

COMBINED EARTHWORK QUANTITIES

DESCRIPTION	VOLUME (C.Y.)	VOLUME (C.Y.)	VOLUME (C.Y.)
MATERIAL TO BE PLACED IN STOCKPILES*			10,770
TOPSOIL CUT=	15,982		
NON-STRUCTURAL CUT=	2,891		
STRUCTURAL CUT=	8,117		
TOTAL UNCLASSIFIED EXCAVATION=	26,990		
TOPSOIL FILL PER ITEM 905510=		6,776	
NON-STRUCTURAL FILL (7.5% SHRINK)=		15,528*	
STRUCTURAL FILL (12.5% SHRINK)=		4,608	
TOTAL FILL=		26,912	
EXCESS=			78

* NOTE: MATERIAL PLACED IN STOCKPILES BY OTHERS SUBTRACTED FROM NON-STRUCTURAL FILL, BUT NOT SHOWN ON CROSS SECTIONS

NOTES:

1. ALL STAKING PLAN ELEVATIONS ARE AT CROSS SECTION STATIONS UNLESS NOTED OTHERWISE.
2. STATIONING BASED ON ALIGNMENTS AS SHOWN. ENGINEER WILL PROVIDE BENCHMARKS WITH STATION, OFFSET, AND ELEVATION FOR CONTRACTOR'S USE.
3. THE TOPSOIL STOCKPILE BY OTHER WILL BE USED FOR BERM CONSTRUCTION AND TOPSOIL PLACEMENT.
4. SEE DRAINAGE DETAILS FOR STORM SEWER SCHEDULE.

ALIGNMENT DATA

DESCRIPTION	BEGINNING OF ALIGNMENT 400	END OF ALIGNMENT 400
STATION	404+00	415+74.8
NORTHING	1,796,896.68	1,796,620.92
EASTING	1,048,297.33	1,049,439.32



HANSON PROFESSIONAL SERVICES INC.

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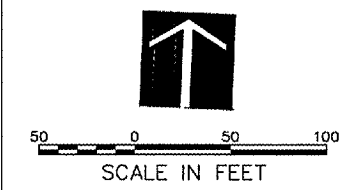
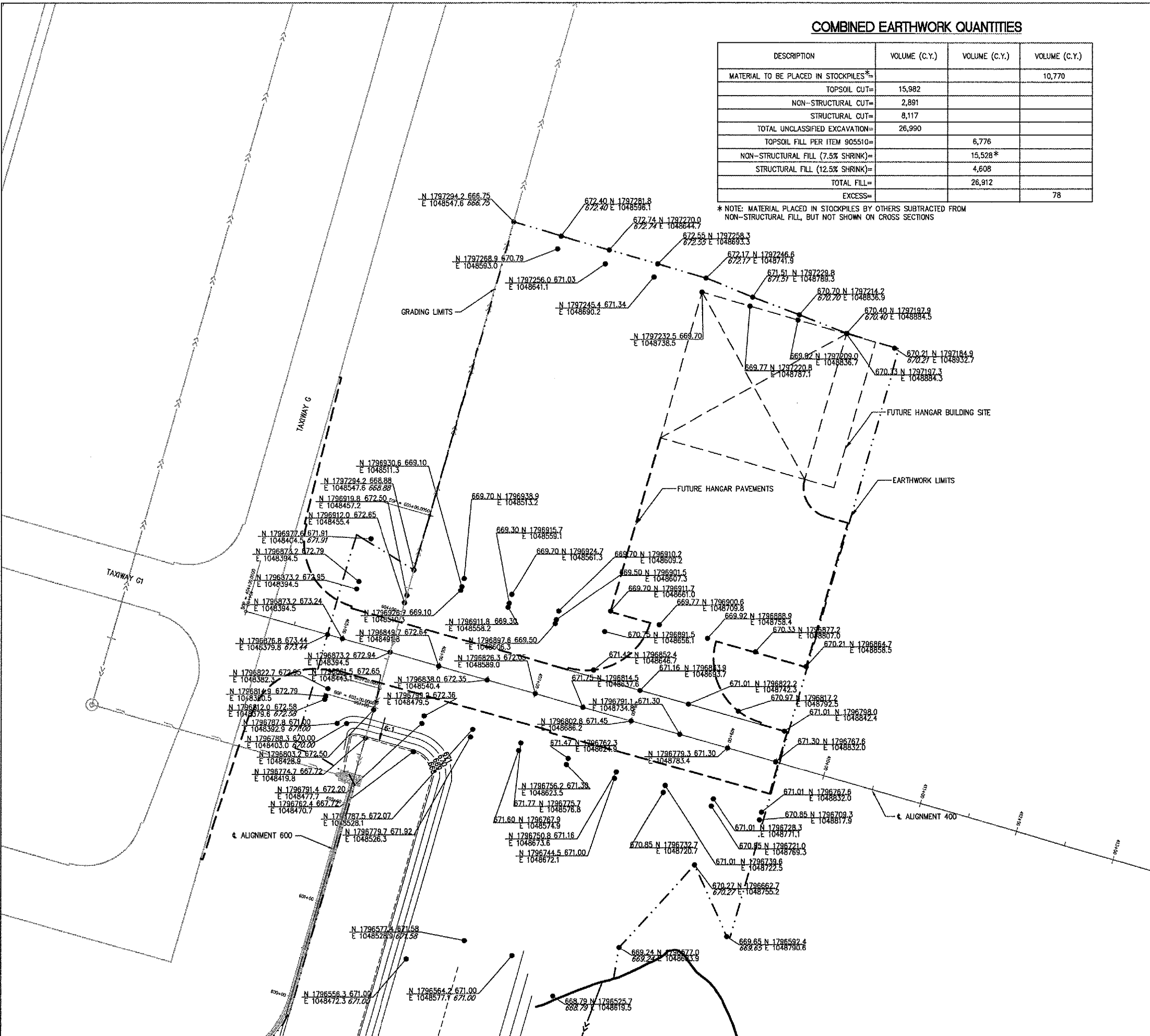
JOLIET REGIONAL PORT DISTRICT

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SOUTHWEST CORPORATE AREA,
GRADING AND DRAINAGE, PHASE 1

AIP PROJECT NO. 3-17-0140-B39
IDA PROJECT NO. LOT-3498

A:\04\035\00840\DRAWINGS\DRAWINGS\SHEETS\10 - STAKING PLAN ALIGNMENT 400.DWG MAY 13, 2005 1:39PM TMM



- LEGEND**
- > EXISTING UNDERDRAIN
 - > EXISTING STORM SEWER
 - > EXISTING ELECTRIC
 - > EXISTING SWALE
 - > EXISTING FENCE
 - > PROPOSED STORM SEWER
 - > PROPOSED SWALE
 - EXISTING STORM SEWER MANHOLE
 - EXISTING FLARED END SECTION
 - PROPOSED FLARED END SECTION

No.	Drawing Issue Description	Date	By

Date
MAY 6, 2005
Sheet Title

STAKING PLAN -
ALIGNMENT 400

840-04D8042	Project Number
SJM 04/20/05	Layout By Date
SJM 04/20/05	Designed By Date
RMH/TMM 04/22/05	Reviewed By Date
SJM	Drawn By
	Sheet No.