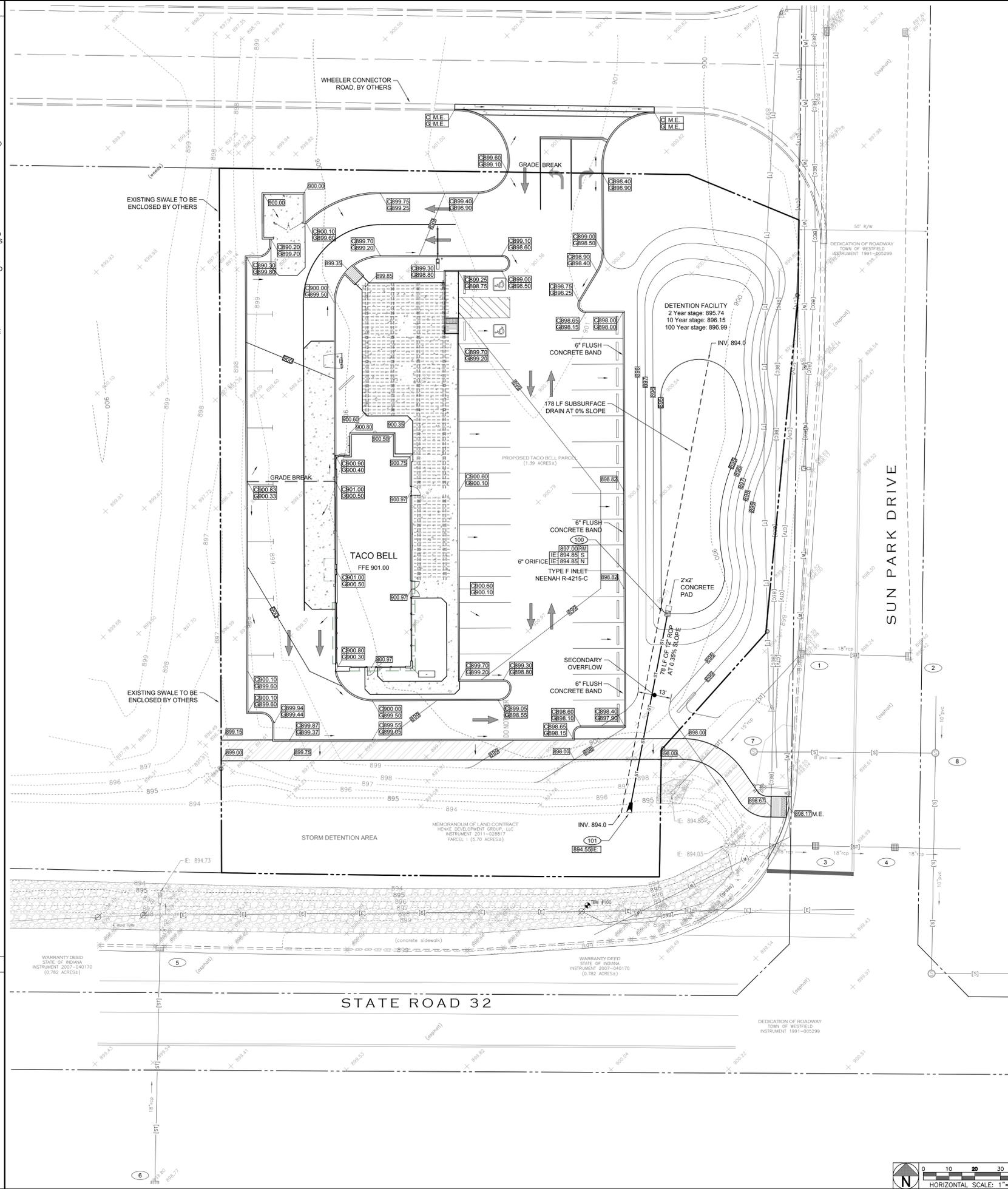


- GRADING PLAN NOTES**
- TOPSOIL SHALL BE STRIPPED FROM ALL AREAS TO RECEIVE PAVING AND FROM WITHIN THE LIMITS OF PROPOSED BUILDINGS AND STRUCTURES. TOPSOIL SHALL BE STRIPPED TO THE DEPTH SHOWN IN THE GEOTECHNICAL REPORT, OR TO A DEPTH OF 6 INCHES, WHICHEVER IS GREATER.
 - TOPSOIL SHALL BE PLACED TO A DEPTH OF 4 TO 6 INCHES IN ALL AREAS TO BE SEEDDED OR SODDED PER THE SPECIFICATIONS.
 - EXCESS TOPSOIL MAY BE PLACED IN MOUNDING AREAS AND NONSTRUCTURAL FILL AREAS AS AVAILABLE.
 - ALL AREAS DISTURBED BY CONSTRUCTION SHALL BE SEEDDED OR SODDED UNLESS OTHERWISE SHOWN.
 - FINAL GRADES AT THE PROJECT BOUNDARY SHALL MATCH EXISTING ELEVATIONS UNLESS OTHERWISE SHOWN.
 - THE CONTRACTOR SHALL PERFORM AN EARTHWORK QUANTITY ANALYSIS PRIOR TO COMMENCING CONSTRUCTION TO CONFIRM SUCH QUANTITIES WITH THE ENGINEER. ADJUSTMENTS TO PROPOSED FINISH GRADES BASED UPON THE EARTHWORK QUANTITY ANALYSIS SHALL BE APPROVED BY THE ENGINEER.
 - ALL CONSTRUCTION METHODS AND MATERIALS MUST CONFORM TO CURRENT STANDARDS AND SPECIFICATIONS OF THE FEDERAL, STATE, COUNTY, CITY OR LOCAL REQUIREMENTS, WHICHEVER HAS JURISDICTION.
 - THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS IN THE FIELD PRIOR TO STARTING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL FIELD DIMENSIONS. IF ANY DISCREPANCIES ARE FOUND IN THESE PLANS FROM THE ACTUAL FIELD CONDITIONS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY.
 - THE EXCAVATING CONTRACTOR MUST TAKE PARTICULAR CARE WHEN EXCAVATING IN AND AROUND EXISTING UTILITY LINES AND EQUIPMENT. VERIFY COVER REQUIREMENTS BY UTILITY CONTRACTORS AND/OR UTILITY COMPANIES SO AS NOT TO CAUSE DAMAGE.
 - THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES 72 HOURS BEFORE CONSTRUCTION IS TO START, TO VERIFY IF ANY UTILITIES ARE PRESENT ON SITE. ALL VERIFICATIONS (LOCATION, SIZE AND DEPTH) SHALL BE MADE BY THE APPROPRIATE UTILITY COMPANIES. WHEN EXCAVATING IS AROUND OR OVER EXISTING UTILITIES, THE CONTRACTOR MUST NOTIFY THE UTILITY COMPANY SO A REPRESENTATIVE OF THAT UTILITY COMPANY CAN BE PRESENT TO INSTRUCT AND OBSERVE DURING CONSTRUCTION.
 - TRENCHES FOR ALL STORM DRAIN LINES SHALL BE BACKFILLED COMPLETELY WITH ENGINEERED GRANULAR MATERIAL IF WITHIN 5 FEET OF PAVEMENT.
 - AFTER STRIPPING TOPSOIL MATERIAL, PROOFROLL WITH A MEDIUM WEIGHT ROLLER TO DETERMINE LOCATIONS OF ANY POCKETS OF UNSUITABLE MATERIAL. THE NECESSITY FOR SUBDRAINS AND/OR REMOVAL OF ANY UNSUITABLE MATERIAL WITHIN THE PROPOSED PARKING AREAS WILL BE DETERMINED AT THE TIME OF CONSTRUCTION.
 - PROVIDE POSITIVE DRAINAGE WITHOUT PONDING, IN ALL AREAS, AFTER INSTALLATION. CONTRACTOR TO TEST FOR, AND CORRECT, IF ANY, "BIRD BATH" CONDITIONS.
 - ALL PROPOSED SPOT ELEVATIONS ARE THE FINAL PAVEMENT AND FINAL GRADE ELEVATIONS.
 - SEE APPROPRIATE DETAILS TO DETERMINE SUBGRADE ELEVATIONS BELOW FINISH GRADE ELEVATIONS INDICATED.
 - FLOW LINE ELEVATIONS ARE GIVEN AT END OF CONCRETE END SECTIONS.
 - TOR = TOP OF RIM AND REFLECTS PAVEMENT GRADE.



LEGEND OF EXISTING FEATURES

—	BUILDING SETBACK LINE	1	1	SIGNS
---	EASEMENT LINE	○	○	MONUMENT FOUND
---	RIGHT OF WAY LINE	●	●	MONUMENT SET
---	BOUNDARY LINE	⊕	⊕	BENCHMARK
---	CENTER LINE	⊙	⊙	SECTION CORNER
---	DRIVE / ROAD	⊙	⊙	DECIDUOUS TREE, SIZE
---	FENCE LINE	⊙	⊙	CONIFEROUS TREE, SIZE
---	GUARD RAIL	⊙	⊙	SHRUB
---	SWALE / FLOWLINE	⊙	⊙	PARKING COUNT
---	POND NORMAL POOL	⊙	⊙	TRANSFORMER / HVAC
---	INTERMEDIATE CONTOUR	⊙	⊙	PARKING LOT LIGHTING
---	INDEX CONTOUR	⊙	⊙	AREA LIGHTING / DIRECTIONAL LIGHTING
---	BURIED ELECTRIC	⊙	⊙	POWER POLE / GUY WIRE
---	OVERHEAD ELECTRIC	⊙	⊙	ELECTRIC METER / ELECTRIC MANHOLE
---	BURIED TELEPHONE	⊙	⊙	TELEPHONE PEDESTAL
---	OVERHEAD TELEPHONE	⊙	⊙	GAS METER / GAS VALVE
---	BURIED CABLE TELEVISION	⊙	⊙	STORM MANHOLE / SANITARY MANHOLE
---	GAS LINE	⊙	⊙	STORM SEWER INLETS
---	STORM SEWER	⊙	⊙	FIRE HYDRANTS
---	SANITARY SEWER	⊙	⊙	CLEANOUT / DOWNSPOUT
---	FORCE MAIN	⊙	⊙	STORM SEWER ENDSECTION
---	WATER LINE	⊙	⊙	WATER VALVE
---	SPOT GRADE	⊙	⊙	POST INDICATOR VALVE (PIV)
---	STORM STRUCTURE No.	⊙	⊙	FIRE DEPARTMENT CONNECTION
---	RIM ELEVATION	⊙	⊙	TRAFFIC MANHOLE / TRAFFIC LIGHT
---	INVERT ELEVATION	⊙	⊙	MAILBOX
---	SANITARY STRUCTURE No.	⊙	⊙	ADA PARKING SPACE
---	FINISHED FLOOR ELEVATION	⊙	⊙	

GRADING PLAN LEGEND

ST	STORM SEWER	3:1	H:V RATIO GRADE
RD	ROOF DRAIN	1.00%	FLOW DIRECTION AND GRADE
SSD	SUBSURFACE DRAIN	F.F.E.	FINISHED FLOOR ELEVATION
SSD	SUBSURFACE DRAIN		CATCH BASIN INLET
SW	SWALE FLOW LINE		BEEHIVE / YARD INLET
CH	CHANNEL FLOW LINE		CURB INLET
TOP	TOP OF BANK		MANHOLE
NP	NORMAL POOL	C.O.P.	CLEANOUT
POND	POND BOTTOM	D.S.	END SECTION
IC	INTERMEDIATE CONTOUR		ROOF DOWNSPOUT
INDEX	INDEX CONTOUR		STRUCTURE ID No.
M.E.	MATCH EXISTING	RIM 895.25	RIM ELEVATION
845.50	PAVEMENT SPOT GRADE	IE 892.25	PIPE INVERT ELEVATION
845.2	GROUND SPOT GRADE	IE 892.25NE	INVERT WITH DIRECTION
895.50	CURB AND GUTTER GRADE	TW	TOP & BOTTOM OF WALL ELEVATION
895.00		BW	

STRUCTURE DATA TABLE

1	STORM CURB INLET RIM EL.: 897.85 IE IN: 895.25 E IE OUT: 895.31 SW	7	SANITARY MAN HOLE RIM EL.: 898.88 IE OUT: 890.43 E
2	STORM CURB INLET RIM EL.: 897.86 IE IN: 895.97 W IE OUT: 895.56 W	8	SANITARY MAN HOLE RIM EL.: 898.75 IE IN: 890.00 W IE OUT: 898.95 S
3	STORM INLET RIM EL.: 898.63 IE IN: 893.98 W IE OUT: 893.92 E		
4	STORM INLET RIM EL.: 898.54 IE IN/OUT: 893.84 W/E		
5	STORM CURB INLET RIM EL.: 898.39 IE IN/OUT: 894.57 S/N		
6	STORM CURB INLET RIM EL.: 898.31 IE IN/OUT: S/N		

FLOOD ZONE DESIGNATION

The accuracy of the flood hazard data shown in this report is subject to map scale uncertainty and to any other uncertainty in location or elevation on the referenced Flood Insurance Rate Map. According to the Federal Emergency Management Agency Flood Insurance Rate Map for Hamilton County, Community Panel 18057 C 0120F dated February 19, 2003 the described real estate lies within the Unshaded Zone "X" which area is determined to be outside 500-year floodplain, by graphic plotting only. No field surveying was performed to determine this zone and an elevation certificate may be needed to verify this determination or apply for a variance from the federal management Agency.

UTILITY STATEMENT:

The utilities shown hereon have been located from field survey information and existing drawings. The surveyor makes no guarantee that the utilities shown comprise all such utilities in the area, either in service or abandoned. The surveyor further does not warrant that the utilities shown are in the exact location indicated although he does certify that they are located as accurately as possible from information available.

BENCHMARK DATA

The originating bench mark elevations for this survey are based on:
 INDOT ISHC disk stamped G11 set in the top of the SW wingwall of a concrete slab culvert, over the Bowman Drain, 293 +/- west of the intersection of S.R. 32 and Union Street on the south side of S.R. 32 in Westfield.
 ELEV. 876.57 (NAVD 1988 DATUM)

TBM#100 = 898.94
 Yellow bench tie set +/- 2.0, up from grade, on the north east side of power pole #189-095, located on the north side of S.R. 32 and is the first pole west of Sun Park Drive.

REVISIONS

NO.	DATE	DESCRIPTION

PREPARED FOR:
 Southern Bells, Inc.
 5864 South East Street
 Indianapolis, Indiana 46227
 Ph: 317.788.0374
 Fx: 317.788.5648

CONSTRUCTION PLANS FOR:
Taco Bell
 State Road 32 and Sun Park Drive
 Westfield, Indiana

PREPARED BY:
EMHT
 Events, Mchrtwhrt, Hombelgten & Tilton, Inc.
 5400 Kings Highway South
 Indianapolis, Indiana 46225
 Phone: 317.213.6930 Fax: 317.213.6930
 emht.com

Job No. 2012-1306

Michael Thompson
 Registered Professional Engineer
 State of Indiana
 PE#11011309
 March 01, 2013

Date: March 01, 2013
 Scale: 1" = 20'

Title: GRADING PLAN

Sheet: C3.0



EAST ELEVATION 3/16"=1'-0" **A**



SOUTH ELEVATION 3/16"=1'-0" **B**

- △
- △
- △
- △
- △
- △
- △
- △

CONTRACT DATE:	XX.XX.XX
BUILDING TYPE:	T-66
PLAN VERSION:	December 2012
SITE NUMBER:	XXX-XXX
STORE NUMBER:	XXXXX

TACO BELL
SR 32 & SUN PARK DRIVE
WESTFIELD, INDIANA



LARGE
66 WITH NEW IMAGE

EXTERIOR ELEVATIONS

A4.0

PLOT DATE: