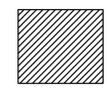


ROOF FRAMING BUILDING 205

SCALE: 1"=20'
 20 0 20 20
 SCALE IN FEET

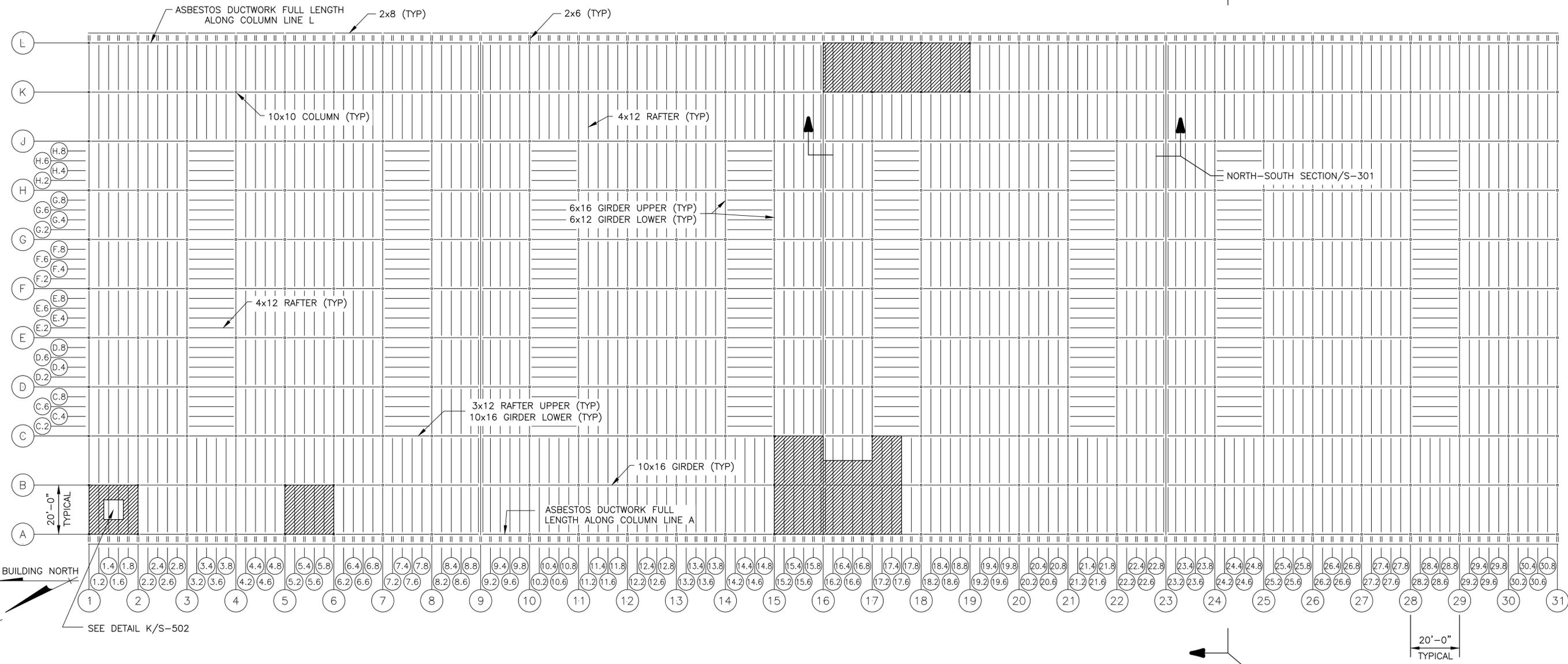
- STRUCTURAL NOTES:**
1. ALL LUMBER SHALL BE SOUTHERN PINE (NO.1), DOUGLAS FIR-LARCH (SELECT STRUCTURAL), OR EASTERN HEMLOCK-TAMARACK (SELECT STRUCTURAL).
 2. HOLES IN WOOD FOR BOLTS TO BE 1/16" DIAMETER LARGER THAN DIA. OF BOLTS.
 3. ALL LAG SCREWS TO HAVE PREDRILLED HOLES.
 4. CONTRACTOR IS RESPONSIBLE FOR TEMPORARY REMOVAL/SUPPORT OF EXISTING UTILITIES DURING REPAIR/REPLACEMENT OF STRUCTURAL MEMBERS. UTILITIES TO BE REINSTALLED/RELOCATED TO ORIGINAL LOCATIONS AFTER REPAIR IS COMPLETED. SEE S-601 FOR ADDITIONAL INFORMATION.
 5. ASBESTOS HAS BEEN ENCOUNTERED IN THIS BUILDING. IF ASBESTOS IS ENCOUNTERED DURING DEMOLITION, REPAIR OR RECONSTRUCTION ON THIS PROJECT, REFER TO SPECIFICATIONS FOR MORE INFORMATION. SEE S-601 FOR ADDITIONAL INFORMATION.
 6. REFER TO S-601 FOR REPAIR SCHEDULE.
 7. REFER TO S-501 AND S-502 FOR REPAIR DETAILS.

 INACCESSIBLE AREAS WHICH COULD NOT BE INSPECTED

FOR OFFICIAL USE ONLY

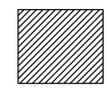
APPROVED:	DATE:	PWO, DWG. NO. PWD-10,748
DESIGNED:	T.T.E.	
OFFICER IN CHARGE:	DRAWN:	R.G.S., CHKD V.C.
REVIEWED BY:	DATE:	
ENVIRON.:	HD ARCH.:	
FIRE DEPT.:	HD STRU.:	
	HD CIVIL:	
	HD ELEC.:	
	HD MECH.:	
SAFETY SATISFACTORY TO:	SATISFACTORY TO:	
TENANT:	DIRECTOR OF DESIGN:	DATE:

DATE	APPR.
DESCRIPTION	SYM.
 	
SUBMITTED BY:	VLADIMIR CECKA
FIRM NUMBER:	DATE 6/8/12
APPROVED:	
ACTIVITY - SATISFACTORY TO:	DATE
APPROVED:	
FOR COMMANDER NAVFAC:	DATE
DES:	DR
CHK:	QC
DESIGNER:	
REVIEWED BY:	
QC:	
AIC/EC:	
FIRE PROTECTION:	NA
BRANCH MANAGER:	
DESIGN DIRECTOR:	
DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND NAVAL SUPPORT ACTIVITY - MECHANICSBURG, PA	STRUCTURAL REPAIRS GROUP 1
STRUCTURAL ROOF FRAMING BUILDING 205	
NAVAC DRAWING NO. 12,611,462	SHEET 2 OF 28
S-101	



ROOF FRAMING BUILDING 406

SCALE: 1"=20'
 20 0 20 20
 SCALE IN FEET

 INACCESSIBLE AREAS WHICH COULD NOT BE INSPECTED

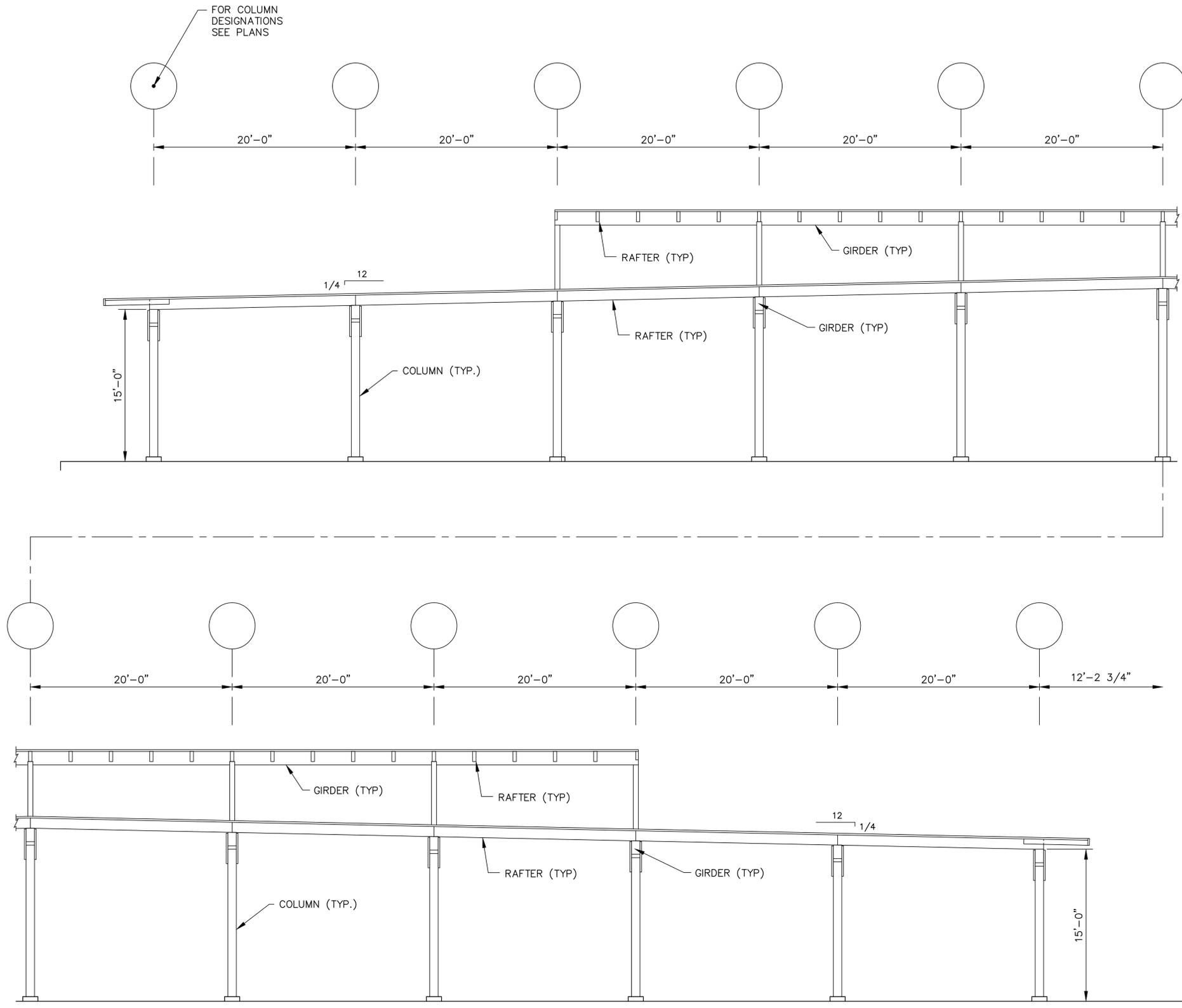
STRUCTURAL NOTES:

1. ALL LUMBER SHALL BE SOUTHERN PINE (NO.1), DOUGLAS FIR-LARCH (SELECT STRUCTURAL), OR EASTERN HEMLOCK-TAMARACK (SELECT STRUCTURAL).
2. HOLES IN WOOD FOR BOLTS TO BE 1/16" DIAMETER LARGER THAN DIA. OF BOLTS.
3. ALL LAG SCREWS TO HAVE PREDRILLED HOLES.
4. CONTRACTOR IS RESPONSIBLE FOR TEMPORARY REMOVAL/SUPPORT OF EXISTING UTILITIES DURING REPAIR/REPLACEMENT OF STRUCTURAL MEMBERS. UTILITIES TO BE REINSTALLED/RELOCATED TO ORIGINAL LOCATIONS AFTER REPAIR IS COMPLETED. SEE S-601 FOR ADDITIONAL INFORMATION.
5. ASBESTOS HAS BEEN ENCOUNTERED IN THIS BUILDING. IF ASBESTOS IS ENCOUNTERED DURING DEMOLITION, REPAIR OR RECONSTRUCTION ON THIS PROJECT, REFER TO SPECIFICATIONS FOR MORE INFORMATION. SEE S-601 FOR ADDITIONAL INFORMATION.
6. REFER TO S-601 FOR REPAIR SCHEDULE.
7. REFER TO S-501 AND S-502 FOR REPAIR DETAILS.

FOR OFFICIAL USE ONLY

APPROVED:	DATE:	PWO, DWG. NO. PWD-10,750
DESIGNED:	T.T.E.	
OFFICER IN CHARGE:	DRAWN:	R.G.S., CHKD V.C.
REVIEWED BY:	DATE:	
ENVIRON.:	HD ARCH.:	
FIRE DEPT.:	HD STRU.:	
SAFETY SATISFACTORY TO:	HD CIVIL:	
TENANT:	HD ELEC.:	
	HD MECH.:	
	SATISFACTORY TO:	
	DIRECTOR OF DESIGN:	DATE:

<p>DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND NAVAL SUPPORT ACTIVITY - MECHANICSBURG, PA</p> <p>STRUCTURAL REPAIRS GROUP 1</p> <p>STRUCTURAL ROOF FRAMING BUILDING 406</p>	<p>APPROVED: _____ DATE: _____</p> <p>DESIGNED: T.T.E.</p> <p>OFFICER IN CHARGE: _____</p> <p>DRAWN: R.G.S., CHKD V.C.</p> <p>REVIEWED BY: _____ DATE: _____</p> <p>ENVIRON.:</p> <p>HD ARCH.:</p> <p>HD STRU.:</p> <p>HD CIVIL:</p> <p>HD ELEC.:</p> <p>HD MECH.:</p> <p>SATISFACTORY TO:</p> <p>DIRECTOR OF DESIGN: _____ DATE: _____</p>
<p>NAVAFAC</p>	
<p>COMMONWEALTH OF PENNSYLVANIA REGISTERED PROFESSIONAL ENGINEER VLADIMIR CECKA ENGINEER NO. 045454-E</p>	
<p>SUBMITTED BY: VLADIMIR CECKA</p> <p>FRM NUMBER: _____ DATE: 6/8/12</p> <p>APPROVED: _____</p> <p>ACTIVITY - SATISFACTORY TO: _____ DATE: _____</p> <p>FOR COMMANDER NAVAFAC: _____ DATE: _____</p> <p>DES: _____ DR: _____</p> <p>CHK: _____ QC: _____</p> <p>DESIGNER: _____</p> <p>REVIEWED BY: _____</p> <p>QC: _____</p> <p>AIC/EC: _____</p> <p>FIRE PROTECTION: NA</p> <p>BRANCH MANAGER: _____</p> <p>DESIGN DIRECTOR: _____</p>	
<p>SCALE: AS SHOWN</p> <p>PWD DWG. NO. 10,750</p> <p>JOB ORDER NO. _____</p> <p>SPEC. NO. _____</p> <p>CONSTR. CONTR. NO. _____</p> <p>NAVAFAC DRAWING NO. 12,611,464</p> <p>SHEET 4 OF 26</p> <p>S-103</p>	



NOTE:
FOR SIZES AND SPACING OF RAFTERS, GIRDERS, AND
COLUMNS IN EACH BUILDING, SEE ROOF FRAMING PLAN SHEETS.

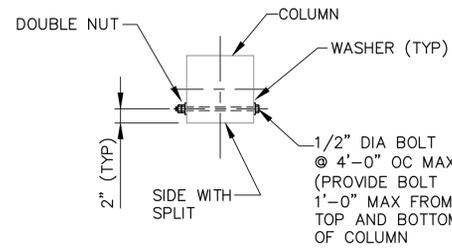
TYPICAL EAST-WEST SECTION

SCALE: 3/16"=1'-0"
SCALE IN FEET

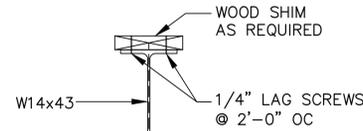
FOR OFFICIAL USE ONLY

APPROVED:	DATE:	PWO, DWG. NO. PWD-10,752
DESIGNED:	T.T.E.	
OFFICER IN CHARGE	DRAWN:	R.G.S., CHKD V.C.
REVIEWED BY:	DATE:	
ENVIRON.:	HD ARCH.:	
	HD STRU.:	
	HD CIVIL:	
	HD ELEC.:	
	HD MECH.:	
SAFETY	SATISFACTORY TO:	
TENANT	DIRECTOR OF DESIGN	DATE:

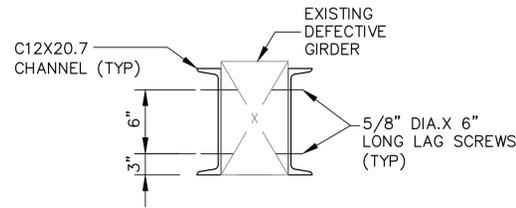
DATE	APPR.
DESCRIPTION	SYM.
SUBMITTED BY	VLADIMIR CECKA
FIRM NUMBER	DATE 6/8/12
APPROVED	
ACTIVITY - SATISFACTORY TO	DATE
APPROVED	
FOR COMMANDER NAVFAC	DATE
DES	DR
CHK	QC
DESIGNER	
REVIEWED BY	
QC	
AIC/EC	
FIRE PROTECTION	NA
BRANCH MANAGER	
DESIGN DIRECTOR	
DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND NAVAL FACILITIES ENGINEERING COMMAND - MID-ATLANTIC NAVAL SUPPORT ACTIVITY - MECHANICSBURG, PA	
STRUCTURAL REPAIRS GROUP 1	
TYPICAL EAST/WEST SECTION BUILDINGS 205, 206 & 406	
CODE ID. NO.	SIZE D
SCALE:	AS SHOWN
PWO DWG. NO.	10,752
JOB ORDER NO.	
SPEC. NO.	
CONSTR. CONTR. NO.	
NAVFAC DRAWING NO.	
12,611,466	
SHEET	6 OF 26
S-302	



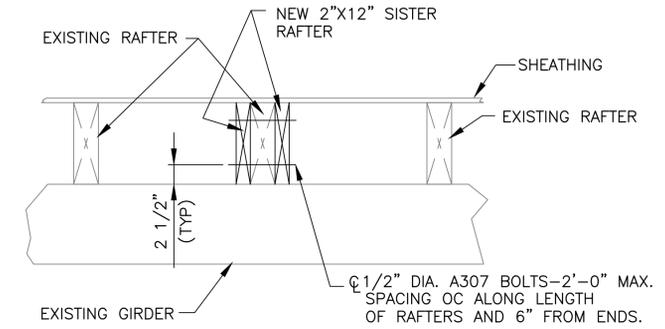
DETAIL A
NO SCALE



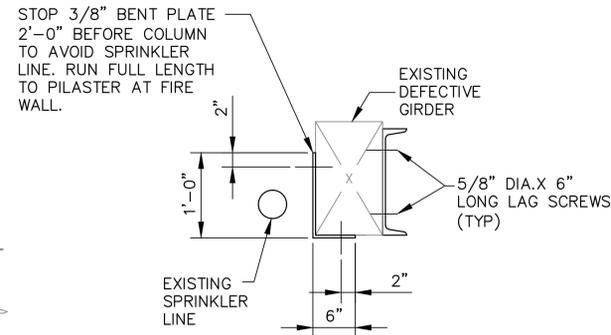
DETAIL B
NO SCALE



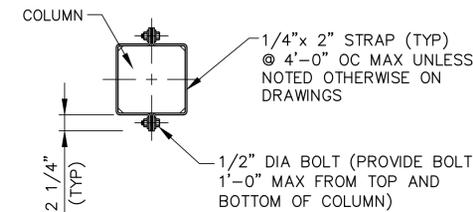
DETAIL C
NO SCALE



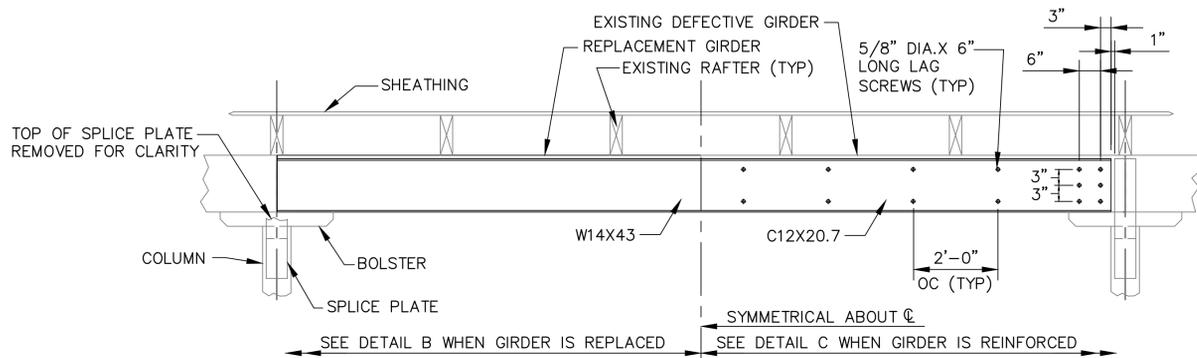
DETAIL D
NO SCALE



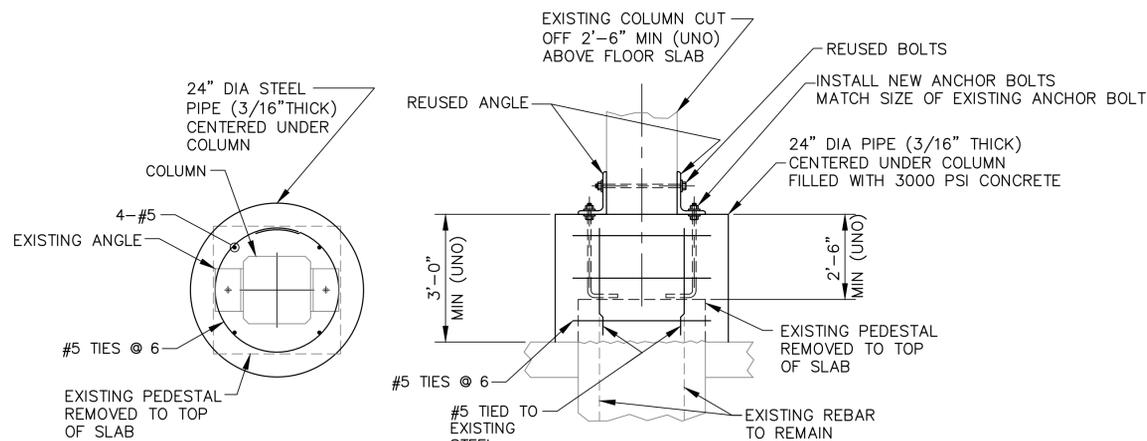
DETAIL C.1
NO SCALE



DETAIL E
NO SCALE



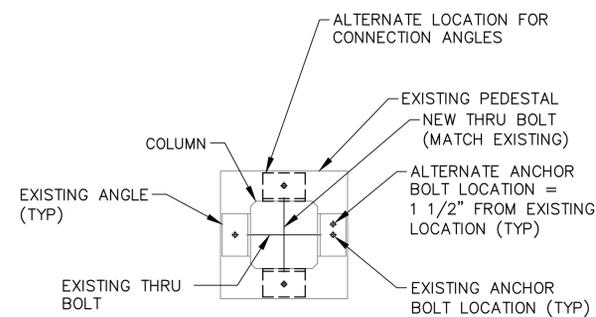
GIRDER ELEVATION
NO SCALE



PLAN

ELEVATION

DETAIL F
NO SCALE



DETAIL G
NO SCALE

- NOTE:
1. WHEN NEW ANCHOR BOLT/BOLTS CAN NOT BE PLACED AT EXISTING BOLT LOCATION ALTERNATE ANCHOR BOLT LOCATION MAY BE USED.
 2. IN SOME CASES TWO ANCHORS MAY NEED TO BE ADDED.
 3. ALL NEW ANCHORS SHALL BE ADHESIVE ANCHORS.
 4. AT LOCATIONS WHERE ANCHORS CANNOT BE INSTALLED EXISTING CONNECTION ANGLES CAN BE REMOVED AND RELOCATED AT ALTERNATE LOCATION AS SHOWN ON PLAN.
 5. IF EXISTING ANGLE IS DAMAGED, REPLACE WITH NEW ANGLE IN KIND.

FOR OFFICIAL USE ONLY

APPROVED:	DATE:	PWO, DWG. NO. PWD-10,753
DESIGNED:	T.T.E.	CODE ID. NO.
REVIEWED BY:	DATE:	R.G.S., CHKD V.C.
ENVIRON.:	HD ARCH.	SCALE: AS SHOWN
FIRE DEPT.:	HD STRU.	PWD DWG. NO. 10,753
SAFETY SATISFACTORY TO:	HD CIVIL	JOB ORDER NO.
TENANT:	HD ELEC.	SPEC. NO.
	HD MECH.	CONSTR. CONTR. NO.
	SATISFACTORY TO:	NAVFAC DRAWING NO.
	DIRECTOR OF DESIGN	12,611,467
	DATE:	SHEET 7 OF 28
		S-501

APPROVED: _____ DATE: _____

DESCRIPTION: _____

SYMBOL: _____

SEAL

SUBMITTED BY: VLADIMIR CECKA

FORM NUMBER: _____ DATE: 6/8/12

APPROVED: _____

ACTIVITY - SATISFACTORY TO DATE: _____

APPROVED: _____

FOR COMMANDER NAVFAC: _____ DATE: _____

DES: _____ DR: _____

CHK: _____ QC: _____

DESIGNER: _____

REVIEWED BY: _____

QC: _____

AIC/EC: _____

FIRE PROTECTION: NA

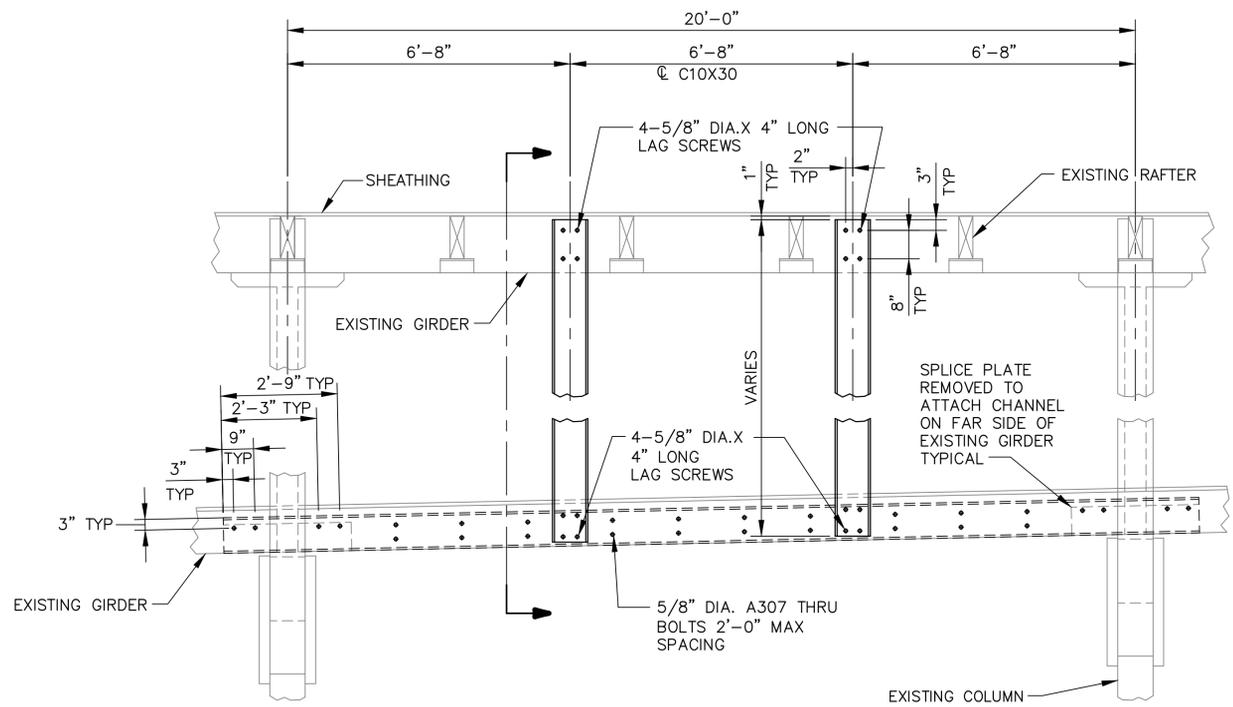
BRANCH MANAGER: _____

DESIGN DIRECTOR: _____

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
NAVAL FACILITIES ENGINEERING COMMAND - MID-ATLANTIC
NAVAL SUPPORT ACTIVITY - MECHANICSBURG, PA

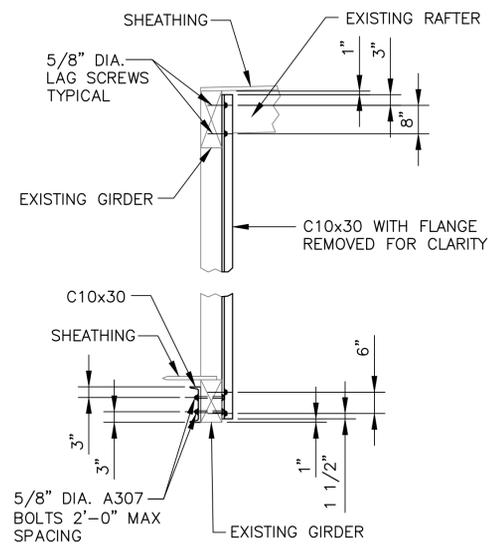
STRUCTURAL REPAIRS
GROUP 1

REPAIR DETAILS BUILDINGS 205, 206 AND 406

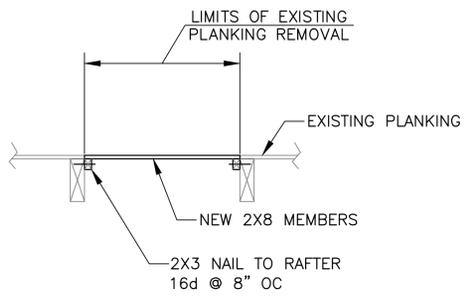


ELEVATION

DETAIL H
NO SCALE



SECTION



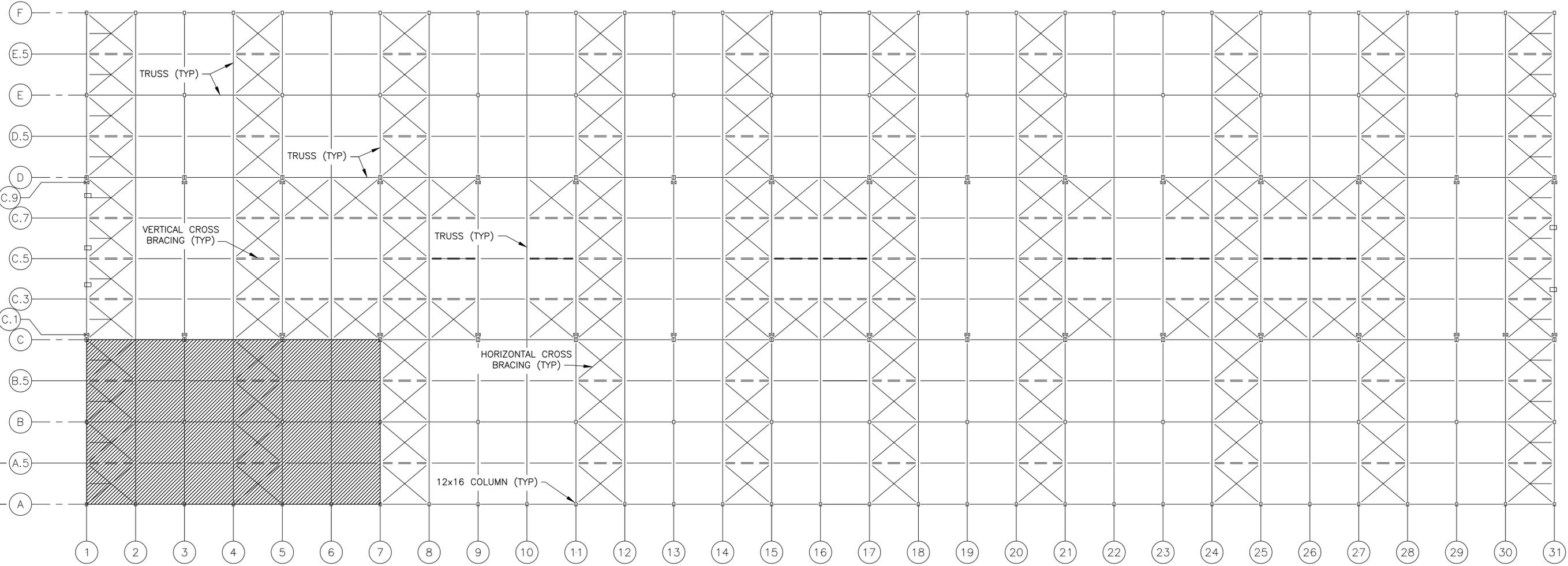
DETAIL K
NO SCALE

FOR OFFICIAL USE ONLY

APPROVED:	DATE:	PWO, DWG. NO. PWD-10,754
DESIGNED:	T.T.E.	
OFFICER IN CHARGE:	DRAWN:	R.G.S., CHKD V.C.
REVIEWED BY:	DATE:	
ENVIRON.:	HD ARCH.:	
FIRE DEPT.:	HD STRU.:	
	HD CIVIL:	
	HD ELEC.:	
	HD MECH.:	
SAFETY SATISFACTORY TO:	SATISFACTORY TO:	
TENANT:	DIRECTOR OF DESIGN:	DATE:

DATE	APPR.
DESCRIPTION	SYM.
SUBMITTED BY: VLADIMIR CECKA	
FRM NUMBER	DATE: 6/8/12
APPROVED:	
ACTIVITY - SATISFACTORY TO DATE:	
APPROVED:	
FOR COMMANDER NAVFAC DATE:	
DES	DR
CHK	QC
DESIGNER:	
REVIEWED BY:	
QC:	
A/C/E/C:	
FIRE PROTECTION NA	
BRANCH MANAGER:	
DESIGN DIRECTOR:	
DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND NAVAL FACILITIES ENGINEERING COMMAND - MID-ATLANTIC NAVAL SUPPORT ACTIVITY - MECHANICSBURG, PA	
STRUCTURAL REPAIRS GROUP 1	
REPAIR DETAILS BUILDINGS 205, 206 AND 406	
CODE ID. NO.	SIZE D
SCALE:	AS SHOWN
PWO DWG. NO.	10,754
JOB ORDER NO.	
SPEC. NO.	
CONSTR. CONTR. NO.	
NAVFAC DRAWING NO.	12,611,468
SHEET	8 OF 28
S-502	

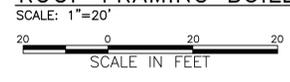
BUILDING NORTH



16'-9"
TYPICAL

20'-0"
TYPICAL

ROOF FRAMING BUILDING 505



INACCESSIBLE AREAS WHICH COULD NOT BE INSPECTED

EAST-WEST SECTION AT ODD TRUSS LINES/S-402

EAST-WEST SECTION AT EVEN TRUSS LINES/S-403

STRUCTURAL NOTES:

1. ALL LUMBER SHALL BE SOUTHERN PINE (NO.1), DOUGLAS FIR-LARCH (SELECT STRUCTURAL), OR EASTERN HEMLOCK-TAMARACK (SELECT STRUCTURAL).
2. HOLES IN WOOD FOR BOLTS TO BE 1/16" DIAMETER LARGER THAN DIA. OF BOLTS.
3. ALL LAG SCREWS TO HAVE PREDRILLED HOLES.
4. ALL MEMBERS MARKED "REPLACE" MUST BE REPLACED WITH SAME SIZE AND LENGTH MEMBER AS ORIGINAL. PROVIDE TEMPORARY SUPPORT AS REQUIRED TO ALLOW FOR MEMBER REPLACEMENT. INSTALL ALL BOLTS, NAILS, BRACES, AND PLATES TO MATCH ORIGINAL INSTALLATION.
5. CONTRACTOR IS RESPONSIBLE FOR TEMPORARY REMOVAL/SUPPORT OF EXISTING UTILITIES DURING REPAIR/REPLACEMENT OF STRUCTURAL MEMBERS. UTILITIES TO BE REINSTALLED/RELOCATED TO ORIGINAL LOCATIONS AFTER REPAIR IS COMPLETED. SEE S-601 FOR ADDITIONAL INFORMATION.
6. ASBESTOS HAS BEEN ENCOUNTERED IN THIS BUILDING. IF ASBESTOS IS ENCOUNTERED DURING DEMOLITION, REPAIR OR RECONSTRUCTION ON THIS PROJECT, REFER TO SPECIFICATIONS FOR MORE INFORMATION. SEE S-601 FOR ADDITIONAL INFORMATION.
7. REFER TO S-602 FOR REPAIR SCHEDULE.
8. REFER TO S-503 FOR REPAIR DETAILS.
9. PROVIDE TEMPORARY SUPPORT FOR TRUSSES AS NEEDED DURING MEMBER REPLACEMENT IN KIND.

FOR OFFICIAL USE ONLY

APPROVED:	DATE:	PWO, DWG. NO. PWD-10,757
DESIGNED:	T.T.E.	
OFFICER IN CHARGE	DRAWN:	R.G.S., CHKD V.C.
REVIEWED BY:	DATE:	
ENVIRON.:	HD ARCH.:	
FIRE DEPT.:	HD STRU.:	
	HD CIVIL:	
	HD ELEC.:	
	HD MECH.:	
SAFETY	SATISFACTORY TO:	
TENANT	DIRECTOR OF DESIGN	DATE:

<p>DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND NAVAL SUPPORT ACTIVITY - MECHANICSBURG, PA</p> <p>STRUCTURAL REPAIRS GROUP 2</p> <p>STRUCTURAL ROOF FRAMING BUILDING 505</p>	<p>APPROVED: _____</p> <p>DATE: _____</p> <p>DESIGNED: T.T.E.</p> <p>DRAWN: R.G.S., CHKD V.C.</p> <p>HD ARCH.:</p> <p>HD STRU.:</p> <p>HD CIVIL:</p> <p>HD ELEC.:</p> <p>HD MECH.:</p> <p>SAFETY SATISFACTORY TO:</p> <p>TENANT: _____</p> <p>DIRECTOR OF DESIGN: _____</p> <p>DATE: _____</p>
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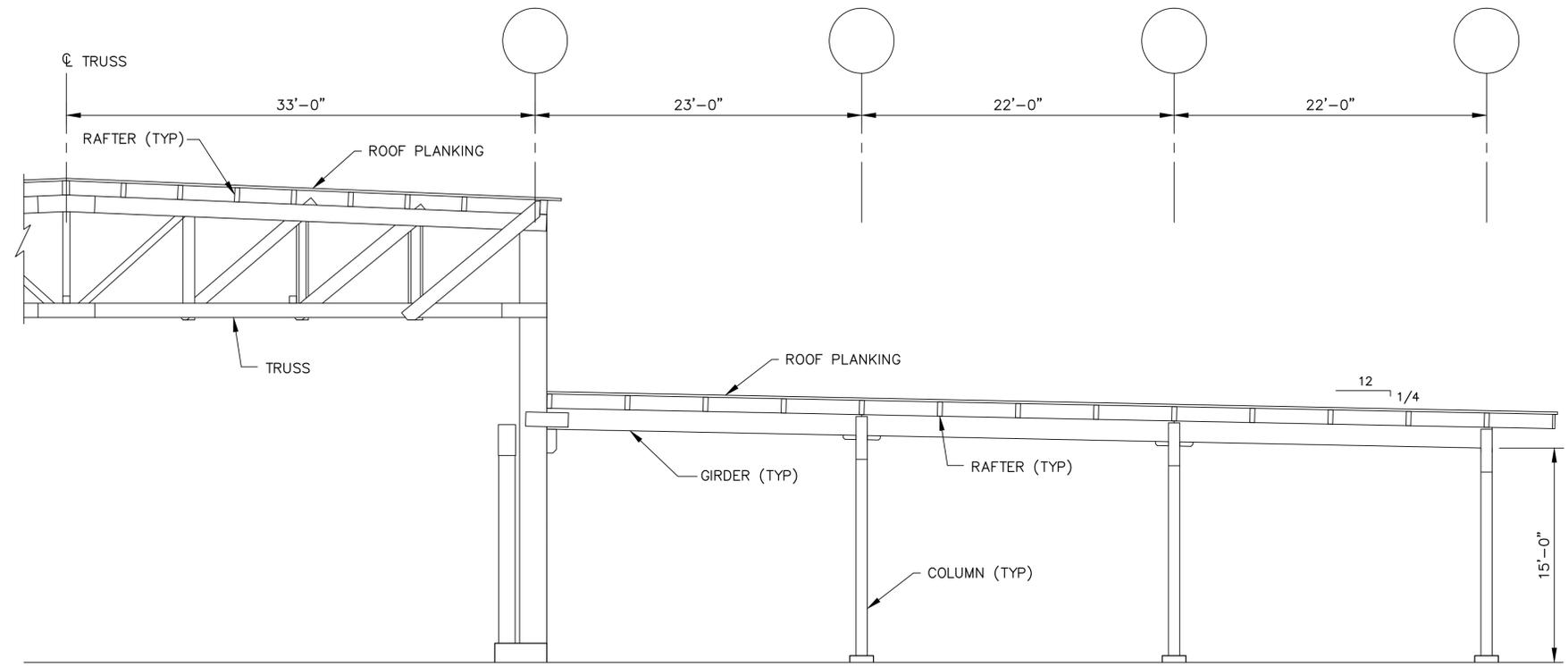
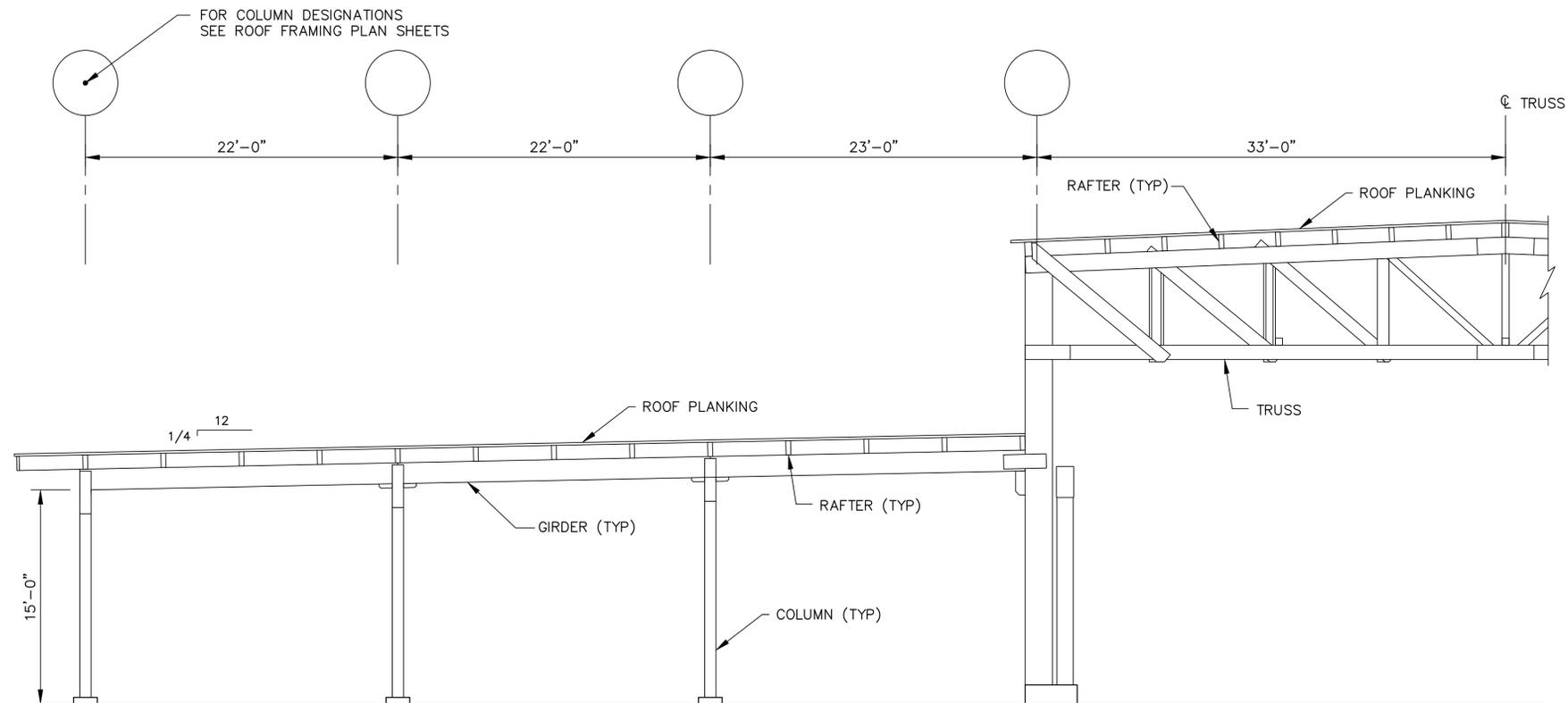
NAVAC

COMMONWEALTH OF PENNSYLVANIA
REGISTERED PROFESSIONAL ENGINEER
VLADIMIR CECKA
NO. 045454-E

FOR COMMANDER NAVAC	DATE:
DES	DR
CHK	QC
DESIGNER	
REVIEWED BY:	
QC	
A/C/E/C	
FIRE PROTECTION	NA
BRANCH MANAGER	
DESIGN DIRECTOR	

APPROVED BY:	DATE:
FRM MEMBER	DATE: 6/8/12
ACTIVITY - SATISFACTORY TO:	DATE:
APPROVED:	

CODE ID. NO.	SIZE D
SCALE:	AS SHOWN
PWO DWG. NO.	10,757
JOB ORDER NO.	
SPEC. NO.	
CONSTR. CONTR. NO.	
NAVAC DRAWING NO.	12,611,471
SHEET	11 OF 28
S-105	



TYPICAL EAST-WEST SECTION
BUILDING 404

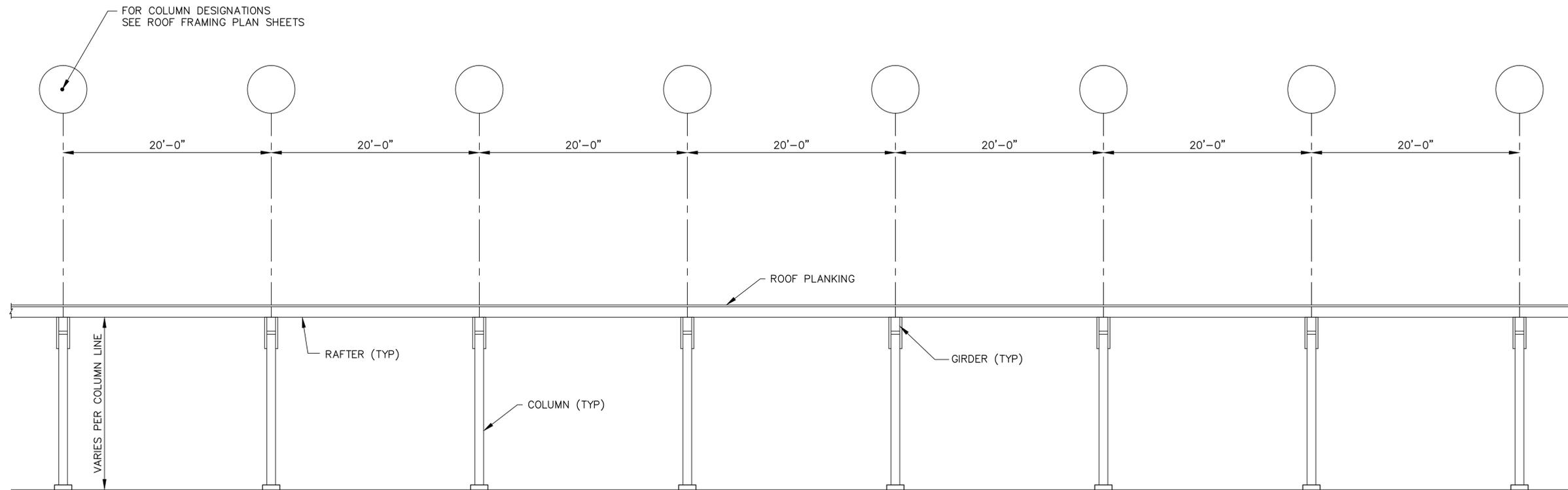
SCALE: 3/16"=1'-0"
SCALE IN FEET

NOTE:
FOR SIZES AND SPACING OF RAFTERS, GIRDERS, AND COLUMNS
IN EACH BUILDING, SEE ROOF FRAMING PLAN SHEETS.

FOR OFFICIAL USE ONLY

APPROVED:	DATE:	PWO, DWG. NO. PWD-10,758
DESIGNED:	T.T.E.	
OFFICER IN CHARGE	DRAWN:	R.G.S., CHKD V.C.
REVIEWED BY:	DATE:	
ENVIRON.:	HD ARCH.:	
FIRE DEPT.:	HD STRU.:	
	HD CIVIL:	
	HD ELEC.:	
	HD MECH.:	
SAFETY	SATISFACTORY TO:	
TENANT	DIRECTOR OF DESIGN	DATE:

DATE	APPR.
DESCRIPTION	SYM.
SUBMITTED BY	VLADIMIR CECKA
FIRM NUMBER	DATE 6/8/12
APPROVED	
ACTIVITY - SATISFACTORY TO DATE	
APPROVED	
FOR COMMANDER NAVFAC	DATE
DES	DR
CHK	QC
DESIGNER	
REVIEWED BY	
QC	
AIC/EC	
FIRE PROTECTION	NA
BRANCH MANAGER	
DESIGN DIRECTOR	
DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND NAVAL FACILITIES ENGINEERING COMMAND - MID-ATLANTIC NAVAL SUPPORT ACTIVITY - MECHANICSBURG, PA	
STRUCTURAL REPAIRS GROUP 2	
TYPICAL EAST/WEST SECTION BUILDING 404	
CODE ID. NO.	SIZE D
SCALE:	AS SHOWN
PWO DWG. NO.	10,758
JOB ORDER NO.	
SPEC. NO.	
CONSTR. CONTR. NO.	
NAVFAC DRAWING NO.	
12,611,472	
SHEET	12 OF 28
S-303	



TYPICAL NORTH-SOUTH SECTION
BUILDING 404

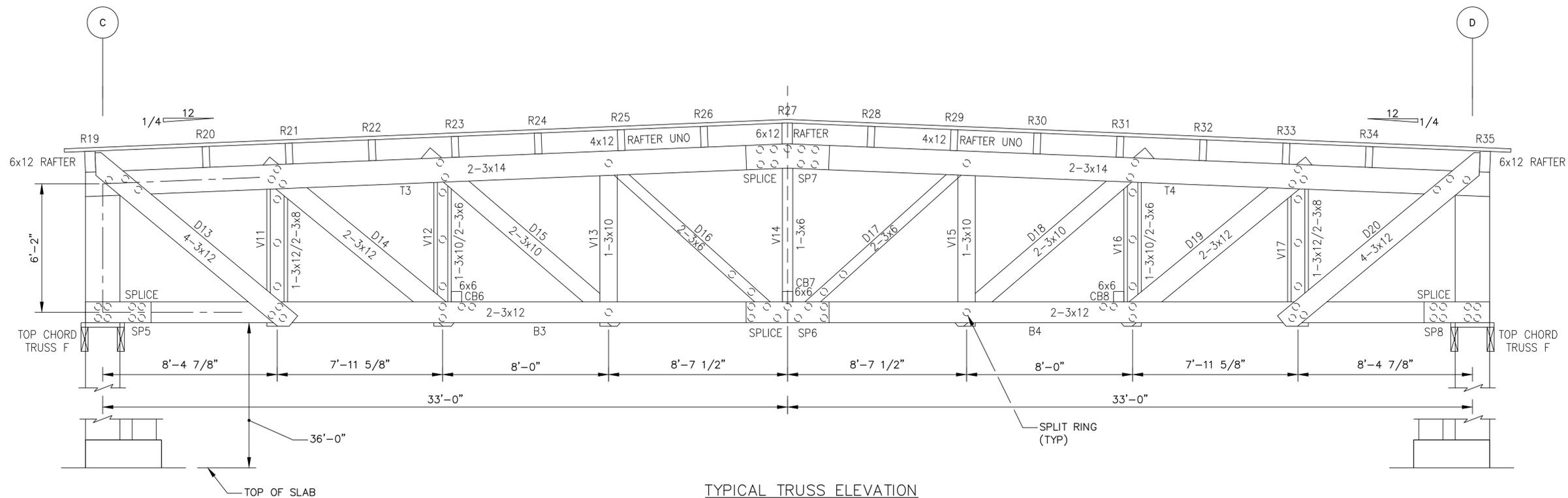
SCALE: 3/16"=1'-0"
2' 0 4' 8' 12'
SCALE IN FEET

NOTE:
FOR SIZES AND SPACING OF RAFTERS, GIRDERS, AND COLUMNS
IN EACH BUILDING, SEE ROOF FRAMING PLAN SHEETS.

FOR OFFICIAL USE ONLY

APPROVED:	DATE:	PWO, DWG. NO. PWD-10,759
DESIGNED:	T.T.E.	
OFFICER IN CHARGE	DRAWN:	R.G.S., CHKD V.C.
REVIEWED BY:	DATE:	
ENVIRON.:	HD ARCH.:	
FIRE DEPT.:	HD STRU.:	
	HD CIVIL:	
	HD ELEC.:	
	HD MECH.:	
SAFETY	SATISFACTORY TO:	
SATISFACTORY TO:	DIRECTOR OF DESIGN	DATE:
TENANT		

DATE	APPR.
DESCRIPTION	SYM.
	
	
SUBMITTED BY	VLADIMIR CECKA
FRM NUMBER	DATE 6/8/12
APPROVED	
ACTIVITY - SATISFACTORY TO	DATE
APPROVED	
FOR COMMANDER NAVFAC	DATE
DES	DR
CHK	QC
DESIGNER	
REVIEWED BY	
QC	
AIC/EC	
FIRE PROTECTION	NA
BRANCH MANAGER	
DESIGN DIRECTOR	
DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND NAVAL FACILITIES ENGINEERING COMMAND - MID-ATLANTIC NAVAL SUPPORT ACTIVITY - MECHANICSBURG, PA	
STRUCTURAL REPAIRS GROUP 2	
TYPICAL NORTH/SOUTH SECTION BUILDING 404	
CODE ID. NO.	SIZE D
SCALE:	AS SHOWN
PWO DWG. NO.	10,759
JOB ORDER NO.	
SPEC. NO.	
CONSTR. CONTR. NO.	
NAVFAC DRAWING NO.	12,611,473
SHEET	13 OF 28
S-304	



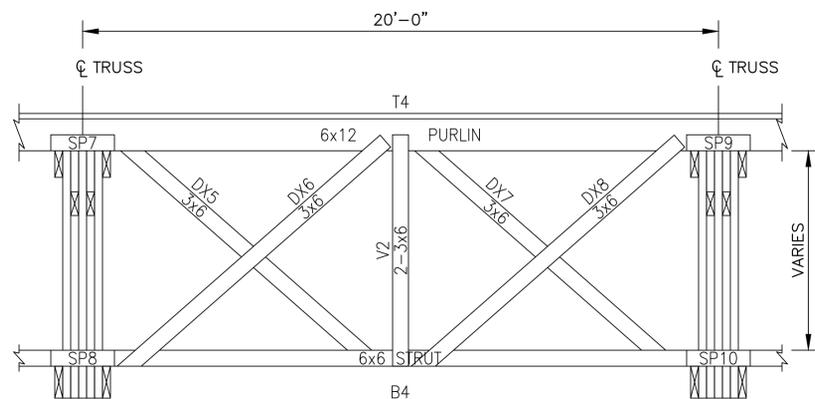
TYPICAL TRUSS ELEVATION
BUILDING 505 LOOKING NORTH

SCALE: 3/8"=1'-0"



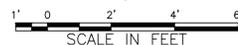
NOTE:
MEMBERS T, B, D, & SP CONSIST OF
2 MEMBERS "A" IS AT NEAR SIDE AND
"B" IS AT FAR SIDE.

LEGEND:
R - RAFTER
V - VERTICAL MEMBER
D - DIAGONAL MEMBER
SP - SPLICE PLATE
T - TOP CHORD
B - BOTTOM CHORD
COL - COLUMN
CB - CROSS BRACE
COR - CORBEL
SR - SPLIT RING
TX - TOP BRACE MEMBER
BX - BOTTOM BRACE MEMBER
DX - DIAGONAL BRACE MEMBER
VX - VERTICAL BRACE MEMBER



CROSS BRACING ELEVATION
LOOKING EAST

SCALE: 3/8"=1'-0"



NOTES:
1. MEMBERS THAT ARE NOTED TO BE REPLACED SHALL
BE CONNECTED WITH THE SAME NUMBER AND SIZE OF
NAILS OR BOLTS AS EXISTING.
2. DIAGONAL CROSS BRACINGS ARE NUMBERED FROM
THE NORTH SIDE OF THE BUILDING STARTING WITH DX1
AND CONTINUING UP CONSECUTIVELY.

REPAIR NOTES:

1. ALL LUMBER SHALL BE SOUTHERN PINE (NO.1), DOUGLAS FIR-LARCH (SELECT STRUCTURAL), OR EASTERN HEMLOCK-TAMARACK (SELECT STRUCTURAL).
2. HOLES IN WOOD FOR BOLTS TO BE 1/16" DIAMETER LARGER THAN DIA. OF BOLTS.
3. ALL LAG SCREWS TO HAVE PREDRILLED HOLES.
4. S.R. INDICATES SPLIT RINGS.
5. DO NOT REUSE EXISTING BOLTS, UNLESS NOTED, INSTALL NEW BOLTS. BOLTS SHALL CONFORM TO ASTM A307.
6. REUSE SPLIT RINGS WHERE POSSIBLE, IF NEW SPLIT RINGS (S.R.) ARE USED, SPLIT RINGS MUST BE INSTALLED ACCORDING TO MANUFACTURERS RECOMMENDATIONS.

FOR OFFICIAL USE ONLY

APPROVED:	DATE:	PWO, DWG. NO. PWD-10,760
DESIGNED:	T.T.E.	
REVIEWED BY:	DATE:	R.G.S., CHKD V.C.
ENVIRON.:	HD ARCH.	
FIRE DEPT.:	HD STRU.	
	HD CIVIL	
	HD ELEC.	
	HD MECH.	
SAFETY SATISFACTORY TO:	SATISFACTORY TO:	
TENANT	DIRECTOR OF DESIGN	DATE:

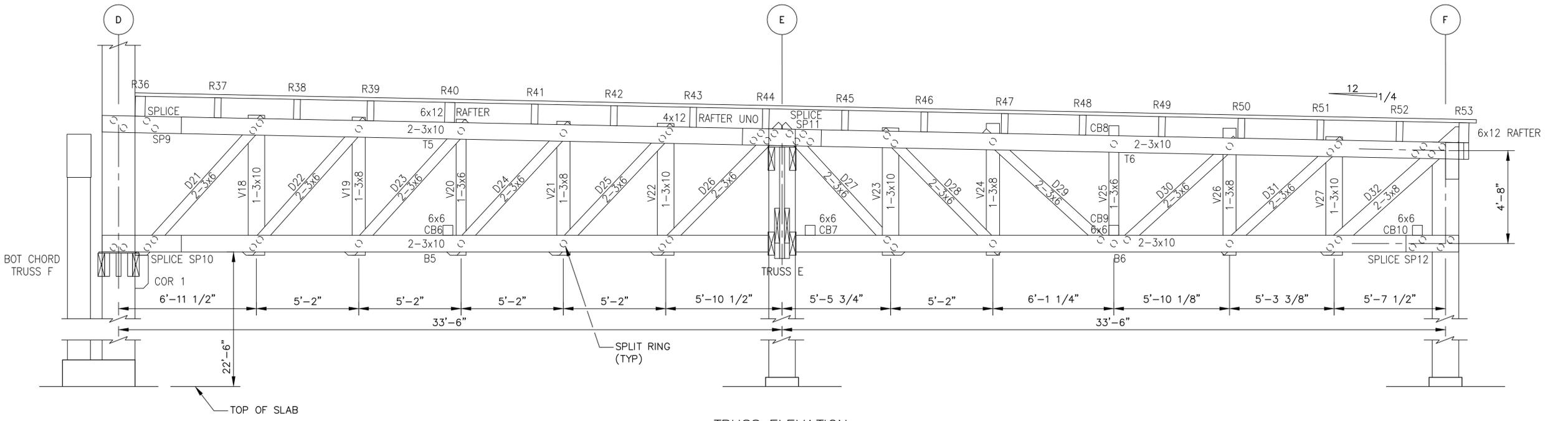
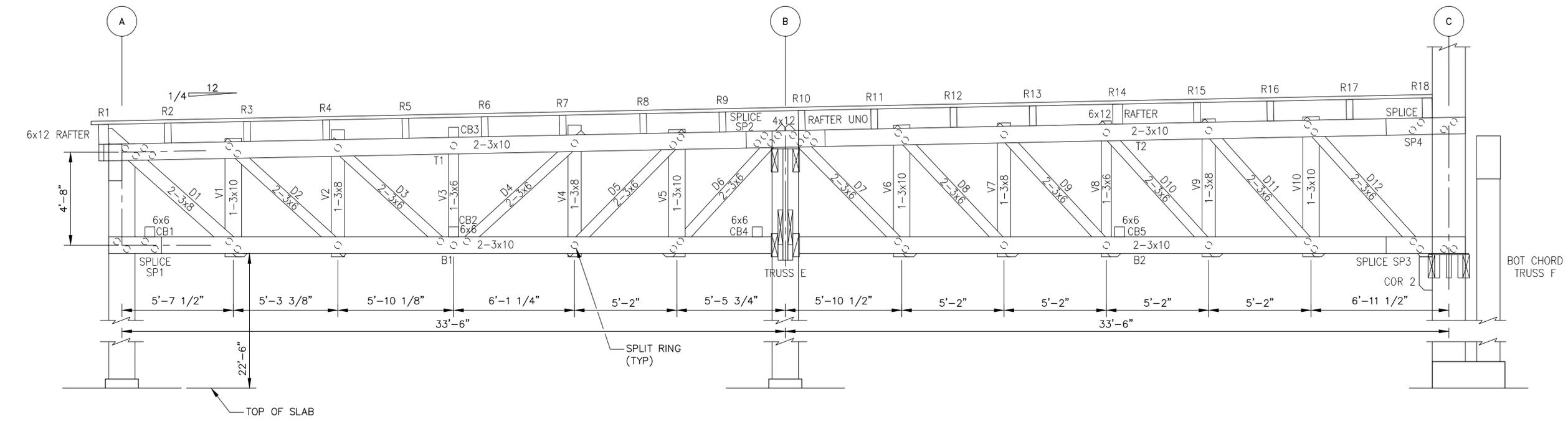
APPROVED:	DATE:	PWO, DWG. NO. PWD-10,760
DESIGNED:	T.T.E.	
REVIEWED BY:	DATE:	R.G.S., CHKD V.C.
ENVIRON.:	HD ARCH.	
FIRE DEPT.:	HD STRU.	
	HD CIVIL	
	HD ELEC.	
	HD MECH.	
SAFETY SATISFACTORY TO:	SATISFACTORY TO:	
TENANT	DIRECTOR OF DESIGN	DATE:

DEPARTMENT OF THE NAVY
 NAVAL FACILITIES ENGINEERING COMMAND - MID-ATLANTIC
 NAVAL SUPPORT ACTIVITY - MECHANICSBURG, PA
 STRUCTURAL REPAIRS
 GROUP 2
 TYPICAL TRUSS ELEVATION BUILDING 505

NAVFAC
 REGISTERED PROFESSIONAL ENGINEER
 VLADIMIR CECKA
 ENGINEER NO. 045454-E
 PENNSYLVANIA

SUBMITTED BY: VLADIMIR CECKA
 FIRM NUMBER: DATE: 6/8/12
 APPROVED:
 ACTIVITY - SATISFACTORY TO: DATE:
 APPROVED:
 FOR COMMANDER NAVFAC DATE:
 DES: DR
 CHK: QC
 DESIGNER:
 REVIEWED BY:
 QC:
 AIC/EC:
 FIRE PROTECTION: NA
 BRANCH MANAGER:
 DESIGN DIRECTOR:

CODE ID. NO.:
 SCALE: AS SHOWN
 PWD DWG. NO.: 10,760
 JOB ORDER NO.:
 SPEC. NO.:
 CONSTR. CONTR. NO.:
 NAVFAC DRAWING NO.:
 12,611,474
 SHEET 14 OF 28
 S-401



TRUSS ELEVATION
 ODD COLUMN LINES
 BUILDING 505
 LOOKING NORTH
 SCALE: 3/8"=1'-0"
 1' 0 2' 4' 6'
 SCALE IN FEET

NOTE:
 MEMBERS T, B, D, & SP CONSIST OF
 2 MEMBERS "A" IS AT NEAR SIDE AND
 "B" IS AT FAR SIDE.

REPAIR NOTES:

1. ALL LUMBER SHALL BE SOUTHERN PINE (NO.1), DOUGLAS FIR-LARCH (SELECT STRUCTURAL), OR EASTERN HEMLOCK-TAMARACK (SELECT STRUCTURAL).
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3. ALL LAG SCREWS TO HAVE PREDRILLED HOLES.
4. S.R. INDICATES SPLIT RINGS.
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LEGEND:

- R - RAFTER
- V - VERTICAL MEMBER
- D - DIAGONAL MEMBER
- SP - SPLICE PLATE
- T - TOP CHORD
- B - BOTTOM CHORD
- COL - COLUMN
- CB - CROSS BRACE
- COR - CORBEL
- SR - SPLIT RING
- TX - TOP BRACE MEMBER
- BX - BOTTOM BRACE MEMBER
- DX - DIAGONAL BRACE MEMBER
- VX - VERTICAL BRACE MEMBER

FOR OFFICIAL USE ONLY

APPROVED:	DATE:	PWO, DWG. NO. PWD-10,761
DESIGNED T.T.E.		
OFFICER IN CHARGE	DRAWN R.G.S., CHKD V.C.	SCALE: AS SHOWN
REVIEWED BY:	DATE:	PWD DWG. NO. 10,761
ENVIRON.:	HD ARCH.	JOB ORDER NO.
FIRE DEPT.:	HD STRU.	SPEC. NO.
	HD CIVIL	CONSTR. CONTR. NO.
	HD ELEC.	NAVFAC DRAWING NO.
	HD MECH.	12,611,475
SAFETY SATISFACTORY TO:	SATISFACTORY TO:	SHEET 15 OF 26
TENANT	DIRECTOR OF DESIGN	DATE:

DATE: APRR

DESCRIPTION

SYN

SEAL

SUBMITTED BY: VLADIMIR CECKA

FIRM NUMBER: DATE: 6/8/12

APPROVED:

ACTIVITY - SATISFACTORY TO DATE

APPROVED:

FOR COMMANDER NAVFAC DATE

DES DR

CHK QC

DESIGNER

REVIEWED BY:

QC

AIC/EG

FIRE PROTECTION NA

BRANCH MANAGER

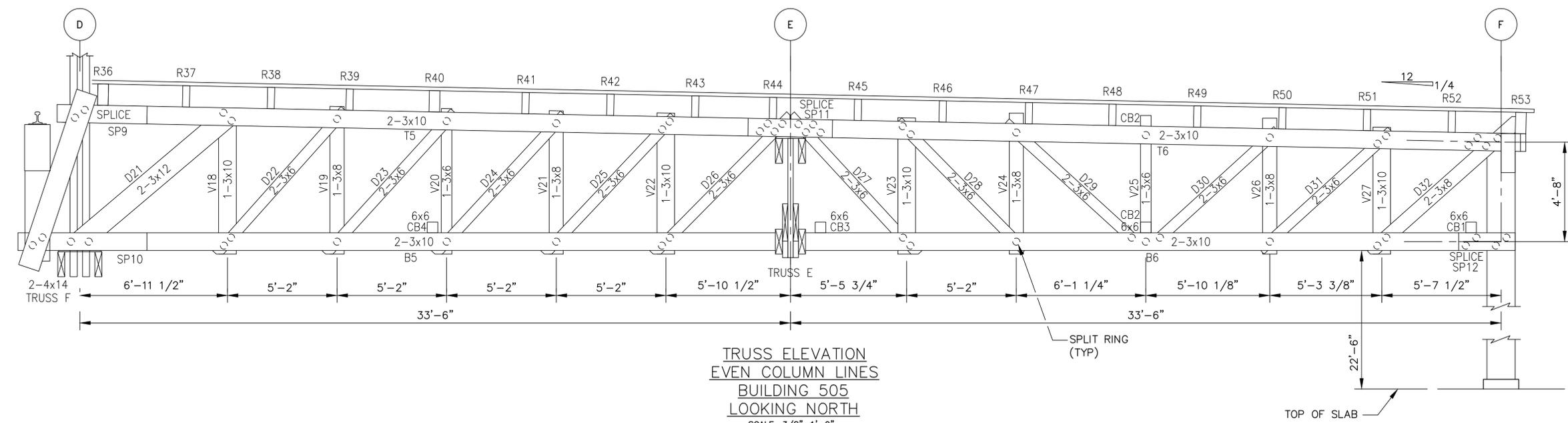
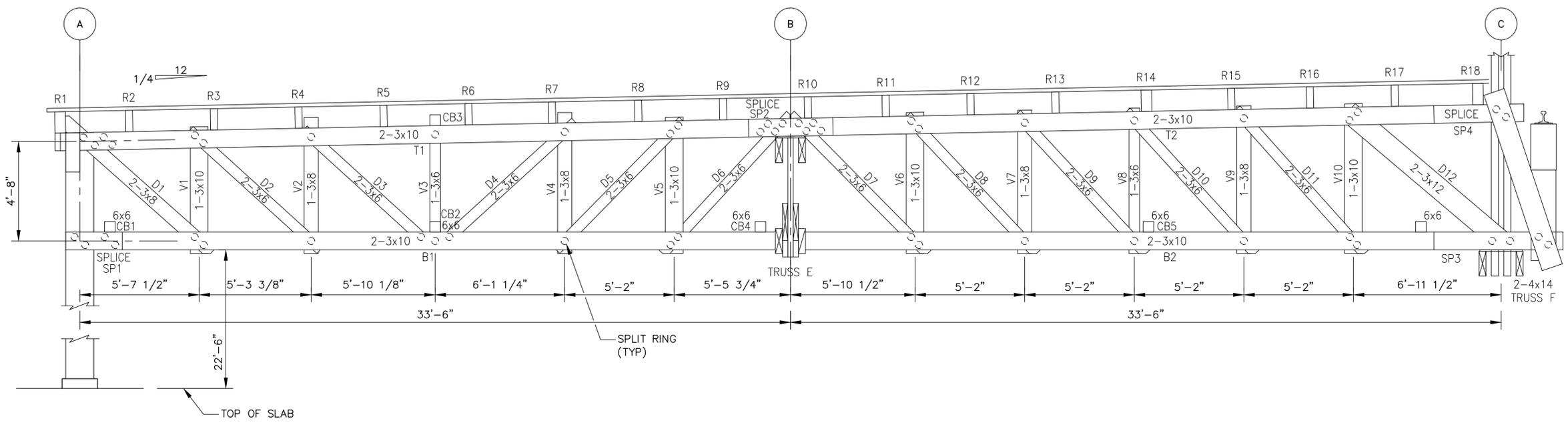
DESIGN DIRECTOR

DEPARTMENT OF THE NAVY
 NAVAL FACILITIES ENGINEERING COMMAND
 NAVAL SUPPORT ACTIVITY - MECHANICSBURG, PA

STRUCTURAL REPAIRS
 GROUP 2

TRUSS ELEVATION ODD COLUMN LINES BUILDING 505

S-402



TRUSS ELEVATION
EVEN COLUMN LINES
BUILDING 505
LOOKING NORTH
SCALE: 3/8"=1'-0"
SCALE IN FEET

NOTE:
MEMBERS T, B, D, & SP CONSIST OF
2 MEMBERS "A" IS AT NEAR SIDE AND
"B" IS AT FAR SIDE.

REPAIR NOTES:

- ALL LUMBER SHALL BE SOUTHERN PINE (NO.1), DOUGLAS FIR-LARCH (SELECT STRUCTURAL), OR EASTERN HEMLOCK-TAMARACK (SELECT STRUCTURAL).
- HOLES IN WOOD FOR BOLTS TO BE 1/16" DIAMETER LARGER THAN DIA. OF BOLTS.
- ALL LAG SCREWS TO HAVE PREDRILLED HOLES.
- S.R. INDICATES SPLIT RINGS.
- DO NOT REUSE EXISTING BOLTS, UNLESS NOTED, INSTALL NEW BOLTS. BOLTS SHALL CONFORM TO ASTM A307.
- REUSE SPLIT RINGS WHERE POSSIBLE, IF NEW SPLIT RINGS (S.R.) ARE USED, SPLIT RINGS MUST BE INSTALLED ACCORDING TO MANUFACTURERS RECOMMENDATIONS.

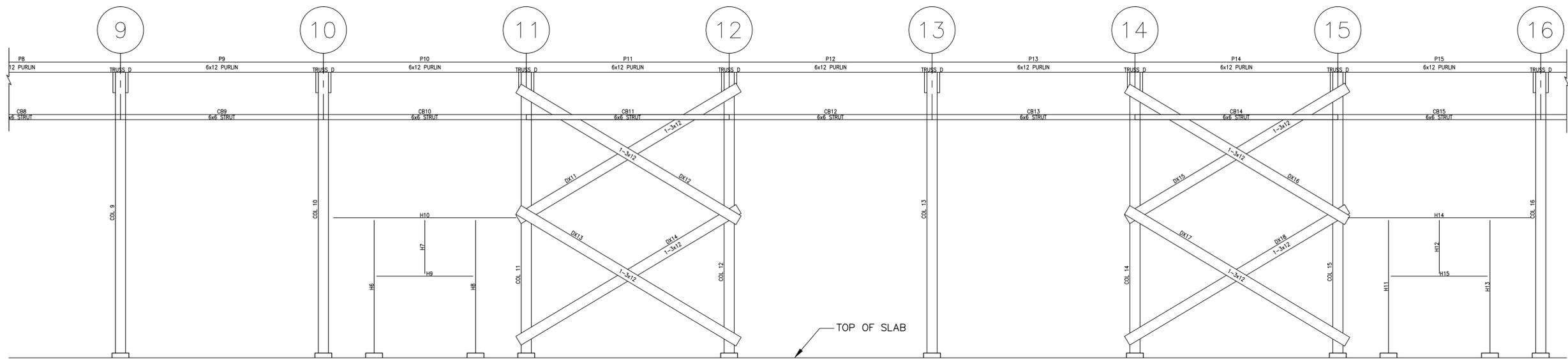
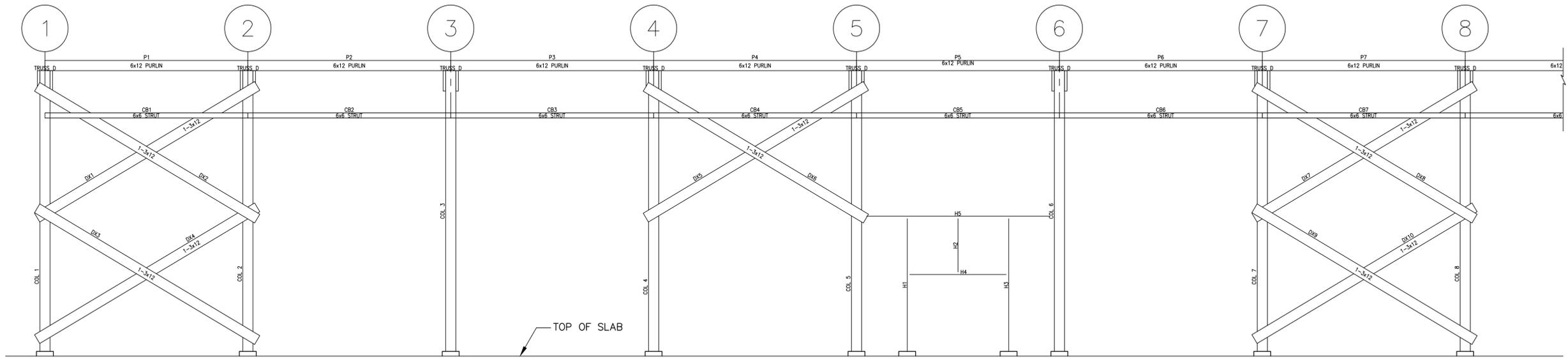
- LEGEND:
- R - RAFTER
 - V - VERTICAL MEMBER
 - D - DIAGONAL MEMBER
 - SP - SPLICE PLATE
 - T - TOP CHORD
 - B - BOTTOM CHORD
 - COL - COLUMN
 - CB - CROSS BRACE
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 - SR - SPLIT RING

- TX - TOP BRACE MEMBER
- BX - BOTTOM BRACE MEMBER
- DX - DIAGONAL BRACE MEMBER
- VX - VERTICAL BRACE MEMBER

FOR OFFICIAL USE ONLY

APPROVED:	DATE:	PWO, DWG. NO. PWD-10,762
DESIGNED:	T.T.E.	
OFFICER IN CHARGE	DRAWN:	R.G.S., CHKD V.C.
REVIEWED BY:	DATE:	
ENVIRON.:	HD ARCH.:	
FIRE DEPT.:	HD STRU.:	
	HD CIVIL:	
	HD ELEC.:	
	HD MECH.:	
SAFETY SATISFACTORY TO:	SATISFACTORY TO:	
TENANT:	DIRECTOR OF DESIGN	DATE:

APPROVED:	DATE:	
DESCRIPTION:		
SYM:		
SUBMITTED BY:	VLADIMIR CECKA	
FIRM NUMBER:	DATE: 6/8/12	
APPROVED:		
ACTIVITY - SATISFACTORY TO DATE:		
APPROVED:		
FOR COMMANDER NAVFAC:	DATE:	
DES:	DR:	
CHK:	QC:	
DESIGNER:		
REVIEWED BY:		
QC:		
AIC/EC:		
FIRE PROTECTION:	NA	
BRANCH MANAGER:		
DESIGN DIRECTOR:		
DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND NAVAL SUPPORT ACTIVITY - MECHANICSBURG, PA	STRUCTURAL REPAIRS GROUP 2	
	TRUSS ELEVATION EVEN COLUMN LINES BUILDING 505	
CODE ID. NO.:	SIZE:	D
SCALE:	AS SHOWN	
PWD DWG. NO.:	10,762	
JOB ORDER NO.:		
SPEC. NO.:		
CONSTR. CONTR. NO.:		
NAVFAC DRAWING NO.:	12,611,476	
SHEET:	16 OF 26	
	S-403	



**COLUMN ROWS A AND F ELEVATION
BUILDING 505 LOOKING EAST**

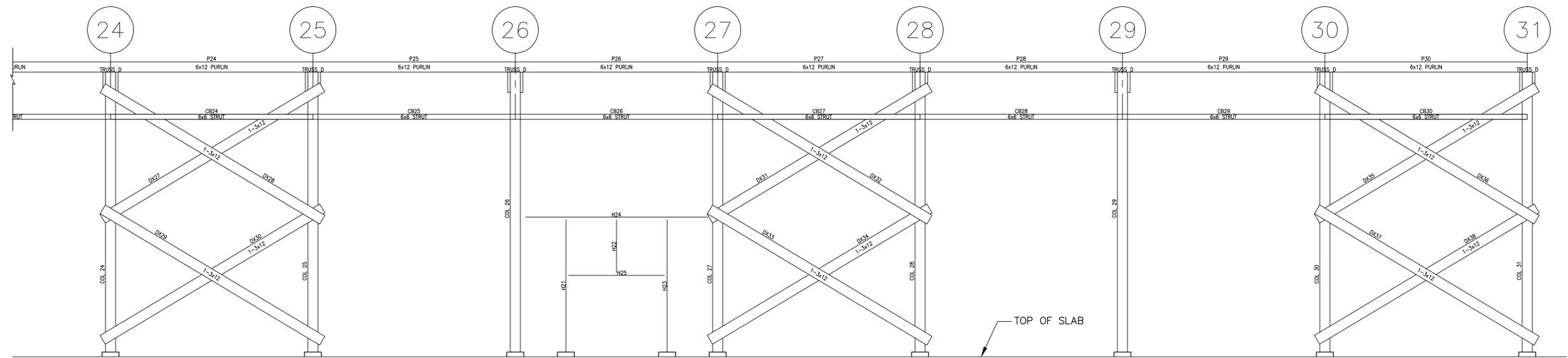
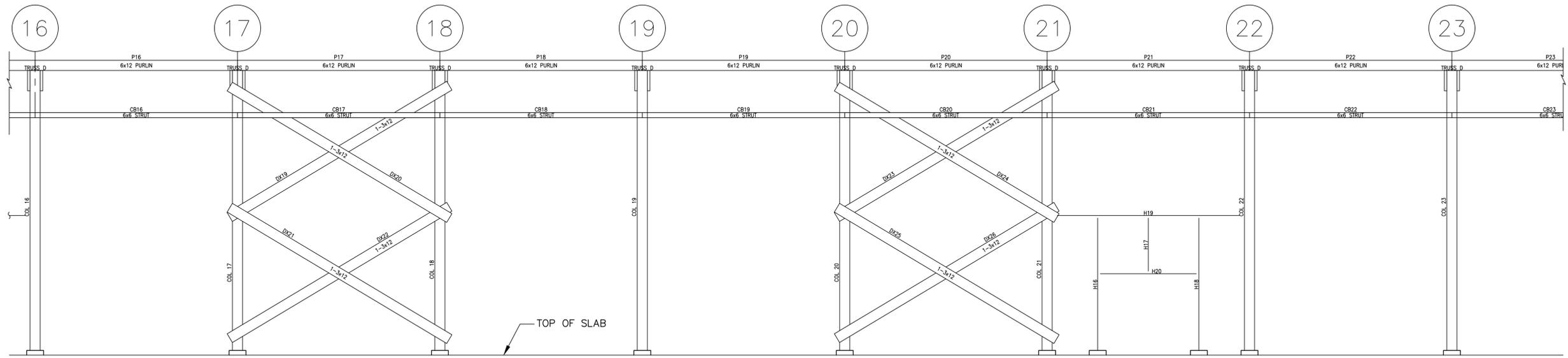
SCALE: 3/16" = 1'-0"

 SCALE IN FEET

FOR OFFICIAL USE ONLY

APPROVED:	DATE:	PWO, DWG. NO. PWD-10,763
DESIGNED:	T.T.E.	
OFFICER IN CHARGE:	DRAWN:	R.G.S., CHKD V.C.
REVIEWED BY:	DATE:	
ENVIRON.:	HD ARCH.:	
FIRE DEPT.:	HD STRU.:	
SAFETY SATISFACTORY TO:	HD CIVIL:	
TENANT:	HD ELEC.:	
	HD MECH.:	
	SATISFACTORY TO:	
	DIRECTOR OF DESIGN:	DATE:

APPR.	DATE:	
SYM.	DESCRIPTION:	
SUBMITTED BY:	VLADIMIR CECKA	
FIRM NUMBER:	DATE: 6/8/12	
APPROVED:		
ACTIVITY - SATISFACTORY TO:	DATE:	
APPROVED:		
FOR COMMANDER NAVFAC:	DATE:	
DES:	DR:	
CHK:	QC:	
DESIGNER:		
REVIEWED BY:		
QC:		
AIC/EG:		
FIRE PROTECTION:	NA:	
BRANCH MANAGER:		
DESIGN DIRECTOR:		
DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND NAVAL FACILITIES ENGINEERING COMMAND - MID-ATLANTIC NAVAL SUPPORT ACTIVITY - MECHANICSBURG, PA	STRUCTURAL REPAIRS GROUP 2	
	COLUMN ROWS A & F ELEVATION BUILDING 505	
CODE ID. NO.:	SIZE:	D
SCALE:	AS SHOWN	
PWD DWG. NO.:	10,763	
JOB ORDER NO.:		
SPEC. NO.:		
CONSTR. CONTR. NO.:		
NAVFAC DRAWING NO.:	12,611,477	
SHEET:	17 OF 28	
S-404		



**COLUMN ROWS A AND F ELEVATION
BUILDING 505 LOOKING EAST**

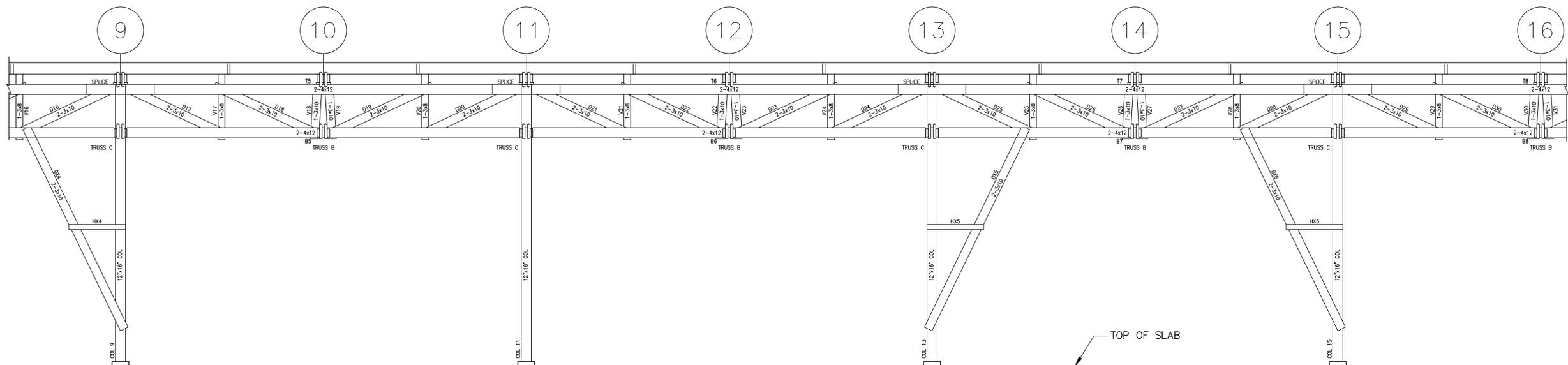
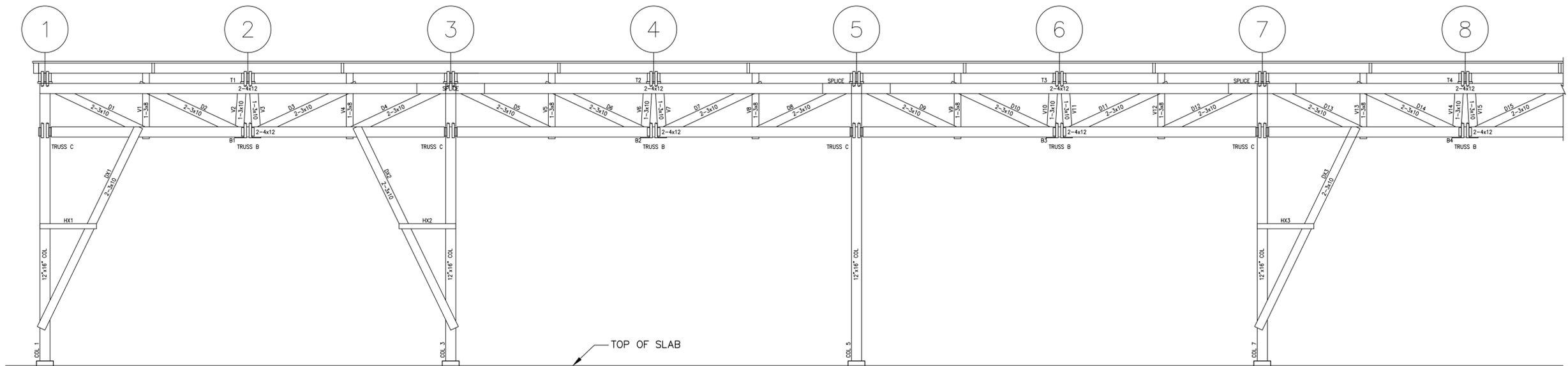
SCALE: 3/16" = 1'-0"

 SCALE IN FEET

FOR OFFICIAL USE ONLY

APPROVED:	DATE:	PWO, DWG. NO. PWD-10,764
DESIGNED:	T.T.E.	
OFFICER IN CHARGE:	DRAWN:	R.G.S., CHKD V.C.
REVIEWED BY:	DATE:	
ENVIRON.:	HD ARCH.:	
FIRE DEPT.:	HD STRU.:	
	HD CIVIL:	
	HD ELEC.:	
	HD MECH.:	
SAFETY SATISFACTORY TO:	SATISFACTORY TO:	
TENANT:	DIRECTOR OF DESIGN:	DATE:

DATE:	APPR:
DESCRIPTION:	SYM:
SUBMITTED BY:	SEAL
FRM MEMBER:	DATE: 6/8/12
APPROVED:	
ACTIVITY - SATISFACTORY TO:	DATE:
APPROVED:	
FOR COMMANDER NAVFAC:	DATE:
DES:	DR:
CHK:	QC:
DESIGNER:	
REVIEWED BY:	
QC:	
AIC/EC:	
FIRE PROTECTION:	NA:
BRANCH MANAGER:	
DESIGN DIRECTOR:	
DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND NAVAL FACILITIES ENGINEERING COMMAND - MID-ATLANTIC NAVAL SUPPORT ACTIVITY - MECHANICSBURG, PA	STRUCTURAL REPAIRS GROUP 2
COLUMN ROWS A & F ELEVATION BUILDING 505	
CODE ID. NO.:	SIZE: D
SCALE: AS SHOWN	
PWD DWG. NO. 10,764	JOB ORDER NO.:
SPEC. NO.:	CONSTR. CONTR. NO.:
NAVFAC DRAWING NO. 12,611,478	
SHEET 18 OF 28	
S-405	



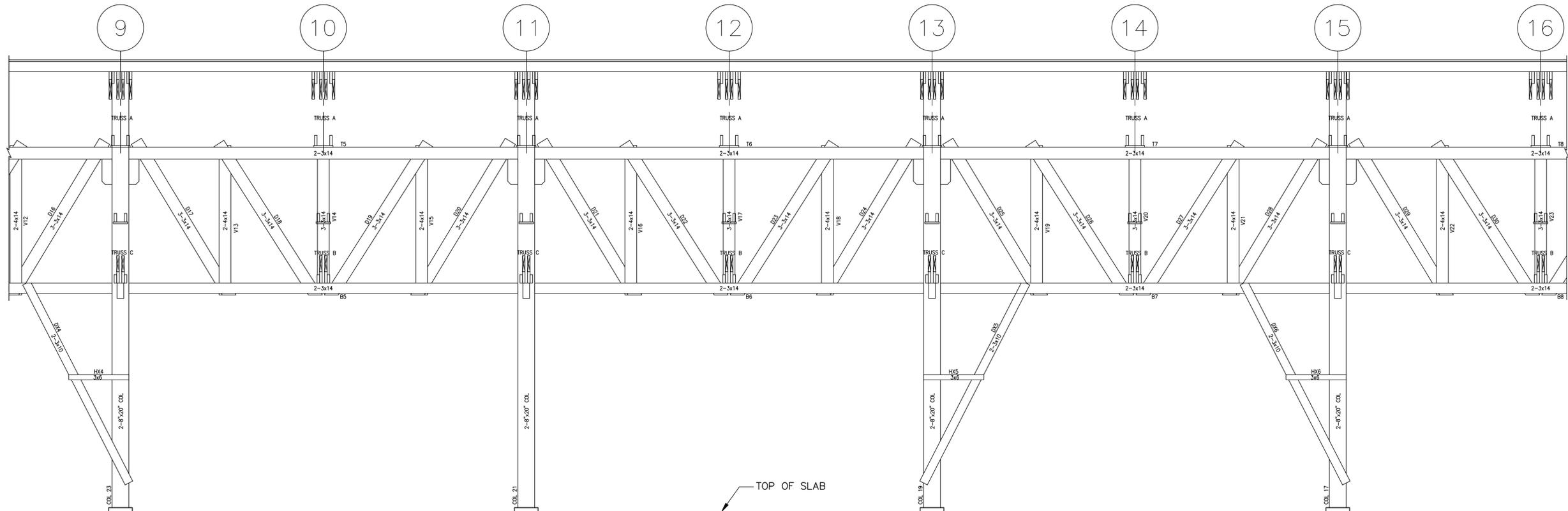
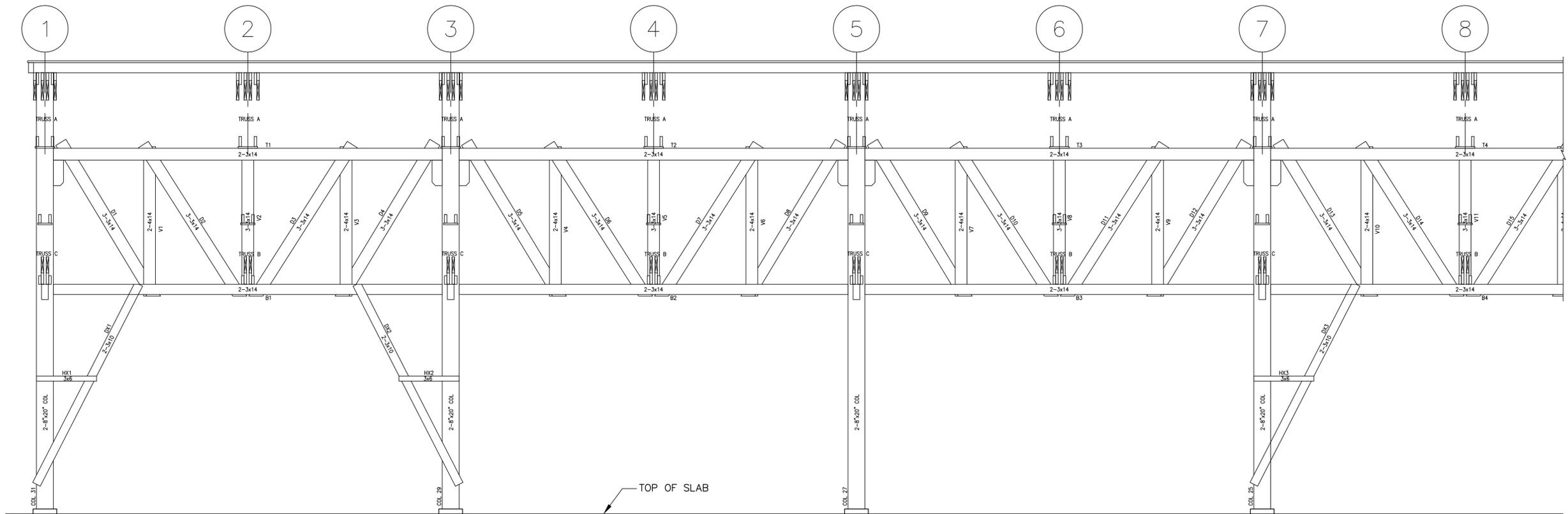
COLUMN ROWS B AND E ELEVATION
BUILDING 505 LOOKING EAST

SCALE: 3/16"=1'-0"
SCALE IN FEET

FOR OFFICIAL USE ONLY

APPROVED:	DATE:	PWO, DWG. NO. PWD-10,765
DESIGNED:	T.T.E.	
OFFICER IN CHARGE:	DRAWN:	R.G.S., CHKD V.C.
REVIEWED BY:	DATE:	
ENVIRON.:	HD ARCH.:	
FIRE DEPT.:	HD STRU.:	
SAFETY:	HD CIVIL:	
SATISFACTORY TO:	HD ELEC.:	
TENANT:	HD MECH.:	
	SATISFACTORY TO:	
	DIRECTOR OF DESIGN:	DATE:

APPR.	DATE:
SYM.	DESCRIPTION:
SUBMITTED BY: VLADIMIR CECKA	
FIRM NUMBER: DATE: 6/8/12	
APPROVED:	
ACTIVITY - SATISFACTORY TO DATE:	
APPROVED:	
FOR COMMANDER NAVFAC DATE:	
DES:	DR:
CHK:	QC:
DESIGNER:	
REVIEWED BY:	
QC:	
AIC/EC:	
FIRE PROTECTION:	NA
BRANCH MANAGER:	
DESIGN DIRECTOR:	
DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND NAVAL FACILITIES ENGINEERING COMMAND - MID-ATLANTIC NAVAL SUPPORT ACTIVITY - MECHANICSBURG, PA	
STRUCTURAL REPAIRS GROUP 2	
COLUMN ROWS B & E ELEVATION BUILDING 505	
CODE ID. NO.:	SIZE: D
SCALE:	AS SHOWN
PWD DWG. NO.:	10,765
JOB ORDER NO.:	
SPEC. NO.:	
CONSTR. CONTR. NO.:	
NAVFAC DRAWING NO.:	12,611,479
SHEET:	19 OF 28
S-406	



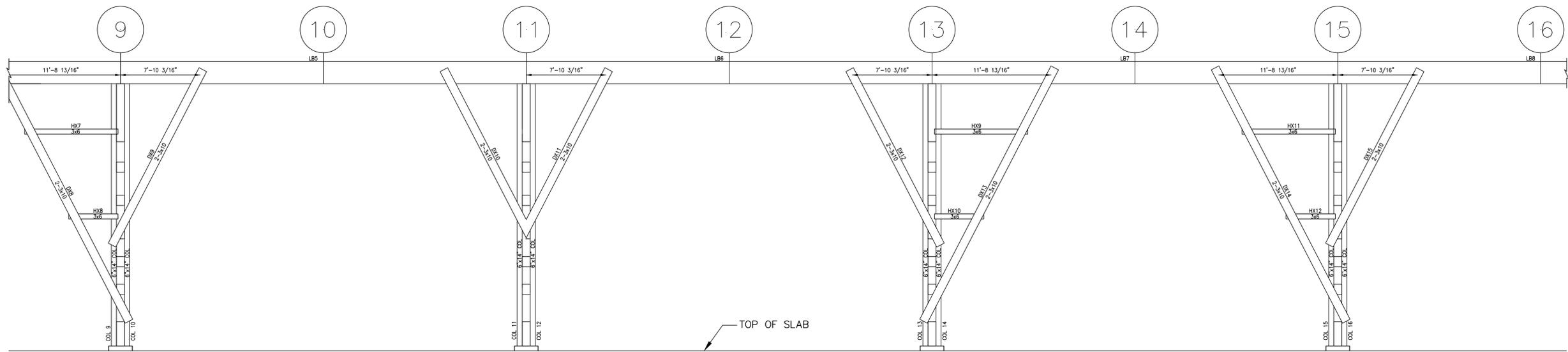
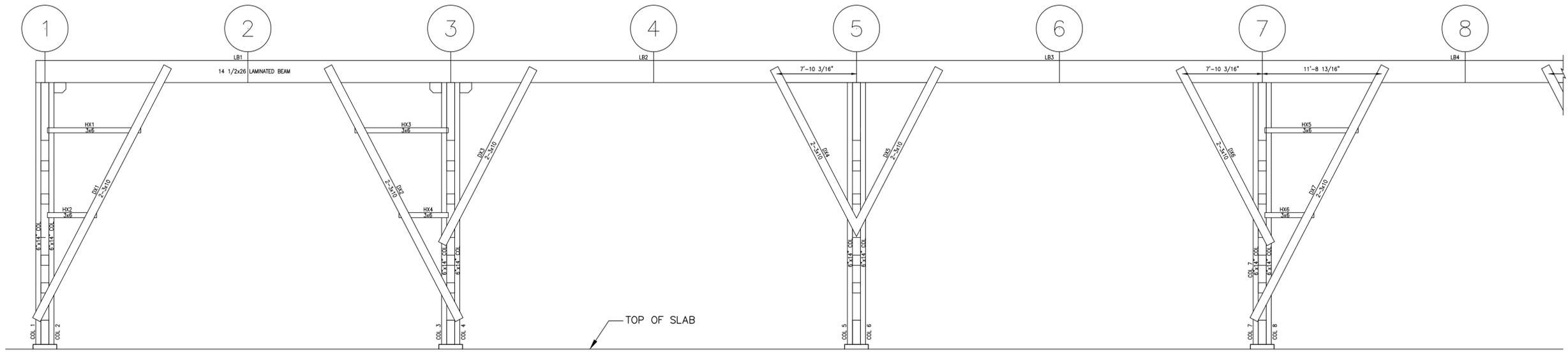
COLUMN ROWS C AND D ELEVATION
BUILDING 505 LOOKING EAST

SCALE: 3/16"=1'-0"
2' 0 4' 8' 12'
SCALE IN FEET

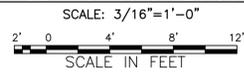
FOR OFFICIAL USE ONLY

APPROVED:	DATE:	PWO, DWG. NO. PWD-10,767
DESIGNED:	T.T.E.	
OFFICER IN CHARGE:	DRAWN:	R.G.S., CHKD V.C.
REVIEWED BY:	DATE:	
ENVIRON.:	HD ARCH.:	
	HD STRU.:	
	HD CIVIL:	
	HD ELEC.:	
	HD MECH.:	
FIRE DEPT.:		
SAFETY:		
SATISFACTORY TO:	SATISFACTORY TO:	
TENANT:	DIRECTOR OF DESIGN:	DATE:

APPROVED:	DATE:	
DESCRIPTION:		
SYMBOL:		
		
		
SUBMITTED BY:	VLADIMIR CECKA	
FIRM NUMBER:	DATE 6/8/12	
APPROVED:		
ACTIVITY - SATISFACTORY TO:	DATE	
FOR COMMANDER NAVFAC:	DATE	
DESIGNER:	DR	QC
DESIGNER:	DR	QC
REVIEWED BY:		
ACI/EC:		
FIRE PROTECTION:	NA	
BRANCH MANAGER:		
DESIGN DIRECTOR:		
DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND NAVAL FACILITIES ENGINEERING COMMAND - MID-ATLANTIC NAVAL SUPPORT ACTIVITY - MECHANICSBURG, PA		
STRUCTURAL REPAIRS GROUP 2		
COLUMN ROWS C & D ELEVATION BUILDING 505		
CODE ID. NO.:	SIZE:	D
SCALE:	AS SHOWN	
PWD DWG. NO.:	10,767	
JOB ORDER NO.:		
SPEC. NO.:		
CONSTR. CONTR. NO.:		
NAVFAC DRAWING NO.:	12,611,481	
SHEET:	21 OF 28	
S-408		



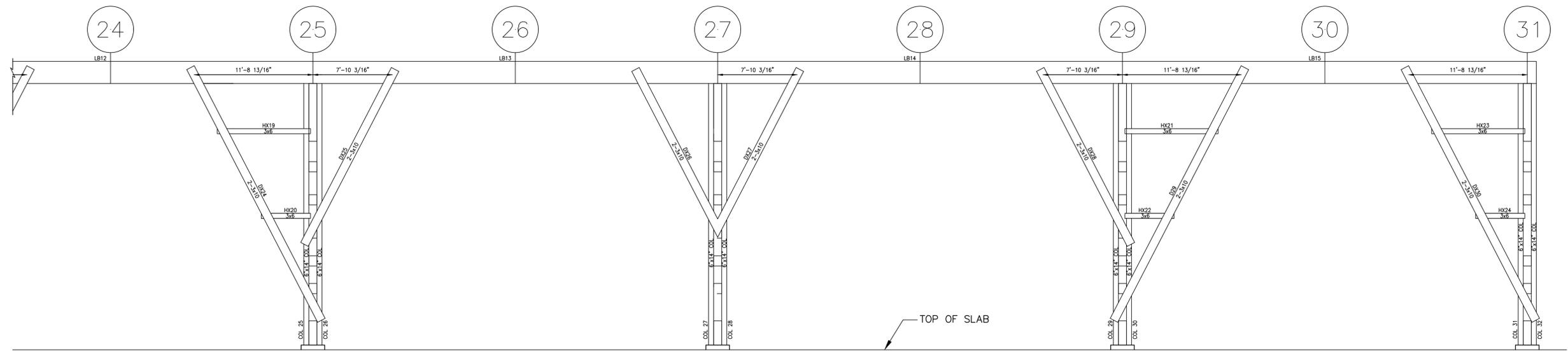
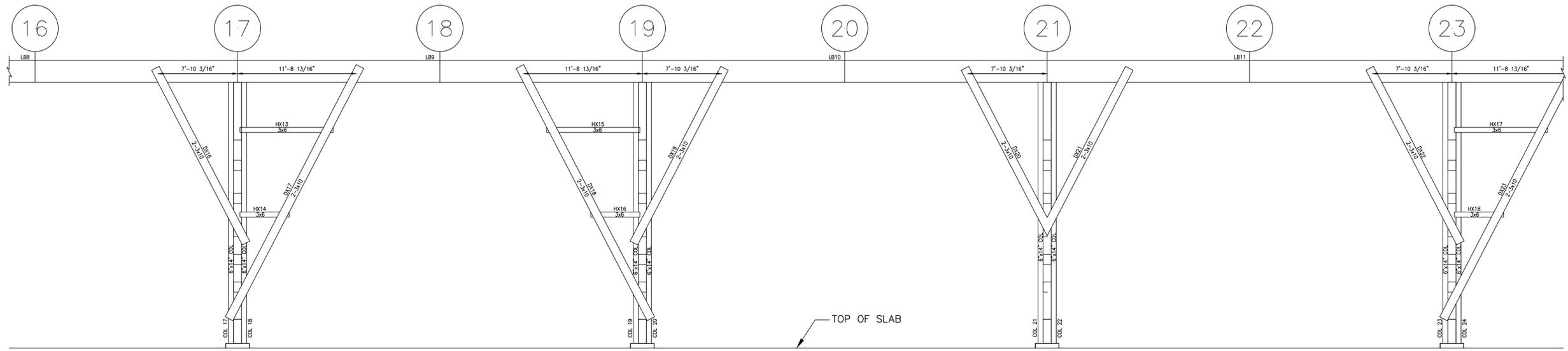
**COLUMN ROWS C.1 AND C.9 ELEVATION
BUILDING 505 LOOKING EAST**



FOR OFFICIAL USE ONLY

APPROVED:	DATE:	PWO, DWG. NO. PWD-10,769
DESIGNED:	T.T.E.	
REVIEWED BY:	DATE:	R.G.S., CHKD V.C.
ENVIRON.:	HD ARCH.	
FIRE DEPT.	HD STRU.	
	HD CIVIL	
	HD ELEC.	
	HD MECH.	
SAFETY SATISFACTORY TO:	SATISFACTORY TO:	
TENANT	DIRECTOR OF DESIGN	DATE:

DATE	APPR.
DESCRIPTION	SYM.
SUBMITTED BY: VLADIMIR CECKA	
FORM NUMBER	DATE: 6/8/12
APPROVED:	
ACTIVITY - SATISFACTORY TO DATE:	
APPROVED:	
FOR COMMANDER NAVFAC:	
DES	DR
CHK	QC
DESIGNER	
REVIEWED BY:	
QC	
AIC/EC	
FIRE PROTECTION	NA
BRANCH MANAGER	
DESIGN DIRECTOR	
DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND NAVAL FACILITIES ENGINEERING COMMAND - MID-ATLANTIC NAVAL SUPPORT ACTIVITY - MECHANICSBURG, PA	
STRUCTURAL REPAIRS GROUP 2	
COLUMN ROWS C.1 & C.9 ELEVATION BUILDING 505	
CODE ID. NO.	SIZE D
SCALE:	AS SHOWN
PWD DWG. NO.	10,769
JOB ORDER NO.	
SPEC. NO.	
CONSTR. CONTR. NO.	
NAVFAC DRAWING NO.	
12,611,483	
SHEET	23 OF 28
S-410	



COLUMN ROWS C.1 AND C.9 ELEVATION
BUILDING 505 LOOKING EAST

SCALE: 3/16"=1'-0"
SCALE IN FEET

FOR OFFICIAL USE ONLY

APPROVED:	DATE:	PWO, DWG. NO. PWD-10,770
DESIGNED:	T.T.E.	
OFFICER IN CHARGE:	DRAWN:	R.G.S., CHKD V.C.
REVIEWED BY:	DATE:	
ENVIRON.:	HD ARCH.:	
FIRE DEPT.:	HD STRU.:	
SAFETY:	HD CIVIL:	
SATISFACTORY TO:	HD ELEC.:	
TENANT:	HD MECH.:	
	SATISFACTORY TO:	
	DIRECTOR OF DESIGN:	DATE:

DATE	APPR.
DESCRIPTION	SYM.
SUBMITTED BY:	V.LADIMIR CECKA
FIRM NUMBER:	DATE: 6/8/12
APPROVED:	
ACTIVITY - SATISFACTORY TO:	DATE:
APPROVED:	
FOR COMMANDER NAVFAC:	DATE:
DES:	DR:
CHK:	QC:
DESIGNER:	
REVIEWED BY:	
QC:	
AIC/EC:	
FIRE PROTECTION:	NA:
BRANCH MANAGER:	
DESIGN DIRECTOR:	
DEPARTMENT OF THE NAVY	NAVAL FACILITIES ENGINEERING COMMAND
NAVAL FACILITIES ENGINEERING COMMAND - MID-ATLANTIC	NAVAL SUPPORT ACTIVITY - MECHANICSBURG, PA
STRUCTURAL REPAIRS GROUP 2	
COLUMN ROWS C.1 & C.9 ELEVATION BUILDING 505	
CODE ID. NO.:	SIZE: D
SCALE:	AS SHOWN
PWD DWG. NO.:	10,770
JOB ORDER NO.:	
SPEC. NO.:	
CONSTR. CONTR. NO.:	
NAVFAC DRAWING NO.:	12,611,484
SHEET:	24 OF 28
S-411	

BUILDING NO. 404

MEMBER	DEFECT	DETAIL	COMMENTS
COLUMN			
B22	SPLIT	A	
B25	BOLT MISSING	G	ADD ADHESIVE ANCHOR
B27	SPLIT	A	
C10	DAMAGE	G	ADD NEW ANGLES/ADHESIVE ANCHORS
C14	BOLT MISSING	G	ADD ADHESIVE ANCHOR
C16	SPLIT	A	
C18	SPLIT	A	
H2	SPLIT	A	
H7	SPLIT	A	
H9	SPLIT	A	
H11	SPLIT	A	
H13	SPLIT	A	
J5	SPLIT	A	
GIRDER			
AB28	SPLIT	C	CONFLICT #1, 3 & 9
CD18	SPLIT	C	CONFLICT #9
GH04	SPLIT	C	CONFLICT #12
GH11	SPLIT	C	
RAFTER			
G0102	SPLIT	D	
J2021	SPLIT	J	
J2829.3	SPLIT	D	

BUILDING NO. 505

MEMBER	DEFECT	DETAIL	COMMENTS
BRACING			
E/DX2[1]	SPLIT	-	REPLACE IN KIND
C.3/DX60	SPLIT	-	REPLACE IN KIND
D.5/DX25	SPLIT	-	REPLACE IN KIND
RAFTER			
27/R16	SPLIT	D	
TRUSS			
B/B7[1]	SPLIT	L	EACH SIDE OF V25
B/B12[2]	SPLIT	L	EACH SIDE OF V48
B/D44[1,2]	SPLIT	-	REPLACE IN KIND
D/B5[2]	SPLIT	L	NORTH SIDE OF V13
E/B12[2]	SPLIT	-	REPLACE IN KIND
E/B15[1]	SPLIT	L	NORTH OF D57 AND SOUTH OF V57
13/D21[2]	SPLIT	-	REPLACE IN KIND
17/D21[2]	SPLIT	-	REPLACE IN KIND
22/B1[1]	SPLIT	T	WEST OF D3 AND EAST OF D4
26/B1[2]	SPLIT	T	NEAR END
28/D18[1]	SPLIT	T	BELOW TOP CHORD

NOTES:

- THE FOLLOWING PROBABLE CONFLICTS HAVE BEEN IDENTIFIED IN THE FIELD DURING STRUCTURAL INSPECTION. CONFLICTS MAY AFFECT REPAIR PROCEDURES. ADDITIONAL CONFLICTS MAY BE ENCOUNTERED. CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL CONFLICTS IN THE FIELD AT NO ADDITIONAL COST TO THE GOVERNMENT.
- CONTRACTOR IS RESPONSIBLE FOR THE TEMPORARY REMOVAL/SUPPORT OF EXISTING UTILITIES DURING REPAIR/REPLACEMENT OF STRUCTURAL MEMBERS AT NO ADDITIONAL COST TO THE GOVERNMENT.
- UTILITIES TO BE REINSTALLED/RELOCATED TO ORIGINAL LOCATIONS AFTER REPAIR IS COMPLETED AT NO ADDITIONAL COST TO THE GOVERNMENT.

CONFLICTS

- #1 LIGHTS
- #2 SENSORS
- #3 ELECTRICAL CONDUIT
- #4 ELECTRICAL BOX
- #5 CABLES
- #6 DUCTWORK (ASBESTOS)
- #7 DUCTWORK SUPPORT (ASBESTOS)
- #8 SPRINKLER LINE
- #9 SPRINKLER LINE SUPPORT
- #10 WIRING
- #11 AIRLINE
- #12 PIPE HANGER

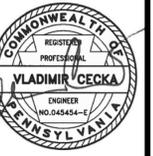
NOTES:

- FOR TRUSS LOCATIONS, SEE COLUMN LINES ON SHEETS 10 AND 11.
- FOR REPAIR DETAILS SEE SHEET 25.
- [] INDICATES LAYER 1, 2, 3 AND 4. LAYER 1 IS THE CLOSEST LAYER WHEN LOOKING NORTH AND EAST.

LEGEND

ITEM	MEMBER	LOCATION
COLUMN	A1-1	COLUMN AT THE INTERSECTION OF COLUMN ROW A1 AND COLUMN LINE 1
	F11	COLUMN AT THE INTERSECTION OF COLUMN ROW F AND COLUMN LINE 11
GIRDER	BC19	GIRDER EXISTING BETWEEN COLUMN ROW B AND C ON COLUMN LINE 19
RAFTER	A1A1.4	RAFTER EXISTING BETWEEN COLUMN ROWS A1 AND A ON COLUMN LINE 1.4
RAFTER	6/R10	RAFTER EXISTING BETWEEN TRUSS 6 & 7 SEE TRUSS ELEVATION FOR LOCATION
TRUSS	6/V1	V1=FIRST VERTICAL MEMBER IN TRUSS 6 SEE TRUSS ELEVATION FOR LOCATION
BRACING	H/DX7	DX7=SEVENTH DIAGONAL ON COLUMN LINE H SEE CROSS BRACING ELEVATION

DATE	APPR.	DESCRIPTION	SYM.



SUBMITTED BY: VLADIMIR CECKA
 FRM MEMBER: DATE: 6/8/12
 APPROVED: _____
 ACTIVITY - SATISFACTORY TO: _____ DATE: _____
 APPROVED: _____
 FOR COMMANDER NAVFAC: _____ DATE: _____
 DES: _____ DR: _____
 CHK: _____ QC: _____
 DESIGNER: _____
 REVIEWED BY: _____
 QC: _____
 AIC/EG: _____
 FIRE PROTECTION: NA
 BRANCH MANAGER: _____
 DESIGN DIRECTOR: _____

DEPARTMENT OF THE NAVY
 NAVAL FACILITIES ENGINEERING COMMAND
 NAVAL FACILITIES ENGINEERING COMMAND - MID-ATLANTIC
 NAVAL SUPPORT ACTIVITY - MECHANICSBURG, PA
 STRUCTURAL REPAIRS
 GROUP 2
 REPAIR SCHEDULE BUILDINGS 404 & 505

FOR OFFICIAL USE ONLY

APPROVED: _____ DATE: _____ PWO, DWG. NO. PWD-10,772
 DESIGNED T.T.E.
 OFFICER IN CHARGE _____ DRAWN R.G.S., CHKD V.C.
 REVIEWED BY: _____ DATE: _____ PWD DWG. NO. 10,772
 ENVIRON.: HD ARCH. _____
 HD STRU. _____
 HD CIVIL _____
 HD ELEC. _____
 HD MECH. _____
 FIRE DEPT. _____
 SAFETY SATISFACTORY TO: _____
 TENANT _____ DIRECTOR OF DESIGN DATE: _____

CODE ID. NO. _____ SIZE D
 SCALE: AS SHOWN
 NAVFAC DRAWING NO. 12,611,486
 SHEET 26 OF 26
 S-602