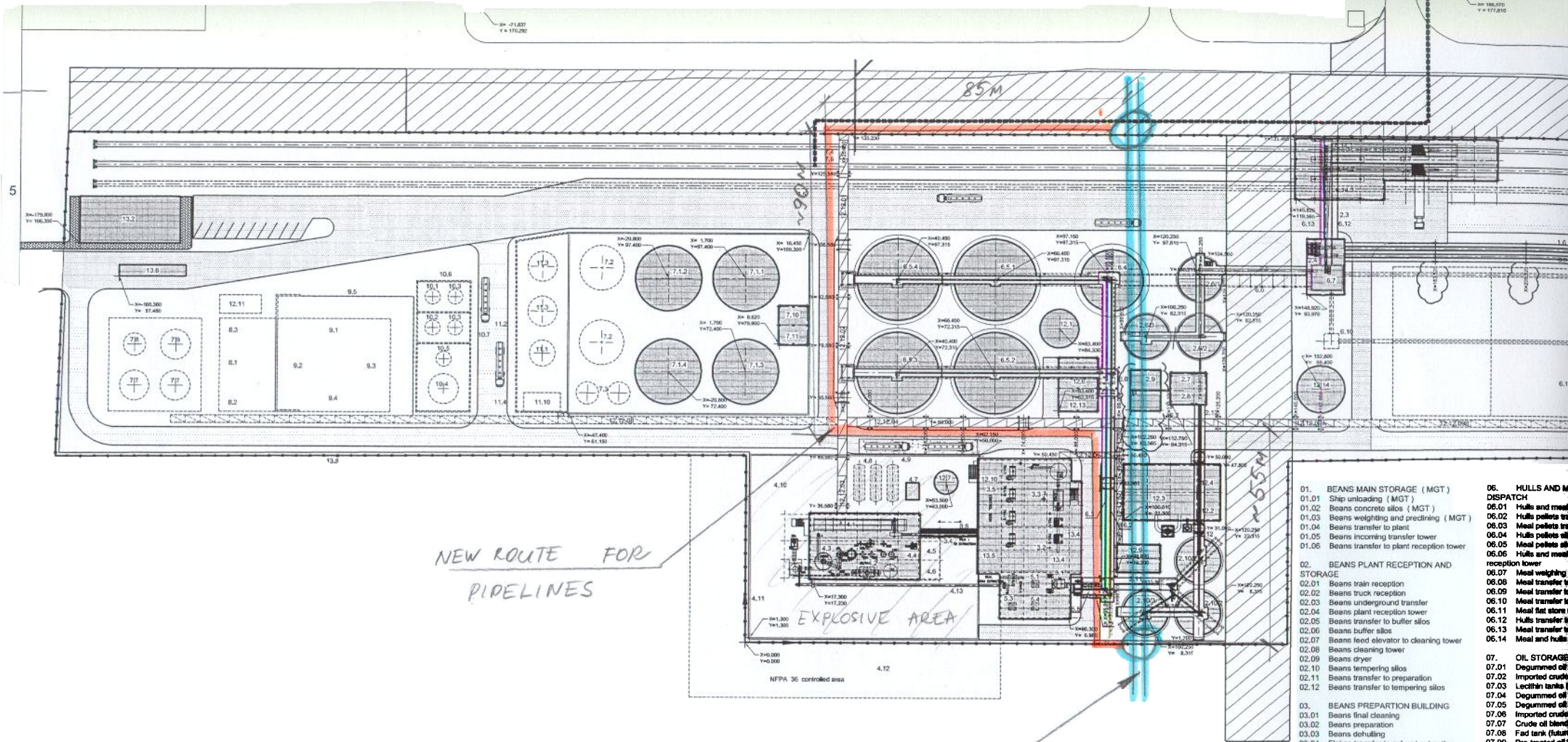

01. BEANS MAIN STORAGE (MGT)
01.01 Ship unloading (MGT)
01.02 Beans concrete silos (MGT)
01.03 Beans weighting and prediining (MGT)
01.04 Beans transfer to plant
01.05 Beans incoming transfer tower
01.06 Beans transfer to plant reception tower

02. BEANS PLANT RECEPTION AND STORAGE
02.01 Beans train reception
02.02 Beans truck reception
02.03 Beans underground transfer
02.04 Beans plant reception tower
02.05 Beans transfer to buffer silos
02.06 Beans buffer silos
02.07 Beans feed elevator to cleaning tower
02.08 Beans cleaning tower
02.09 Beans dryer
02.10 Beans tempering silos
02.11 Beans transfer to preparation
02.12 Beans transfer to tempering silos

03. BEANS PREPARTION BUILDING
03.01 Beans final cleaning
03.02 Beans preparation
03.03 Beans dehulling
03.04 Flakes transfer to solvent extraction
03.05 Preparation and solvent extraction control room
03.06 Preparation and solvent extraction interconnection gangway

04. SOLVENT EXTRACTION BUILDING
04.01 Solvent extraction
04.02 Distillation
04.03 Meal desolventizing, toasting, drying and cooling
04.04 Oil degumming
04.05 Gums drying (future)
04.06 Lecithin bleaching (future)
04.07 Hexane separator
04.08 Underground hexane storage
04.09 Hexane trucks unloading
04.10 Restricted area
04.11 Vapour barrier
04.12 Controlled area
04.13 Meal transfer to preparation building

05. HULLS AND MEAL TREATMENT
05.01 Hulls grinding and pelletizing
05.02 Hulls pellets transfer to storage
05.03 Meal pelletizing
05.04 Meal grinding (future)
05.05 Meal pellets transfer to storage

06. HULLS AND M
DISPATCH
06.01 Hulls and meal
06.02 Hulls pellets tr
06.03 Meal pellets tr
06.04 Hulls pellets sil
06.05 Meal pellets sil
06.06 Hulls and meal
reception tower
06.07 Meal weighing
06.08 Meal transfer t
06.09 Meal transfer t
06.10 Meal transfer t
06.11 Meal flat store
06.12 Hulls transfer t
06.13 Meal transfer t
06.14 Meal and hulls

07. OIL STORAGE
07.01 Degummed oil
07.02 Imported crude
07.03 Lecithin tanks
07.04 Degummed oil
07.05 Degummed oil
07.06 Imported crude
07.07 Crude oil blend
07.08 Fad tank (futur
07.09 Pre-treated oil
07.10 Degummed oil
07.11 Water / water t

08. OIL PRE-TREA
08.01 Oil acid degum
08.02 Oil deacidifying
08.03 Oil pre-treatme

09. BIODIESEL PR
(future)
09.01 Transesterificat
09.02 Methanol recov
09.03 Glycerine purifi
09.04 Acid esterificati
09.05 Safety fence

10. CHEMICAL ST
10.01 Caustic soda ta
10.02 Hydrochloric ac
10.03 Sulfuric acid ta
10.04 Methanol tank
10.05 Sodium methyl
10.06 Chemicals retai
10.07 Chemicals truck