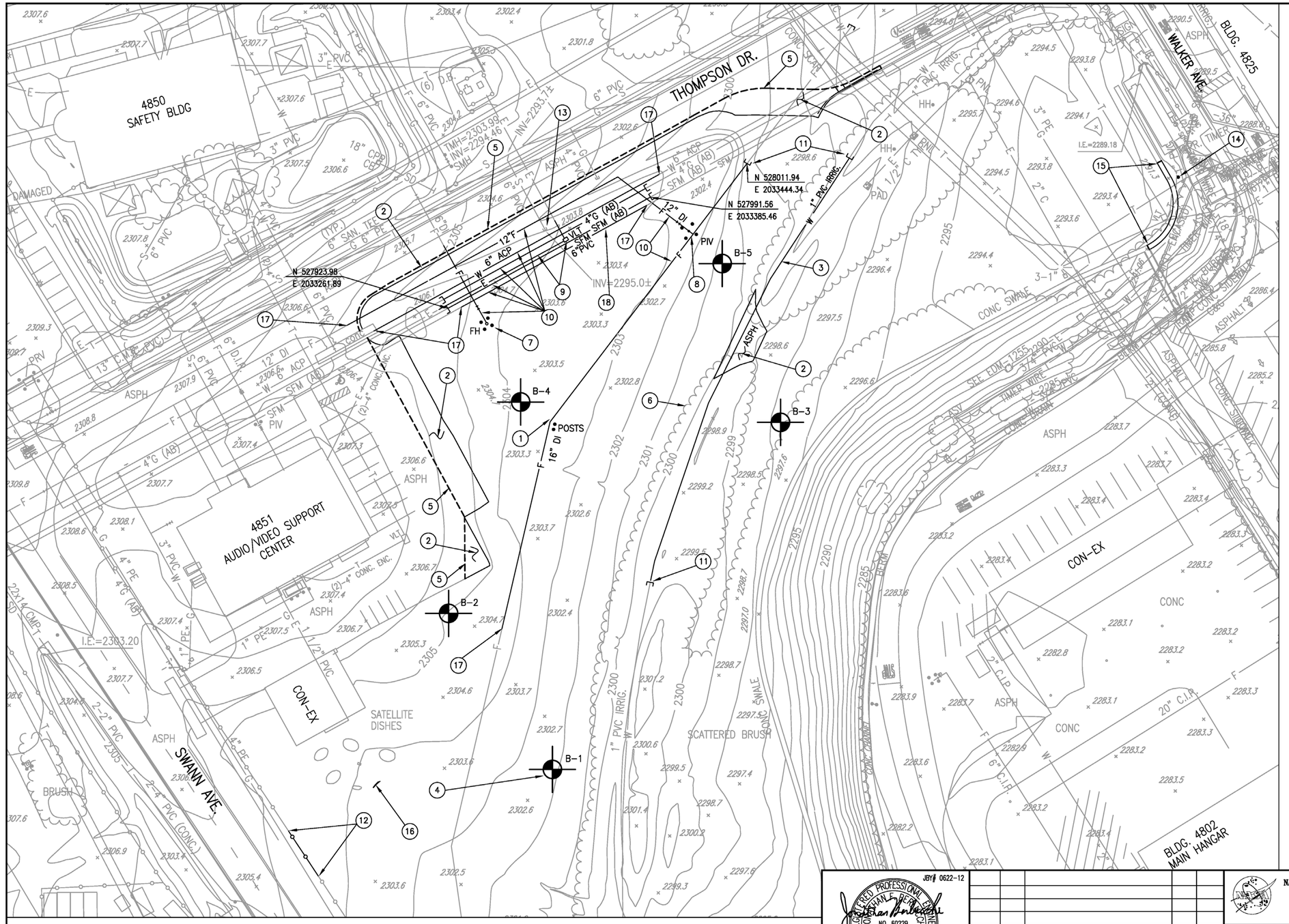

DEMOLITION PLAN #1

SCALE 1" = 30'

GRAPHIC SCALE: 1" = 30'

30' 0 30' 60' 90'

(XX) NOTES:

1) REMOVE AND DISPOSE OF EXST METAL POSTS.
2) REMOVE AND DISPOSE OF ASPHALT PAVEMENT.
3) REMOVE AND DISPOSE OF 1" IRRIGATION LINE.
4) APPROXIMATE SOIL BORING LOCATION, SEE DRAWING C-1.2 & 1.3 FOR LOGS.
5) SAWCUT LINE
6) REMOVE AND DISPOSE OF ALL VEGETATION WITHIN THE LIMITS OF WORK. SEE LIMITS OF WORK LINE ON DRAWING C-9.1.
7) REMOVE AND DISPOSE OF GUARD POSTS AND FIRE HYDRANT
8) REMOVE AND DISPOSE OF GUARD POSTS AND POST INDICATOR
9) REMOVE AND DISPOSE OF PORTION OF EXST U/G CONDUIT & CONDUCTORS. REMOVE AND SALVAGE VAULT. SEE ELECTRICAL DRAWINGS FOR RELOCATION NOTES.
10) REMOVE AND DISPOSE OF U/G UTILITY PIPE.
11) CAP EXISTING U/G PIPE (TYP), SEE DETAIL 1 / C-2.1 | C-8.1
12) REMOVE AND DISPOSE OF EXST CHAIN LINK FENCING AND PREPARE FOR NEW GATE.
13) CONTRACTOR SHALL POTHOLE EXST SEWER PIPE LATERAL AND MEASURE & RECORD PIPE END INVERT BEFORE CONSTRUCTION. CONTRACTOR SHALL INFORM THE CONTRACTING OFFICER OF THE INVERT ELEVATION BEFORE CONSTRUCTION.
14) REMOVE, SALVAGE, AND RELOCATE METAL SIGN AND POST, SEE DWG C-7.1.
15) SAWCUT, REMOVE, AND DISPOSE SECTION OF CONCRETE SWALE.
17) SEE DRAWING C-4.1 FOR EXACT LOCATION OF SFM, FIRE WATER, AND POTABLE WATER PIPE CUTTING AND POINT OF CONNECTION..
18) LIVE SEWER FORCE MAIN SHALL REMAIN IN SERVICE AT ALL TIMES DURING DRYDEN WORKING HOURS OF 6AM TO 5PM, MONDAY THRU FRIDAY.

LEGEND:

———— – DEMOLISH, REMOVE & DISPOSE OF ITEM
———— – EXISTING ITEM TO REMAIN
– – – – – – NEW SAWCUT LINE

GENERAL NOTES:

1) REMOVE AND RECYCLE ALL DEMOLITION DEBRIS AT NO ADDITIONAL COST TO THE GOVERNMENT.
2) UTILITY TRENCH PAVEMENT DEMOLITION NOT SHOWN ON C-2.1 & C-2.2 DEMOLITION PLANS, SEE UTILITY DRAWINGS.

JBY# 0622-12

REGISTERED PROFESSIONAL ENGINEER
JONATHAN BERKOWITZ
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DATE	SYM	REVISION	BY	A'PD

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
DRYDEN FLIGHT RESEARCH CENTER
EDWARDS, CA

DRAWING TITLE
DEMOLITION PLAN #1

PROJECT TITLE
8-18-11
FACILITIES SUPPORT CENTER
100% FINAL DESIGN SUBMITTAL

APPROVALS	DATE
Chief, Facilities Engineering & Asset Mgmt. Office DAN CROWLEY	8-18-11
Project Requestor/Customer DAN CROWLEY	8-18-11
Facilities Project Manager GEMMA FLORES	8-18-11
Chief, Office of Protective Services JOHN ZELLMER	8-18-11
Chief – Safety, Health and Environmental Office DAN MULLEN	8-18-11
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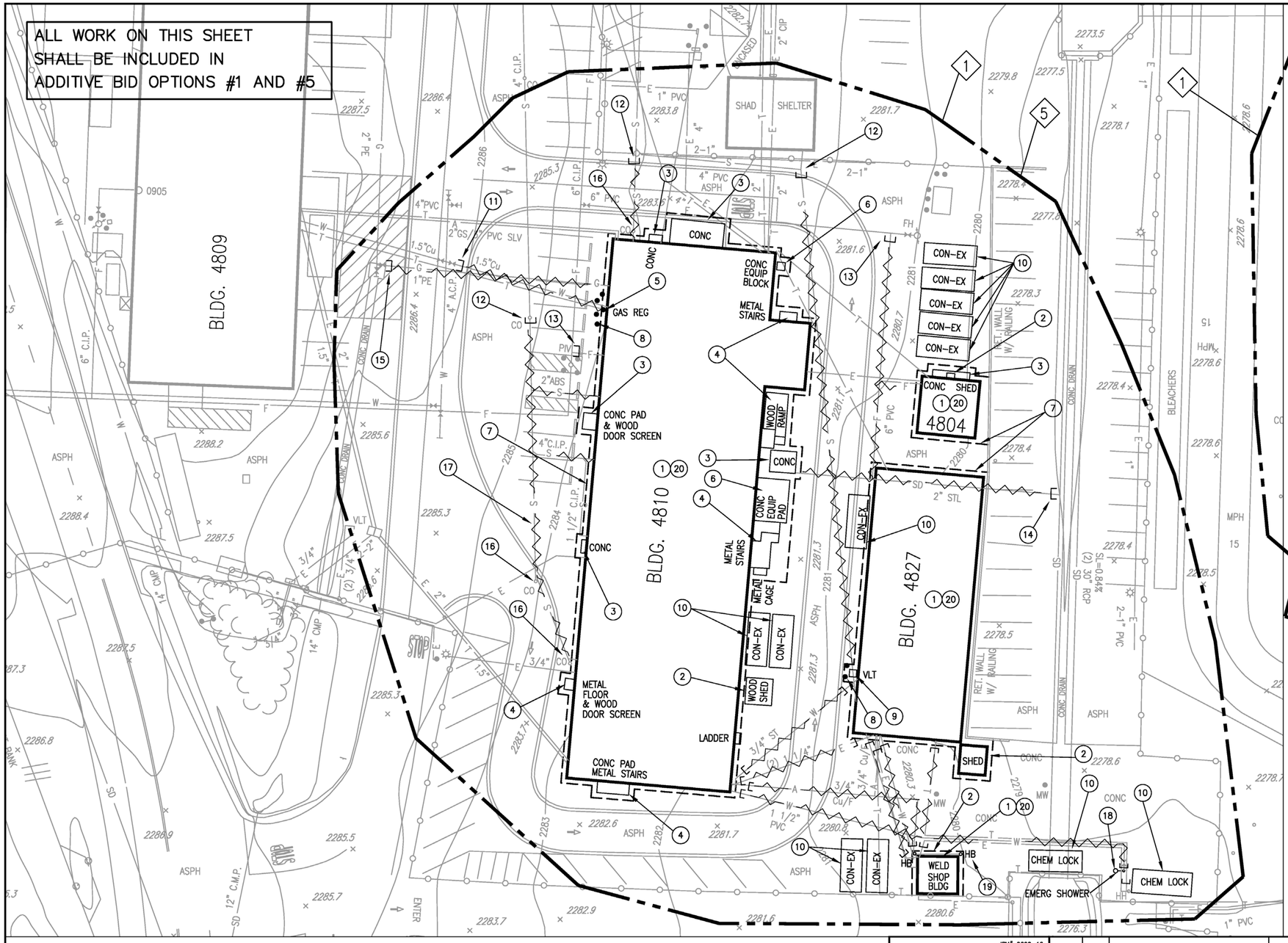
SCALE	AS NOTED	DRAWING No. C-2.1	
FILE NAME		SHEET No. 6 of 195	

ALL WORK ON THIS SHEET SHALL BE INCLUDED IN ADDITIVE BID OPTIONS #1 AND #5



XX NOTES:

1) COMPLETELY DEMOLISH, REMOVE, & DISPOSE OF BUILDINGS 4810, 4827, 4804, & WELD SHOP CONCRETE FOUNDATIONS AND SLABS TO REMAIN. ALL UTILITY PENETRATIONS SHALL BE CUT FLUSH WITH SLAB AND PLUGGED WITH CONCRETE.
2) COMPLETELY DEMOLISH, REMOVE, & DISPOSE OF SHED & CONC FOUNDATION.
3) REMOVE AND DISPOSE OF CONC PAD.
4) REMOVE AND DISPOSE OF STAIRS, RAMPS, & DOOR SCREENS.
5) REMOVE AND DISPOSE OF NATURAL GAS REGULATOR.
6) REMOVE AND DISPOSE OF MECH & ELECT EQUIPMENT & CONC FOUNDATIONS.
7) PAVEMENT SAWCUT LINE. REMOVE AND DISPOSE OF ASPHALT / CONC PAVEMENT.
8) REMOVE AND DISPOSE OF GUARD POST (TYP).
9) REMOVE AND DISPOSE OF VAULT.
10) REMOVE, SALVAGE, AND RELOCATE EXISTING CON-EX BOXES & CHEMICAL LOCKERS. MOVE 10 TO BLDG 4851 AREA (SEE DRAWING C-3.3) AND MOVE 2 TO FSC BLDG AREA (SEE DRAWING C-3.1) PER CONTRACTING OFFICERS DIRECTION.
11) CUT & CAP EXISTING WATER LINE AT VALVE. CLOSE VALVE, SEE DETAIL 1 C-2.2 | C-8.1 REMOVE AND DISPOSE OF VALVE WELL AND CONC COLLAR. REPAIR PAVEMENT TO MATCH EXISTING.
12) CUT & CAP EXISTING SEWER PIPE AT BEND OR CLEANOUT, SEE DETAIL 1 C-2.2 | C-8.1 REPAIR PAVEMENT TO MATCH EXISTING.
13) CUT & CAP EXISTING FIRE WATER PIPE AT TEE, SEE DETAIL 1 C-2.2 | C-8.1 REPAIR PAVEMENT TO MATCH EXISTING.
14) CUT & CAP EXISTING ROOF DRAIN PIPE AT STORM DRAIN PIPE MAIN, SEE DETAIL 1 C-2.2 | C-8.1 REPAIR PAVEMENT TO MATCH EXISTING.
15) CUT & CAP EXISTING NATURAL GAS PIPE AT VALVE. CLOSE VALVE. REPAIR PAVEMENT TO MATCH EXISTING.
16) CUT & CAP EXISTING SEWER CLEANOUT A MINIMUM OF 24" BELOW FINISHED GRADE. REMOVE AND DISPOSE OF PIPE RISER AND CONC COLLAR. REPAIR PAVEMENT TO MATCH EXISTING.
SEE DETAIL 1 C-2.2 | C-8.1
17) ABANDON EXISTING U/G UTILITY PIPE IN PLACE.
18) REMOVE AND DISPOSE OF EMERGENCY SHOWER AND PIPE RISER. PLUG WATER PIPE.
19) REMOVE AND DISPOSE OF HOSE BIB PIPE RISER. PLUG WATER PIPE A MINIMUM OF 24" BELOW FINISHED GRADE (TYP).

20) COMPLETELY DEMOLISH, REMOVE, & DISPOSE OF BUILDING 4810, 4827, 4804, AND WELD SHOP CONCRETE SLABS & FOUNDATIONS.

5

GENERAL NOTES:

1) REMOVE AND DISPOSE OF ANY ABANDONED HANDHOLE OR VALVE WELL COVER. FILL HANDHOLE OR VALVE WELL WITH 300 PSI CONCRETE.

1

LEGEND:

SEE DWG C-1 FOR DEMO LEGEND.

GENERAL NOTES:

1) REMOVE AND RECYCLE ALL DEMOLITION DEBRIS AT NO ADDITIONAL COST TO THE GOVERNMENT.
2) ALL WORK SHOWN ON THIS SHEET SHALL BE PERFORMED DURING THE FINAL MONTH OF THE CONTRACT PERFORMANCE PERIOD.

DEMOLITION PLAN #2

SCALE 1" = 20'

GRAPHIC SCALE: 1" = 20'

20' 0 20' 40' 60'

TRUE NORTH

JBY# 0622-12

REGISTERED PROFESSIONAL ENGINEER JONATHAN B. YOUNG NO. 60229 EXP. 6-30-2012 CIVIL STATE OF CALIFORNIA

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DATE	SYM	REVISION	BY	A'PD

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
DRYDEN FLIGHT RESEARCH CENTER
EDWARDS, CA

DRAWING TITLE
DEMOLITION PLAN #2

PROJECT TITLE
8-18-11
FACILITIES SUPPORT CENTER
100% FINAL DESIGN SUBMITTAL

APPROVALS	DATE
Chief, Facilities Engineering & Asset Mgmt. Office DAN CROMLEY	8-18-11
Project Requestor/Customer DAN CROMLEY	8-18-11
Facilities Project Manager GEMMA FLORES	8-18-11
Chief, Office of Protective Services JOHN ZELLMER	8-18-11
Chief – Safety, Health and Environmental Office DAN MULLEN	8-18-11
DFRC Chief Information Officer KEN NORLIN	8-18-11

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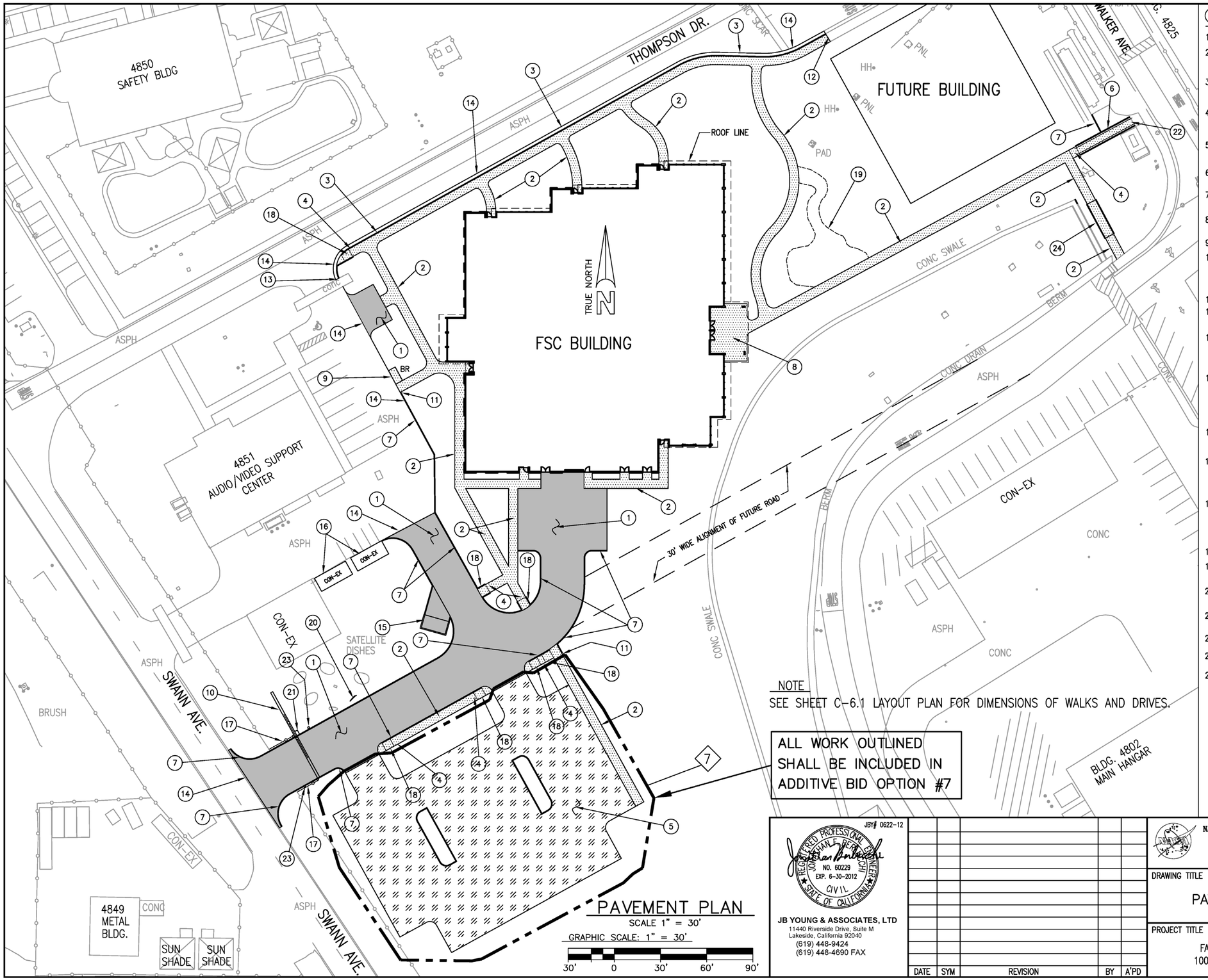
FILE NAME		SHEET No.	7 of 195



NOTE
SEE SHEET C-6.1 LAYOUT PLAN FOR DIMENSIONS OF WALKS AND DRIVES.

ALL WORK OUTLINED SHALL BE INCLUDED IN ADDITIVE BID OPTION #7

PAVEMENT PLAN

SCALE 1" = 30'

GRAPHIC SCALE: 1" = 30'

30' 0 30' 60' 90'

(XX) NOTES:

1) NEW "WHITE" CONCRETE PARKING & DRIVEWAY PAVEMENT, SEE DETAIL 8 C-3.1 | C-8.1
2) NEW "WHITE" CONCRETE SIDEWALK, SEE DETAIL 7 C-3.1 | C-8.1
3) NEW "WHITE" CONCRETE SIDEWALK, CURB & GUTTER, SEE DETAIL 2 C-3.1 | C-8.1
4) INSTALL GROOVED SECTION OF SIDEWALK AT TOP OF RAMP, SEE DETAIL 2 C-3.1 | C-8.10
5) NEW "WHITE" PERVIOUS CONCRETE PAVED PARKING LOT, SEE DETAIL 5 C-3.1 | C-8.1
6) INSTALL "WHITE" CONC HANDICAP RAMP & HANDRAILS, SEE DETAIL 4 C-3.1 | C-8.2
7) NEW "WHITE" CONCRETE CURB, SEE DETAIL 4 C-3.1 | C-8.1
8) NEW "WHITE" CONCRETE PATIO AREA, SEE DETAIL 7 C-3.1 | C-8.1
9) NEW BIKE RACK, SEE LANDSCAPE DRAWINGS FOR DETAIL.
10) NEW 30' WIDE AUTOMATED MOTORIZED CHAIN LINK VEHICLE SLIDING GATE WITH CONC GATE TRACK & CARD READERS, SEE DETAIL 1 C-3.1 | C-8.2
11) TAPER END OF CURB DOWN AT 1 VERT / 3 HORIZ.
12) MATCH NEW CONCRETE CURB, GUTTER, AND SIDEWALK TO EXISTING WITH A NEW EXPANSION JOINT, SEE DETAIL 3 C-3.1 | C-8.1
13) MATCH NEW CURB AND GUTTER TO EXST CONC SWALE WITH A NEW EXPANSION JOINT, SEE DETAIL 3 C-3.1 | C-8.1
14) SAWCUT, REMOVE, AND REPLACE 12" WIDE STRIP OF ASPHALT PAVEMENT ALONG EDGE OF NEW PVMT, CURB OR GUTTER TO PROVIDE A SMOOTH TRANSITION, SEE DETAIL 6 C-3.1 | C-8.1
15) NEW TRASH ENCLOSURE, SEE DETAIL 1 C-3.1 | C-8.7
16) INSTALL SALVAGED CON-EX BOX AND NEW FOUNDATION PIERS, SEE DETAIL 5 C-3.1 | C-8.4
17) INSTALL NEW 8' TALL CHAIN LINK FENCING WITH BARB WIRE, SEE DETAL 5 C-3.1 | C-8.2
18) NEW CONCRETE HANDICAP SIDEWALK RAMP, SEE DETAIL 1 C-3.1 | C-8.10
19) NEW LANDSCAPE GATHERING AREA, SEE LANDSCAPE DRAWINGS.
20) INSTALL SALVAGED SATELLITE DISH AND NEW CONCRETE FOUNDATION TO MATCH EXISTING.
21) NEW AUTOMATIC GATE MOTOR OPERATOR ON 6" THICK CONC PAD PER MANUF RECOMMENDATIONS.
22) INSTALL TRUNCATED DOMES AT BOTTOM OF RAMP, SEE DETAIL 3 C-3.1 | C-8.10
23) INSTALL AUTOMATIC GATE CARD READER 10' CLEAR OF GATE.
24) INSTALL "WHITE" CONC RAMP & HANDRAILS, SEE DETAIL 4 C-3.1 | C-8.2

LEGEND

- NEW CONCRETE PAVEMENT
- NEW CONCRETE SIDEWALK, CURB & GUTTERS.
- NEW PERVIOUS CONCRETE PAVEMENT

JBY# 0622-12

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NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
DRYDEN FLIGHT RESEARCH CENTER
EDWARDS, CA

DRAWING TITLE
PAVEMENT PLAN #1

PROJECT TITLE
8-18-11
FACILITIES SUPPORT CENTER
100% FINAL DESIGN SUBMITTAL

APPROVALS	DATE
Chief, Facilities Engineering & Asset Mgmt. Office DAN CROWLEY	8-18-11
Project Requestor/Customer DAN CROWLEY	8-18-11
Facilities Project Manager GEMMA FLORES	8-18-11
Chief, Office of Protective Services JOHN ZELLMER	8-18-11
Chief – Safety, Health and Environmental Office DAN MULLEN	8-18-11
DFRC Chief Information Officer KEN NORLIN	8-18-11

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SCALE	AS NOTED	TRADE SH. No. C-3.1	
FILE NAME		SHEET No. 8 of 195	

ALL WORK ON THIS SHEET SHALL BE INCLUDED IN ADDITIVE BID OPTION #6

(XX) NOTES:

1) INSTALL NEW ASPHALT PAVEMENT, SEE DETAIL 6 C-3.2 | C-8.1

2) INSTALL NEW CONCRETE PAVEMENT, SEE DETAIL 8 C-3.2 | C-8.1

3) CORE DRILL 12" DIAMETER SCUPPER IN RETAINING WALL AT GRADE LEVEL TO ALLOW STORM DRAIN TO PASS THROUGH WALL EVERY 20' ON CENTER.

BLDG. 4809

LEGEND:

SEE DWG C-1 FOR DEMO LEGEND.

GENERAL NOTES:

1) REMOVE AND RECYCLE ALL DEMOLITION DEBRIS AT NO ADDITIONAL COST TO THE GOVERNMENT.
2) ALL WORK SHOWN ON THIS SHEET SHALL BE PERFORMED DURING THE FINAL MONTH OF THE CONTRACT PERFORMANCE PERIOD.

PAVEMENT PLAN #2

SCALE 1" = 20'

GRAPHIC SCALE: 1" = 20'

20' 0 20' 40' 60'

TRUE NORTH

JBY# 0622-12

REGISTERED PROFESSIONAL ENGINEER JONATHAN BERNSTEIN NO. 60229 EXP. 6-30-2012 CIVIL STATE OF CALIFORNIA

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DRYDEN FLIGHT RESEARCH CENTER
EDWARDS, CA

DRAWING TITLE
PAVEMENT PLAN #2

PROJECT TITLE
8-18-11
FACILITIES SUPPORT CENTER
100% FINAL DESIGN SUBMITTAL

APPROVALS	DATE
Chief, Facilities Engineering & Asset Mgmt. Office DAN CROWLEY	8-18-11
Project Requestor/Customer DAN CROWLEY	8-18-11
Facilities Project Manager GEMMA FLORES	8-18-11
Chief, Office of Protective Services JOHN ZELLMER	8-18-11
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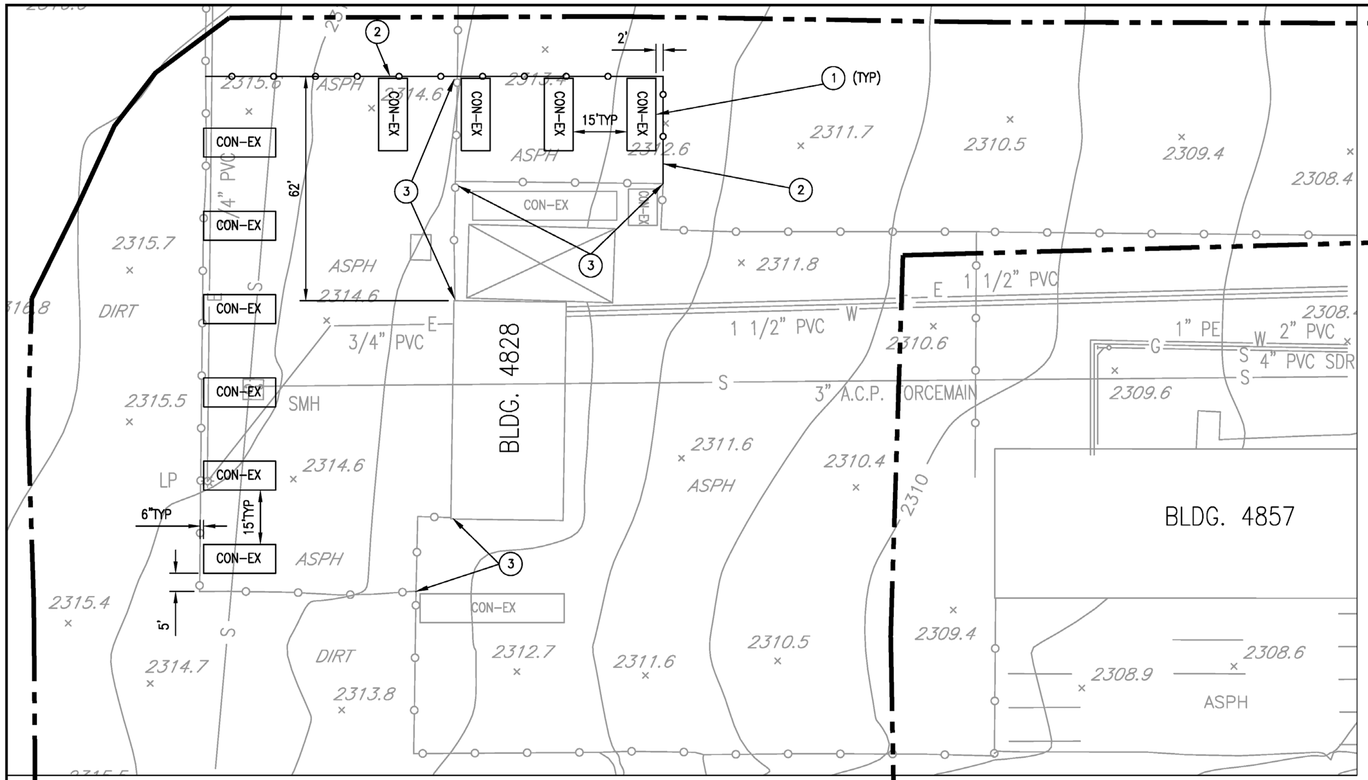
SCALE	AS NOTED	TRADE SH. No. C-3.2	SHEET No. 9 of 195
FILE NAME			



PAVEMENT PLAN #3

SCALE 1" = 20'

XX NOTES:

1) INSTALL SALVAGED CON-EX BOX AND NEW FOUNDATION PIERS, SEE DETAIL 5 C-3.3 | C-8.4
2) INSTALL NEW CHAIN LINK FENCING, SEE DETAIL 5 C-3.3 | C-8.2
3) REMOVE AND DISPOSE OF EXISTING CHAIN LINK FENCING.

ALL WORK ON THIS SHEET SHALL BE INCLUDED IN ADDITIVE BID OPTIONS #1

LEGEND:

SEE DWG C-1 FOR DEMO LEGEND.

GENERAL NOTES:

1) REMOVE AND RECYCLE ALL DEMOLITION DEBRIS AT NO ADDITIONAL COST TO THE GOVERNMENT.
2) ALL WORK SHOWN ON THIS SHEET SHALL BE PERFORMED DURING THE FINAL MONTH OF THE CONTRACT PERFORMANCE PERIOD.

GRAPHIC SCALE: 1" = 20'

20' 0 20' 40' 60'

TRUE NORTH

JBY# 0622-12

REGISTERED PROFESSIONAL ENGINEER JONATHAN E. BERTSCH NO. 60229 EXP. 6-30-2012 CIVIL STATE OF CALIFORNIA

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EDWARDS, CA

DRAWING TITLE
PAVEMENT PLAN #3

PROJECT TITLE
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FACILITIES SUPPORT CENTER
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APPROVALS		DATE
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Project Requestor/Customer	DAN CROWLEY	8-18-11
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FILE NAME			