### LOCATION OF EXISTING UTILITIES

EXISTING PUBLIC UTILITIES AND KNOWN UNDERGROUND STRUCTURES ARE SHOWN ON THE PLANS. THE INFORMATION SHOWN IS BELIEVED TO BE REASONABLY CORRECT AND COMPLETE. HOWEVER, NETHER THE CORRECTNESS OR THE COMPLETENESS OF SUCH INFORMATION IS GUARANTEED. PRIOR TO THE START OF ANY CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY "MISS DIG" AND REQUEST THE UTILITY COMPANIES TO MARK THE UTILITIES IN QUESTION.

SPECIAL CARE SHALL BE TAKEN IN EXCAVATING IN THE PROXIMITY OF ALL UNDERGROUND UTILITIES. THE CONTRACTOR SHALL PROVIDE SUPPORT FOR ANY UTILITIES WITHIN THE EXCAVATION, PROVIDE PROPER COMPACTION UNDER ANY UNDERWIND UTILITY STRUCTURE AND IF NECESSARY, INSTALL TEMPORARY SHEETING OR USE A TRENCH BOX TO MINIMIZE THE EXCAVATION. CONTRACTOR SHALL PROTECT AND SAVE HARMLESS FROM DAMAGE ALL UTILITIES, ABOVE OR BELOW THE GROUND SURFACE, WHICH MAY BE ENCOUNTERED DURING CONSTRUCTION.



THE LOCATION OF THE EXISTING UTILITIES, AS SHOWN ON THIS PLAN, ARE APPOXIMATE ONLY. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY ACTUAL LOCATION AND DEPTH OF ALL EXISTING UTILITIES. THE OWNER AND THE SURVEYOR SHALL NOT BE RESPONSIBLE FOR ANY OMISSION OR VARIATION FROM THE LOCATION SHOWN. THE CONTRACTOR SHALL NOTIFY "MISS DIG" AT 1 (800) 482-7171 (3) WORKING DAYS PRIOR TO THE START OF CONSTRUCTION.

#### SITE UTILITY NOTES

THESE PLANS AND SPECIFICATIONS ARE SUBJECT TO MODIFICATION DURING CONSTRUCTION WHEN CONDITIONS DEVELOP THAT WERE NOT APPARENT DURING THE DESIGN AND PREPARATION OF THESE PLANS. ALL MODIFICATIONS MUST BE APPROVED BY LOCAL JURISDICTION PRIOR TO CONSTRUCTION AND/OR IMPLEMENTATION.

BEFORE COMMENCEMENT OF WORK, THE CONTRACTOR SHALL REVIEW ALL PLANS AND SPECIFICATIONS AND THE JOB SITE. THE CONTRACTOR SHALL NOTIFY THE OWNER AND THE ENGINEER WHO PREPARED THE PLANS OF ANY DISCREPANCIES THAT MAY REQUIRE MODIFICATION HESE PLANS OR OF ANY FIELD CONFLICTS.

IN THE EVENT OF ANY DISCREPANCY BETWEEN ANY DRAWING AND THE FIGURES WRITTEN THEREON, THE FIGURES SHALL BE TAKEN AS CORRECT.

SHOULD IT APPEAR THAT THE WORK TO BE DONE OR ANY MATTER RELATIVE THERETO IS NOT SUFFICIENTLY DETAILED OR EXPLAINED ON THESE PLANS, THE CONTRACTOR SHALL CONTACT THE ENGINEER FOR SUCH FURTHER EXPLANATIONS AS MAY BE NECESSARY.

CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES. THE CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY, AND HOLD THE OWNER AND DESIGN PROFESSIONAL HARMLESS OF ANY AND ALL LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR DESIGN PROFESSIONAL

CONTRACTOR SHALL OBTAIN ENCROACHMENT PERMITS PRIOR TO COMMENCING CONSTRUCTION INVOLVING RIGHT-OF-WAYS, AND FOR THE CONSTRUCTION, MODIFICATION, OR CONNECTION TO FACILITIES. ALL WORKMANSHIP, EQUIPMENT AND MATERIALS SHALL CONFORM TO LOCAL JURISDICTION STANDARDS AND SPECIFICATIONS.

TRAFFIC CONTROL SHALL BE PROVIDED IN ACCORDANCE WITH LOCAL JURISDICTION.

THE CONTRACTOR SHALL PROVIDE ALL LIGHTS, SIGNS, BARRICADES, FLAG MEN, OR OTHER DEVICES NECESSARY TO PROVIDE FOR PUBLIC SAFETY.

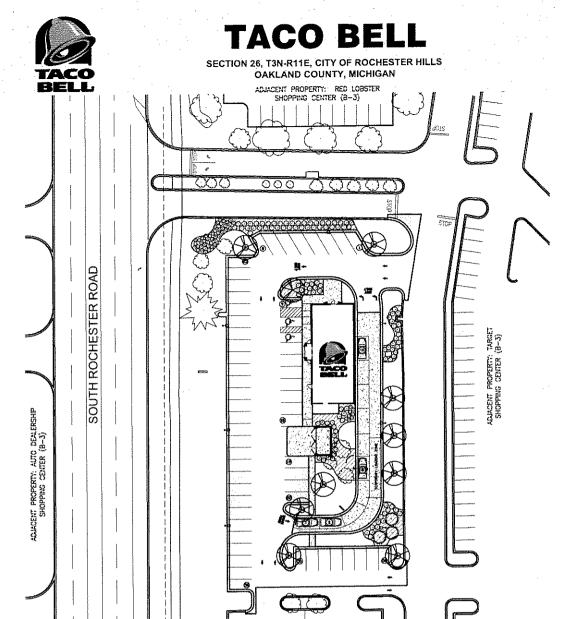
WHERE SOIL OR GEOLOGIC CONDITIONS ENCOUNTERED IN GRADING OPERATIONS ARE DIFFERENT FROM THOSE ANTICIPATED IN THE SOIL AND GEOLOGICAL INVESTIGATION REPORT, OR WHERE CONDITIONS WARRANT CHANGES TO THE RECOMMENDATIONS CONTAINED THEREIN, A REVISED SOIL OR GEOLOGIC REPORT SHALL BE SUBMITTED FOR APPROVAL AND SHALL BE ACCOMPANIED BY AN ENGINEER'S OPINION AS TO THE SAFETY OF THE SITE FROM THE POSSIBILITY OF LAND SLIPPAGE, SETTLEMENT AND SEISMIC ACTIVITY

A PRECONSTRUCTION MEETING SHALL BE SCHEDULED WITH THE DEVELOPER, SERVICES PERSONNEL AND THE DEVELOPER'S CONTRACTOR. A PRECONSTRUCTION MEETING SHALL TAKE PLACE PRIOR TO THE STARTING OF ANY CONSTRUCTION ON THE SITE

FIRE LANES SHALL BE DESIGNATED BY THE FIRE CODE OFFICIAL, AND SHALL BE CONSPICUOUSLY POSTED ON BOTH SIDES OF THE FIRE LAND, WITH FIRE LANE SIGNS SPACED NOT MORE THAN 100 FEET APART, AND IN CONFORMANCE WITH THE MICHIGAN MANUAL OF UNIFORM TRAFFIC

OPEN BURNING IS NOT PERMITTED INCLUDING THE BURNING OF TRASH, DEBRIS, OR LAND

CONSTRUCTION SITES SHALL BE SAFEGUARDED IN ACCORDANCE WITH UNIFORM FIRE CODE ARTICLE 87. THIS INCLUDES MAINTAINING FIRE DEPARTMENT ACCESS ROADS AND FIRE HYDRANTS OPERATIONAL PRIOR TO BUILDING CONSTRUCTION.





SITE SKETCH 1' = 40'

**ROADS/HIGHWAY** 

ROAD COMMISSION OF OA 2420 PONTIAC LAKE ROAD

Contact: KARA GRISAMER ne: (248) 858-4856

WATERFORD, MICHIGAN 48328

# Clevely Av Million I Eastlawn Dr E South BMd W South Blins



ADJACENT PROPERTY: FAMOUS DAVE'S SHOPPING CENTER (B-3)

> SANITARY SEWER / WATER FIRE CODE CITY OF ROCHESTER HILLS DPS 1000 ROCHESTER HILLS DRIVE ROCHESTER HILLS, MICHIGAN 48309 1000 ROCHESTER HILLS DRIVE POCHESTER HILLS MICHIGAN 48309 II. RON WALKER, FIRE PLAN REVIEWER Contact: PETE BOMMARITL Phone: (248) 656-4685 HEALTH DEPARTMENT STORM DRAINAGE TAKE AND COLINITY HEAT THE CITY OF ROCHESTER HILLS DRIVE 1000 ROCHESTER HILLS DRIVE OAKLAND COUNTY HEALTH DEP 27725 GREENFIELD ROAD SOUTHFIELD, MICHIGAN 48076 Contact: JOSH NELSON ROCHESTER HILLS, MICHIGAN 48309 Contact: PETE BOMMARITL Phone. (248) 656-4685 Phone: (248) 424-7095 **TELEPHONE ELECTRIC** SBC 54 N. MILL STREET PONTIAC, MICHIGAN 48342

2000 2ND AVENUE. 1205 WCB DETROIT, MI 48226 CORIBEL: MIKE COLE, NATIONAL ACCOUNTS MANAGER Phone: (313) 235-5158

**NATURAL GAS** CONSUMERS Energy 1030 FEATHERSTONE PONTIAC, MICHIGAN 48342

PLANNING/ZONING

ROCHESTER HILLS, MICHIGAN 48309 Contact: ED ANZEK, PLANNING DIRECTOR

CITY OF ROCHESTER HILLS

1000 ROCHESTER HILLS DRIVE

Contact: ERIN GREEN Phone: (248) 858-4532

**EMERGENCIES** FIRE DEPARTMENTS - 911 AMBULANCE - 911

Contact: GREG HILLS Phone: (248) 456-0842

**AGENCIES** 

#### PROPERTY OWNER/APPLICANT

TACO BELL OF AMERICA A CALIFORNIA CORPORATION

ZONING INFORMATION

70-15-26-350-006 SHOPPING CENTER DISTRICT (B-3) PARCEL ZONING: RESTAURANT, DRIVE-THRU 2855 BOCHESTER BOAD SOUTH PARCEL ADDRESS: POCHESTER HILLS MICHIGAN 48307

#### STRUCTURE SETBACKS

### PARKING SETBACKS

10 FEET

### PARKING REQUIREMENTS

ONE ITS SPACE FOR EACH TOO SOLIARE FEET OF TOTAL BUILDING AREA. EXCLUSIVE OF THE INDOOR SEATING ONE IT 3 FACE FOR EACH EMPLOYEE. IN ADDITION, ONE SPACE SHALL BE PROVIDED FOR EACH THREE (3) PERSONS ALLOWED WITHIN THE MAXIMUM OCCUPANCY LOAD OF THE INDOOR SEATING AREA

ACCESSIBLE PARKING FORMULA

ONE (1) SPACE FOR EVERY 25 PARKING SPACES PROVIDED. FOR EVERY EIGHT (8) ACCESSIBLE PARKING SPACES REQUIRED, ONE (1) SHALL BE VAN ACCESSIBLE

TOTAL BUILDING AREA, EXCLUSIVE OF INDOOR SEATING: NUMBER OF EMPLOYEES: OCCUPANCY LOAD OF INDOOR SEATING AREA:

TOTAL, NO. OF PARKING SPACES REQUIRED - 55

NO. OF ACCESSIBLE SPACES PROVIDED - 3 (1-VAN ACCESSIBLE) TOTAL NO OF PARKING SPACES PROVIDED - 58

DRIVE-THRU STACKING SPACES PROVIDED - 10

SHEET SHEET TITLE

CO 1

C0.2

C0.3

C1

C2

C2.1

02.2

C3

C4

C5

1.1

L1.1

12

11

COVER SHEET

TREE SURVEY

SITE PLAN

SITE DETAILS

SITE DETAILS

UTILITY PLAN

LANDSCAPE PLAN

IRRIGATION PLAN

LANDSCAPE DETAILS

ILLUMINATION PLAN

GRADING PLAN

DEMOLITION PLAN

ALTA/ACSM LAND TITLE SURVEY, SHEET 1

ALTA/ACSM LAND TITLE SURVEY, SHEET 2

SOIL EROSION AND SEDIMENTATION CONTROL PLAN

SHEET INDEX

#### PROJECT INFORMATION

**BOUNDARY DESCRIPTION** 

1,572 S.F. 12 EMPLOYEES

80 PFOPLE

LAND LOCATED IN THE CITY OF ROCHESTER HILLS, OAKLAND COUNTY, STATE OF MICHIGAN, AND

LINITING, 2. HAMPTON VILLAGE CENTRE CONDOMINIUM, ACCORDING TO THE MASTER DEED UNIT NOT, 2, HAMP-TON VICLAGE CENT HE CUNDOMINION, ACCORDING TO THE MASTER DEED RECORDED IN LIBER 11707, PAGE 158 AND FIRST AMENDMENT TO MASTER DEED RECORDED IN LIBER 12051, PAGE 807 AND AMENDMENDMENTS THERETO (IF ANY), AND DESIGNATED AS OAKLAND COUNTY CONDOMINIUM SUBDIVISION PLAN NO. 713, TOGETHER WITH RIGHTS IN GENERAL COMMON ELEMENTS AND LIMITED COMMON ELEMENTS SET FORTH IN THE ABOVE MASTER DEED AND AMENDMENTS THERETO AND AS DESCRIBED IN ACT 59 OF THE PUBLIC ACTS OF 1978, AND AMENDMENTS THERETO.

### 04.18.07 CITY REVIEW #1 08.24.07

CITY REVIEW #2 10.09.07 ADD ILLUMINATION PLAN 11.15.07

NOT TO BE USED FOR CONSTRUCTION DRAWINGS

P.O. BOX 193 1275 McGREGOR WAY GRAWN, MI 49637 PH: 231,943,0050

TOLL FREE: 877.520.LAND

W٦

PROJECT MANAGEMENT

10223 F. CHERRY BEND RD.

TRAVERSE CITY, MI 4968

CONTACT: BILL BECKETT PH: (231) 922-9250 FAX: (231) 922-9257

CITY FILE NUMBER 89-144.2 BUILDING TYPE T80-y07 2007 PLAN VERSION:

SITE NUMBER: 292-504 STORE NUMBER

4161

TACO BELL

2855 S. ROCHESTER ROAD ROCHESTER HILLS, MICHIGAN 48307



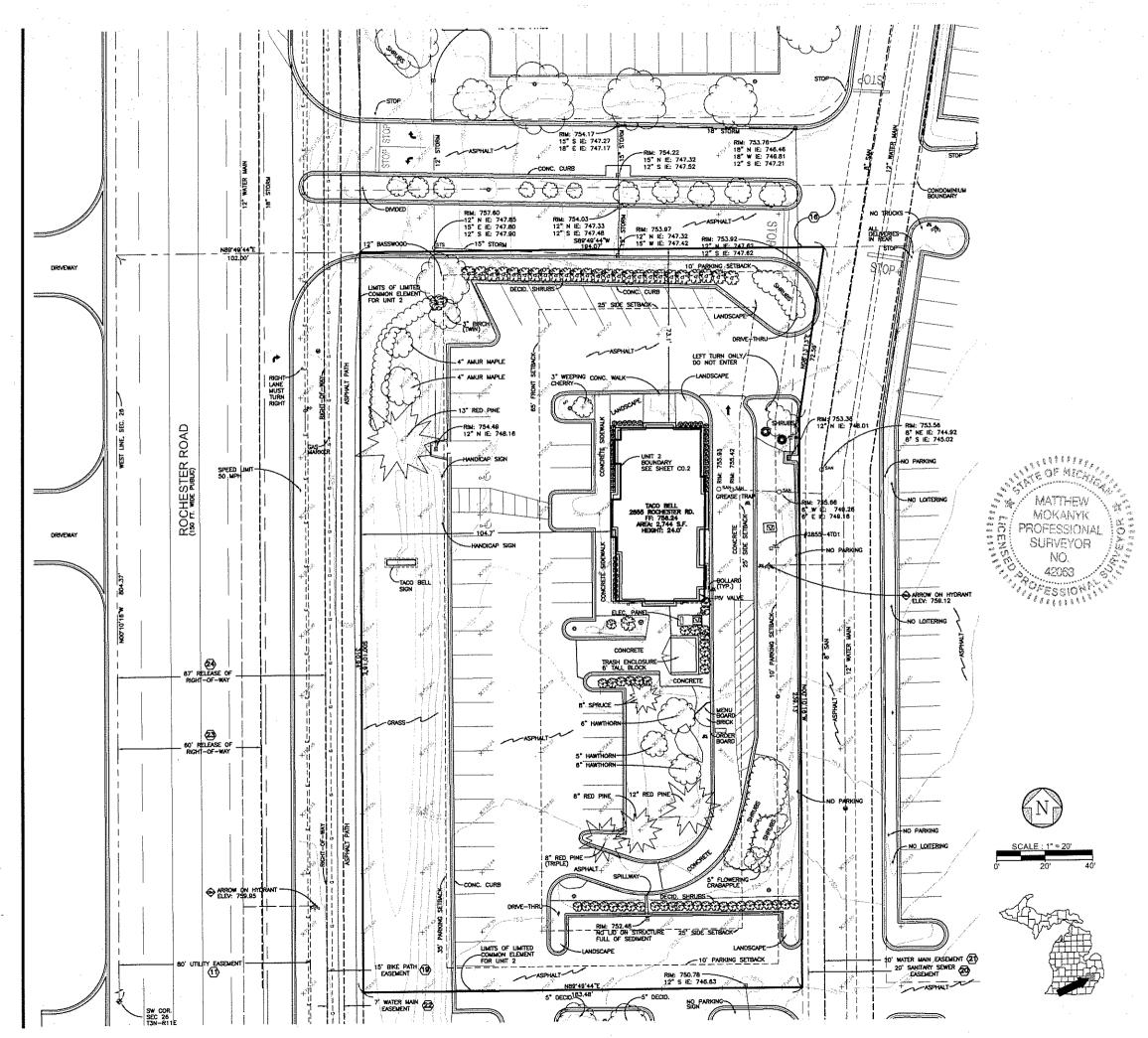
T80-y07

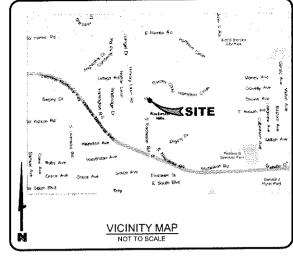
COVER SHEET

PLOT DATE:

11.15.07

**GENERAL SITE NOTES** 







WT

PROJECT MANAGEMENT

10223 E. CHERRY BEND RD.

TRAVERSE CITY, MI 49684

CONTACT: BILL BECKETT

PH: (231) 922-9250 FAX: (231) 922-9257

# Legend of Symbols & Abbreviations

IRON SET
P.K. NAIL FOUND
P.K. NAIL SET MONUMENT FOUND RECORD (M) MEASURED OSTS STORM MANHOLE

ROUND CATCH BASIN

OPP POWER POLE GUY GUY POLE LIGHT POLE

WATER WELL WATER VALVE 45% HYDRANT

D. ELECTRIC MANHOLE OF ELECTRIC METER A MONITORING WELL

TELEPHONE MANHOLF OTO. TELEPHONE PEDESTAL

SIGN POST - POST
- FENCE LINE

GAS METER PV GAS VALVE © CLEAN OUT

WATER MANHOLE

FLAG POLE GROUND LIGHT

# ALTA/ACSM Land Title Survey

red Upon Title Commitment No. 630445485NBU CHICAGO TITLE INSURANCE CORPORATION bearing an effective date of October 24, 2006.

to Taco Bell Corporation, a California corporation, and its affiliates, and to insurrance Company, that this plat represents a survey made by me or under n on the 13th day of March 2007, of the real property described as follows: LAND LOCATED IN THE CITY OF ROCHESTER HILLS, DAKLAND COUNTY, STATE OF MICHIGAN, AND DESCRIBED AS FOLLOWS:

UNIT NO. 2, HAMPTON VILLAGE CENTRE CONDOMINIUM, ACCORDING TO THE MASTER DEED RECORDED IN 1988 11707, PAGE 158 AND FIRST AMEDIMMENT TO MASTER DEED RECORDED IN LIBER 1205, PAGE 807 AND AMEDIMENTOMENTS THERETO (F. AVY), AND DESIGNATED AS DAILAND COUNTY CONDOMINIUM SUBDIVISION PLAN NO. 713, TOCCTHER WITH RIGHTS IN GENERAL COMMON ELEMENTS AND LIMETED COMMON ELEMENTS FORTH IN THE ABOVE MASTER DEED AND AMEDIMENTS THERETO AND AS DESCRIBED IN ACT 59 OF THE PUBLIC ACTS OF 1978, AND AMEDIMENTS THERETO.

and said survey and plot conform to Yum's Survey Requirements, and the "minimum standard detail requirements for ALTA/ACSM land title surveys" jointly established and adopted by ALTA, ACSM, and NSPS in 2005, and includes Items 2, 3, 4, 5, 7s, 7b, 8, 1b, 12, 13 and 19 of Table A. Pursuant to occurrocy standards as adopted by ALTA, ACSM, and NSPS and in effect on the data of the survey, the positional uncertainties



### Site Information

ZONING CONTACT: ED ANZEK, PLANNING DIRECTOR (248) 856-4850 PHONE 1000 ROCHESTER HILLS DRIVE ROCHESTER HILLS, MICHIGAN 48309

SUBJECT SITE: ZONED "B-3" SHOPPING CENTER BUSINESS DISTRICT

1.32 ACRES OR 57,432 SQ. FT. (UNIT 2 + LIMITED COMMENT ELEMENT)

SETBACKS:

HEIGHT RESTRICTIONS:

DENSITY RESTRICTIONS





LTD. COMMON ELEMENT AREA: 1.32 AC

TACO BELL

2856 ROCHESTER ROAD SOUTH

CITY FILE NUMBER DATE

DRAWN BY:

CHECKED BY

SITE NUMBER:

89-144.2

04.18.07

JU

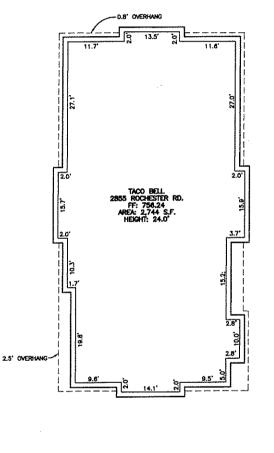
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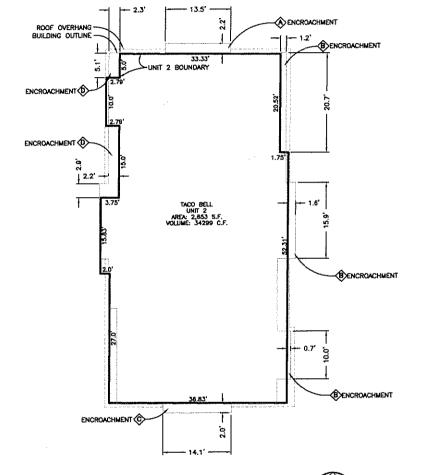
333-394

ALTA/ACSM **LAND TITLE** SURVEY SHEET 1

CO.1

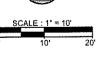
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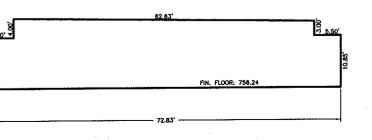












**UNIT 2 SECTION** SCALE: 1" = 10"

# Surveyor's Notes

ALL FIELD MEASUREMENTS MATCHED RECORD DIMENSIONS WITHIN THE PRECISION REQUIREMENTS OF ALTA/ACSM SPECIFICATIONS UNLESS OTHERWISE SHOWN.

BEARINGS BASIS IS NOI110'16'W; BEARINGS ARE BASED ON THE HAMPTON VILLAGE CENTRE-CONDOMINIUM, AS RECORDED IN LIBER 11707, PAGE 158 AND FIRST AMENIOMENT RECORDED IN LIBER 12031, PAGE 807.

ELEVATION OF THIS SURVEY ARE BASED USGS NGVO 1929 DATUM.

### Flood Note

By graphic plotting only, this property is in Zone(s) "C" of the Flood insurance Rate Map, Community Panel No. 280471 0020 B which bears an effective date of 09/02/1894 and is NOT in a Special Flood Hazard Area. According to Caldand County GS, since no especial flood hazards exist in this area, FEMA has not produced an updated map panel. According to the FEMA web sits Mapping Information Platform, this property is in Zone X\*. 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 Emergency Management Agency.



# Survey Description

THIS SURVEY DESCRIPTION DESCRIBES THE PARCEL AS DESCRIBED IN CHICAGO TITLE INSURANCE COMPANY COMMITMENT NUMBER 630445485NBU, BEARING AN EFFECTIVE DATE OCTOBER 24, 2008.

LAND LOCATED IN THE CITY OF ROCHESTER HILLS, OAKLAND COUNTY, STATE OF MICHIGAN, AND DESCRIBED AS FOLLOWS:



PROJECT MANAGEMENT

10223 E. CHERRY BEND RD. TRAVERSE CITY, MI 49684

CONTACT: BILL BECKETT PH: (231) 922-9250 FAX: (231) 922-9257

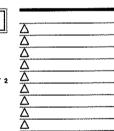
### Statement of Encroachments

- SUBJECT PROPERTY'S BUILDING ENCROACHES 2.2 FEET ALONG NORTHERLY LINE OF UNIT 2 INTO LIMITED COMMON ELEMENT FOR UNIT 2 OVER A DISTANCE OF 13.5 FEET.
- B Subject property's building encroaches along the easterly line of unit 2 into limited common element for unit 2 from 0.7 feet to 1.6 feet.
- SUBJECT PROPERTY'S BUILDING ENCROACHES 2.0 FEET ALONG THE SOUTHERLY LINE OF LINIT 2 INTO LIMITED COMMON ELEMENT FOR LINIT 2 OVER A DISTANCE OF 14.1 FEET.
- $\stackrel{\textstyle \bullet}{\bigoplus}$  subject property's building encroaches along the westerly line of unit 2 into limited common element for unit 2 from 2.2 feet to 2.3 feet.

# Notes Corresponding to Schedule B

- 11. JOINT RIGHT OF WAY IN FAVOR OF THE DETROIT EDISON COMPANY AND MICHIGAN BELL TELEPHONE COMPANY RECORDED IN LIBER 4522, PAGE 885. PLOTTED HEREON.
  - DECLARATION OF RESTRICTIONS AND EASEMENTS NON RESIDENTIAL RECORDED IN LIBER 6033, PAGE 319 AND AMERIOMENT TO DECLARATION OF RESTRICTIONS AND EASEMONTS NONRESSIDENTIAL RECORDED IN LIBER 848, PAGE 90, DOES NOT AFFECT PARCEL

- DECLARATION OF EASEMENTS AND RESTRICTIONS RECORDED IN LIBER 11462, PAGE 772, AND RIST AMENIMENT TO DECLARATION OF EASEMENTS AND RESTRICTIONS RECORDED IN LIBER 11507, PAGE 231. DOES NOT AFFECT PARCEL
- OPERATION AND EASEMENT RECORDED IN LIBER 10487, PAGE 840 AND FIRST AMENIMENT TO OPERATION AND EASEMENT RECORDED IN LIBER 11299, PAGE 229, AND SECOND MAIDDMENT TO OPERATION AND DESCRIPT RECORDED IN LIBER 11387, PAGE 835 AND THRO AMENIMENT TO OPERATION AND EASEMENT RECORDED IN LIBER 12257, PAGE 844. PLOTTED HIGHERY TO OPERATION AND EASEMENT RECORDED IN LIBER 12257, PAGE 864. PLOTTED HIGHERY 1257, PAGE 865. PLOTTE
  - 17. LIGHTING AGREEMENT RECORDED IN LIBER 11279, PAGE 9. NOT A PLOTTABLE DOCUMENT
- WATERMAIN EASEMENT IN FAVOR OF THE CITY OF ROCHESTER HILLS RECORDED IN LIBER 12805, PAGE 226 AND LIBER 14875, PAGE 708. DOES NOT AFFECT PARCEL.
- 20. SANITARY SEWER EASEMENT IN FAVOR OF THE CITY OF ROCHESTER HILLS RECORDED IN UBER 14865, PAGE 593. PLOTTED HEREON.
- 21. WATERMANN EASEMENT IN FAVOR OF THE CITY OR ROCHESTER HILLS RECORDED IN LIBER 14865, PAGE 601. PLOTTED HEREON.
- 22. EASEMENT GRANTED TO THE COUNTY OF QAKLAND RECORDED IN LIBER 16224, PAGE 484 PLOTTED HEREON.
- 23. HICHMAY EASEMENT RELEASE IN FAVOR OF THE STATE OF MICHIGAN RECORDED IN LIBER 1802, PAGE 472. PLOTTED HEREON. 24. HICHWAY EASEMENT RELEASE IN FAVOR OF THE STATE OF MICHIGAN RECORDED IN LIBER 5032, PAGE 647. PLOTTED HEREON.



CITY FILE NUMBER: 89-144.2 04 18 07 DRAWN BY JU CHECKED BY

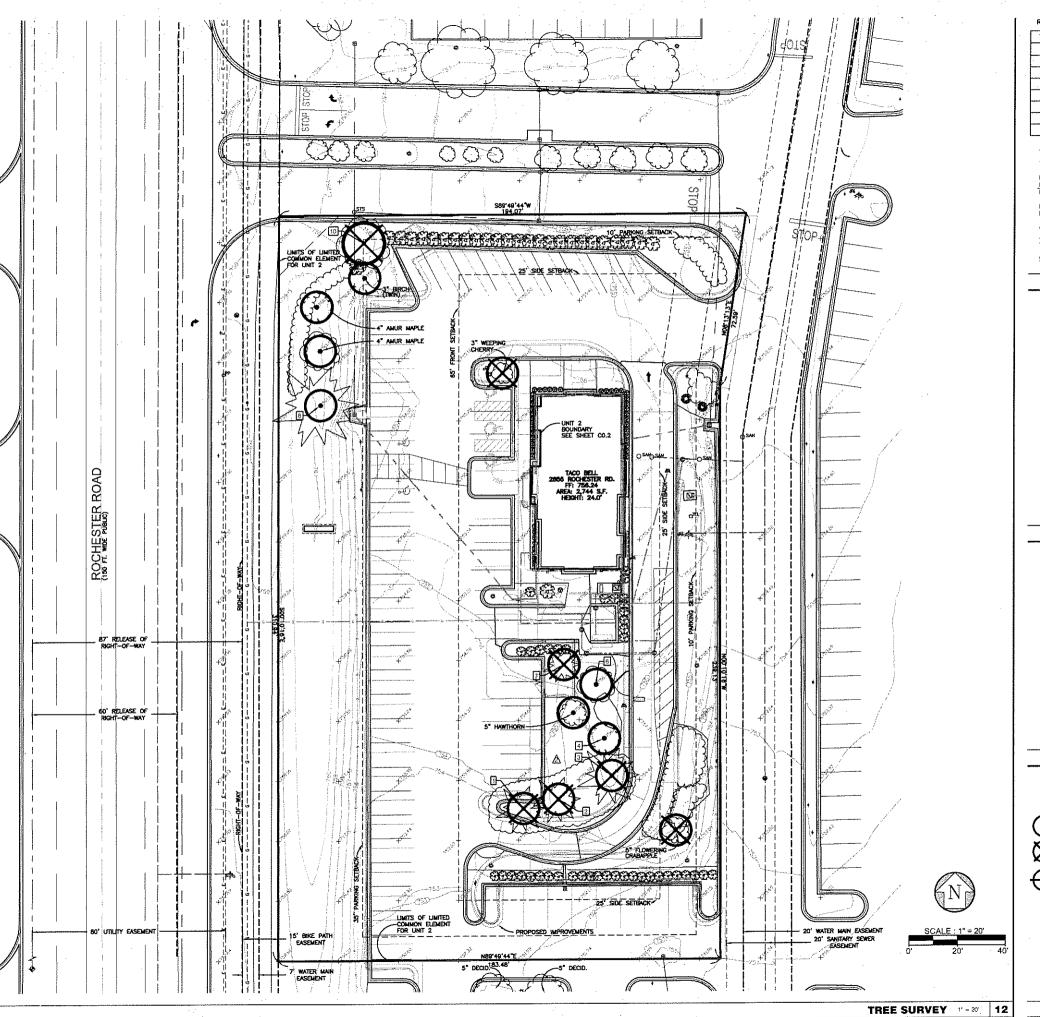
LTD. COMMON ELEMENT AREA: 1 32 AC ENTITY NUMBER: SITE NUMBER:

TACO BELL

2855 ROCHESTER ROAD SOUTH ROCHESTER HILLS, MI 48307



ALTA/ACSM **LAND TITLE** SURVEY SHEET 2



REGULATED TREES

TAG	DBH*	COMMON NAME	BOTANICAL NAME	SAVE/REMOVE	
1	8"	RED PINE (TRIPLE)	Pinus resinosa	REMOVE	
2	8"	RED PINE	Pinus resinosa	REMOVE	
3	12"	RED PINE	Pinus resinoso	REMOVE }	
4	6"	WASHINGTON HAWTHORN	Crataegus phaenopynum	SAVE	
6	6"	WASHINGTON HAWTHORN	Crotaegus phaenopyrum	SAVE	
7	8"	COLORADO SPRUCE	Picea pungena	REMOVE	
8	13"	RED PINE	Pinus resinosa	SAVE	
10	12"	BASSWOOD	Tilia americana	REMOVE	

\*NOTE: DBH MEANS DIAMETER AT BREAST HEIGHT, MEASURED 4 1/2 FEET ABOVE GROUND. ON MULTISTEM TREES, THE LARGEST DIAMETER STEM IS MEASURED.

12" BASSWOOD IS TO BE REMOVED DUE TO TRUNK DAMAGE.

NUMBER OF TREE REPLACEMENT CREDITS REQUIRED NUMBER OF TREE REPLACEMENT CREDITS PROVIDED

DRIP LINE OR 6 FEET

FROM TRUNK

(WHICHEVER IS GREATER)

8' white spruce (1 credit each = 3 credits) 3" caliper littleleaf linden (2 credit each = 6 credits) 2" caliper skyline thornless honeylocust (1 credit)

SEE LANDSCAPE PLAN, SHEET L1, FOR LOCATION AND TYPE OF PROPOSED TREES.

### TREE SCHEDULE

-METAL "T" POSTS @ 5'-0" O.C. MAX.

MESH FENCING

EXISTING NATIVE

4

PROJECT MANAGEMENT

10223 E. CHERRY BEND RD. TRAVERSE CITY, MI 49684

CONTACT: BILL BECKETT PH: (231) 922-9250 FAX: (231) 922-9257

### TREE PROTECTION DETAIL

- APPROVED TREE PROTECTION SHALL BE ERECTED PRIOR TO THE START OF CONSTRUCTION ACTIVITIES, AND SHALL REMAIN IN PLACE UNTIL CONSTRUCTION IS COMPLETE. THE CITY'S LANDSCAPE CONSULTANT SHALL BE NOTIFIED AFTER THE TREE PROTECTION IS IN PLACE, PRIOR TO CONSTRUCTION ACTIVITIES INCLUDING DELIVERY OF MATERIALS.
- NO PERSON MAY CONDUCT ANY ACTIVITY WITHIN THE DRIP LINE OF ANY TREE DESIGNATED TO REMAIN, INCLIDING, BUT NOT LIMITED TO, PLACING SOLVENTS, BUILDING MATERIALS, CONSTRUCTION EDUIPMENT, OR SOL DEPOSITS WITHIN THE DRIP LINES.
- GRADE CHANGES MAY NOT OCCUR WITHIN THE DRIP LINES OF PROTECTED TREES.
- 4. DURING CONSTRUCTION, NO PERSON SHALL ATTACH ANY DEVICE OR WIRE TO ANY REMAINING TREE.
- 6. SWALES SHALL BE ROUTED TO AVOID THE AREA WITHIN THE ORIP UNIES OF PROTECTED TREES.
- 8. REQUILITED TREES LOCATED ON ADJACENT PROPERTY THAT MAY BE AFFECTED BY CONSTRUCTION ACTIVITIES MUST BE PROTECTED.

### TREE PROTECTION NOTES

SAVE AND PROTECT TREE
PER DETAIL 2/CO.3 REMOVE TREE

RELOCATE TREE

IRON SET P.K. NAIL FOUND P.K. NAIL SET MONUMENT FOUND RECORD

MEASURED ROUND CATCH BASIN SOLIARE CATCH BASIN

O'SAN SANITARY MANHOLE OPP POWER POLE

LIGHT POLE WATER WELL WATER VALVE

 SIGN POST
 POST .CV GAS VALVE

CLEAN OUT FLAG POLE

© ELECTRIC WANHOLE

MONITORING WELL

TELEPHONE MANHOLE

OTEL TELEPHONE PEDESTAL

WATER MANHOLE

PLOT DATE:

LEGEND

2 CITY REVIEW #1 07.18.07 CITY REVIEW #2 10.11.07

> CITY FILE NUMBER: 89-144.2 DRAWN BY:

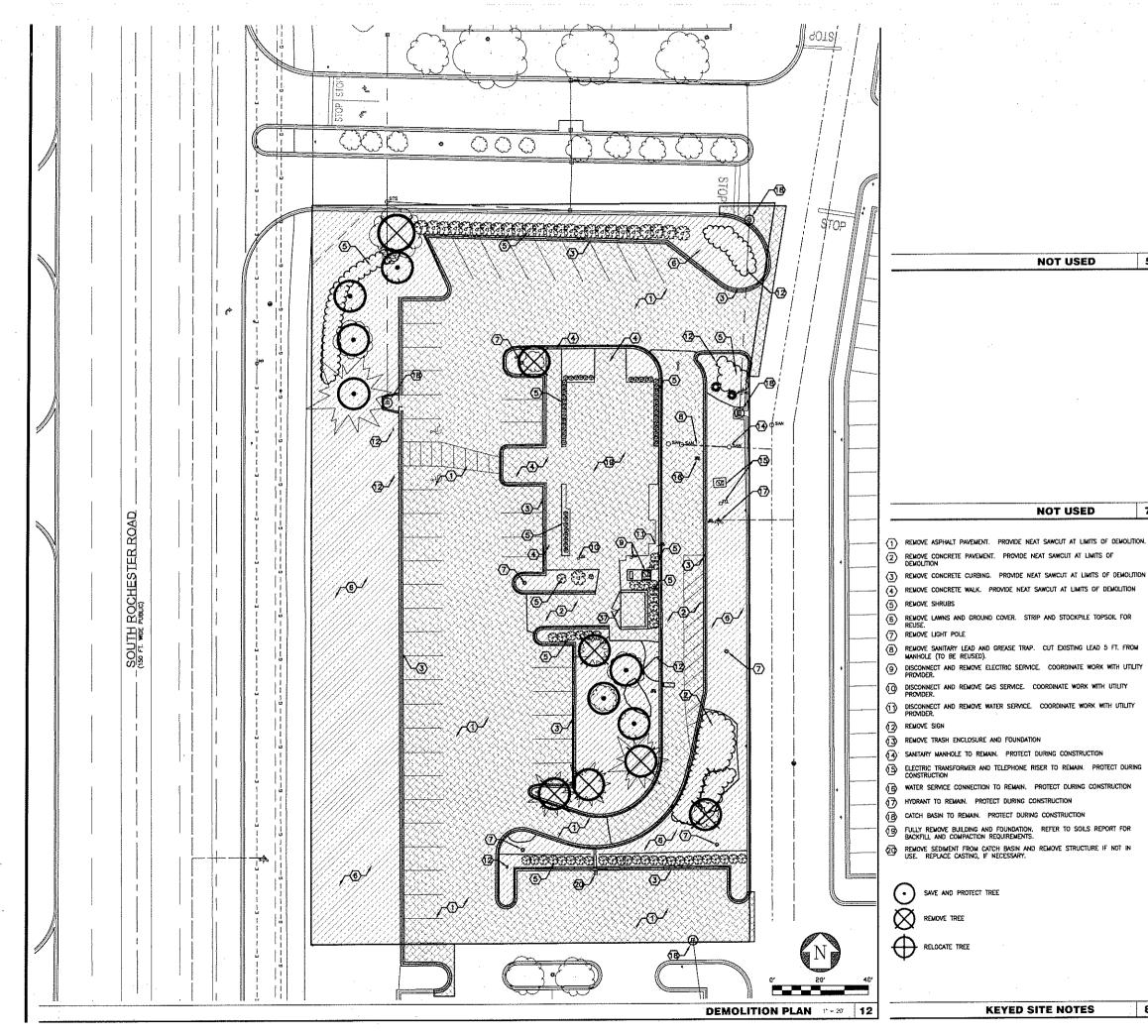
CHECKED BY: LTD, COMMON ELEMENT AREA: 1.32 AC ENTITY NUMBER: 333-394 SITE NUMBER: 292-504

TACO BELL

2855 ROCHESTER ROAD SOUTH ROCHESTER HILLS, MI 48307



TREE SURVEY



ALL EXISTING STREET CURBING SHOWN TO BE REMOVED SHALL BE SAWCUT TO FULL DEPTH. PROVIDE NEAT AND CLEAN CUTS PARALLEL TO THE BACK OF CURB. INTERSECTING CUTS SHALL BE SQUARE.

PRIOR TO STARTING CONSTRUCTION THE CONTRACTOR SHALL BE RESPONSIBLE TO MAKE SURE THAT ALL REQUIRED PERMITS AND APPROVALS HAVE BEEN OBTAINED. NO CONSTRUCTION OR FABRICATION SHALL BEGIN UNTIL THE CONTRACTOR HAS RECEIVED AND THOROUGHLY REVIEWED ALL PLANS AND OTHER DOCUMENTS APPROVED BY ALL OF THE PERMITTING AUTHORITIES

ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THESE PLANS, SPECIFICATIONS AND THE REQUIREMENTS AND STANDARDS OF THE LOCAL GOVERNING AUTHORITY. THE SOILS REPORT AND RECOMMENDATIONS SET FORTH THEREIN AREA PART OF THE REQUIRED CONSTRUCTION DOCUMENTS AND TAKE PRECEDENCE UNLESS SPECIFICALLY NOTED OTHERWISE ON THE PLANS. THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION MANAGER OF ANY DISCREPANCY DETWEEN THE FOILS PEPDIT & THE PLANS FTO. BETWEEN THE SOILS REPORT & THE PLANS, ETC.

DEMOLITION/SITE CLEARING: SEE CIVIL DRAWINGS AND GEOTECHNICAL REPORT FOR EXTENT OF SITE DEMOLITION, THIS WORK SHALL INCLUDE REMOVAL OF ALL EXISTING PAVEMENTS, CURBS (U.O.N.), LIGHT POLES (INCLUDING FOOTINGS), VEGETATION (INCLUDING STUMPS), UTILITIES (NOT OTHERWISE REUSED), ETC., AS REQUIRED FOR NEW CONSTRUCTION

**NOT USED** 

**NOT USED** 

SITE GRADING SHALL BE PERFORMED IN ACCORDANCE WITH THESE PLANS & SPECIFICATIONS AND THE RECOMMENDATIONS SET FORTH IN THE SOILS REPORT REFERENCED IN THIS PLAN SET. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING & REPLACING ALL SOFT, YELDING OR UNSUITABLE MATERIALS AND REPLACING WITH SUITABLE MATERIALS AS SPECIFIED IN THE SOILS REPORT. ALL EXCAVATED OR FILLED AREAS SHALL BE COMPACTED AND MOISTURE CONDITIONED AS SPECIFIED IN THE SOILS REPORT. OWNER WILL REQUIRE COMPACTION VERIFICATION PREPARED BY A QUALIFIED SOILS REPORT OF THE SOILS PROPERTY OF THE SOILS SECRIPTED OF THE SOILS SECRIPTED OF THE SOILS SECRIPTED OF THE SOILS SECRIPTED OF THE SOILS REQUIRE COMPACTION VERIFICATION PREPARED BY A QUALIFIED SOILS ENGINEER, OR THIRD PARTY VENDOR, REGISTERED WITHIN THE STATE WHERE THE WORK IS PERFORMED, VERIFYING THAT ALL FILED AREAS AND SUBGRADE AREAS WITHIN THE SUILDING PAD AREA AND AREAS TO BE PAVED HAVE BEEN COMPACTED IN ACCORDANCE WITH THESE PLANS AND SPECS, AND THE RECOMMENDATIONS SET FORTH IN THE

THE SURVEY SHALL BE CONSIDERED A PART OF THESE PLANS. THE G.C. IS RESPONSIBLE FOR LOCATING IMPROVEMENTS PER THESE

THE LOCATIONS OF UNDERGROUND FACILITIES SHOWN ON THESE PLANS ARE BASED ON FIELD SURVEYS AND LOCAL UTILITY COMPANY RECORDS. IT SHALL BE THE CONTRACTORS FULL RESPONSIBILITY TO CONTACT THE APPROPRIATE UTILITY COMPANY. NO COMPENSATIONS SHALL BE PAID TO THE CONTRACTOR FOR DAMAGE AND REPAIR TO THESE FACILITIES CAUSED BY THEIR WORK FORCE.

ALL DIMENSIONS AND GRADES SHOWN ON THE PLANS SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.
CONTRACTOR SHALL NOTIFY THE CONSTRUCTION MANAGER IF ANY DISCREPANCIES EXIST, PRIOR TO PROCEEDING WITH CONSTRUCTION, FOR NECESSARY PLAN OR GRADE CHANGES. NO EXTRA COMPENSATION SHALL BE PAID TO THE CONTRACTOR FOR WORK HAVING TO BE REDONE DUE TO DIMENSIONS OR GRADES SHOWN INCORRECTLY ON THESE PLANS IF SUCH NOTIFICATION HAS NOT BEEN CUES.

SEE CIVIL PLANS FOR ALL WORK IN STREET RIGHT-OF-WAY. HIGHWAY (IF APPLICABLE) AND CITY ENCROACHMENT PERMITS SHALL BE OBTAINED AND PAID FOR BY THE GENERAL CONTRACTOR.

REFER TO THE LANDSCAPE DRAWINGS FOR LANDSCAPE AREAS. VERIFY FINAL PLANTING PLAN WITH OWNER PRIOR TO THE START OF

ORANGE PROTECTIVE FENCING SHALL BE PLACED AT THE DRIP LINE

#### **DEMOLITION NOTES**

-9PP POWER POLE IRON FOUND JOUR GUY O IRON SET A P.K. NAIL FOUND OLP LIGHT POLE A PK NAH SET ELECTRIC TRANSFORME GPS MONUMENT DEM ELECTRIC METER MONUMENT FOUND EHH ELECTRIC HANDHOLE **(F)** MONUMENT SET WATER VALVE HYDRANT

(M) MEASURED OSTS STORM MANHOLE B CATCH BASIN □ SQUARE CATCH BASIN OSAN SANITARY MANHOLE

8

SANITARY CLEAN-OUT → NW MONITOR WELL

OTEL TELEPHONE PEDESTAL eS SIGN POST BENCHMARK OTEL TELCO, MANHOLE POST

4

GAS METER

GV GAS VALVE

LEGEND

GAS MARKER

3

PLOT DATE:

PROJECT MANAGEMENT

ANDTECH

P.O. BOX 193 P.O. BOX 193 1275 McGREGOR WAY GRAWN, MI 49637 PH: 231.943.0050 FAX: 231.943.0051 TOLL FREE: B77.520.LAND

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NOT TO BE USED FOR

CONSTRUCTION DRAWINGS 04 18:07 CITY REVIEW #1 08 24.07 CITY REVIEW #2 10.09.07 ADD ILLUMINATION PLAN 11.15.07

> 89-144.2 CITY FILE NUMBER: BUILDING TYPE T80-y07 PLAN VERSION: SITE MINNER 292-504

> > TACO BELL

STORE NUMBER:

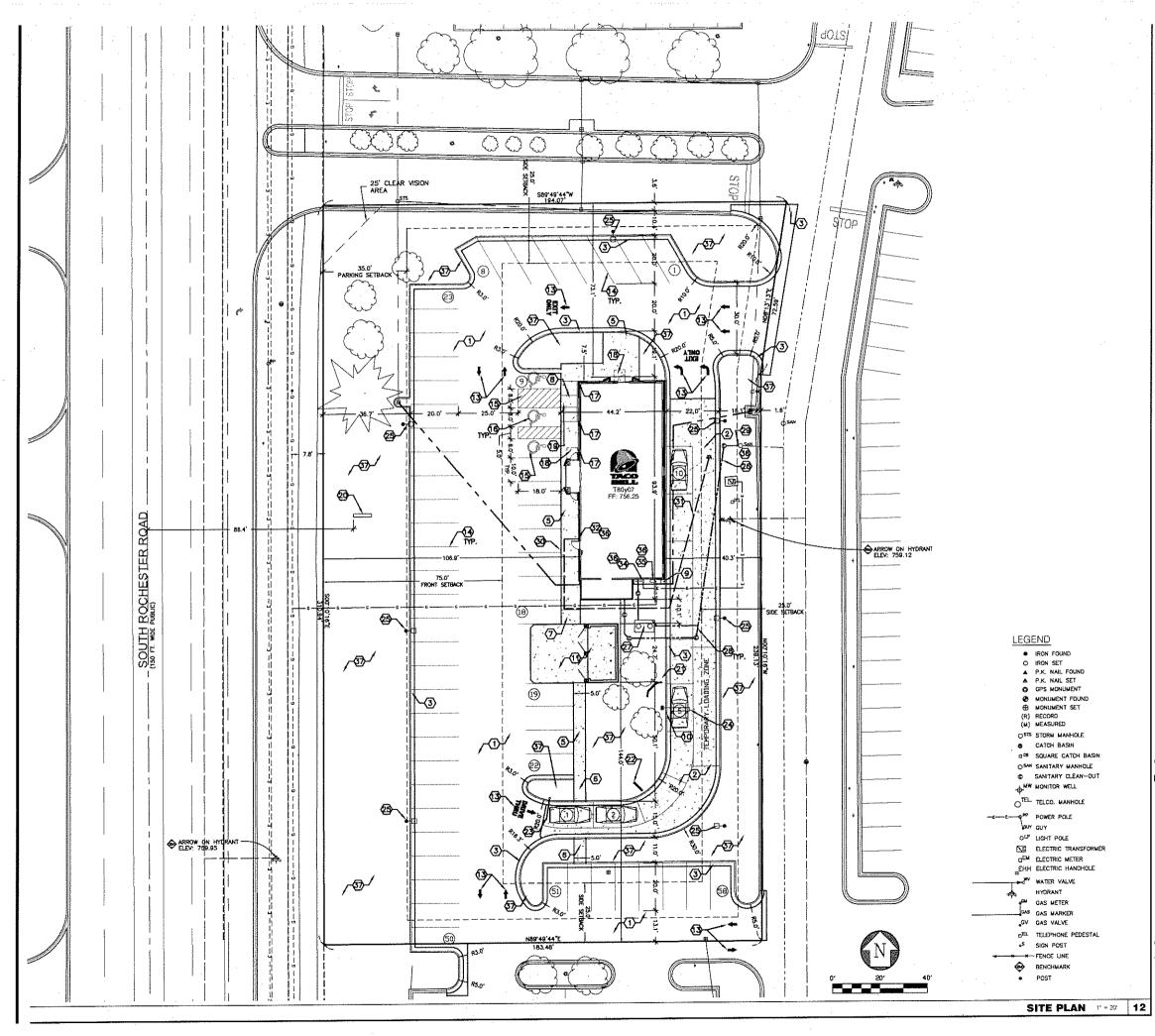
2855 S. ROCHESTER ROAD ROCHESTER HILLS, MICHIGAN 48307



T80-y07

**DEMOLITION** PLAN

11.15.67



- A.C. PAVING AND BASE, SEE DETAIL 2/C2.1 AND SOILS REPORT. CONSTRUCT 6-INCH CONCRETE PAVEMENT PER DETAIL 2/C2.1 AND SOILS REPORT.
- CONSTRUCT 6" P.C.C. CURB & GUTTER PER DETAIL 4/C2.2 (4) NOT USED
- CONSTRUCT P.C.C. CURB EDGE SIDEWALK PER DETAIL 6/C2.1.
- CONSTRUCT P.C.C. SIDEWALK PER DETAIL 7/C2.1.
- DEPRESS CURBING AND RAMP SIDEWALK TO MATCH BACK OF CURB GRADE
- CONSTRUCT P.C.C. DEPRESSED CURB RAMP MAX. SLOPE 1:12 REFER TO GRADING PLAN AND DETAILS 4/C2.1
- (9) INSTALL GUARD POST BOLLARD PER DETAIL 10/C2.1
- INSTALL BOLLARD AT CURB PER DETAIL 11/C2.1
- CONSTRUCT TRASH ENCLOSURE. ON 8" PCC PAD PER DETAIL 16/C2.1
- CONSTRUCT 140 LF. PRIVACY FENCE PER DETAIL 18/C2.2
- PAINT TRAFFIC ARROWS WHITE PER DETAIL 1/C2.2
- PAINT 4" WIDE PARKING STRIPES, WHITE REPLECTIVE PAINT
- STRIPE BARRIER-FREE SPACES PER DETAIL 1/C2.2
- PAINT HANDICAP SYMBOL WHITE ON BLUE BACKGROUND (1-VAN SPACE).
- ACCESSIBLE PARKING SIGN, PER DETAIL 2/C2.2 (1-VAN SPACE)
- (18) HANDICAP "SWING-SIDE" MANEUVERING SPACE AT ALL EXTERIOR DOORS. 2%
- MAX. SIDEWALK SLOPE, 2' TO STRIKE SIDE OF DOOR, 5' DUT FROM DOOR.
- (19) DETECTIBLE WARNING STRIPS PER ANSI A117.1/ADA GUIDELINES. WARNINGS SHALL EXTEND THE FULL WIDTH AND DEPTH OF THE RAMP. (20) 30 S.F. DOUBLE FACED, ILLUMINATED, MONUMENT SIGN (7 FT. OVERALL HEIGHT), BY SIGN SUPPLIER. SEE 8/L1.1. FOUNDATION BY SIGN COMPANY AND ROUGH ELECTRICAL BY G.C. UNDER SEPARATE PERMIT.
- MENU BOARD, SENSOR LOOP & ORDER CONFIRMATION BOARD BY SIGN SUPPLIER. FOUNDATION AND ROUGH ELECTRICAL BY G.C. (4.0 AMPS). REFER
- TO DETAIL 16/C2.2
- PREVIEW BOARD BY SIGN SUPPLIER. FOUNDATION AND ROUGH ELECTRICAL BY G.C. (2.2 AMPS). REFER TO DETAIL 8/C2.2
- SOFFIT CLEARANCE SIGN SUPPLIED BY OWNER, INSTALLED BY G.C. REFER TO DETAIL 4/C2.2
- (24) INSTALL TIMER LOOP AT ORDER CONFIRMATION BOARD PER DETAIL 16/C2.2
- 25 1000 watt (208) volt yard light w/sac lenses. Light fixtures supplied by owner, installed by G.C. Max. overall standard height = 26'-6". See detail 6/C2.2 and 10/C2.2
- (26) INSTALL 1.34 L.F. OF 6" SDR 23.5 PVC SANITARY SEWER LEAD W/ CLEANOUTS OF 75" O.C. SEE UTILITY PLAN FOR DETAILS
- (2) INSTALL 1,000-GALLON GREASE INTERCEPTOR PER DETAIL 12/C2.2. SEE UTILITY PLAN FOR LOCATIONS OF SEWER LATERALS, AND CLEANOUTS.
- CLEANOUT TO GRADE FOR BUILDING SEWERS. SEE PLUMBING PLANS AND DETAIL 9/C2.2
- (29) THE INTO EXISTING SANITARY SEWER LEAD (FIELD VERIFY). SEE UTILITY PLAN. 30 NOT USED
- (3) INSTALL 146 LF. 2" SDR 9 HDPE WATER SERVICE WITH TRACER WIRE. SEE UTILITY PLAN. (32) INSTALL WATER POINT OF ENTRY. SEE PLUMBING & CML PLANS. (BRING UP IN STUD WALL). PROVIDE SHUT OFF VALVE AT POINT OF ENTRY.
- (33) NOT USED
- (4) ELECTRICAL MAIN SWITCHBOARD. SEE ELECTRICAL DRAWINGS
- (3) GAS METER
- COORDINATE ALL UTILITY WORK WITH UTILITY COMPANIES.
- LANDSCAPE AREA. REFER TO LANDSCAPE DRAWINGS.

#### SIGNAGE NOTES

1. ALL SIGNAGE SHALL BE PERMITTED UNDER SEPARATE SIGN PERMIT BY SIGN VENDOR.

#### **KEYED SITE NOTES**

BUILDING INFORMATION: USE GROUP: A2 CONSTRUCTION TYPE: VB

BUILDING: 3,093 S.F. (WALK-IN COOLER/FREEZER: 174)

THE COOLER/FREEZER AREA OF THE BUILDING IS AN INCIDENTAL USE AREA PER TABLE 302.1.1 OF MICHIGAN BUILDING CODE 2003 AND IS REQUIRED TO BE SEPARATED BY A 1—HOUR FIRE BARRIER OR BE PROTECTED WITH AN AUTOMATIC FIRE SUPPRESSION SYSTEM.

FIRE LANES SHALL BE DESIGNATED BY THE FIRE CODE OFFICIAL, AND SHALL BE CONSPICUOUSLY POSTED ON BOTH SIDES OF THE FIRE LANE, WITH FIRE LAND SIGNS, SPACED NOT MORE THAN 100 FEET APART, "NO STOPPING, STANDING, PARKING, FIRE LANE", AND IN CONFORMANCE WITH THE MICHIGAN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. FIRE PREVENTION ORDINANCE CHAPTER 58, SEC. 506.

CONSTRUCTION SITES SHALL BE SAFEGUARDED IN ACCORDANCE WITH IFC 2006

OPEN BURNING IS NOT PERMITTED INCLUDING THE BURNING OF TRASH, DEBRIS, OR LAND CLEARING MATERIALS. OPEN BURNING FOR WARMING OF SAND AND/OR WATER FOR THE PREPARATION OF MORTAR SHALL BE WITHIN THE CITY OF ROCHESTER HILLS BURN PERMIT GUIDELINES. FIRE PREVENTION ORDINANCE CHAPTER 5B, SEC. 307.6.2 AND 307.6.2.3.

ALL INDIVIDUAL HDC SIGNS MUST BE 7 FEET IN HEIGHT FROM THE BOTTOM BLADE OF THE SIGN.

ALL ROOF TOP MECHANICAL EQUIPMENT REQUIRES SCREENING.

EXISTING TRANSFORMER PAD SHALL BE SCREENED WITH 5' TALL EVERGREEN PLANTINGS. SEE LANDSCAPE PLAN, SHEET L1.

**GENERAL NOTES** 

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NOT TO BE USED FOR CONSTRUCTION DRAWINGS

04 18.07 CITY REVIEW #1 08.24 07 CITY REVIEW #2 10 09 07 A ADD ILLUMINATION PLAN 11,15,07

CITY FILE NUMBER 89-1442 BUILDING TYPE: T80-y07 2007 PLAN VERSION: SITE NUMBER: 292-504

STORE NUMBER:

3

TACO BELL

4161

2655 S. ROCHESTER ROAD ROCHESTER HILLS, MICHIGAN 48307



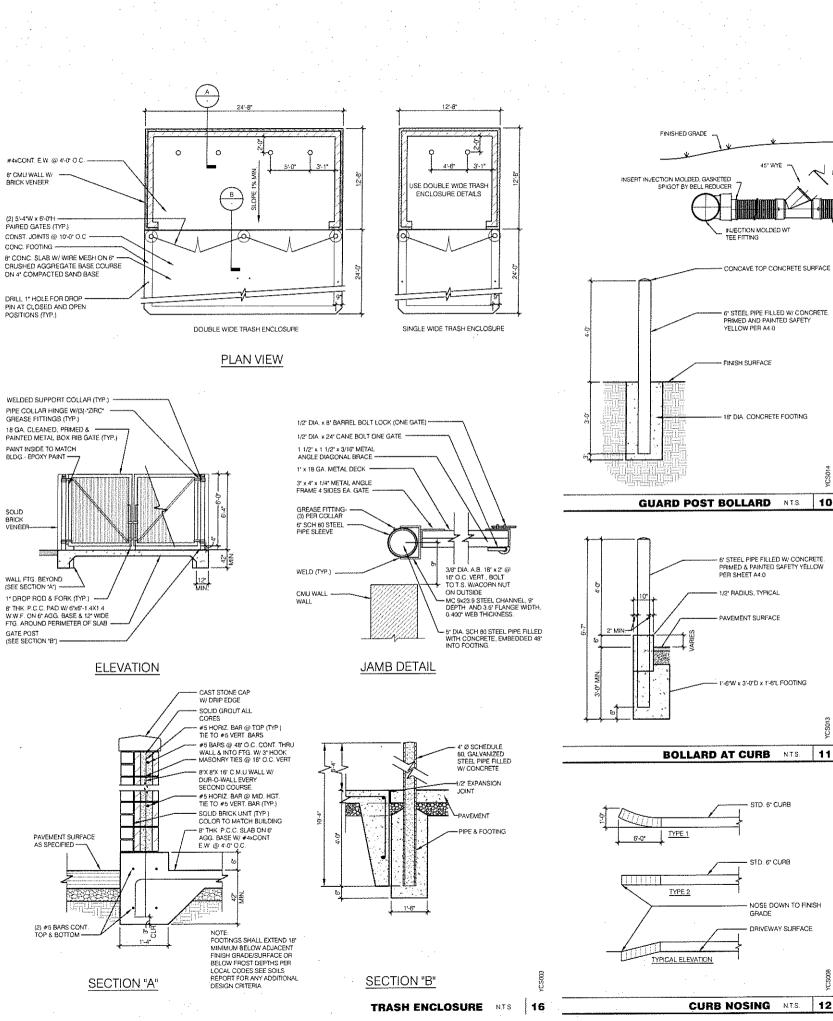
T80-y07

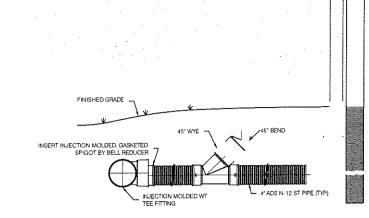
SITE PLAN

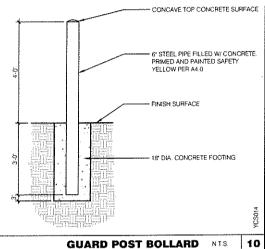
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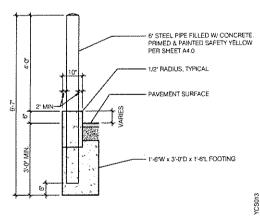
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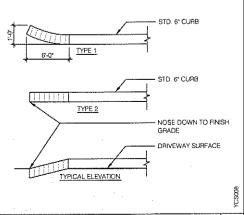
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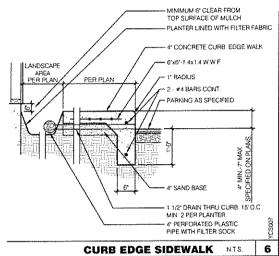


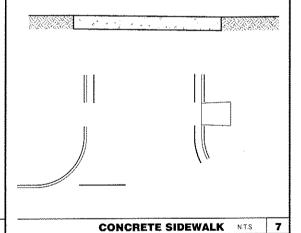


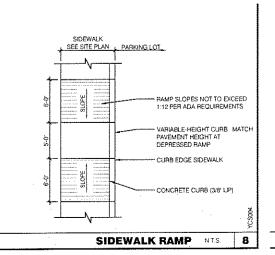


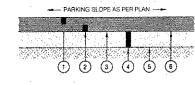


CURB NOSING N.T.S.





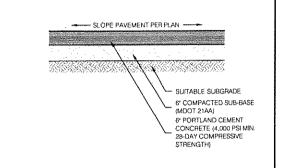




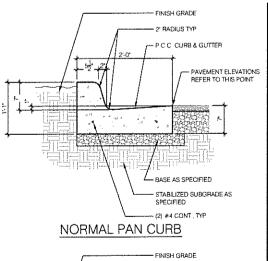
- 1 165 LB/SYD ASPHALT SURFACE COURSE (MDOT 36A)
- (2) 165 LB/SYD, ASPHALT BINDER COURSE (MDOT 13A)
- (3) TACK COAT
- (4) 8° COMPACTED SUB-BASE (MDOT 21AA)
- SUBGRADE SPECIFICATIONS AND COMPACTION TO BE COMPLETED IN ACCORDANCE WITH SOILS REPORT
- 6 PROOF ROLLING (PER SOILS REPORT/SITE ADAPT CONSULTANT

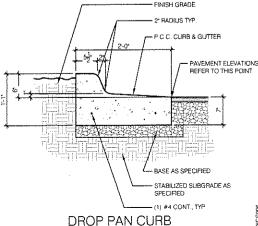
NOTE: PAVEMENT TYPE AND THICKNESS MUST CORRESPOND TO SITE-SPECIFIC SOILS REPORT.

### ASPHALT PAVEMENT NTS.



# CONCRETE PAVEMENT NIS.





CONCRETE CURB N.T.S.



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04.18.07 CITY REVIEW #1 08:24:07 ADD ELLIMINATION PLAN 11.15.07

CITY FILE NUMBER: 89-1442 BUILDING TYPE: T80-y07 PLAN VERSION 2007 SITE NUMBER: 292-504 STORE NUMBER: 4161

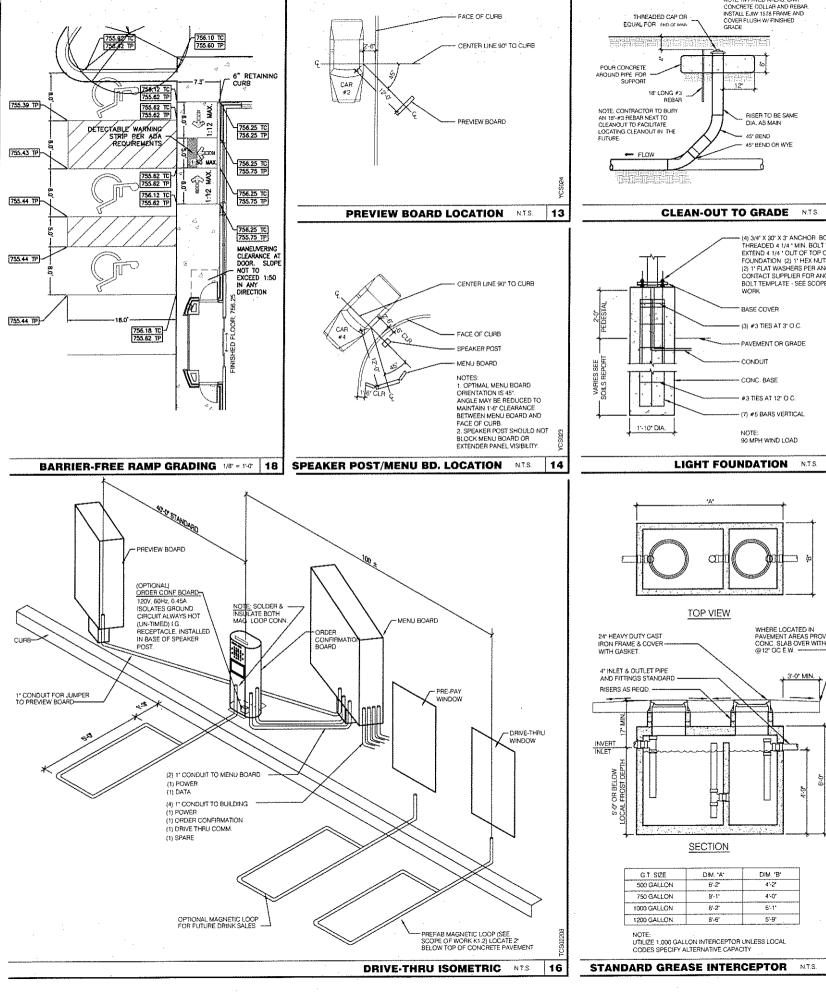
TACO BELL

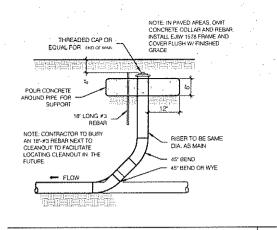
2855 S. ROCHESTER ROAD ROCHESTER HILLS, MICHIGAN 48307

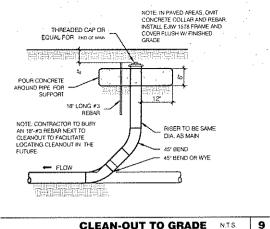


T80-y07

SITE **DETAILS** 







(4) 3/4" X 30" X 3" ANCHOR BOLTS - (4) 3/4" X 30" X 3" ANCHOR BOLTS THREADED 4 1/4" MIN BOLT TO EXTEND 4 1/4" OUT OF TOP OF FOUNDATION (2) 1" HEX NUTS AND (2) 1" FLAT WASHERS PER ANCHOR CONTACT SUPPLIER FOR ANCHOR

BOLT TEMPLATE - SEE SCOPE OF

(3) #3 TIES AT 3" O.C.

CONC. BASE

1'-10" DIA.

#3 TIES AT 121 O.C.

90 MPH WIND LOAD

WHERE LOCATED IN PAVEMENT AREAS PROVIDE 6' CONC. SLAB OVER WITH #5 @ 12' OC E.W.

3'-0" MIN.

10

LIGHT FOUNDATION N.T.S.

TOP VIEW

SECTION

DIM. \*A\*

6'-2"

8'-1'

8'-2'

8'-6'

G.T. SIZE

1000 GALLON

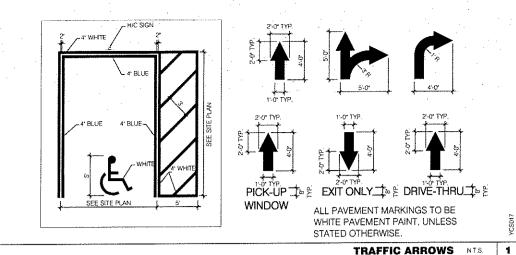
DIM. 'B'

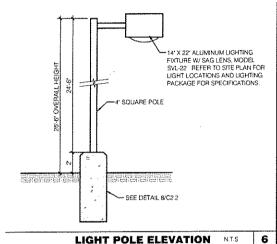
4-2

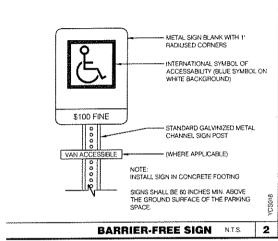
4'-0"

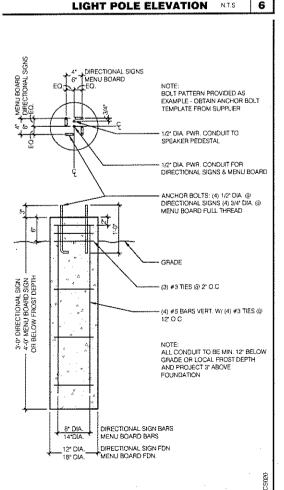
5'-1'

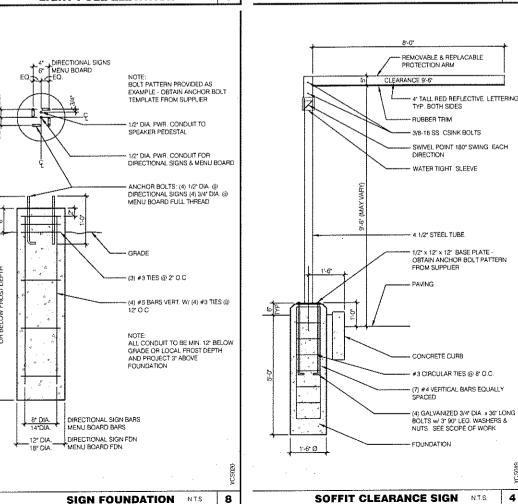
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PROJECT MANAGEMENT

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NOT TO BE USED FOR CONSTRUCTION DRAWINGS

04.18.07

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CITY F	RÉVIEW #2 10.09.07
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OTTY FILE NUMBER	89-144.2
BUILDING TYPE:	T80-y07
PLAN VERSION:	2007
SITE NUMBER:	292-504

TACO BELL

2865 S. ROCHESTER ROAD ROCHESTER HILLS, MICHIGAN 48307

STORE NUMBER

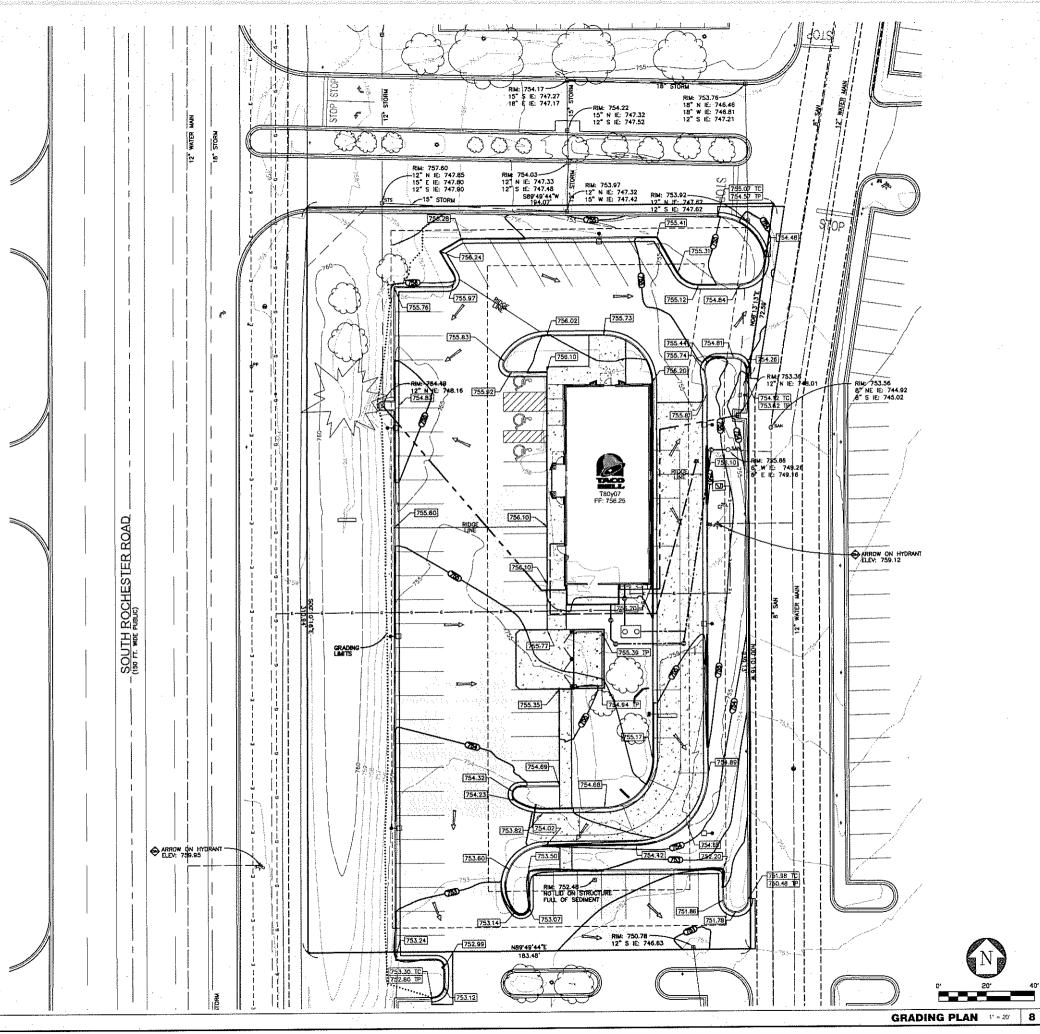


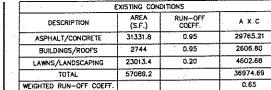
T80-y07

SITE **DETAILS** 

PLOT DATE:

4





PR	OPOSED CON	DITIONS	
DESCRIPTION	AREA (S.F.)	RUN-OFF COEFF.	AXC
ASPHALT/CONCRETE	32133.2	0.95	30526.54
BUILDINGS/ROOFS	3068.5	0.95	2915.08
LAWNS/LANDSCAPING	21899.1	0.20	4379.82
TOTAL	57100.8		37821.44
EIGHTED RUN-OFF COEFF.			0.66

NO SIGNIFICANT CHANGES TO EXISTING DRAINAGE PATTERNS ARE PROPOSED. DRAINAGE AREAS TO CATCH BASINS ARE TO REMAIN UNCHANGED.

#### **RUN-OFF COEFFICIENTS**

THE FORMS FOR CONCRETE SIDEWALKS, CURBS, GUTTERS, AND DRIVEWAYS THAT ARE TO BE CONSTRUCTED TO CONFORM TO EXISTING ROADS SHALL BE INSTALLED TO THE GRADES SHOWN ON THESE PLANS. PRIOR TO PLACING CONCRETE, THE FORMS SHALL BE INSPECTED AND APPROVED BY LOCAL JURISDICTION FOR CONFORMANCE TO EXISTING ROAD IMPROVEMENTS. GRADES OF NEW IMPROVEMENTS ARE SUBJECT TO FIELD ADJUSTMENT TO FIT CONDITIONS.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR MATCHING EXISTING FACILITIES TO AVOID ANY ABRUPT OR APPARENT CHANGES IN GRADES OR CROSS SLOPES, LOW SPOTS, OR HAZARDOUS CONDITIONS.

ALL GRADING, BACK FILLING, EXCAVATION, ETC., SHALL BE IN ACCORDANCE WITH THE RECOMMENDATIONS SET FORTH IN THE GEOTECHNICAL INVESTIGATION REPORT. REFER TO THIS REPORTS FOR ADDITIONAL INFORMATION NOT TRANSFERRED TO THESE PLANS. SOIL BORING LOCATIONS AND LOGS ARE INCLUDED IN THE REPORT.

WHERE UNSTABLE OR UNSUITABLE MATERIALS ARE ENCOUNTERED DURING SUBGRADE PREPARATION, THE AREA IN QUESTION SHALL BE OVER EXCAVATED AND REPLACED WITH ENGINEERED BACKFILL

A REPRESENTATIVE OF THE SOILS ENGINEER SHALL BE ON THE SITE DURING GRADING OPERATIONS AND SHALL OBSERVE THE CONSTRUCTION AND IDENTIFY ANY CONDITIONS THAT SHOULD BE CORRECTED AND RECOMMEND CORRECTIVE MEASURES TO THE CONTRACTOR.

ALL GRADING, EROSION, AND SEDIMENT CONTROL AND RELATED WORK UNDERTAKEN ON THIS SITE SHALL BE IN ACCORDANCE WITH LOCAL JURISDICTION.

THE CONTRACTOR SHALL NOT DISTURB ANY PERMANENT SURVEY POINTS WITHOUT THE CONSENT OF LOCAL JURISDICTION. ANY POINTS DESTROYED SHALL BE REPLACED BY A LICENSED SURVEYOR AT THE CONTRACTOR'S EXPENSE.

GRADING AT THE BOUNDARIES SHALL BE DONE SO AS NOT TO OBSTRUCT THE RUNOFF OF STORM WATERS FROM ADJACENT PROPERTIES.

ALL DISTURBED AREAS SHALL BE TOPSOILED, SEEDED, FERTILIZED AND MULCHED.

CONTRACTOR TO MAINTAIN ALL SOIL EROSION CONTROL MEASURES. SURROUNDING PAVED AREAS SHALL BE POWER BROOMED AS NECESSARY TO REMOVE MUD TRACKING FROM THE SITE.

ALL DISTURBED AREAS SHALL BE TOP SOILED, SEEDED, FERTILIZED AND

CONTRACTOR SHALL OBTAIN SOIL EROSION PERMIT PRIOR TO ANY

ALL STRUCTURES, SIDEWALKS, CURBS AND ASPHALT SHALL HAVE A ALL SIRUCTURES, SIDEWALKS, CURBS AND ASPHALT SHALL HAVE A MINIMUM OF 12" OF CLEAN GRANULAR MATERIAL (M.D.O.T. CLASS II) AS A SUB-BASE AND COMPACTED TO 95% MAXIMUM UNIT DENSITY. I PUMPING OR YELDING IS CAUSED BY THE COMPACTIVE EFFORTS, THE SAND LAYER SHALL BE INCREASED UNTIL DENSITY CAN BE OBTAINED WITHOUT PUMPING WATER THROUGH THE SUBGRADE.

#### **GRADING NOTES**

\*\*\*\*\*\*\* # GRADING LIMITS --- = SILT FENCE

> = DIRECTION OF RUNOFF - = STORM SEWER

> > = CATCH BASIN

= SPOT GRADE

SPOT ELEVATIONS REPRESENT TOP OF CURB GRADE UNLESS ANNOTATED OTHERWISE

= TOP OF CURB GRADE = TOP OF PAVEMENT GRADE



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1

PROJECT MANAGEMENT

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NOT TO BE USED FOR CONSTRUCTION DRAWINGS

04.18.07 CITY REVIEW #1.08.24.07 CITY REVIEW #2 10.09 07 A ADD ILLIMINATION PLAN 11.15.07

CITY FILE NUMBER 89-1442 BUILDING TYPE: T80-y07 PLAN VERSION: 2007 SITE NUMBER: 292-504 STORE NUMBER: 4161

TACO BELL

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4

2855 S ROCHESTER ROAD ROCHESTER HILLS, MICHIGAN 48307



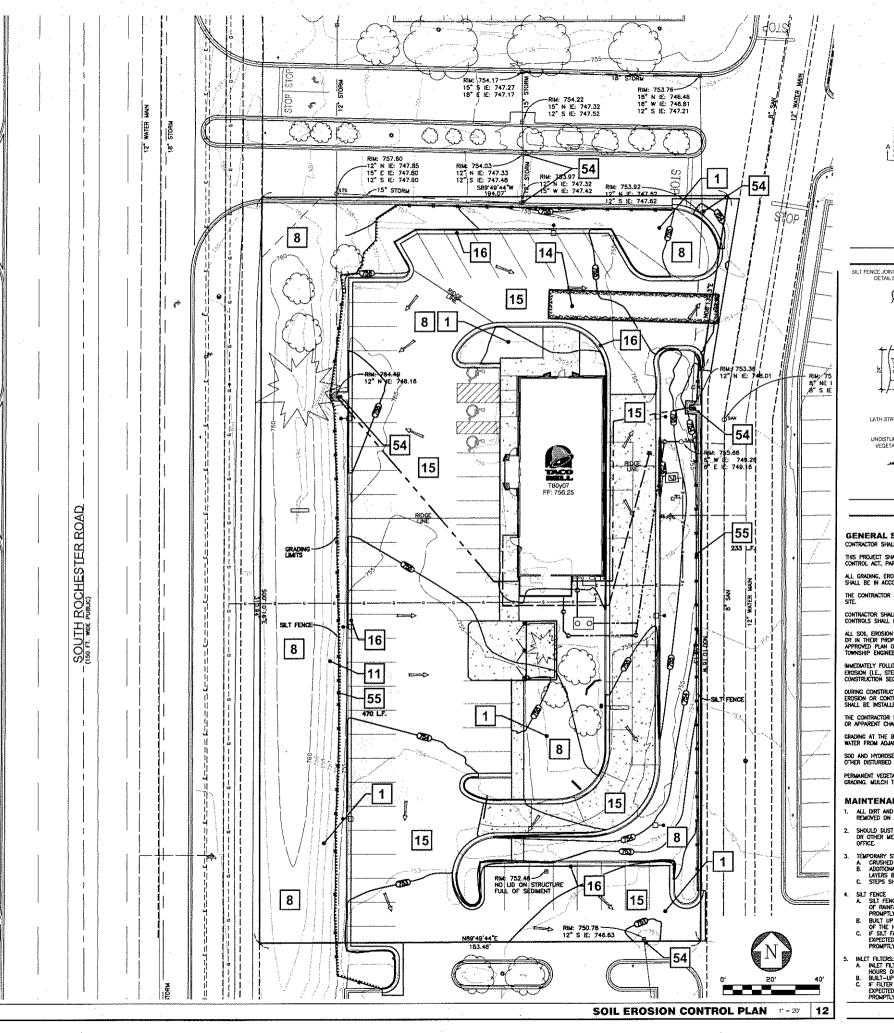
T80-y07

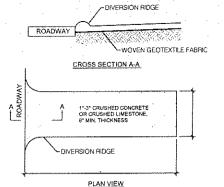
GRADING PLAN

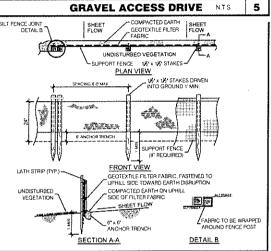
**GRADING LEGEND** 

PLOT DATE:

11 15.07







#### **GENERAL SOIL EROSION CONTROL NOTES:**

CONTRACTOR SHALL OBTAIN SOIL EROSION PERMIT PRIOR TO ANY CONSTRUCTION.

THIS PROJECT SHALL BE CONSTRUCTED IN COMPLIANCE WITH THE SOIL EROSION AND SEDIMENTAT CONTROL ACT, PART 91 OF PUBLIC ACT 451 OF 1994, AS AMENDED.

SILT FENCE N.I.S. 6

ul Grading, Erosion, and Sediment Control and Related Work Undertaken on this site Fiall be in accordance with Local Jurisdiction.

THE CONTRACTOR IS REQUIRED TO KEEP A COPY OF THE CERTIFIED PLAN AT THE CONSTRUCTION SITE.

ALL SOIL EROSION CONTROL PRACTICES TO BE INSTALLED PRIOR TO ANY MAJOR SOIL DISTURBANCE OR IN THEIR PROPER SEQUENCE AND MAINTAINED FOR ONE YEAR AFTER COMPLETION OF THE APPROVED PLAN OR UNTIL SUCH MEASURES ARE PERMANENTLY STABILIZED AS DETERMINED BY THE TOWNSHIP ENGINEER.

IMMEDIATELY FOLLOWING INITIAL DISTURBANCE OR ROUGH GRADING, ALL CRITICAL AREAS SUBJECT EROSION (I.E., STEEP SLOPES) WILL RECEIVE APPROPRIATE VEGETAINE COVER AS STATED IN THE CONSTRUCTION SEQUENCE.

DURING CONSTRUCTION, ANY ADDITIONAL CONTROL MEASURES AS DEEMED NECESSARY TO PREVEN EROSION OR CONTROL SEDMENT BEYOND THOSE MEASURES SHOWN ON THE APPROVED PLANS SHALL BE RESTALLED OR BINLIPED AT THE DIRECTION OF THE ENGINEER.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR MATCHING EXISTING FACILITIES TO AVOID ANY ABRUI OR APPARENT CHANGES IN GRADES OR CROSS SLOPES, LOW SPOTS, OR HAZARDOUS CONDITIONS. GRADING AT THE BOUNDARIES SHALL BE DONE SO AS NOT TO OBSTRUCT THE RUNOFF OF STORM WATER FROM ADJACENT PROPERTIES.

SOO AND HYDROSEEDING SHALL BE DONE IN ACCORDANCE WITH THE LANDSCAPING PLAN. ALL OTHER DISTURBED AREAS SHALL BE TOPSOILED, HYDROSEEDED, FERTILIZED AND MULCHED.

permanent vegetation to be seeded on all exposed areas within five (5) days after fin Grading, mulch to be used as necessary for protection until seeding is established.

### MAINTENANCE NOTES:

- ALL DIRT AND MUD TRACKED ONTO ROADS FROM THIS SITE DUE TO CONSTRUCTION SHALL BE REMOVED ON A DAILY BASIS BY THE CONTRACTOR.
- SHOULD DUST BECOME A PROBLEM AT THE SITE, THE CONTRACTOR SHALL PROVIDE WATERING OR OTHER METHOD OF DUST CONTROL ACCEPTABLE TO THE MACOMB COUNTY PUBLIC WORKS OFFICE.
- TEMPORARY STONE ACCESS DRIVE:
  A CRUSHED CONCRETE SHALL BE PLACED ON GEOTEXTILE FILTER CLOTH
  B. ADDITIONAL NAYERS OF STONE OR CRUSHED CONCRETE SHALL BE ADDED INSTALLED
  LAYERS BECOME COMPACTED.
  C STEPS SHALL BE TAKEN TO REPAIR IF RUTS OR POOLING WATER APPEAR.

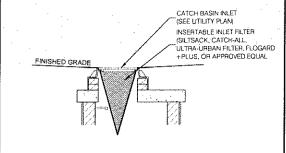
- SLI FEACE
  A. SILT FEACE SHALL BE INSPECTED WERKLY UNDER NORMAL CONDITIONS, WITHIN 24 HOURS
  OF RAINFALL AND DAILY DURING PROLONGED RAIN. REQUIRED MAINTENANCE SHALL BE
  PROMPTLY PROVIDED.
  B. BULT UP SEDIMENT SHALL BE REMOVED WHEN SEDIMENT ACCUMULATES TO 1/3 TO 1/2
  OF THE HODHT OF THE SILT FEACE AND AFTER EACH STORM EXENT.
  C. F. SLIT FARRIC DECOMPOSES OR BECOMES INFERTENCE PRIOR TO THE END OF THE
  EXPECTED USEABLE LIFE, AND THE BARRIER IS STILL REQUIRED, THE FABRIC SHALL BE
  PROMPTLY REPLACED.

- INLET FILTERS:

  A BILLET FILTERS: SHALL BE INSPECTED WEEKLY UNDER NORMAL CONDITIONS, WITHIN 24 HOURS OF RAINFALL AND DAILY DURING PROLONGED RAIN.

  B. BUILT-LIP SEMBLY AND DERRIS SHALL BE REMOVED PROMPTLY.

  F. FILTER FABRIC DECOMPOSES ON BECOMES INSPECTIVE PRIOR TO THE EMD OF THE EXPECTED USEAUEL LIFE, AND THE BARRIER IS STILL REQUIRED, THE FABRIC SHALL BE PROMPTLY REPLACED. **EROSION CONTROL NOTES**



KEY

8

36

54

55

PARCEL ADDRESS:

MICHIGAN UNIFIED KEYING SYSTEM

2855 S. ROCHESTER ROAD ROCHESTER HILLS, MICHIGAN 48307

LAND LOCATED IN THE CITY OF ROCHESTER HILLS, GAKLAND COUNTY, STATE OF MICHIGAN.

LINIT NO. 2. HAMPTON VILLAGE CENTRE CONDOMINIUM, ACCORDING TO THE MASTER DEED UNIT NO. 2, HAMPTON VILLAGE CENTRE CONDOMINIUM, ACCORDING TO THE MASTER DEED RECORDED IN LIBER 11707, PAGE 159 AND FIRST AMENDMENT TO MASTER DEED RECORDED IN LIBER 12051, PAGE 507 AND AMENDMENDMENTS THERETO (IF ANY), AND DESIGNATED AS OAKLAND COUNTY CONDOMINIUM SUBDIVISION PLAN NO. 73. TOGETHER WITH RIGHTS IN GENERAL COMMON ELEMENTS AND LIMITED COMMON ELEMENTS SET FORTH IN THE ABOVE MASTER DEED AND AMENDMENTS THERETO AND AS DESCRIBED IN ACT 59 OF THE PUBLIC ACTS OF USES AND AMENDMENTS THERETO.

ACCORDING TO USDA SOILS INFORMATION, THE ENTIRE SITE CONSISTS OF CAPAC SANDY LOAM, 0 TO 4 PERCENT SLOPES

SOIL EROSION CONTROL MEASURES

-identify construction limits -install silt fence

AND TOPSOIL

-CONSTRUCT STONE ACCESS DRIVE

-MAINTAIN CONTROL MEASURES

-REMOVE STONE ACCESS DRIVE -MAINTAIN OTHER CONTROL MEASURES

-remove silt fence -remove inlet filters on catch basins

-- Install inlet filters -- Maintain control measures

-MAINTAIN CONTROL MEASURES

-topsoil and sod -install landscaping -maintain control measures

-sawcut and remove curbing, asphalt, utilities, and structures, strip vegetation

**PROJECT INFORMATION** 

**CONSTRUCTION SEQUENCE** 

PROJECT INFORMATION

**LEGAL DESCRIPTION** 

ACTS OF 1978, AND AMENDMENTS THERETO.

AND DESCRIBED AS FOLLOWS:

MARCH 2008 - SEPTEMBER 2008

CONSTRUCT UTILITIES, BUILDING

PAVE LOT, CONSTRUCT CURBINI

SITE RESTORATION AND LANDSCAPING

PRIOR TO CONSTRUCTION

PARCEL ID: 70-15-26-350-006
PARCEL ZONING: SHOPPING CENTER DISTRICT (8-3)
PROPOSED USE: RESTAURANT, DRIVE-THRU

**DETAIL** 

SEDIMENT TRAP NTS 1

tabilizae surface, thus minimizing arcason ermite construction traffic in adverse venther tay be used as part of permanent base construction of powed areas

System removes collected most from sits, particularly from powed one Con coupil large concentrations of runoff Conducts nurefit or musicipal sever system or stabilized outfall location the cotto beams to collect sediment

CHARACTERISTICS



WT

PROJECT MANAGEMENT

TRAVERSE CITY, MI 49684

CONTACT: BILL BECKETT PH: (231) 922-9250 FAX: (231) 922-9257

NOT TO BE USED FOR

CONSTRUCTION DRAWINGS 04 16 07 CITY REVIEW #1 08.24.07 CITY REVIEW #2 10 09:07 ADD ILLUMINATION PLAN 11.15.07

CITY FILE NUMBER: BUILDING TYPE: T80-v07 2007 PLAN VERSION: SITE NUMBER: 292-504 4161

TACO BELL

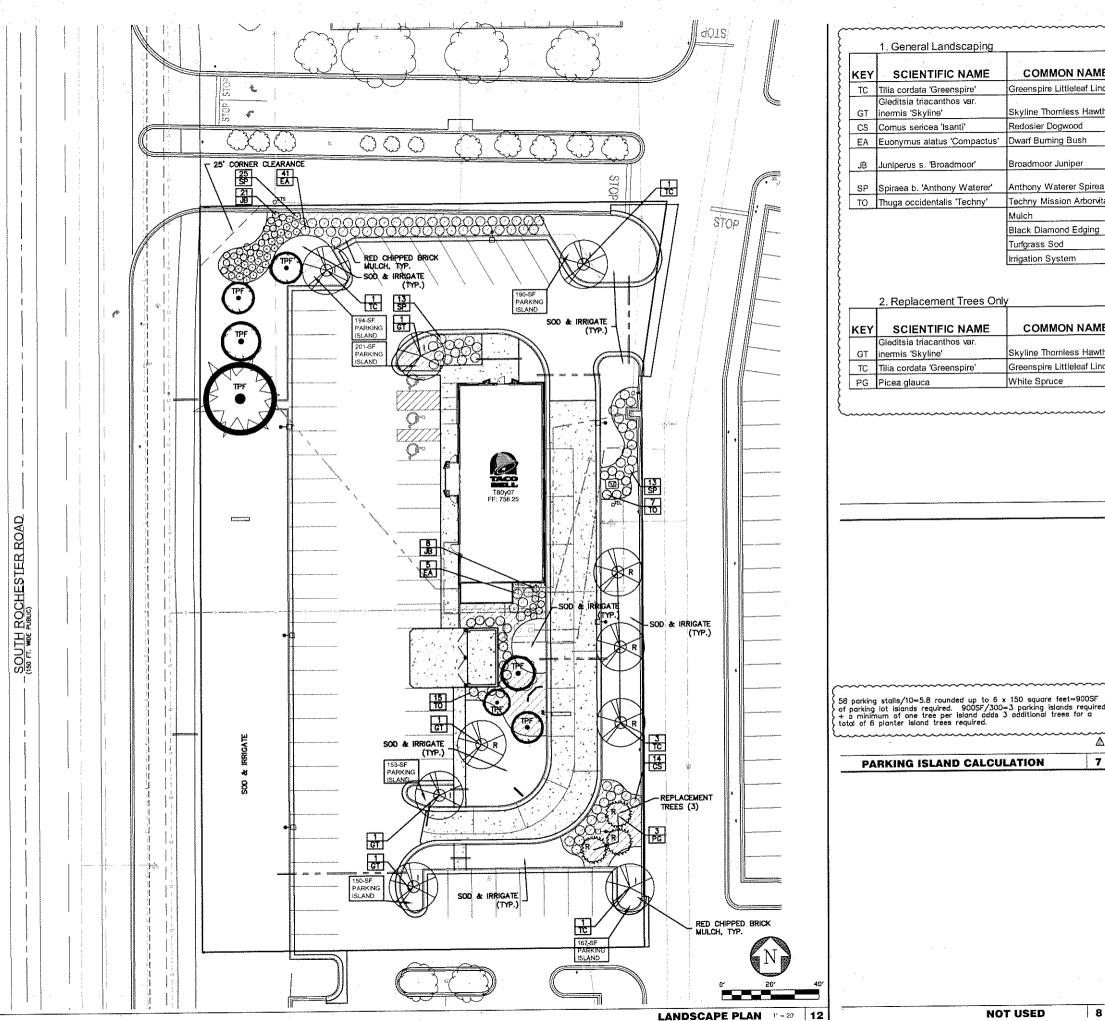
2855 S. BOCHESTER BOAD ROCHESTER HILLS, MICHIGAN 48307

3



T80-y07

**SOIL EROSION** CONTROL **PLAN** 



1. General Landscaping TOTAL UNIT SPACING PRICE PRICE COMMON NAME QTY. SIZE SCIENTIFIC NAME \$900.00 3" Cal. N/A \$300.00 Greenspire Littleleaf Linden Tilia cordata 'Greenspire' Gleditsia triacanthos var. \$750.00 \$250.00 2" Cal. 30 ft. Skyline Thornless Hawthorn inermis 'Skyline' \$910.00 \$65.00 Redosier Dogwood 14 30" Ht. 4 ft. Comus sericea 'Isanti' \$2,990.00 3 ft. \$65.00 Dwarf Burning Bush 46 24" Ht. Euonymus alatus 'Compactus' 3 Gal. \$45.00 \$1,305.00 3 ft 29 Broadmoor Juniper Cont. Juniperus s. 'Broadmoor' 3 Gal. 51 \$45.00 \$2,295.00 Cont. Spiraea b. 'Anthony Waterer' Anthony Waterer Spirea 3 ft. 100.00 \$2,200.00 TO Thuga occidentalis 'Techny' 22 5' Ht. Techny Mission Arborvitae \$125.00 \$6,000.00 48 Mulch yd. \$2.50 \$1,100.00 440 Black Diamond Edging l.f. \$1.00 \$6,515.00 6515 s.f. Turfgrass Sod \$7,500,00 Irrigation System

Landscape Total

SAVE AND PROTECT THEE TREE PROTECTION FENCE

DECIDITOUS TREE

DECIDUOUS SHAUB

EVERGREEN SHRUB

\$32,465.00

2. Replacement Trees Only UNIT TOTAL SPACING PRICE PRICE QTY. SIZE COMMON NAME SCIENTIFIC NAME eleditsia triacanthos var. \$250.00 \$250.00 2" Cal N/A Skyline Thomless Hawthom inermis 'Skyline' \$900.00 Greenspire Littleleaf Linden 3" Cal. N/A \$300.00 Tilia cordata 'Greenspire' \$825.00 \$275.00 8' Ht. 15 ft. PG Picea glauca White Spruce Replacement Tree Total

\$1,725.00

PLANTING SCHEDULE

NOT TO BE USED FOR CONSTRUCTION DRAWINGS

04 18 07

89-144.2

T80-y07

292-504

CITY REVIEW #1 07 18:07 CITY REVIEW #2 10.10.07

LANDTECH

P.O. BOX 193 1275 McGREGOR WAY GRAWN, MI 49637 PH: 231.943.0050 FAX: 231.943.0051 TOLL FREE: 877.520.LAND www.landtechps.com

Anita C. Silverman

Landscape Architect

Front: (231) 933—8773 E-malt: acaliverma@charter.net Registered Landscape Architect #1206 State of Michigan

PROJECT MANAGEMENT

10223 E. CHERRY BEND RD.

TRAVERSE CITY, MI 49684

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330 W. 7th Street Traverse City, MI 49684 Phone: (231) 932-1925

ISLAND TREE REPLACEMENT TREE CITY FILE NUMBER: PVC SLEEVE, SDR-26 160# 12"-18" BURY, 3" OR LARGER BUILDING TYPE: PLAN VERSION:

3

2

RED CHIPPED BRICK MULCH

PLANTING KEY

DRIP LINE OR 6 FEET -METAL 'T' POSTS FROM TRUNK WHICHEVERIS -PLASTIC PROTECTIVE

-EXISTING NATIVE

PLAN

TREE PROTECTION FENCE DETAIL NTS 4

NOT USED

7

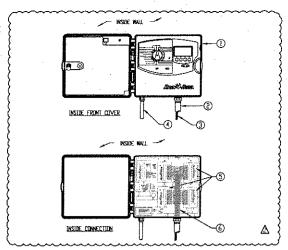
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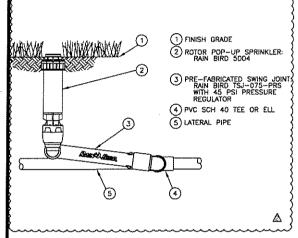
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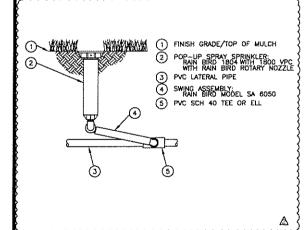
TACO BELL 2855 S. BOCHESTER ROAD ROCHESTER HILLS. MICHIGAN 48307

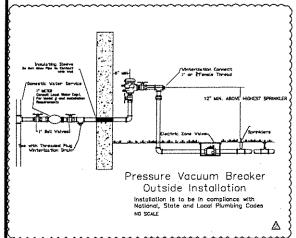
T80-y07

LANDSCAPE









y shall be equal to or exceed the measurements specified in the Plant Schedules. Requirement for measurements, branching, and grading quality of plants in the Plant Schedules generally follow the Code of Standard currently recommended by the American Sassociation of Nurserymen, inc. in the American Standard for Nursery Stock. When plants of a specified kind or size are not available, substitutions may be made upon request by the contractor. substitutions may be made upon request by the contractor, if

PLANTING ALONG PUBLIC RIGHT—OF—WAY: Prior approval is required to plant any tree or shrub on the public right—of—way. All trees and shrubs must be planted at least 10' from the edge of the public road. Shade trees and shrubs must be planted at least 5' from the edge of the public wolkway. Evergreen and arnomental trees must be ejanted at least 5' from the edge of the public wolkway. No trees or shrubs may be planted within the triangular area, formed at the intersection of any stret right—of—way lines, at a distance along each line of 25' from their point of intersection. No trees or shrubs may be planted in the triangular area, formed at the intersection of any driveway with a public walkway, at a distance along each line of 15' from their point of intersection. All trees and shrubs must be planted at least 10' from any fire hydrant. Shade and evergreen planted at least 10' from any fire hydrant. Shade and evergreen trees must be a least 15' away from the necrest overhead wire.

Trees must be planted a minimum of 5' from an underground utility, unless the city's Landscape Architect requries a greater distance

PERFORMANCE BOND: Prior to the release of the performance bond, the City of Rochester Hills Forestry Division needs to inspect all trees, existing or planted, to identify any the pose a hazard to the safe use of the public right-of-way. Forestry may require the developer to remove, and possibly replace, any such trees.

WARRANTY: All landscaping is to be warranted for a period of two years form the date of approval by the city's Landscape Architect.

MULCH shall be red chipped brick to be spread 2" thick over all planting beds. (6" thick in front greenbelt only)

NON-SELECTIVE HERBICIDE: Apply one application of non-select herbicide before the installation of the turf and wildflower planting beds. Follow the manufacturer's directions and rates for application

FERTILIZER: Commercial fertilizer for turf installation shall be complete fertilizer, parts of which are derived from organic sources and shall be of the following composition by weight: 19% organic base nitrogen, 19% phosphoric acid, 19% potash. Mixture having small deviations from above will be considered subject to Landscape

FERTILIZER FOR LANDSCAPE PLANTS AND PERENNIALS: Mag-Am super-phosphate 0--0-60 spread in perennial beds at 6#/1000 S.F. Add root packs to all trees and shrubs as per manufacturer's

SOD: Shall be nursery grown as classified in the TPI Guidline Specification for Turfgrass Sodding. Quality shall conform to TPI Guideline specifications for sodding.

SOIL AMENITIES: Add Peat Moss, vermiculite, and majorganite to perennial beds. If sandy soil exists use more peat moss than

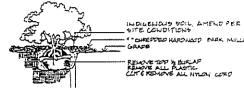
TOPSOIL: Topsoil is to be free of all stones, bricks, tree stumps, roots, clay lumps, weeds and all impurities. Topsoil to be mixed with arganic material.

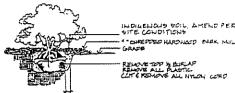
WEED BARRIER: Provide 2 oz. non—woven geotextile fabric in all planting beds, overlapping  $3^{\prime\prime\prime}$  minimum. Secure according to manufacturer.

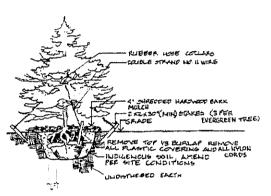
LANDSCAPE EDGING: Joined metal edging, professional black coil edging, or mini-trench edging.

Sod shall be placed tightly against each other so that no open joints are apparent. Sod shall be placed without stretching. Joints between adjacent rows shall be staggered at least 1 ft. at edge of walks and drives, sod shall have same finish grade as surfaced area. At curbs, sod shall match top of curb. Sod shall be watered and compressed into underlying soil by rolling, Initial watering and rolling shall provide firm contact and bond between sod and underlying soil. Sod shall be fertilized following installation.

- Any areas on adjacent lots that have been disturbed during construction, including parkway between street and property line must be repaired and reseeded as part of Landscape Contract.
- 2. Landscape areas not devoted to planting beds and paving shall be
- 3. All plant material shall be in natural form (i.e. not sheered)
- 5. Miss Dig to be contacted before installation begins.
- Plant material in conflict with utilities shall be relocated per project
- This plan subject to approval by all governing bodies.
- B. Contractor responsible to field verify all measurements
- Owner agrees to seasonal maintenance program and will replace all diseased, dead, or damaged plants, replenish mulch, control weeds, fertilize, and prune beginning upon completion of landscaping.









TOLL FREE: 877.520.LAND www.landtechps.com

Anita C. Silverman Landscape Architect

330 W. 7th Street Traverse City, MI 49884 Phone: (231) 932-1925 Fox: (231) 933-8773 E-mail: acsilvermon@cho Registered Landscape Architect #1206 State of Michigan



NOT TO BE USED FOR CONSTRUCTION DRAWINGS

ISSUE D	ATE:	04 18 07
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CITY BLE NUMBER BUILDING TYPE: PLAN VERSION: 2007 292-504 SITE NUMBER 4161 STORE NUMBER

TACO BELL

2855 S. ROCHESTER ROAD ROCHESTER HILLS, MICHIGAN 48307



T80-y07

**LANDSCAPE &** IRRIGATION **DETAILS** 

PLOT DATE: MONUMENT SIGN NTS. 8

-GRADE

The Land

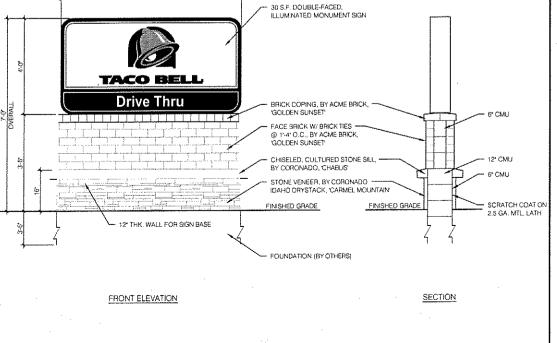
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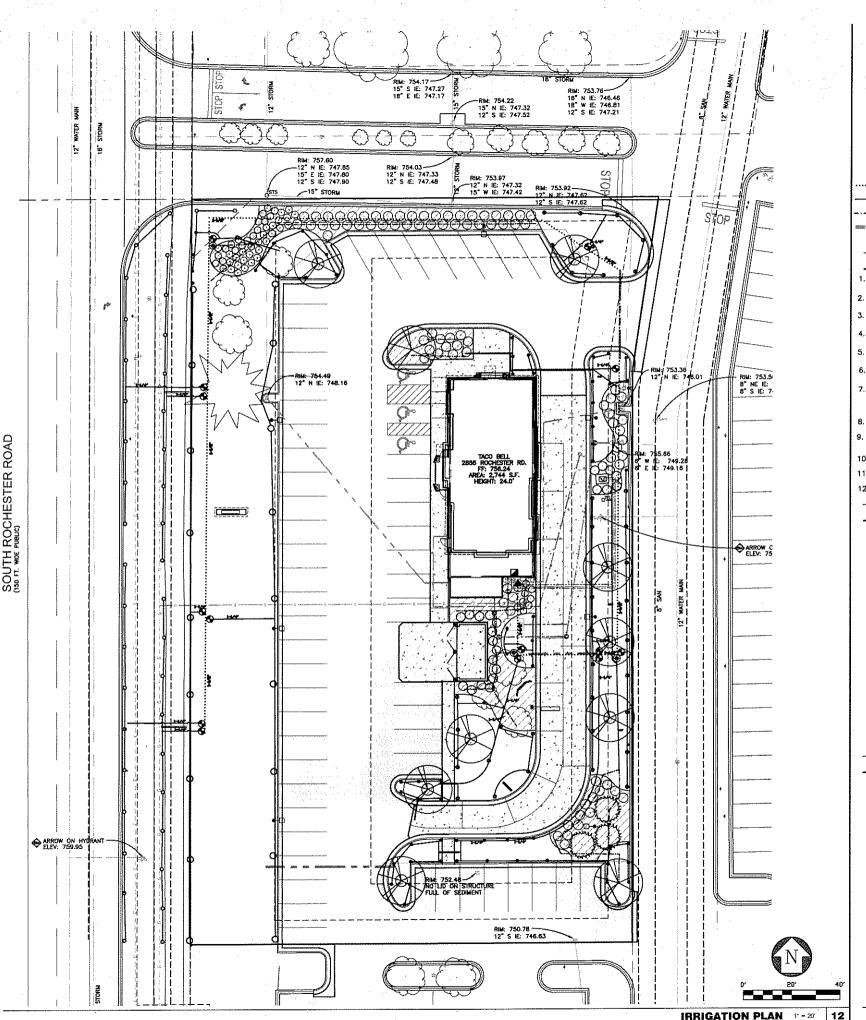
-2 "H WHEA, TWISTED

4" CHREPPED HARDWED

remove 400 ys of Eurlah Pénove Alastic Covering And All Nylon Cord

-HUMINTURBED FARTH





RAINBIRD 1804, POP-UP SPRAY, 12', 1.3 H 30PSI

p RAINBIRD 1804. POP-UP SPRAY, 15', 1.8 H © 30PSI

O RAINBIRD 1804, POP-UP SPRAY, 18VAN, 2.5 H @ 30PSI

O RAINBIRD 5000 SERIES ROTOR SPRINKLER 2.5NOZ./HALF, 1.5NOZ. / QUARTER

RAINBIRD XCZ-100-PRF. 1" VALVE WITH FILTER & PRV. IN 12" VALVE BOX

RAINBIRD 100-DVF, 1" ELECTRIC VALVE w FLOW CONTROL

RAINBIRD ESPLAMI CONTROLLER WITH 16 ZONES

BACKFLOW PREVENTER, NOT IN IRRIGATION CONTRACT

-- PVC MAIN, SDR26, 1 1/2" CLASS 160 BE, 12" - 16" BURY

POLY LATERAL, 100 PSI, 10"-12" BURY

---- DRIP TUBE WITH EMITTERS

== = == PVC SLEEVE, SDR-26 160#. 12"-18" BURY 3" OR LARGER

#### **IRRIGATION LEGEND**

1. ALL WORK IS TO BE IN COMPLIANCE WITH ALL LOCAL, STATE AND FEDERAL CODES AND ORDINANCES.

ALL UNDERGROUND ELECTRICAL CONNECTIONS ARE TO BE MADE WITH WATER PROOF CONNECTORS.

BACKFLOW PREVENTOR AND INSTALLATION IN NOT INCLUDED IN THE IRRIGATION CONTRACT. COORDINATE W/ PLUMBING CONTRACTOR.

4. ALL CONTROL VALVES ARE TO BE INSTALLED IN VALVE BOXES, 10" ROUND SPRINKLERS OR 12" SQUARE FOR DRIP VALVES.

5. ALL CONTROL WIRING IS TO BE 18GA MULTI- CONDUCTOR, UL APPROVED FOR DIRECT BURY.

6. ALL SPRINKLERS SHALL BE INSTALLED ON POLY SWING PIPE.

NO SADDLE TYPE TEES OR CONECTIONS ARE ALLOWED. INSERT TYPE FITTINGS WITH STAINLESS STEEL CLAMPS ONLY FOR POLY PIPE CONNECTIONS.

8. MAINLINE FITTINGS SHALL BE PVC. SCH.40 SOLVENT WELDED

9. LATERAL PIPE NOT SIZED IS TO BE 1" POLY EXCEPT, DRIP PIPE THRU LAWN AREAS IS TO BE 3/4" POLY.

10. SLEEVE INSTALLATION IS INCLUDED IN IRRIGATION CONTRACT.

11. WATER REQUIREMENT 24GPM 6 50PSI.

12. A COMPLETE AS-BUILT PLAN IS REQUIRED BEFORE FINAL PAYMENT OF CONTRACT.

### **IRRIGATION SPECIFICATIONS**

UP TO 3 GALLON PLANT/ 24" PLANT (1) 1GPH EMITTER 24" to 48" SHRUB/SMALL ORNAMENTAL TREE (1)2GPH EMITTER (2)2GPH EMITTERS DECIDUOUS/EVERGREEN TREE

#### **DRIP EMITTER SCHEDULE**

AN AUTOMATICALLY CONTROLLED LAWN IRRIGATION SYSTEM. COMPLETE AN AUTOMATICALLY CONTROLLED DAWN PREVENTER, SPRINKLER HEADS, VALVES, CONTROLS, CONTROL WRING, FITTINGS, ELECTRICAL CONNECTIONS, RAIN SENSOR AND NECESSARY ACCESSORIES.

#### SYSTEM REQUIREMENTS

FULL AND COMPLETE COVERAGE IS REQUIRED. PROVIDE DESIGN FOR A COMPLETE LAWN IRRIGATION SYSTEM TO SPRINKLE THE ENTIRE PARCEL INCLUDING ALL PLANTER BEDS AND RIGHT-OF-WAY GREENBELTS WITHOUT OVERTHROW ON ROADWAYS SIDEWALKS, WINDOW WELLS, OR BUILDINGS AND TO PROTECT TREES FROM CLOSE HIGH SPRAY VELOCITY.

5

ALLOW A MINIMUM OF 3 INCHES BETWEEN PARALLEL PIPES IN THE SAME

HOLD PIPE SECURELY IN PLACE WHILE JOINT IS BEING MADE. HOLD FIFE SECONDELL IN FUNC WHILE WHILE IN BEING MADE.

INSTALL SPRINKER LINES TO AVOID STORM SEVER, SANITARY SEWER,
WATER AND GAS LINES OR OTHER UTILITIES, ALL OF WHICH HAVE RIGHT OF

CLEAN INTERIOR OF PIPE OF FOREIGN MATTER BEFORE INSTALLATION, KEEP CLEAN INTERIOR OF FIFE OF FOREIGN MATTER BEFORE INSTALLATION. ACT PIPE CLEAN DURING LAYING OPERATIONS BY MEANS OF PLUGS OR OTHER METHODS. WHEN WORK IS NOT IN PROGRESS, SECURELY CLOSE OPEN ENDS OF PIPE AND FITTINGS TO PREVENT WATER, EARTH, OR OTHER SUBSTANCES FROM ENTERING

CONTROL VALVES SHALL NEVER BE LESS THAN 3 INCHES BELOW FINISHED GRADE.

EXISTING SIDEWALKS AND CURBS SHALL NOT BE CUT DURING TRENCHING EXISTING SIDEWALDS AND CORDS STACK NOT BE OF DOWNER THROUGH AND INSTALLATION OF PIPE. CONDUITS FOR IRRIGATION WILL BE INSTALLED BY EXCAVATING CONTRACTOR. REPAIR OR REPLACE ANY CONCRETE THAT CRACKS, DUE TO SETTLING, DURING THE GUARANTEE PERIOD. CANACS, DUE 10 SETTUNG, DURING THE GUARANTEE PERIOD.
CLOSE PIPE OPENINGS WITH CAPS OR PLUGS DURING INSTALLATION.
TIGHTLY COVER AND PROTECT FIXTURES AND EQUIPMENT AGAINST DIRT,
WATER AND CHEMICAL OR MECHANICAL INJURY. AT COMPLETION OF ALL
WORK THOROUGHLY CLEAN FIXTURES, EXPOSED MATERIALS AND EQUIPMENT.

PLACE PART-CIRCLE ROTARY SPRINKLER HEADS NO MORE THAN 6 INCHES FROM EDGE, OF AND FLUSH WITH TOP OF ADJACENT WALKS, HEADER BOARDS, CURBS, AND MOWING APRONS, OR PAVED AREAS AT TIME OF NSTALLATION.

INSTALLALL SHRUB SPRAYS, SPRINKLERS AND QUICK COUPLERS ON SWING JOINTS AS DETAILED ON PLANS. SET SHRUB HEADS 8 INCHES ABOVE GRADE AND 1 FOOT FROM EDGE OF CURB OR PAVEMENT. PLACE ADJACENT TO WALLS.

Control Wiring wiring from Master Controllers to Satellites Shall be located in trench with New Irrigation Lines. Wiring Bundles Located with Piping Shall be set with top of the Bundle Below top of the Pipe. No two wires in any bundle Shall

6

7

NO VALVES SHALL BE SET UNDER ROADS, PAVEMENT OR WALKS. CLEAN INTERIOR OF VALVES OF FOREIGN MATTER BEFORE INSTALLATION. SET VALVE BOX COVER FLUSH WITH FINISHED GRADE.

#### INSPECTIONS AND TESTING

BE OF THE SAME COLOR.

IRRIGATION CONTRACTOR SHALL BE RESPONSIBLE FOR ALL INSPECTIONS AND TESTING OF SYSTEM.

AND TESTING OF SYSTEM.

OPERATION TEST: UPON COMPLETION OF THE FINAL ADJUSTMENT OF THE SPRINKLER HEADS TO PERMANENT LEVEL AT GROUND SURFACE, TEST EACH SPRINKLER SECTION BY THE PAN TEST AND VISUAL TEST TO INDICATE A UNIFORM DISTRIBUTION WITHIN ANY DIME SPRINKLER HEAD ARCA AND OVER ENTIRE AREA, OPERATE THE ENTIRE INSTALLATION TO DEMONSTRATE THE COMPLETE AND SUCCESSFUL OPERATION OF ALL EQUIPMENT

#### **IRRIGATION INSTALLATION**

TACO BELL

CITY FILE NUMBER

BUILDING TYPE:

PLAN VERSIÓN:

STORE NUMBER

3

Anita C. Silverman

Landscape Architect

330 W. 7th Street Troverse City, MI 49684

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Fax: (231) 933-8773 E-mail: gasilverman@charter.ne

Registered Landscape Architect #1206

DEVELOPMENT CORPORATION

PROJECT MANAGEMENT

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TRAVERSE CITY, MI 49684

CONTACT: BILL BECKETT

PH: (231) 922-9250 FAX: (231) 922-9257

NOT TO BE USED FOR

CONSTRUCTION DRAWINGS

04.18.07

89-1442

780-y07

2007 292-504

4161

CITY REVIEW #1 07.18.07 CITY REVIEW #2 10.10.07

2855 S. ROCHESTER ROAD ROCHESTER HILLS, MICHIGAN 48307



T80-y07

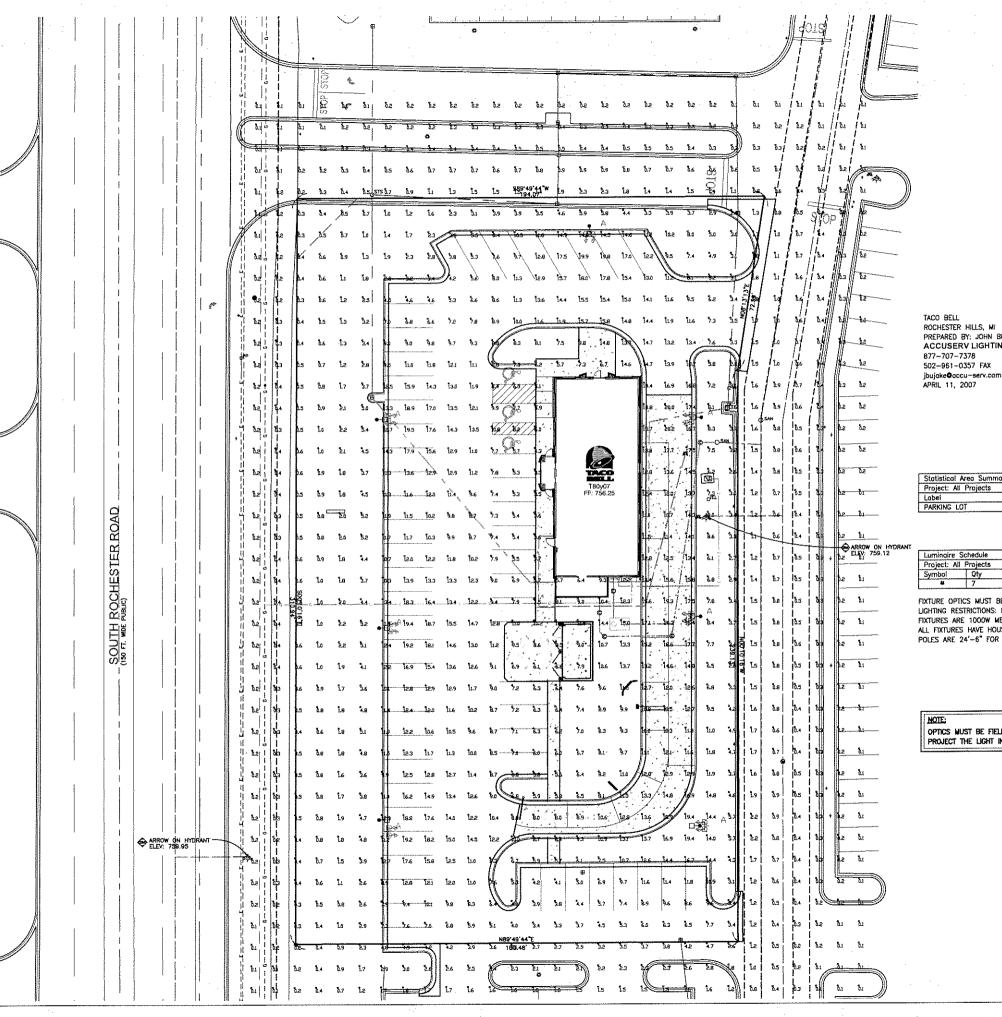
IRRIGATION **PLAN** 

8

**NOT USED** 

PLOT DATE: 4

**NOT USED** 





Statistical Area Summary					
Project: All Projects					
Lobel	Avg	Max	Min	Avg/Min	Max/Min
PARKING LOT	11.14	20.3	3.3	3.38	6.15

Luminaire S	ichedule					
Project: All	Projects					
Symbol	Oty	Label	Arrongement	Lumens	LLF	Description
4	7	A	ROTATED2 BOTH IN 90"	110000	0.720	ACCU 95200-FP10 / 95200-HSS / 95200-4240180

FIXTURE OPTICS MUST BE FIELD-ROTATED TO PROJECT THE LIGHT INTO THE PARKING LOT LIGHTING RESTRICTIONS: MINIMAL LIGHT TRESPASS BEYOND PROPERTY LINE FIXTURES ARE 1000W METAL HALIDE W/ SAG LENSES ALL FIXTURES HAVE HOUSE SIDE SHIELDS POLES ARE 24'-6" FOR AN OVERALL FIXTURE MOUNTING HEIGHT OF 26'-6"

OPTICS MUST BE FIELD-ROTATED TO PROJECT THE LIGHT INTO PARKING LOT



P.O. BOX 193 1275 McGREGOR WAY GRAWN, MI. 49637 PH: 231.943.0050 FAX: 231.943.0051 TOLL FREE: 877.520.LAND www.landtechos.com



PROJECT MANAGEMENT

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NOT TO BE USED FOR CONSTRUCTION DRAWINGS

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CITY FILE NUMBER: BUR DING TYPE: T80-y07 PLAN VERSION: 2007 SITE NUMBER: 292-504 STORE NUMBER: 4161

TACO BELL

2855 S. ROCHESTER ROAD ROCHESTER HILLS, MICHIGAN 48307



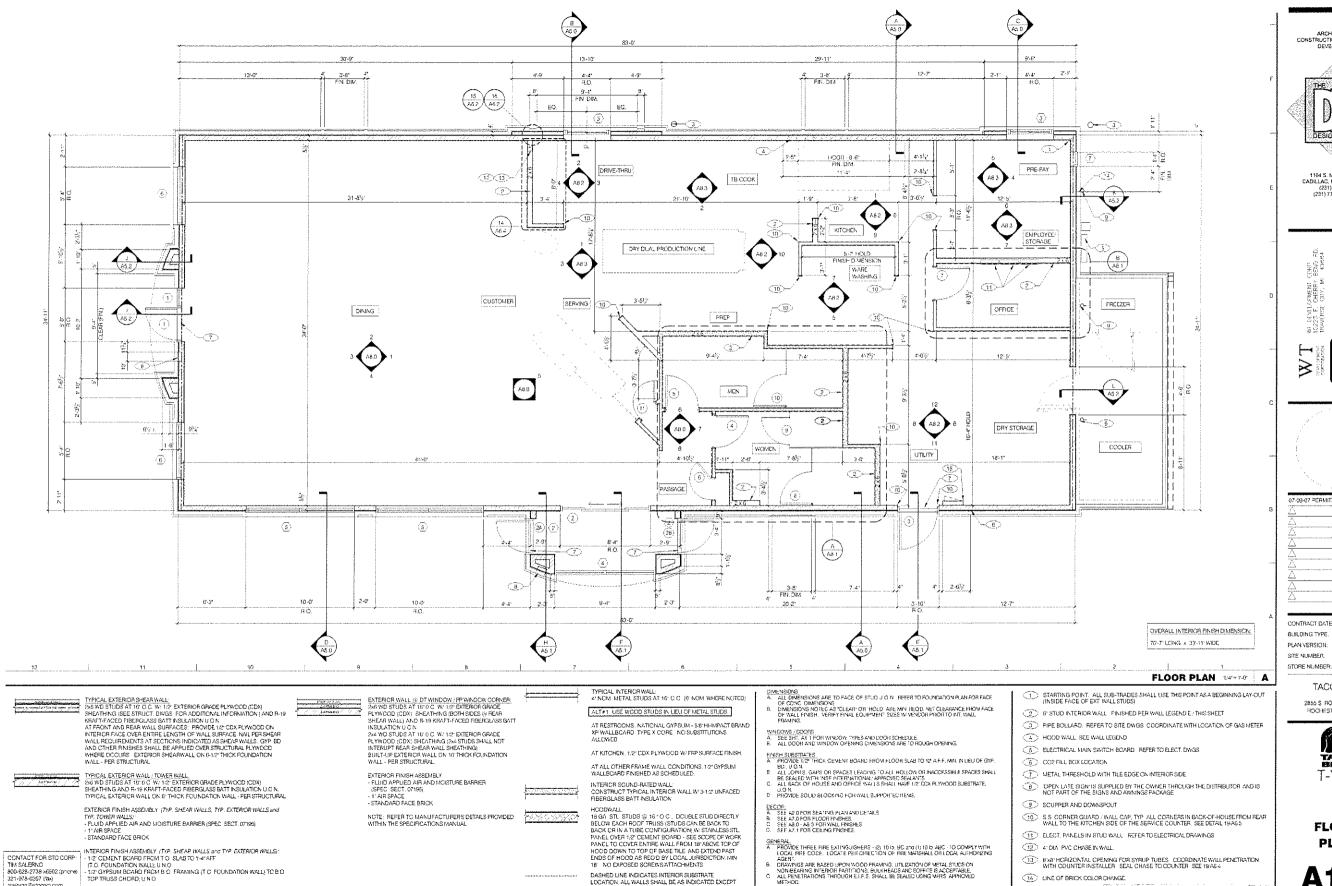
T80-y07

ILLUMINATION PLAN

11 15 07

PLOT DATE:

ILLUMINATION PLAN 1' = 20'



DASHED LINE INDICATES INTERIOR SUBSTRATE LOCATION: ALL WALLS SHALL BE AS INDICATED EXCEPT FROM TOP OF SLAB TO 12" ABOVE SLAB SHALL BE 1/2" CEMENT BOARD, U.O.N.

WALL LEGEND



1104 S. MITCHELL ST. CADILLAC, MICHIGAN 496 (231) 779-4002 (231) 779-4022 FAX

CORP 8540 AD. 40684 CHERRY B W. OFWER 16223 F. 1 16AV(RS)





07-09-07 PERMITS & CONSTRUCTION

CONTRACT DATE XX XX.XX BUILDING TYPE T-Y07 PLAN VERSION: FEBRUARY 2007 XXX-XXX

TACO BELL

2855 S. ROCHESTER RD ROCHESTER HILLS, MI



**FLOOR** PLAN

A1.0

PLOT DATE.

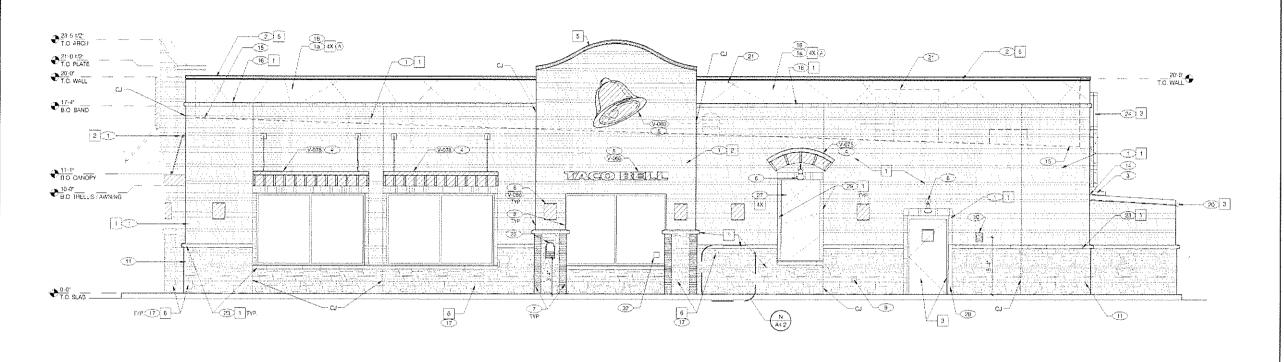
85/81 HCAIZONTAL OPENING FOR SYRUP TUBES. COORDINATE WALL PENETRATION WITH COUNTER INSTALLER. SEAL CHASE TO COUNTER. SEE 18/46/4

JAN | 6 2008

**FLOOR PLAN NOTES** 

14 LINE OF BRICK COLOR CHANGE. (13) LIGHTING CONTROL PANEL

KEY NOTES



NOT USED NTS E

MISCELLANEOUS
A SEE SHIT AT 1 WINDOW TYPES FOR WINDOW ELEVATIONS
B SEE SOOPE OF WORK FOR RESPONSIBILITIES
C HIGH IMPACT RIESH SHALL BE USED AT ALL RAISED TRIM BANDS @ ENTRIES WINDOWS
& EXPRESSION PANELS ON IN SEE SPECIFICATIONS

SEALERS (REFER TO SPECS):

A SEALANT AT ALL WAIL AND ROOF PENETRATIONS

B SEALANT AT ALL WINDOW AND DOOR FRAMES AT HEAD AND JAMB DO NOT SEAL SILL @
WINDOWS

BUILDING FINISH OPENINGS THAT ARE DESIGNATED AS 'CRITICAL' SHALL BE MAINTAINED TO PROVIDE FOR THE STANDARD INSTALLATION OF STANDARD SIGNAGE / BUILDING ELEMENTS VERIFY DIMENSIONS WITH SIGN VENDOR

VENDOR SCOPE INCLUDES SUPPLY AND INSTALLATION OF AWMINGS. CANOPIES, AND SIGNAGE

**GENERAL NOTES** 

DITHE PAINT COLORS SHOWN ARE COLOR REFERENCES FOR THE ELF'S SUPPLIER

CRITICAL FINISH OPENINGS.

NOT USED NTS 1

MANUFACTURER

ACME BAICK

ACME BRICK

SHEFWIN WILLIAMS

SHERWIN WILLIAMS

SHERWIN WILLIAMS

SHERWIN WILLDAMS

MAIN WALL AND BAND COLOR

TOWER COLOR

PARAPET BAND COLOR

PARAPET BAND COLOR

PARAPET BAND COLOR

5 TACO BELL PARAPETICAP COLOR

BUILDING STONE

PIPE BOLLAROS

6

8

COLOR

TO MATCH ACME BRICK 105 GOLDEN SUNSET

105 'GOLDEN SUNSET'

100 BURNT PUMKIN

6123 'BAGUETTE'

6125 CRAFT PAPER

7069 'IRON CEC'

DOT YELLOW

6388 'GOLDEN FLEECE'

IDAHO - CARMEL MOUNTAIN, CULTURED STONE VENEER NOT USED NTS G

ALTERNATE COLOR

ALTERNATE MFR

**EXTERIOR FINISH SCHEDULE** 

☑Ⅲ GTY ITEM DESCRIPTION ELEC (A) BASE THICKNESS - 4" THICK DRAINABLE ELF'S TACO BELL TOWER CANORY 9-21W x 6-6-D x 1-0 1/43 REFER TO WALL LEGENG E / AT  $\sigma$  FOR EXTERIOR WALL DINISH ASSEMBLIES / APPLICABLE SPECIFICATION SECTIONS -060 3 TACO SELL BELL SIGN 4-10 1/2W x 4-5 1/4H TACO BULL TRELLIS CANOPY 1018 W x 110H x 210D 10 TACC BULL LIGHT FIXTURE PRECUIRES LIGHT FIXTURE(S) SEE ELECTRICAL.

NOTE ADDITIONAL INFORMATION IS AVAILABLE ON THE PLANS, YUM COM WEBSITE SEE SIGNAGE AND AVAING INFO SIGN/AWNING/CANOPY SCHEDULE NTS E.I.F.S. THICKNESS NTS B ) DRAINABLE ( I F S. OVER 1/2" PLYWOOD SHEATHING. REFER TO SPECIFICATIONS SECTION 07240. SEE E I F S. LEGEND, THIS SHIET (18) REFER TO SHEET A4 2 FOR PARAPET PAINTING DIRECTIONS DURO-LAST DRIP EDGE FLASHING: PRIME AND PAINT IN FIELD. SEE DETAILS 1, 27 A6D. (9) GAS METER, DO NOT PAINT METER 3 SCUPPER AND DOWNSPOUT, SEE DETAIL 4:484 (20) METAL GUTTER CANOPY AND TRELLIS SEE SCOPE OF WORK (21) RTU LOCATION BEYOND 5) BUILDING SIGN, SEE SCOPE OF WORK PRICE CONFIRMATION BOARD SEE EQUIPMENT PLAN A2.0 5 WALL LIGHTING CENTER OVER EXPRESSION PANEL OR AS SHOWN. HT AS INDICATED SEE SHEET 64.0 23 HORIZONTAL BRICK ROWLOCK CAP SEE DETAILS 18/46/2 24 ROOF ACCESS LADDER, SEE 15/A63 USE SPECIAL CORONADO CORNER STONES OF 110° AND 70° AT TOWER LEGS (25) OPEN LATE SIGN IS SUPPLIED BY THE OWNER THROUGH THE DISTRIBUTOR, AND IS NOT PART OF THE SIGNS AND AWARDS FACKAGE. B CUT BRICK TO MATCH TOWER LEG ANGLE SO THAT FACE OF BRICK IS FLUSH (6) ALL SURFACES TRIM AT DRIVE-THAU, SEE DETAIL 15 16/A62. B HOSE BIB - REFER TO DETAIL 19/46 3 ALIGN W/ ADJACENT PERPENDICULAR INTERIOR 27 ALIFER TO M/A4 2 FOR PAINTED EXPRESSION PAREL PAINTING DIRECTIONS WALL 002 FILLER VALVE & COVER. (28) 18 GA. PAINTED STEEL U-CHANNEL TO EXTEND TO TOP OF WAINSCOT. PAINT TO MATCH ACCENT BAND AROUND DOOR 13 USE CORONADO PRE-MOLDED PIECES (A) CORNERS TYP U.C.N. (29) SEE DETAILS 13: 14, & 18/AS 2 FOR ACCENT TRIM. 12) STEEL BOLLARD, SEE SITE DETAILS. (30) LINE OF BRICK COLOR CHANGE

33 CONTROL JOINT

31) 4" X 8" SCUPPER OVERFLOW HOLD 2" OFF OF FINISH ROOF, SEE DETAIL 12/A64.

32 INTERNATIONAL SYMBOL OF ACCESSIBILITY (IF REQUIRED BY LOCAL CODE)

(13) ELECTRICAL SWITCHGEAR EQUIPMENT. REFER TO ELECTRICAL DRAWINGS.

WALL TO ROOF FLASHING AT COOLER / FREEZER SEE DETAIL 16/46/3

TE HORIZONTAL BRICK FOWLOCK TRIM BAND SEE DETAIL 12/462

15 INDICATES ROOF BEYOND

ARCHITECTURE CONSTRUCTION MANAGEME



1104 S. MITCHELL ST. CADILLAC, MICHIGAN 49601 (231) 779-4002 (231) 779-4022 FAX

NO BY VERDING CORP.

10275 E. CHORRY BEND RD

BANGREE CITY, 38. 499584

CONTACT. BLL, 95CHETT

SOLITACT. COLL.

T W T WING THE STATE OF THE STA



EAST SIDE ELEVATION 1/4"--11-0" A

**KEY NOTES** 

07-09-07 PERMITS & CONSTRUCTION

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CONTRACT DATE: XXXXXXX
BUILDING TYPE: T-Y07
PLAN VERSION: FEBRUARY 2007
SITE NUMBER: XXXX-XXX
STORE NUMBER:

TACO BELL

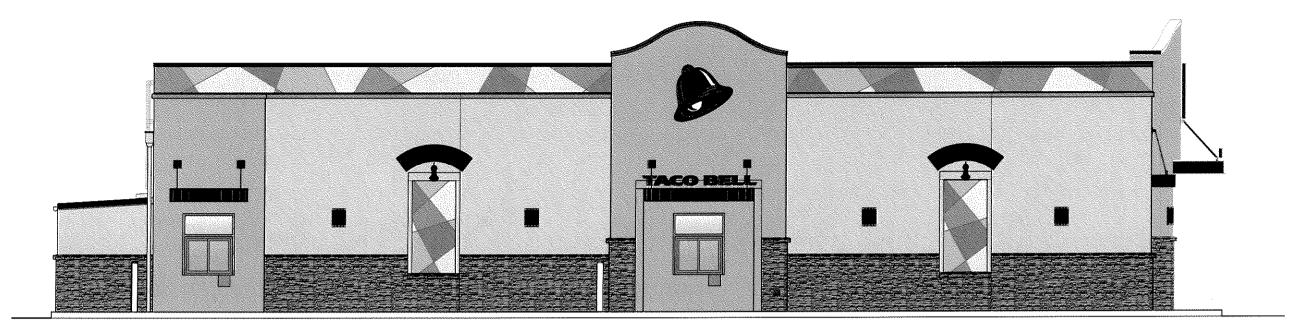
2855 S. ROCHESTER RD. ROCHESTER HILLS, MI



EXTERIOR ELEVATIONS

A4.0

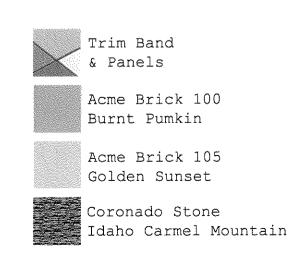
PLOT DATE:



West Elevation

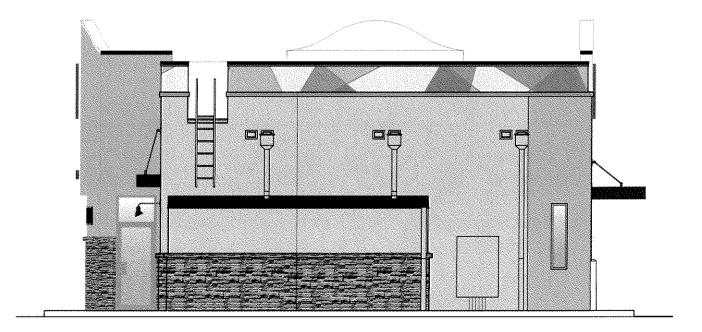


South Elevation





East Elevation



North Elevation

