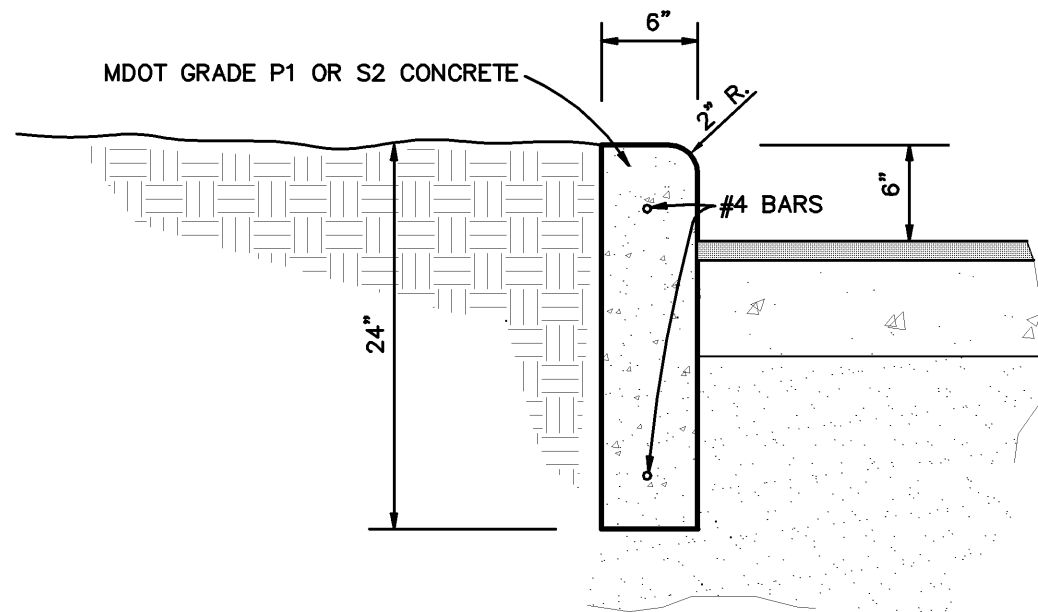
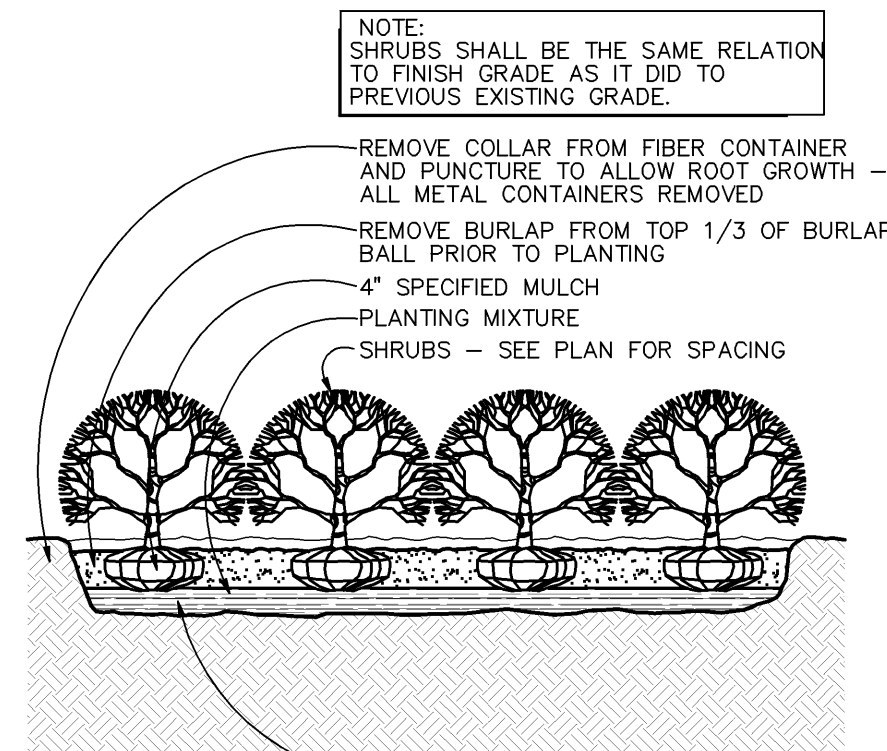


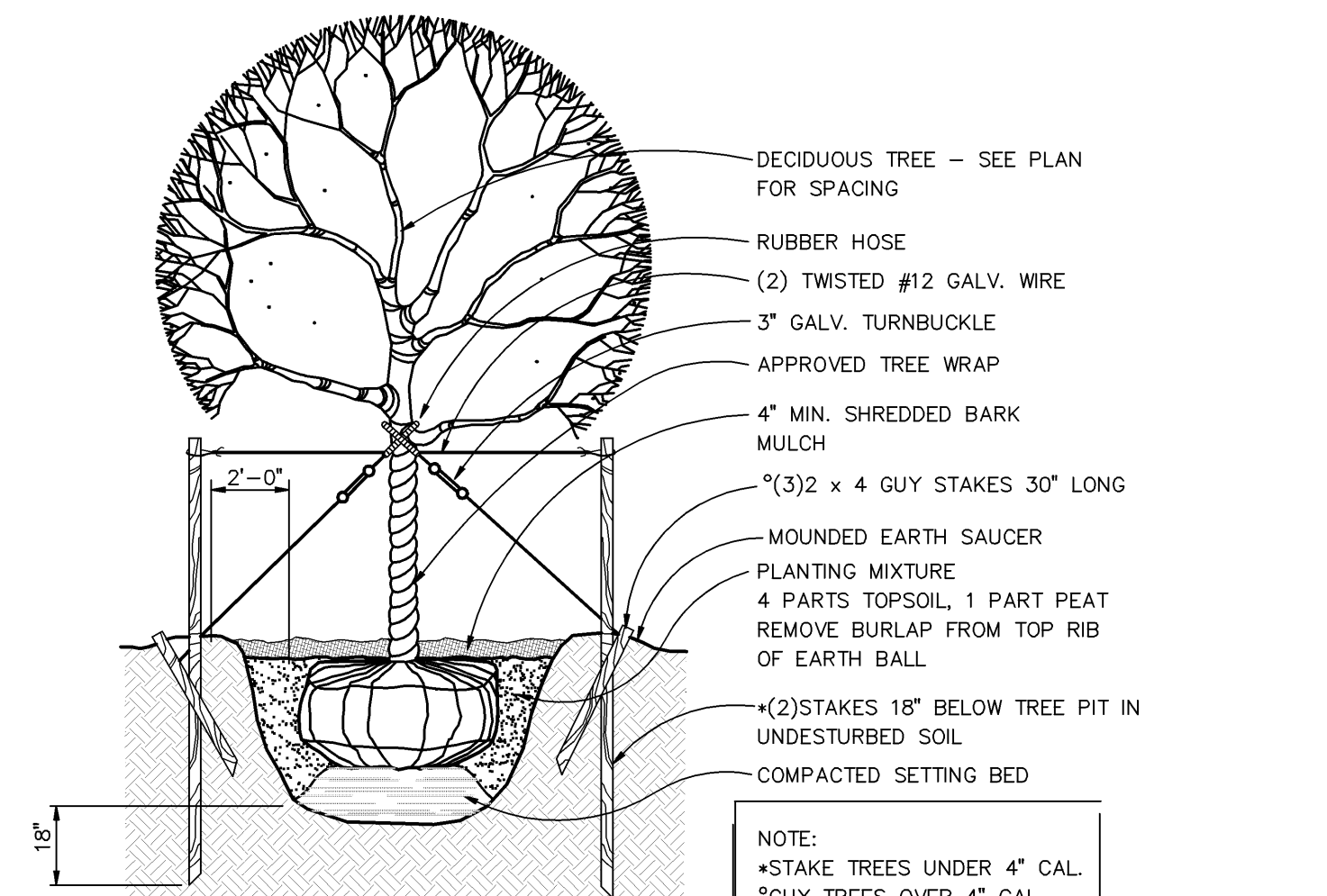
BARRIER FREE PARKING SIGN



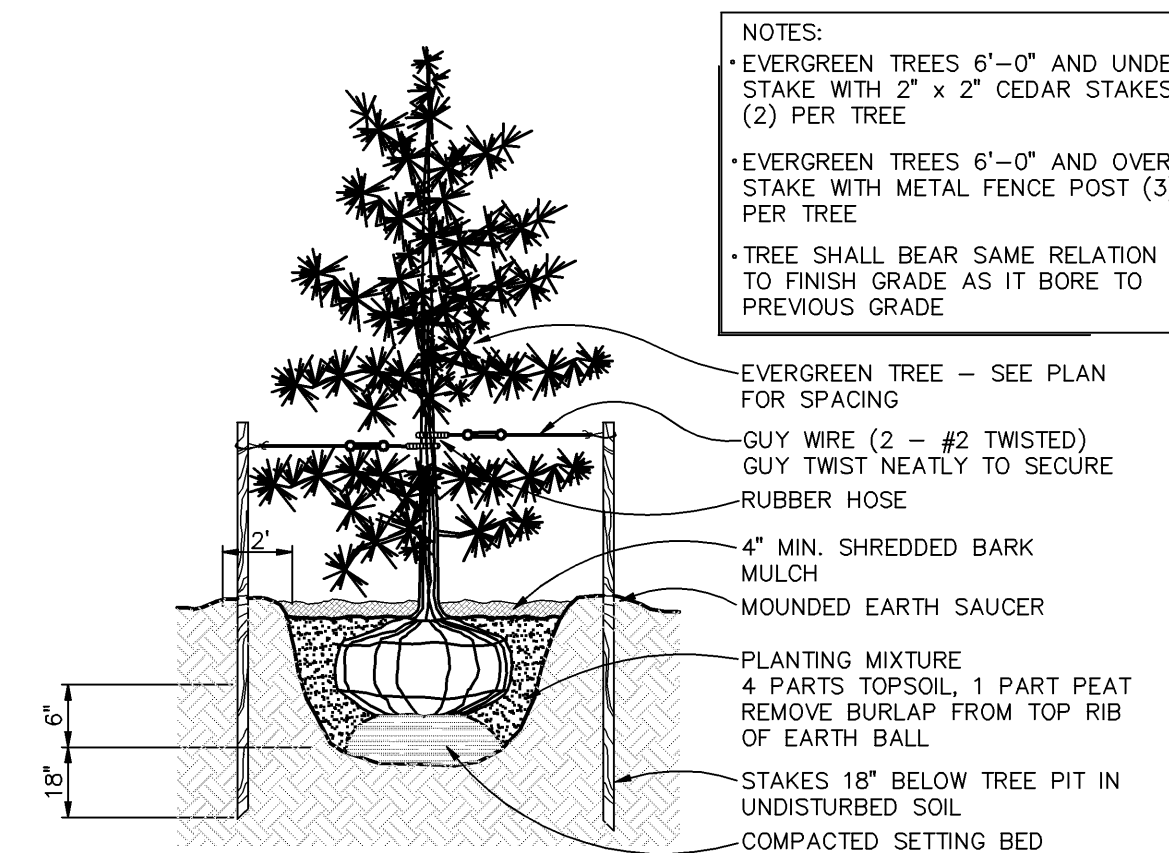
6" x 24" STANDING CONCRETE CURB
SCALE: 1"=1'



SHRUB PLANTING DETAIL



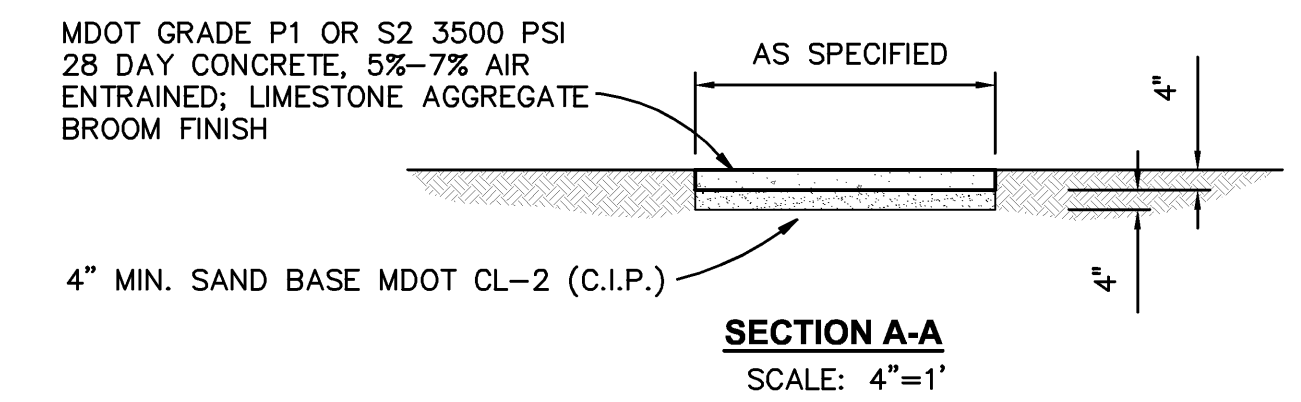
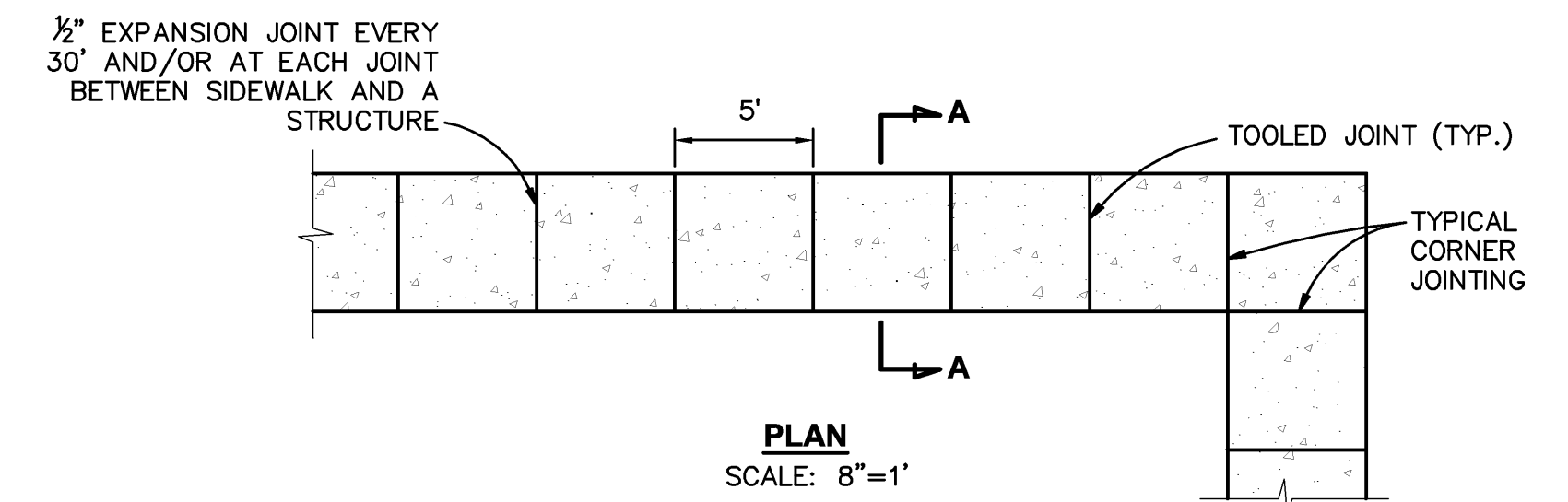
DECIDUOUS TREE PLANTING DETAIL



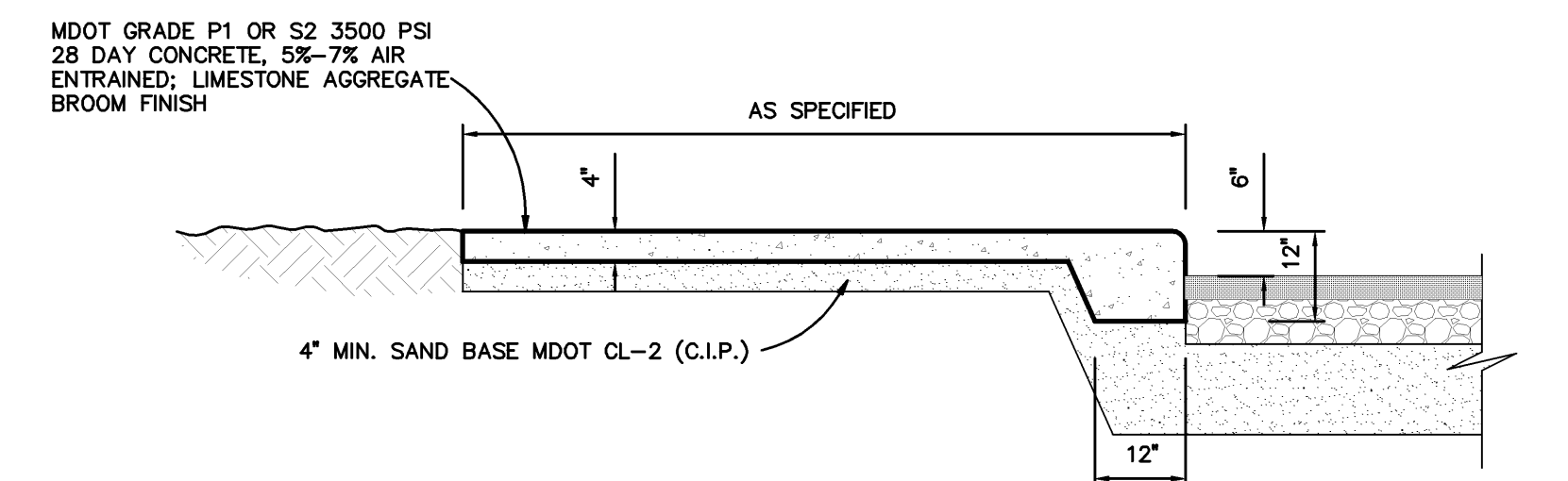
EVERGREEN TREE PLANTING DETAIL

GENERAL NOTES

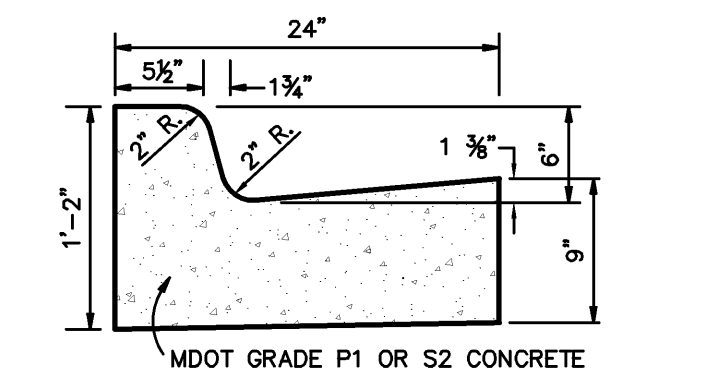
1. THE CONTRACTOR SHALL OBTAIN ALL PERMITS AND SURETY AS PART OF THIS WORK.
2. THE CONTRACTOR SHALL CALL MISS DIG 3 WORKING DAYS PRIOR TO THE START OF CONSTRUCTION.
3. ALL PAVED AREAS SHALL BE CONSTRUCTED WITH:
12" MDOT CL-2 SAND SUBBASE (C.I.P.)
6" 21AA MODIFIED GRAVEL BASE (C.I.P.)
1 1/2" HMA 13A LEVELING COURSE
1 1/2" HMA 36A WEARING COURSE
4. THIS SITE PLAN SHALL NOT BE USED TO STAKE THE LOCATION OF PROPOSED BUILDING FOUNDATION. THE SURVEYORS ARE TO USE THE BUILDING FOUNDATION PLANS.
5. THE CONTRACTOR SHALL PLACE AND COMPACT FILL UNDER THE PROPOSED BUILDING AND PAVED AREAS TO A MINIMUM OF 95% MAXIMUM DRY DENSITY PER ASTM-1557. ALL OTHER AREAS SHALL BE COMPACTED TO A MINIMUM OF 90% MAXIMUM DRY DENSITY.
6. ALL SOIL EROSION CONTROL MEASURES SHALL COMPLY ACT 451 OF PUBLIC ACTS OF 1997, SOIL EROSION AND SEDIMENTATION CONTROL, NATURAL RESOURCES AND ENVIRONMENTAL PROTECTION ACT.
7. NORTH AMERICAN GREEN S-150 EROSION CONTROL BLANKET SHALL BE PLACED ON ALL SLOPES 1:3 OR GREATER. SECURE BLANKET TO SLOPE PER MANUFACTURERS SPECIFICATIONS.
8. ALL SILT FENCING SHALL BE TRENCHED IN PRIOR TO COMMENCEMENT OF EARTHWORK ACTIVITIES.
9. THE CONTRACTOR SHALL REQUEST CONSTRUCTION STAKING BY FAX USING THE MOORE & BRUGGINK, INC. CONTRACTORS CONSTRUCTION STAKING REQUEST FORM. ONLY COMPLETED REQUESTS WILL BE SCHEDULED. ONLY COMPLETED REQUESTS WILL BE SCHEDULED. NOTE THE PROJECT OWNER WILL PAY THE SURVEYOR TO PLACE THE STAKES ONLY ONCE. ALL LOST AND DAMAGED STAKES ARE THE CONTRACTORS RESPONSIBILITY.
10. THERE ARE NO RECREATIONAL OR COMMON AREAS PROPOSED AT THIS TIME.
11. THE SITE IMPROVEMENTS SHALL MEET THE GENERAL SPECIAL USE STANDARDS AS FOLLOWS:
(A) BE DESIGNED, CONSTRUCTED, OPERATED AND MAINTAINED SO AS TO BE HARMONIOUS AND APPROPRIATE IN APPEARANCE, WITH THE EXISTING OR INTENDED CHARACTER OF THE GENERAL VICINITY AND THAT SUCH A USE WILL NOT CHANGE THE ESSENTIAL CHARACTER OF THE AREA IN WHICH IT IS PROPOSED.
(B) BE SERVED ADEQUATELY BY ESSENTIAL PUBLIC FACILITIES AND SERVICES SUCH AS HIGHWAYS, STREETS, POLICE, FIRE PROTECTION, DRAINAGE STRUCTURES, REFUSE DISPOSAL, WATER AND SEWAGE FACILITIES, OR SCHOOLS.
(C) NOT CREATE ECCESSIVE ADDITIONAL REQUIREMENTS AT PUBLIC COST FOR PUBLIC FACILITIES AND SERVICES.
(D) NOT INVOLVE USES, ACTIVITIES, PROCESSES, MATERIALS, AND EQUIPMENT OR CONDITIONS OF OPERATION THAT WILL BE DETRIMENTAL TO ANY PERSONS, PROPERTY, OR THE GENERAL WELFARE BY REASON OF EXCESSIVE PRODUCTION OF TRAFFIC, NOISE, SMOKE, FUMES, GLARE, OR ODORS.
12. SPECIFIC SPECIAL USE STADARDS (SEC. 20.4(E) CHURCHES (IN RESIDENTIAL DISTRICTS ONLY--REVISED APRIL 1998)
(A) A MINIMUM LOT AREA SHALL BE TWO (2) ACRES; PLUS AN ADDITIONAL FIFTEEN THOUSAND (15,000) SQUARE FEET FOR EACH ONE HUNDRED (100) SEATING CAPACITY OR FRACTION THEREOF IN EXCESS OF ONE HUNDRED (100).
REQUIRED = 2 ACRES (1ST 100 SEATS) + 15,000 SFT x 5 (NEXT 480 SEATS) = 3.72 ACRES (162,120 SFT). PROVIDED = 10.33 ACRES
(B) THE PROPERTY LOCATION SHALL BE SUCH THAT AT LEAST ONE (1) PROPERTY LINE WITH A MINIMUM LOT WIDTH OF TWO HUNDRED (200) FEET ABUTS AND HAS ACCESS TO A COLLECTOR, MAJOR ARTERIAL, OR MINOR ARTERIAL STREET. (REVISED 2-24-2003)
SITE HAS 612.7 FT OF FRONTAGE ON 40TH AVENUE AND 661.2 FT ON SARA ST.
13. COMPLIANCE WITH ORDINANCE REQUIREMENTS FOR LIGHTING IN SEC. 26.3 (C) (WHICH STATES THAT ILLUMINATION SHALL BE DEFLECTED AWAY FROM ADJACENT RESIDENTIAL AREAS AND SHALL BE INSTALLED IN SUCH A MANNER AS TO ALLOW THE REDUCTION OF THE AMOUNT OF LIGHT ON OTHER THAN NORMAL PARKING HOURS EACH DAY. MAXIMUM HEIGHT SHALL NOT BE MORE THAN TWENTY FIVE (25) FEET IN HEIGHT. LIGHTS SHALL BE DOWNWARD DIRECTING AS TO PREVENT SHEDDING OF LIGHT ONTO ADJACENT RESIDENTIAL AREAS AND ROADWAYS PER SEC. 3.23. NO NEW LIGHTS ARE PROPOSED AT THIS TIME. EXISTING LIGHT CONFORMANCE SHALL BE VERIFIED BY SITE ELECTRICIAN.
14. A STORM WATER DRAIN PERMIT IS REQUIRED FROM THE OTTAWA COUNTY DRAIN COMMISSIONER IS REQUIRED TO BE SUBMITTED TO THE TOWNSHIP AT THE TIME OF THE BUILDING PERMIT APPLICATION SUBMITTAL.



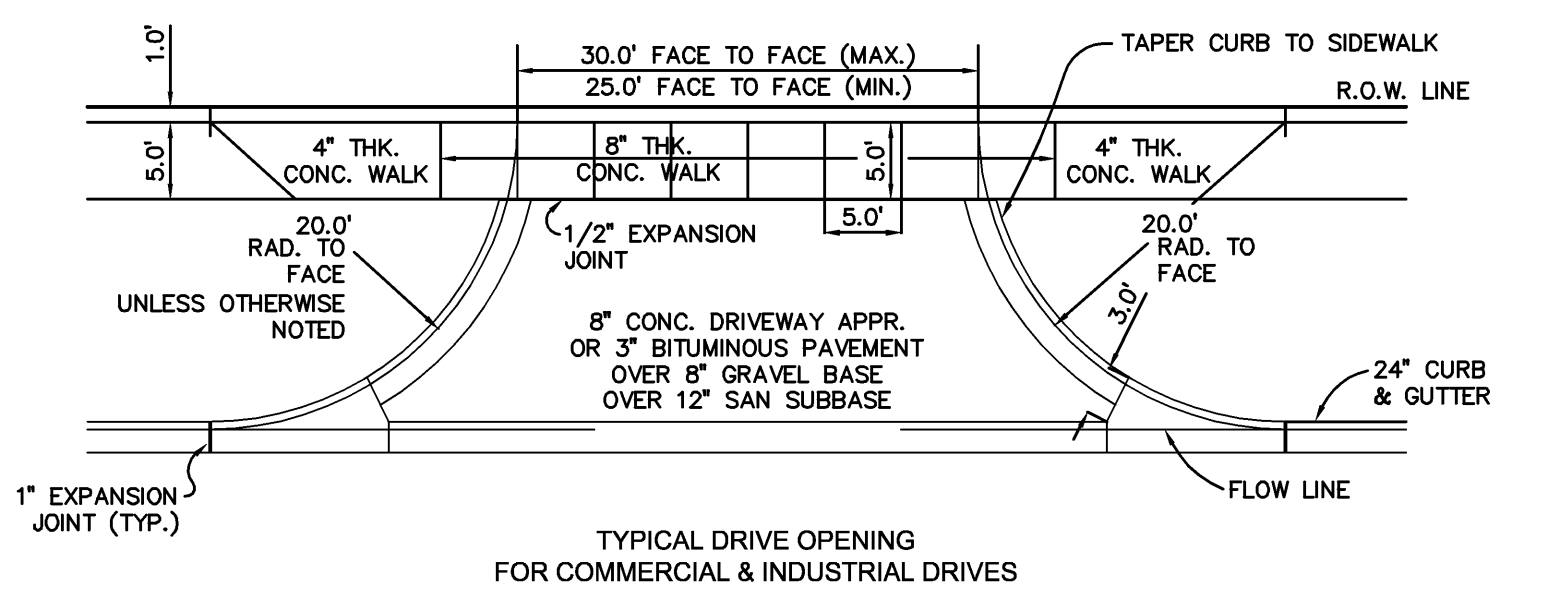
TYPICAL CONCRETE SIDEWALK DETAIL



COMPOSITE CONCRETE WALK & CURB DETAIL
SCALE: 2"=1'



24" CURB & GUTTER DETAIL (F-4 MOD.)
SCALE: 1"=1'



PREPARED FOR:
70-14-19-400-049
GEORGETOWN CHRISTIAN REFORMED CHURCH
6481 40TH AVE

PLAN REVISIONS
PRE-SUBMITTAL MEETING JULY 07, 2007
SITE PLAN SUBMISSION JULY 17, 2007



MOORE & BRUGGINK, INC.
Consulting Engineers
2020 Monroe Avenue N.W.
Grand Rapids, Michigan 49505-6298
Phone: (616) 363-9801 Web: www.mbce.com

DESIGN DRAWN BY: FDR
DESIGNED BY: REB
CHECKED BY: REB
PLAN DATE: JULY 10, 2007

DETAILS FOR
GEORGETOWN CHRISTIAN REFORMED CHURCH
SE 1/4, SECTION 19, TOWN 6 NORTH, RANGE 13 WEST
GEORGETOWN TOWNSHIP, OTTAWA COUNTY, MICHIGAN

FIELD SURVEY BY: M & B
PROJECT NO.: 070163.1
SHEET NUMBER
6 OF 6