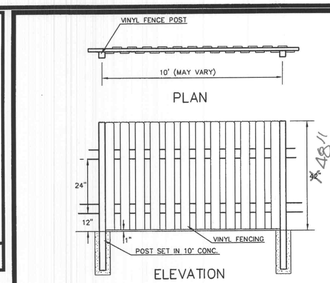
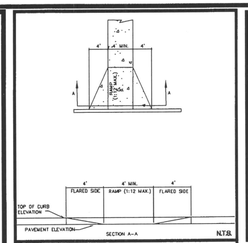
STANDARD SIGN FACE, STANDARD HIGHWAY DEPARTMENT, OR CITY STREET DEPARTMENT GAUGE, BLACK OR BLUE LETTERING, GALVANIZED U CHANNEL POST 8'-0" LONG, SET 3'-0" INTO GRADE, SET BOTTOM OF SIGN 5'-0" ABOVE FINISHED GRADE.

HANDICAP PARKING SIGN

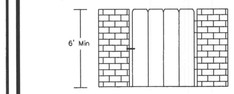


VINYL FENCE 42" HIGH

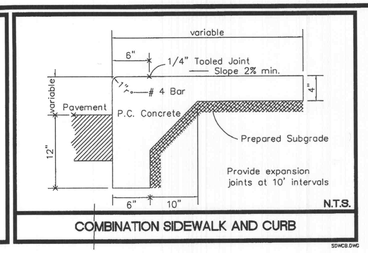


HANDICAP RAMP DETAIL

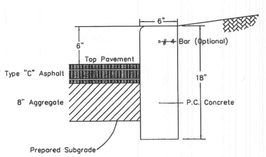
TRASH ENCLOSURE DETAIL



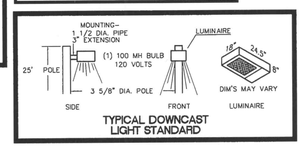
Enclosure to be constructed with a six-foot high solid wall with a sight proof vinyl gate consistent with the architectural theme of th primary structure in site. Pad shall be 6" unreinforced concrete.



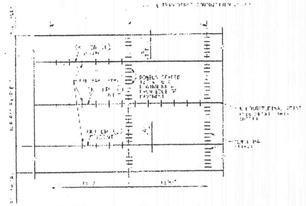
COMBINATION SIDEWALK AND CURB



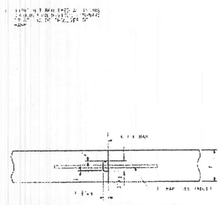
6" VERTICAL CONCRETE CURB FOR PERIMETER OF PAVED AREA 3' Type 'C' with 8' Aggregate



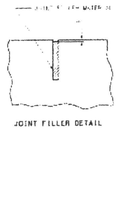
TYPICAL DOWNCAST LIGHT STANDARD



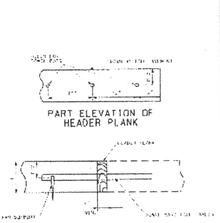
JOINT PLAN AND SPACING FOR CONTRACTION JOINTS

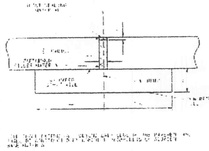


TONGUE AND GROOVE JOINTS (K) AND (M)

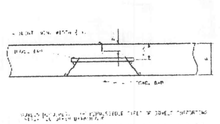


JOINT FILLER DETAIL

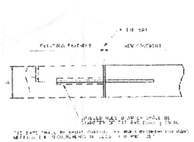




EXPANSION JOINTS (E)

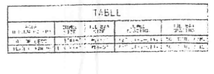


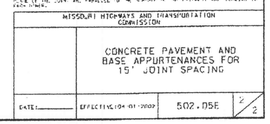
TRANSVERSE CONTRACTION JOINT (C1)



LONGITUDINAL CONSTRUCTION JOINT (EXISTING PAVEMENT)

LONGITUDINAL JOINT (L)





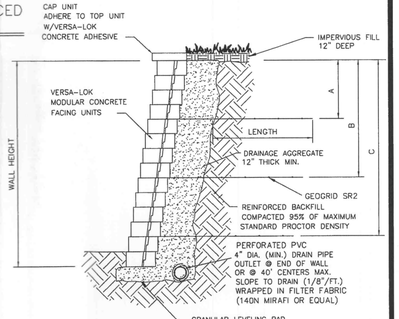
GENERAL NOTES

1. STRIP VEGETATION AND ORGANIC SOIL FROM WALL AND GEOSYNTHETIC ALIGNMENT.
2. BENCH CUT ALL EXCAVATED SLOPES.
3. DO NOT OVER EXCAVATE UNLESS DIRECTED BY SITE SOIL ENGINEER TO REMOVE UNSUITABLE SOIL.
4. SITE SOILS ENGINEER SHALL VERIFY FOUNDATION SOILS AS BEING COMPETENT PER THE DESIGN STANDARDS AND PARAMETERS.
5. LEVELING PAD SHALL CONSIST OF COMPACTED COARSE SAND OR CRUSHED GRAVEL, 6" THICK MIN.
6. CONTRACTOR MAY OPT FOR A LEAN CONCRETE PAD. CONCRETE PAD SHALL BE UNREINFORCED, 3" THICK MAXIMUM.
7. MINIMUM EMBEDMENT OF WALL BELOW FINISH GRADE SHALL BE 6" FOR WALL HEIGHTS UNDER 4 FT. AND 12" FOR WALLS OVER 4 FT. UNLESS SHOWN DIFFERENTLY.
8. FOR UNITS TO BE EMBEDDED, COMPACT FILL IN FRONT OF UNITS AT THE SAME TIME FILL BEHIND UNITS IS COMPACTED.
9. DRAINAGE AGGREGATE SHALL BE INSTALLED DIRECTLY BEHIND THE WALL WITHIN 12" OF THE TOP OF THE WALL. DRAINAGE AGGREGATE SHALL NOT EXTEND BELOW FINAL GRADE IN FRONT OF WALL.
10. COMPACTION SHALL BE TO 95% OF MAXIMUM STANDARD PROCTOR DENSITY.(ASTM D-698)
11. COMPACTION TESTS SHALL BE TAKEN AS THE WALL IS INSTALLED. THE MINIMUM NUMBER OF TESTS SHALL BE DETERMINED BY THE SITE SOILS ENGINEER.
12. COMPACTION WITHIN 3 FT. OF WALL SHALL BE LIMITED TO HAND OPERATED EQUIPMENT.
13. SEE ELEVATION DRAWINGS FOR GEOSYNTHETIC TYPE, LENGTH AND LOCATION REQUIRED.
14. GEOSYNTHETIC SHALL BE PLACED WITH STRONGEST DIRECTION PERPENDICULAR TO WALL. FOLLOW GEOSYNTHETIC MANUFACTURER'S INSTALLATION INSTRUCTIONS AND WRITTEN SPECIFICATIONS.
15. CONTRACTOR SHALL DIRECT SURFACE RUNOFF AWAY FROM DAMAGING WALL WHILE UNDER CONSTRUCTION.
16. ANY SURFACE DRAINAGE FEATURES, FINISH GRADING, PAVEMENT, OR TURF SHALL BE INSTALLED IMMEDIATELY AFTER WALL IS COMPLETED.
17. FOLLOW APPLICABLE PROVISIONS OF THE MANUFACTURER'S INSTALLATION INSTRUCTIONS AND WRITTEN SPECIFICATIONS.

IF CONDITIONS ARE DIFFERENT THAN THOSE STATED IN THESE DRAWINGS AND SPECIFICATIONS, THE CONTRACTOR MUST CONTACT ENGINEER PRIOR TO PROCEEDING WITH THE CONSTRUCTION OF THE WALL.

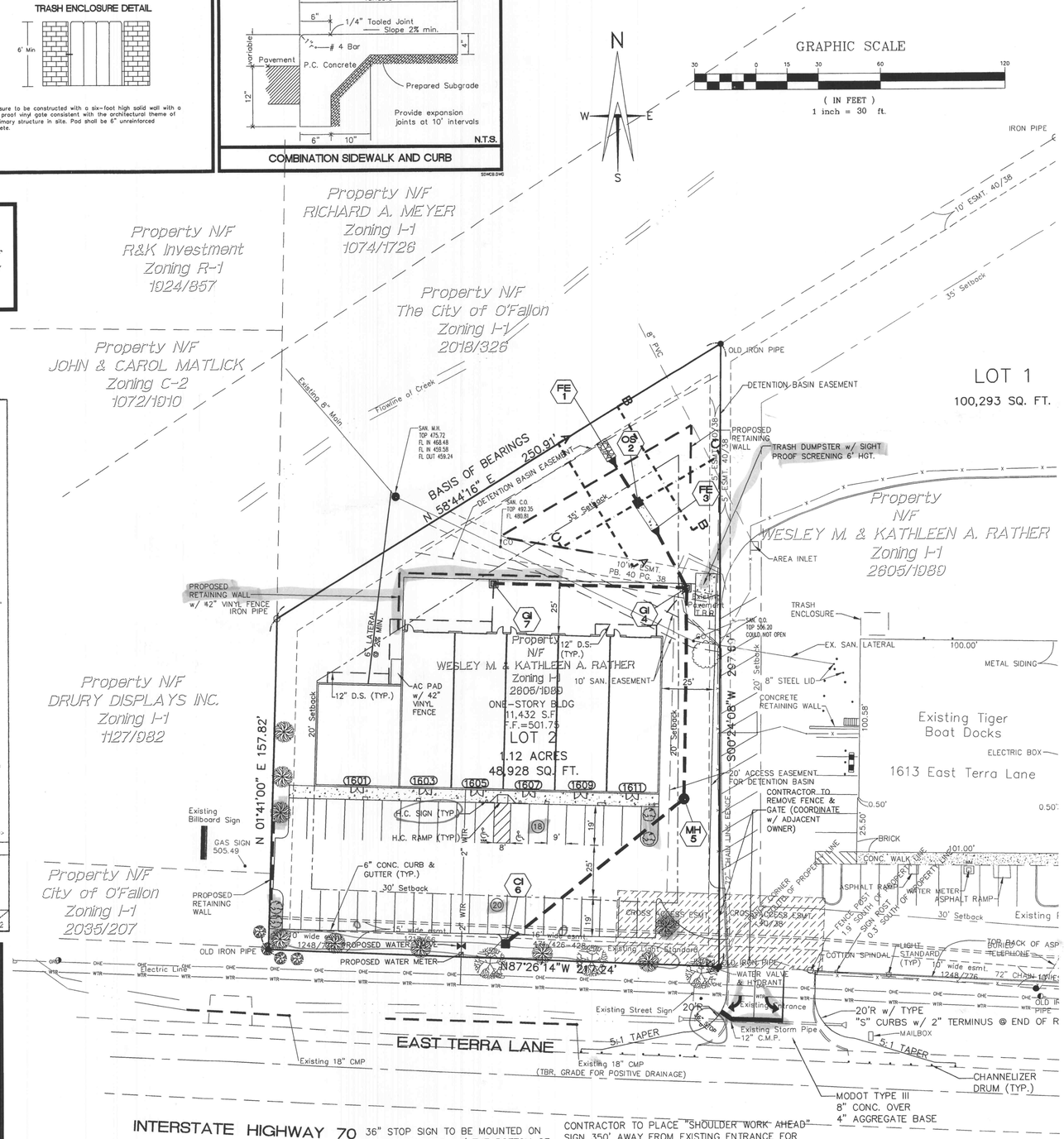
TYPICAL SECTION-REINFORCED RETAINING WALL

WALL HEIGHT	LENGTH OF GRID	DIMENSION A	B	C
5	3.01'	3.0'		
6	3.56'	2.5'	3.5'	
7	4.11'	3.5'	4.0'	
8	4.66'	3.0'	3.5	4.0'
9	5.83'	3.0'	5.0'	8.0'
10	6.83'	3.0'	6.0'	8.0'
11	7.16'	3.5'	7.0'	10.0'



MODULAR CONCRETE UNIT SCALE: NONE

RETAINING WALL DETAIL



4/6/04	REVISE PLANS PER CITY COMMENTS	
5/20/04	REVISE PLANS PER CITY COMMENTS	
6/11/04	REVISE PLANS PER MoDOT	

CONSTRUCTION PLANS KINKER BUILDING FLAT PLAN

SIC SURVEYING, INC.
801 S. FIFTH STREET, SUITE 202
ST. CHARLES, MO 63301
TEL.(636) 947-0607 FAX:(636) 947-2446

STATE OF MISSOURI MICHAEL NEWELL MEYERS NUMBER E-22483 REGISTERED PROFESSIONAL ENGINEER

ORDER NO. 03-1616

DATE 2/12/04

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