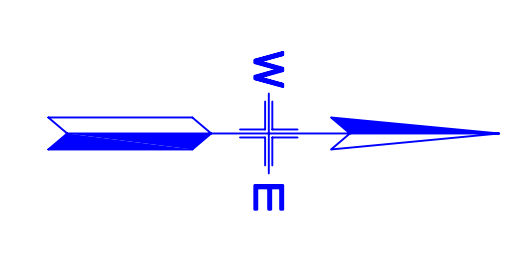


R=1550.00
L=418.89
T=210.73
A=1529.03"
CB=N71°53'21"E
CD=417.61'

R=2500.00
L=86.02
T=43.44
A=1942.53"
CB=S35°06'11"E
CD=85.60'

R=458.00'
L=100.00'
T=50.68'
D=22°58'06"
CB=S33°30'04"E
CD=99.33'



Scale 1" = 40'

NOTE: SEE DOUPHRAITE & ASSOCIATES, INC. CONSTRUCTION PLANS FOR DESIGN OF NORTH LAKESHORE DRIVE AND PETALUMA DRIVE.

PAVING PLAN
SCALE: 1" = 40'

PAVING NOTES:

THE INITIAL SOIL TEST AND REPORT BY FIGERO SOUTH PROJECT... THE CLAY SOILS ENCOUNTERED NEAR THE EXISTING GROUND SURFACE WILL PROBABLY CONSTITUTE THE SUB GRADE FOR MOST OF THE PARKING AND DRIVEWAYS... IT IS RECOMMENDED THAT THE EXISTING CLAY SOILS IN DRIVE AND PARKING AREAS BE SCARIFIED TO A DEPTH OF AT LEAST 6 INCHES... THE EXPOSED SURFACE OF THE CLAYS SHOULD BE SCARIFIED TO A DEPTH OF HORIZONTAL LINE (BY DRY UNIT WEIGHT) IN CONFORMANCE WITH TEXAS... EQUIVALES TO ABOUT 32 LBS OF LIME PER SQ. YARD OF SUB GRADE TREATED... THE ACTUAL LAMINAR OF LIME SHOULD BE DETERMINED BY THE TREATMENT BY... STABILIZATION PROCEDURES EXTEND AT LEAST 4 FT. BEYOND THE EDGE OF... THE PAVEMENT TO MINIMIZE THE EFFECTS OF SEASONAL SHRINKING UPON... BE COMPACTED TO AT LEAST 95 PERCENT OF STANDARD PROCTOR MAXIMUM... DRY DENSITY (ASTM D 698) WITH 3 PERCENTAGE POINTS OF THE OPTIMUM... MOISTURE CONTENT IN ALL AREAS WHERE HORIZONTAL LIME IS USED TO... SHOULD BE PERFORMED TO ASSURE THAT THE RESULTING PLASTICITY INDEX... OF THE SOIL-LIME MIXTURE IS AT/OR BELOW 15.

A. CONCRETE DRIVEWAYS

SUB GRADE SHALL BE AS INDICATED IN SECTION I. CONCRETE DRIVEWAY APPROACHES SHALL BE A MINIMUM OF 6 INCHES THICK... OR NOT LESS THAN 6 INCHES FROM THE FACE OF THE LINE OF THE CUTTER TO A POINT 10 FEET BEHIND THE FACE OF THE CUTTER... CONCRETE FOR DRIVEWAYS SHALL BE A MINIMUM OF 3600 PSI BELOW THE DRIVEWAY INCLUDING 4 FOOT OUTSIDE OF THE OUTER EDGE OF THE DRIVEWAY... THE DRIVEWAY SHALL BE COMPACTED TO 95% STANDARD PROCTOR DENSITY... AS INDICATED IN THE 2" STAKEWAYS SUB GRADE NOTES ALL DRIVEWAYS SHALL HAVE JOINTS NOT MORE THAN 15 FEET APART... BOTH TRANSVERSELY AND LONGITUDINALLY... ONE-HALF INCH EXPANSION JOINT SHALL BE PLACED ON THE PROPERTY LINE... THE JOINTS SHALL BE FILLED WITH THE KIDDED GRAY BITUMINOUS EXPANSION JOINT FILLER AND SHALL EXTEND THE ENTIRE DEPTH AND LENGTH OF THE CONCRETE SECTIONS.

B. PARKING LOTS

NOTE: SUB NO CONCRETE SHALL BE PLACED FOR DRIVEWAYS UNLESS INSPECTED AND APPROVED BY THE CITY OR STATE (WHICHEVER IS APPLICABLE).

FINISHING SHALL BE AS INDICATED IN SECTION III.

C. ON-SITE SIDEWALKS

CONCRETE SIDEWALKS SHALL BE A WIDTH AS DESIGNATED ON SITE PLAN AND A MINIMUM OF 4 INCHES THICK... CONSTRUCTED ON 4" SAND UNDER PAVEMENT... 28 DAY COMPRESSIVE STRENGTH SHALL BE 3500 PSI... IN 28 DAYS CONCRETE WITH 4-8 % EXTRACTED AIR REINFORCED WITH #3 BARS AT 24" O.C.E.W. SUPPORTED WITH PROPER SUPPORT CHAIRS... BEDDING SHALL BE MINIMUM 2" SAND... EXPANSION JOINTS SHALL BE PLACED EVERY 40 FEET AND WHERE NEW WORK IS CONSTRUCTED ADJACENT TO OTHER CONCRETE WORK... EXPANSION JOINT FILLER AND SHALL EXTEND THE ENTIRE DEPTH AND WIDTH OF THE CONCRETE SECTION.

FINISH OF SIDEWALKS SHALL BE WITH A BROOM FINISH PER ENGINEER. WALKS SHALL HAVE TOOLED CURB EDGES.

III. FINISHING FOR CONCRETE DRIVEWAY, PARKING LOT AND STREET CURBS

THE EXPOSED SURFACES OF DRIVEWAYS AND PARKING LOT SHALL HAVE A MONOLITHIC FINISH BY FLOATING WITH A WOODEN FLAT UNTIL A SLIGHT EXCESS OF SAND APPEARS ON THE SURFACES. IN NO CASE SHALL THE SURFACE BE LEFT SOAK OR WITH A GLOSSY FINISH... FINISHED BY STEEL TROWEL AND BRUSHED LIGHTLY WITH AN APPROVED BROOM... THE EDGE OF ALL CONCRETE SHALL BE NEATLY ROUNDED TO THE ROUNDED RADIUS WITH AN EDGING TOOL.

THE EXPOSED SURFACE OF CURBS AND CURBS WITH GUTTER SHALL BE SHAVED WITH A "W" FILE AND BRUSHED WITH A WET BRUSH AT RIGHT ANGLE TO THE CURB... THE EDGES SHALL BE NEATLY ROUNDED OFF TO THE REQUIRED RADIUS... USE OF BROUT OVER A ROUGH FINISHED TEXTURE WILL NOT BE ALLOWED.

PAVING LEGEND

- PROPOSED 6" REINFORCED CONCRETE PAVEMENT (NO SAND UNDER PAVEMENT)
- PROPOSED 5" REINFORCED CONCRETE PAVEMENT (NO SAND UNDER PAVEMENT)
- PROPOSED 4" REINFORCED CONCRETE PAVEMENT (NO SAND UNDER PAVEMENT)
- PROPOSED 4" REINFORCED CONCRETE SIDEWALK WITH #3 REBARS ON 24" CENTERS EACH WAY (N/CITY ROW), 1'-0" FROM PROPERTY LINE.

NOTE: HAND POURED CONCRETE SHALL BE 3600 PSI (6 1/2 SACK) MACHINE POURED CONCRETE SHALL BE 3600 PSI (6 SACK)

FINAL PLANS FOR BIDDING AND CONSTRUCTION

ROCKWALL ELEMENTARY #9

ROCKWALL INDEPENDENT SCHOOL DISTRICT

ROCKWALL, TEXAS

DATE: MAY 18, 2001
DRAWN BY: R.HOWMAN
CHECKED: RAH
COMM NO: 1441-01-017
REVISED:



SHW Group Inc.
ARCHITECTS & ENGINEERS

SHEET NUMBER **2.14**

GLENN ENGINEERING

PHONE 972-777-5891 FAX 972-778-4229
300 DECHEN COURT - SUITE 200 ROCKWALL, TEXAS 75087