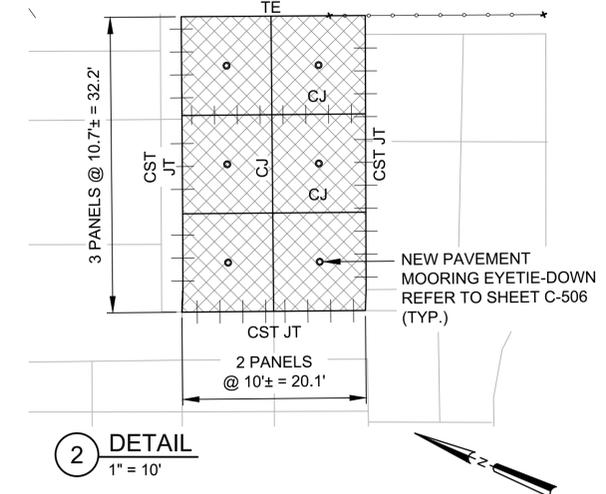
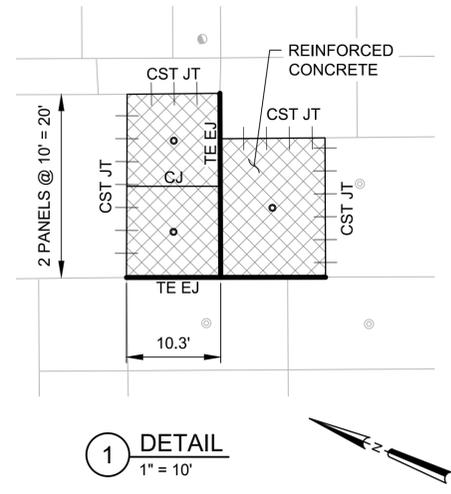
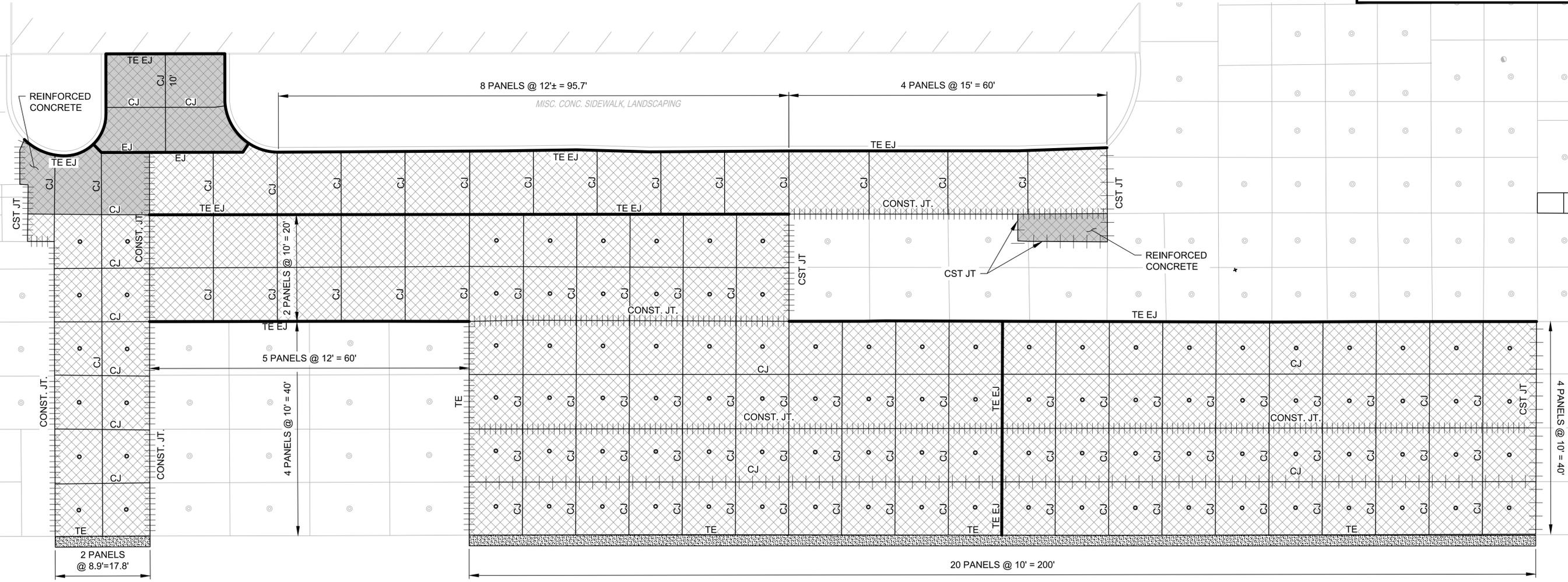


FILE NAME: P:\FBY1641-CRCL\NAS_Corpus_Christi_Airfield_Repair\20_DESIGN\40_DRAWING\CONCRETE_JOINT_LAYOUT_LAYOUT NAME: CONCRETE_JOINT_LAYOUT PLOTTED: Tuesday, June 09, 2015 - 11:46am USER: jacobsm2



CJ	CONTRACTION JOINT, DETAIL 7, SHEET C-505.
TE	THICKENED EDGE, DETAIL 1, SHT. C-508.
TE EJ	THICKENED EDGE W/ EXPANSION JOINT, DETAIL 1, SHT. C-508.
CST JT	CONSTRUCTION JOINT, DETAIL 5, SHT. C-505.
TJ	TIE JOINT, DETAIL 8, SHT. C-505.
EJ	EXPANSION JOINT, DETAIL 6, SHT. C-505.
EJ	DOWELED EXPANSION JOINT, DETAIL 3, SHT. C-505.
CJ	CONTRACTION JOINT W/ DEFORMED BARS, DETAIL 9, SHT. C-505.

NOTE:
1. SEE SHEET GI003 FOR ADDITIONAL INFORMATION ON CONCRETE JOINTS.
2. DOWEL DIA. AND TYPE PER RESPECTIVE DETAILS ON SHEET C-505.
3. MIN. 2" CLEARANCE BETWEEN DOWELS OR DEFORMED BARS OF ADJACENT JOINTS.



ISSUED FOR BID	0	DATE	8 JUN 15
DESCRIPTION			

FOR COMMANDER NAVFAC

ACTIVITY

SATISFACTORY TO DATE

DES CLM | DRW GLH | CHK HWM

PM / DM

BRANCH MANAGER

CHIEF ENG / ARCH

FIRE PROTECTION

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
SOUTHEAST
NAVAL AIR STATION JACKSONVILLE
CIBL CORE
NAS CORPUS CHRISTI
CORPUS CHRISTI, TEXAS
NAS CORPUS CHRISTI AIRFIELD REPAIRS
MAIN PARKING APRON
CONCRETE JOINT LAYOUT

SCALE: AS NOTED

PROJECT NO.:

CONSTR. CONTR. NO.:

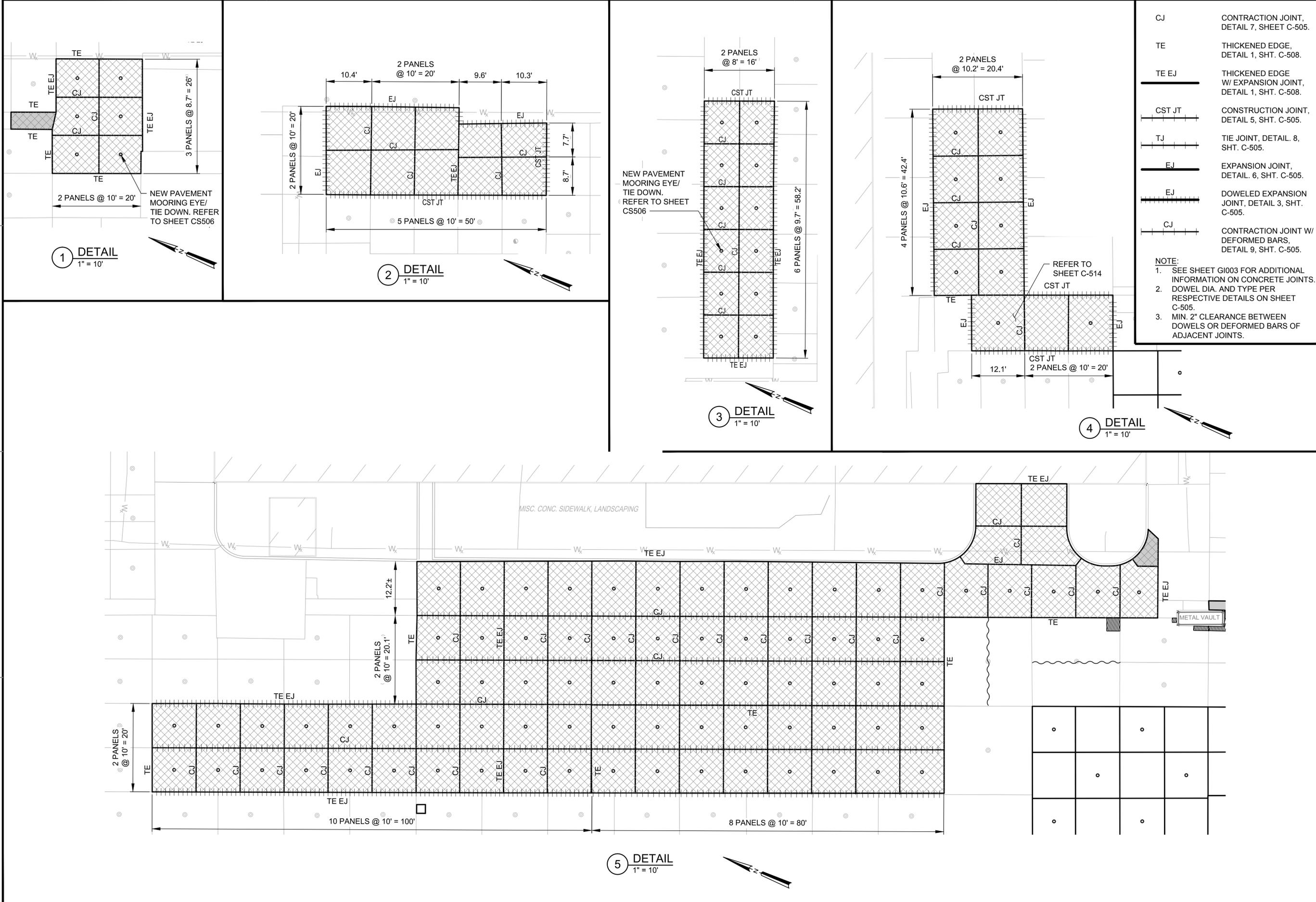
NAVFAC DRAWING NO. 15095367

SHEET 54 OF 117

C-511

DRAWFORM REVISION: 5 APRIL 2012

FILE NAME: P:\E\1641-OKV\641-OKV\2015114800_JMS_Corpus_Christi_Airfield_Repair\20_DESSA\40_CAD\C\134800-CR-C-513.dwg LAYOUT NAME: CONCRETE JOINT LAYOUT PLOTTED: Tuesday, June 09, 2015 - 11:53pm USER: jacksonjnz



CJ	CONTRACTION JOINT, DETAIL 7, SHT. C-505.
TE	THICKENED EDGE, DETAIL 1, SHT. C-508.
TE EJ	THICKENED EDGE W/ EXPANSION JOINT, DETAIL 1, SHT. C-508.
CST JT	CONSTRUCTION JOINT, DETAIL 5, SHT. C-505.
TJ	TIE JOINT, DETAIL 8, SHT. C-505.
EJ	EXPANSION JOINT, DETAIL 6, SHT. C-505.
EJ	DOWELED EXPANSION JOINT, DETAIL 3, SHT. C-505.
CJ	CONTRACTION JOINT W/ DEFORMED BARS, DETAIL 9, SHT. C-505.

NOTE:

- SEE SHEET GI003 FOR ADDITIONAL INFORMATION ON CONCRETE JOINTS.
- DOWEL DIA. AND TYPE PER RESPECTIVE DETAILS ON SHEET C-505.
- MIN. 2" CLEARANCE BETWEEN DOWELS OR DEFORMED BARS OF ADJACENT JOINTS.

ISSUED FOR BID	0	DATE	8 JUN 15
DESCRIPTION			

LEIDOS ENGINEERING, LLC
ONE WEST 3RD ST.
TULSA, OK 74103

9111 Farmer Court, Suite 100
Richmond, Virginia 23238
phone: (804) 275-8301 • fax: (804) 275-8371
www.deltairport.com
Delta Project No. 1407Z

APPROVED

FOR COMMANDER NAVFAC

ACTIVITY

SATISFACTORY TO DATE

DES CLM | DRW GLH | CHK HWM

PM / DM

BRANCH MANAGER

CHIEF ENG / ARCH

FIRE PROTECTION

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
NAVAL AIR STATION JACKSONVILLE
CIBL CORE
NAS CORPUS CHRISTI
CORPUS CHRISTI, TEXAS
NAS CORPUS CHRISTI AIRFIELD REPAIRS
MAIN PARKING APRON
CONCRETE JOINT LAYOUT

SCALE: AS NOTED

EPROJECT NO.:

CONSTR. CONTR. NO.:

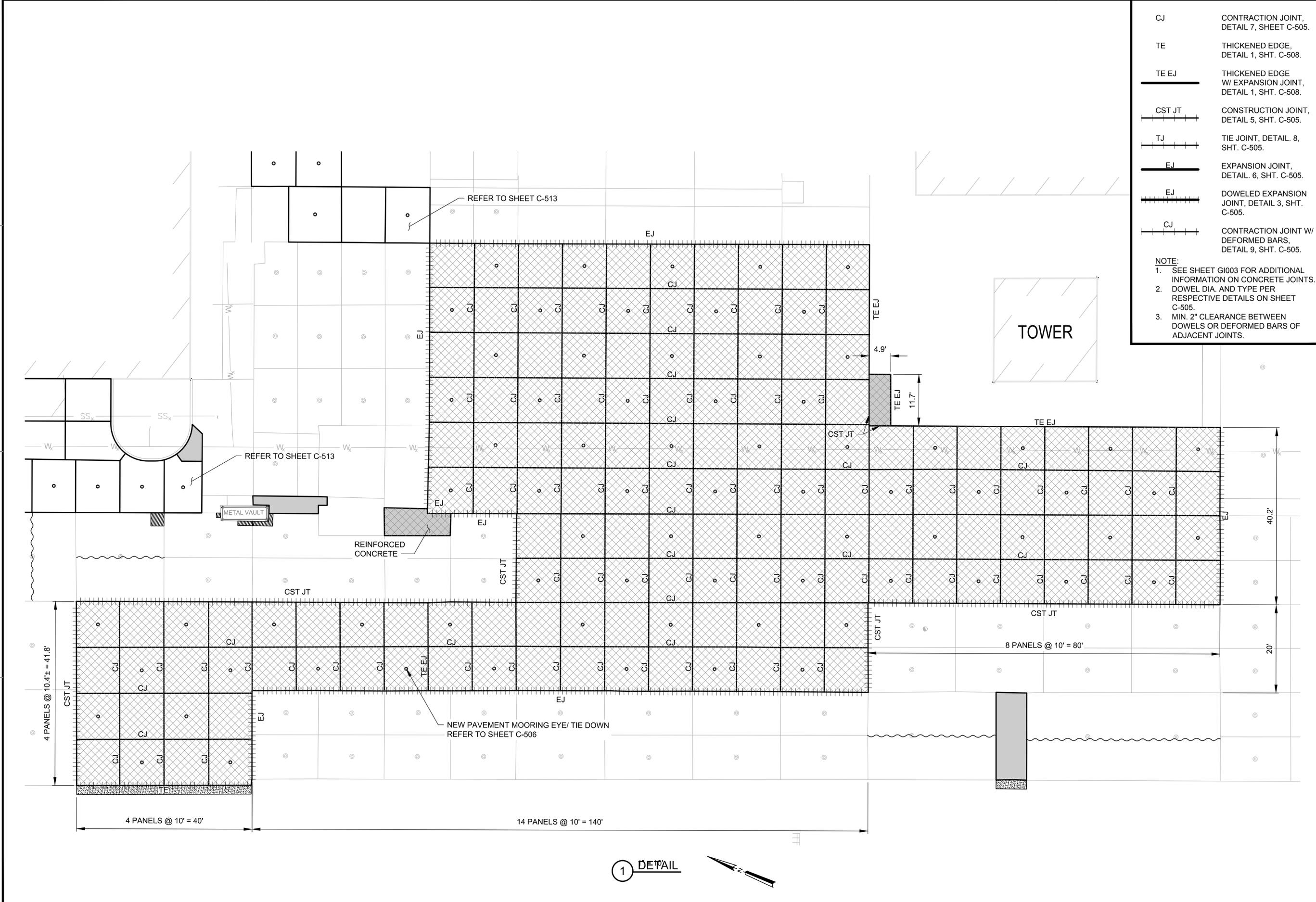
NAVFAC DRAWING NO. 15095369

SHEET 56 OF 117

C-513

DRAWFORM REVISION: 5 APRIL 2012

FILE NAME: P:\E\1641-OKC\A\201514800_JMS_Corpus_Christi_Airfield_Repair\20_DESSA\40_CAD\C\154800-CR-C-514.dwg LAYOUT NAME: CONCRETE JOINT LAYOUT PLOTTED: Tuesday, June 09, 2015 - 11:09am USER: jacksonjnz



CJ	CONTRACTION JOINT, DETAIL 7, SHEET C-505.
TE	THICKENED EDGE, DETAIL 1, SHT. C-508.
TE EJ	THICKENED EDGE W/ EXPANSION JOINT, DETAIL 1, SHT. C-508.
CST JT	CONSTRUCTION JOINT, DETAIL 5, SHT. C-505.
TJ	TIE JOINT, DETAIL 8, SHT. C-505.
EJ	EXPANSION JOINT, DETAIL 6, SHT. C-505.
EJ	DOWELED EXPANSION JOINT, DETAIL 3, SHT. C-505.
CJ	CONTRACTION JOINT W/ DEFORMED BARS, DETAIL 9, SHT. C-505.

NOTE:

- SEE SHEET GI003 FOR ADDITIONAL INFORMATION ON CONCRETE JOINTS.
- DOWEL DIA. AND TYPE PER RESPECTIVE DETAILS ON SHEET C-505.
- MIN. 2" CLEARANCE BETWEEN DOWELS OR DEFORMED BARS OF ADJACENT JOINTS.

ISSUED FOR BID	0	DATE	8 JUN 15
DESCRIPTION			

LEIDOS ENGINEERING, LLC
ONE WEST 350 ST.
TULSA, OK 74103

9711 Farmer Court, Suite 100
Richmond, Virginia 23238
phone: (804) 275-8301 • fax: (804) 275-8371
www.deltairportconsultants.com
Delta Project No. 14072-AS-PRC

APPROVED FOR COMMANDER NAVFAC

ACTIVITY

SATISFACTORY TO DATE

DES: CLM | DRW: GLH | CHK: HWM

PM / DM

BRANCH MANAGER

CHIEF ENG / ARCH

FIRE PROTECTION

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
NAVAL FACILITIES ENGINEERING SOUTHEAST
NAVAL AIR STATION JACKSONVILLE
CIBL CORE
NAS CORPUS CHRISTI
CORPUS CHRISTI, TEXAS
NAS CORPUS CHRISTI AIRFIELD REPAIRS
MAIN PARKING APRON
CONCRETE JOINT LAYOUT

SCALE: AS NOTED

PROJECT NO.: 15095370

CONSTR. CONTR. NO.

NAVFAC DRAWING NO. 15095370

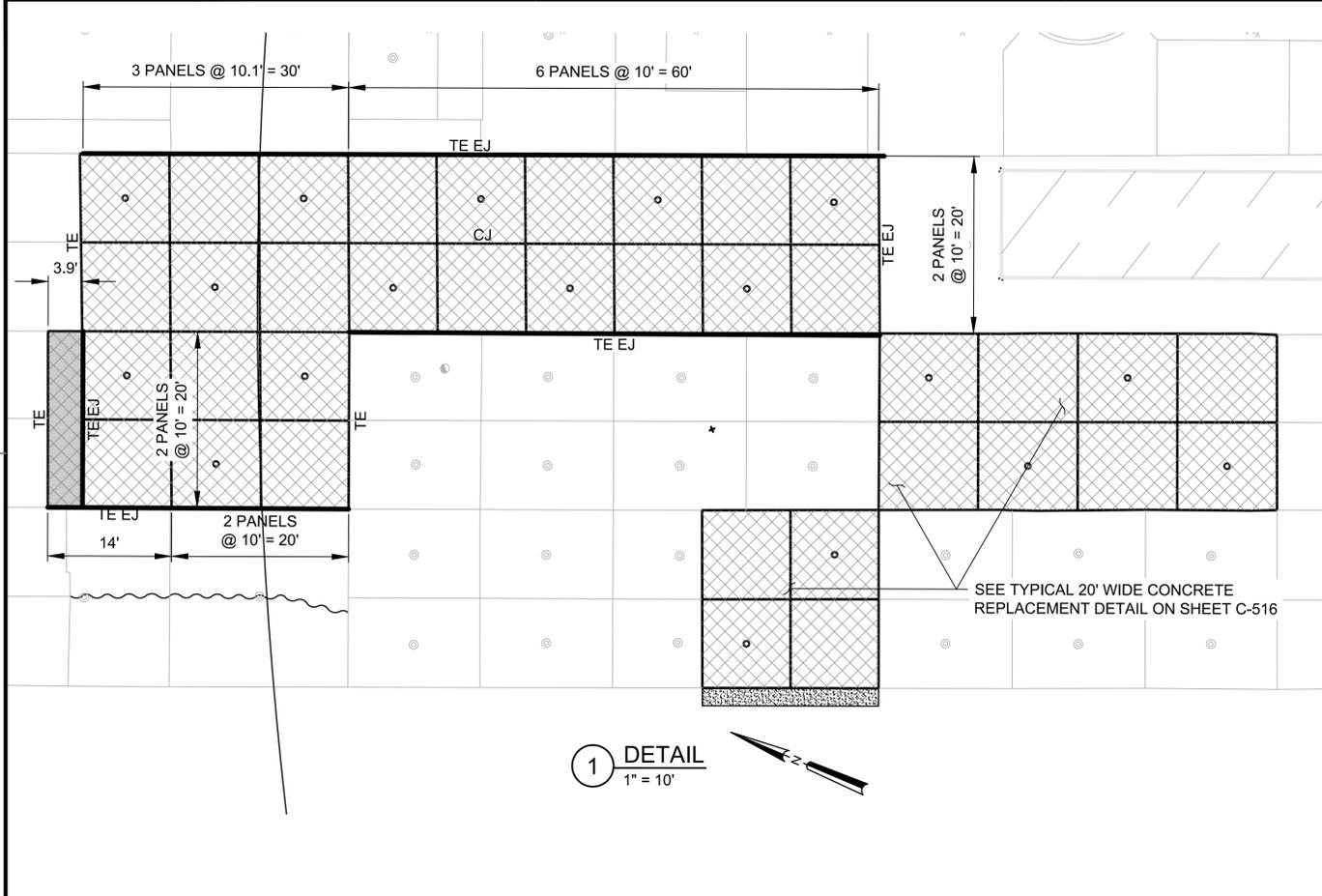
SHEET 57 OF 117

C-514

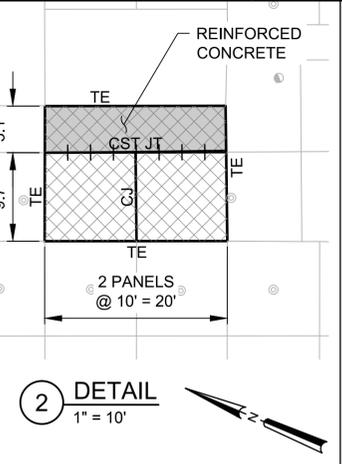
DRAWFORM REVISION: 5 APRIL 2012

1 DETAIL

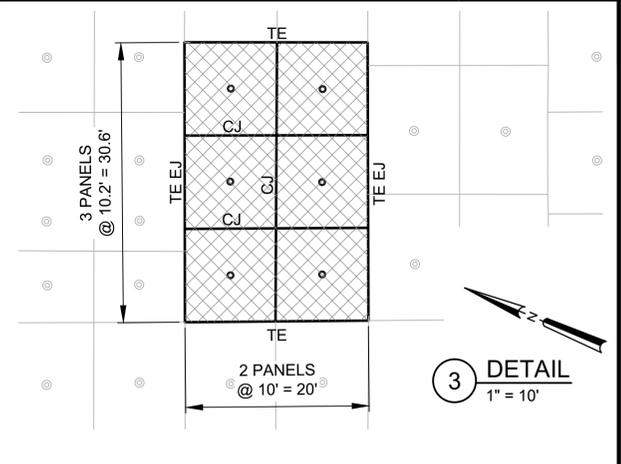
FILE NAME: P:\E\1641-OKC\REV\2015114800_JMS_Corpus_Christi_Airfield_Repair\20_DESSA\40_CAD\C\134800-CR-C-515.dwg LAYOUT NAME: CONCRETE JOINT LAYOUT PLOTTED: Tuesday, June 09, 2015 - 11:17pm USER: jacksonjm2



1 DETAIL
1" = 10'



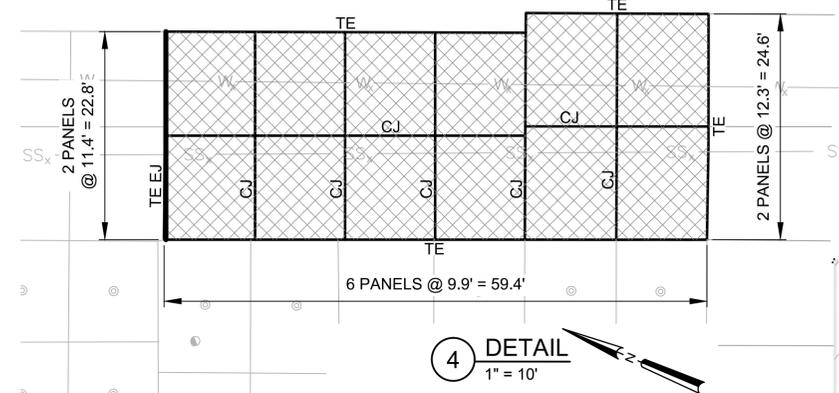
2 DETAIL
1" = 10'



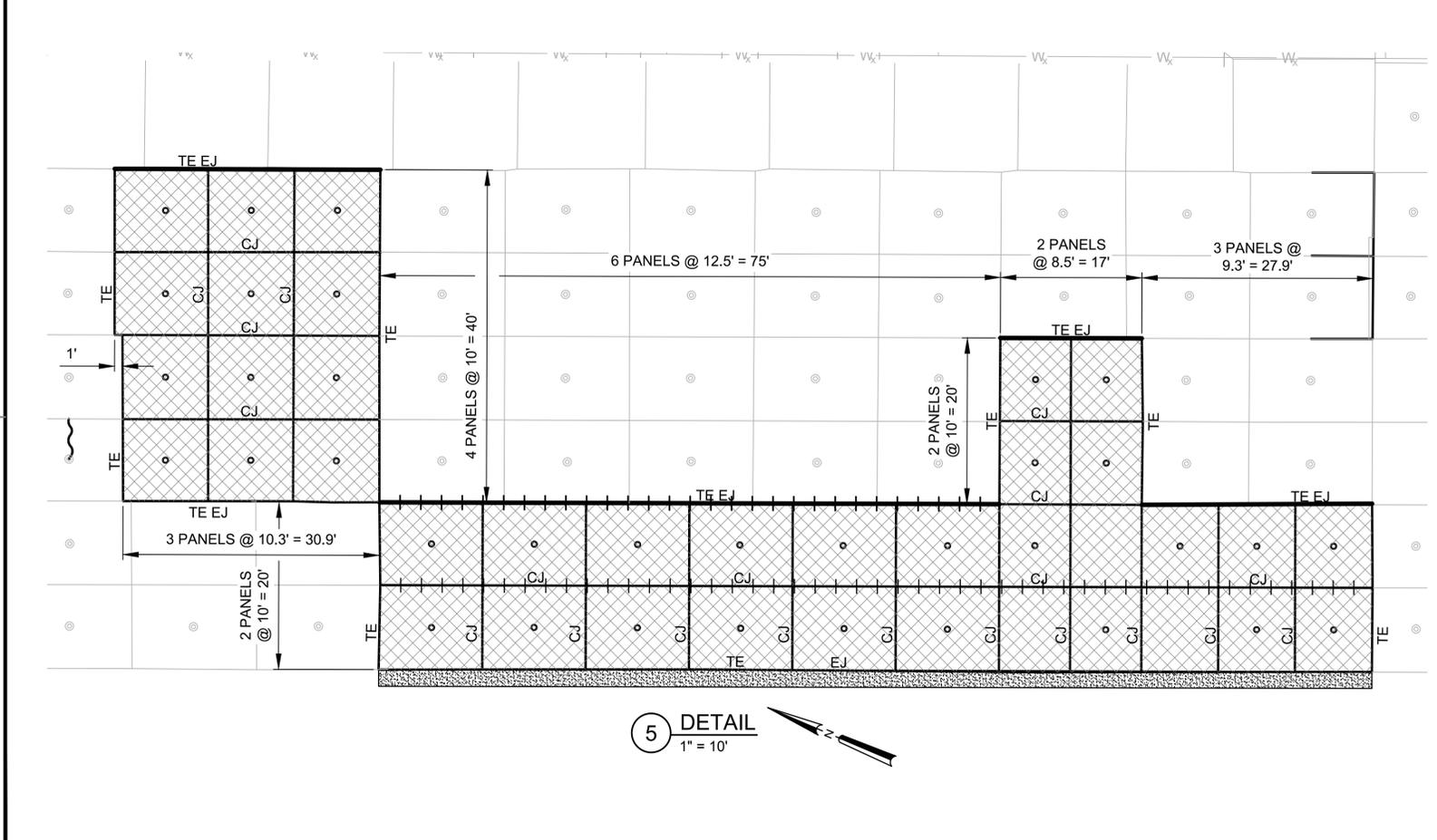
3 DETAIL
1" = 10'

CJ	CONTRACTION JOINT, DETAIL 7, SHEET C-505.
TE	THICKENED EDGE, DETAIL 1, SHT. C-508.
TE EJ	THICKENED EDGE W/ EXPANSION JOINT, DETAIL 1, SHT. C-508.
CST JT	CONSTRUCTION JOINT, DETAIL 5, SHT. C-505.
TJ	TIE JOINT, DETAIL 8, SHT. C-505.
EJ	EXPANSION JOINT, DETAIL 6, SHT. C-505.
EJ	DOWELED EXPANSION JOINT, DETAIL 3, SHT. C-505.
CJ	CONTRACTION JOINT W/ DEFORMED BARS, DETAIL 9, SHT. C-505.

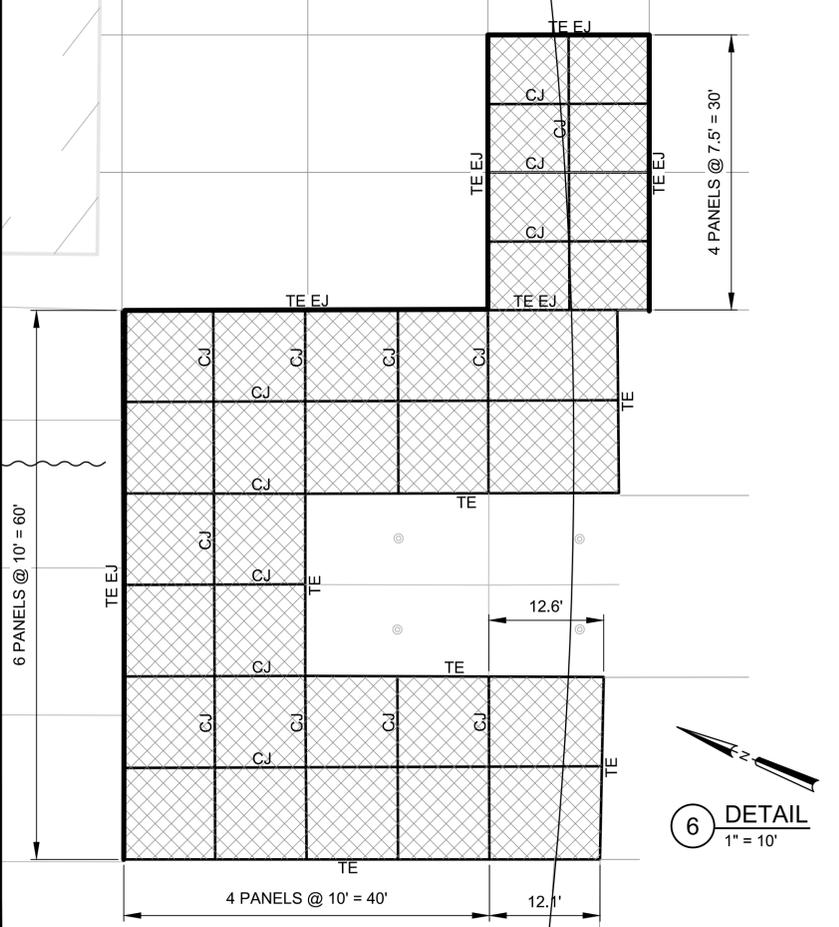
NOTE:
 1. SEE SHEET GI003 FOR ADDITIONAL INFORMATION ON CONCRETE JOINTS.
 2. DOWEL DIA. AND TYPE PER RESPECTIVE DETAILS ON SHEET C-505.
 3. MIN. 2" CLEARANCE BETWEEN DOWELS OR DEFORMED BARS OF ADJACENT JOINTS.



4 DETAIL
1" = 10'

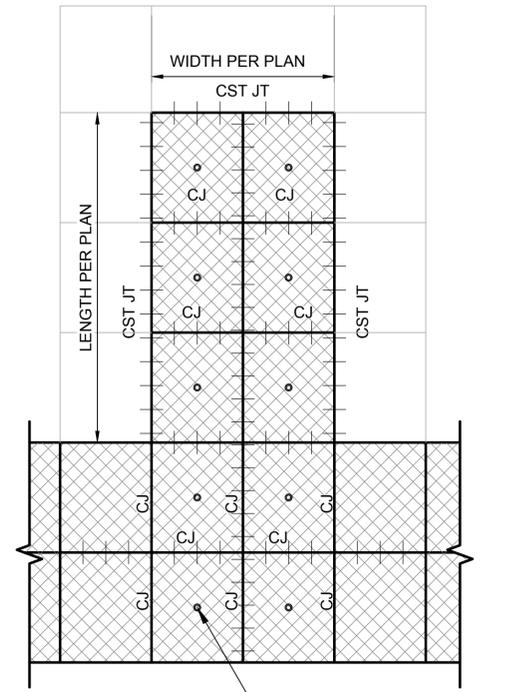


5 DETAIL
1" = 10'

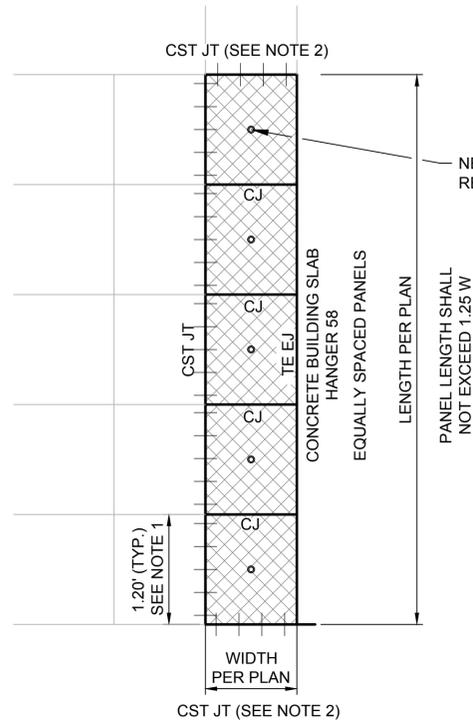


6 DETAIL
1" = 10'

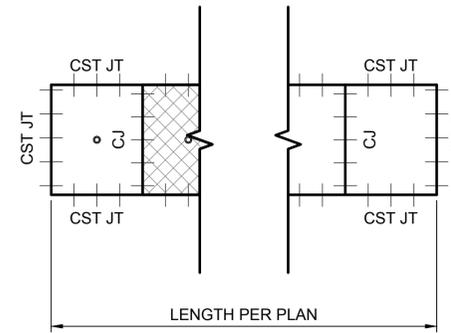
DATE	8 JUN 15
ISSUED FOR BID	0
DESCRIPTION	
APPROVED FOR COMMANDER NAVFAC ACTIVITY SATISFACTORY TO DATE DES CLM DRW GLH CHK HWM PM / DM BRANCH MANAGER CHIEF ENG / ARCH FIRE PROTECTION	
DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND SOUTHEAST NAVAL AIR STATION JACKSONVILLE CIVIL CORE NAS CORPUS CHRISTI CORPUS CHRISTI, TEXAS NAS CORPUS CHRISTI AIRFIELD REPAIRS MAIN PARKING APRON CONCRETE JOINT LAYOUT	
SCALE:	AS NOTED
PROJECT NO.:	
CONSTR. CONTR. NO.:	
NAVFAC DRAWING NO.:	15095371
SHEET	58 OF 117
C-515 DRAWFORM REVISION: 5 APRIL 2012	



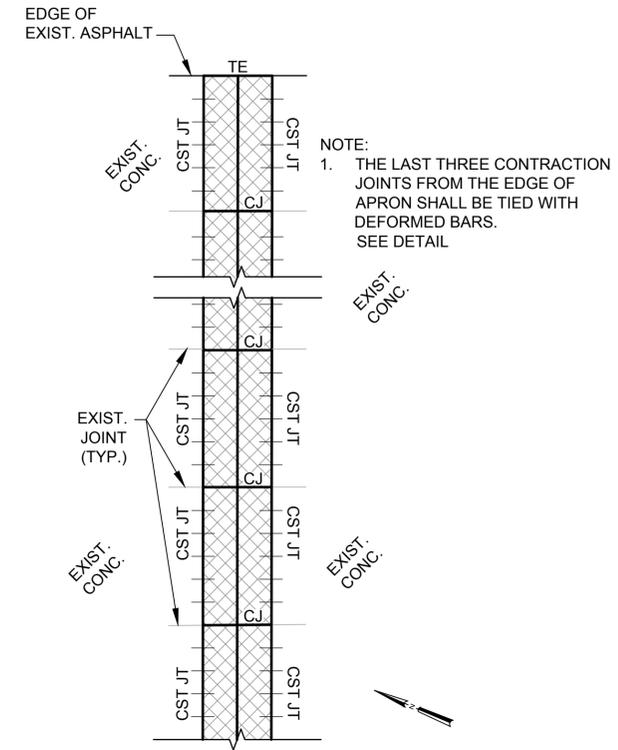
1 **DETAIL**
NOT TO SCALE



2 **TYPICAL SINGLE PANEL ADJACENT TO BUILDING**
NOT TO SCALE



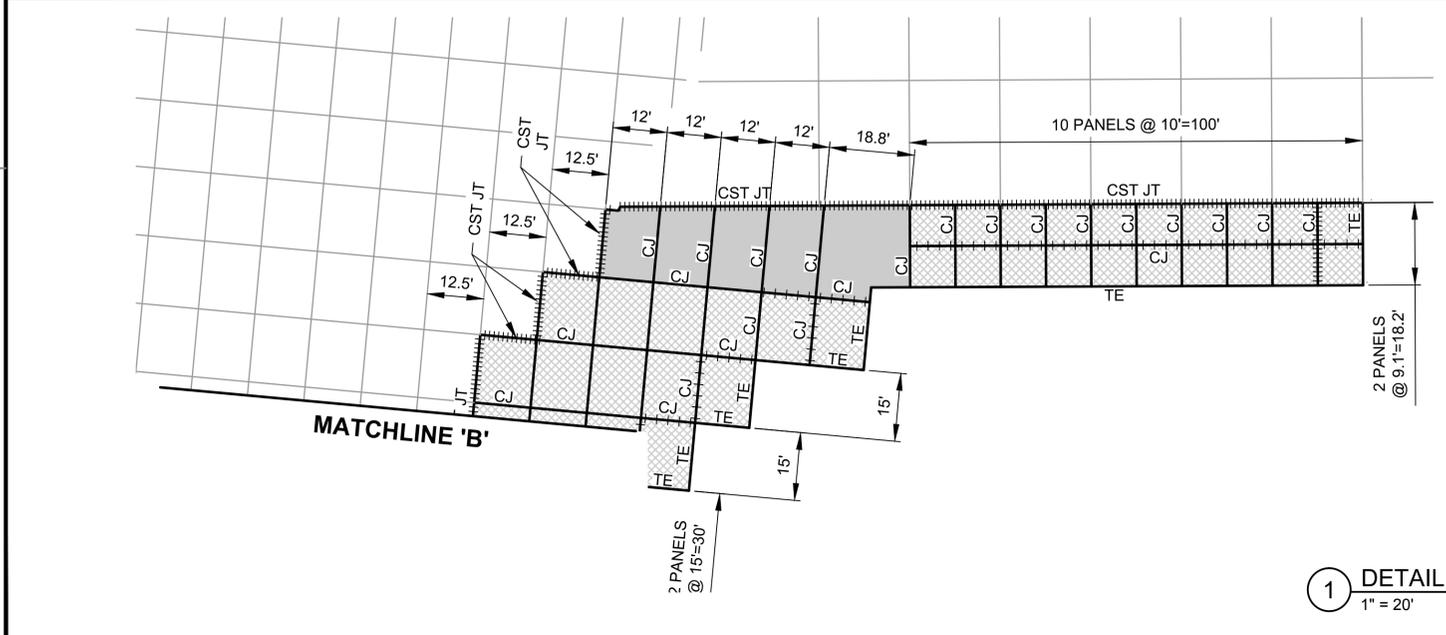
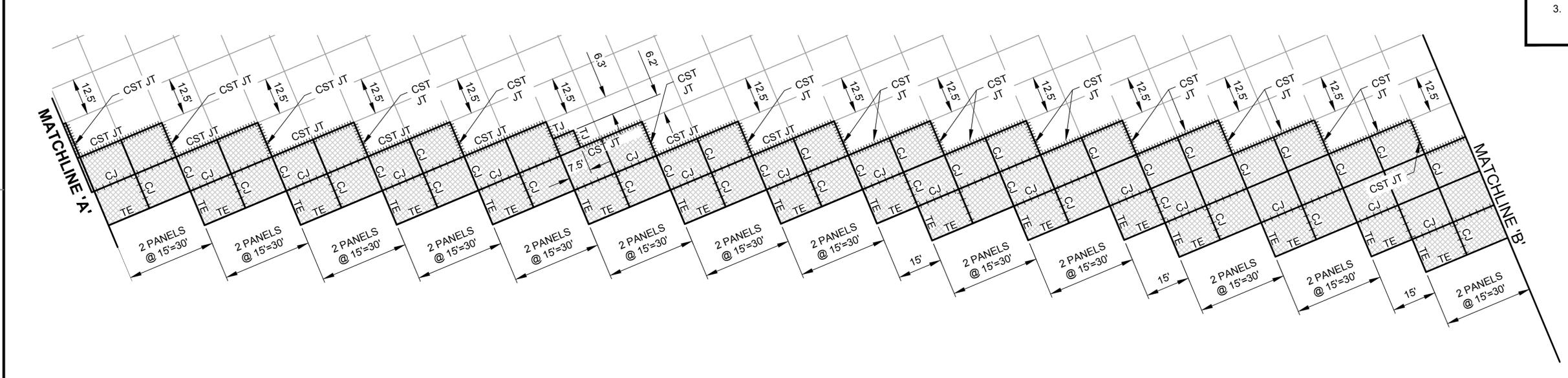
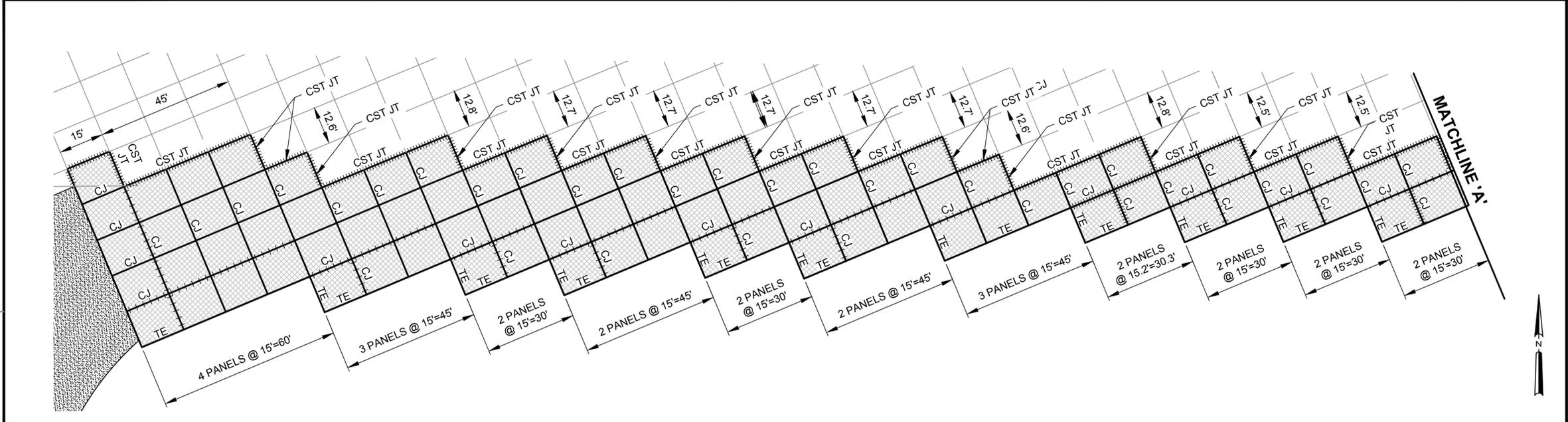
3 **TYPICAL 20' WIDE CONCRETE REPLACEMENT**
NOT TO SCALE



4 **TYPICAL 7.5' WIDE CONCRETE REPLACEMENT**
NOT TO SCALE

ISSUED FOR BID	0	DATE	8 JUN 15
DESCRIPTION			
APPROVED FOR COMMANDER NAVFAC ACTIVITY SATISFACTORY TO DATE DES CLM DRW GLH CHK HWM PM/DM BRANCH MANAGER CHIEF ENG / ARCH FIRE PROTECTION			
DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND NAVAL FACILITIES ENGINEERING COMMAND SOUTHEAST NAVAL AIR STATION JACKSONVILLE NAS CORPUS CHRISTI NAS CORPUS CHRISTI AIRFIELD REPAIRS MAIN PARKING APRON CONCRETE JOINT LAYOUT			
SCALE: AS NOTED			
PROJECT NO.:			
CONSTR. CONTR. NO.:			
NAVFAC DRAWING NO. 15095372			
SHEET 59 OF 117			
C-516 <small>DRAWING REVISION: 5 APRIL 2012</small>			

FILE NAME: P:\E\1641-OKC\REV\2015114800_JMS_Corpus_Christi_Airfield_Repair\20_DESSA\40_CAD\C\154800-CR-C-520.dwg LAYOUT NAME: CONCRETE JOINT LAYOUT PLOTTED: Tuesday, June 09, 2015 - 1:21pm USER: jacksonjnz



1 DETAIL
1" = 20'

CJ	CONTRACTION JOINT, DETAIL 7, SHEET C-505.
TE	THICKENED EDGE, DETAIL 1, SHT. C-508.
TE EJ	THICKENED EDGE W/ EXPANSION JOINT, DETAIL 1, SHT. C-508.
CST JT	CONSTRUCTION JOINT, DETAIL 5, SHT. C-505.
TJ	TIE JOINT, DETAIL 8, SHT. C-505.
EJ	EXPANSION JOINT, DETAIL 6, SHT. C-505.
EJ	DOWELED EXPANSION JOINT, DETAIL 3, SHT. C-505.
CJ	CONTRACTION JOINT W/ DEFORMED BARS, DETAIL 9, SHT. C-505.

NOTE:
 1. SEE SHEET GI003 FOR ADDITIONAL INFORMATION ON CONCRETE JOINTS.
 2. DOWEL DIA. AND TYPE PER RESPECTIVE DETAILS ON SHEET C-505.
 3. MIN. 2" CLEARANCE BETWEEN DOWELS OR DEFORMED BARS OF ADJACENT JOINTS.

APPROVED FOR BID	DATE
0	8 JUN 15

LEIDOS ENGINEERING, LLC
ONE WEST 390 ST.
TULSA, OK 74103

9711 Farmer Court, Suite 100
Richmond, Virginia 23238
phone: (804) 275-8301 • fax: (804) 275-8371
www.deltairport.com
Delta Project No. 14072

APPROVED FOR COMMANDER NAVFAC

ACTIVITY

SATISFACTORY TO DATE

DES CLM | DRW JMJ | CHK HWM

PM / DM

BRANCH MANAGER

CHIEF ENG / ARCH

FIRE PROTECTION

DEPARTMENT OF THE NAVY
 NAVAL FACILITIES ENGINEERING COMMAND
 NAVAL FACILITIES ENGINEERING COMMAND SOUTHEAST
 NAVAL AIR STATION JACKSONVILLE
 CIBL CORE
 NAS CORPUS CHRISTI
 NAS CORPUS CHRISTI AIRFIELD REPAIRS
 MAIN PARKING APRON
 CONCRETE JOINT LAYOUT

SCALE: AS NOTED

EPROJECT NO.: 15095376

CONSTR. CONTR. NO.

NAVFAC DRAWING NO. 15095376

SHEET 63 OF 117

C-520

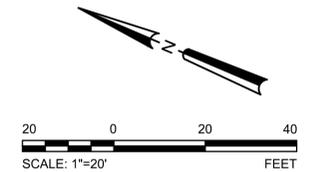
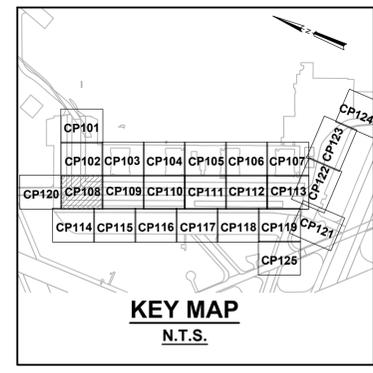
DRAWFORM REVISION: 5 APRIL 2012

FILE NAME: P:\EVT\641-01C\REV\201114800_MNS_Corpus_Christi_Airfield_Repair\20_DESSAN_V0_CADD\C\134800-08-CP108.dwg LAYOUT NAME: STRIPING PLAN SHEET 8 OF 25 PLOTTED: Tuesday, June 09, 2015 - 1:32pm USER: jacobojm2

MATCHLINE SHEET CP120

MATCHLINE SHEET CP102

MATCHLINE SHEET CP114



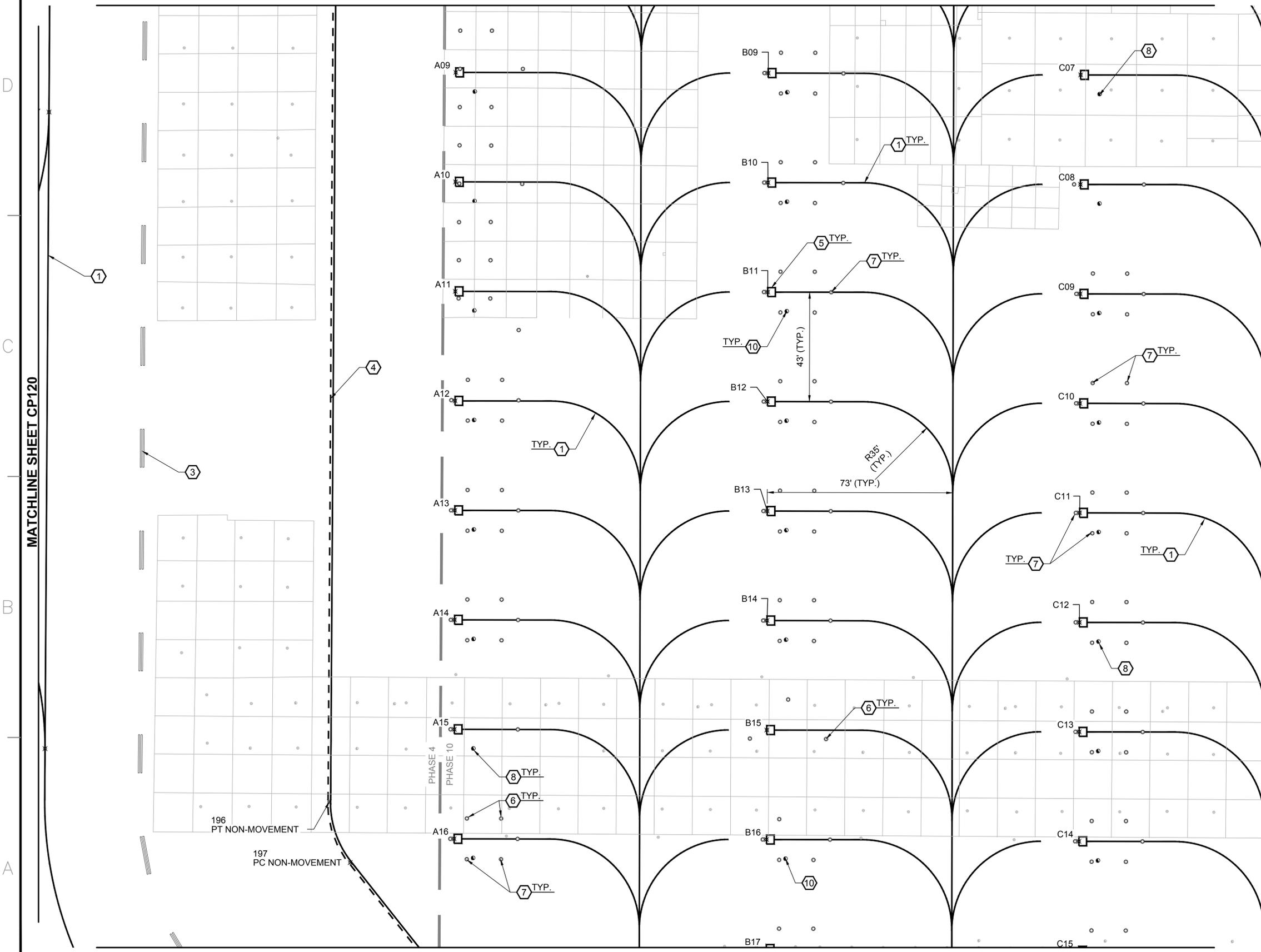
NOTES:

- SEE SHEET NO. G1003 FOR GENERAL NOTES AND LEGEND.
- ALL STRIPING AND SHALL BE IAW THE U.S. DEPT. OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION STDS. FOR AIRPORT MARKINGS, AC NO. 150/5340-1K (CURRENT STANDARD AT TIME OF BID), NAVAIR 51-50AAA LATEST EDITION, AND SPECIFICATION SECTION 32 17 23.
- REPAIR ALL DAMAGE CAUSED BY PAINT REMOVAL OPERATIONS (I.E. JOINT SEALANT DAMAGE) TO PRECONSTRUCTION CONDITIONS OR BETTER.
- SEE SHEETS CP201 AND CP202 FOR PAVEMENT STRIPING COORDINATE TABLES.
- STRIPING SHOWN IS FOR ULTIMATE CONDITIONS. CONSTRUCTION OF SUBSEQUENT AIRFIELD IMPROVEMENTS IS UNKNOWN, THEREFORE THE CONTRACTOR MAY BE REQUIRED TO MAKE FIELD ADJUSTMENTS TO MATCH EXISTING STRIPING.

KEY NOTES:

- TAXIWAY/TAXILANE CENTERLINE STRIPING, 6" WIDE, YELLOW WITH BLACK OUTLINE (ON PCC ONLY) IAW FAA AC 150/5340 (CURRENT EDITION AT TIME OF BID), LATEST EDITION OF NAVAIR 51-50AAA, AND SPECIFICATION SECTION 32 17 23. SEE DETAIL 4 ON SHEET C-501.
- TAXILANE EDGE POSITION STRIPING, (2) 15' LONG YELLOW LINES DASHED AND SPACED AT 25', EACH WITH BLACK OUTLINE (ON PCC ONLY) IAW FAA AC 150/5340 (CURRENT EDITION AT TIME OF BID), LATEST EDITION OF NAVAIR 51-50AAA, AND SPECIFICATION SECTION 32 17 23. SEE DETAIL 4 ON SHEET C-501.
- NON-MOVEMENT BOUNDARY STRIPING, 12" WIDE, 3' SHORT YELLOW LINES DASHED AND SPACED AT 3', EACH WITH BLACK OUTLINE (ON PCC ONLY) IAW FAA AC 150/5340 (CURRENT EDITION AT TIME OF BID), LATEST EDITION OF NAVAIR 51-50AAA, AND SPECIFICATION SECTION 32 17 23. SEE DETAIL 1 ON SHEET C-501.
- T-6 NOSEWHEEL MARKING. SEE SHT. C-502.
- CONST. AIRCRAFT TIE-DOWN IN EXIST. CONCRETE PAVEMENT. REFER TO SHEET C-506 AND C-502.
- CONST. AIRCRAFT TIE-DOWN IN EXIST. ASPHALT PAVEMENT. REFER TO SHEET C-509 AND C-502.
- CONST. AIRCRAFT STATIC GROUND IN EXIST. CONC. PVM.T. REFER TO SHT. C-507 AND C-502.
- CONST. AIRCRAFT STATIC GROUND IN EXIST. ASPH. PVM.T. REFER TO SHEET C-507 AND C-502.

MATCHLINE SHEET CP109



ISSUED FOR BID	0	DATE	8 JUN 15
DESCRIPTION			

9711 Farnes Court, Suite 100
Richmond, Virginia 23238
phone: (804) 275-8301 • fax: (804) 275-8371
www.deltairport.com • email: info@deltairport.com
Delta Project No. 14072_AE_080

APPROVED FOR COMMANDER NAVFAC

ACTIVITY

SATISFACTORY TO DATE

DES: CLM | DRW: JMJ | CHK: HWM

PM / DM

BRANCH MANAGER

CHIEF ENG / ARCH

FIRE PROTECTION

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
NAVAL AIR STATION JACKSONVILLE
CIBL CORE
NAS CORPUS CHRISTI, TEXAS
CORPUS CHRISTI, TEXAS
NAS CORPUS CHRISTI AIRFIELD REPAIRS
MAIN PARKING APRON
STRIPING PLAN SHEET 8 OF 25

SCALE: AS NOTED

PROJECT NO.: 15095384

CONSTR. CONTR. NO.

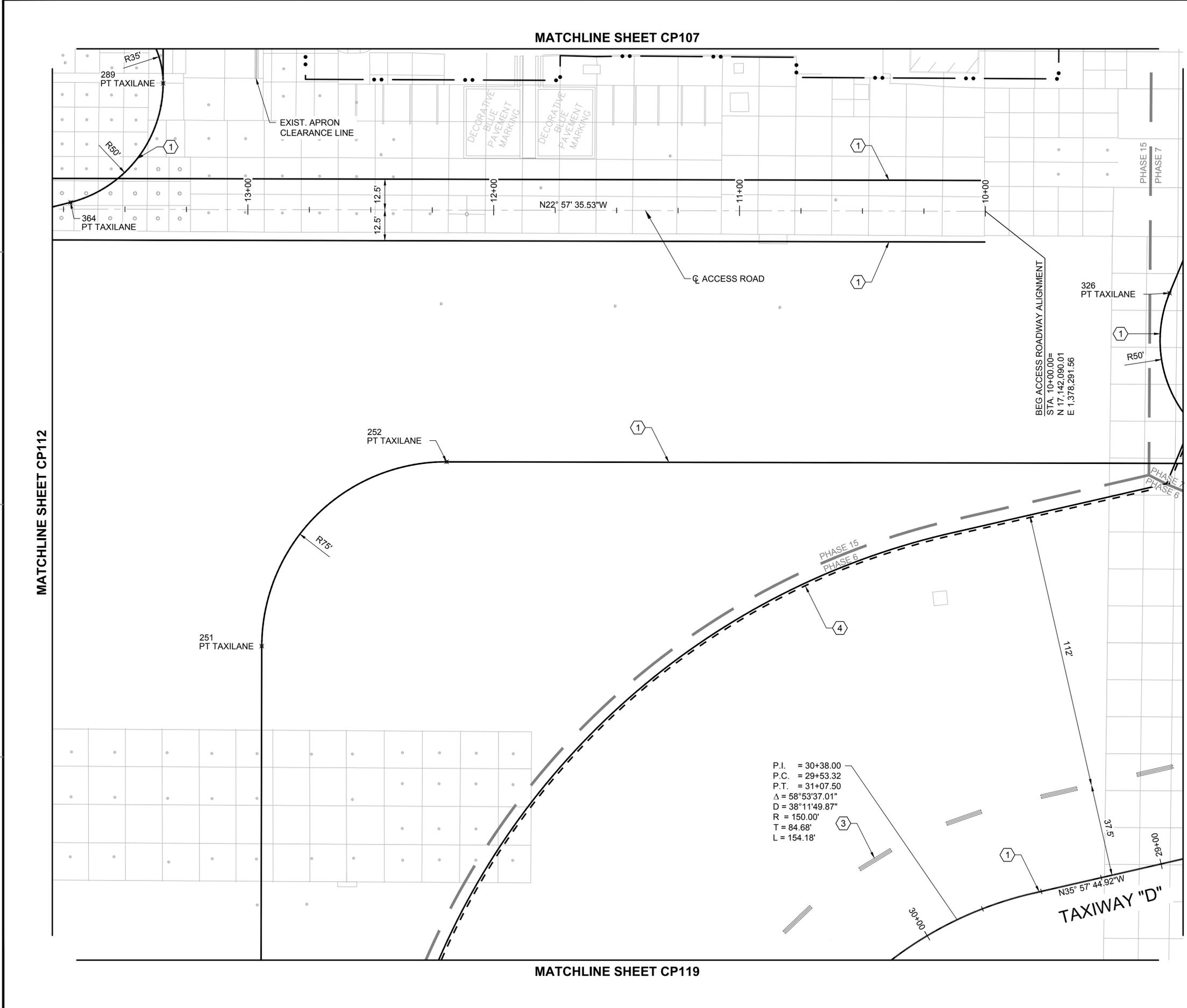
NAVFAC DRAWING NO. 15095384

SHEET 71 OF 117

CP108

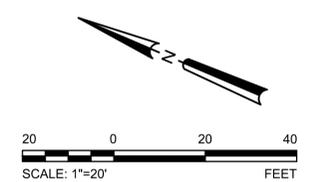
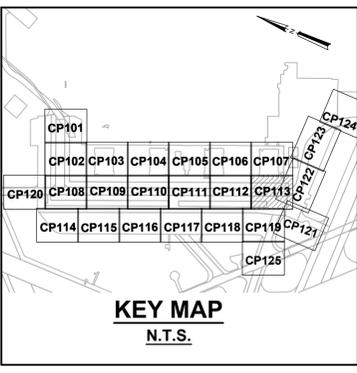
DRAWFORM REVISION: 5 APRIL 2012

FILE NAME: P:\E\1641-OKC\REV\201114800_JMS_Corpus_Christi_Airfield_Repair\20_DESSA\40_CAD\C\134800-08-CP113.dwg LAYOUT NAME: STRIPING PLAN SHEET 13 OF 25 PLOTTED: Tuesday, June 09, 2015 - 1:39pm USER: jacksonj2



P.I. = 30+38.00
P.C. = 29+53.32
P.T. = 31+07.50
 $\Delta = 58^\circ 53' 37.01''$
 $D = 38^\circ 11' 49.87''$
 $R = 150.00'$
 $T = 84.68'$
 $L = 154.18'$

BEG ACCESS ROADWAY ALIGNMENT
STA. 10+00.00 =
N 17.142,090.01
E 1,378,291.56



- NOTES:**
- SEE SHEET NO. G1003 FOR GENERAL NOTES AND LEGEND.
 - ALL STRIPING SHALL BE IAW THE U.S. DEPT. OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION STDS. FOR AIRPORT MARKINGS, AC NO. 150/5340-1K (CURRENT STANDARD AT TIME OF BID), NAVAIR 51-50AAA LATEST EDITION, AND SPECIFICATION SECTION 32 17 23.
 - REPAIR ALL DAMAGE CAUSED BY PAINT REMOVAL OPERATIONS (I.E. JOINT SEALANT DAMAGE) TO PRECONSTRUCTION CONDITIONS OR BETTER.
 - SEE SHEETS CP201 AND CP202 FOR PAVEMENT STRIPING COORDINATE TABLES.
 - STRIPING SHOWN IS FOR ULTIMATE CONDITIONS. CONSTRUCTION OF SUBSEQUENT AIRFIELD IMPROVEMENTS IS UNKNOWN, THEREFORE THE CONTRACTOR MAY BE REQUIRED TO MAKE FIELD ADJUSTMENTS TO MATCH EXISTING STRIPING.

- KEY NOTES:**
- TAXIWAY/TAXILANE CENTERLINE STRIPING, 6" WIDE, YELLOW WITH BLACK OUTLINE (ON PCC ONLY) IAW FAA AC 150/5340 (CURRENT EDITION AT TIME OF BID), LATEST EDITION OF NAVAIR
 - TAXILANE EDGE POSITION STRIPING, (2) 15' LONG YELLOW LINES DASHED AND SPACED AT 25', EACH WITH BLACK OUTLINE (ON PCC ONLY) IAW FAA AC 150/5340 (CURRENT EDITION AT TIME OF BID), LATEST EDITION OF NAVAIR 51-50AAA, AND SPECIFICATION SECTION 32 17 23. SEE DETAIL 4 ON SHEET C-501.
 - NON-MOVEMENT BOUNDARY STRIPING, 12" WIDE, 3' SHORT YELLOW LINES DASHED AND SPACED AT 3', EACH WITH BLACK OUTLINE (ON PCC ONLY) IAW FAA AC 150/5340 (CURRENT EDITION AT TIME OF BID), LATEST EDITION OF NAVAIR 51-50AAA, AND SPECIFICATION SECTION 32 17 23. SEE DETAIL 1 ON SHEET C-501.

ISSUED FOR BID	0	DATE	8 JUN 15
DESCRIPTION			

APPROVED FOR COMMANDER NAVFAC

ACTIVITY

SATISFACTORY TO DATE

DES: CLM | DRW: JMJ | CHK: HWM

PM / DM

BRANCH MANAGER

CHIEF ENG / ARCH

FIRE PROTECTION

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
NAVAL AIR STATION JACKSONVILLE
CIBL CORE
NAS CORPUS CHRISTI
CORPUS CHRISTI, TEXAS
NAS CORPUS CHRISTI AIRFIELD REPAIRS
MAIN PARKING APRON
STRIPING PLAN SHEET 13 OF 25

SCALE: AS NOTED

PROJECT NO.: 15095389

CONSTR. CONTR. NO.

NAVAFAC DRAWING NO. 76 OF 117

CP113

DRAWFORM REVISION: 5 APRIL 2012