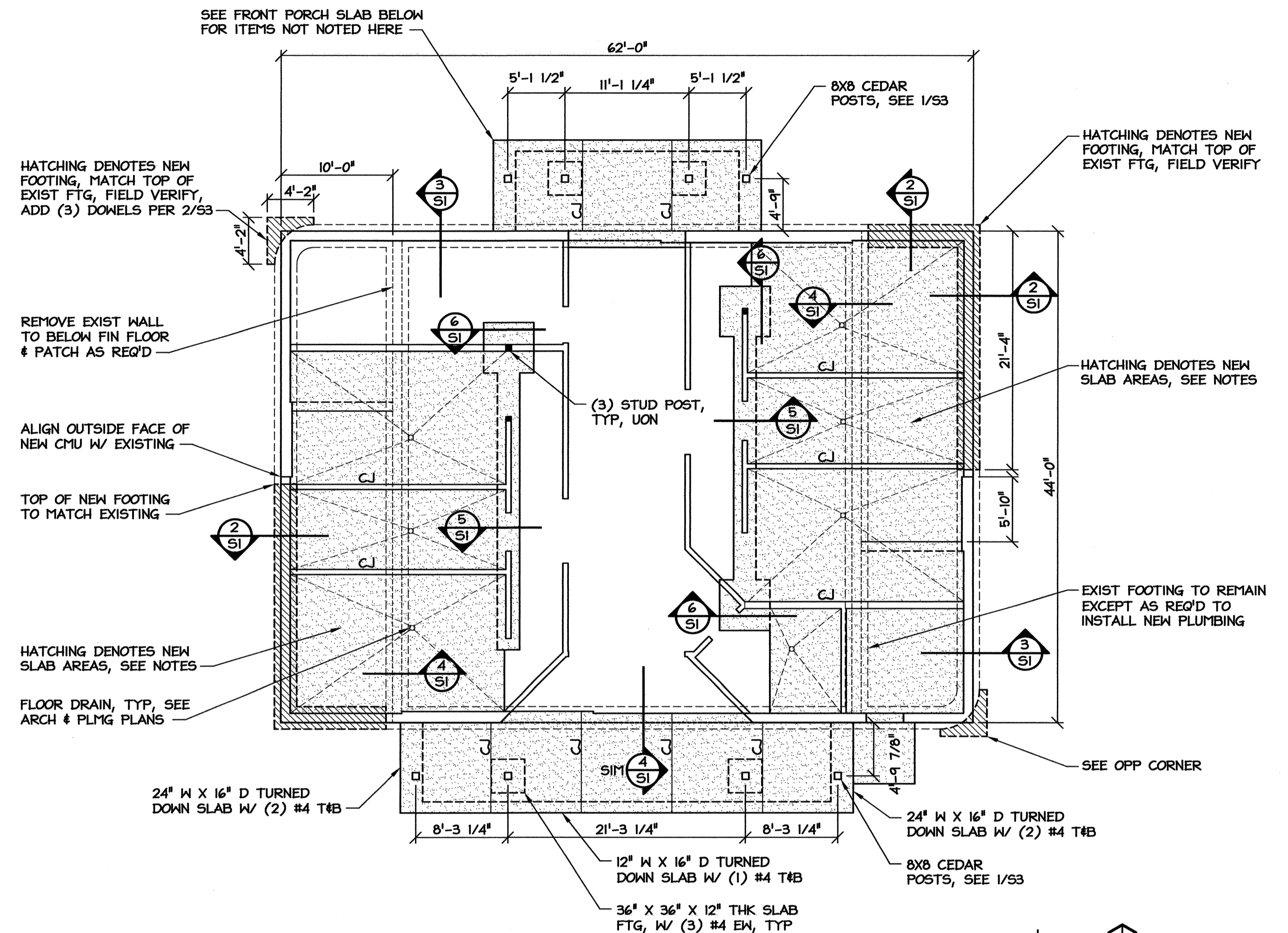
4 EXISTING STRIP FOOTING
SI SCALE: 3/4" = 1'-0"



3 EXIST STRIP FOOTING
SI SCALE: 3/4" = 1'-0"



2 NEW STRIP FOOTING
SI SCALE: 3/4" = 1'-0"



1 FOUNDATION PLAN
SI SCALE: 1/8" = 1'-0"

NOTES:

1. CONCRETE STRENGTH FOR FOOTINGS = 3000 PSI.
2. CONCRETE STRENGTH FOR SLABS = 4000 PSI.
3. FLOOR SLAB SHALL BE 4" CONC REINF W/ 6X6-WI.4XW1.4 WWR OVER VAPOR BARRIER ON 4" COMPACTED GRANULAR BASE CONTAINING LESS THAN 2% FINES.
4. VAPOR BARRIER NOT REQUIRED UNDER EXTERIOR SLABS.
5. SEE SPECIFICATIONS FOR EARTHWORK, FILL PLACEMENT, COMPACTION, & FOUNDATION INSPECTION REQUIREMENTS.
6. DO NOT SCALE FROM DRAWINGS. USE GIVEN DIMENSIONS.
7. ELEVATIONS SHOWN ON STRUCTURAL DRAWINGS ARE ABOVE FIRST FINISH FLOOR, REF ELEVATION = +0'-0".
8. SEE ARCH PLANS FOR FLOOR DIMENSIONS, SLOPES, & FINISHES NOT SHOWN. SEE ARCH OR SITE PLANS FOR EXTERIOR CONCRETE.
9. TOP OF FOOTING = -1'-4" BELOW FIN FLOOR, UON.
10. ALL REINFORCING STEEL SHALL BE GRADE 60. ALL LAP SPLICES SHALL BE 48 X BAR DIAMETER.
11. C.J DENOTES SLAB CONTROL JOINT. SAW CONTROL JOINTS MINIMUM 1/2 SLAB DEPTH.
12. ADDITIONAL SLAB REMOVAL & REPLACEMENT MAY BE REQ'D, SEE ARCH & PLMBG PLANS. REPLACE W/ MIN 4" THICK CONCRETE ON 4" GRANULAR BASE OVER PROPERLY COMPACTED BACKFILL.
13. WHERE SLAB REMOVAL INCLUDES THICKENED SLABS, REMOVE FULL THICKNESS OF CONCRETE.
14. WALLS ARE 2X STUD FRAMING @ 16" OC. SEE ARCH FOR WALL THICKNESS & LOCATIONS.
15. MAXIMUM HOLE OR NOTCH SIZE SHALL NOT EXCEED 1/2 DEPTH OF WALL STUD WITHOUT ENGINEER'S APPROVAL.

PROJECT:
I-40 REST AREA
JOHNSTON COUNTY NORTH CAROLINA

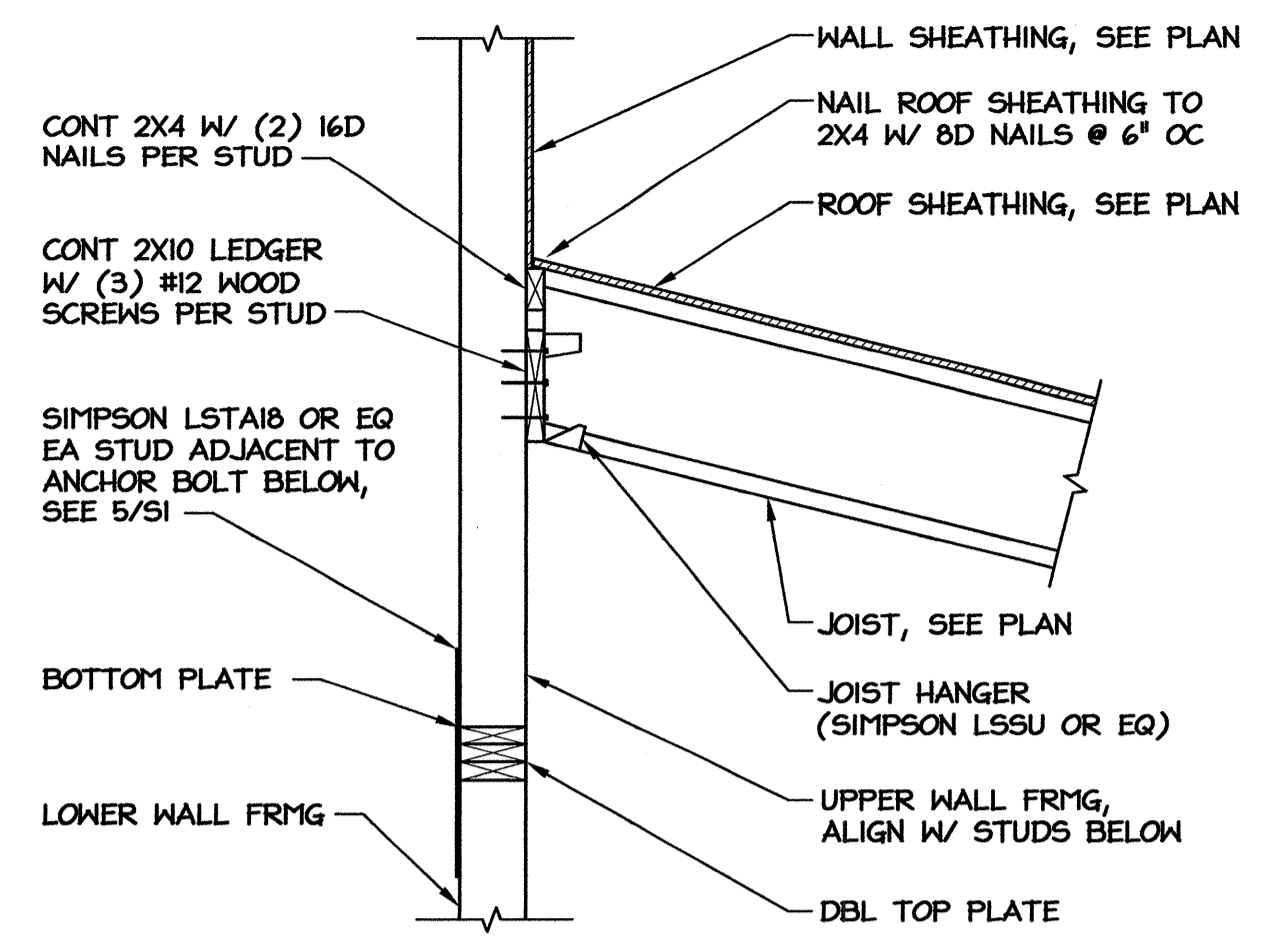
ARCHITECT/ENGINEERS:
FACILITIES DESIGN
FACILITIES MANAGEMENT DIVISION, NCDOT
1 SOUTH WILMINGTON STREET
RALEIGH, NORTH CAROLINA 27601
(919) 715-0400 FAX (919) 715-0399

DRAWING TITLE:

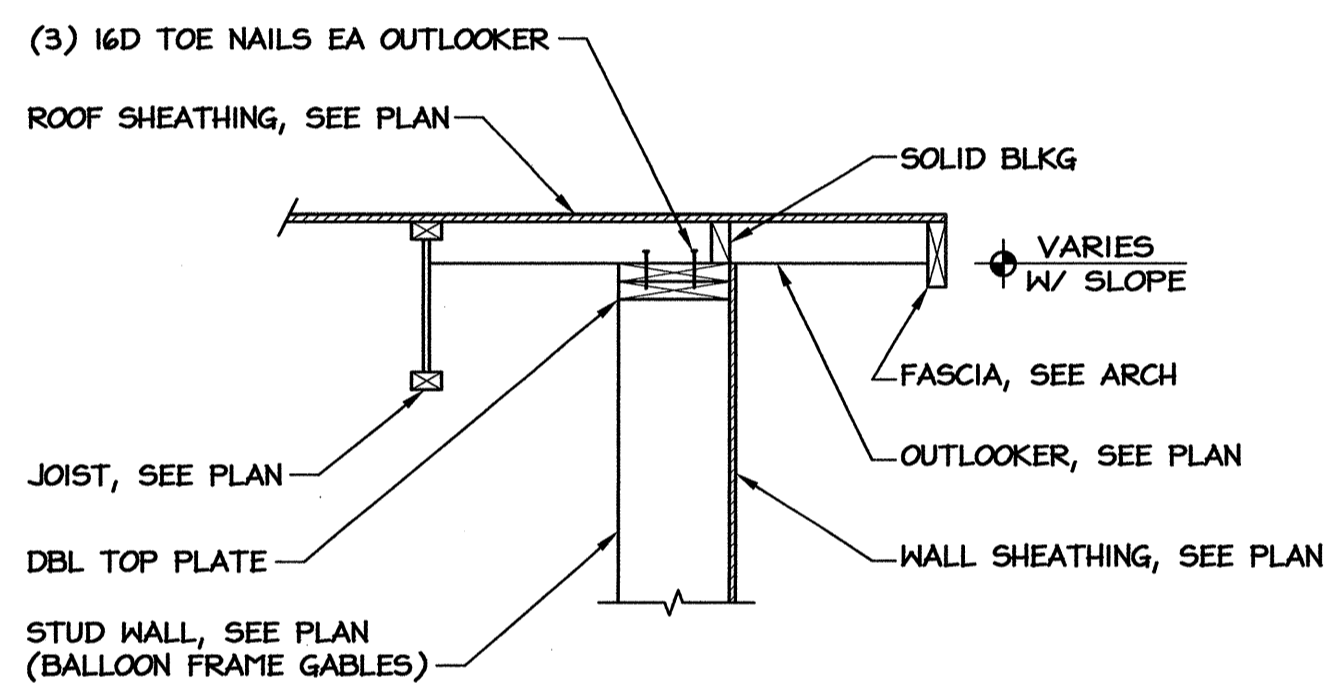
DRAWN BY: MDM CHECKED BY: V. BUZARD ISSUE DATE: 05-25-12

SEAL: MICHAEL D. MOUNTCASTLE 17326 8-7-12 ENGINEER	TIP. PROJ. NO. K-5001	WBS. NO. 41533.3.1	CONTRACT ID NO.	FEDERAL- AID NO. IMS-040-5(49)325
	NO.	REVISIONS/SUBMISSIONS	DATE	SHEET NO.

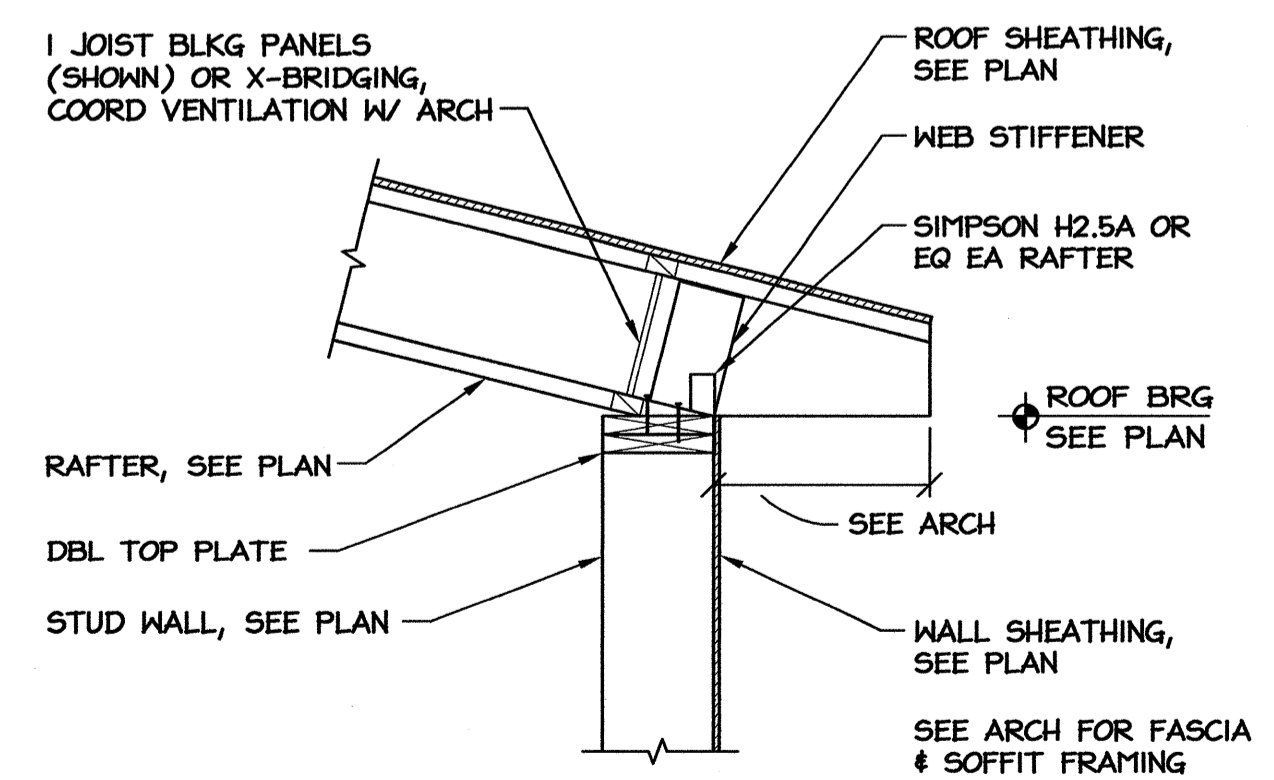
S1



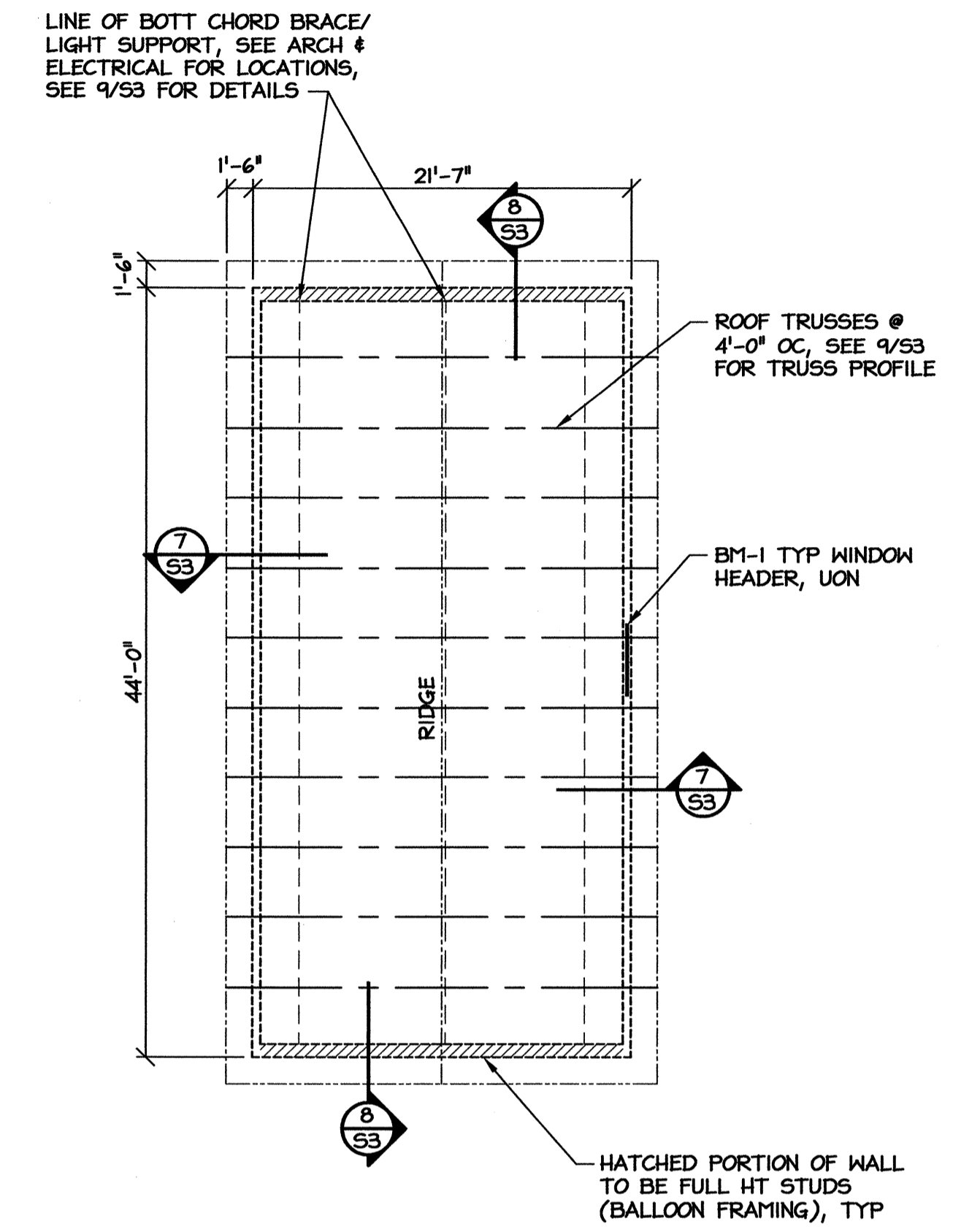
5 LOW ROOF JOIST BEARING
SCALE: 3/4" = 1'-0"



4 LOW ROOF GABLE END
SCALE: 3/4" = 1'-0"

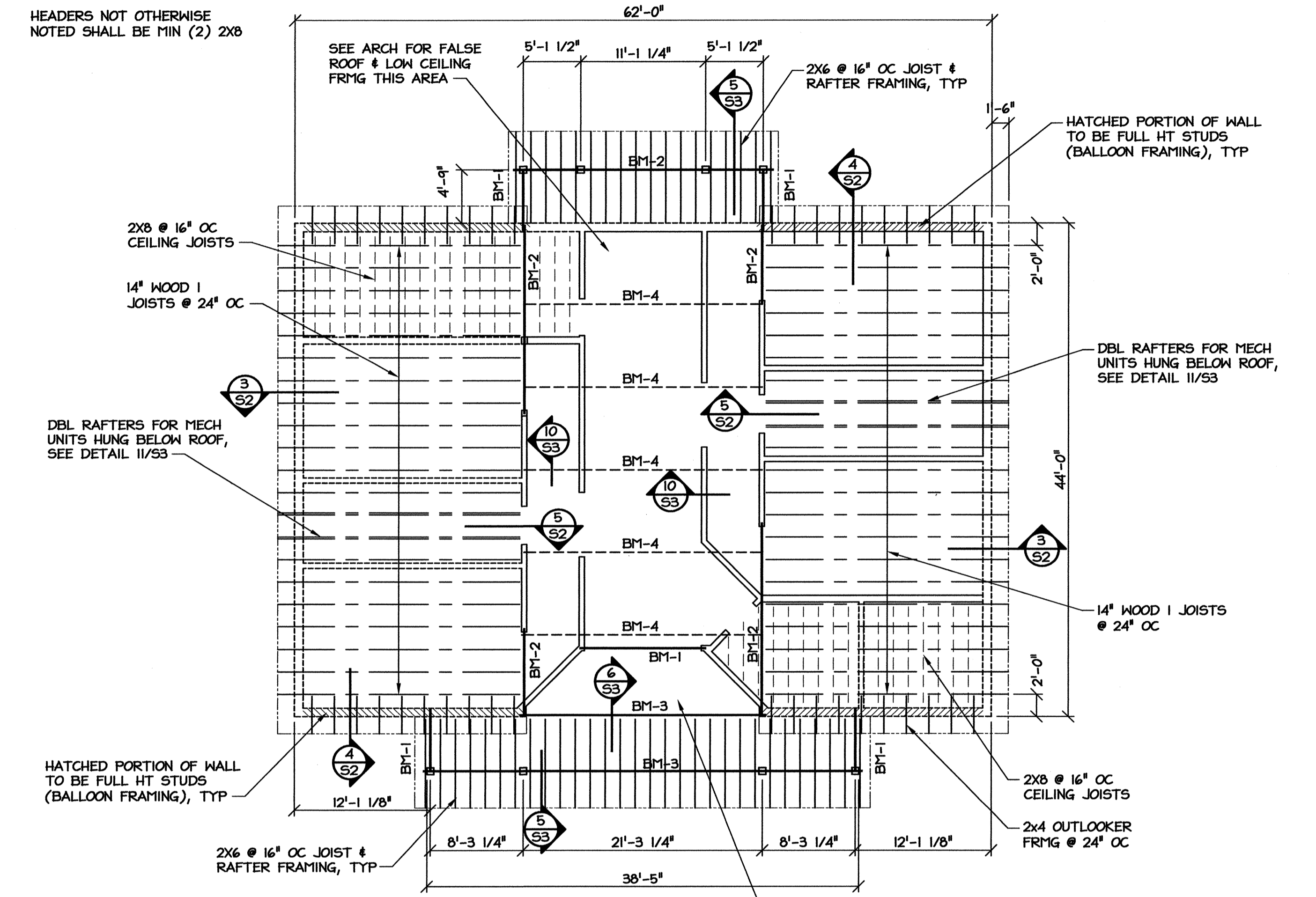


3 LOW ROOF JOIST BEARING
SCALE: 3/4" = 1'-0"



2 HIGH ROOF FRAMING PLAN
SCALE: 1/8" = 1'-0"

BEAM SCHEDULE	
MARK	SIZE
BM-1	(2) 2X10
BM-2	(2) 1-3/4" X 9-1/4" LVL
BM-3	(2) 1-3/4" X 11-1/4" LVL
BM-4	(2) 1-3/4" X 11-1/4" LVL W/ SPACERS, SEE ARCH



1 LOW ROOF FRAMING PLAN
SCALE: 1/8" = 1'-0"

NOTES:

1. ROOF JOISTS & TRUSSES SHALL BE DESIGNED FOR ALL LOADS INDICATED ON PLANS & SPECIFICATIONS. SHOP DRAWINGS SHALL BE SEALED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF NORTH CAROLINA.
2. BRIDGING & UPLIFT BRACING SHALL BE INSTALLED PER JOIST OR TRUSS MFR REQUIREMENTS. MFR IS RESPONSIBLE FOR BRACING DESIGN.
3. PRE-ENGINEERED ROOF FRAMING SHALL BE DESIGNED FOR 30 PSF WITHIN 4' OF RIDGES & EAVES, & 18 PSF OVER THE BALANCE OF THE ROOF.
4. ELEVATIONS SHOWN ON STRUCTURAL DRAWINGS ARE ABOVE FIRST FINISH FLOOR, REF ELEVATION = +0'-0".
5. WALL SHEATHING SHALL BE 5/8" PLYWOOD OR OSB, ATTACHED W/ 8D NAILS @ 6" OC ON PANEL EDGES & 8" OC ALONG INTERIOR SUPPORTS. PANELS SHALL BE APA RATED SHEATHING, EXPOSURE 1.
6. ROOF SHEATHING SHALL BE 5/8" PLYWOOD OR OSB, ATTACHED W/ 8D NAILS @ 6" OC ALONG PANEL EDGES & 8" OC OTHERWISE.

PROJECT:
I-40 REST AREA
JOHNSTON COUNTY NORTH CAROLINA

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RALEIGH, NORTH CAROLINA 27601
(919) 715-0400 FAX (919) 715-0399

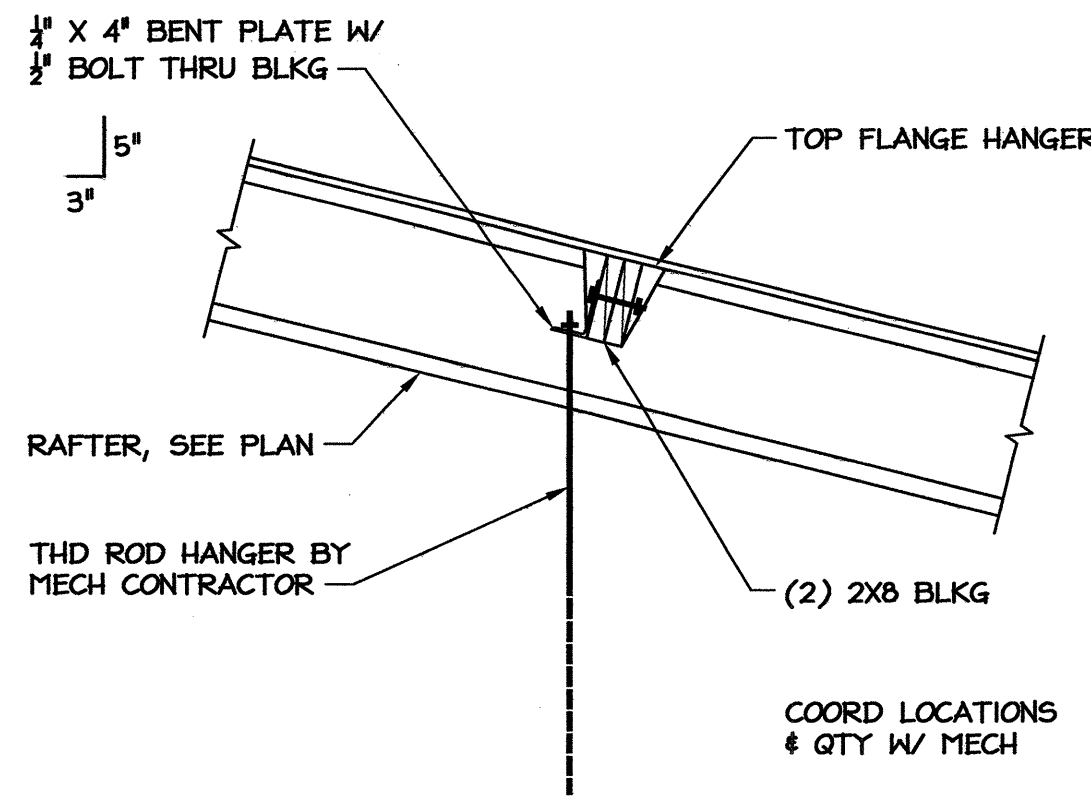
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DRAWN BY: MDM CHECKED BY: V. BUZARD ISSUE DATE: 05-25-12

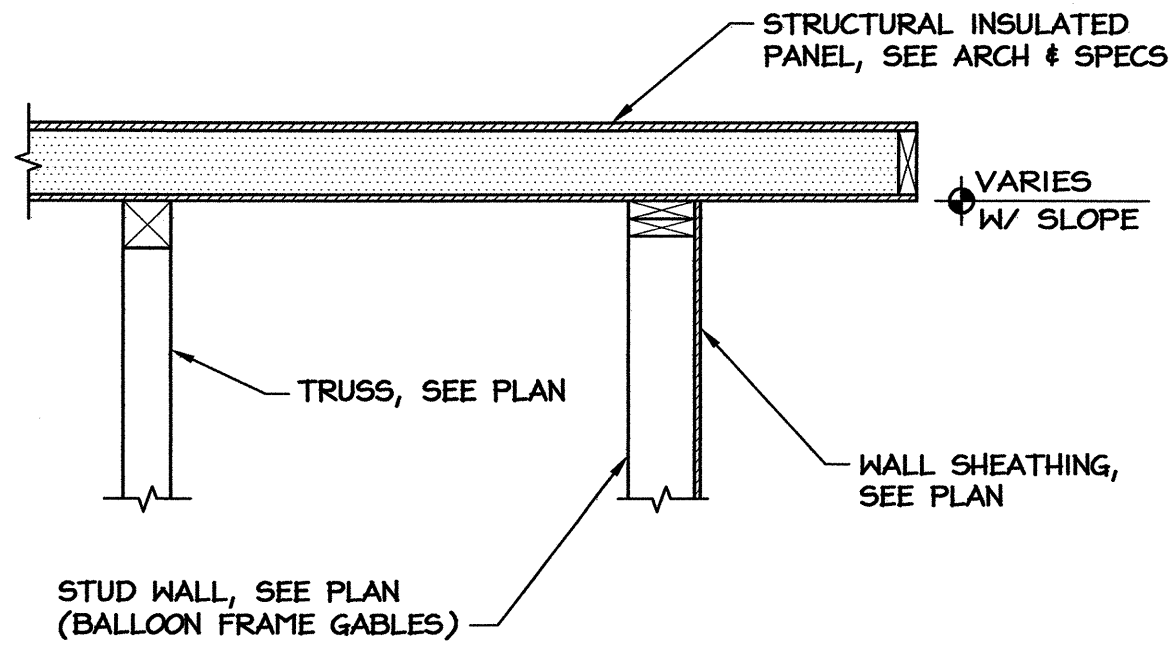
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NO.	REVISIONS/SUBMISSIONS	DATE	SHEET NO.

17326
7-20-12
MICHAEL MOUNTAIN ENGINEER

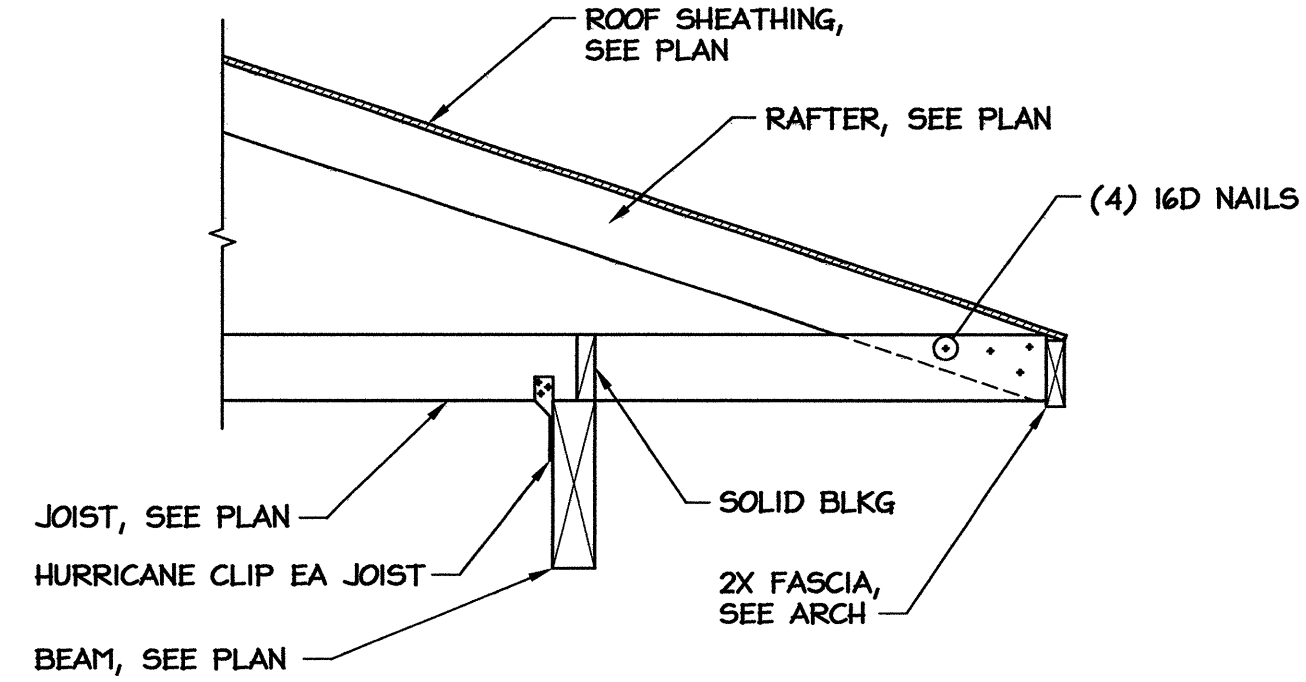
S2



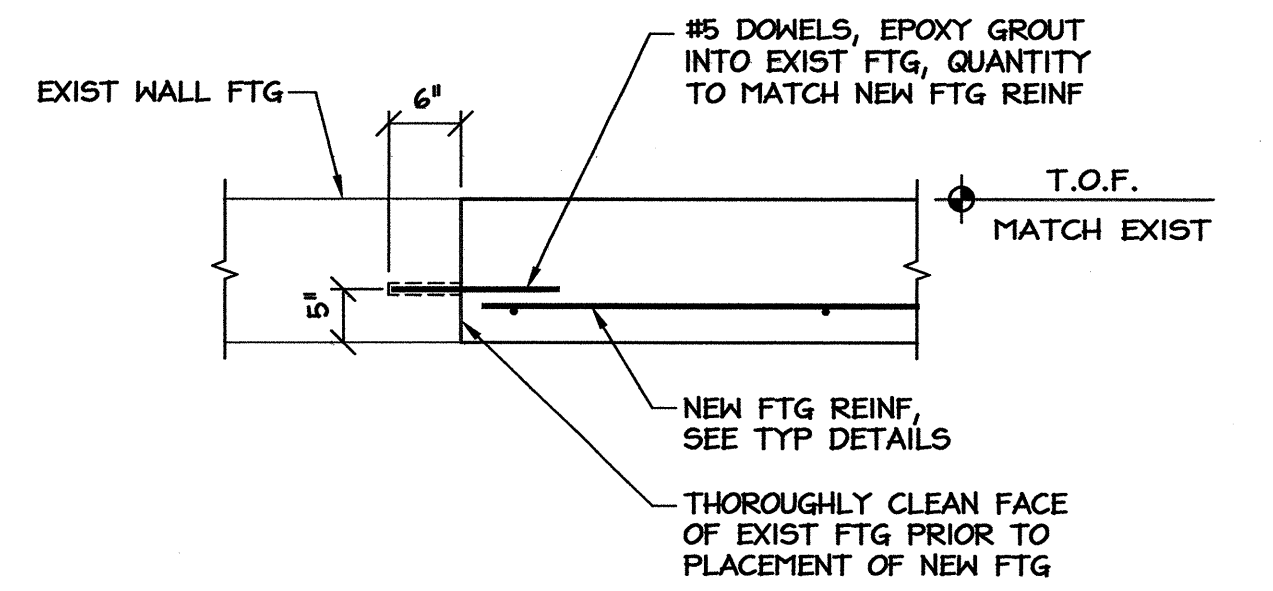
11 ATTACHMENT TO ROOF
S3 SCALE: 3/4" = 1'-0"



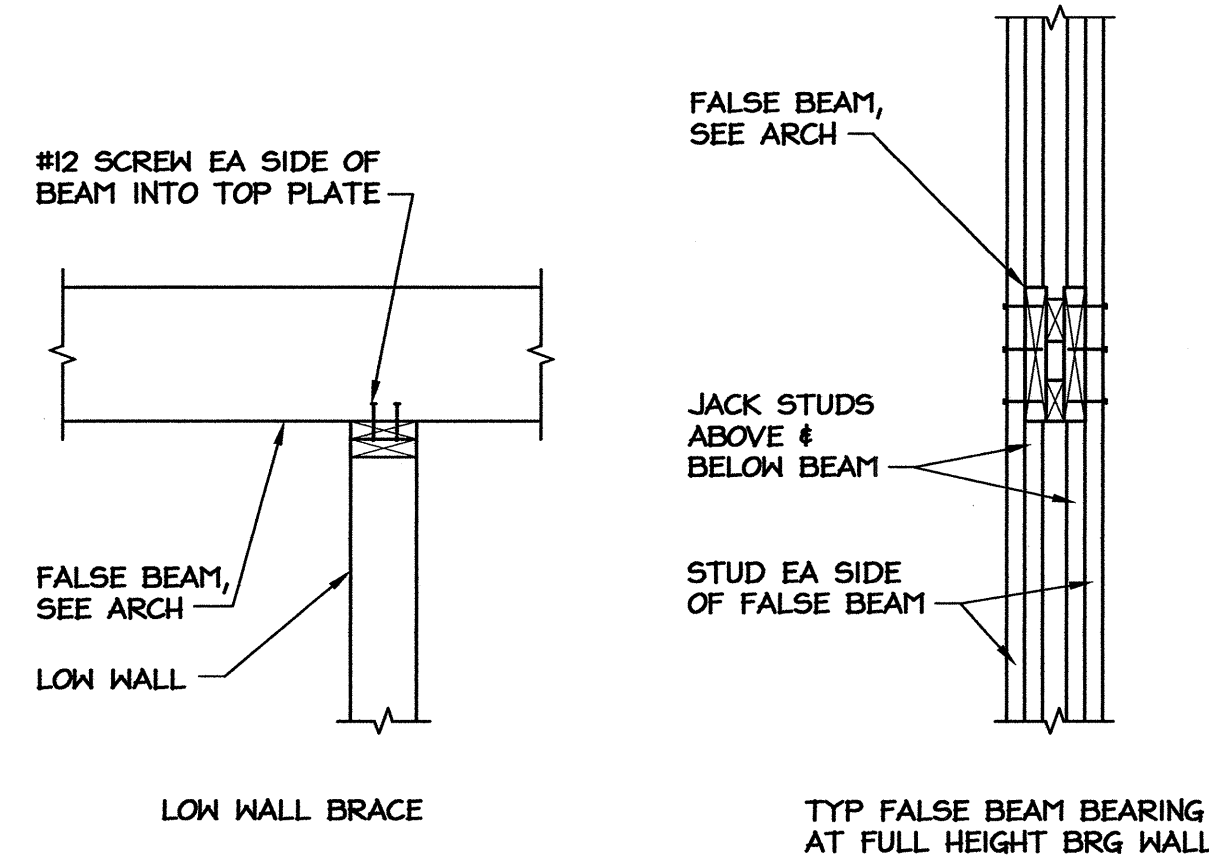
8 HIGH ROOF GABLE
S3 SCALE: 3/4" = 1'-0"



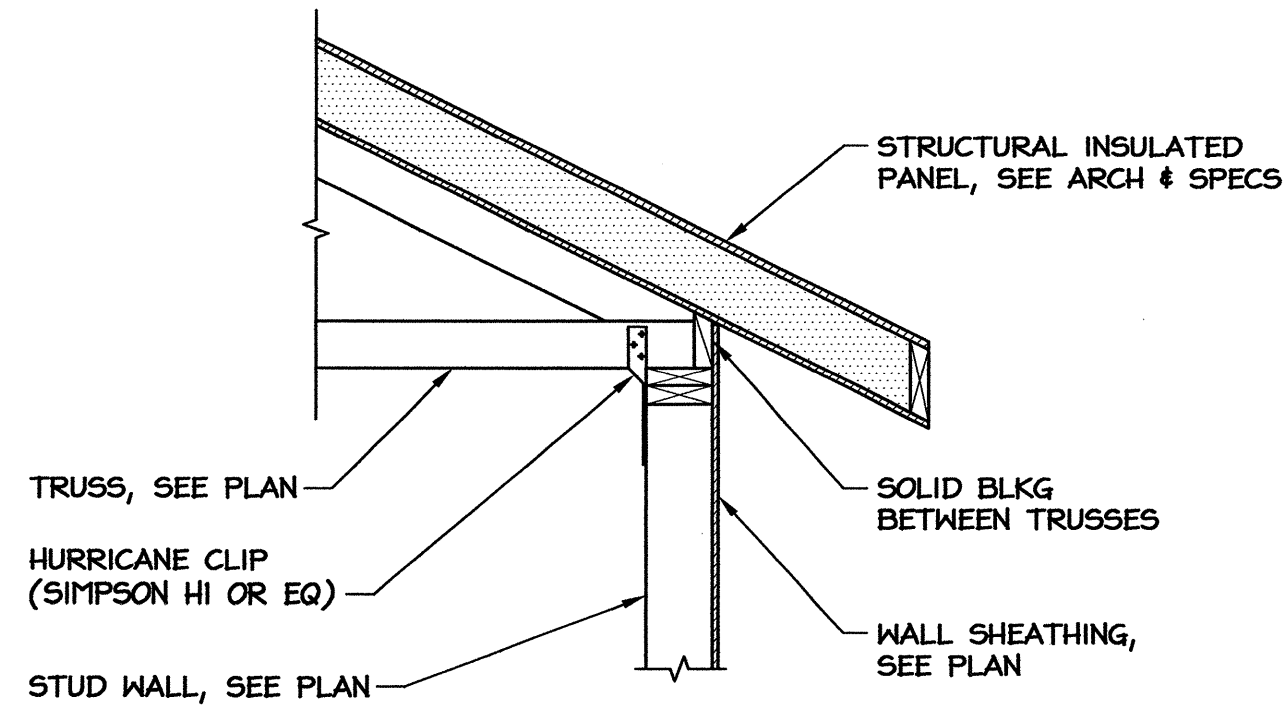
5 PORCH ROOF BEARING
S3 SCALE: 3/4" = 1'-0"



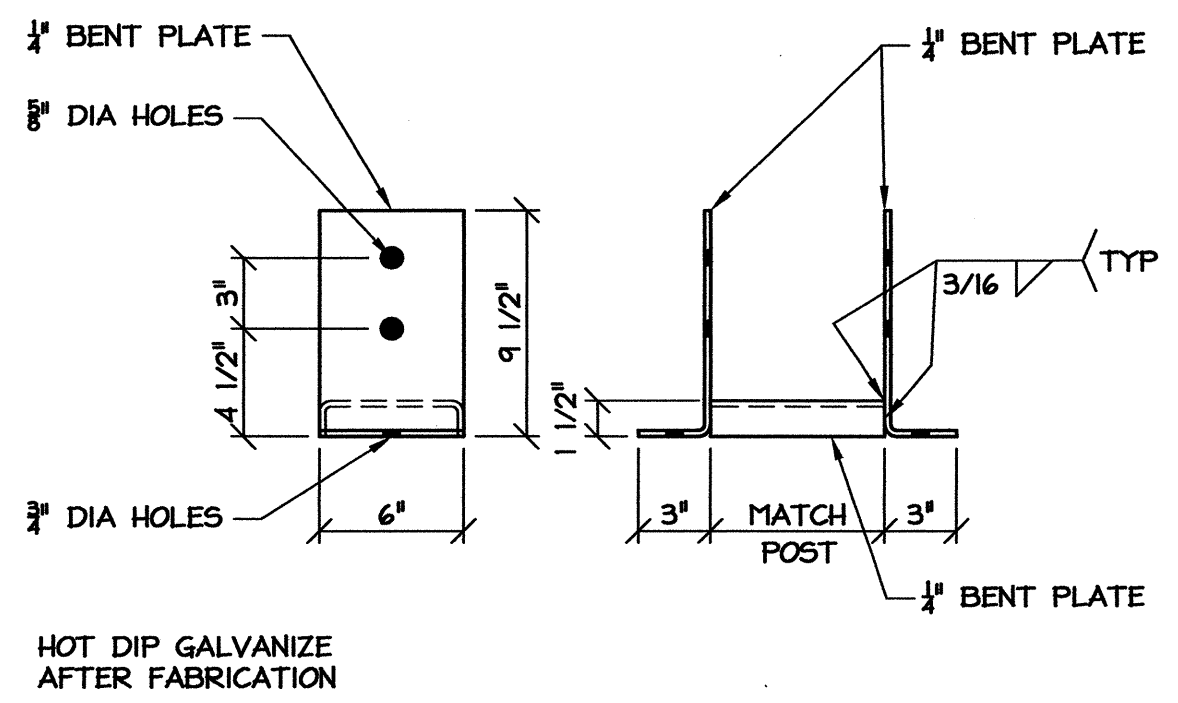
2 NEW FTG AT EXISTING
S3 SCALE: 3/4" = 1'-0"



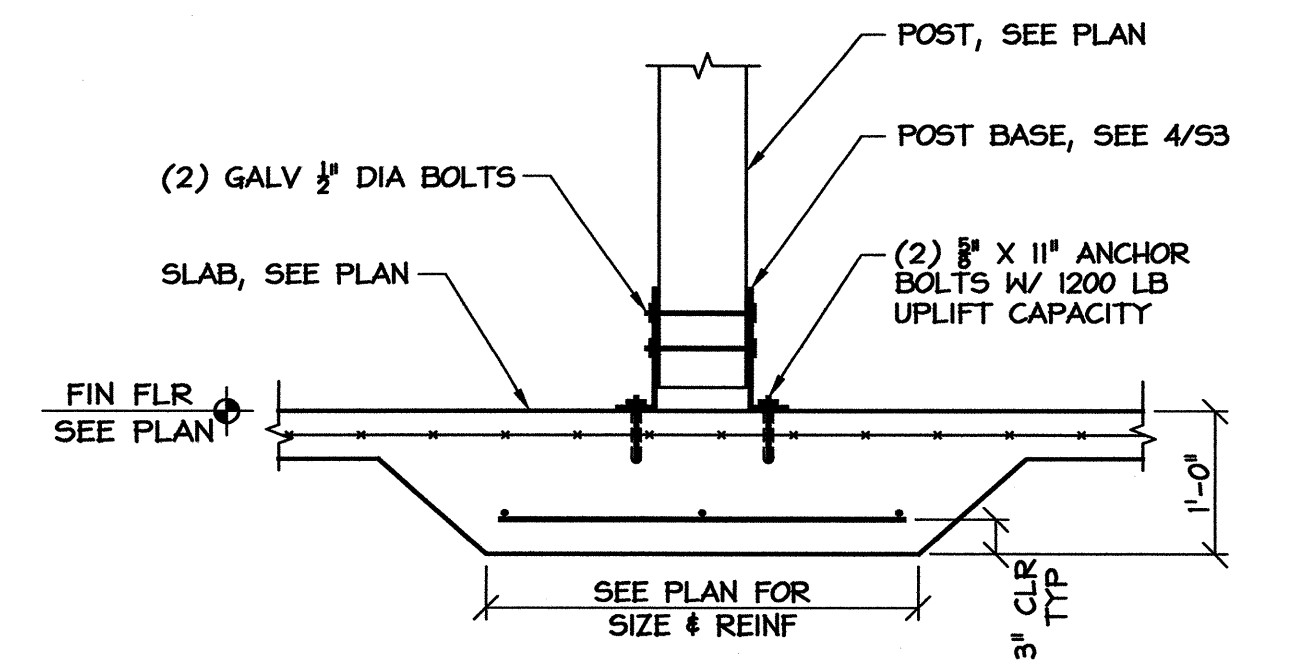
10 FALSE BEAM DETAILS
S3 SCALE: 3/4" = 1'-0"



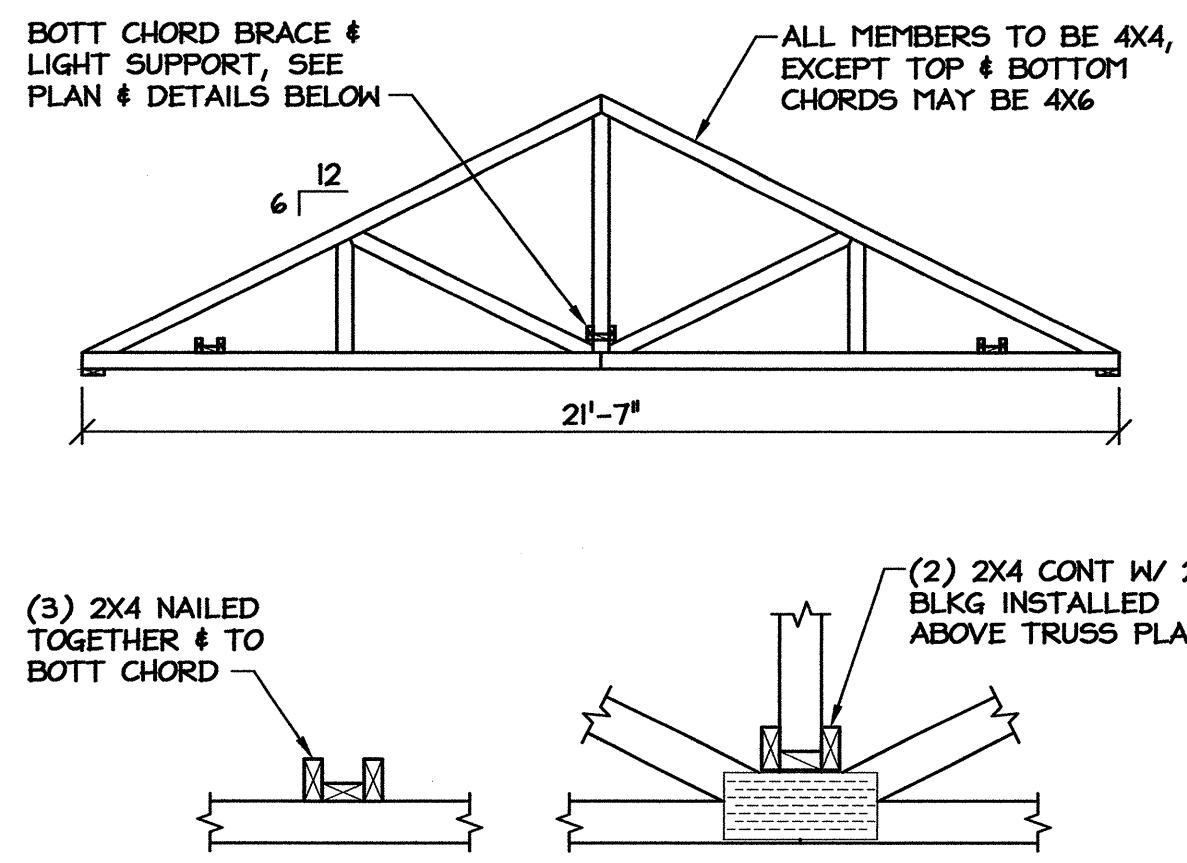
7 HIGH ROOF TRUSS BEARING
S3 SCALE: 3/4" = 1'-0"



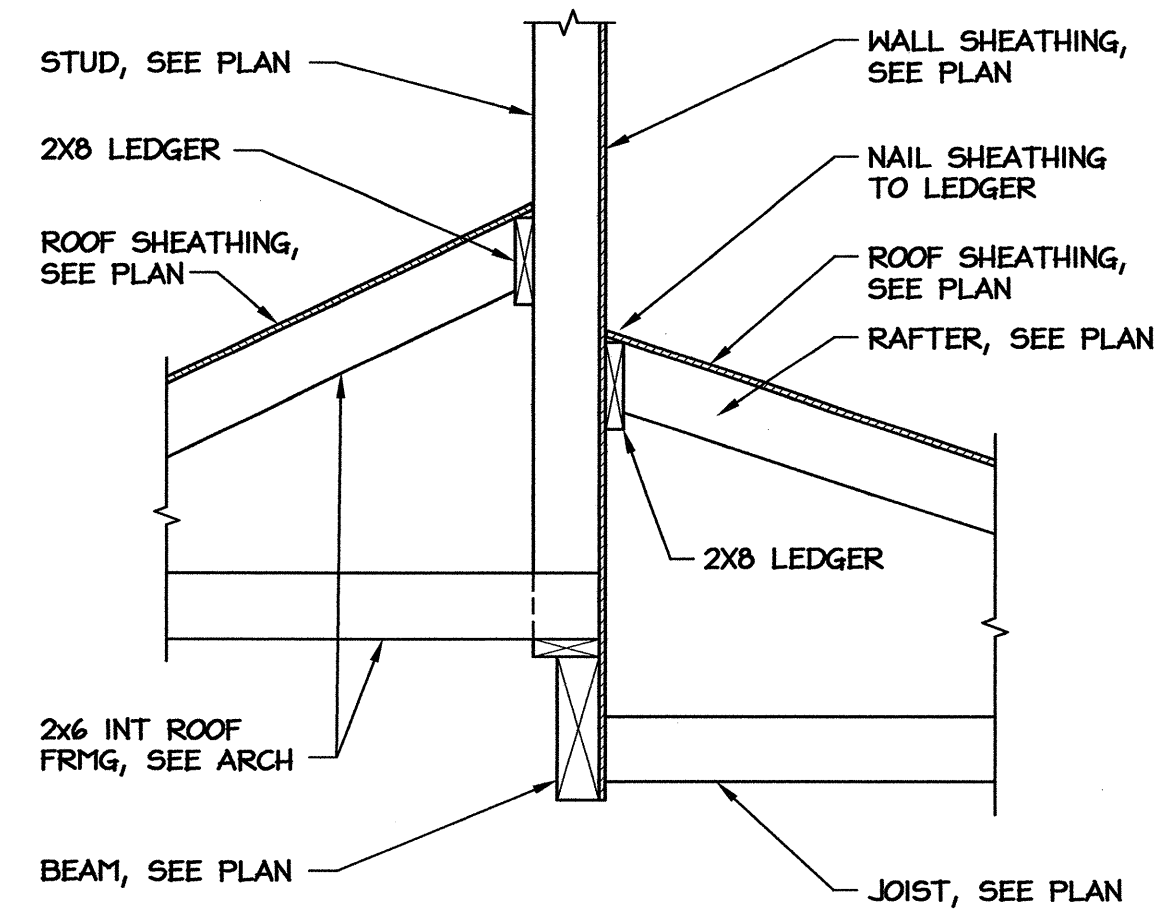
4 POST BASE
S3 SCALE: 1-1/2" = 1'-0"



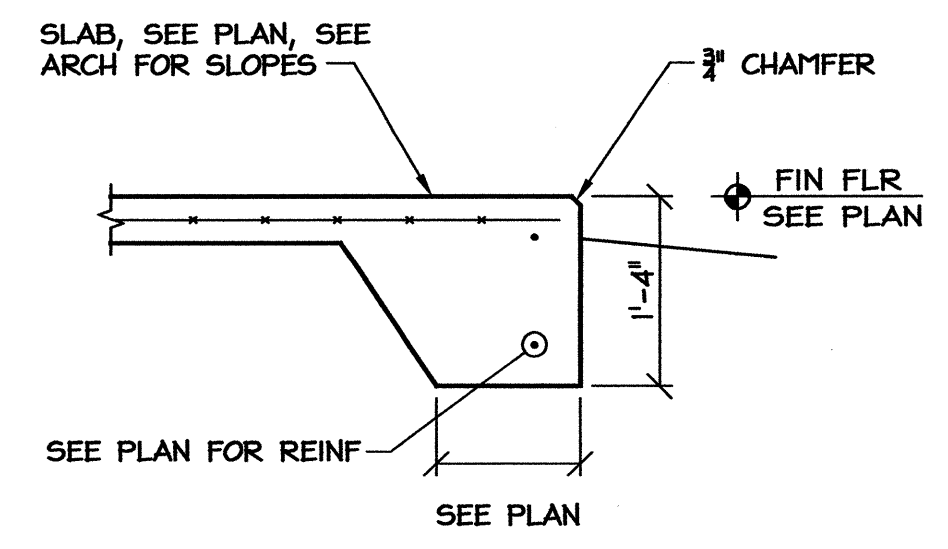
1 PORCH POST BEARING
S3 SCALE: 3/4" = 1'-0"



9 HIGH ROOF TRUSS PROFILE
S3 SCALE: 1/4" = 1'-0"



6 PORCH ROOF BEARING
S3 SCALE: 3/4" = 1'-0"



3 PORCH SLAB EDGE
S3 SCALE: 3/4" = 1'-0"

PROJECT:
I-40 REST AREA
JOHNSTON COUNTY NORTH CAROLINA

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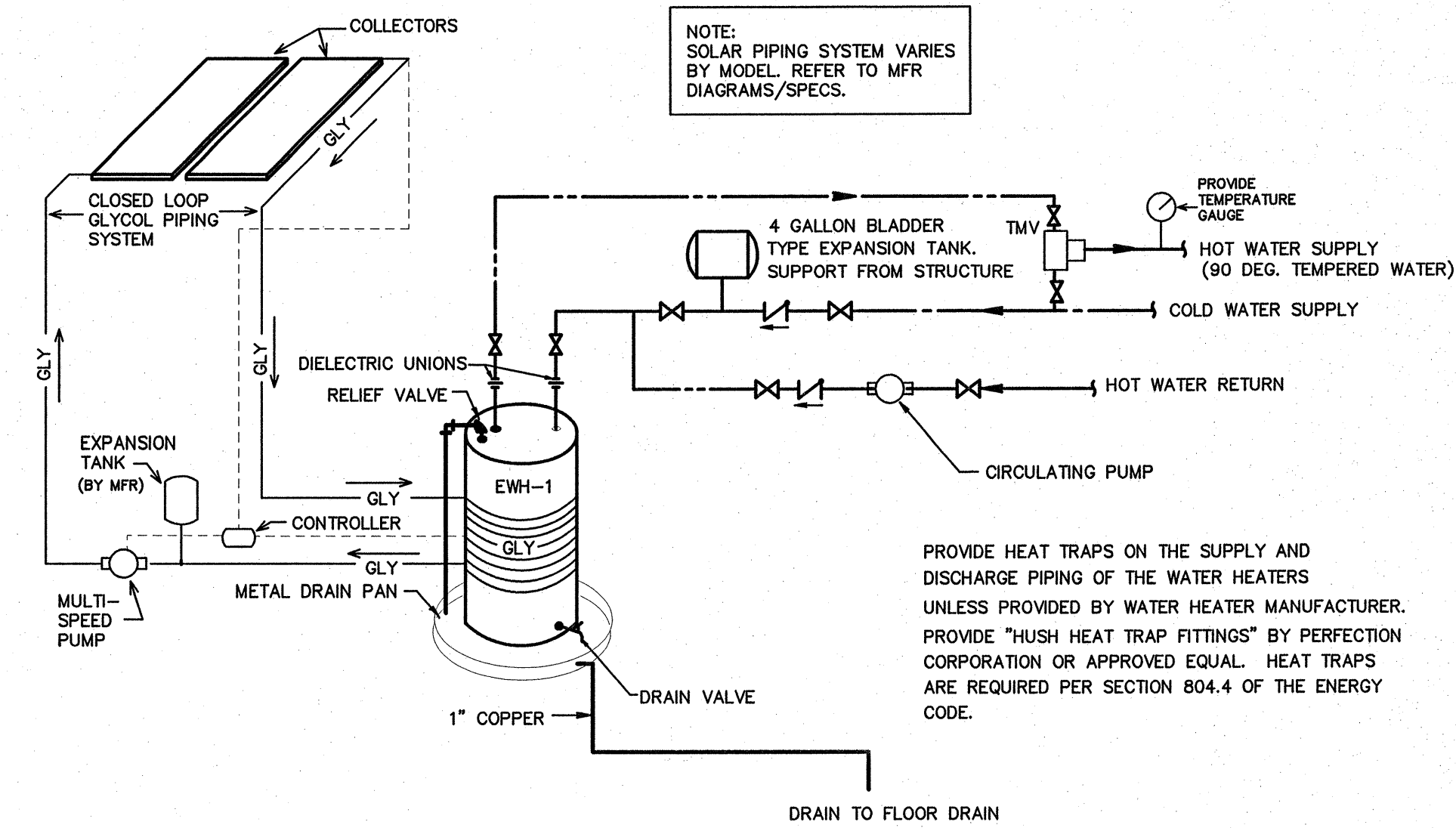
17326
7-20-12
MICHAEL D. MOUN
ENGINEER

S3

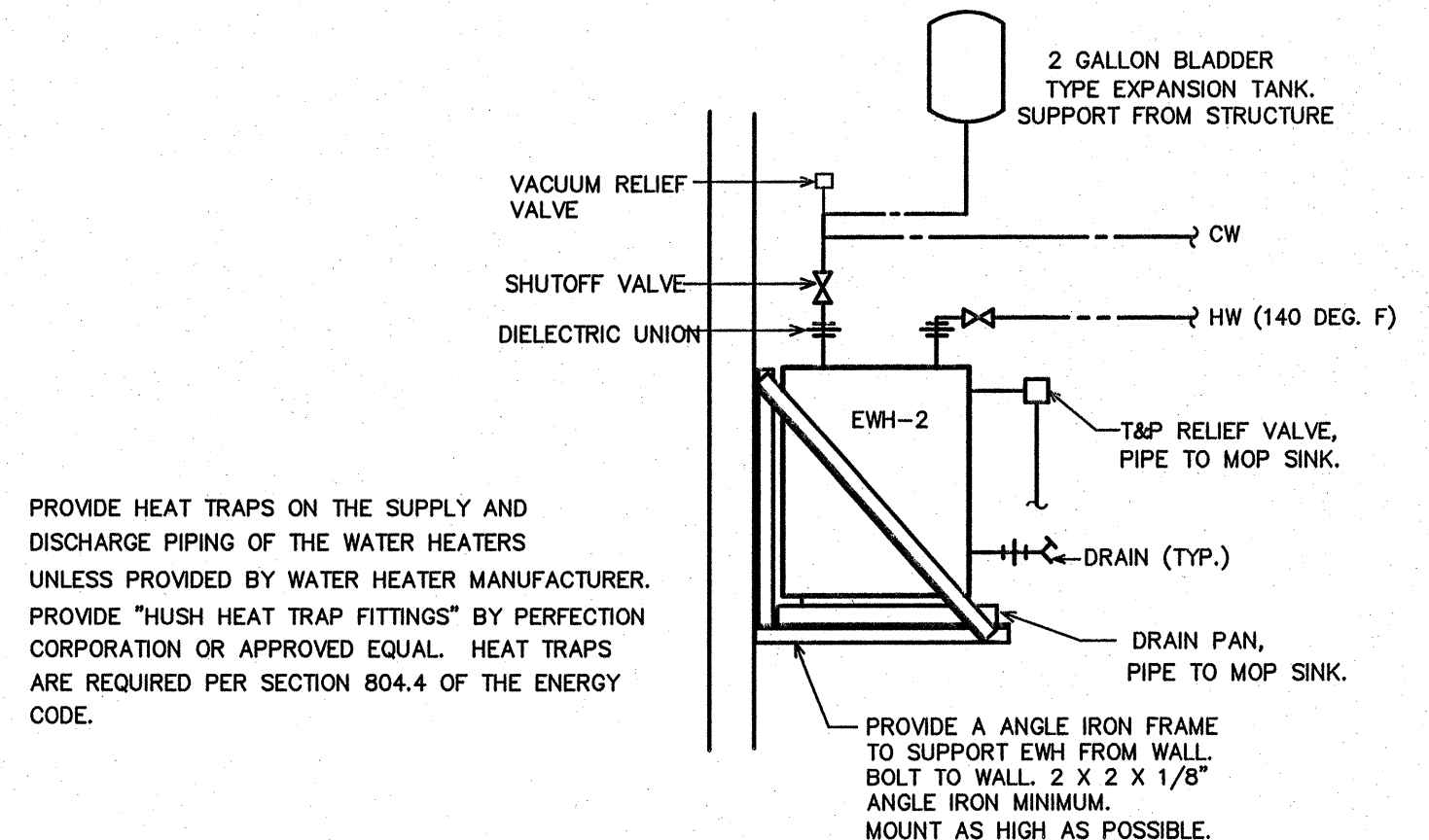
PLUMBING FIXTURE SCHEDULE *

MARK	DESCRIPTION	ALTERNATE MANUFACTURER/MODEL	ALTERNATE MANUFACTURER/MODEL
WC/ WCHC	WATER CLOSET AMERICAN STANDARD "AFWALL FLOWISE 1.28 GPF" #3353.128, ELONGATED BOWL, VITREOUS CHINA, AND 1 1/2" BACK SPUD. WCHC TO BE ADA COMPLIANT. PROVIDE OPEN FRONT SEAT, AND SENSOR W/ MANUAL OVERRIDE FLUSH VALVE, EQUAL TO HYDROTEK H-8000C-CB-WB FLUSH VALVE W/ELEC. WALL BOX.	ZURN #Z5617 FIXTURE. ZURN #ZEMS6140AV FLUSH VALVE.	KOHLER KINGSTON #K-4329 FIXTURE. SLOAN REGAL OPTIMA MODEL 152-1.28ES-S VALVE.
WC-1	WATER CLOSET AMERICAN STANDARD "MADERA FLOWISE 1.28 GPF" #3461.128, ELONGATED BOWL, VITREOUS CHINA, AND 1 1/2" TOP SPUD. ADA COMPLIANT. PROVIDE OPEN FRONT SEAT, AND SENSOR W/ MANUAL OVERRIDE FLUSH VALVE EQUAL TO HYDROTEK H-8000C-CT-WB FLUSH VALVE.	ZURN #Z5665 FIXTURE. ZURN #ZEMS6000IS FLUSH VALVE.	KOHLER HIGHCREST #K-4302 FIXTURE. REGAL OPTIMA MODEL 153-1.28ES-S VALVE.
UR	URINAL AMERICAN STANDARD "FLOWISE FLUSH-FREE" WATERLESS URINAL #6150.100, VITREOUS CHINA, WALL HUNG, ADA COMPLIANT.	SLOAN MODEL #WES-1000.	CAROMA MODEL #H2ZERO.
L1	LAVATORY (ACCESSIBLE, WALL HUNG) AMERICAN STANDARD "LUCERNE" #0355.012 WHITE WITH CONCEALED ARM CARRIER AND DRAIN ASSEMBLY (7723.018). ADA COMPLIANT. FURNISH WITH HYDROTEK 2603C AC POWERED FAUCET. PROVIDE ACCESSORIES AS REQUIRED. COORDINATE TRIM AND SINK FAUCET DRILLING FOR SINGLE HOLE OR AS REQUIRED PER OWNER.	KOHLER GREENWICH #K-2032 WITH SLOAN SENSOR FAUCET #ETF-80.	ELJER MURRAY II #051-0244 WITH AMERICAN STANDARD INNSBROOK #6059.205.
L2	2- STATION LAVATORY (ACCESSIBLE) BRADLEY MODEL #EXD-2N, TERREON ACRYLIC MODIFIED POLYESTER RESIN DOUBLE MODULE SINK SYSTEM (COORDINATE COLOR W/ARCH.). 50" x 21" WALL HUNG LAVATORY. ADA COMPLIANT WITH WALL HANGER SUPPORT FRAME. FURNISH WITH HYDROTEK 2603C AC POWERED FAUCET. PROVIDE ACCESSORIES AS REQUIRED. COORDINATE TRIM AND SINK FAUCET DRILLING FOR SINGLE HOLE OR AS REQUIRED PER OWNER.	SLOAN SLOANSTONE #ELS-42000 WITH SLOAN SENSOR FAUCET #ETF-80.	ACORN MERIDIAN #3792-1-SO WITH INTEGRATED AC SENSOR FAUCETS.
MS	MOP SINK ACORN # TRH-303006, 30"x30"x6" TERRAZZO SERVICE BASIN WITH REDUCED HEIGHT AND STAINLESS STEEL GRID STRAINER AND 3" PIPE CONNECTION. FAUCET: ACORN MODEL KFC CHROME PLATED SERVICE FAUCET WITH VACUUM BREAKER. INTEGRAL STOPS, ADJUSTABLE WALL BRACE, PAIL HOOK AND 3/4" HOSE THREAD ON SPOUT. HOSE & HOSE BRACKET: ACORN MODEL KH36 LONG FLEXIBLE 5/8" RUBBER HOSE, CLOTH REINFORCED.	FLORESTONE MOP SINK #92 WITH SPEAKMAN #MR-371 FAUCET, HOSE AND MOP HANGER.	CRANE MOP SINK #TSB-3002 WITH #830-AA FAUCET, #832-AA HOSE, #1453-BB STRAINER, #889-CC MOP HANGER, #E-77-AA BUMPER GUARD, AND STAINLESS STEEL SPLASH GUARD.
CP	CIRCULATING PUMP BELL & GOSSET, SERIES NBF-22 IN-LINE CIRCULATOR PUMP, 1/12 HP, 115 VAC, FLA=0.8 1 Ph., 3/4" CONN., WITH A MAXIMUM OF 22 GPM AND 15' TDH. PUMP TO BE ALL BRONZE CONSTRUCTION, COORDINATE WITH ELEC. CONTRACTOR FOR POWER FEED. PROVIDE DISCONNECT SWITCH.	TACO MODEL #110.	ARMSTRONG MODEL #S-25.
EWC	HIGH/LOW ELECTRIC WATER COOLER DASIS DUAL LEVEL ELECTRIC WATER COOLER. MODEL # P8ACSL, ADA COMPLIANT. PIPE TO SINGLE DRAIN AND SUPPLY LINE.	HALSEY TAYLOR #HACBBL-Q.	ELKAY MODEL #EZSTLBC.
TPV	TRAP PRIMER VALVE PPP INC. MODEL# PR-500, 1/2" INLET, 1/2" OUTLET	JOSAM #88300.	WATTS #A200.
WS	WATER CLOSET SUPPORTS JR SMITH MODEL# 0542F, VERTICAL HUB AND SPIGOT.	ZURN #1204	JOSAM STD. 4" HUB AND SPIGOT, 2" VENT.
US	URINAL SUPPORTS SMITH MODEL# 0637	ZURN #1221.	JOSAM #17550.
TMV	THERMOSTATIC MIXING VALVE LEONARD TM-15-E MIXING VALVE WITH CHECKSTOPS. INSTALL IN ACCESSIBLE LOCATION. SET OUTFLOW TO SPECIFIED TEMPERATURE (90 DEG F.). INSTALL PER MANUFACTURER'S SPECIFICATIONS.	WATTS MMV SERIES.	TACO 5000 SERIES.
HB	HOSE BIBB ZURN Z-1330-C, 3/4" WALL HYDRANT WITH VANDAL RESISTANT VACUUM BREAKER. ENCASED WITH KEY LOCK.	WATTS #HY-330.	JAY R. SMITH #5509QT.
EWH-1	SOLAR ELECTRIC WATER HEATER RHEEM SOLPAK MODEL# RS80-48BP SOLAR WATER HEATING SYSTEM, 80 GALLONS, 4500W, 208V SINGLE ELEMENT BACKUP. PROVIDE STATE MODEL# ETC-SX EXPANSION TANK ON CW SUPPLY. INSTALL CLOSED LOOP GLYCOL SYSTEM PER MFR SPECS/RECOMMENDATIONS.	AO SMITH ORRTEX SOLAR ELECTRIC SYSTEM. AO SMITH PMC-5 EXPANSION TANK.	BRADFORD WHITE ECOSTOR SINGLE COIL SYSTEM. AMTROL ST-12-C EXPANSION TANK.
EWH-2	ELECTRIC WATER HEATER A.O. SMITH MODEL EJC-10, 10 GALLON, 1650 WATT, 3/4" INLET AND OUTLET, 120V. MOUNT ON WALL. MODEL# PMC-2 EXPANSION TANK.	RHEEM #B1VP10S. AMTROL ST-5-C EXPANSION TANK.	BRADFORD WHITE #M-1-10U6SS. STATE ETC-2X EXPANSION TANK.
FD	FLOOR DRAIN ZURN ZN-415. PROVIDE WITH DEEP SEAL P-TRAP, AND TYPE "B" STRAINER. PROVIDE VANDAL-PROOF TOP. PROVIDE MODEL WITH TRAP PRIMER CONNECTION ONLY FOR FLOOR DRAINS IN AREAS NOTED ON SHEET P2.	JOSAM #30000A.	JAY R. SMITH #2005-A.
MTR	WATER METER NEPTUNE, 2", MODEL T-10. METER INDICATION SHALL BE WITH BOTTOM OF GAUGE TOWARD FLOOR.	PARK ENVIRONMENTAL EQUIP. 2" TURBINE.	HERSEY HORIZON 2" TURBINE.
FPHB	FREEZE-PROOF HOSEBIBB ZURN Z-1320-C, 3/4" NON FREEZE WALL HYDRANT WITH VANDAL RESISTANT VACUUM BREAKER. ENCASED WITH KEY LOCK.	JAY R. SMITH #5509QT.	WATTS HY-725.
RPZ	3" REDUCED PRESSURE BACKFLOW PREVENTER WATTS MODEL #090QT-3" REDUCED PRESSURE BACKFLOW PREVENTER, IRON CONSTRUCTION.	ZURN #375-3"	FEBCO #860-3"

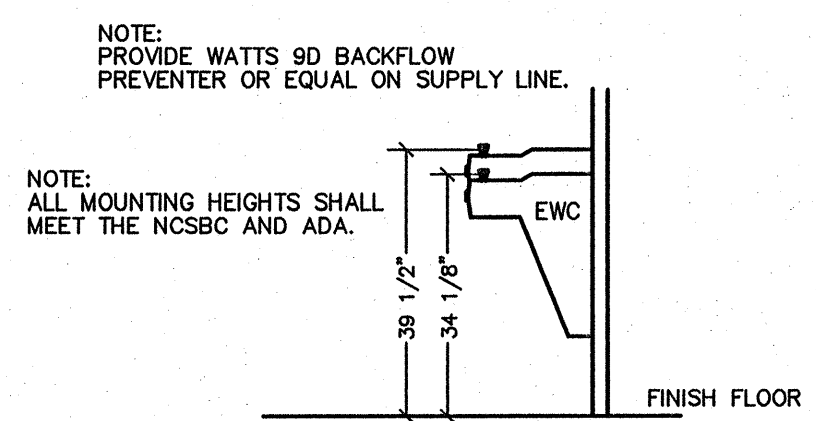
*OR APPROVED EQUAL



1 EWH-1 DETAIL
SCALE: NOT TO SCALE



2 EWH-2 DETAIL
SCALE: NOT TO SCALE



3 EWC DETAIL
SCALE: NOT TO SCALE

SYMBOL LEGEND - PLUMBING

SYMBOL	DESCRIPTION
---	WASTE PIPING (W)
- - - -	VENT PIPING (V)
---	COLD WATER PIPING (CW)
---	HOT WATER PIPING (HW)
---	HOT WATER RETURN PIPING (HWR)
GLY	GLYCOL PIPING (GLY)
○ COFF	CLEANOUT FINISH FLOOR
⊥ WCO/HCO	WALL/HORIZONTAL CLEANOUT
⊕ COFG	CLEANOUT FINISH GRADE-PROVIDE FLUSH CONCRETE COLLAR AND BRONZE COVER
⊥	DIELECTRIC UNION
⊥	SHUT-OFF VALVE
⊥	CHECK VALVE
⊕	BALANCING VALVE
⊕	CIRCULATION PUMP (CP)
⊕	WATER METER (MTR)
⊥	VENT THRU ROOF (VTR)
TMV	THERMOSTATIC MIXING VALVE (TMV)

LOAD SUMMARY - PLUMBING

WASTE DEMAND (FU)	WATER DEMAND (FU)	WATER DEMAND (GPM)
148.0	241.5	98.7

1-40 REST AREA
JOHNSTON COUNTY NORTH CAROLINA

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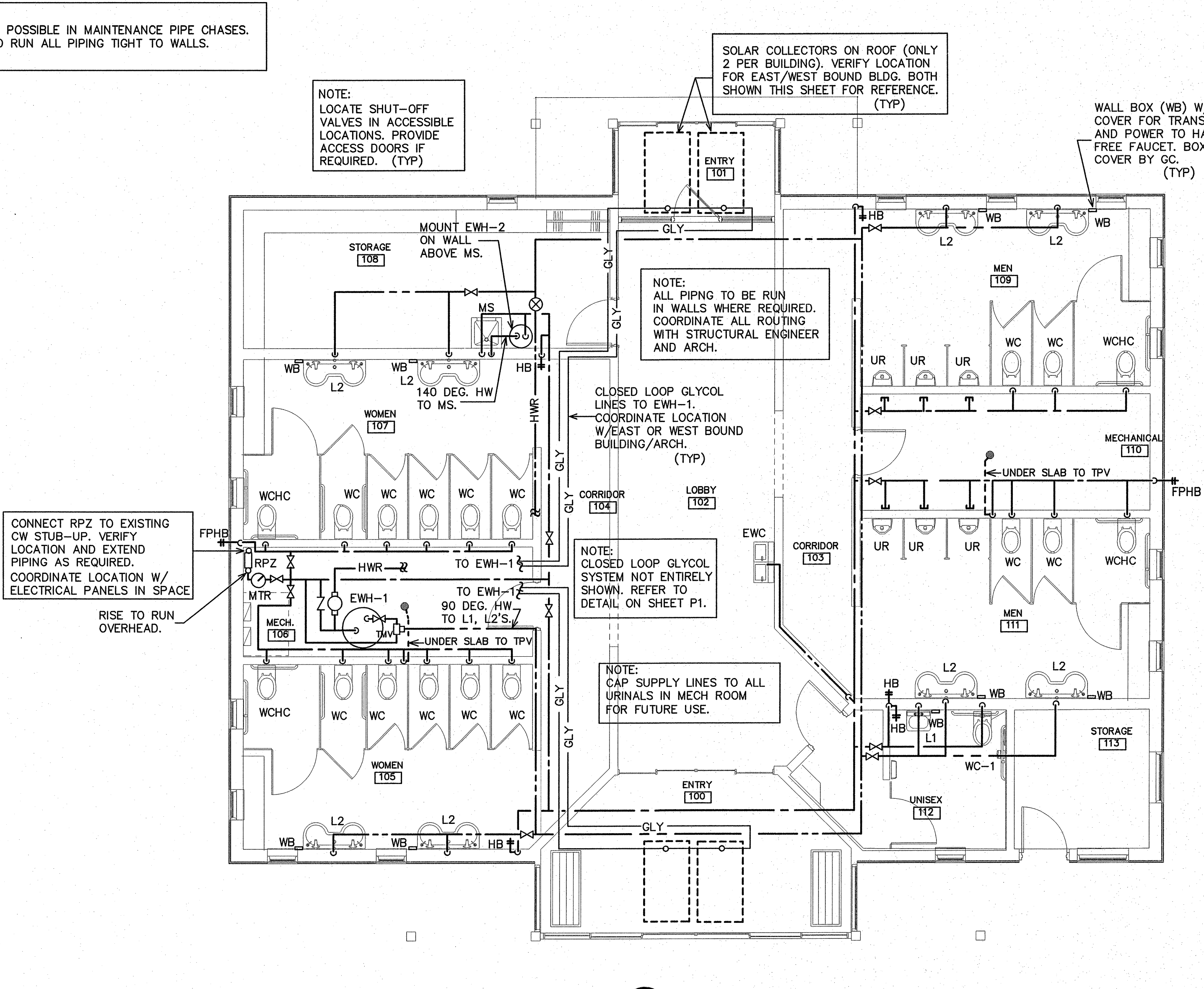
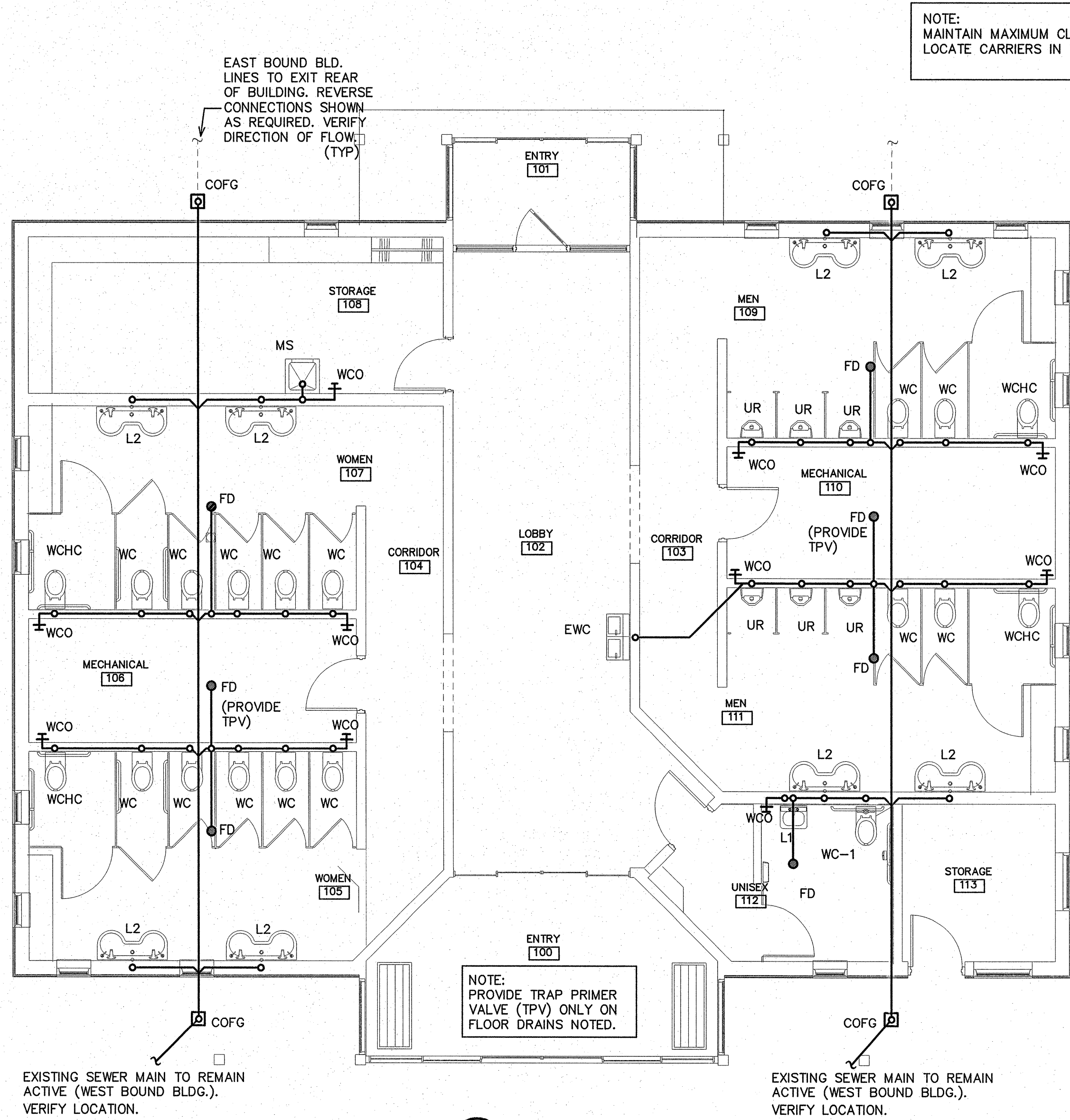
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DRAWN BY: DS CHECKED BY: BEB ISSUE DATE: 20 AUG 12

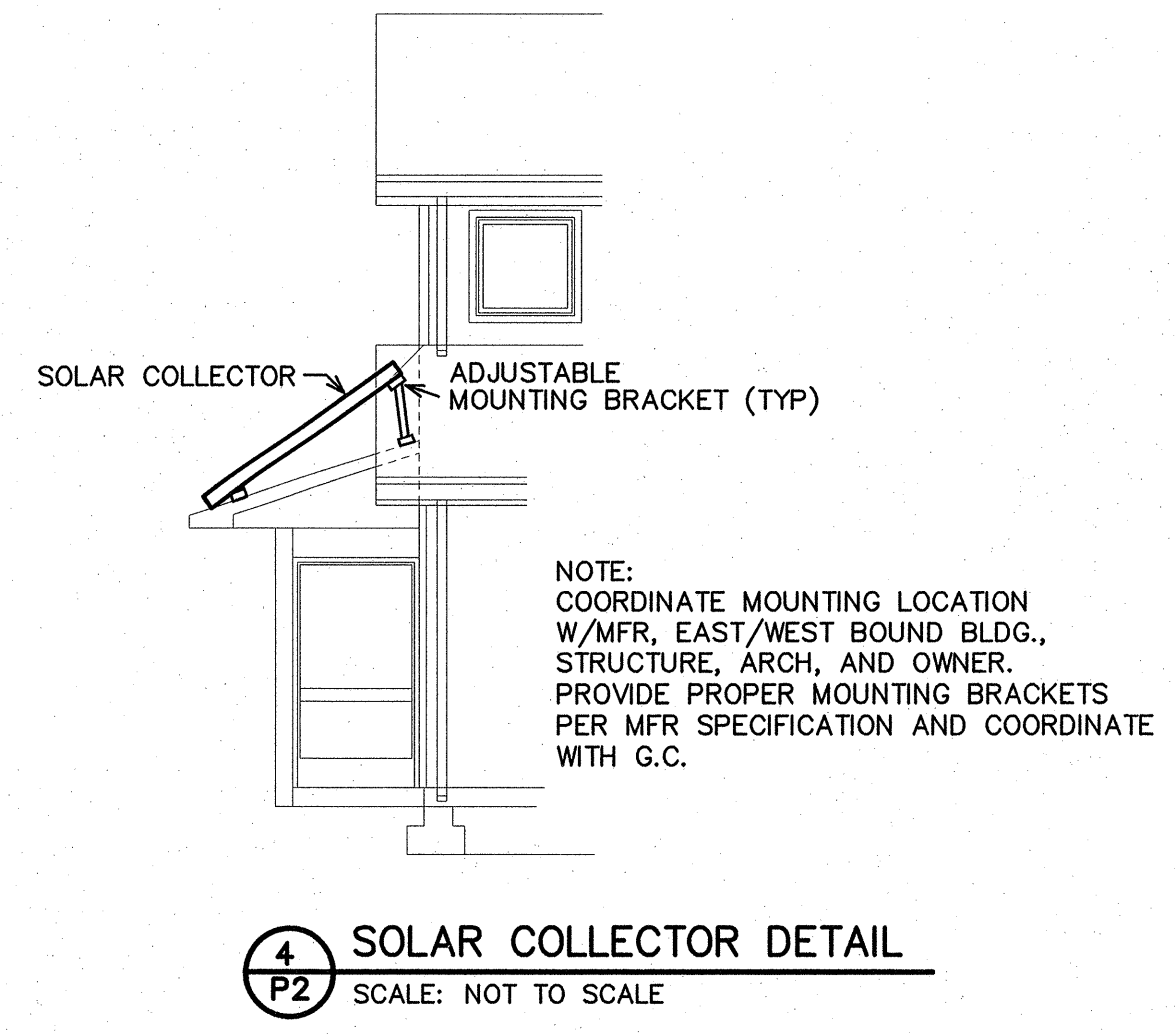
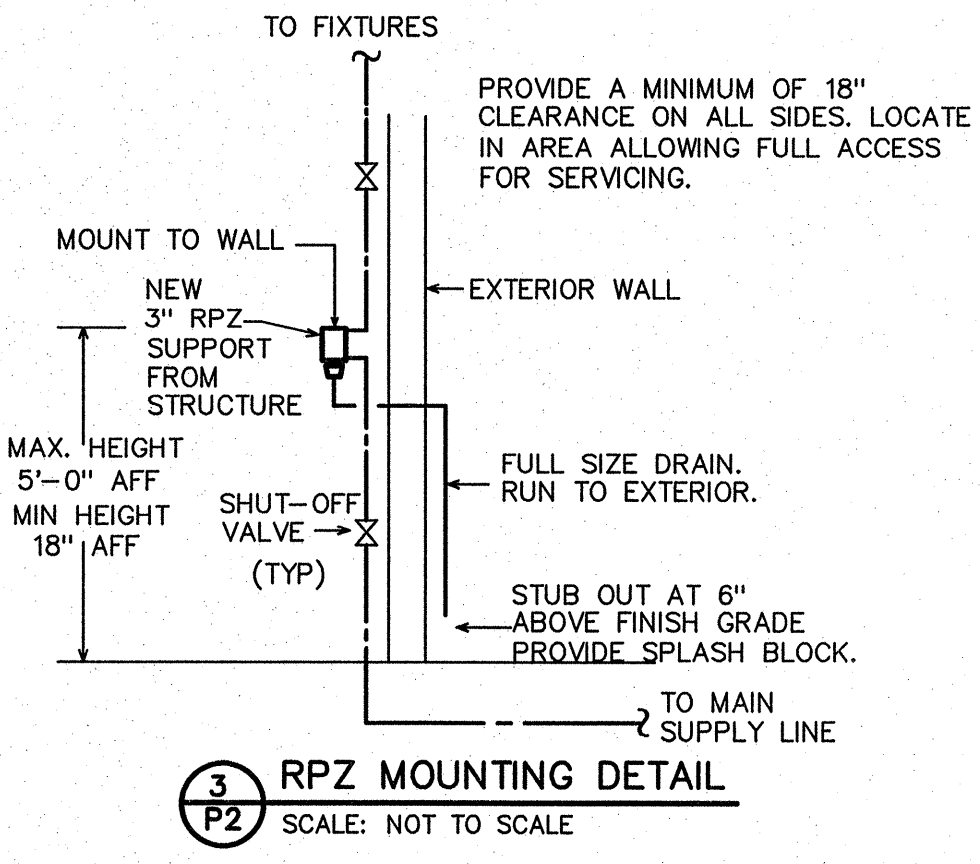
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k-5001	41533.3.1	-	IMS-040-5(49)325
NO.	REVISIONS/SUBMISSIONS	DATE	SHEET NO.
			P1
			1 OF 4

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8/20/12



- GENERAL NOTES - PLUMBING**
- PREPLAN ALL WORK PRIOR TO ORDERING, PURCHASING, OR FABRICATING ANY PART OF THE WORK DESCRIBED BY THIS DRAWING.
 - IMMEDIATELY NOTIFY THE ENGINEER OF ANY CONFLICTS WITH EXISTING FIELD CONDITIONS OR THE WORK OF OTHER TRADES.
 - RESOLVE ALL CONFLICTS PRIOR TO INCURRING ANY MATERIAL OR LABOR EXPENSES.
 - COMPLY WITH THE MANUFACTURER'S TECHNICAL INSTRUCTIONS WHEN INSTALLING PLUMBING FIXTURES, MATERIALS, AND DEVICES.
 - LOCATE FIXTURES AND EQUIPMENT GENERALLY AS SHOWN ON THE PLANS; HOWEVER, COORDINATE LOCATIONS WITH ACTUAL FIELD CONDITIONS TO PRESERVE ALL CODE-REQUIRED AND MANUFACTURER-REQUESTED SERVICE CLEARANCES.
 - COORDINATE ROUTING OF ALL PIPING WITH BUILDING STRUCTURE AND WITH THE WORK OF OTHER TRADES. OFFSET VENT PIPING AROUND BEAMS AND JOISTS AS NECESSARY.
 - ALL HANDICAP FIXTURES AND INSTALLATION OF HANDICAP FIXTURES SHALL CONFORM TO ADA REQUIREMENTS.
 - AT EXTERIOR WALL, INSTALL WATER PIPING ON HEATED SIDE OF WALL INSULATION.
 - PROVIDE WATER HAMMER ARRESTORS AT THE END OF EACH COLD AND HOT WATER BRANCH RISER. SIZE ARRESTOR APPROPRIATELY.
 - PROVIDE CONCRETE RING FOR ALL EXTERIOR CLEAN-OUTS.
 - REVIEW SITE PLAN FOR UTILITIES AND ORIENTATION PRIOR TO START OF WORK.
 - G.C. TO PROVIDE ROOF PENETRATIONS.



PROJECT:
1-40 REST AREA
JOHNSTON COUNTY NORTH CAROLINA

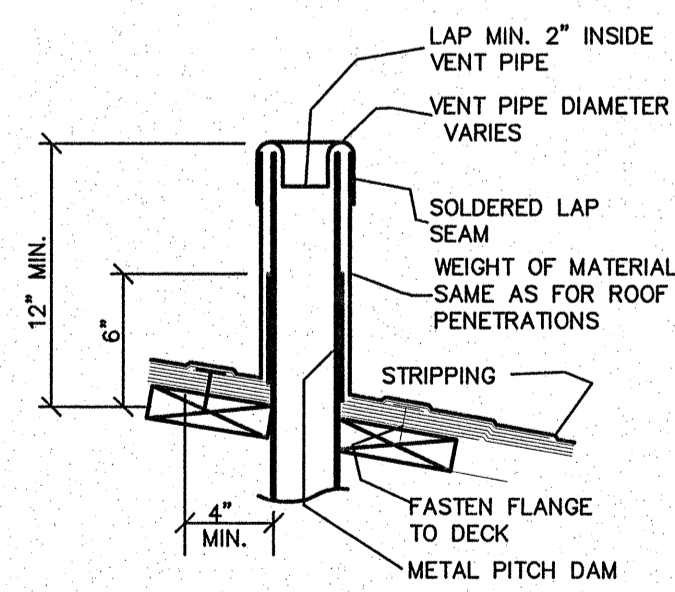
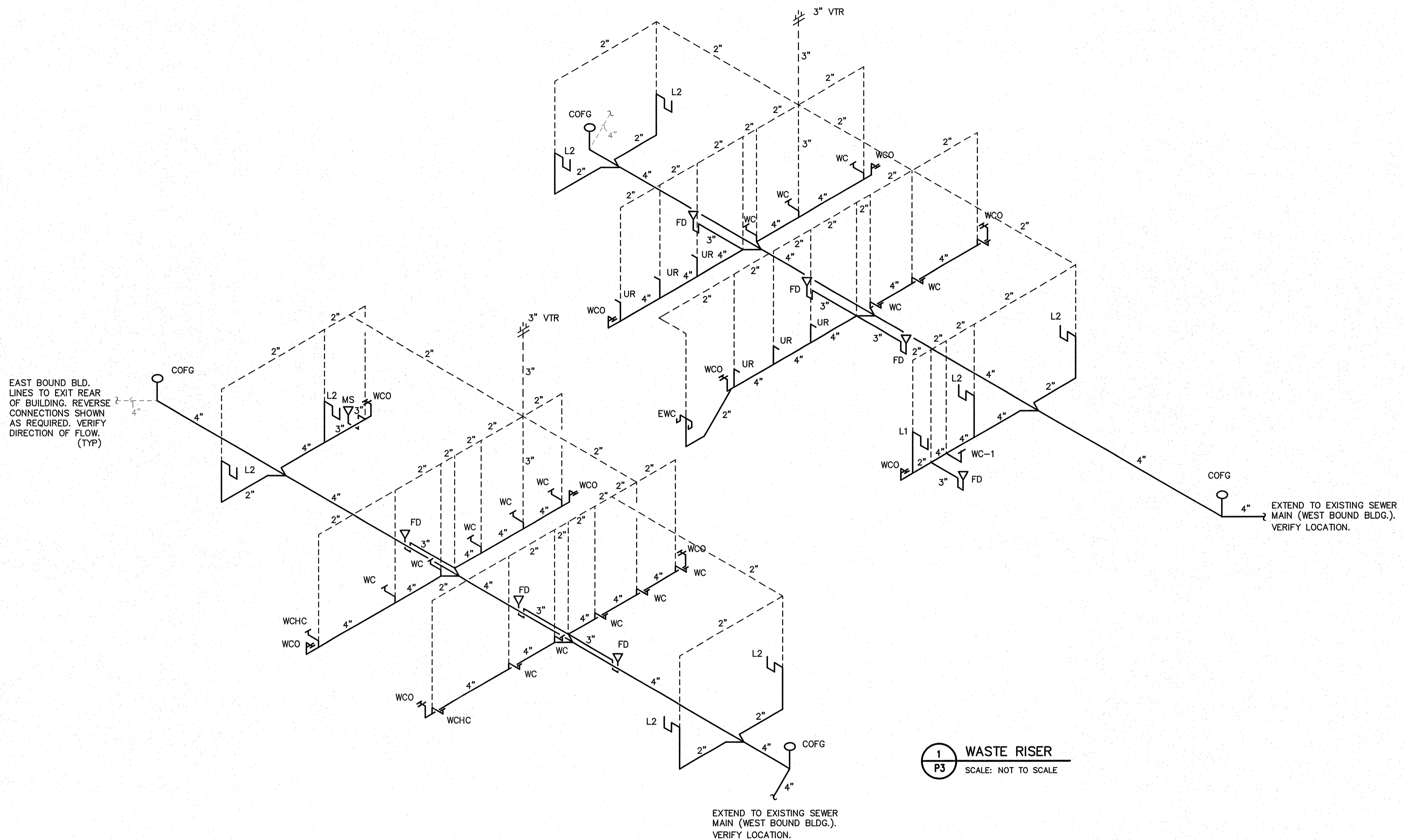
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DRAWING TITLE: **EASTBOUND/WESTBOUND**

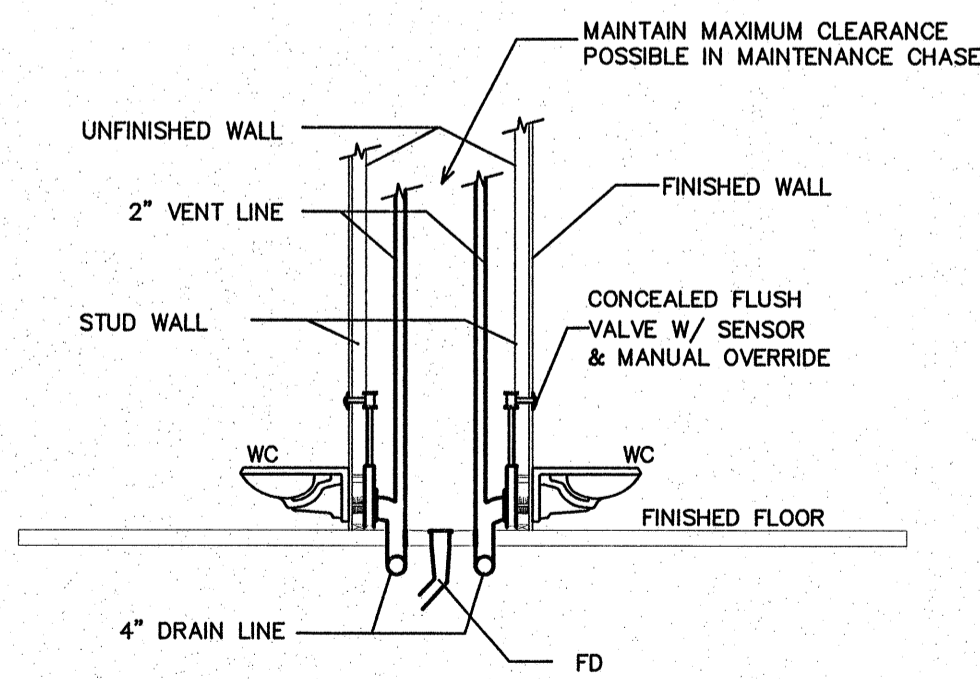
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NO.	REVISIONS/SUBMISSIONS	DATE	SHEET NO.
			P2 2 OF 4

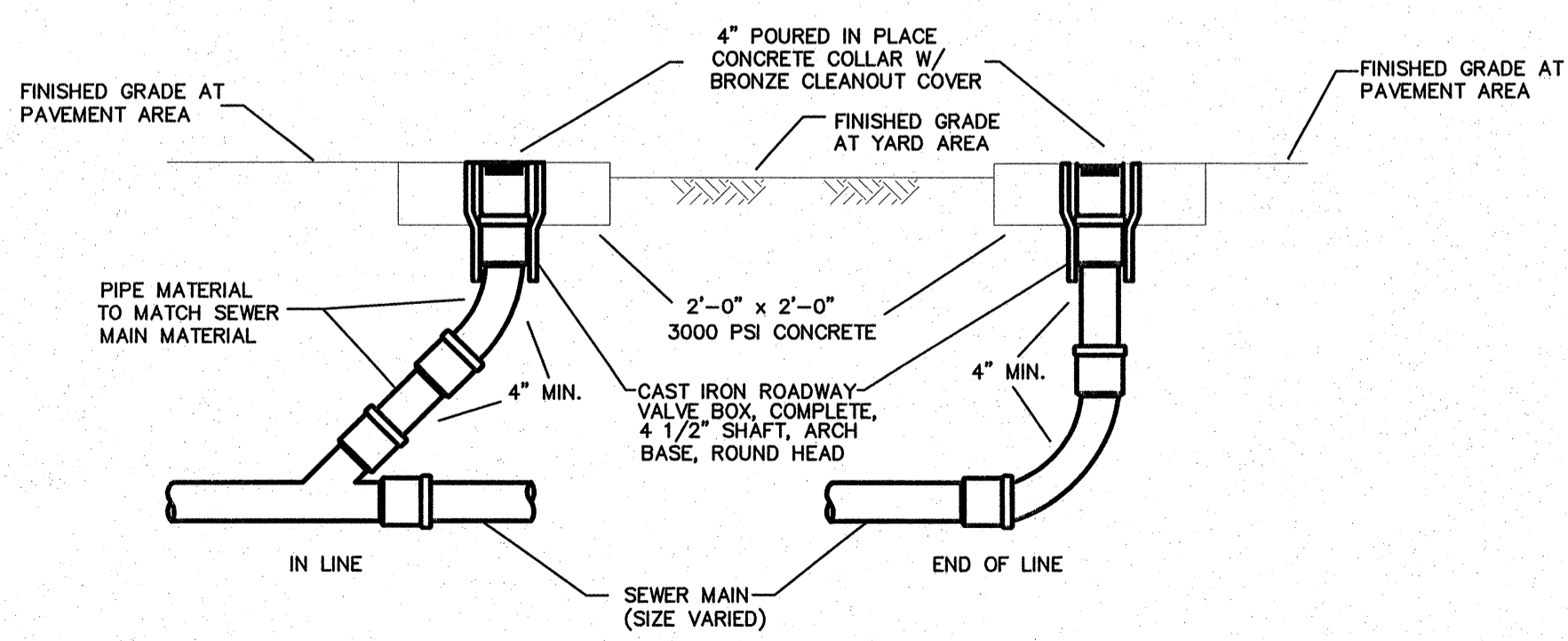
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2 VTR DETAIL
P3 SCALE: NOT TO SCALE



3 WATER CLOSET DETAIL
P3 SCALE: NOT TO SCALE



4 GRAVITY SEWER CLEANOUT
P3 SCALE: NOT TO SCALE

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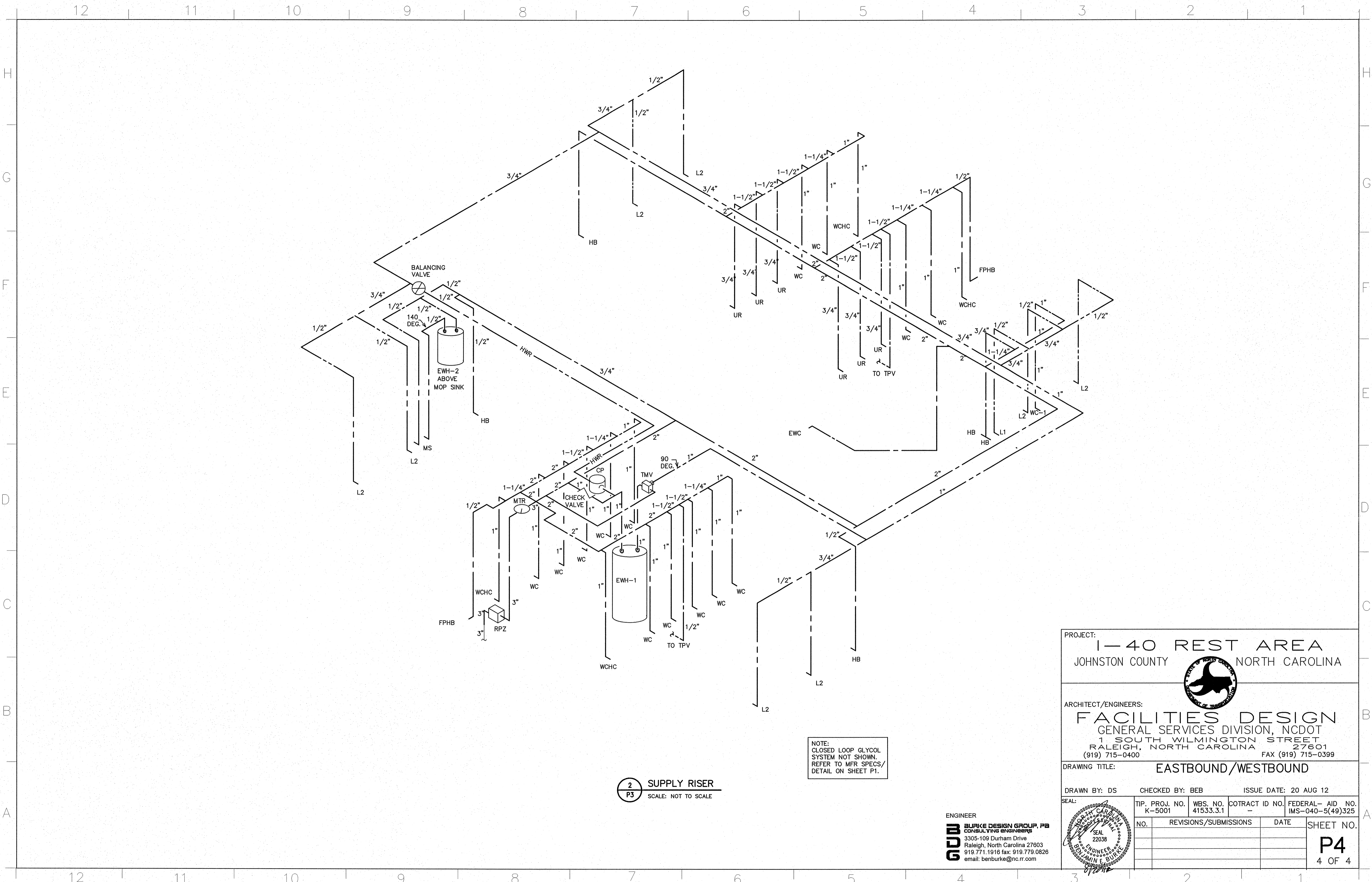
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SEAL:	TIP. PROJ. NO. K-5001	WBS. NO. 41533.3.1	CONTRACT ID NO. -	FEDERAL-AID NO. IMS-040-5(49)325
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NO.	REVISIONS/SUBMISSIONS	DATE	SHEET NO.
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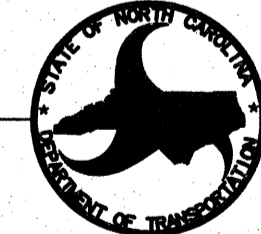


2 SUPPLY RISER
P3 SCALE: NOT TO SCALE

NOTE:
 CLOSED LOOP GLYCOL
 SYSTEM NOT SHOWN.
 REFER TO MFR SPECS/
 DETAIL ON SHEET P1.

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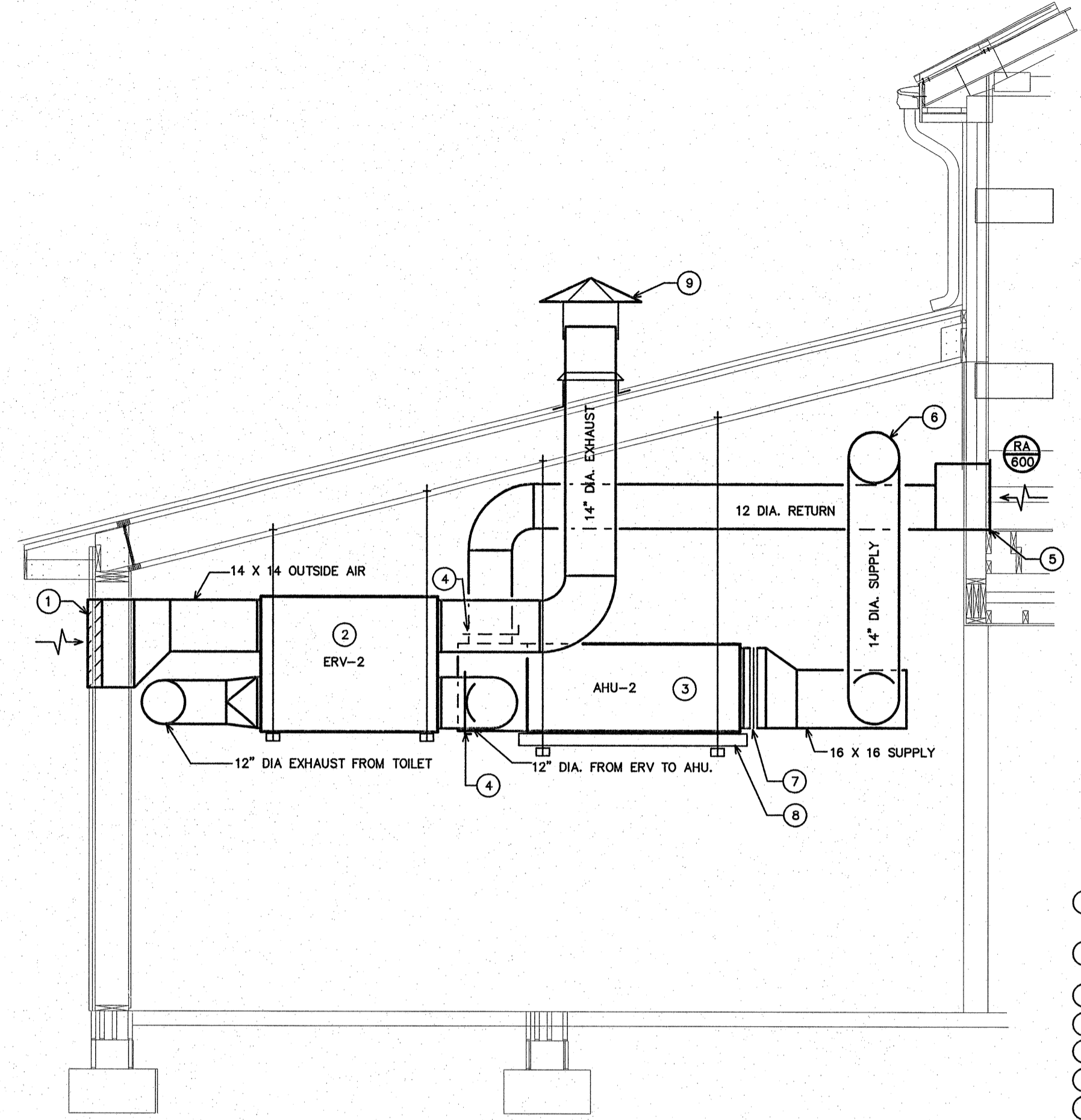


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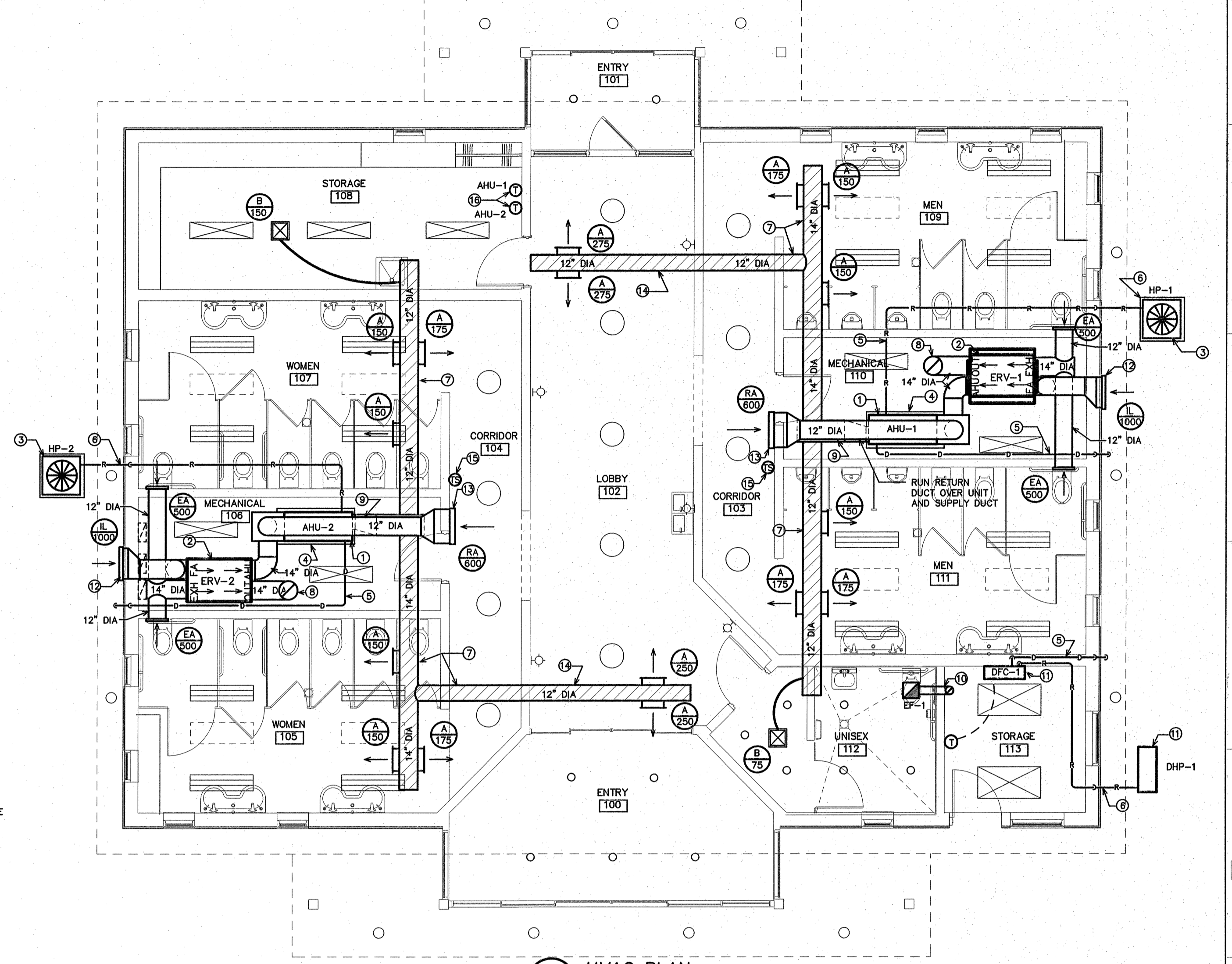
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NO.	REVISIONS/SUBMISSIONS	DATE	SHEET NO.
			P4 4 OF 4



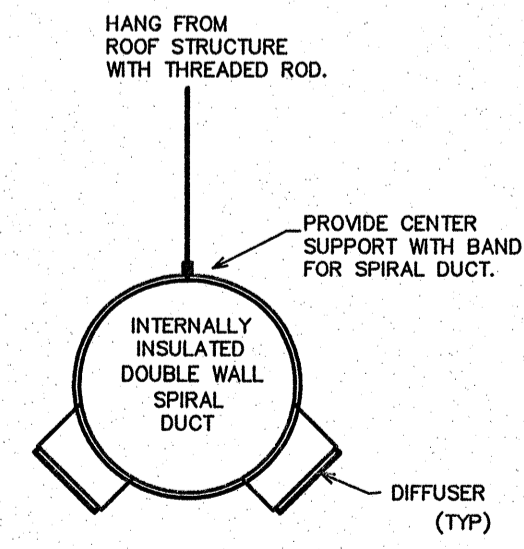
3 TYPICAL MECHANICAL ROOM SECTION
M2 SCALE: 3/8"=1'-0"

- KEY NOTES FOR 3/M2
- 24" x 24" OUTSIDE AIR INTAKE LOUVER. LOUVER SHALL BE EQUAL TO CARNES MODEL. FKAA. COLOR AS SELECTED BY ARCHITECT. LOUVER SHALL BE 10'-0" MIN. FROM ANY EXHAUST DISCHARGE.
 - ENERGY RECOVERY VENTILATOR SUSPENDED FROM STRUCTURE. PROVIDE ALL MANUFACTURER'S REQUIRED CLEARANCES.
 - AHU SUSPENDED FROM STRUCTURE. PROVIDE ALL MANUFACTURER'S REQUIRED CLEARANCES.
 - MANUAL BALANCING DAMPER WITH LOCKING QUADRANT.
 - 18" X 18" SIDE WALL MOUNTED RETURN AIR GRILLE IN LOBBY.
 - SPIRAL SUPPLY AIR DUCT TO BUILDING.
 - FLEXIBLE CONNECTIONS ON ALL DUCT CONNECTIONS TO EQUIPMENT. (TYPICAL).
 - FULL LENGTH GALVANIZED STEEL DRAIN PAN UNDER AHU.
 - GALVANIZED STEEL "STOVE PIPE" VENT CAP FOR EXHAUST. PROVIDE WITH BIRD SCREEN. CAP SHALL BE 10'-0" MIN. FROM ANY OUTSIDE AIR INTAKE.

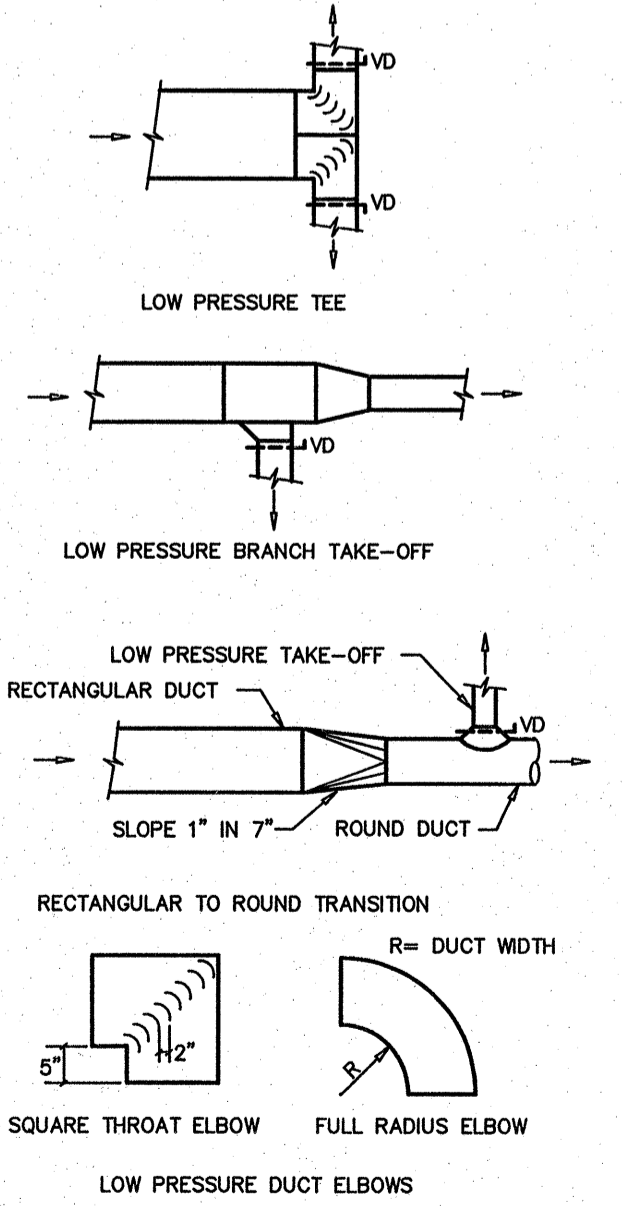


4 HVAC PLAN
M2 SCALE: 3/16"=1'-0"

- KEY NOTES FOR 4/M2
- AIR HANDLING UNIT ABOVE CEILING SUSPENDED FROM STRUCTURE. SEE DETAIL 1/M3. MAINTAIN A MINIMUM OF 6'-6" CLEARANCE A.F.F.
 - ERV SUSPENDED FROM THE STRUCTURE. SEE DETAIL 3/M2. MAINTAIN A MINIMUM OF 6'-6" CLEARANCE A.F.F. DUCT WORK CONNECTIONS TO ERV ARE ACTUALLY "OVER AND UNDER". DUCT CONNECTION ARE SHOWN "SIDE-BY-SIDE" FOR CLARITY. SEE SECTION 1/M4 FOR ACTUAL DUCT CONNECTIONS.
 - HEAT PUMP UNIT MOUNTED ON A 4" "POURED IN PLACE" CONCRETE PAD.
 - PROVIDE DRAIN PAN UNDER AHU FOR THE FULL LENGTH. PROVIDE FLOAT SWITCH IN PAN FOR OVERFLOW. WIRE TO SHUT DOWN UNIT.
 - RUN PVC CONDENSATE DRAIN TO THE EXTERIOR. CONCEAL IN EXTERIOR WALL. INSULATE THE ENTIRE LENGTH. TURN DOWN INTO THE PLANTING AREA.
 - RUN THE REFRIGERANT LINES CONCEALED IN THE EXTERIOR WALL. SEAL WALL PENETRATION. PAINT ALL EXPOSED, EXTERIOR INSULATION WITH UV RESISTANT PAINT.
 - RUN SPIRAL DUCTWORK EXPOSED OVERHEAD IN THIS ROOM. COORDINATE MOUNTING HEIGHT WITH ARCHITECT. SUPPORT FROM STRUCTURE PER DETAIL 1/M2.
 - RUN OA DUCT THRU ROOF AND PROVIDE A ROOF CAP. SEE SCHEDULE. GC SHALL PROPERLY SEAL ROOF PENETRATION. SEE SHEET AS.
 - RUN RETURN DUCT OVER AIR HANDLING UNIT TO WALL GRILLE. DO NOT BLOCK UNIT ACCESS.
 - RUN EXHAUST DUCT THRU ROOF AND PROVIDE A ROOF CAP. SEE SCHEDULE. GC SHALL PROPERLY SEAL ROOF PENETRATION. MAINTAIN A MINIMUM OF 10'-0" CLEARANCE FROM ANY INTAKES.
 - DUCTLESS SPLIT SYSTEM MOUNTED AT 6'-6" A.F.F. RUN ALL REFRIGERANT AND CONDENSATE LINES CONCEALED IN WALL TO EXTERIOR. MOUNT EXTERIOR UNIT MOUNTED ON A 4" "POURED IN PLACE" CONCRETE PAD.
 - SEE EXTERIOR ELEVATIONS FOR EXACT LOCATION OF INTAKE GRILLE. ROUTE DUCT AS REQUIRED TO REACH LOCATION.
 - WALL MOUNTED RETURN AIR GRILLE.
 - SEE ARCHITECTURAL DRAWINGS FOR DUCT HEIGHTS. PROVIDE NATURAL GALVANIZED FINISH.
 - REMOTE TEMPERATURE SENSOR. MOUNT ABOVE DOOR.
 - WALL MOUNTED THERMOSTATS. MOUNT AT 48" AFF.



1 SPIRAL DUCT DETAIL
M2 SCALE: NOT TO SCALE



2 DUCT CONSTRUCTION DETAILS
M2 SCALE: NOT TO SCALE

PROJECT:
1-40 REST AREA
JOHNSTON COUNTY NORTH CAROLINA

ARCHITECT/ENGINEERS:
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DRAWING TITLE: **EASTBOUND/WESTBOUND**

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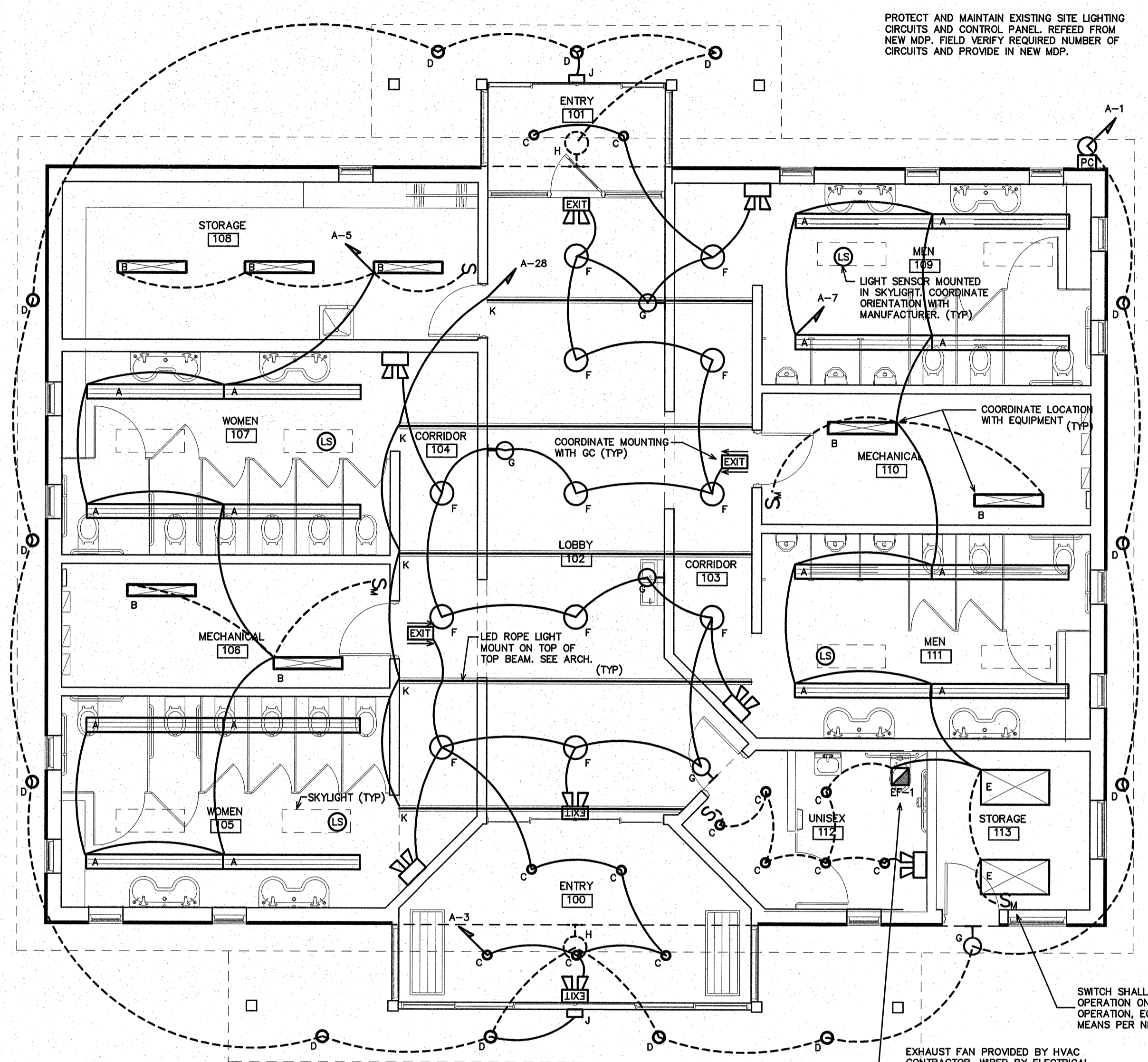
SEAL: [Professional Engineer Seal]

TIP. PROJ. NO. K-5001	WBS. NO. 41533.31	CONTRACT ID NO. -	FEDERAL-AID NO. IMS-040-5(49)325
NO.	REVISIONS/SUBMISSIONS	DATE	SHEET NO.
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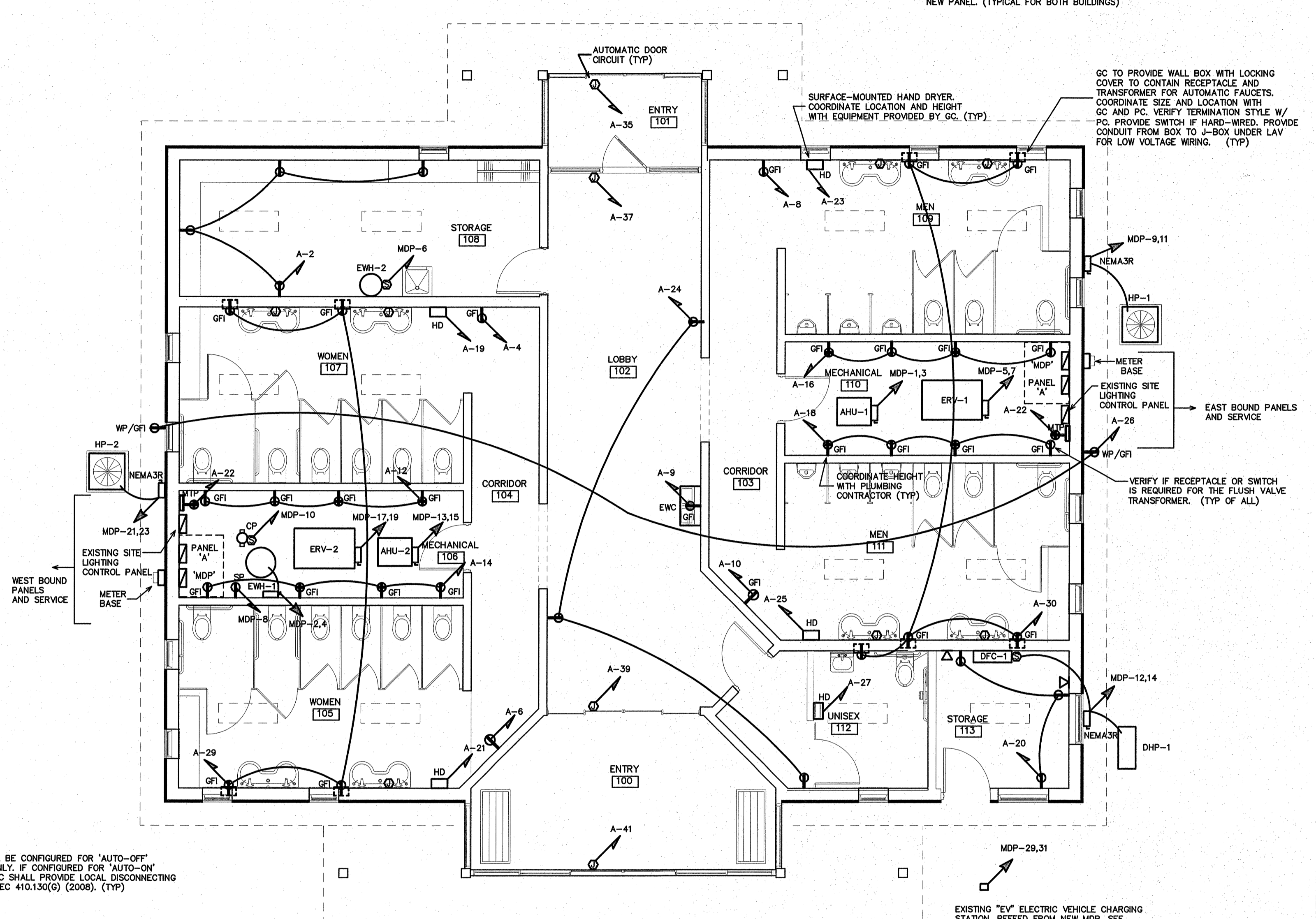
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NOTE: PROVIDE 50A, 120/240V CIRCUIT TO EXISTING UTILITY BUILDING ON SITE. EXTEND EXISTING CONDUCTORS TO NEW PANEL. (TYPICAL FOR BOTH BUILDINGS)



1 LIGHTING PLAN
E2 SCALE: 3/16"=1'-0"



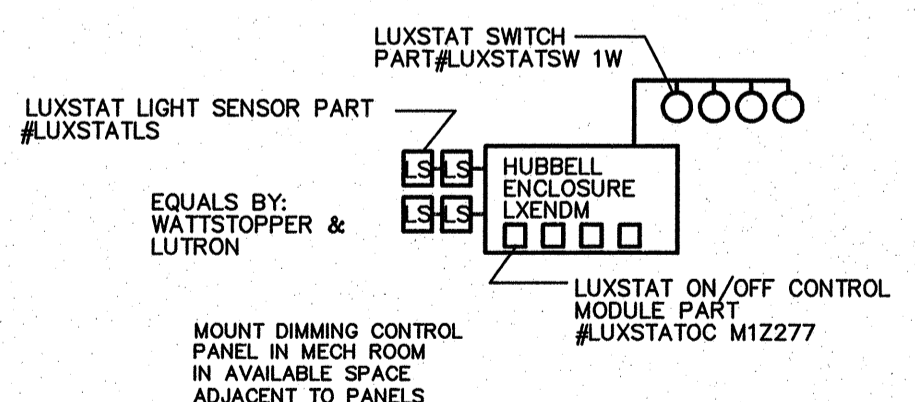
2 POWER PLAN
E2 SCALE: 3/16"=1'-0"

SEE ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHTS OF LIGHT FIXTURES.

FIXTURE SCHEDULE *									
MARK	MANUFACTURER	CATALOG NO.	VOLT.	LAMPS NO.	LAMPS TYPE	BALLAST TYPE	WATTS/LAMP	WATTS/FIXTURE	REMARKS
A	CREE	CS18-40L-40K-10V	UNV	-	LED	-	-	40	1X4 LINEAR SURFACE SUSPENDED LED
B	DAY-BRITE	T232-UNV-1/2-EB-TSR4-C173	UNV	2	T8	32	-	64	48" DUAL LAMP STRIP WITH REFLECTOR, WIRE GUARD **
C	JUNO	C22RLED03-35K-U-27B-WH	UNV	1	LED	12	-	12	6" RECESSED CAN, OPEN TRIM
D	INDY	L6-17351-L600H-CQ	120	1	LED	23	-	23	EXTERIOR 6" RECESSED CAN, OPEN REFLECTOR
E	DAY-BRITE	2SMR332-F501-UNV-1/3	UNV	3	LED	32	-	96	2X4 SURFACE MODULAR, PRISMATIC ACRYLIC LENS **
F	TMS	A103-E-1-CMXX-F05	120	1	LED	20	-	20	PENDANT, 16" REFLECTOR, WHITE
G	TMS	A101-H-1-GBRAB-GAL	120	1	LED	15	-	15	GOOSENECK, 12" REFLECTOR, GALVANIZED
H	TMS	A103-E-1-GBRJ1-GAL	120	1	LED	20	-	20	EXTERIOR GOOSENECK, 16" REFLECTOR, GALVANIZED
J	MCPHILBEN	PDNB	120	2	HAL	6	-	12	EXTERIOR EMERGENCY LIGHT, BLACK HOUSING
K	JESCO	LLMFH-1-120V	120	-	LED	-	-	0.5/FT	FLEXIBLE FLAT LIGHTING TUBE
MECH	MCPHILBEN	CCTXLRW	120	2	COMB	5.4	-	10.8	COMBINATION EMERGENCY (HALOGEN) / EXIT (LED) LIGHT
UNIX	MCPHILBEN	CTXBL12WCSWA	120	2	TUNG	5.4	-	10.8	EMERGENCY LIGHT
EXIT	MCPHILBEN	CXLR3RW	120	-	LED	-	-	3.7	EXIT LIGHT, WHITE HOUSING, RED STENCIL, EMERGENCY BATTERY BACKUP

* OR APPROVED EQUAL. PROVIDE CUT SHEETS FOR OWNER APPROVAL PRIOR TO ORDERING FIXTURES. FOR FLUORESCENT FIXTURES CONTROLLED BY MOTION SENSOR, PROVIDE "PROGRAMMED RAPID START" BALLASTS. CATALOG NUMBERS ARE FOR REFERENCE ONLY. ACTUAL NUMBERS MAY VARY. "EB" DENOTES ELECTRONIC BALLAST.

** VERIFY FIXTURE HAS INTEGRAL LOCAL DISCONNECTING MEANS PER NEC 410.130 (G) (2008).



3 DAYLIGHTING CONTROL SYSTEM
E2 SCALE: NOT TO SCALE

PROJECT:
1-40 REST AREA
JOHNSTON COUNTY NORTH CAROLINA

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DRAWN BY: WBT CHECKED BY: BEB ISSUE DATE: 20 AUG 12

SEAL: [Professional Engineer Seal]

TIP. PROJ. NO. K-5001 WBS. NO. 41533.3.1 CONTRACT ID NO. FEDERAL-AID NO. IMS-040-5(49)325

NO.	REVISIONS/SUBMISSIONS	DATE

NO. SHEET NO. **E2** 2 OF 3

38/Jul/12

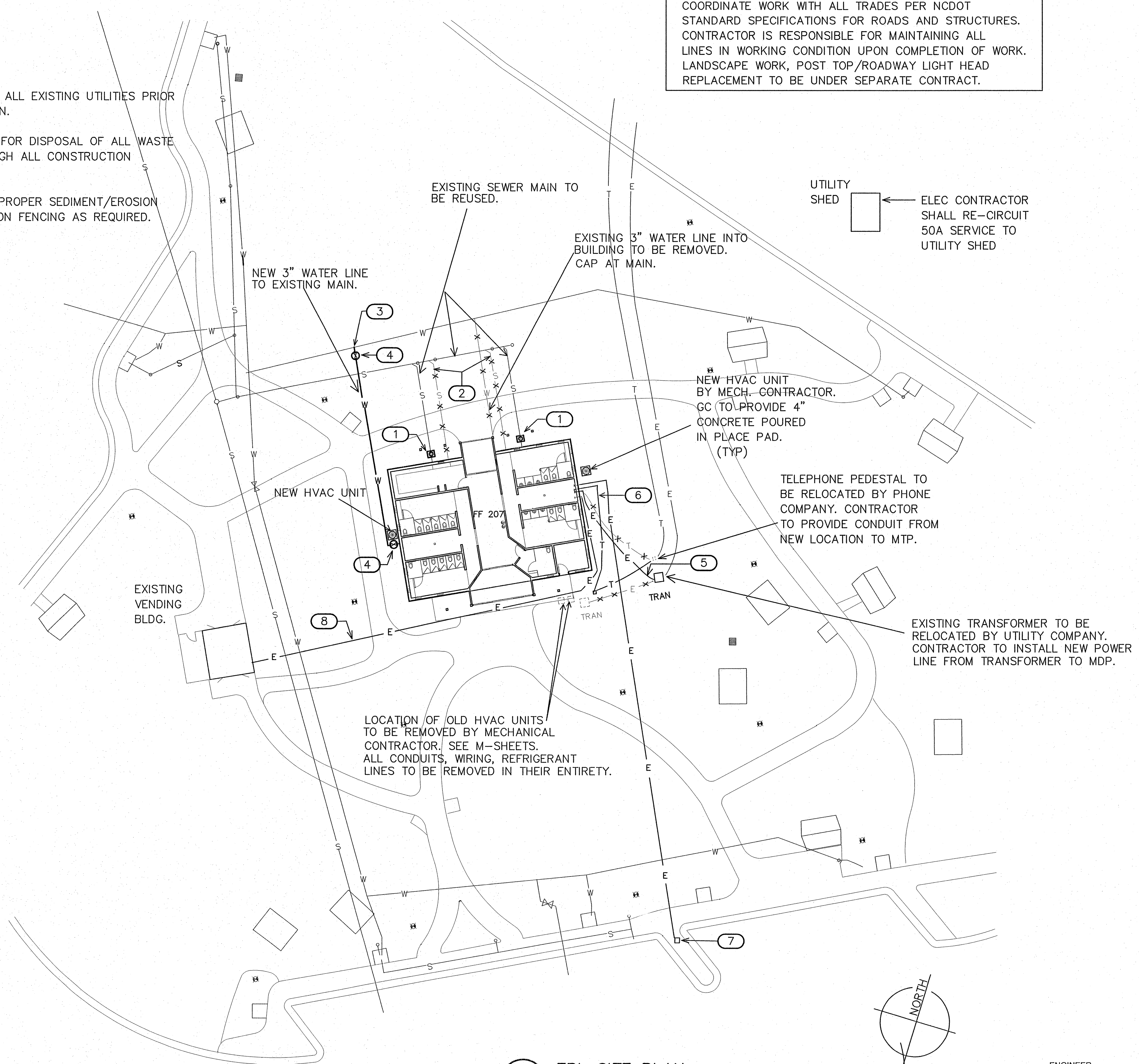
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CONSULTING ENGINEERS
3305-109 Durham Drive
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919.771.1916 fax: 919.779.0826
email: benburke@nc.rr.com

GENERAL NOTES

- 1) CONTRACTOR TO FIELD VERIFY ALL EXISTING UTILITIES PRIOR TO COMMENCING CONSTRUCTION.
- 2) CONTRACTOR IS RESPONSIBLE FOR DISPOSAL OF ALL WASTE MATERIALS GENERATED THROUGH ALL CONSTRUCTION RELATED ACTIVITIES.
- 3) CONTRACTOR SHALL PROVIDE PROPER SEDIMENT/EROSION CONTROL AND TREE PROTECTION FENCING AS REQUIRED.

COORDINATE WORK WITH ALL TRADES PER NCDOT STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL LINES IN WORKING CONDITION UPON COMPLETION OF WORK. LANDSCAPE WORK, POST TOP/ROADWAY LIGHT HEAD REPLACEMENT TO BE UNDER SEPARATE CONTRACT.

NOTE:
ALL SITE UTILITY WORK ON SHEETS U-1, U-2, AND U-3 WILL BE PAID FOR UNDER THEIR RESPECTIVE LUMP SUM PAY ITEMS FOR PLUMBING INSTALLATION REST AREA SERVICE BUILDING, HVAC INSTALLATION REST AREA SERVICE BUILDING, AND ELECTRICAL INSTALLATION REST AREA SERVICE BUILDING. NO SEPARATE LINE ITEMS ARE INCLUDED IN THIS PROJECT FOR SITE UTILITY WORK. COORDINATE WORK WITH ALL TRADES.




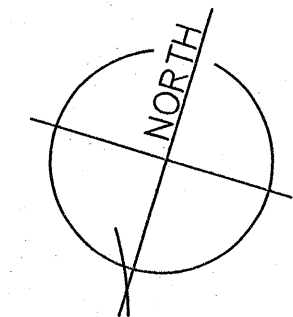
KEY NOTES FOR SHEET U1

- 1) PROVIDE CLEANOUT AT FINISH GRADE (COFG) ON EXISTING SEWER LINE TO REMAIN ACTIVE AT BUILDING EXTERIOR.
- 2) SEWER LINE TO BE ABANDONED. CAP LINE AT EXISTING SEWER MAIN TO PREVENT DEAD ENDS PER CODE. FIELD VERIFY LOCATION.
- 3) CONNECT NEW 3" WATER LINE (SCHEDULE 80 PVC) TO EXISTING POTABLE WATER MAIN AND PROVIDE VALVE IN VALVE BOX. INSTALL APPROX. 80 L.F. TO BUILDING. ALSO PROVIDE VALVE IN VALVE BOX JUST BEFORE POINT OF ENTRY TO BUILDING.
- 4) NEW WATER SHUT-OFF VALVE IN BOX. SEE DETAIL SHEET U-3.
- 5) EC TO PROVIDE ELECTRICAL SERVICE TO BUILDING. SEE SHEET E-3 FOR CONDUIT AND WIRE SIZES.
- 6) EC TO PROVIDE TELEPHONE SERVICE FOR BUILDING.
- 7) EXISTING ELECTRIC VEHICLE (EV) CHARGING STATION. EC TO RE-CIRCUIT TO EV CHARGING STATION. SEE E-2.
- 8) MAINTAIN AND EXTEND THE ELECTRICAL SERVICE LINE TO THE EXISTING VENDING BUILDING AS REQUIRED.

1 EBL SITE PLAN
1" = 20'-0"

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PROJECT:				1-40 REST AREA	
JOHNSTON COUNTY				NORTH CAROLINA	
ARCHITECT/ENGINEERS:					
FACILITIES DESIGN					
GENERAL SERVICES DIVISION, NCDOT					
1 SOUTH WILMINGTON STREET					
RALEIGH, NORTH CAROLINA 27601					
(919) 715-0400				FAX (919) 715-0399	
DRAWING TITLE: EASTBOUND					
DRAWN BY: DS		CHECKED BY: BEB		ISSUE DATE: 20 AUG 12	
SEAL:	TIP. PROJ. NO. K-5001	WBS. NO. 41533.3.1	COTRACT ID NO. -	FEDERAL- AID NO. IMS-040-5(49)325	
	NO.	REVISIONS/SUBMISSIONS	DATE	SHEET NO.	
				U1	
				1 OF 3	

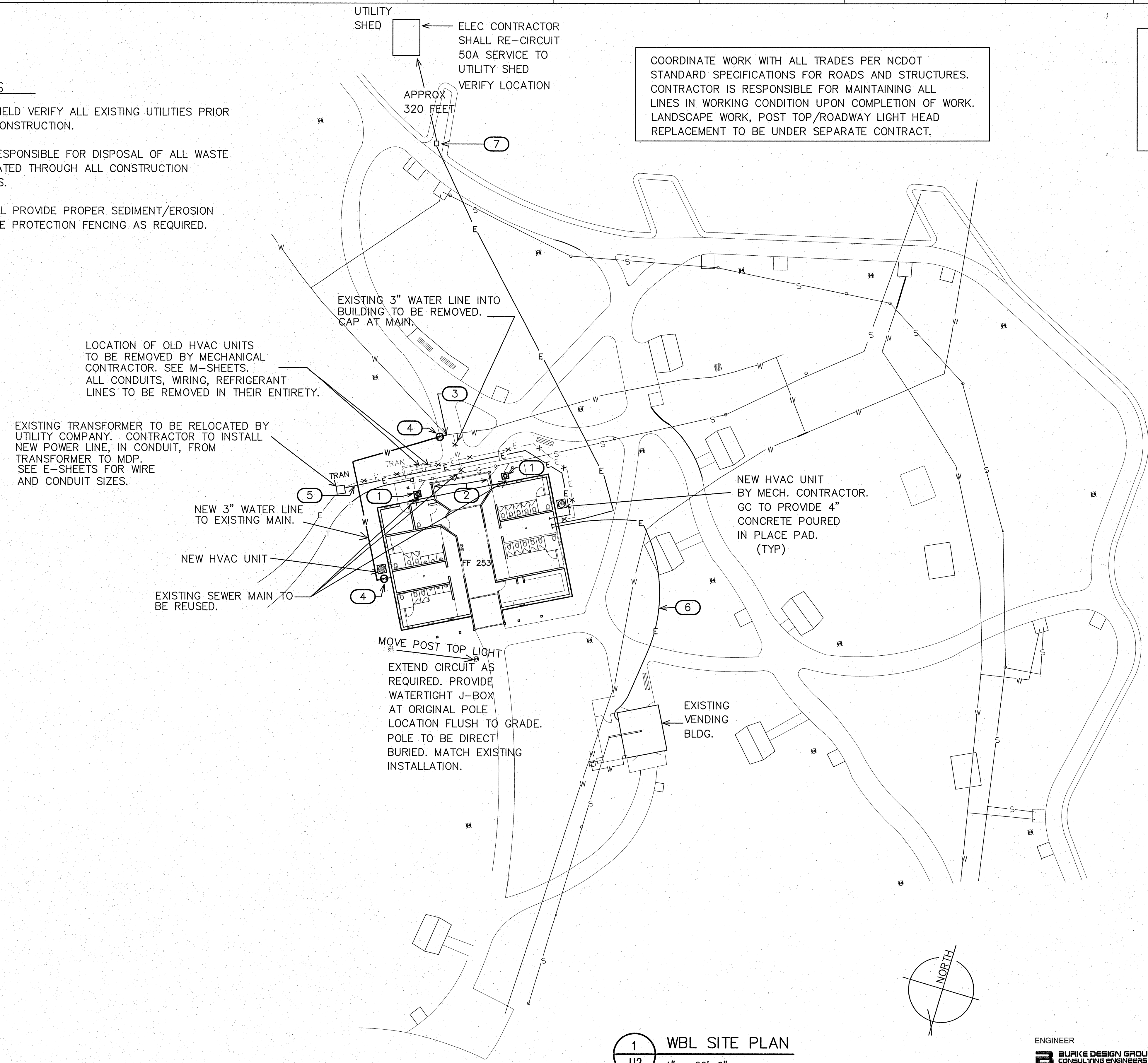


GENERAL NOTES

- 1) CONTRACTOR TO FIELD VERIFY ALL EXISTING UTILITIES PRIOR TO COMMENCING CONSTRUCTION.
- 2) CONTRACTOR IS RESPONSIBLE FOR DISPOSAL OF ALL WASTE MATERIALS GENERATED THROUGH ALL CONSTRUCTION RELATED ACTIVITIES.
- 3) CONTRACTOR SHALL PROVIDE PROPER SEDIMENT/EROSION CONTROL AND TREE PROTECTION FENCING AS REQUIRED.

COORDINATE WORK WITH ALL TRADES PER NCDOT STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL LINES IN WORKING CONDITION UPON COMPLETION OF WORK. LANDSCAPE WORK, POST TOP/ROADWAY LIGHT HEAD REPLACEMENT TO BE UNDER SEPARATE CONTRACT.

NOTE:
ALL SITE UTILITY WORK ON SHEETS U-1, U-2, AND U-3 WILL BE PAID FOR UNDER THEIR RESPECTIVE LUMP SUM PAY ITEMS FOR PLUMBING INSTALLATION REST AREA SERVICE BUILDING, HVAC INSTALLATION REST AREA SERVICE BUILDING, AND ELECTRICAL INSTALLATION REST AREA SERVICE BUILDING. NO SEPARATE LINE ITEMS ARE INCLUDED IN THIS PROJECT FOR SITE UTILITY WORK. COORDINATE WORK WITH ALL TRADES .



KEY NOTES FOR SHEET U2

- 1) PROVIDE CLEANOUT AT FINISH GRADE (COFG) ON EXISTING SEWER LINE TO REMAIN ACTIVE AT BUILDING EXTERIOR.
- 2) SEWER LINE TO BE ABANDONED. CAP LINE AT EXISTING SEWER MAIN TO PREVENT DEAD ENDS PER CODE. FIELD VERIFY LOCATION.
- 3) CONNECT NEW 3" WATER LINE (SCHEDULE 80 PVC) TO EXISTING POTABLE WATER MAIN AND PROVIDE VALVE IN VALVE BOX. INSTALL APPROX. 100 L.F. TO BUILDING. ALSO PROVIDE VALVE IN VALVE BOX BEFORE POINT OF ENTRY TO BUILDING.
- 4) NEW WATER SHUT-OFF VALVE IN BOX. SEE DETAIL SHEET U-3.
- 5) EC TO PROVIDE ELECTRICAL SERVICE TO BUILDING. SEE SHEET E-3 FOR CONDUIT AND WIRE SIZES.
- 6) MAINTAIN AND EXTEND THE ELECTRICAL SERVICE LINE TO THE EXISTING VENDING BUILDING AS REQUIRED.
- 7) EXISTING ELECTRIC VEHICLE (EV) CHARGING STATION. EC TO RECIRCUIT TO EV CHARGING STATION. SEE E-2.

LOCATION OF OLD HVAC UNITS TO BE REMOVED BY MECHANICAL CONTRACTOR. SEE M-SHEETS. ALL CONDUITS, WIRING, REFRIGERANT LINES TO BE REMOVED IN THEIR ENTIRETY.

EXISTING TRANSFORMER TO BE RELOCATED BY UTILITY COMPANY. CONTRACTOR TO INSTALL NEW POWER LINE, IN CONDUIT, FROM TRANSFORMER TO MDP. SEE E-SHEETS FOR WIRE AND CONDUIT SIZES.

NEW 3" WATER LINE TO EXISTING MAIN.

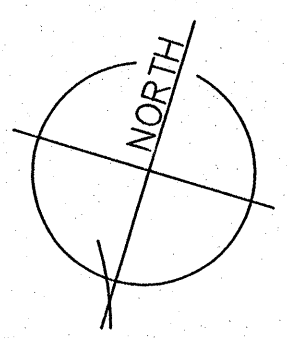
NEW HVAC UNIT

EXISTING SEWER MAIN TO BE REUSED.

MOVE POST TOP LIGHT
EXTEND CIRCUIT AS REQUIRED. PROVIDE WATERTIGHT J-BOX AT ORIGINAL POLE LOCATION FLUSH TO GRADE. POLE TO BE DIRECT BURIED. MATCH EXISTING INSTALLATION.

NEW HVAC UNIT BY MECH. CONTRACTOR. GC TO PROVIDE 4" CONCRETE POURED IN PLACE PAD. (TYP)

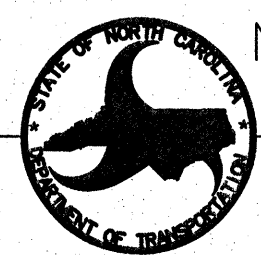
EXISTING VENDING BLDG.



1 WBL SITE PLAN
1" = 20'-0"

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PROJECT:
1-40 REST AREA
JOHNSTON COUNTY NORTH CAROLINA



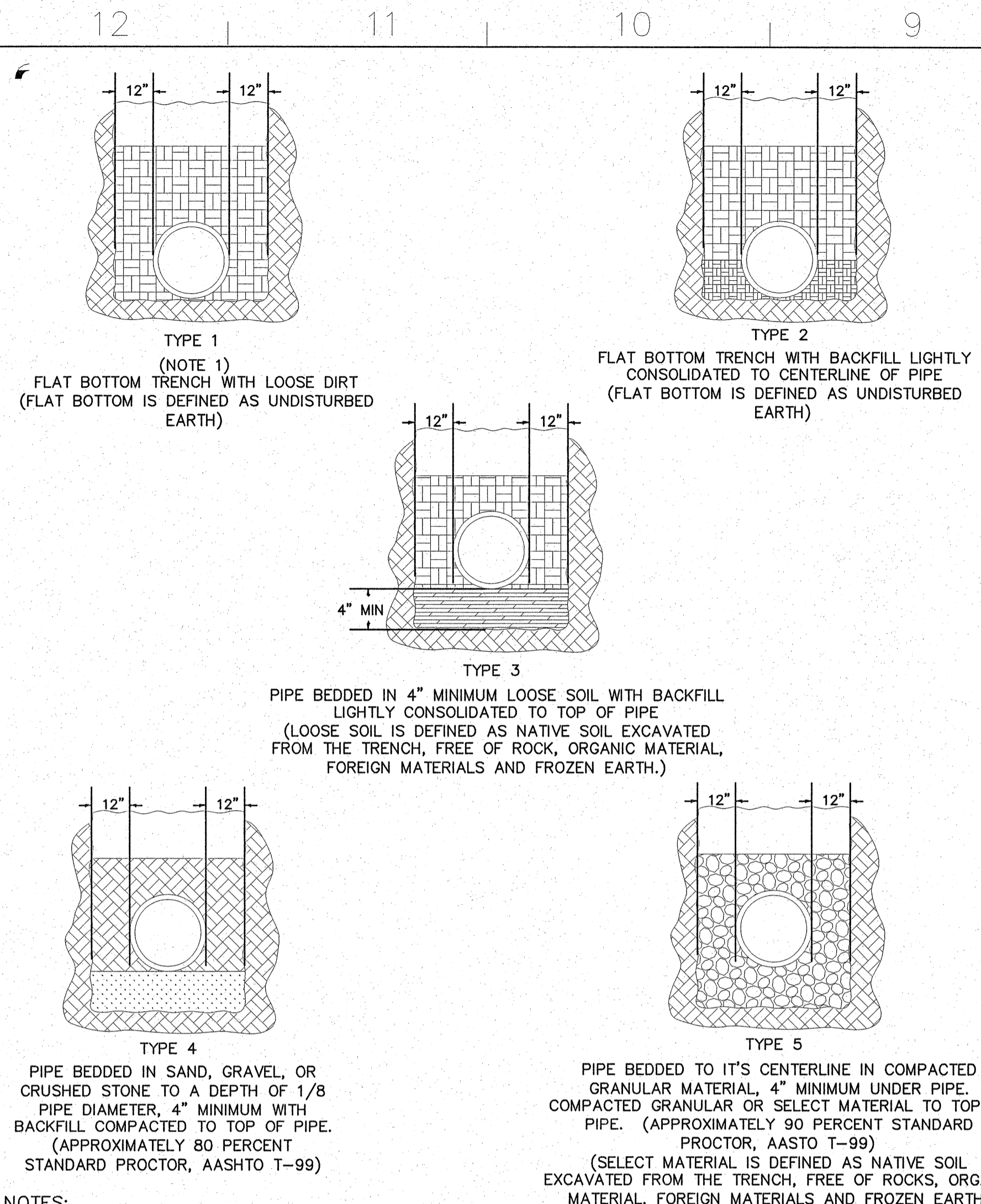
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DRAWING TITLE: **WESTBOUND**

DRAWN BY: DS CHECKED BY: BEB ISSUE DATE: 20 AUG 12

SEAL:	TIP. PROJ. NO. K-5001	WBS. NO. 41533.3.1	CONTRACT ID NO. -	FEDERAL- AID NO. IMS-040-5(49)325
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NO.	REVISIONS/SUBMISSIONS	DATE	SHEET NO.
			U2
			2 OF 3



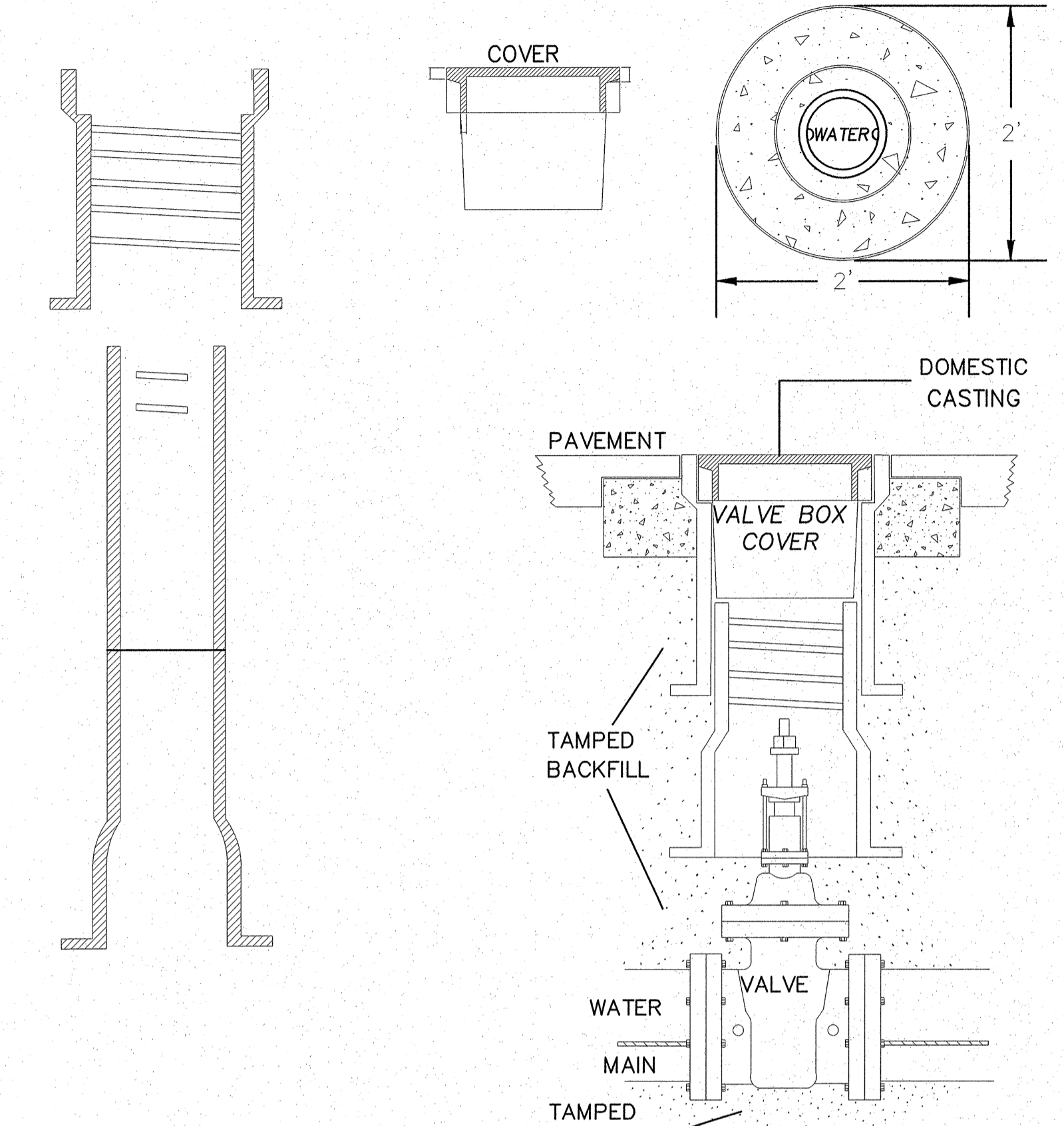
NOTES:

- FOR NORMAL PIPE SIZES 14 INCH AND LARGER, CONSIDERATION SHOULD BE GIVEN TO THE USE OF LAYING CONDITIONS OTHER THAN TYPE 1.
- CONSIDERATION OF THE PIPE-ZONE EMBEDMENT CONDITIONS INCLUDED IN THIS FIGURE MAY BE INFLUENCE BY FACTORS OTHER THAN PIPE STRENGTH. FOR ADDITIONAL INFORMATION ON PIPE BEDDING AND BACKFILL, SEE ANSI/AWWA C600.

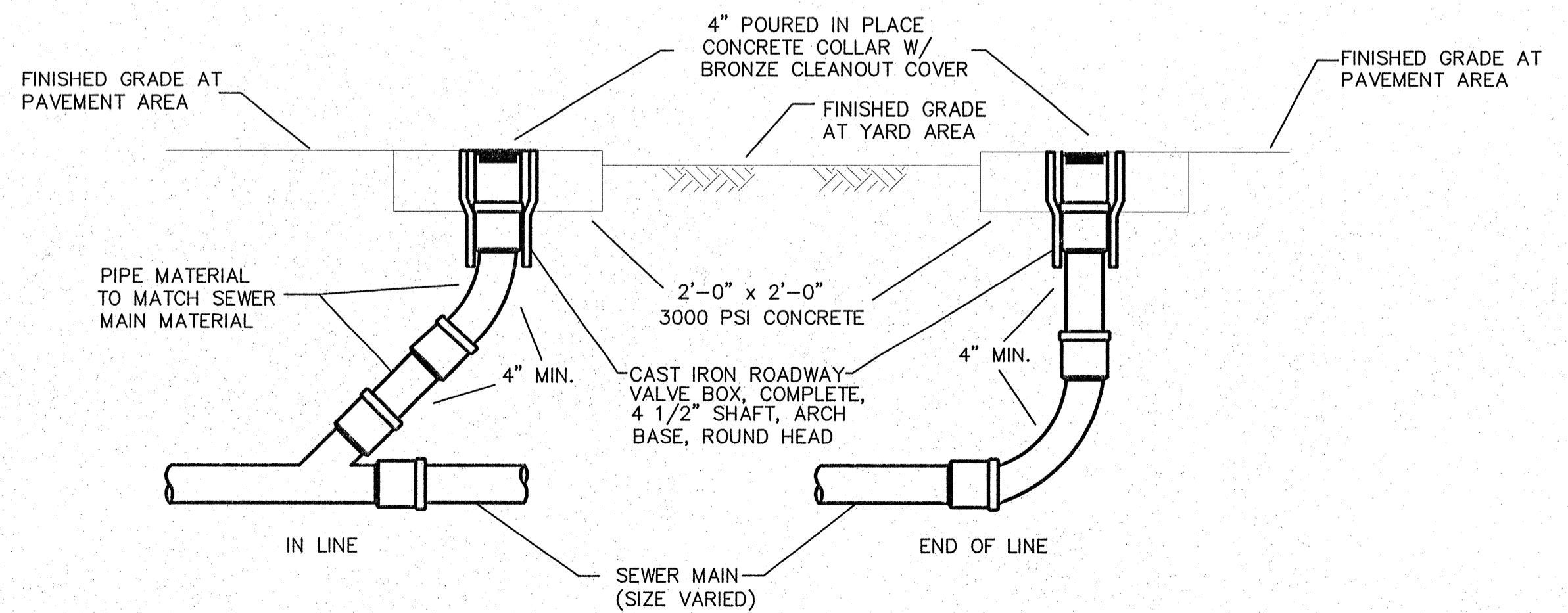
UTILITY SEPARATION NOTES

- LATERAL SEPARATION OF SEWERS OR WATER MAINS. WATER MAINS SHALL BE LAID AT LEAST TEN (10) FEET LATERALLY FROM EXISTING OR PROPOSED SEWERS, UNLESS LOCAL CONDITIONS OR BARRIERS PREVENT A TEN (10) FOOT LATERAL SEPARATION--IN WHICH CASE:
 - THE WATER MAIN IS LAID IN A SEPARATE TRENCH, WITH THE ELEVATION ON THE BOTTOM OF THE WATER MAIN AT LEAST EIGHTEEN (18) INCHES ABOVE THE TOP OF SEWER; OR
 - THE WATER MAIN IS LAID IN THE SAME TRENCH AS THE SEWER WITH THE WATER MAIN LOCATED AT ONE SIDE ON A BENCH OF UNDISTURBED EARTH, AND WITH THE ELEVATION OF THE BOTTOM OF THE WATER MAIN AT LEAST EIGHTEEN (18) INCHES ABOVE THE TOP OF SEWER.
- CROSSING A WATER MAIN OVER A SEWER. WHENEVER NECESSARY FOR A WATER MAIN TO CROSS OVER A SEWER, THE WATER MAIN SHALL BE LAID AT SUCH AN ELEVATION THAT THE BOTTOM OF THE WATER MAIN IS AT LEAST EIGHTEEN (18) INCHES ABOVE THE TOP OF THE SEWER, UNLESS LOCAL CONDITIONS OR BARRIERS PREVENT AN EIGHTEEN (18) INCH SEPARATION--IN WHICH CASE, BOTH THE WATER MAIN AND SEWER SHALL BE CONSTRUCTED OF FERROUS MATERIALS AND WITH JOINTS THAT ARE EQUIVALENT TO WATER MAIN STANDARDS FOR A DISTANCE OF TEN (10) FEET ON EACH SIDE OF THE CROSSING.
- CROSSING A WATER MAIN UNDER A SEWER. WHENEVER IT IS NECESSARY FOR A WATER MAIN TO CROSS UNDER A SEWER, BOTH THE WATER MAIN AND THE SEWER SHALL BE CONSTRUCTED OF FERROUS MATERIALS AND WITH JOINTS EQUIVALENT TO WATER MAIN STANDARDS FOR A DISTANCE OF THE (10) FEET ON EACH SIDE OF THE POINT(S) OF CROSSING. A SECTION OF WATER MAIN PIPE SHALL BE CENTERED AT THE POINT OF CROSSING.
- SEWER AND STORMWATER PIPES TO HAVE A MINIMUM OF 24" SEPARATION FROM BOTTOM OF STORMWATER PIPE AND TOP OF SEWER PIPE.

APPROVED METHOD FOR EXTENSION OF VALVE BOX



1 WATER MAIN EMBEDMENT DETAIL
U3 SCALE: NOT TO SCALE



3 GRAVITY SEWER CLEANOUT
U3 SCALE: NOT TO SCALE

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2 VALVE BOX INSTALLATION DETAIL
U3 SCALE: NOT TO SCALE

PROJECT:
1-40 REST AREA
JOHNSTON COUNTY NORTH CAROLINA

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DRAWING TITLE: **SITE UTILITY DETAILS**

DRAWN BY: DS CHECKED BY: BEB ISSUE DATE: 20 AUG 12

SEAL:	TIP. PROJ. NO. K-5001	WBS. NO. 41533.3.1	CONTRACT ID NO. -	FEDERAL- AID NO. IMS-040-5(49)325
NO.	REVISIONS/SUBMISSIONS	DATE	SHEET NO. U3 3 OF 3	

8/21/12

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