

KILN INLET CHAMBER

INLET RISER DUCT

CASTABLE : ~VERSAFLOW 60 PLUS. ~SHOT TECH 60. ~SHOT TECH 60 Z. ~ON-LINE 60. ~THOR AZS PT ADTECH. ~THOR AZSP PT ADTECH. ~ON-LINE THOR AZS
 DENSE GUN MIX : ~VERSAGUN 60 Z ADTECH. ~ON-LINE 60 Z G.
 INSULATING LAYER : ~KAST-O-LITE 26 LI G ON-LINE. ~GREENLITE-45- L GR ON-LINE. ~INSULATING FIREBRICK.

KILN INLET CHAMBLER

CASTABLE : ~SHOT TECH 60. ~ON-LINE THOR AZS. ~ THOR AZS PT ADTECH. ~THOR AZSP PT ADTECH.
 INSULATING LAYER : ~KAST-O-LITE 26 LI G ON-LINE. ~KAST-O-LITE 26 LI PLUS. ~GREENLITE-45- L GR ON-LINE.

TERTIARY AIR DUCT

**TERTIARY AIR DUCT :
MAIN DUCT**

BRICK : ~KX-99 BF. ~UFALA. ~KALA.
 CASTABLE : ~VERSAFLOW 60 PLUS. ~ON-LINE 60. ~SHOT TECH 60. ~SHOT TECH 60 Z. ~ THOR AZS PT ADTECH. ~THOR AZSP PT ADTECH
 DENSE GUN MIX : ~VERSAGUN 60 ADTECH. ~VERSAGUN 60 Z. ~ ON-LINE 60 G AR.
 INSULATING LAYER : ~KAST-O-LITE 22 G PLUS. ~KAST-O-LITE 26 LI G ON-LINE. GREENLITE-45-L GR ON-LINE. ~INSULATING FIREBRICK.

**TERTIARY AIR DUCT :
GATE HOUSING**

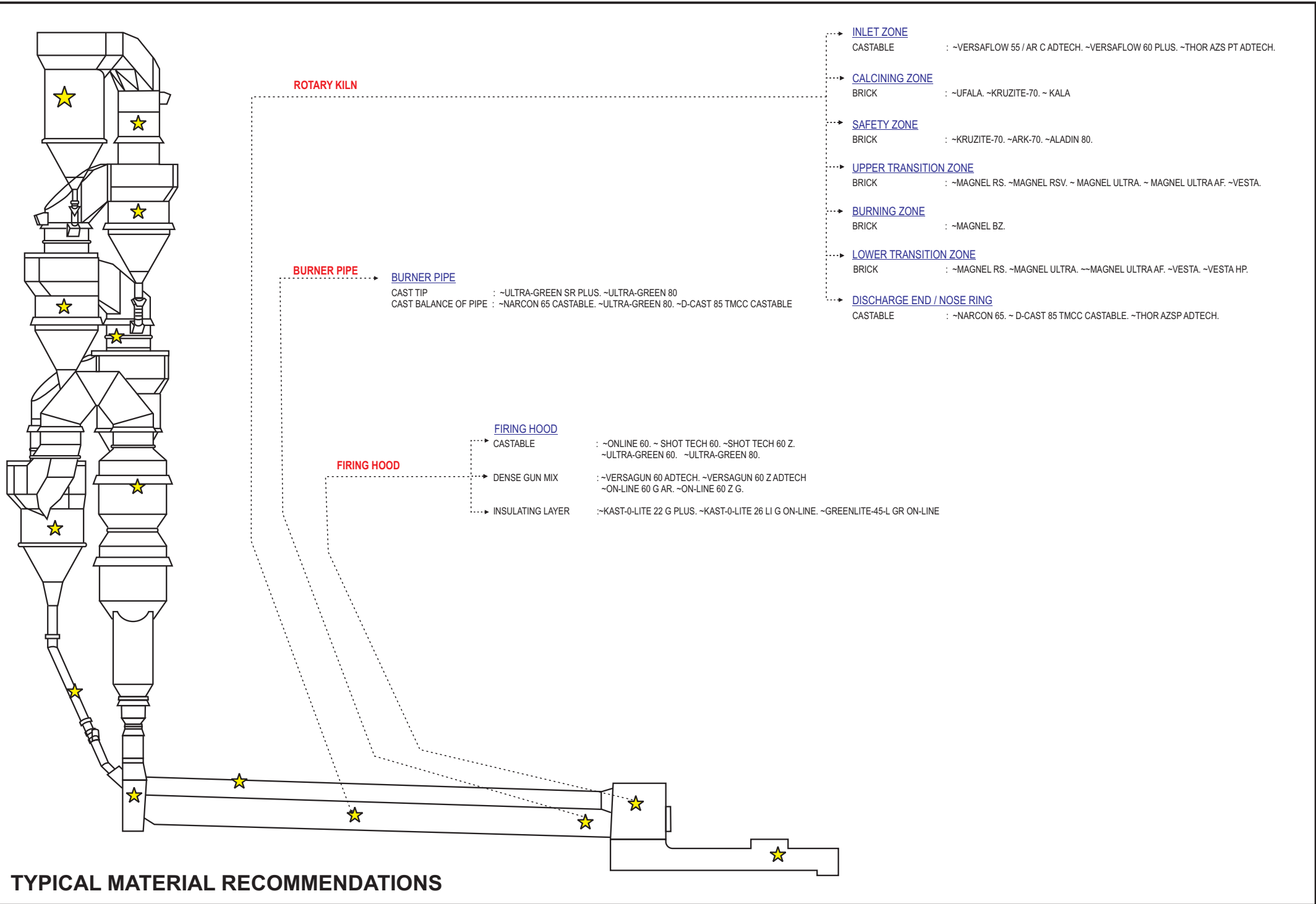
CASTABLE : ~VERSAFLOW 60 PLUS. ~ON-LINE 60 PLUS. ~SHOT TECH 60. ~SHOT TECH 60 Z.
 DENSE GUN MIX : ~VERSAGUN 50 ADTECH. ~VERSAGUN 60 ADTECH. ~VERSAGUN 60 Z ADTECH. ~ ON-LINE 60 G AR.
 INSULATING LAYER : ~KAST-O-LITE 26 LI G PLUS. ~GREENLITE-45-L GR ON-LINE. ~INSULATING FIREBRICK.

TAD DAMPLER BLADE

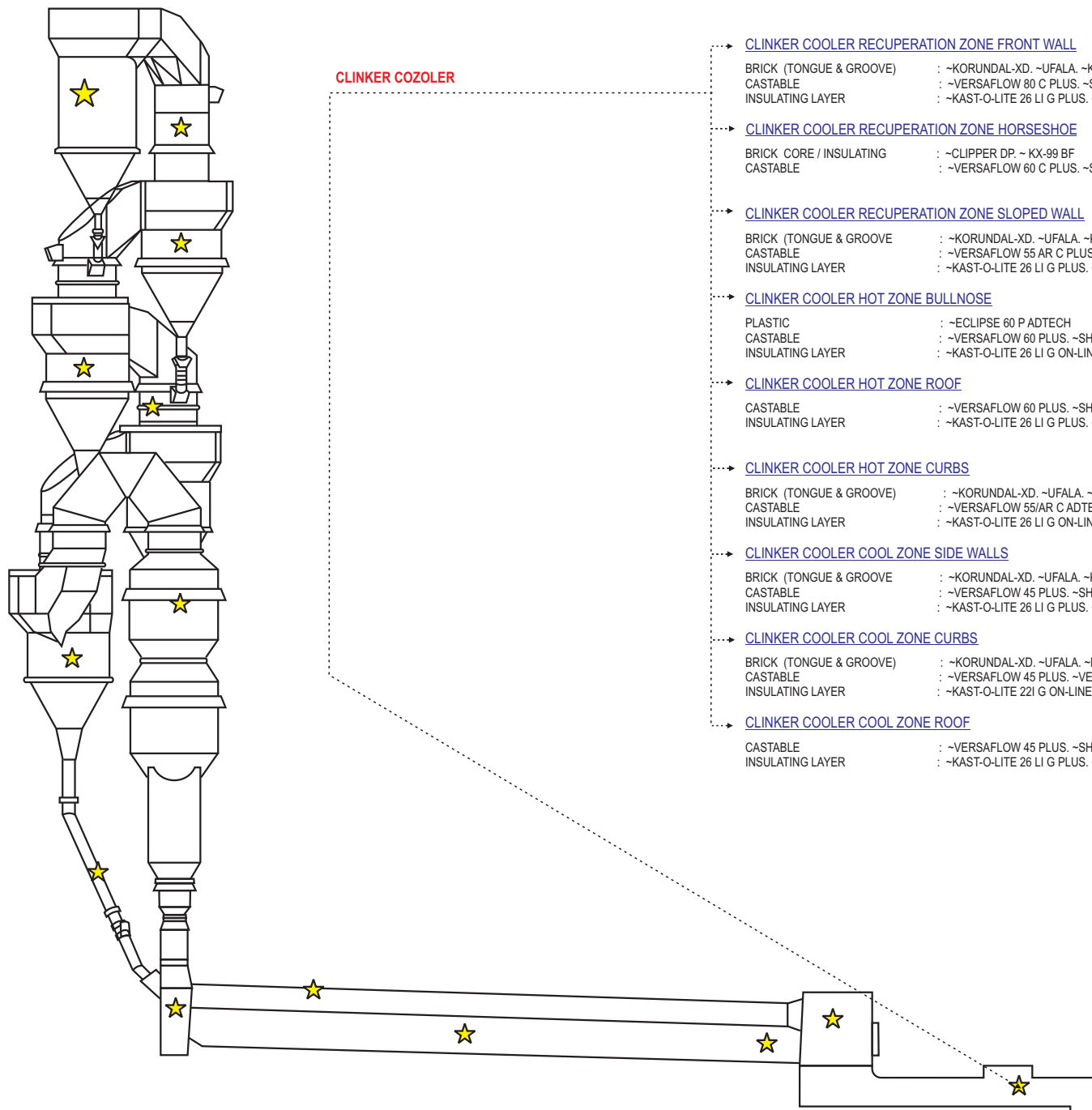
**TERTIARY AIR DUCT :
DAMPLER BLADE**

CASTABLE : ~VERSAFLOW 60 PLUS. ~NARCON 65. ~THOR AZS PT ADTECH. ~THOR AZSP PT ADTECH. ~THOR AZS CASTABLE

TYPICAL MATERIAL RECOMMENDATIONS



TYPICAL MATERIAL RECOMMENDATIONS



CLINKER COZOLER

→ CLINKER COOLER RECUPERATION ZONE FRONT WALL

BRICK (TONGUE & GROOVE) : ~KORUNDAL-XD. ~UFALA. ~KALA.
 CASTABLE : ~VERSAFLOW 80 C PLUS. ~SHOT TECH 60. ~ULTRA-GREEN 60 PLUS. ~ULTRA-GREEN 80 PLUS
 INSULATING LAYER : ~KAST-O-LITE 26 LI G PLUS. ~KAST-O-LITE 26 PLUS. ~ GREENLITE-45-L GR ON-LINE

→ CLINKER COOLER RECUPERATION ZONE HORSESHOE

BRICK CORE / INSULATING : ~CLIPPER DP. ~ KX-99 BF
 CASTABLE : ~VERSAFLOW 60 C PLUS. ~SHOT TECH 60. ~ULTRA-GREEN 60 PLUS. ~ULTRA-GREEN 80. ~THOR AZS CASTABLE

→ CLINKER COOLER RECUPERATION ZONE SLOPED WALL

BRICK (TONGUE & GROOVE) : ~KORUNDAL-XD. ~UFALA. ~KALA.
 CASTABLE : ~VERSAFLOW 55 AR C PLUS. ~SHOT TECH 60. ~ULTRA-GREEN 60 PLUS. ~ULTRA-GREEN 80
 INSULATING LAYER : ~KAST-O-LITE 26 LI G PLUS. ~KAST-O-LITE 26 PLUS. ~ GREENLITE-45-L GR PLUS

→ CLINKER COOLER HOT ZONE BULLNOSE

PLASTIC : ~ECLIPSE 60 PADTECH
 CASTABLE : ~VERSAFLOW 60 PLUS. ~SHOT TECH 60. ~THOR AZS CASTABLE. ~THOR AZSP CASTABLE.
 INSULATING LAYER : ~KAST-O-LITE 26 LI G ON-LINE. ~KAST-O-LITE 26 LI PLUS. ~ GREENLITE-45-L GR ON-LINE. ~

→ CLINKER COOLER HOT ZONE ROOF

CASTABLE : ~VERSAFLOW 60 PLUS. ~SHOT TECH 60. ~ON-LINE 60
 INSULATING LAYER : ~KAST-O-LITE 26 LI G PLUS. ~KAST-O-LITE 26 PLUS. ~ GREENLITE-45-L GR ON-LINE.

→ CLINKER COOLER HOT ZONE CURBS

BRICK (TONGUE & GROOVE) : ~KORUNDAL-XD. ~UFALA. ~KALA.
 CASTABLE : ~VERSAFLOW 55/AR C ADTECH. ~SHOT TECH 60. ~VERSAFLOW 60 PLUS.
 INSULATING LAYER : ~KAST-O-LITE 26 LI G ON-LINE. ~KAST-O-LITE 26 PLUS. ~ GREENLITE-45-L GR ON-LINE.

→ CLINKER COOLER COOL ZONE SIDE WALLS

BRICK (TONGUE & GROOVE) : ~KORUNDAL-XD. ~UFALA. ~KALA.
 CASTABLE : ~VERSAFLOW 45 PLUS. ~SHOT TECH 45. ~ON-LINE 60.
 INSULATING LAYER : ~KAST-O-LITE 26 LI G PLUS. ~KAST-O-LITE 26 PLUS.

→ CLINKER COOLER COOL ZONE CURBS

BRICK (TONGUE & GROOVE) : ~KORUNDAL-XD. ~UFALA. ~KALA.
 CASTABLE : ~VERSAFLOW 45 PLUS. ~VERSAFLOW 45 C PLUS. ~SHOT TECH 45
 INSULATING LAYER : ~KAST-O-LITE 221 G ON-LINE. ~KAST-O-LITE 22 PLUS.

→ CLINKER COOLER COOL ZONE ROOF

CASTABLE : ~VERSAFLOW 45 PLUS. ~SHOT TECH 45. ~ULTRA-GREEN 60 PLUS.
 INSULATING LAYER : ~KAST-O-LITE 26 LI G PLUS. ~KAST-O-LITE 26 PLUS. ~ GREENLITE-45-L GR ON-LINE

TYPICAL MATERIAL RECOMMENDATIONS