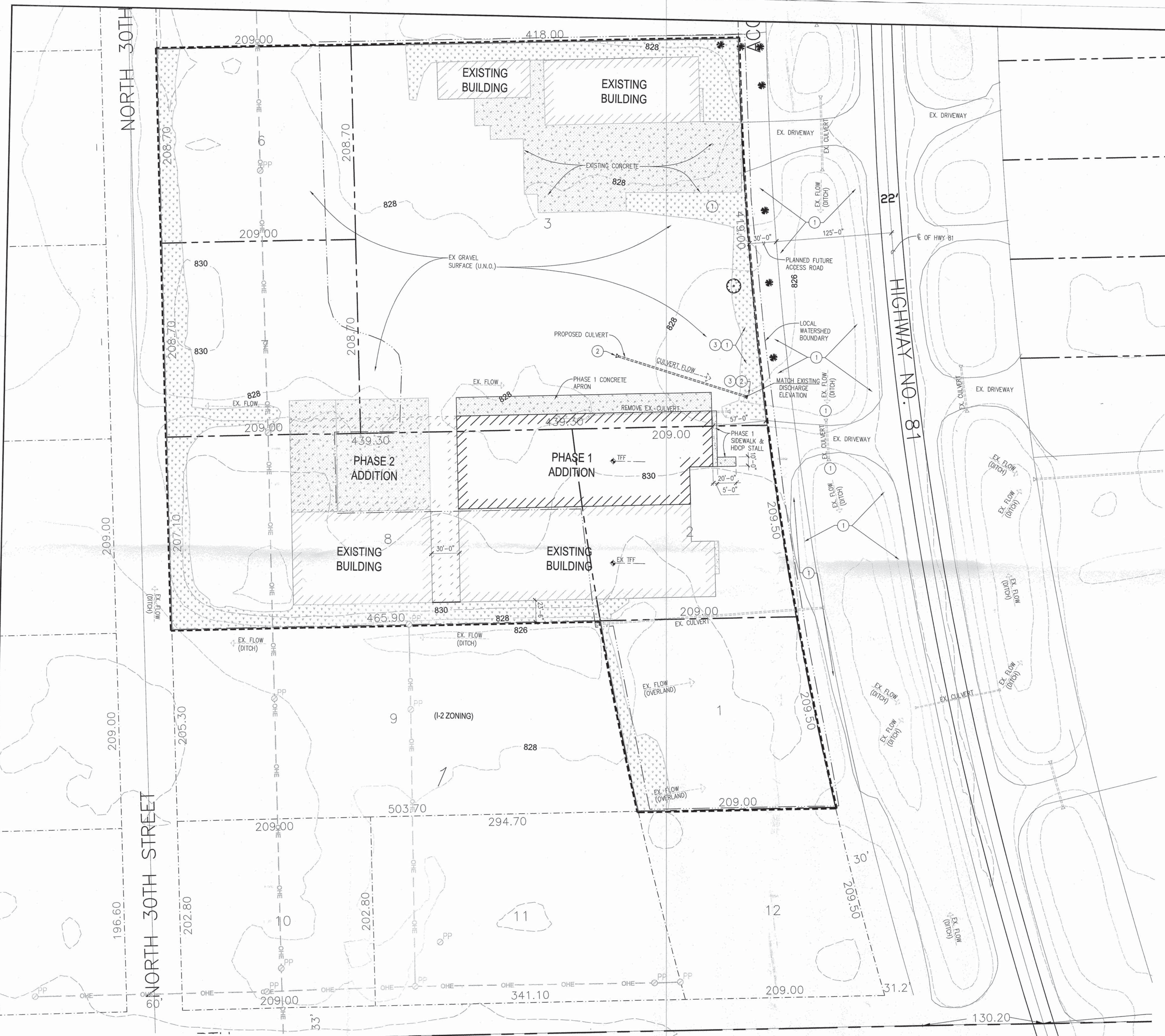


File Location: 20121012450 - GF S&S Trucking Reno & Expansion Drawing 2012450 SWP-2.dwg
 Plot Date: 22-Oct-12



LINE TYPES: TOPOGRAPHY

---	PROPERTY LINE (OWNER)
---	PROPERTY LINE (PRIVATE)
---	EASEMENT LINE
---	CONTOURS - MAJOR (Existing)
---	CONTOURS - MAJOR (Demo)
---	CONTOURS - MAJOR (New)
---	CONTOURS - MINOR (Existing)
---	CONTOURS - MINOR (Demo)
---	CONTOURS - MINOR (New)
---	CONTOURS - DEPRESSION (Existing)
---	CONTOURS - DEPRESSION (New)
---	WATER SHED BOUNDARY

SYMBOLS: TOPOGRAPHY

○	EXISTING PROPERTY CORNER	○	NEW PROPERTY CORNER
●	BM #1 BENCH MARK	⊕	BORING POINT
+	ELEV SPOT ELEVATIONS	⊕	CONTROL POINT
---	EXISTING BUILDING OUTLINE	---	NEW BUILDING OUTLINE
---	EXISTING 4" CONCRETE ON 4" BASE	---	NEW 4" CONCRETE ON 4" BASE
---	EXISTING 4" DECORATIVE CONCRETE ON 4" BASE	---	NEW 4" DECORATIVE CONCRETE ON 4" BASE
---	EXISTING 6" CONCRETE PAVT	---	NEW 6" CONCRETE PAVT
---	EXISTING ASPHALT PAVEMENT	---	NEW ASPHALT PAVEMENT
---	EXISTING GRASS HYDROSEED OR 500 ON 4" TOPSOIL	---	NEW GRASS HYDROSEED OR 500 ON 4" TOPSOIL
---	EXISTING ROCK RIPRAP	---	NEW ROCK RIPRAP
---	EXISTING GRAVEL	---	NEW GRAVEL
---	EXISTING SAND	---	NEW SAND
---	AREA TO BE DEMOLISHED		

- SWPPP NOTES:**
- 1 MAINTAIN VEGETATED BUFFER.
 - 2 PLACE EROSION CONTROL MAT AT OUTLET UNTIL PERMANENT PROTECTION IS IN PLACE.
 - 3 CLEAN SEDIMENT DEPOSITS AS THEY ACCUMULATE.

LEGAL DESCRIPTION:
 LOTS 1, 2, 3, 6, 7, 8 OF BLOCK 1
 OF WALSH'S INDUSTRIAL SITE #1,
 GRAND FORKS COUNTY, ND
 I-2 HEAVY INDUSTRIAL ZONING

AREA CALCULATIONS

TOTAL AREA	444,464 SF	(10.20 ACRES)	100.0%
MAXIMUM IMPERVIOUS	377,794 SF	(8.67 ACRES)	85.0%

EXISTING CONSTRUCTION

IMPERVIOUS BUILDINGS	57,190 SF	(1.31 ACRES)	12.8%
CONCRETE	41,138 SF	(0.95 ACRES)	9.3%
TOTAL IMPERVIOUS	98,328 SF	(2.26 ACRES)	22.1% (85% MAX)
PERVIOUS GRAVEL	295,437 SF	(6.78 ACRES)	66.5%
GRASS	50,699 SF	(1.16 ACRES)	11.4%
TOTAL PERVIOUS	346,136 SF	(7.94 ACRES)	77.9%

PHASE 1 CONSTRUCTION

IMPERVIOUS BUILDINGS PH 1	26,500 SF	(0.61 ACRES)	6.0%
EXISTING BLDG	57,190 SF	(1.31 ACRES)	12.8%
CONCRETE	83,190 SF	(1.92 ACRES)	18.8%
PAVEMENT	6,000 SF	(0.64 ACRES)	6.3%
CONCRETE EXISTING	41,138 SF	(0.95 ACRES)	9.2%
	47,138 SF	(1.59 ACRES)	15.5%
TOTAL IMPERVIOUS	152,828 SF	(3.50 ACRES)	34.3% (85% MAX)
PERVIOUS GRAVEL	263,682 SF	(6.05 ACRES)	59.3%
GRASS	50,454 SF	(1.16 ACRES)	11.4%
TOTAL PERVIOUS	314,136 SF	(7.21 ACRES)	70.7%

PHASE 2 CONSTRUCTION

IMPERVIOUS BUILDINGS PH 2	21,000 SF	(0.48 ACRES)	4.7%
EXISTING	83,690 SF	(1.92 ACRES)	18.8%
PAVEMENT	104,690 SF	(2.40 ACRES)	23.5%
CONCRETE	3,600 SF	(0.08 ACRES)	0.8%
EXISTING	47,138 SF	(1.08 ACRES)	10.6%
	50,738 SF	(1.16 ACRES)	11.4%
TOTAL IMPERVIOUS	155,428 SF	(3.56 ACRES)	34.9% (85% MAX)
PERVIOUS GRAVEL	238,582 SF	(5.48 ACRES)	53.7%
GRASS	50,454 SF	(1.16 ACRES)	11.4%
TOTAL PERVIOUS	289,036 SF	(6.64 ACRES)	64.9%

SITE DISTURBANCE IS 32,500 SF (0.75 ACRES)

PHASE 2 CONSTRUCTION

IMPERVIOUS BUILDINGS PH 2	21,000 SF	(0.48 ACRES)	4.7%
EXISTING	83,690 SF	(1.92 ACRES)	18.8%
PAVEMENT	104,690 SF	(2.40 ACRES)	23.5%
CONCRETE	3,600 SF	(0.08 ACRES)	0.8%
EXISTING	47,138 SF	(1.08 ACRES)	10.6%
	50,738 SF	(1.16 ACRES)	11.4%
TOTAL IMPERVIOUS	155,428 SF	(3.56 ACRES)	34.9% (85% MAX)
PERVIOUS GRAVEL	238,582 SF	(5.48 ACRES)	53.7%
GRASS	50,454 SF	(1.16 ACRES)	11.4%
TOTAL PERVIOUS	289,036 SF	(6.64 ACRES)	64.9%

SITE DISTURBANCE IS 24,600 SF (0.57 ACRES)



EAPC

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CLIENT
ICS, INC.

PROJECT DESCRIPTION
**S&S TRUCKING
 RENOVATION &
 EXPANSION**

CITY GRAND FORKS
 STATE NORTH DAKOTA

ISSUE DATES

SWP	SW MGMT PLAN	22 OCT 2012
MARK	DESCRIPTION	DATE

PROJECT NO: 20123450
 DRAWN BY: JCE
 CHECKED BY: JRK

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DRAWING TITLE
SITE PLAN

SWP-2